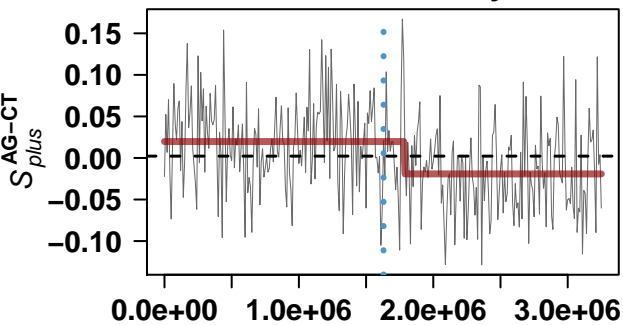
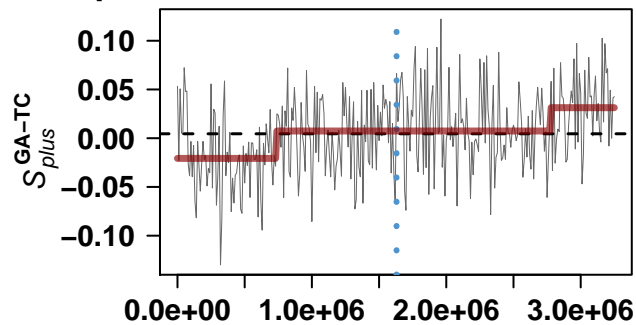


**Diagrams (gray curve) and fitted linear models (red thick line) for dinucleotide skews ( $S_{\text{plus}}^{\text{AG-CT}}$ ,  $S_{\text{plus}}^{\text{GA-TC}}$ ,  $S_{\text{plus}}^{\text{GG-CC}}$ ,  $S_{\text{plus}}^{\text{AA-TT}}$ ,  $S_{\text{plus}}^{\text{AC-GT}}$  and  $S_{\text{plus}}^{\text{CA-TG}}$ ) along the plus (published) strand of all bacteria chromosomes in our collection. Each step-like breakpoint of the red thick line corresponds to a statistically significant structural change of the skew pattern. In cases where no significant structural changes are detected, the red line is omitted. The vertical dotted blue line indicates the origin of replication (*ori*). There are three distinct types of skew patterns; “sharp”: at least one step-like breakpoint is located close to the *ori*, “vague”: at least one step-like breakpoint is detected, but all breakpoints are far from the *ori*, and “flat”: no step-like breakpoints are detected. The horizontal dashed black line is drawn at the mean value of the skew.**

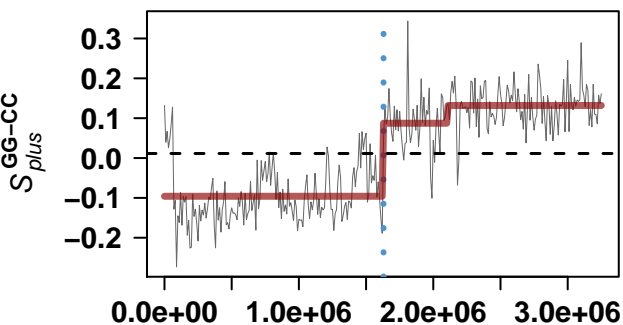
# Mycobacterium leprae TN



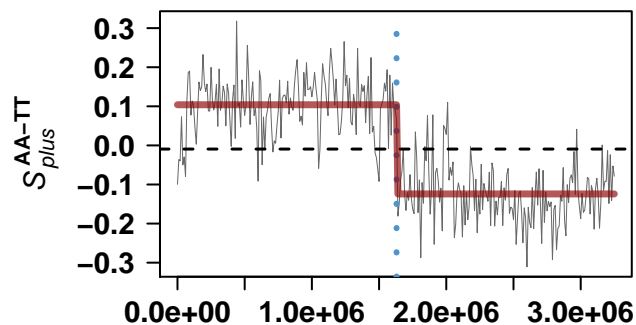
genome coordinates



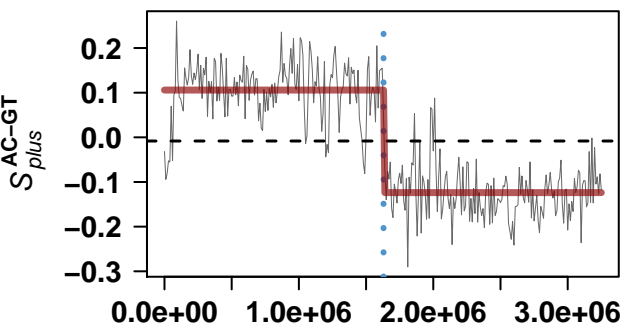
genome coordinates



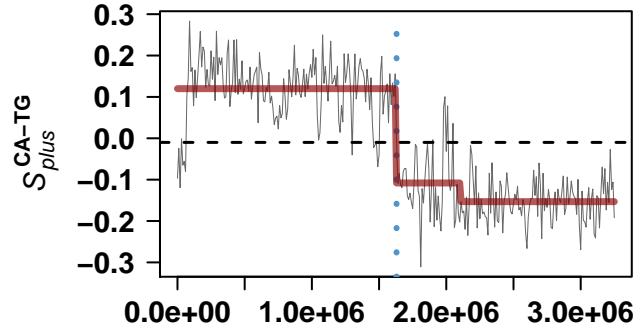
genome coordinates



genome coordinates

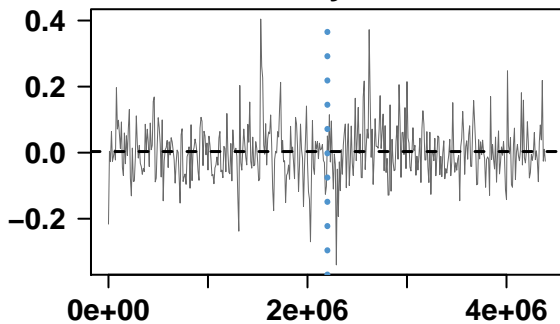


genome coordinates

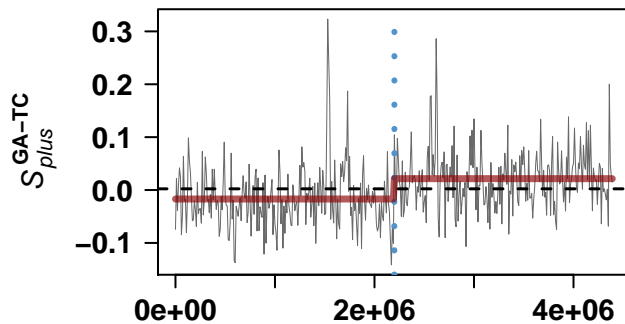


genome coordinates

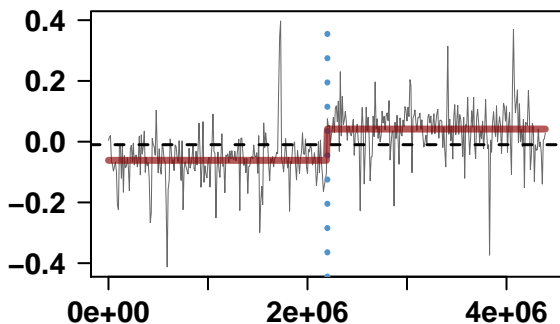
# Mycobacterium tuberculosis CDC1551



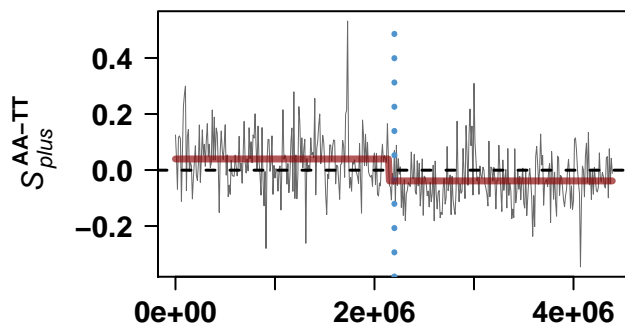
genome coordinates



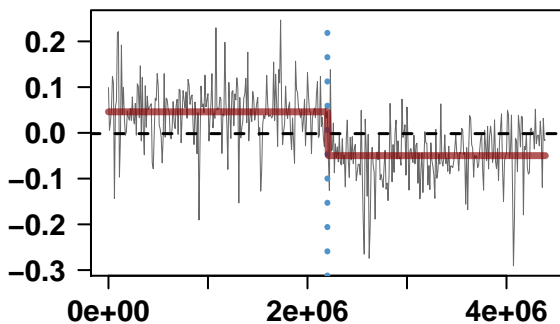
genome coordinates



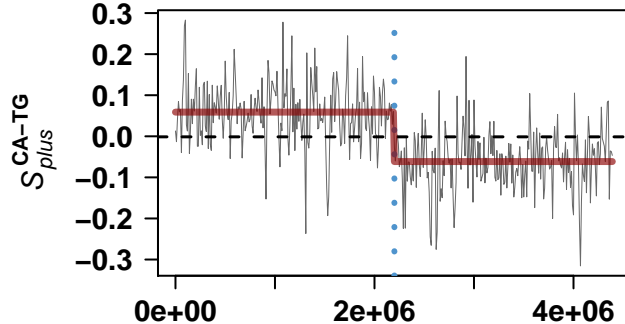
genome coordinates



genome coordinates

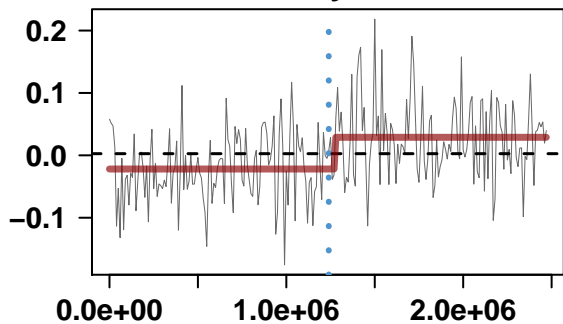


genome coordinates

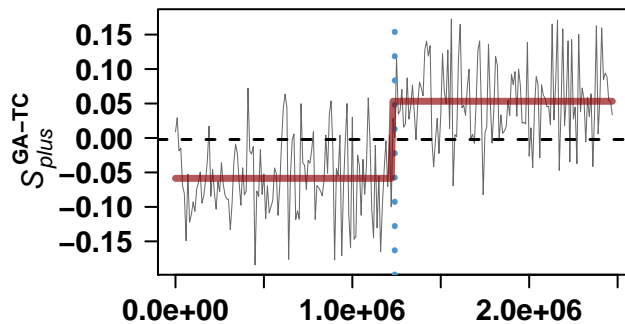


genome coordinates

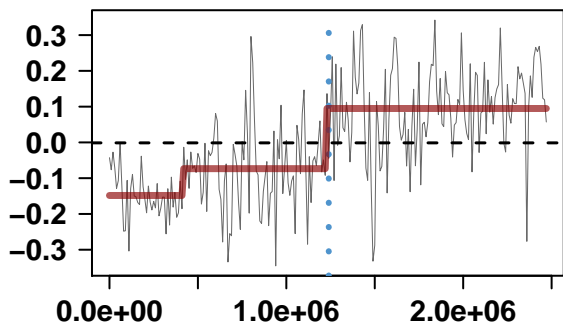
# Corynebacterium diphtheriae NCTC 13129



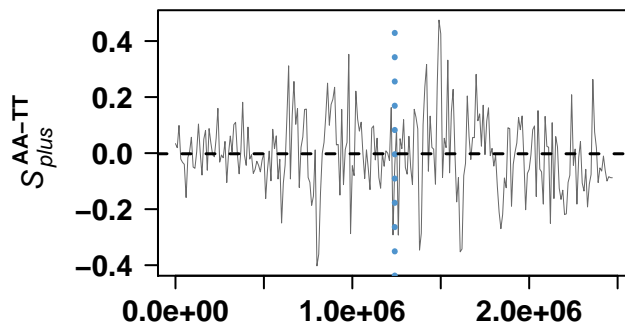
genome coordinates



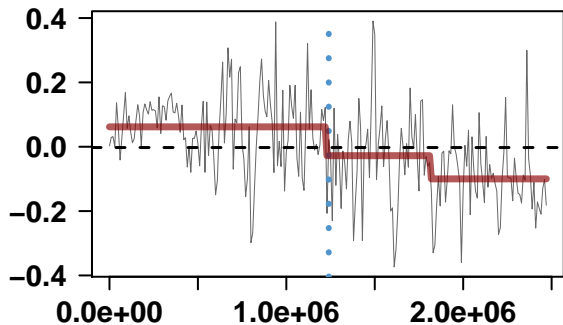
genome coordinates



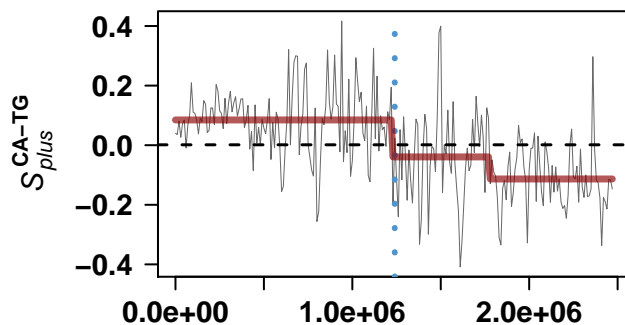
genome coordinates



genome coordinates

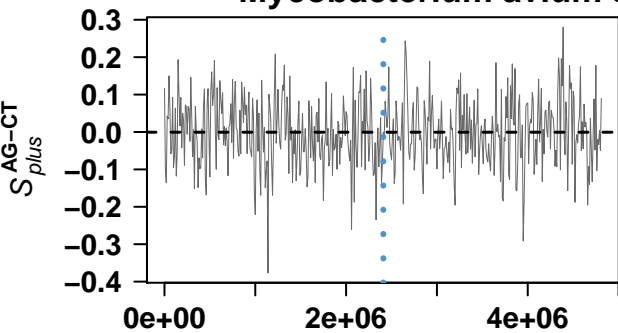


genome coordinates

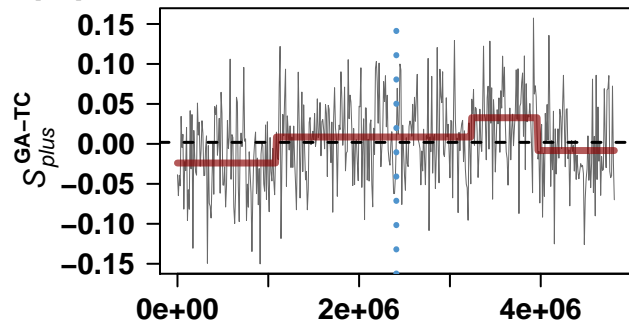


genome coordinates

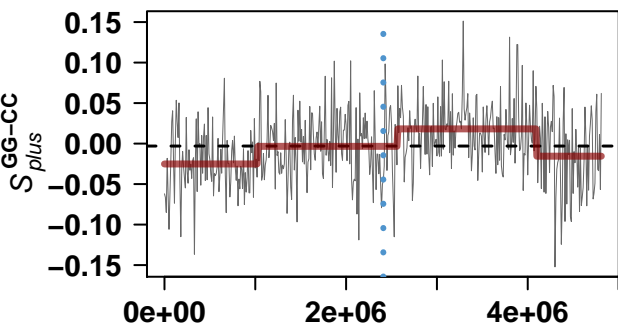
# Mycobacterium avium subsp. paratuberculosis K-10



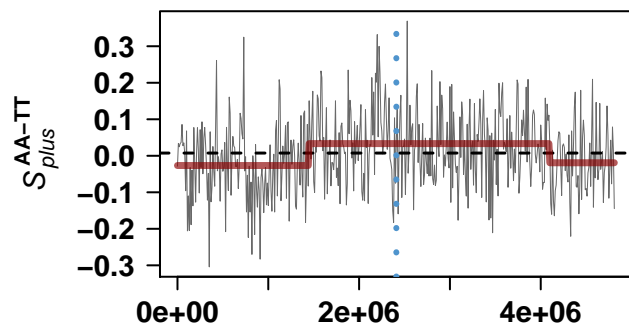
genome coordinates



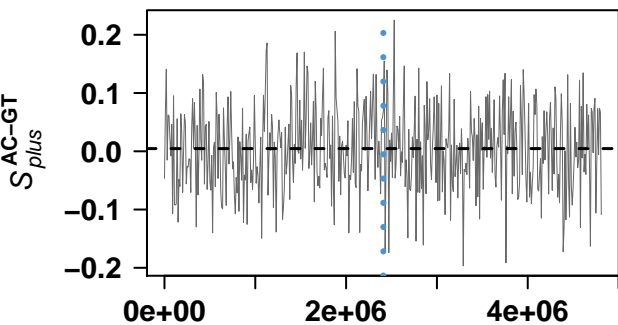
genome coordinates



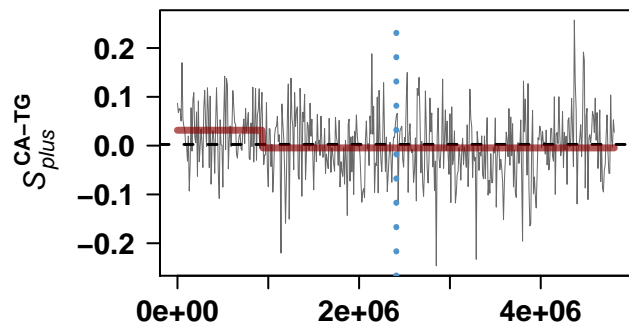
genome coordinates



genome coordinates

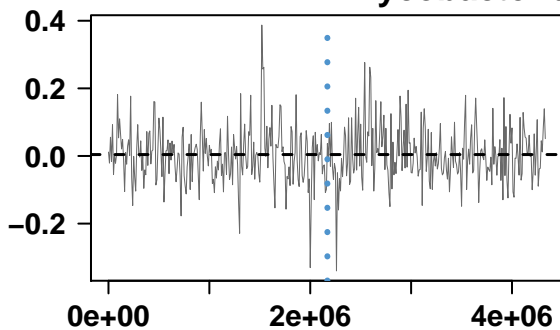


genome coordinates

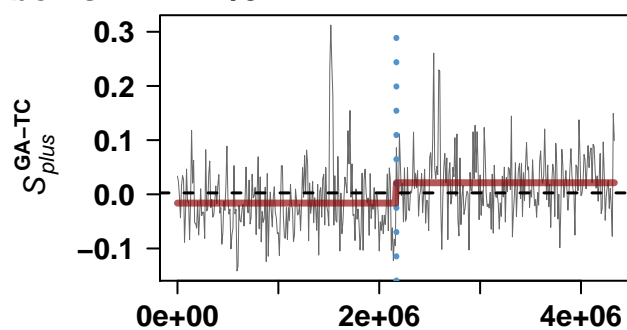


genome coordinates

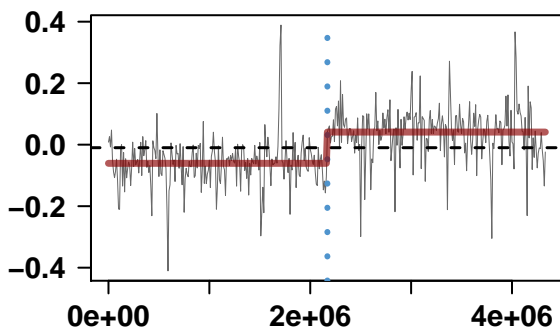
# Mycobacterium bovis AF2122/97



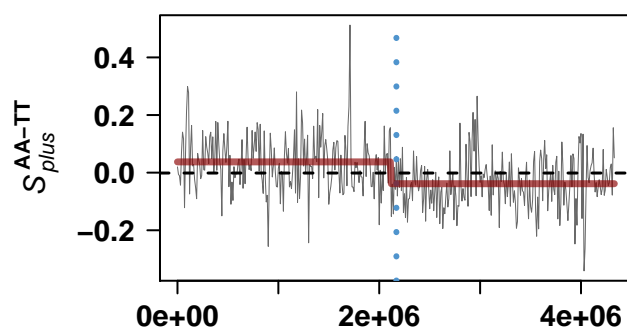
genome coordinates



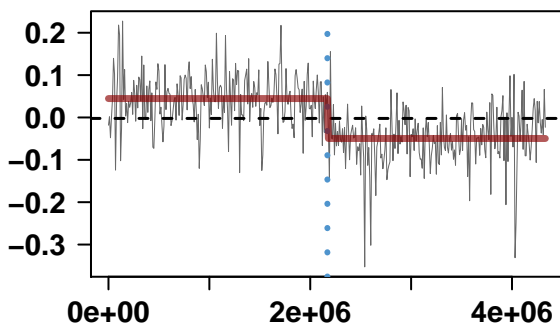
genome coordinates



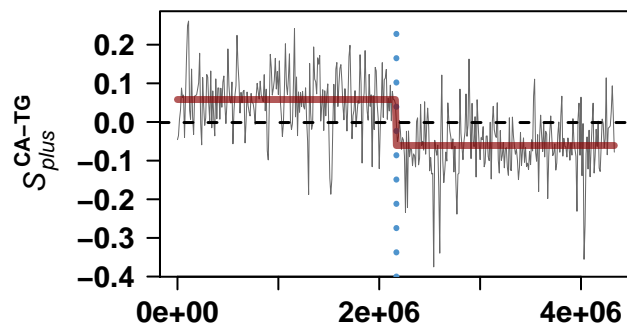
genome coordinates



genome coordinates

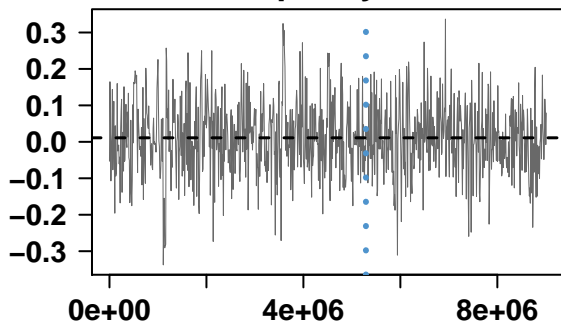


genome coordinates

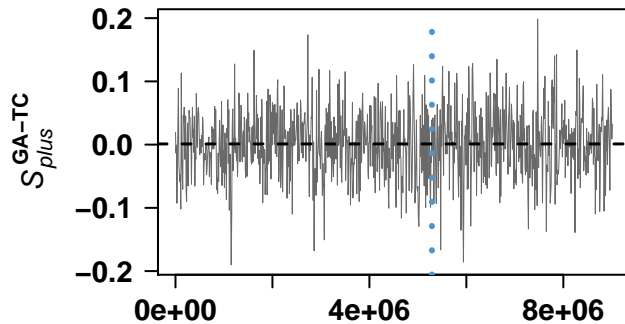


genome coordinates

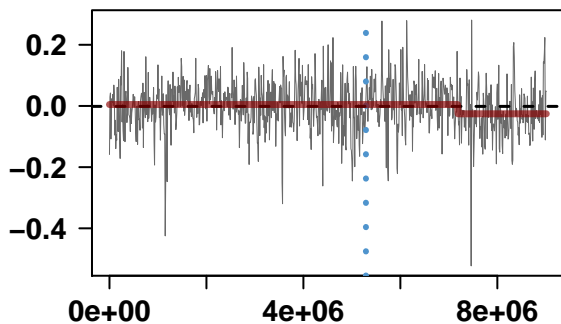
# Streptomyces avermitilis MA-4680 = NBRC 14893



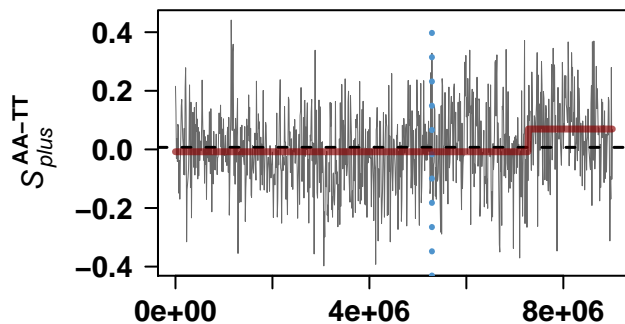
genome coordinates



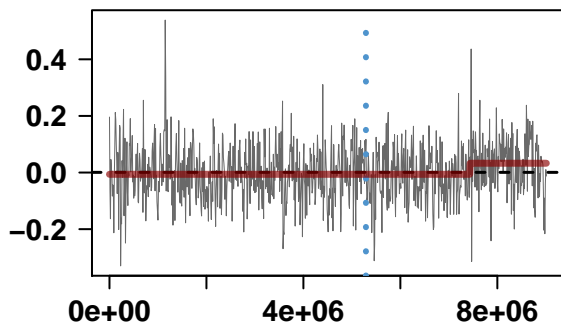
genome coordinates



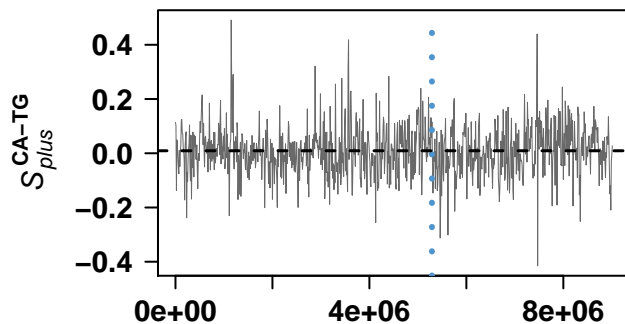
genome coordinates



genome coordinates

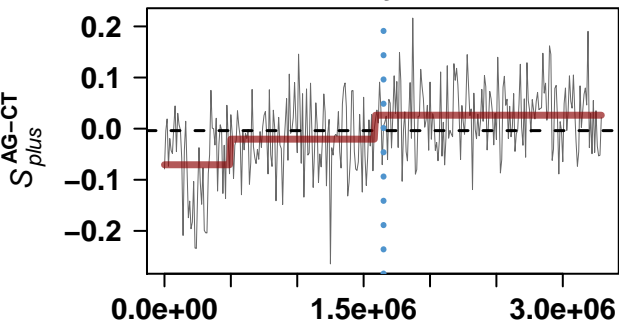


genome coordinates

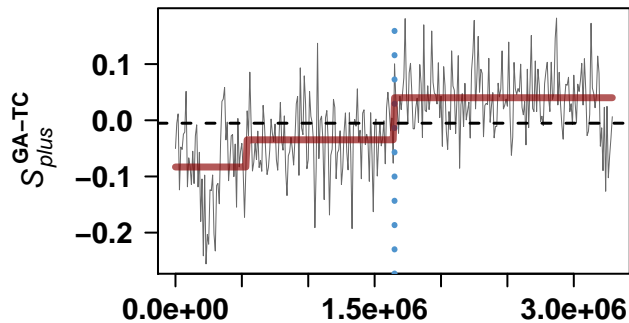


genome coordinates

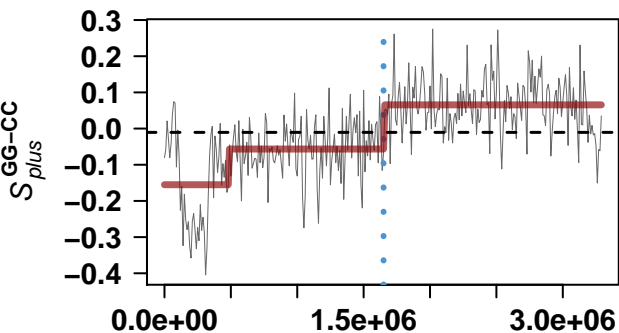
# Corynebacterium glutamicum ATCC 13032



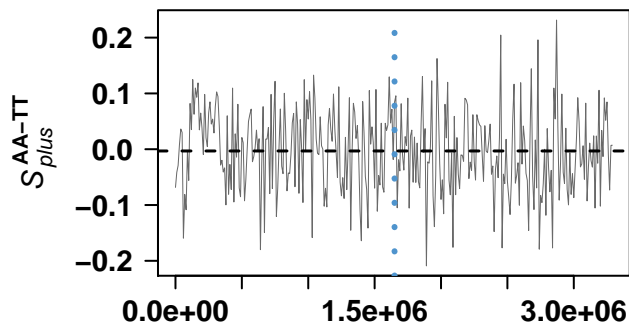
genome coordinates



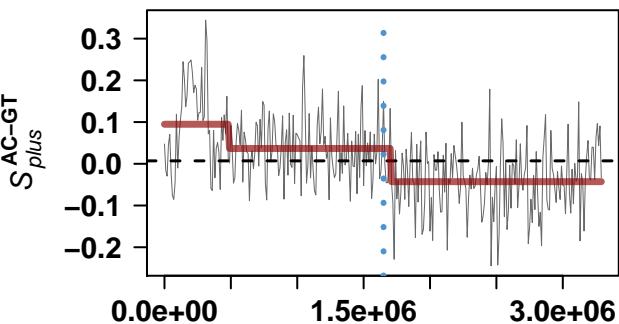
genome coordinates



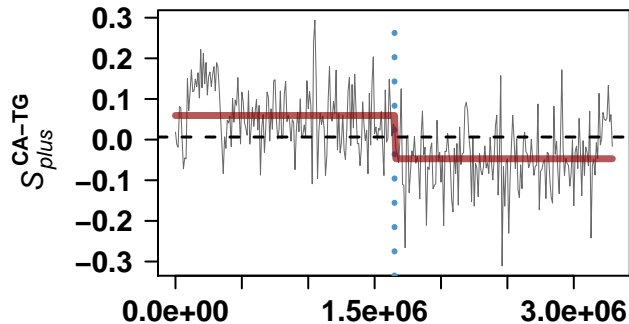
genome coordinates



genome coordinates

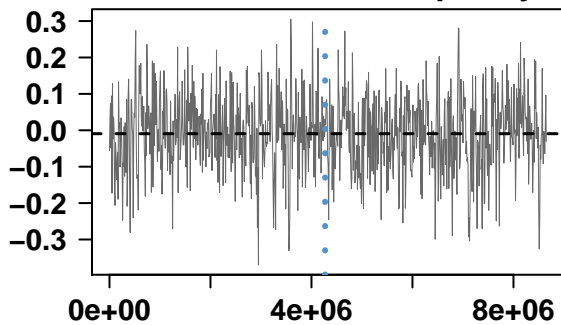


genome coordinates

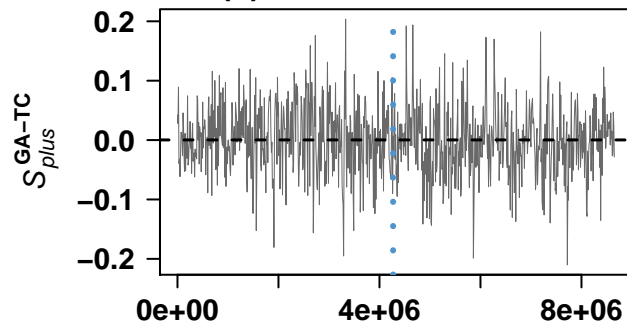


genome coordinates

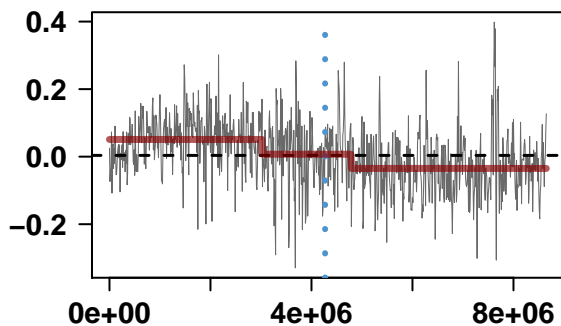
# Streptomyces coelicolor A3(2)



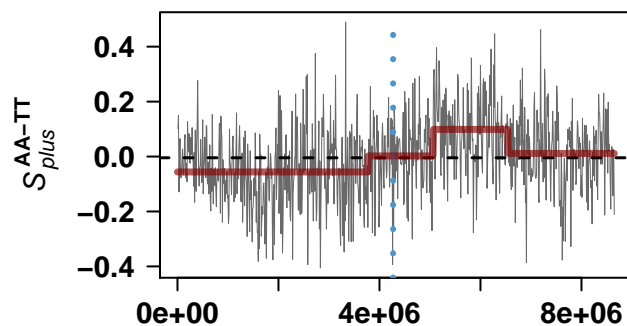
genome coordinates



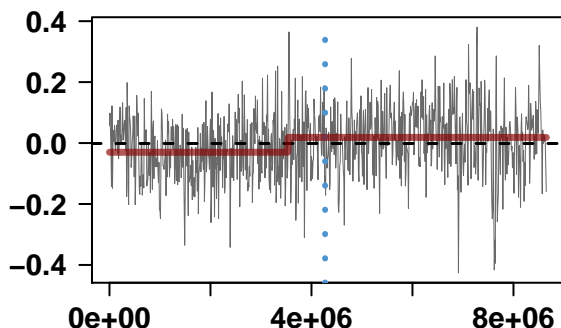
genome coordinates



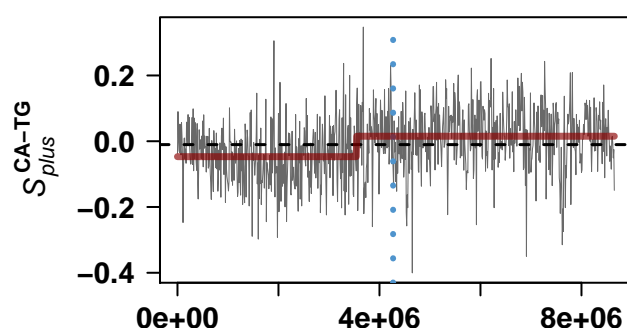
genome coordinates



genome coordinates

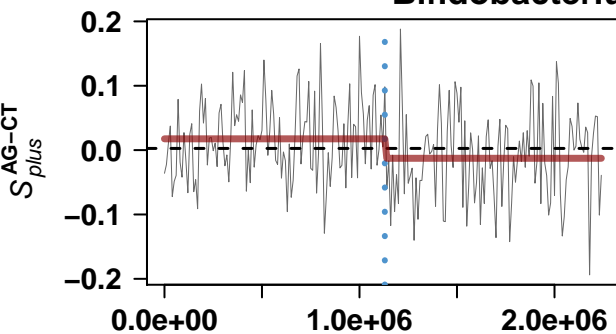


genome coordinates

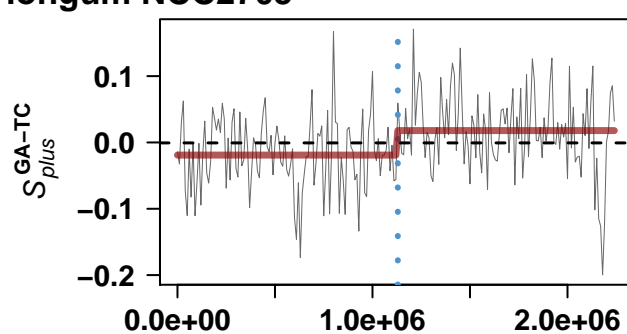


genome coordinates

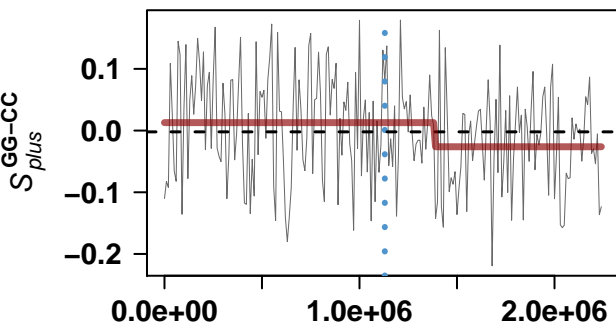
# Bifidobacterium longum NCC2705



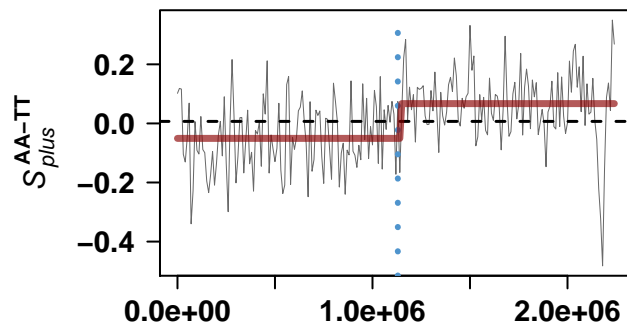
genome coordinates



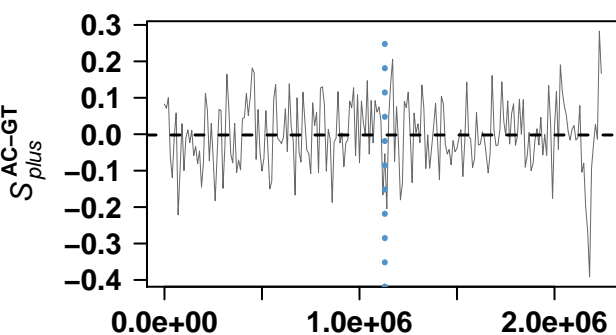
genome coordinates



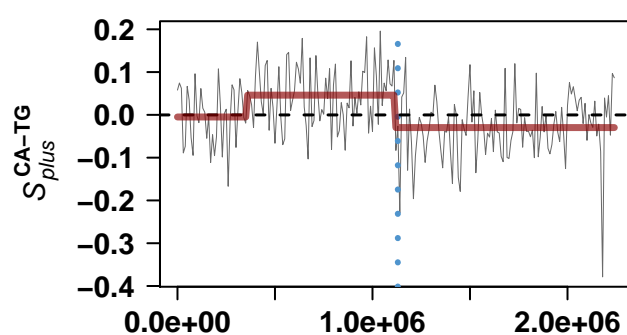
genome coordinates



genome coordinates

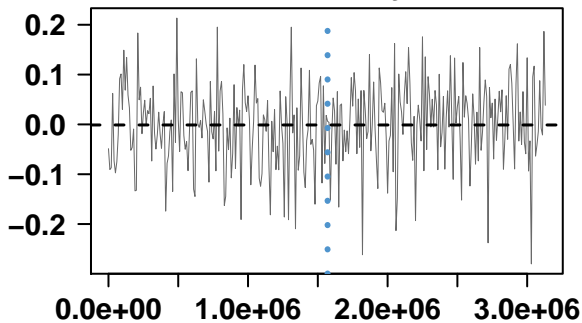


genome coordinates

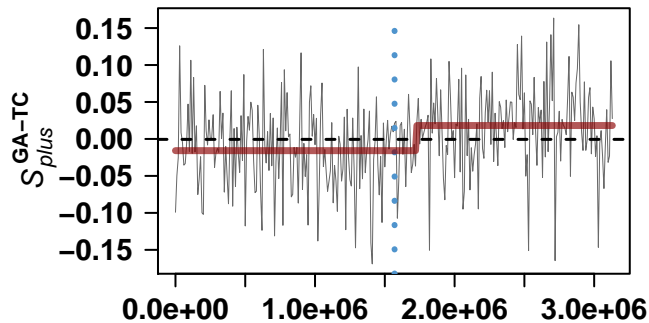


genome coordinates

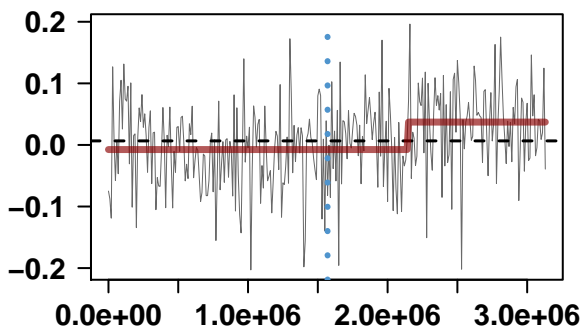
# Corynebacterium efficiens YS-314



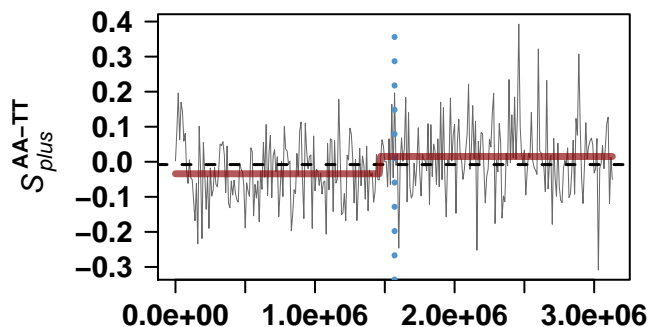
genome coordinates



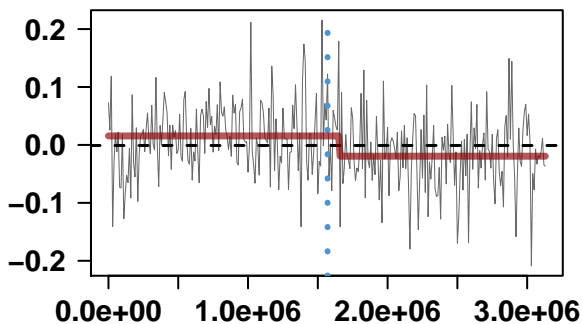
genome coordinates



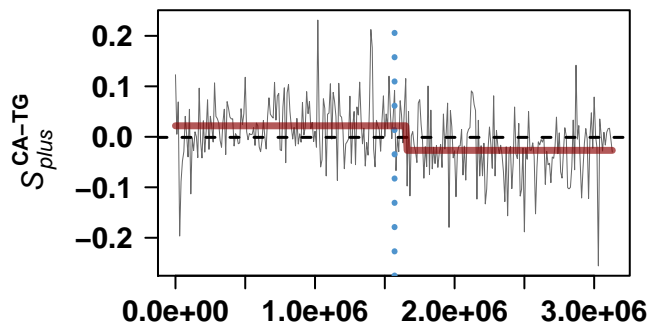
genome coordinates



genome coordinates

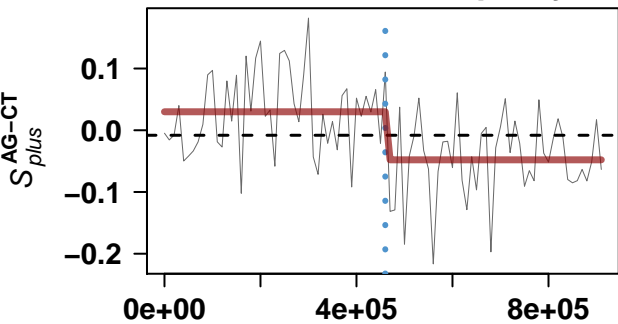


genome coordinates

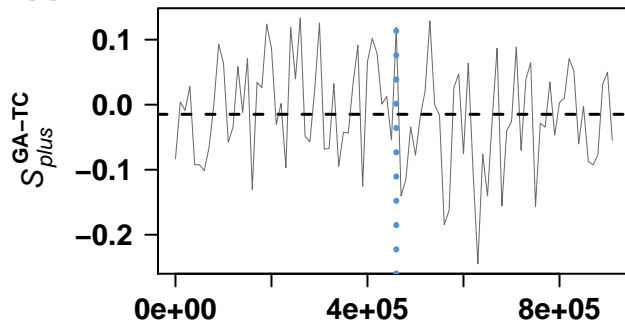


genome coordinates

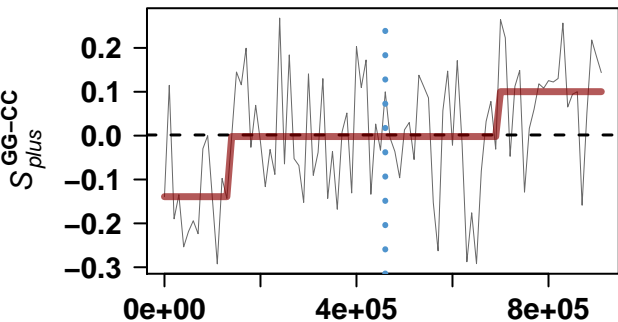
# Tropheryma whipplei TW08/27



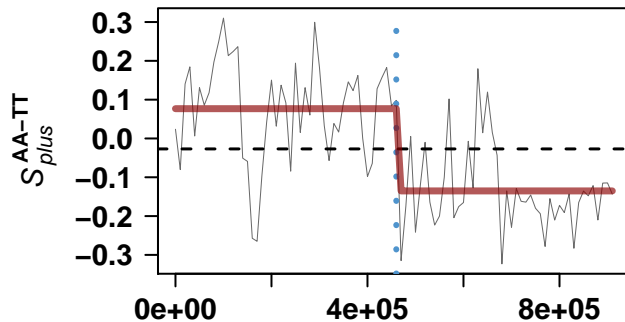
genome coordinates



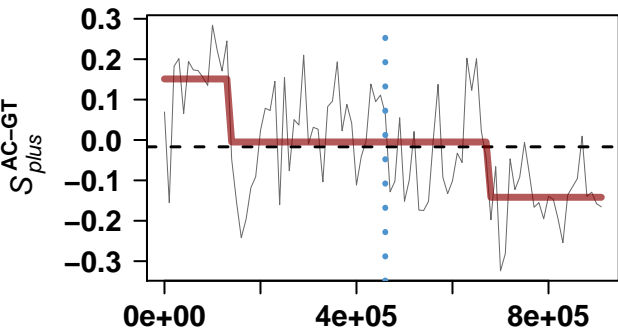
genome coordinates



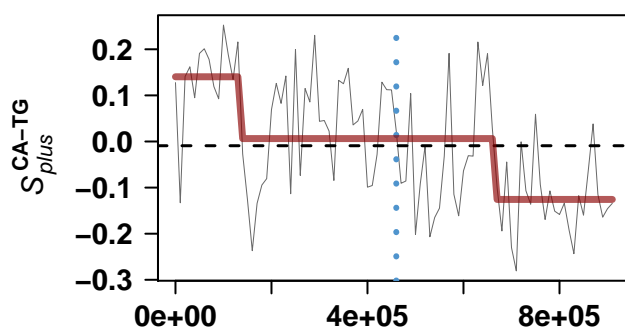
genome coordinates



genome coordinates

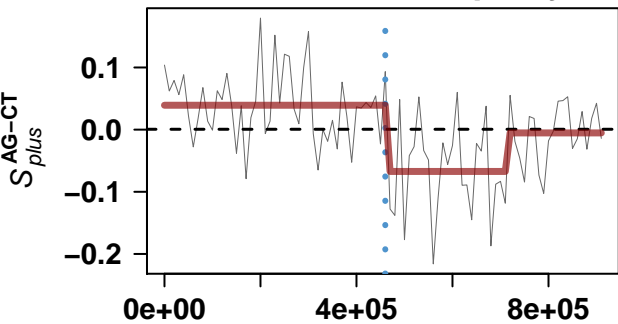


genome coordinates

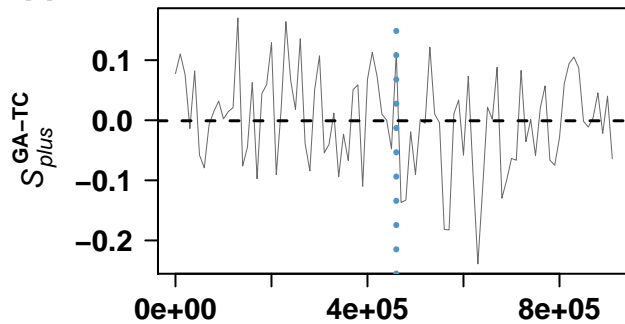


genome coordinates

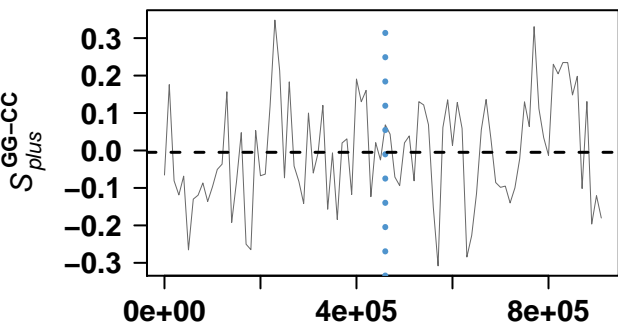
# Tropheryma whipplei str. Twist



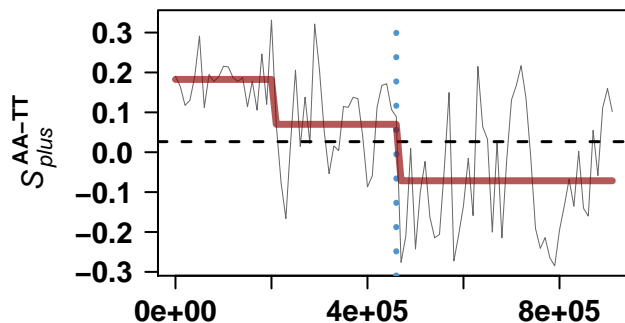
genome coordinates



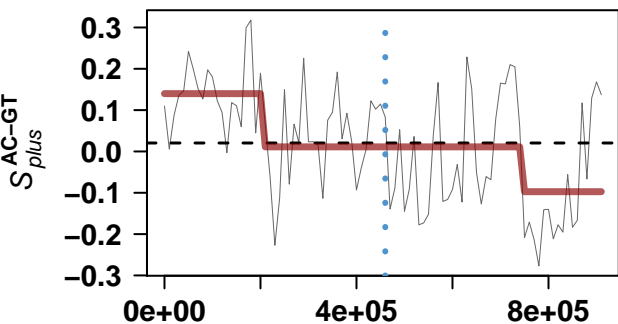
genome coordinates



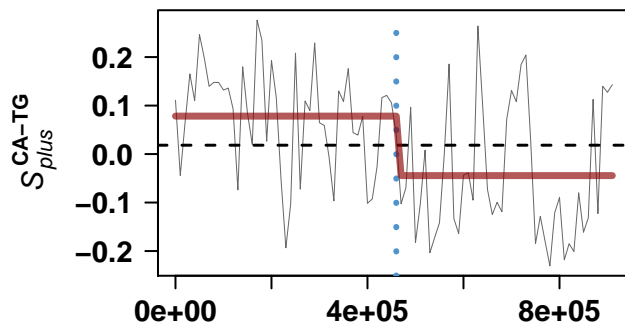
genome coordinates



genome coordinates

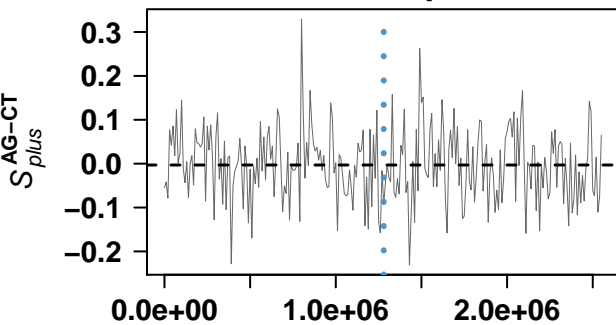


genome coordinates

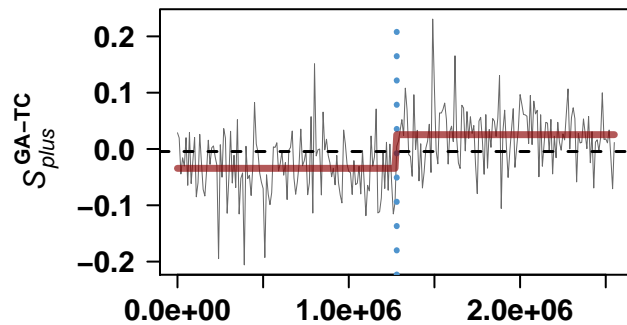


genome coordinates

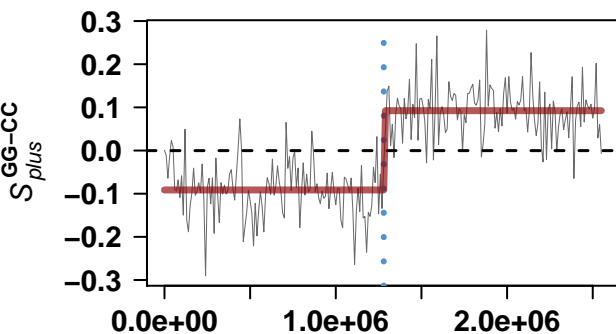
# Propionibacterium acnes KPA171202



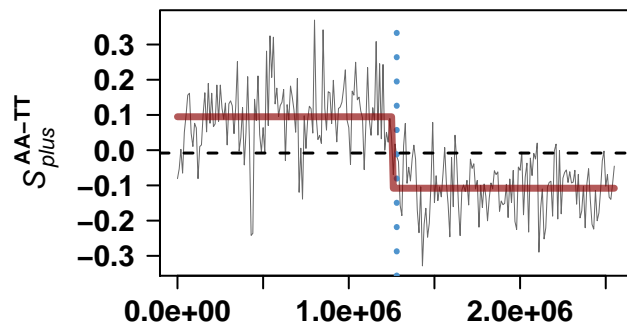
genome coordinates



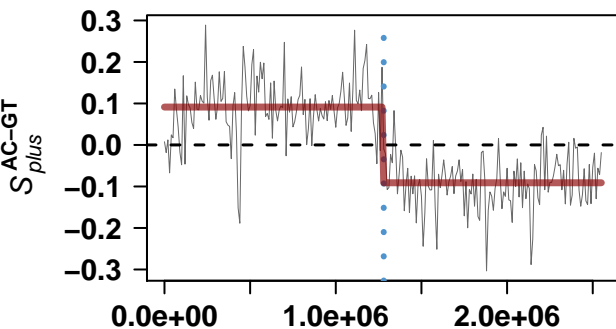
genome coordinates



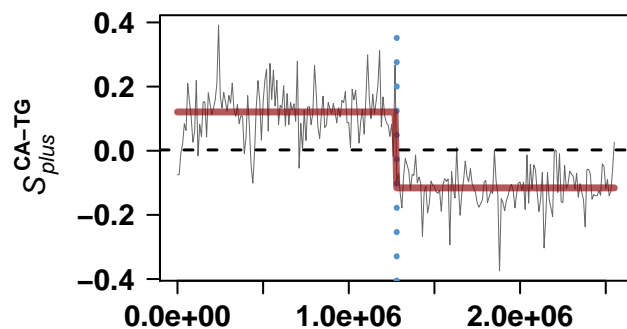
genome coordinates



genome coordinates

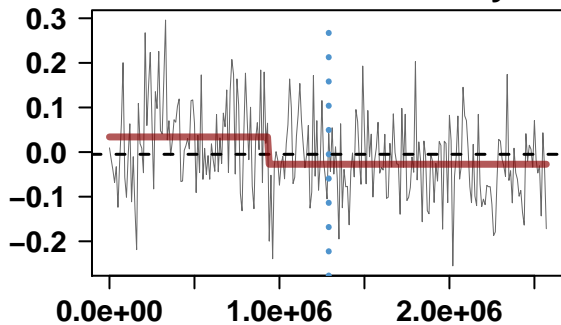


genome coordinates

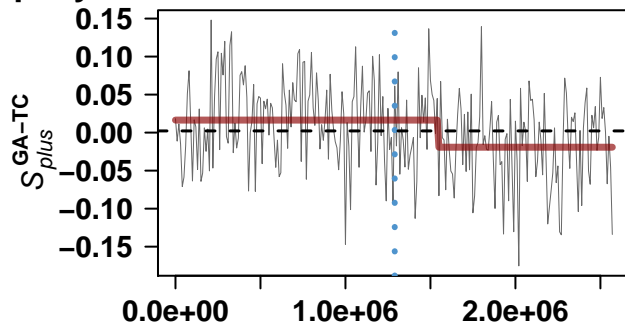


genome coordinates

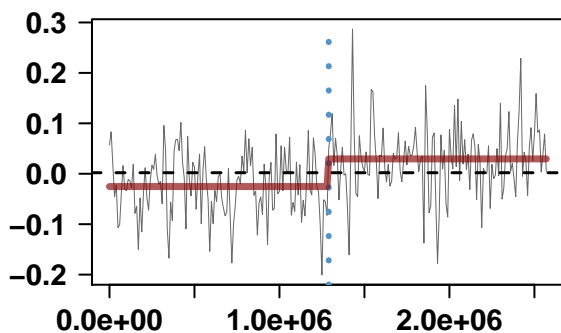
# Leifsonia xyli subsp. xyli str. CTCB07



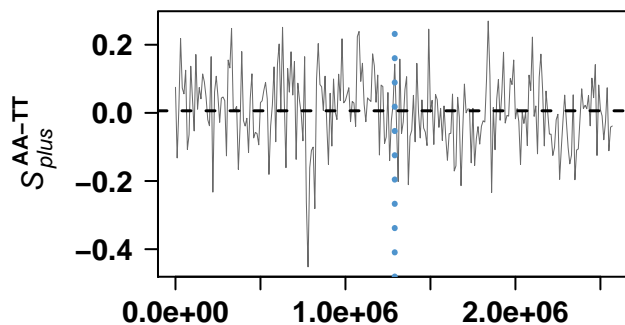
genome coordinates



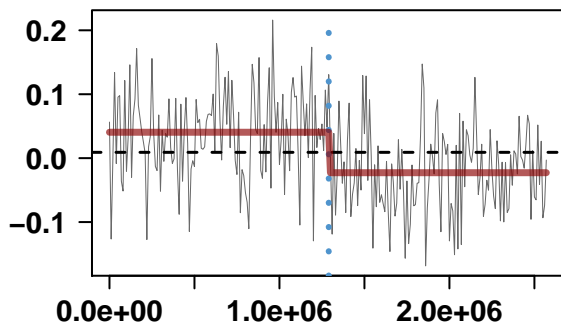
genome coordinates



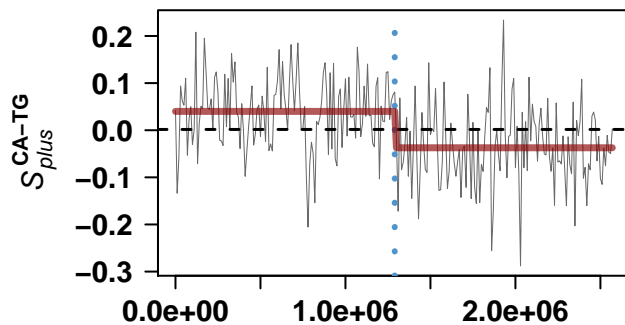
genome coordinates



genome coordinates

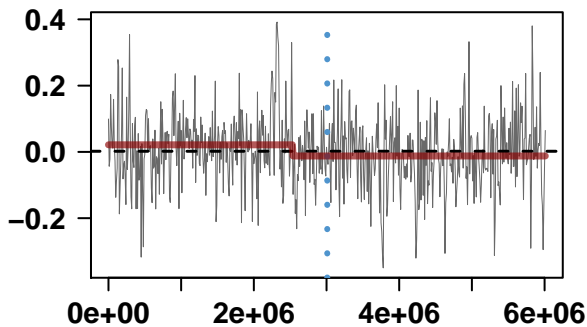


genome coordinates

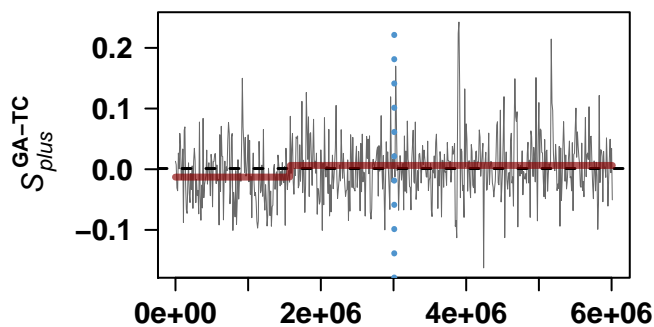


genome coordinates

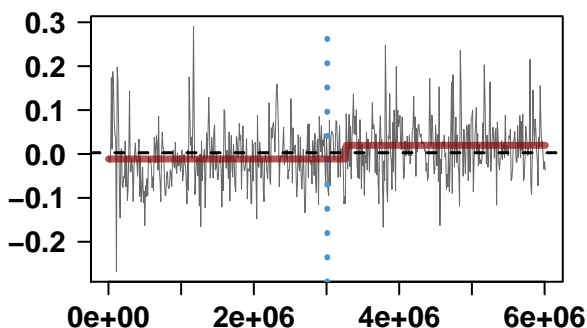
# *Nocardia farcinica* IFM 10152



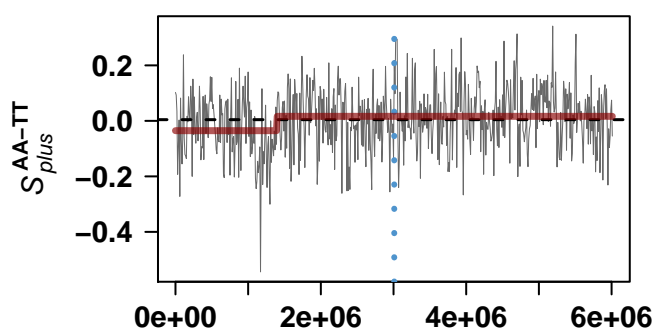
genome coordinates



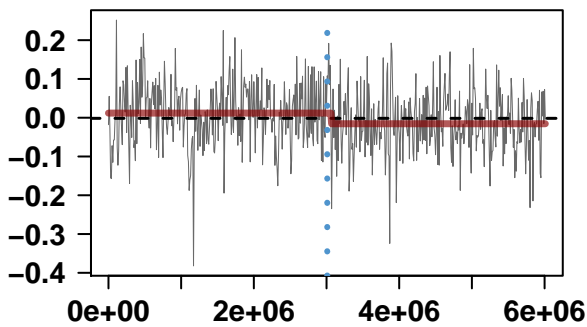
genome coordinates



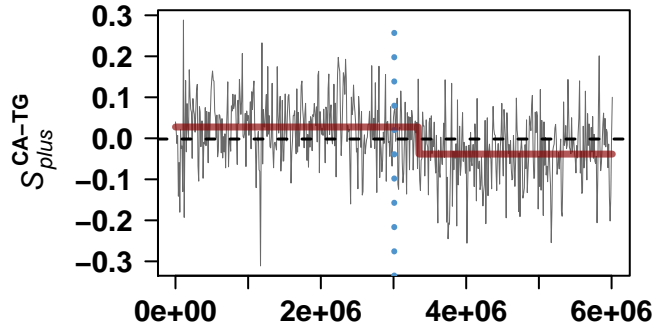
genome coordinates



genome coordinates

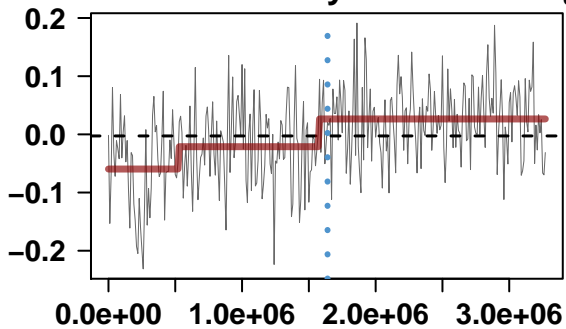


genome coordinates

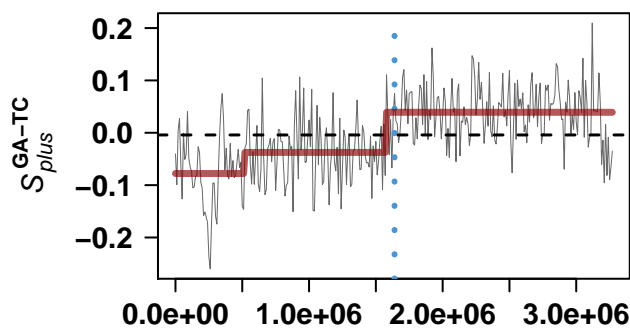


genome coordinates

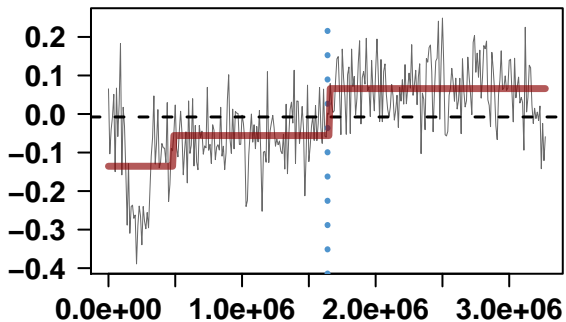
# Corynebacterium glutamicum ATCC 13032



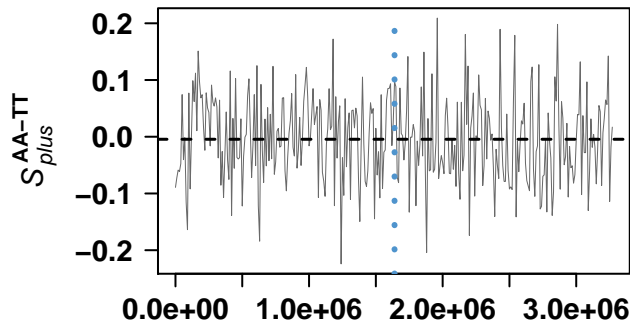
genome coordinates



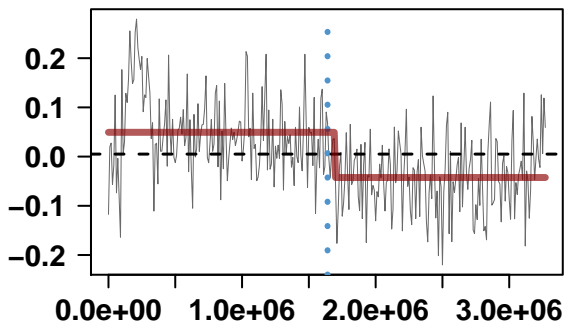
genome coordinates



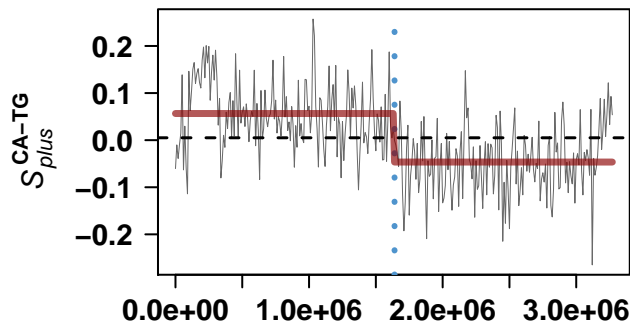
genome coordinates



genome coordinates

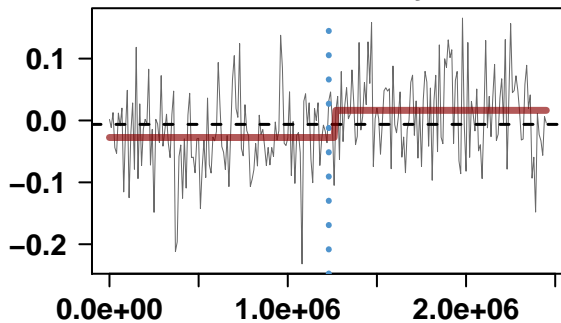


genome coordinates

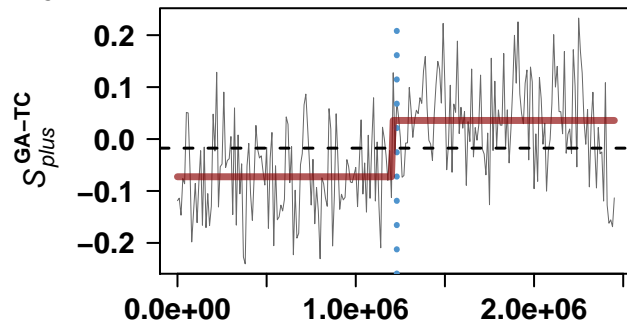


genome coordinates

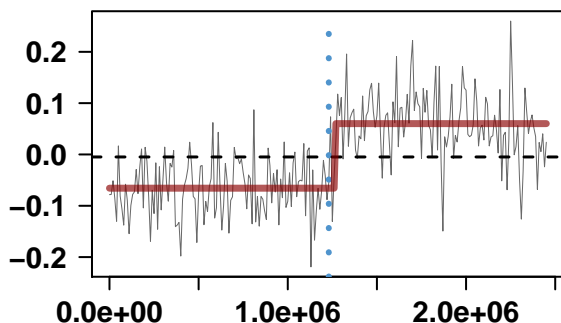
# Corynebacterium jeikeium K411



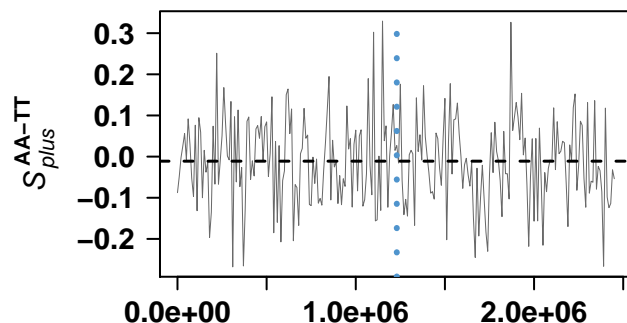
genome coordinates



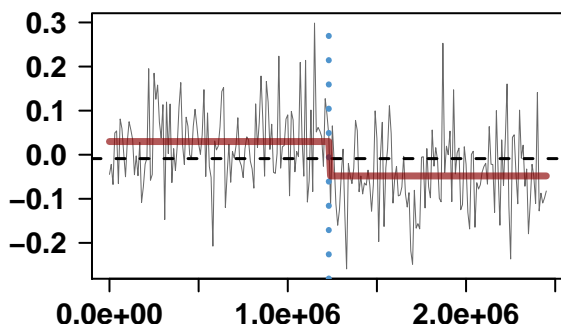
genome coordinates



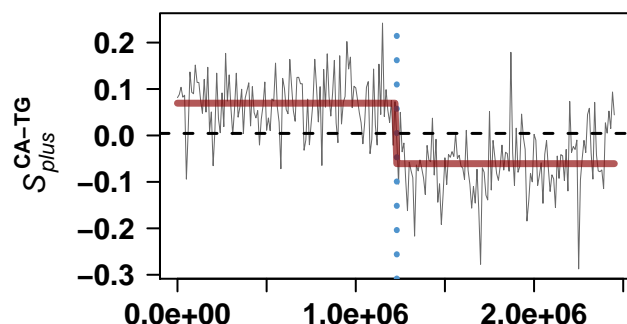
genome coordinates



genome coordinates

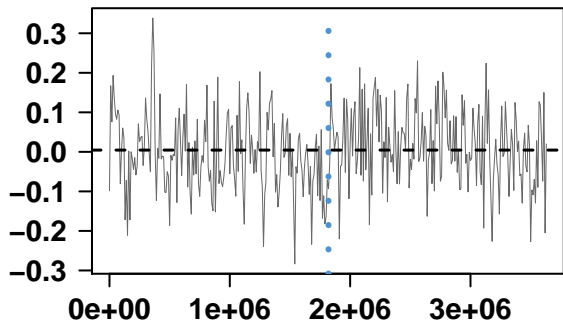


genome coordinates

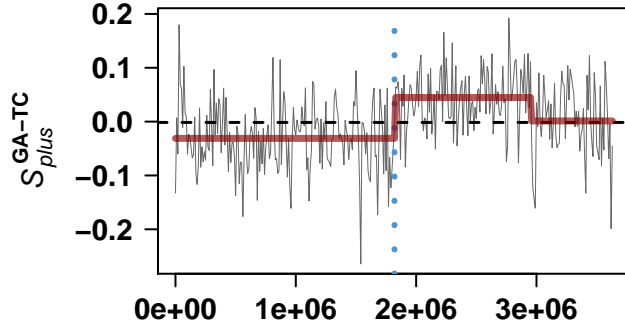


genome coordinates

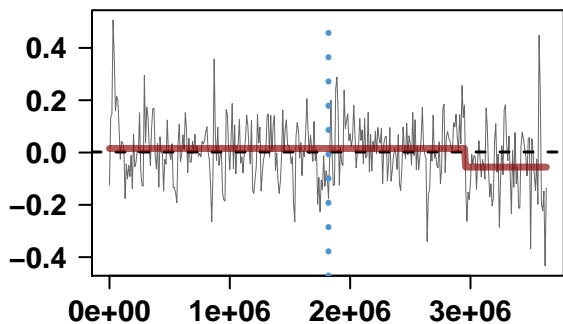
# Thermobifida fusca YX



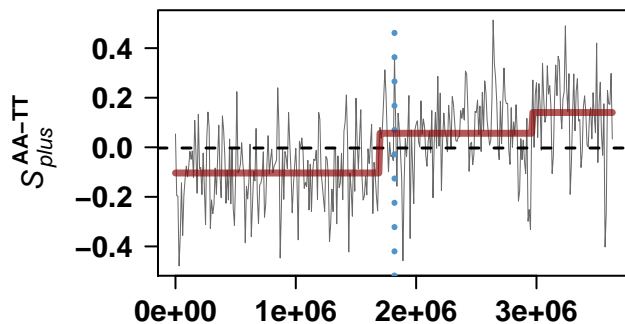
genome coordinates



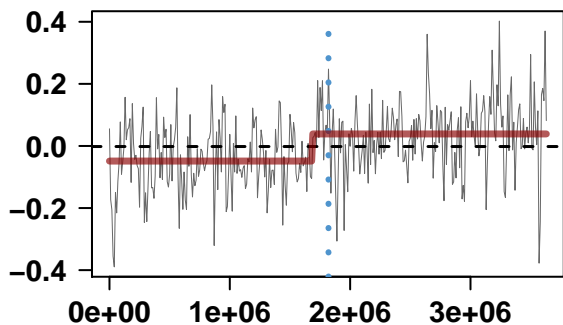
genome coordinates



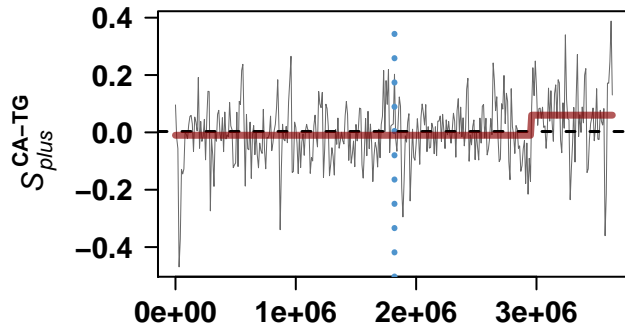
genome coordinates



genome coordinates

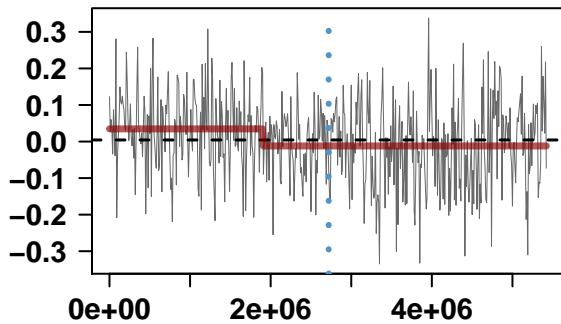


genome coordinates

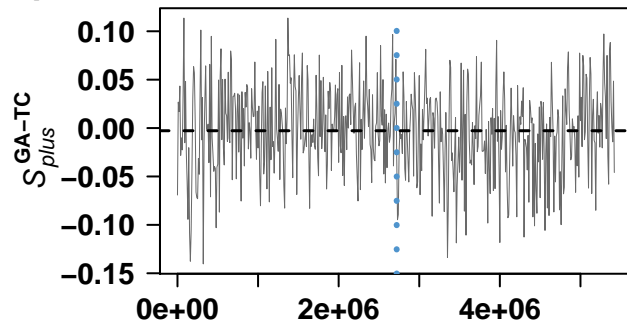


genome coordinates

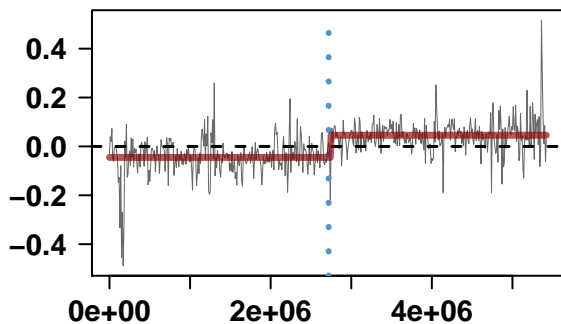
# Frankia sp. Ccl3



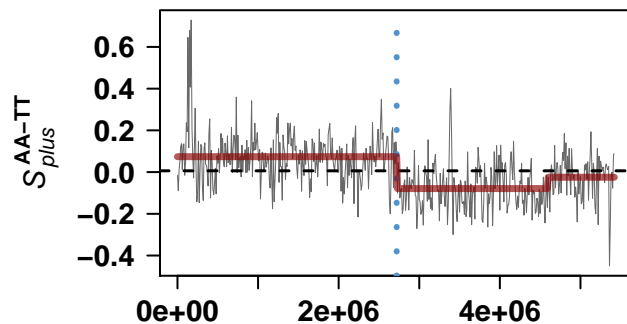
genome coordinates



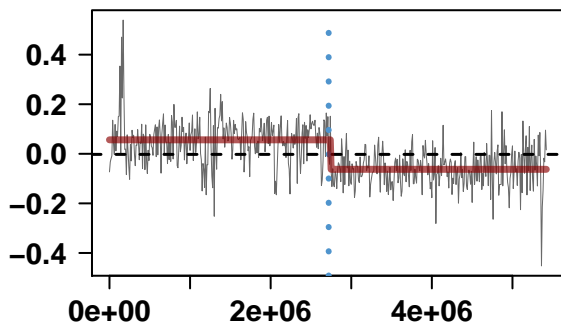
genome coordinates



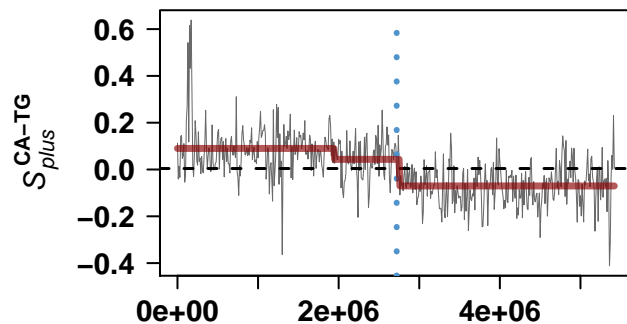
genome coordinates



genome coordinates

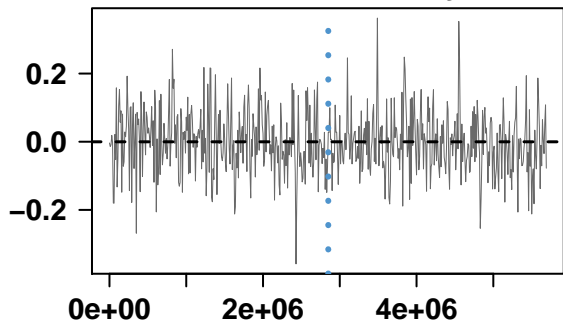


genome coordinates

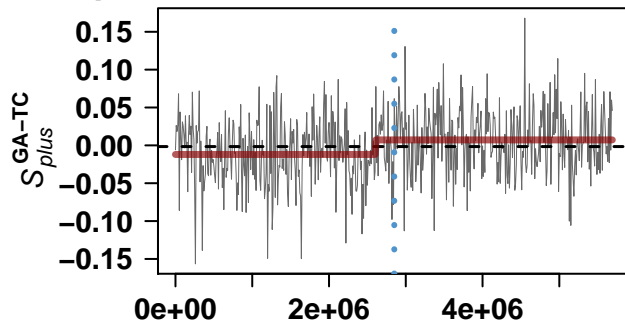


genome coordinates

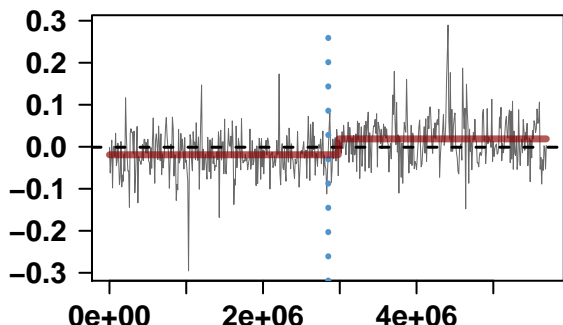
# Mycobacterium sp. MCS



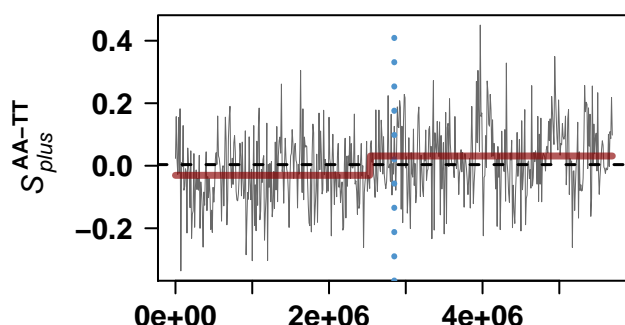
genome coordinates



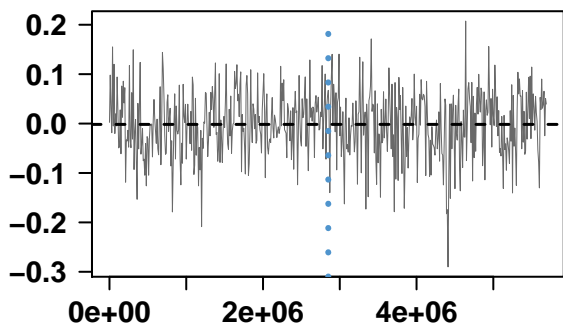
genome coordinates



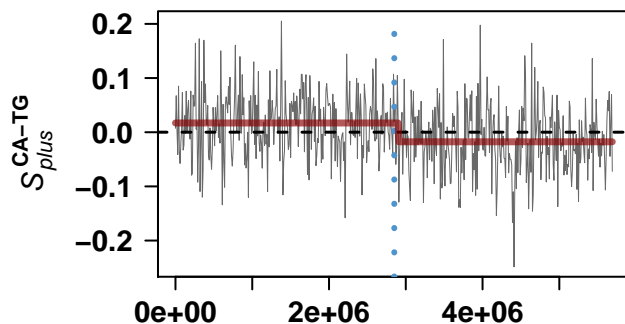
genome coordinates



genome coordinates

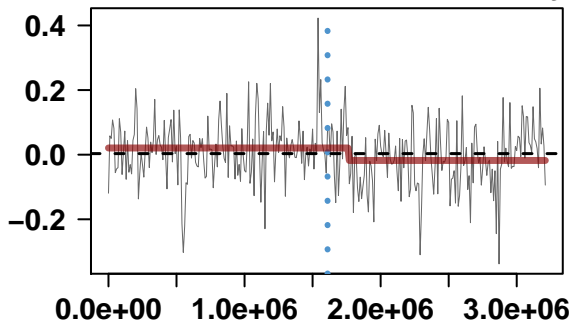


genome coordinates

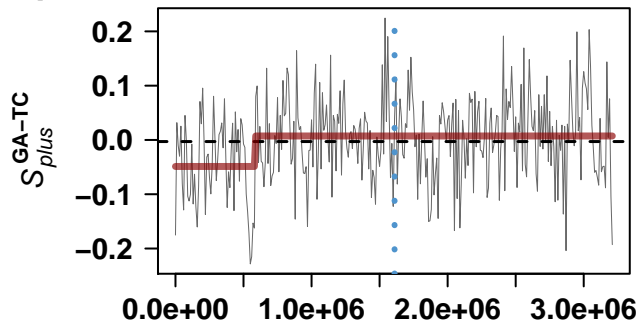


genome coordinates

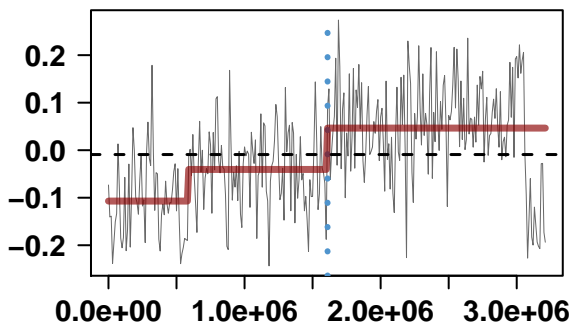
# Rubrobacter xylanophilus DSM 9941



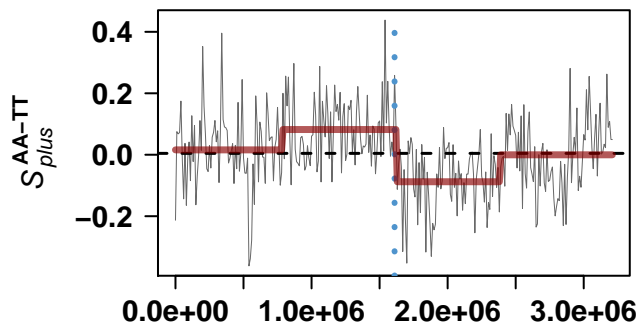
genome coordinates



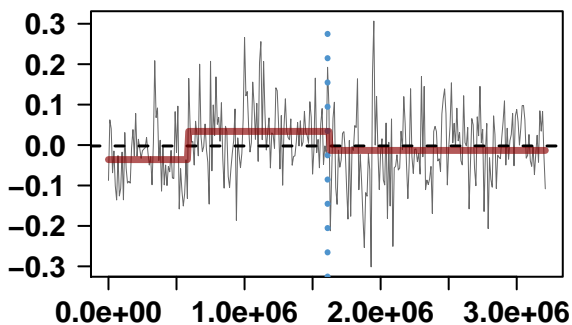
genome coordinates



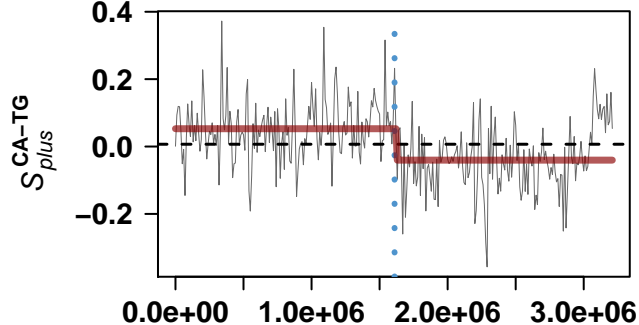
genome coordinates



genome coordinates

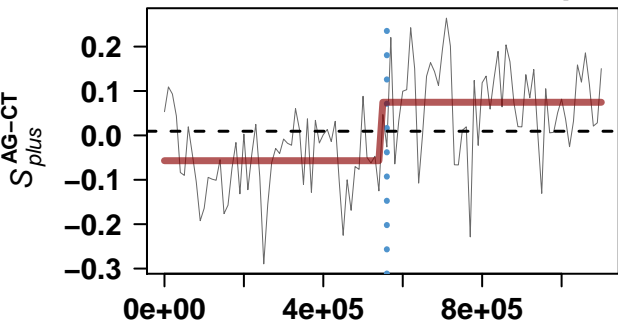


genome coordinates

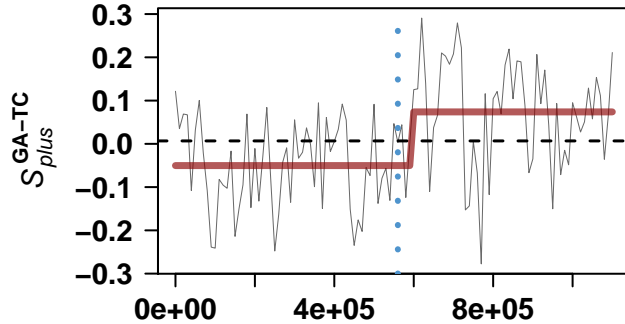


genome coordinates

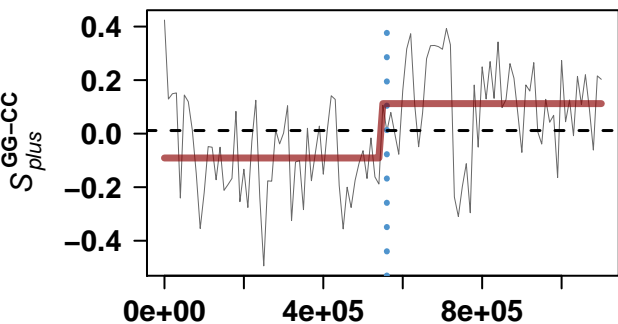
# Rickettsia prowazekii str. Madrid E



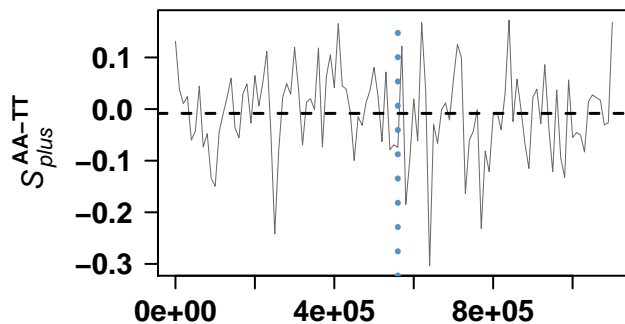
genome coordinates



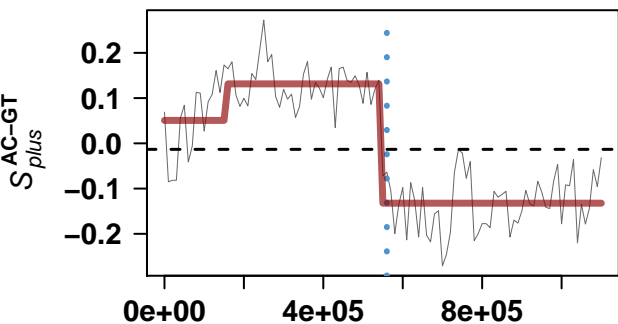
genome coordinates



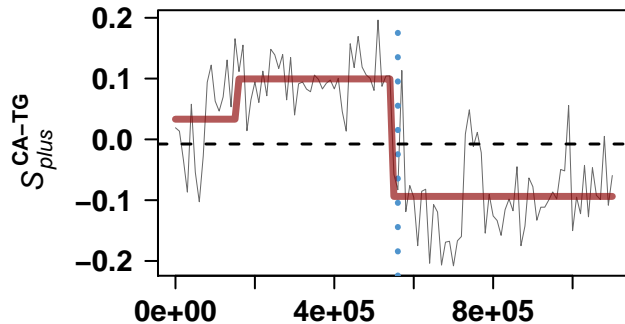
genome coordinates



genome coordinates

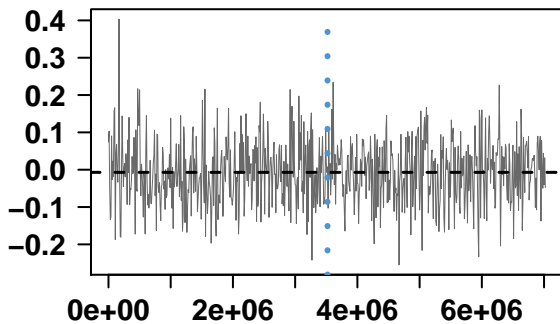


genome coordinates

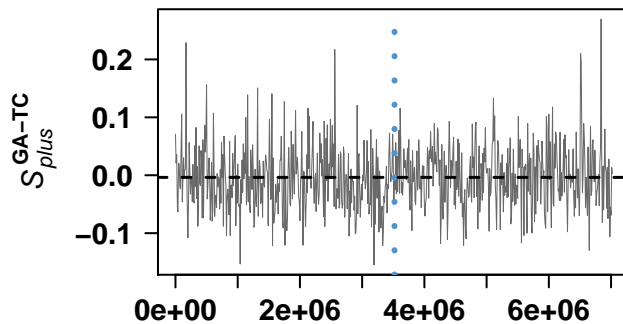


genome coordinates

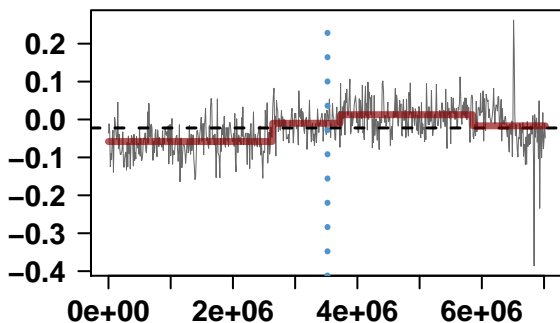
# Mesorhizobium loti MAFF303099



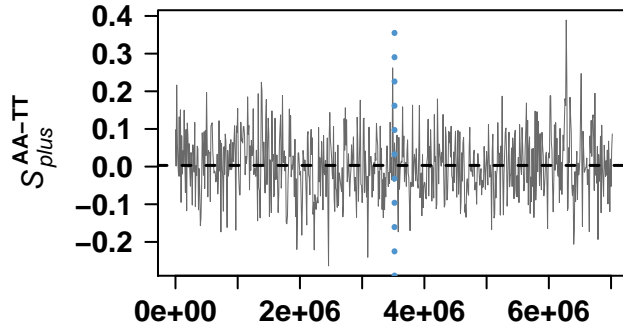
genome coordinates



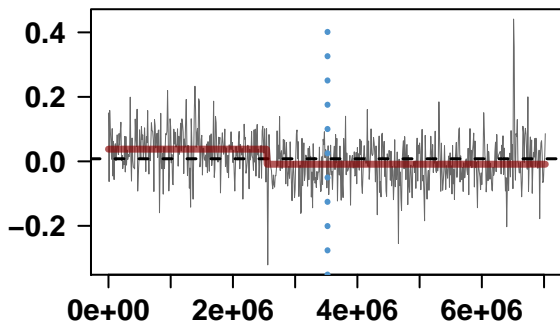
genome coordinates



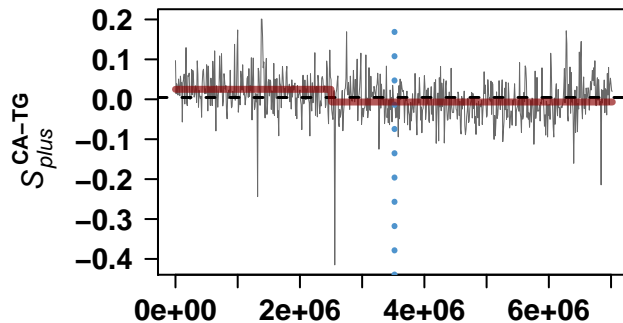
genome coordinates



genome coordinates

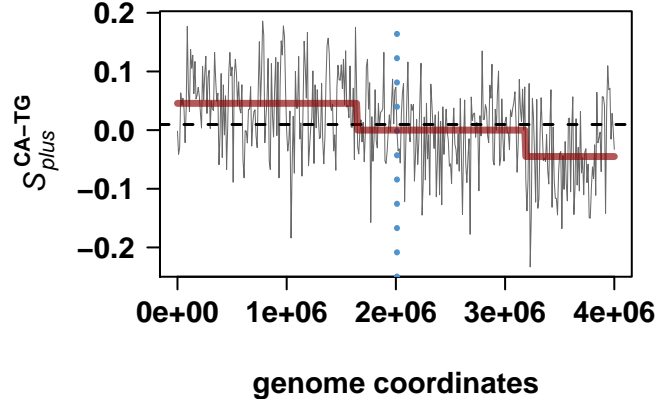
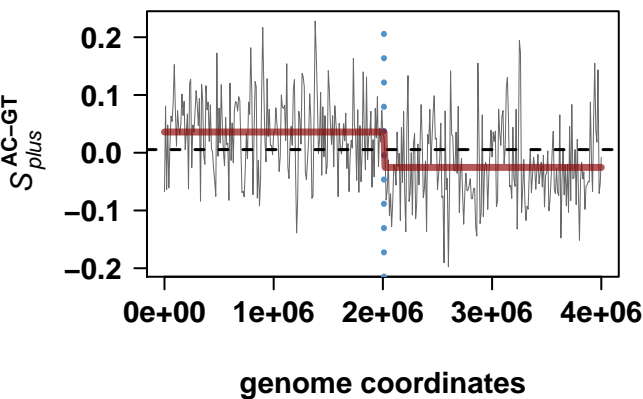
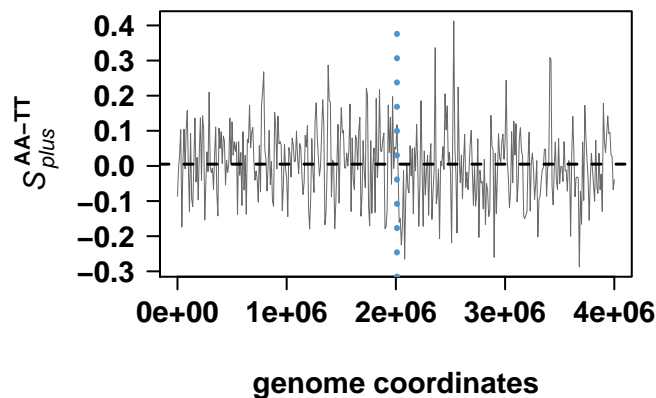
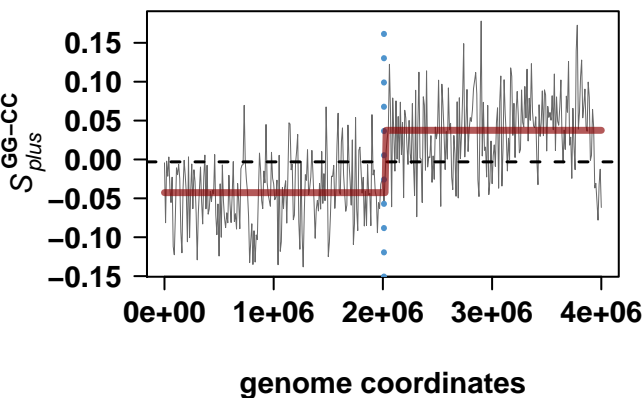
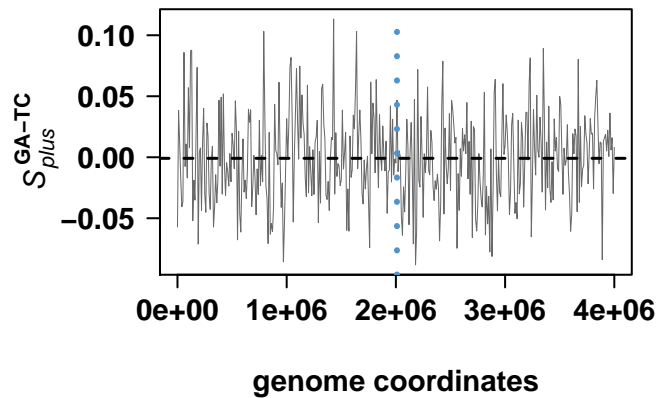
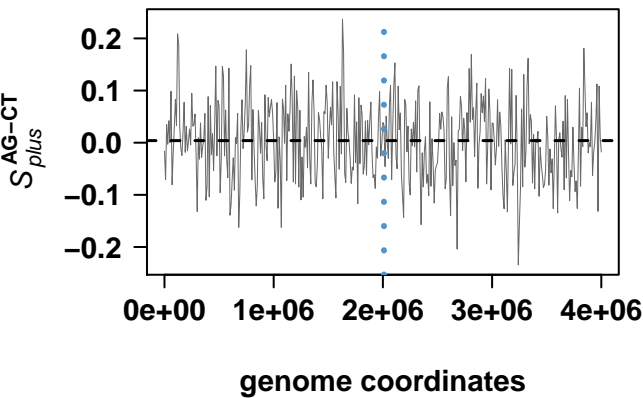


genome coordinates

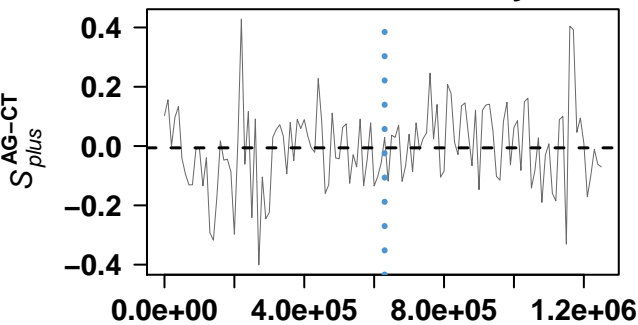


genome coordinates

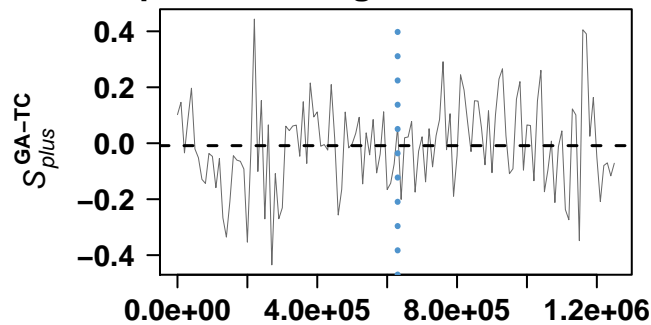
# Caulobacter crescentus CB15



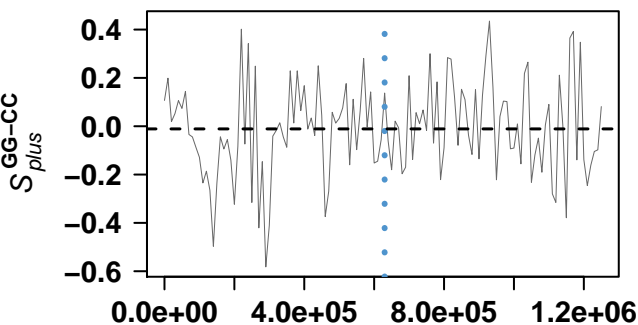
# Wolbachia endosymbiont of *Drosophila melanogaster*



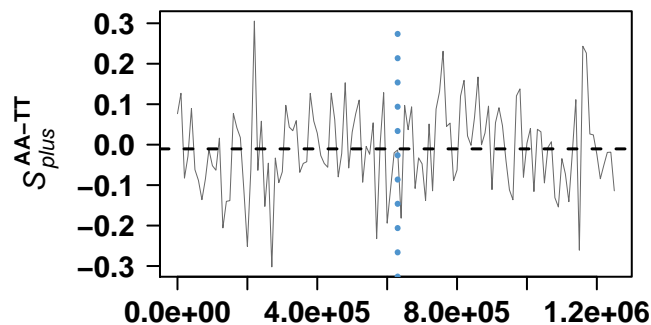
genome coordinates



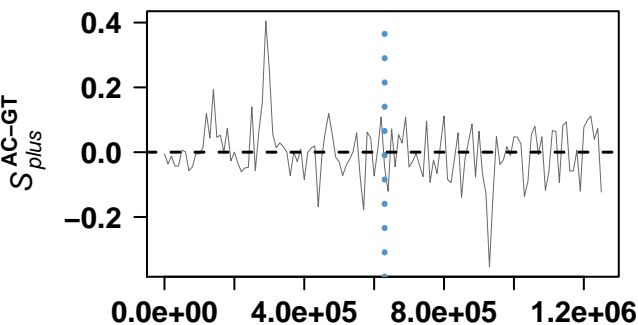
genome coordinates



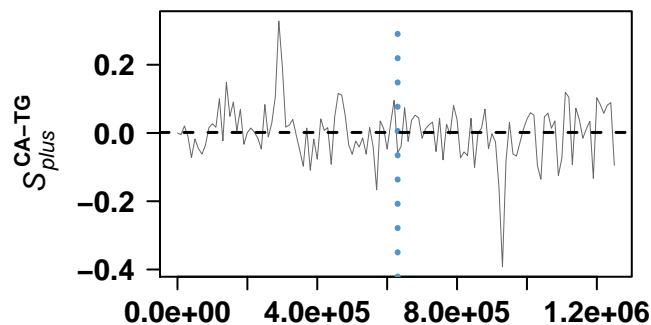
genome coordinates



genome coordinates

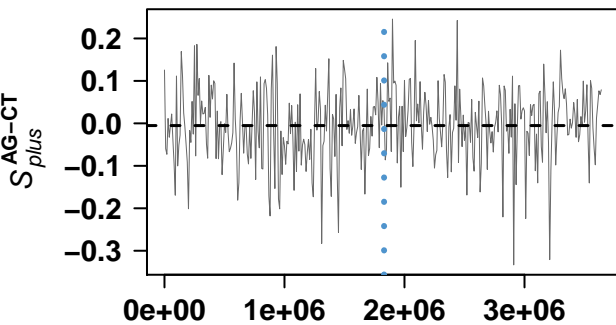


genome coordinates

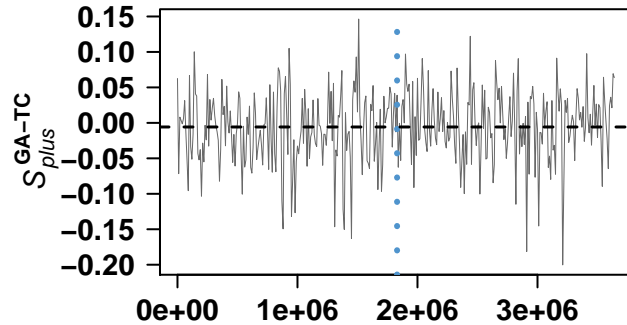


genome coordinates

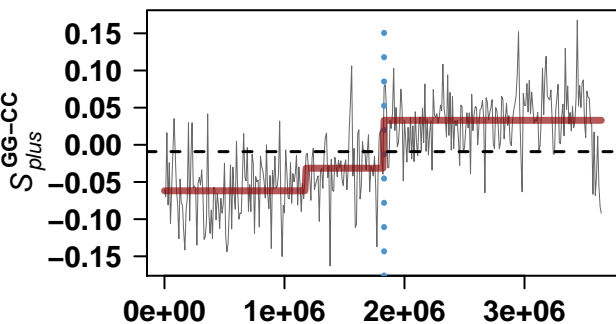
# Sinorhizobium meliloti 1021



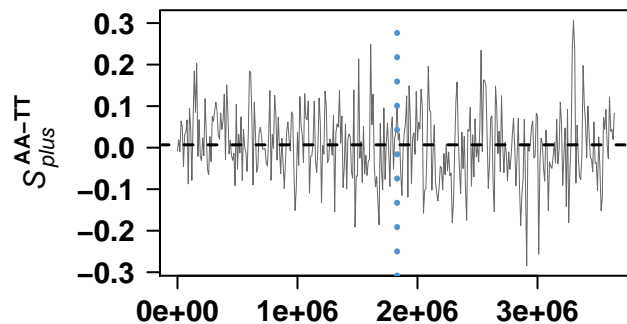
genome coordinates



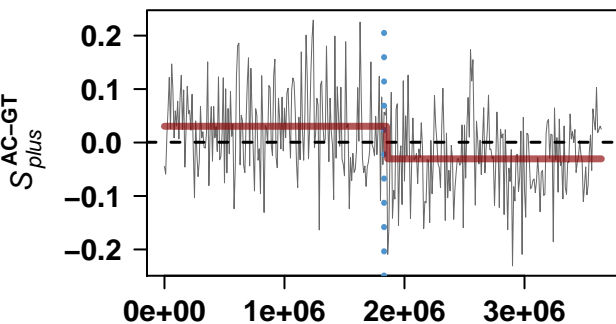
genome coordinates



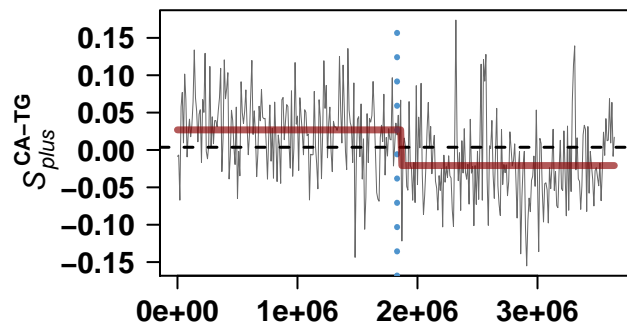
genome coordinates



genome coordinates

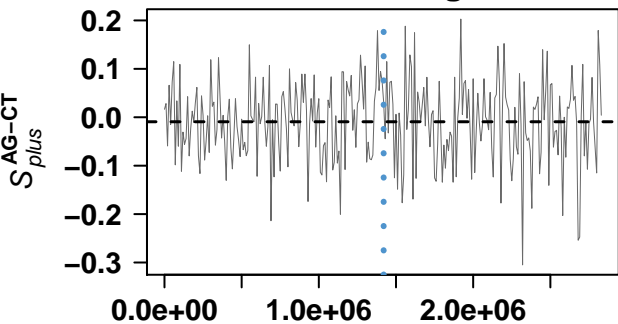


genome coordinates

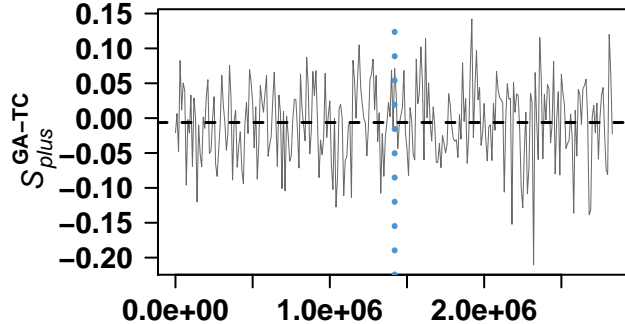


genome coordinates

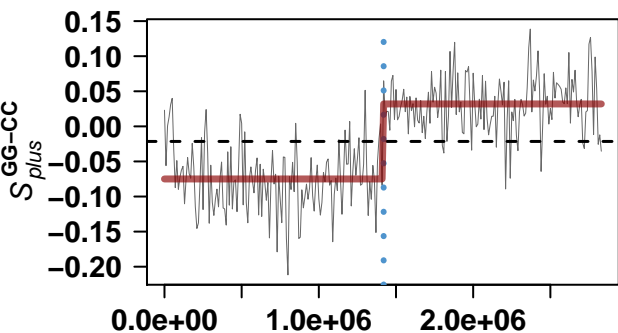
# Agrobacterium fabrum str. C58



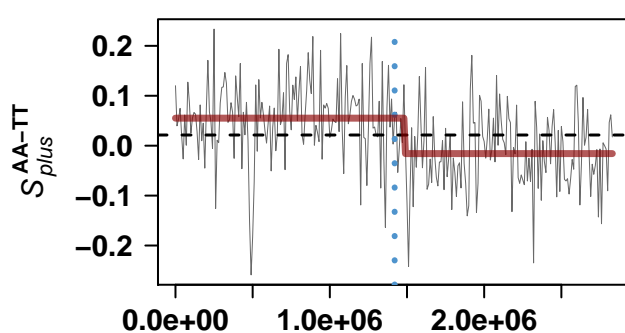
genome coordinates



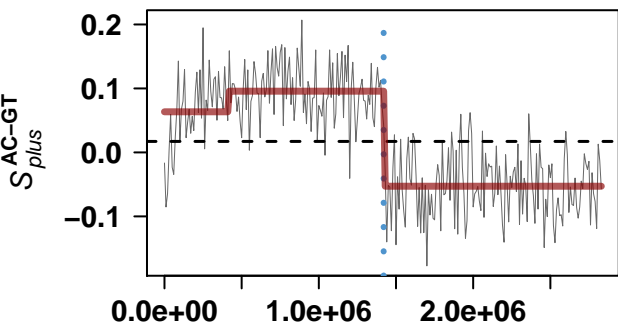
genome coordinates



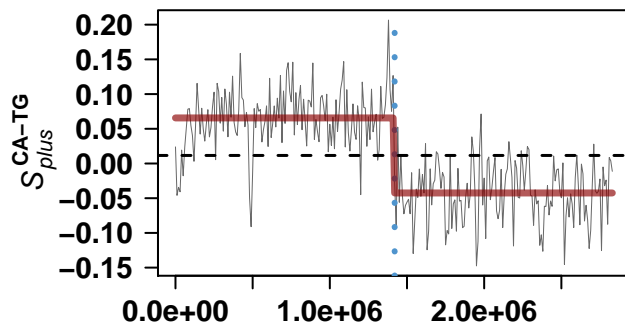
genome coordinates



genome coordinates

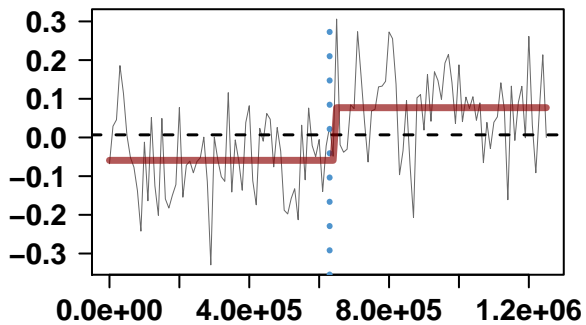


genome coordinates

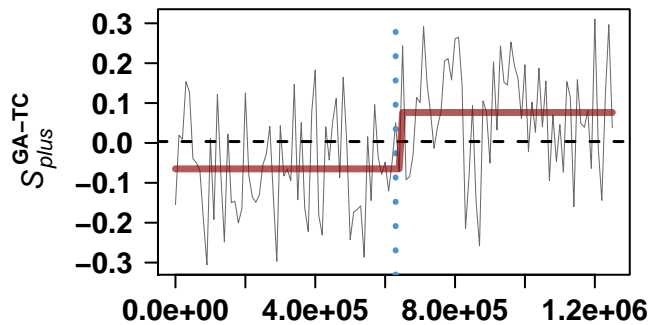


genome coordinates

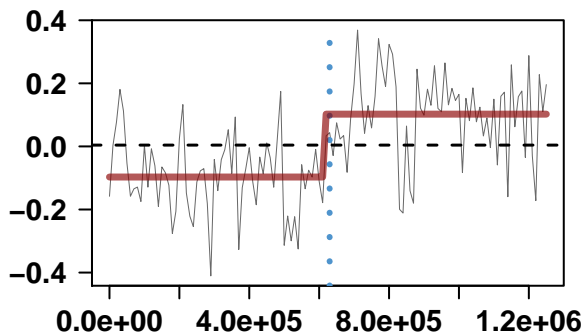
# Rickettsia conorii str. Malish 7



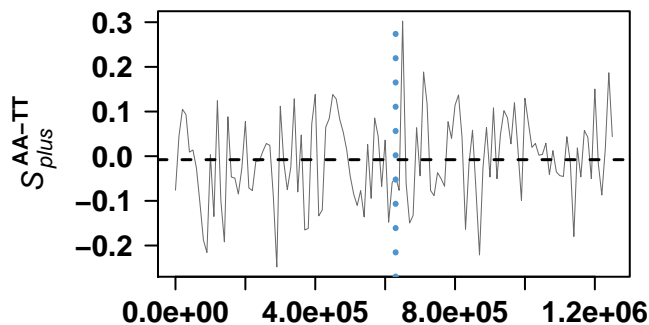
genome coordinates



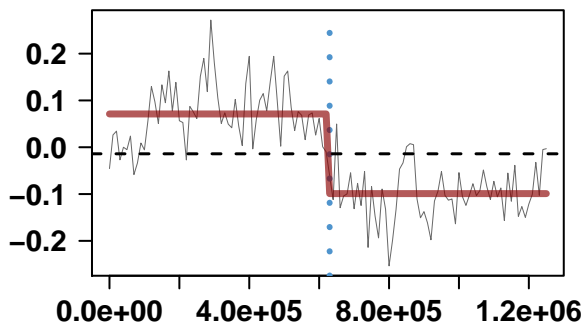
genome coordinates



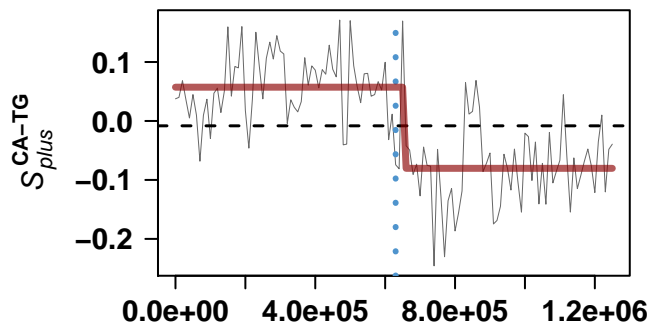
genome coordinates



genome coordinates

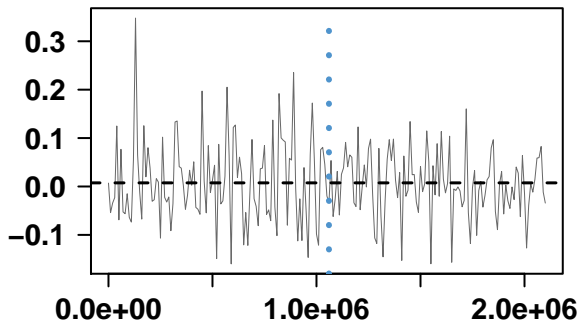


genome coordinates

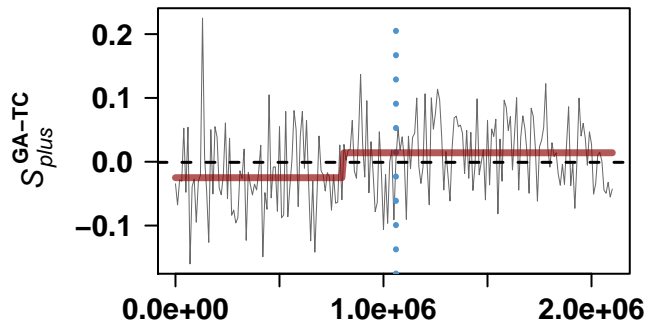


genome coordinates

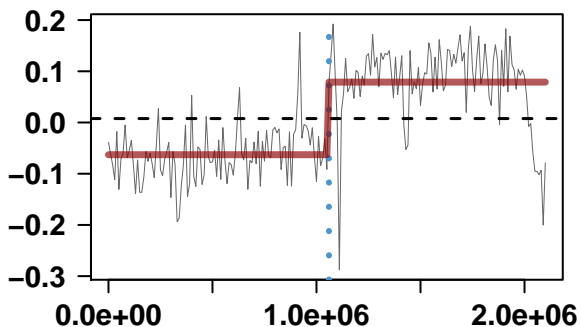
# Brucella melitensis bv. 1 str. 16M



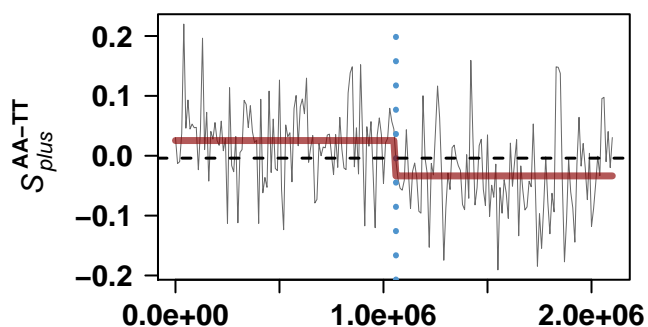
genome coordinates



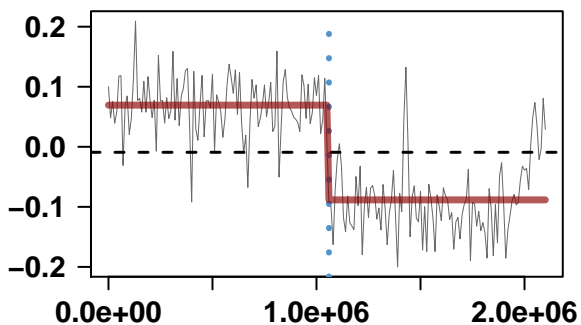
genome coordinates



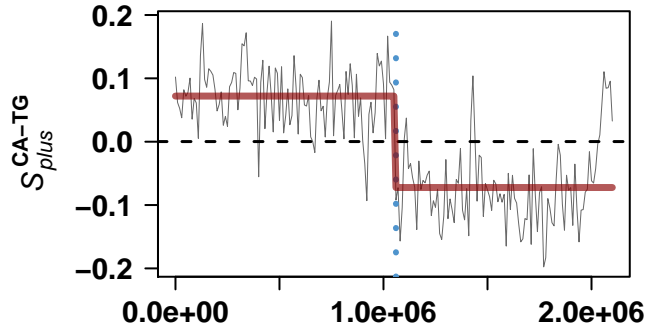
genome coordinates



genome coordinates

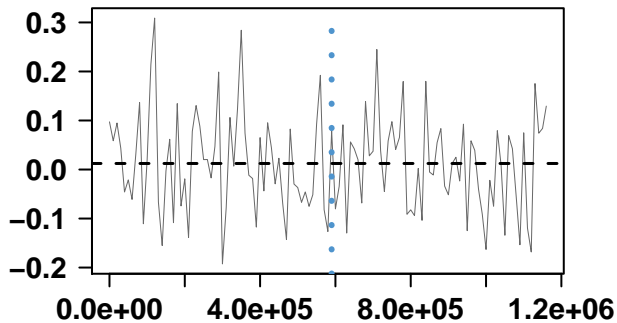


genome coordinates

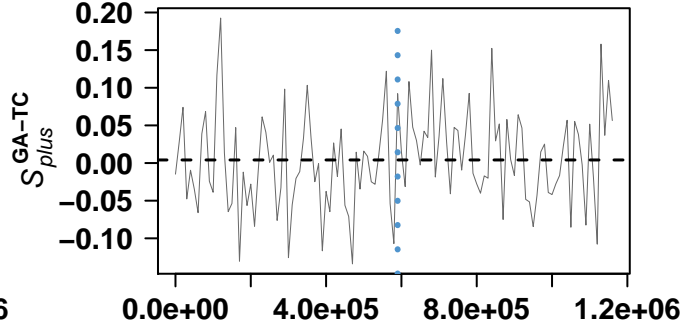


genome coordinates

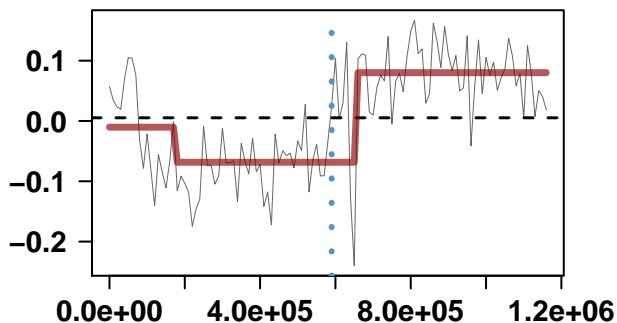
# Brucella melitensis bv. 1 str. 16M



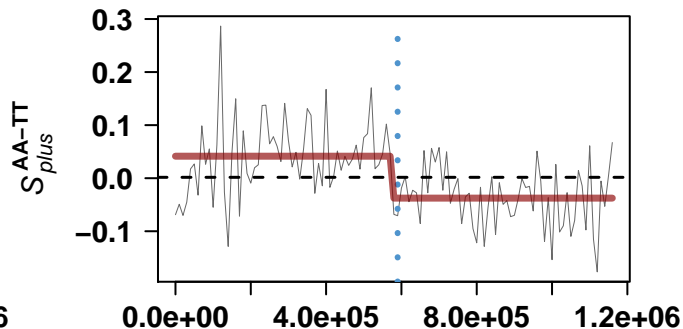
genome coordinates



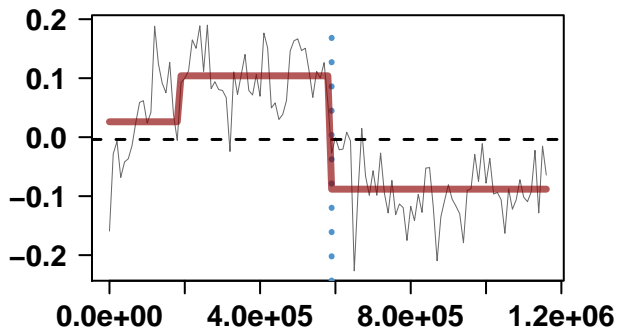
genome coordinates



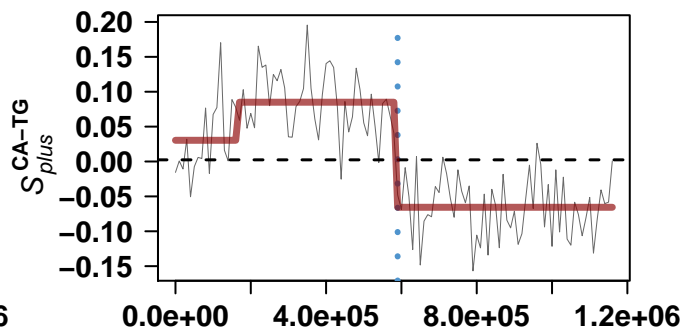
genome coordinates



genome coordinates

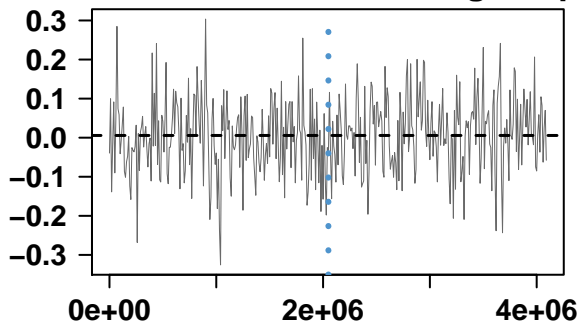


genome coordinates

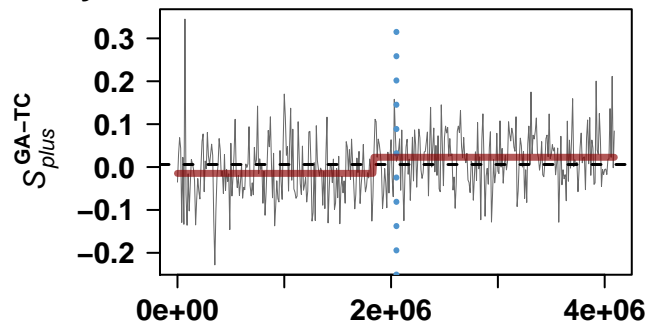


genome coordinates

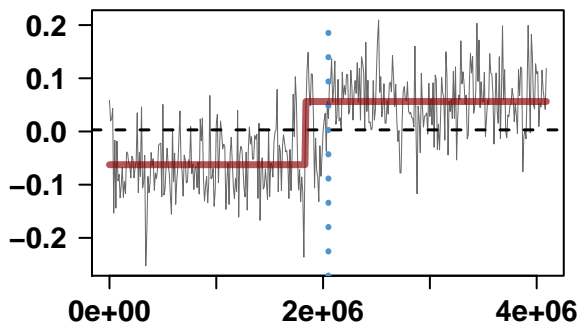
# Ruegeria pomeroyi DSS-3



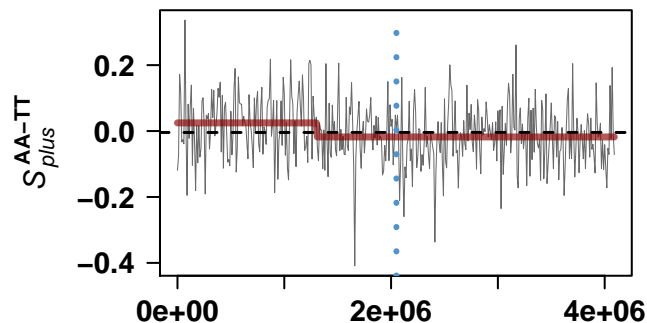
genome coordinates



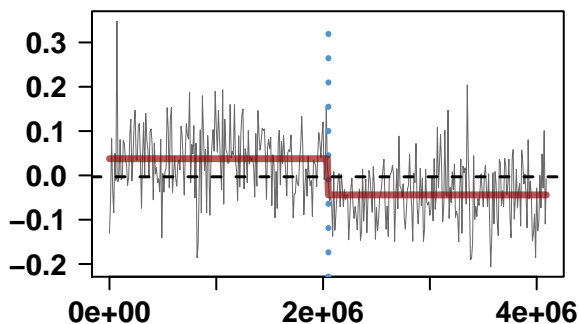
genome coordinates



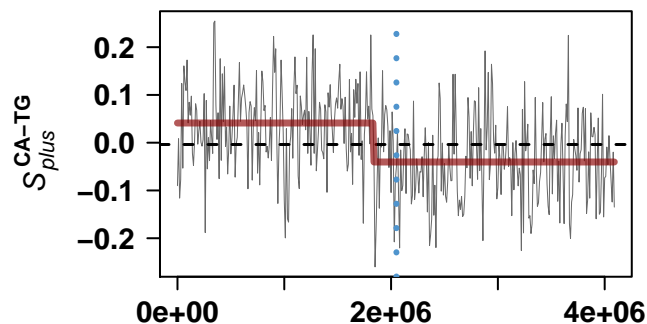
genome coordinates



genome coordinates

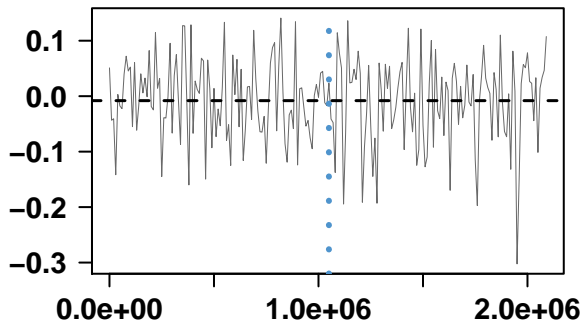


genome coordinates

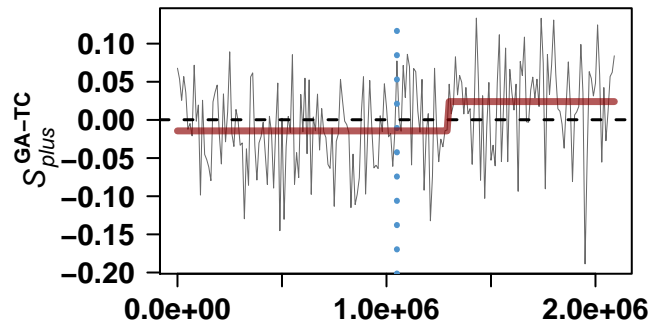


genome coordinates

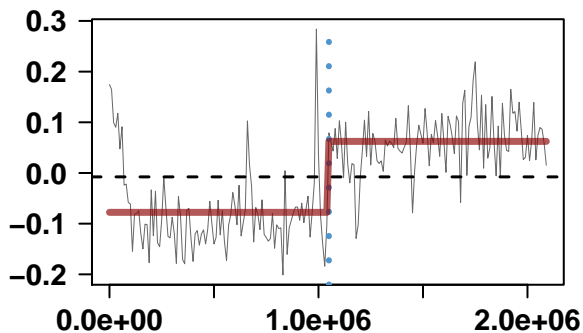
# Brucella suis 1330



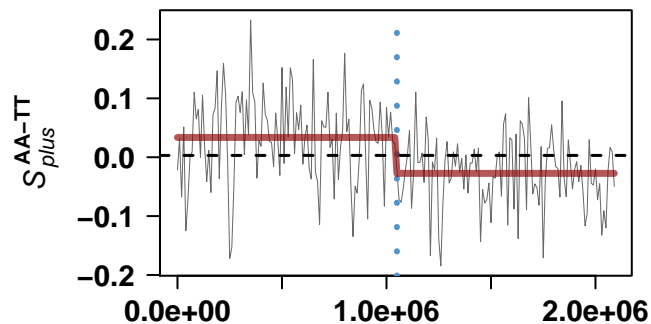
genome coordinates



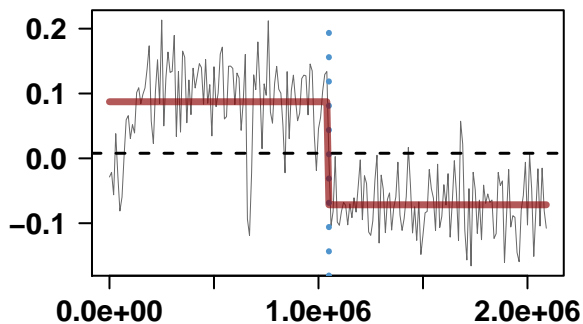
genome coordinates



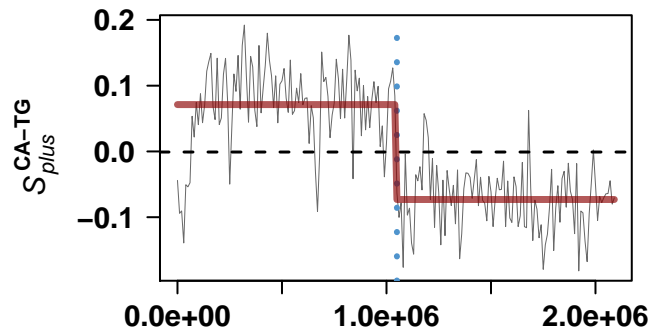
genome coordinates



genome coordinates

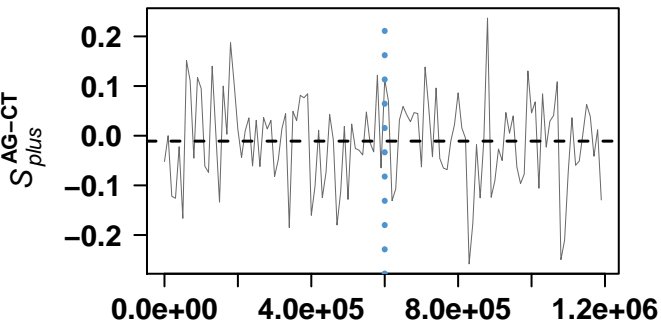


genome coordinates

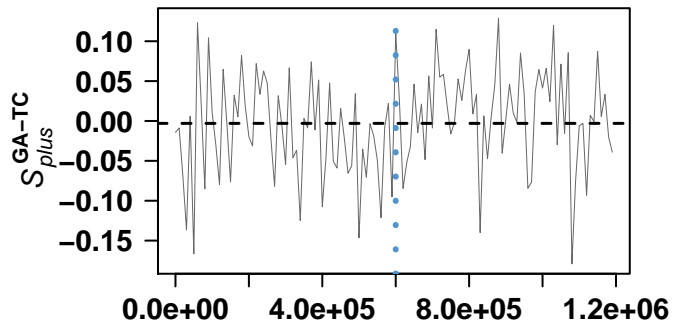


genome coordinates

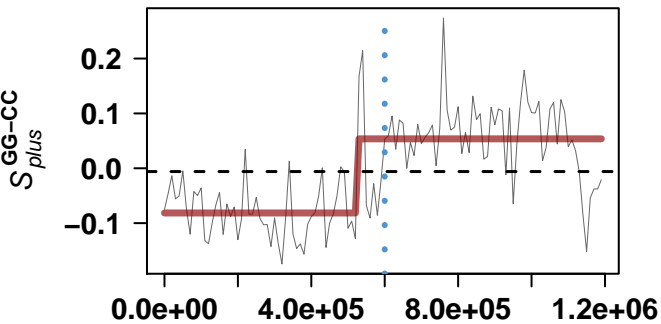
# Brucella suis 1330



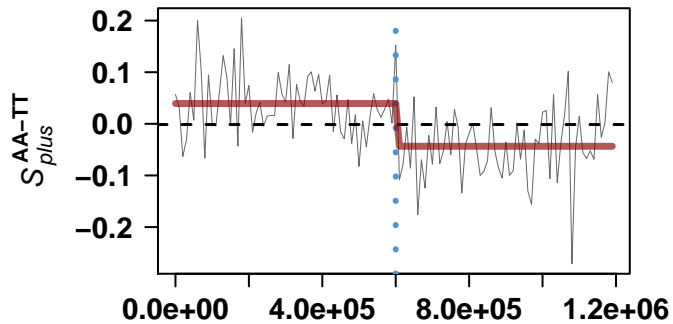
genome coordinates



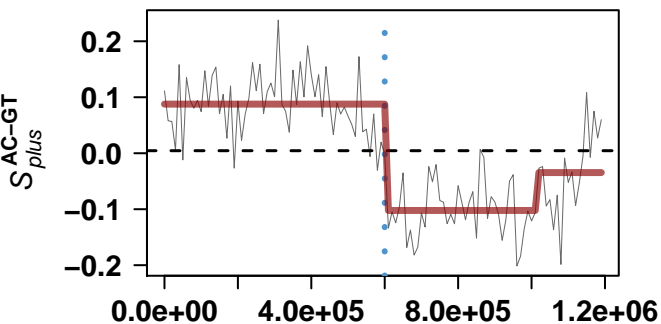
genome coordinates



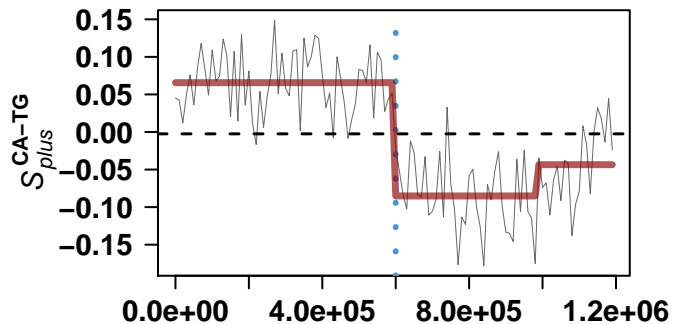
genome coordinates



genome coordinates

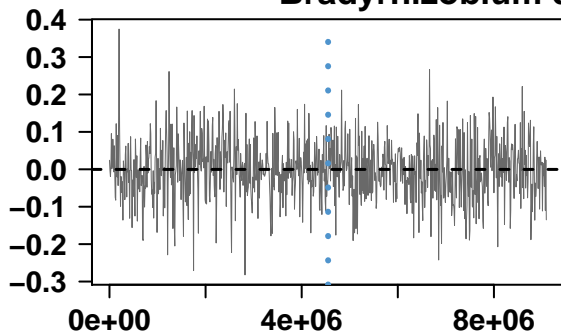


genome coordinates

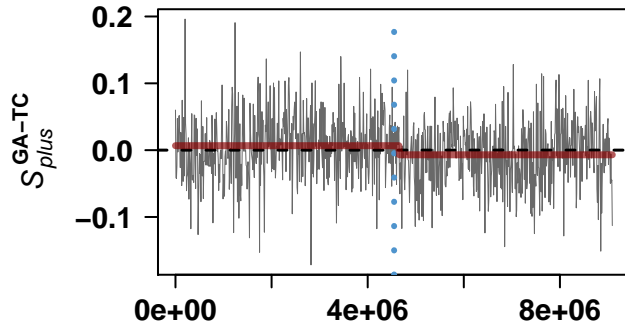


genome coordinates

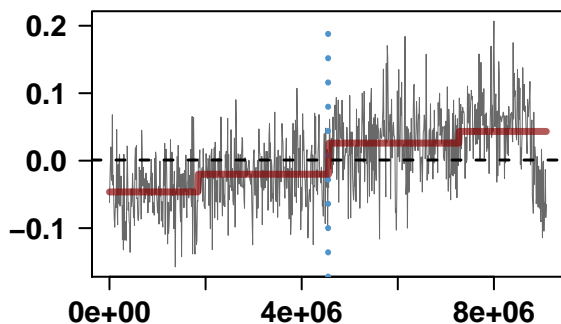
# Bradyrhizobium diazoefficiens USDA 110



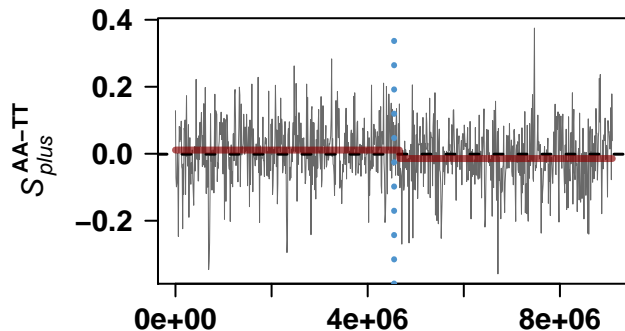
genome coordinates



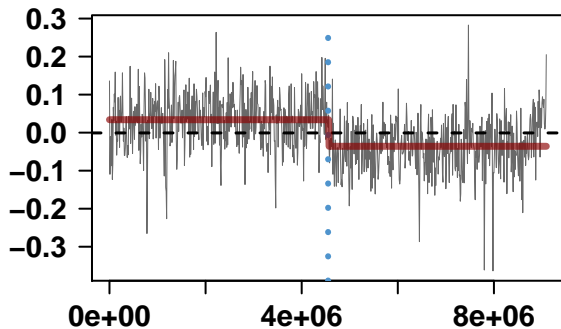
genome coordinates



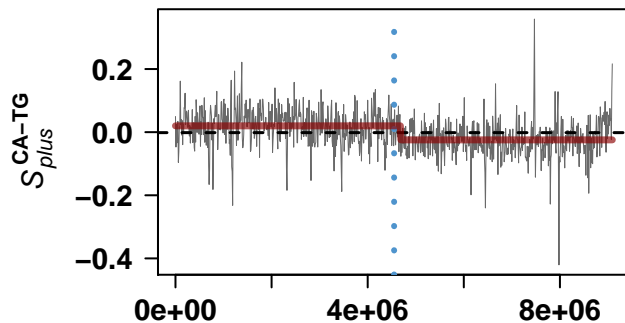
genome coordinates



genome coordinates

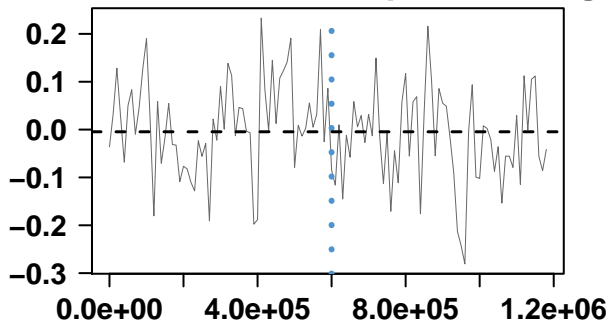


genome coordinates

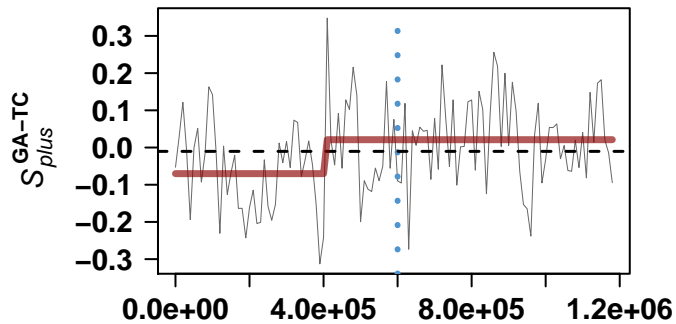


genome coordinates

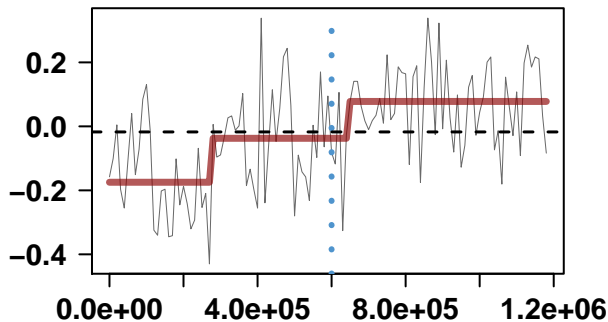
# Anaplasma marginale str. St. Maries



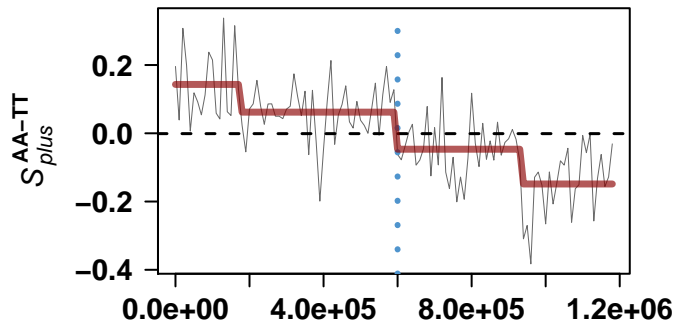
genome coordinates



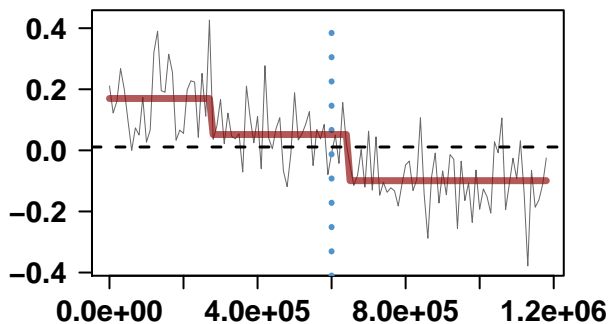
genome coordinates



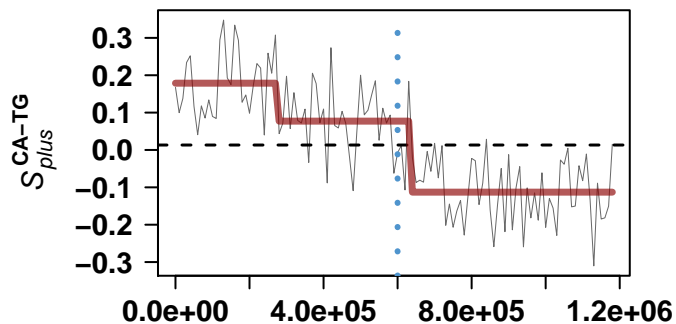
genome coordinates



genome coordinates

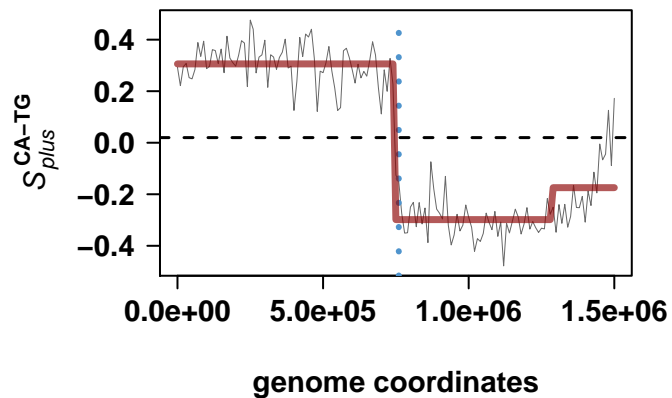
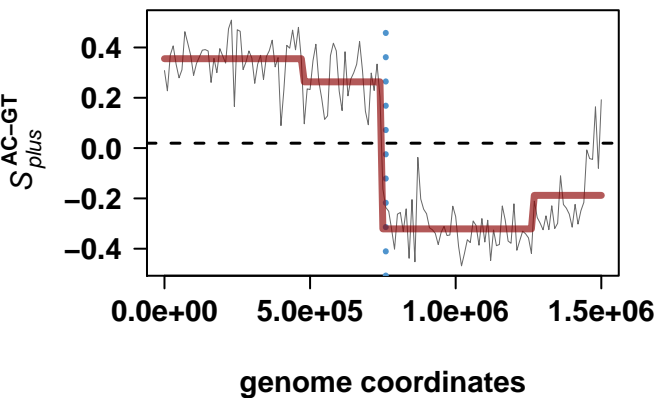
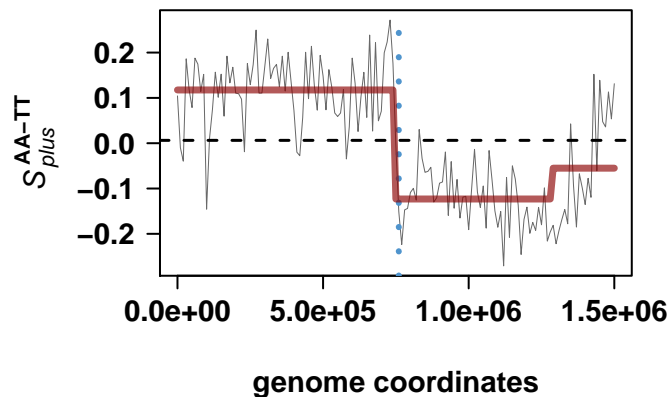
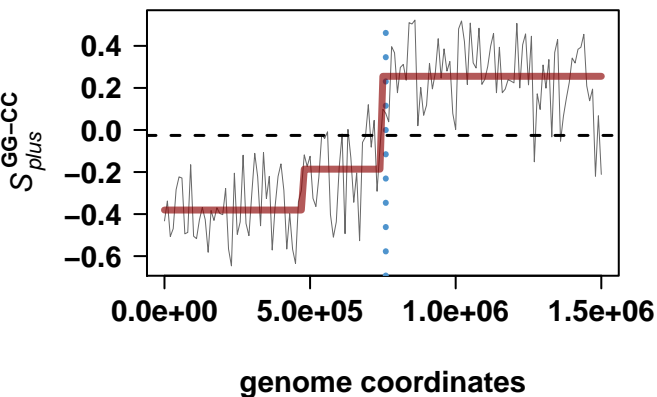
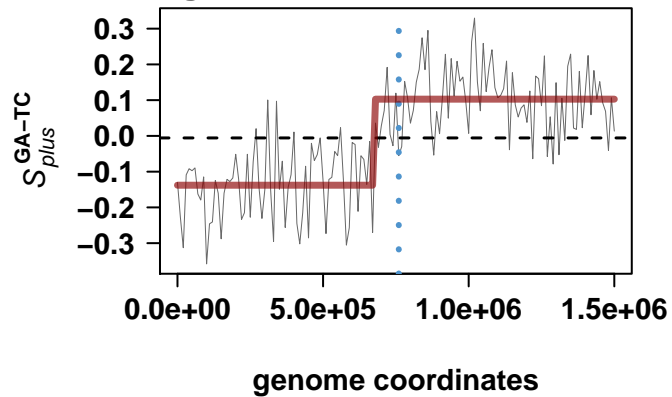
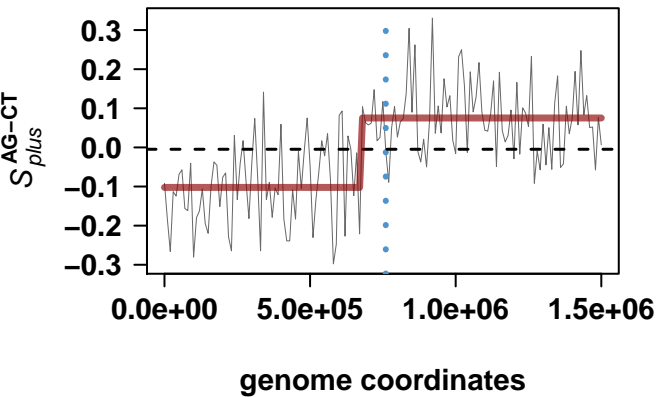


genome coordinates

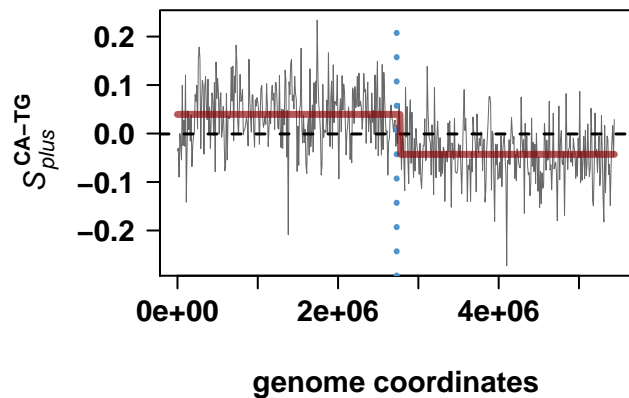
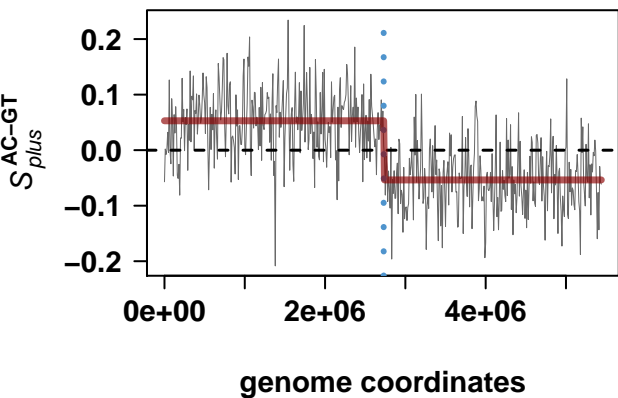
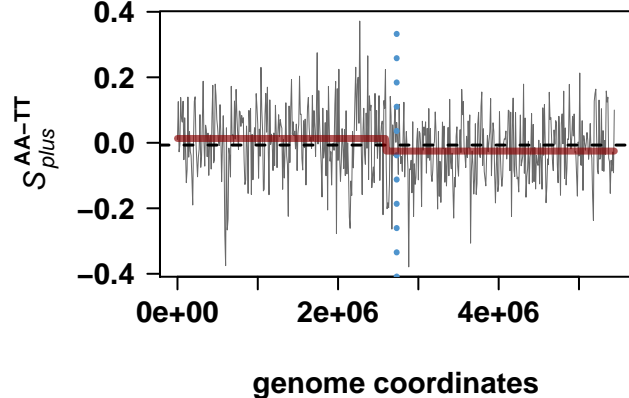
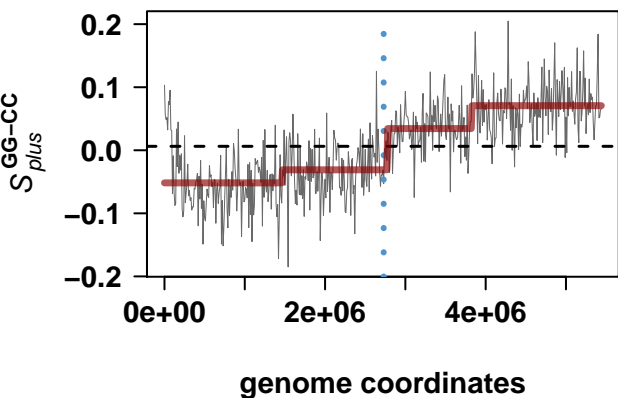
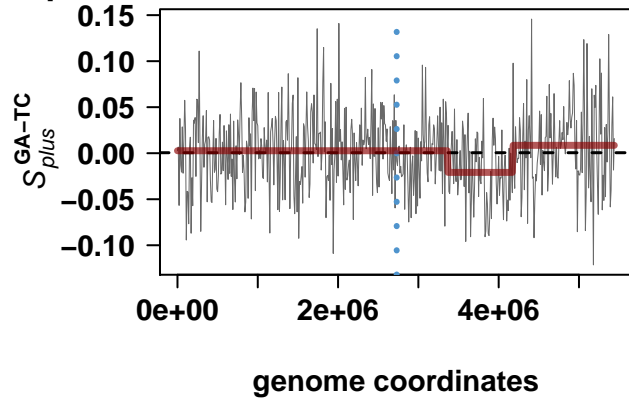
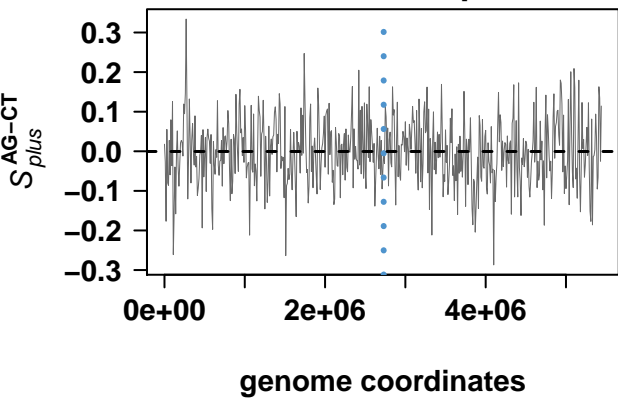


genome coordinates

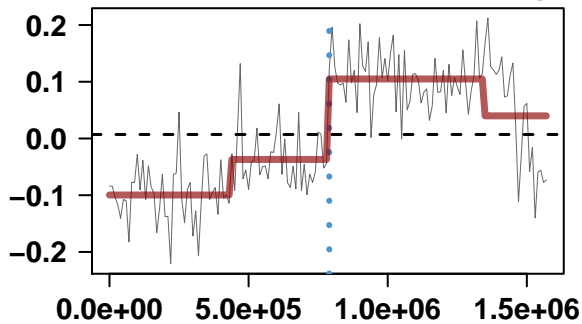
# *Ehrlichia ruminantium* str. Welgevonden



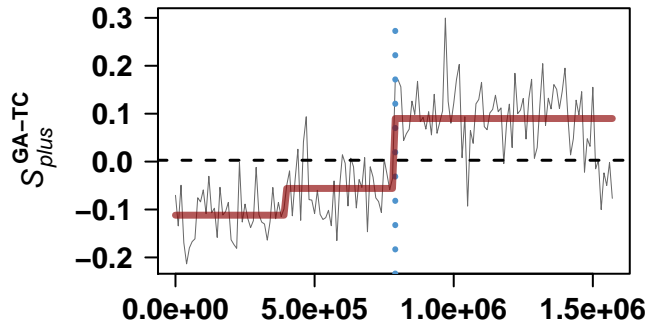
# Rhodopseudomonas palustris CGA009



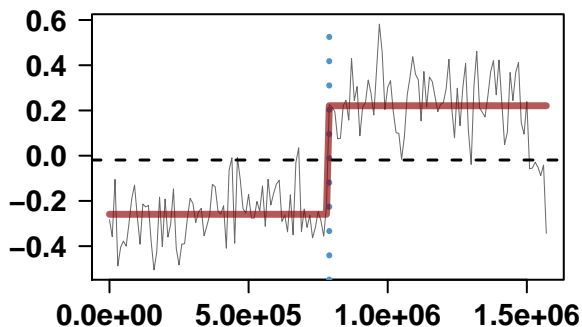
# Bartonella quintana str. Toulouse



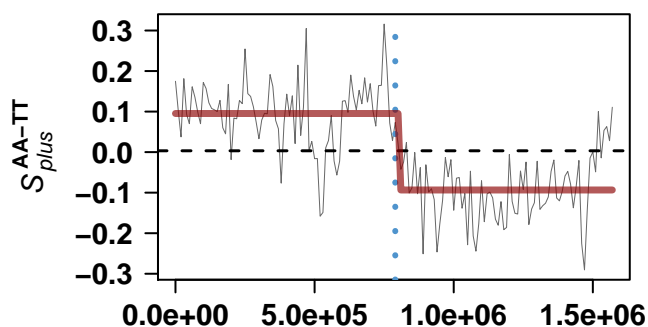
genome coordinates



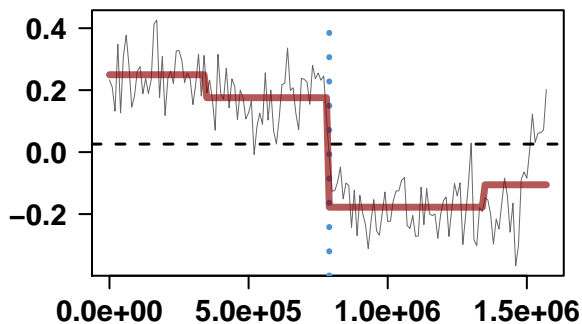
genome coordinates



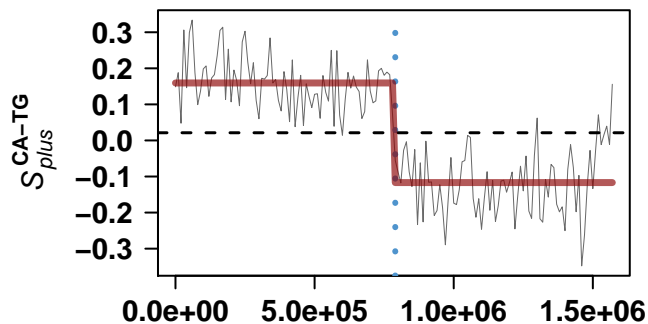
genome coordinates



genome coordinates

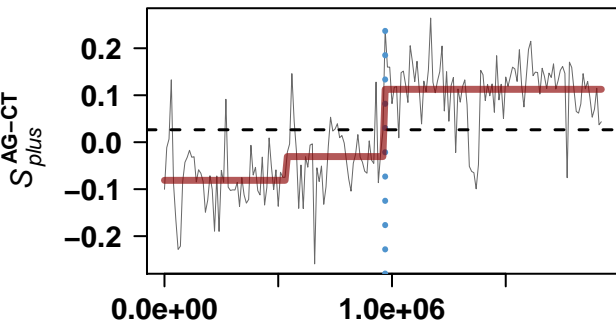


genome coordinates

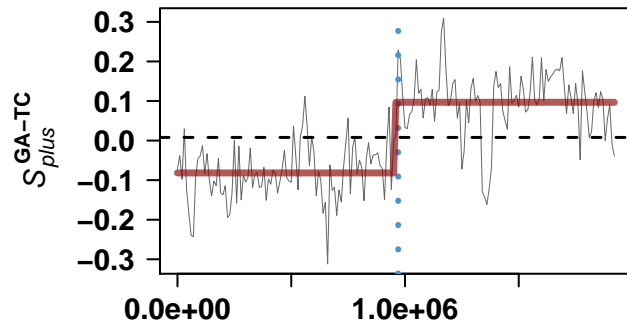


genome coordinates

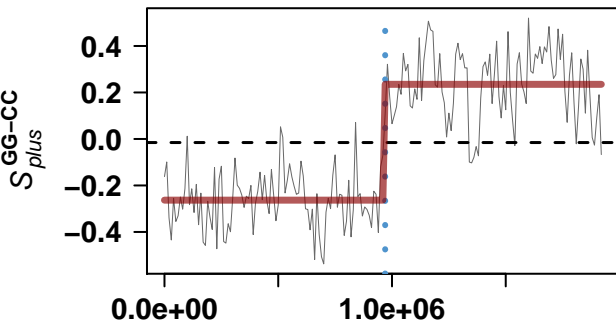
# Bartonella henselae str. Houston-1



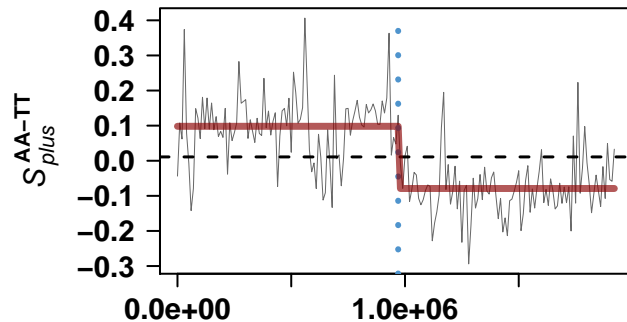
genome coordinates



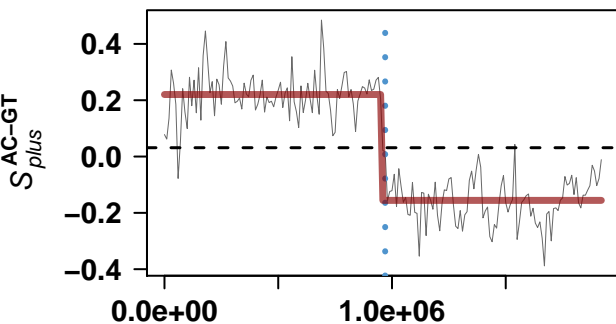
genome coordinates



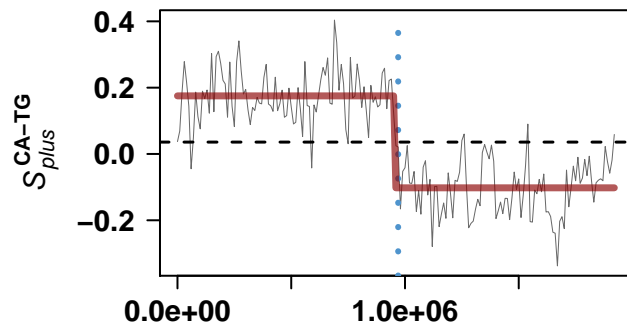
genome coordinates



genome coordinates

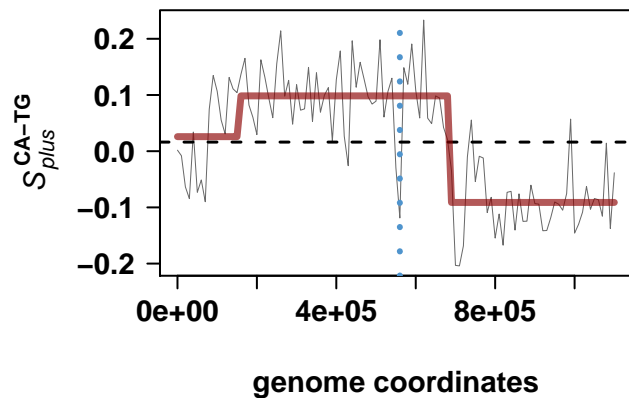
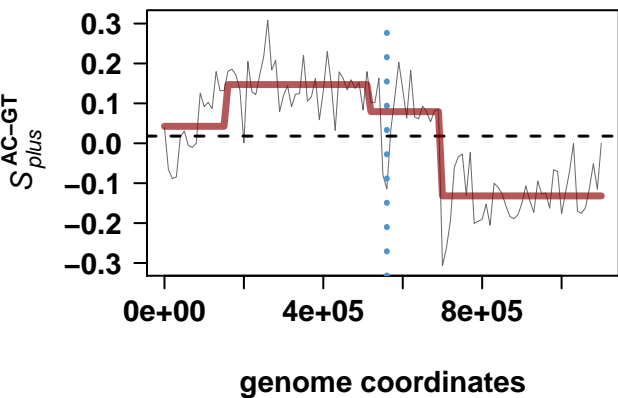
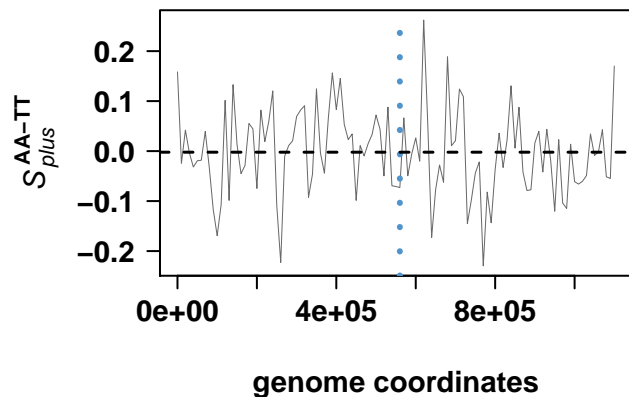
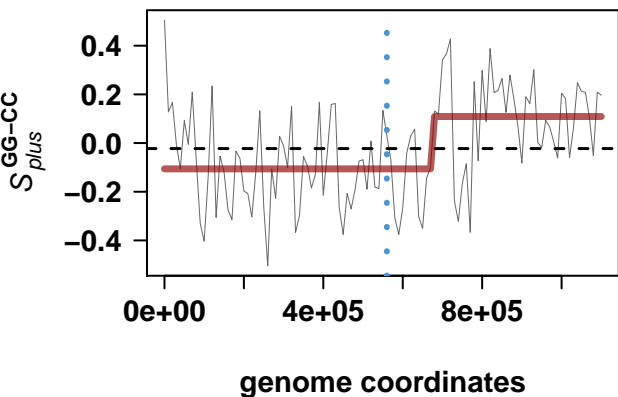
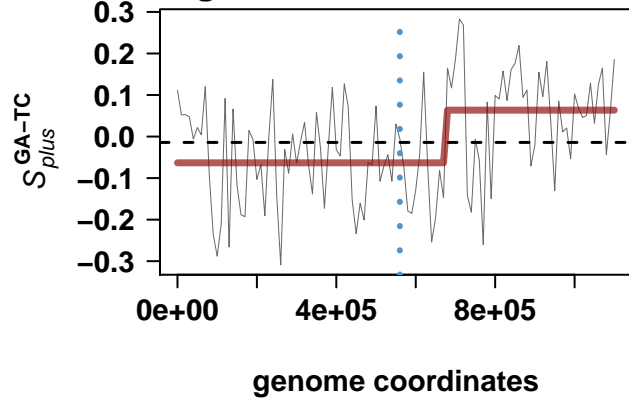
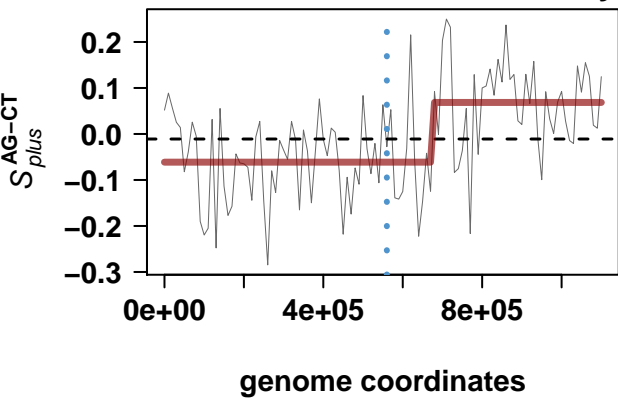


genome coordinates

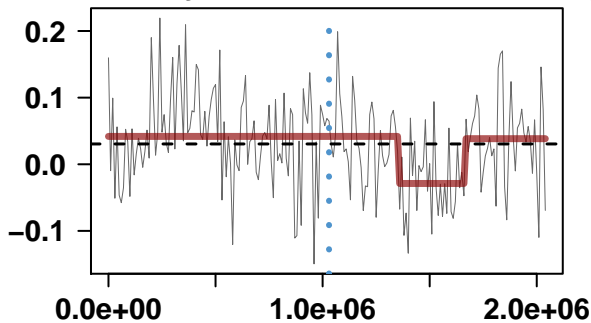


genome coordinates

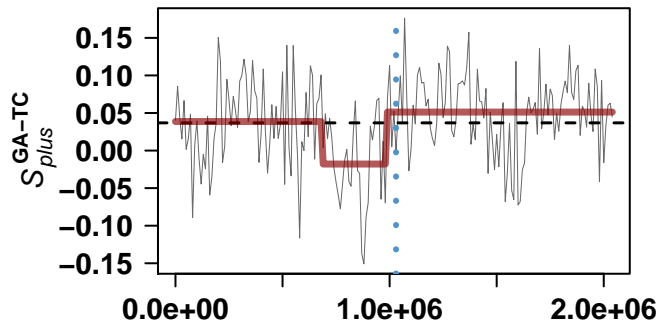
# Rickettsia typhi str. Wilmington



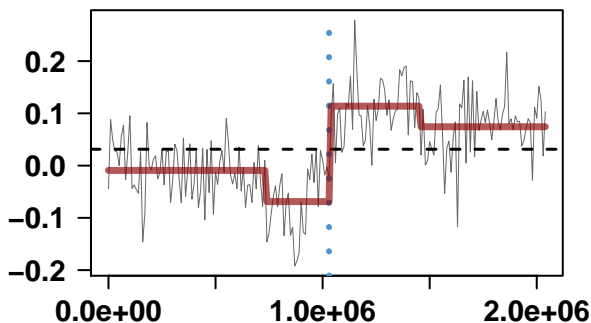
# Zymomonas mobilis subsp. mobilis ZM4 = ATCC 31821



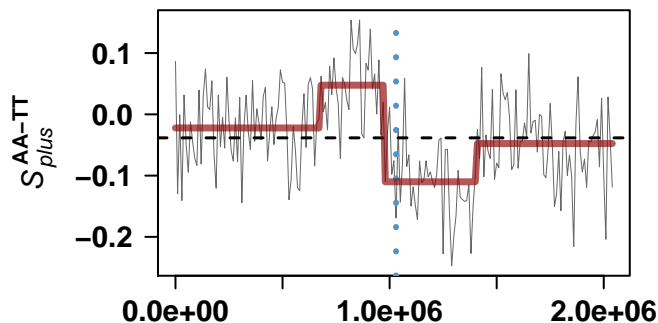
genome coordinates



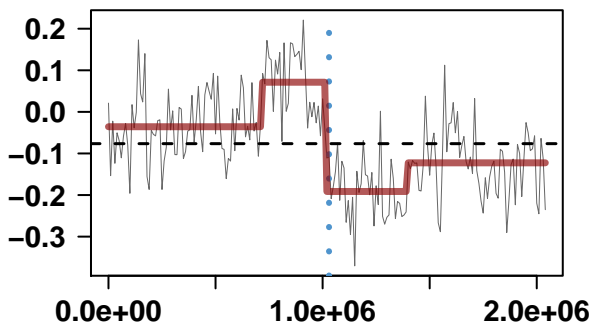
genome coordinates



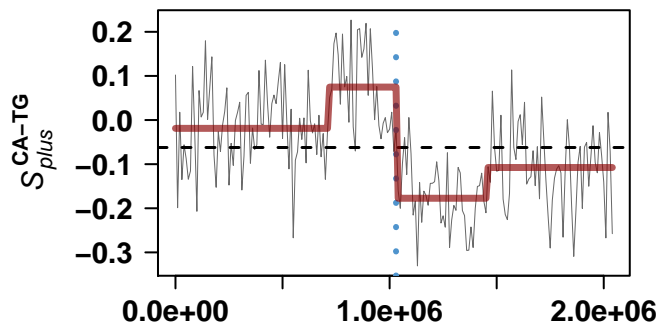
genome coordinates



genome coordinates

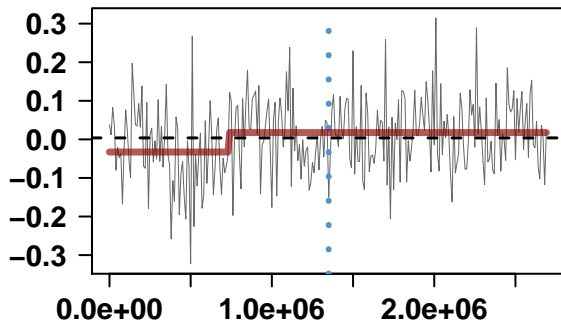


genome coordinates

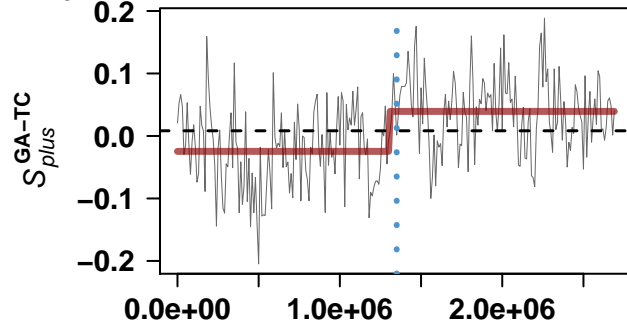


genome coordinates

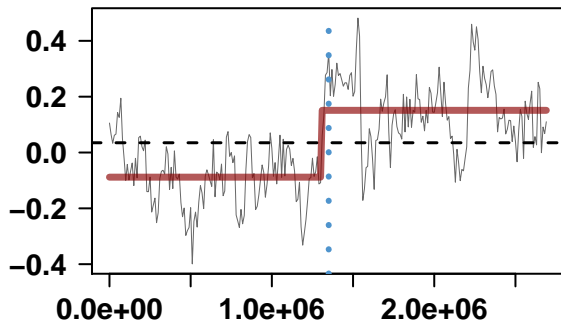
# Gluconobacter oxydans 621H



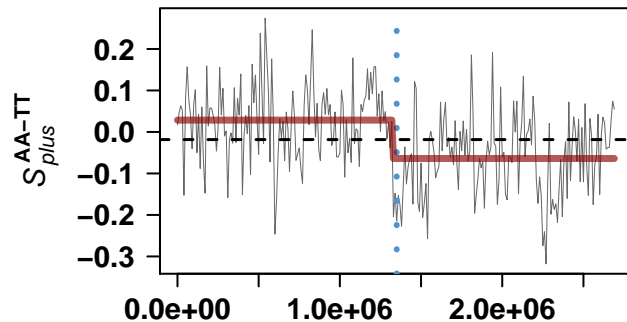
genome coordinates



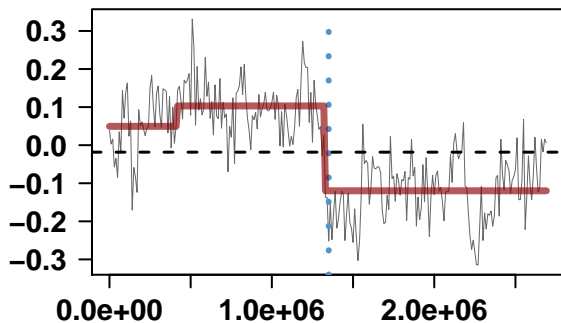
genome coordinates



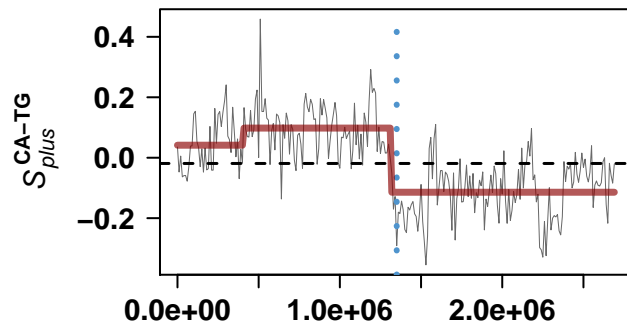
genome coordinates



genome coordinates

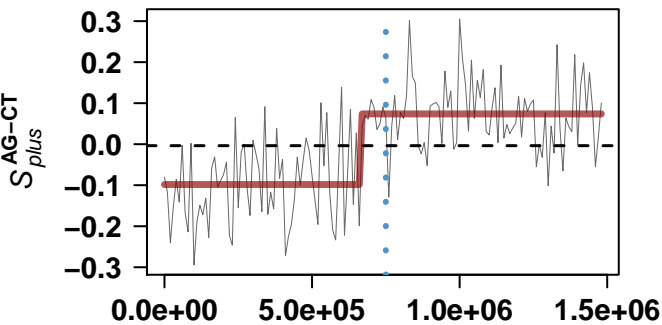


genome coordinates

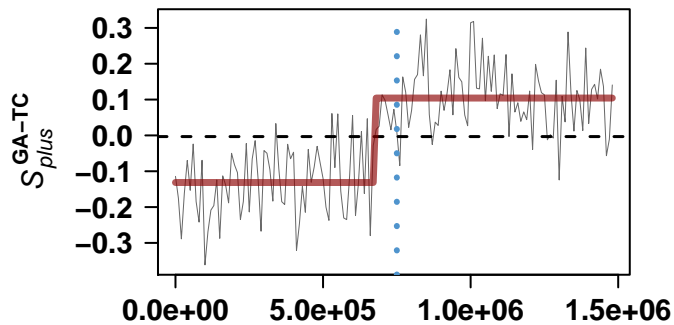


genome coordinates

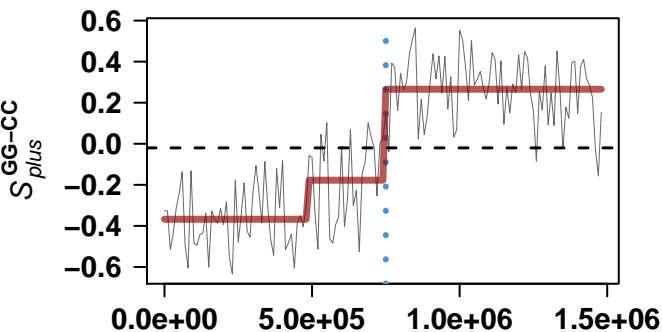
# Ehrlichia ruminantium str. Gardel



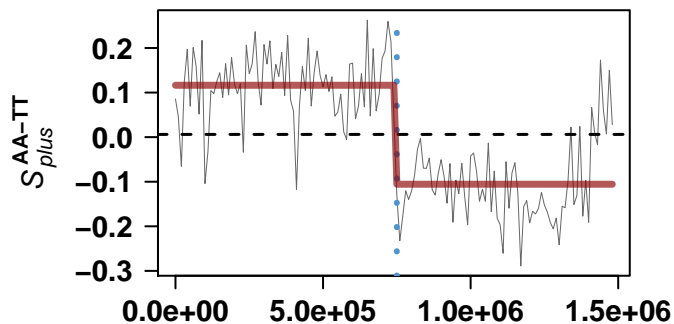
genome coordinates



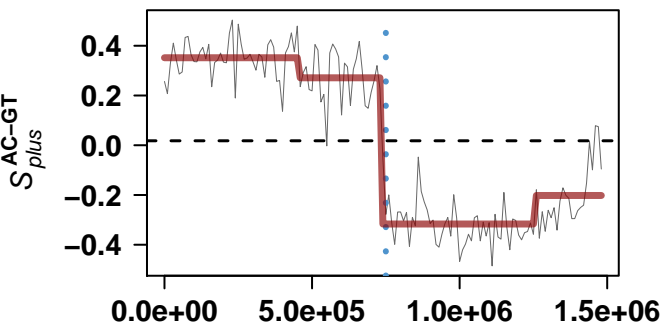
genome coordinates



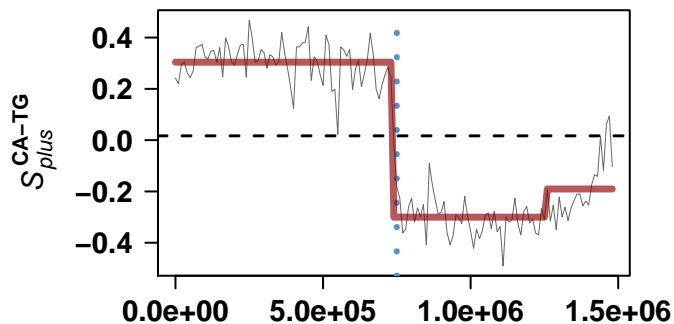
genome coordinates



genome coordinates

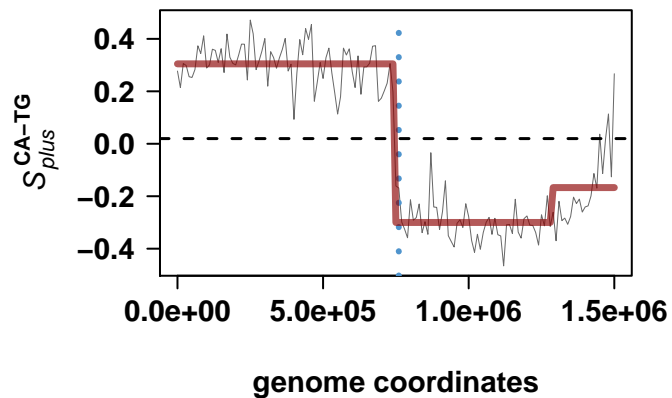
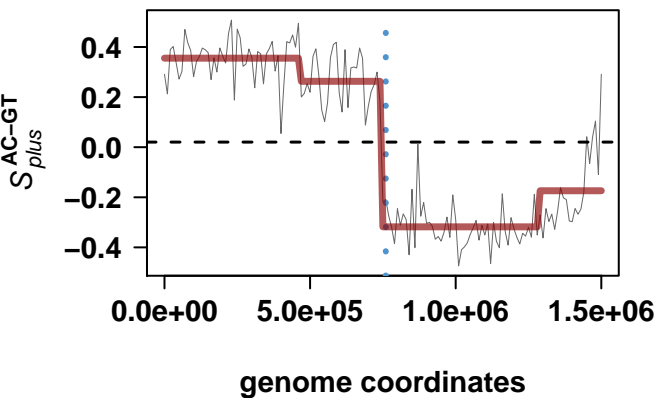
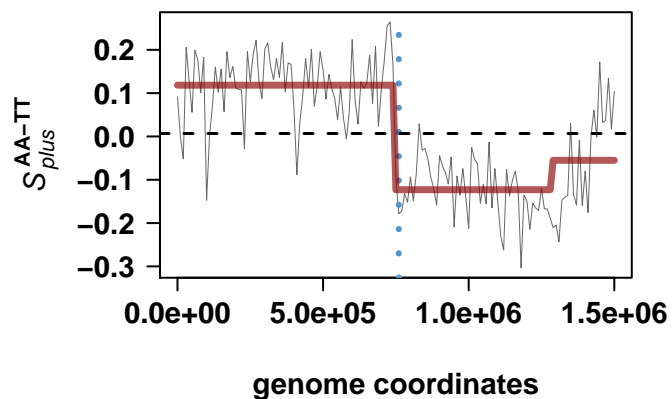
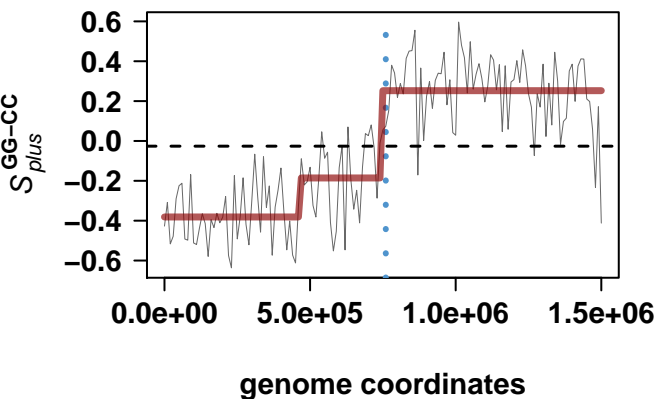
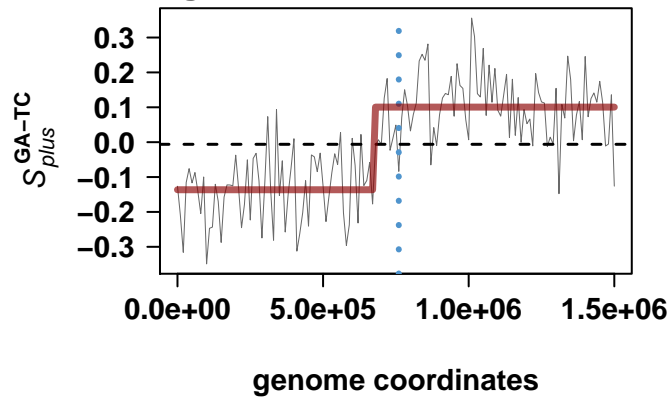
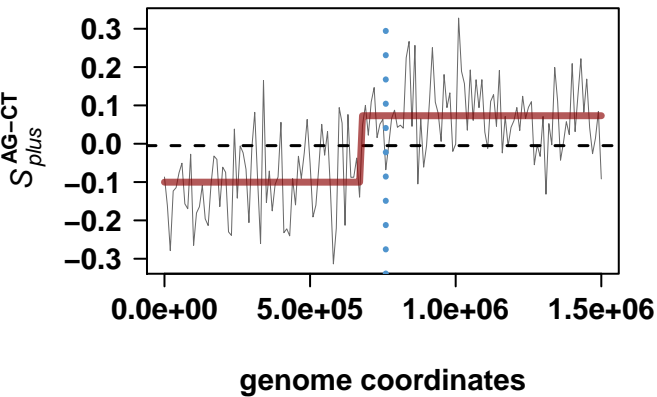


genome coordinates

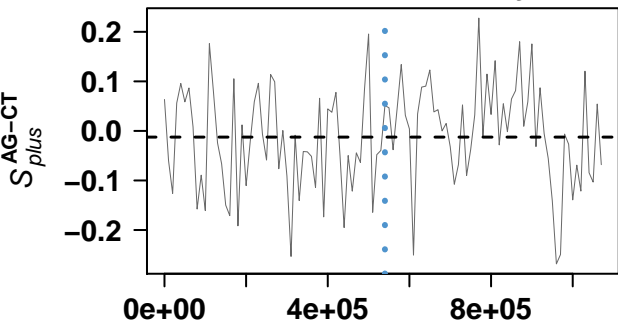


genome coordinates

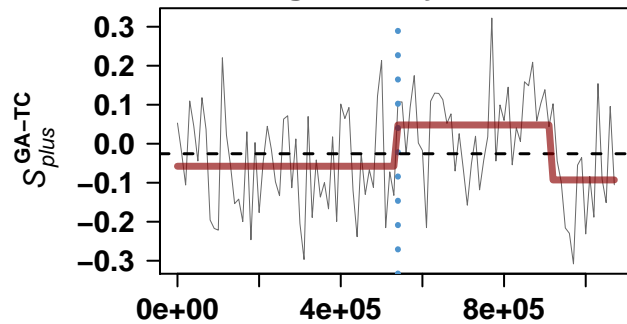
# Ehrlichia ruminantium str. Welgevonden



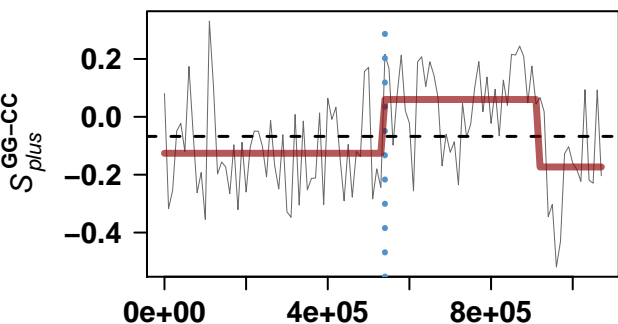
# Wolbachia endosymbiont strain TRS of *Brugia malayi*



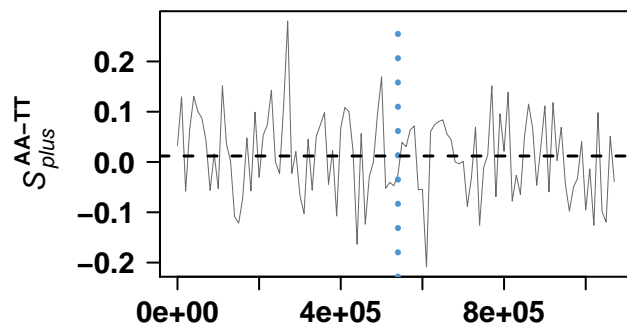
genome coordinates



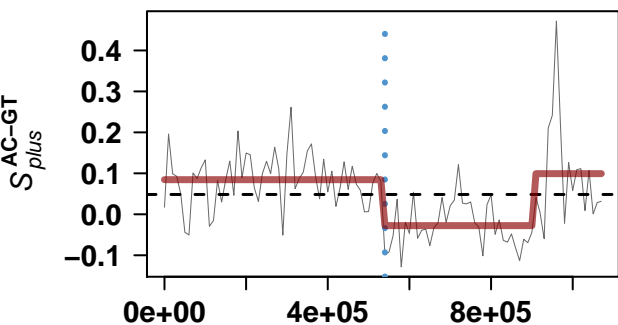
genome coordinates



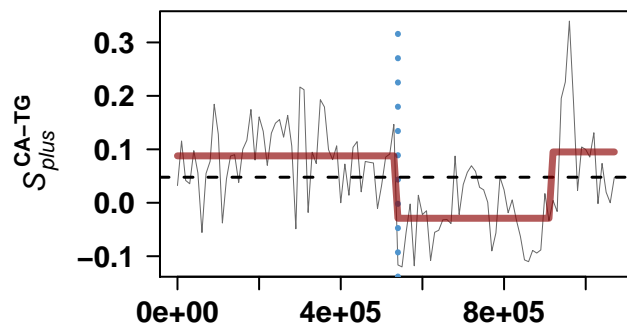
genome coordinates



genome coordinates

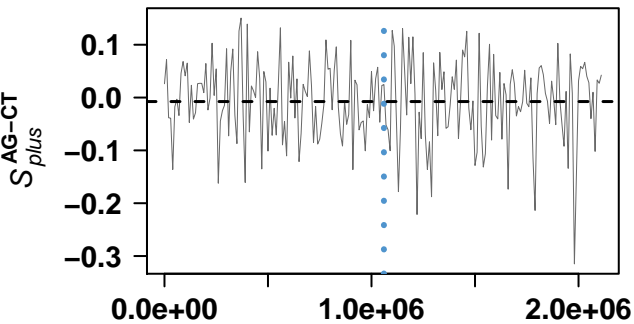


genome coordinates

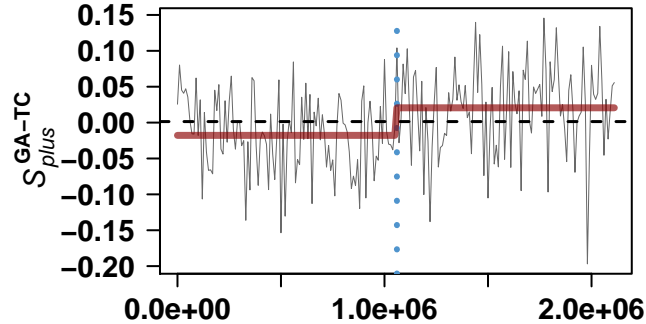


genome coordinates

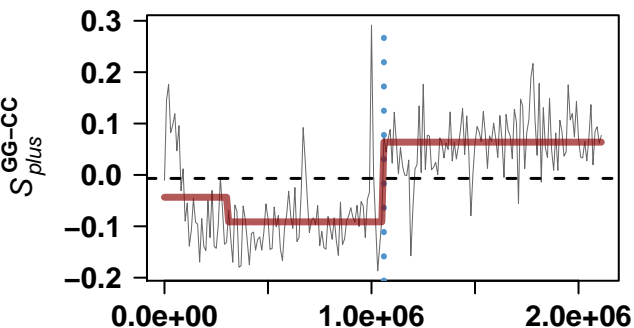
# Brucella abortus bv. 1 str. 9-941



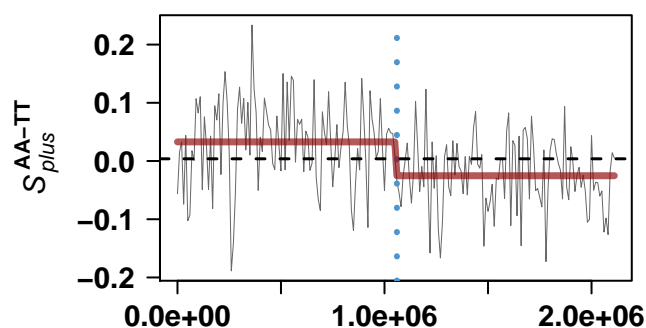
genome coordinates



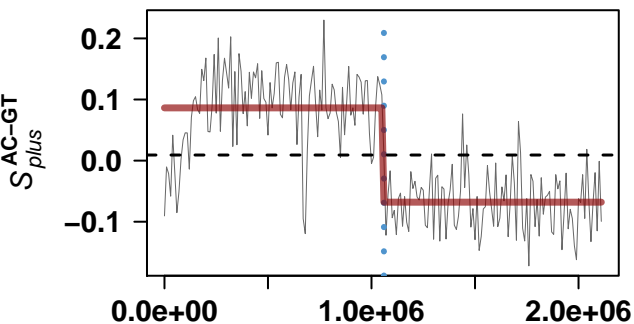
genome coordinates



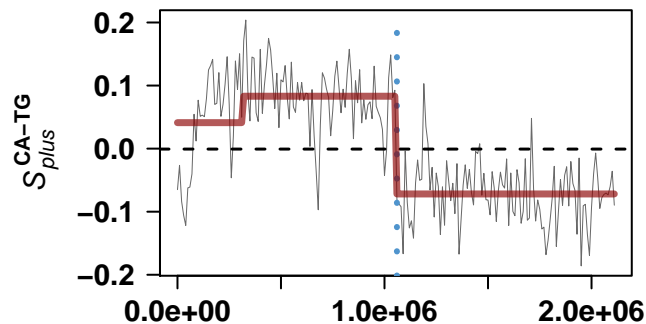
genome coordinates



genome coordinates

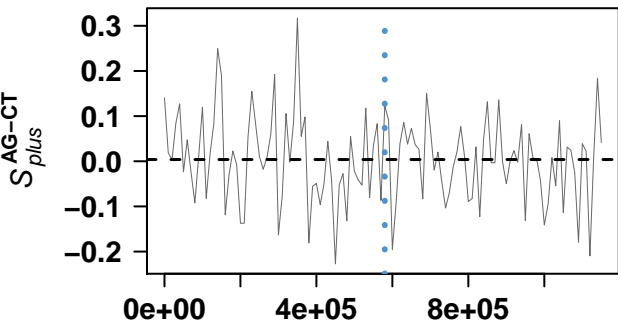


genome coordinates

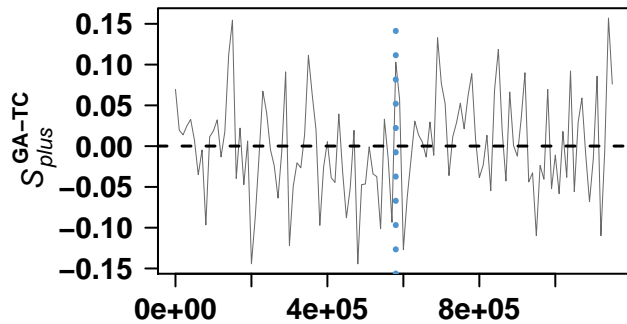


genome coordinates

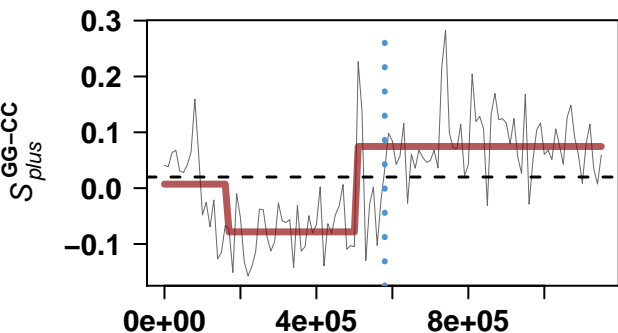
# Brucella abortus bv. 1 str. 9-941



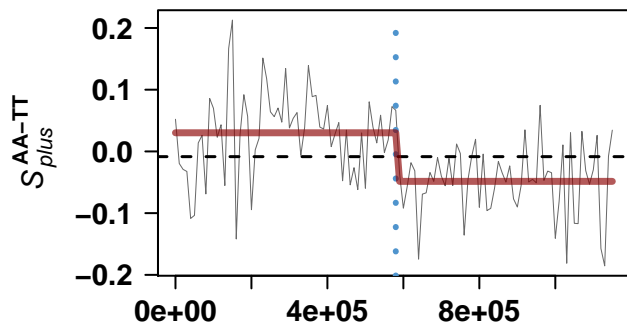
genome coordinates



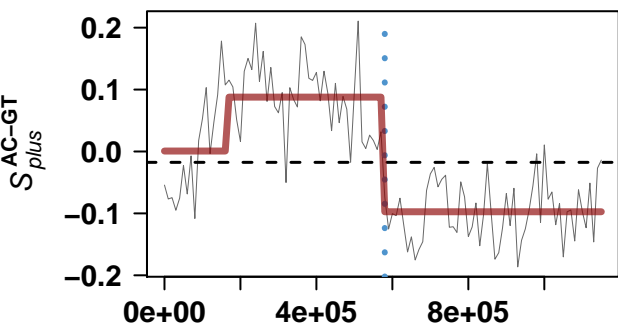
genome coordinates



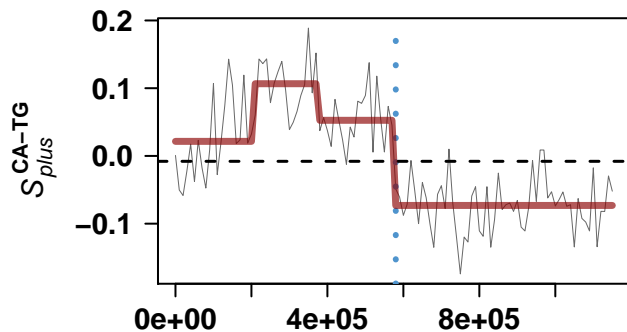
genome coordinates



genome coordinates

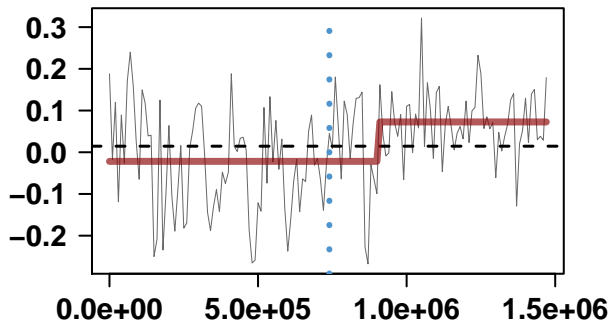


genome coordinates

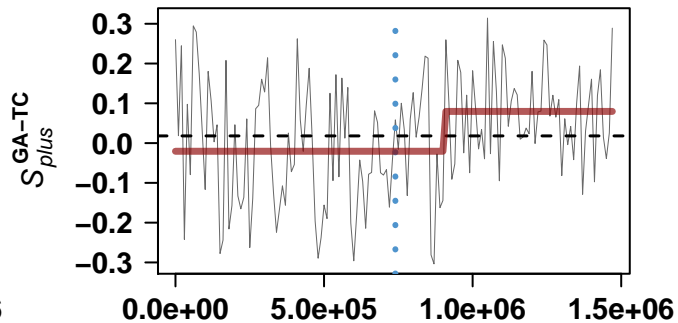


genome coordinates

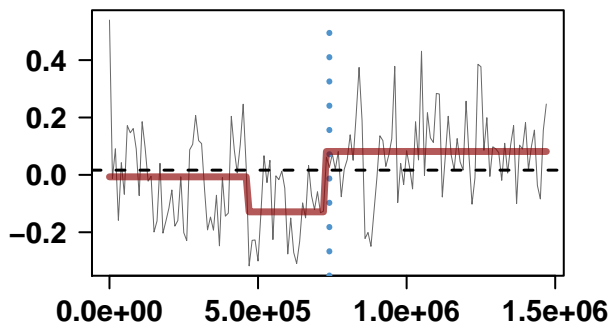
# Rickettsia felis URRWXCaI2



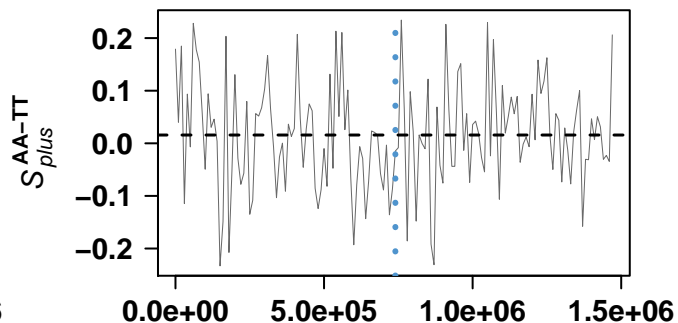
genome coordinates



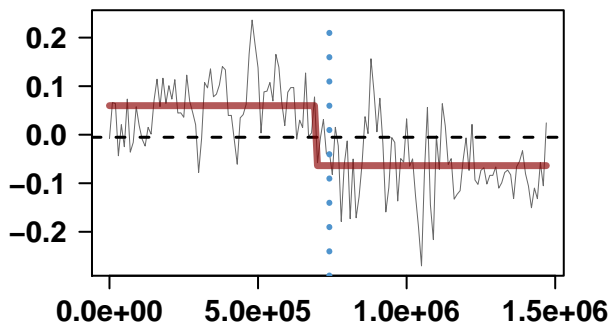
genome coordinates



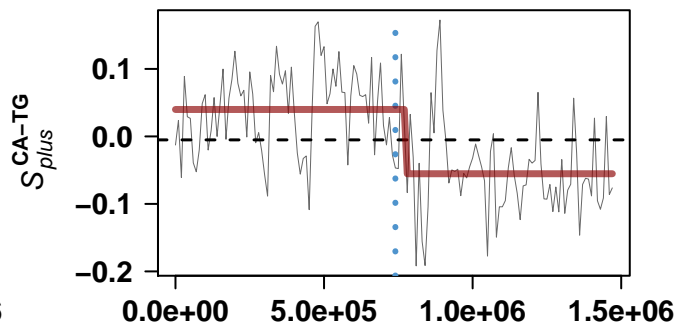
genome coordinates



genome coordinates

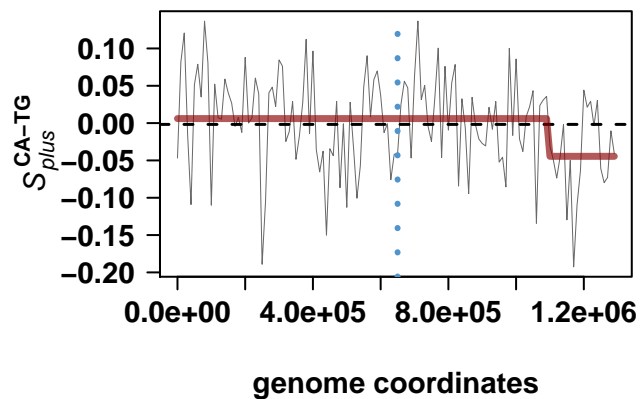
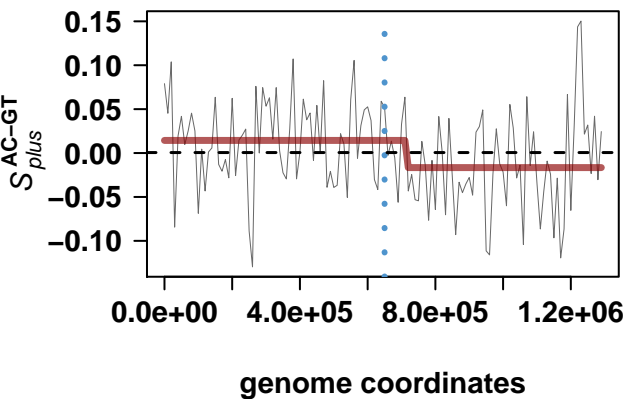
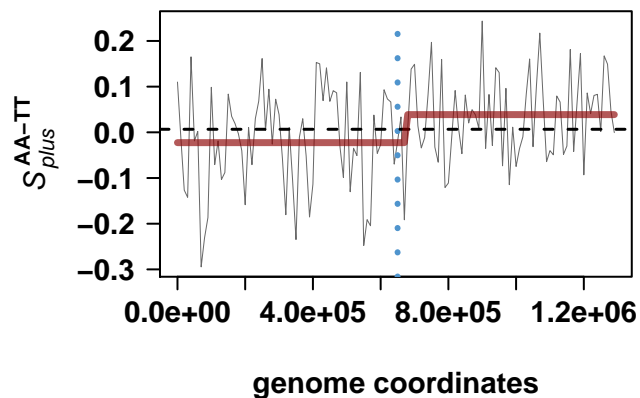
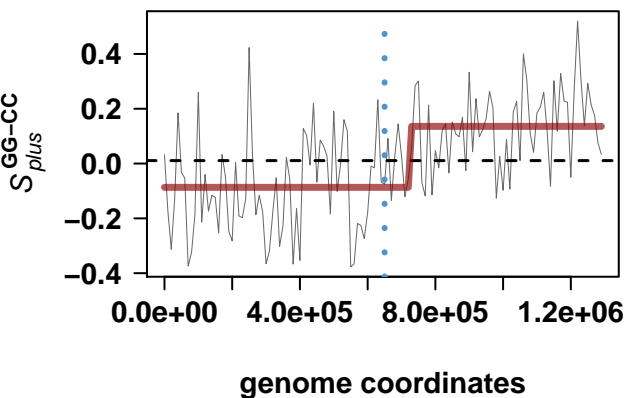
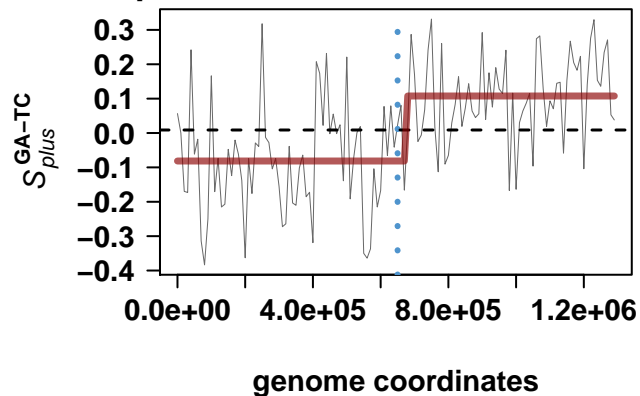
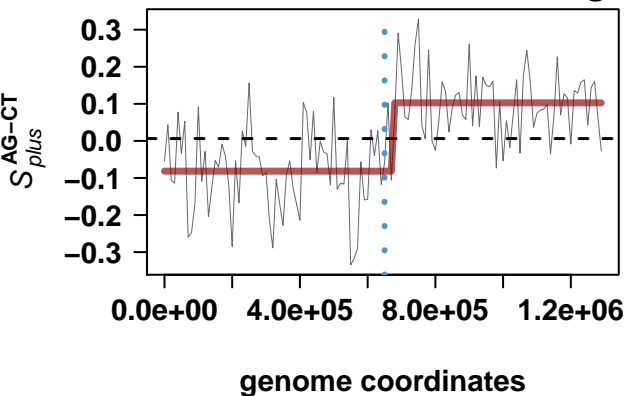


genome coordinates

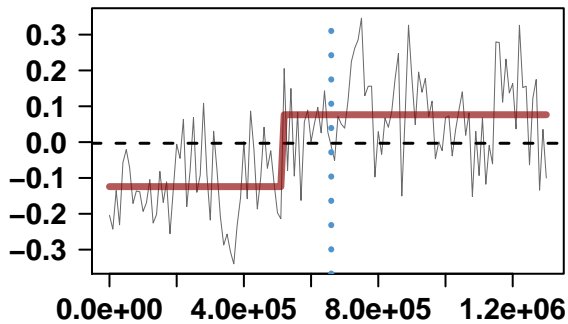


genome coordinates

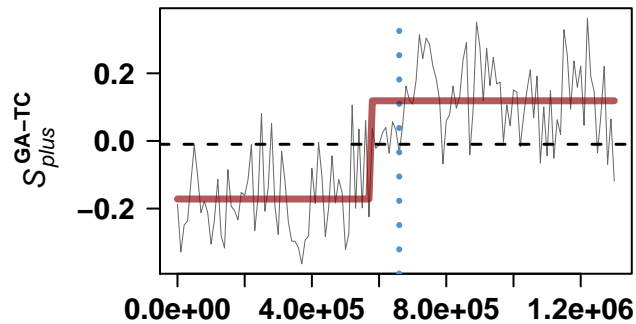
# Candidatus Pelagibacter ubique HTCC1062



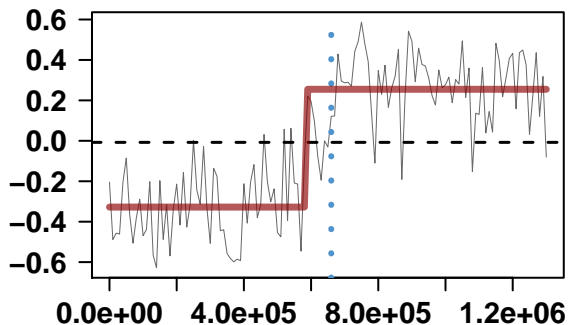
# Ehrlichia canis str. Jake



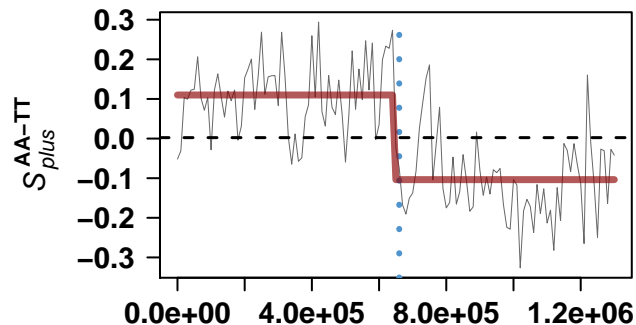
genome coordinates



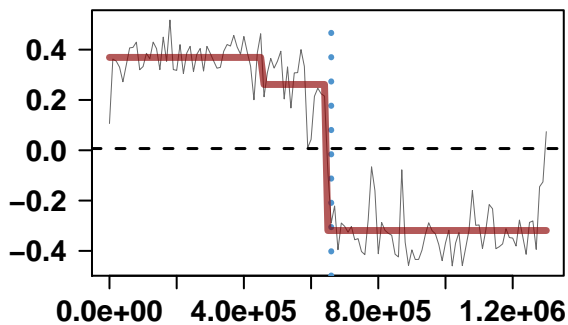
genome coordinates



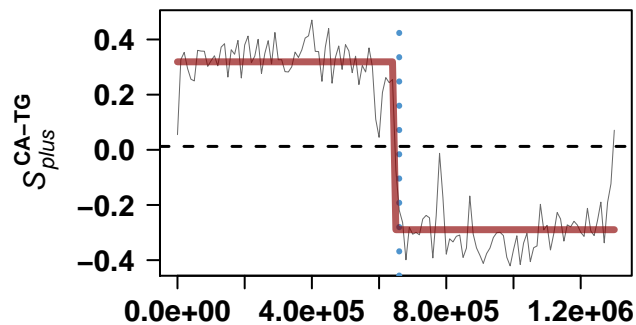
genome coordinates



genome coordinates

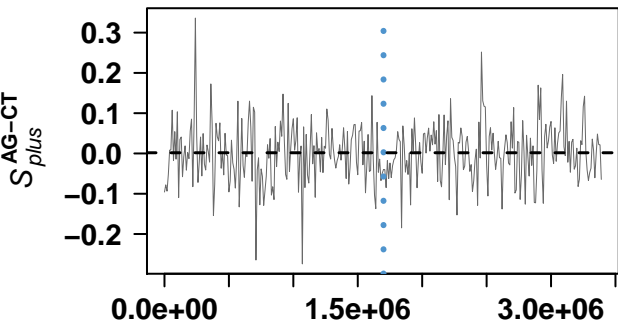


genome coordinates

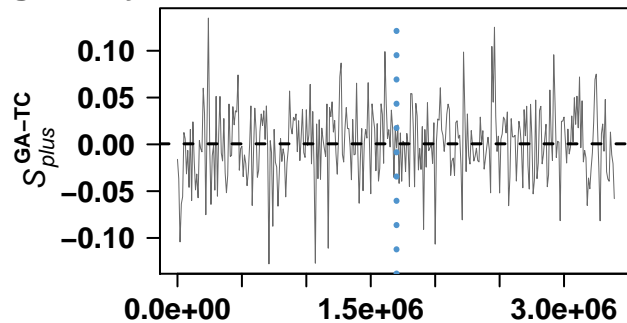


genome coordinates

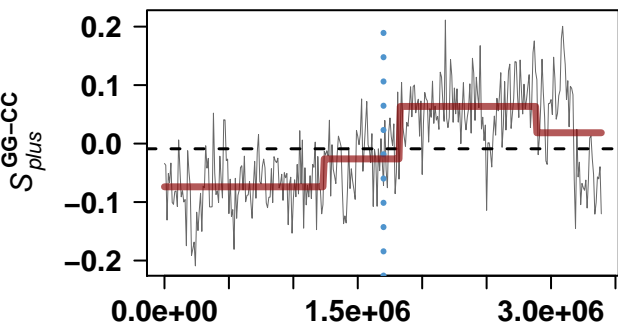
# Nitrobacter winogradskyi Nb-255



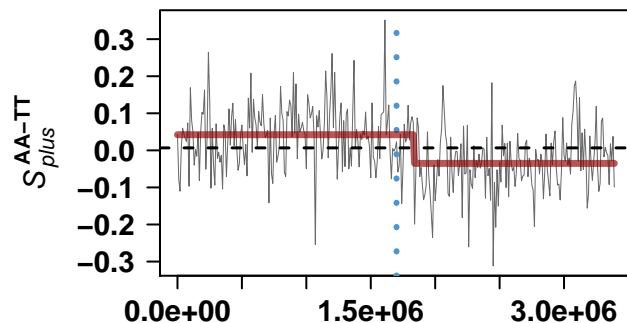
genome coordinates



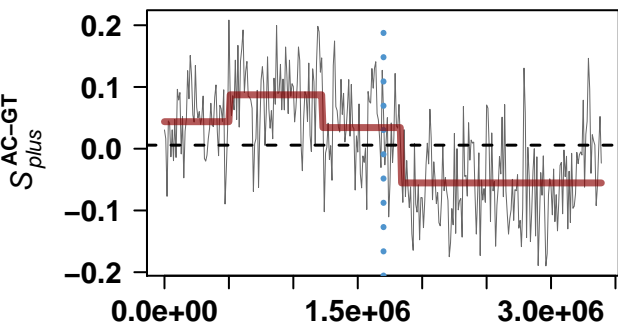
genome coordinates



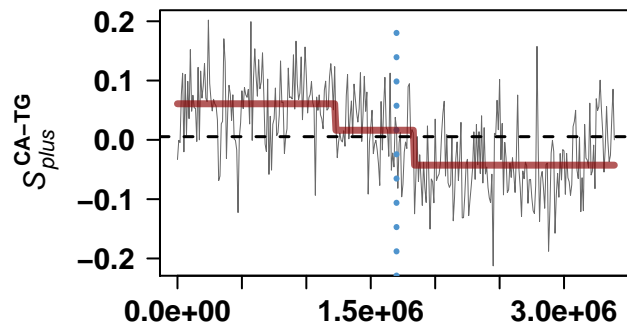
genome coordinates



genome coordinates

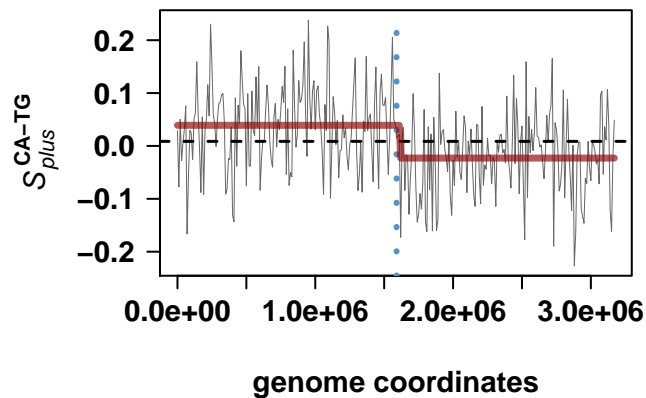
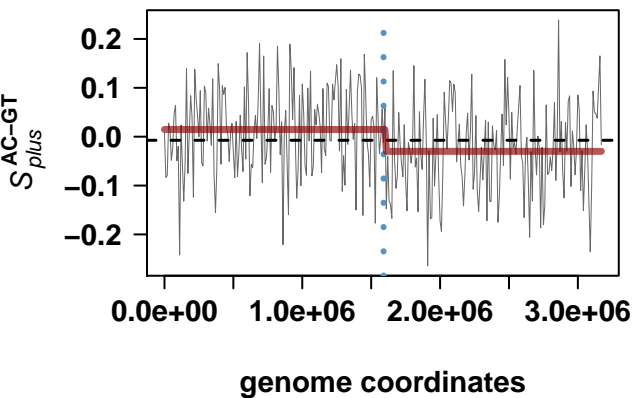
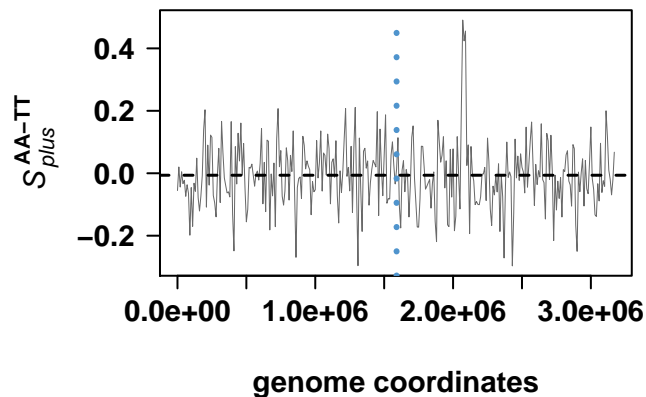
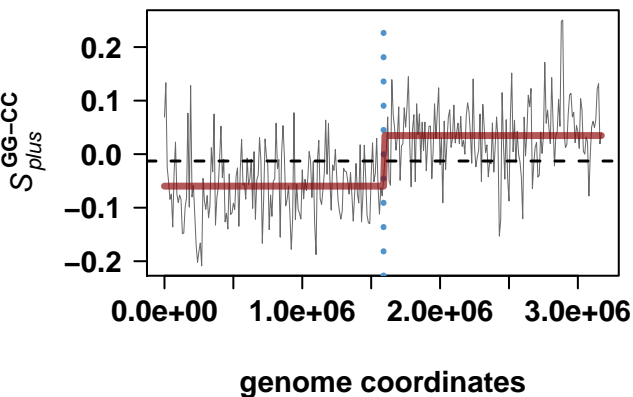
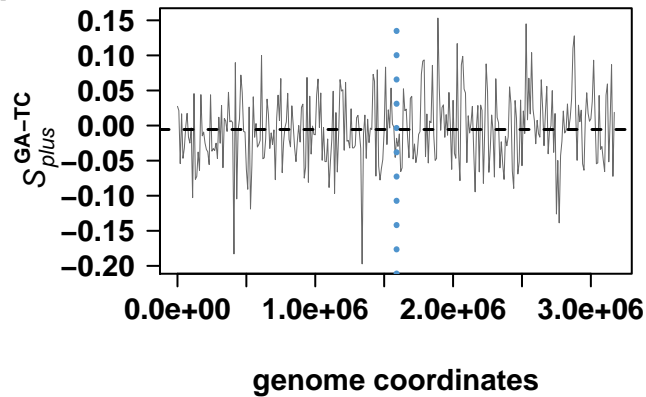
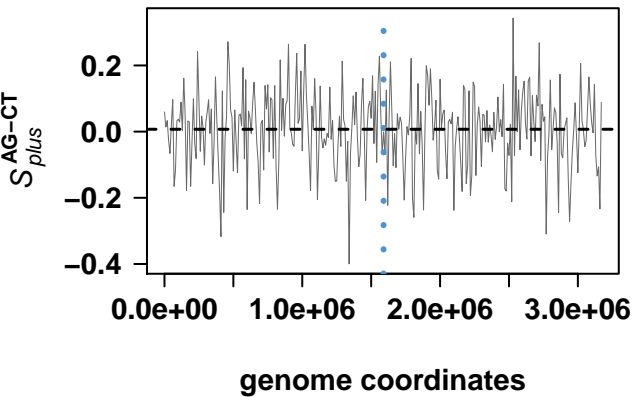


genome coordinates

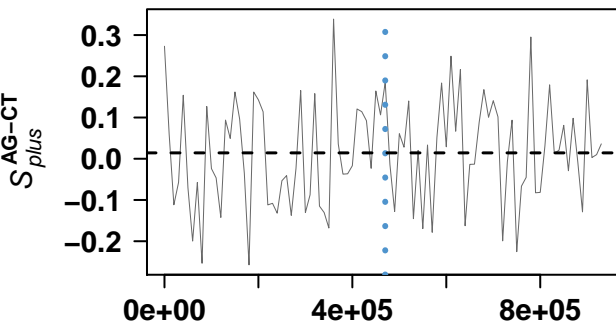


genome coordinates

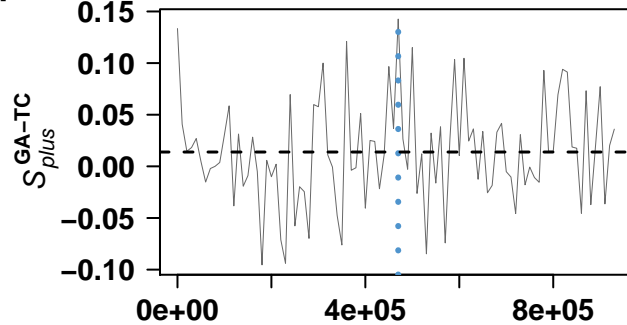
# Rhodobacter sphaeroides 2.4.1



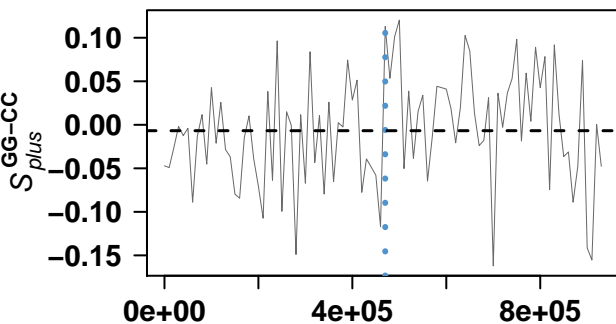
# Rhodobacter sphaeroides 2.4.1



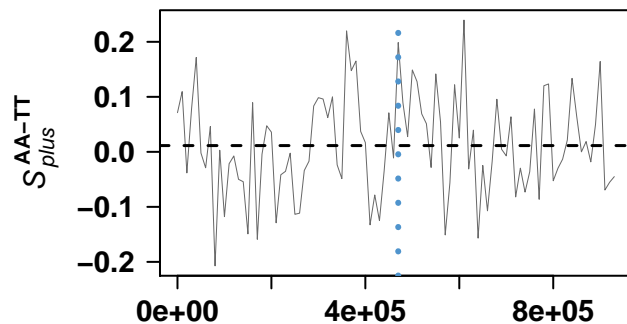
genome coordinates



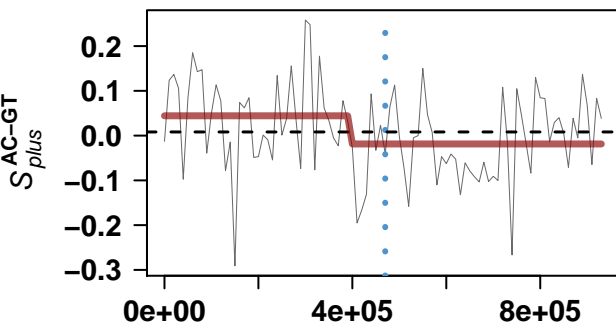
genome coordinates



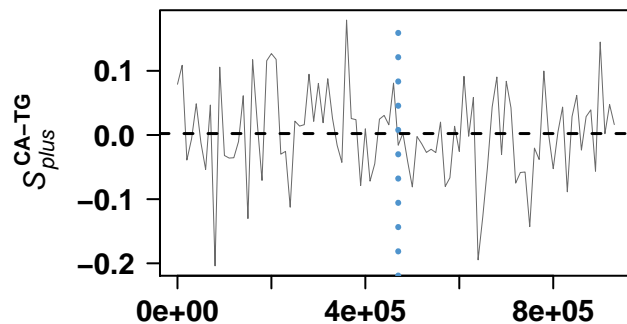
genome coordinates



genome coordinates

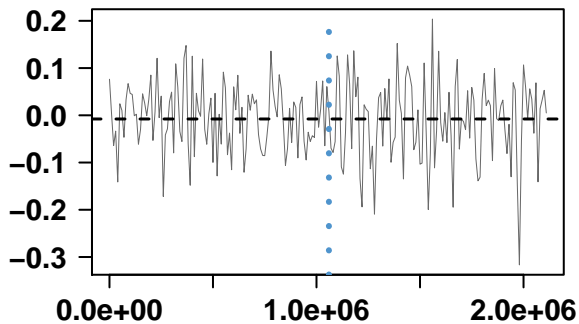


genome coordinates

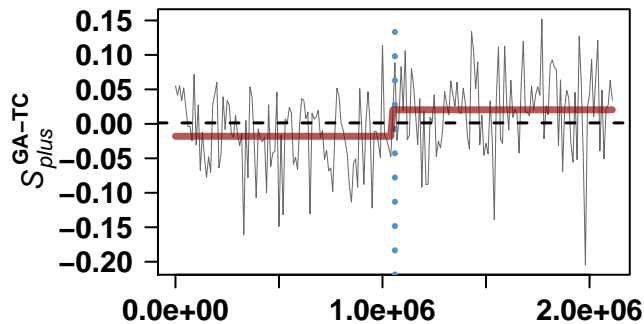


genome coordinates

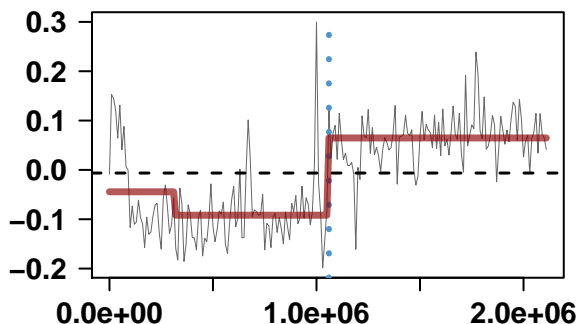
# Brucella abortus 2308



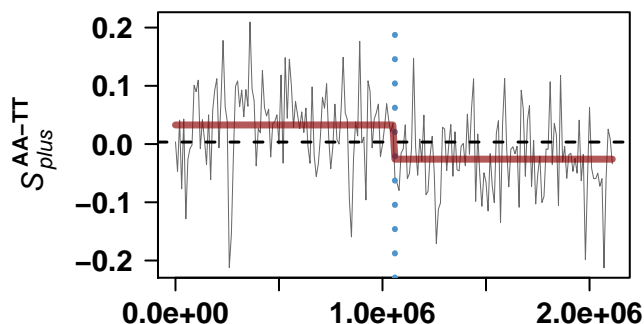
genome coordinates



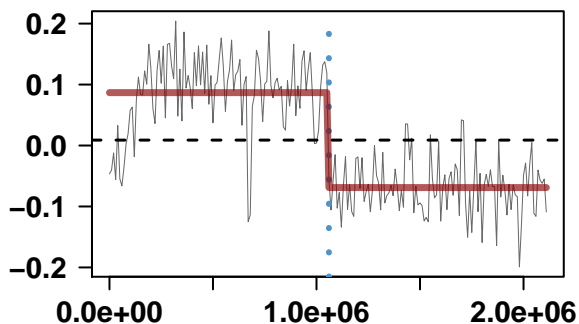
genome coordinates



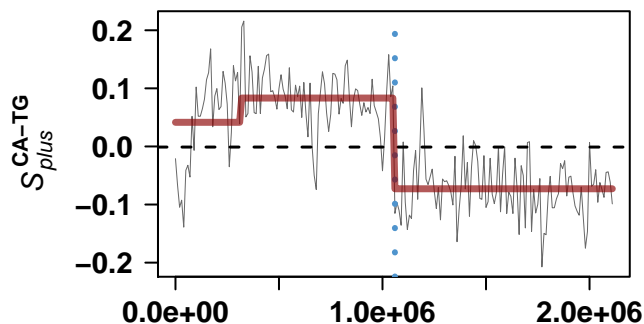
genome coordinates



genome coordinates

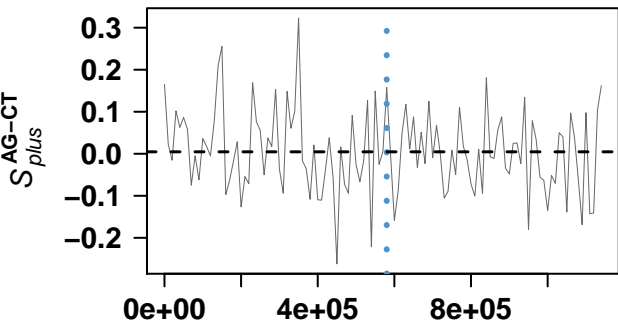


genome coordinates

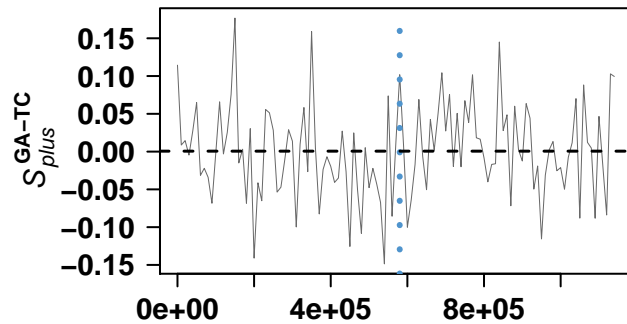


genome coordinates

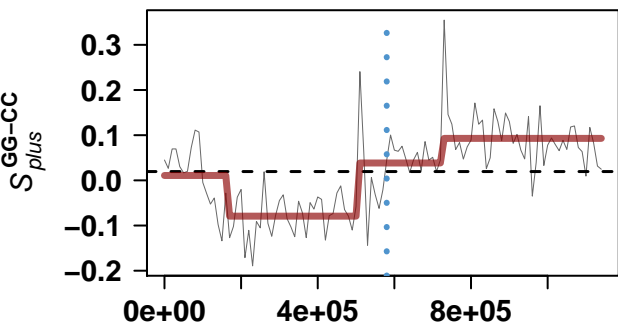
# Brucella abortus 2308



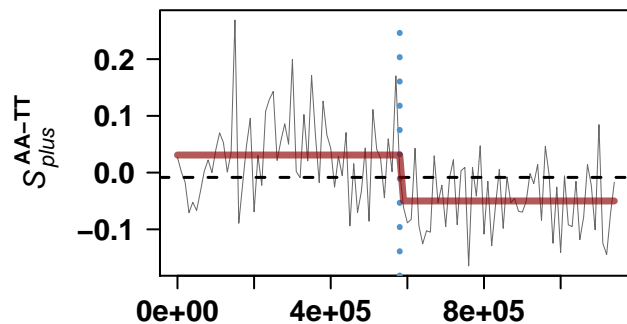
genome coordinates



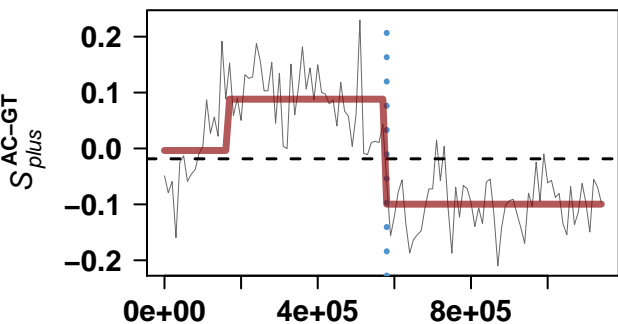
genome coordinates



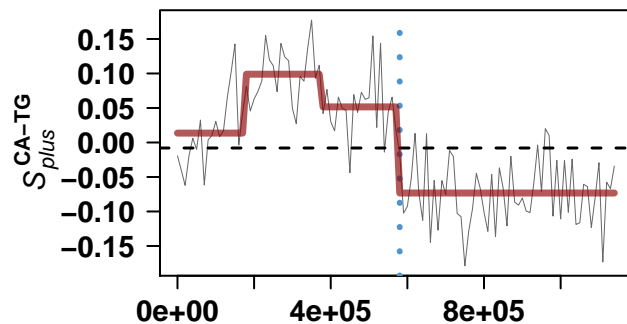
genome coordinates



genome coordinates

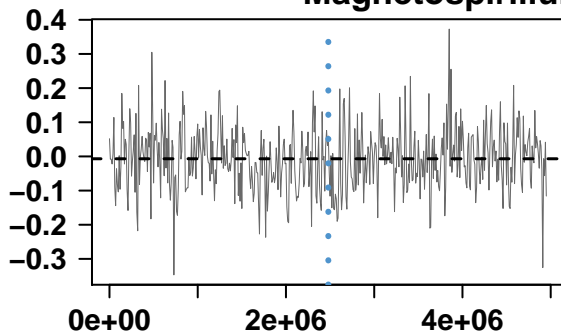


genome coordinates

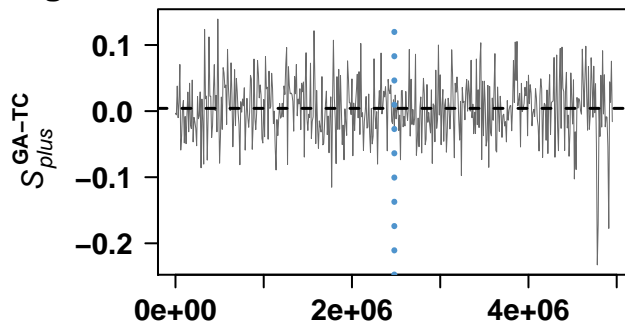


genome coordinates

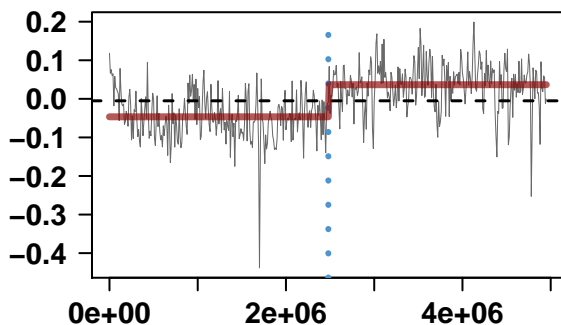
# Magnetospirillum magneticum AMB-1



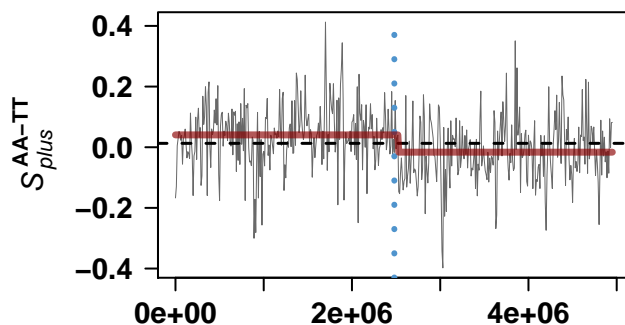
genome coordinates



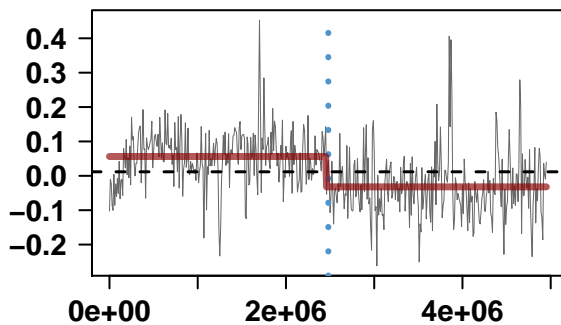
genome coordinates



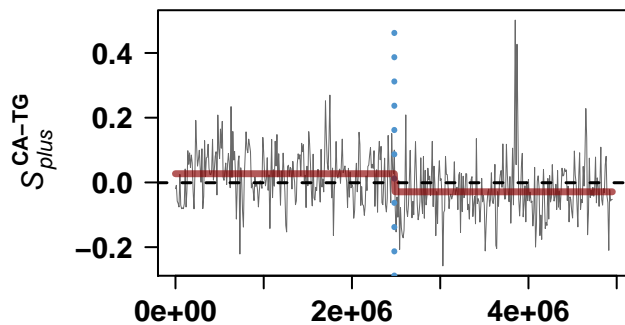
genome coordinates



genome coordinates

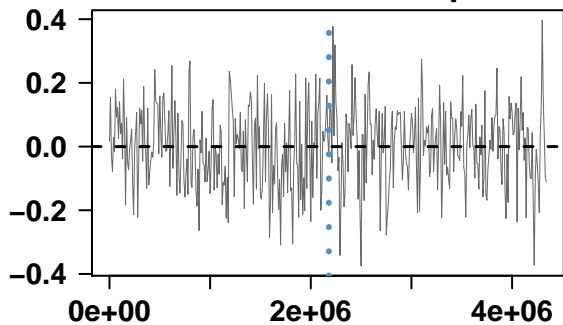


genome coordinates

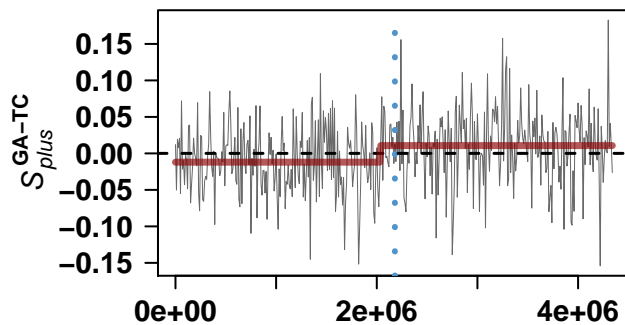


genome coordinates

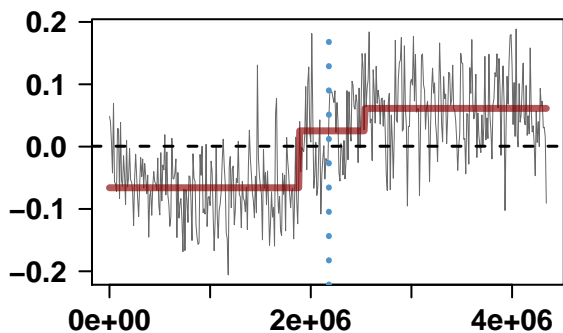
# Rhodospirillum rubrum ATCC 11170



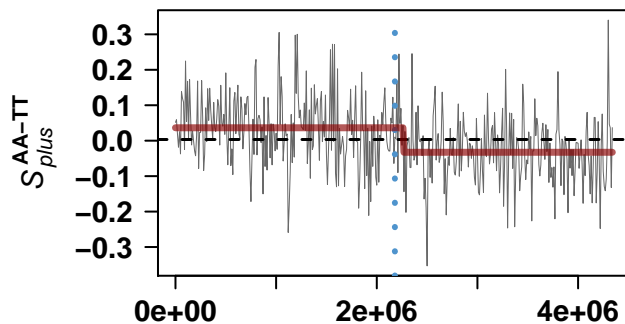
genome coordinates



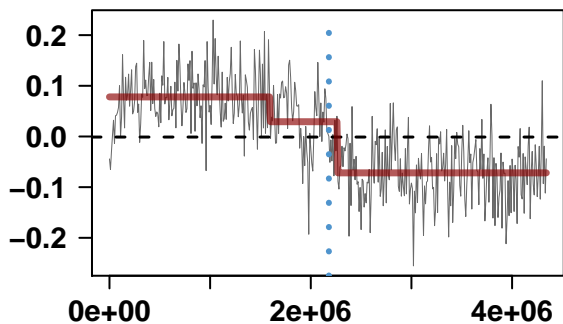
genome coordinates



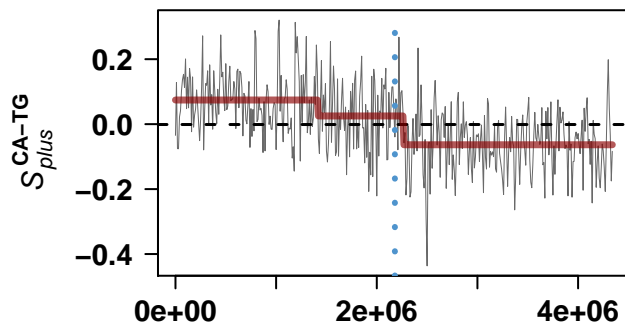
genome coordinates



genome coordinates

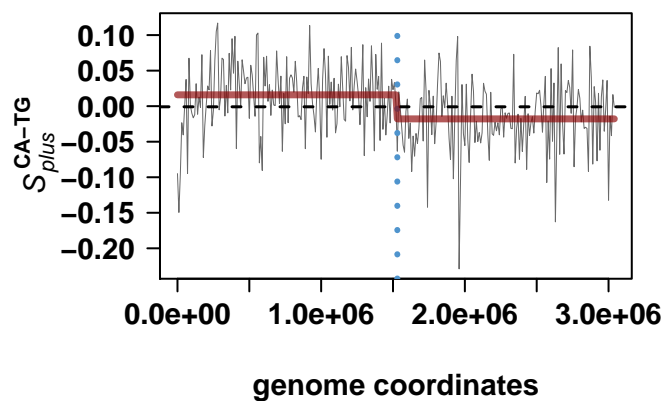
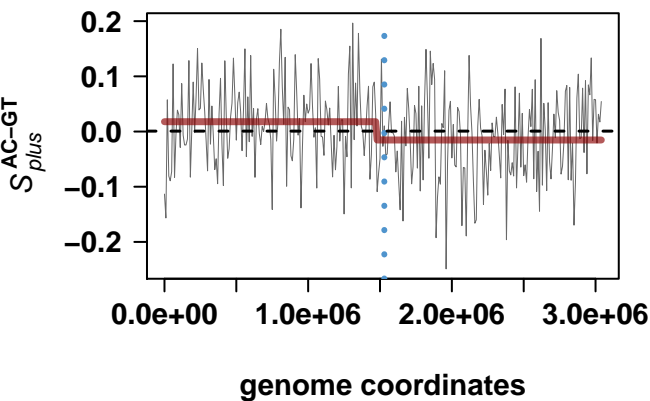
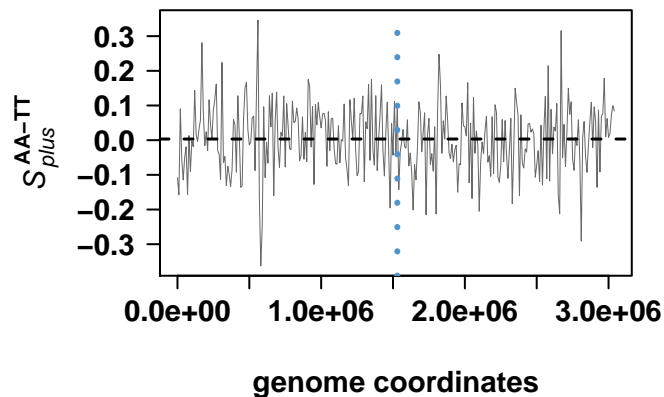
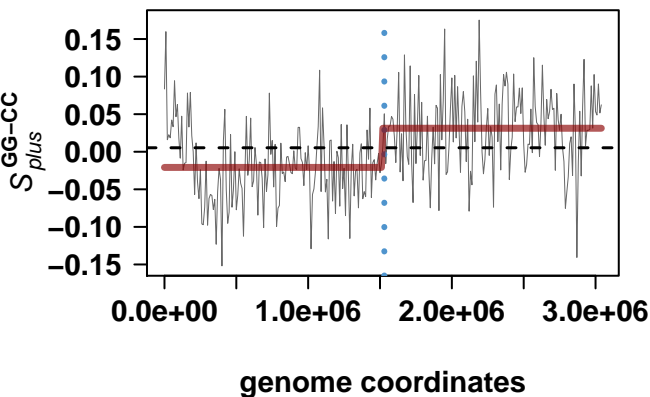
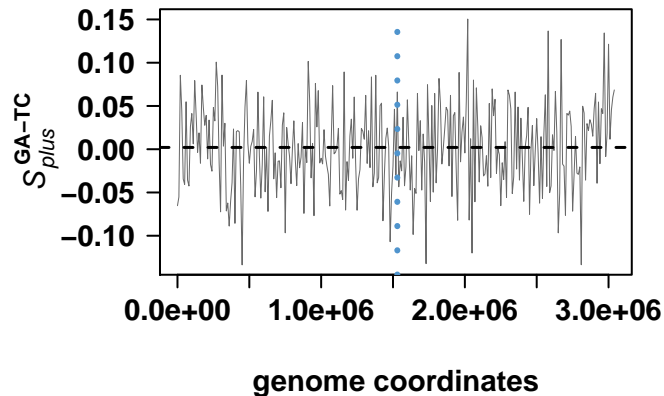
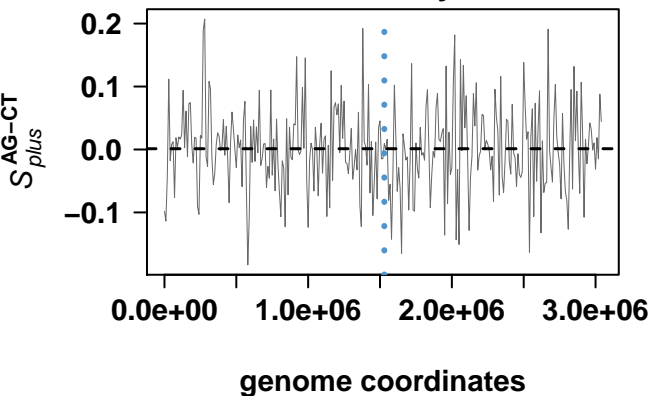


genome coordinates

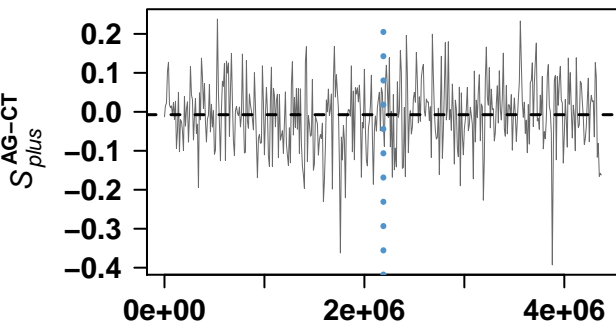


genome coordinates

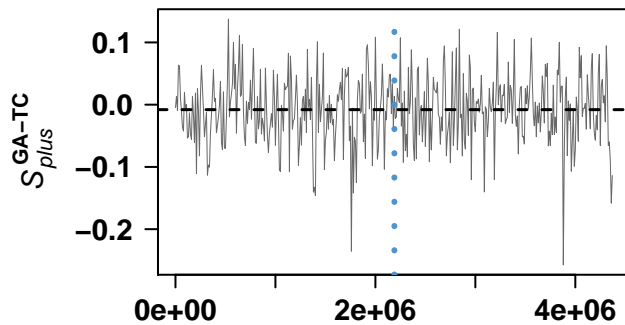
# Erythrobacter litoralis HTCC2594



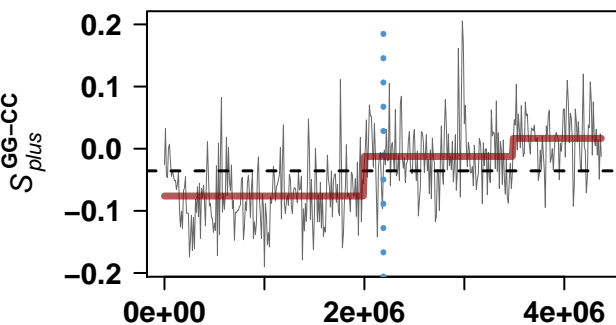
# Rhizobium etli CFN 42



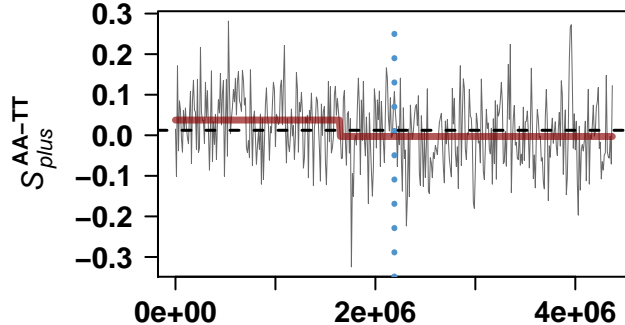
genome coordinates



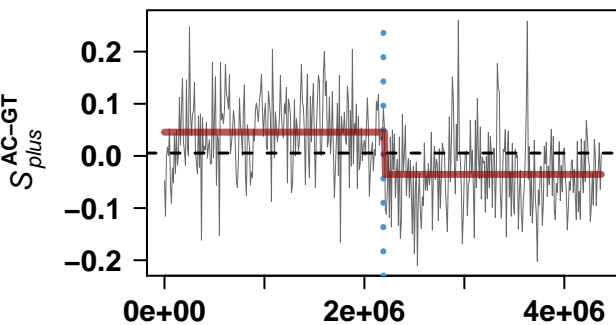
genome coordinates



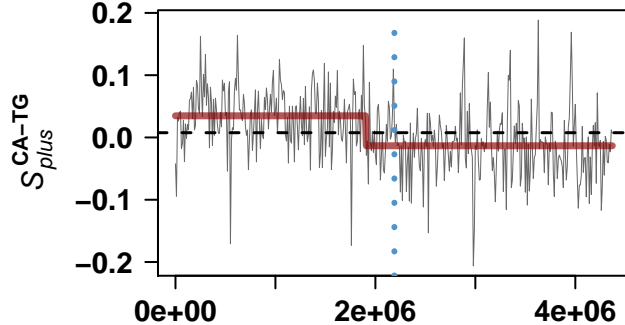
genome coordinates



genome coordinates

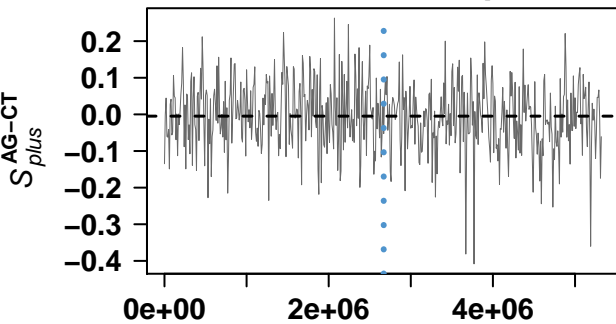


genome coordinates

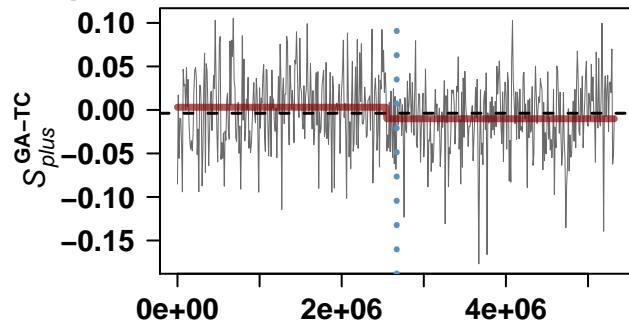


genome coordinates

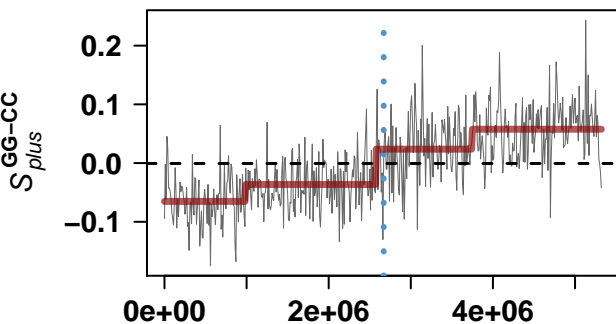
# Rhodospseudomonas palustris HaA2



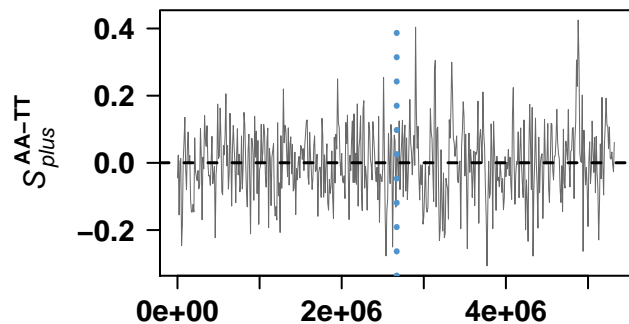
genome coordinates



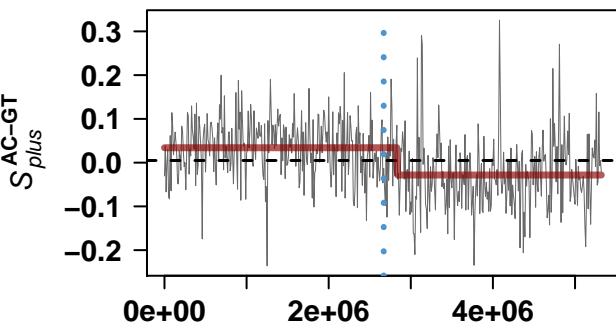
genome coordinates



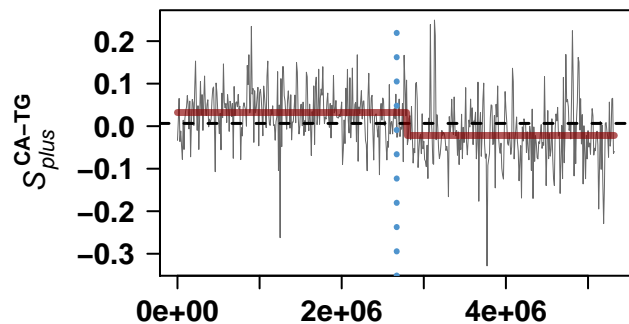
genome coordinates



genome coordinates

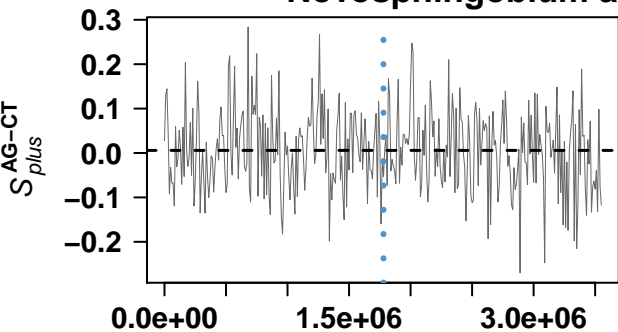


genome coordinates

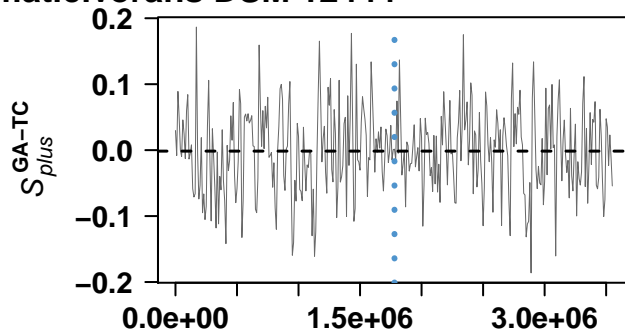


genome coordinates

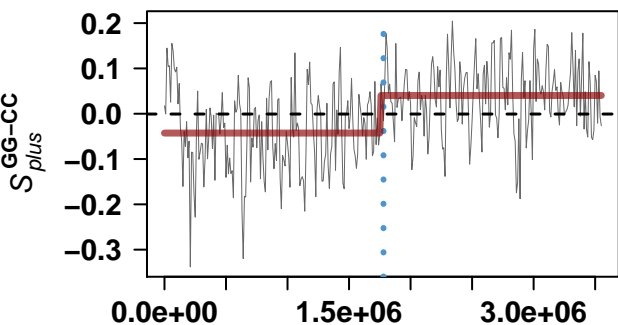
# Novosphingobium aromaticivorans DSM 12444



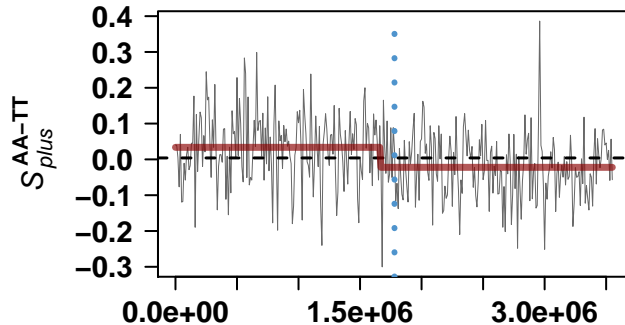
genome coordinates



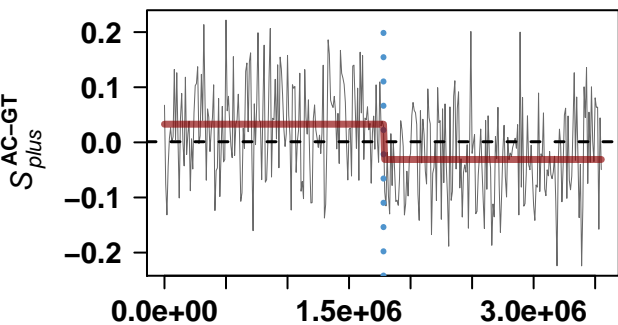
genome coordinates



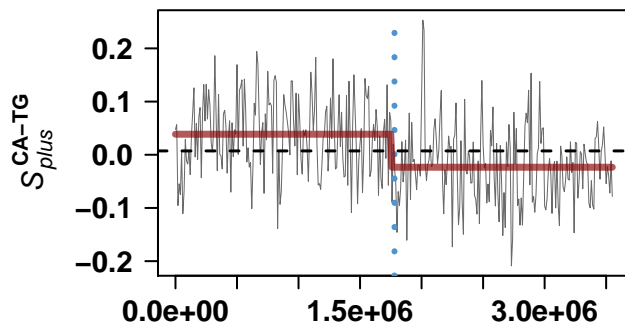
genome coordinates



genome coordinates

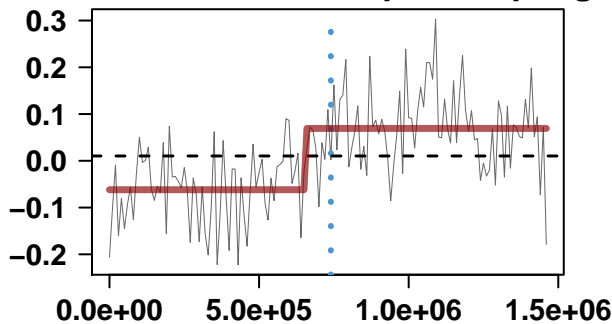


genome coordinates

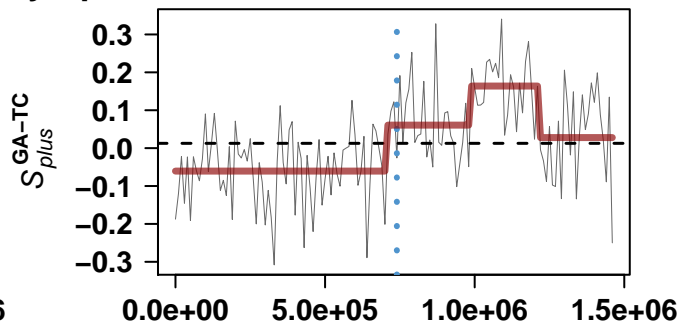


genome coordinates

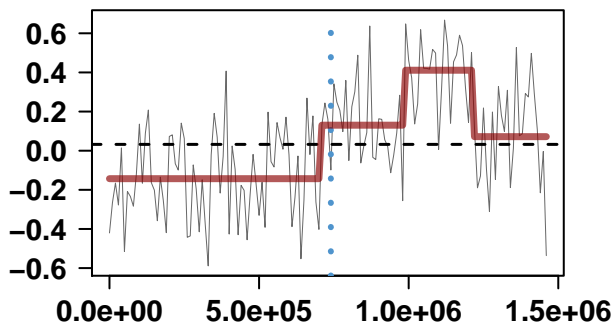
# Anaplasma phagocytophilum str. HZ



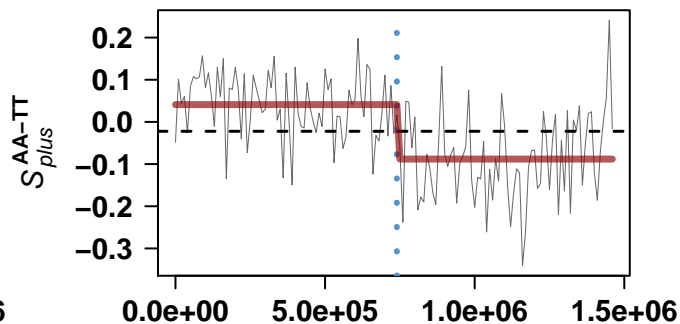
genome coordinates



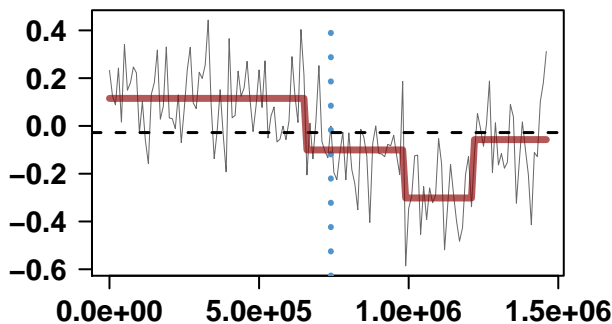
genome coordinates



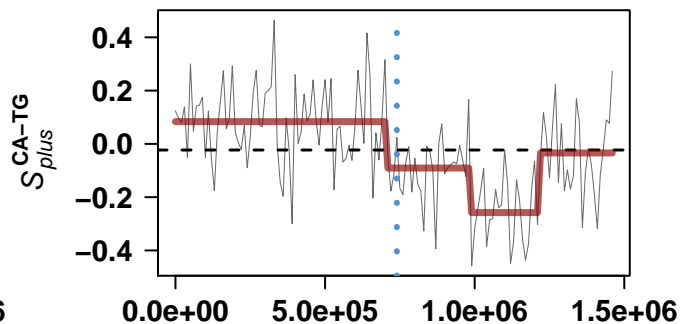
genome coordinates



genome coordinates

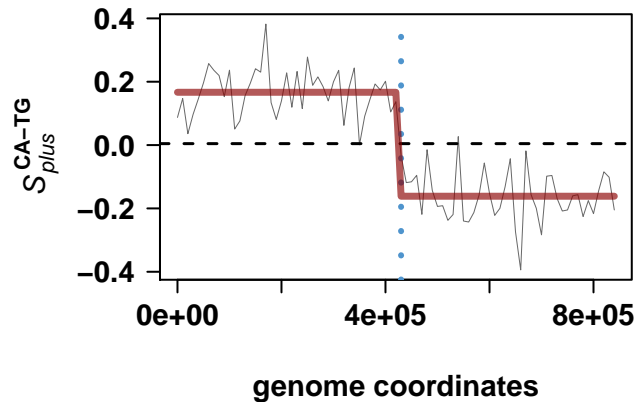
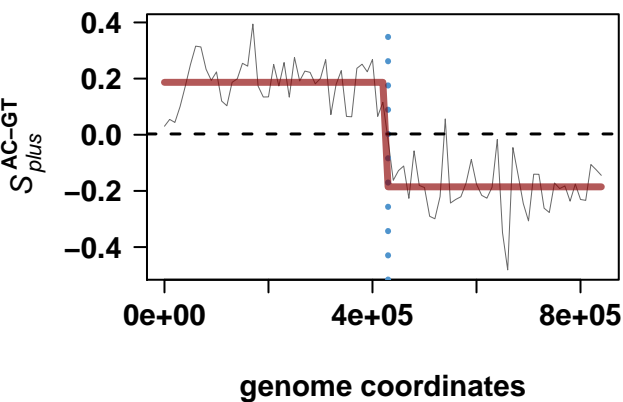
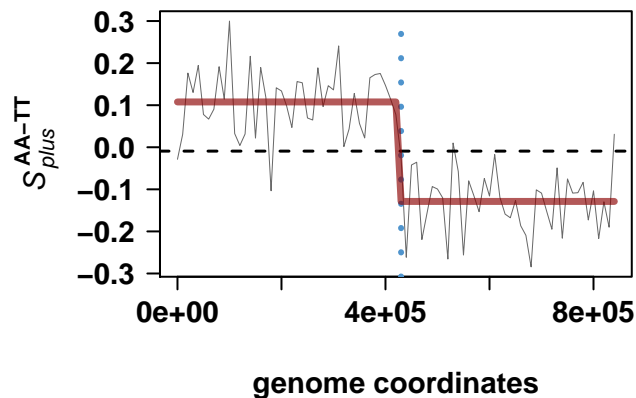
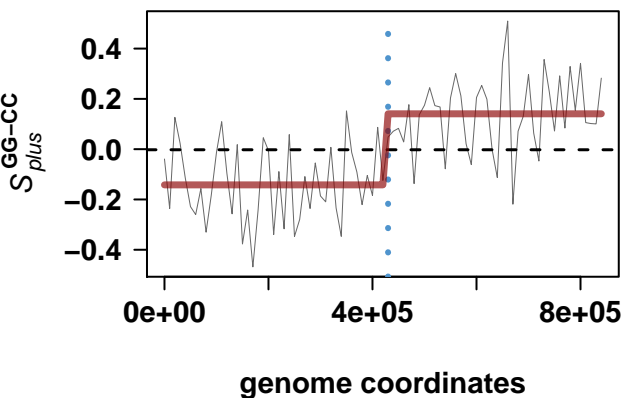
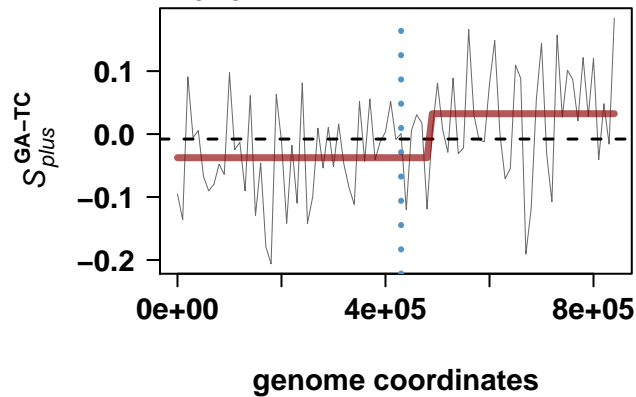
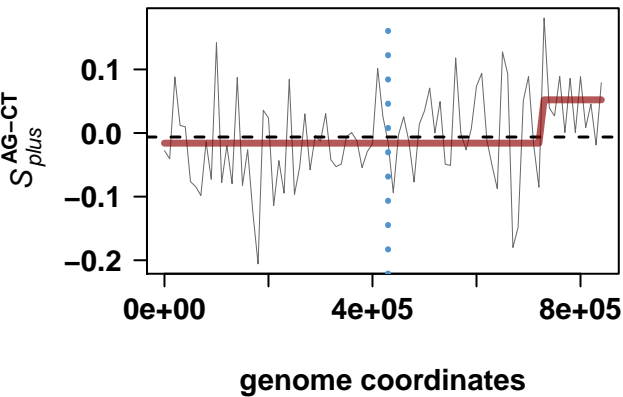


genome coordinates

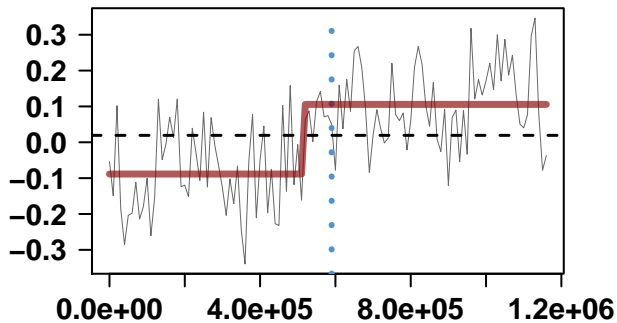


genome coordinates

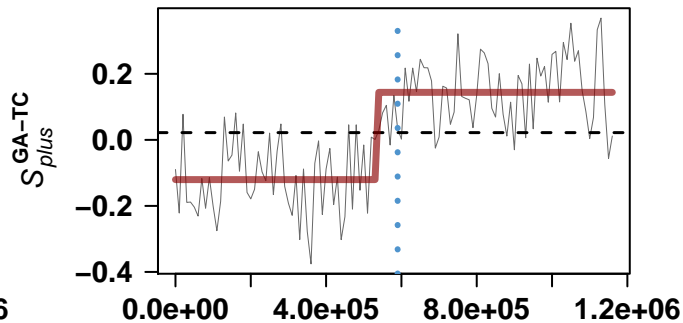
# Neorickettsia sennetsu str. Miyayama



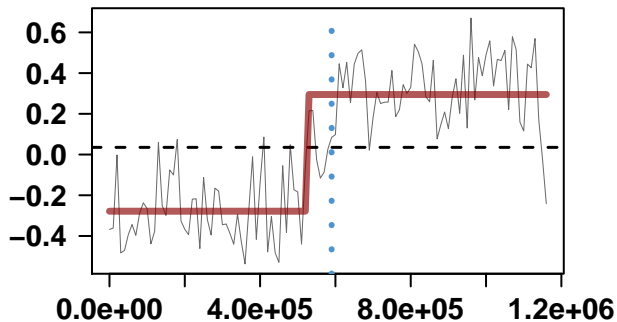
# Ehrlichia chaffeensis str. Arkansas



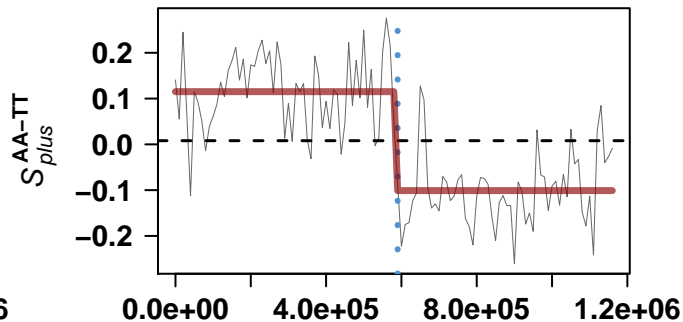
genome coordinates



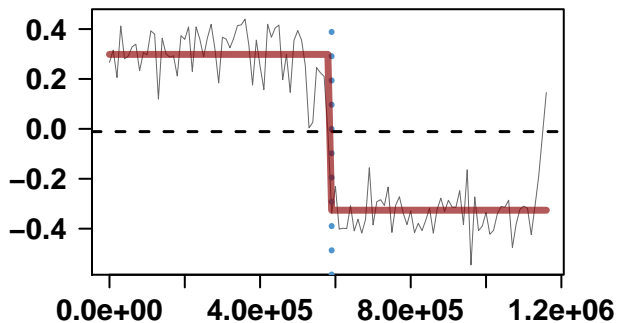
genome coordinates



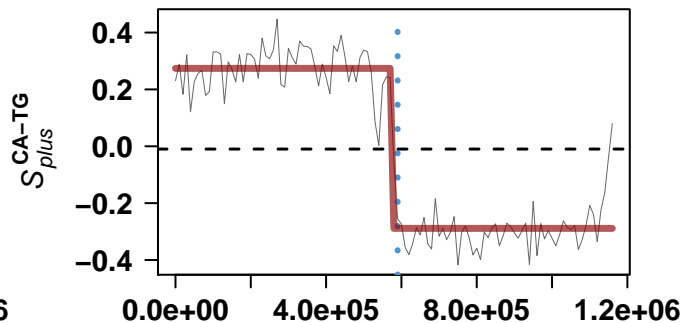
genome coordinates



genome coordinates

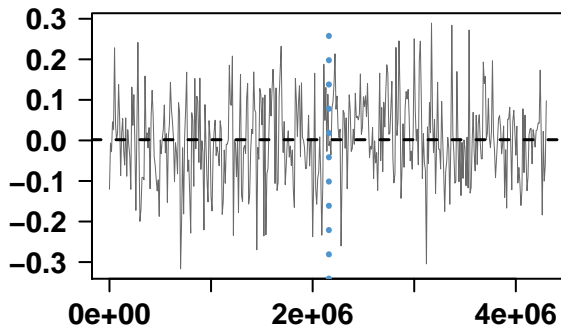


genome coordinates

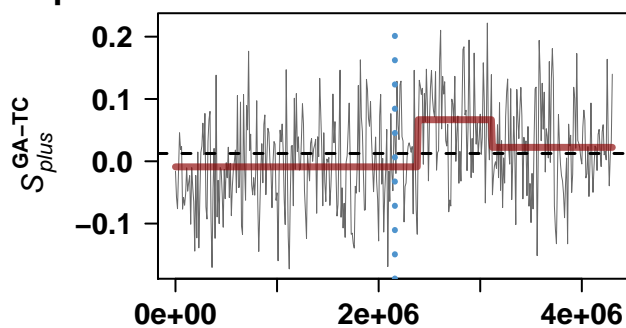


genome coordinates

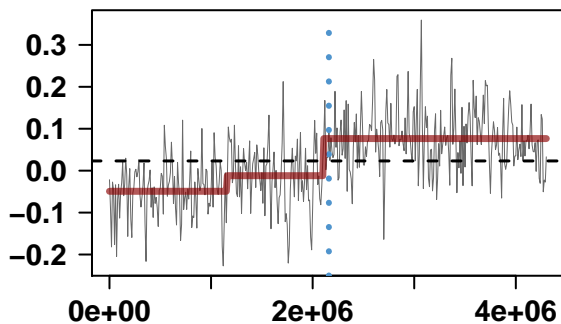
# Jannaschia sp. CCS1



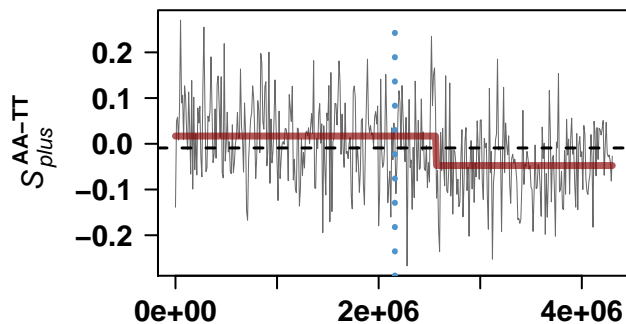
genome coordinates



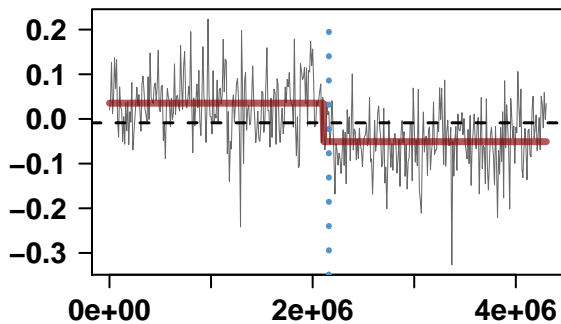
genome coordinates



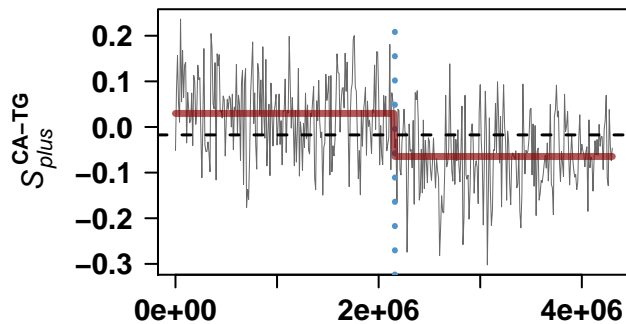
genome coordinates



genome coordinates

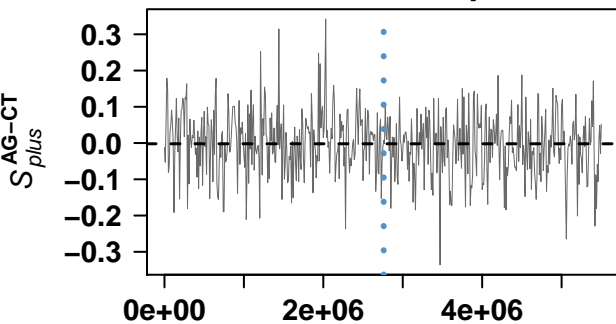


genome coordinates

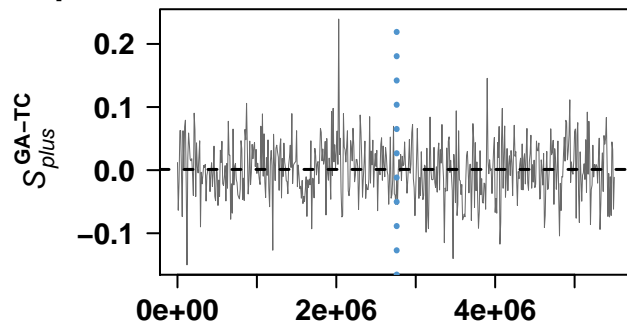


genome coordinates

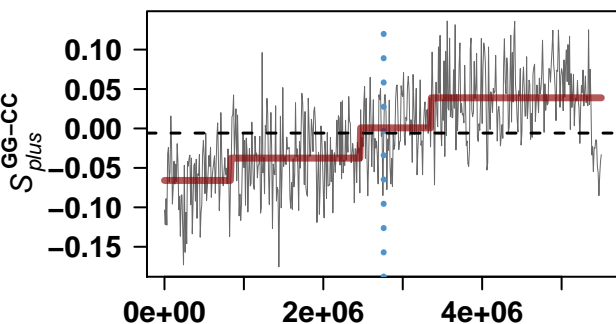
# Rhodopseudomonas palustris BisB18



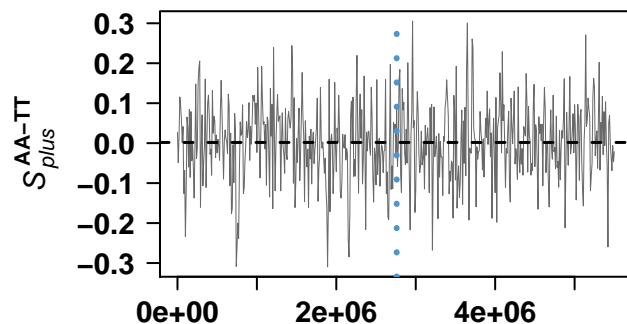
genome coordinates



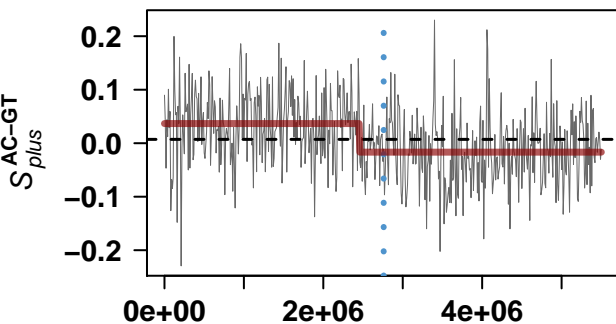
genome coordinates



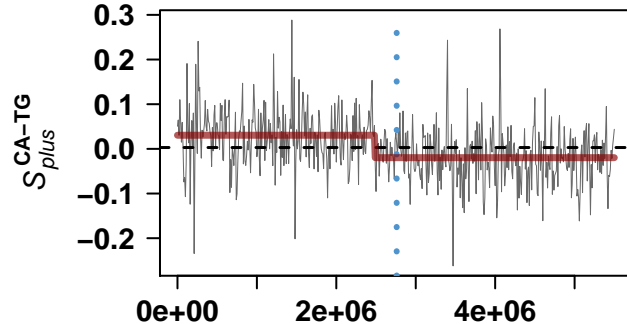
genome coordinates



genome coordinates

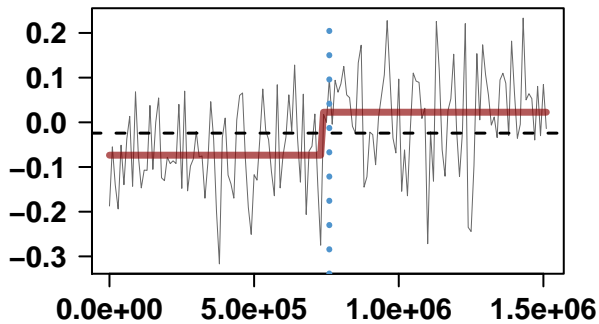


genome coordinates

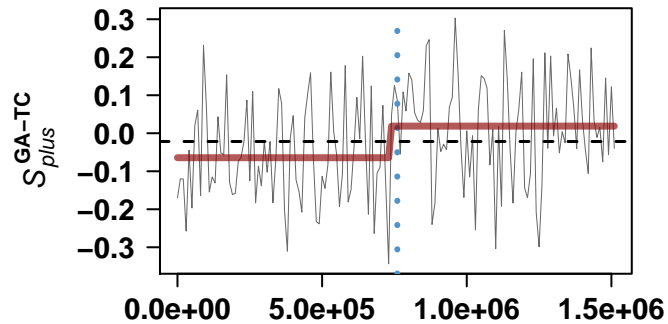


genome coordinates

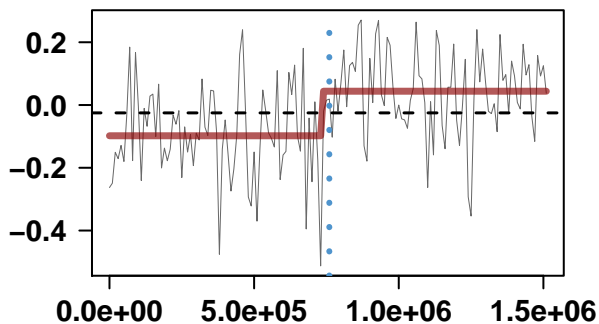
# Rickettsia bellii RML369-C



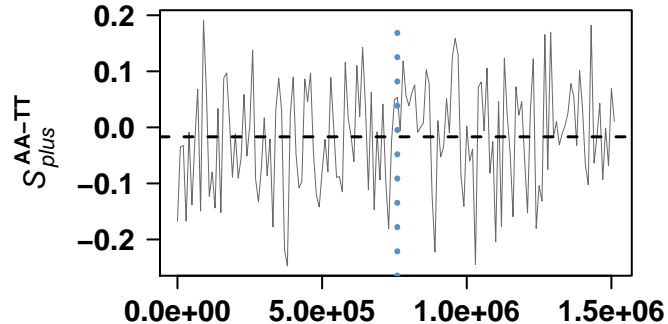
genome coordinates



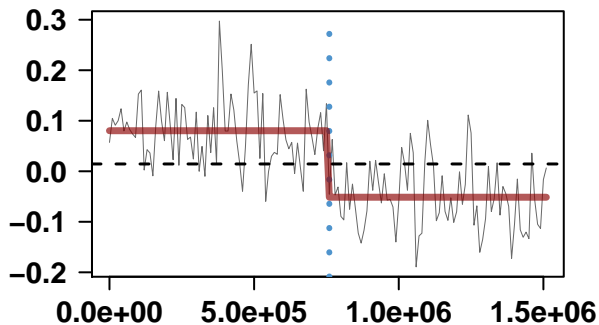
genome coordinates



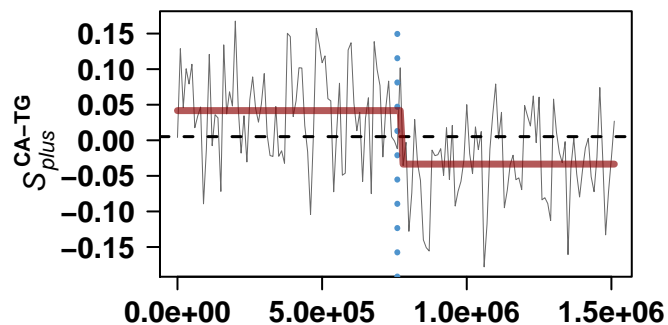
genome coordinates



genome coordinates

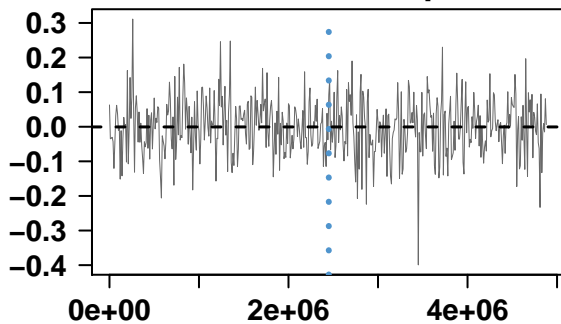


genome coordinates

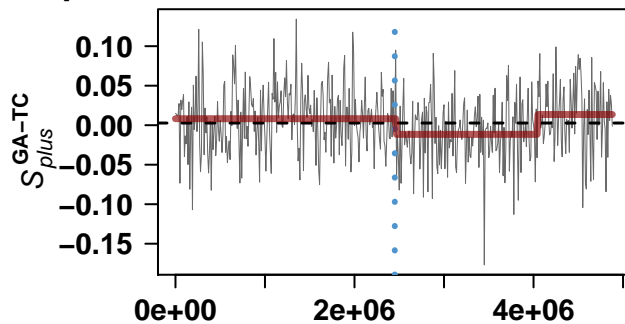


genome coordinates

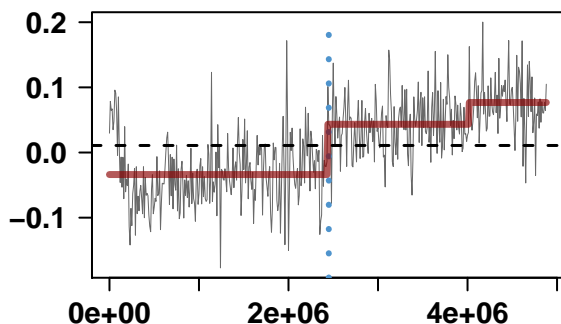
# Rhodospseudomonas palustris BisB5



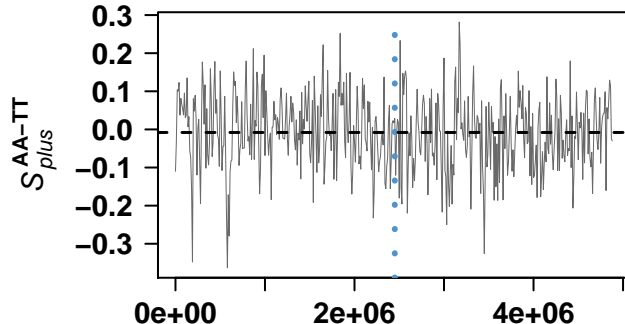
genome coordinates



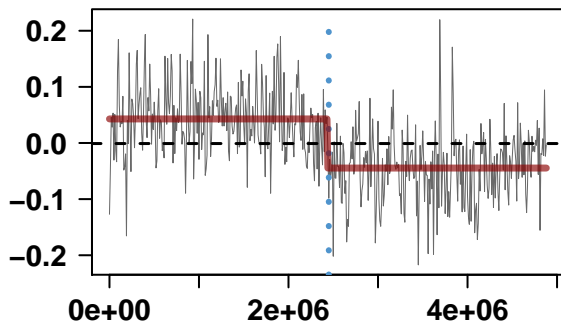
genome coordinates



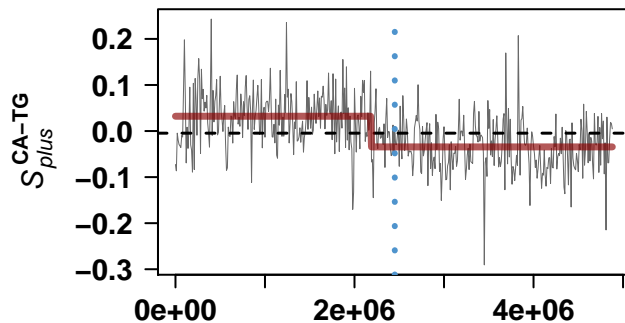
genome coordinates



genome coordinates

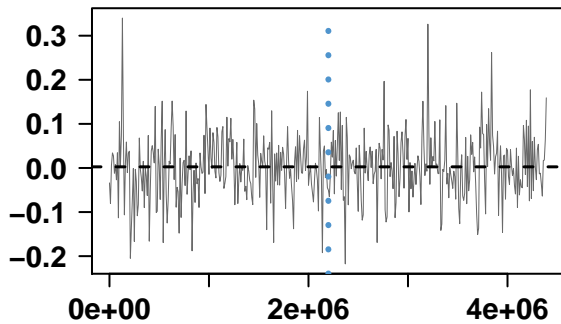


genome coordinates

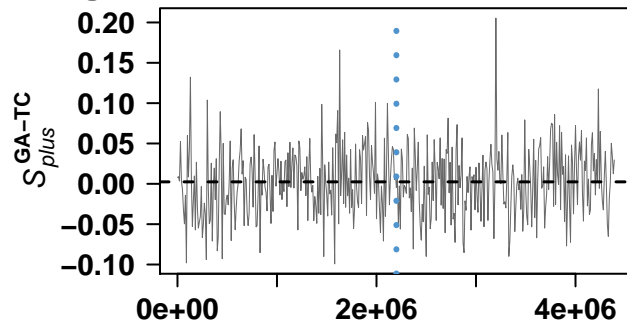


genome coordinates

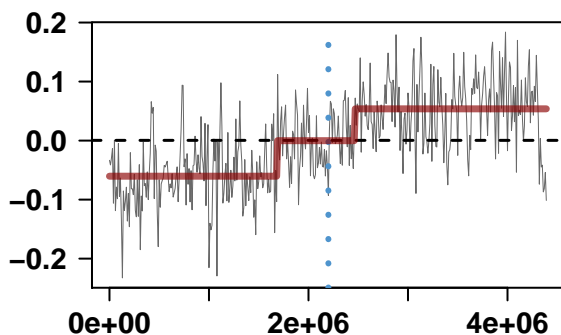
# Nitrobacter hamburgensis X14



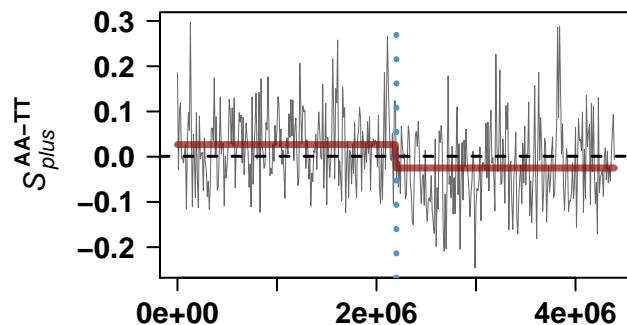
genome coordinates



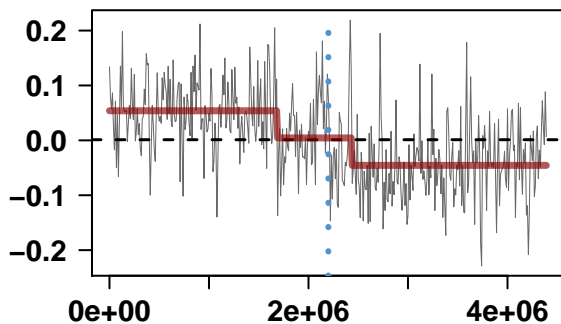
genome coordinates



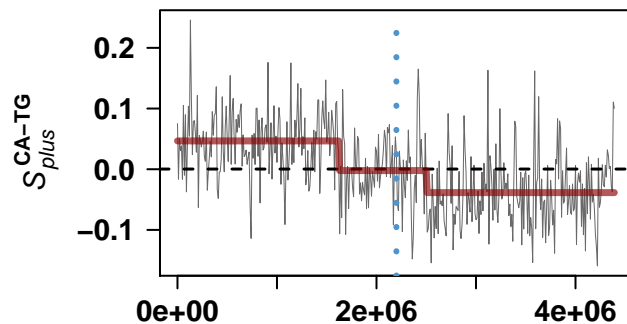
genome coordinates



genome coordinates

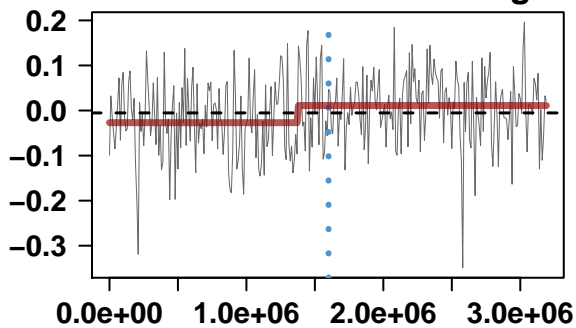


genome coordinates

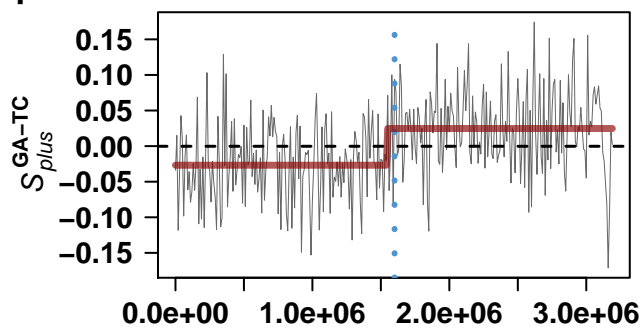


genome coordinates

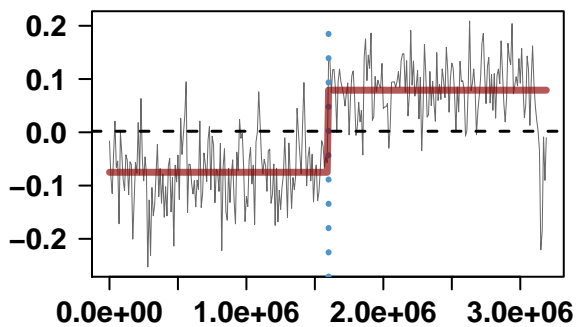
# Ruegeria sp. TM1040



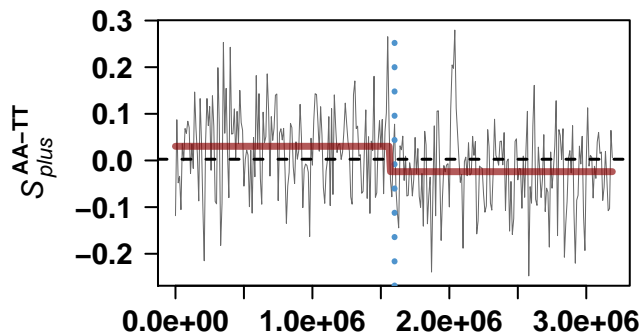
genome coordinates



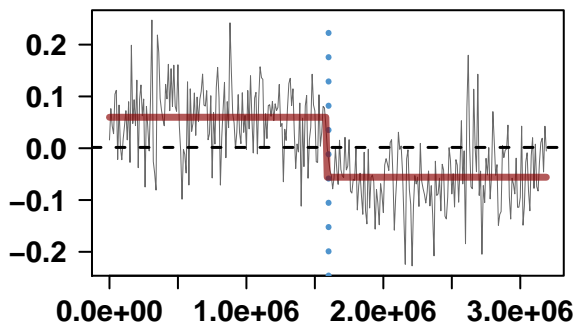
genome coordinates



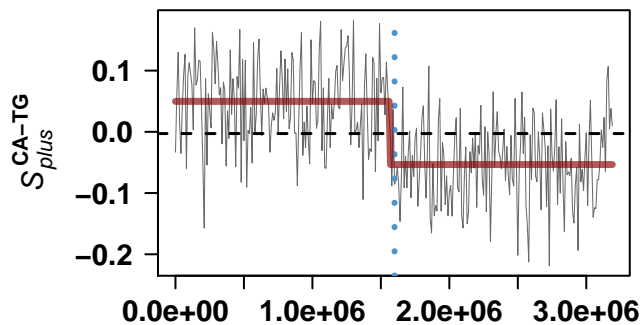
genome coordinates



genome coordinates

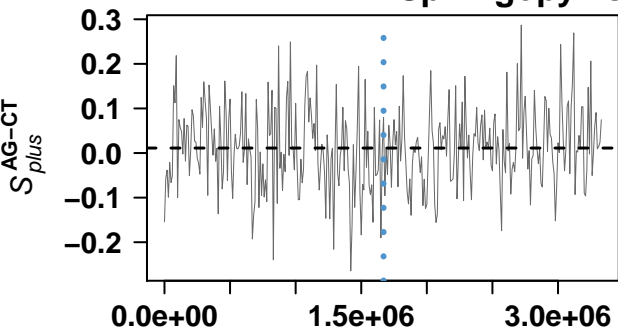


genome coordinates

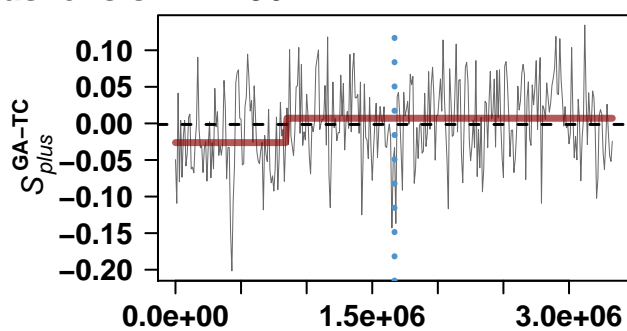


genome coordinates

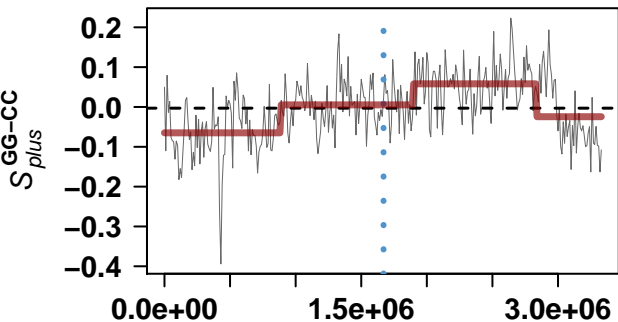
# Spingopyxis alaskensis RB2256



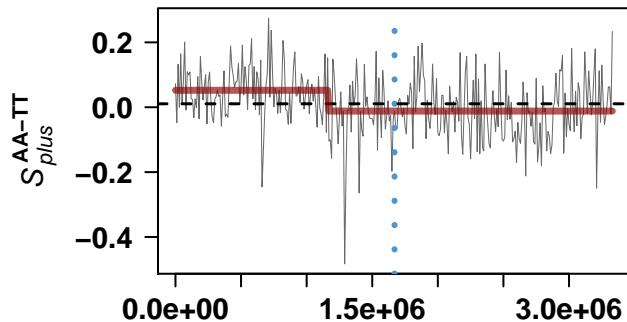
genome coordinates



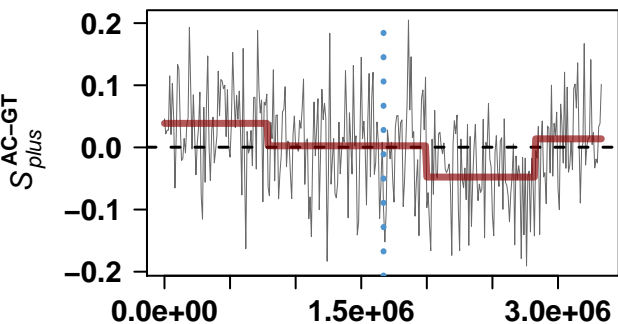
genome coordinates



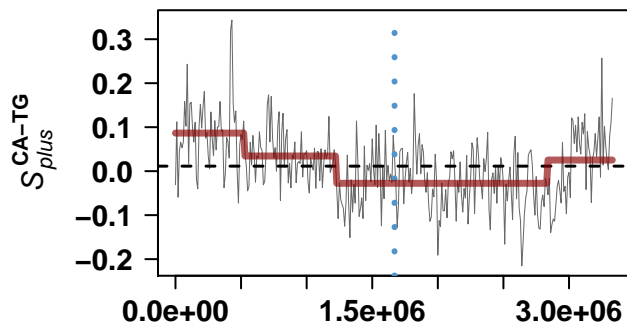
genome coordinates



genome coordinates

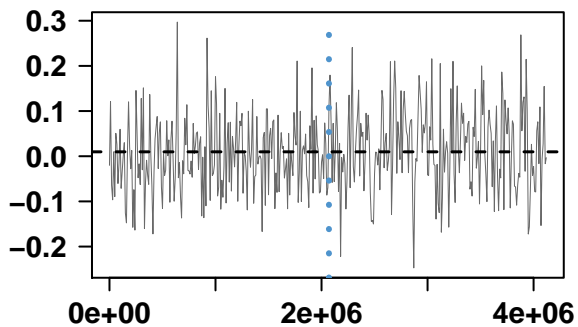


genome coordinates

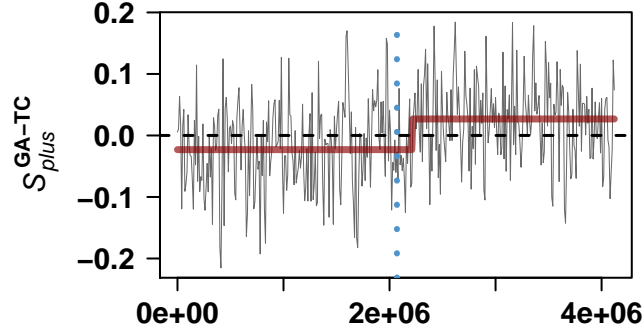


genome coordinates

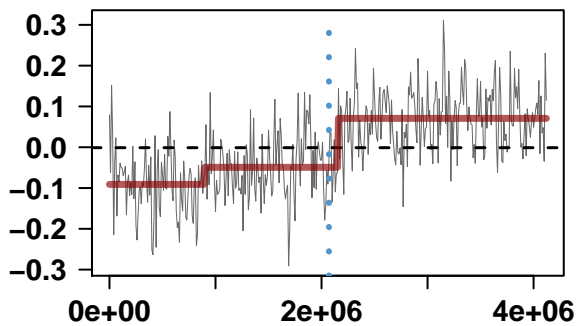
# Roseobacter denitrificans OCh 114



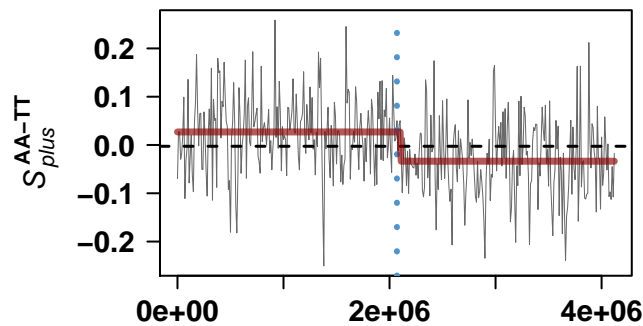
genome coordinates



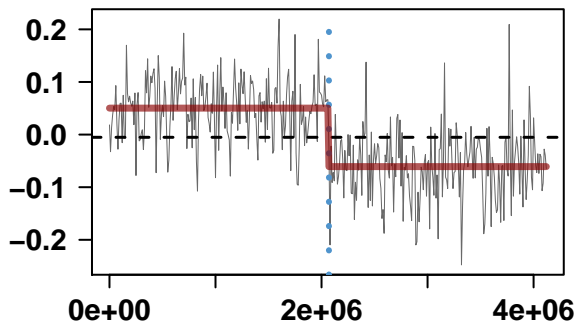
genome coordinates



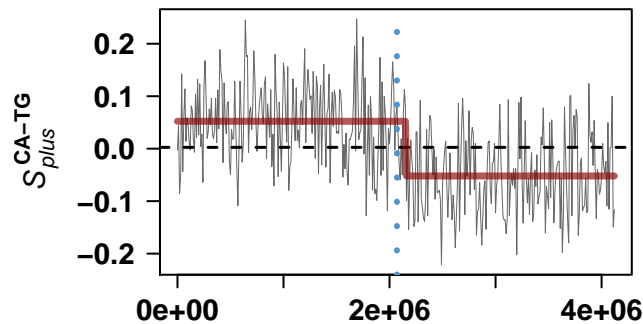
genome coordinates



genome coordinates

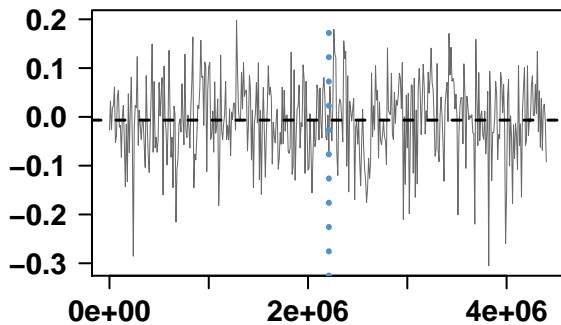


genome coordinates

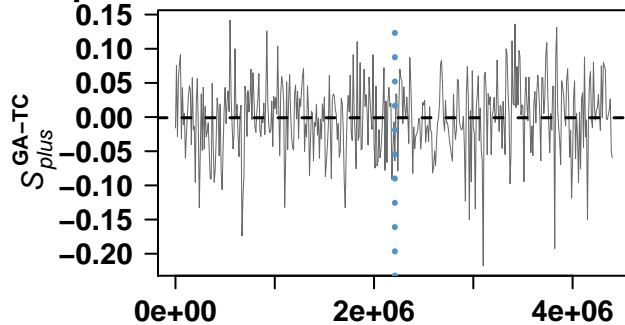


genome coordinates

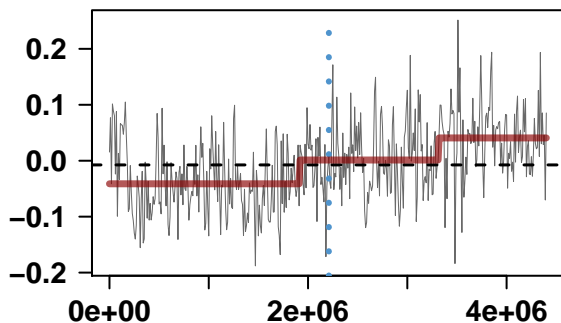
# Chelativorans sp. BNC1



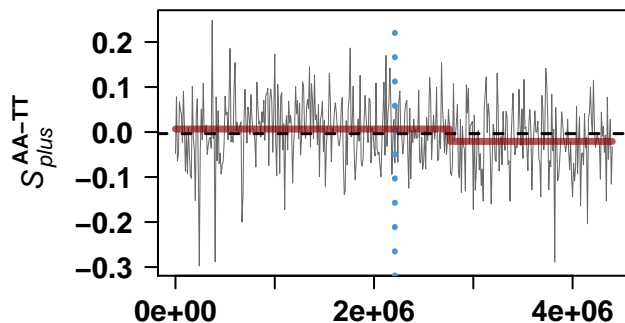
genome coordinates



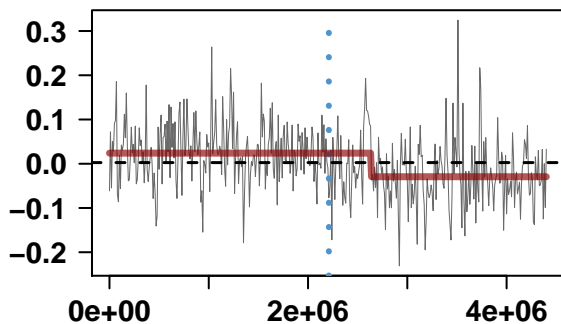
genome coordinates



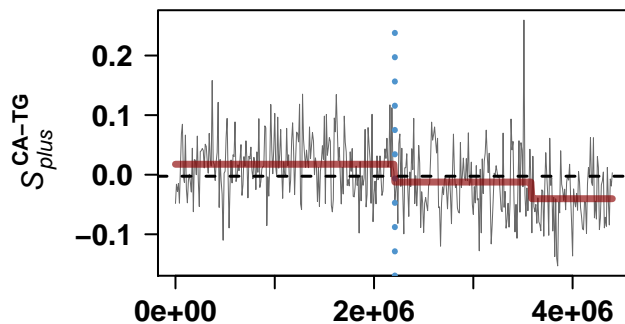
genome coordinates



genome coordinates

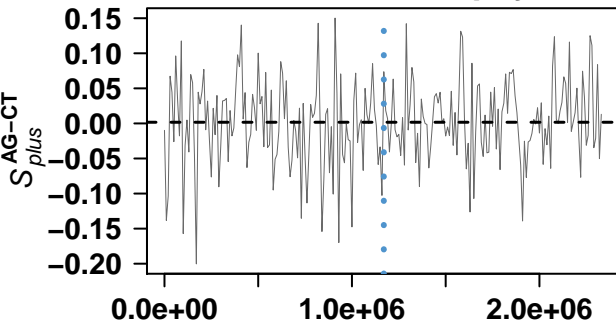


genome coordinates

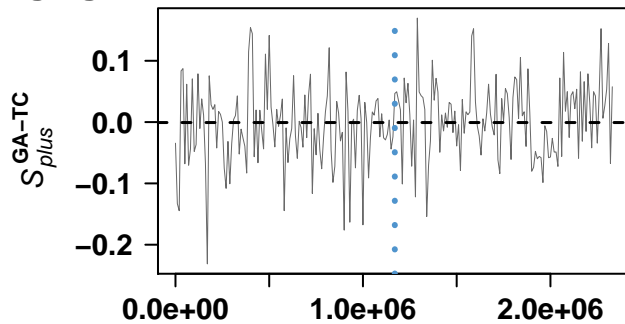


genome coordinates

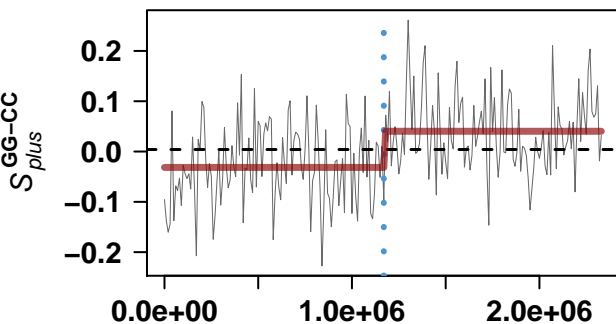
# Porphyromonas gingivalis W83



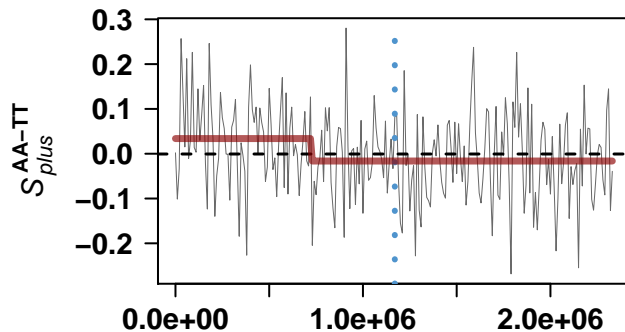
genome coordinates



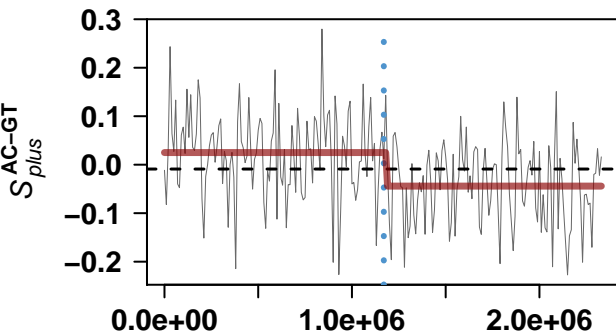
genome coordinates



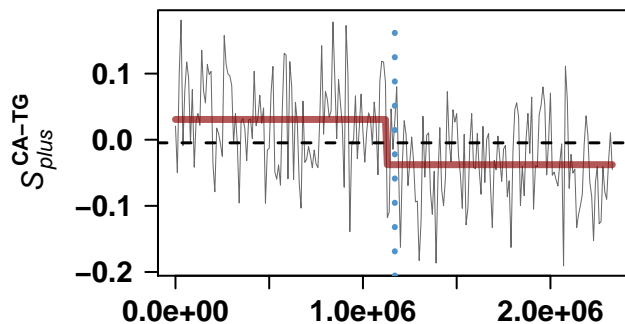
genome coordinates



genome coordinates

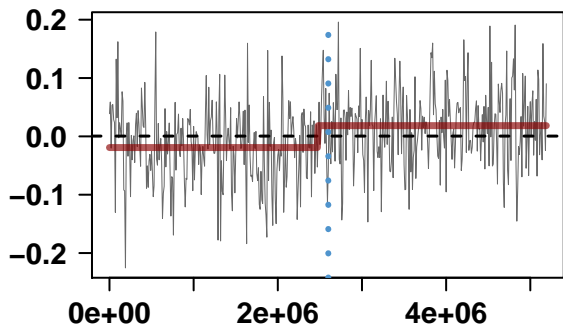


genome coordinates

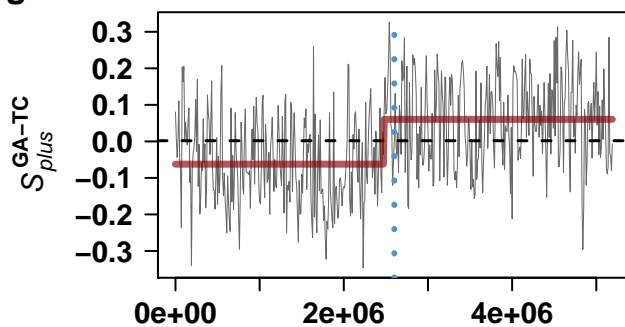


genome coordinates

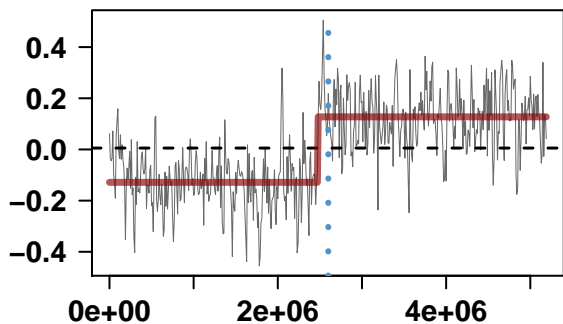
# Bacteroides fragilis NCTC 9343



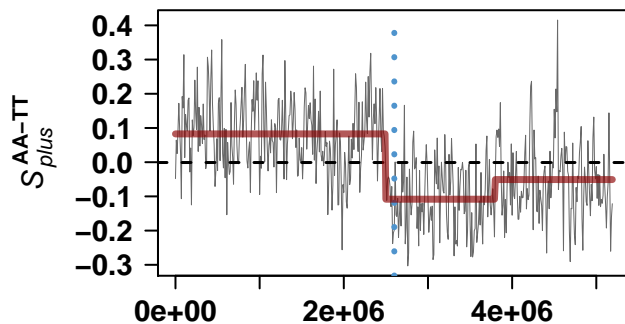
genome coordinates



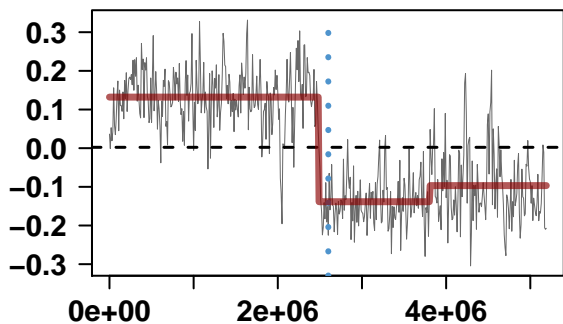
genome coordinates



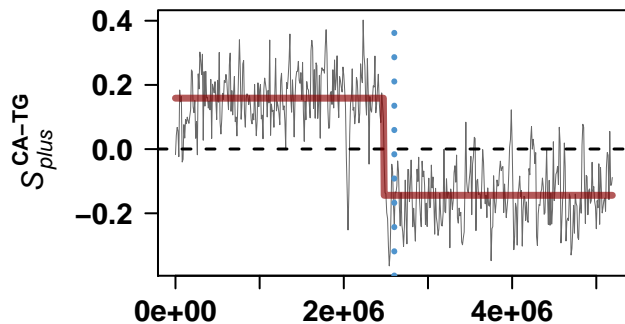
genome coordinates



genome coordinates

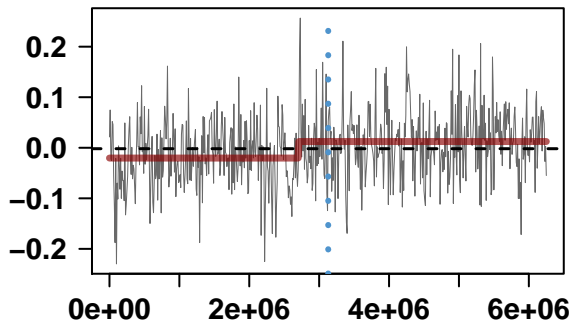


genome coordinates

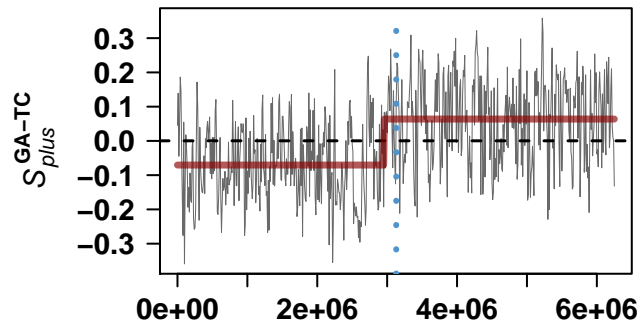


genome coordinates

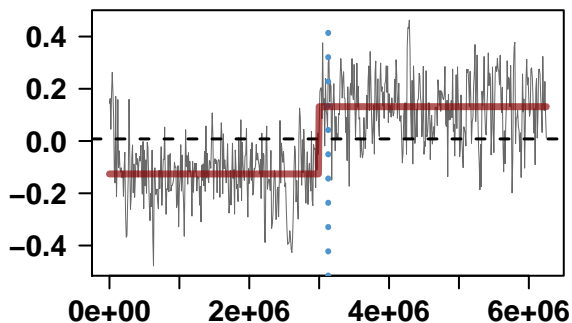
# Bacteroides thetaiotaomicron VPI-5482



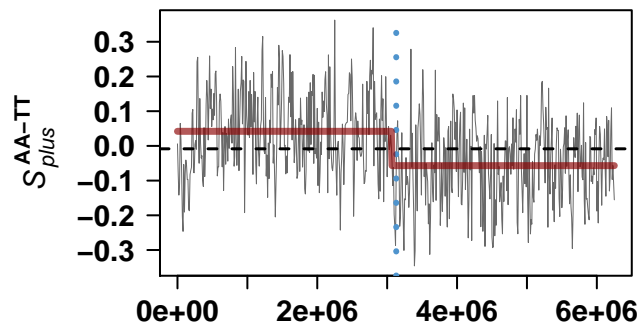
genome coordinates



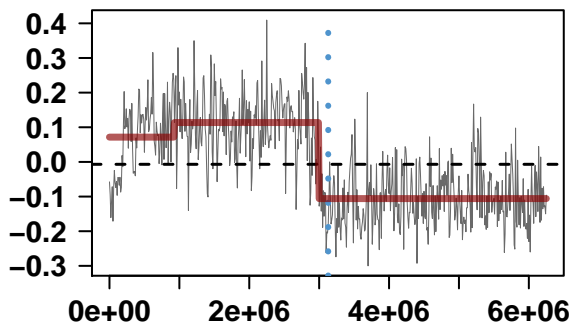
genome coordinates



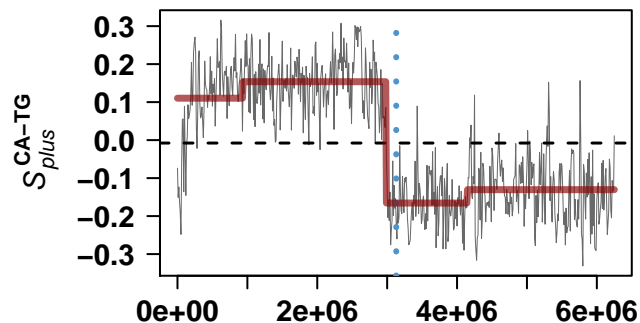
genome coordinates



genome coordinates

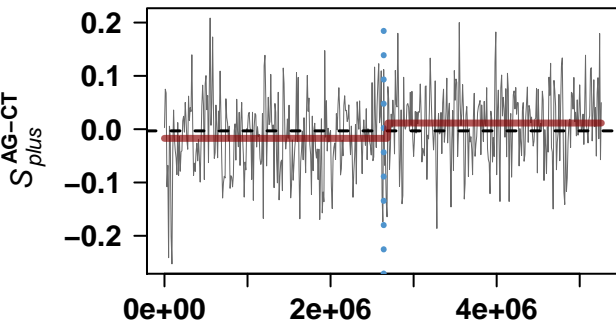


genome coordinates

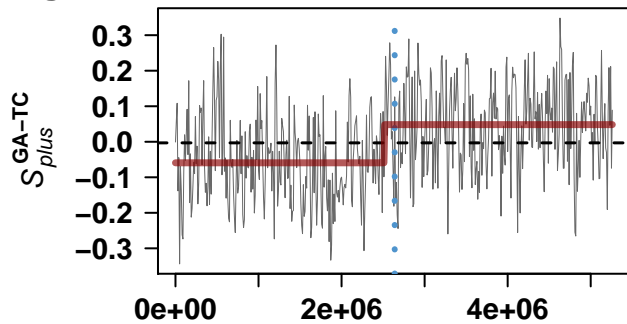


genome coordinates

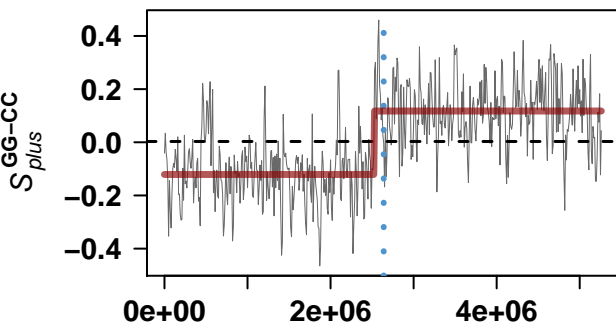
# Bacteroides fragilis YCH46



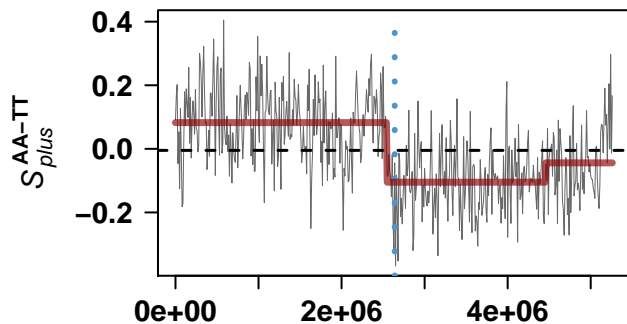
genome coordinates



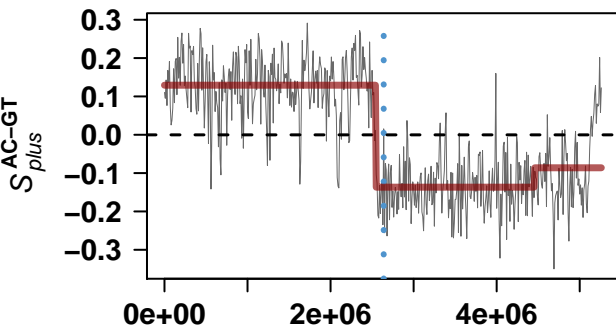
genome coordinates



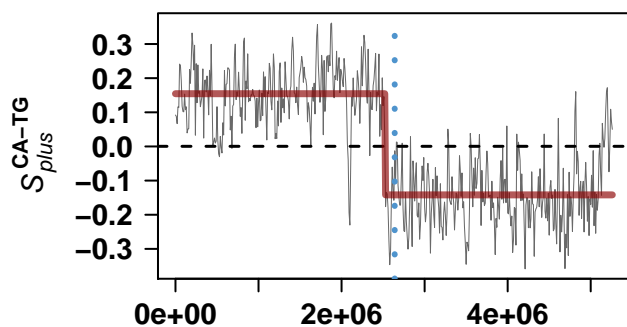
genome coordinates



genome coordinates

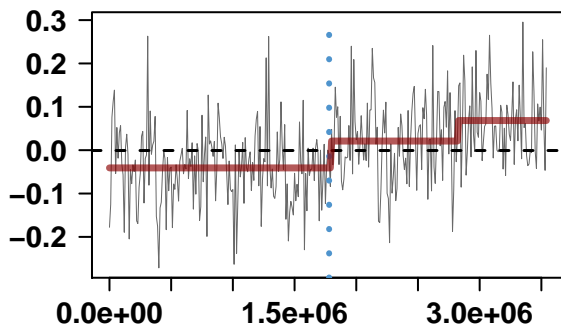


genome coordinates

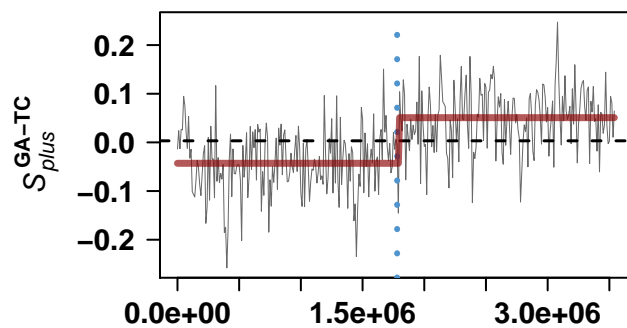


genome coordinates

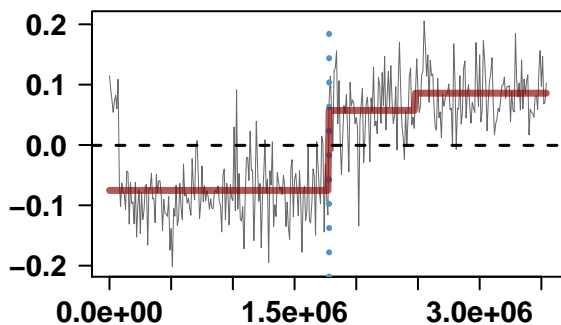
# Salinibacter ruber DSM 13855



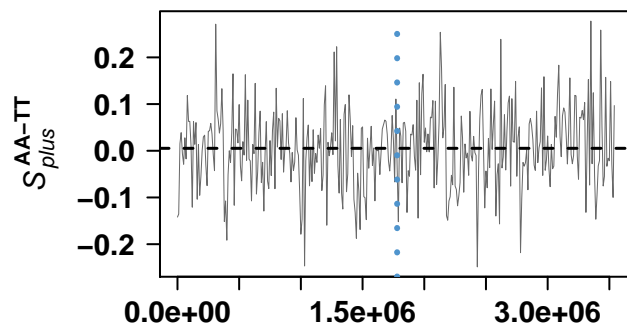
genome coordinates



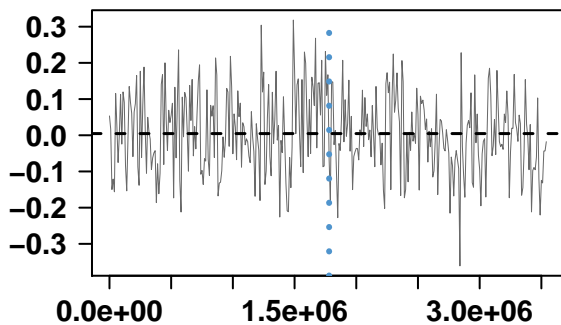
genome coordinates



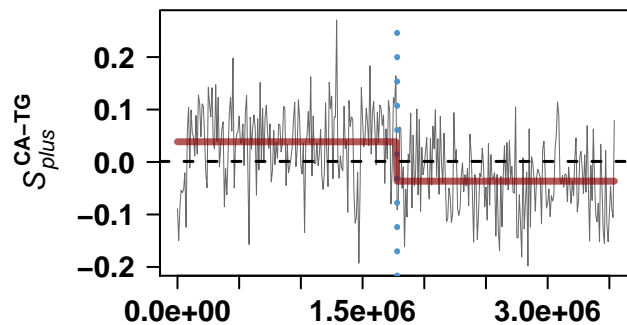
genome coordinates



genome coordinates

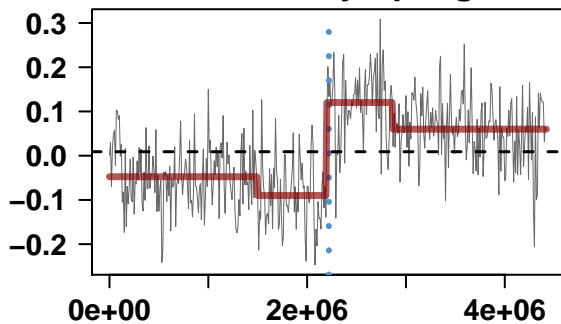


genome coordinates

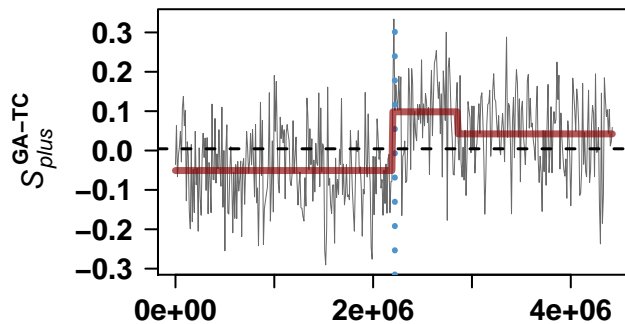


genome coordinates

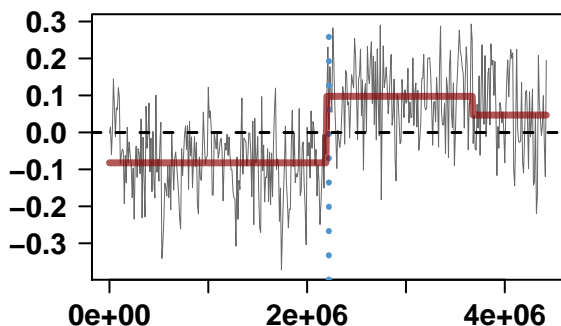
# Cytophaga hutchinsonii ATCC 33406



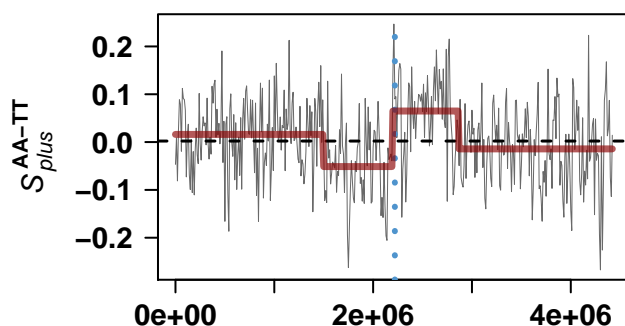
genome coordinates



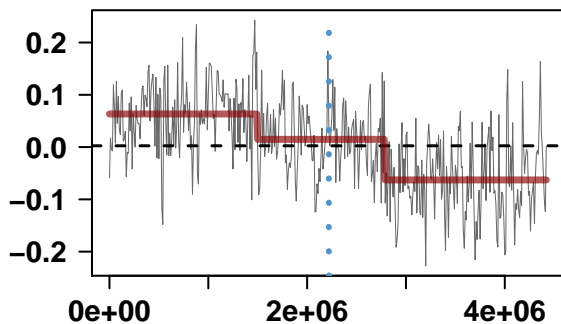
genome coordinates



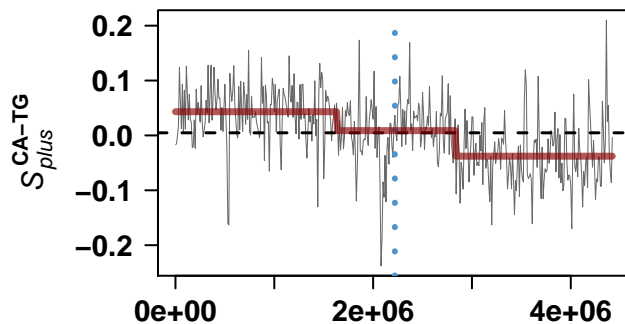
genome coordinates



genome coordinates

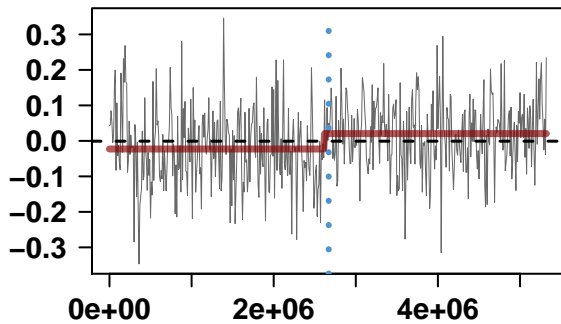


genome coordinates

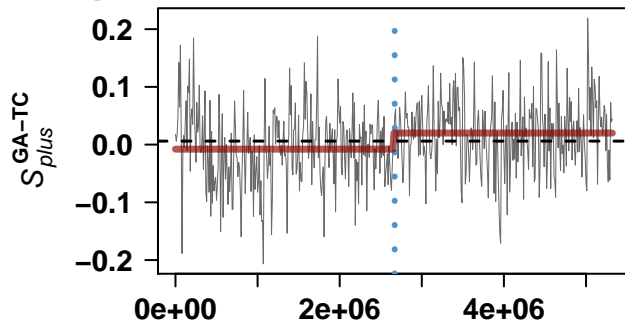


genome coordinates

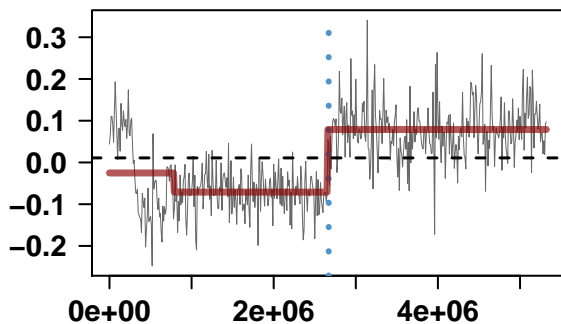
# *Bordetella bronchiseptica* RB50



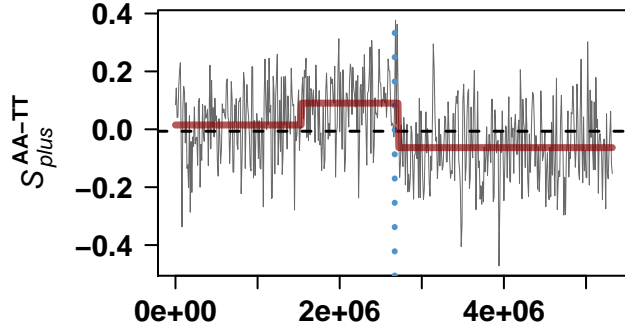
genome coordinates



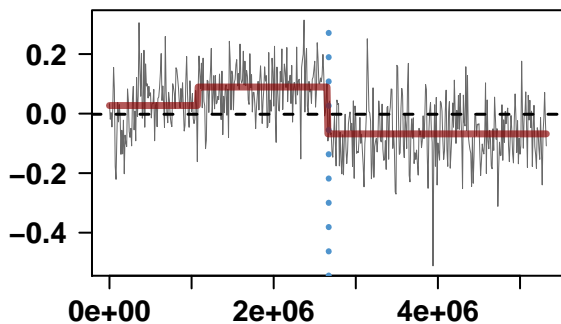
genome coordinates



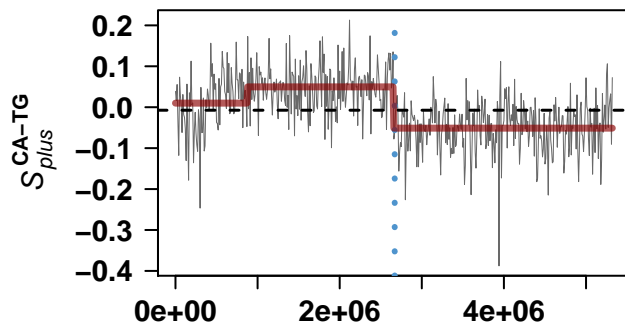
genome coordinates



genome coordinates

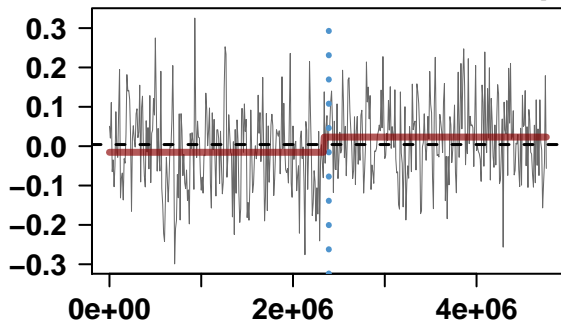


genome coordinates

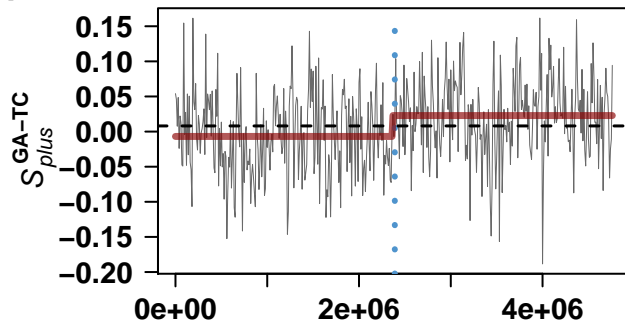


genome coordinates

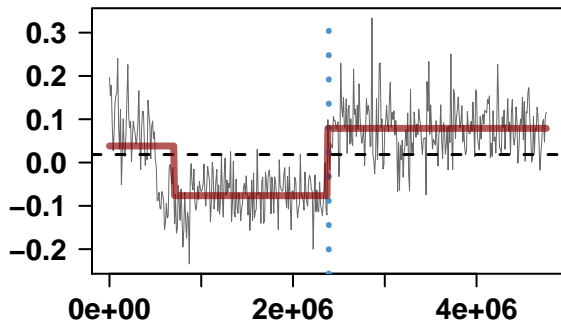
# Bordetella parapertussis 12822



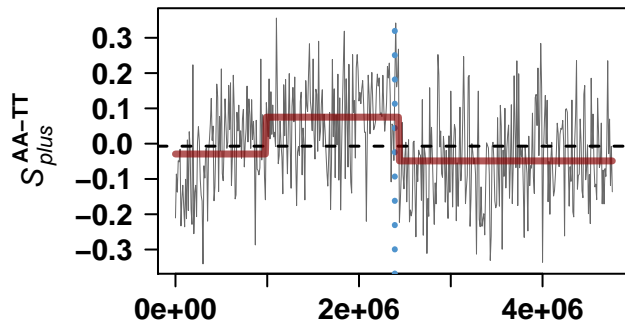
genome coordinates



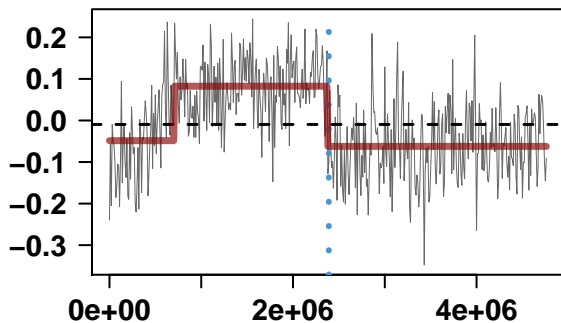
genome coordinates



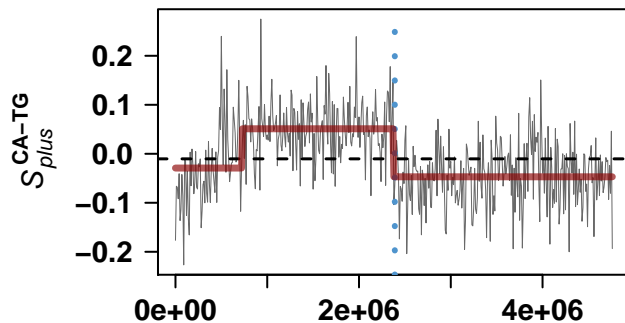
genome coordinates



genome coordinates

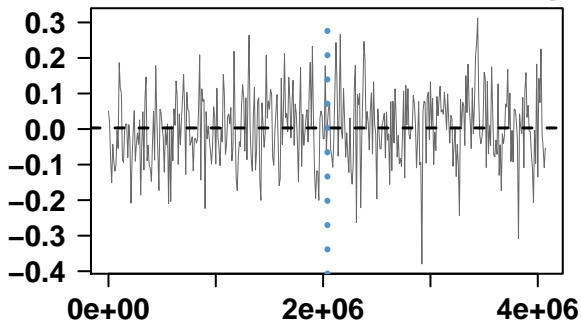


genome coordinates

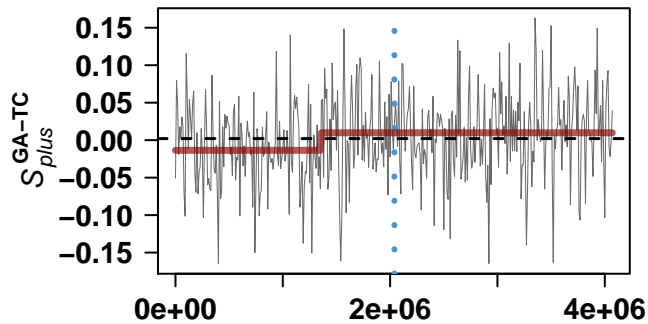


genome coordinates

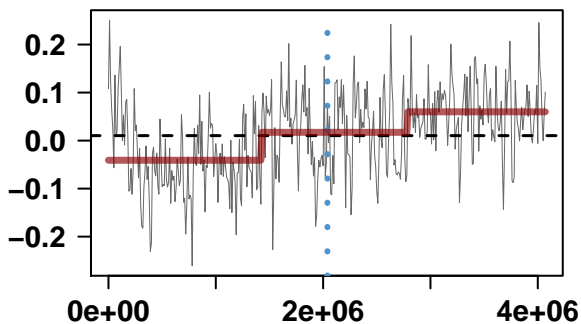
# Bordetella pertussis Tohama I



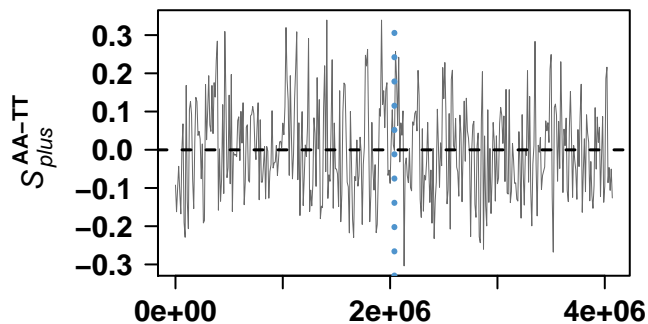
genome coordinates



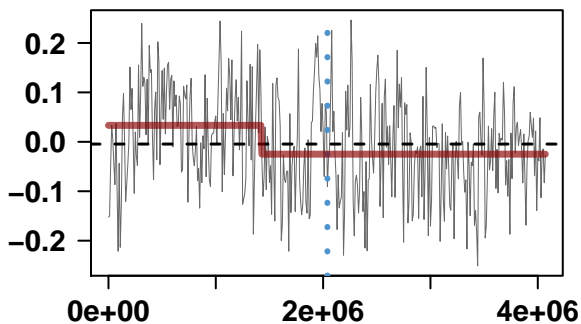
genome coordinates



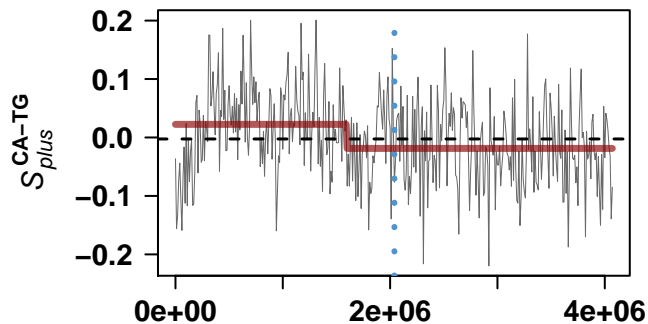
genome coordinates



genome coordinates

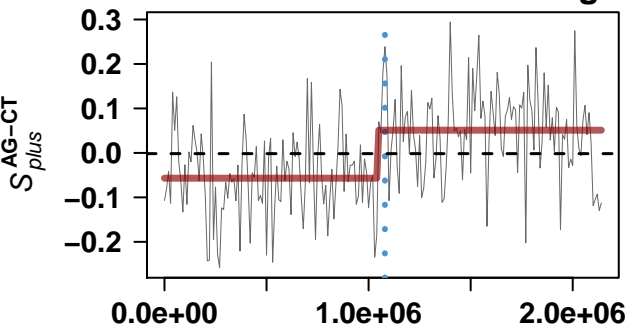


genome coordinates

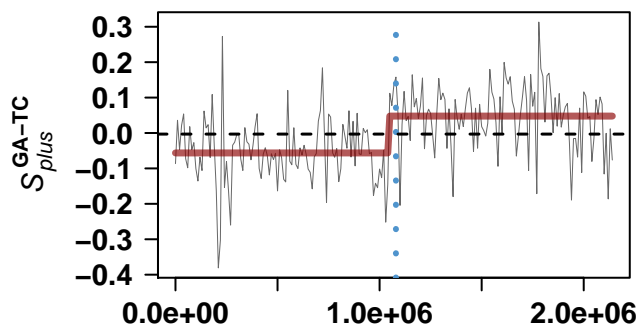


genome coordinates

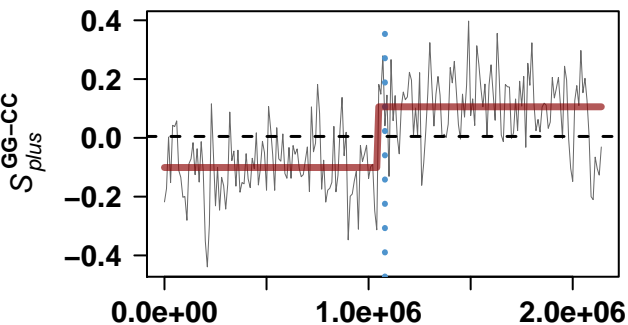
# Neisseria gonorrhoeae FA 1090



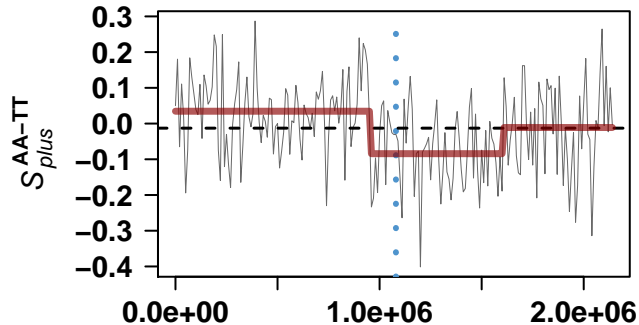
genome coordinates



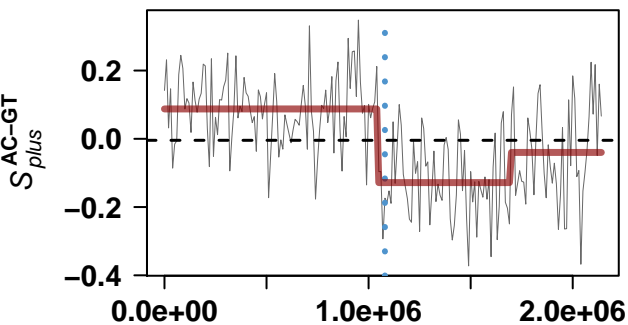
genome coordinates



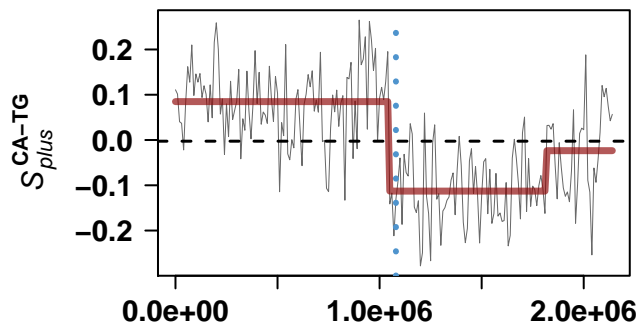
genome coordinates



genome coordinates

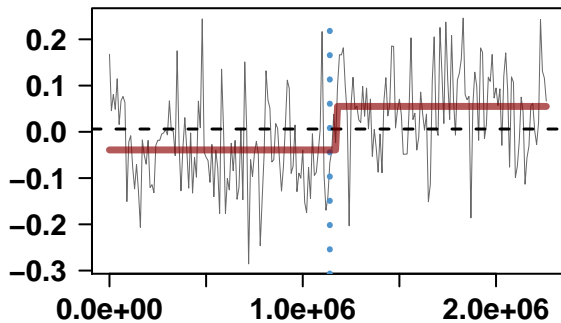


genome coordinates

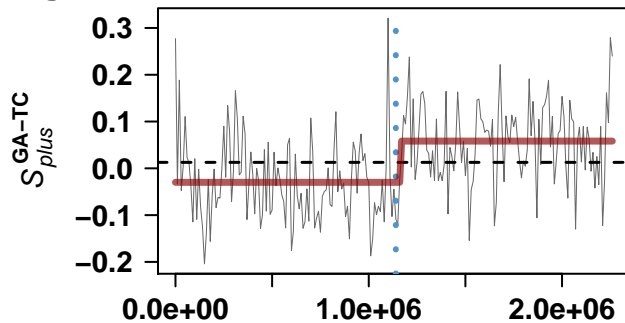


genome coordinates

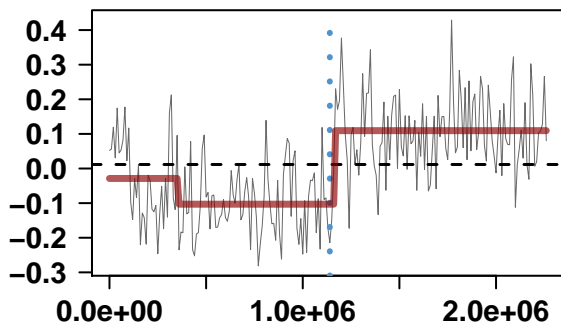
# Neisseria meningitidis MC58



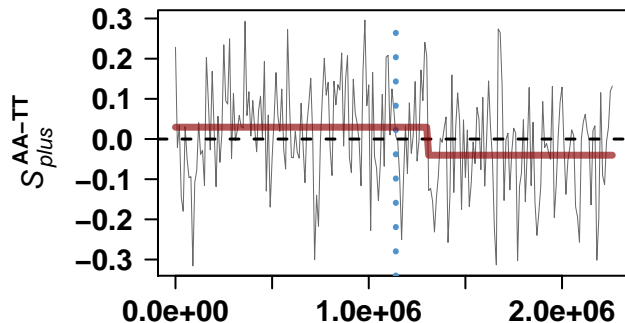
genome coordinates



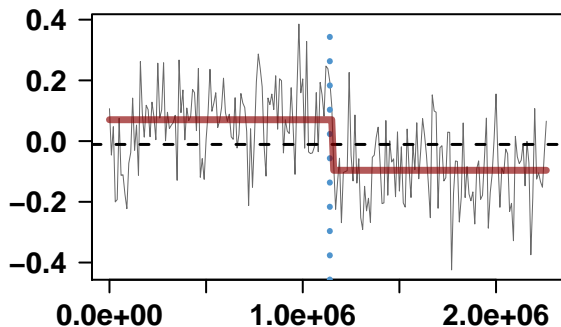
genome coordinates



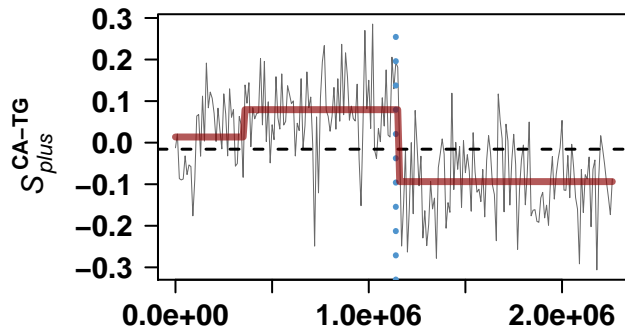
genome coordinates



genome coordinates

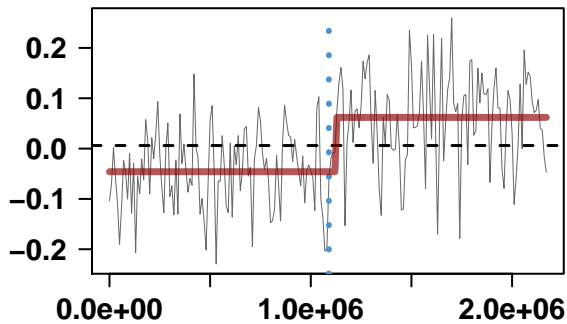


genome coordinates

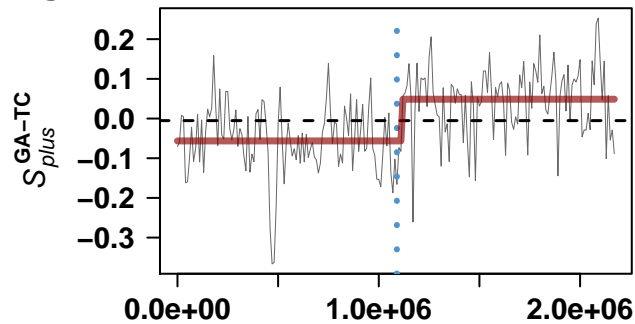


genome coordinates

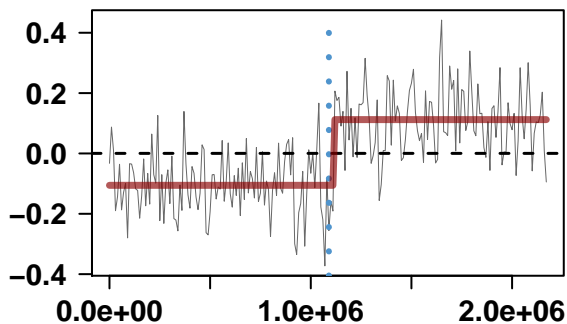
# Neisseria meningitidis Z2491



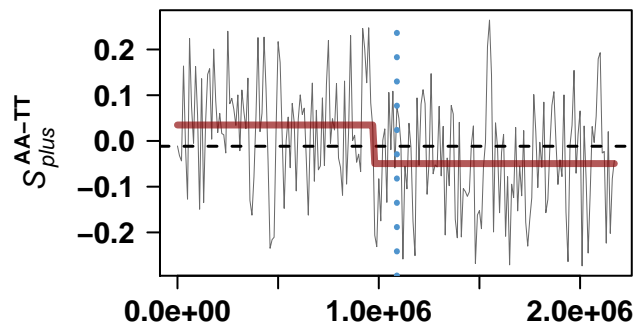
genome coordinates



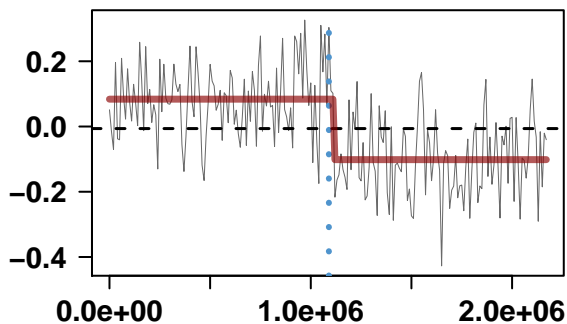
genome coordinates



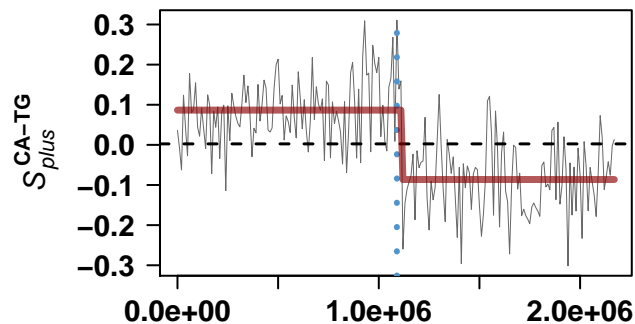
genome coordinates



genome coordinates

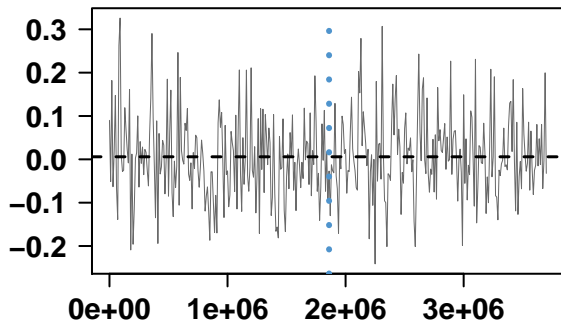


genome coordinates

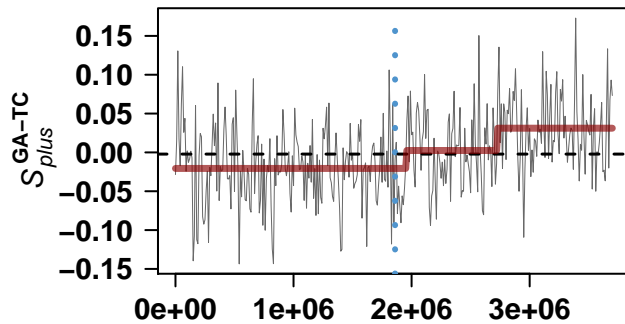


genome coordinates

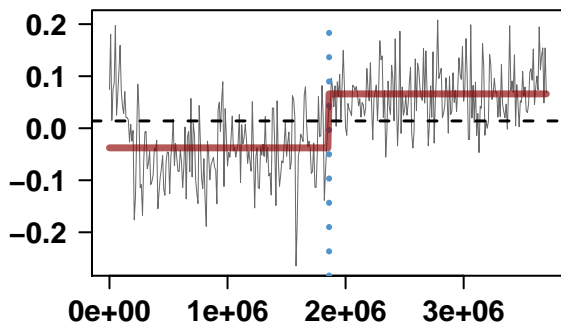
# Ralstonia solanacearum GMI1000



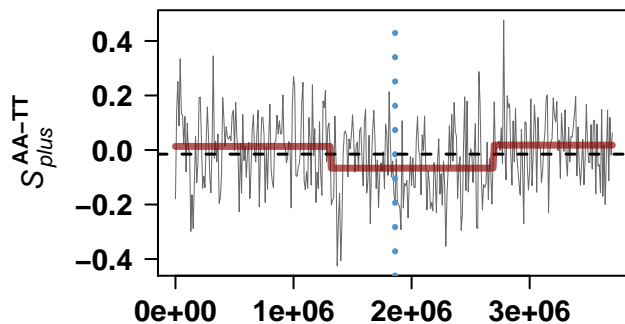
genome coordinates



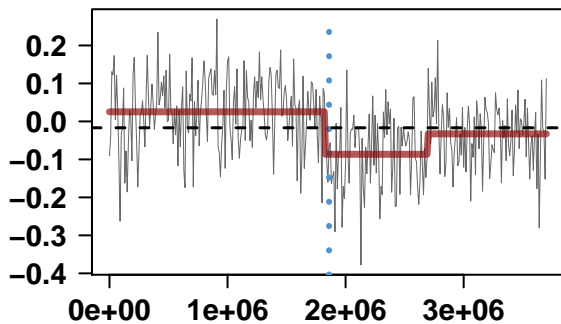
genome coordinates



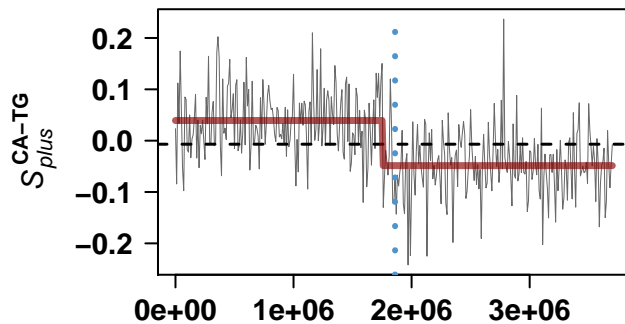
genome coordinates



genome coordinates

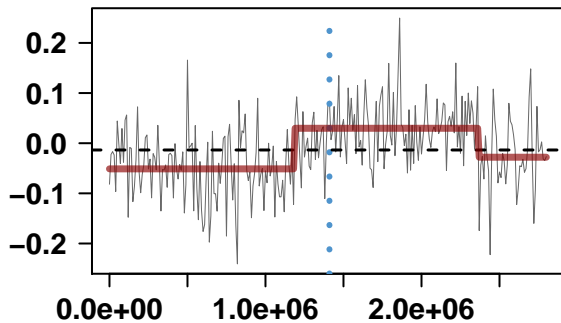


genome coordinates

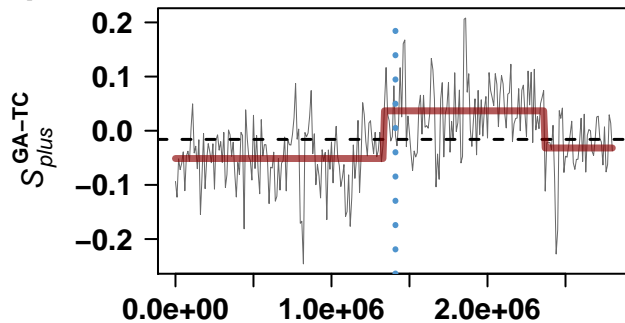


genome coordinates

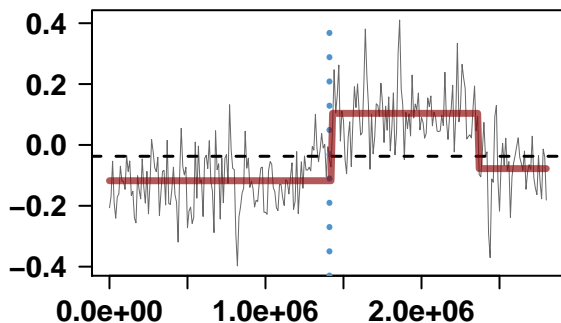
# Nitrosomonas europaea ATCC 19718



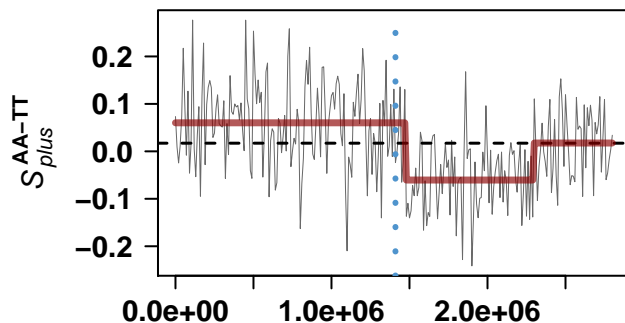
genome coordinates



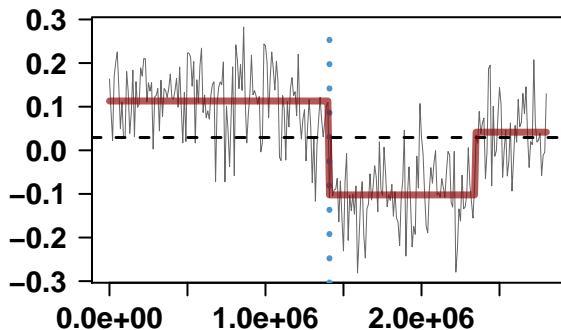
genome coordinates



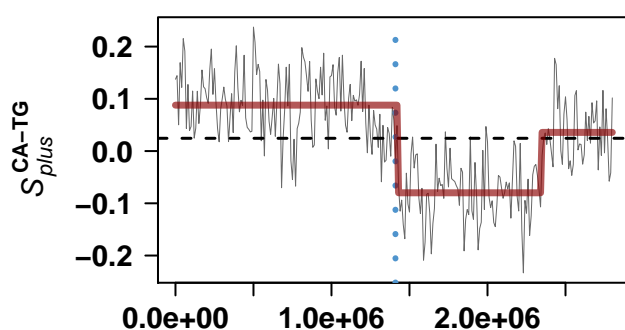
genome coordinates



genome coordinates

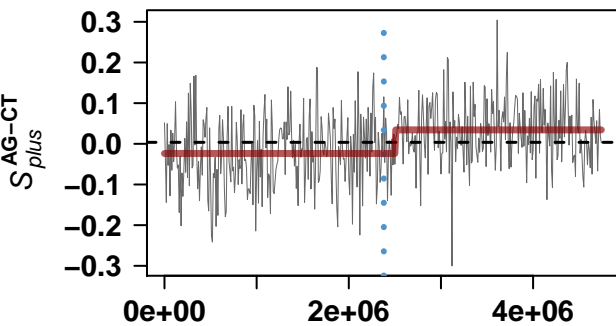


genome coordinates

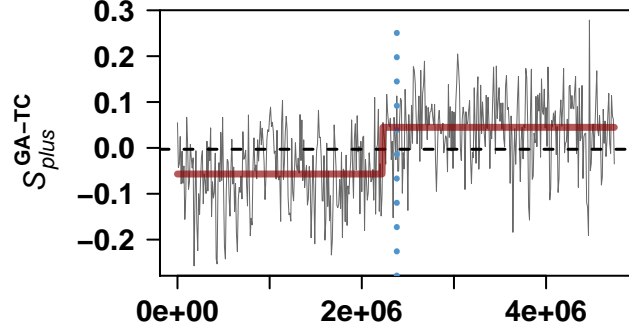


genome coordinates

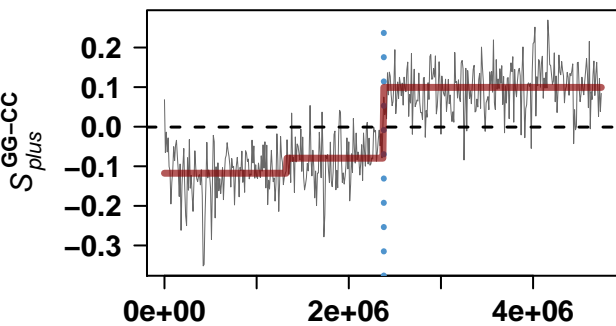
# Chromobacterium violaceum ATCC 12472



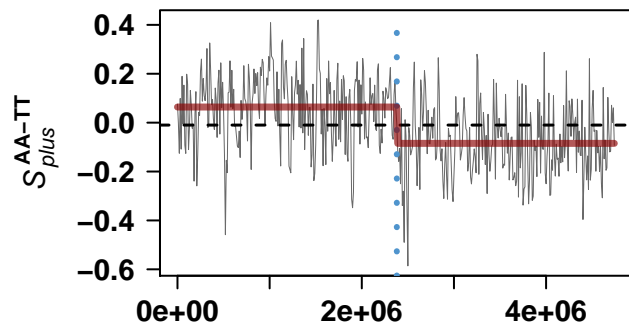
genome coordinates



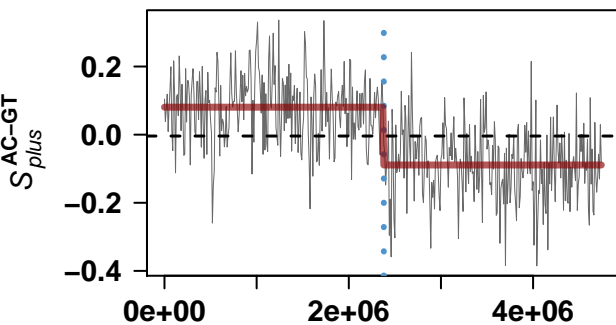
genome coordinates



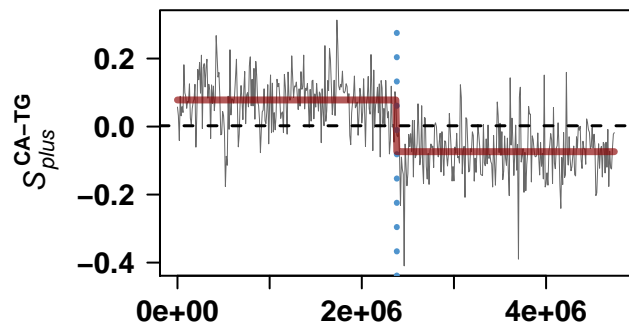
genome coordinates



genome coordinates

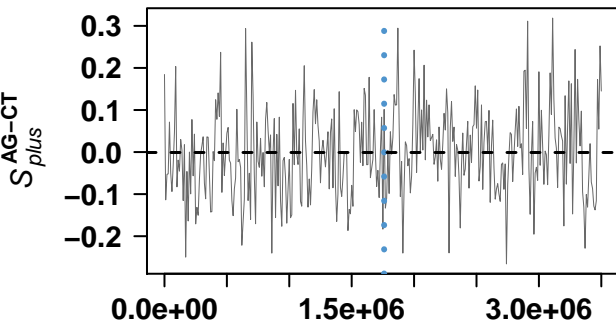


genome coordinates

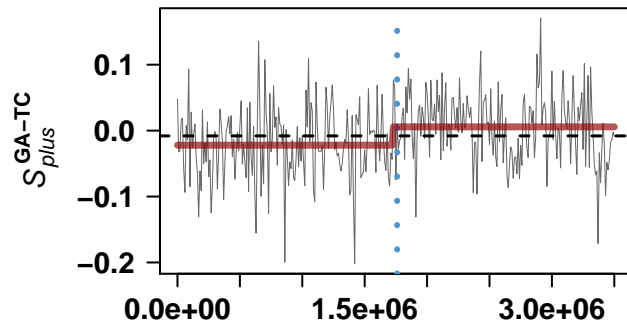


genome coordinates

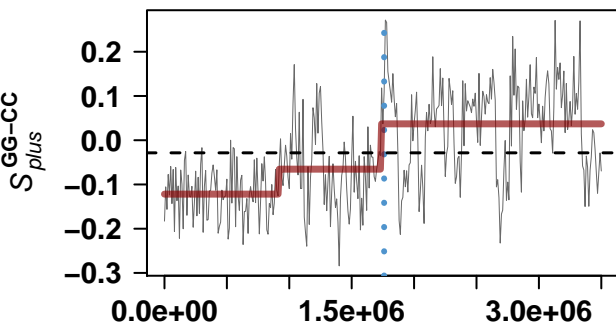
# Burkholderia mallei ATCC 23344



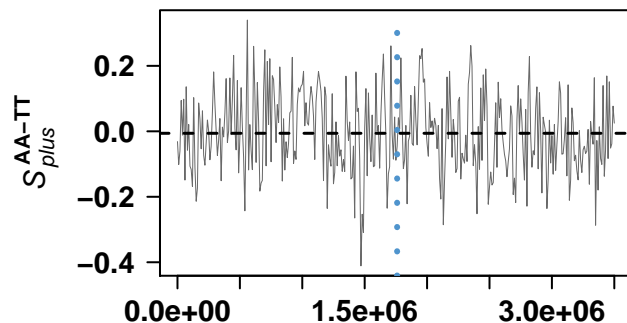
genome coordinates



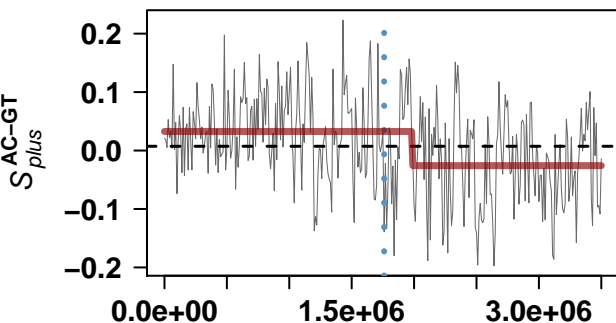
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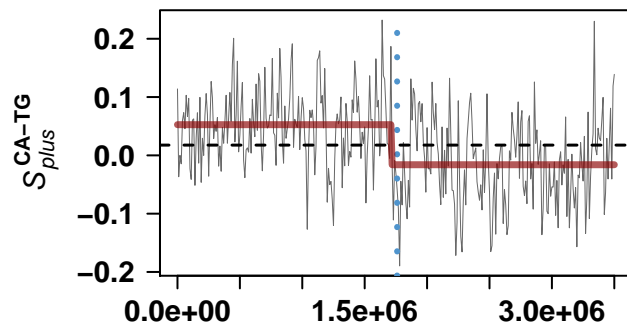
genome coordinates



genome coordinates

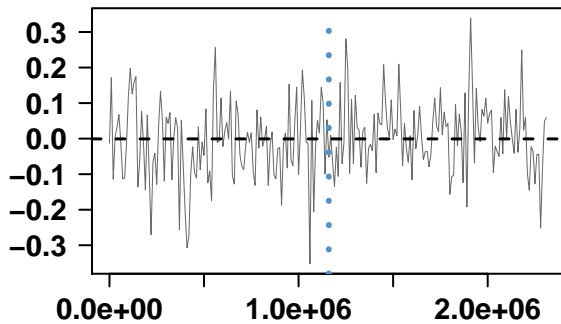


genome coordinates

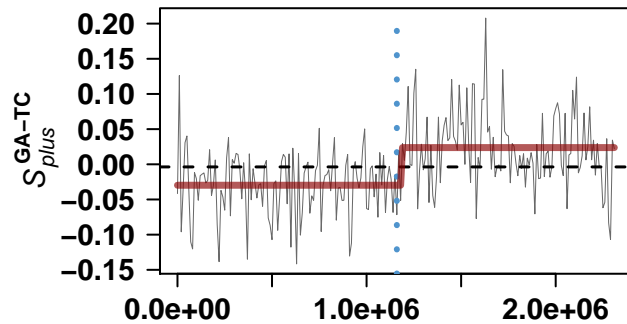


genome coordinates

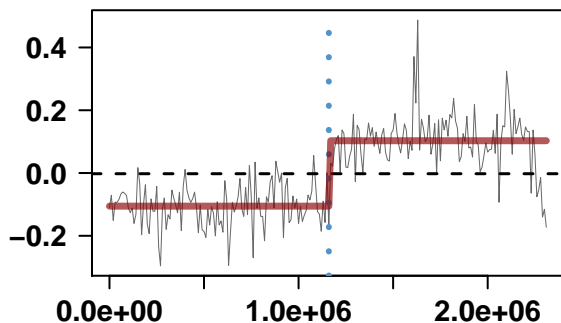
# Burkholderia mallei ATCC 23344



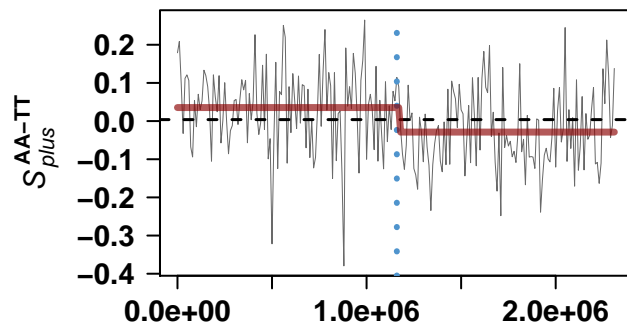
genome coordinates



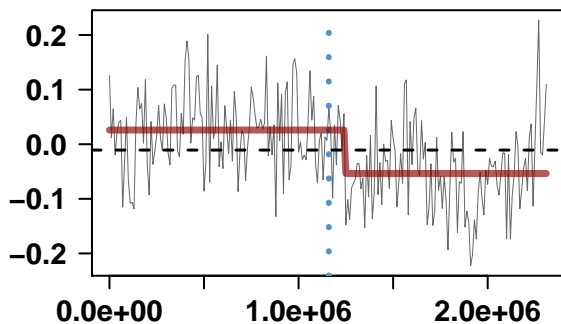
genome coordinates



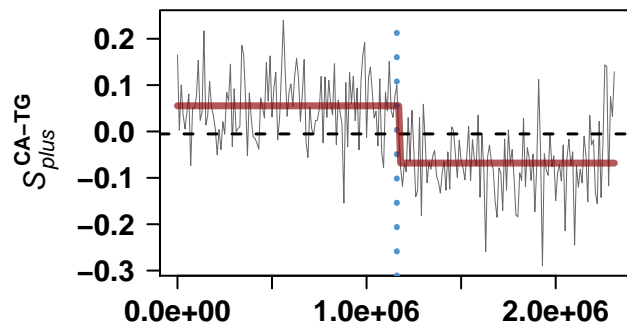
genome coordinates



genome coordinates

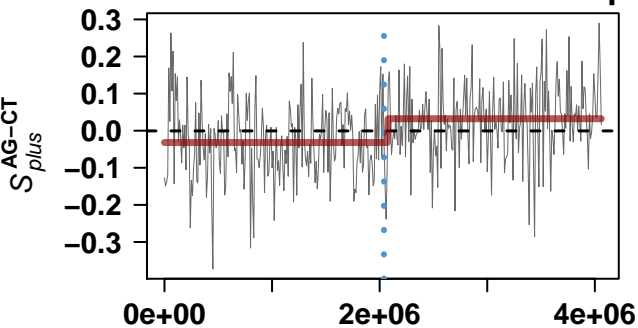


genome coordinates

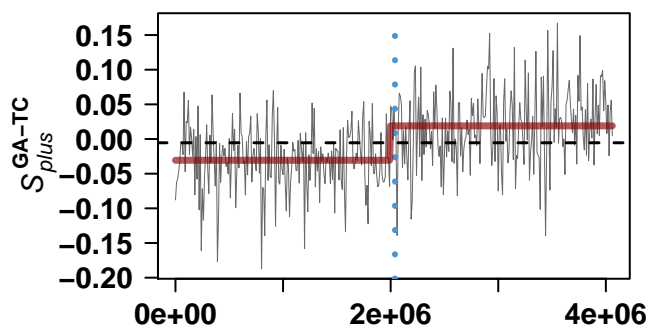


genome coordinates

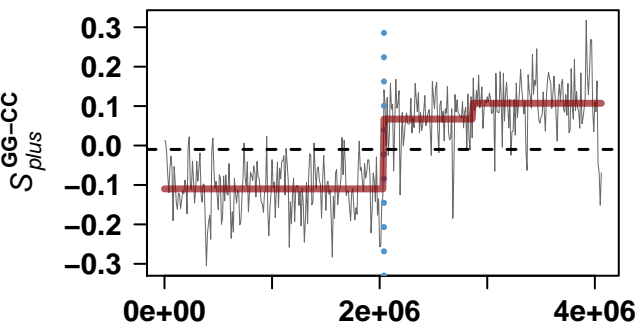
# Burkholderia pseudomallei K96243



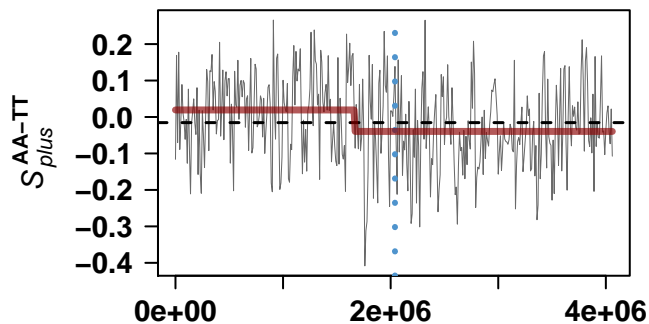
genome coordinates



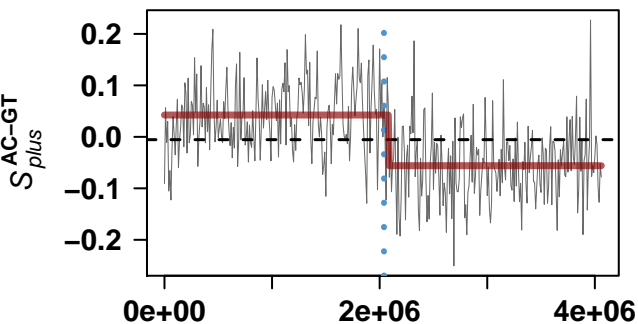
genome coordinates



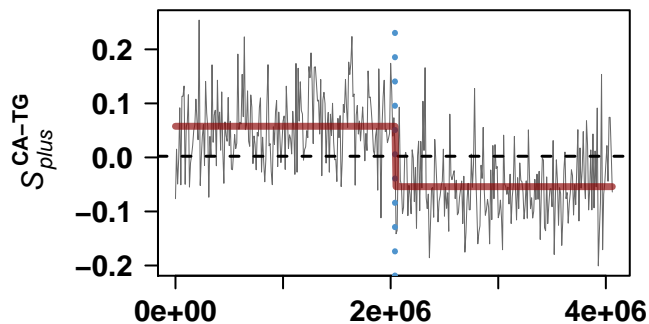
genome coordinates



genome coordinates

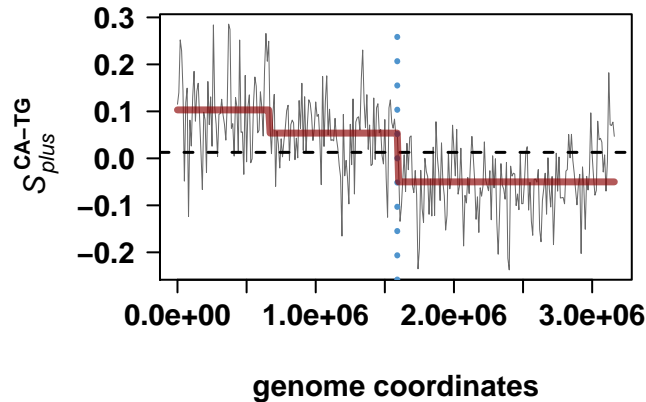
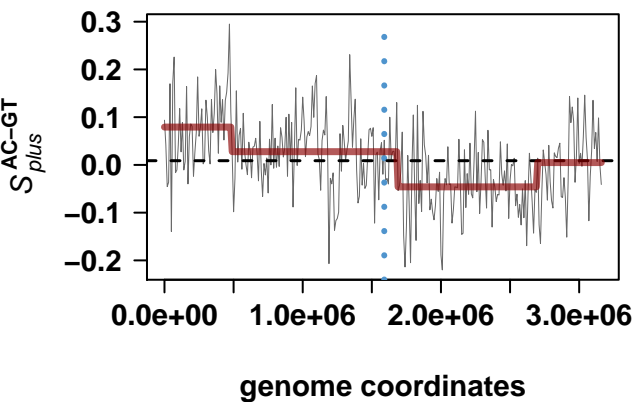
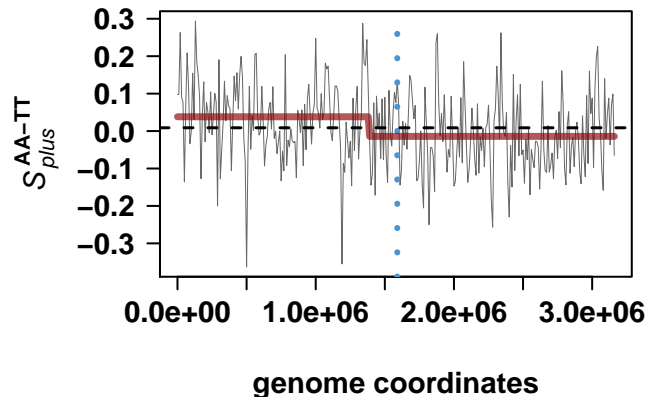
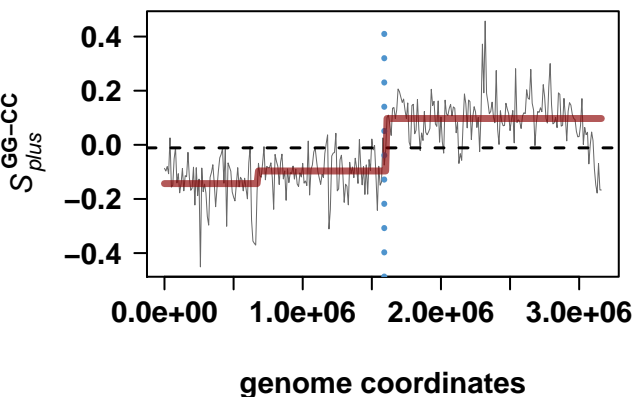
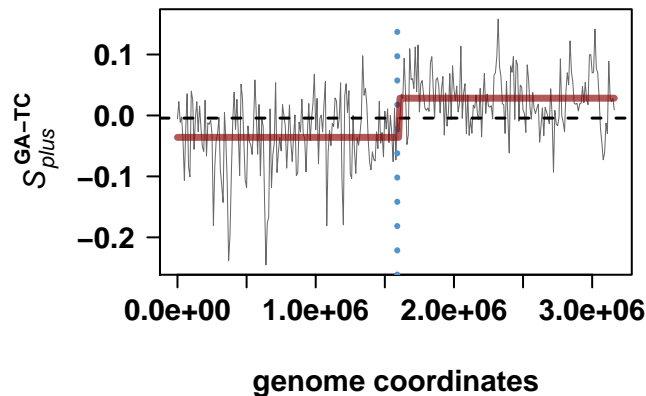
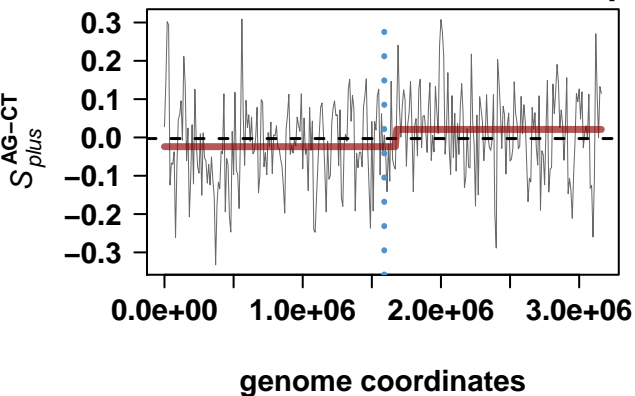


genome coordinates

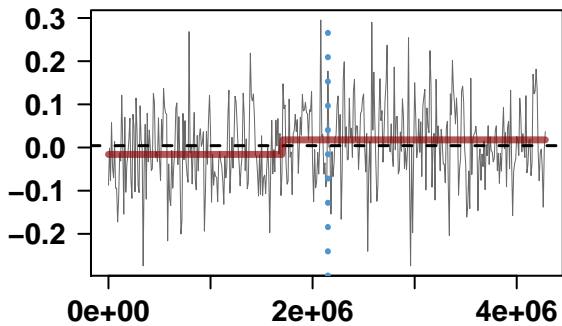


genome coordinates

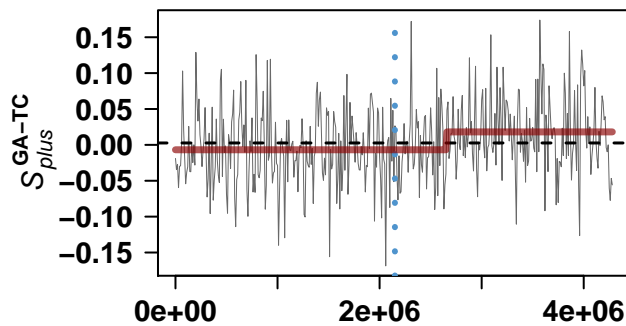
# Burkholderia pseudomallei K96243



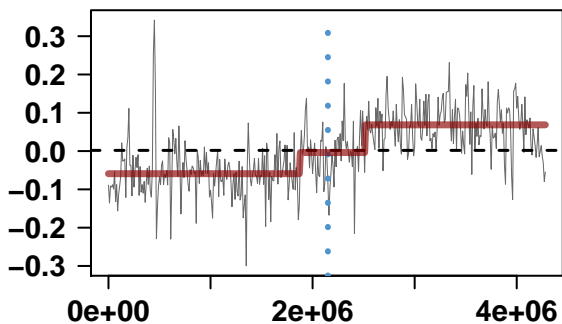
# Aromatoleum aromaticum EbN1



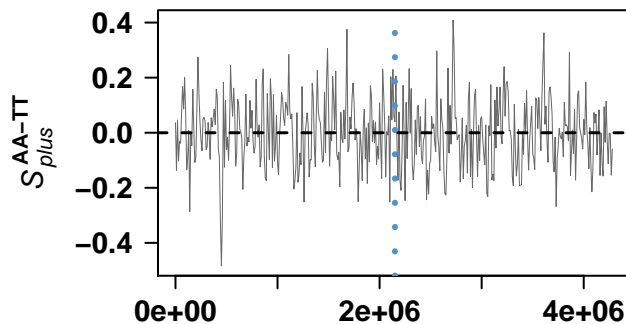
genome coordinates



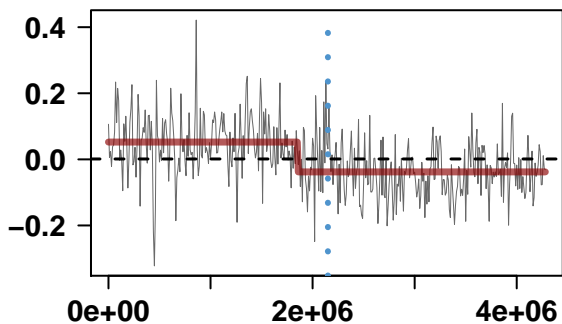
genome coordinates



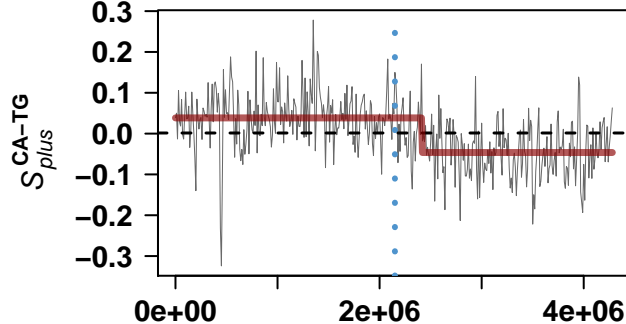
genome coordinates



genome coordinates

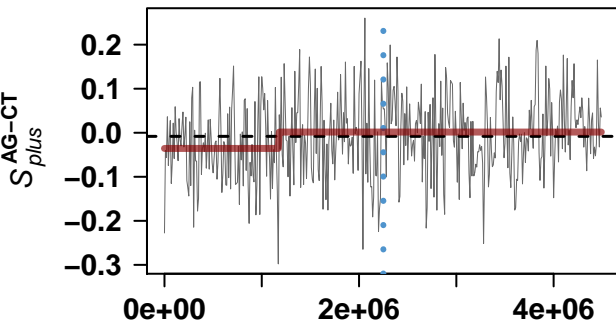


genome coordinates

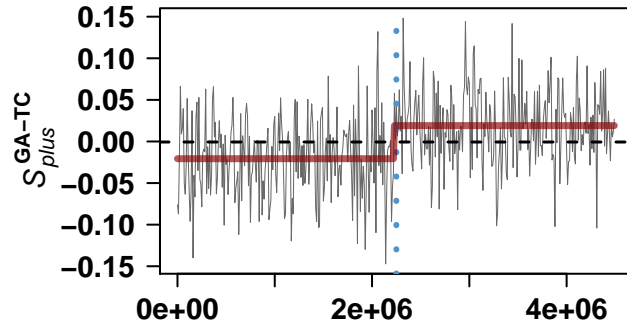


genome coordinates

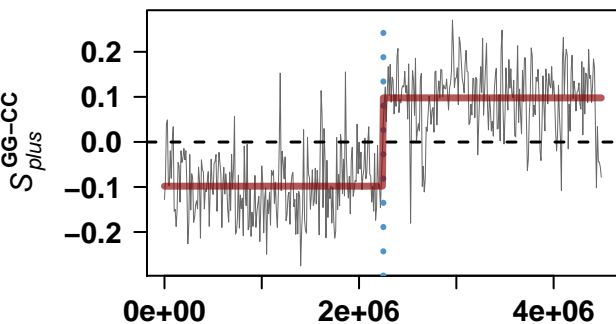
# Dechloromonas aromatica RCB



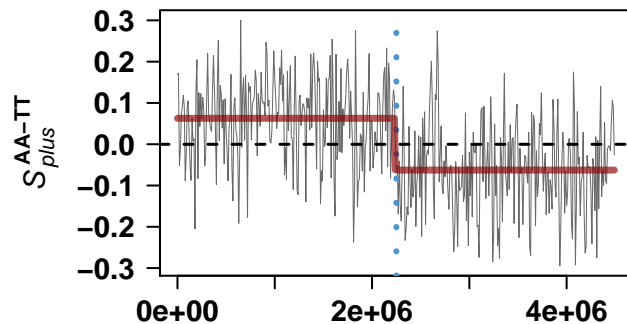
genome coordinates



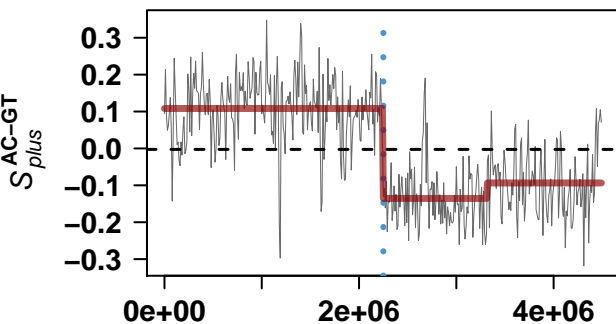
genome coordinates



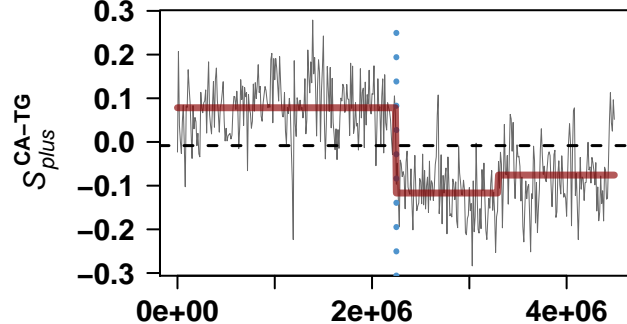
genome coordinates



genome coordinates

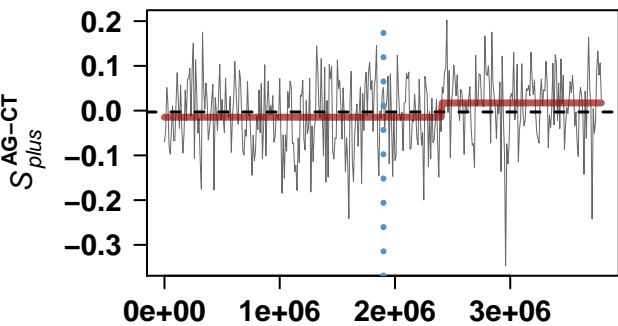


genome coordinates

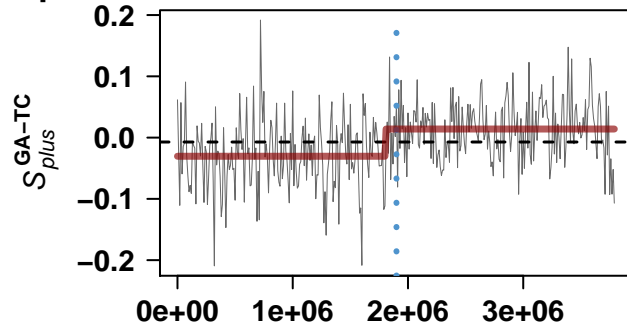


genome coordinates

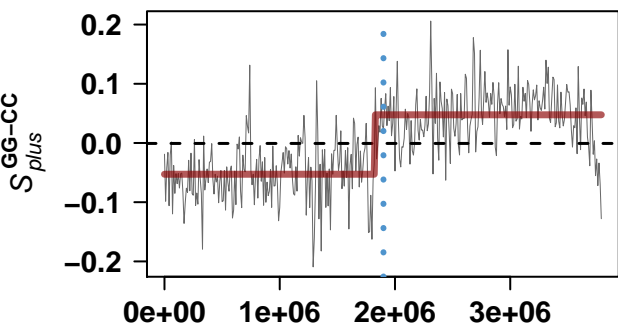
# Ralstonia eutropha JMP134



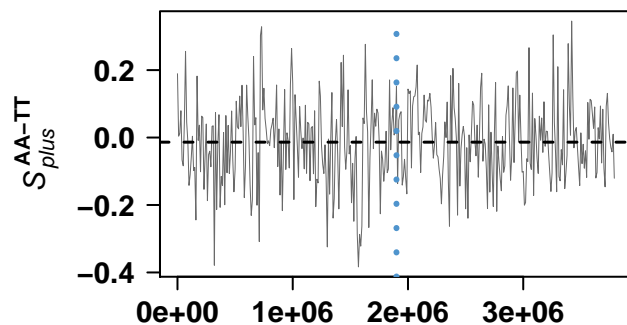
genome coordinates



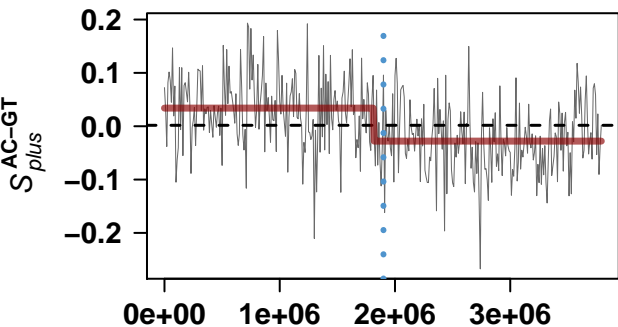
genome coordinates



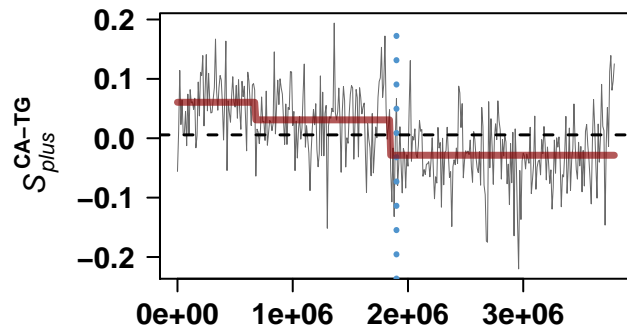
genome coordinates



genome coordinates

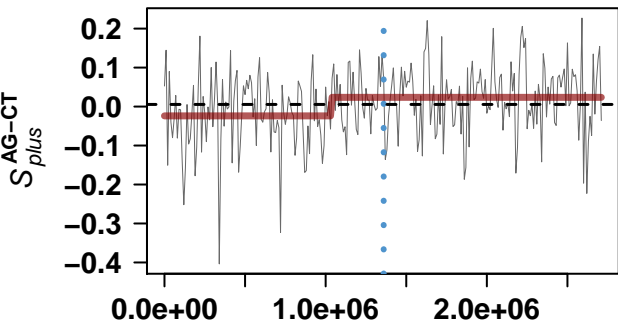


genome coordinates

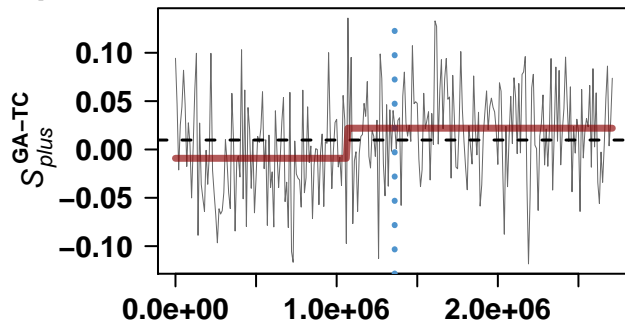


genome coordinates

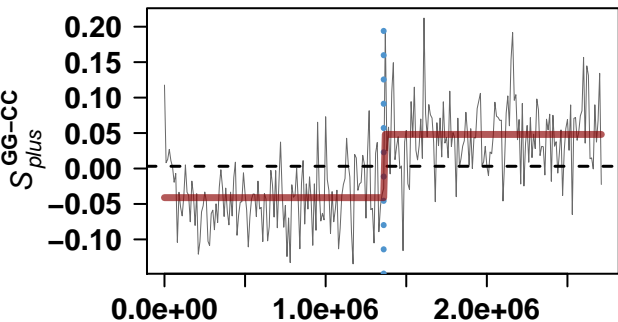
# Ralstonia eutropha JMP134



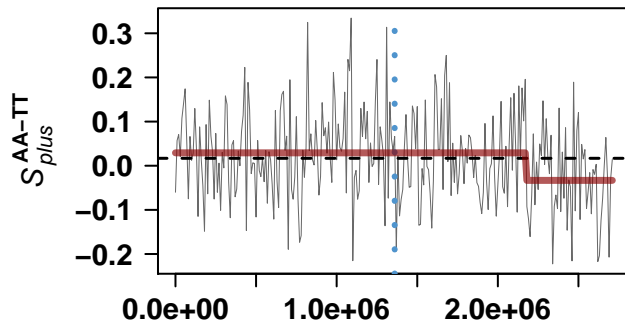
genome coordinates



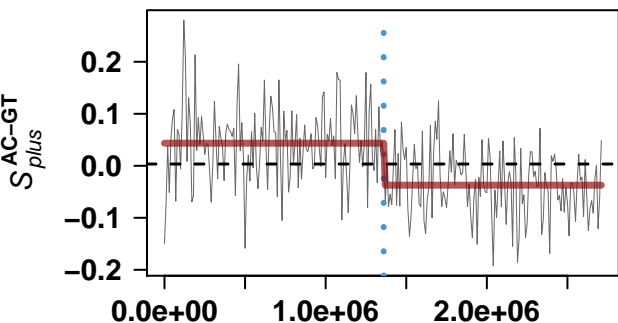
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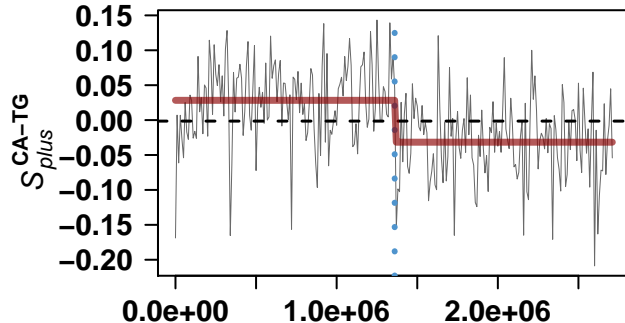
genome coordinates



genome coordinates

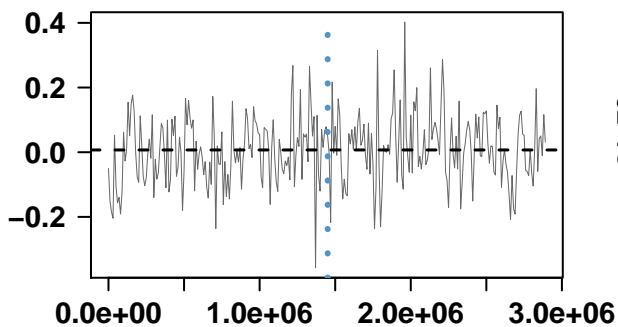


genome coordinates

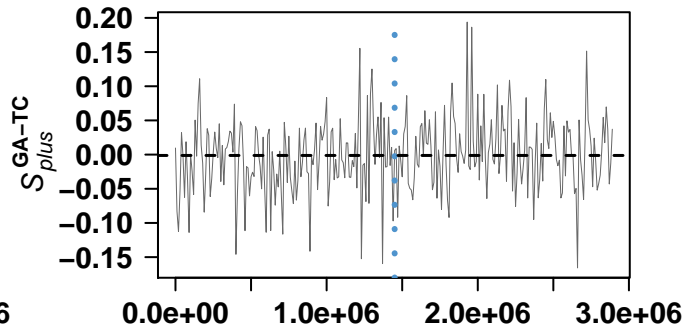


genome coordinates

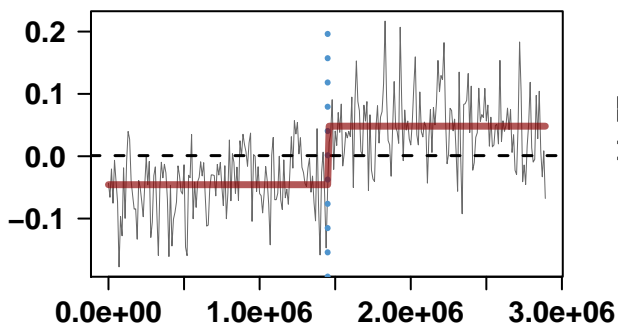
# Thiobacillus denitrificans ATCC 25259



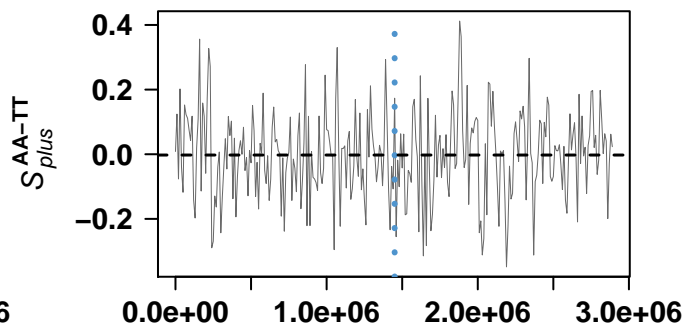
genome coordinates



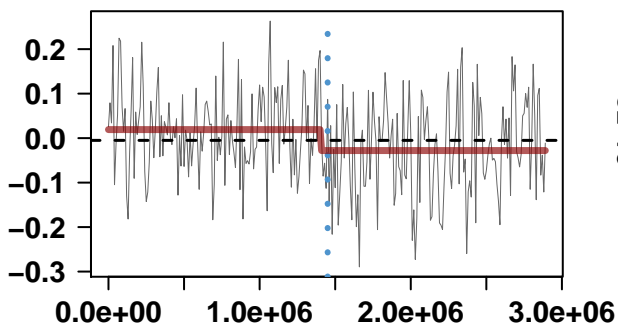
genome coordinates



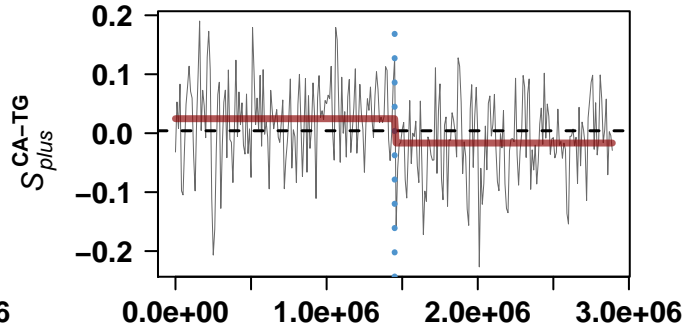
genome coordinates



genome coordinates

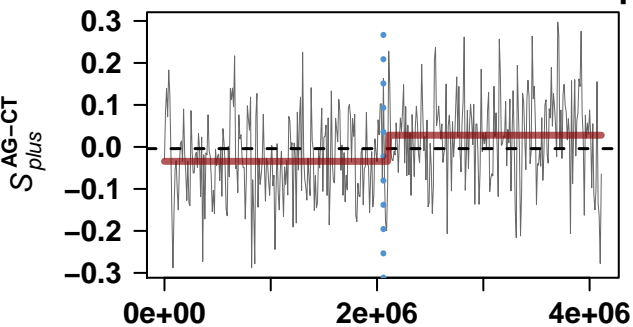


genome coordinates

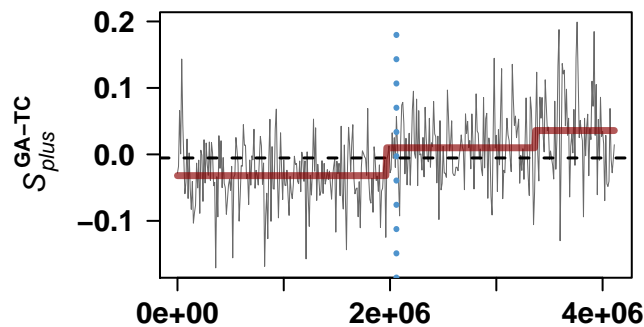


genome coordinates

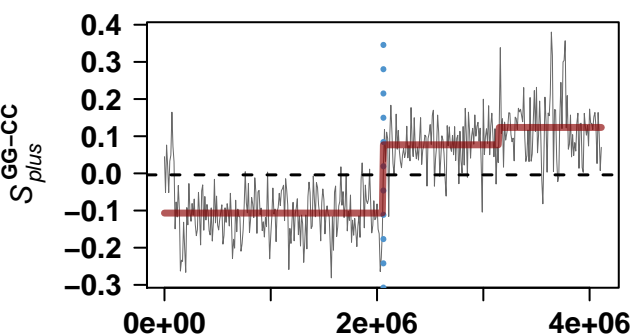
# Burkholderia pseudomallei 1710b



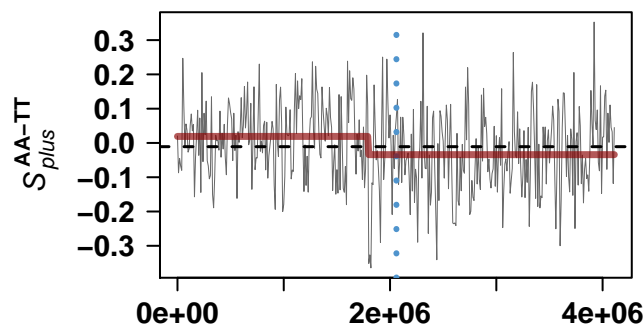
genome coordinates



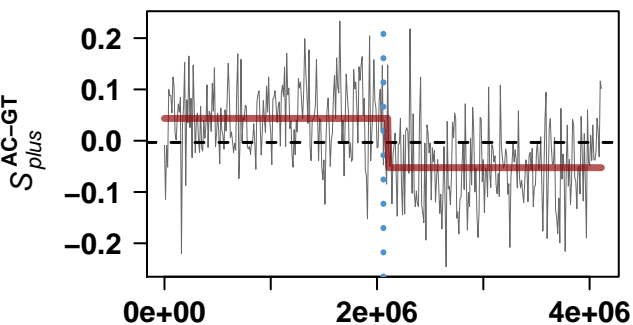
genome coordinates



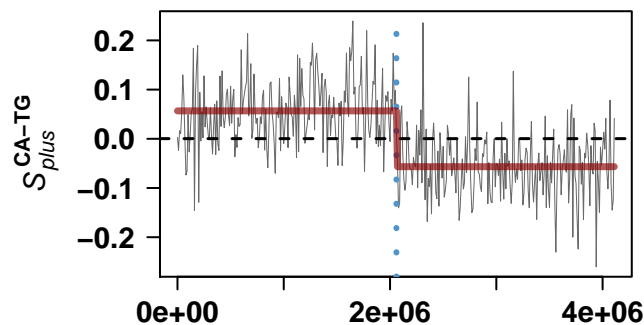
genome coordinates



genome coordinates

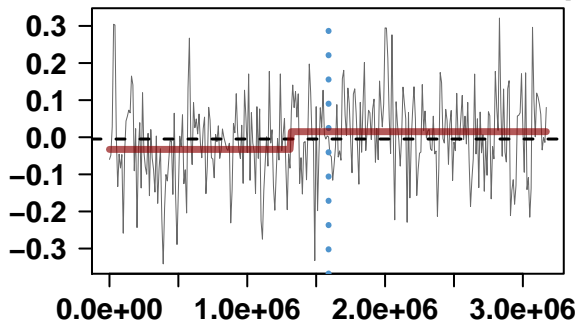


genome coordinates

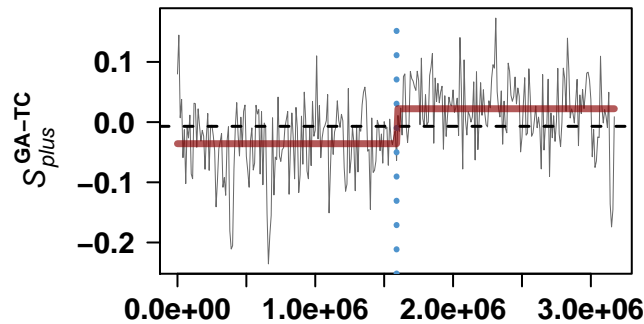


genome coordinates

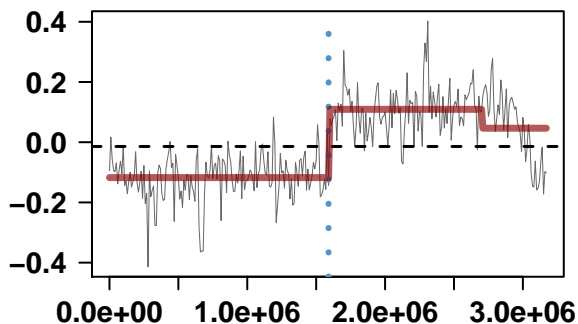
# Burkholderia pseudomallei 1710b



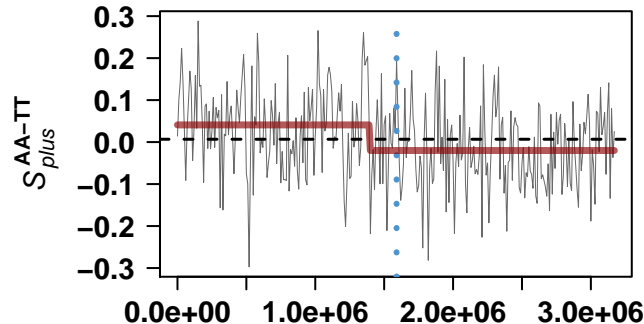
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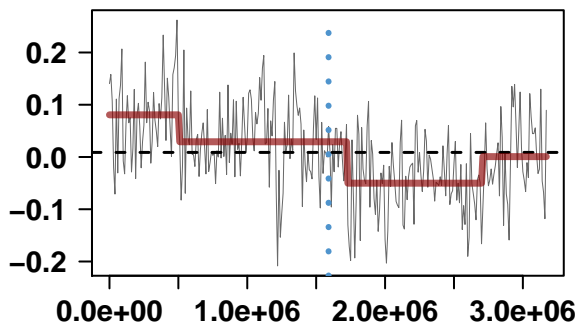
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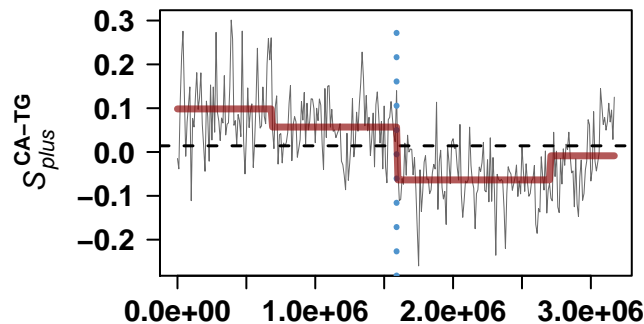
genome coordinates



genome coordinates

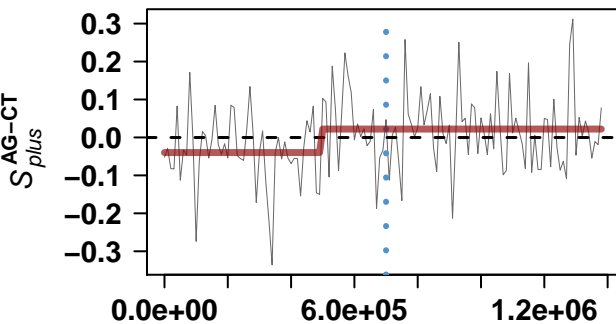


genome coordinates

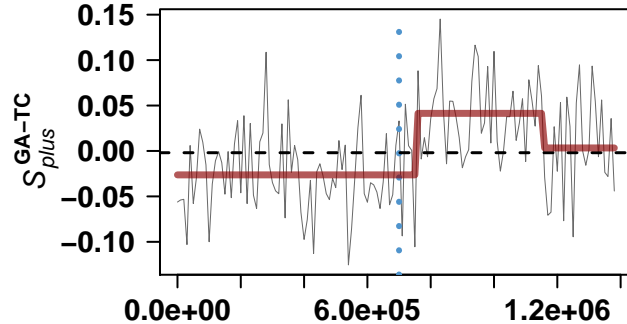


genome coordinates

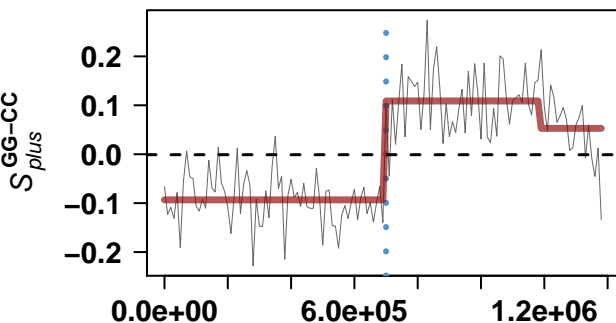
# Burkholderia lata



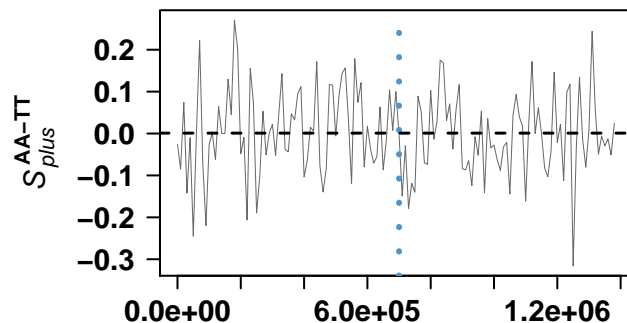
genome coordinates



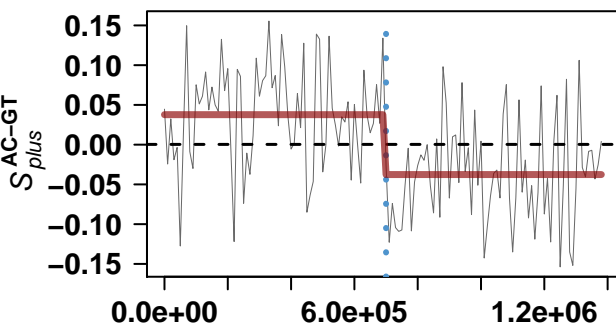
genome coordinates



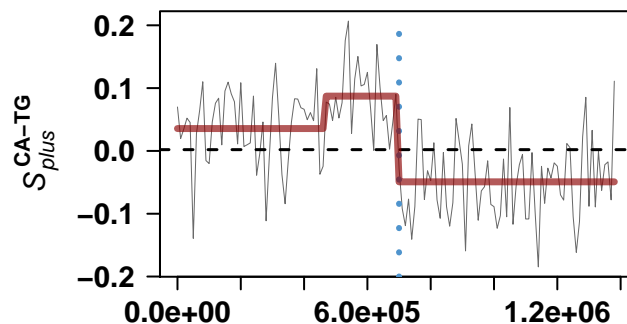
genome coordinates



genome coordinates

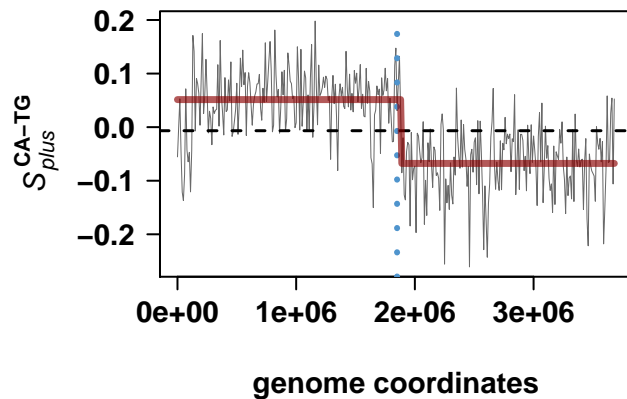
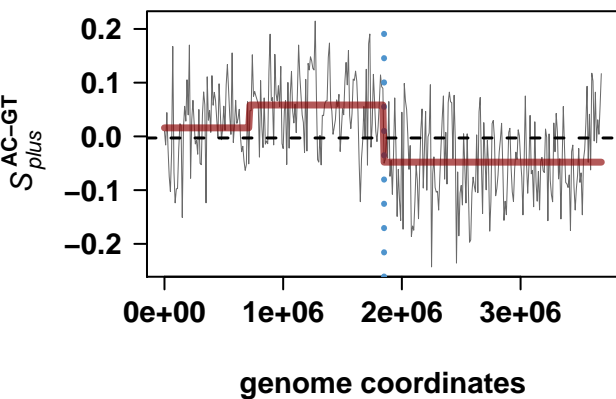
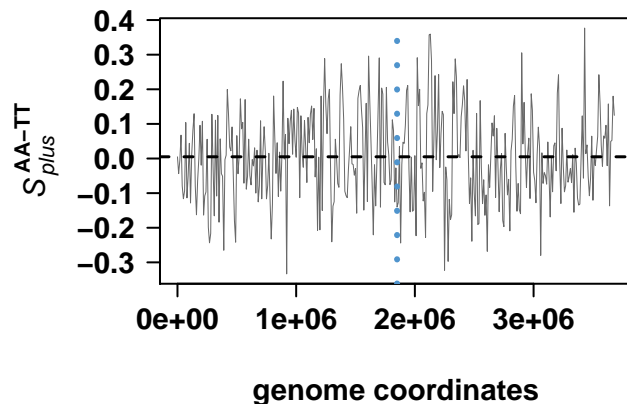
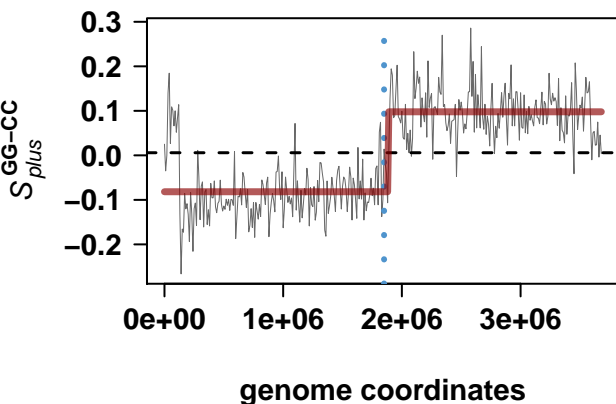
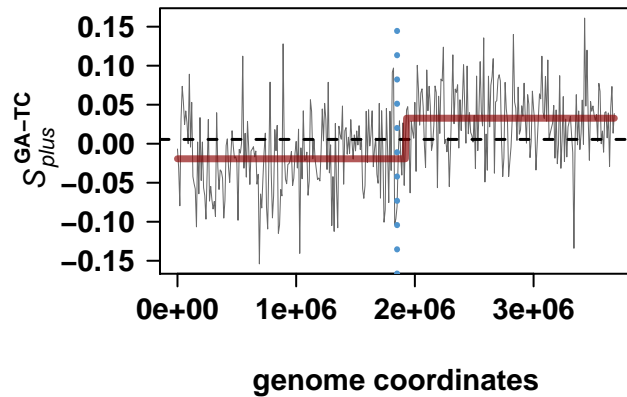
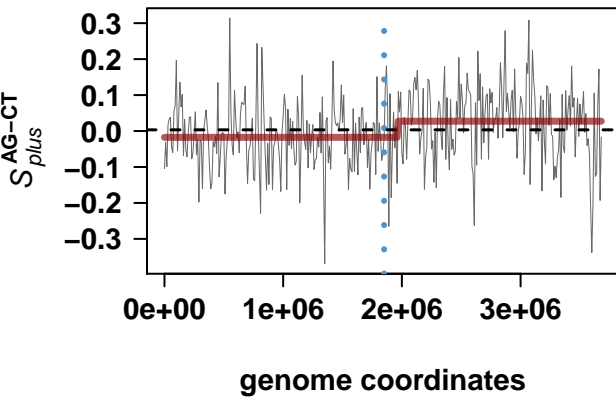


genome coordinates

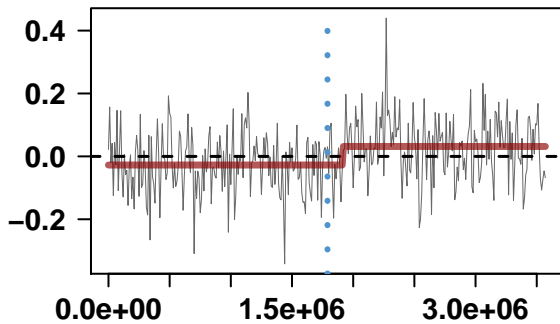


genome coordinates

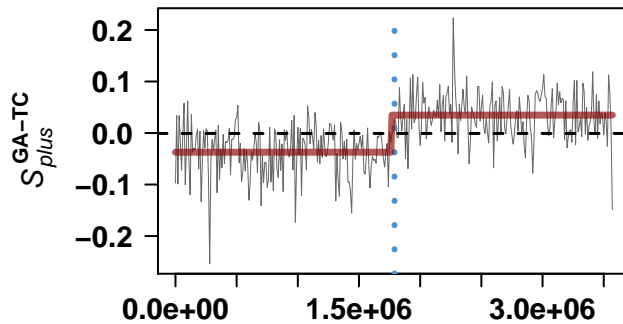
# Burkholderia lata



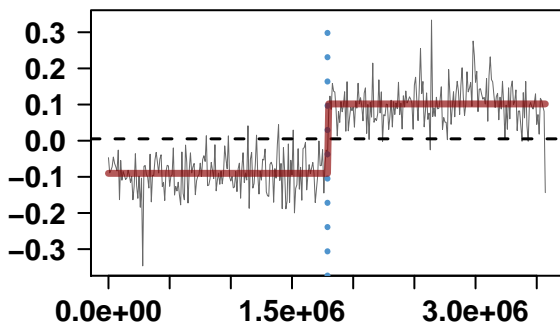
# Burkholderia lata



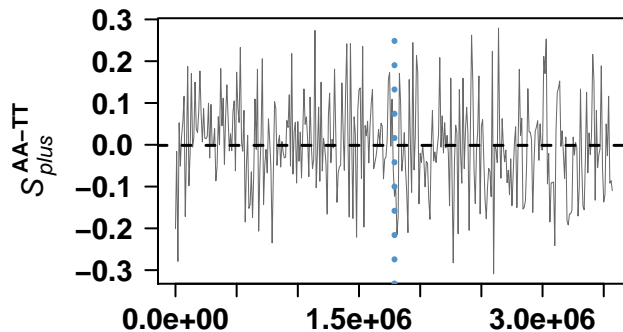
genome coordinates



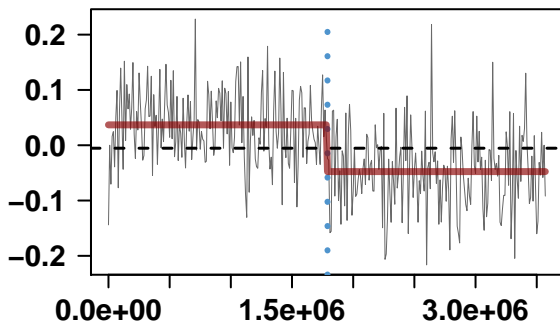
genome coordinates



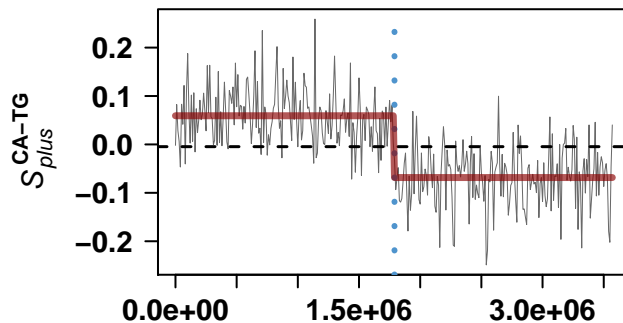
genome coordinates



genome coordinates

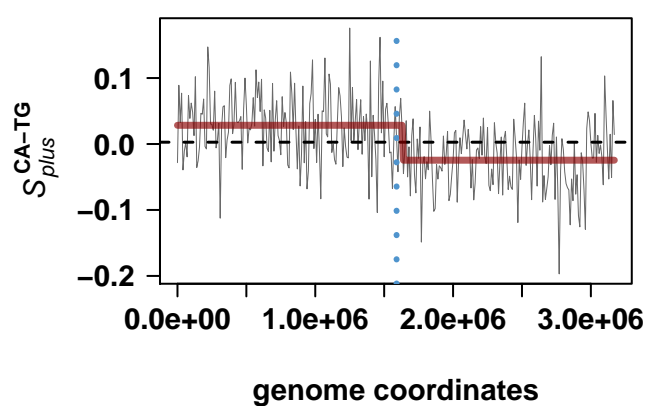
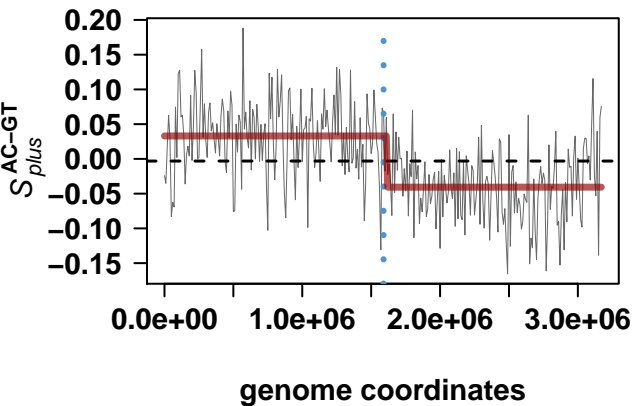
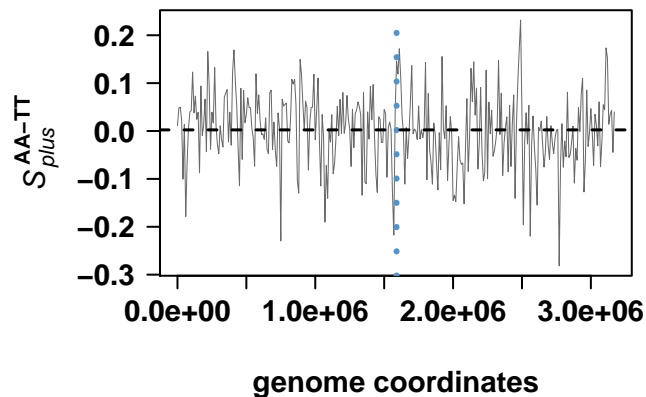
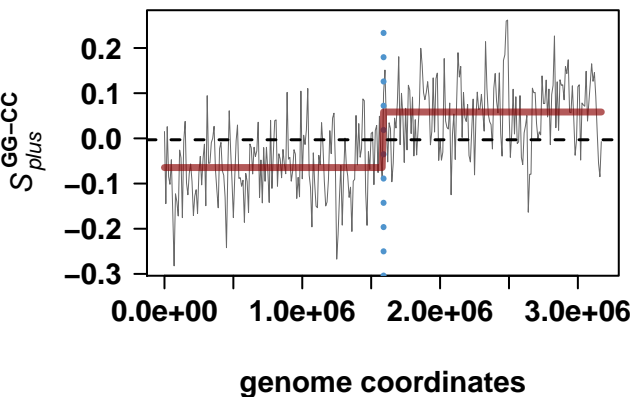
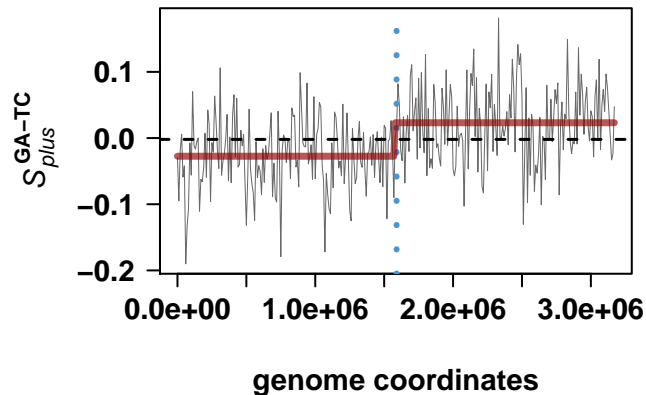
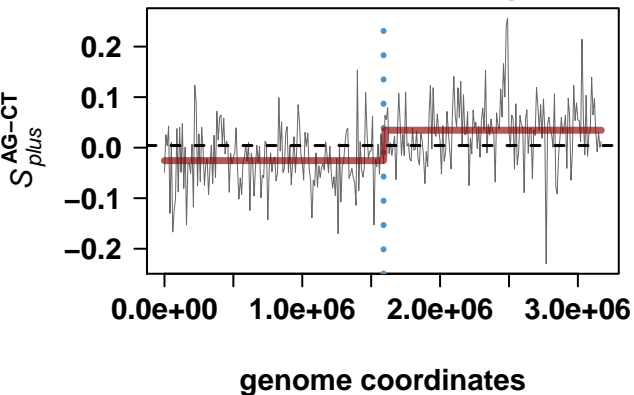


genome coordinates

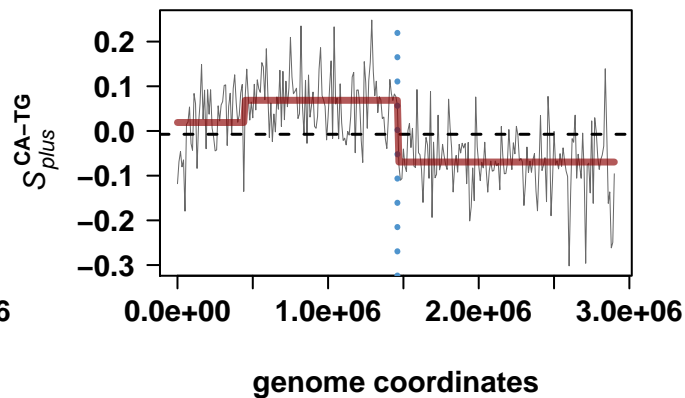
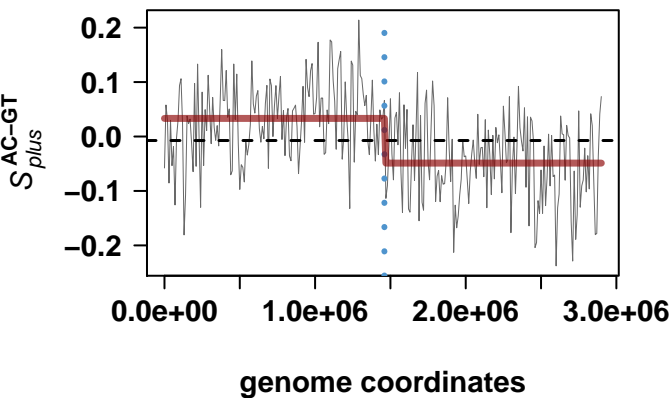
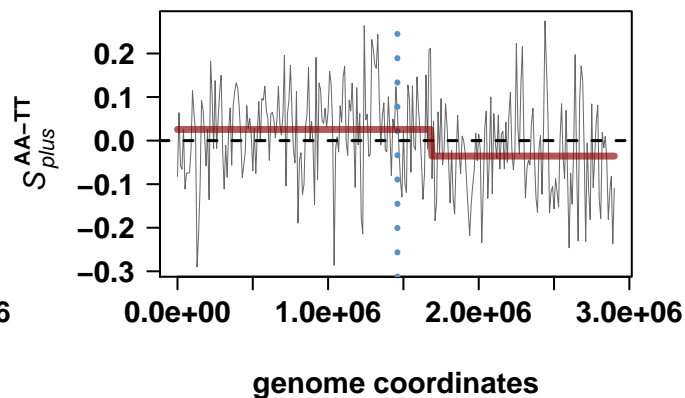
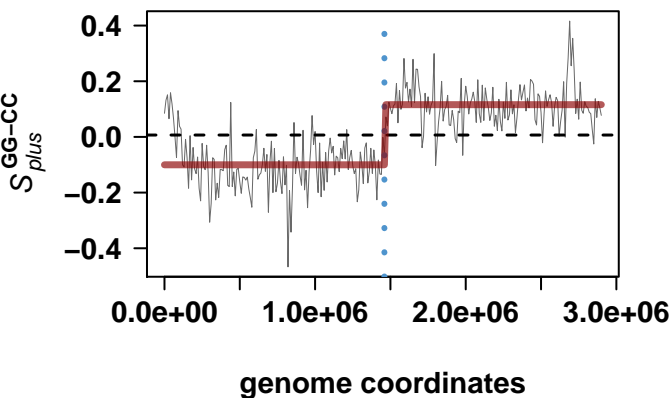
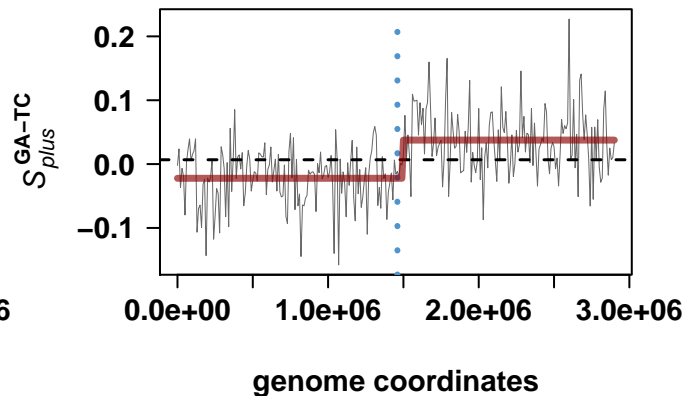
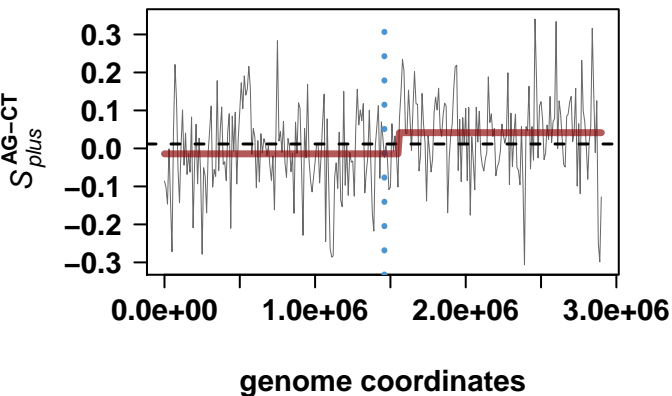


genome coordinates

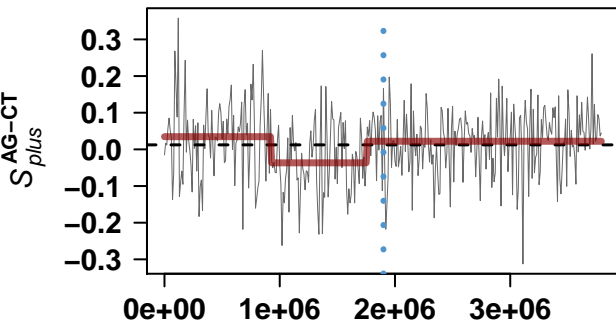
# Nitrosospira multififormis ATCC 25196



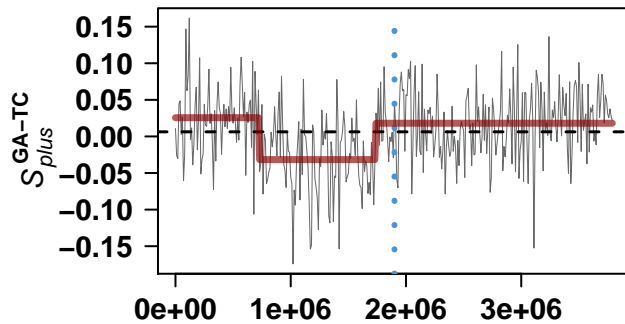
# Burkholderia thailandensis E264



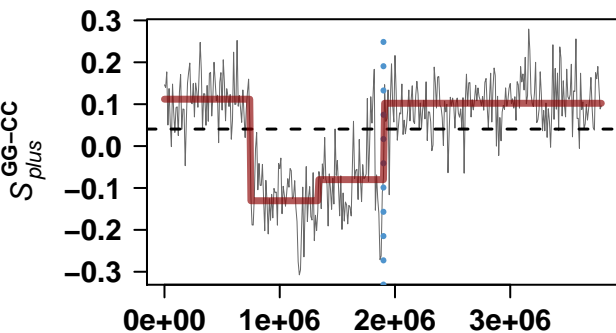
# Burkholderia thailandensis E264



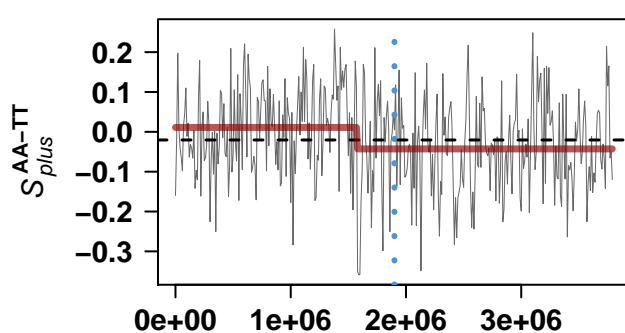
genome coordinates



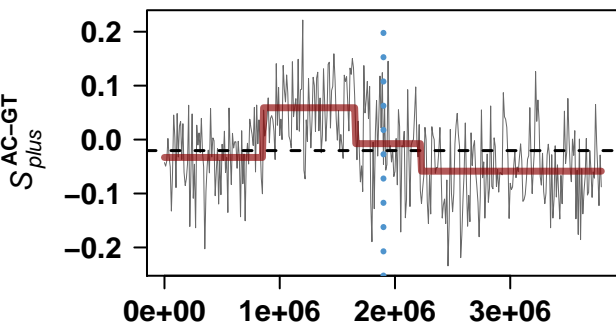
genome coordinates



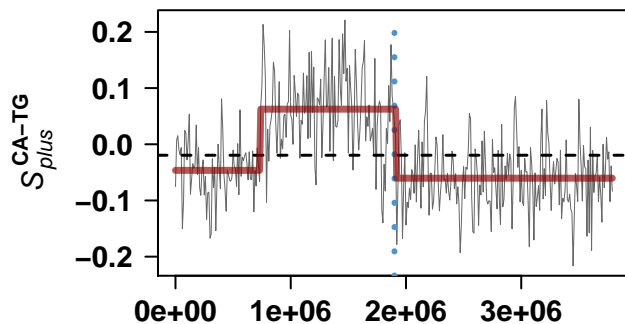
genome coordinates



genome coordinates

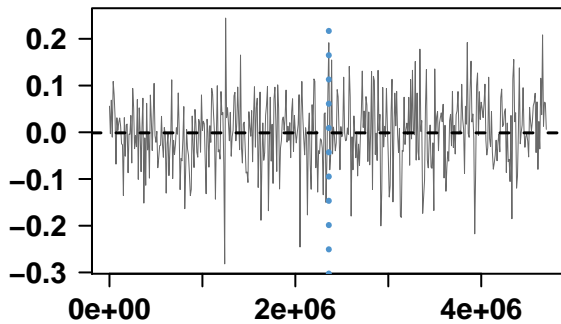


genome coordinates

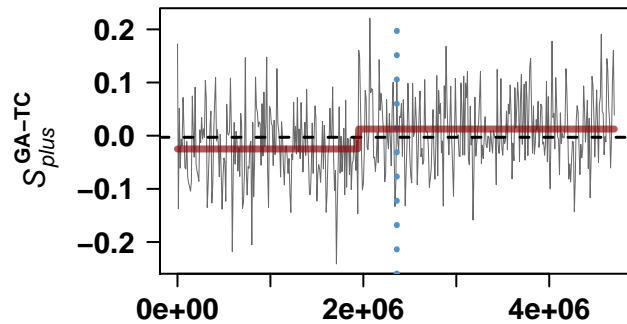


genome coordinates

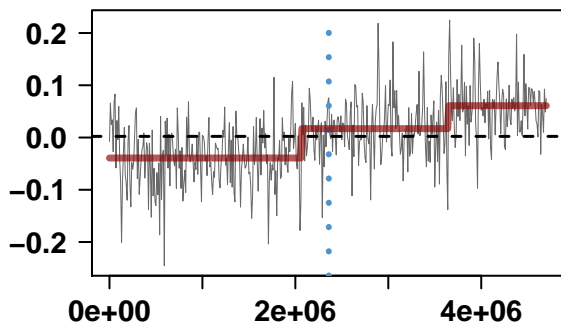
# Albidiferax ferrireducens T118



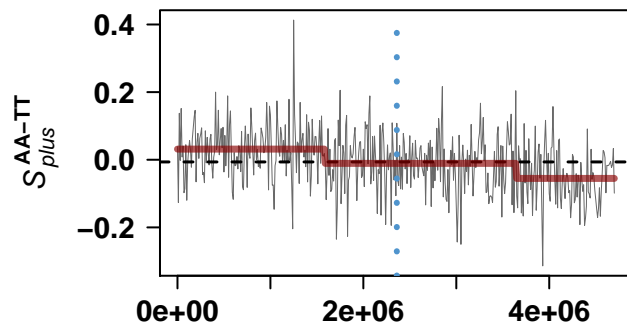
genome coordinates



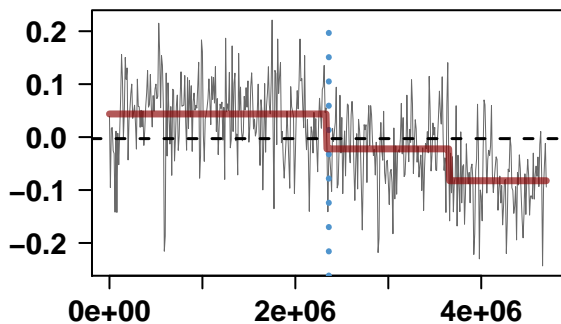
genome coordinates



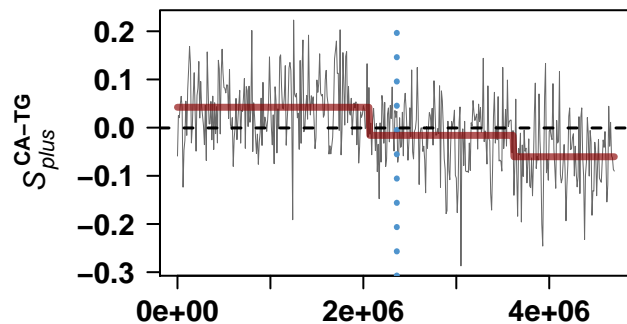
genome coordinates



genome coordinates

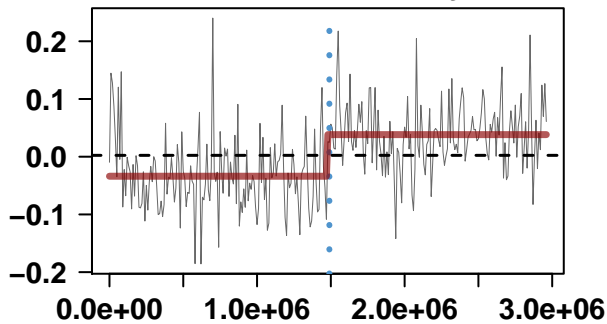


genome coordinates

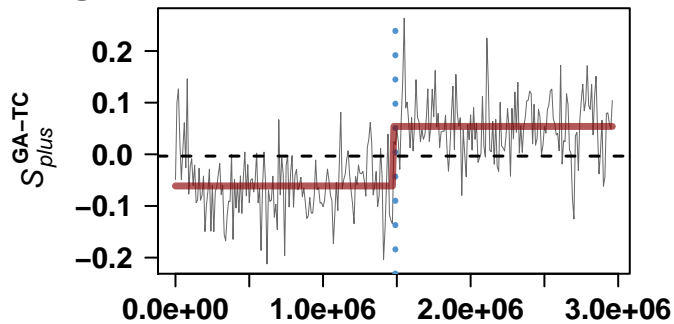


genome coordinates

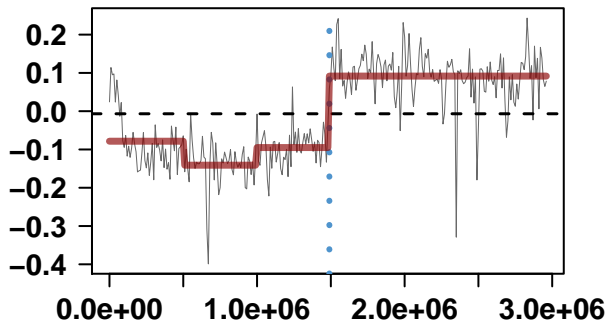
# Methylobacillus flagellatus KT



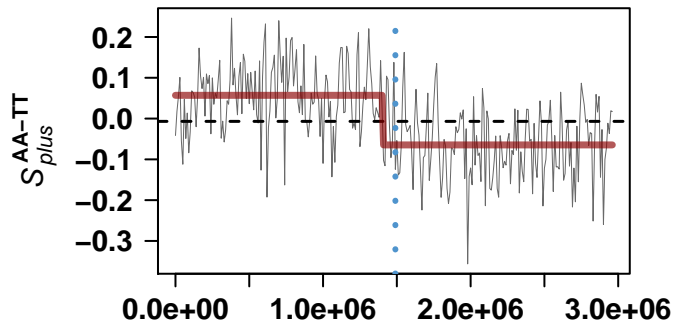
genome coordinates



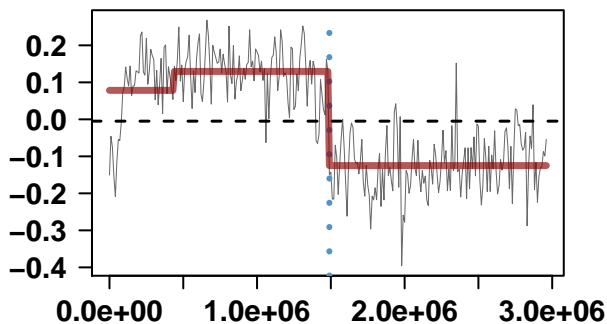
genome coordinates



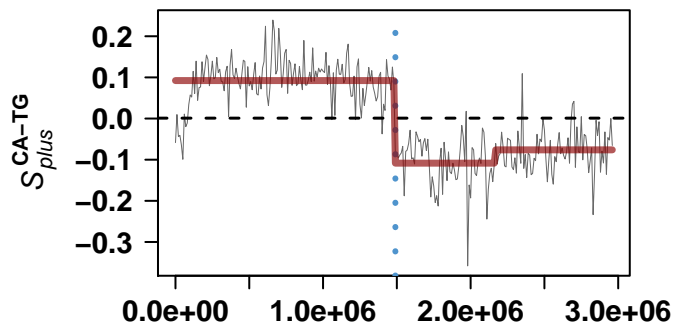
genome coordinates



genome coordinates

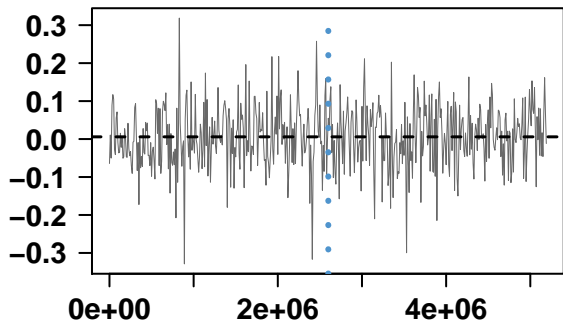


genome coordinates

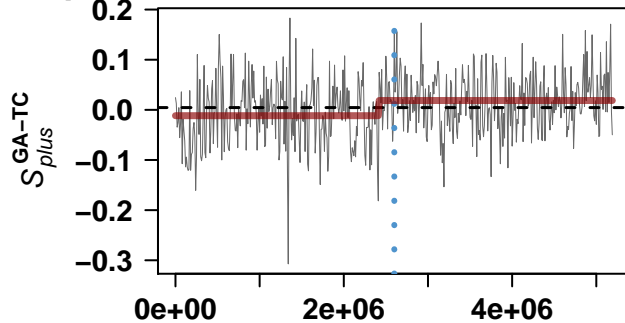


genome coordinates

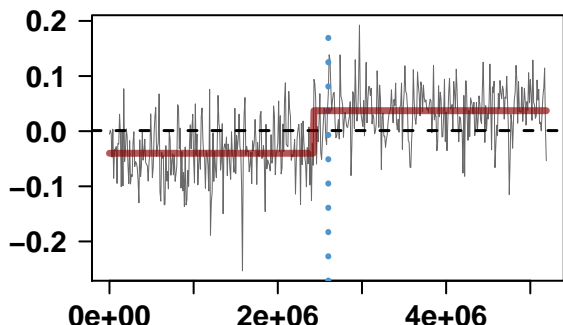
# Polaromonas sp. JS666



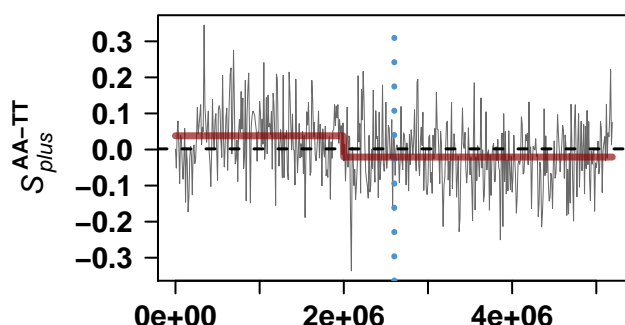
genome coordinates



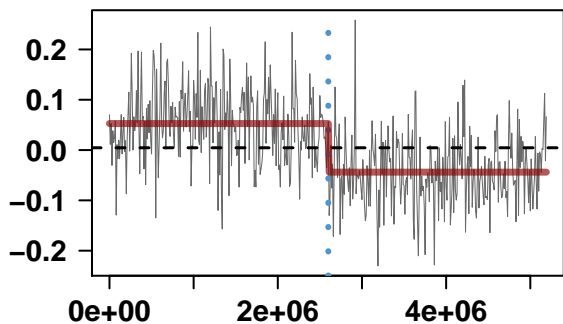
genome coordinates



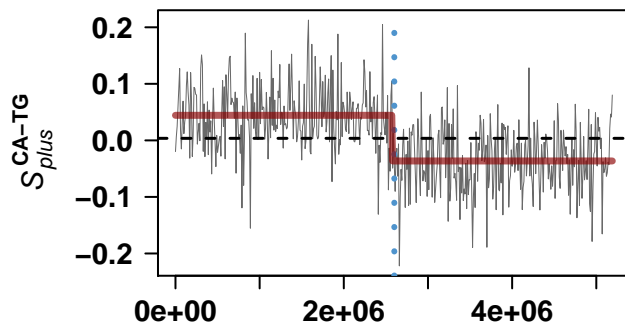
genome coordinates



genome coordinates

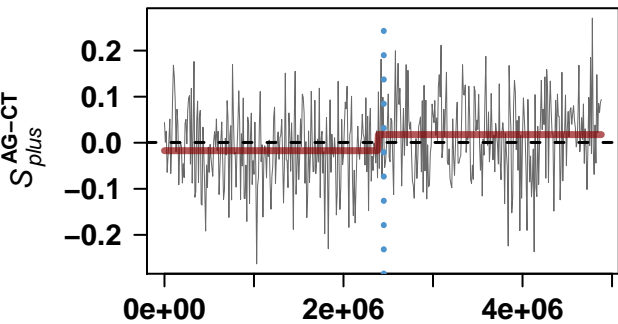


genome coordinates

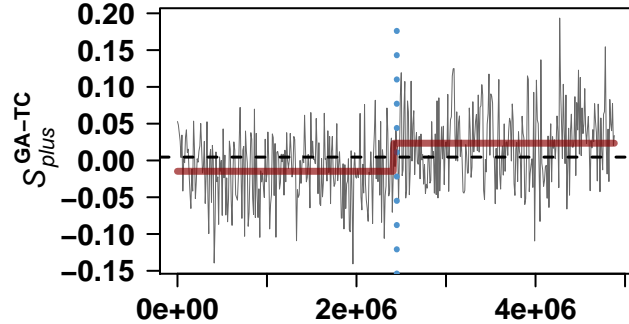


genome coordinates

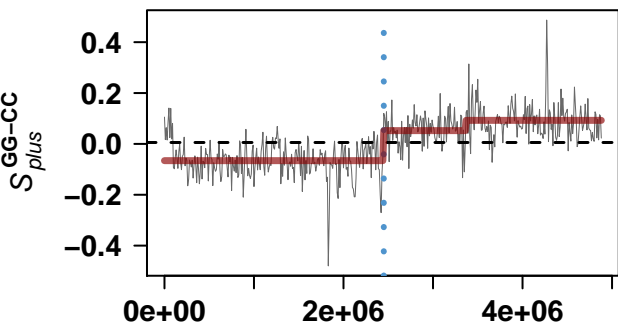
# Burkholderia xenovorans LB400



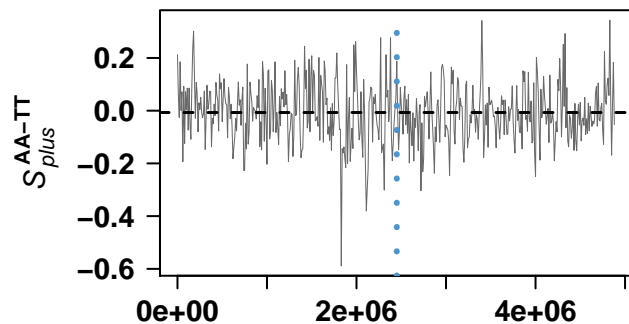
genome coordinates



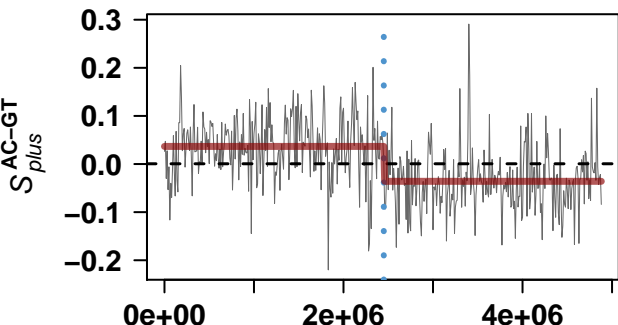
genome coordinates



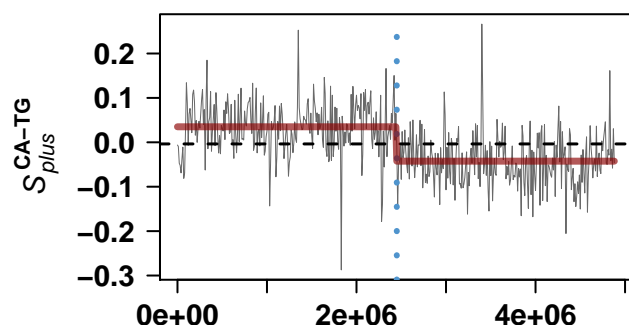
genome coordinates



genome coordinates

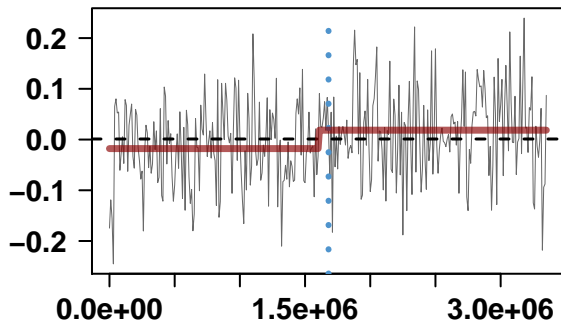


genome coordinates

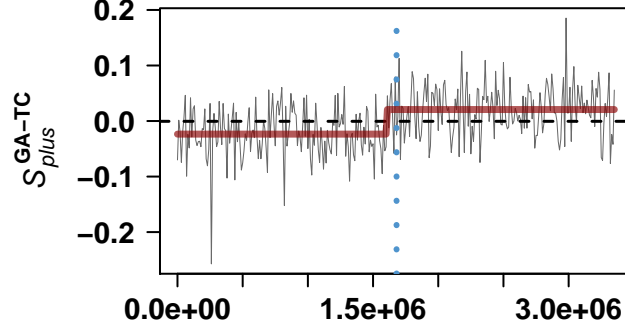


genome coordinates

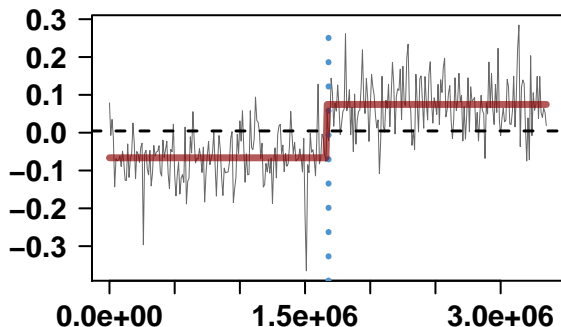
# Burkholderia xenovorans LB400



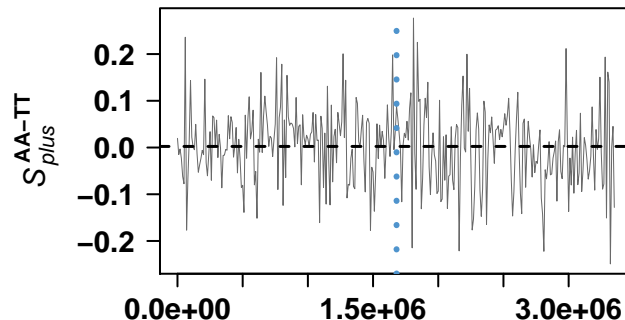
genome coordinates



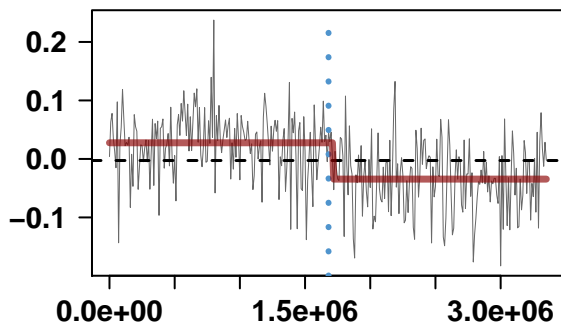
genome coordinates



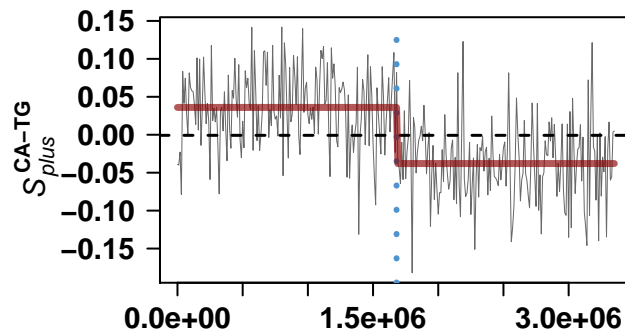
genome coordinates



genome coordinates

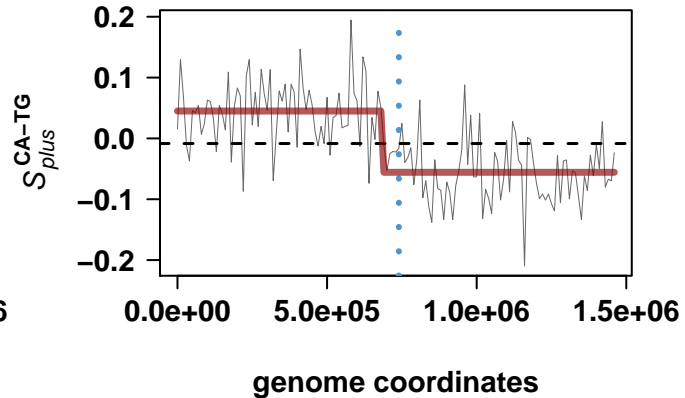
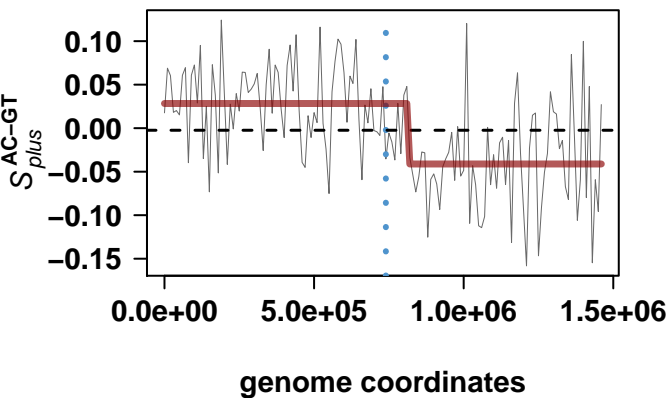
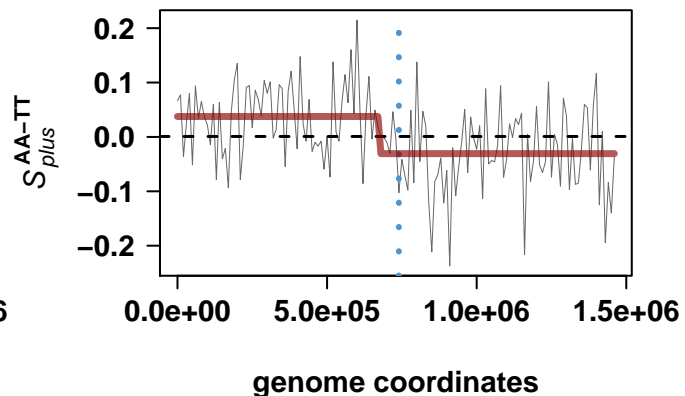
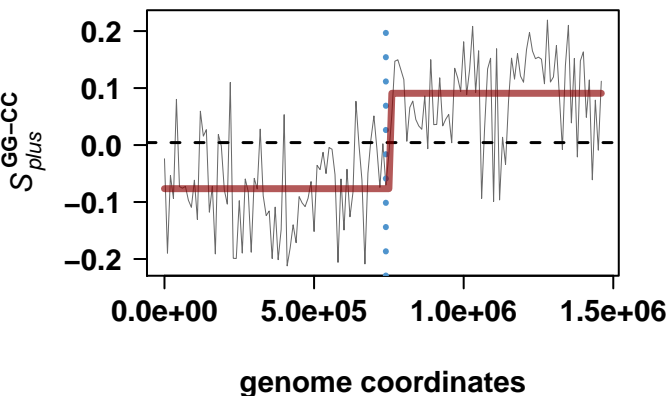
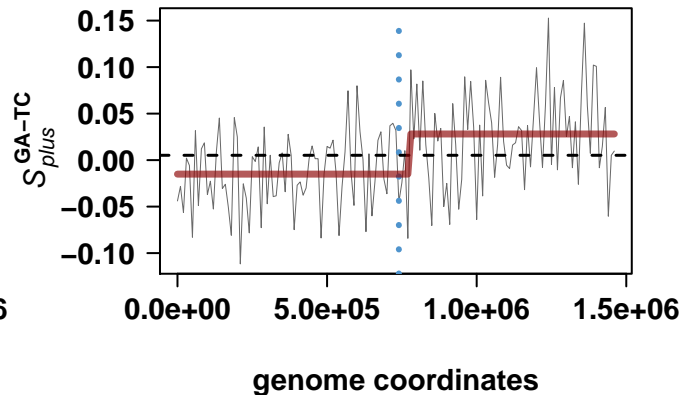
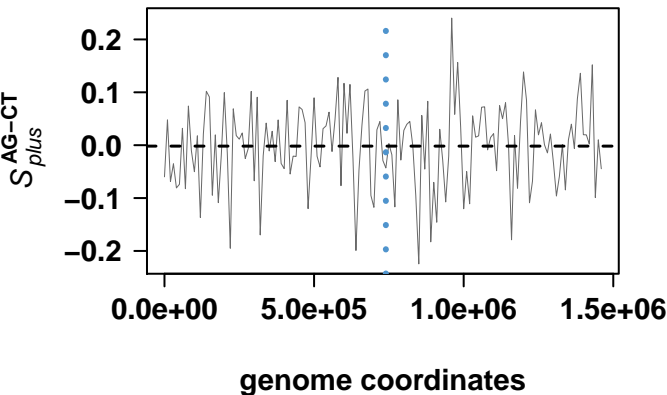


genome coordinates

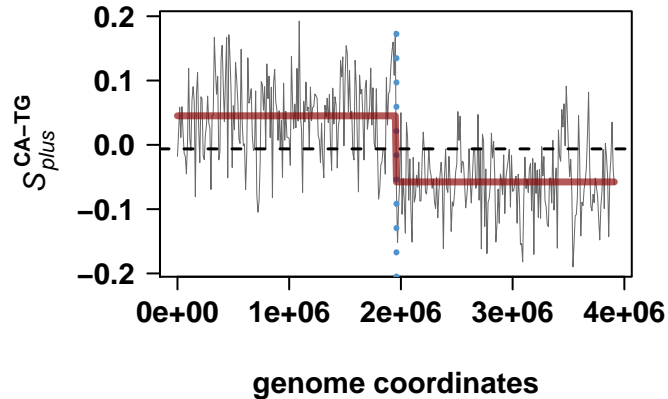
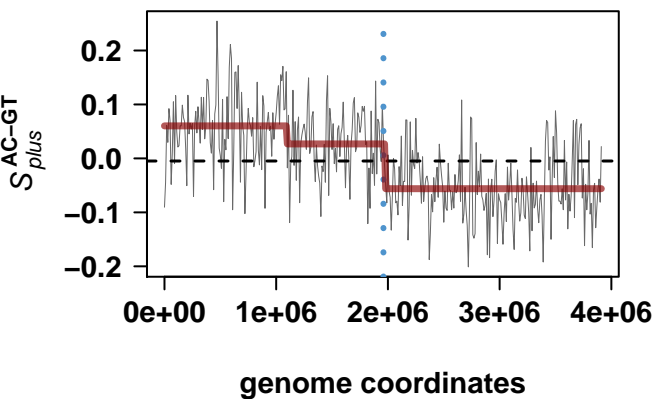
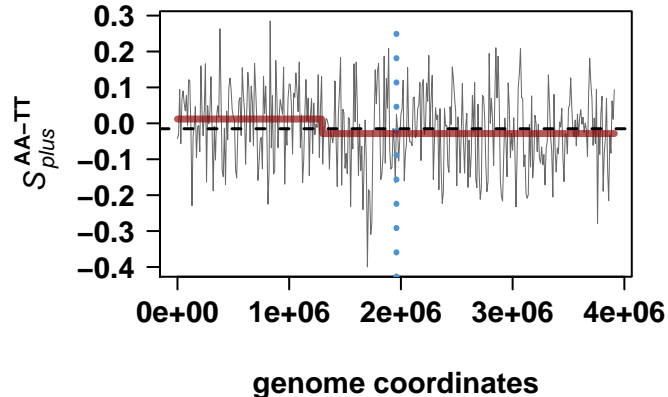
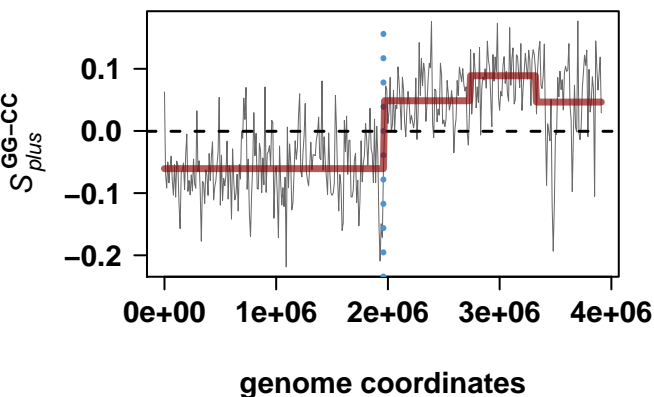
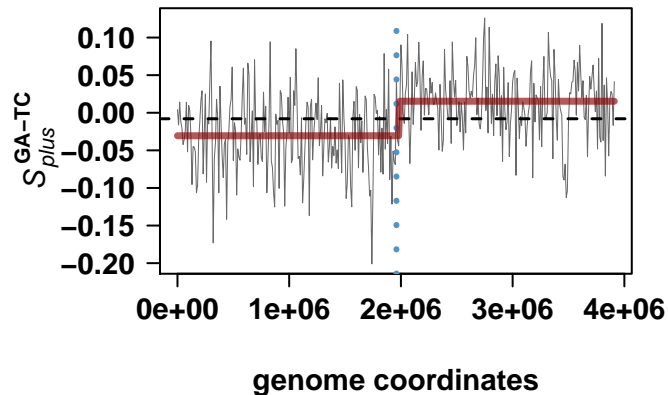
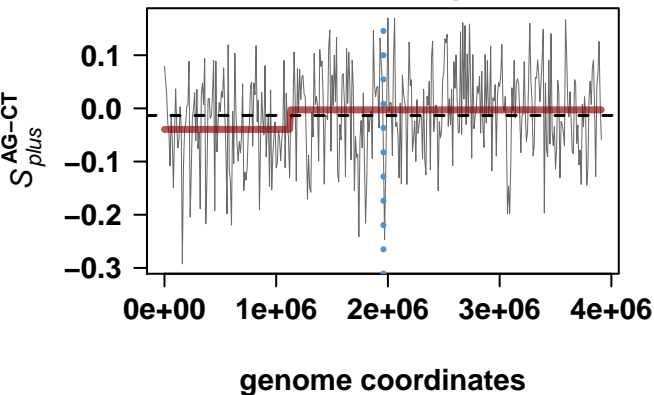


genome coordinates

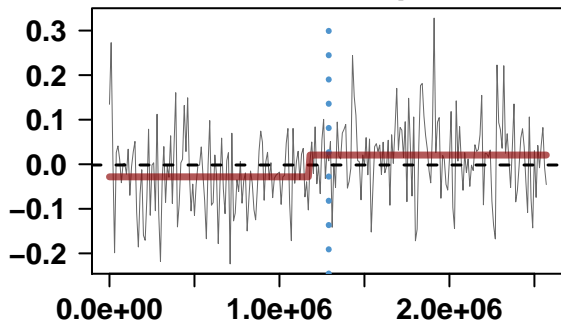
# Burkholderia xenovorans LB400



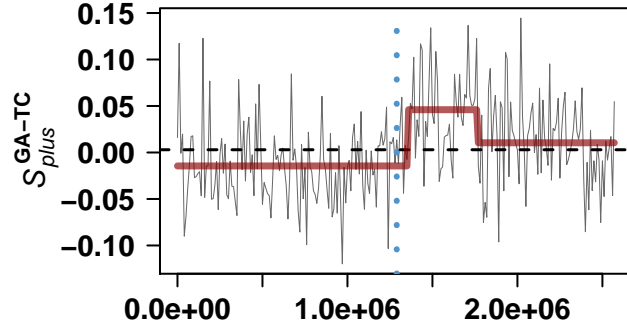
# Cupriavidus metallidurans CH34



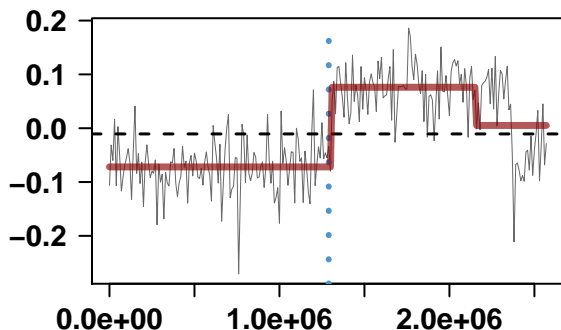
# Cupriavidus metallidurans CH34



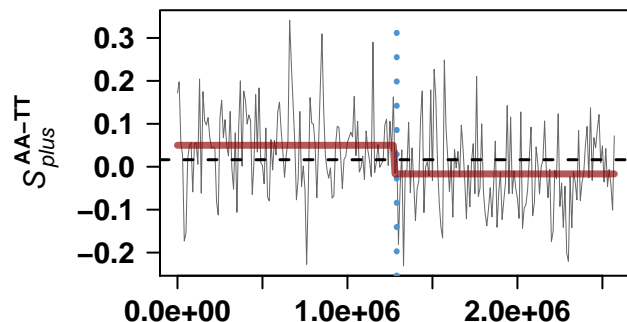
genome coordinates



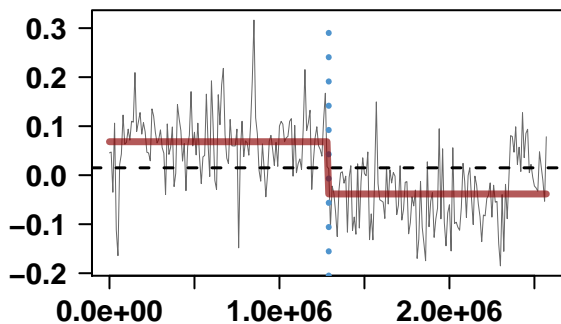
genome coordinates



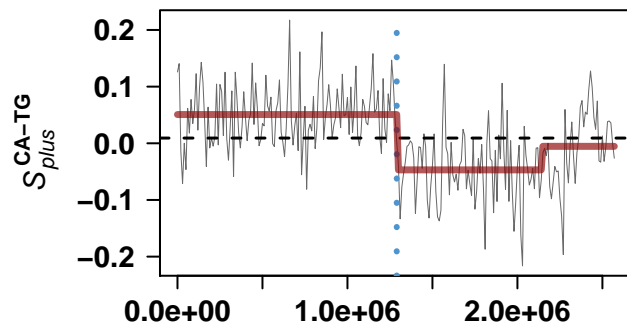
genome coordinates



genome coordinates

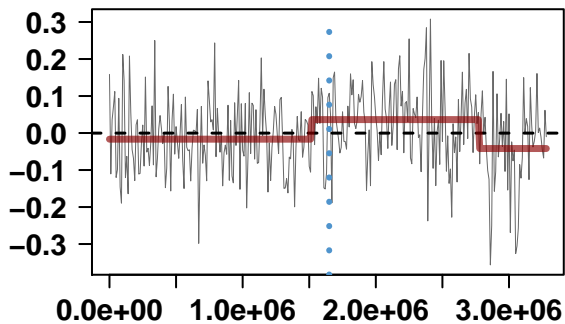


genome coordinates

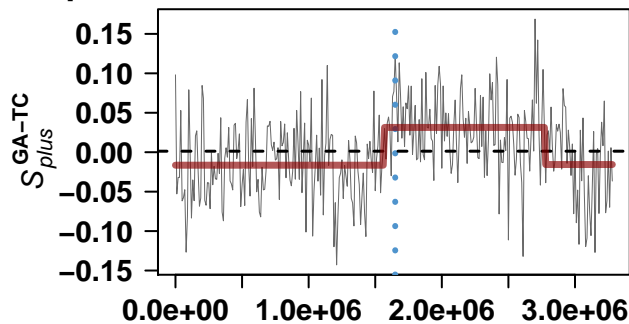


genome coordinates

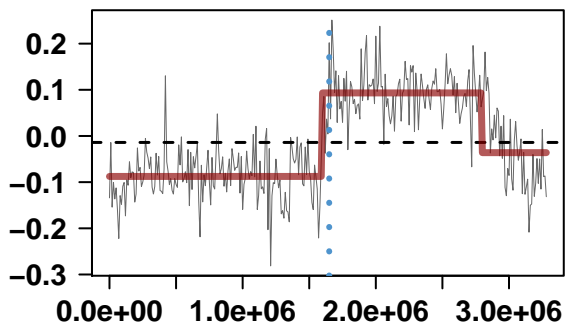
# Burkholderia cenocepacia AU 1054



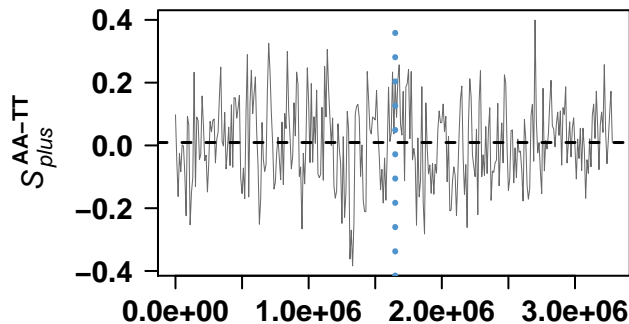
genome coordinates



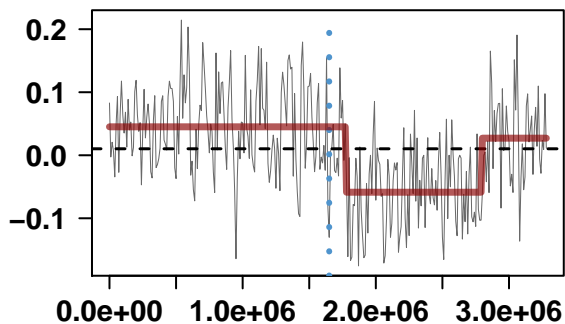
genome coordinates



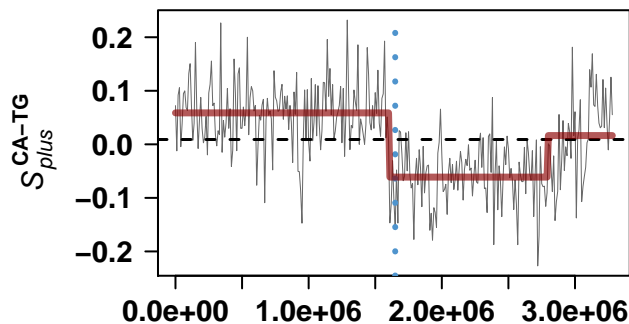
genome coordinates



genome coordinates

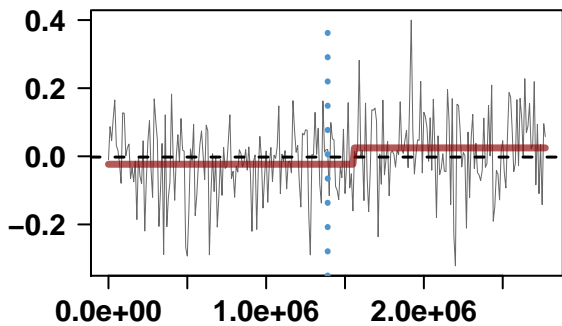


genome coordinates

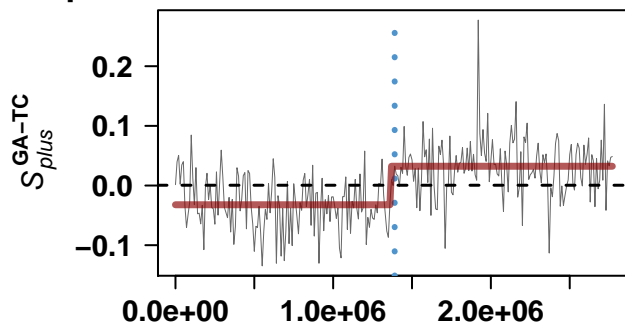


genome coordinates

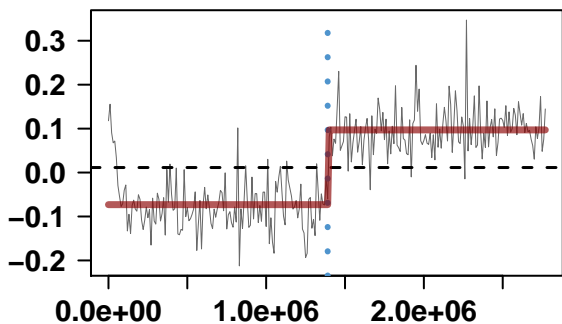
# Burkholderia cenocepacia AU 1054



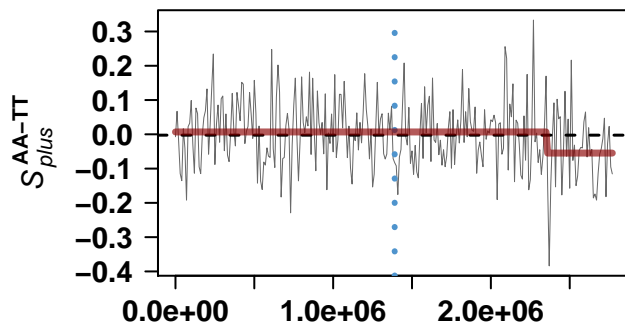
genome coordinates



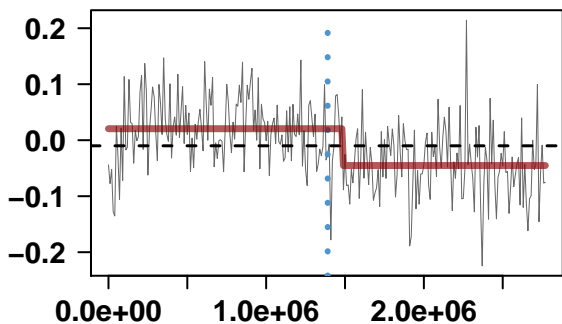
genome coordinates



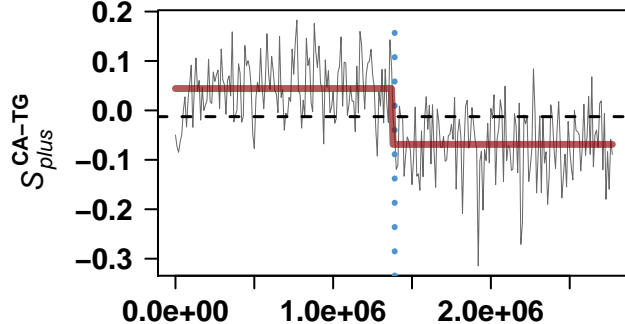
genome coordinates



genome coordinates

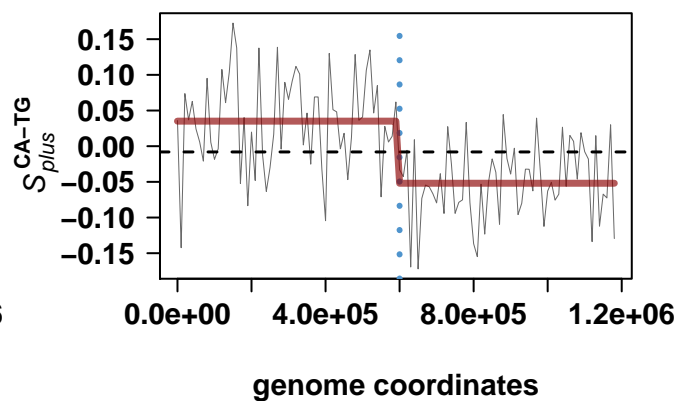
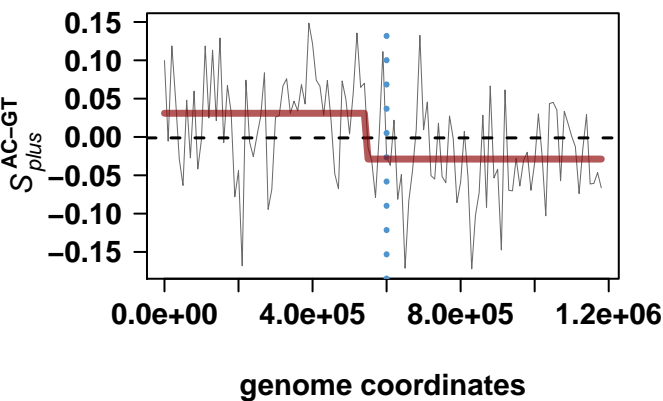
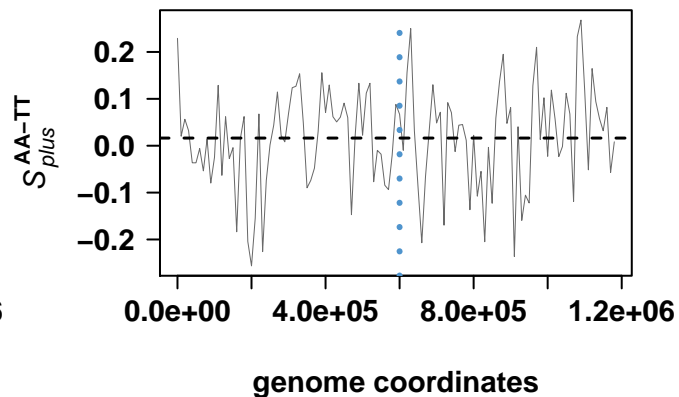
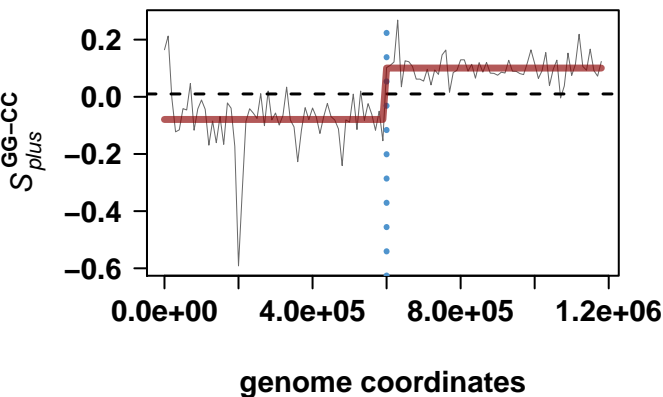
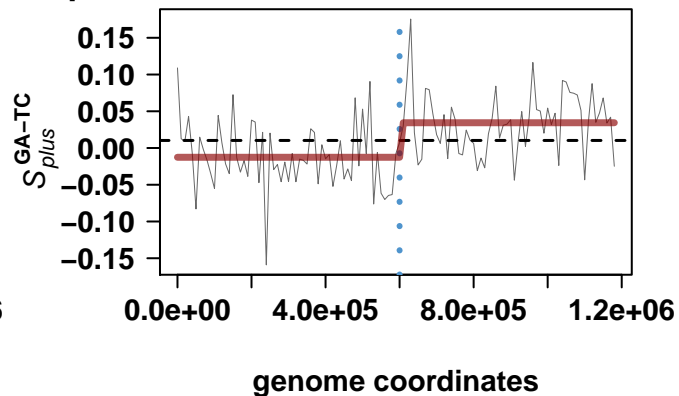
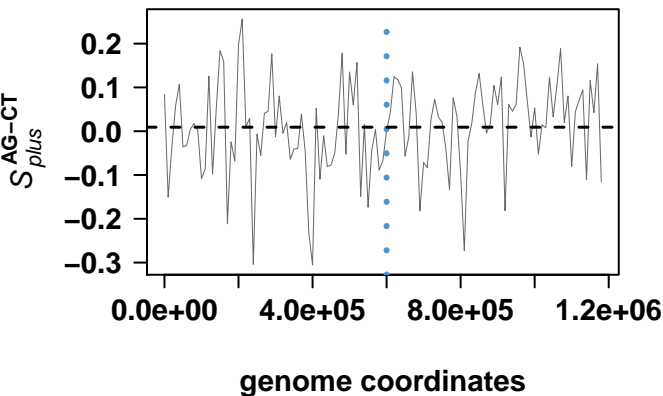


genome coordinates

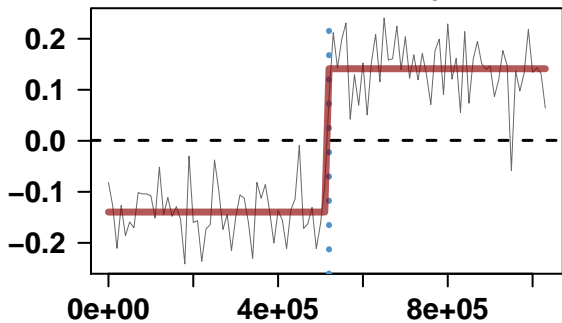


genome coordinates

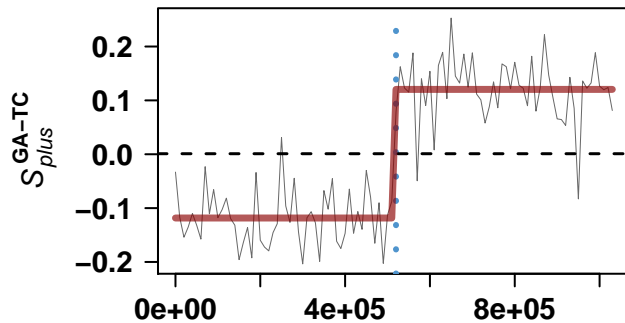
# Burkholderia cenocepacia AU 1054



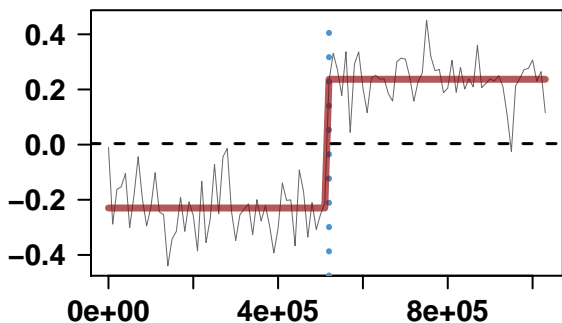
# Chlamydia trachomatis D/UW-3/CX



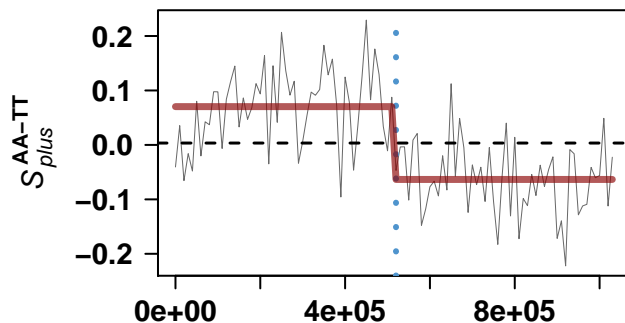
genome coordinates



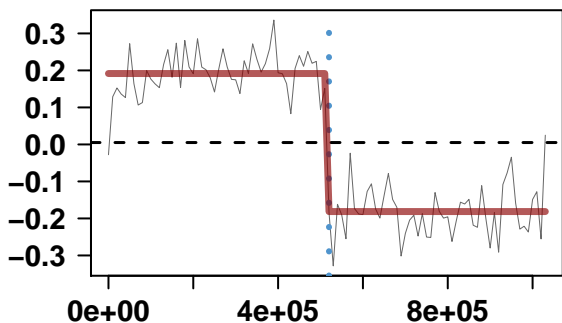
genome coordinates



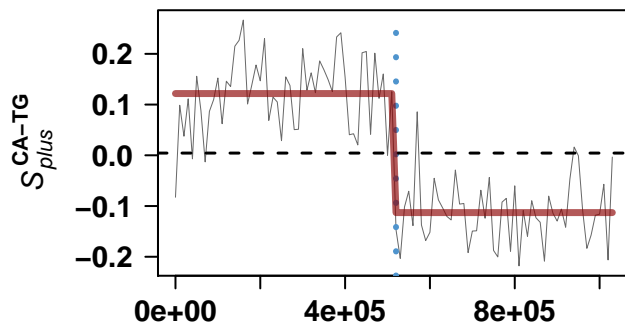
genome coordinates



genome coordinates

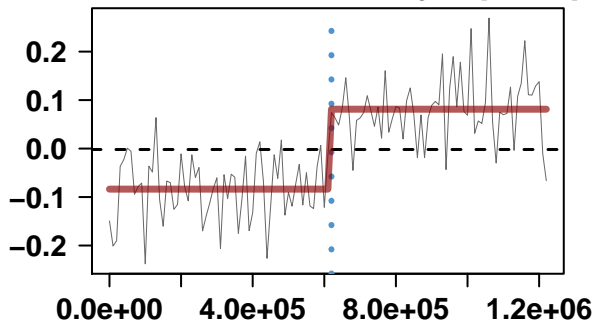


genome coordinates

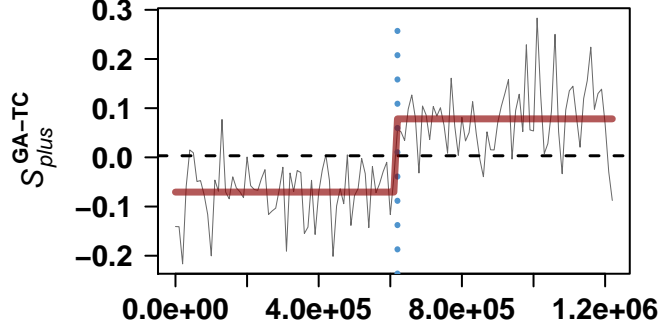


genome coordinates

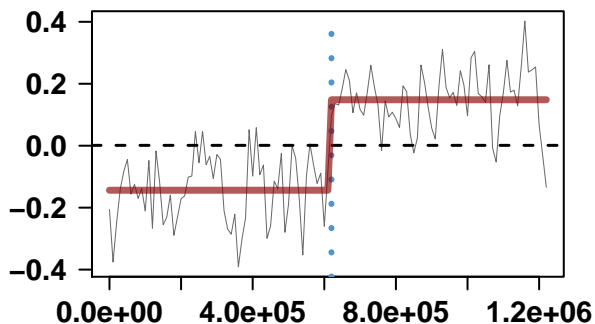
# Chlamydophila pneumoniae CWL029



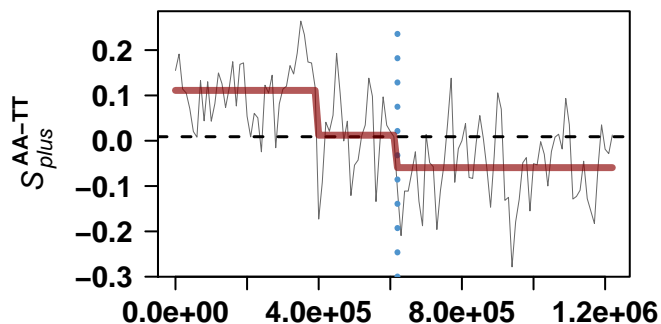
genome coordinates



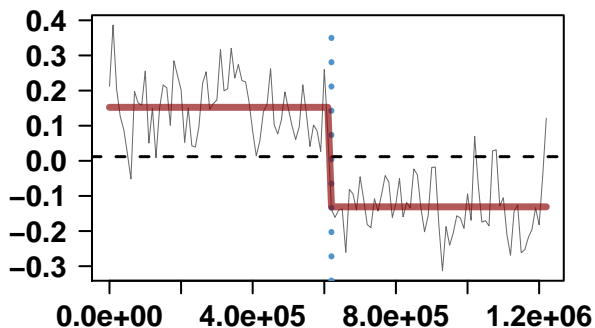
genome coordinates



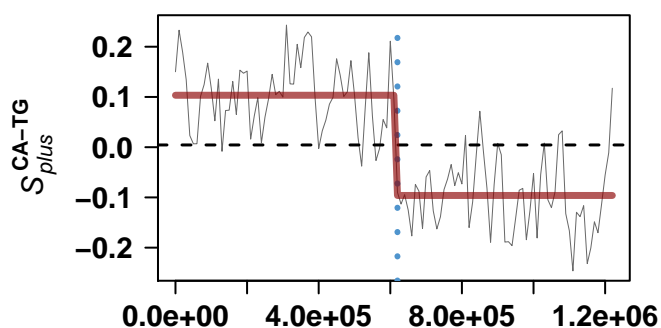
genome coordinates



genome coordinates

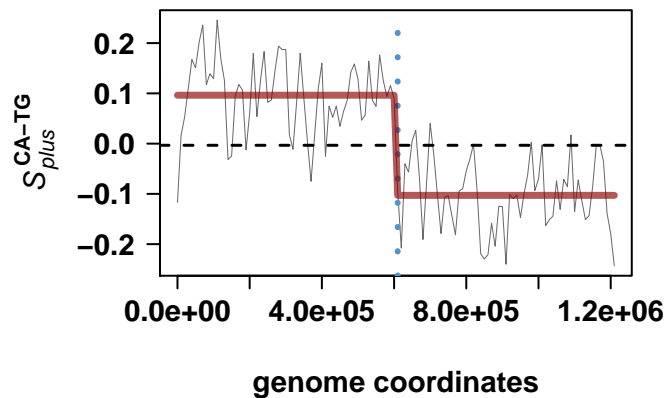
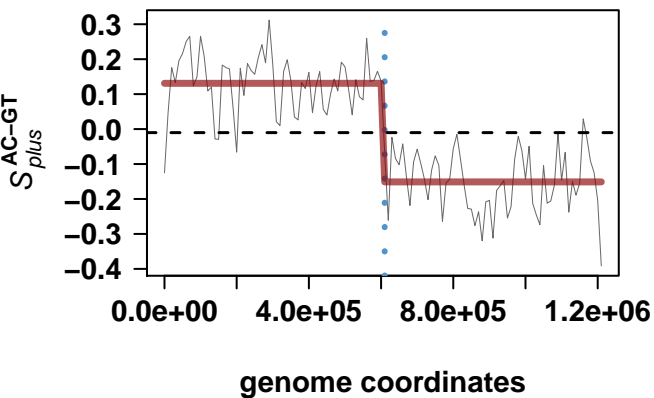
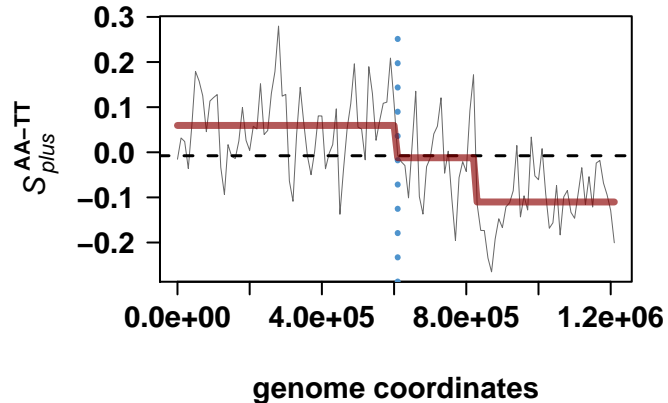
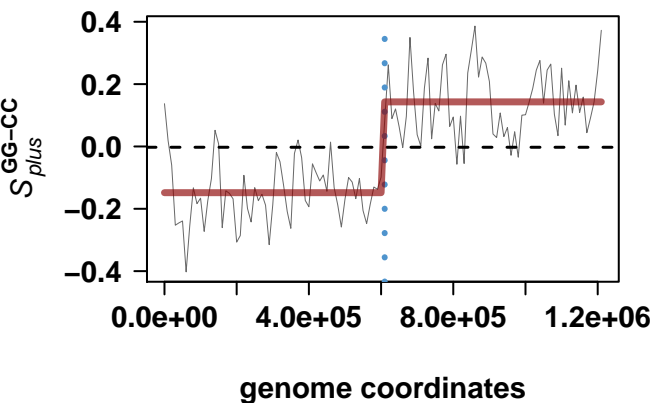
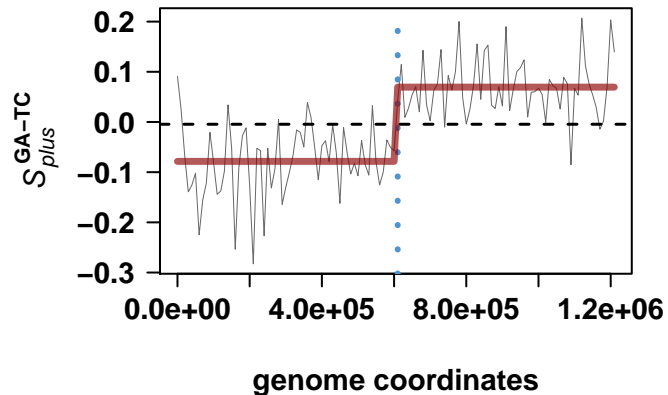
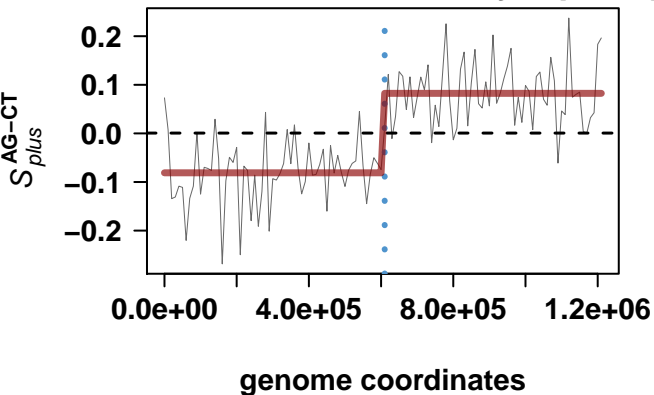


genome coordinates

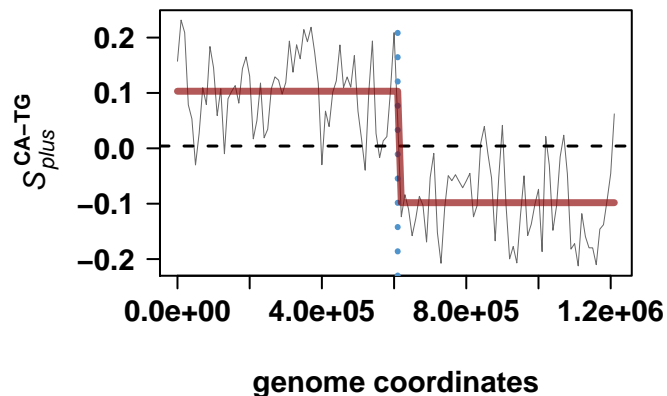
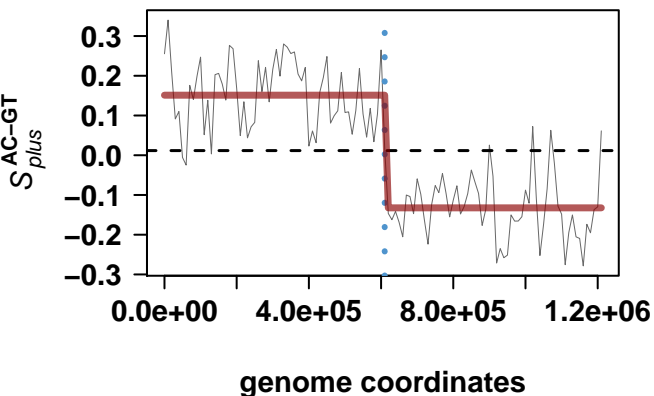
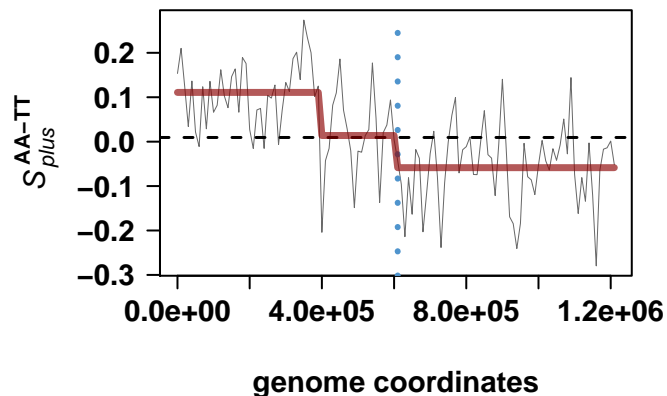
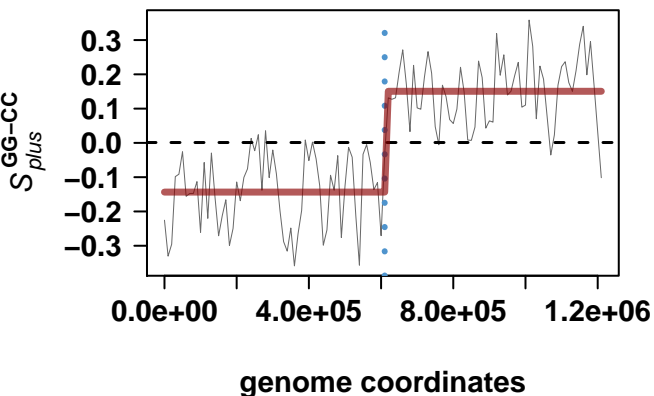
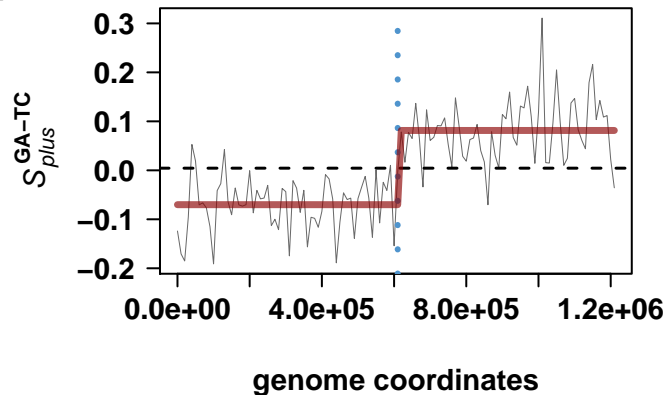
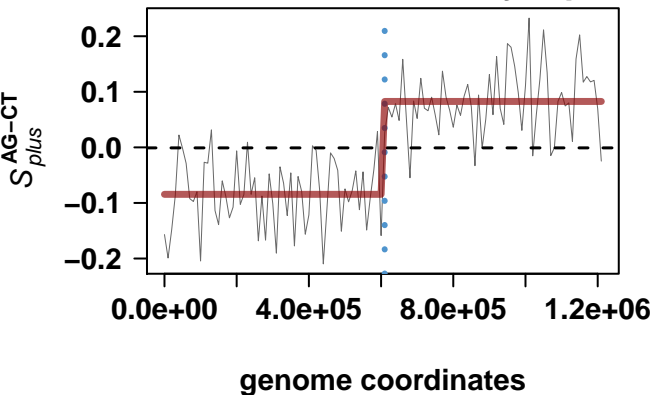


genome coordinates

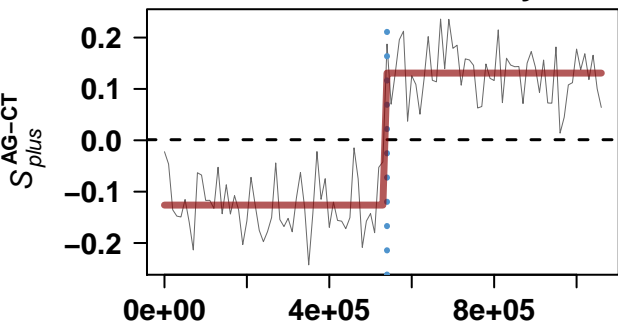
# Chlamydomonas reinhardtii AR39



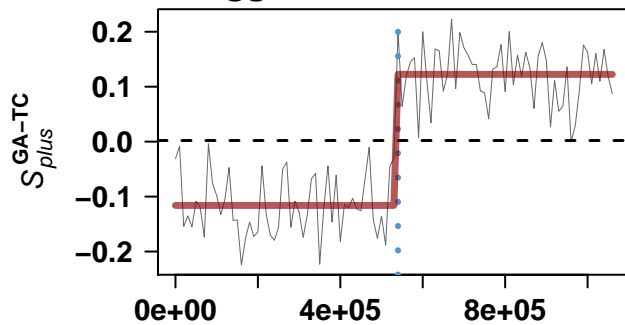
# Chlamydomophila pneumoniae J138



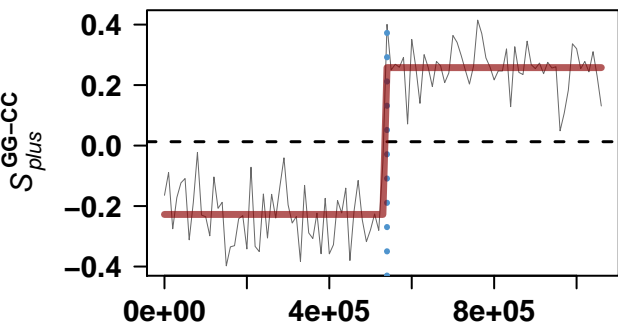
# Chlamydia muridarum str. Nigg



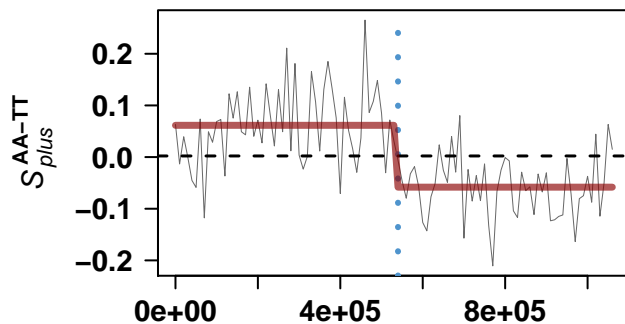
genome coordinates



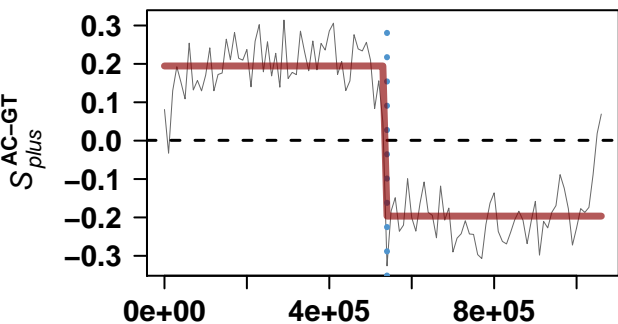
genome coordinates



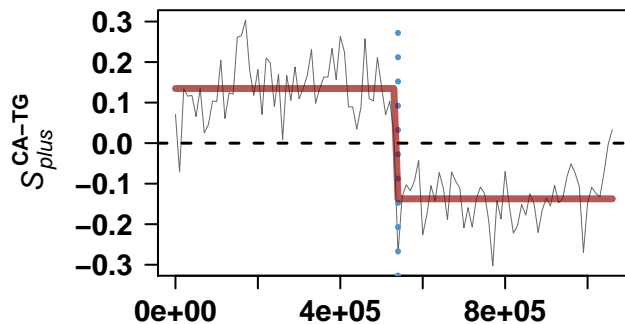
genome coordinates



genome coordinates

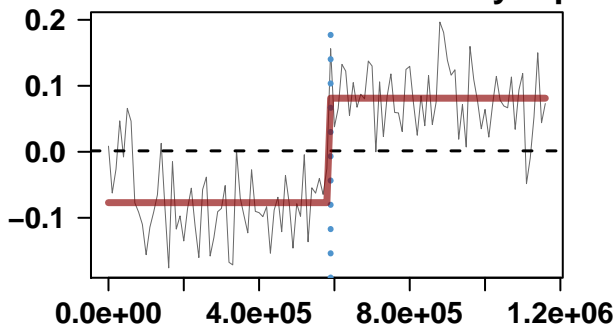


genome coordinates

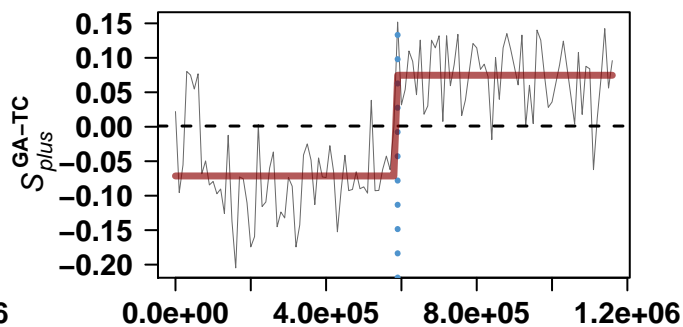


genome coordinates

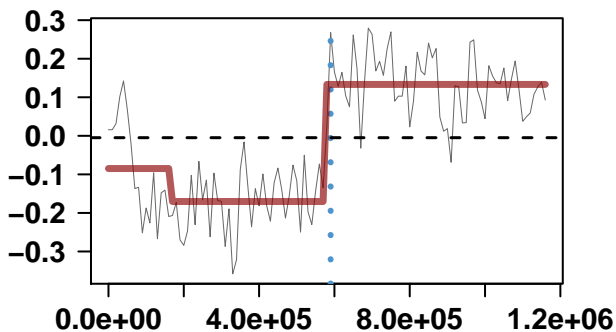
# Chlamydomonas reinhardtii GPIC



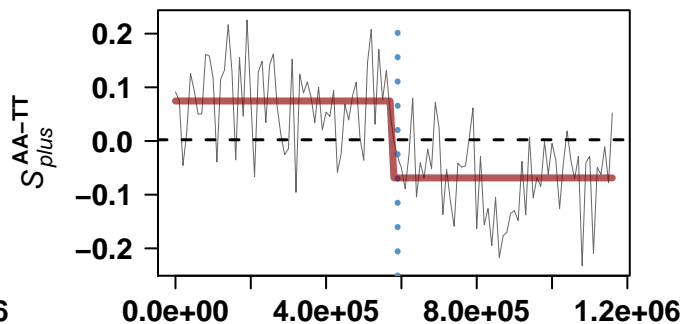
genome coordinates



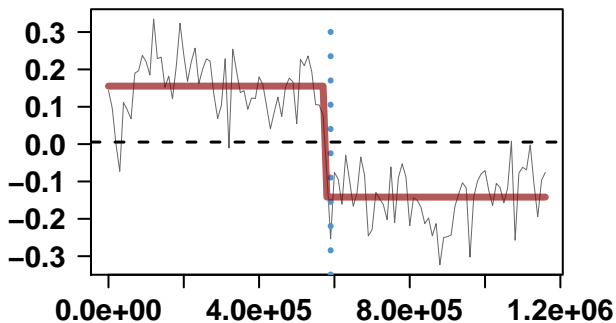
genome coordinates



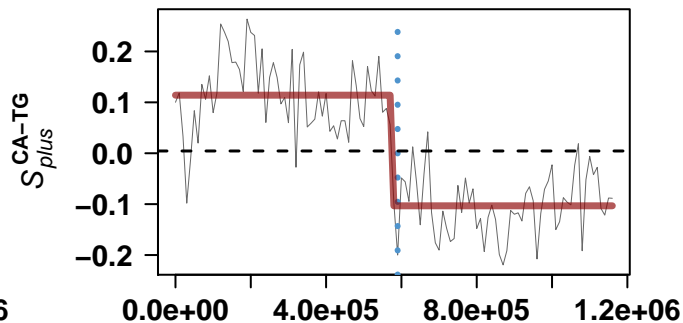
genome coordinates



genome coordinates

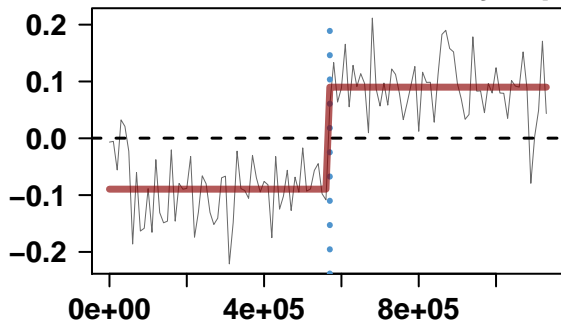


genome coordinates

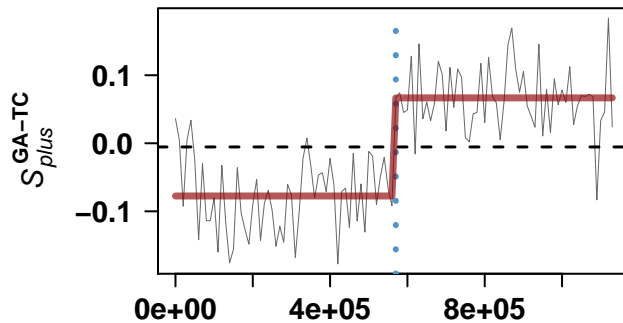


genome coordinates

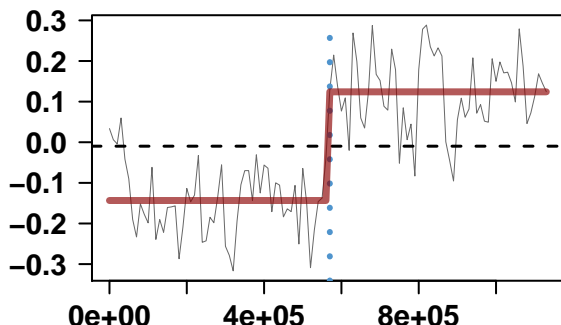
# Chlamydomonas abortus S26/3



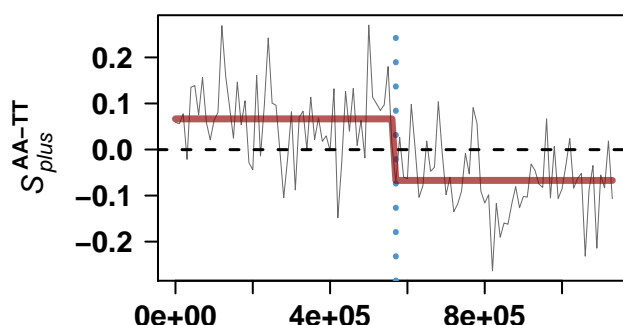
genome coordinates



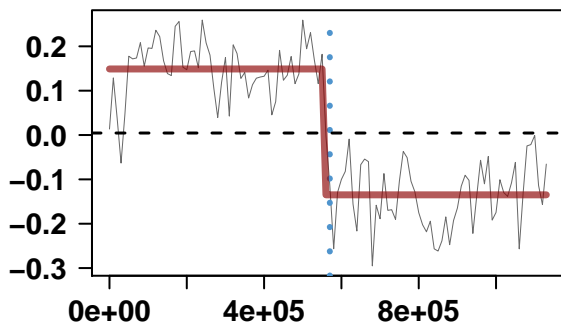
genome coordinates



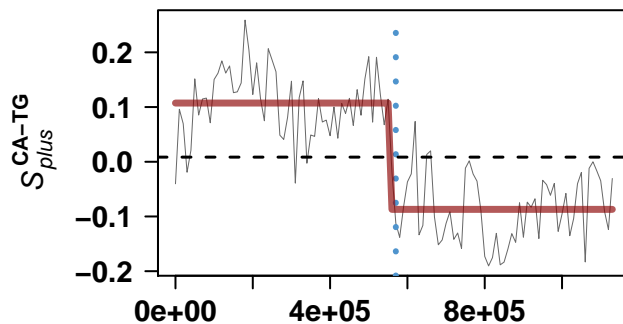
genome coordinates



genome coordinates

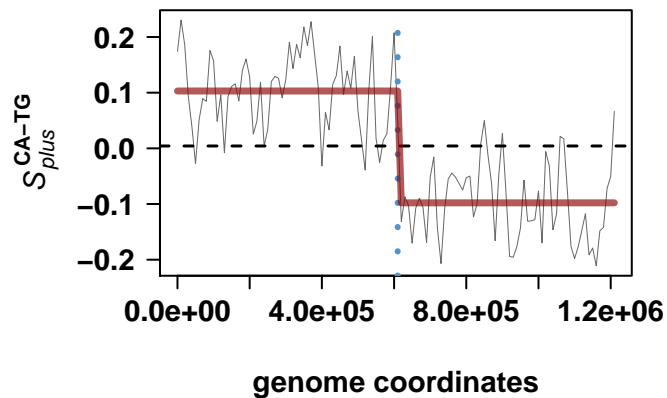
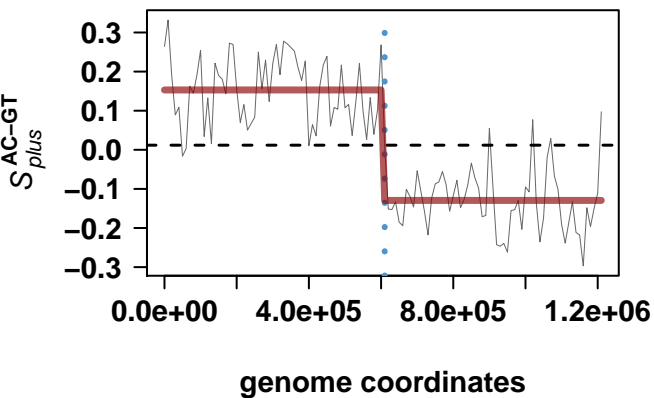
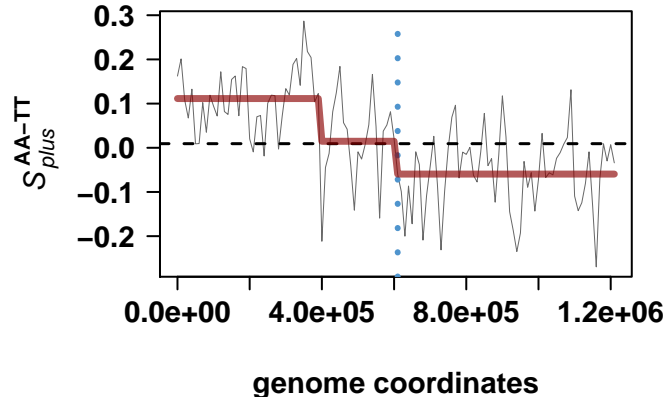
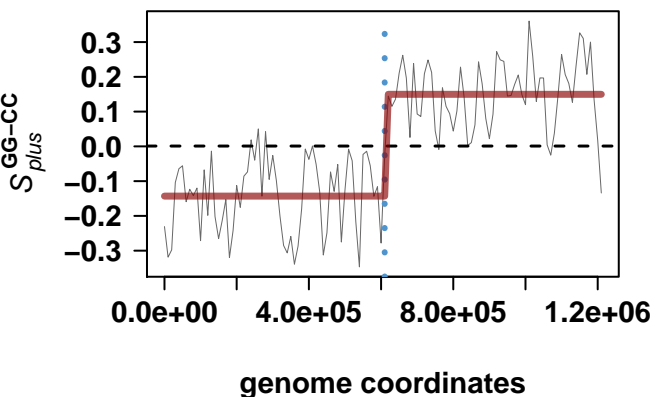
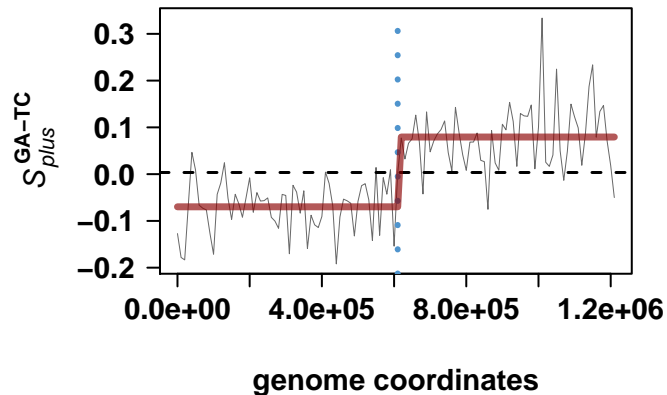
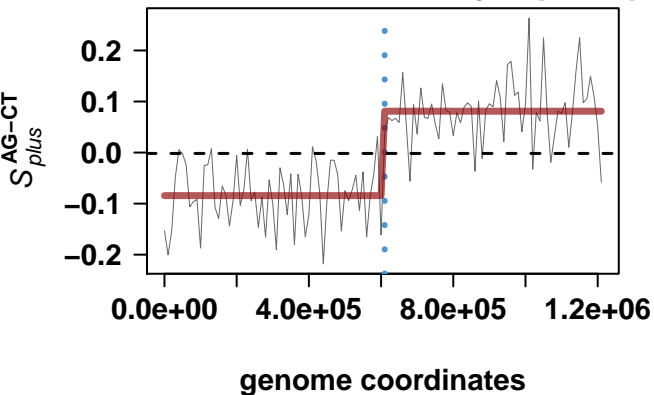


genome coordinates

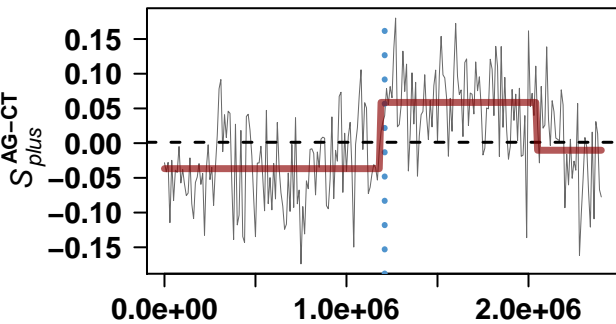


genome coordinates

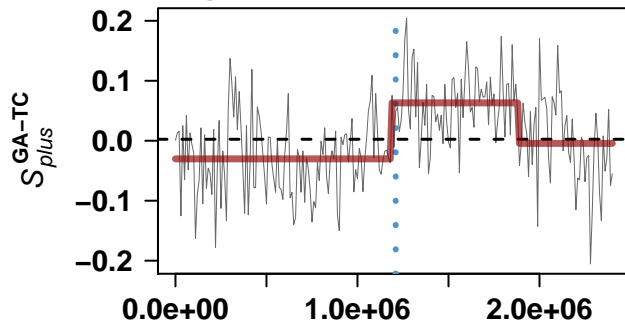
# Chlamydophila pneumoniae TW-183



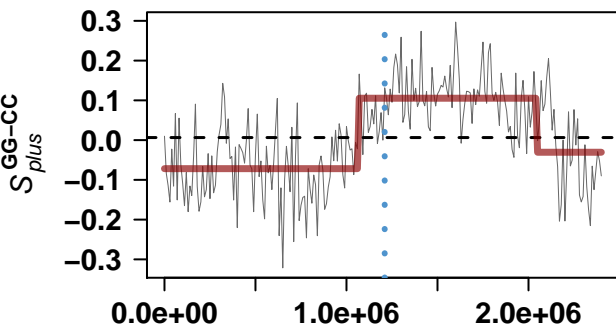
# Candidatus Protochlamydia amoebophila UWE25



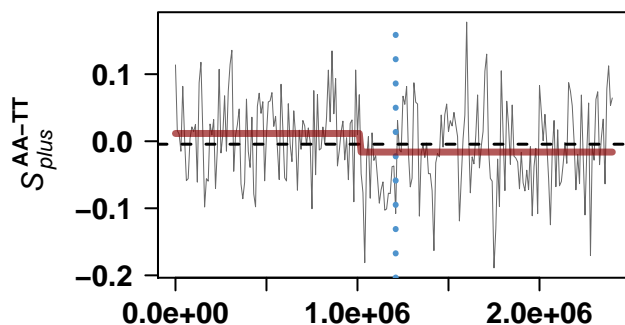
genome coordinates



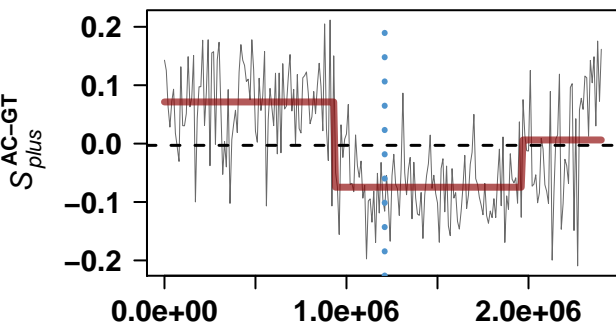
genome coordinates



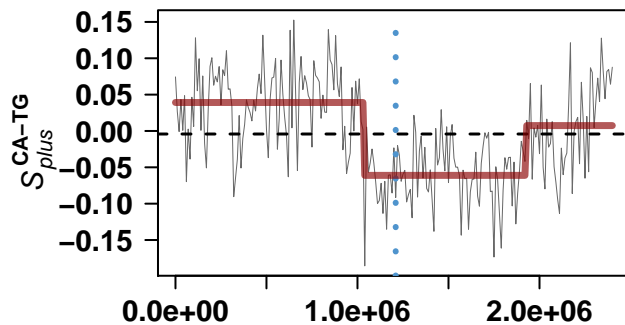
genome coordinates



genome coordinates

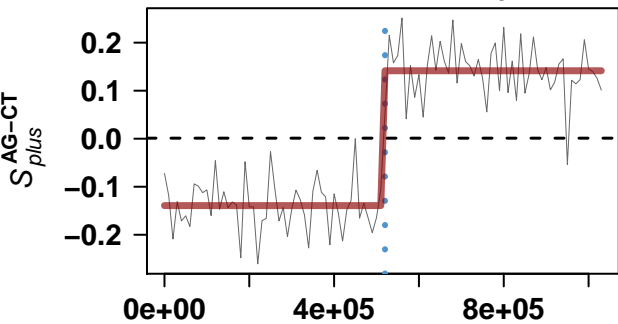


genome coordinates

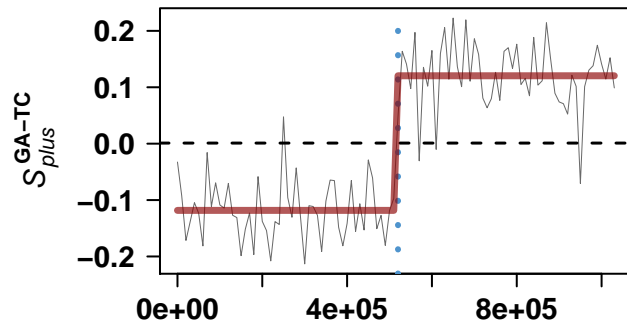


genome coordinates

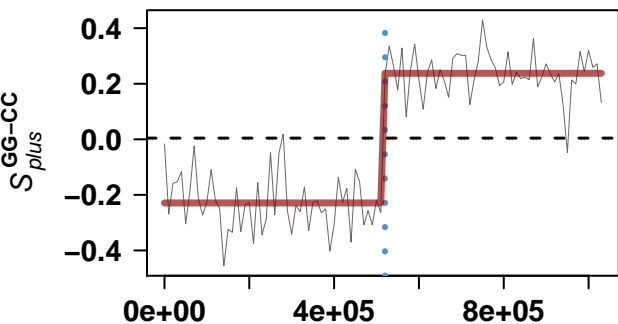
# Chlamydia trachomatis A/HAR-13



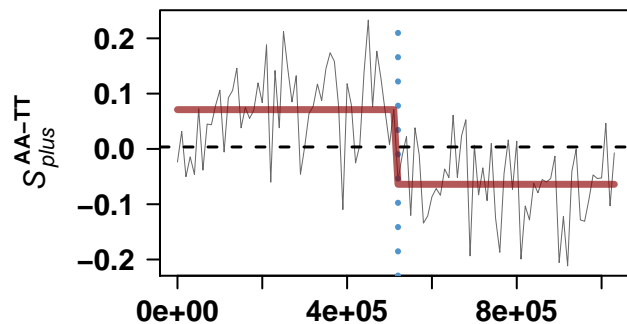
genome coordinates



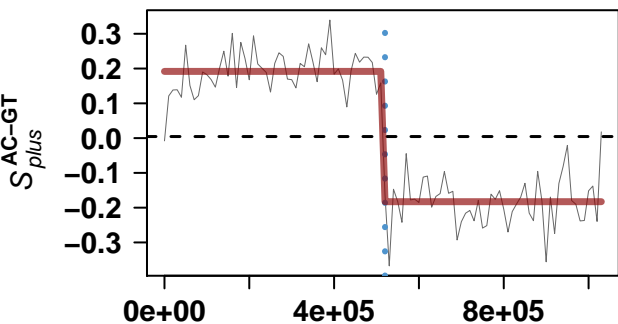
genome coordinates



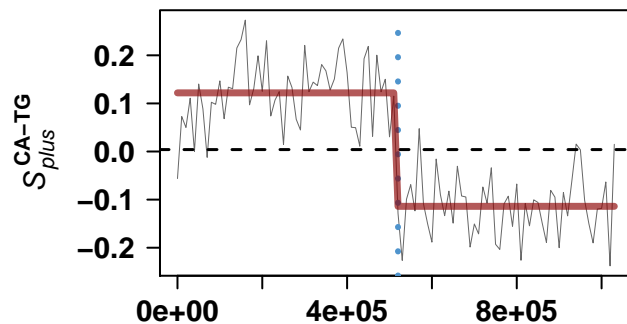
genome coordinates



genome coordinates

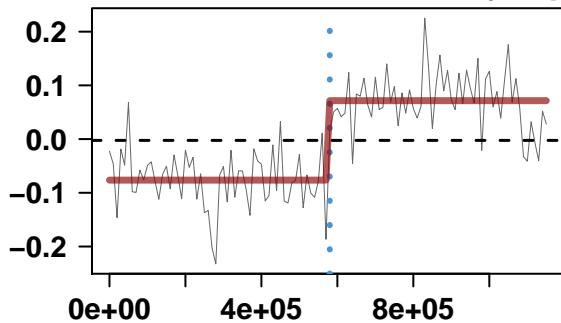


genome coordinates

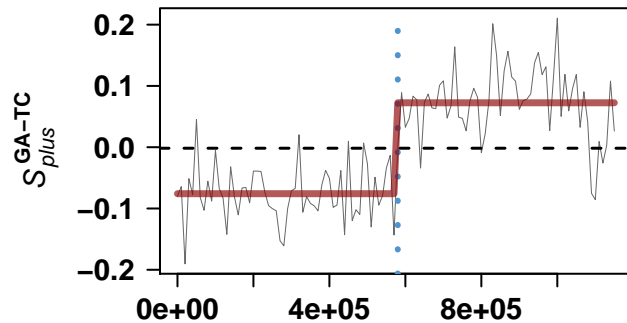


genome coordinates

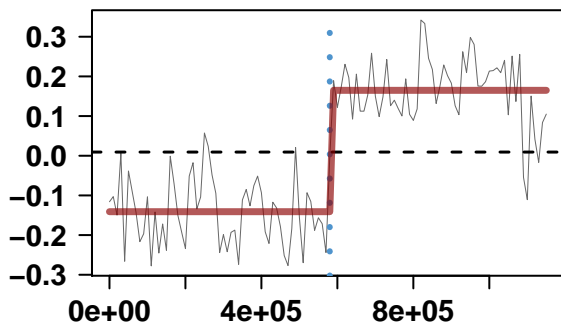
# Chlamydophila felis Fe/C-56



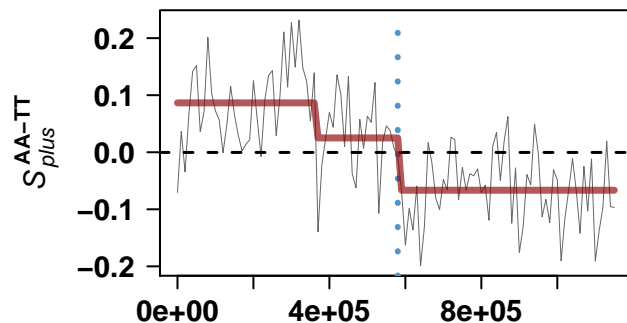
genome coordinates



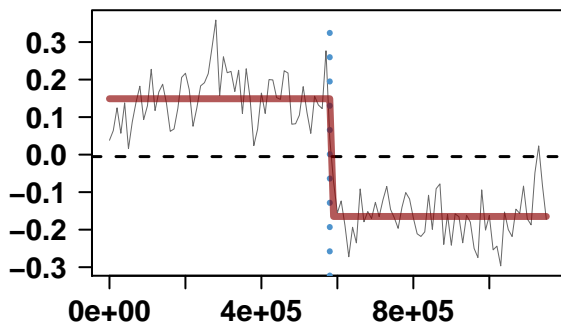
genome coordinates



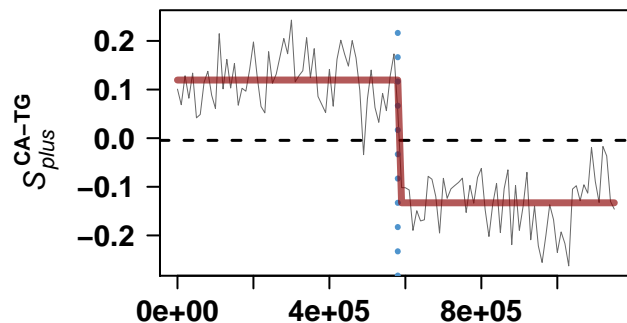
genome coordinates



genome coordinates

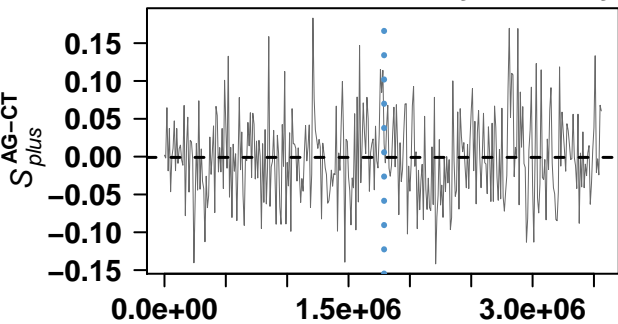


genome coordinates

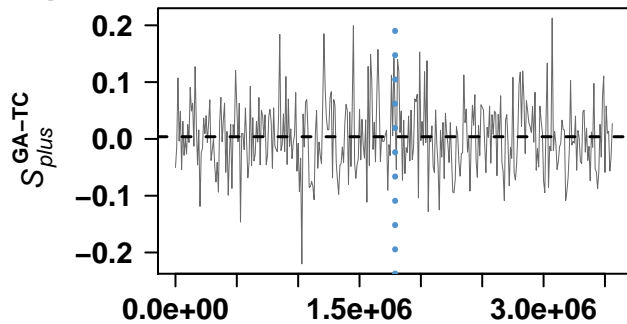


genome coordinates

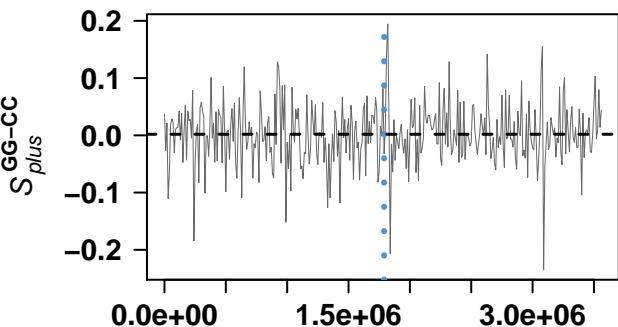
# Synechocystis sp. PCC 6803



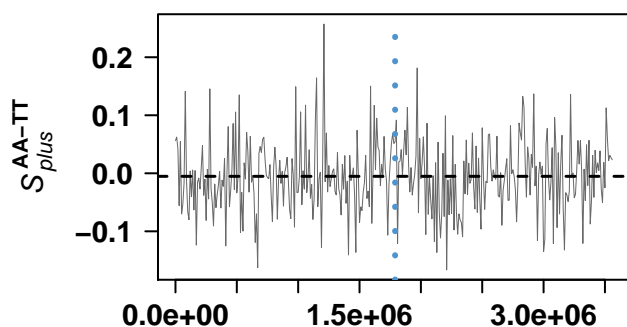
genome coordinates



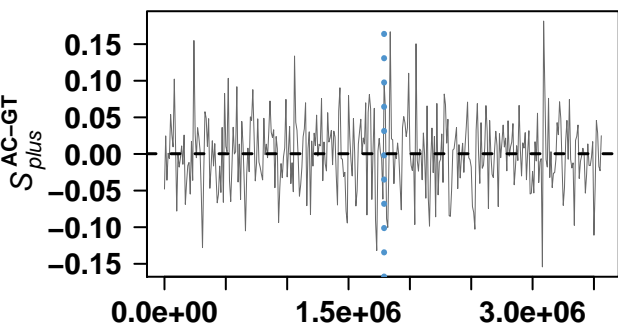
genome coordinates



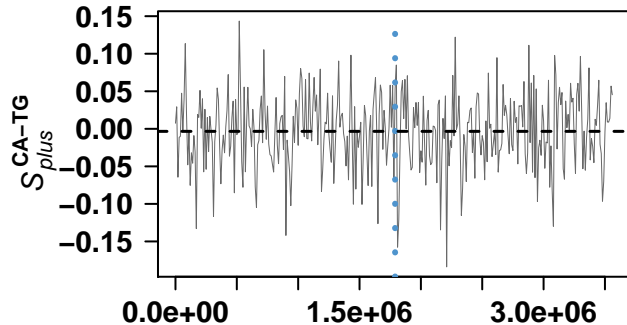
genome coordinates



genome coordinates

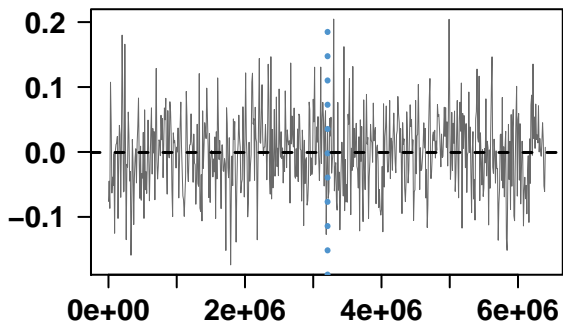


genome coordinates

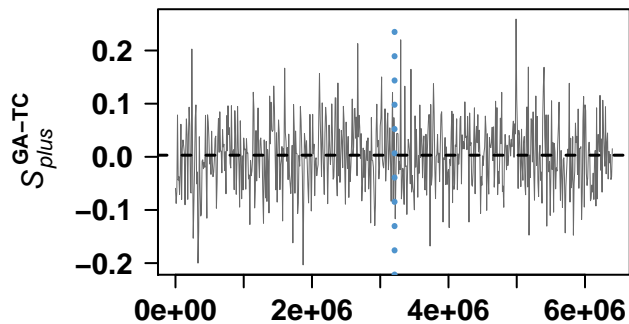


genome coordinates

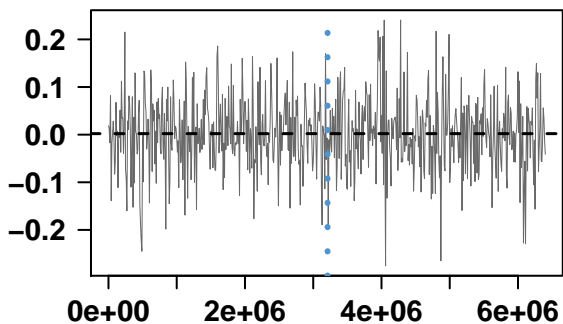
# Nostoc sp. PCC 7120



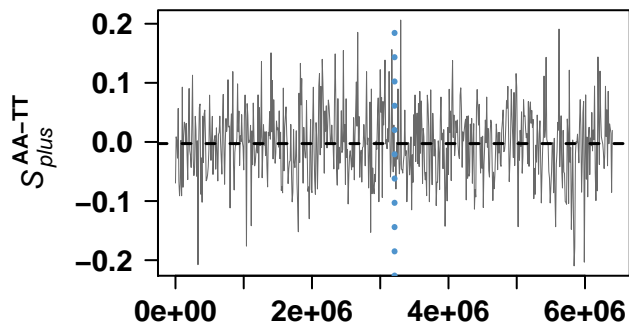
genome coordinates



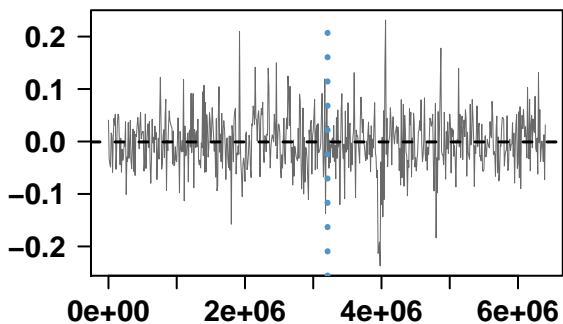
genome coordinates



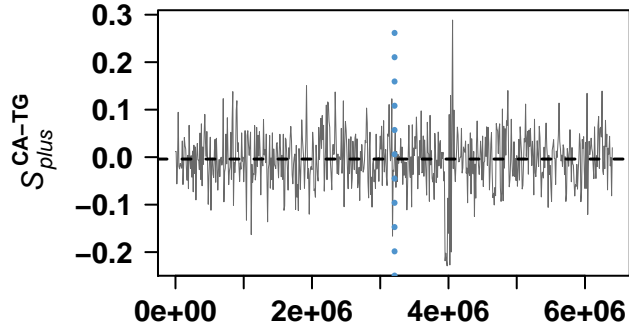
genome coordinates



genome coordinates

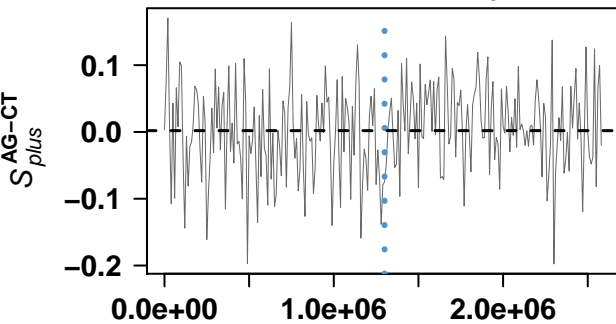


genome coordinates

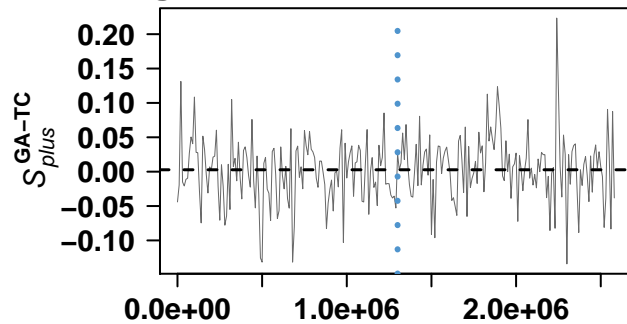


genome coordinates

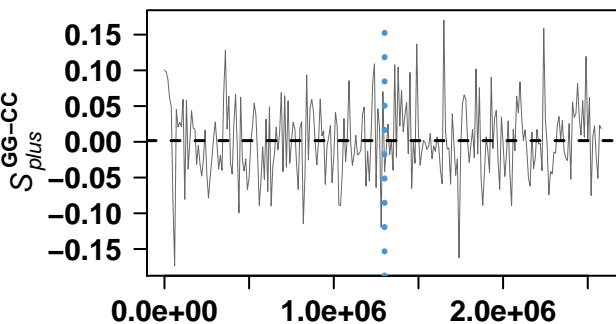
# Thermosynechococcus elongatus BP-1



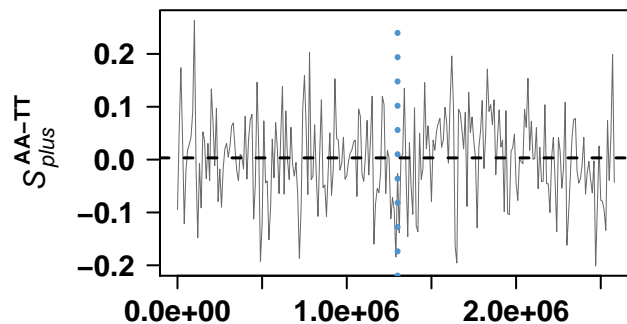
genome coordinates



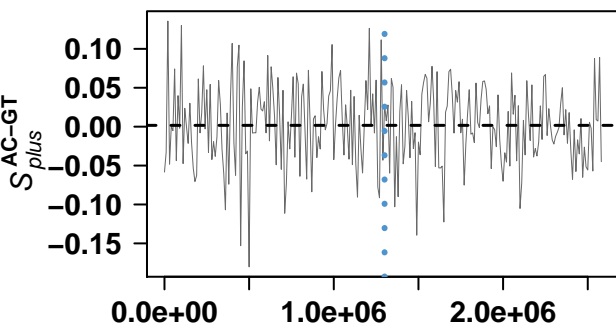
genome coordinates



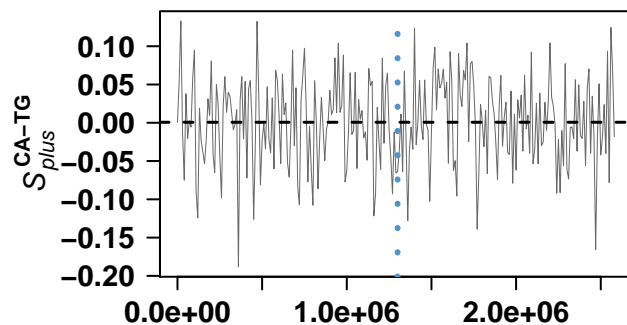
genome coordinates



genome coordinates

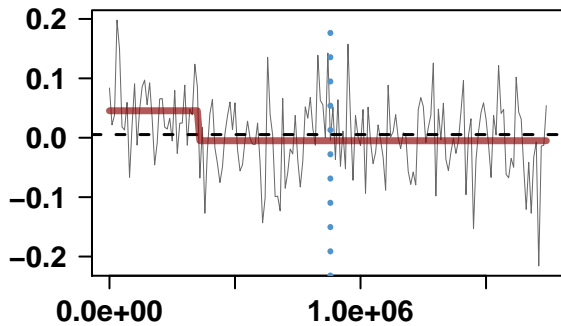


genome coordinates

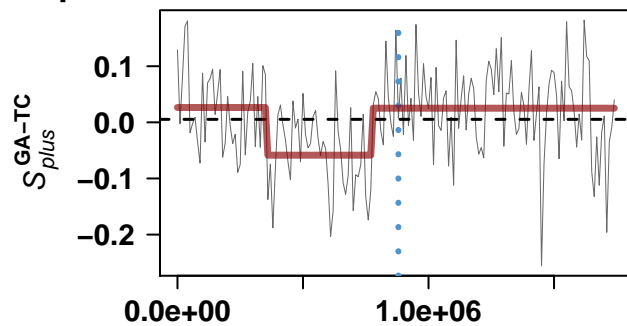


genome coordinates

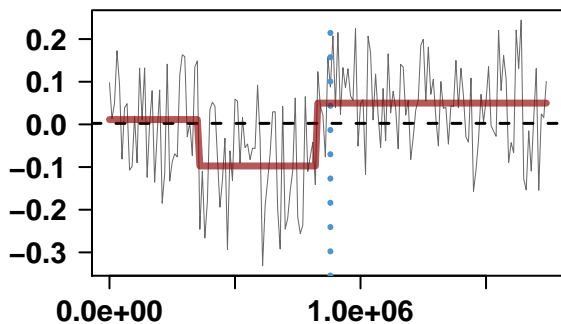
# Prochlorococcus marinus subsp. marinus str. CCMP1375



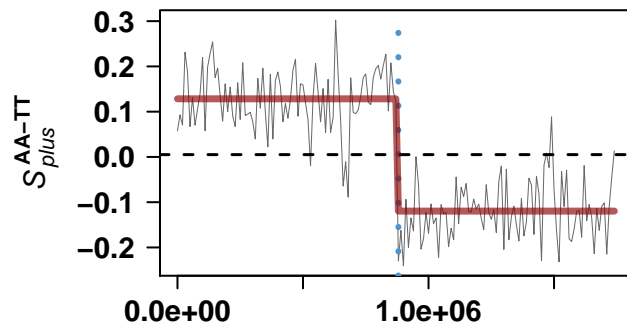
genome coordinates



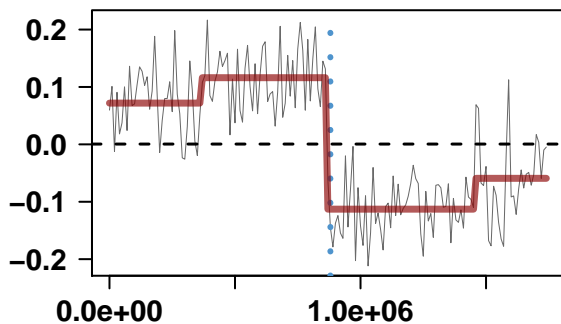
genome coordinates



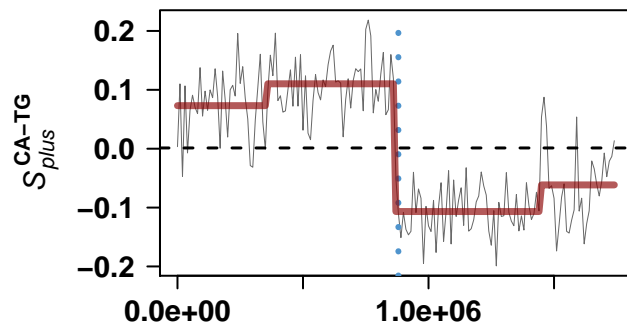
genome coordinates



genome coordinates

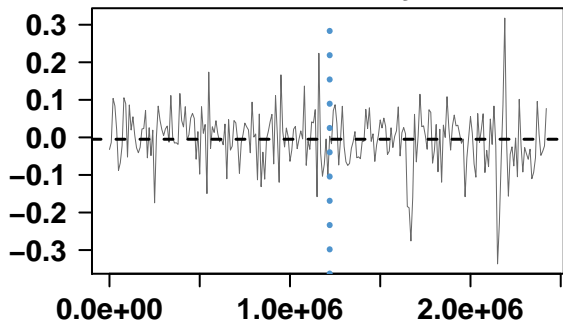


genome coordinates

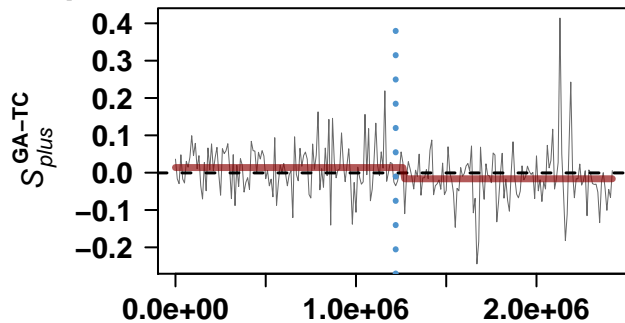


genome coordinates

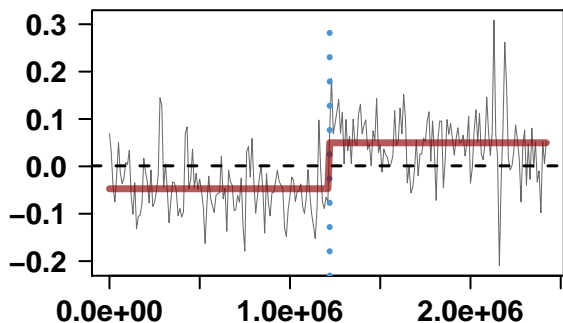
# Synechococcus sp. WH 8102



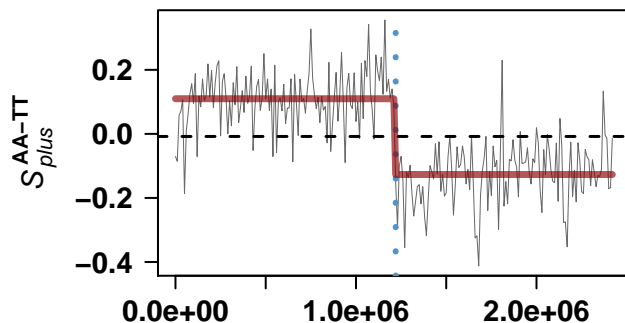
genome coordinates



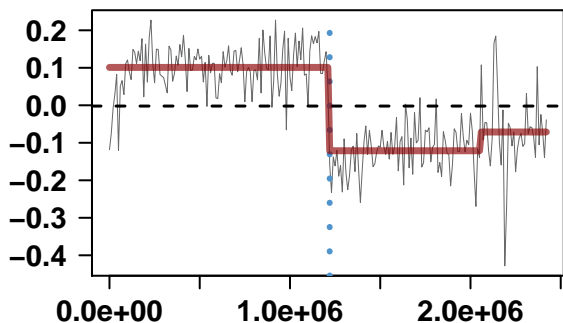
genome coordinates



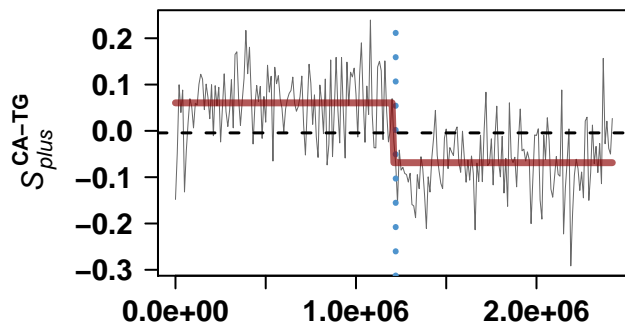
genome coordinates



genome coordinates

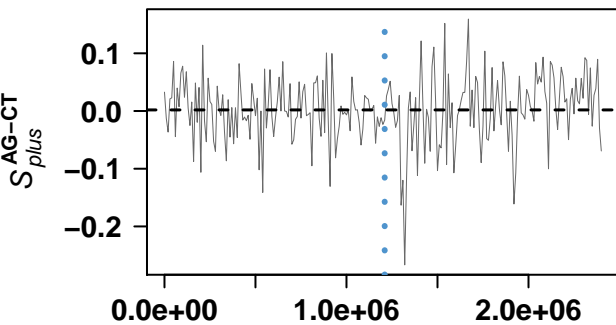


genome coordinates

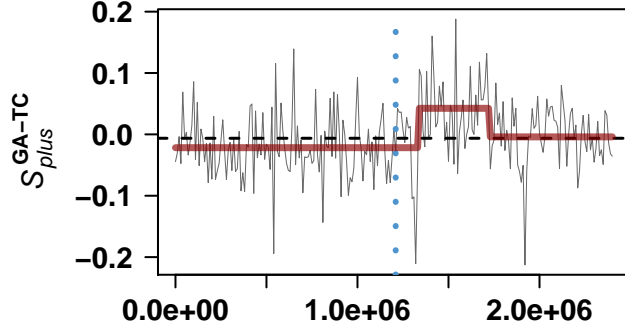


genome coordinates

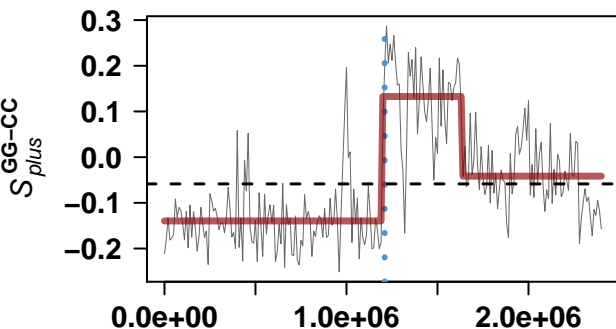
# Prochlorococcus marinus str. MIT 9313



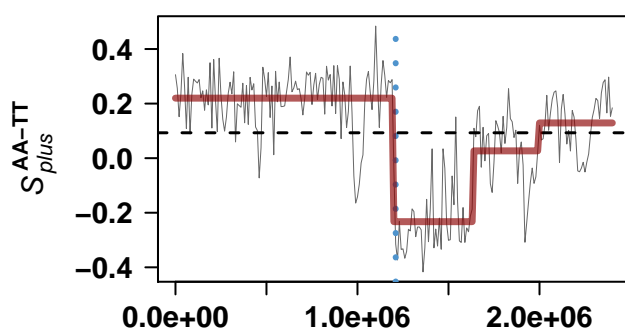
genome coordinates



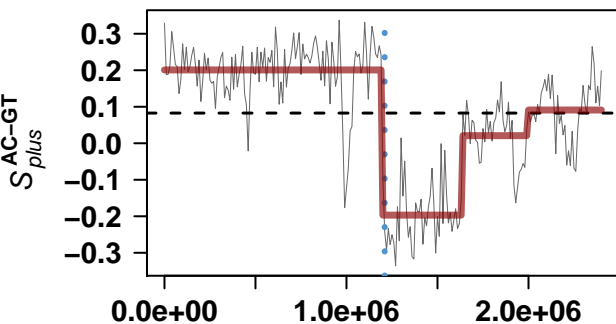
genome coordinates



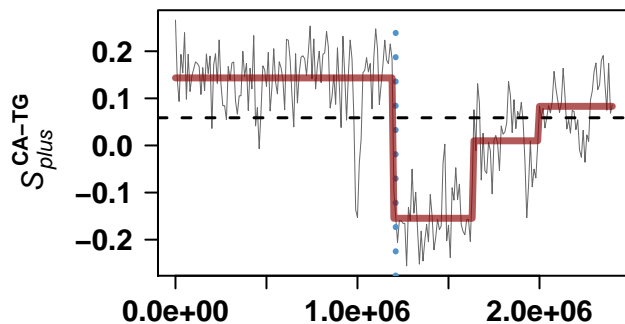
genome coordinates



genome coordinates

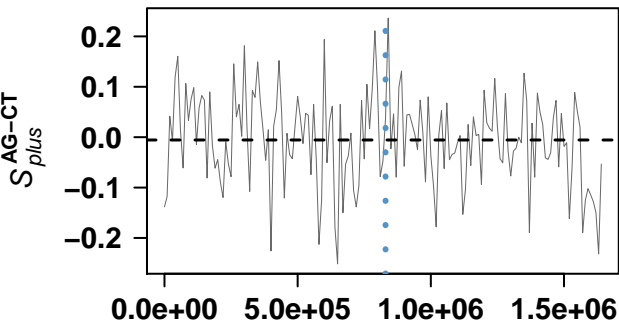


genome coordinates

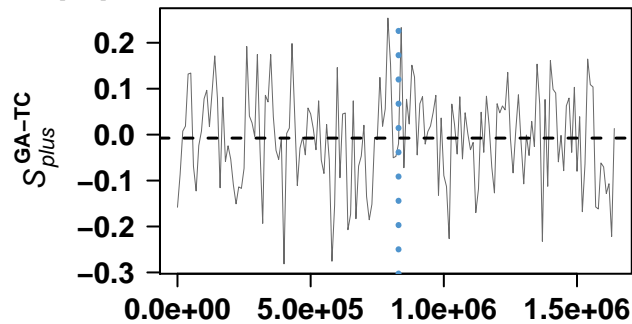


genome coordinates

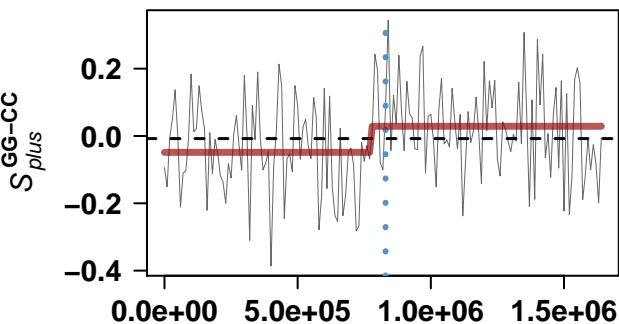
# Prochlorococcus marinus subsp. pastoris str. CCMP1986



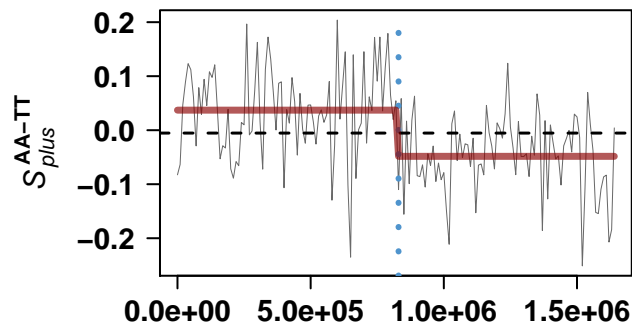
genome coordinates



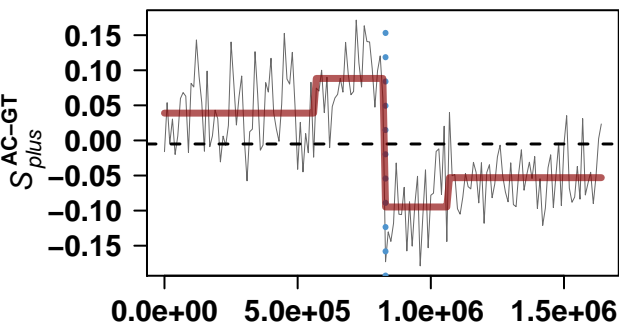
genome coordinates



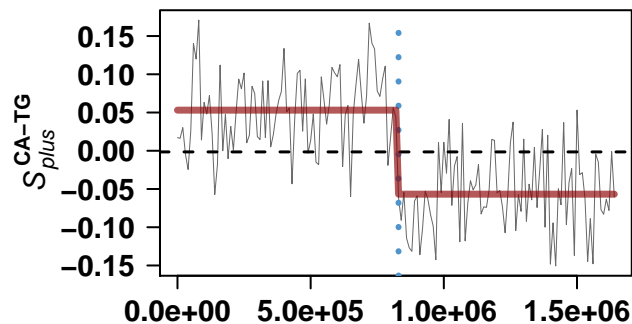
genome coordinates



genome coordinates

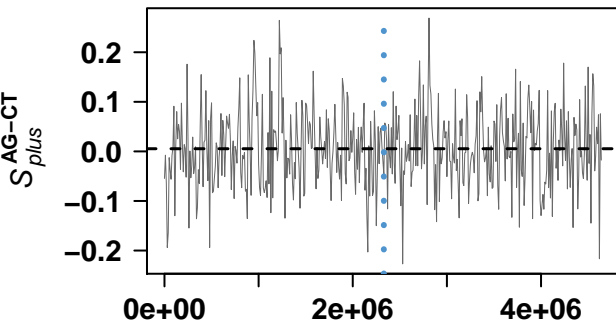


genome coordinates

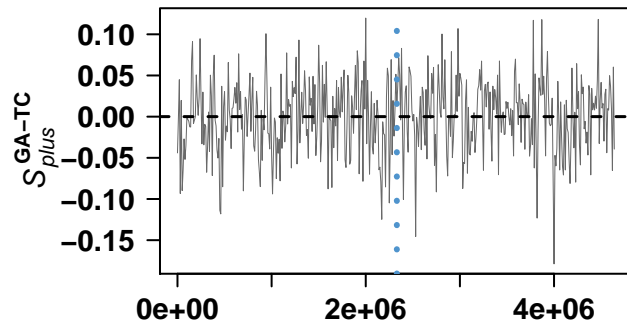


genome coordinates

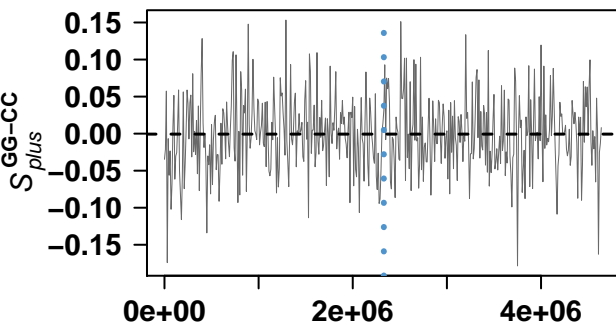
# Gloeobacter violaceus PCC 7421



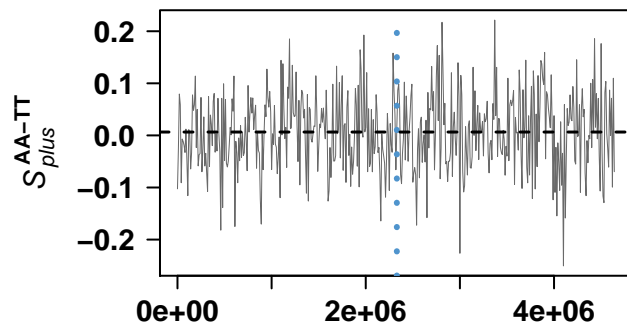
genome coordinates



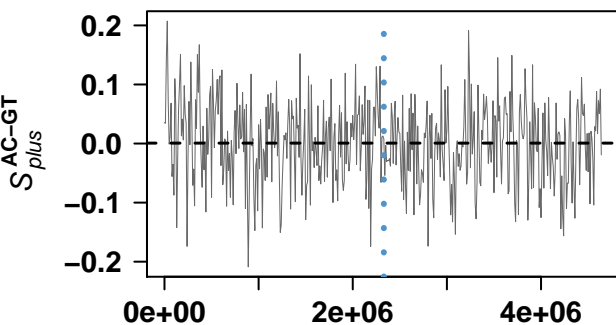
genome coordinates



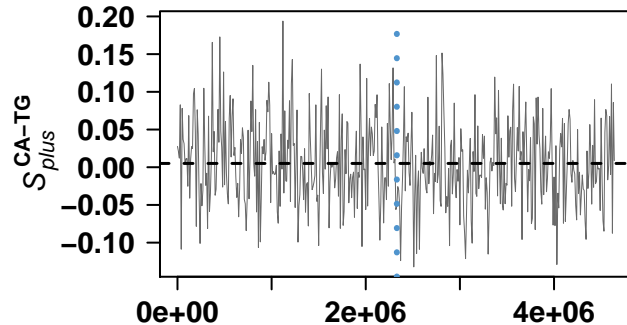
genome coordinates



genome coordinates

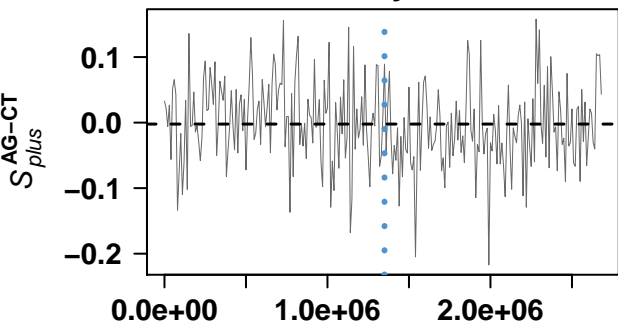


genome coordinates

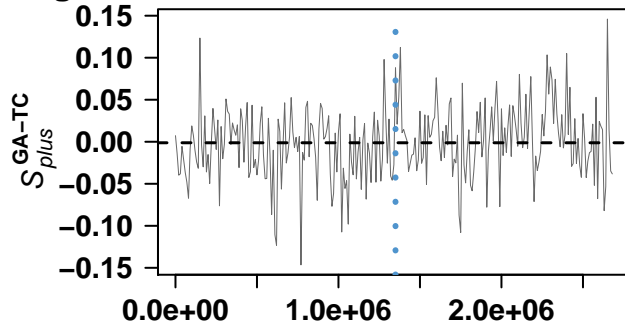


genome coordinates

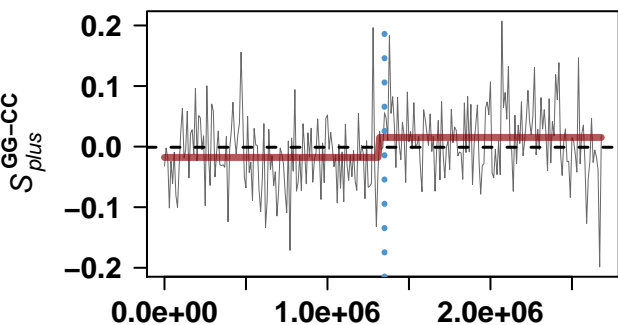
# Synechococcus elongatus PCC 6301



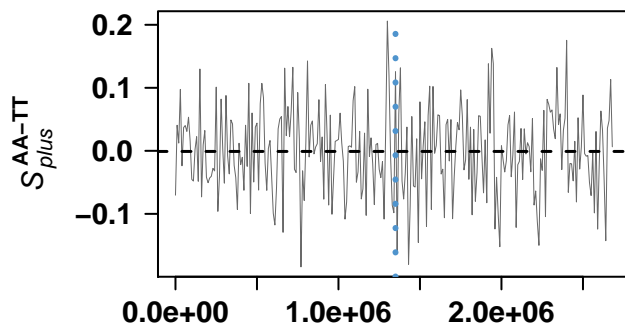
genome coordinates



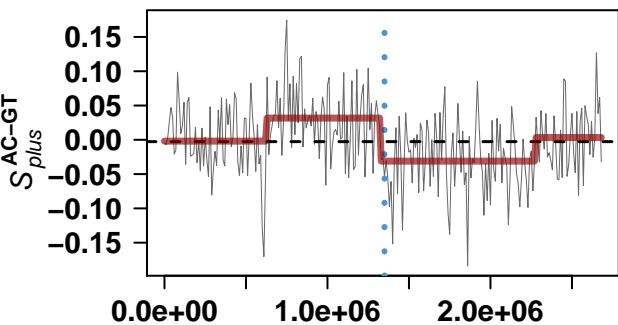
genome coordinates



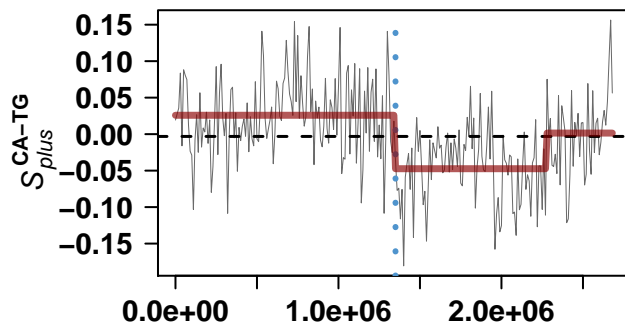
genome coordinates



genome coordinates

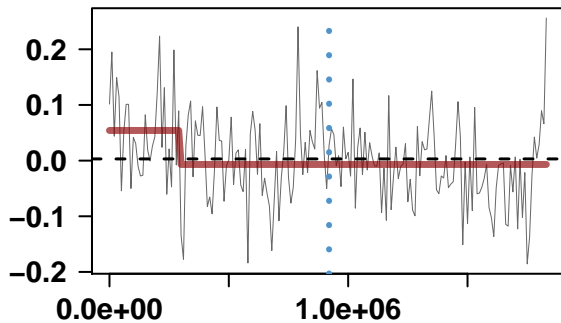


genome coordinates

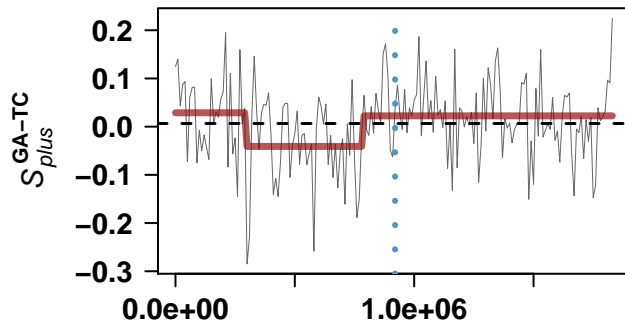


genome coordinates

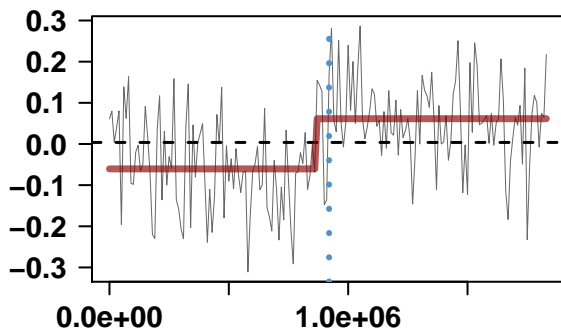
# Prochlorococcus marinus str. NATL2A



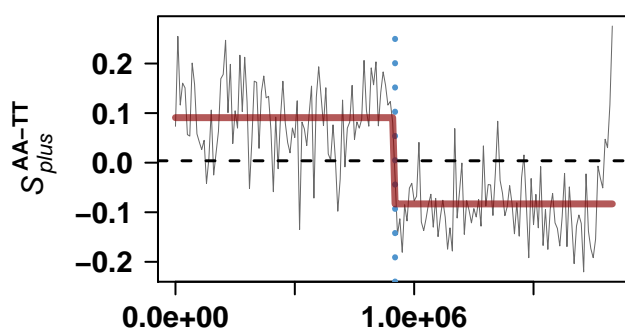
genome coordinates



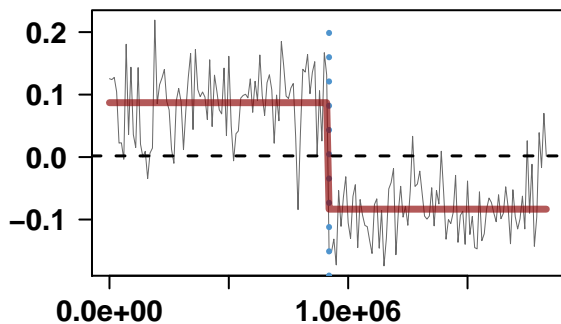
genome coordinates



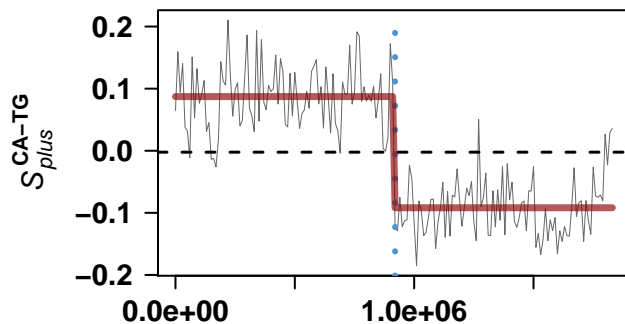
genome coordinates



genome coordinates

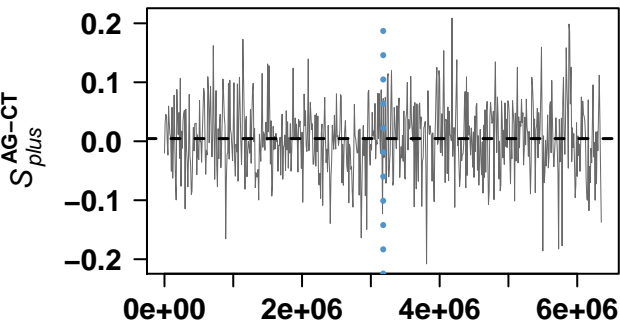


genome coordinates

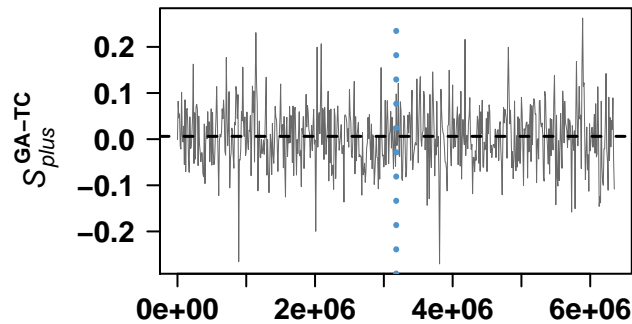


genome coordinates

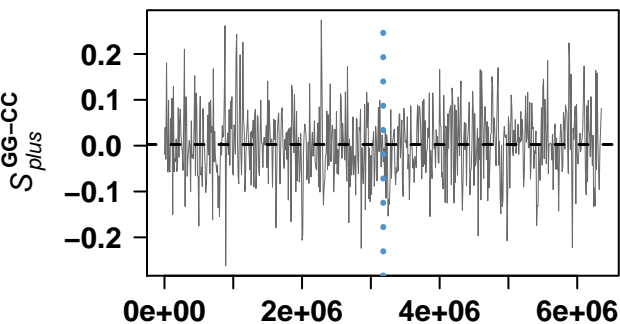
# Anabaena variabilis ATCC 29413



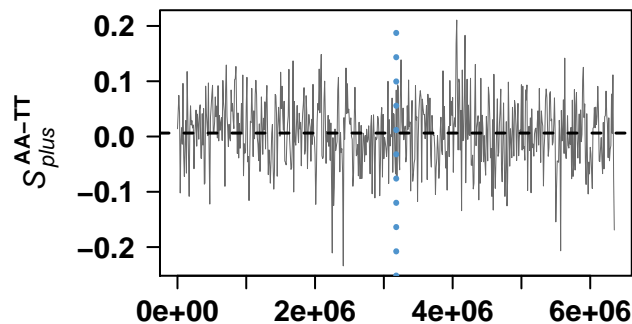
genome coordinates



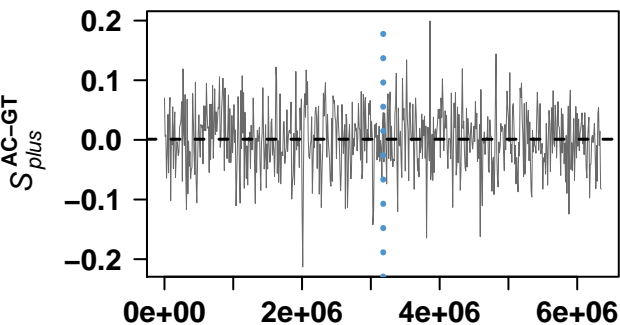
genome coordinates



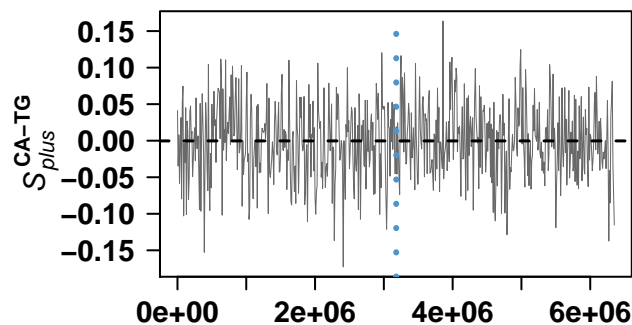
genome coordinates



genome coordinates

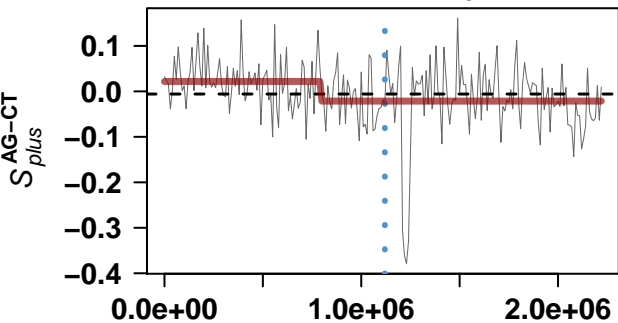


genome coordinates

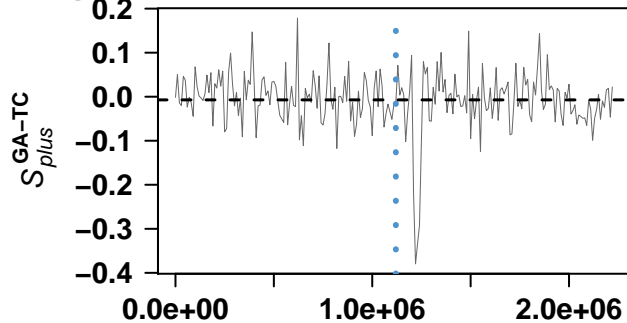


genome coordinates

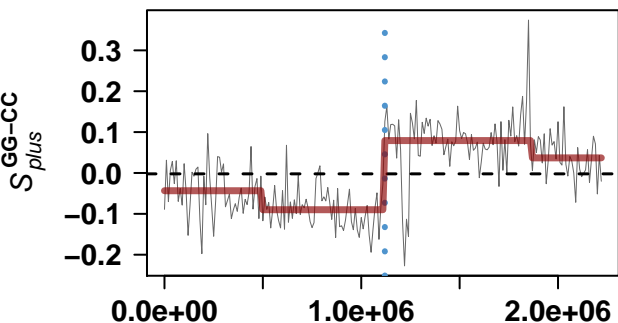
# Synechococcus sp. CC9902



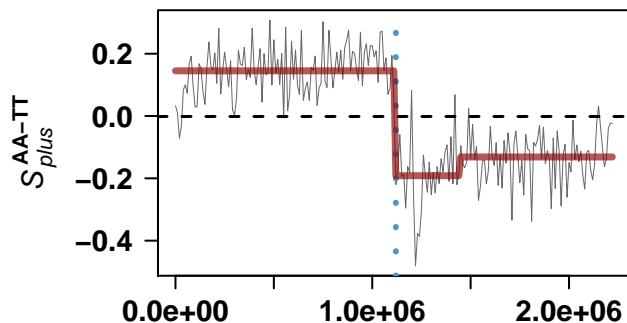
genome coordinates



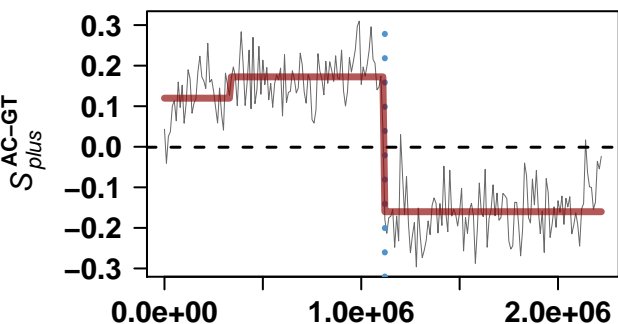
genome coordinates



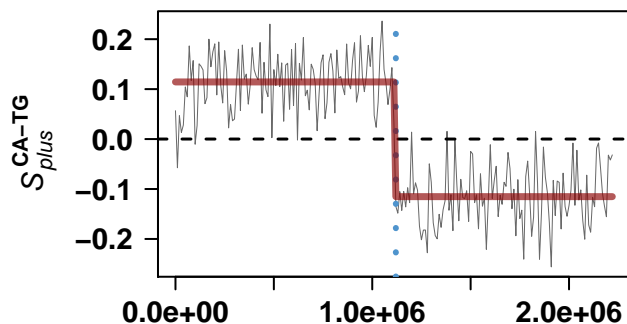
genome coordinates



genome coordinates

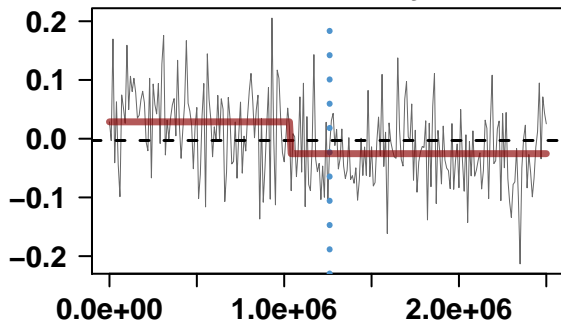


genome coordinates

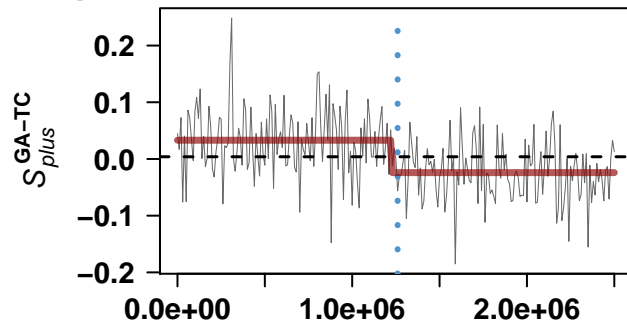


genome coordinates

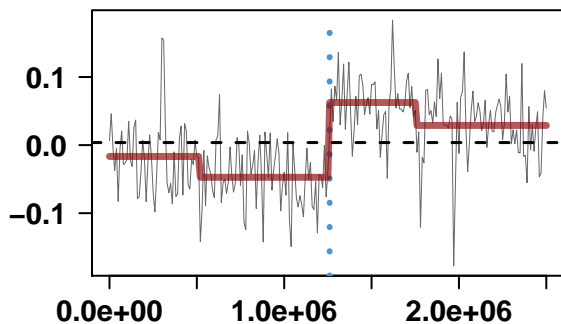
# Synechococcus sp. CC9605



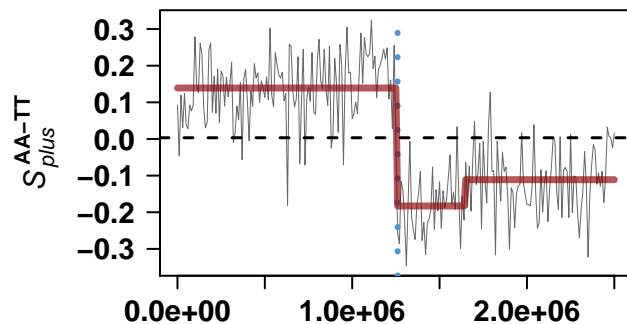
genome coordinates



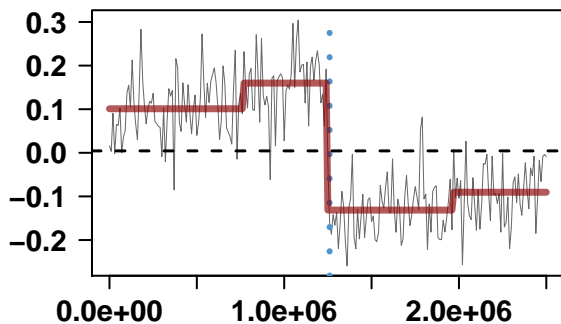
genome coordinates



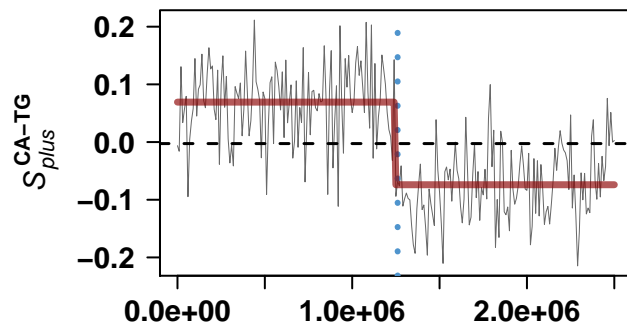
genome coordinates



genome coordinates

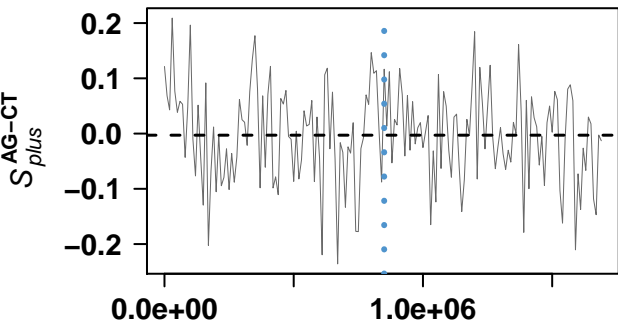


genome coordinates

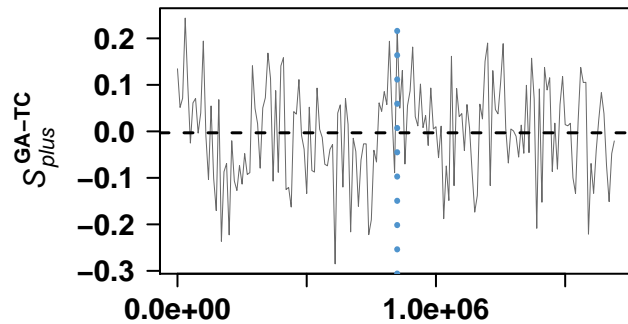


genome coordinates

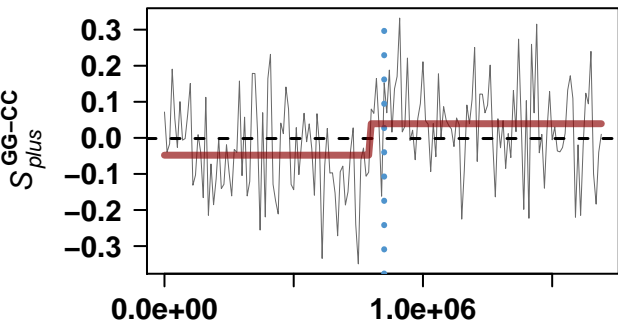
# Prochlorococcus marinus str. MIT 9312



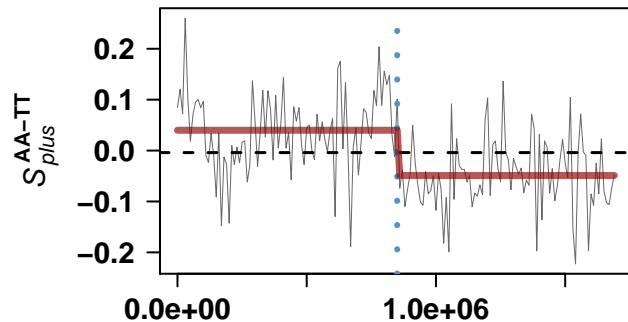
genome coordinates



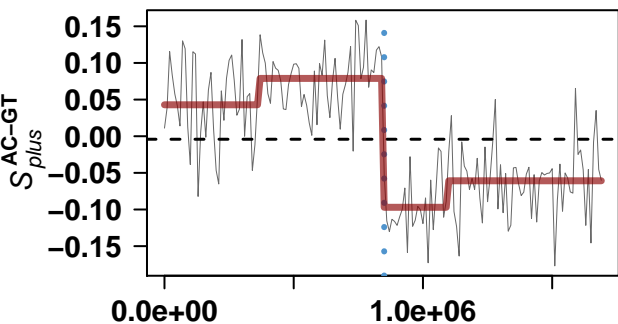
genome coordinates



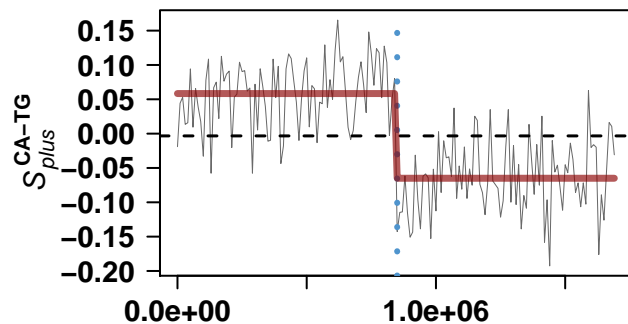
genome coordinates



genome coordinates

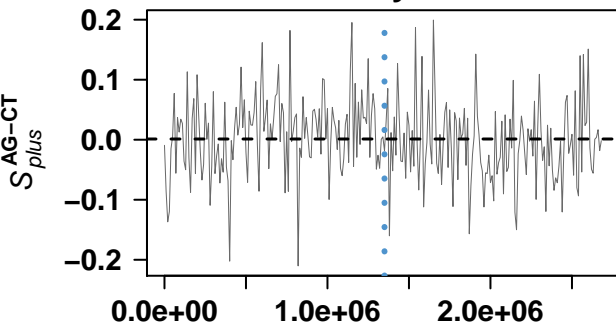


genome coordinates

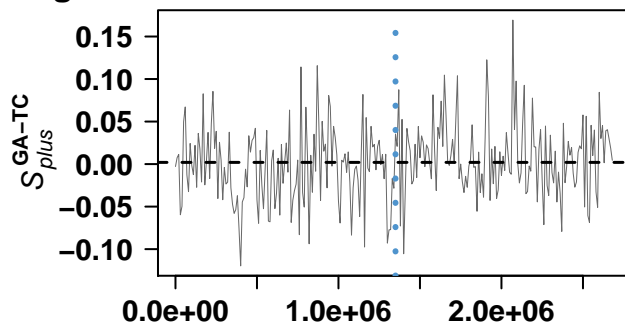


genome coordinates

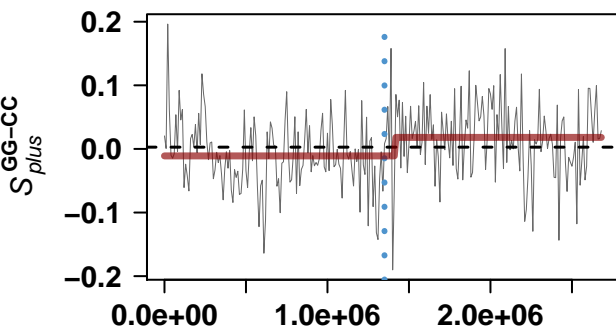
# Synechococcus elongatus PCC 7942



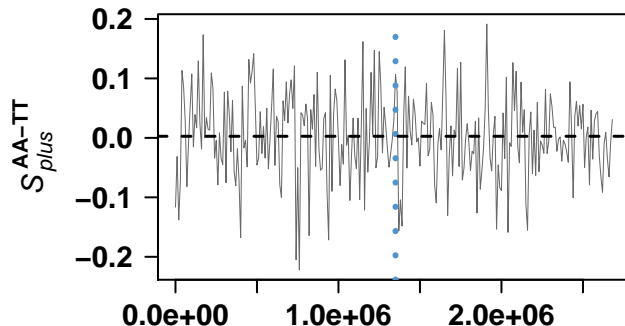
genome coordinates



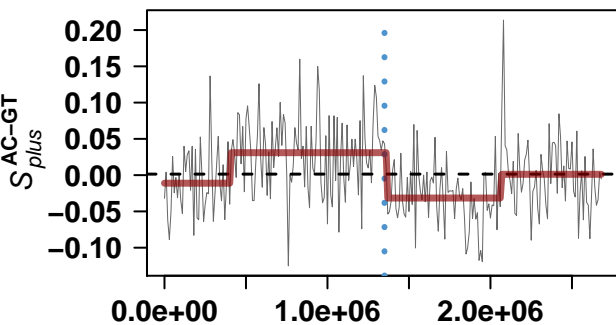
genome coordinates



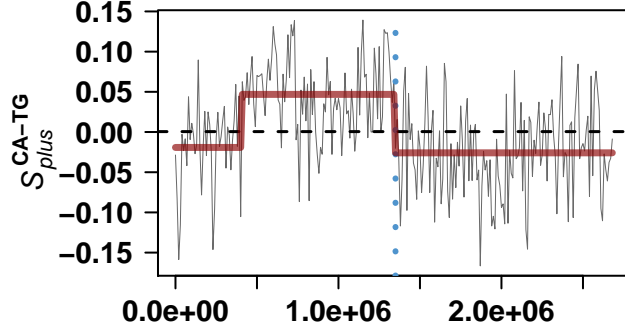
genome coordinates



genome coordinates

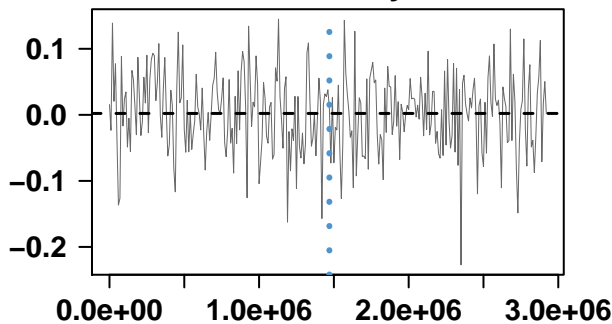


genome coordinates

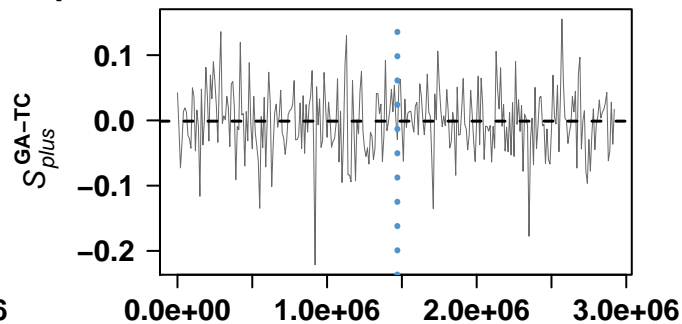


genome coordinates

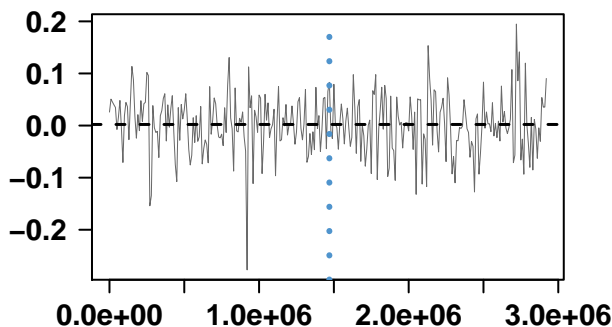
# Synechococcus sp. JA-3-3Ab



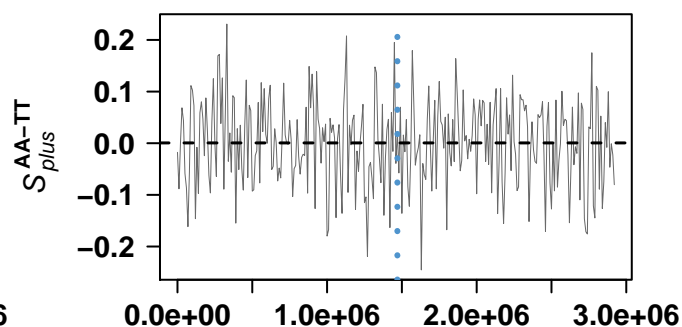
genome coordinates



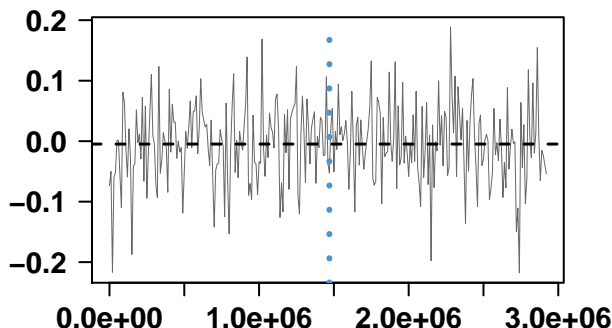
genome coordinates



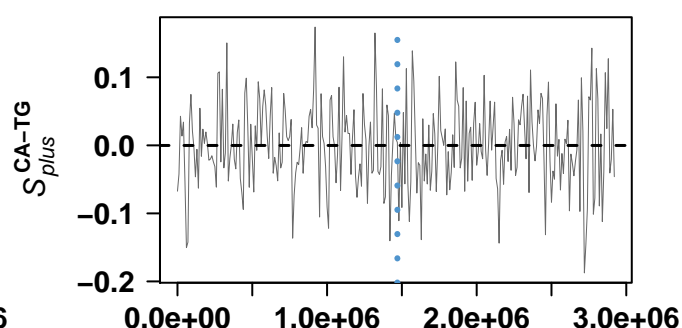
genome coordinates



genome coordinates

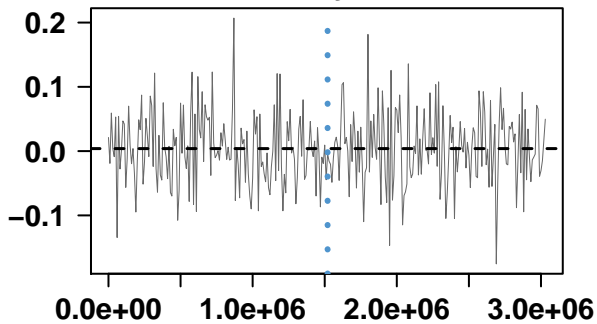


genome coordinates

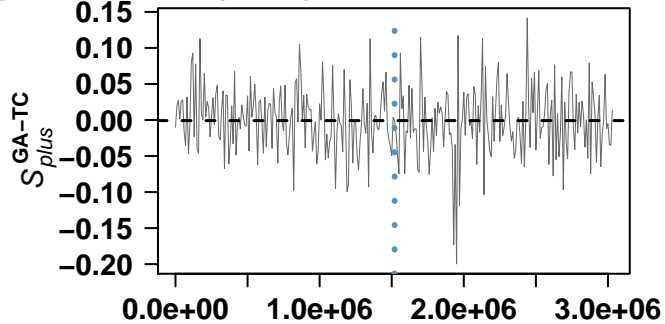


genome coordinates

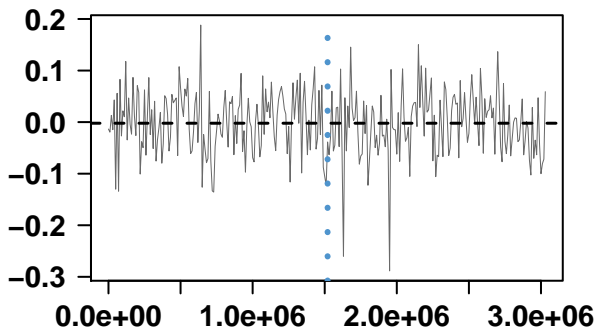
# Synechococcus sp. JA-2-3B'a(2-13)



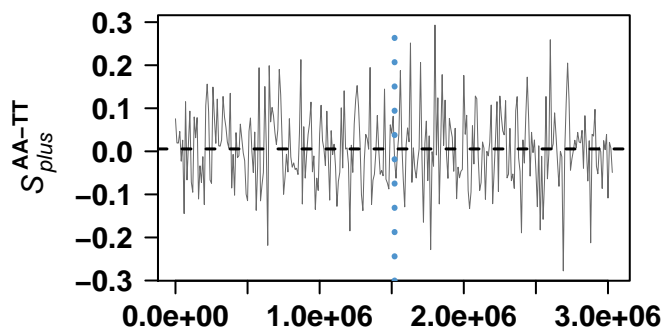
genome coordinates



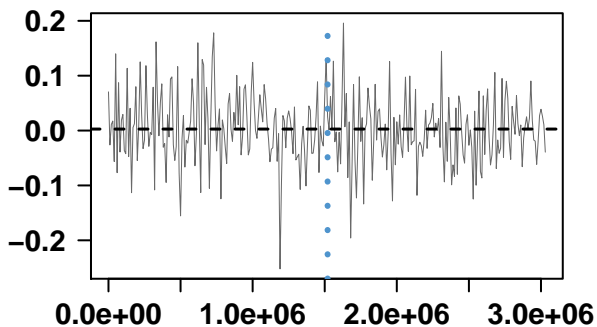
genome coordinates



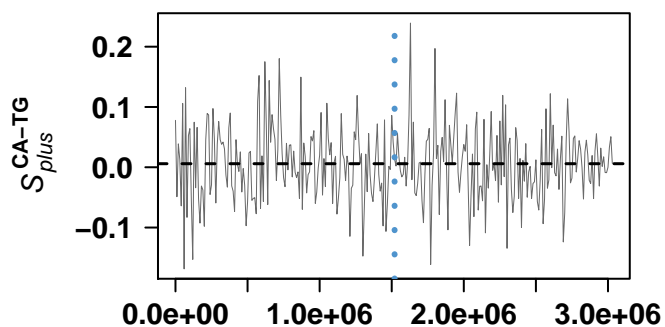
genome coordinates



genome coordinates

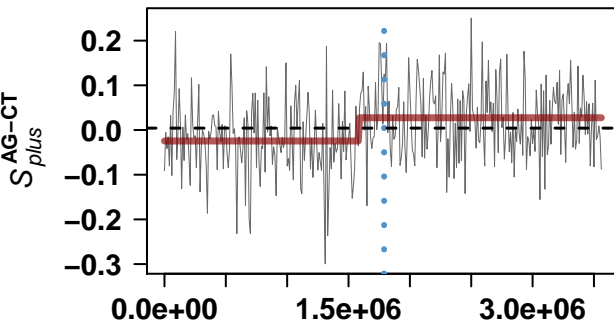


genome coordinates

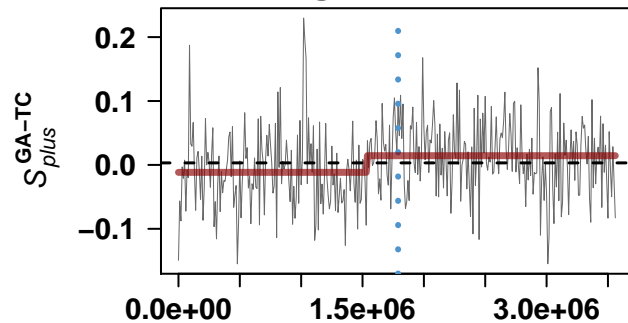


genome coordinates

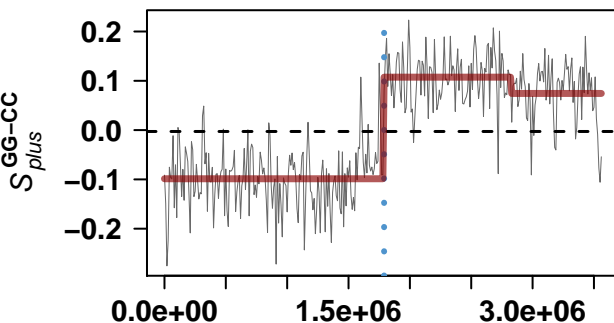
# Desulfovibrio vulgaris str. Hildenborough



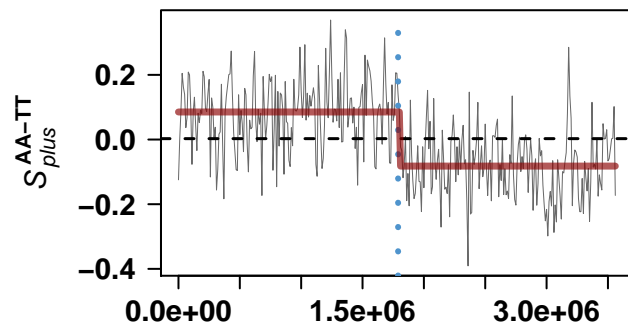
genome coordinates



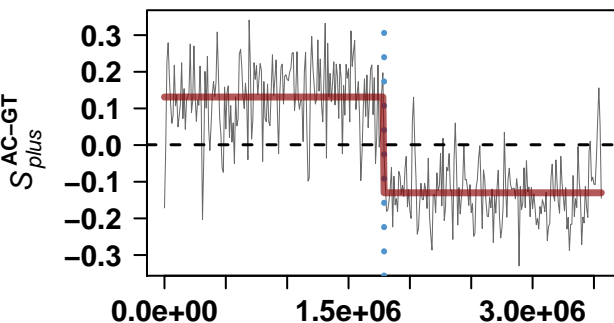
genome coordinates



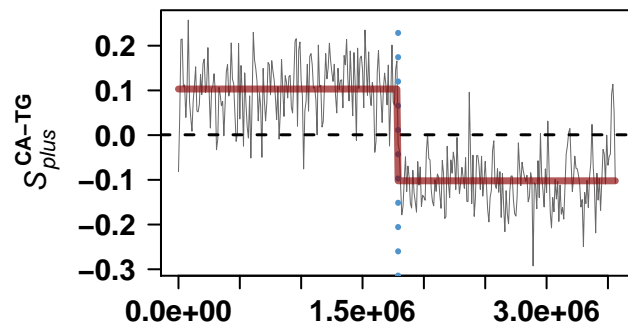
genome coordinates



genome coordinates

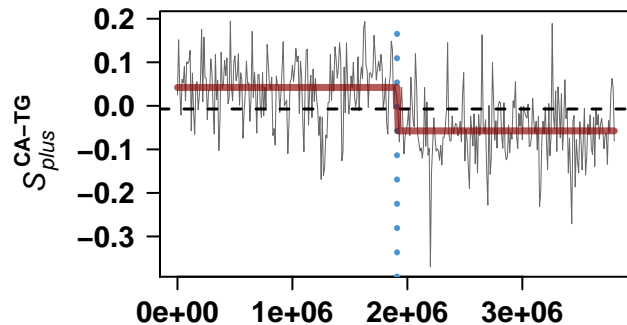
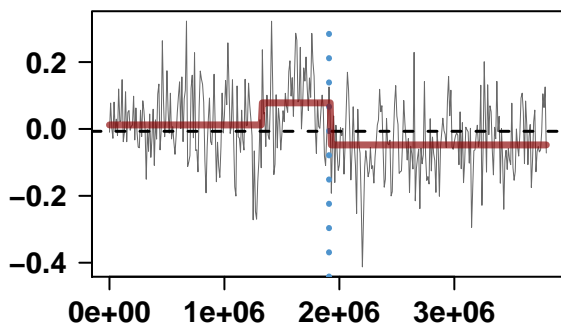
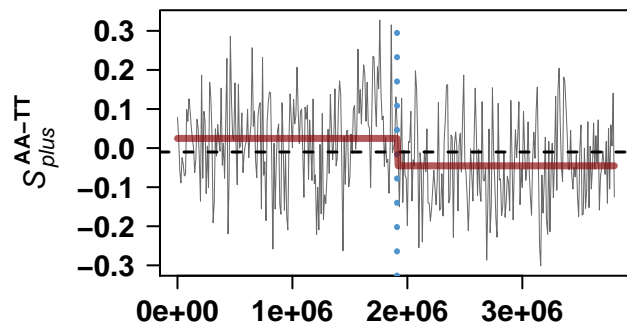
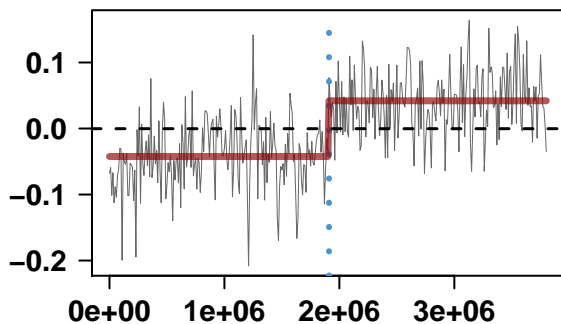
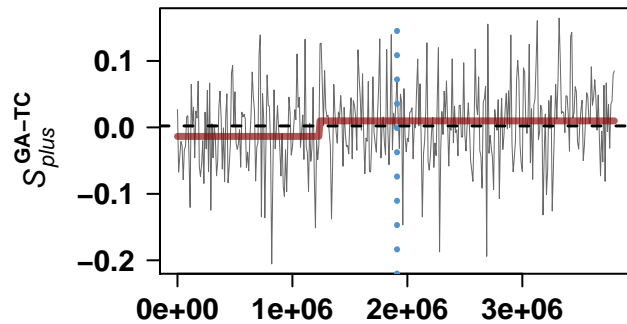
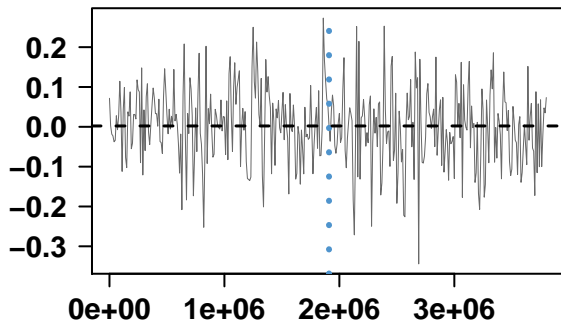


genome coordinates

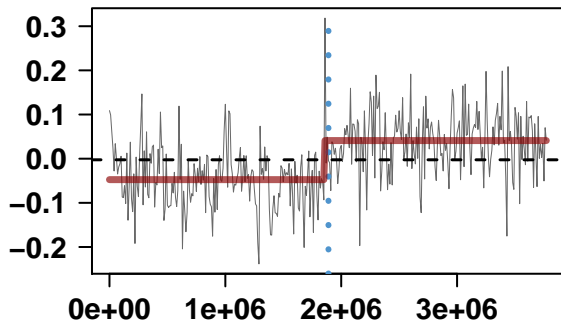


genome coordinates

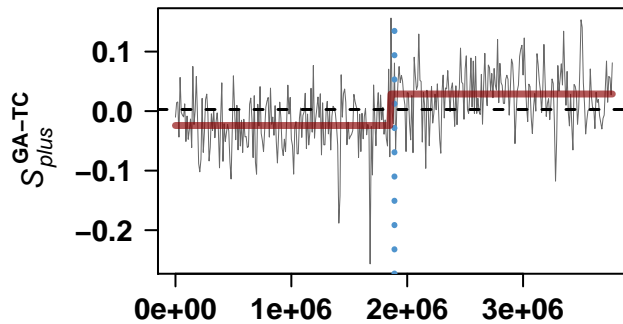
# Geobacter sulfurreducens PCA



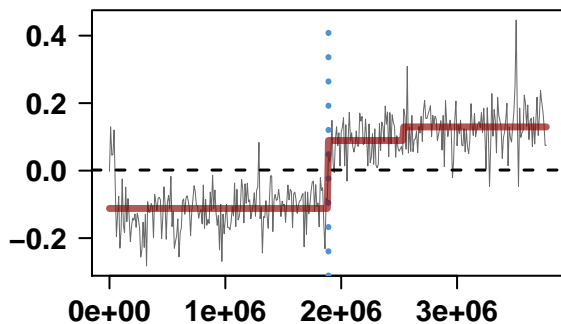
# Bdellovibrio bacteriovorus HD100



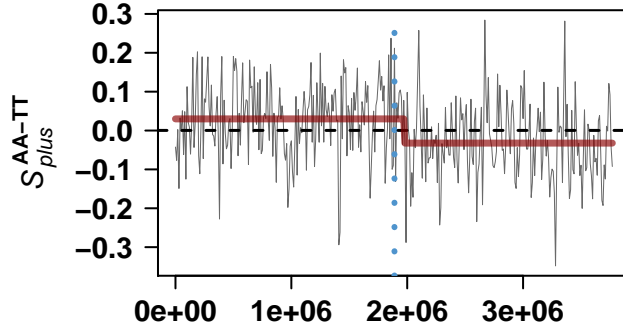
genome coordinates



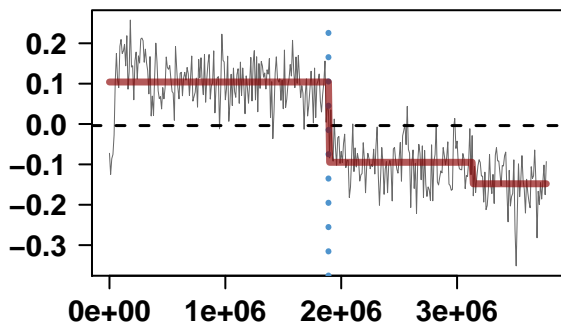
genome coordinates



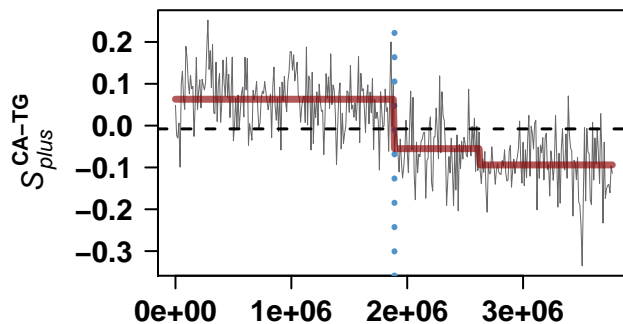
genome coordinates



genome coordinates

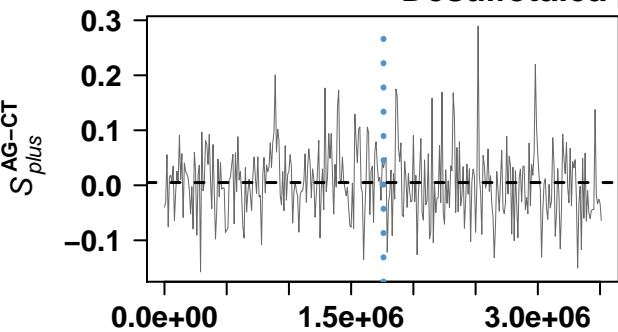


genome coordinates

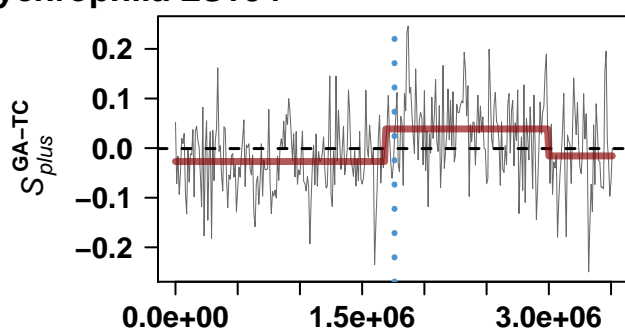


genome coordinates

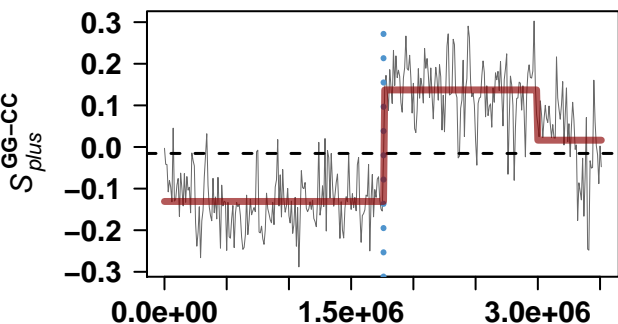
# Desulfotalea psychrophila LSv54



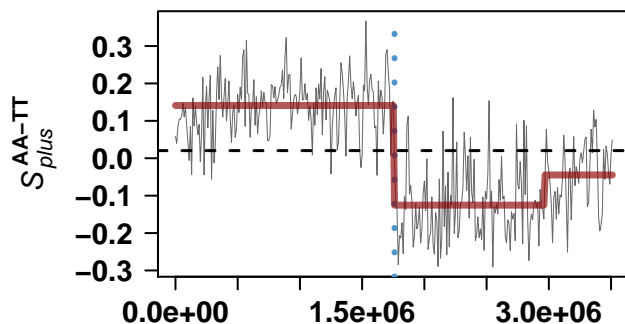
genome coordinates



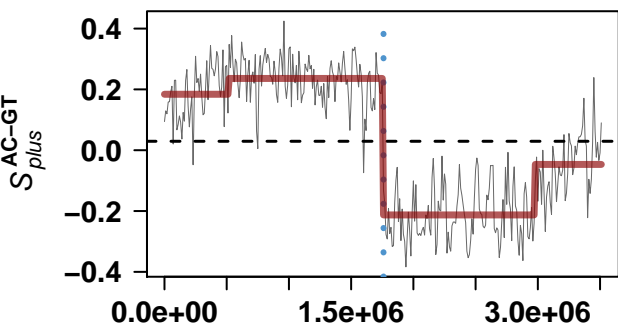
genome coordinates



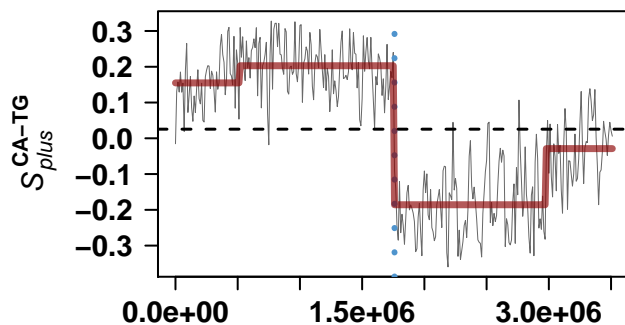
genome coordinates



genome coordinates

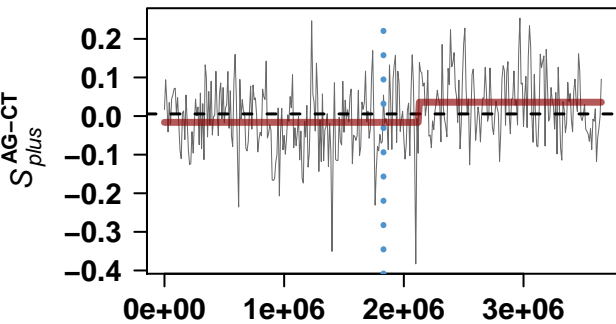


genome coordinates

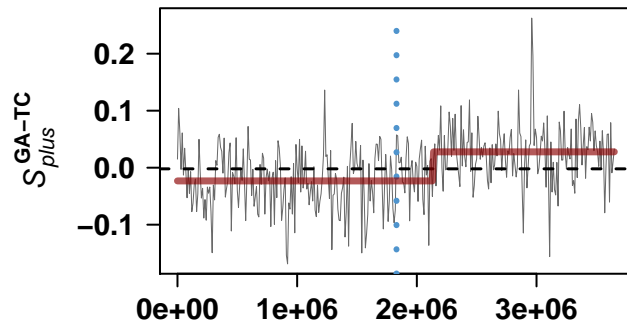


genome coordinates

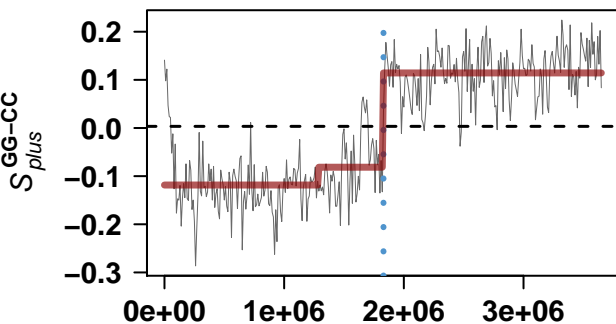
# Pelobacter carbinolicus DSM 2380



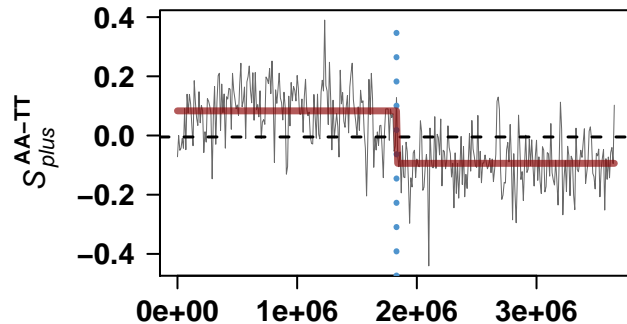
genome coordinates



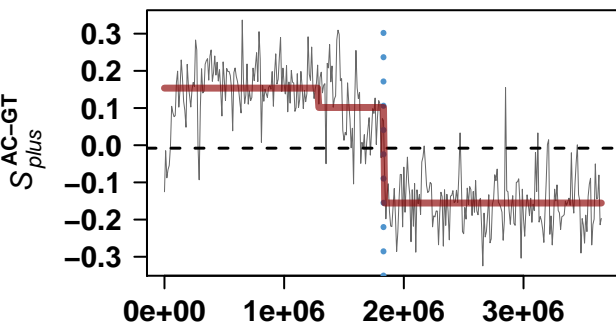
genome coordinates



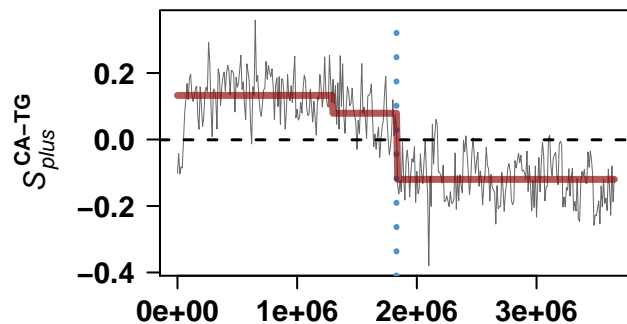
genome coordinates



genome coordinates

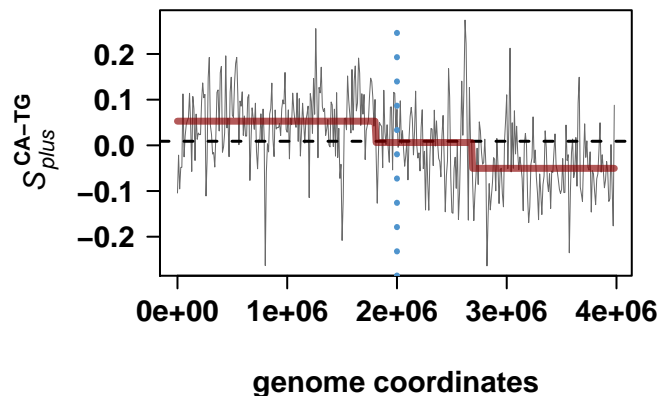
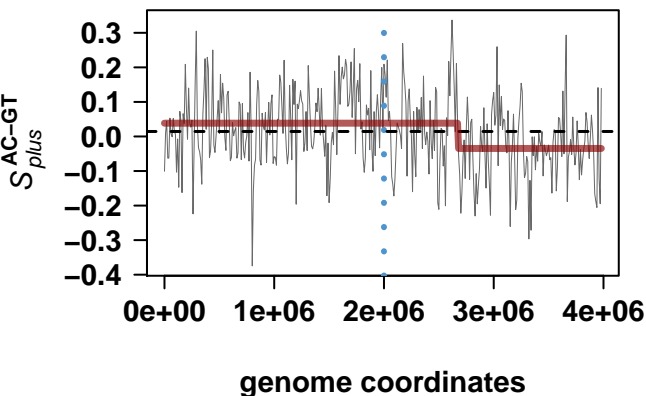
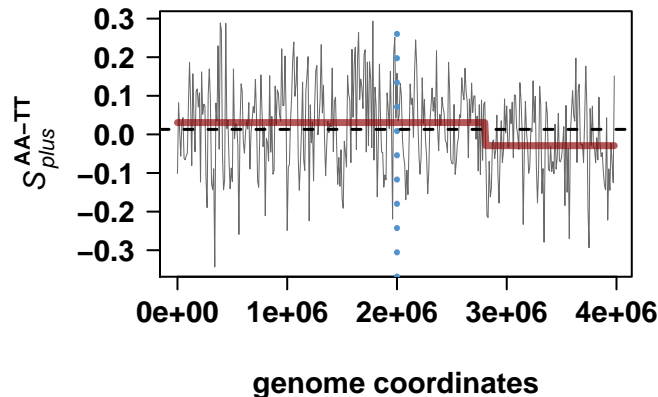
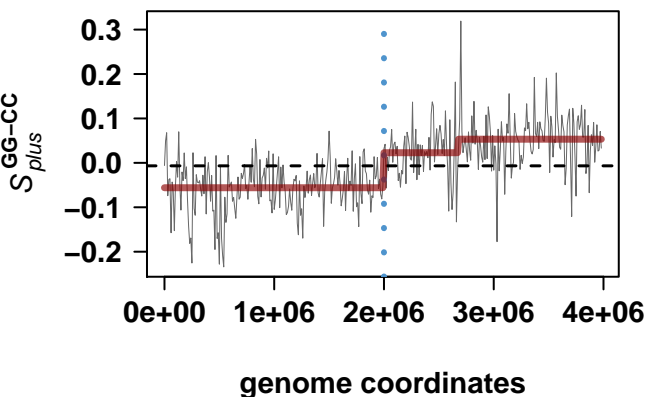
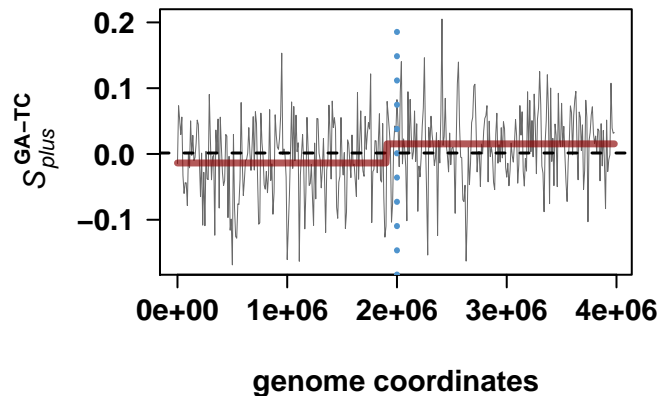
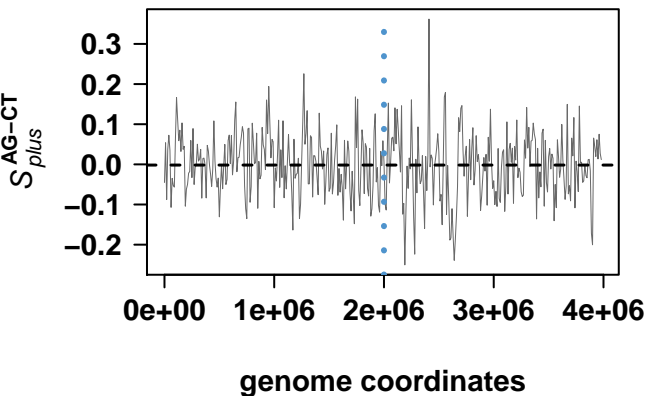


genome coordinates

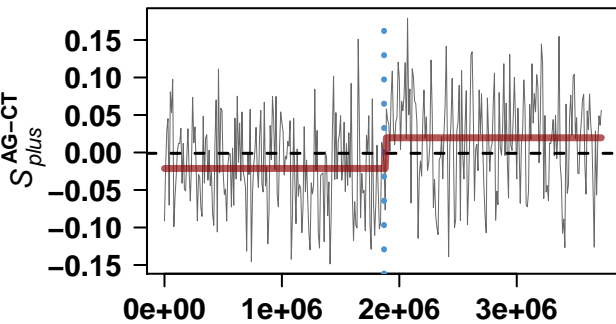


genome coordinates

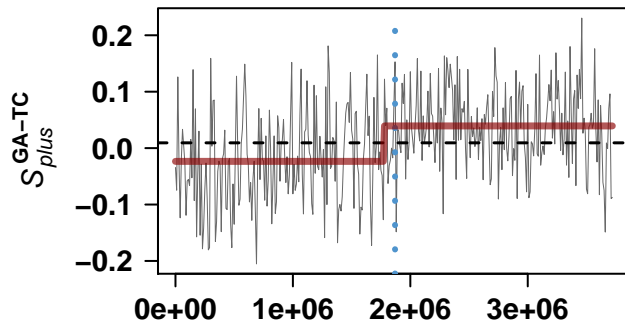
# Geobacter metallireducens GS-15



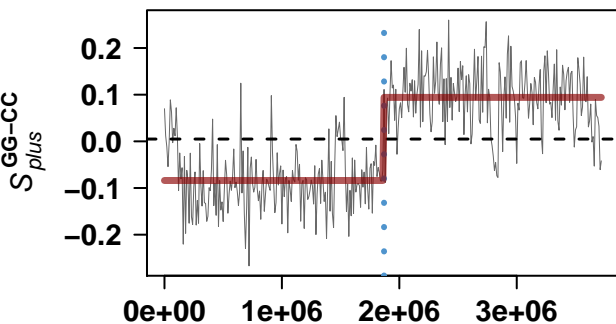
# Desulfovibrio alaskensis G20



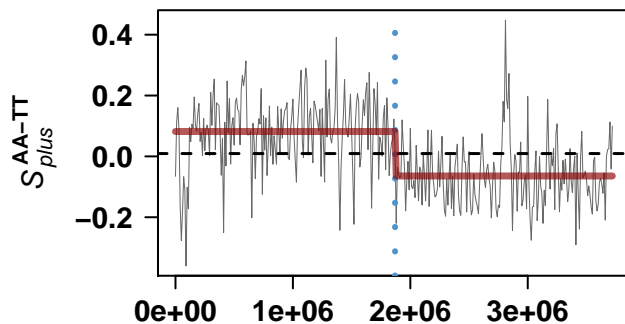
genome coordinates



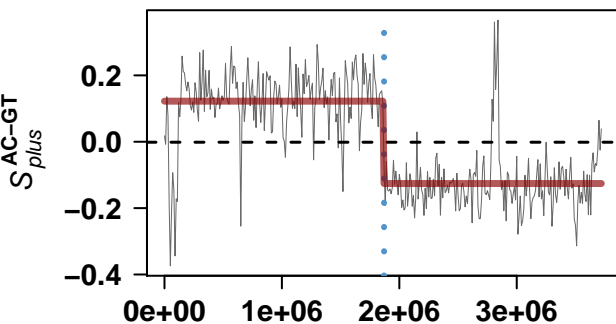
genome coordinates



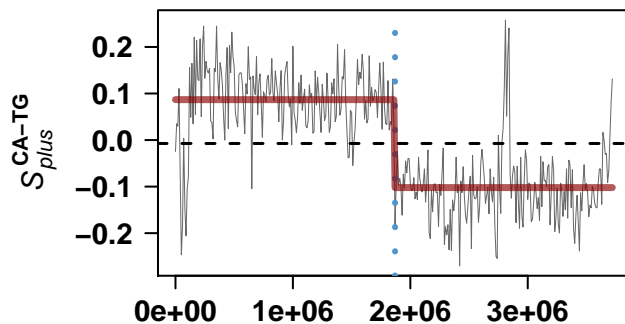
genome coordinates



genome coordinates

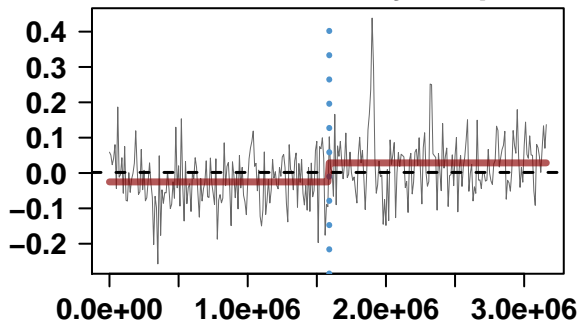


genome coordinates

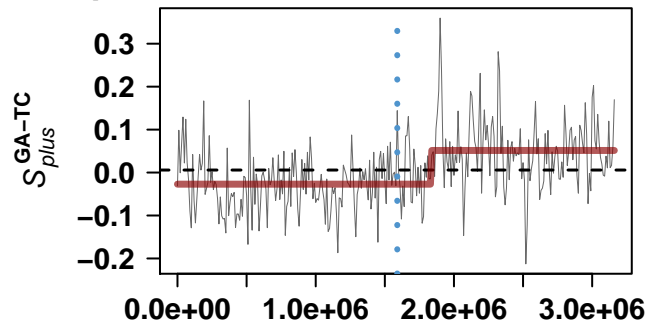


genome coordinates

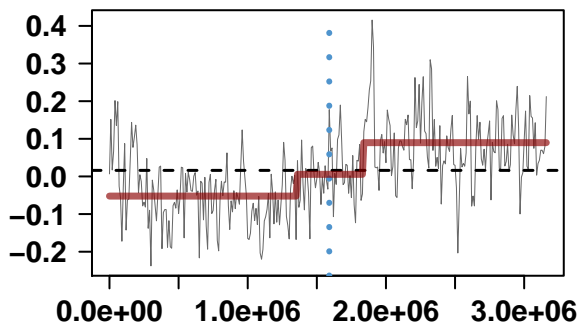
# Syntrophus aciditrophicus SB



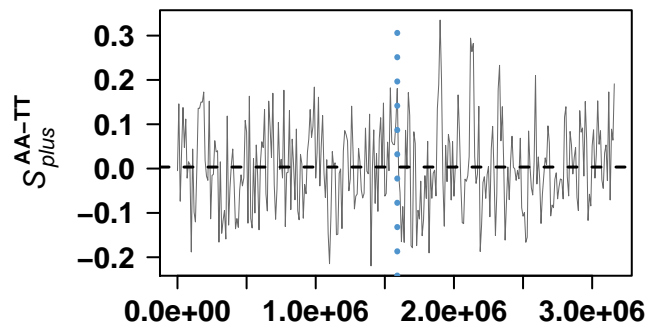
genome coordinates



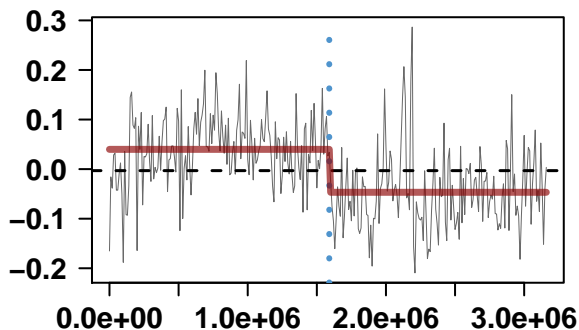
genome coordinates



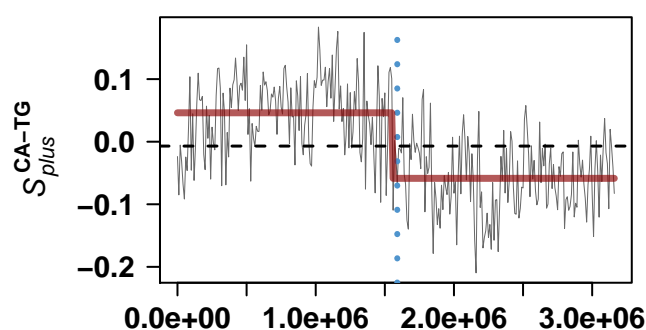
genome coordinates



genome coordinates

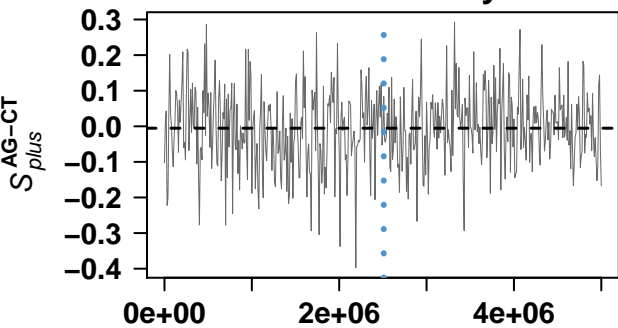


genome coordinates

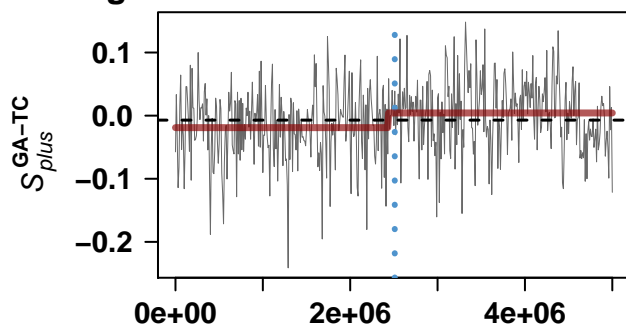


genome coordinates

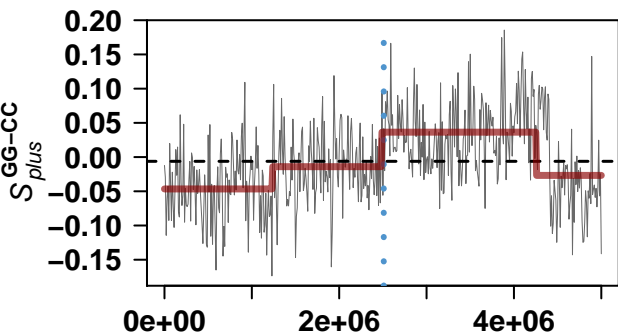
# Anaeromyxobacter dehalogenans 2CP-C



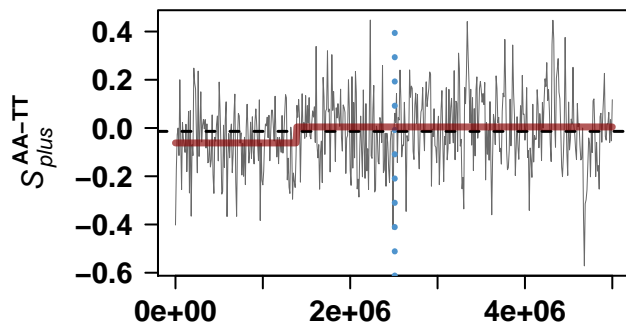
genome coordinates



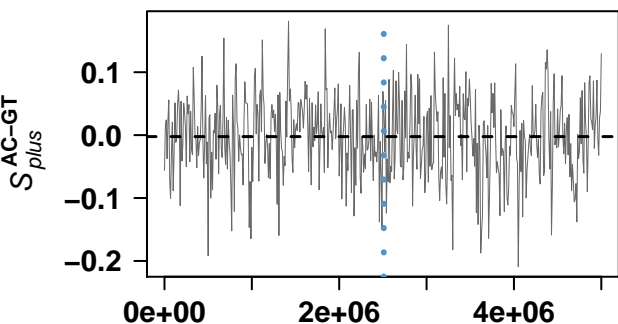
genome coordinates



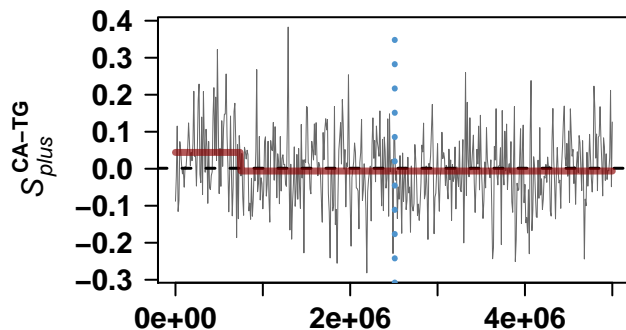
genome coordinates



genome coordinates

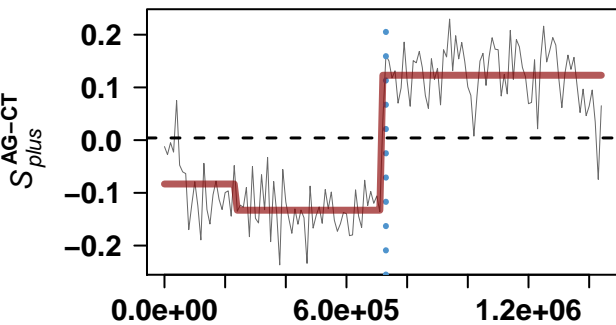


genome coordinates

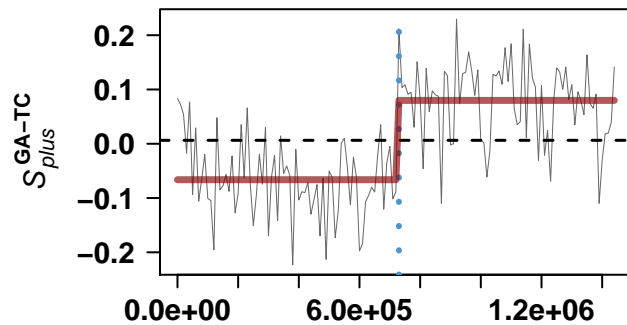


genome coordinates

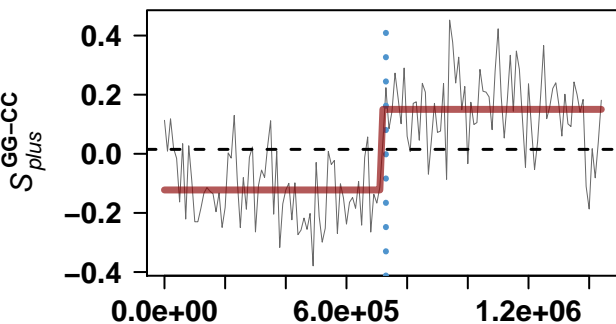
# Lawsonia intracellularis PHE/MN1-00



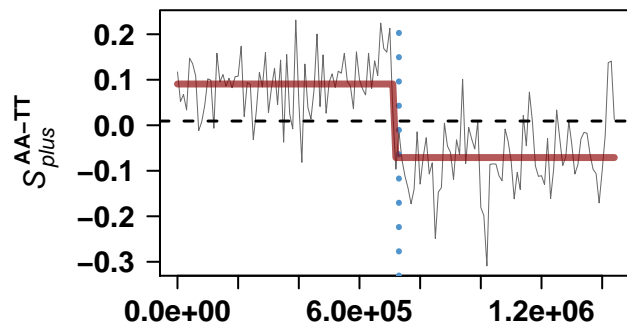
genome coordinates



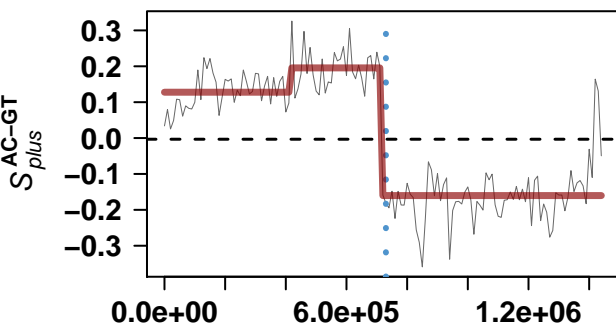
genome coordinates



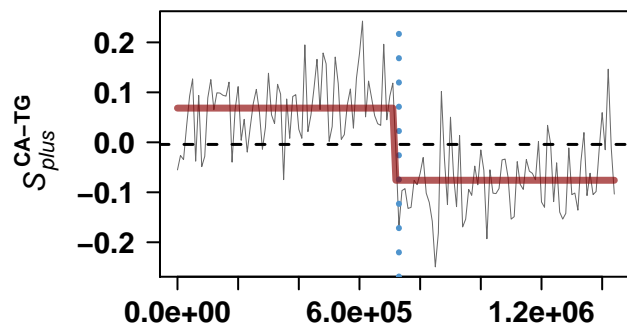
genome coordinates



genome coordinates

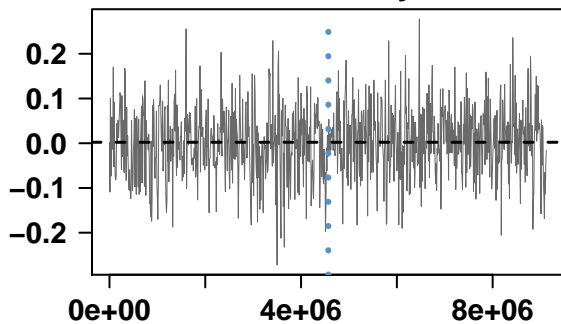


genome coordinates

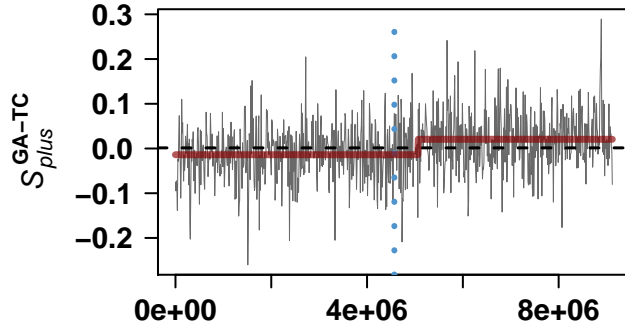


genome coordinates

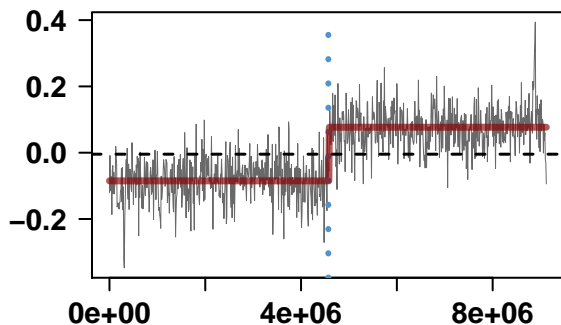
# Myxococcus xanthus DK 1622



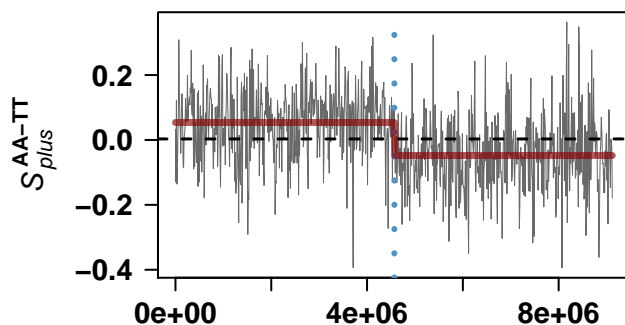
genome coordinates



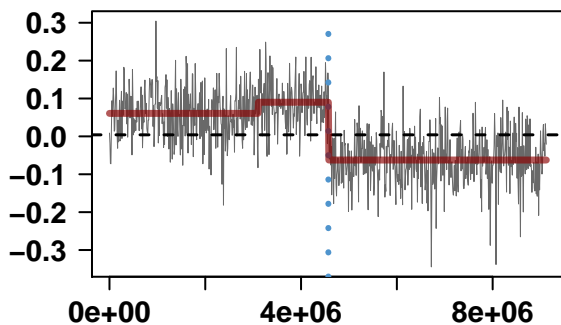
genome coordinates



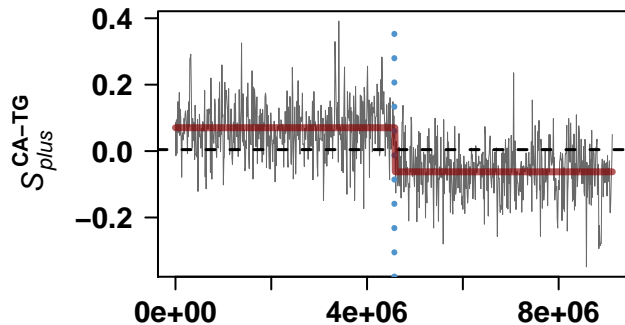
genome coordinates



genome coordinates

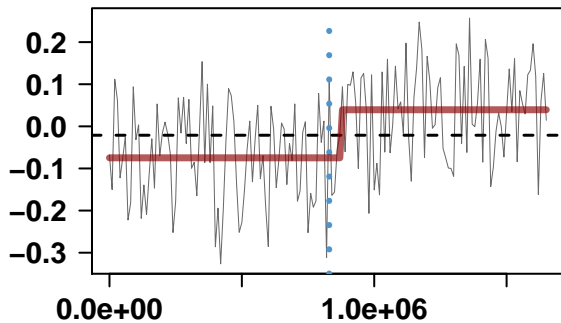


genome coordinates

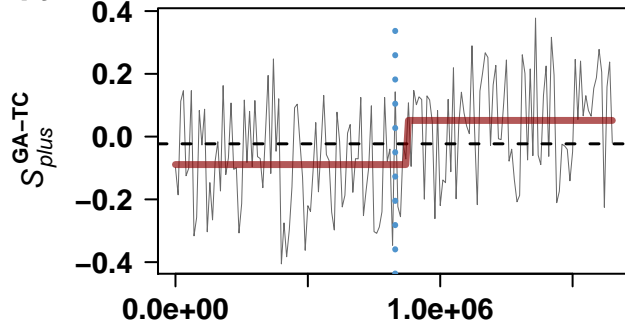


genome coordinates

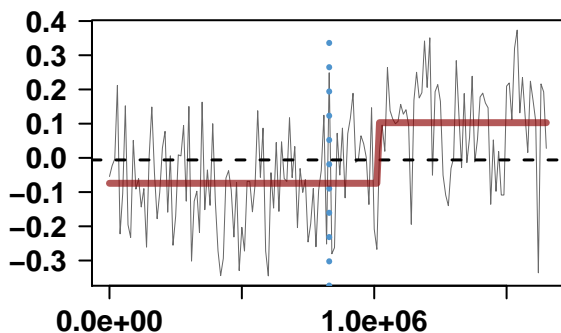
# Helicobacter pylori 26695



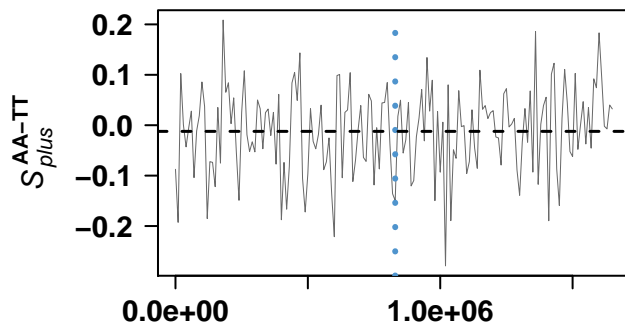
genome coordinates



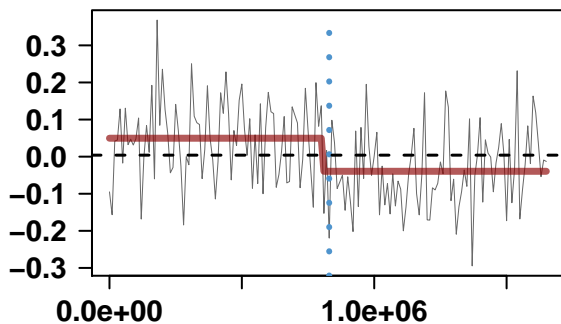
genome coordinates



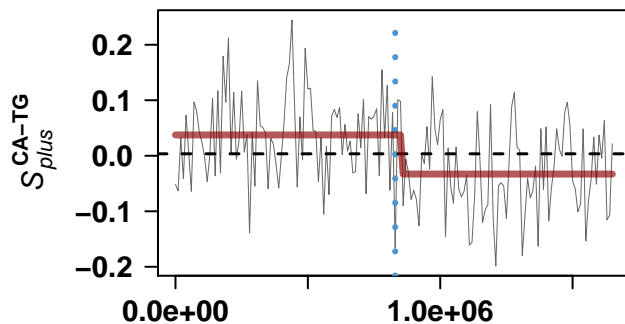
genome coordinates



genome coordinates

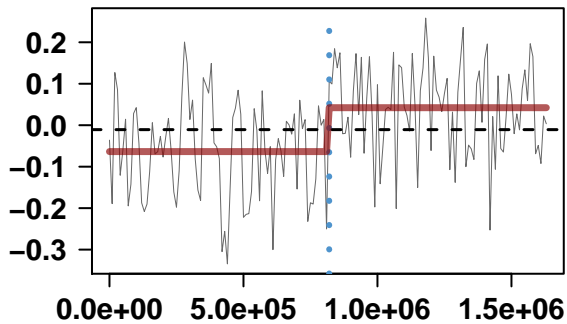


genome coordinates

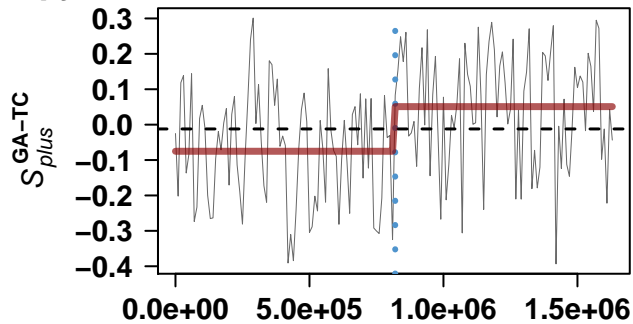


genome coordinates

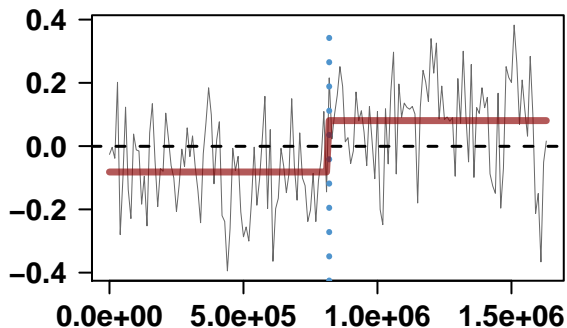
# Helicobacter pylori J99



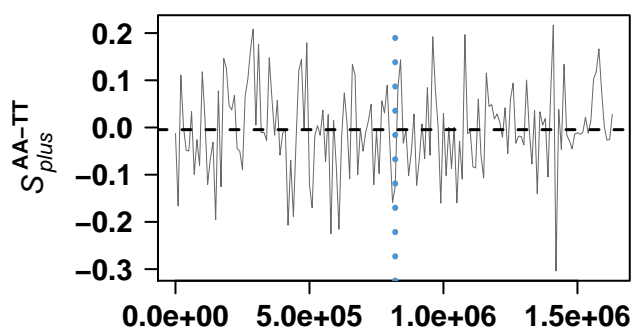
genome coordinates



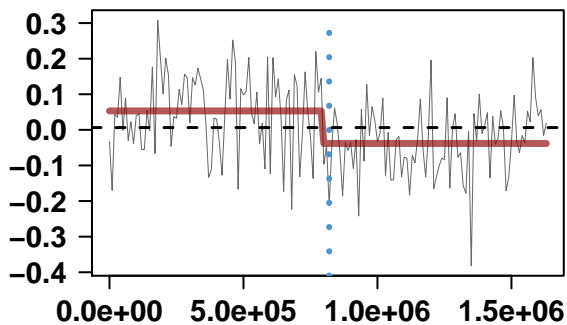
genome coordinates



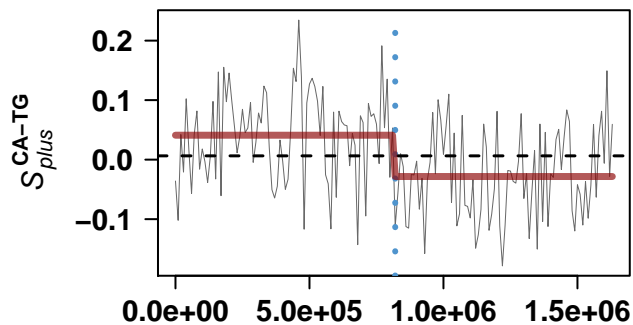
genome coordinates



genome coordinates

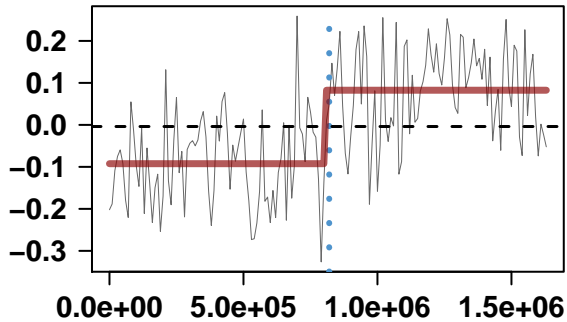


genome coordinates

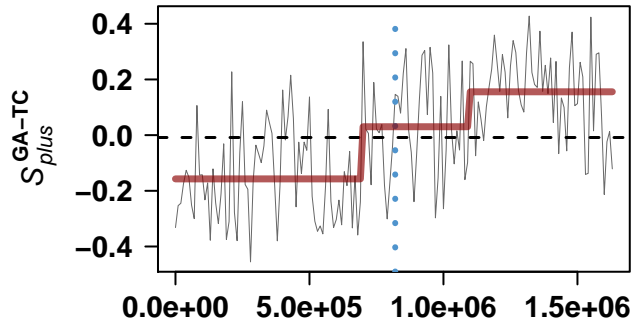


genome coordinates

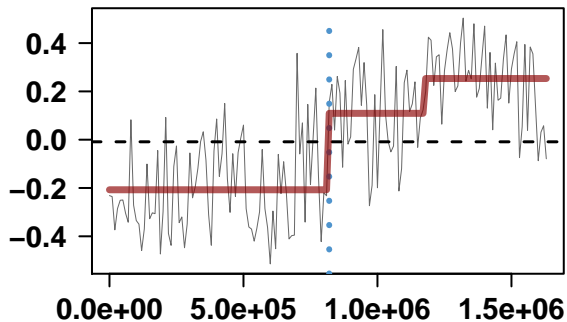
# Campylobacter jejuni subsp. jejuni NCTC 11168 = ATCC 700819



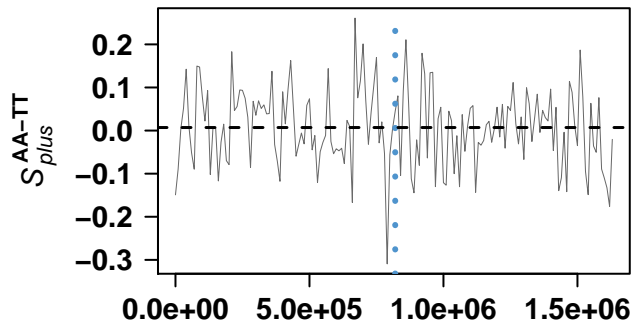
genome coordinates



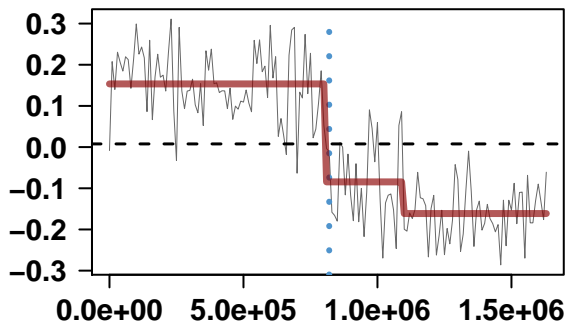
genome coordinates



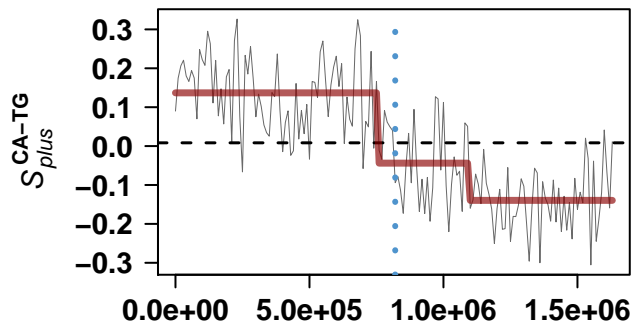
genome coordinates



genome coordinates

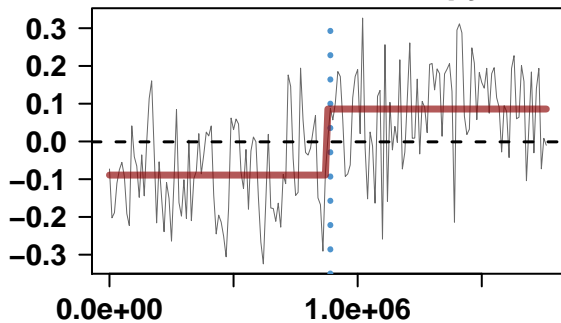


genome coordinates

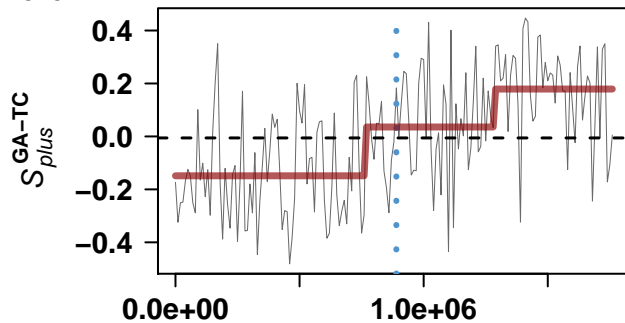


genome coordinates

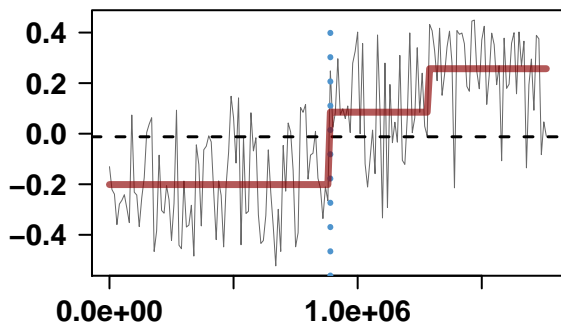
# Campylobacter jejuni RM1221



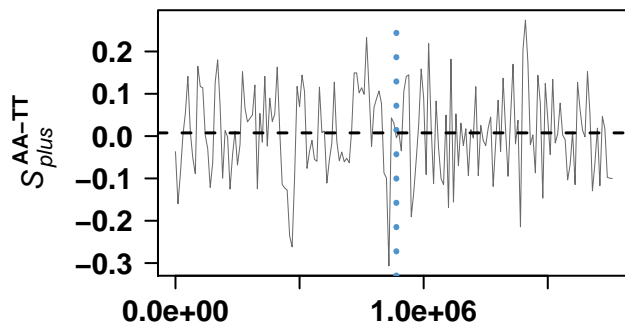
genome coordinates



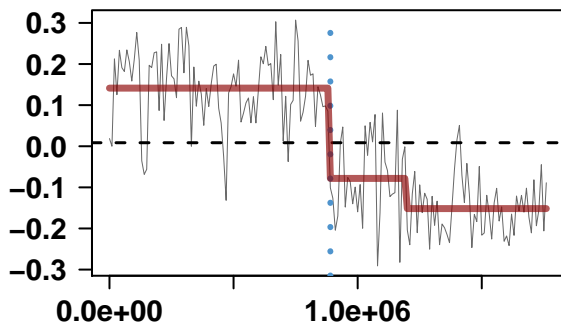
genome coordinates



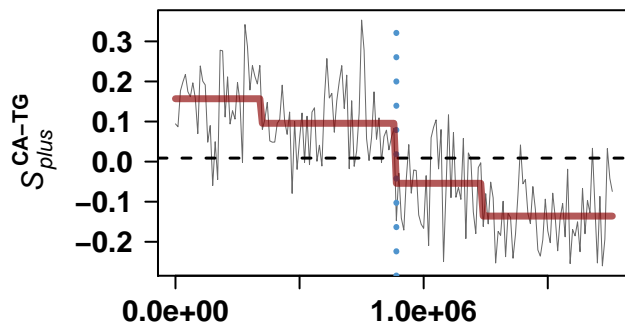
genome coordinates



genome coordinates

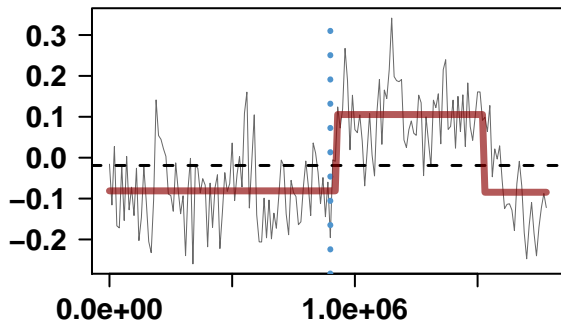


genome coordinates

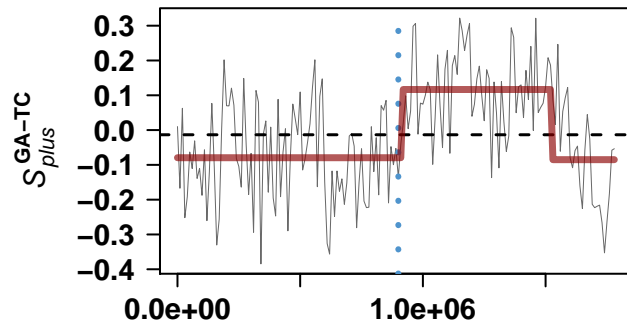


genome coordinates

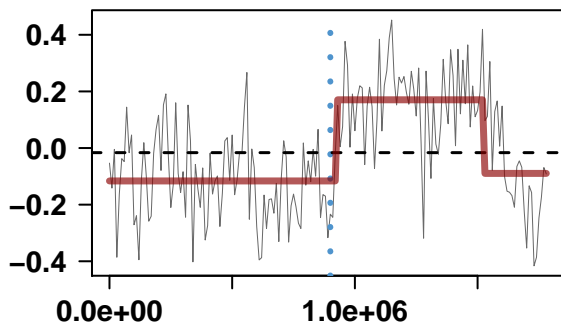
# Helicobacter hepaticus ATCC 51449



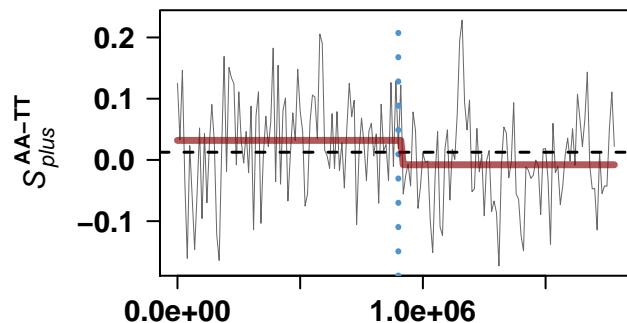
genome coordinates



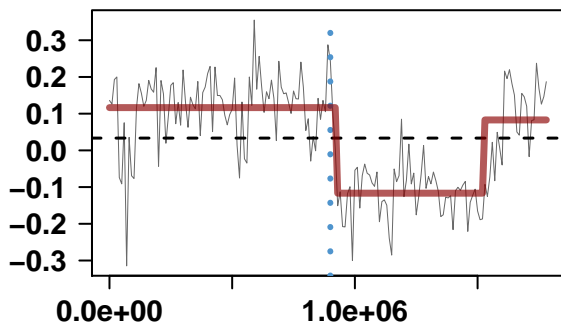
genome coordinates



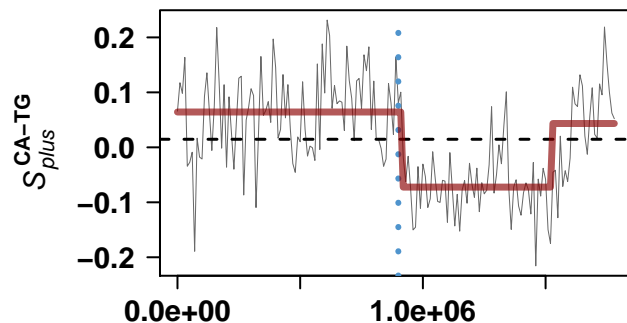
genome coordinates



genome coordinates

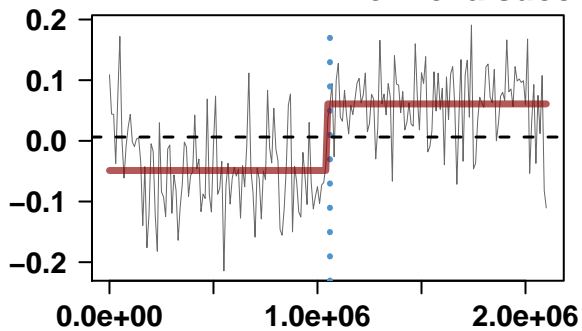


genome coordinates

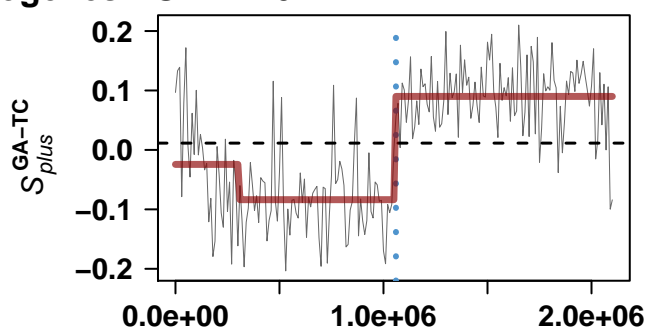


genome coordinates

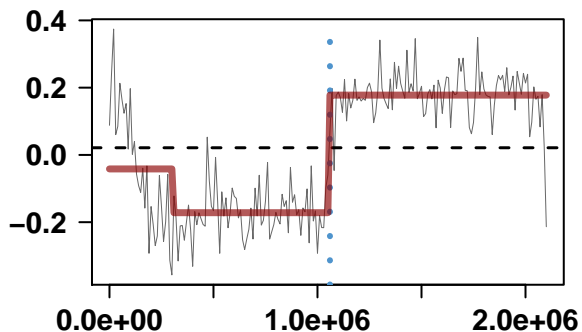
# Wolinella succinogenes DSM 1740



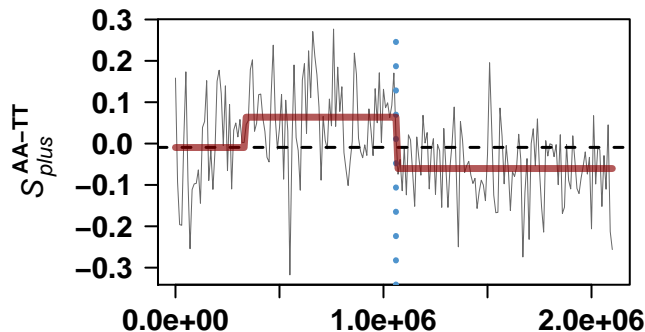
genome coordinates



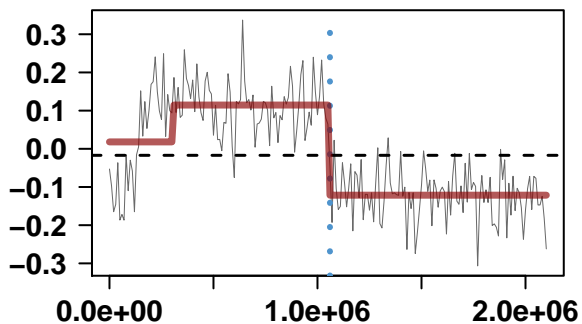
genome coordinates



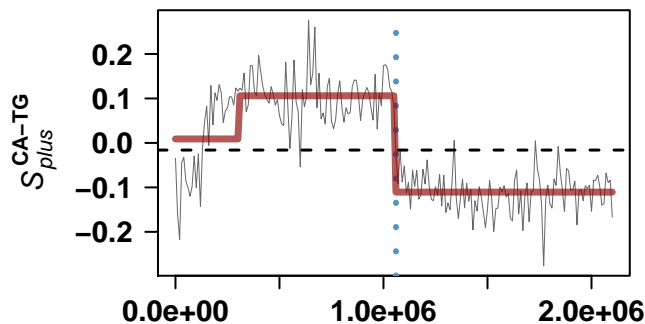
genome coordinates



genome coordinates

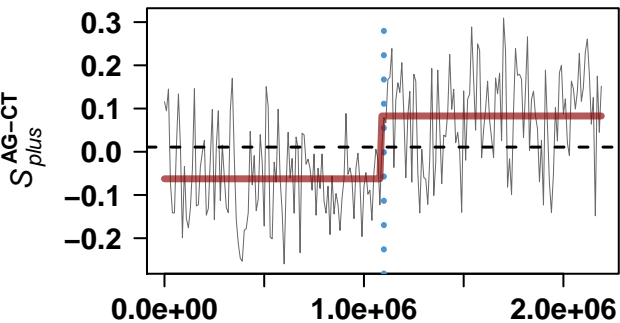


genome coordinates

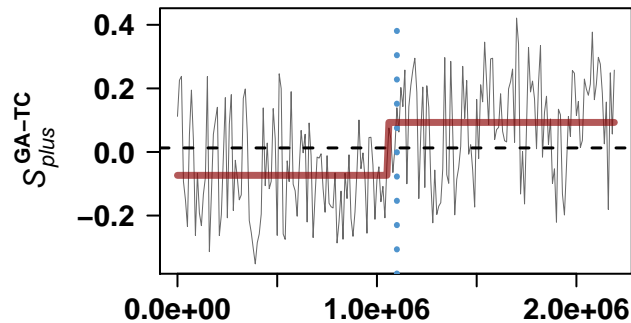


genome coordinates

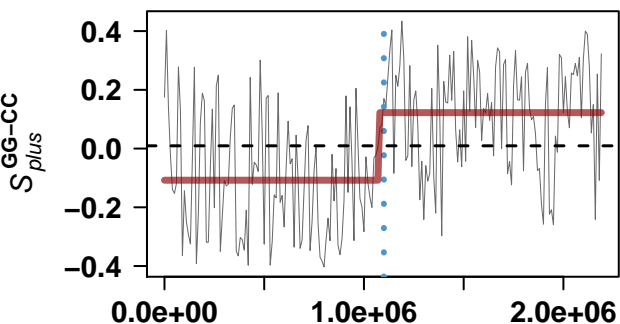
# Sulfurimonas denitrificans DSM 1251



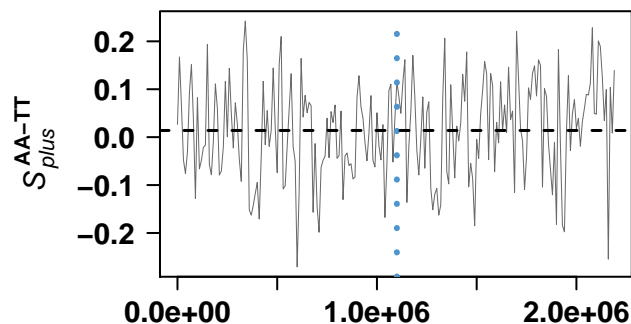
genome coordinates



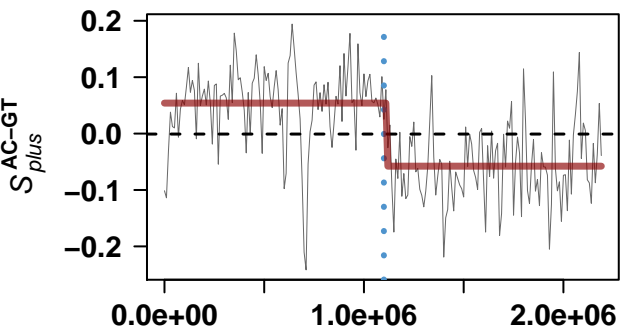
genome coordinates



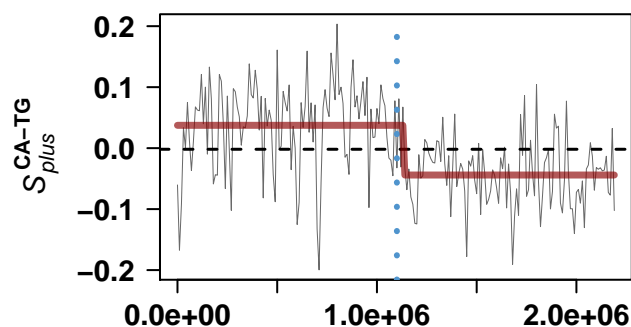
genome coordinates



genome coordinates

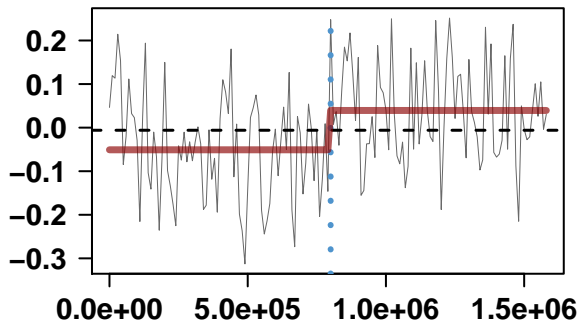


genome coordinates

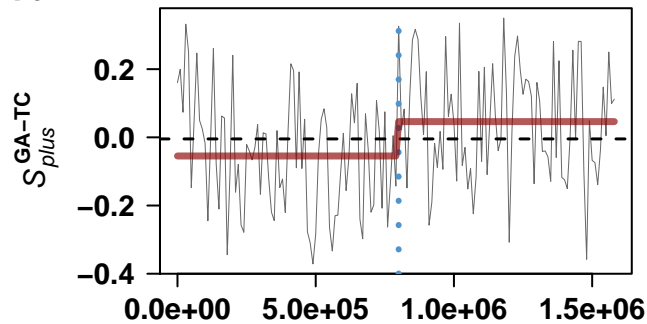


genome coordinates

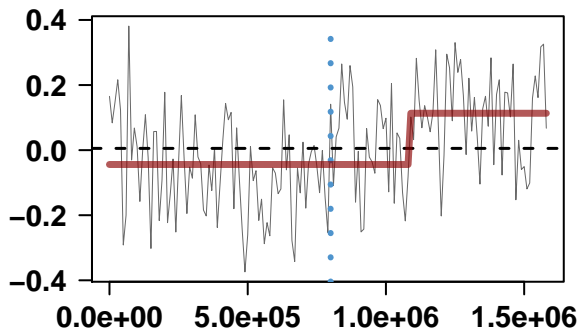
# Helicobacter pylori HPAG1



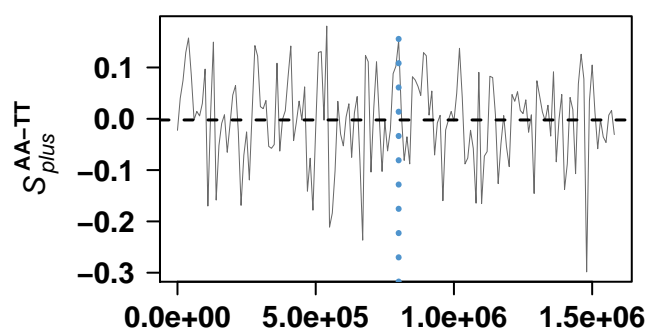
genome coordinates



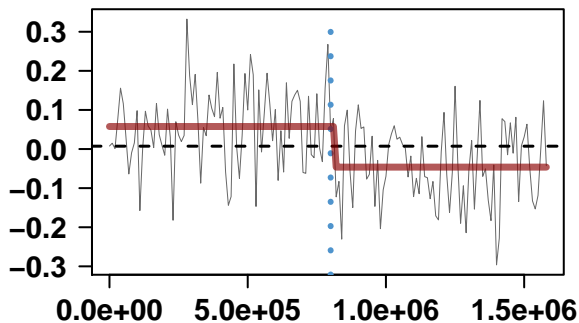
genome coordinates



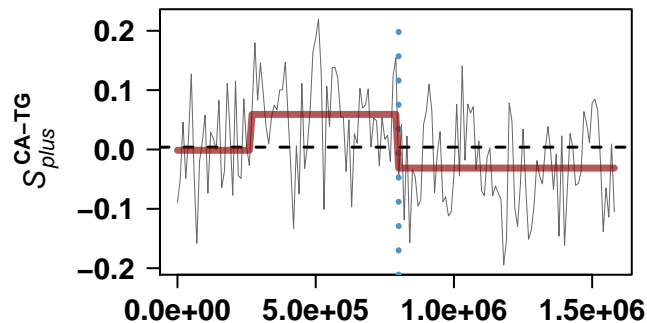
genome coordinates



genome coordinates

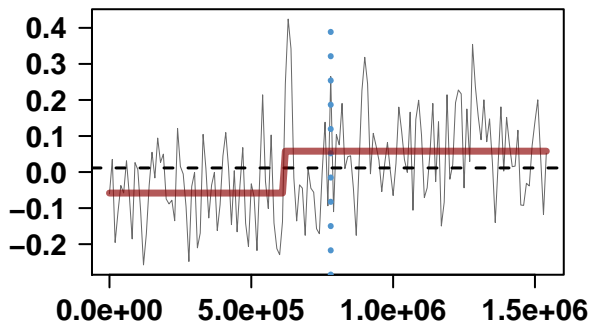


genome coordinates

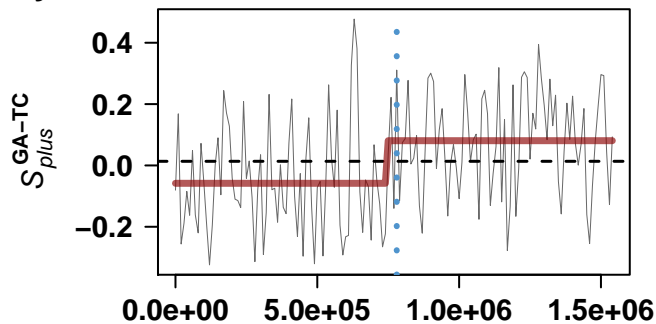


genome coordinates

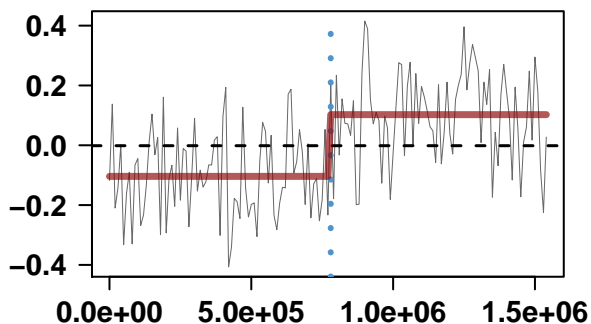
# Helicobacter acinonychis str. Sheeba



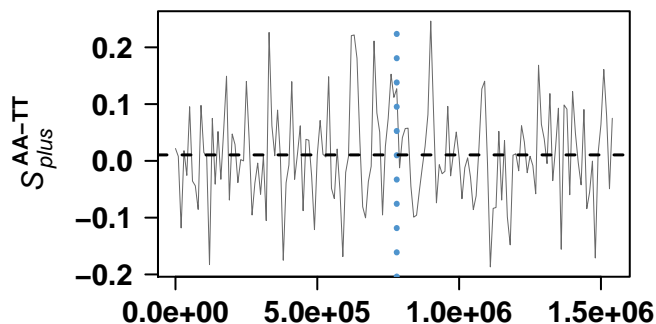
genome coordinates



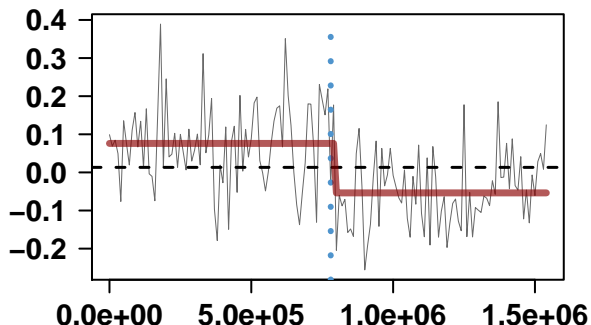
genome coordinates



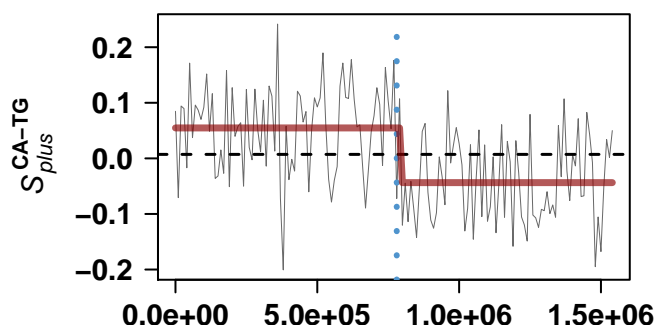
genome coordinates



genome coordinates

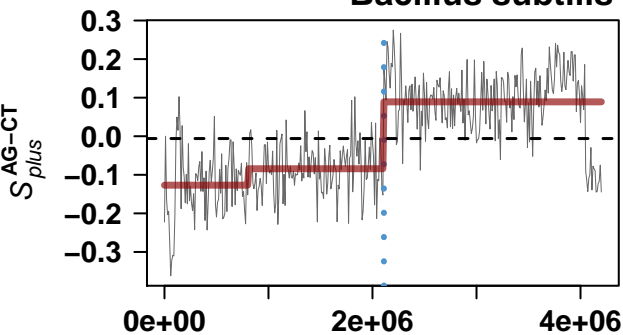


genome coordinates

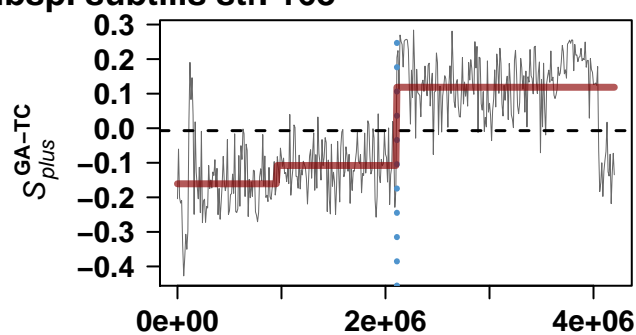


genome coordinates

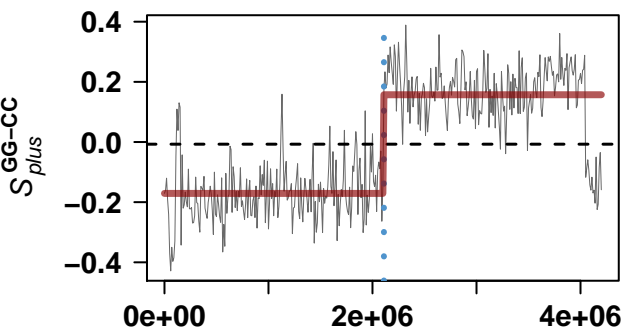
# Bacillus subtilis subsp. subtilis str. 168



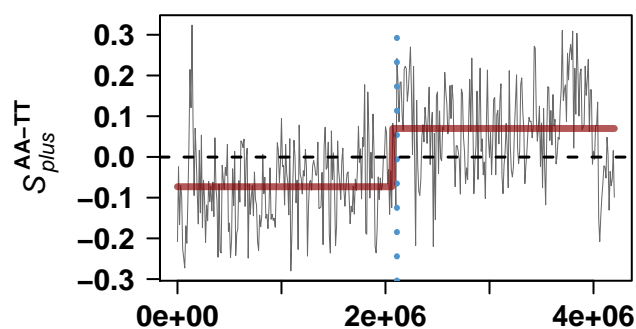
genome coordinates



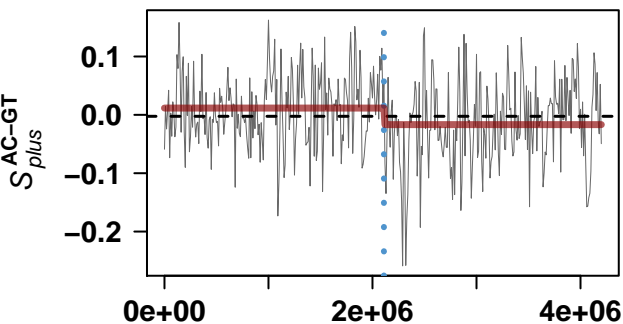
genome coordinates



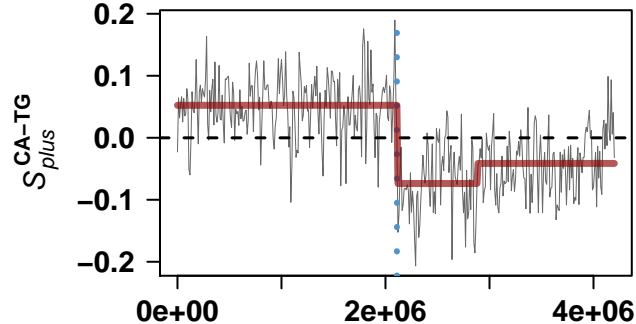
genome coordinates



genome coordinates

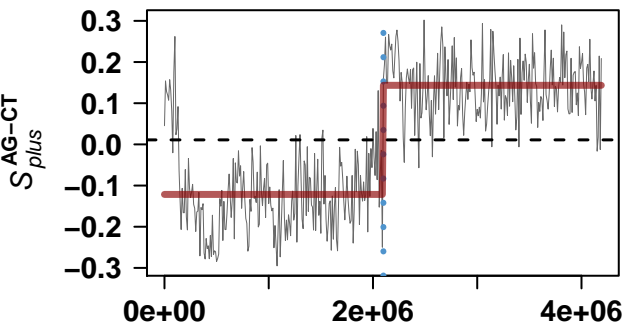


genome coordinates

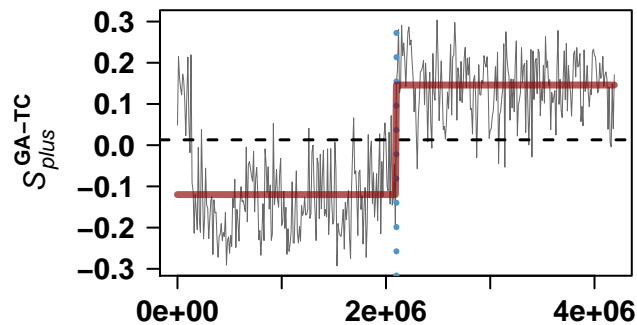


genome coordinates

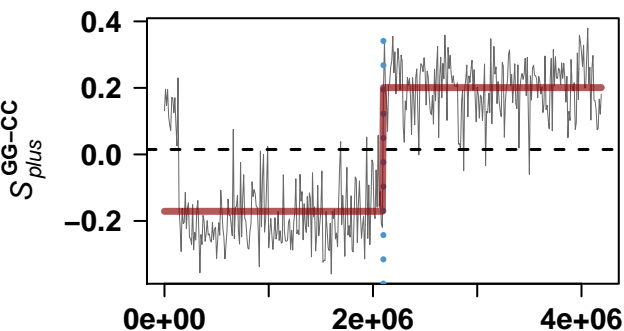
# Bacillus halodurans C-125



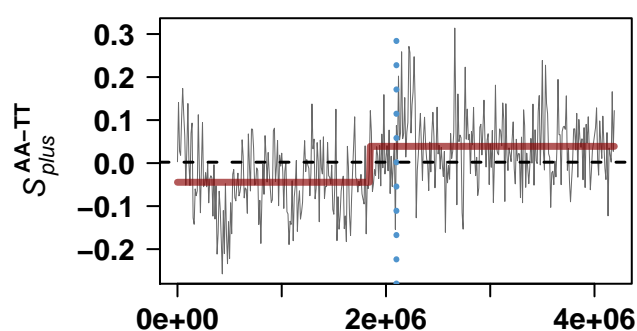
genome coordinates



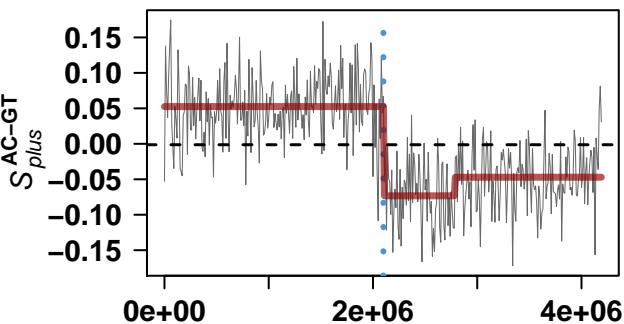
genome coordinates



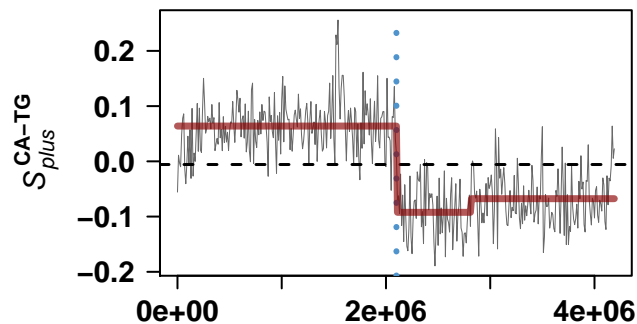
genome coordinates



genome coordinates

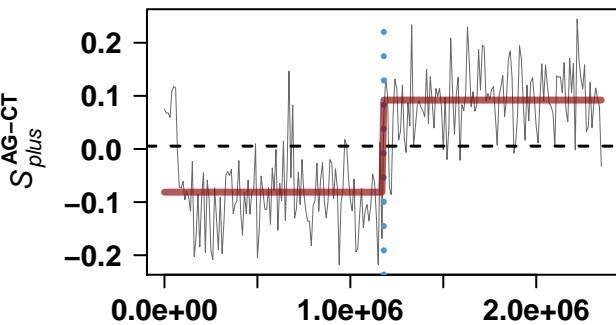


genome coordinates

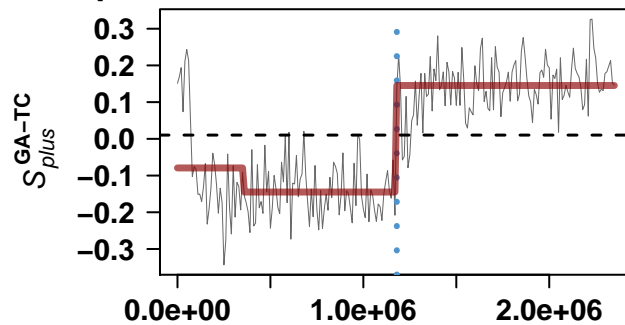


genome coordinates

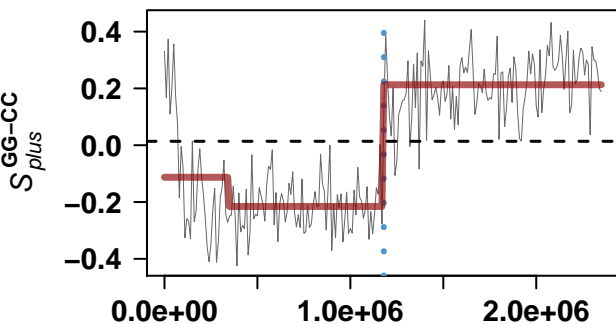
# Lactococcus lactis subsp. lactis II1403



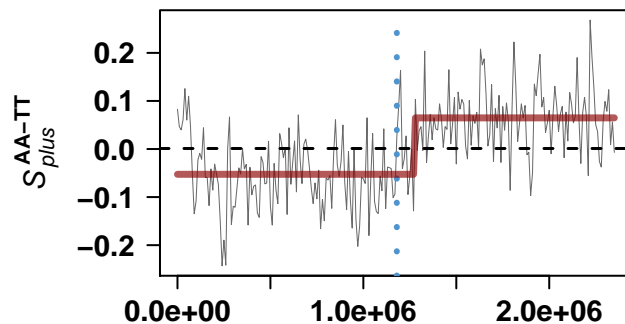
genome coordinates



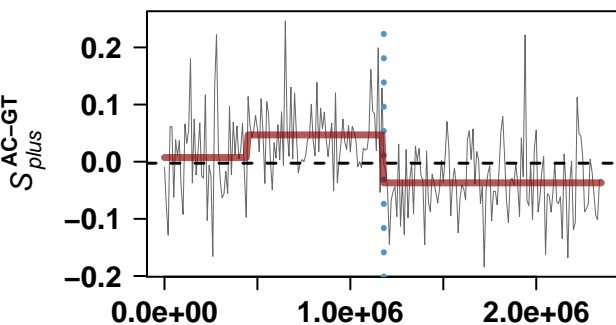
genome coordinates



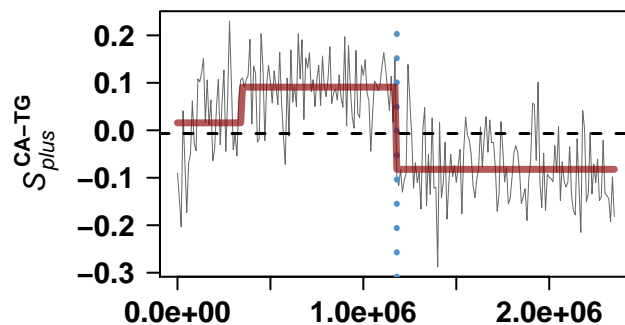
genome coordinates



genome coordinates

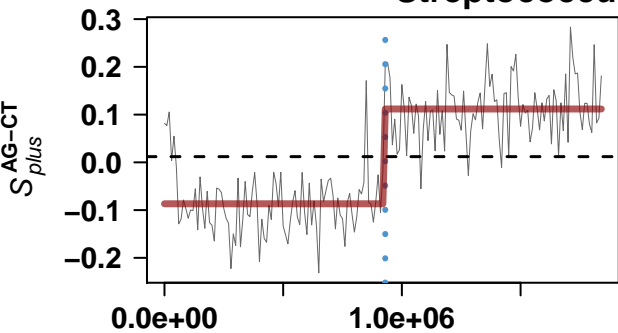


genome coordinates

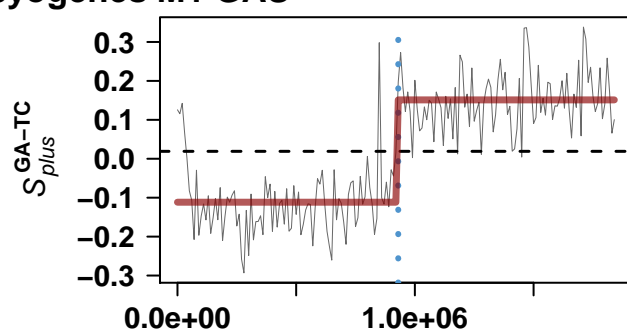


genome coordinates

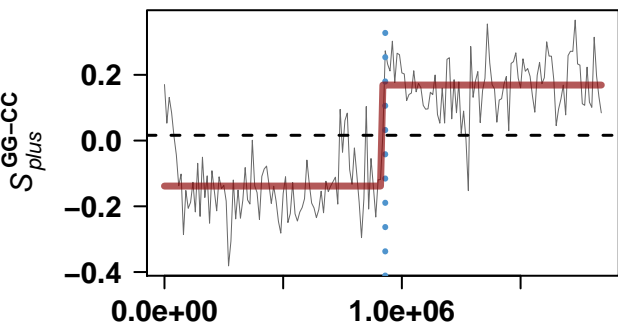
# Streptococcus pyogenes M1 GAS



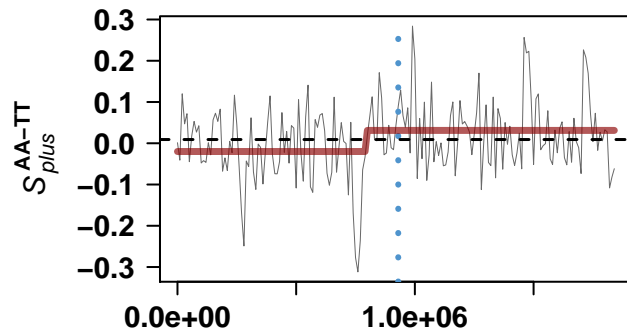
genome coordinates



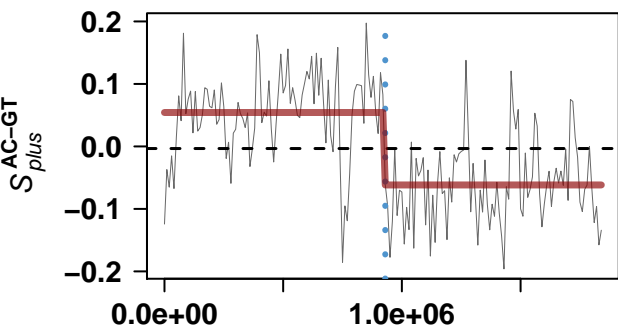
genome coordinates



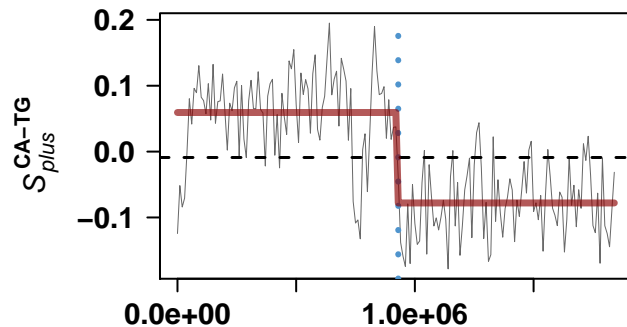
genome coordinates



genome coordinates

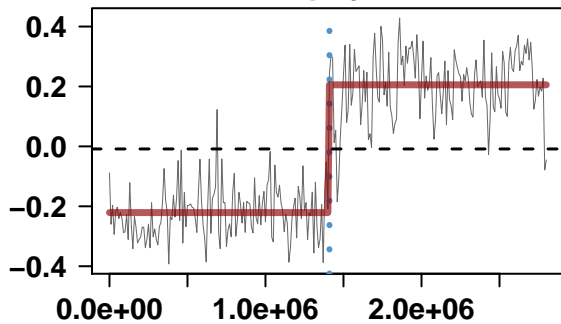


genome coordinates

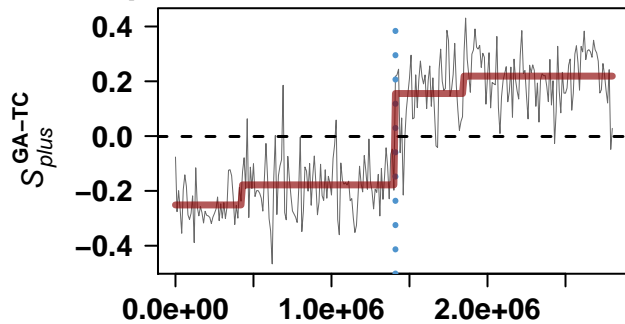


genome coordinates

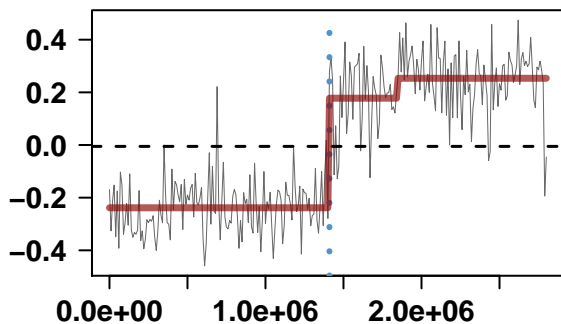
# Staphylococcus aureus subsp. aureus N315



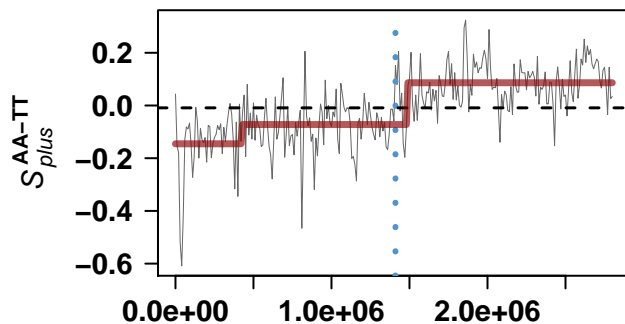
genome coordinates



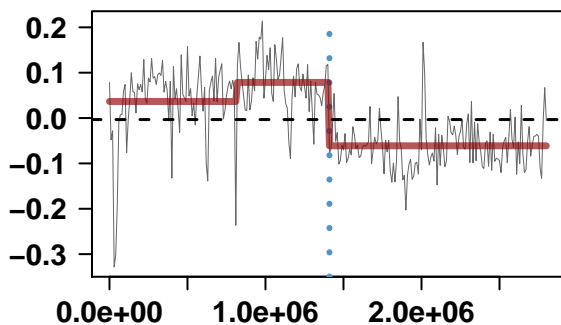
genome coordinates



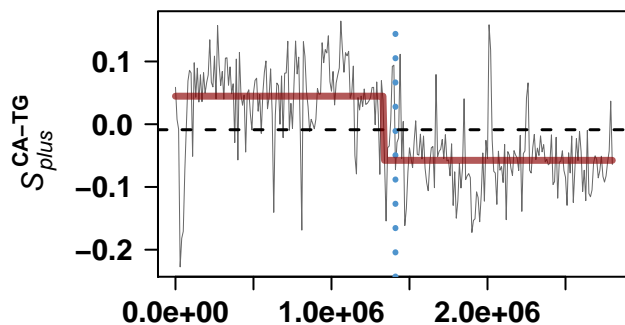
genome coordinates



genome coordinates

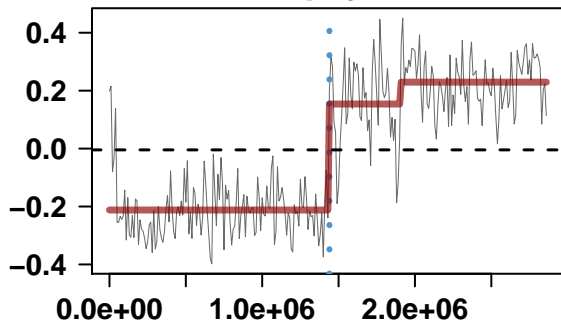


genome coordinates

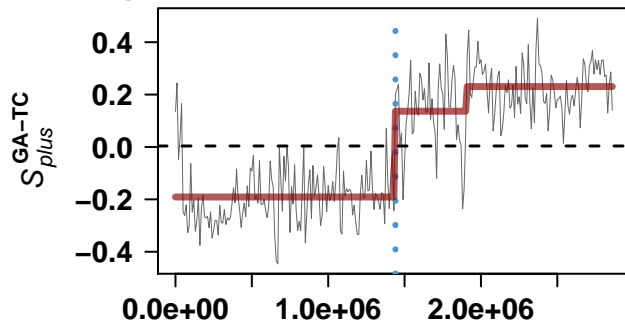


genome coordinates

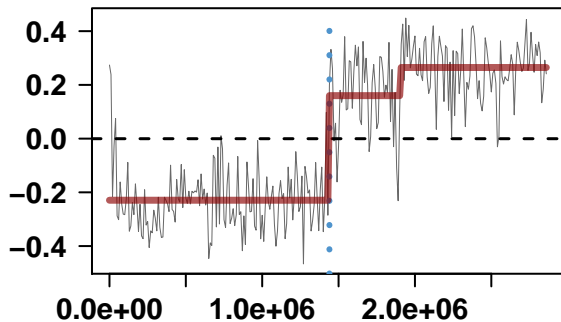
# Staphylococcus aureus subsp. aureus Mu50



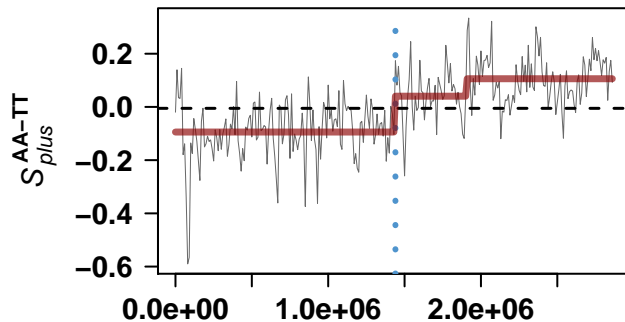
genome coordinates



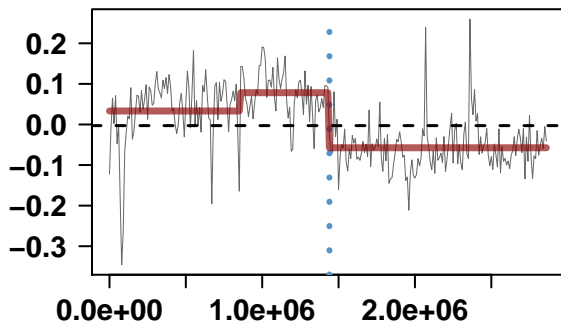
genome coordinates



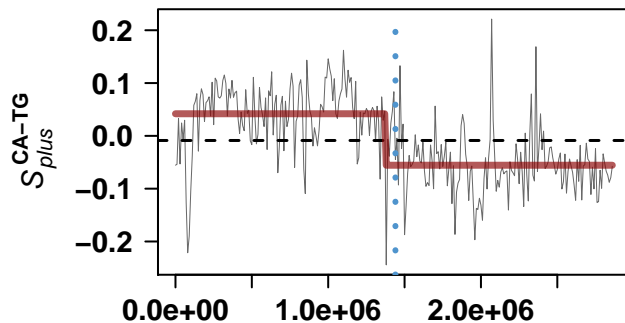
genome coordinates



genome coordinates

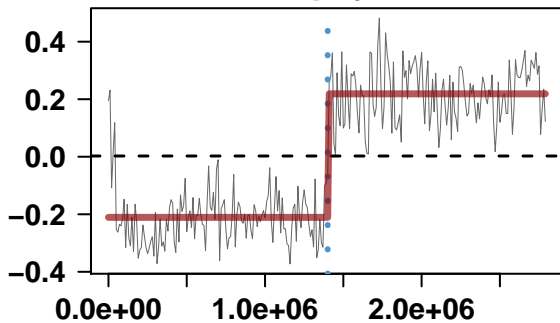


genome coordinates

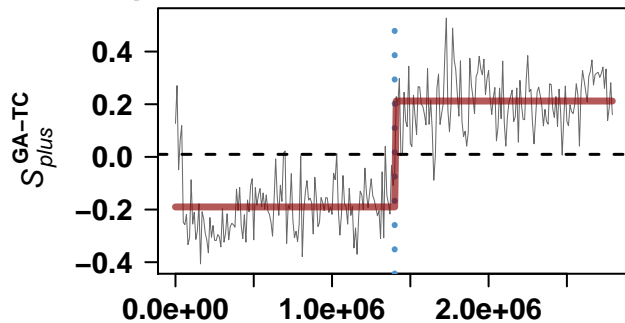


genome coordinates

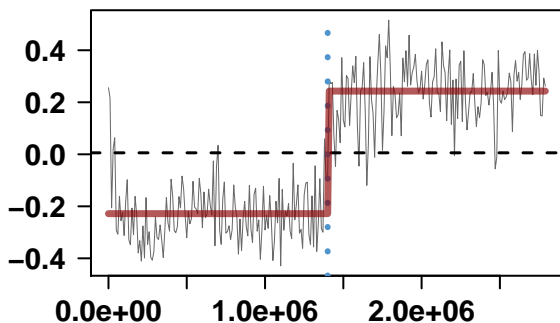
# Staphylococcus aureus subsp. aureus COL



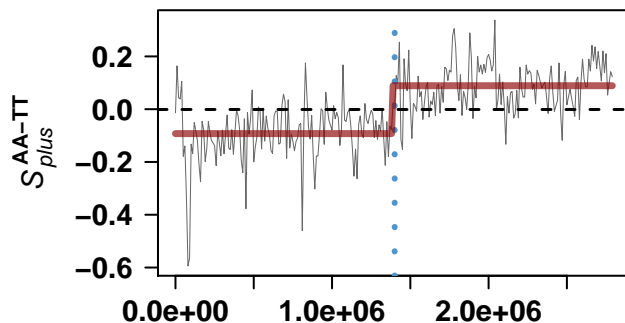
genome coordinates



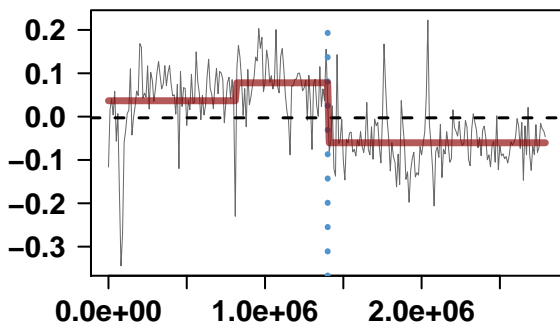
genome coordinates



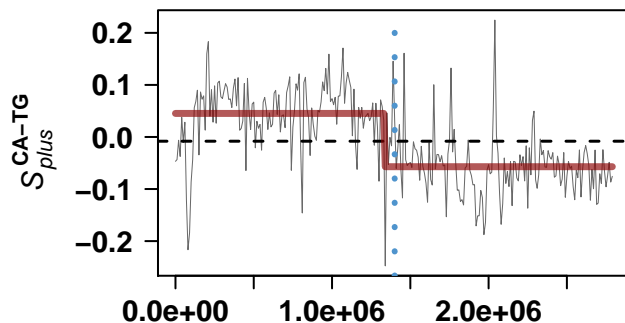
genome coordinates



genome coordinates

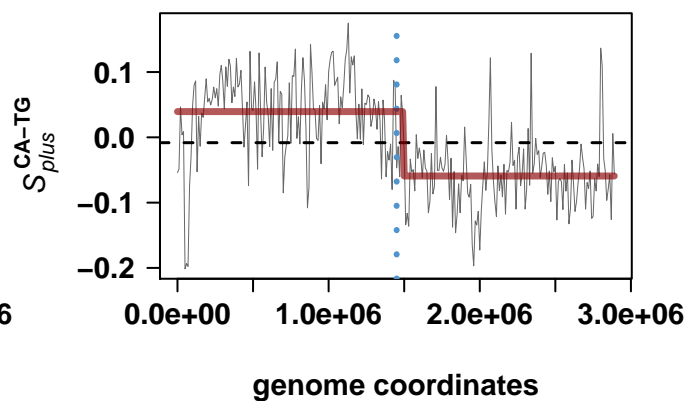
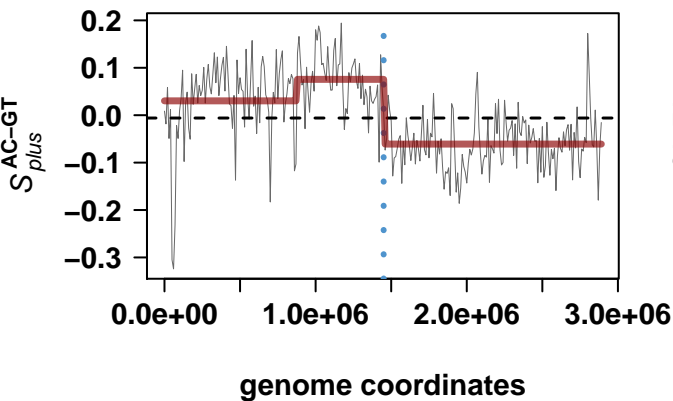
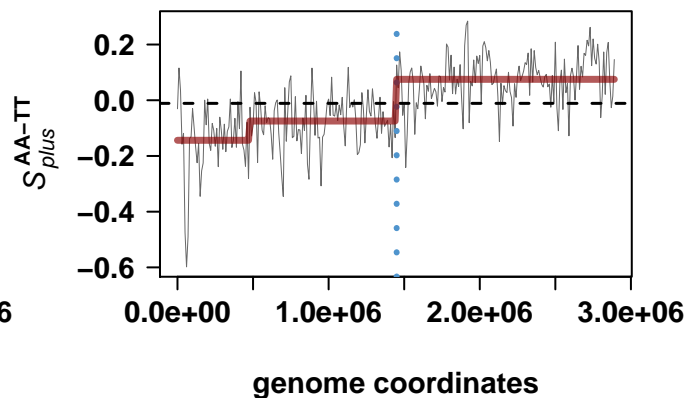
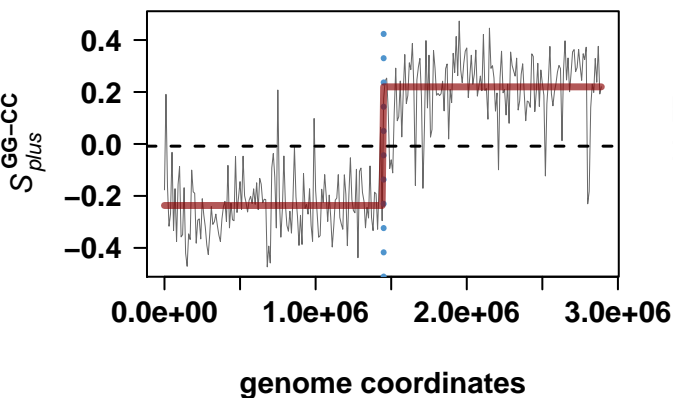
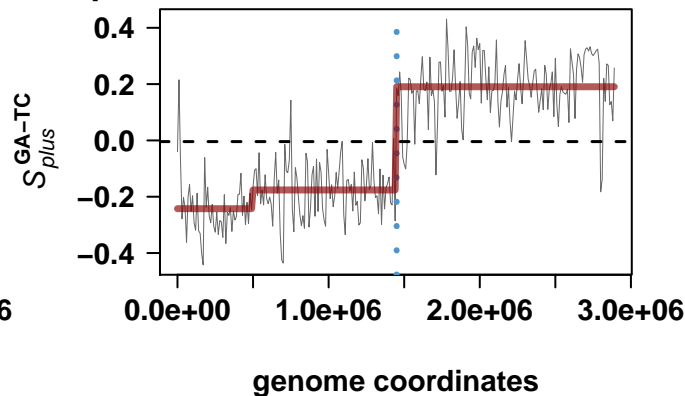
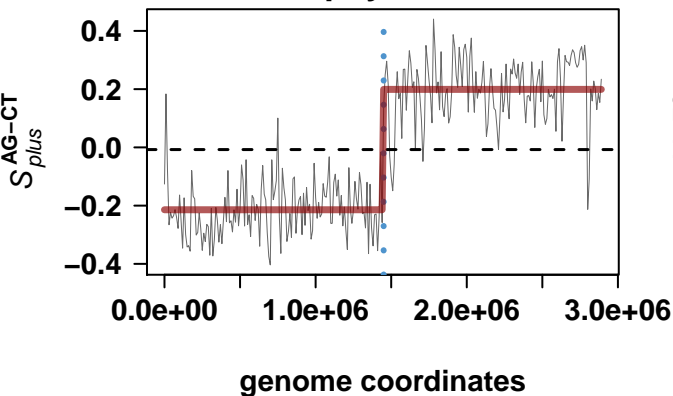


genome coordinates

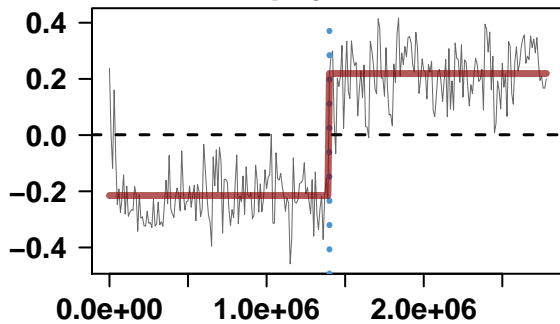


genome coordinates

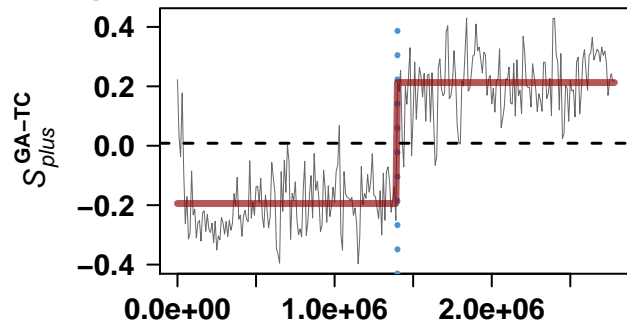
# Staphylococcus aureus subsp. aureus MRSA252



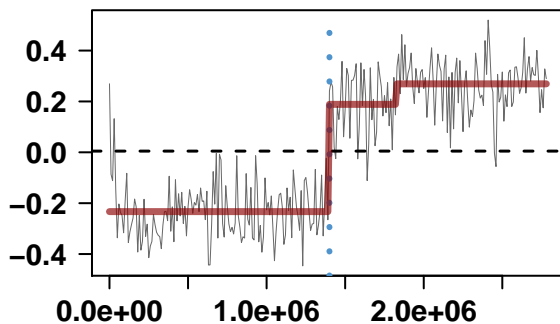
# Staphylococcus aureus subsp. aureus MSSA476



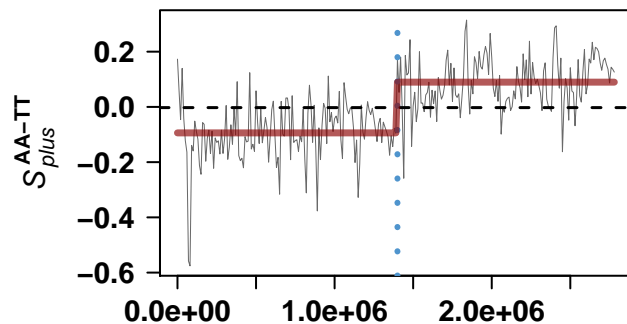
genome coordinates



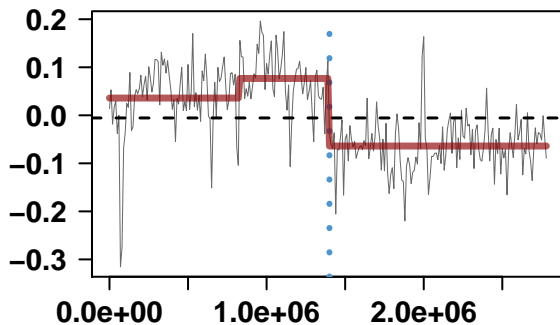
genome coordinates



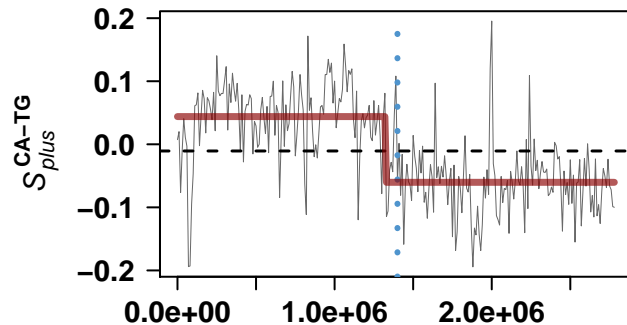
genome coordinates



genome coordinates

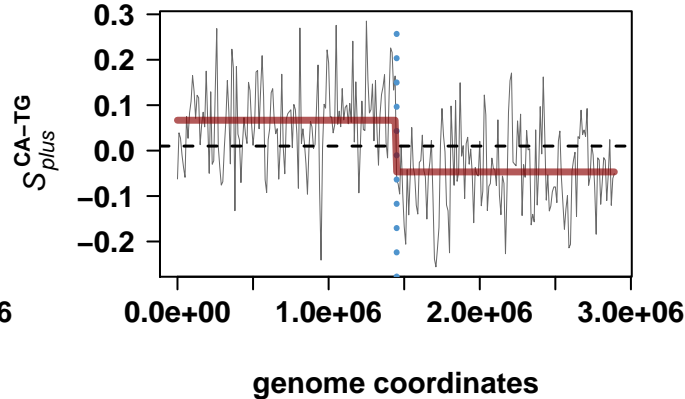
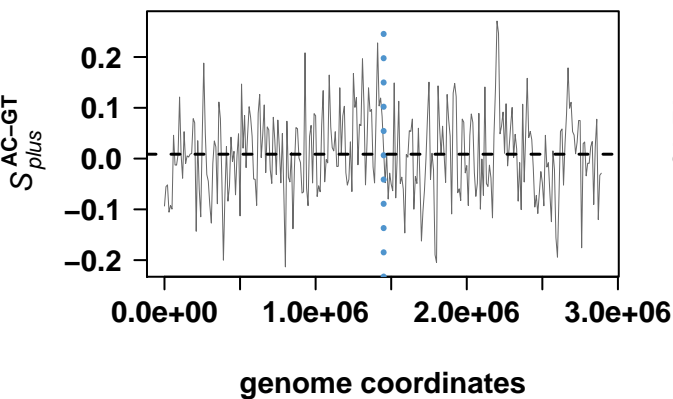
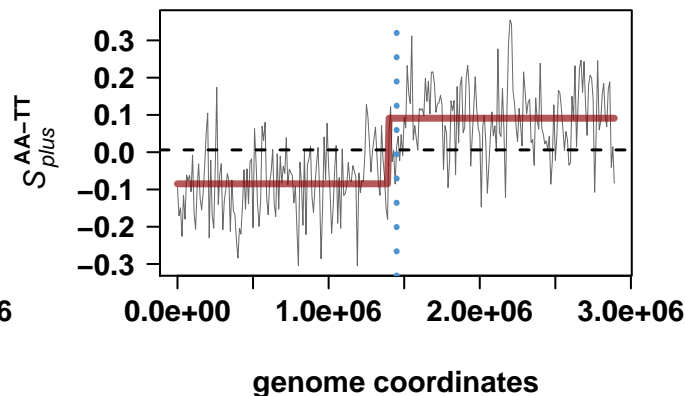
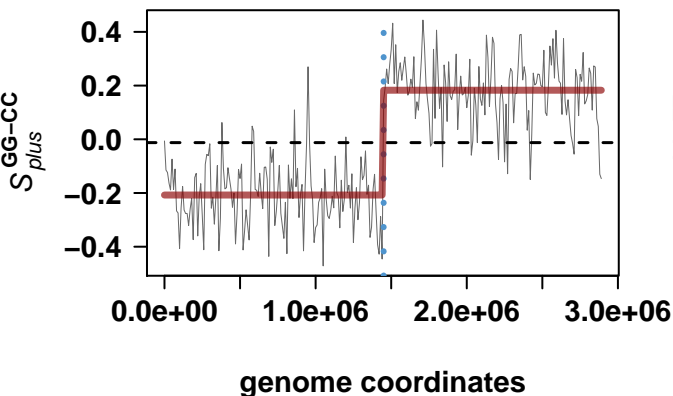
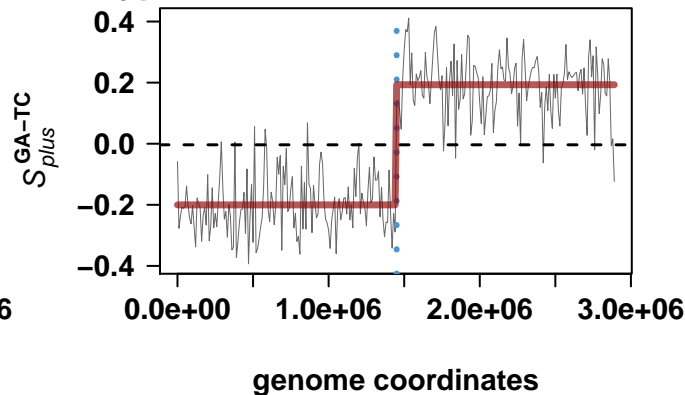
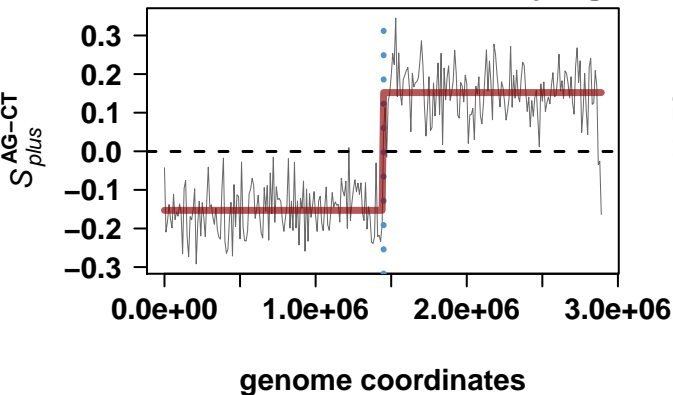


genome coordinates

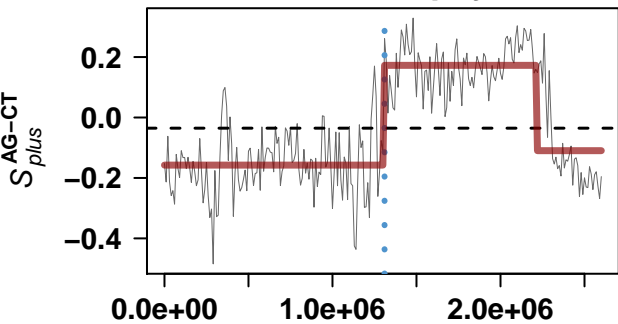


genome coordinates

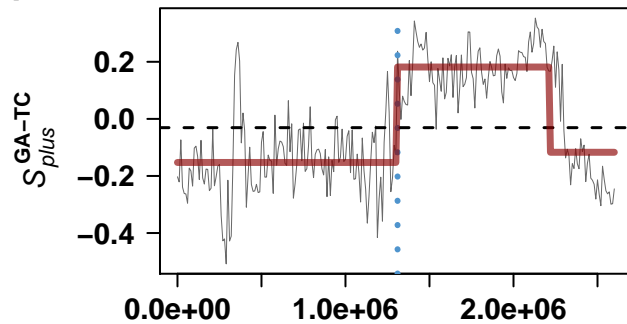
# Listeria monocytogenes serotype 4b str. F2365



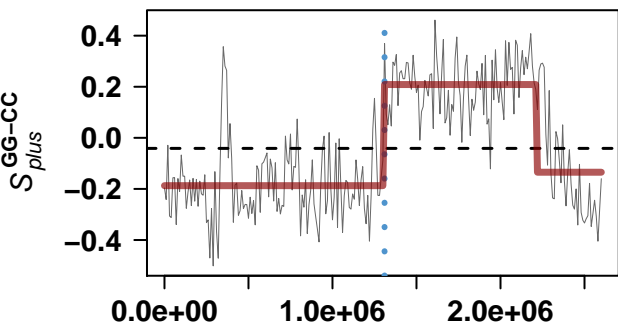
# Staphylococcus epidermidis RP62A



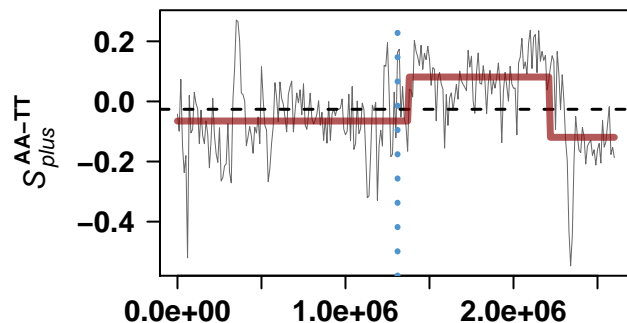
genome coordinates



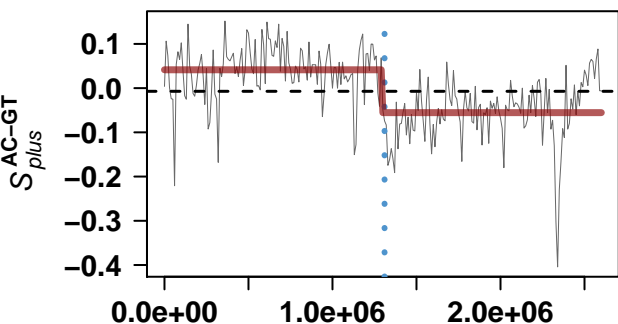
genome coordinates



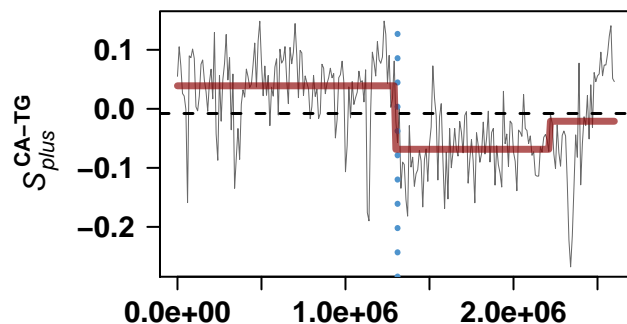
genome coordinates



genome coordinates

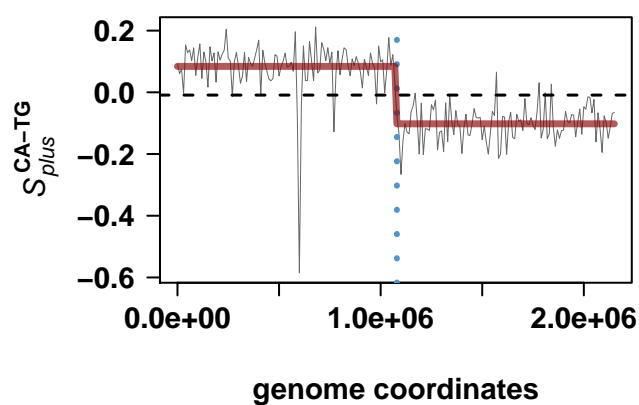
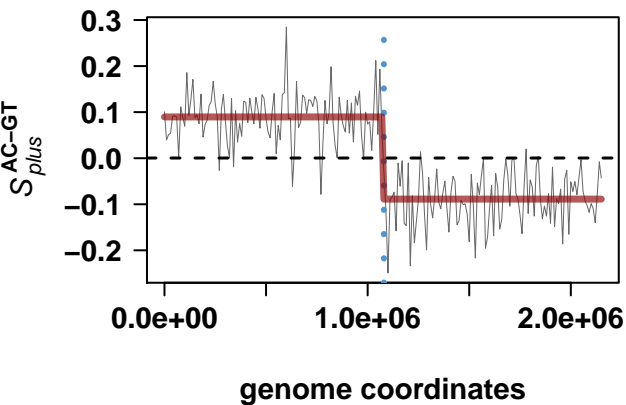
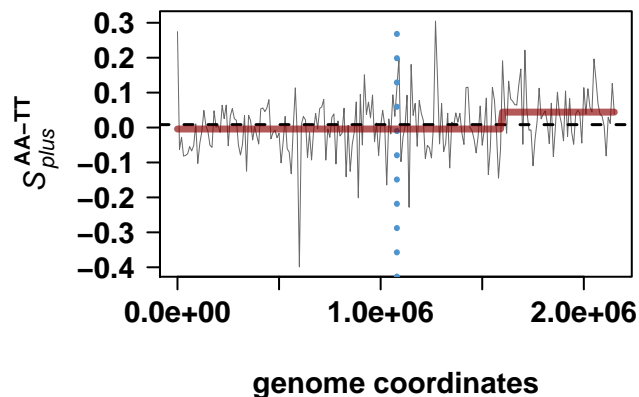
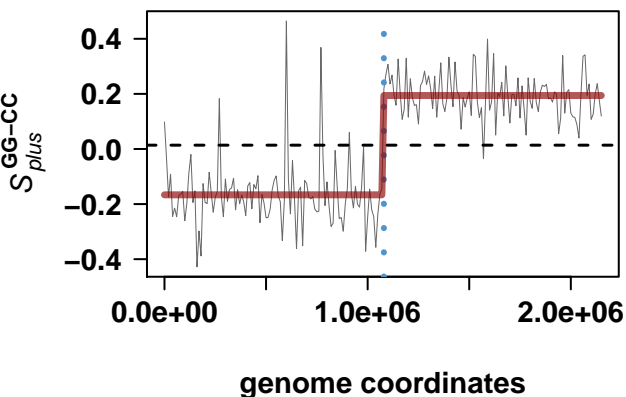
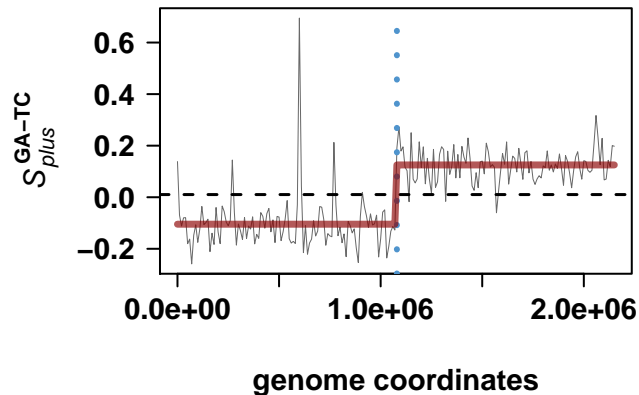
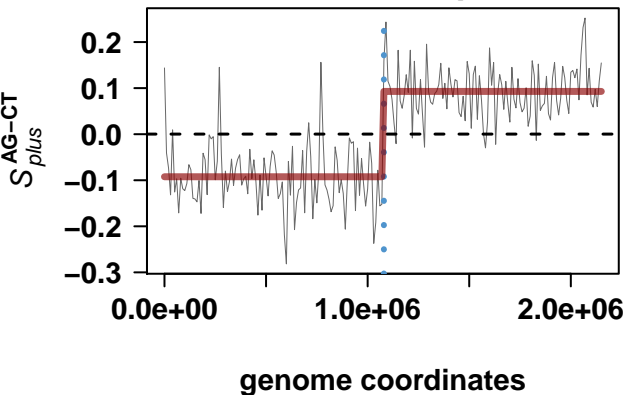


genome coordinates

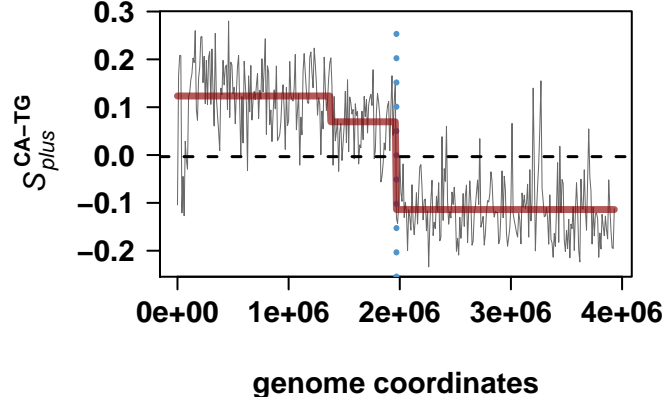
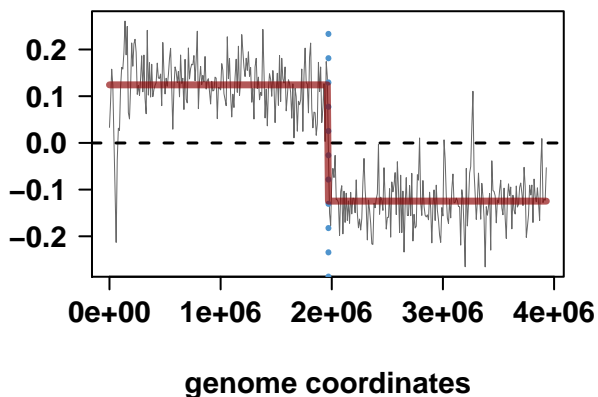
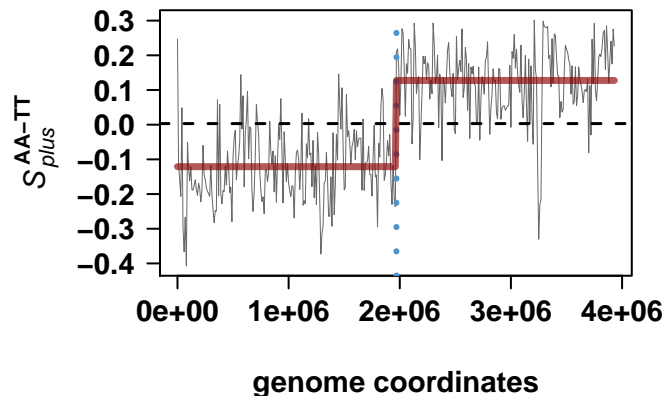
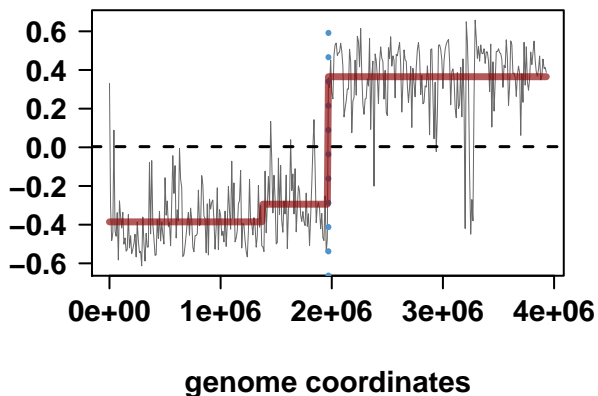
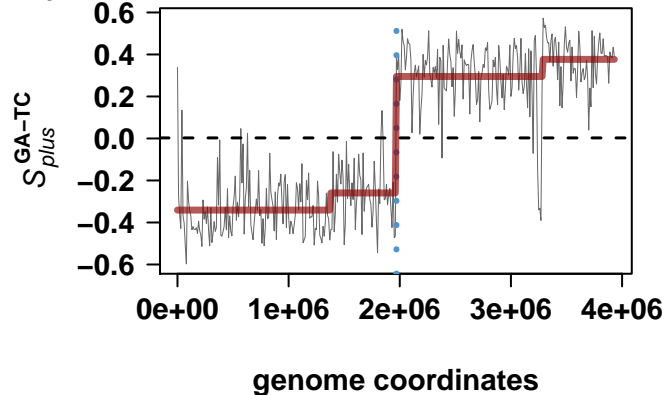
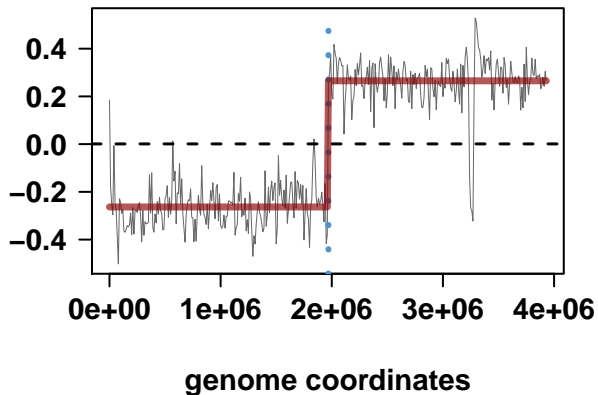


genome coordinates

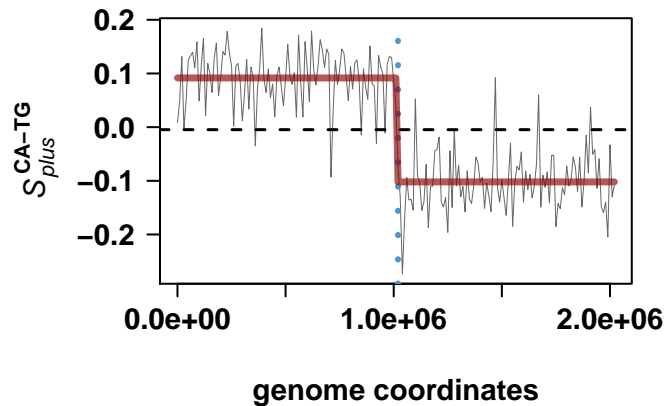
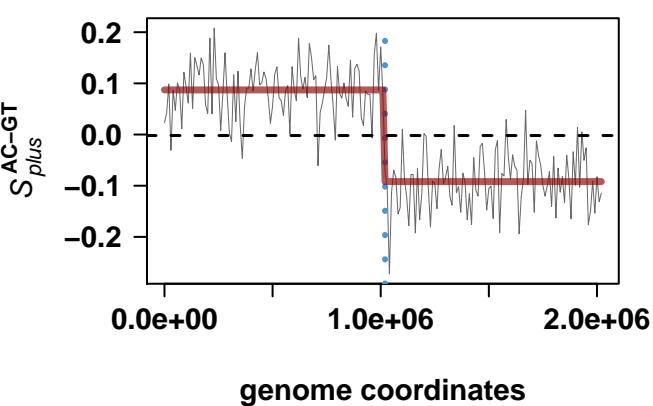
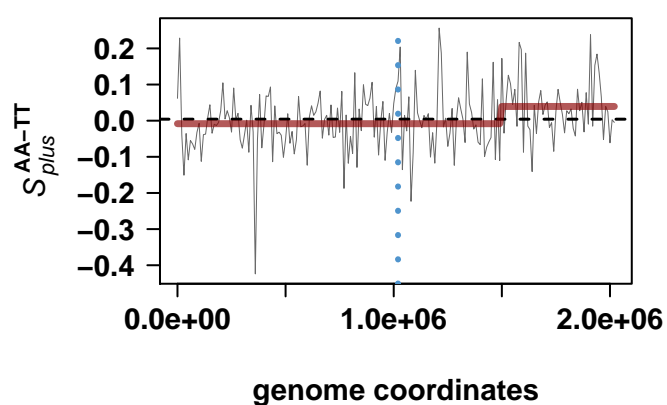
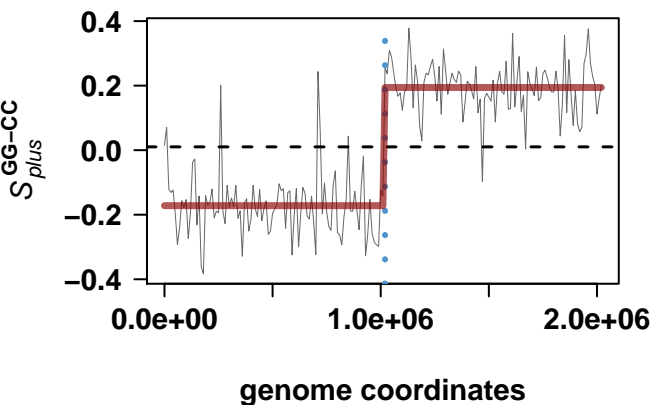
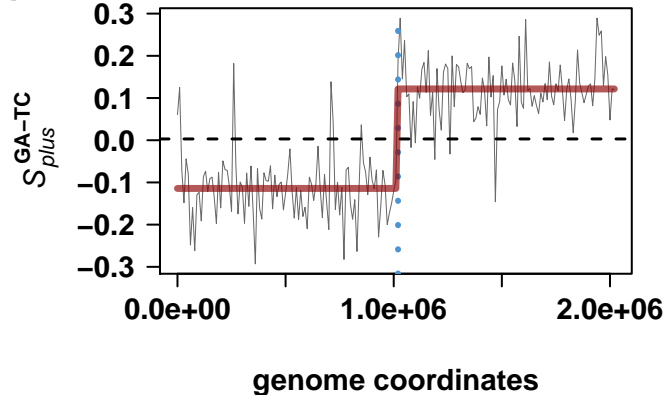
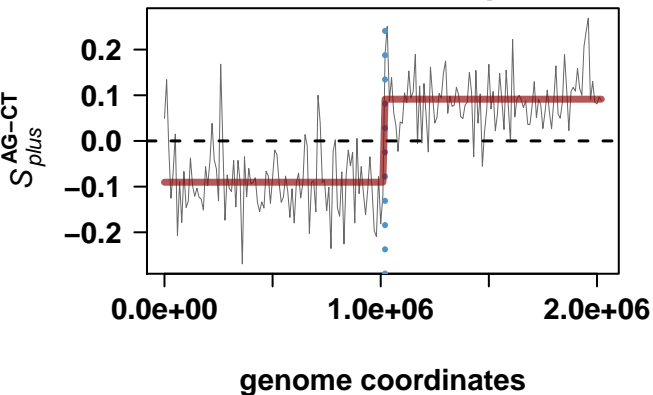
# Streptococcus pneumoniae TIGR4



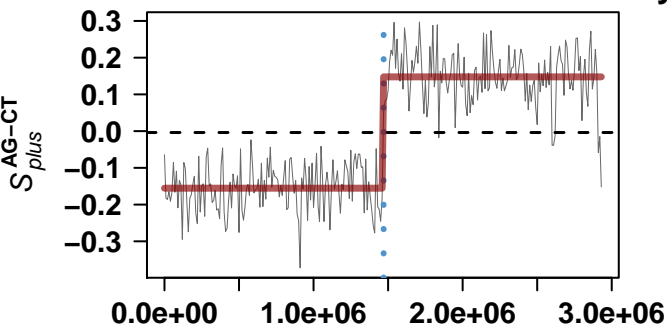
# Clostridium acetobutylicum ATCC 824



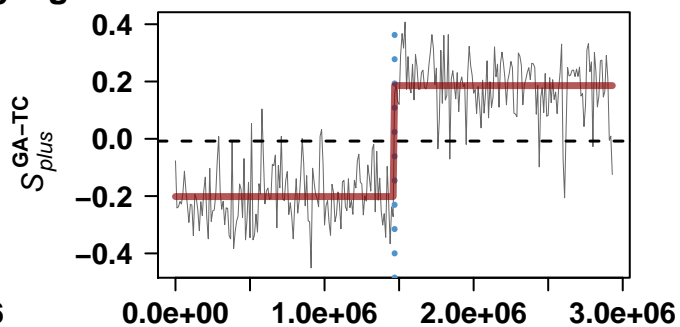
# Streptococcus pneumoniae R6



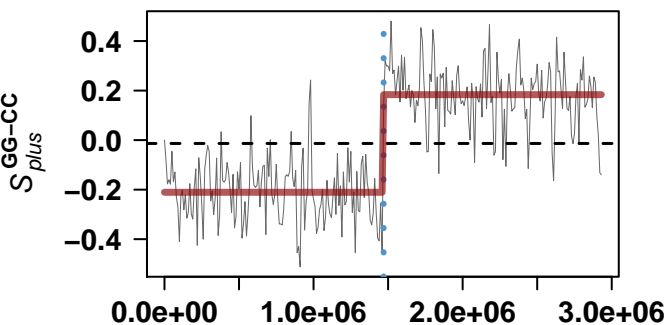
# Listeria monocytogenes EGD-e



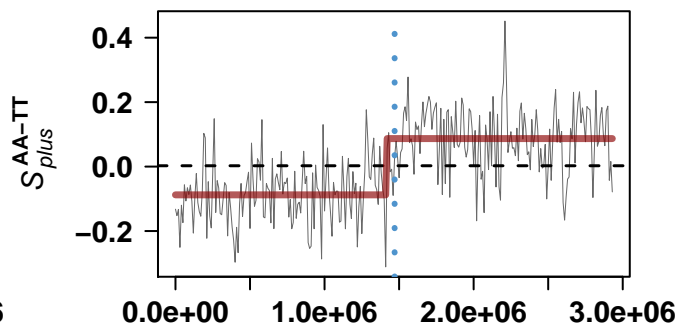
genome coordinates



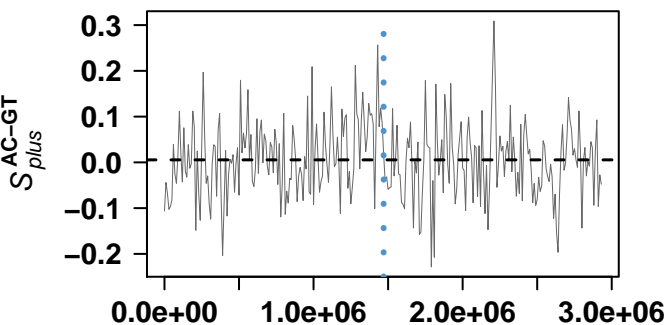
genome coordinates



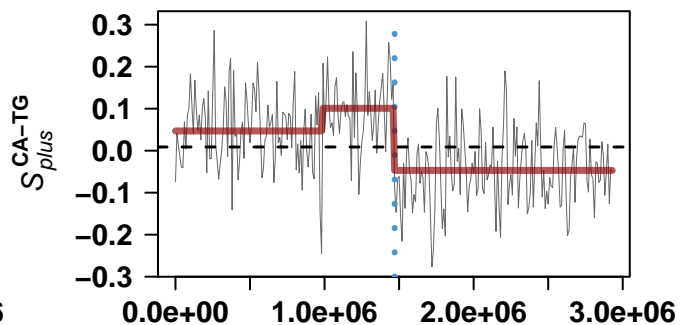
genome coordinates



genome coordinates

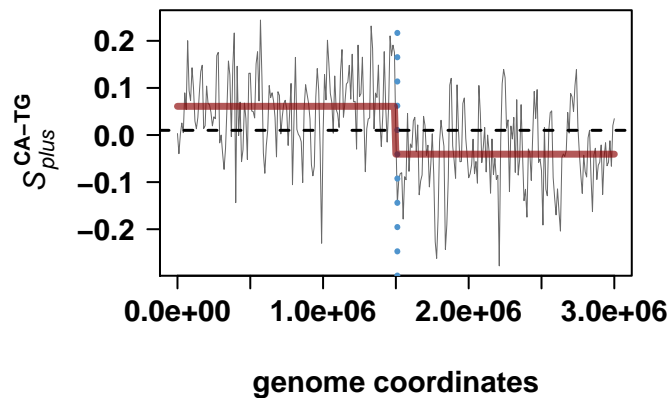
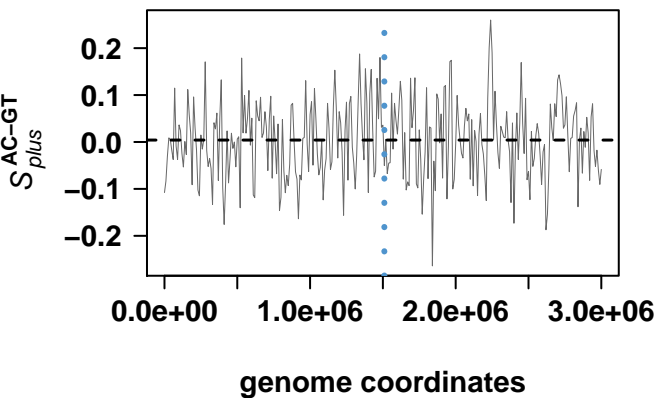
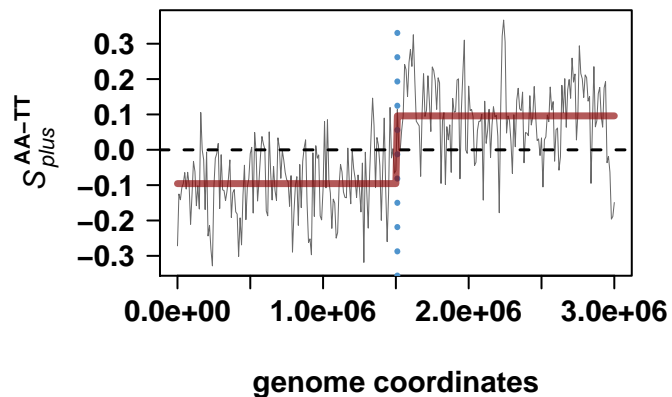
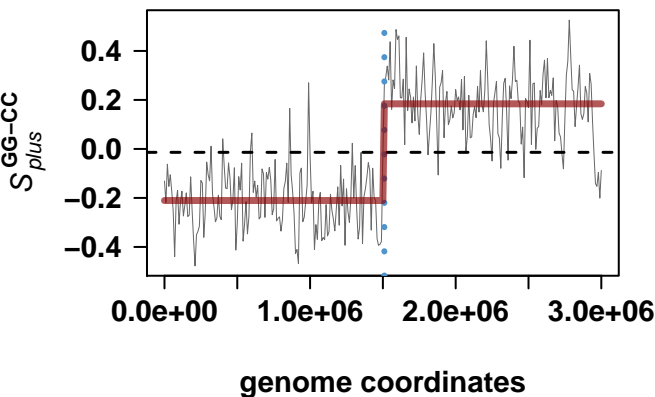
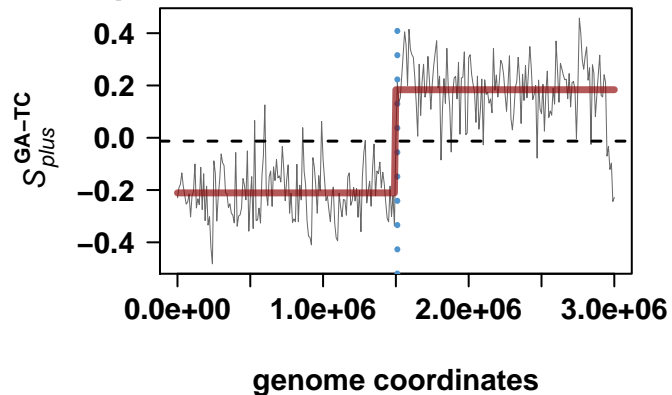
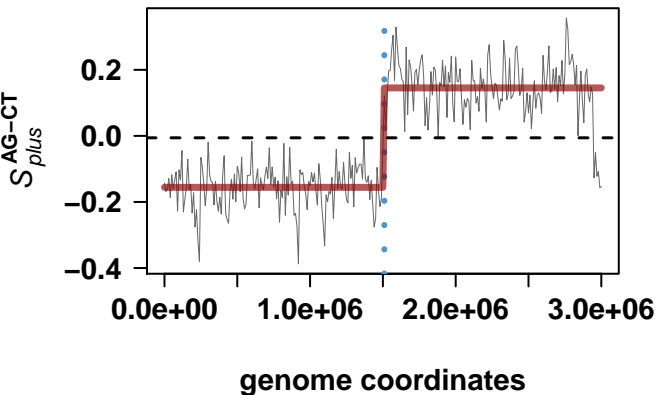


genome coordinates

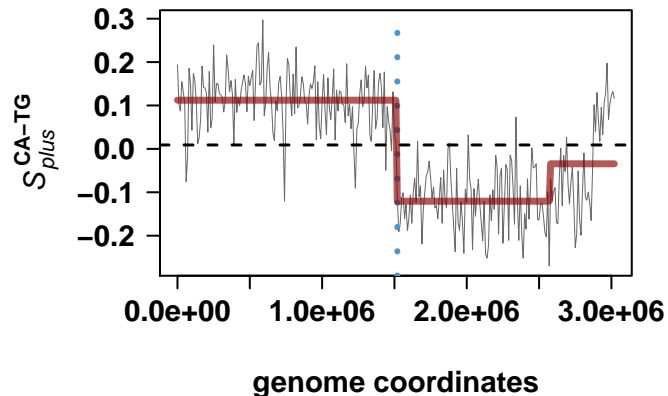
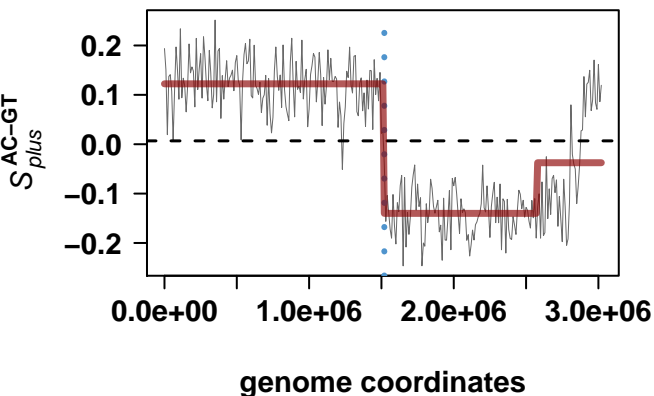
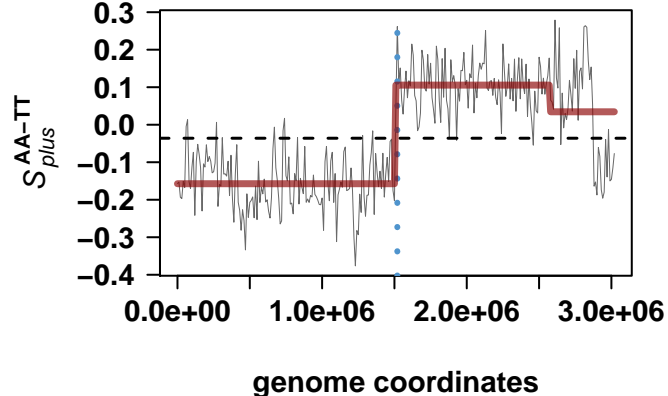
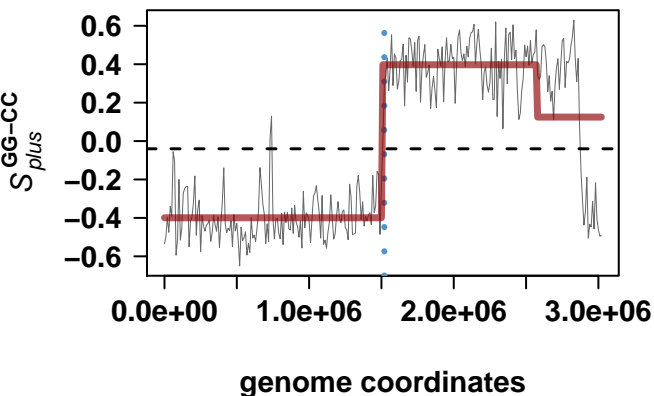
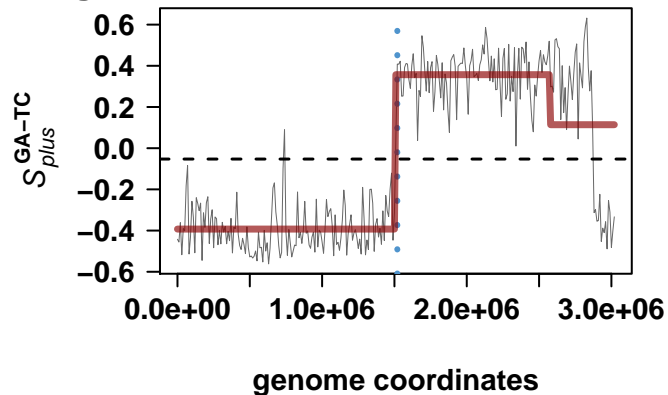
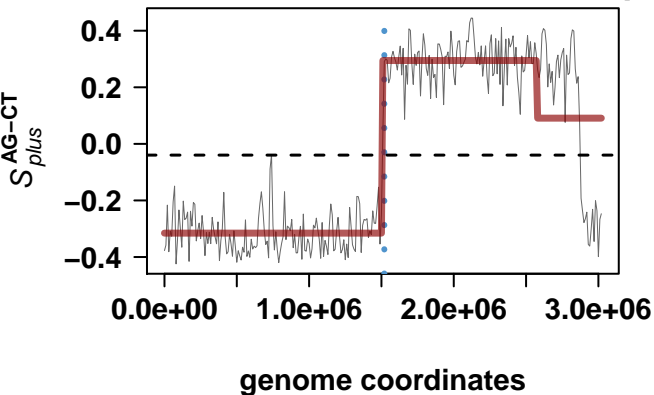


genome coordinates

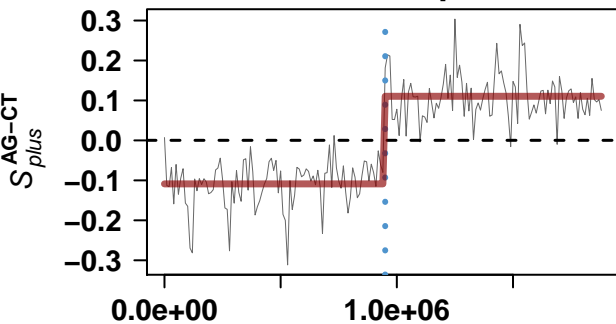
# Listeria innocua Clip11262



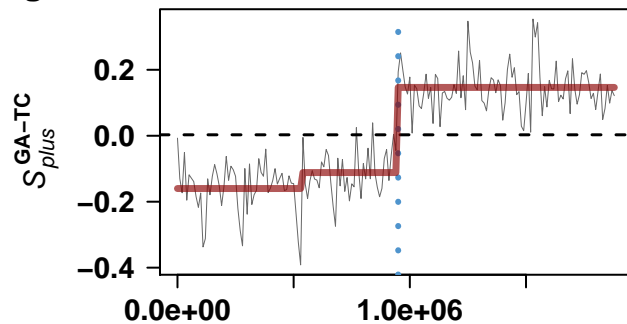
# Clostridium perfringens str. 13



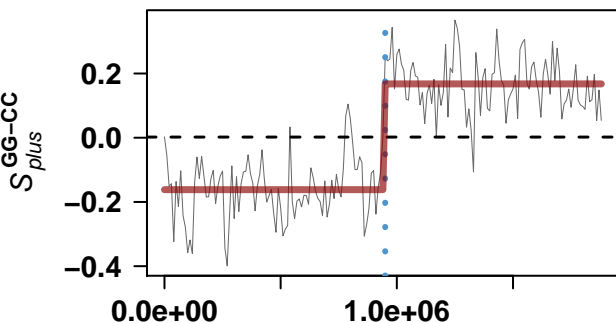
# Streptococcus pyogenes MGAS8232



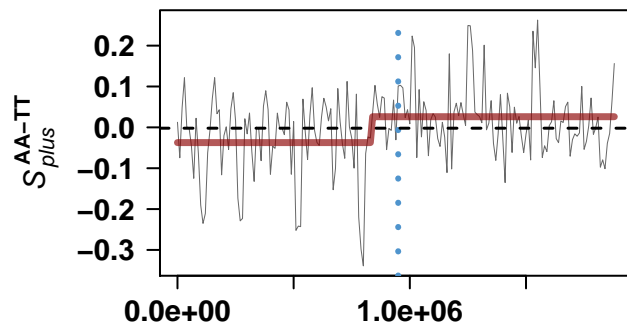
genome coordinates



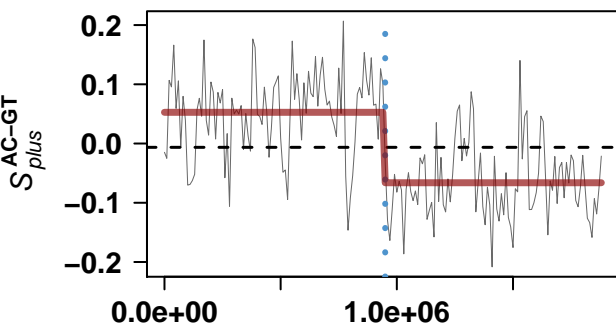
genome coordinates



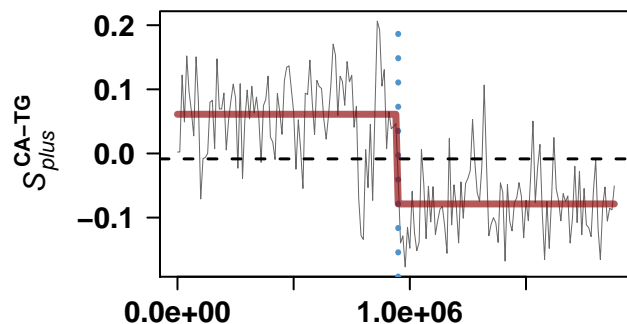
genome coordinates



genome coordinates

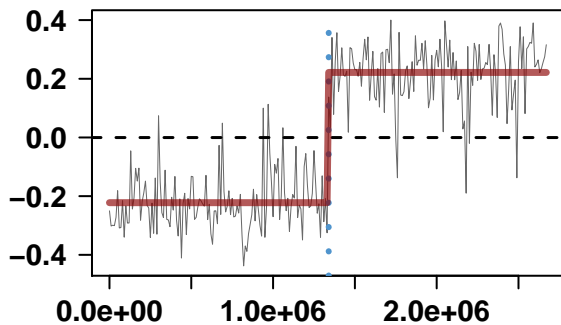


genome coordinates

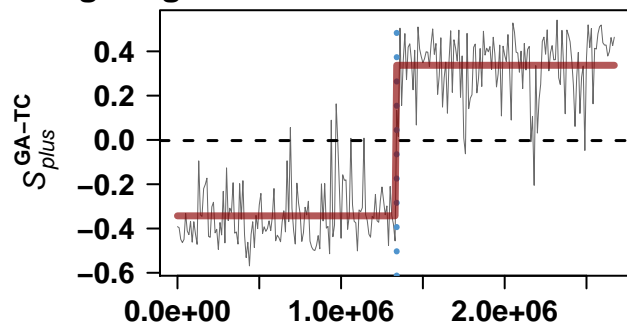


genome coordinates

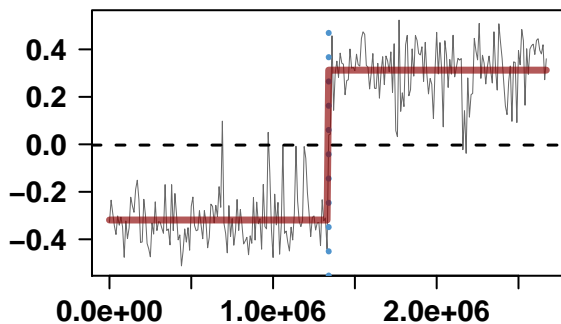
# Thermoanaerobacter tengcongensis MB4



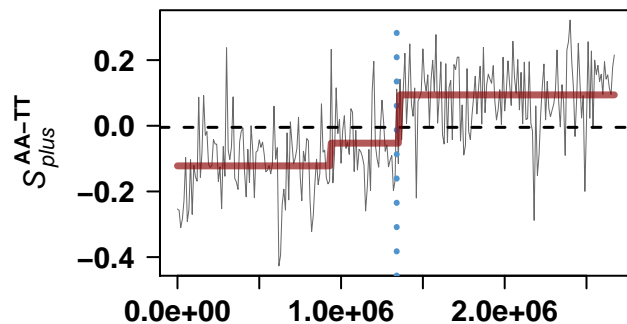
genome coordinates



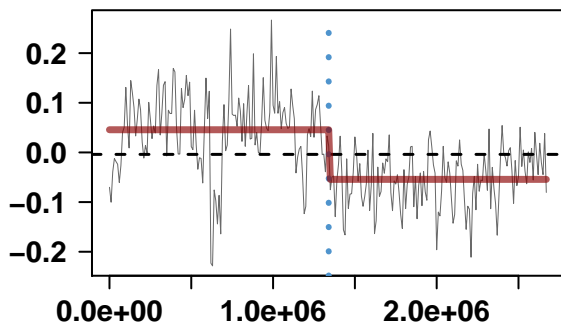
genome coordinates



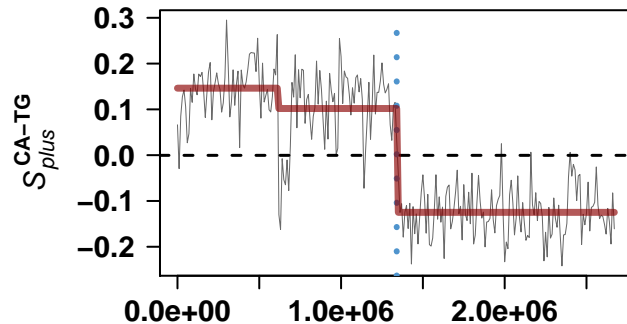
genome coordinates



genome coordinates

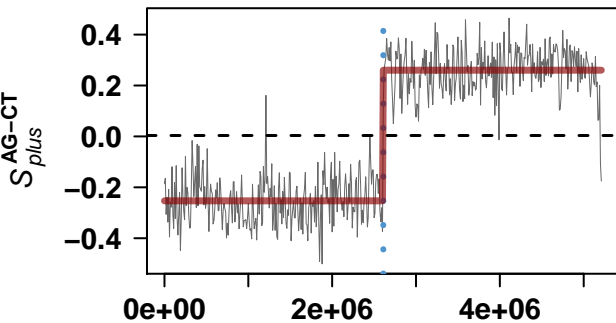


genome coordinates

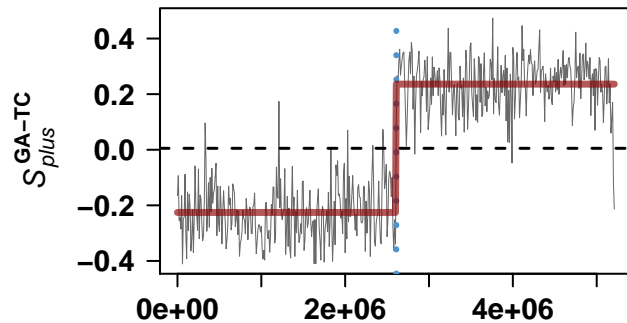


genome coordinates

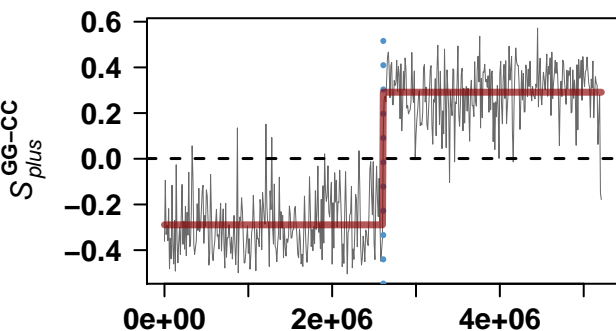
# Bacillus cereus ATCC 10987



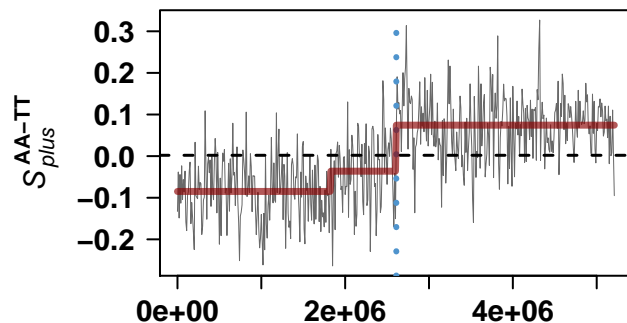
genome coordinates



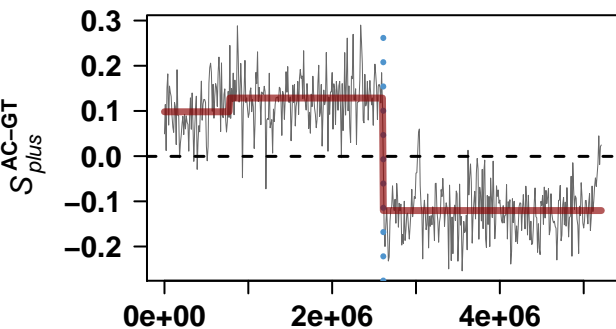
genome coordinates



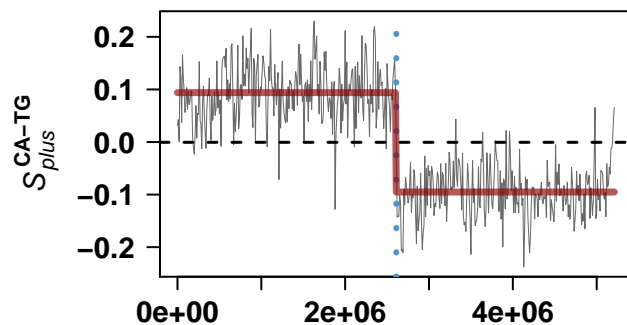
genome coordinates



genome coordinates

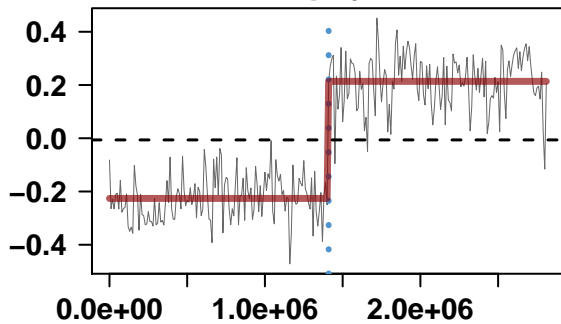


genome coordinates

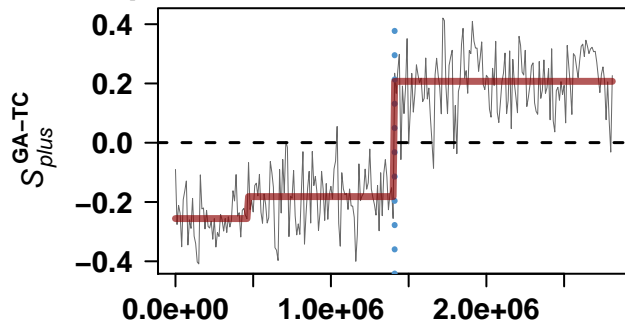


genome coordinates

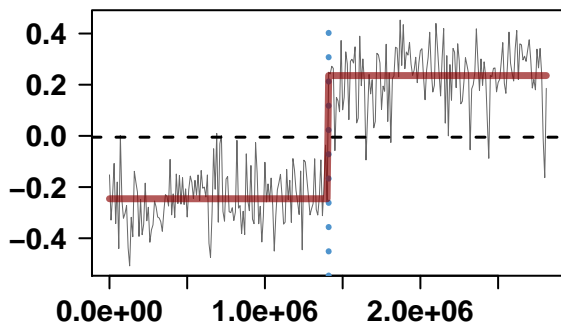
# Staphylococcus aureus subsp. aureus MW2



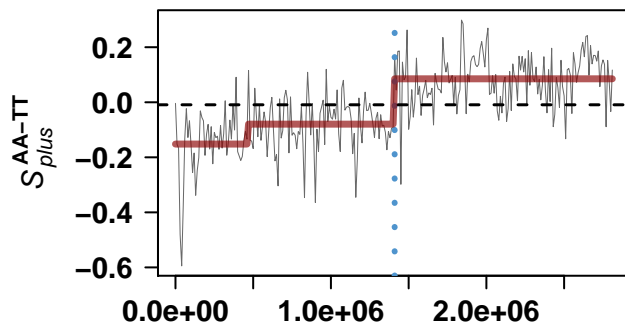
genome coordinates



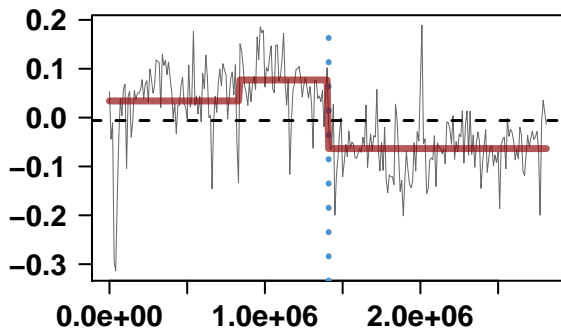
genome coordinates



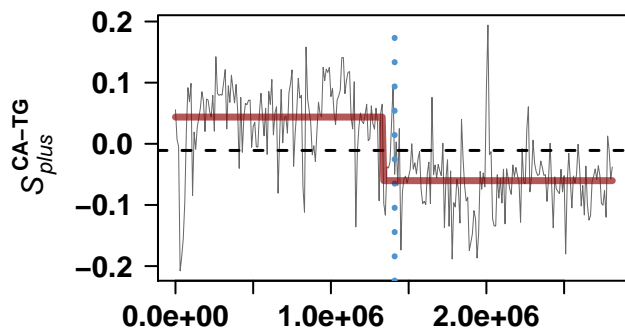
genome coordinates



genome coordinates

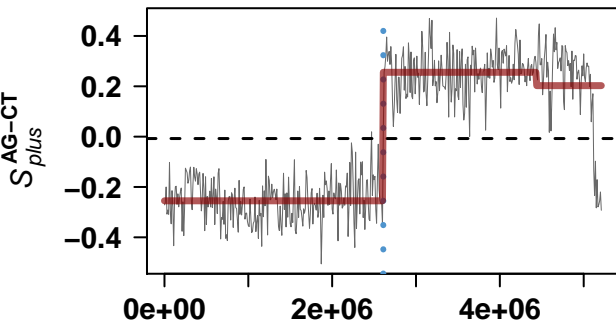


genome coordinates

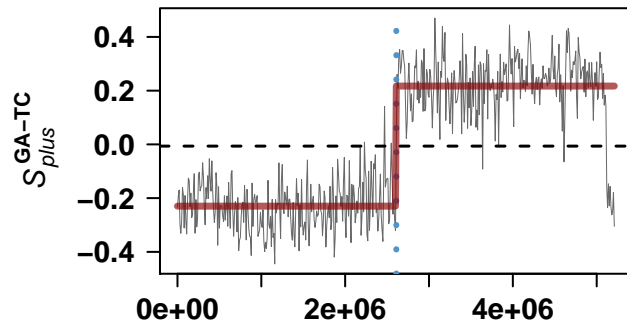


genome coordinates

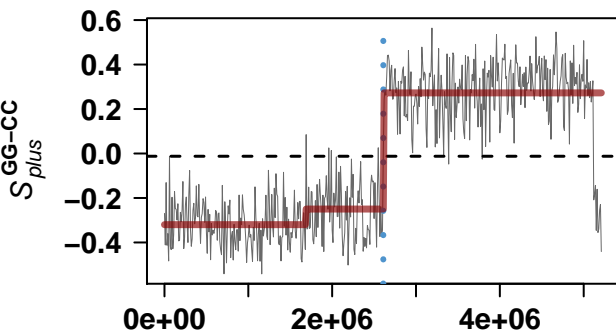
# Bacillus anthracis str. Ames



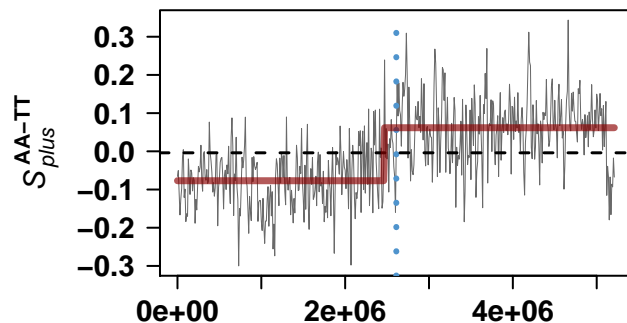
genome coordinates



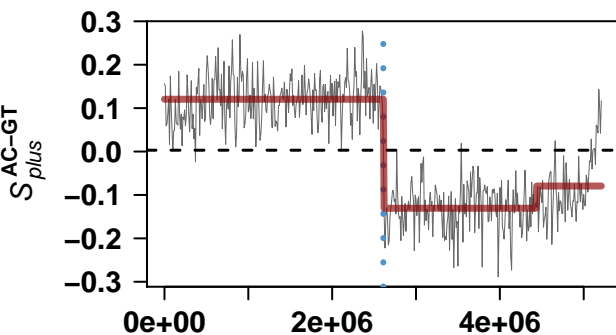
genome coordinates



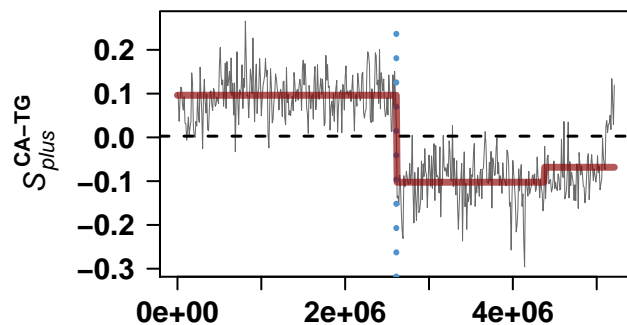
genome coordinates



genome coordinates

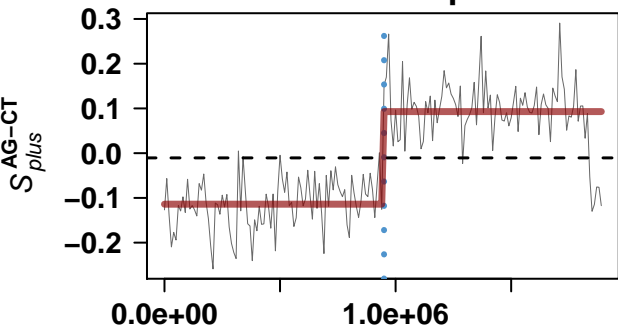


genome coordinates

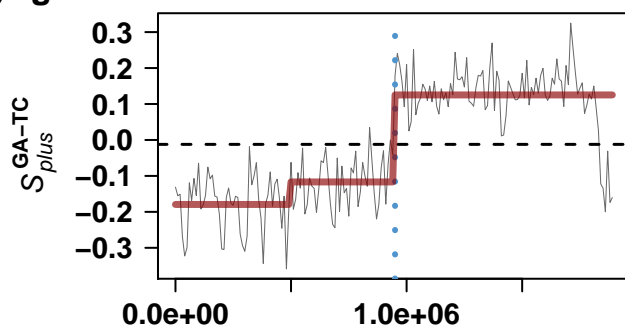


genome coordinates

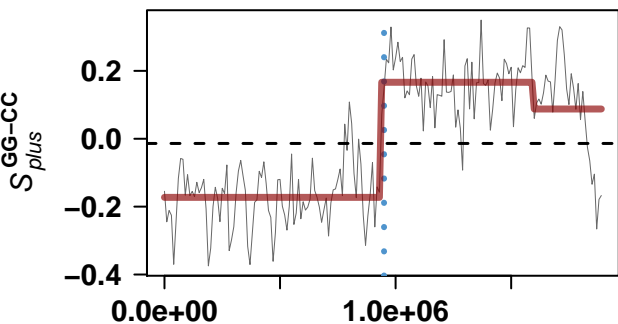
# Streptococcus pyogenes MGAS315



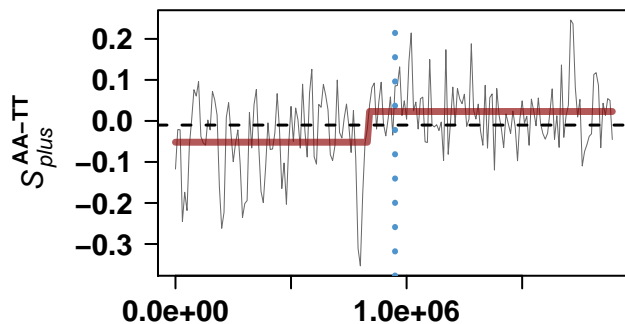
genome coordinates



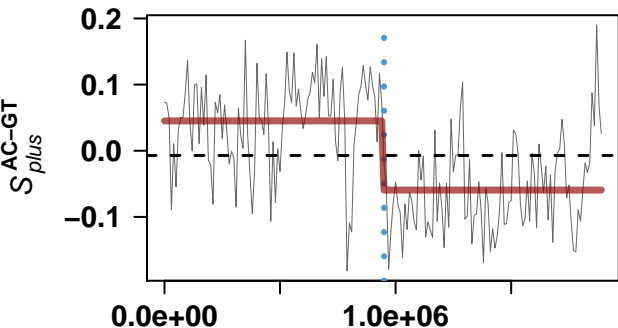
genome coordinates



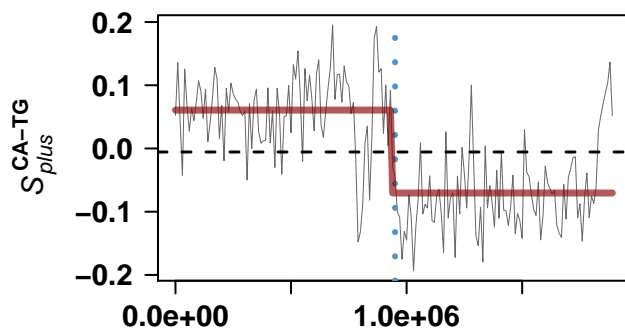
genome coordinates



genome coordinates

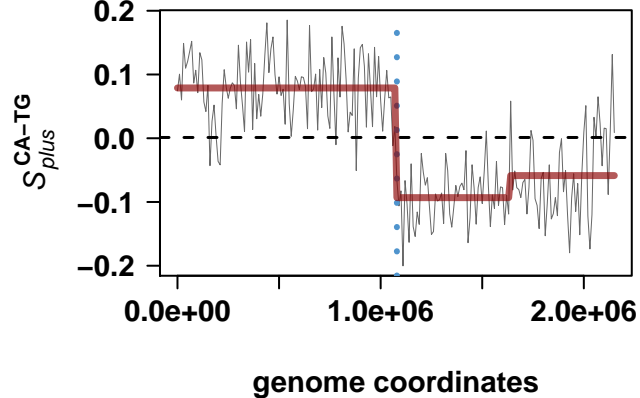
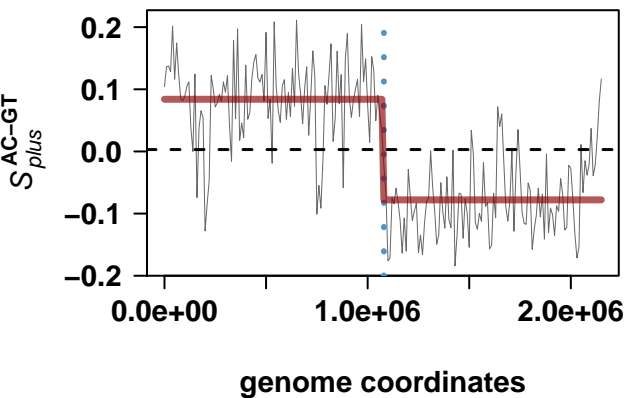
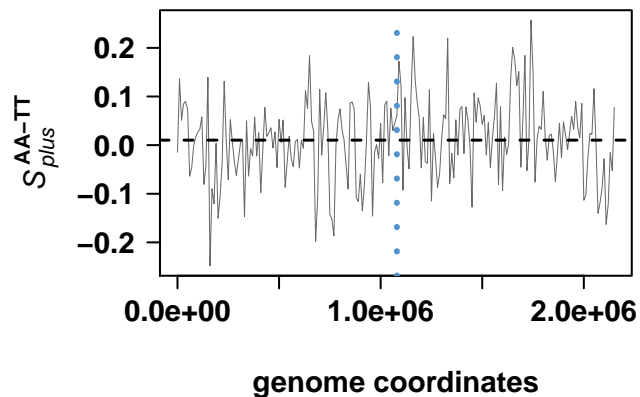
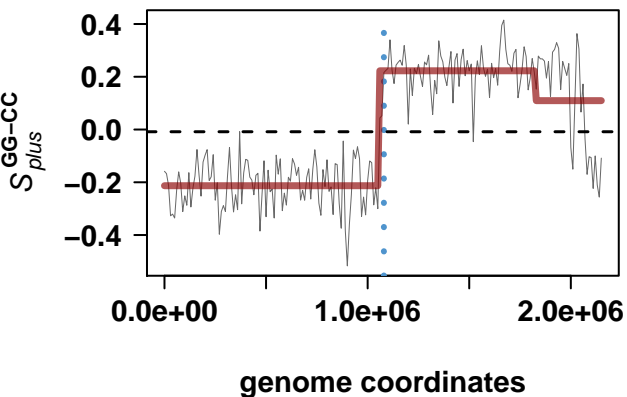
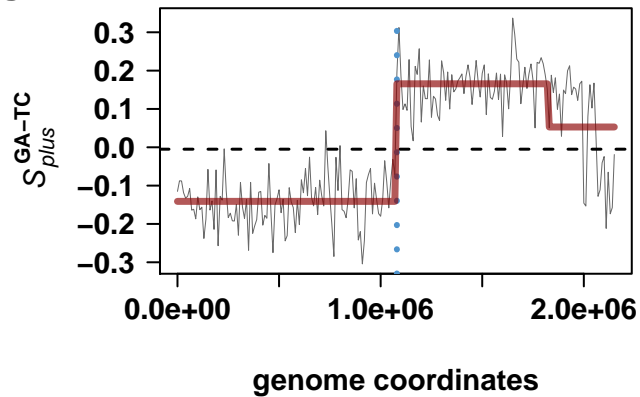
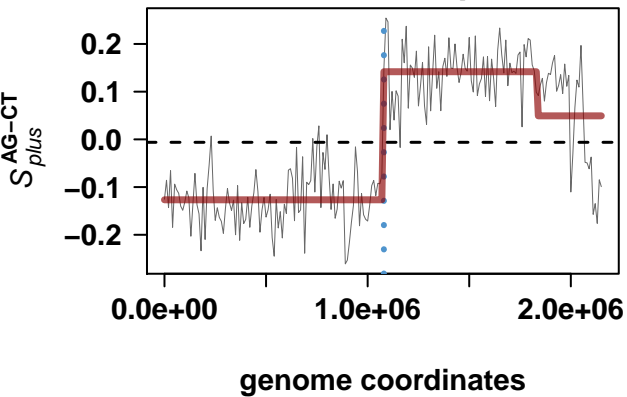


genome coordinates

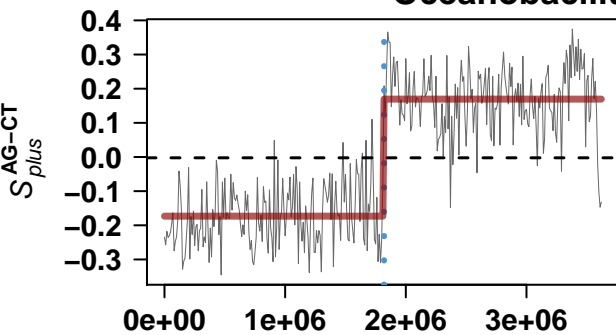


genome coordinates

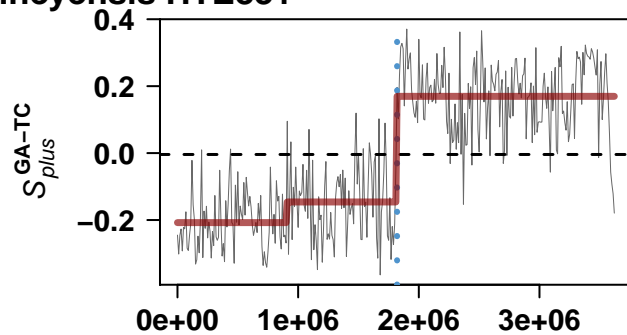
# Streptococcus agalactiae 2603V/R



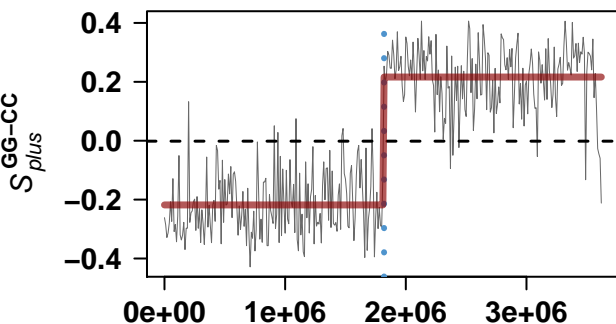
# Oceanobacillus iheyensis HTE831



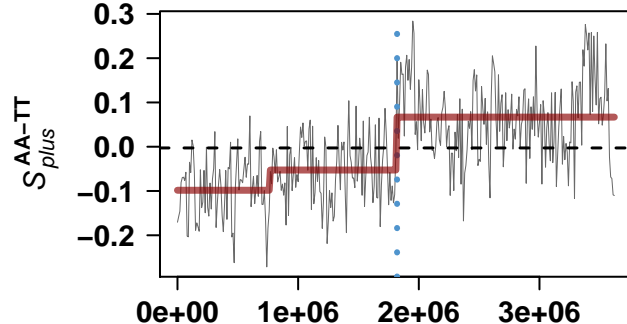
genome coordinates



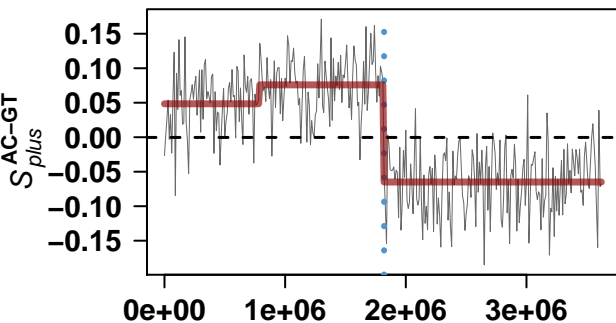
genome coordinates



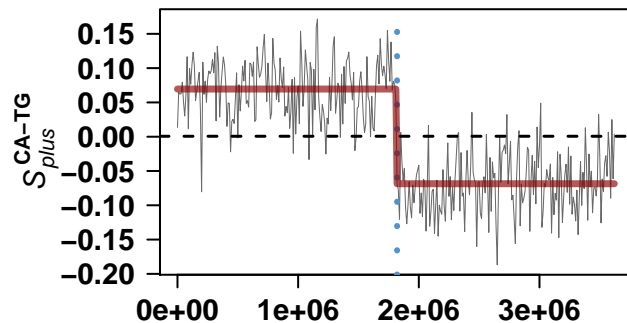
genome coordinates



genome coordinates

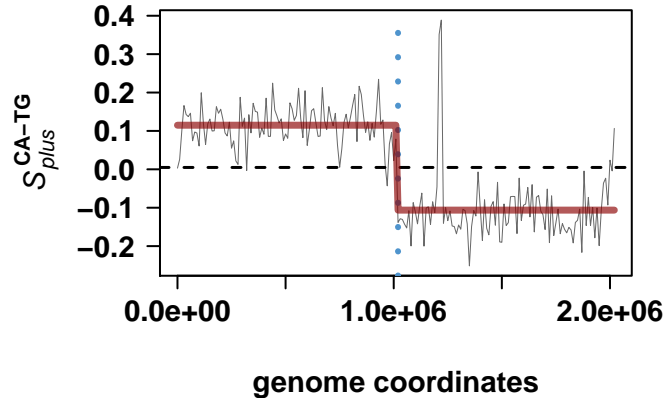
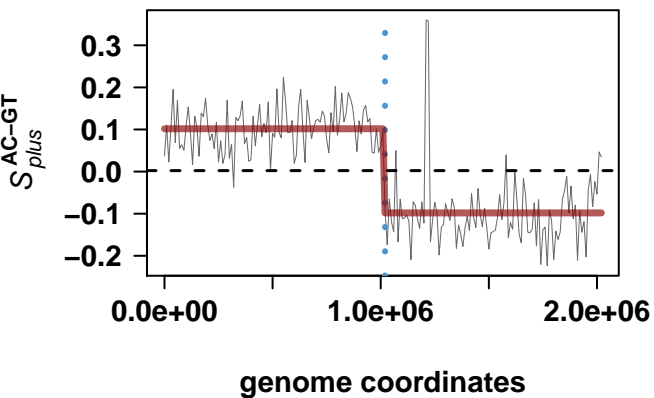
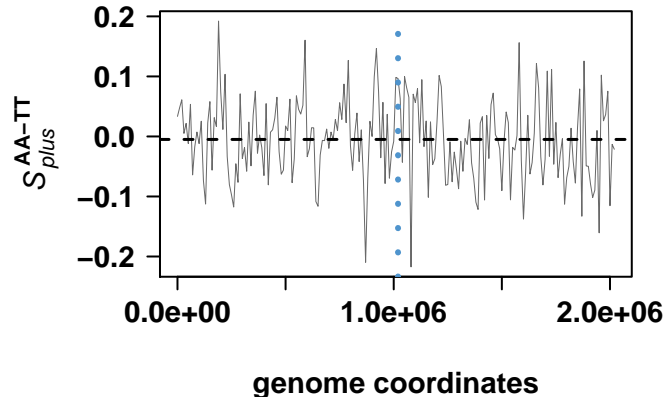
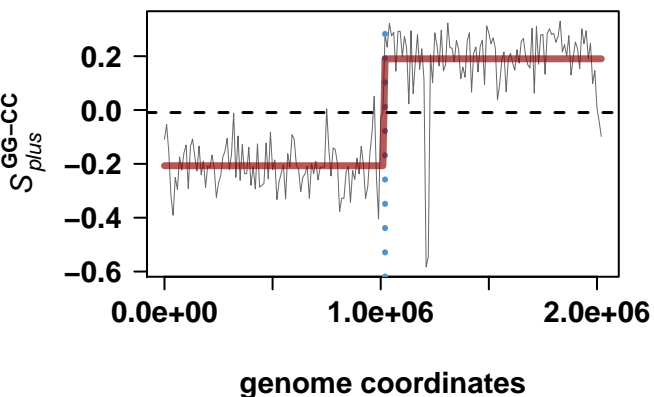
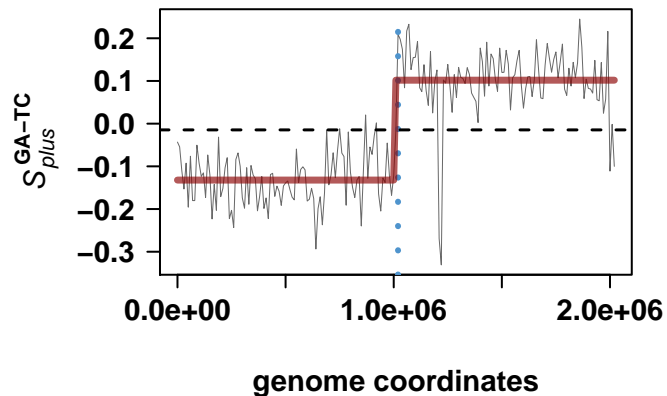
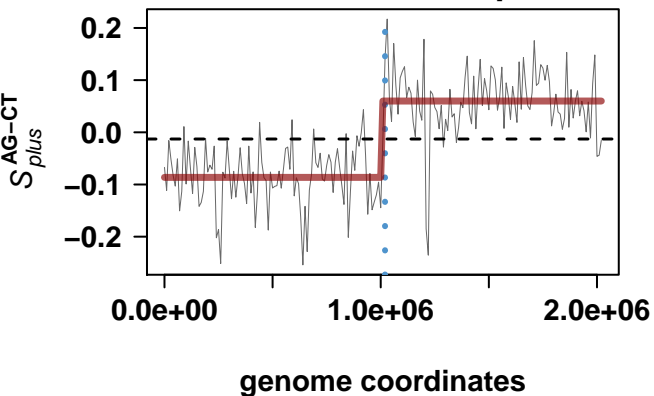


genome coordinates

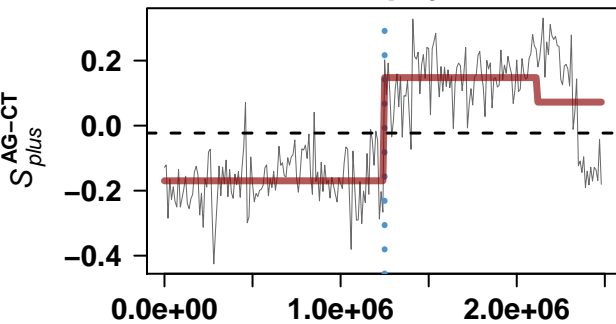


genome coordinates

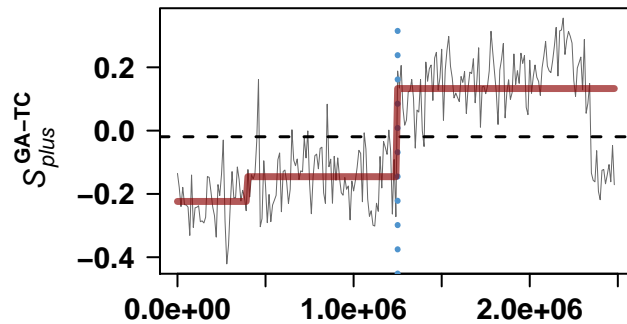
# Streptococcus mutans UA159



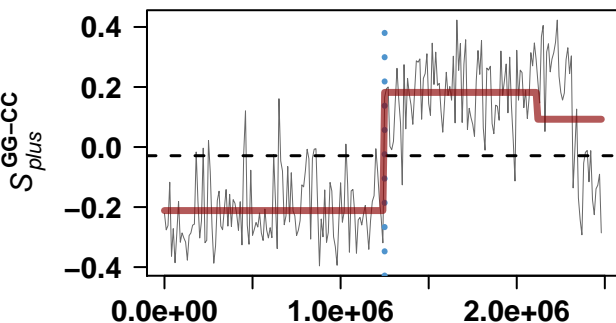
# Staphylococcus epidermidis ATCC 12228



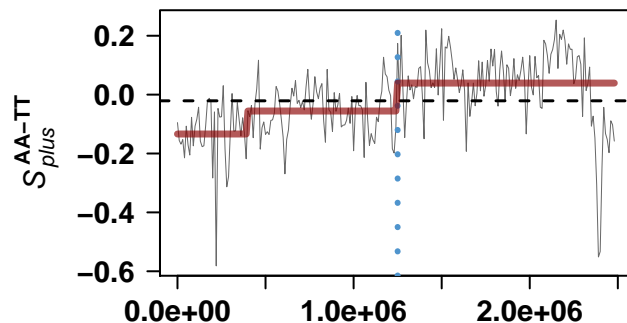
genome coordinates



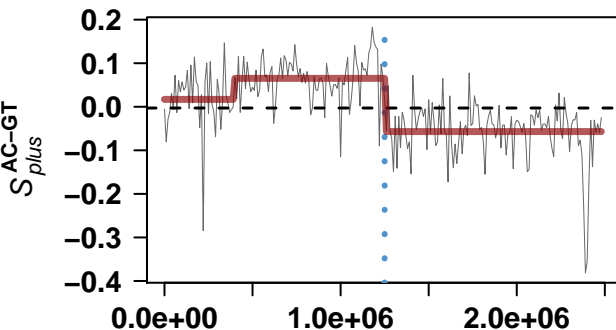
genome coordinates



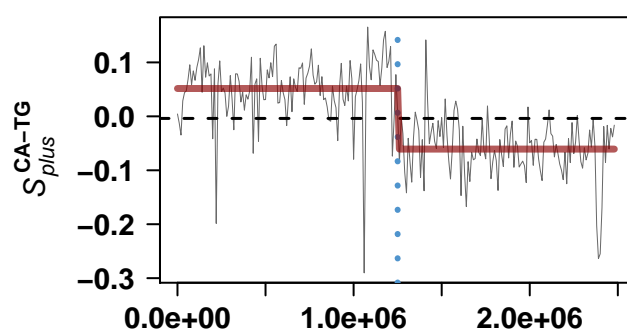
genome coordinates



genome coordinates

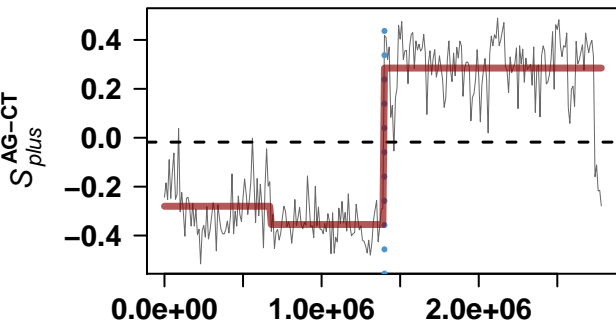


genome coordinates

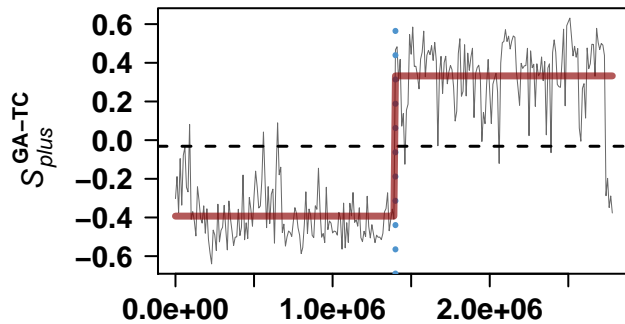


genome coordinates

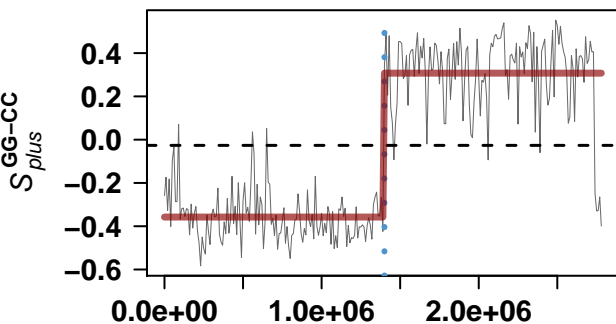
# Clostridium tetani E88



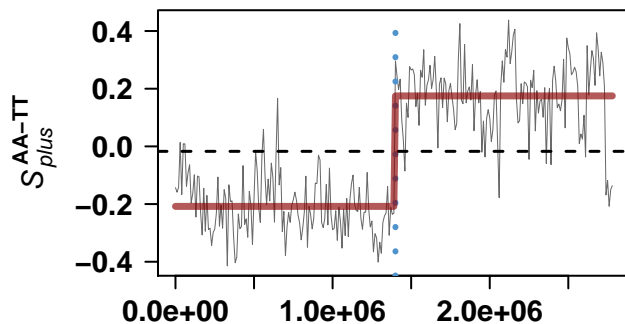
genome coordinates



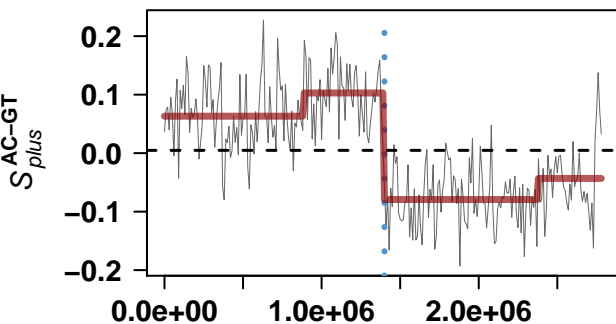
genome coordinates



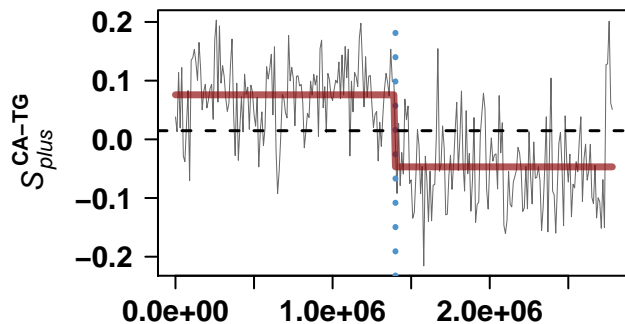
genome coordinates



genome coordinates

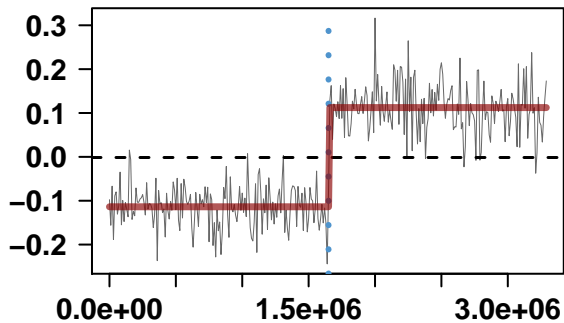


genome coordinates

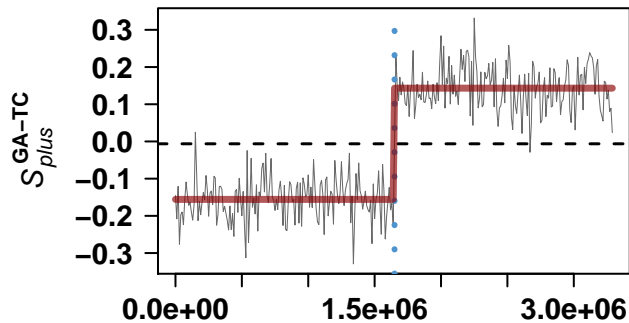


genome coordinates

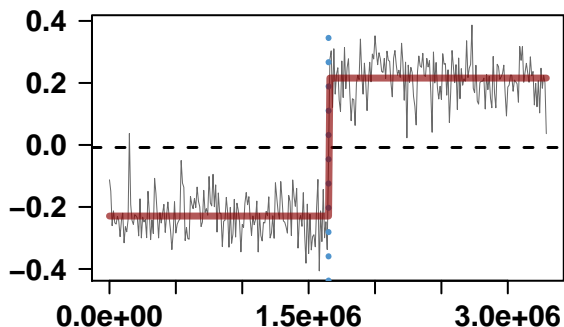
# Lactobacillus plantarum WCFS1



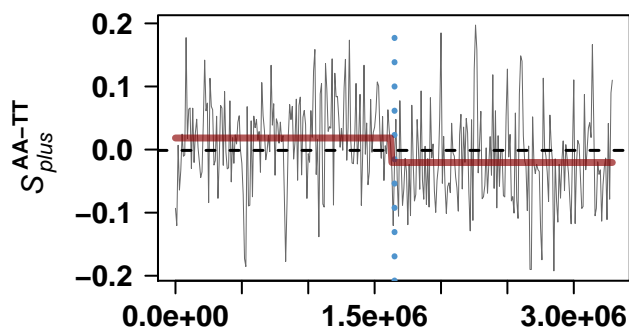
genome coordinates



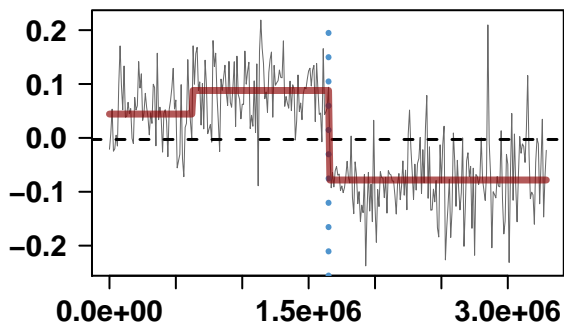
genome coordinates



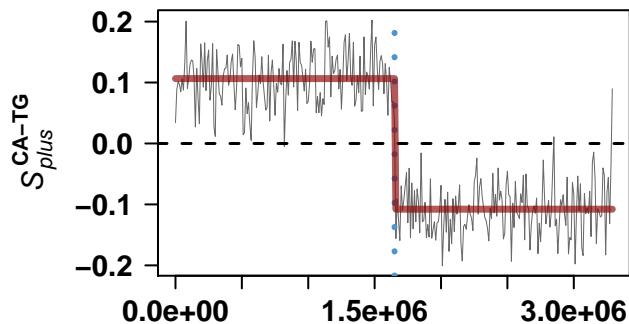
genome coordinates



genome coordinates

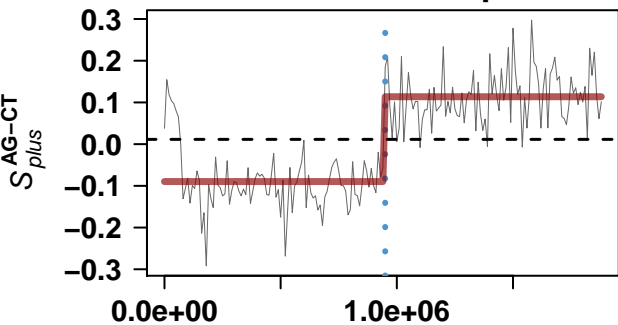


genome coordinates

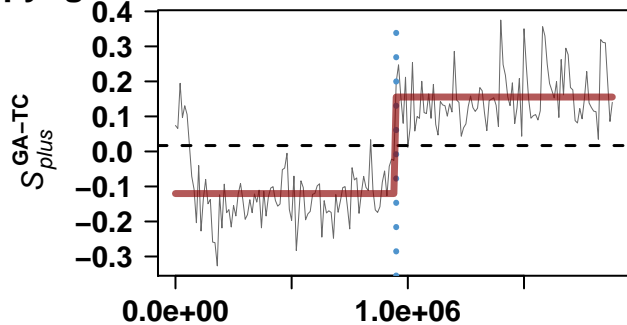


genome coordinates

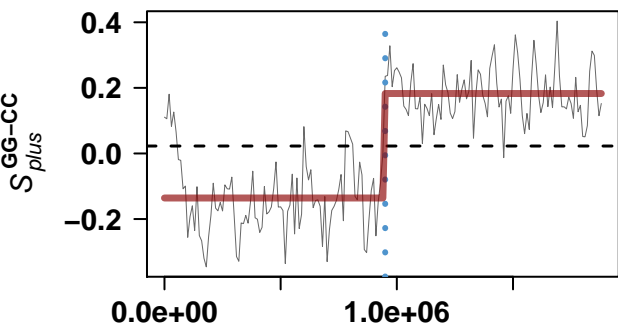
# Streptococcus pyogenes SSI-1



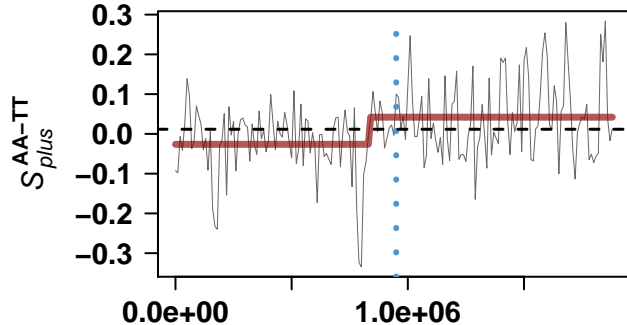
genome coordinates



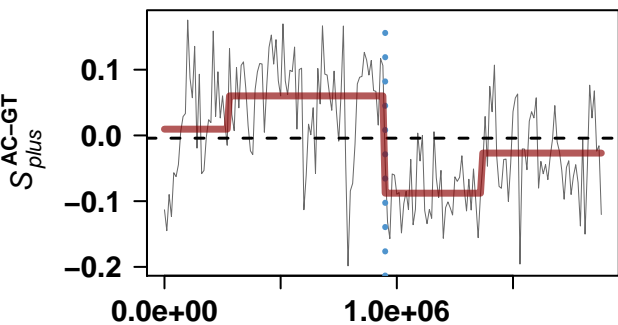
genome coordinates



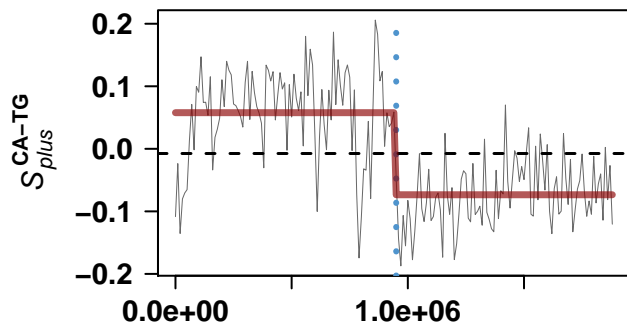
genome coordinates



genome coordinates

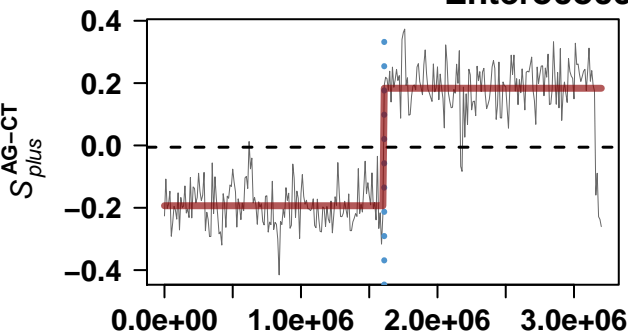


genome coordinates

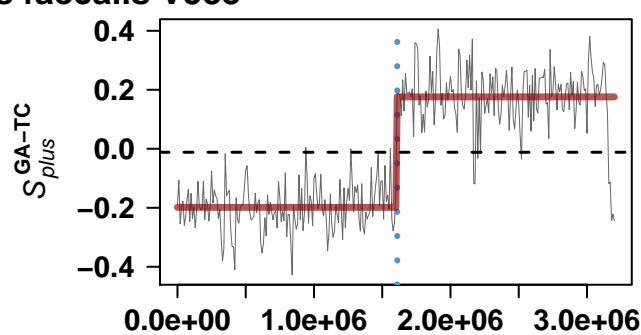


genome coordinates

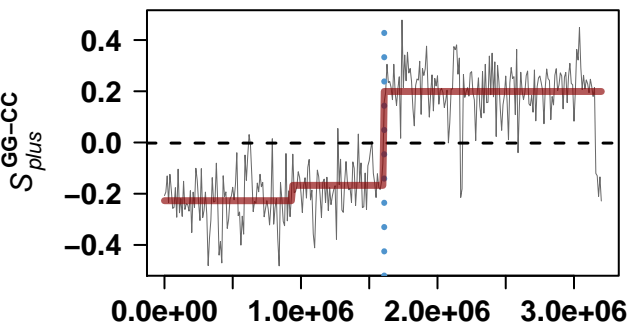
# Enterococcus faecalis V583



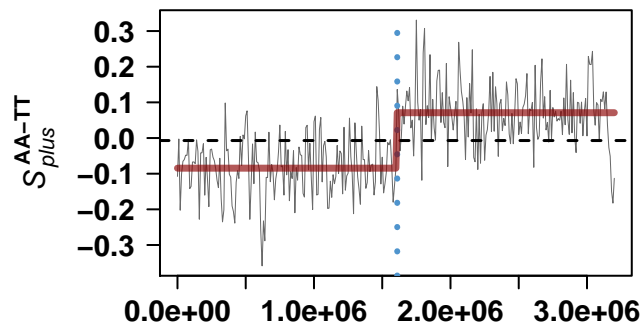
genome coordinates



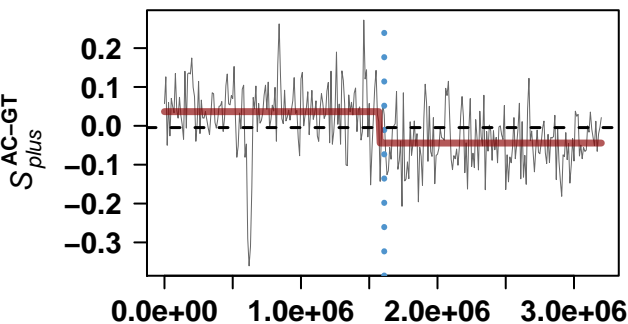
genome coordinates



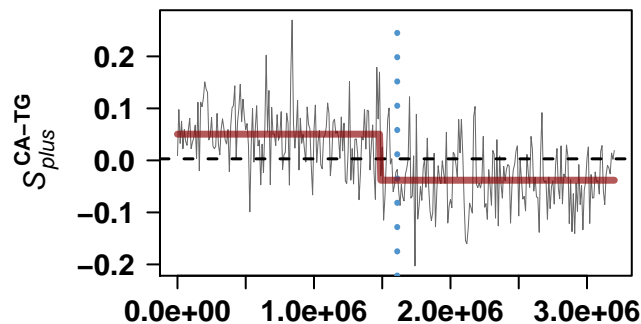
genome coordinates



genome coordinates

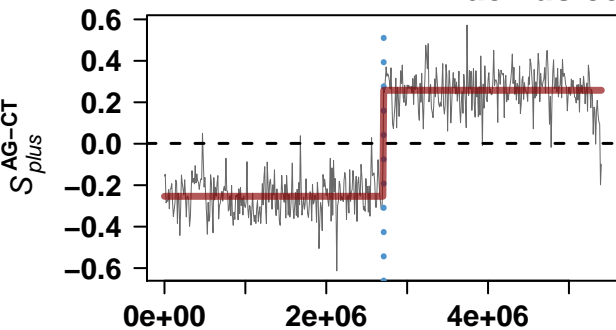


genome coordinates

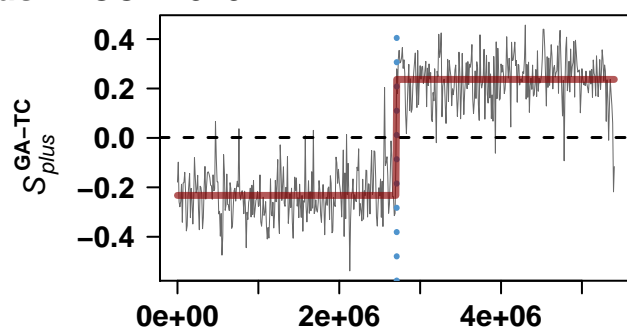


genome coordinates

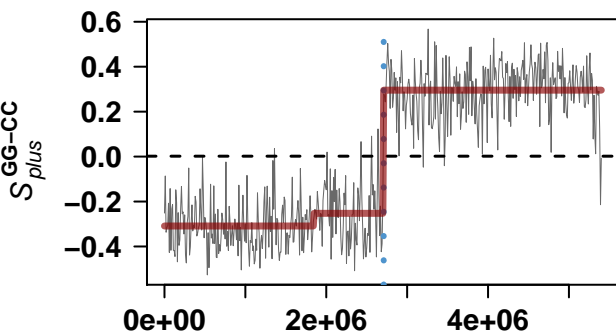
# Bacillus cereus ATCC 14579



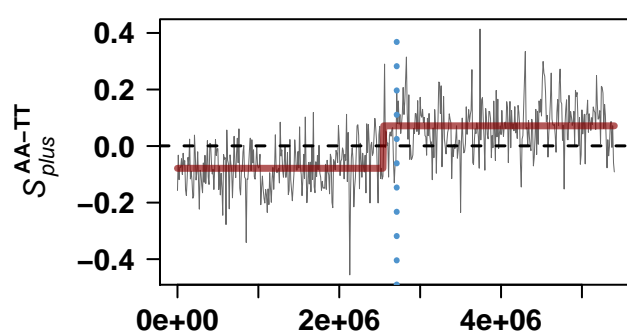
genome coordinates



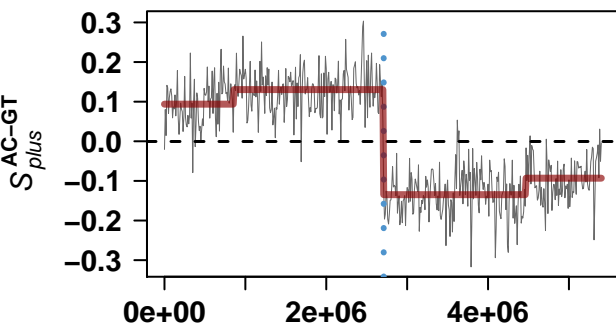
genome coordinates



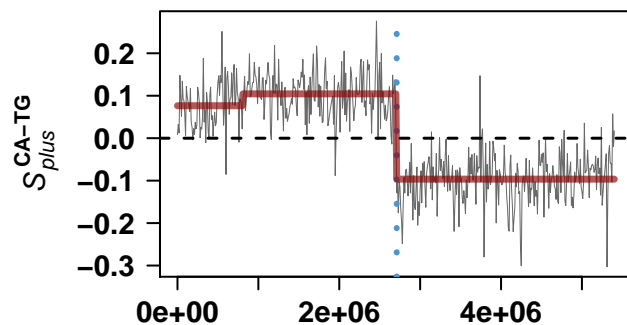
genome coordinates



genome coordinates

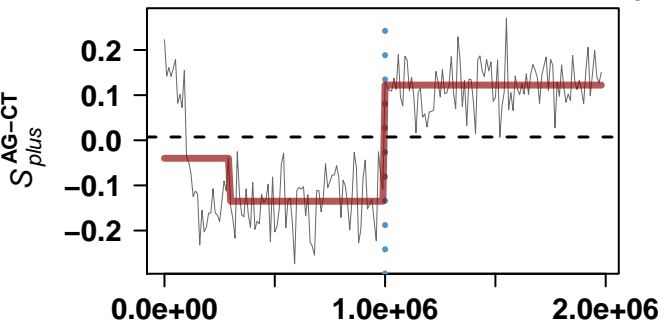


genome coordinates

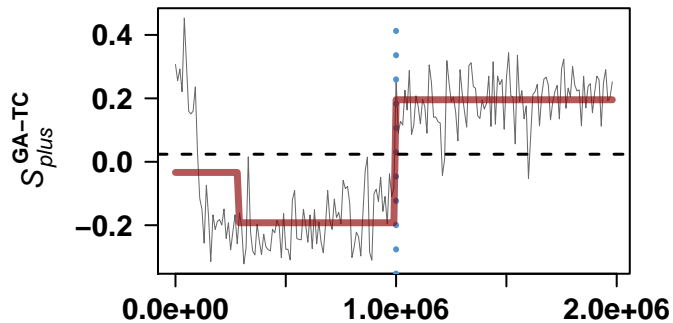


genome coordinates

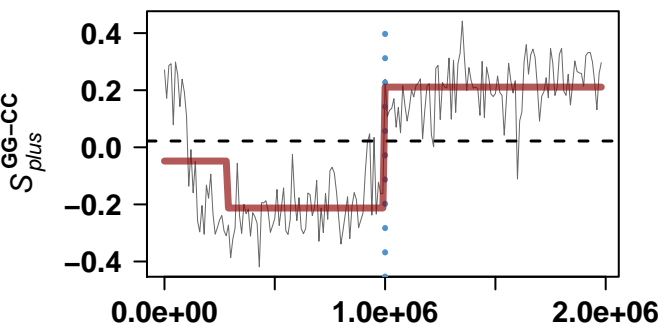
# Lactobacillus johnsonii NCC 533



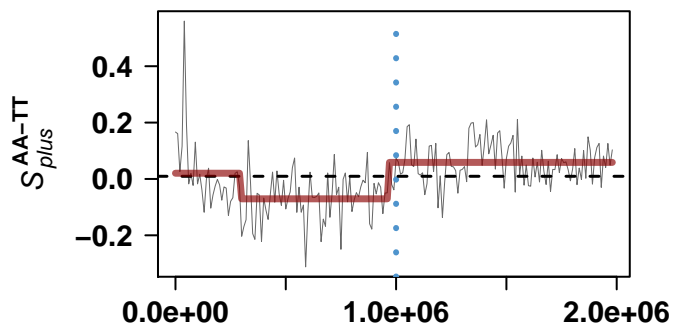
genome coordinates



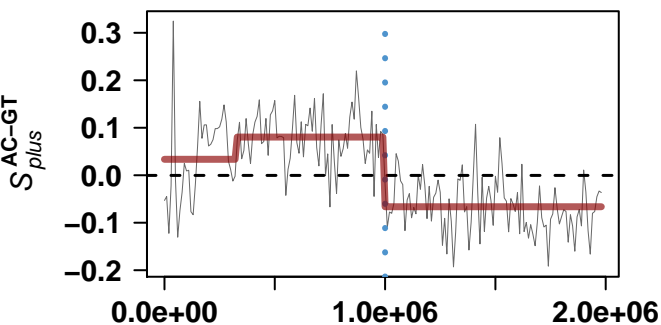
genome coordinates



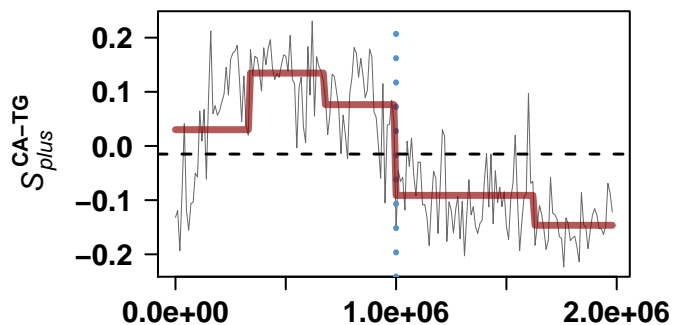
genome coordinates



genome coordinates

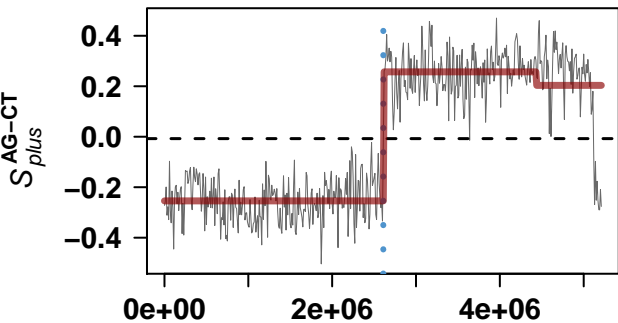


genome coordinates

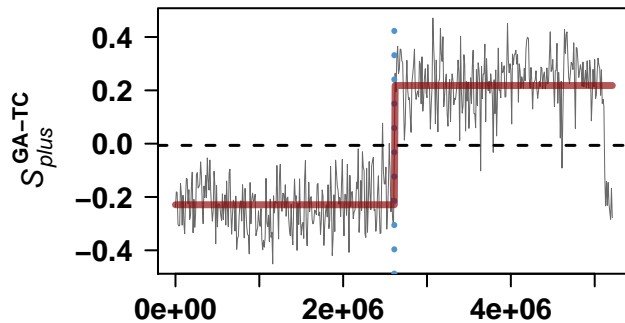


genome coordinates

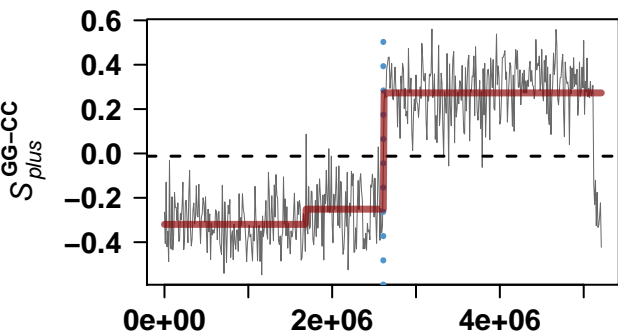
# Bacillus anthracis str. Sterne



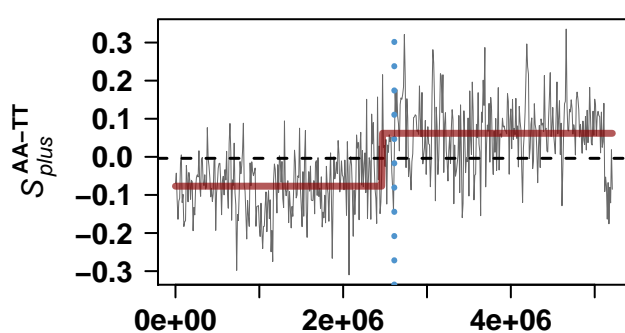
genome coordinates



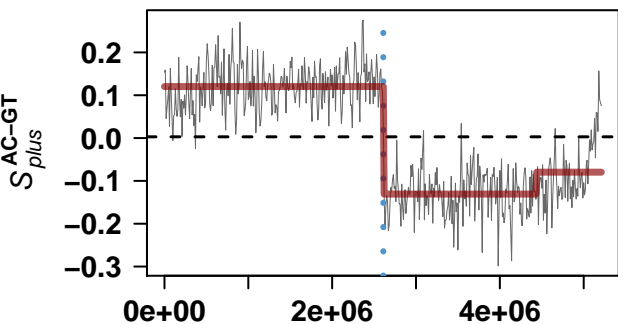
genome coordinates



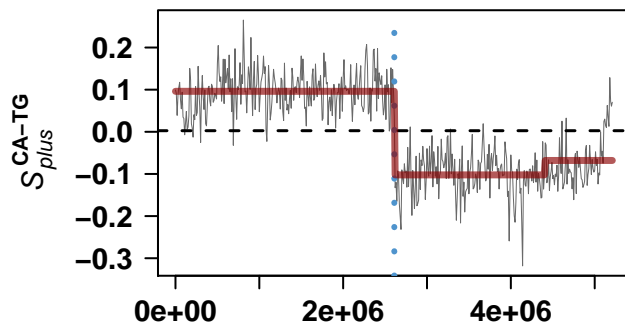
genome coordinates



genome coordinates

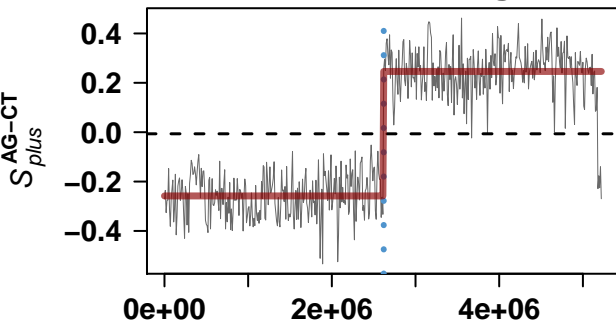


genome coordinates

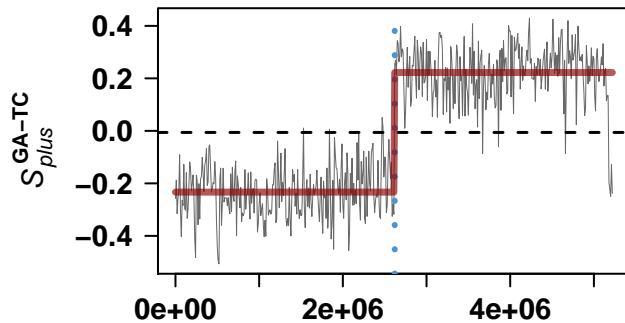


genome coordinates

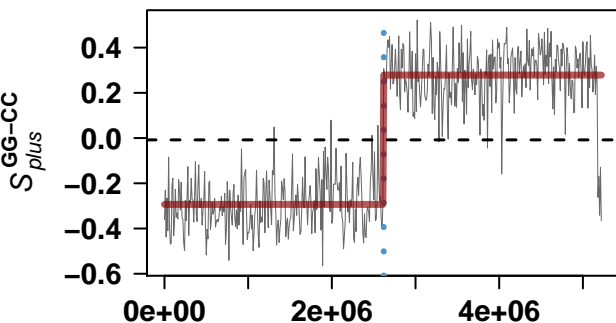
# Bacillus thuringiensis serovar konkukian str. 97-27



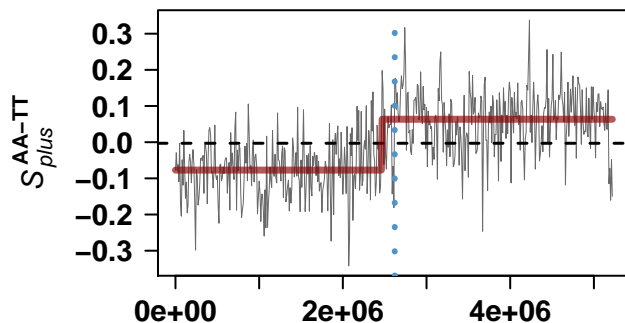
genome coordinates



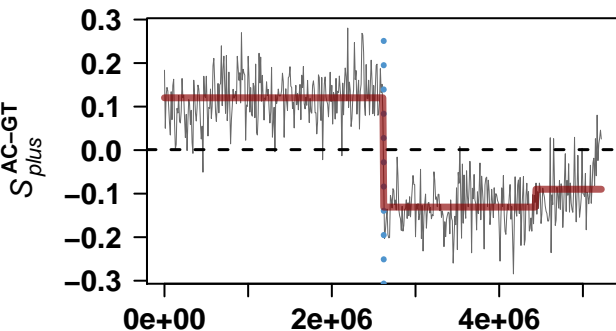
genome coordinates



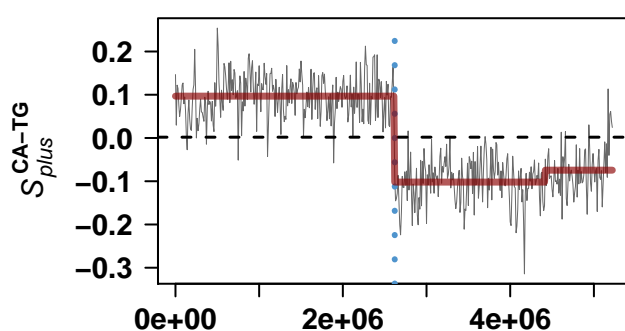
genome coordinates



genome coordinates

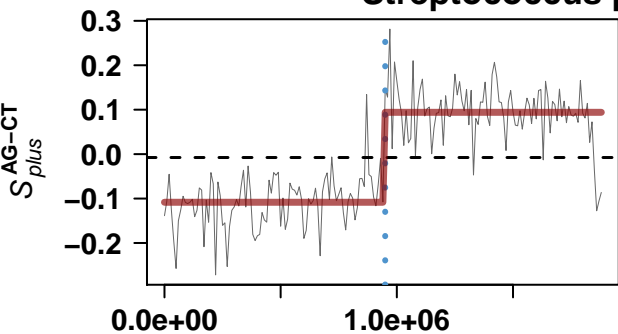


genome coordinates

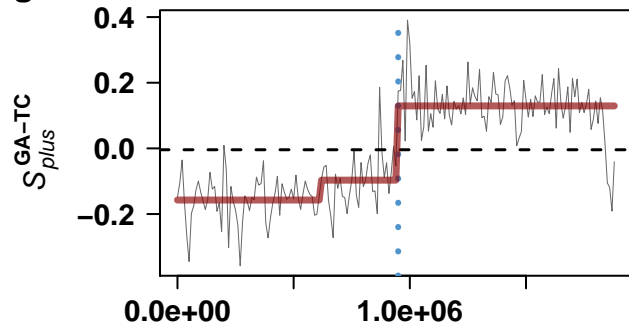


genome coordinates

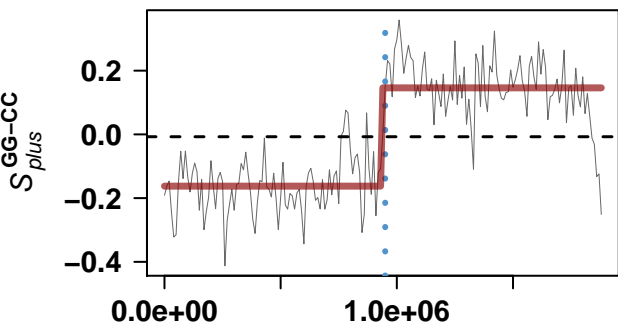
# Streptococcus pyogenes MGAS10394



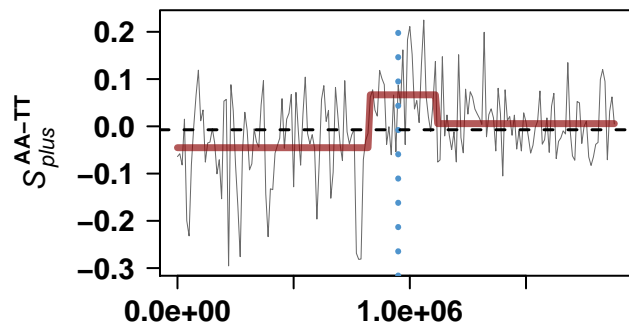
genome coordinates



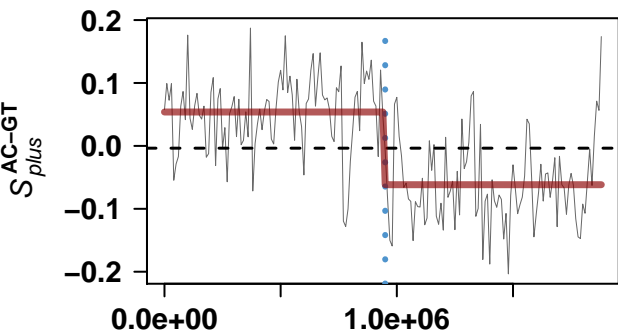
genome coordinates



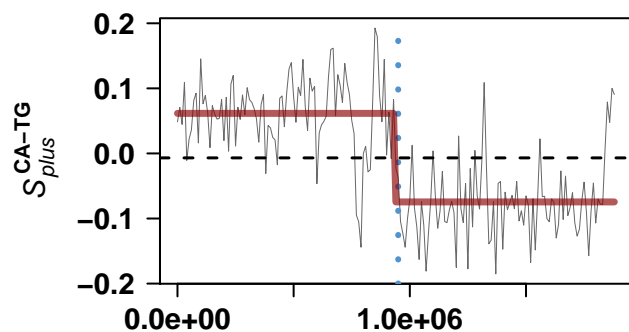
genome coordinates



genome coordinates

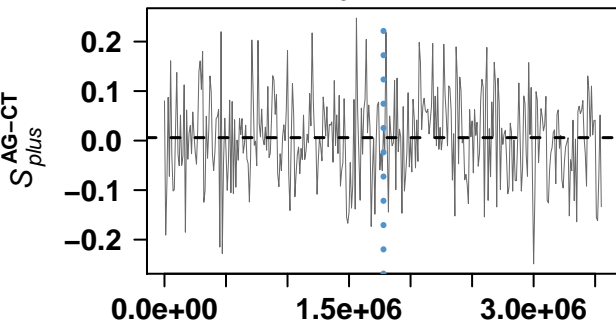


genome coordinates

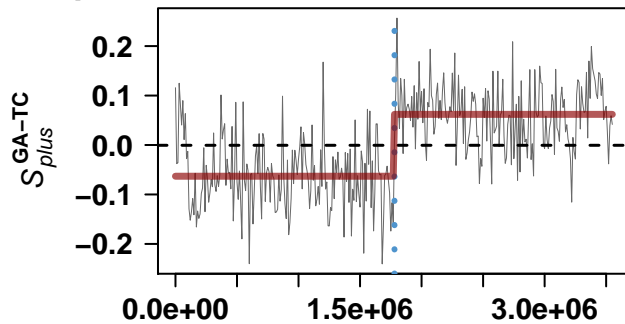


genome coordinates

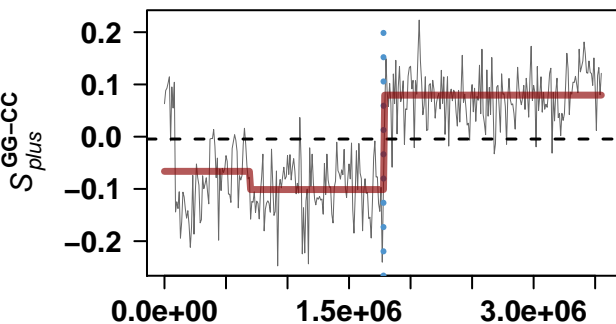
# Symbiobacterium thermophilum IAM 14863



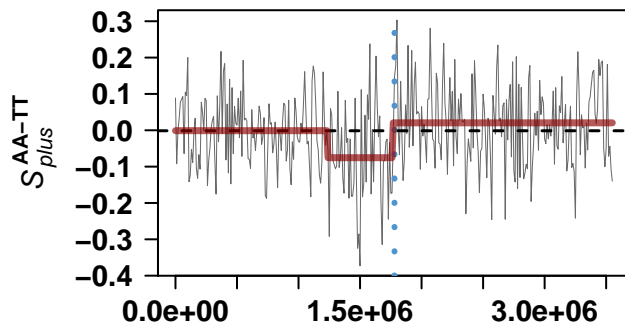
genome coordinates



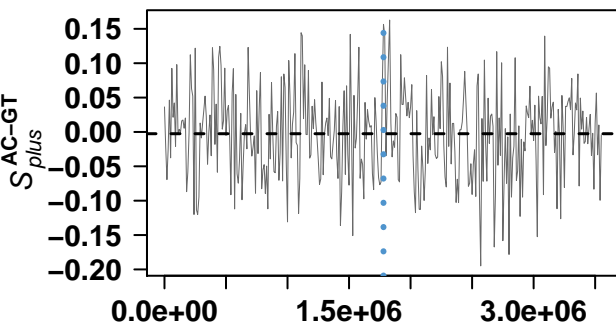
genome coordinates



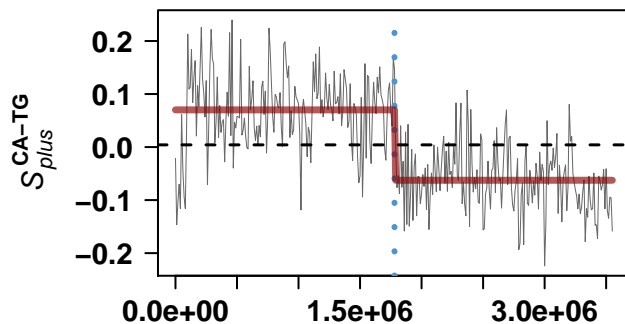
genome coordinates



genome coordinates

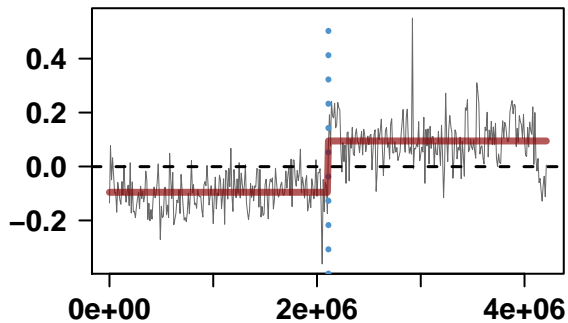


genome coordinates

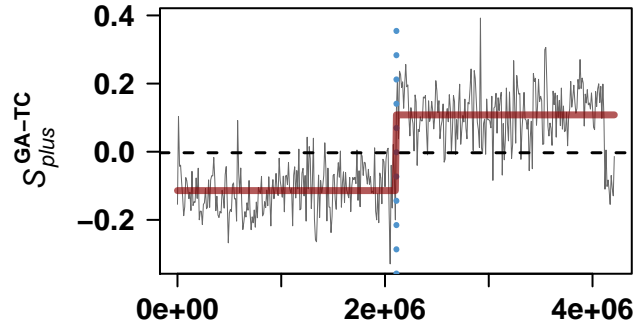


genome coordinates

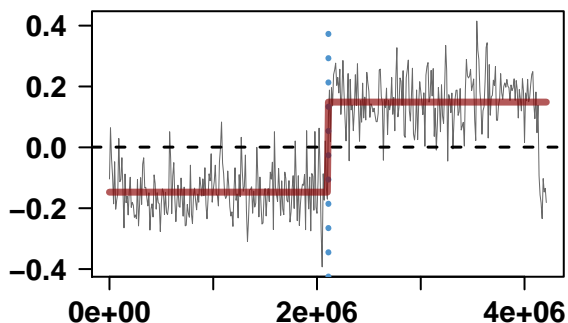
# Bacillus licheniformis DSM 13 = ATCC 14580



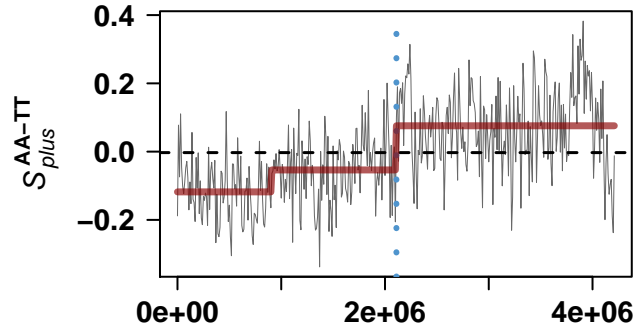
genome coordinates



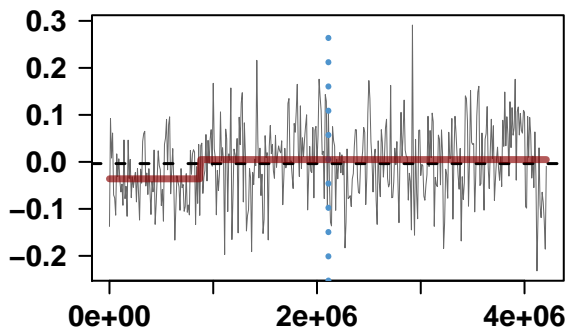
genome coordinates



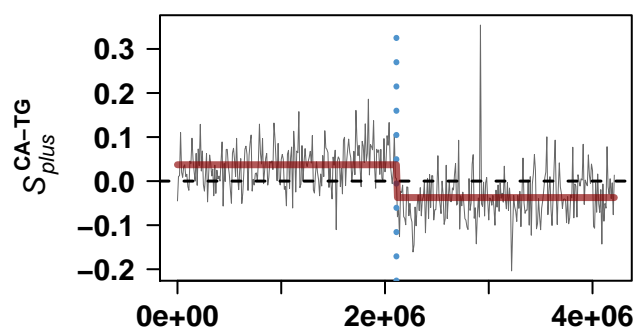
genome coordinates



genome coordinates

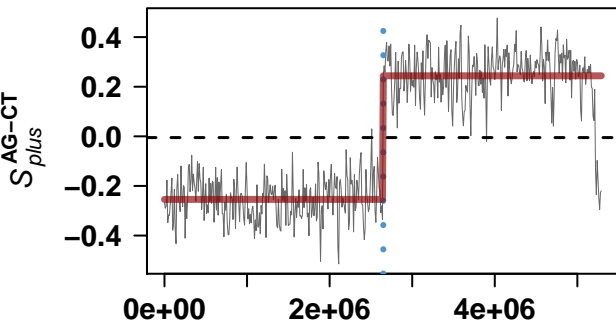


genome coordinates

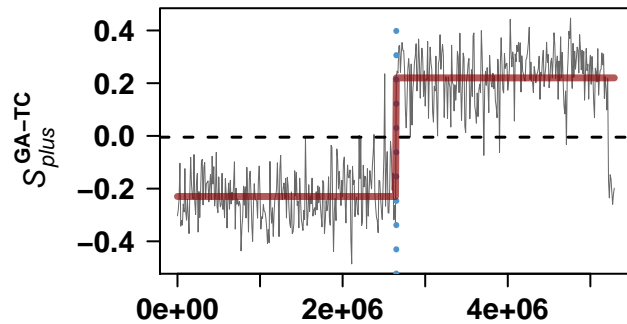


genome coordinates

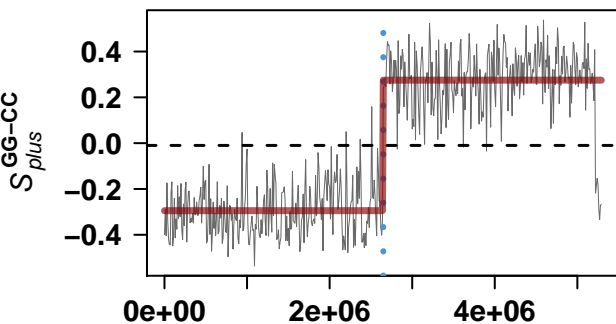
# Bacillus cereus E33L



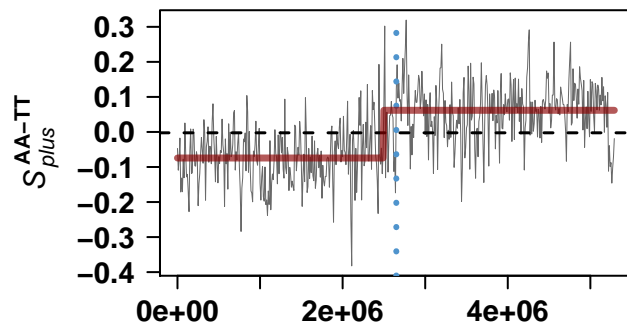
genome coordinates



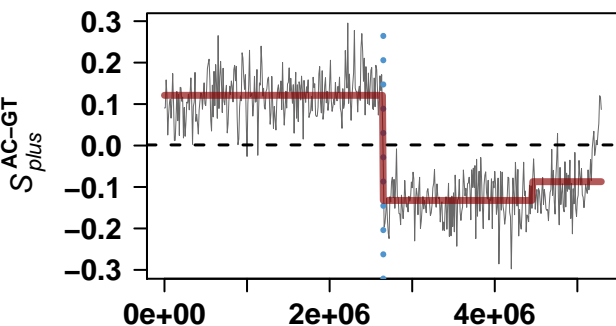
genome coordinates



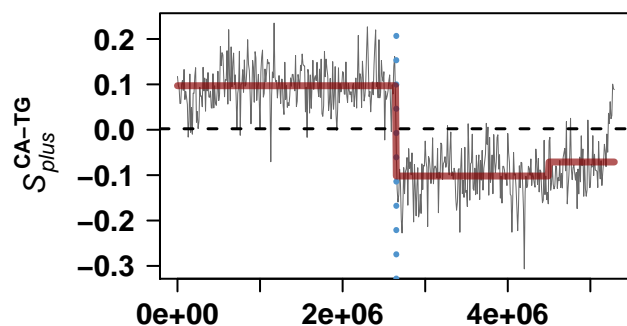
genome coordinates



genome coordinates

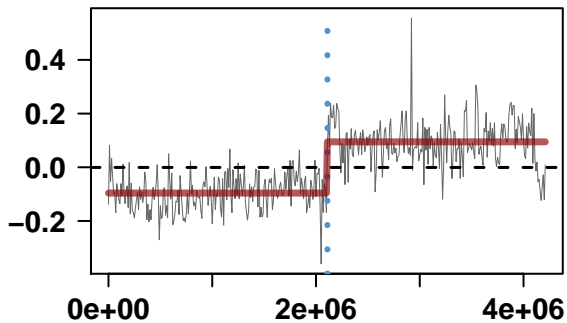


genome coordinates

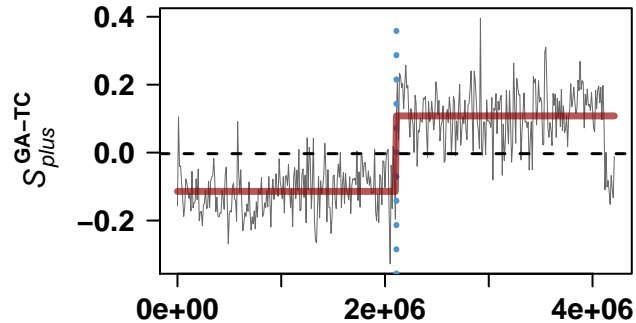


genome coordinates

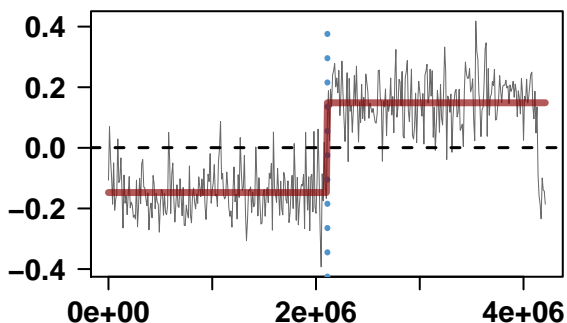
# Bacillus licheniformis DSM 13 = ATCC 14580



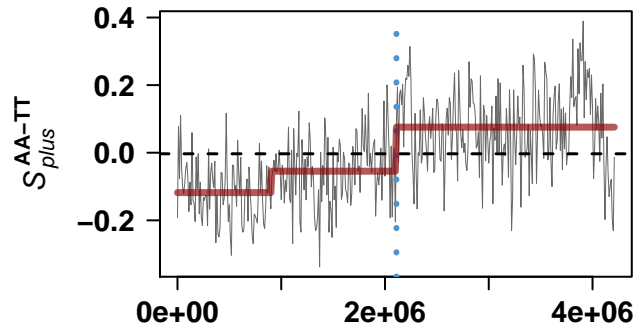
genome coordinates



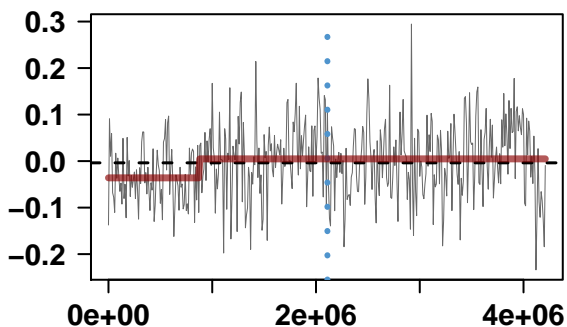
genome coordinates



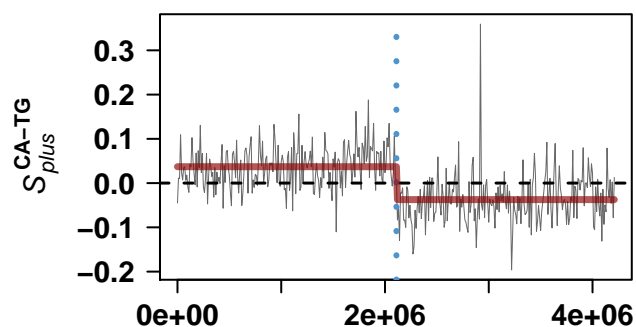
genome coordinates



genome coordinates

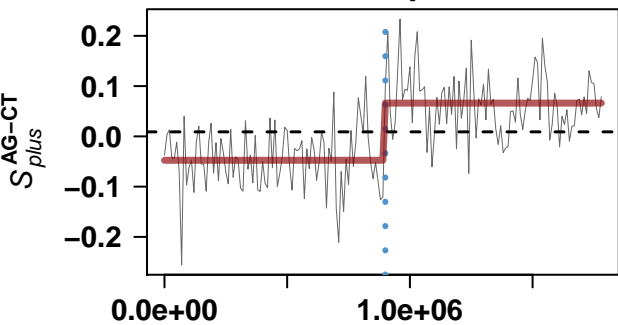


genome coordinates

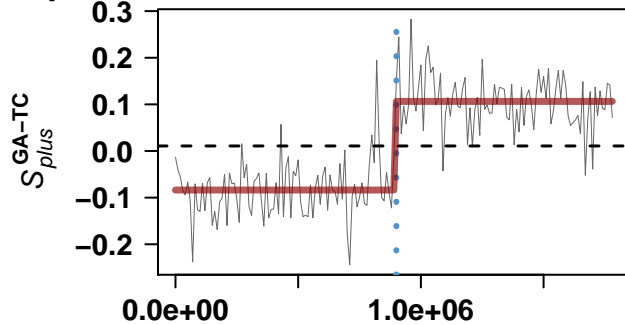


genome coordinates

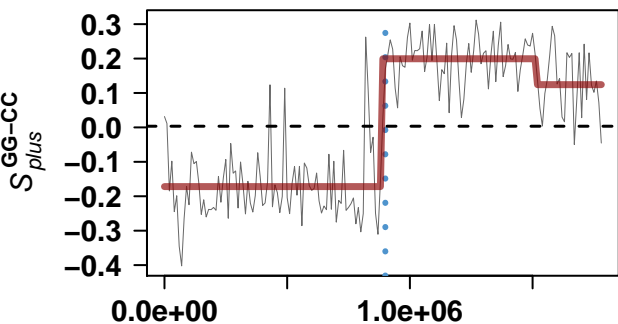
# Streptococcus thermophilus LMG 18311



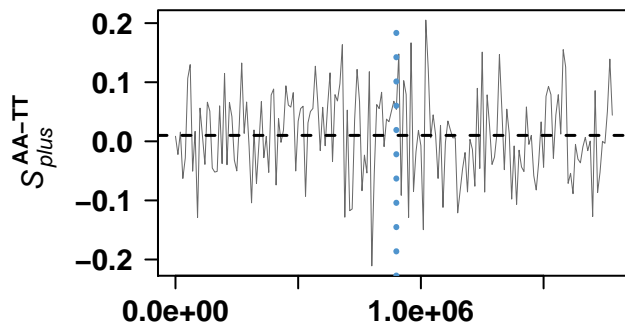
genome coordinates



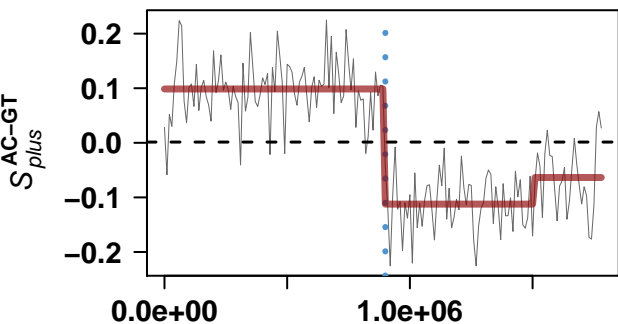
genome coordinates



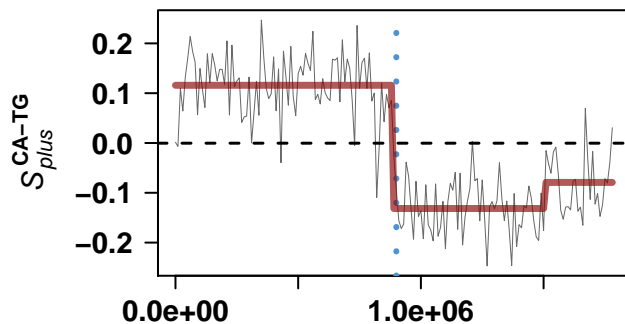
genome coordinates



genome coordinates

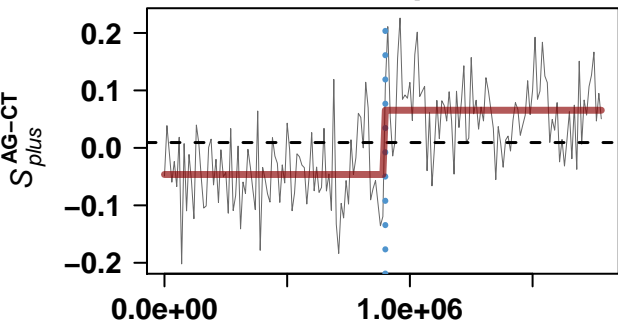


genome coordinates

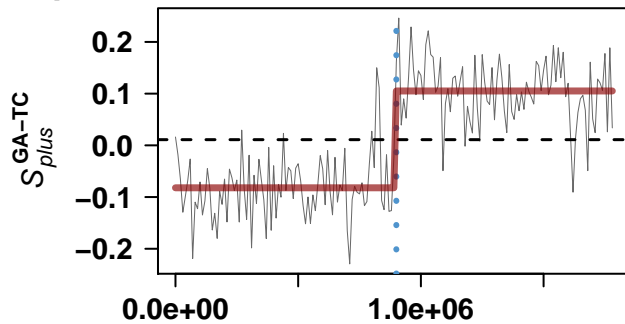


genome coordinates

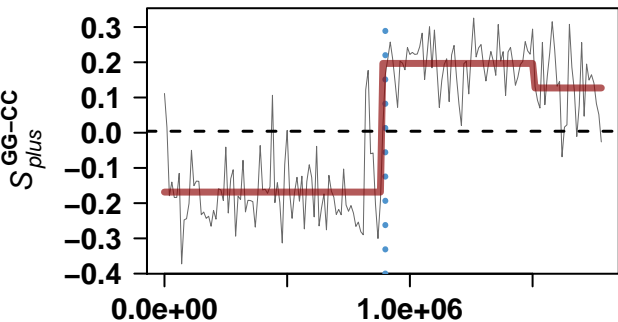
# Streptococcus thermophilus CNRZ1066



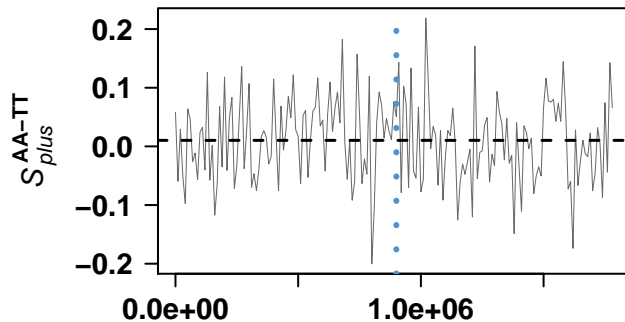
genome coordinates



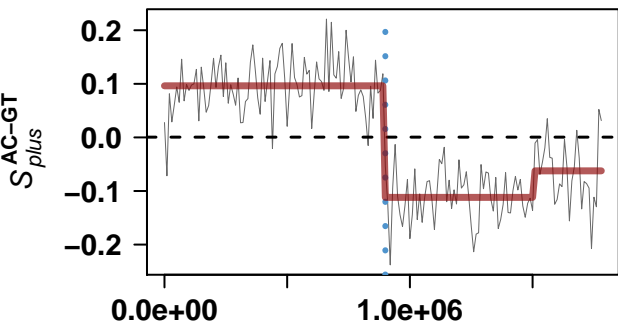
genome coordinates



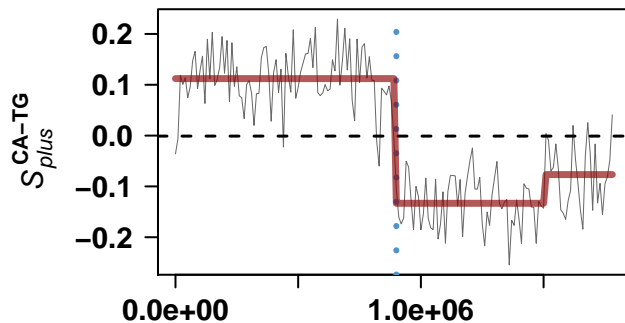
genome coordinates



genome coordinates

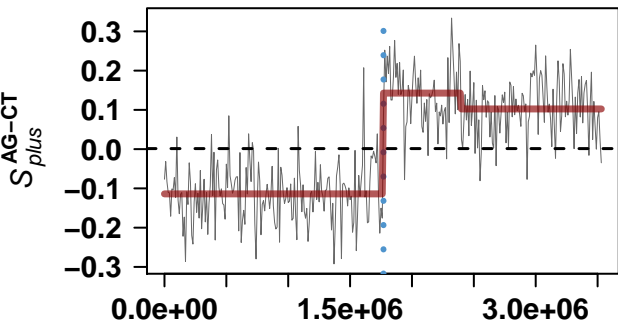


genome coordinates

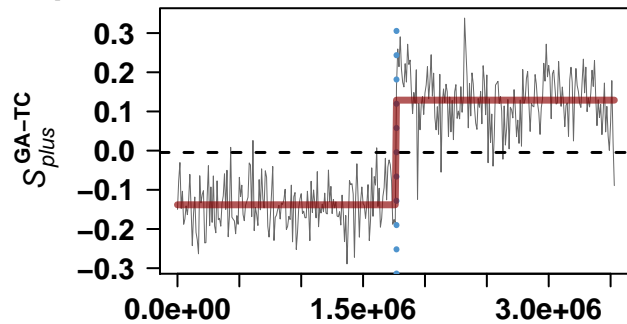


genome coordinates

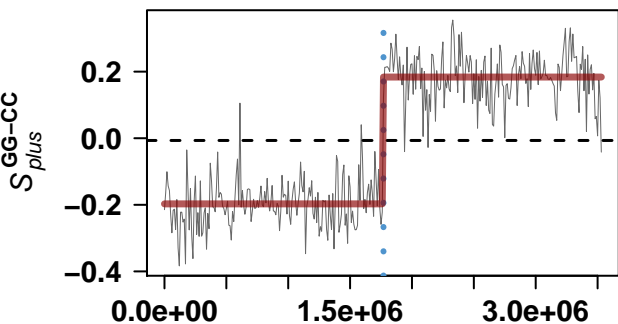
# Geobacillus kaustophilus HTA426



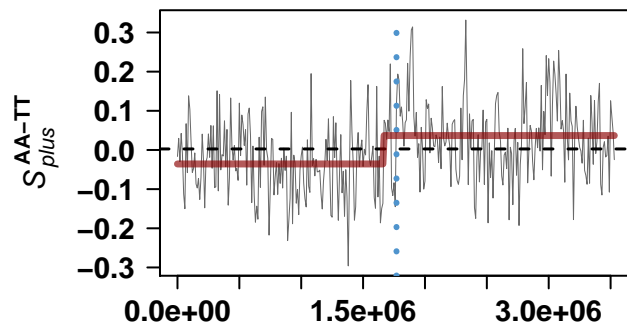
genome coordinates



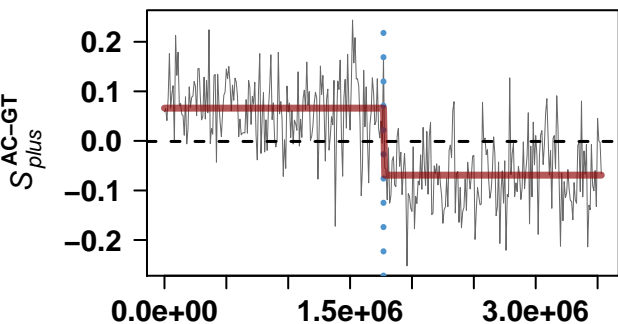
genome coordinates



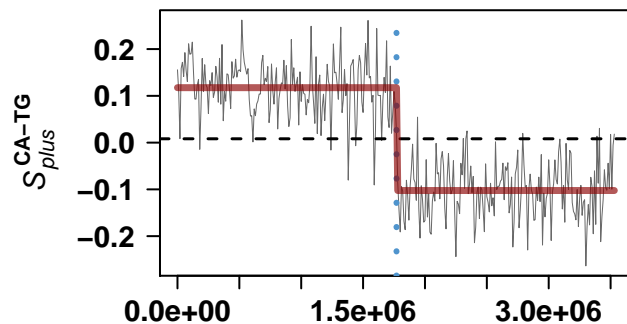
genome coordinates



genome coordinates

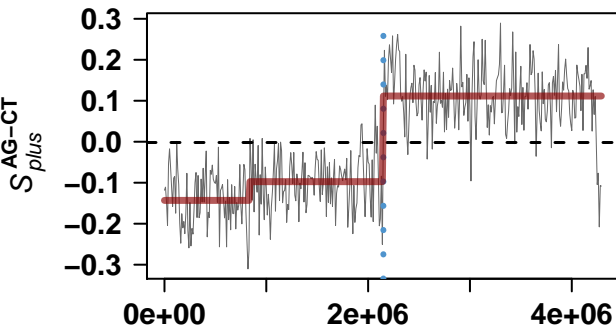


genome coordinates

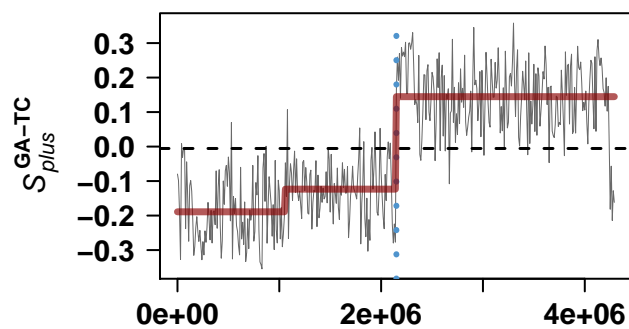


genome coordinates

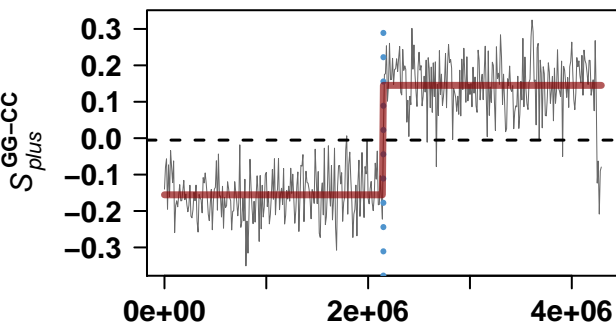
# Bacillus clausii KSM-K16



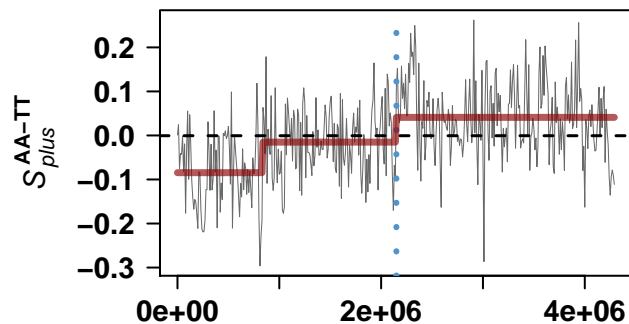
genome coordinates



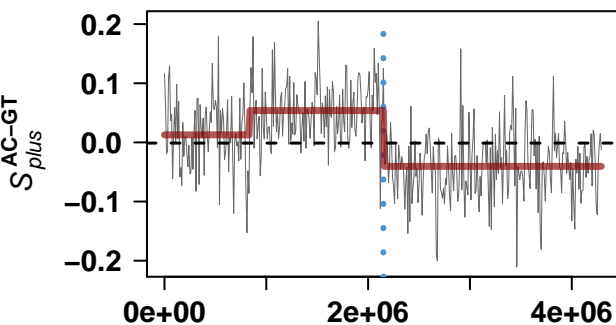
genome coordinates



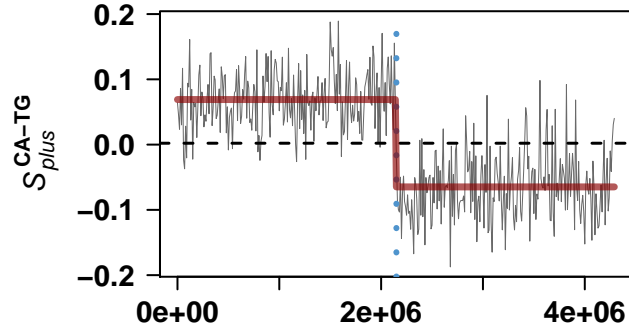
genome coordinates



genome coordinates

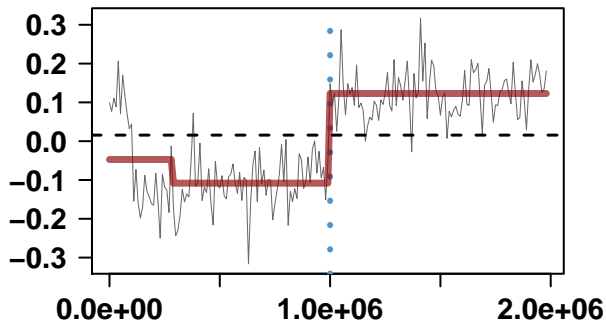


genome coordinates

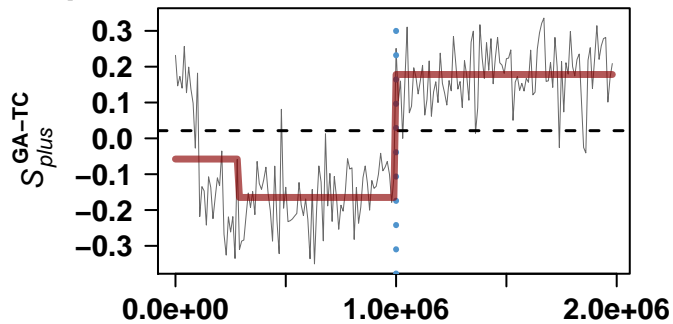


genome coordinates

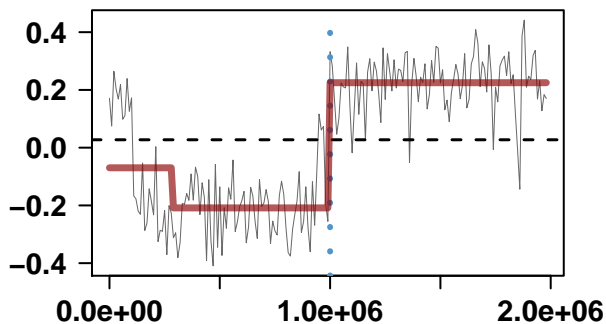
# Lactobacillus acidophilus NCFM



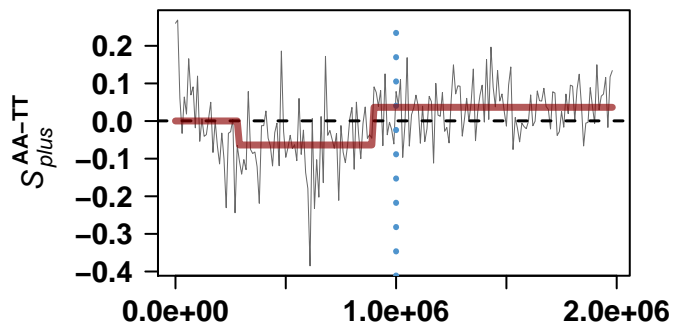
genome coordinates



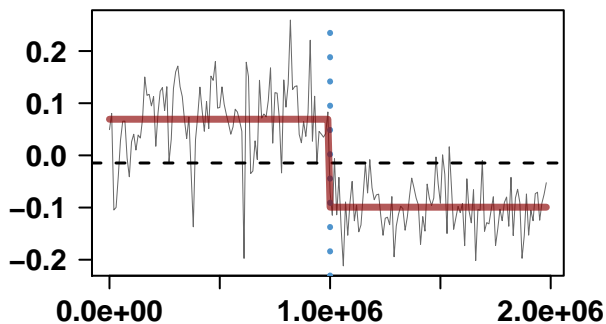
genome coordinates



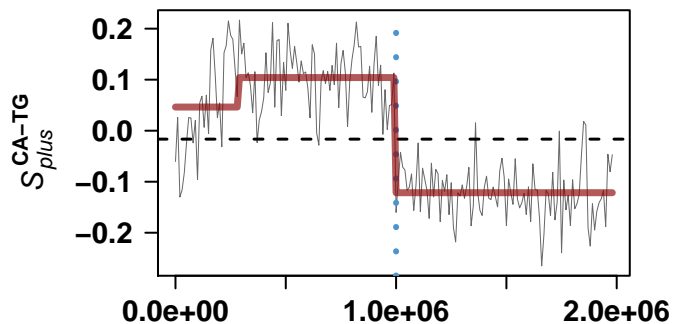
genome coordinates



genome coordinates

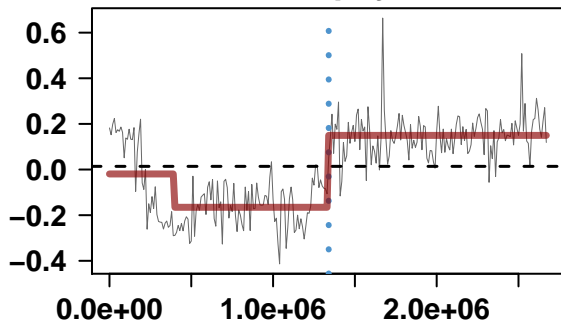


genome coordinates

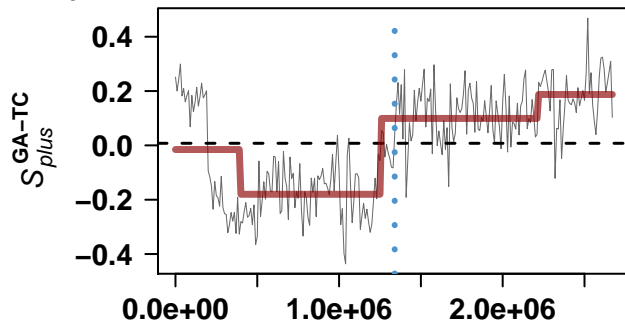


genome coordinates

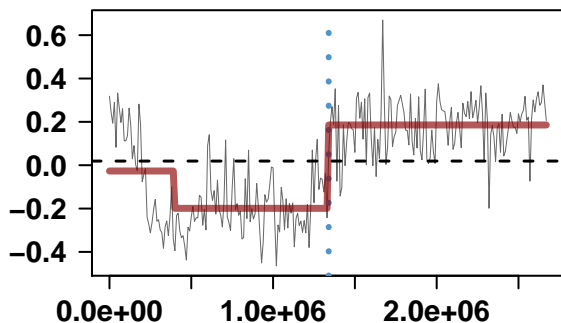
# Staphylococcus haemolyticus JCSC1435



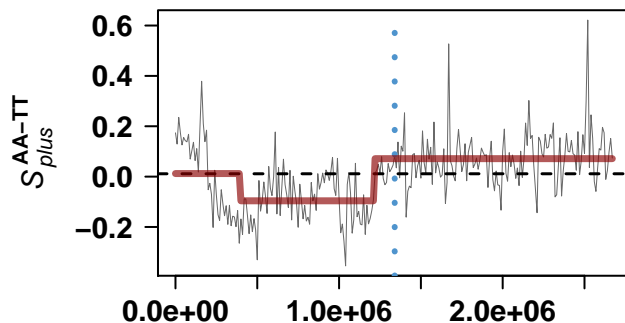
genome coordinates



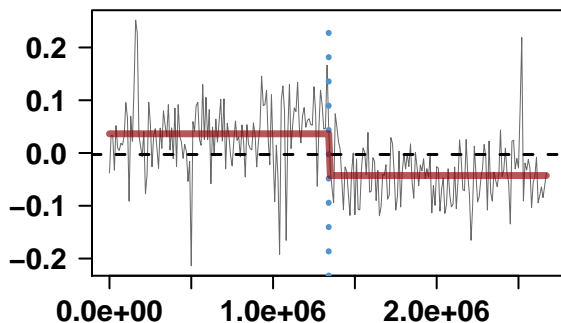
genome coordinates



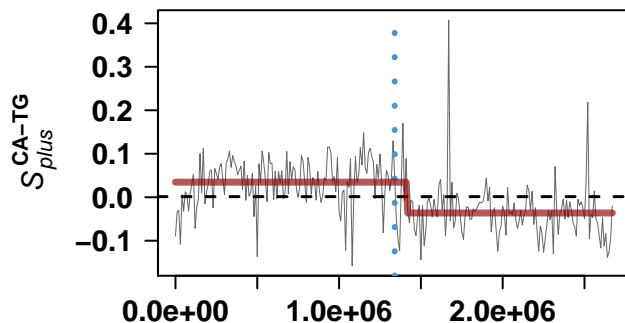
genome coordinates



genome coordinates

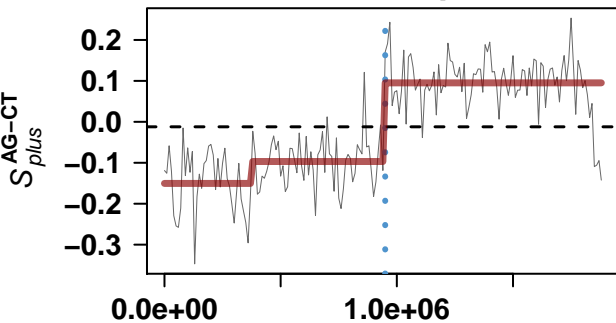


genome coordinates

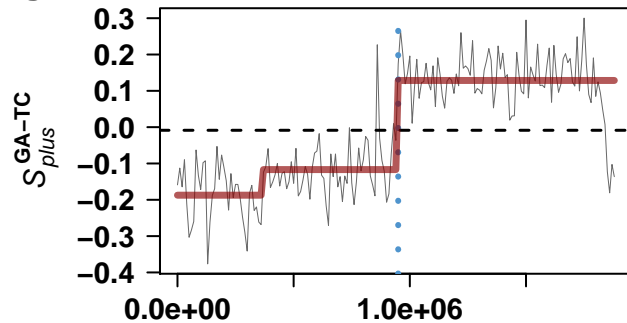


genome coordinates

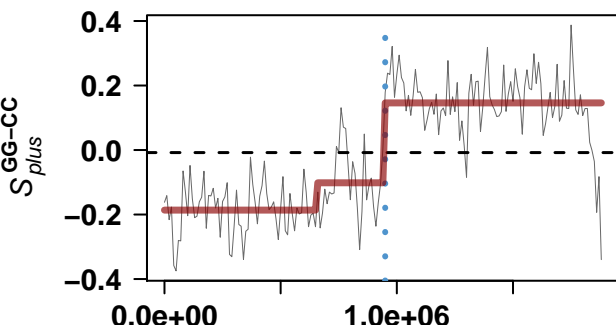
# Streptococcus pyogenes MGAS6180



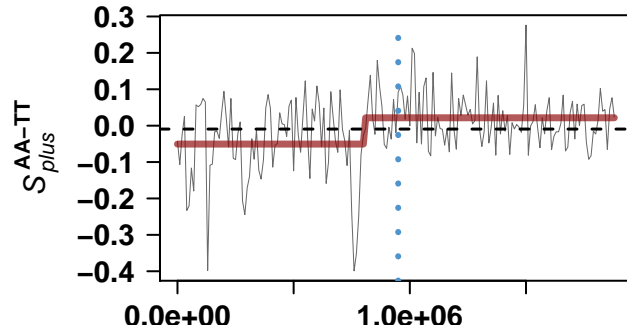
genome coordinates



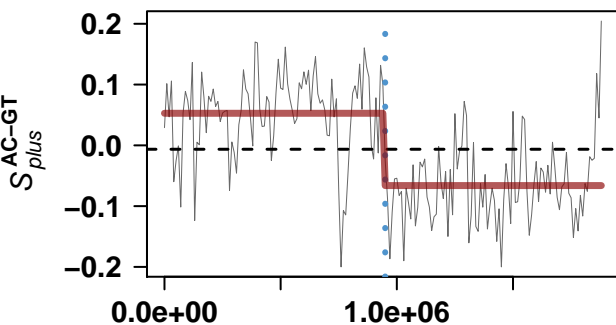
genome coordinates



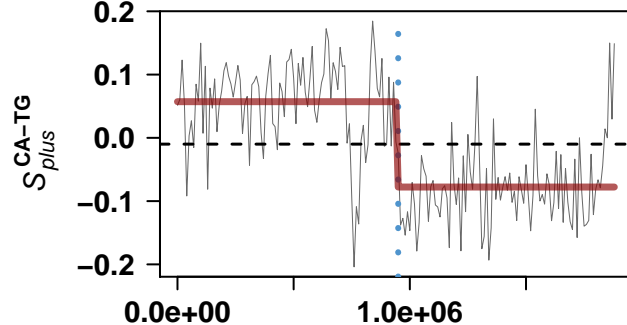
genome coordinates



genome coordinates

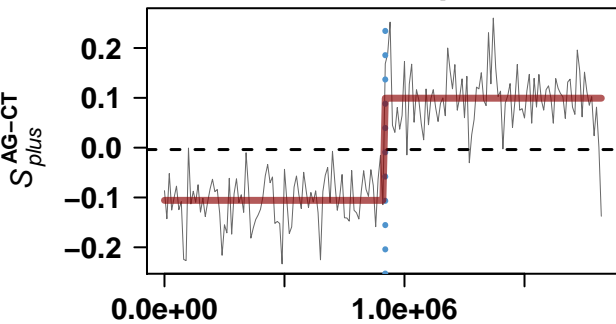


genome coordinates

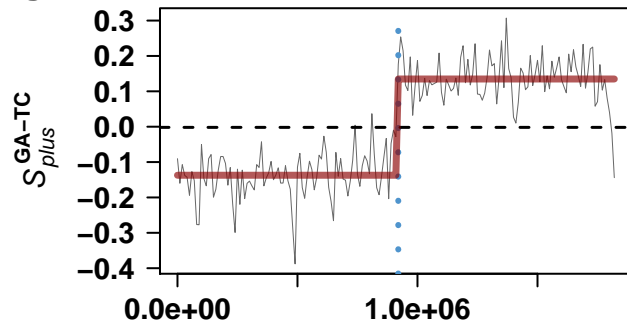


genome coordinates

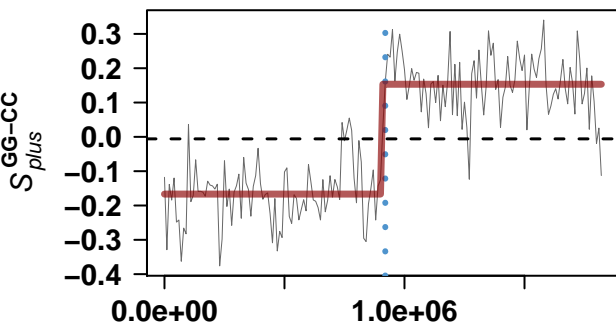
# Streptococcus pyogenes MGAS5005



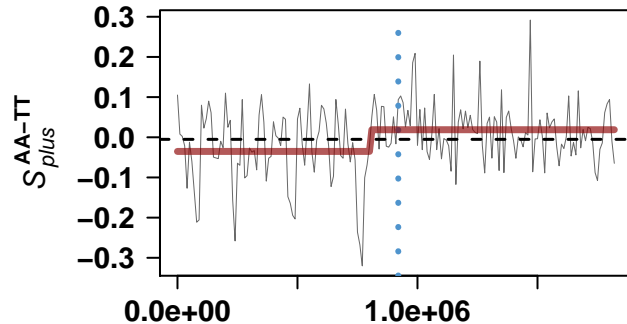
genome coordinates



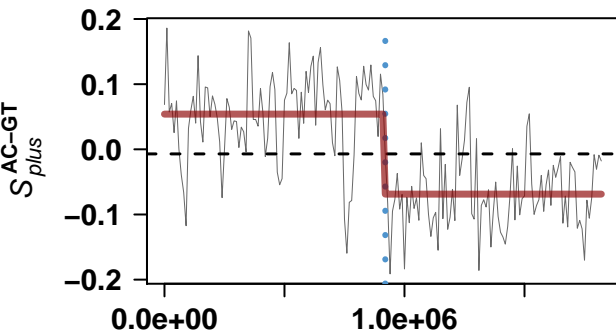
genome coordinates



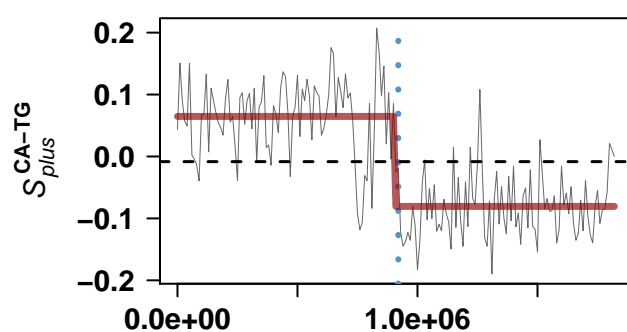
genome coordinates



genome coordinates

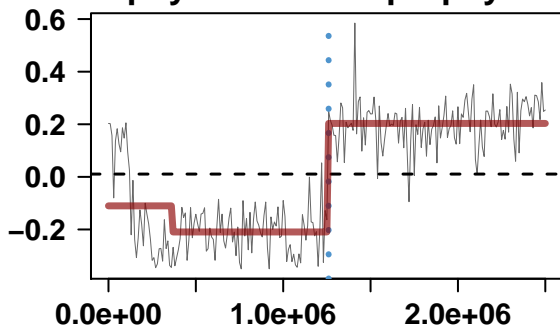


genome coordinates

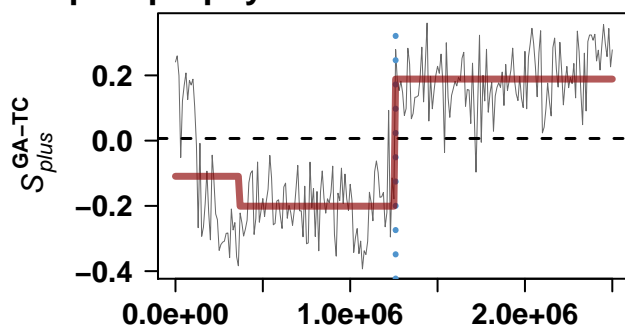


genome coordinates

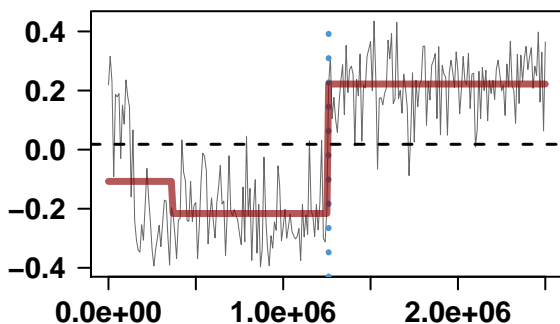
# Staphylococcus saprophyticus subsp. saprophyticus ATCC 15305



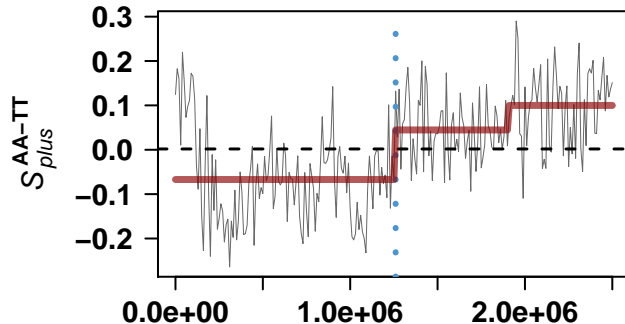
genome coordinates



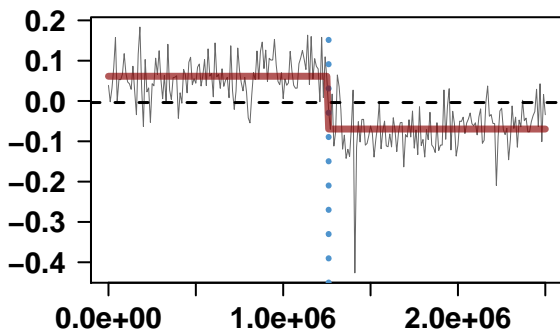
genome coordinates



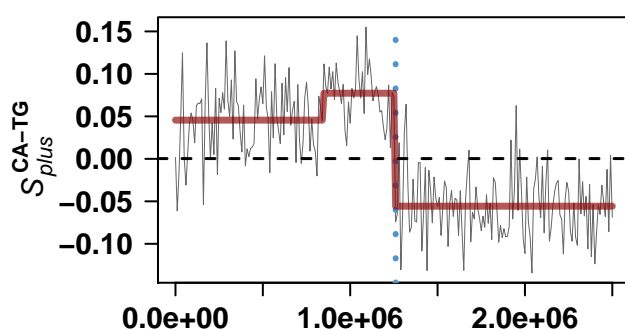
genome coordinates



genome coordinates

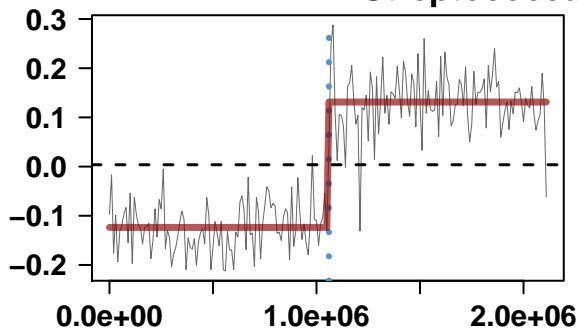


genome coordinates

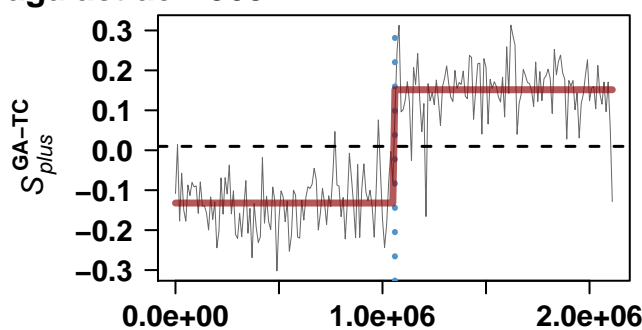


genome coordinates

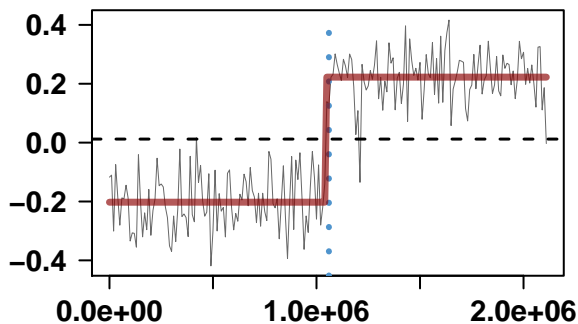
# Streptococcus agalactiae A909



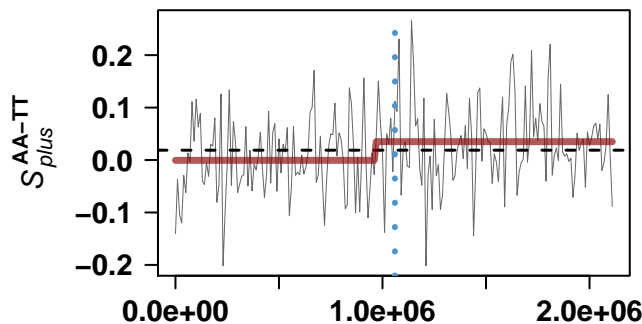
genome coordinates



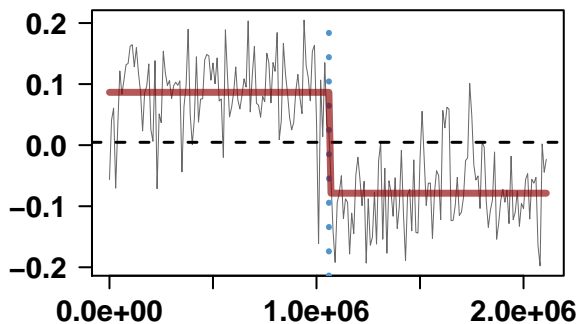
genome coordinates



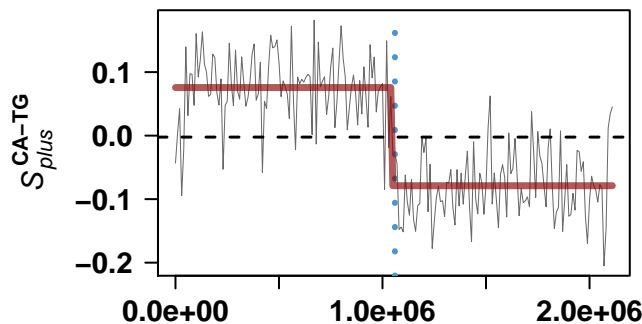
genome coordinates



genome coordinates

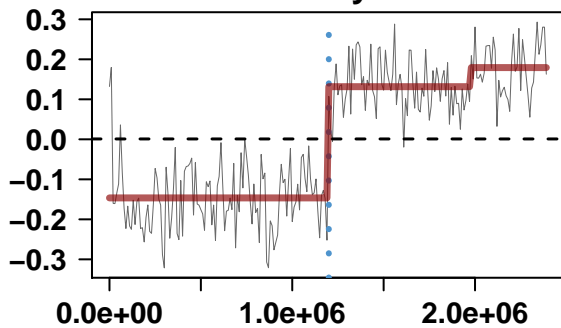


genome coordinates

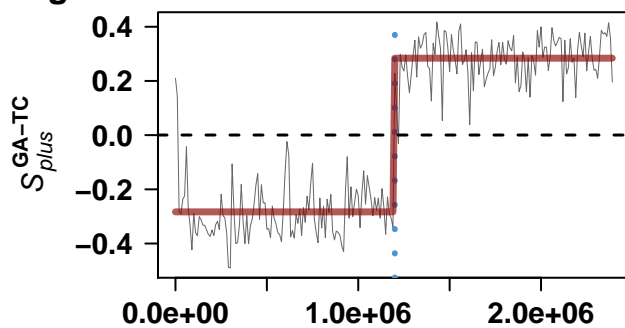


genome coordinates

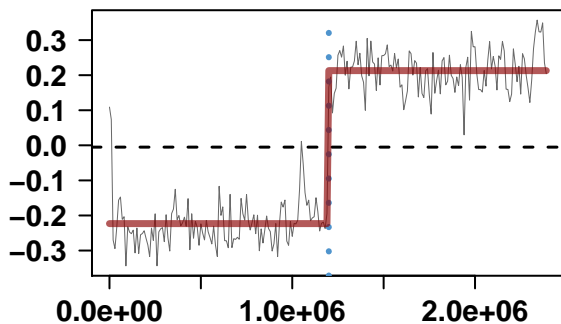
# Carboxydotherrmus hydrogenoformans Z-2901



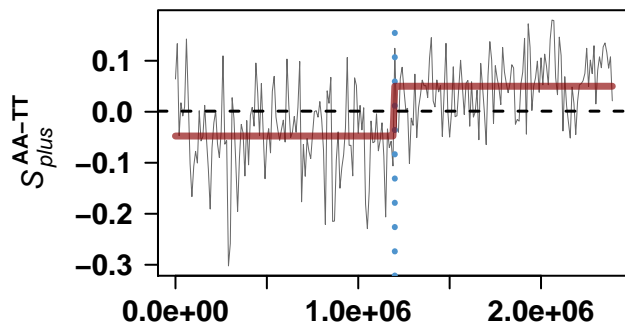
genome coordinates



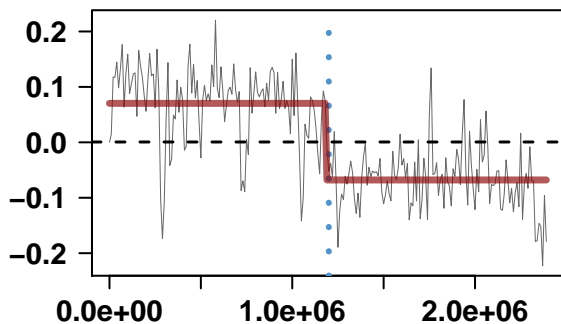
genome coordinates



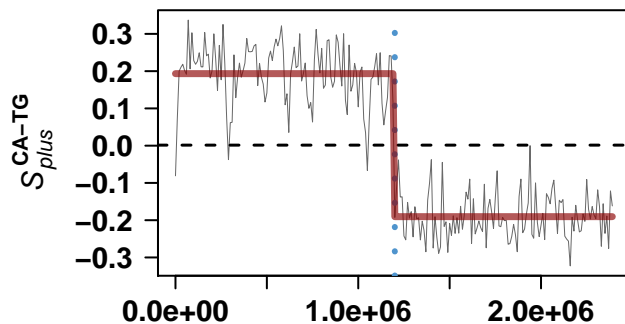
genome coordinates



genome coordinates

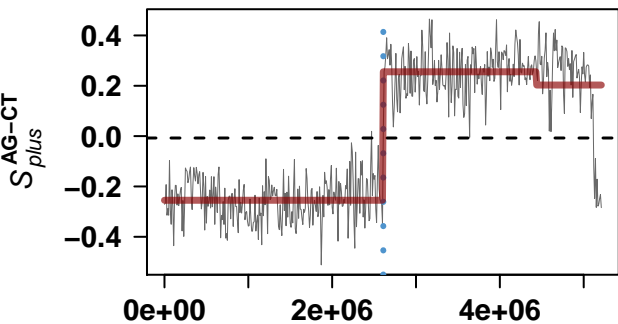


genome coordinates

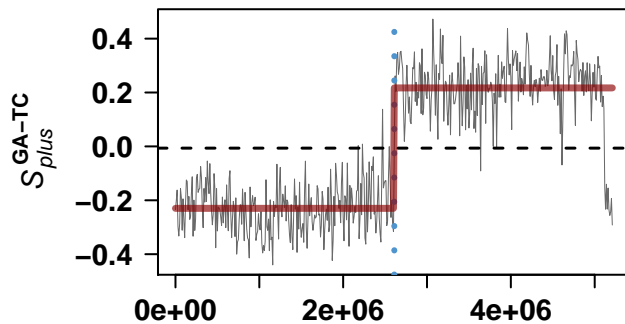


genome coordinates

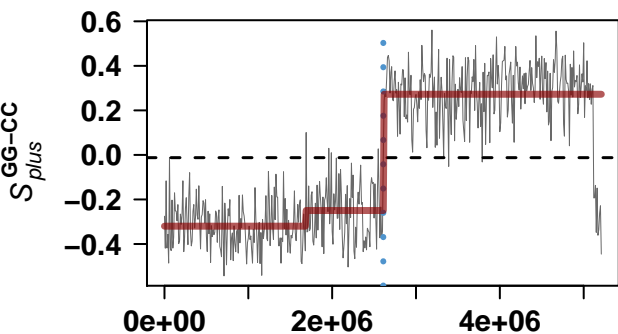
# Bacillus anthracis str. 'Ames Ancestor'



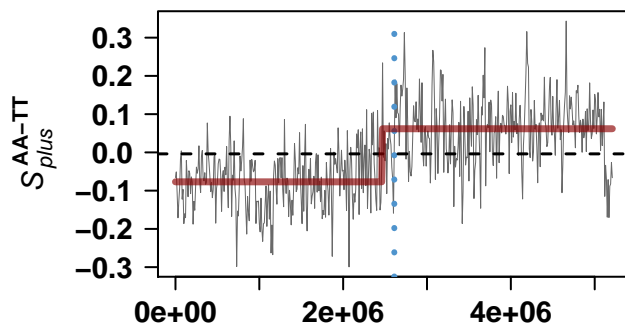
genome coordinates



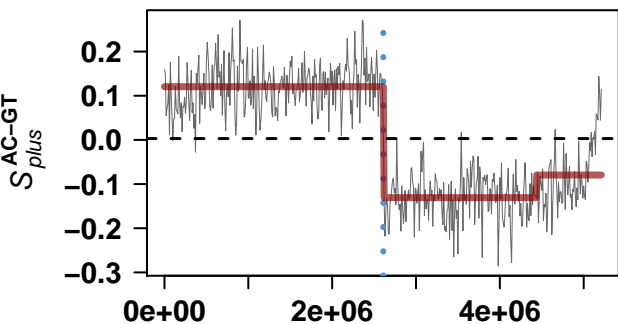
genome coordinates



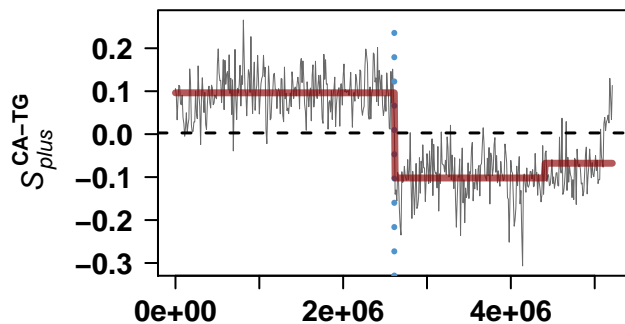
genome coordinates



genome coordinates

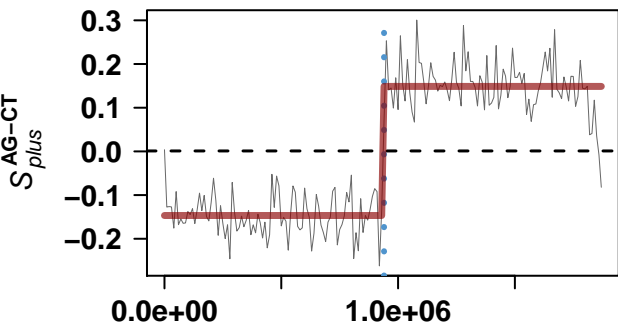


genome coordinates

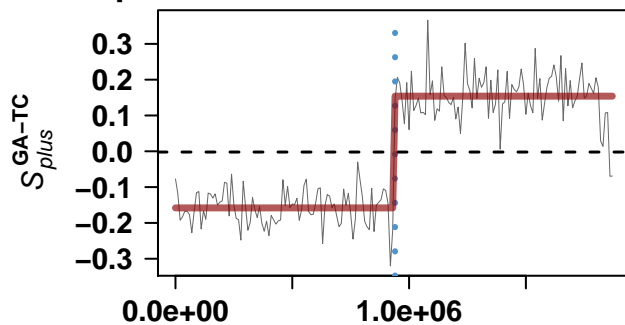


genome coordinates

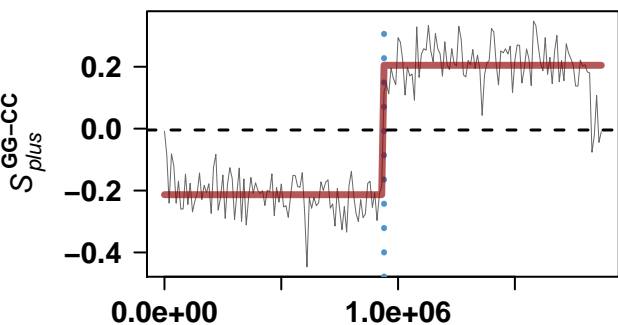
# Lactobacillus sakei subsp. sakei 23K



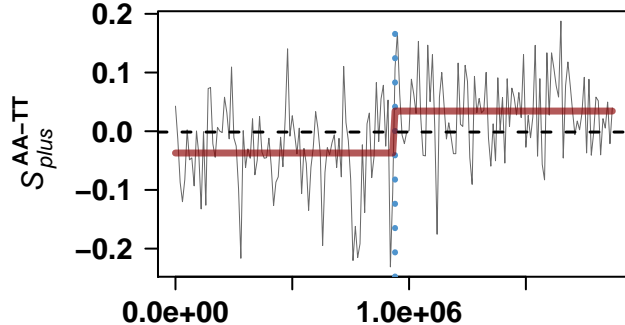
genome coordinates



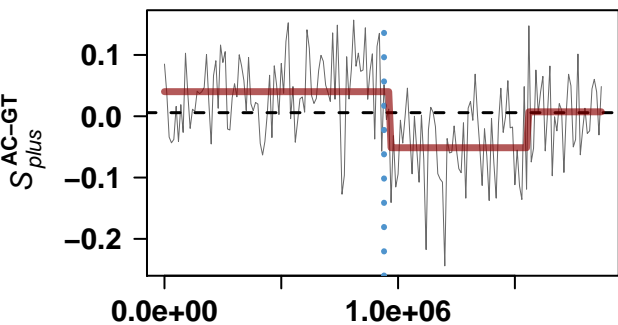
genome coordinates



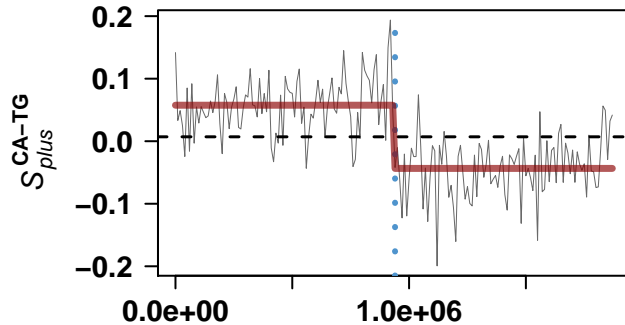
genome coordinates



genome coordinates

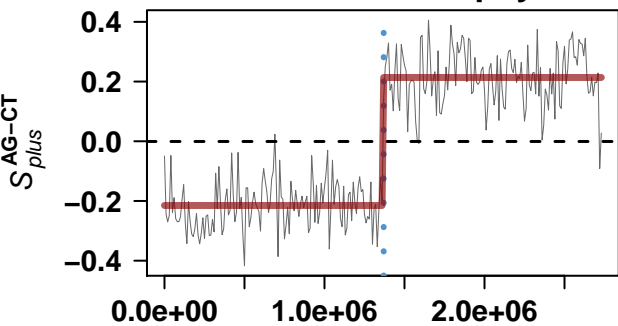


genome coordinates

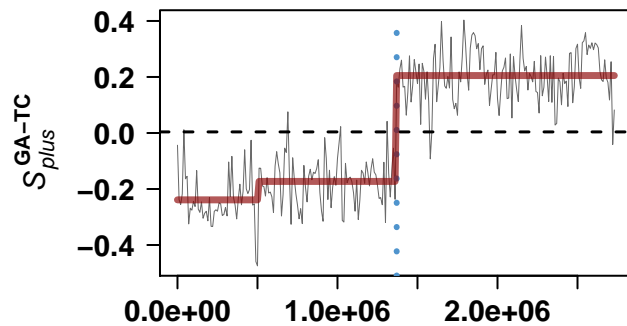


genome coordinates

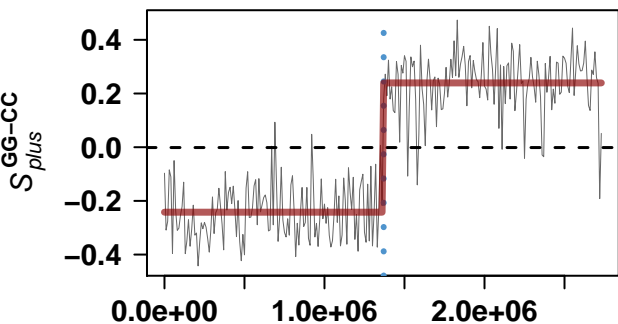
# Staphylococcus aureus RF122



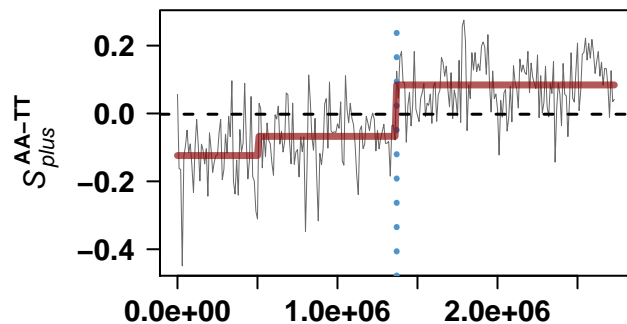
genome coordinates



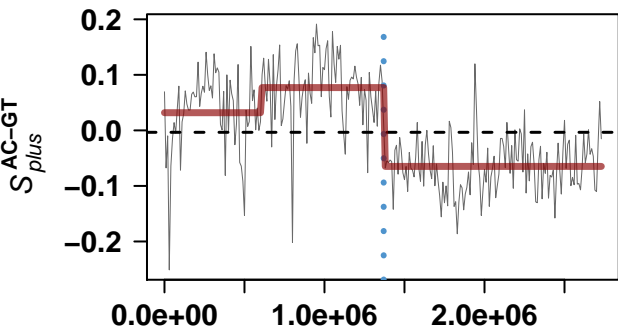
genome coordinates



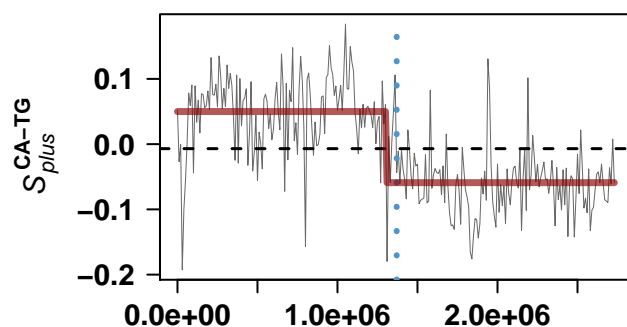
genome coordinates



genome coordinates

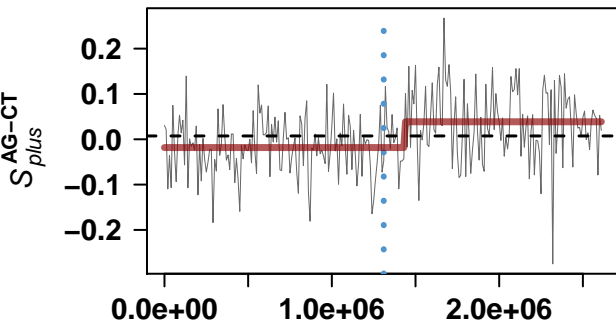


genome coordinates

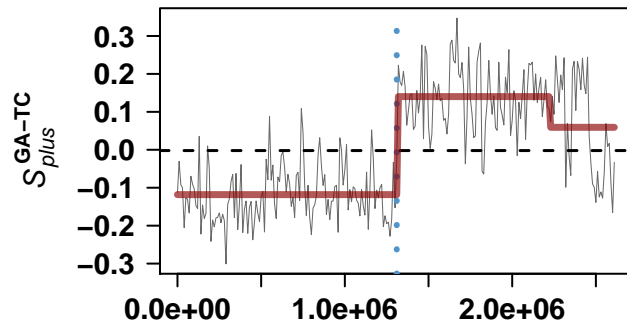


genome coordinates

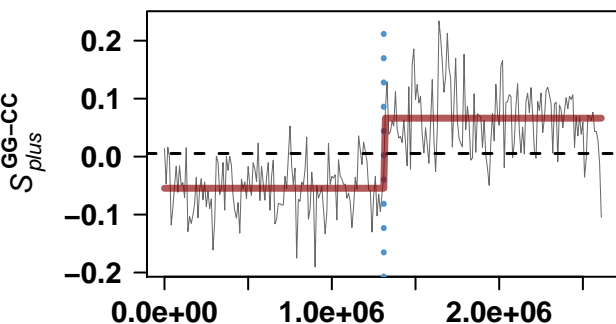
# Moorella thermoacetica ATCC 39073



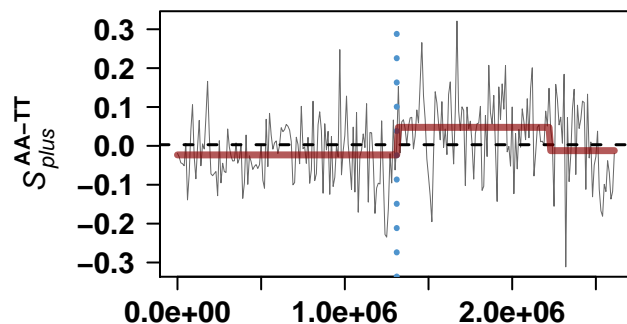
genome coordinates



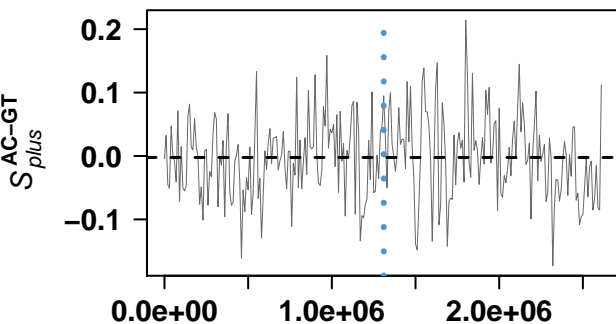
genome coordinates



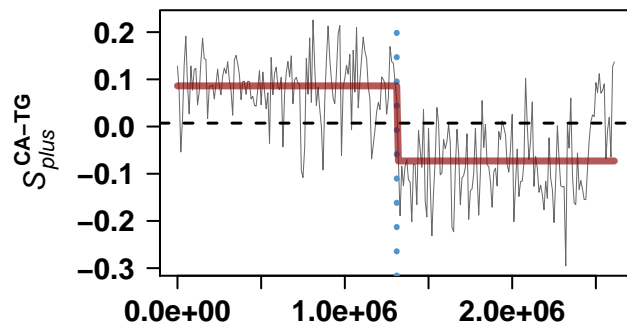
genome coordinates



genome coordinates

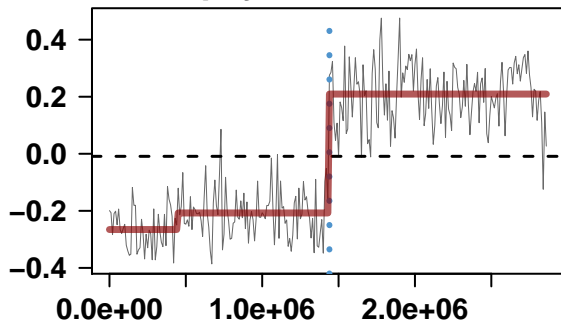


genome coordinates

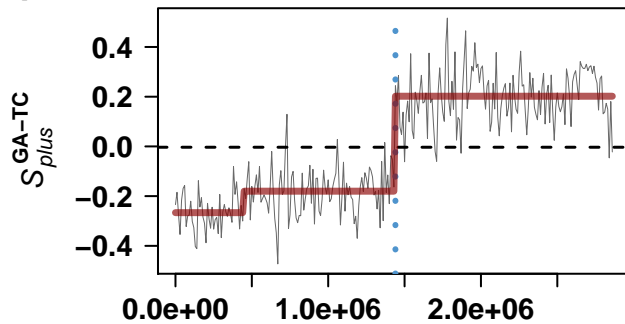


genome coordinates

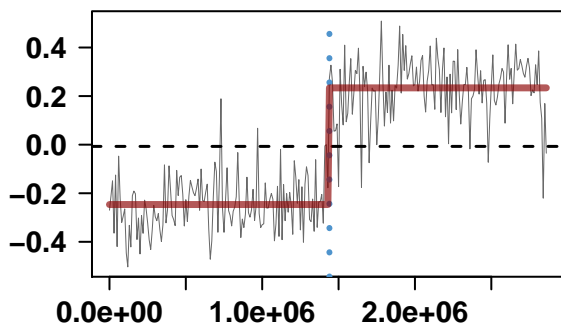
# Staphylococcus aureus subsp. aureus USA300\_FPR3757



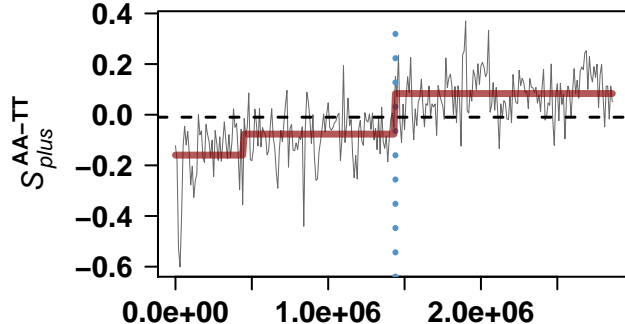
genome coordinates



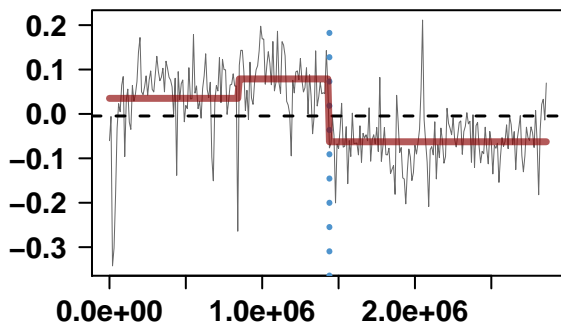
genome coordinates



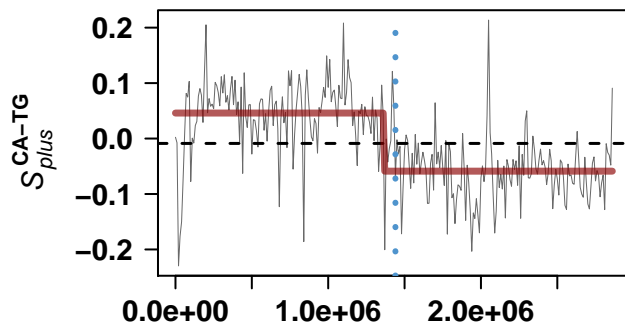
genome coordinates



genome coordinates

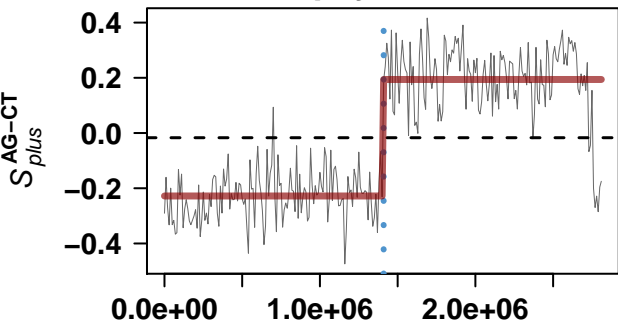


genome coordinates

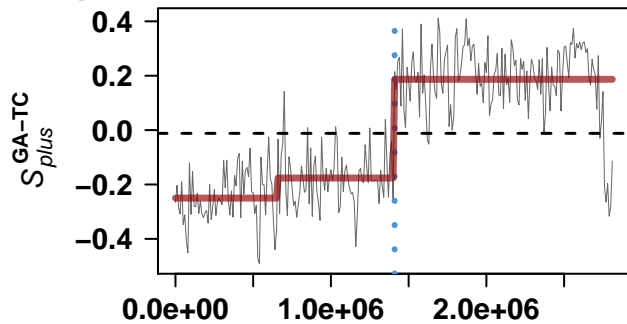


genome coordinates

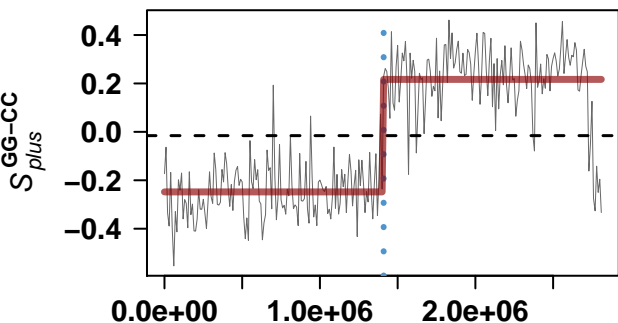
# Staphylococcus aureus subsp. aureus NCTC 8325



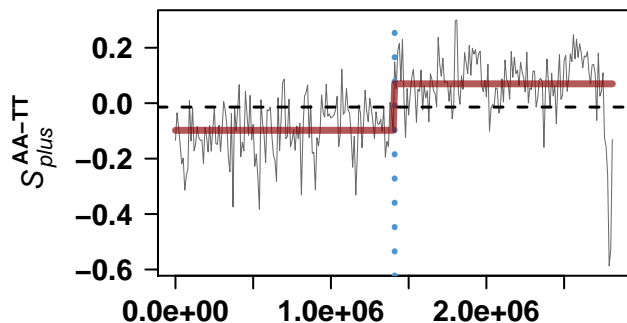
genome coordinates



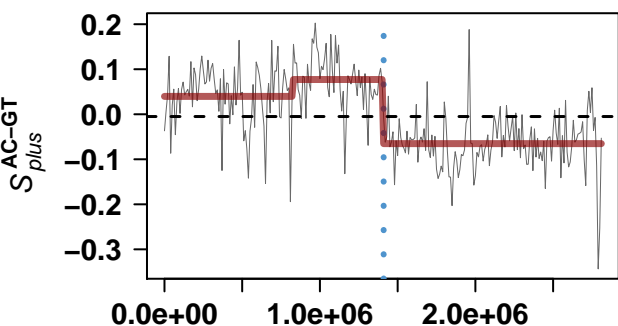
genome coordinates



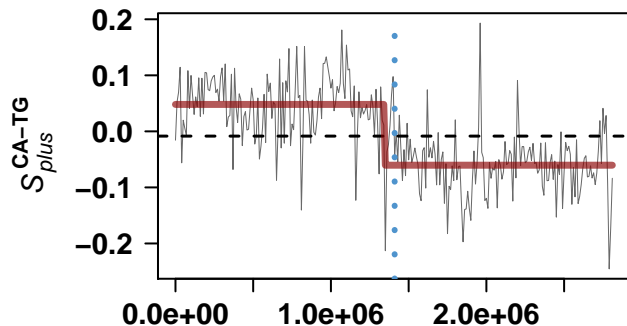
genome coordinates



genome coordinates

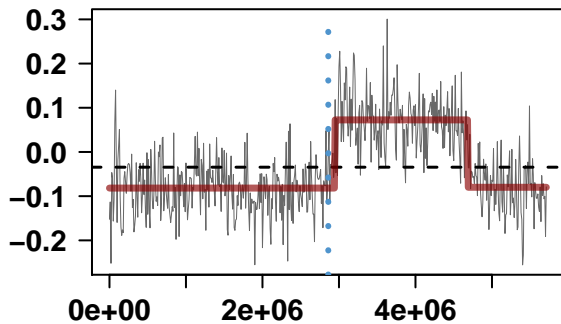


genome coordinates

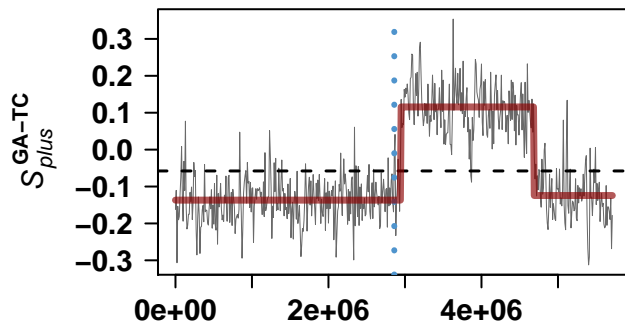


genome coordinates

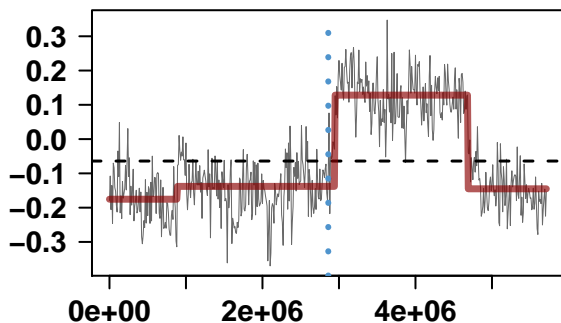
# Desulfitobacterium hafniense Y51



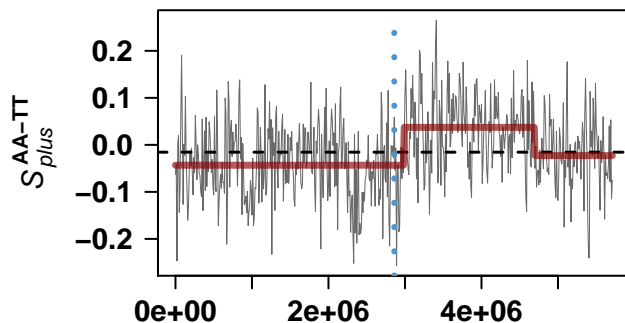
genome coordinates



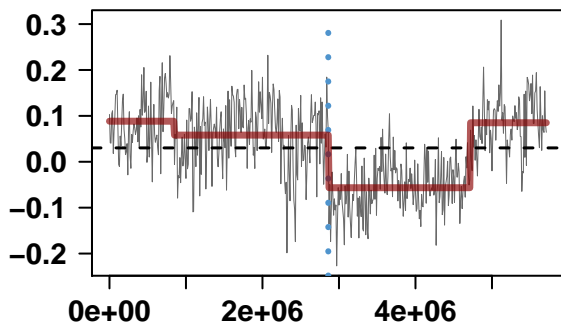
genome coordinates



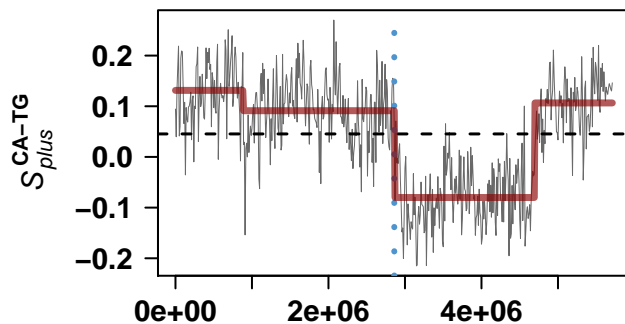
genome coordinates



genome coordinates

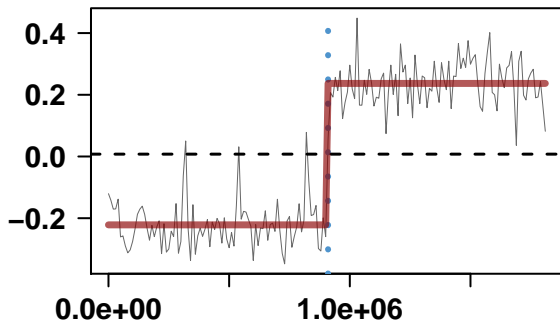


genome coordinates

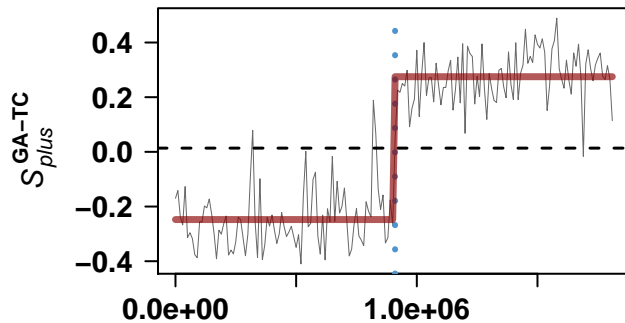


genome coordinates

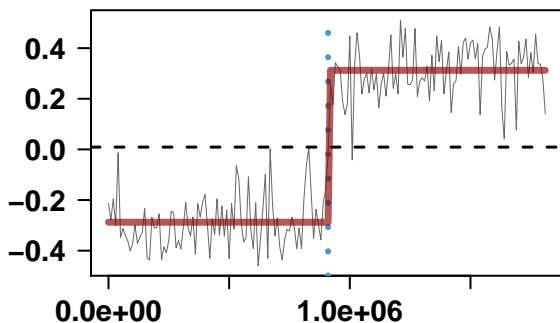
# Lactobacillus salivarius UCC118



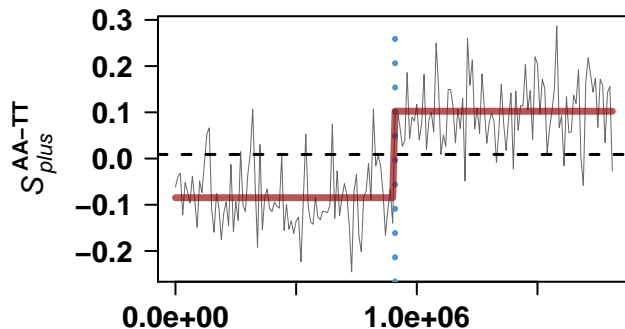
genome coordinates



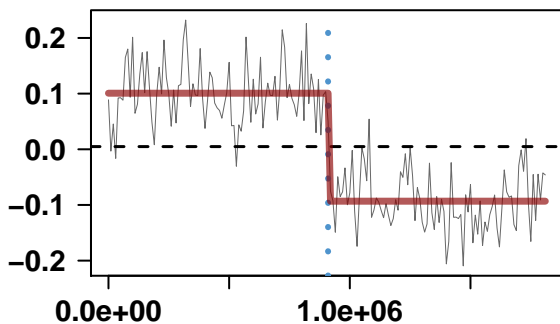
genome coordinates



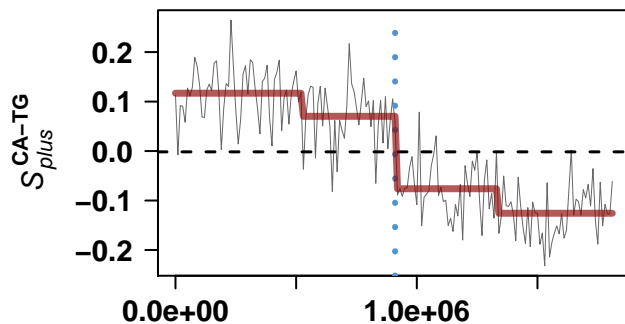
genome coordinates



genome coordinates

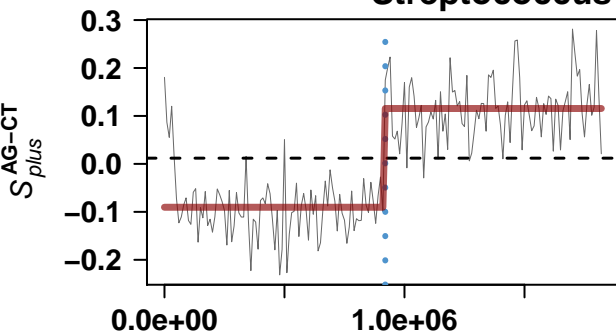


genome coordinates

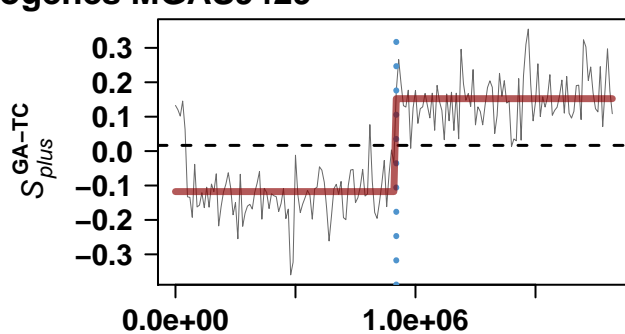


genome coordinates

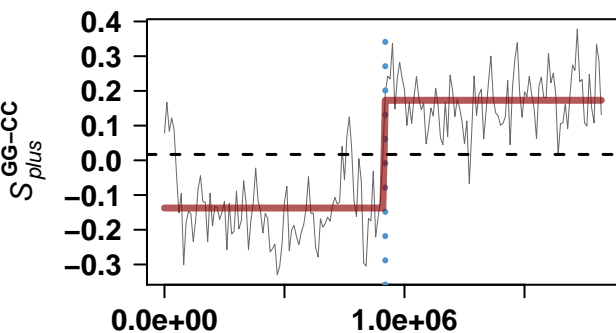
# Streptococcus pyogenes MGAS9429



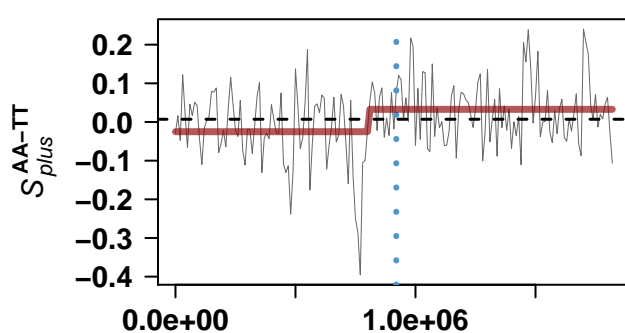
genome coordinates



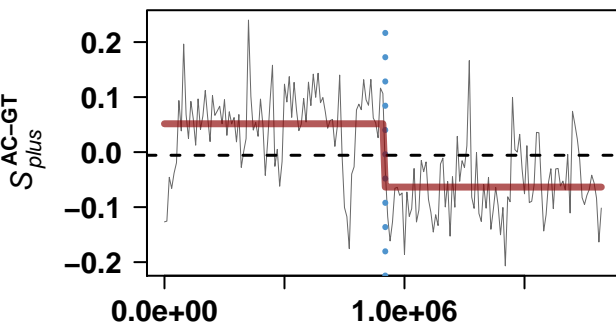
genome coordinates



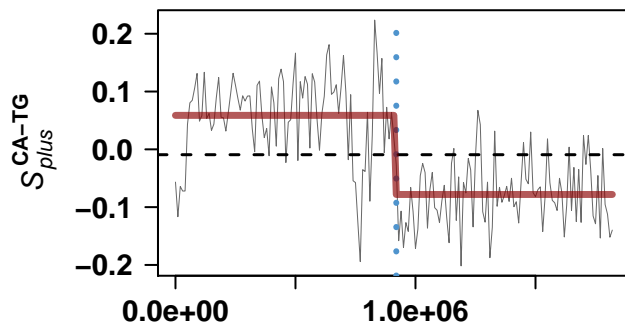
genome coordinates



genome coordinates

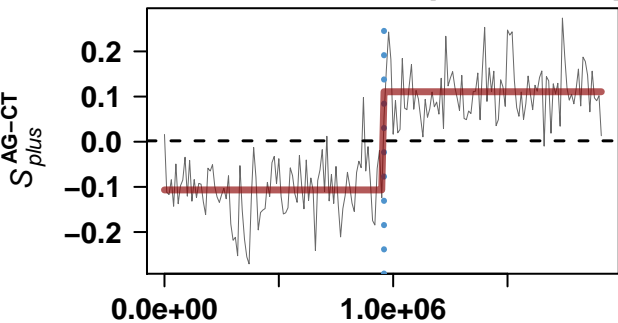


genome coordinates

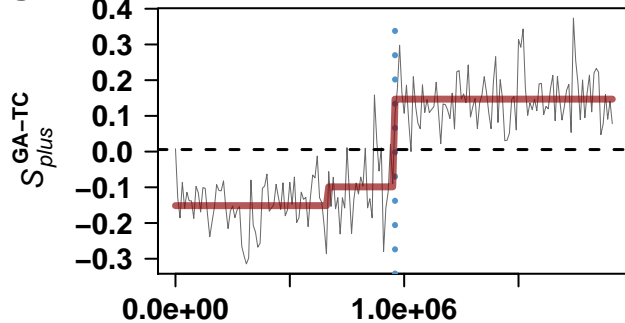


genome coordinates

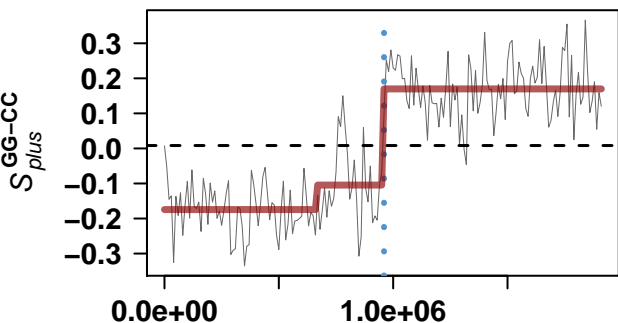
# Streptococcus pyogenes MGAS10270



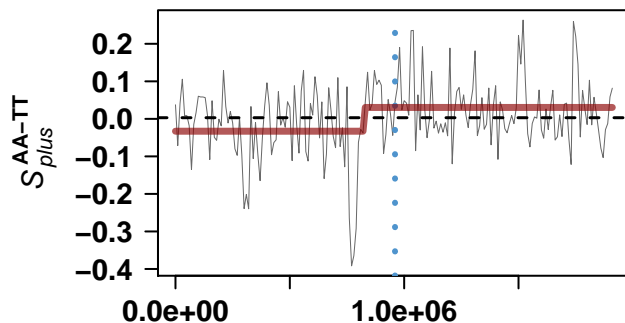
genome coordinates



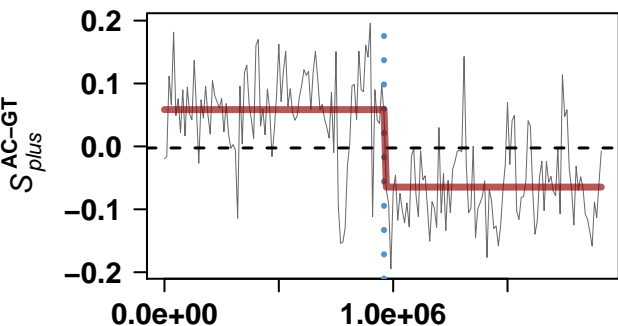
genome coordinates



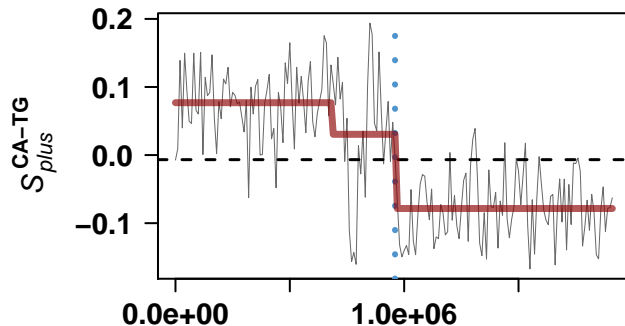
genome coordinates



genome coordinates

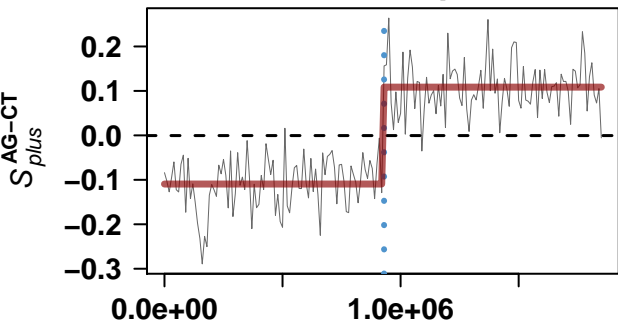


genome coordinates

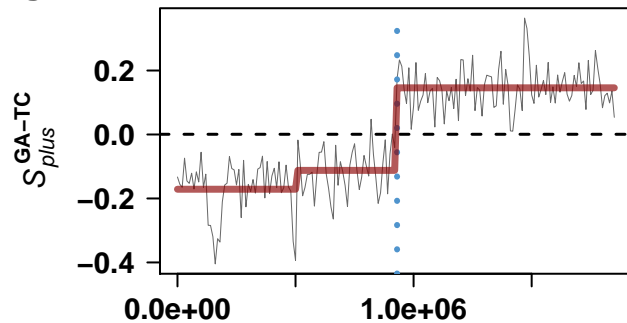


genome coordinates

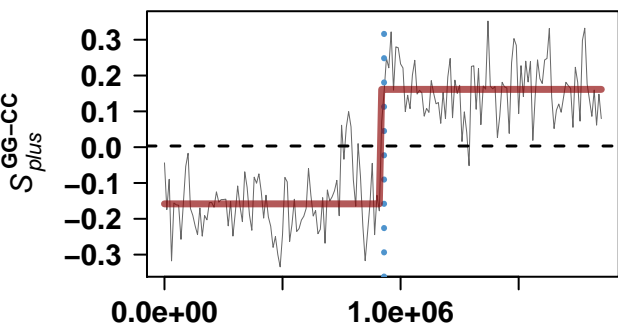
# Streptococcus pyogenes MGAS2096



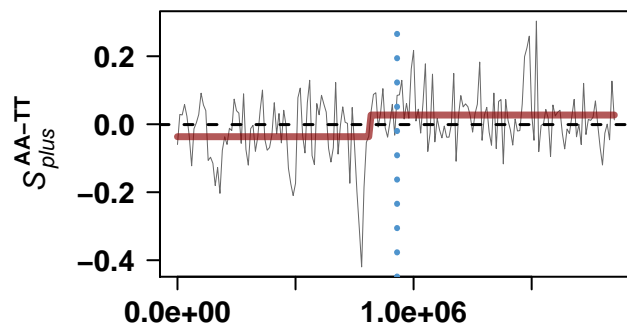
genome coordinates



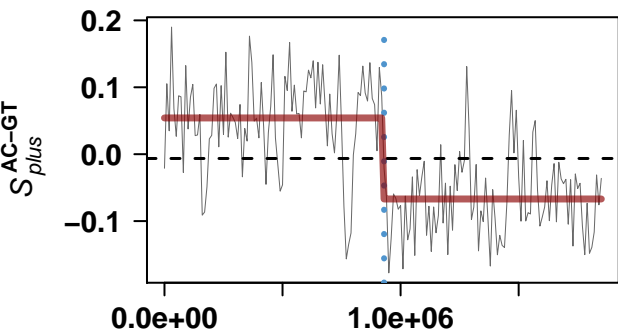
genome coordinates



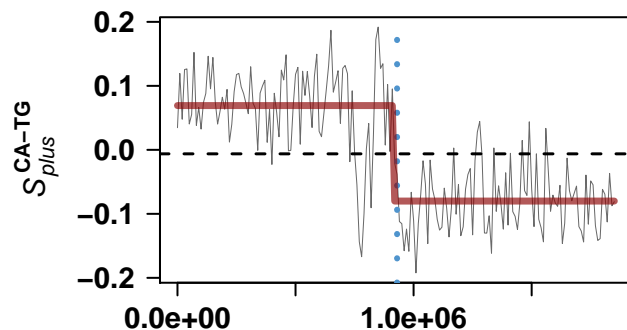
genome coordinates



genome coordinates

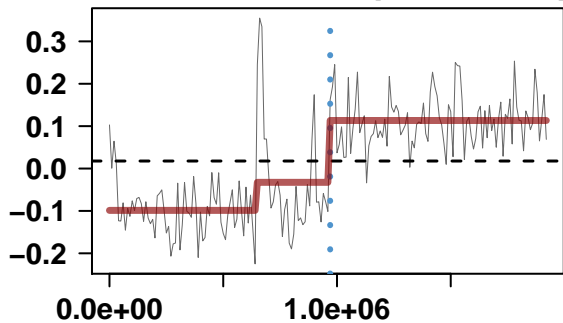


genome coordinates

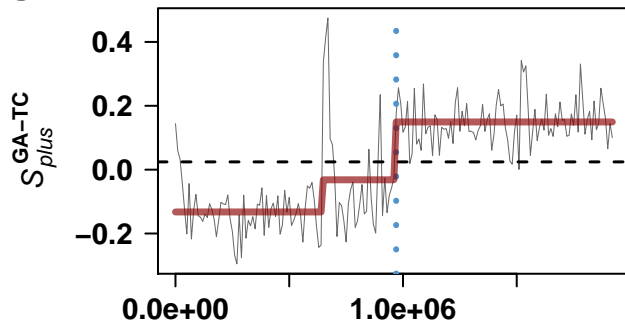


genome coordinates

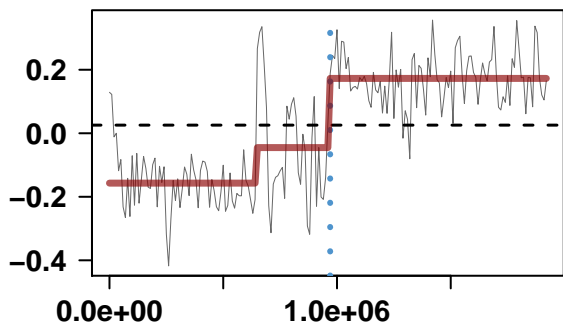
# Streptococcus pyogenes MGAS10750



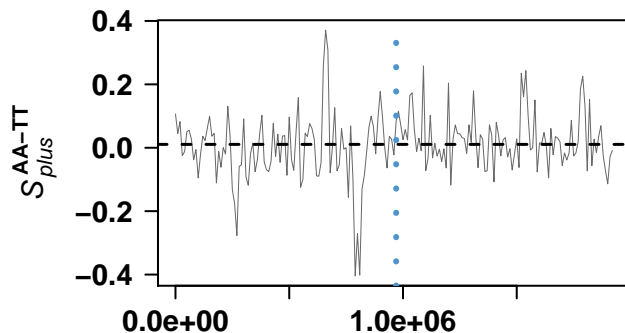
genome coordinates



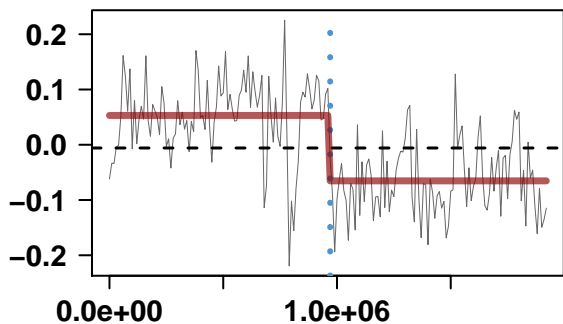
genome coordinates



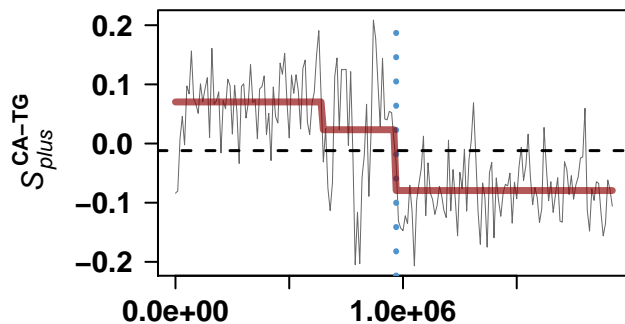
genome coordinates



genome coordinates

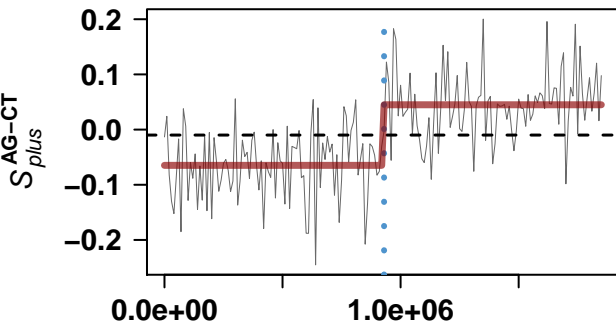


genome coordinates

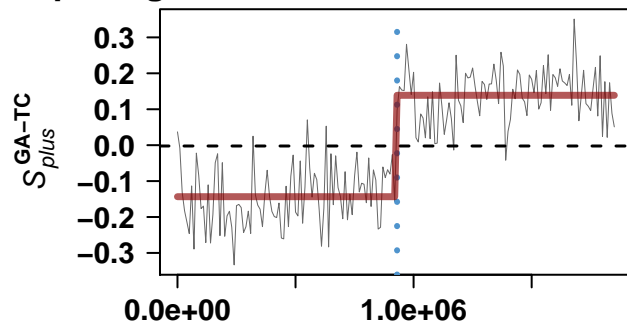


genome coordinates

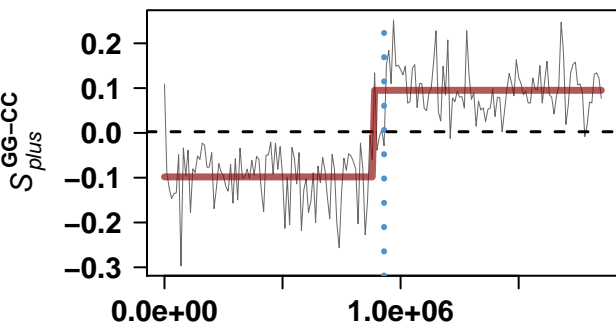
# Lactobacillus delbrueckii subsp. bulgaricus ATCC 11842



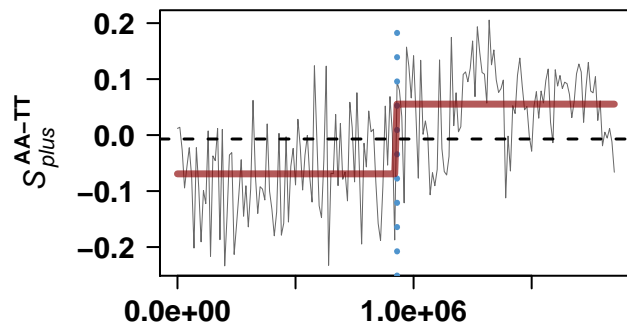
genome coordinates



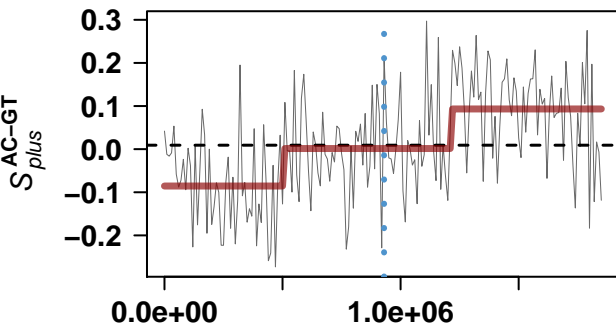
genome coordinates



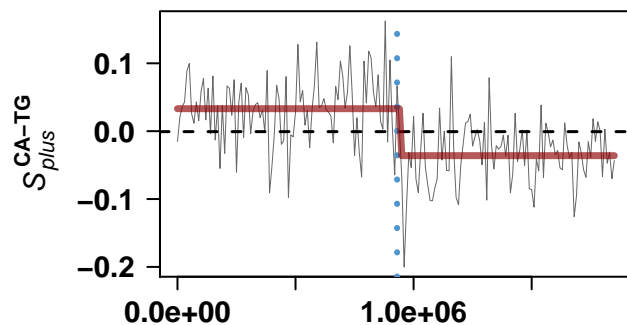
genome coordinates



genome coordinates

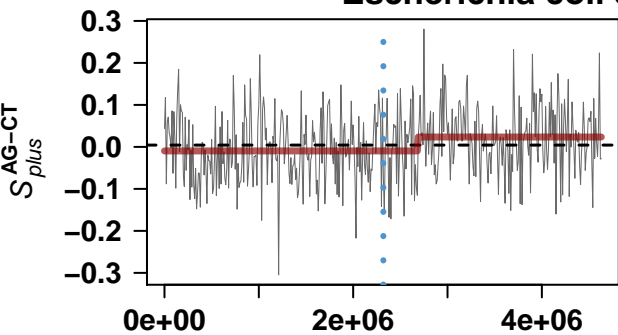


genome coordinates

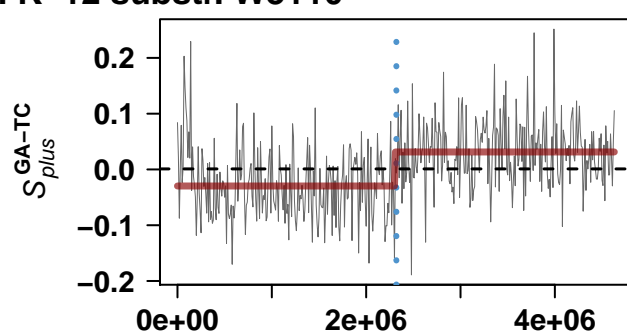


genome coordinates

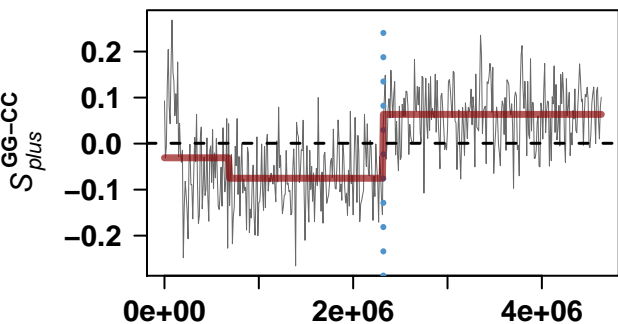
# Escherichia coli str. K-12 substr. W3110



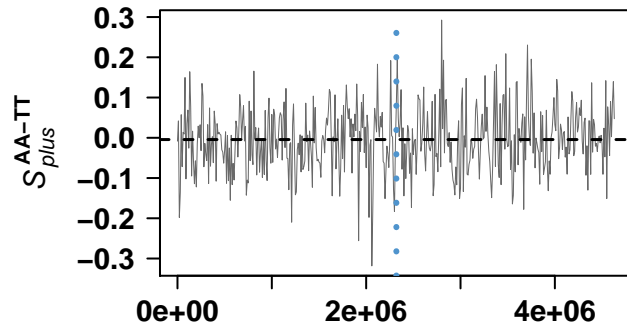
genome coordinates



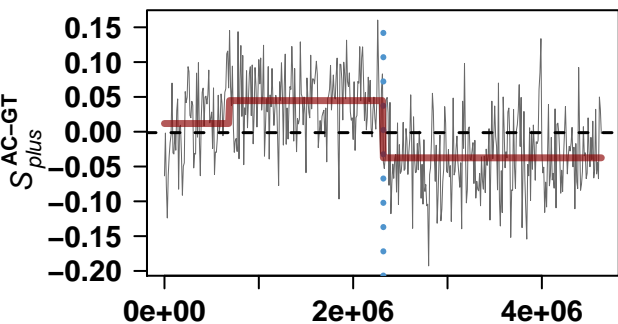
genome coordinates



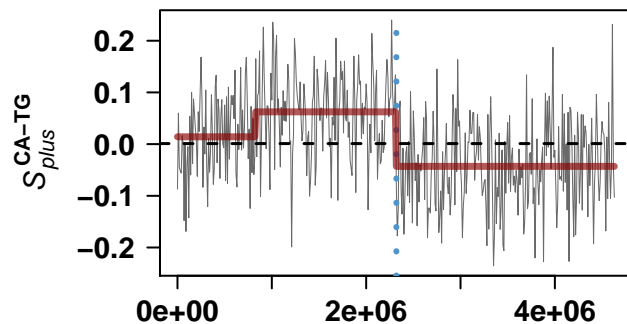
genome coordinates



genome coordinates

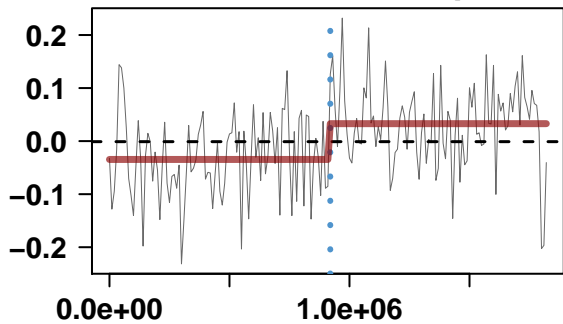


genome coordinates

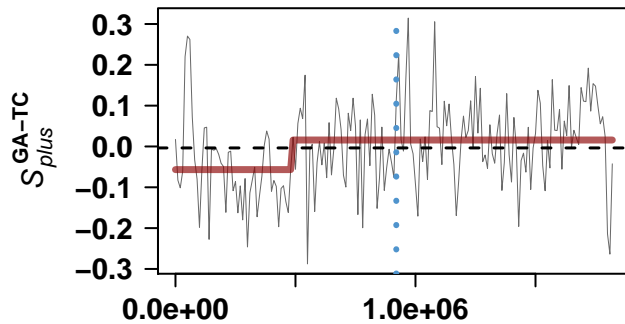


genome coordinates

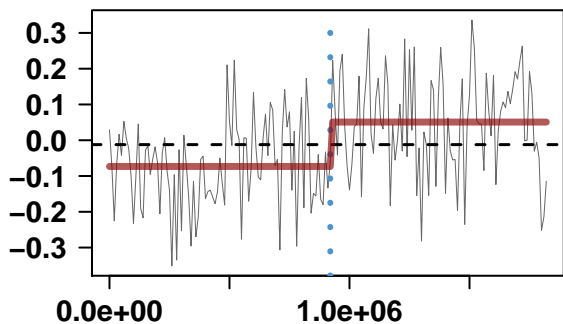
# Haemophilus influenzae Rd KW20



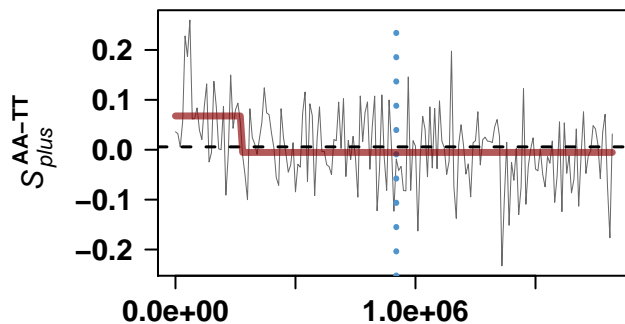
genome coordinates



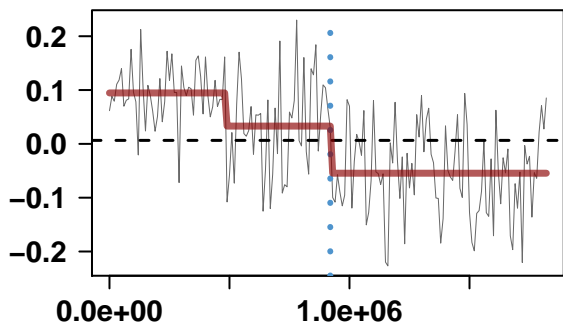
genome coordinates



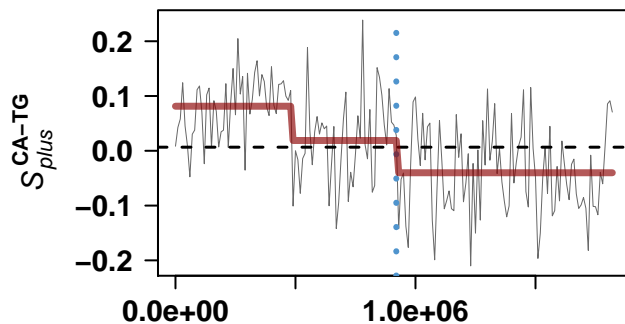
genome coordinates



genome coordinates

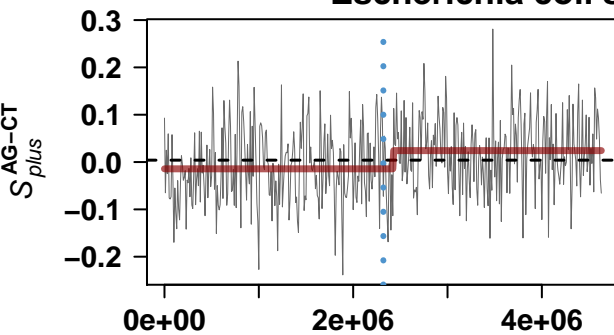


genome coordinates

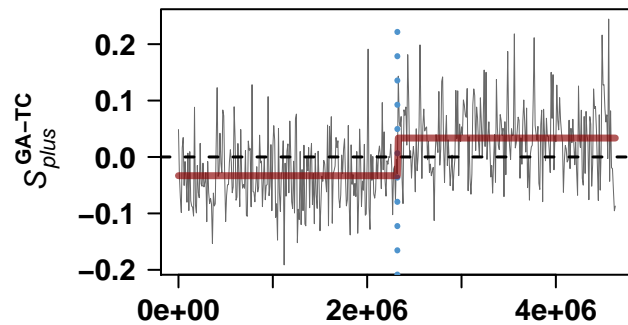


genome coordinates

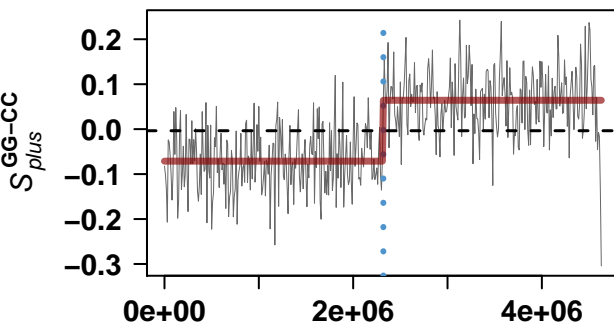
# Escherichia coli str. K-12 substr. MG1655



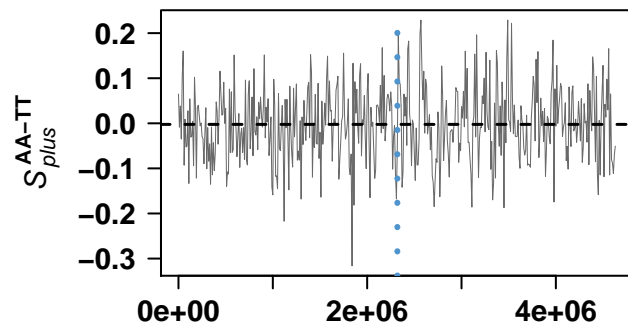
genome coordinates



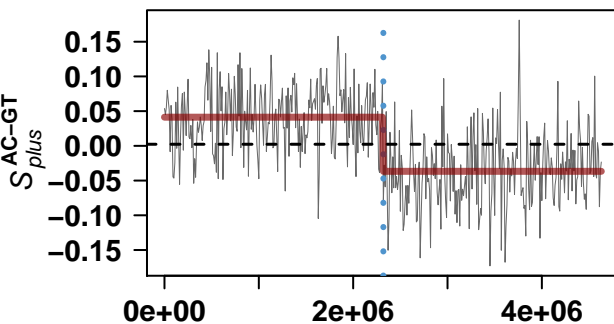
genome coordinates



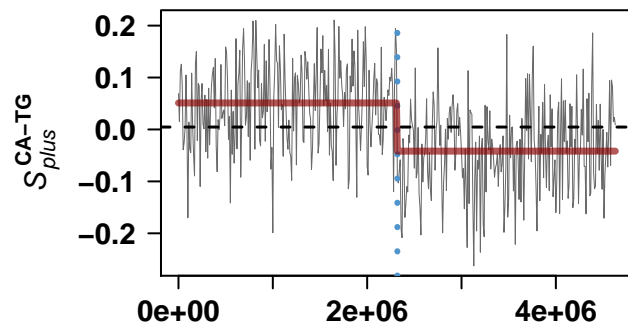
genome coordinates



genome coordinates

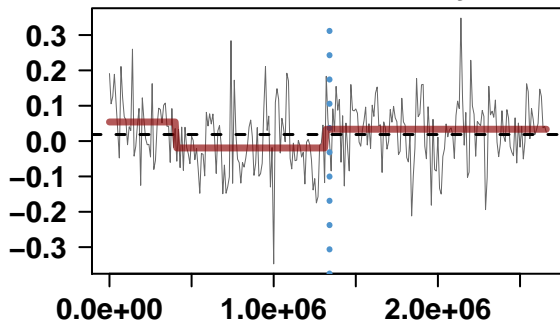


genome coordinates

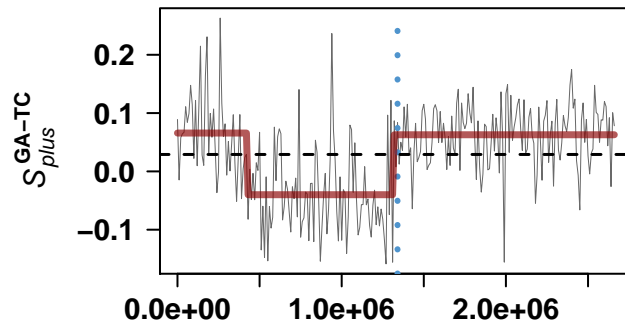


genome coordinates

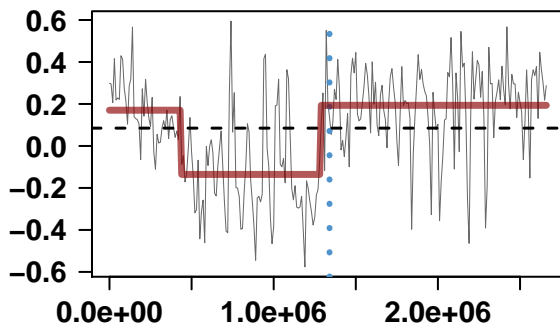
# *Xylella fastidiosa* 9a5c



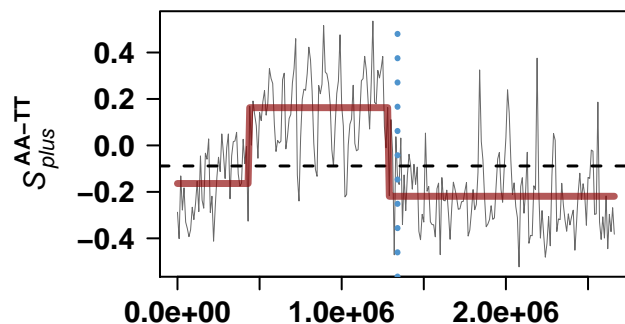
genome coordinates



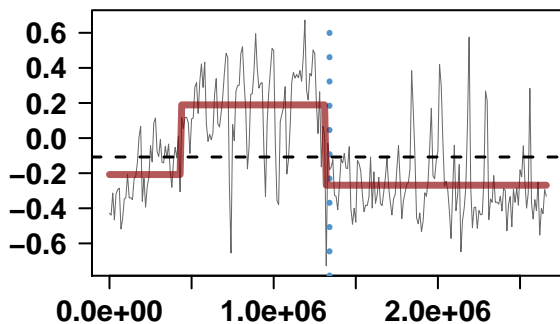
genome coordinates



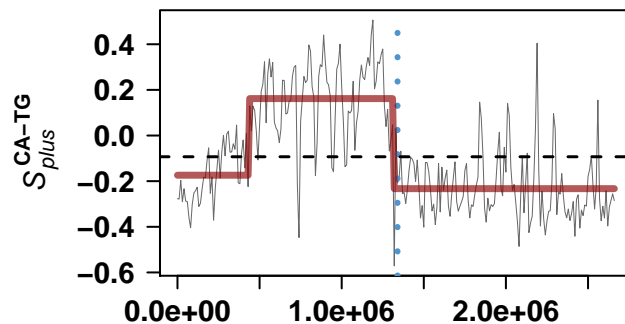
genome coordinates



genome coordinates

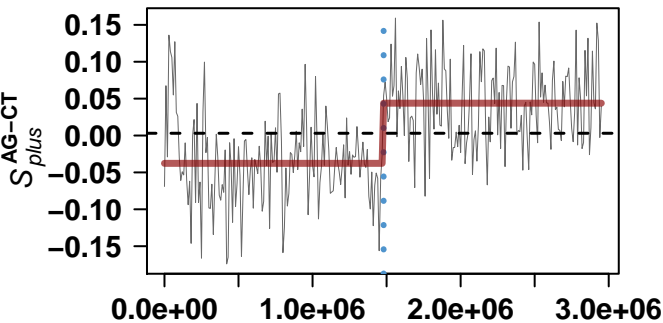


genome coordinates

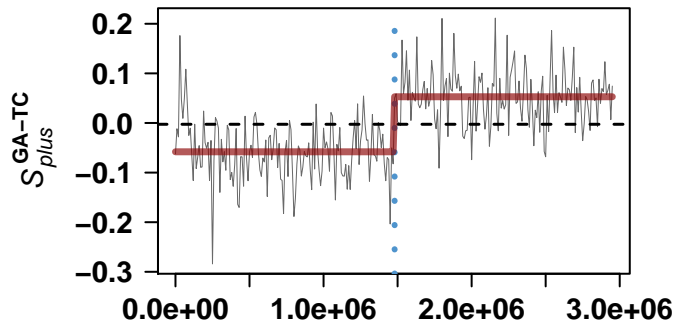


genome coordinates

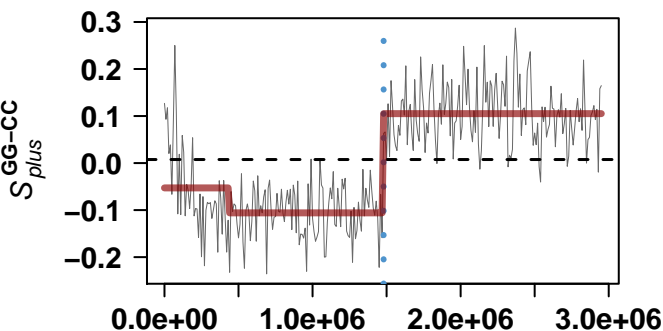
# Vibrio cholerae O1 biovar El Tor str. N16961



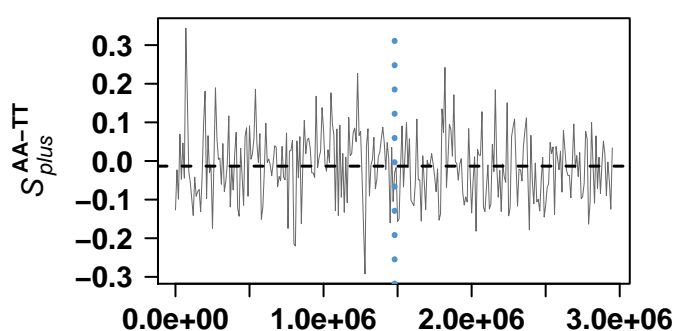
genome coordinates



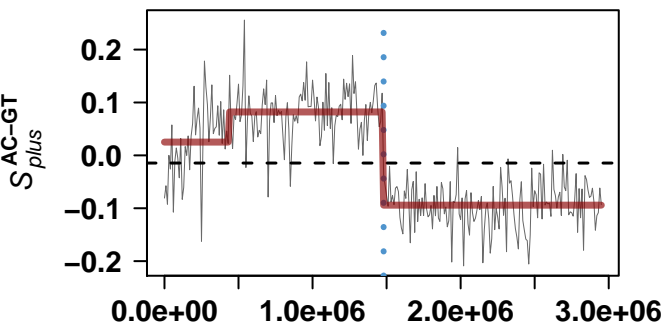
genome coordinates



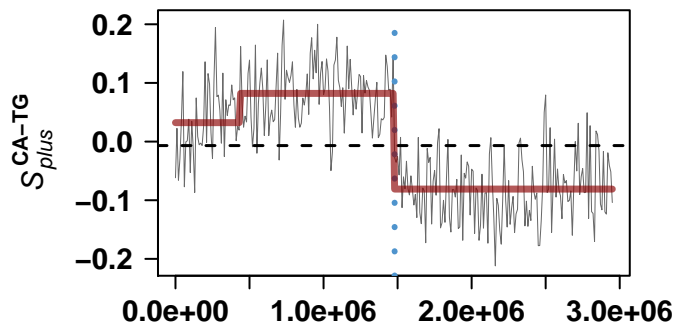
genome coordinates



genome coordinates

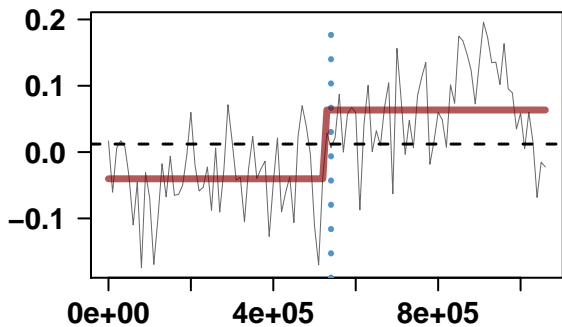


genome coordinates

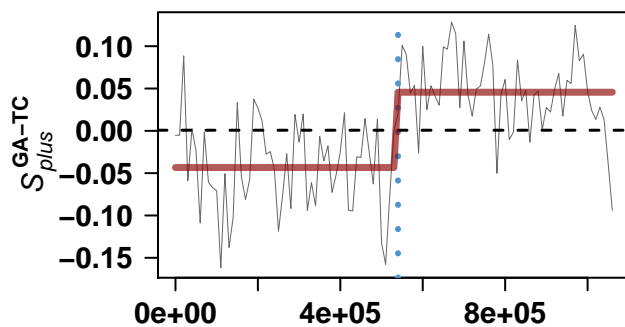


genome coordinates

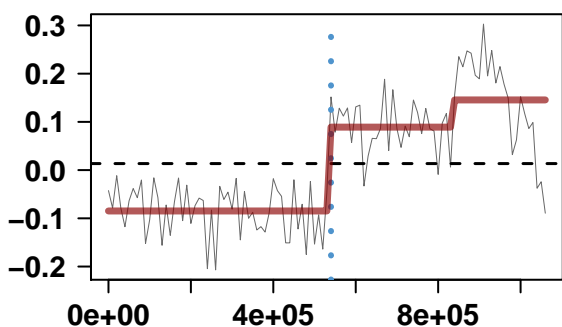
# Vibrio cholerae O1 biovar El Tor str. N16961



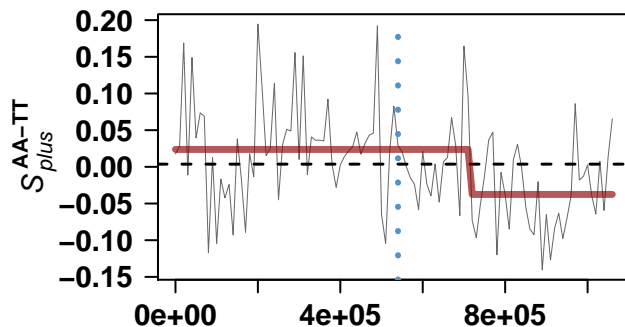
genome coordinates



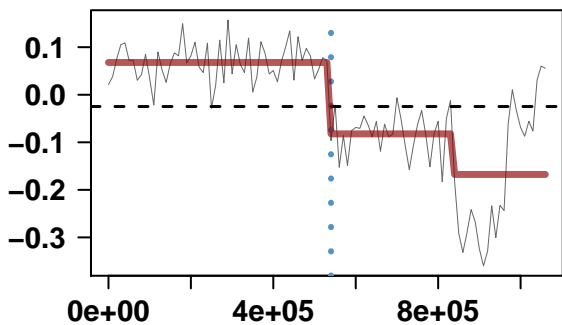
genome coordinates



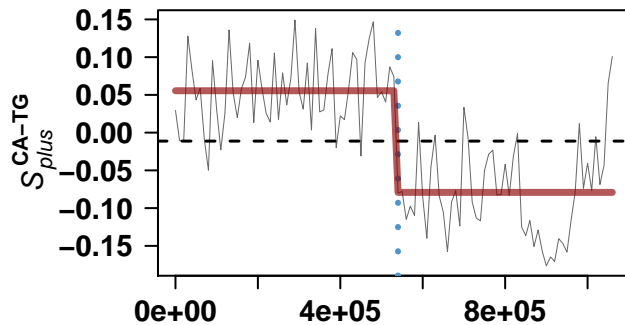
genome coordinates



genome coordinates

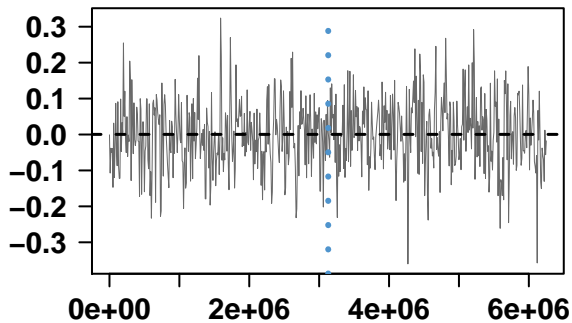


genome coordinates

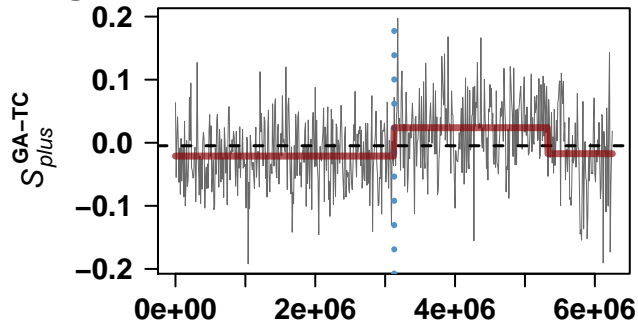


genome coordinates

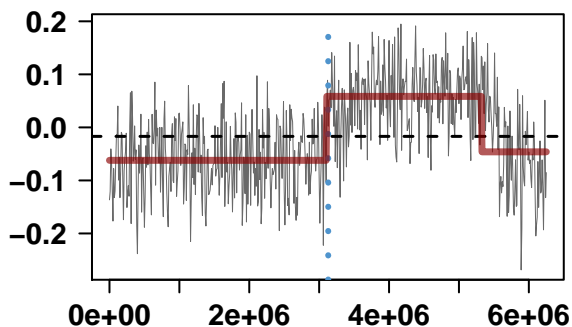
# *Pseudomonas aeruginosa* PAO1



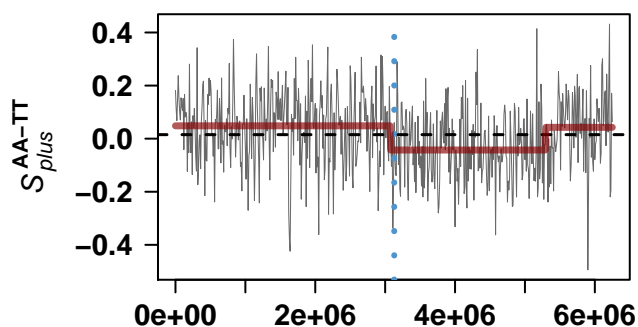
genome coordinates



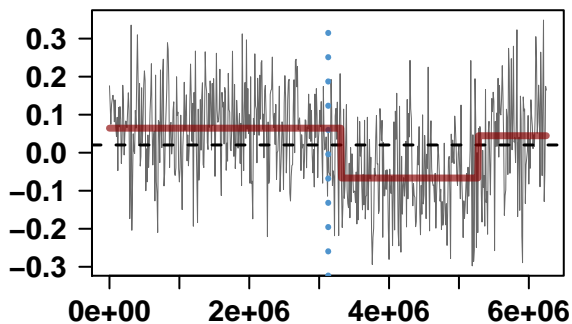
genome coordinates



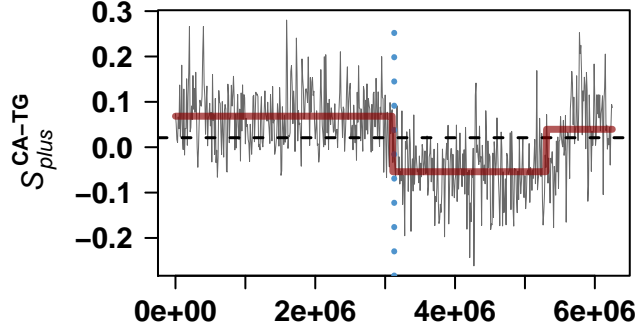
genome coordinates



genome coordinates

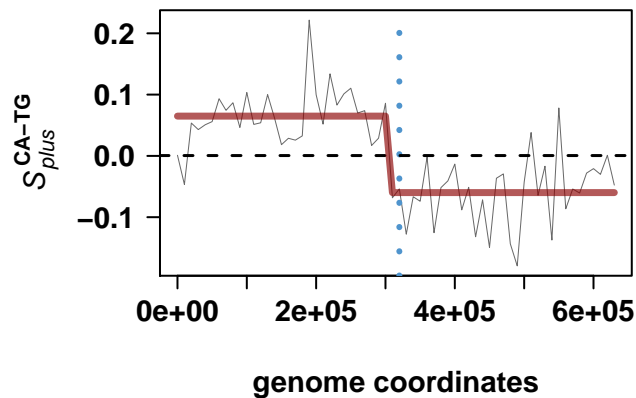
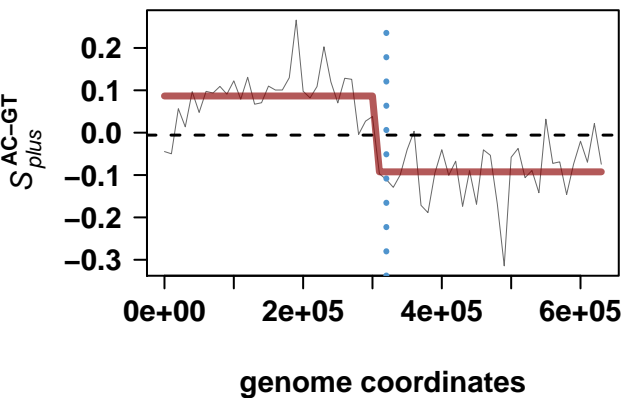
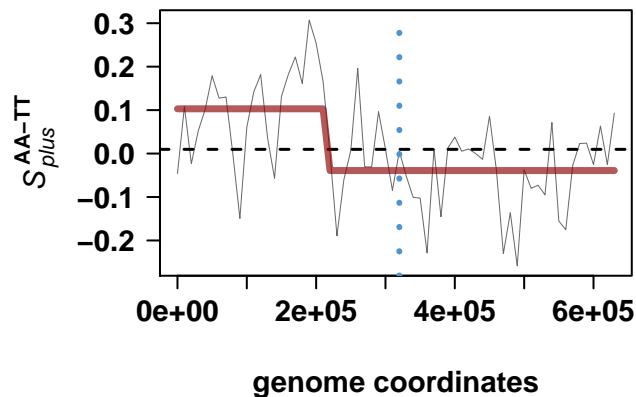
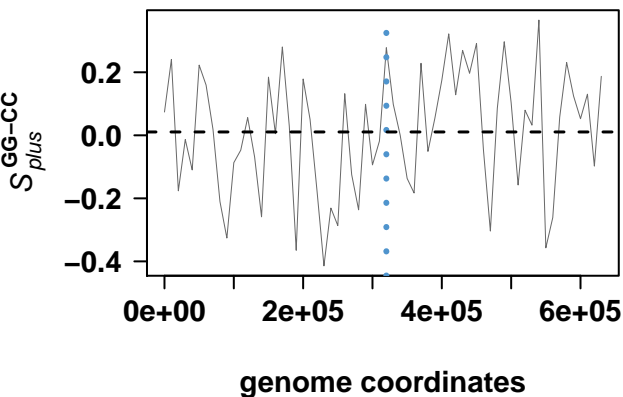
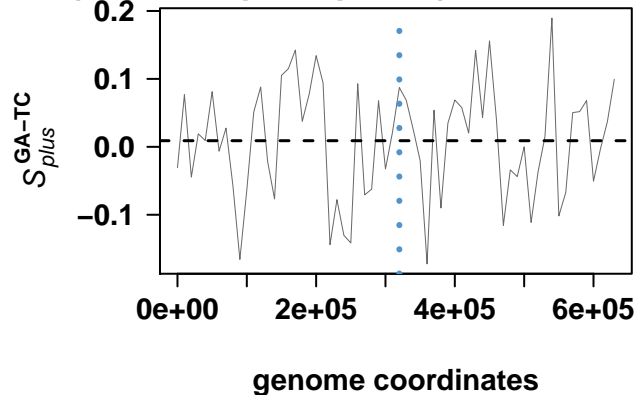
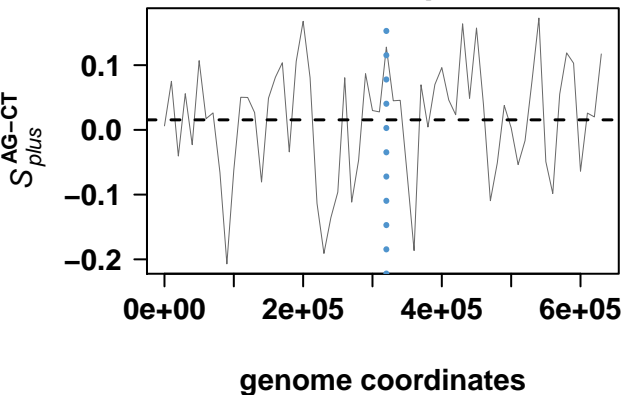


genome coordinates

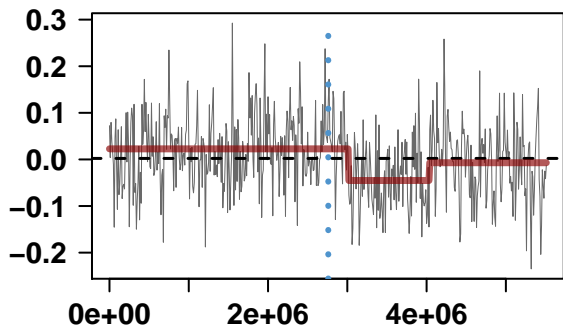


genome coordinates

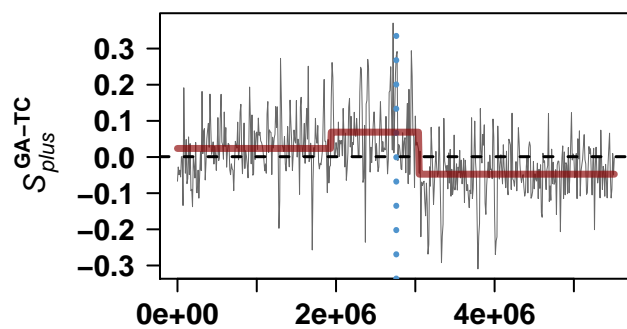
# Buchnera aphidicola str. APS (Acyrthosiphon pisum)



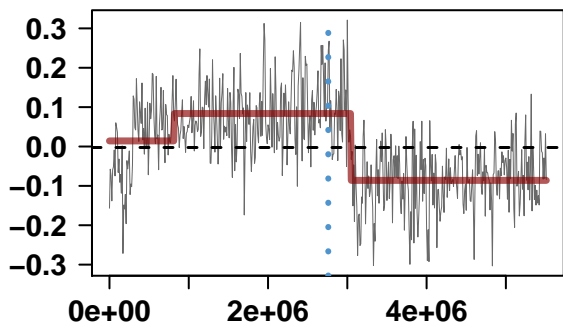
# Escherichia coli O157:H7 str. EDL933



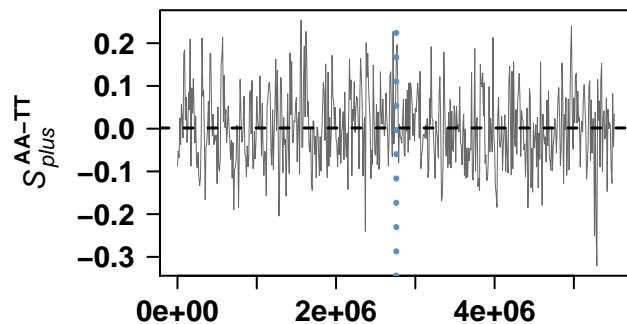
genome coordinates



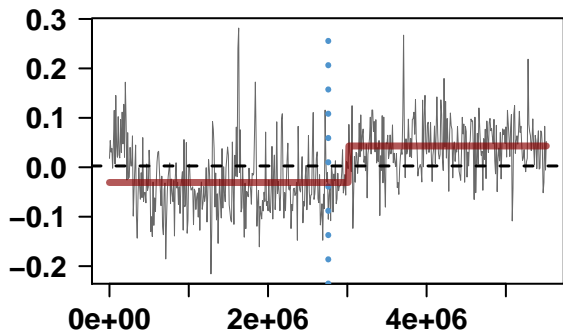
genome coordinates



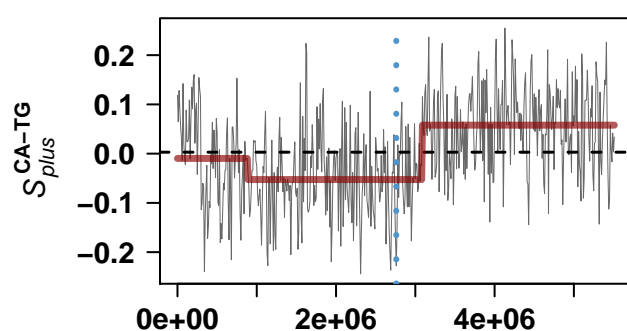
genome coordinates



genome coordinates

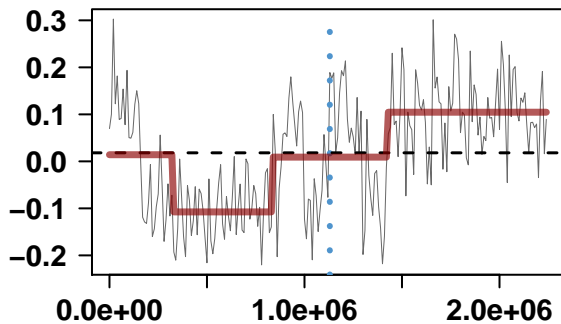


genome coordinates

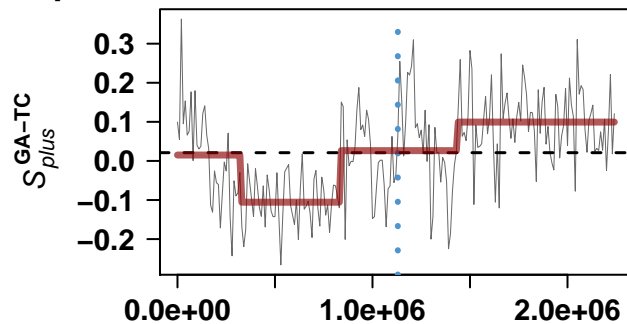


genome coordinates

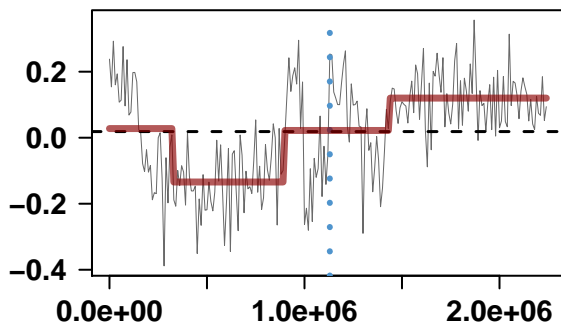
# *Pasteurella multocida* subsp. *multocida* str. Pm70



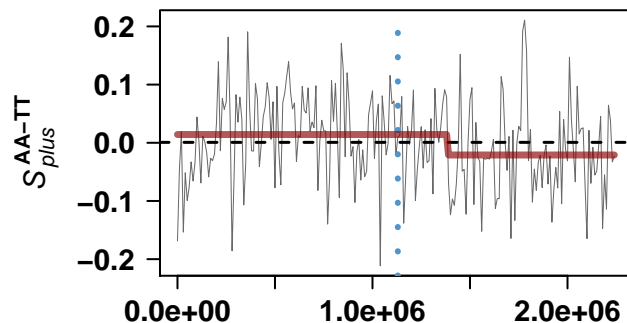
genome coordinates



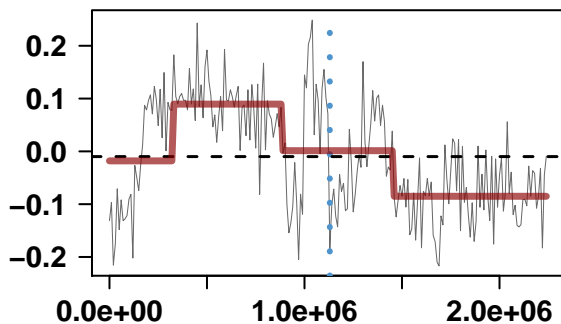
genome coordinates



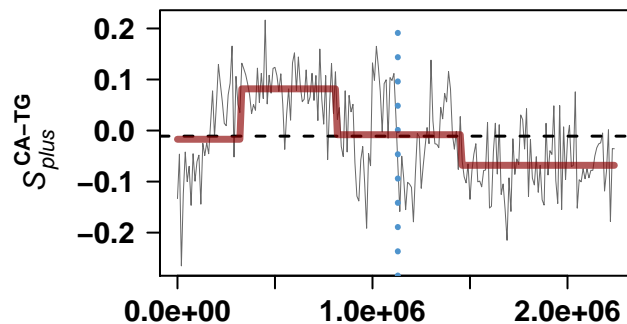
genome coordinates



genome coordinates

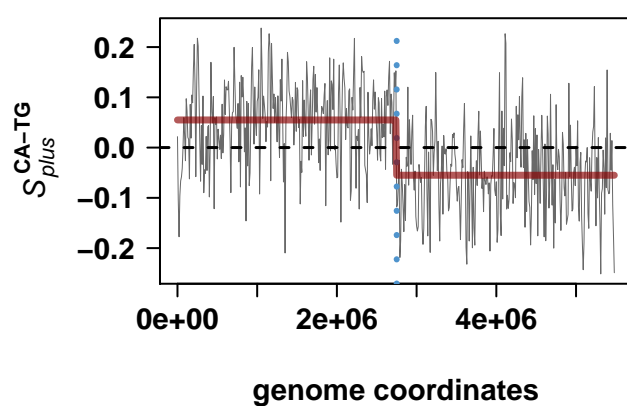
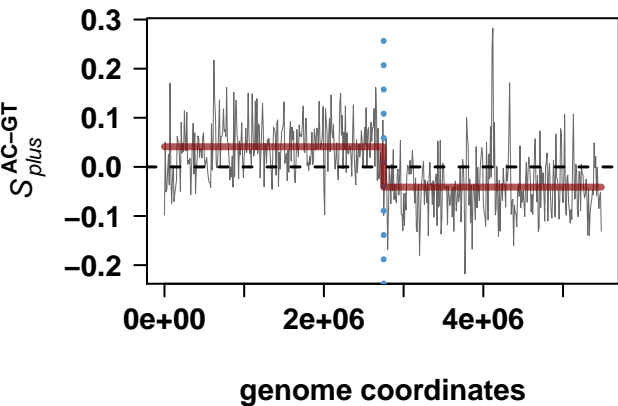
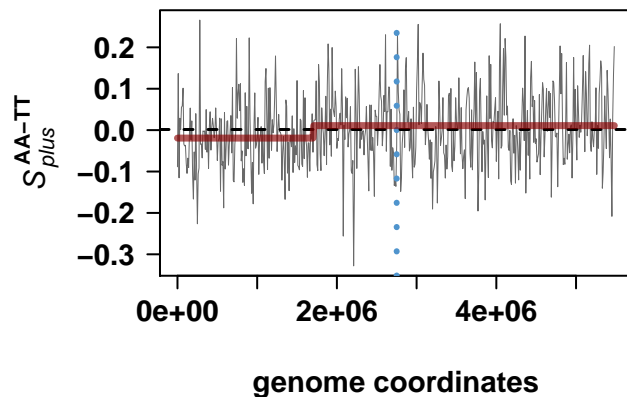
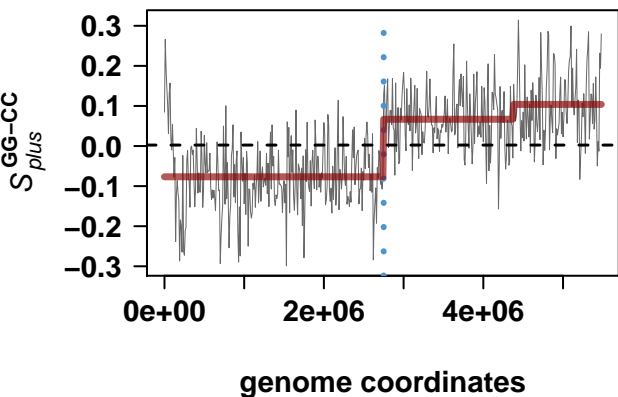
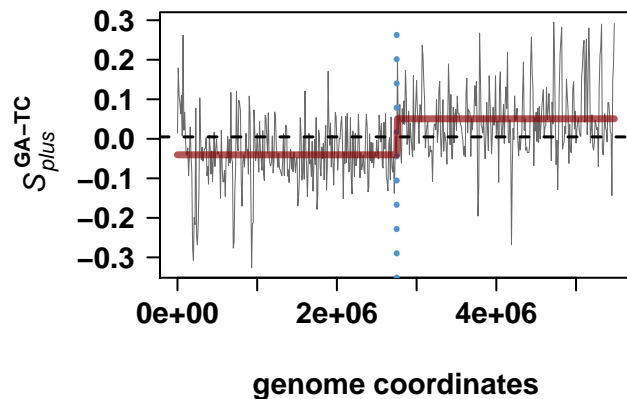
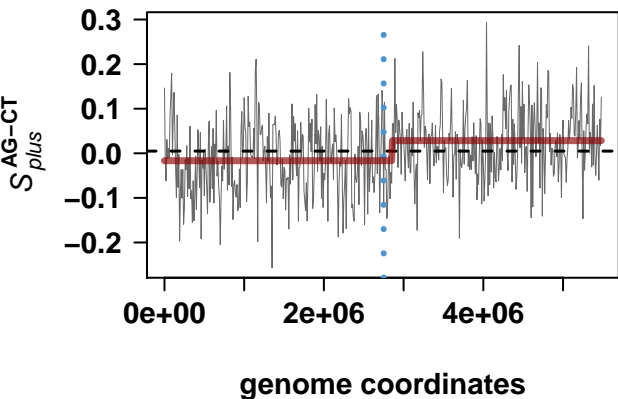


genome coordinates

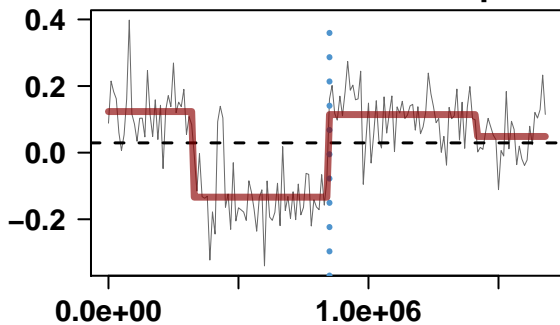


genome coordinates

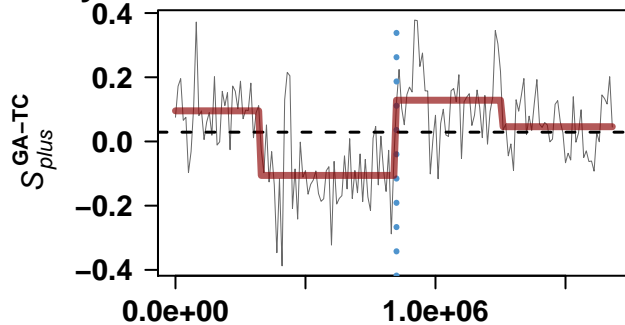
# Escherichia coli O157:H7 str. Sakai



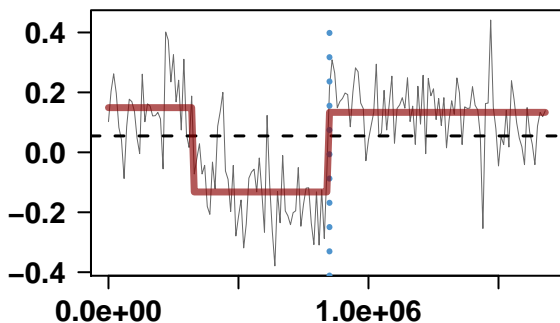
# Haemophilus ducreyi 35000HP



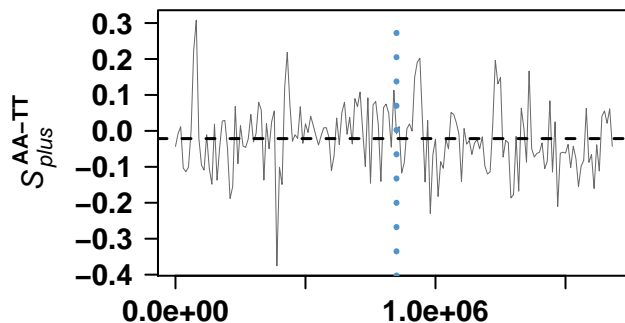
genome coordinates



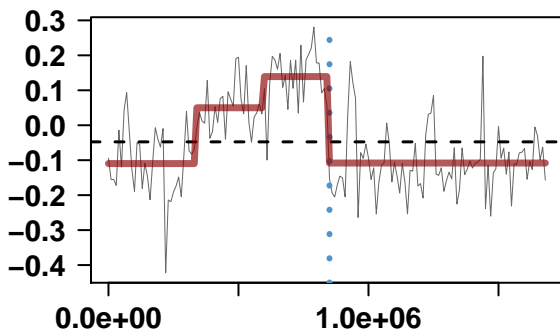
genome coordinates



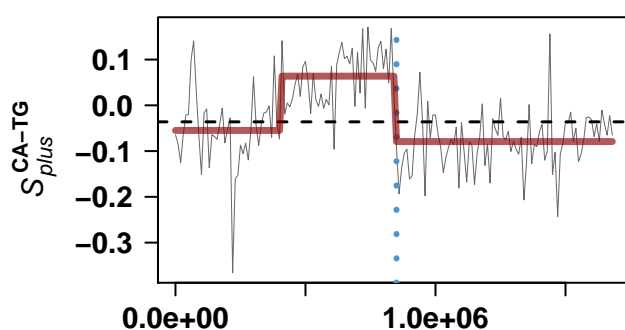
genome coordinates



genome coordinates

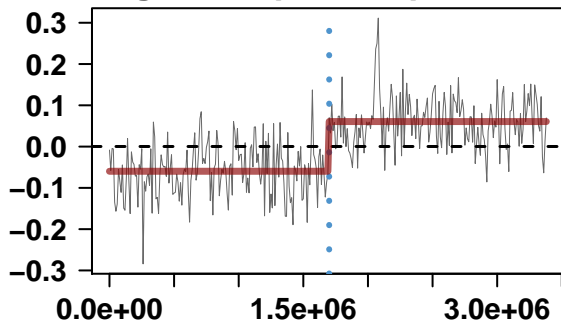


genome coordinates

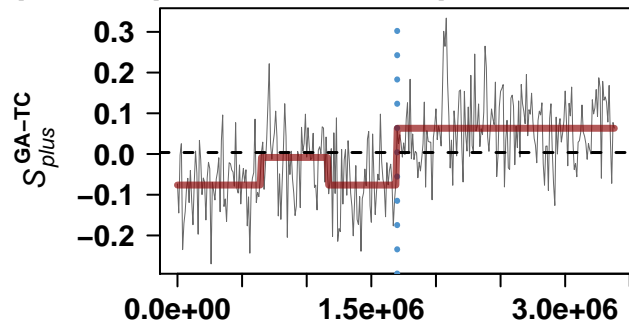


genome coordinates

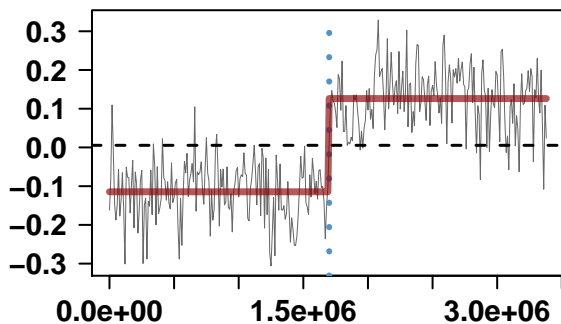
# Legionella pneumophila subsp. pneumophila str. Philadelphia 1



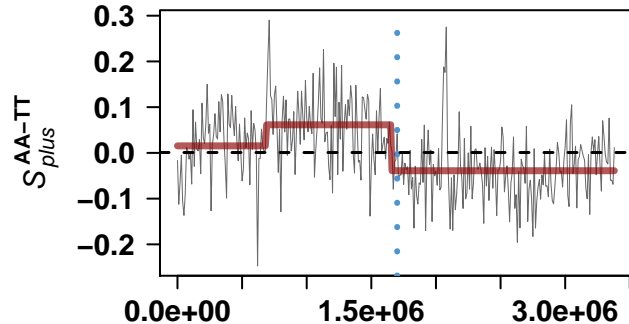
genome coordinates



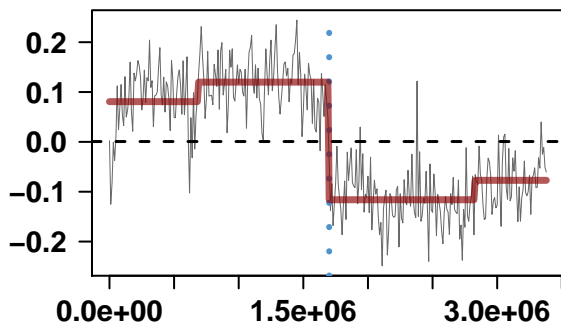
genome coordinates



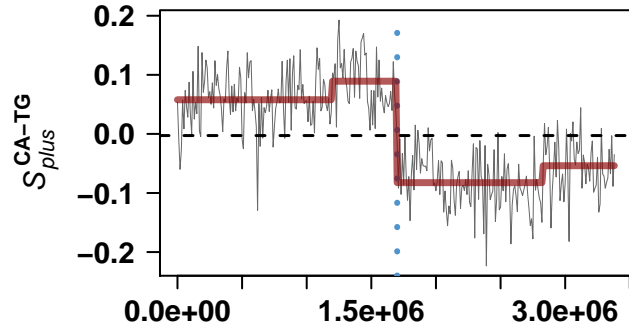
genome coordinates



genome coordinates

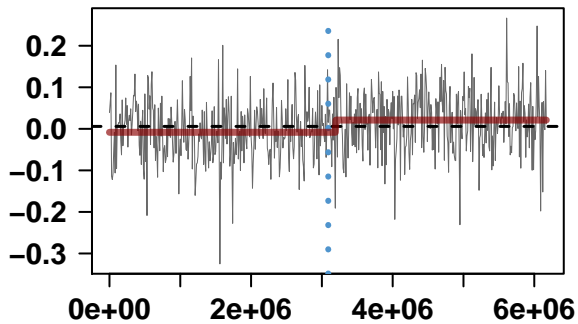


genome coordinates

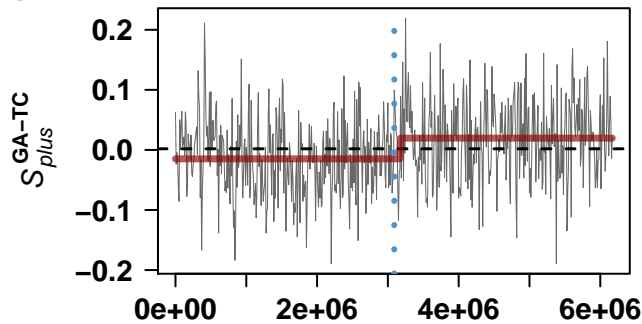


genome coordinates

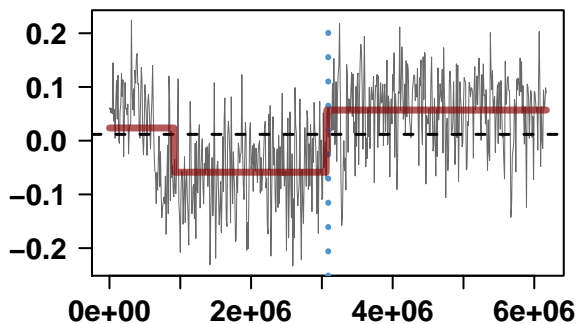
# *Pseudomonas putida* KT2440



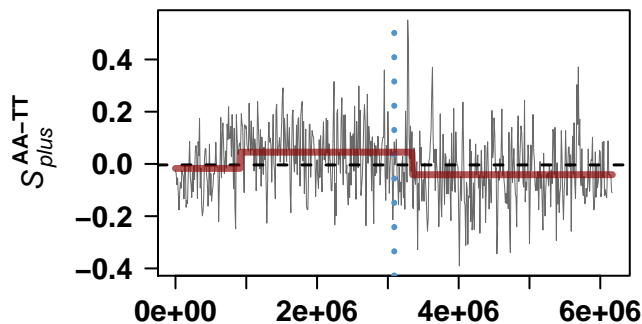
genome coordinates



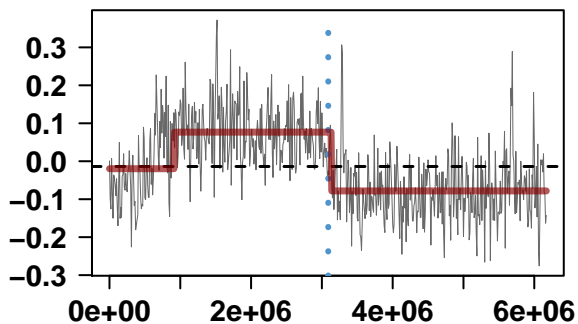
genome coordinates



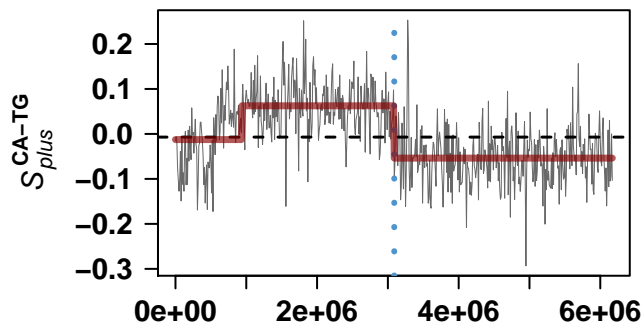
genome coordinates



genome coordinates

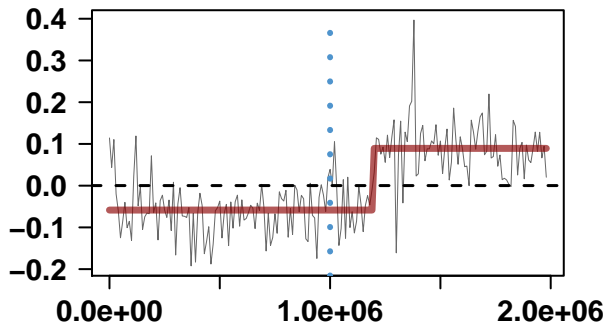


genome coordinates

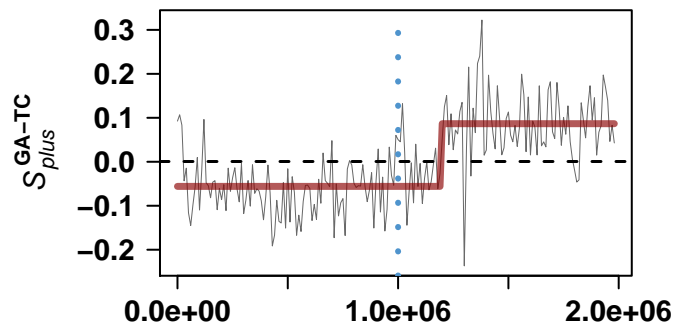


genome coordinates

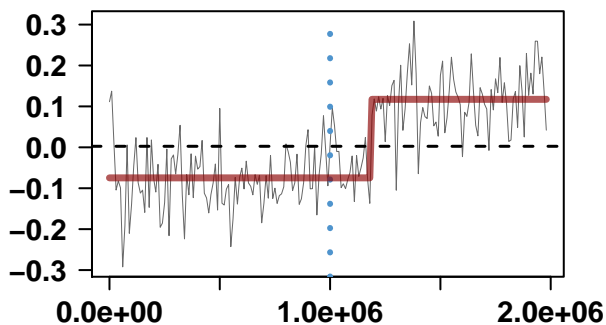
# Coxiella burnetii RSA 493



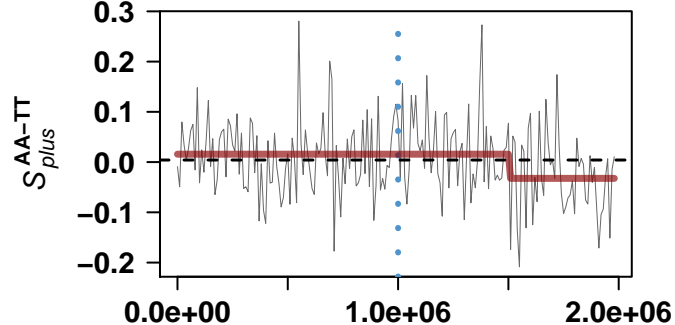
genome coordinates



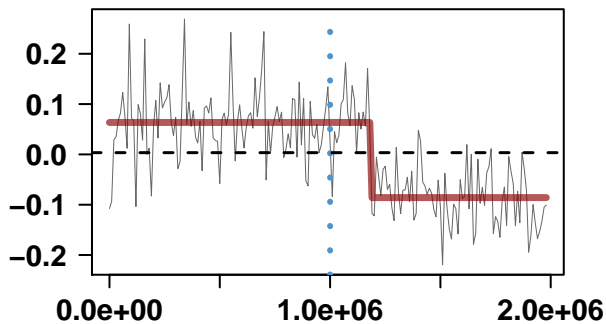
genome coordinates



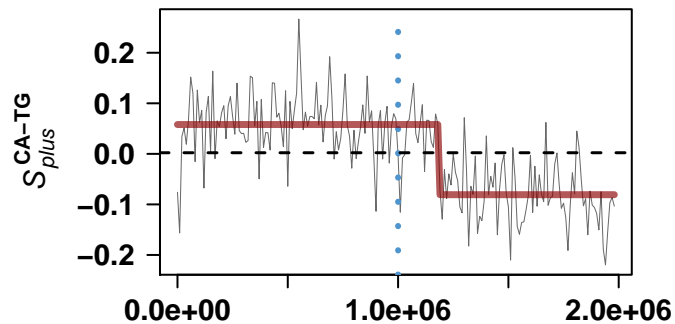
genome coordinates



genome coordinates

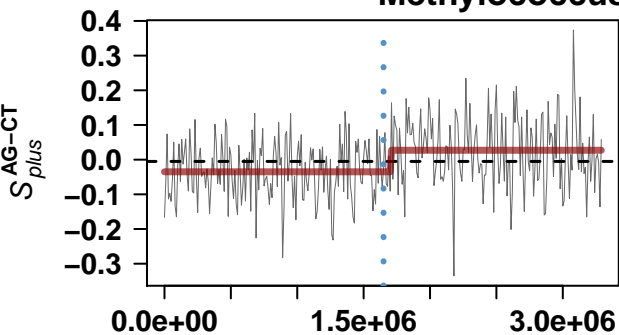


genome coordinates

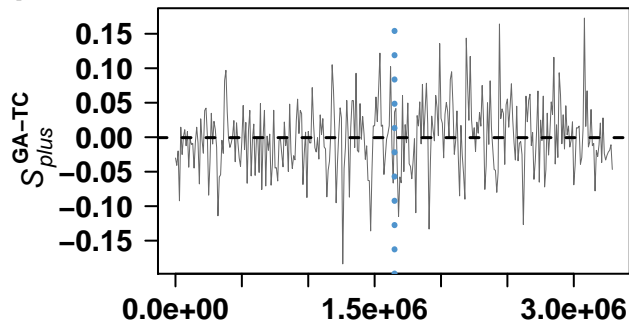


genome coordinates

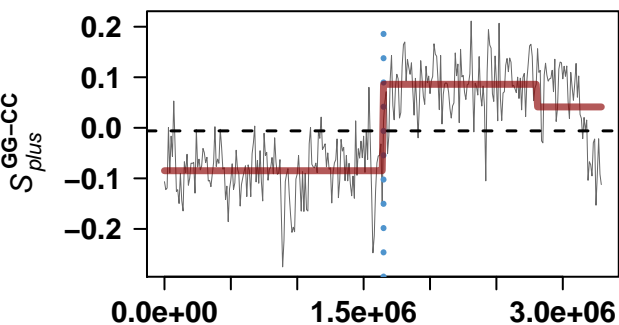
# Methylococcus capsulatus str. Bath



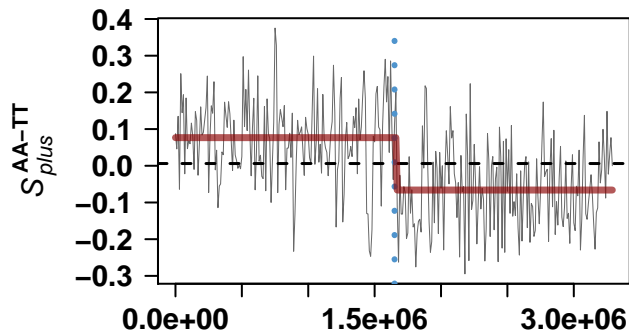
genome coordinates



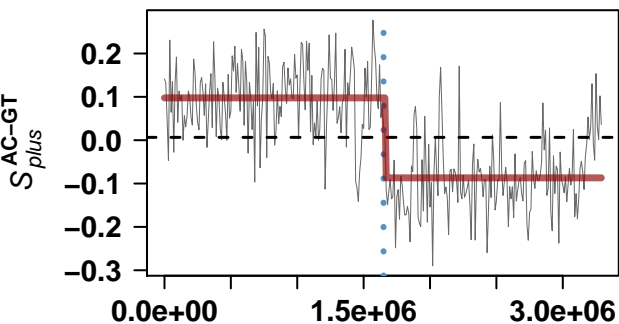
genome coordinates



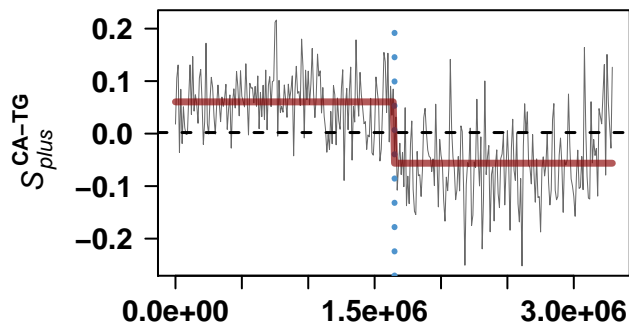
genome coordinates



genome coordinates

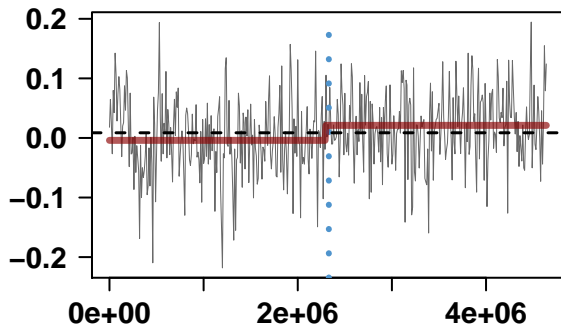


genome coordinates

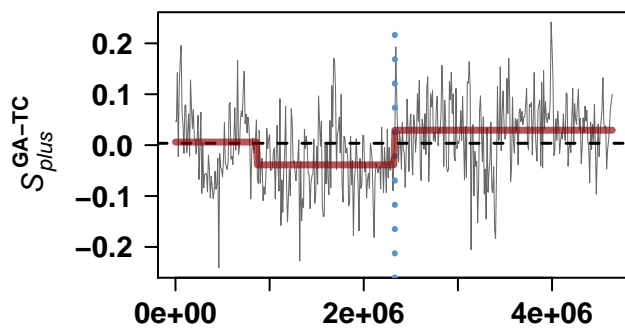


genome coordinates

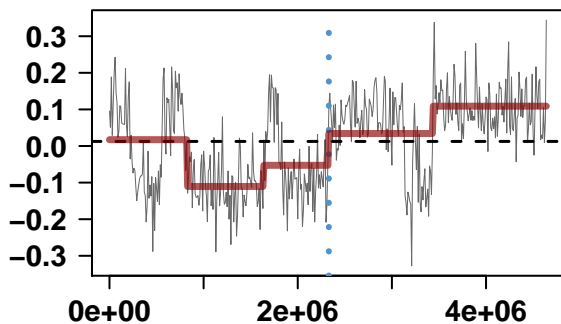
# Yersinia pestis CO92



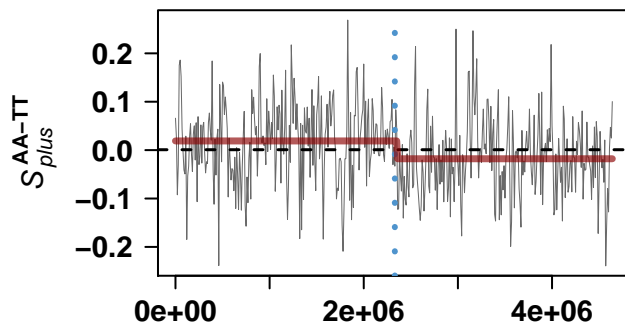
genome coordinates



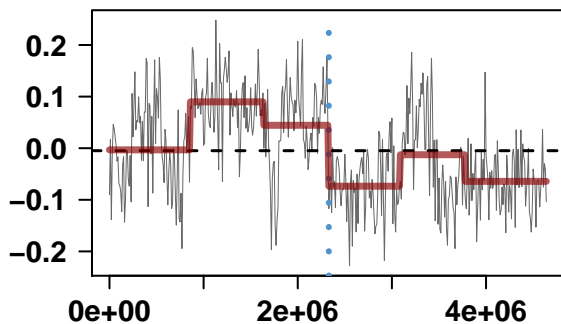
genome coordinates



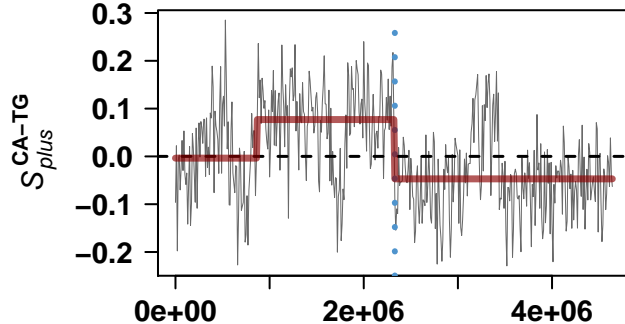
genome coordinates



genome coordinates

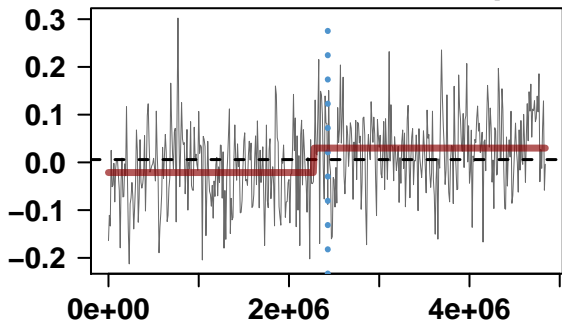


genome coordinates

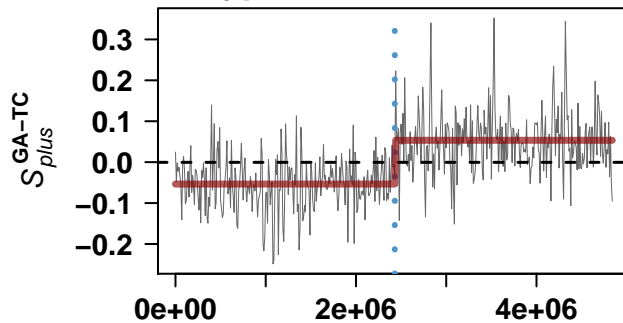


genome coordinates

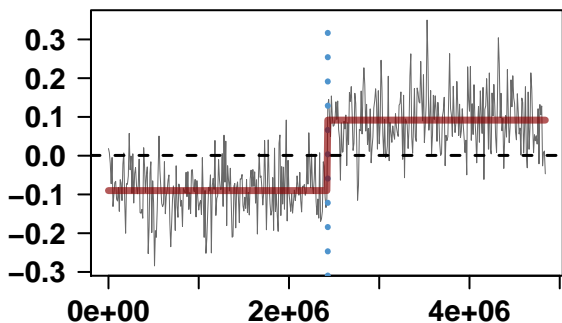
# Salmonella enterica subsp. enterica serovar Typhimurium str. LT2



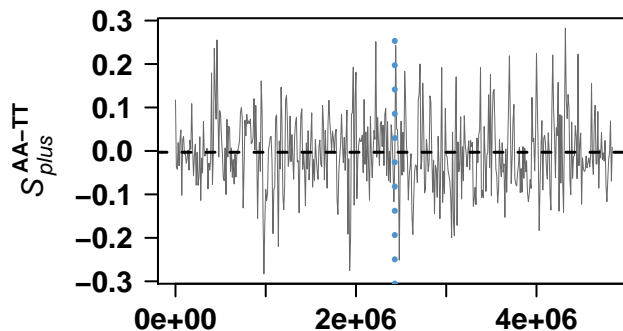
genome coordinates



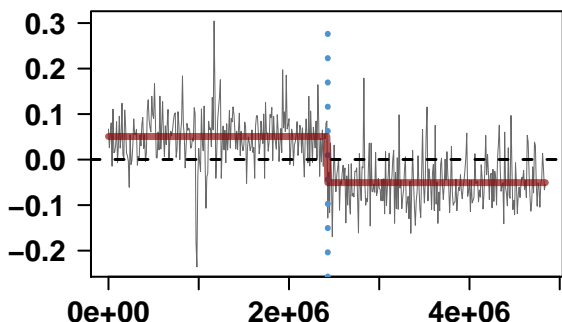
genome coordinates



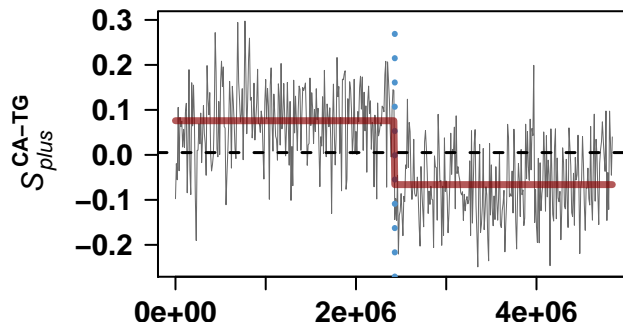
genome coordinates



genome coordinates

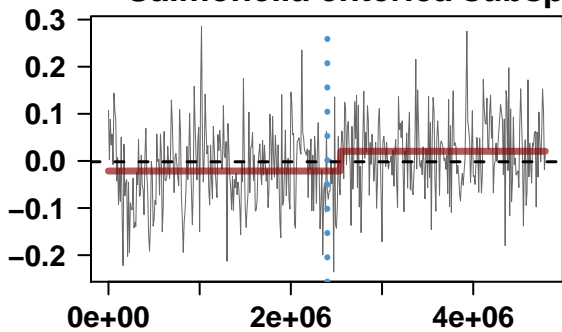


genome coordinates

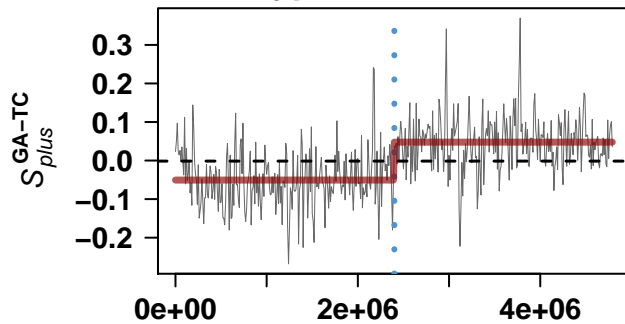


genome coordinates

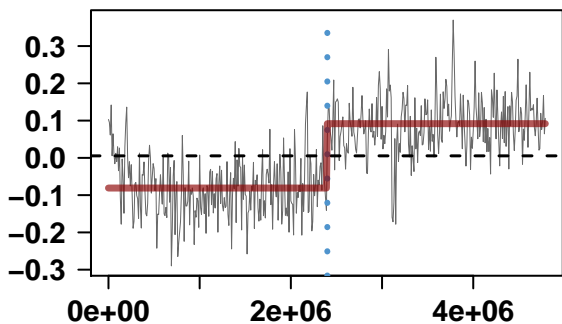
# Salmonella enterica subsp. enterica serovar Typhi str. CT18



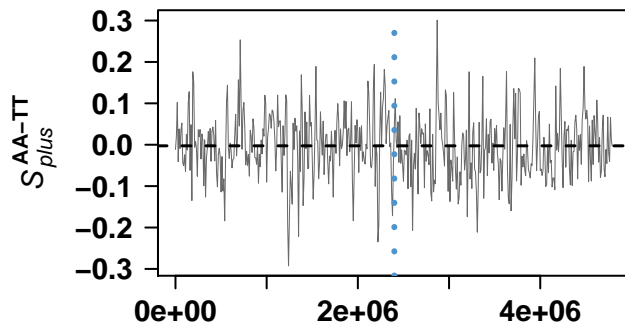
genome coordinates



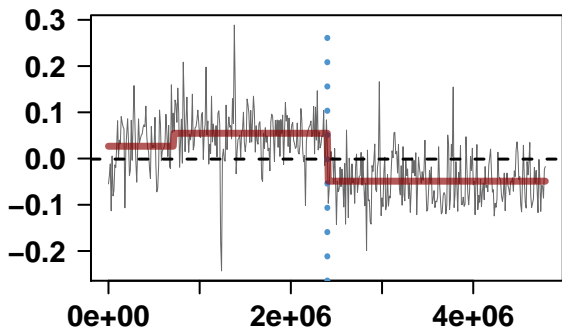
genome coordinates



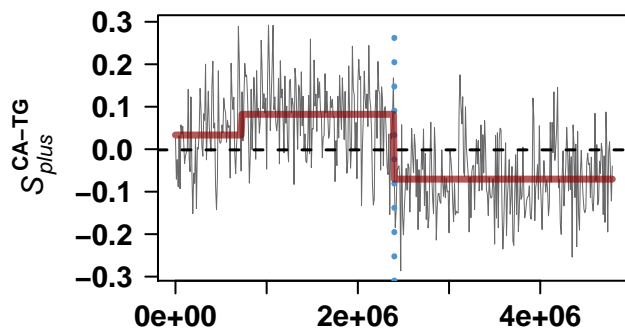
genome coordinates



genome coordinates

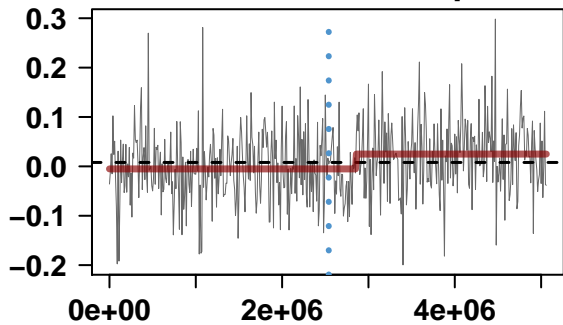


genome coordinates

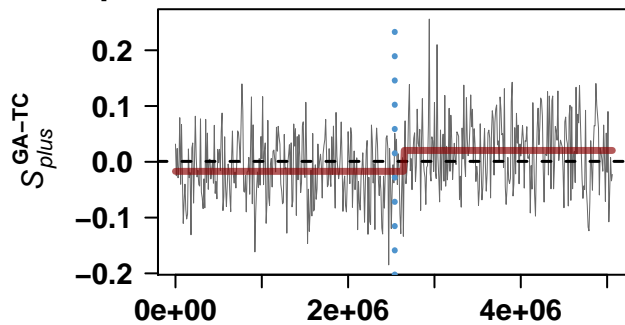


genome coordinates

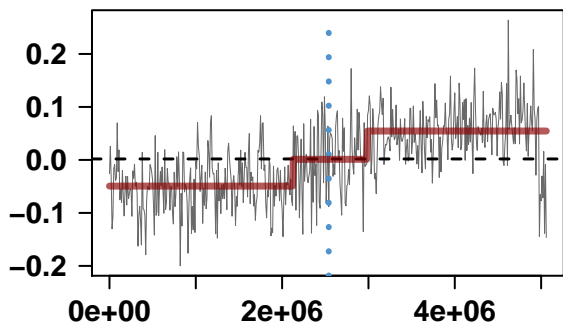
# *Xanthomonas campestris* pv. *campestris* str. ATCC 33913



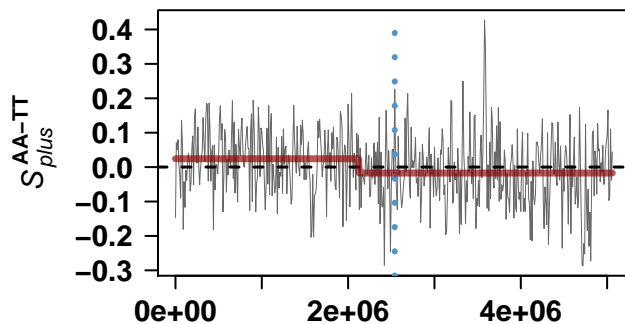
genome coordinates



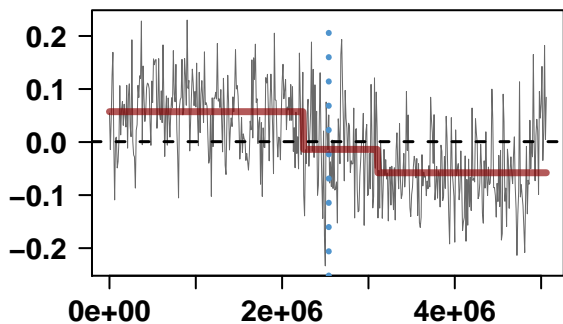
genome coordinates



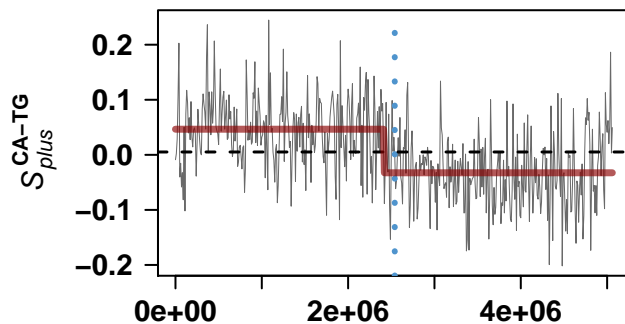
genome coordinates



genome coordinates

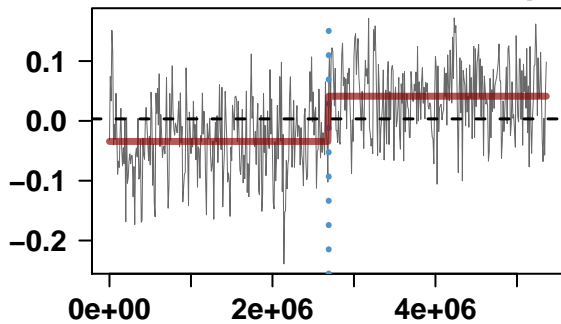


genome coordinates

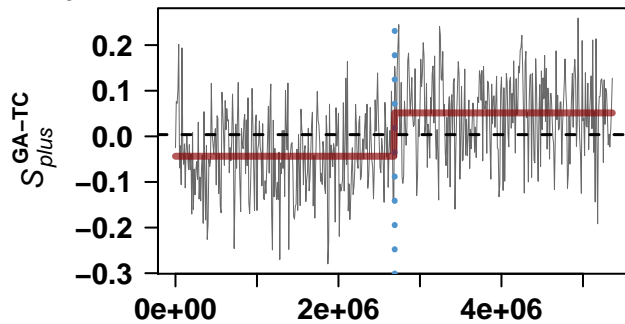


genome coordinates

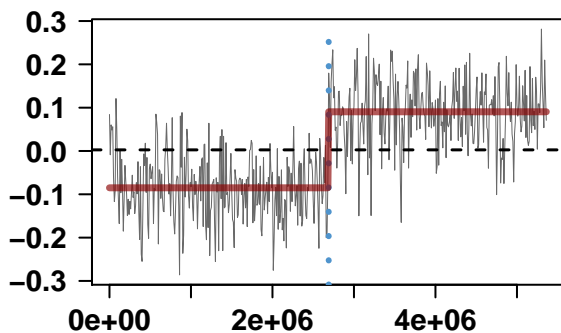
# Colwellia psychrerythraea 34H



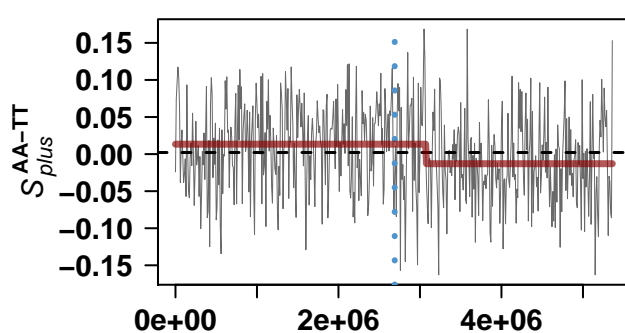
genome coordinates



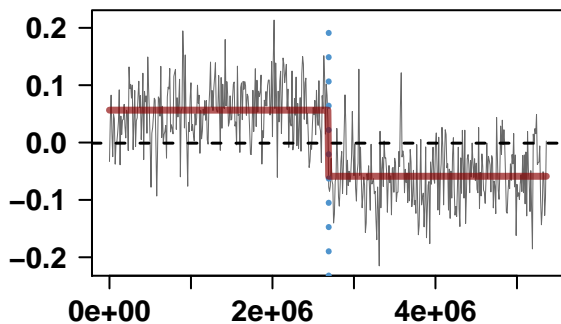
genome coordinates



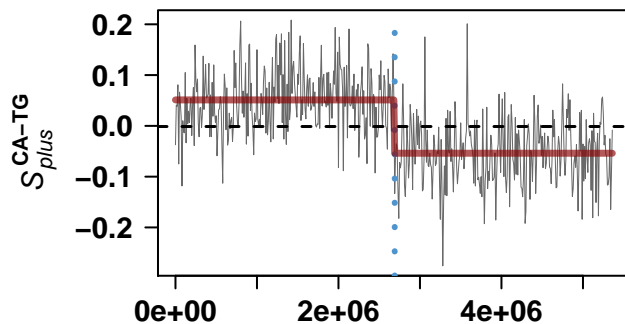
genome coordinates



genome coordinates

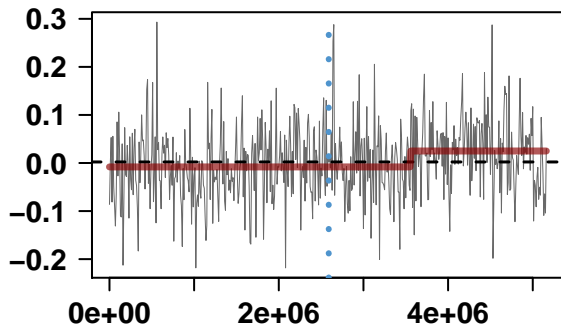


genome coordinates

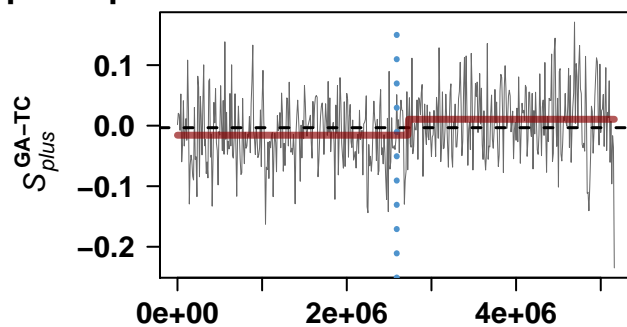


genome coordinates

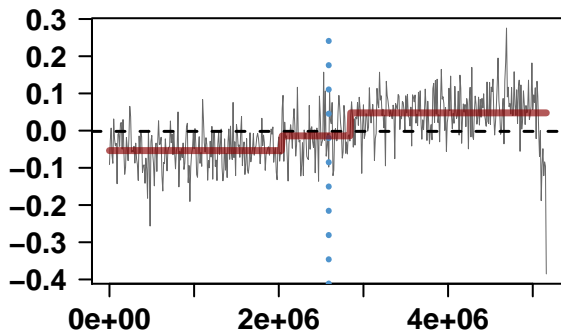
# Xanthomonas axonopodis pv. citri str. 306



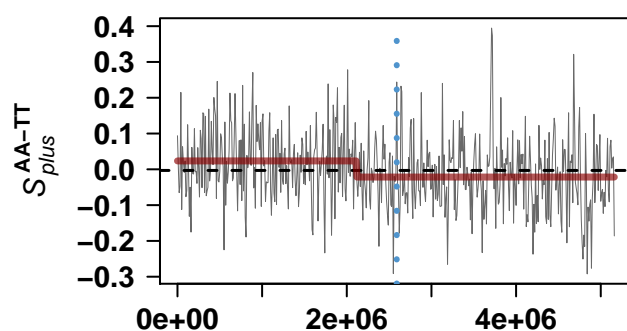
genome coordinates



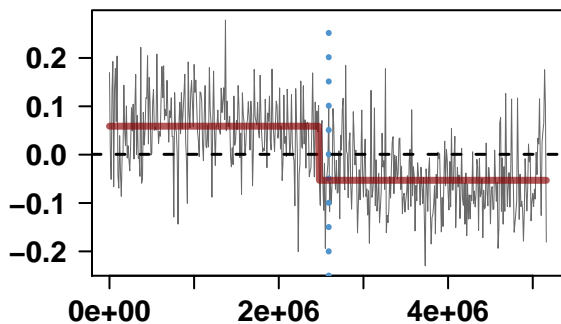
genome coordinates



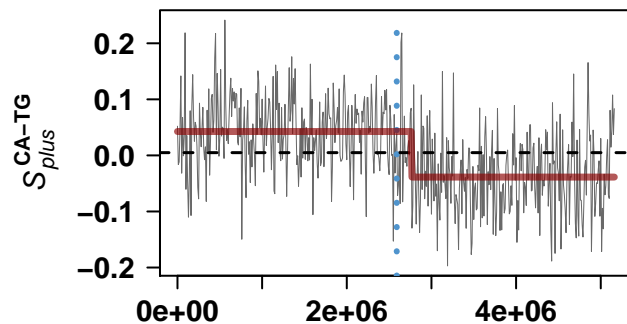
genome coordinates



genome coordinates

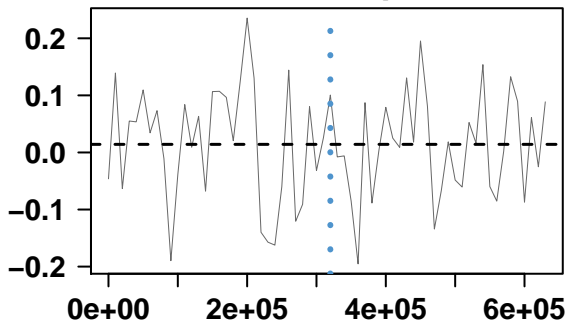


genome coordinates

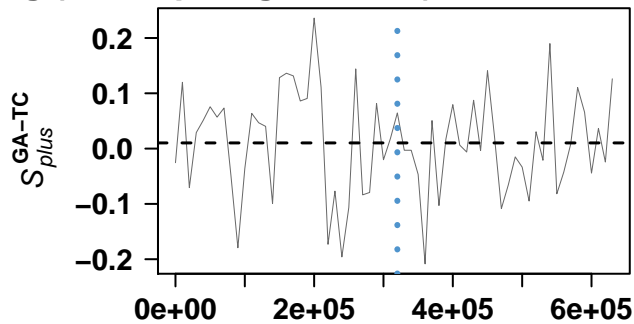


genome coordinates

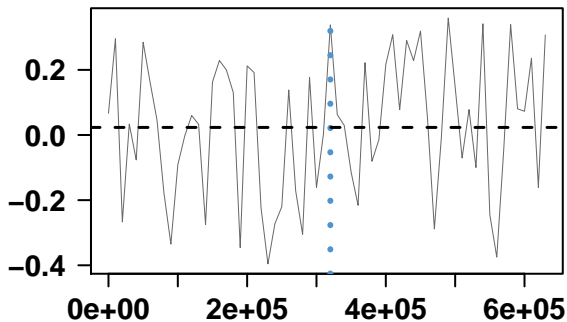
# Buchnera aphidicola str. Sg (Schizaphis graminum)



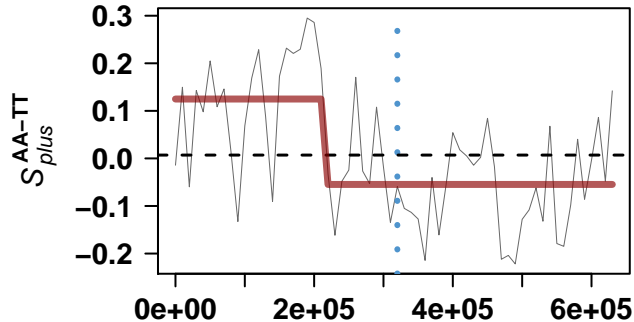
genome coordinates



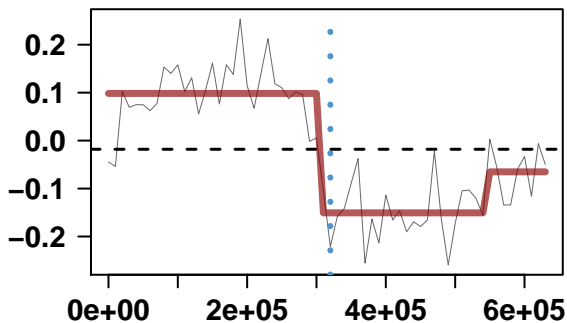
genome coordinates



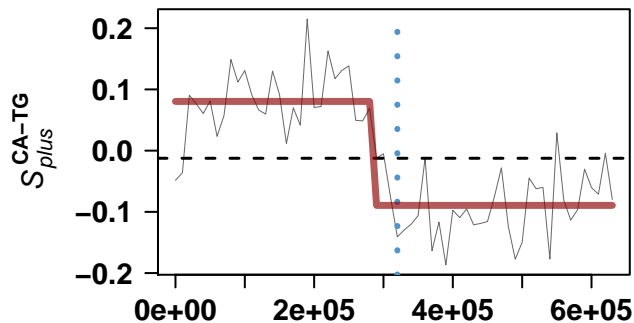
genome coordinates



genome coordinates

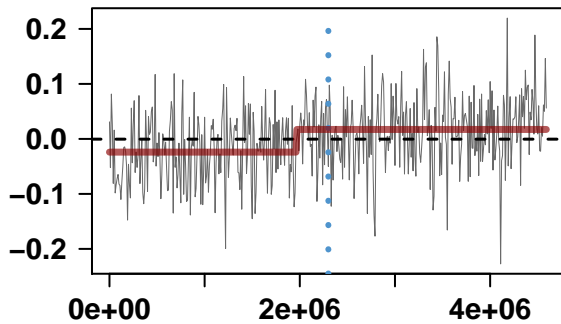


genome coordinates

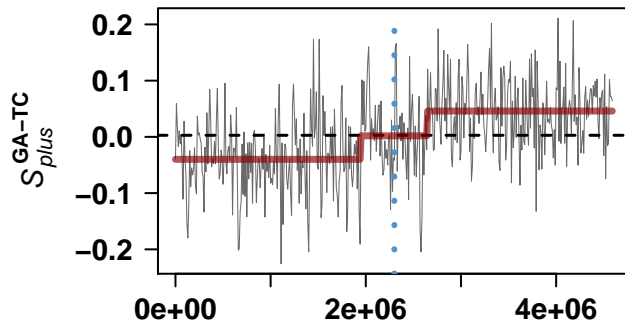


genome coordinates

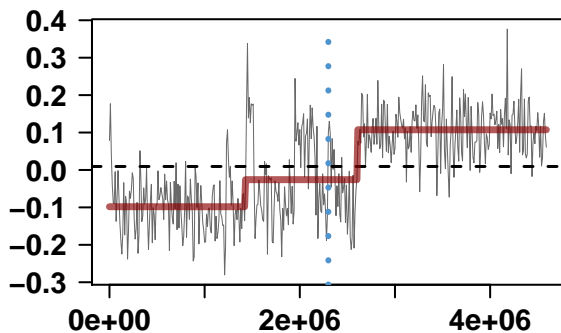
# Yersinia pestis KIM10+



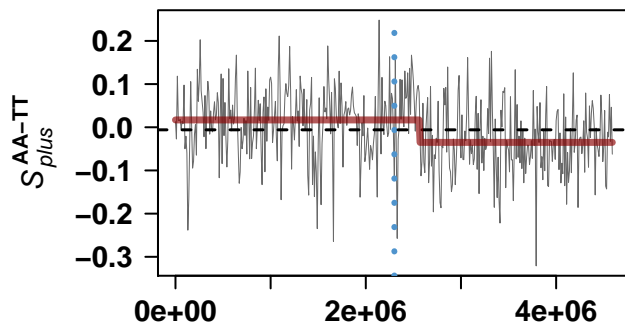
genome coordinates



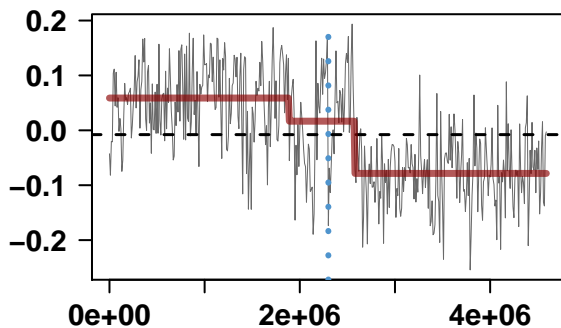
genome coordinates



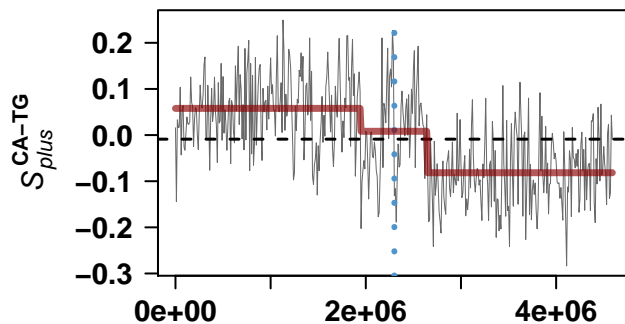
genome coordinates



genome coordinates

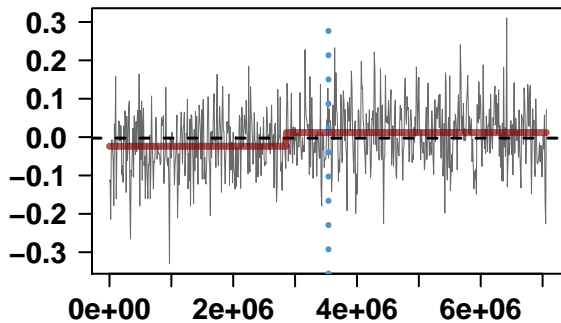


genome coordinates

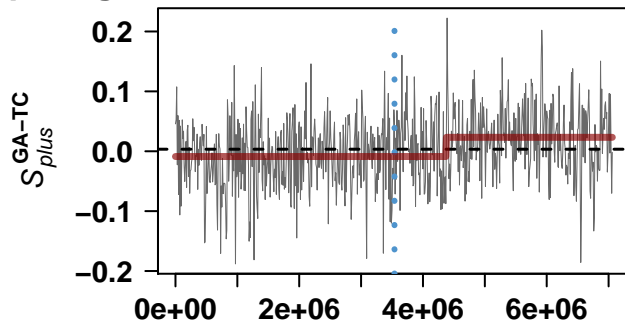


genome coordinates

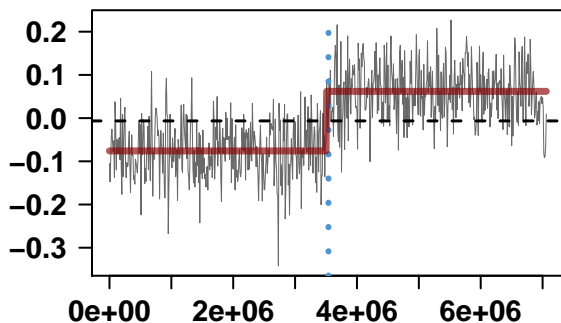
# *Pseudomonas protegens* Pf-5



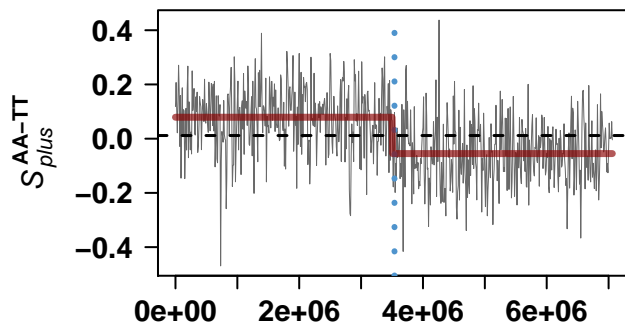
genome coordinates



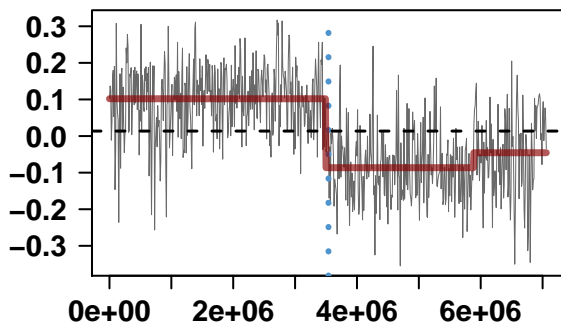
genome coordinates



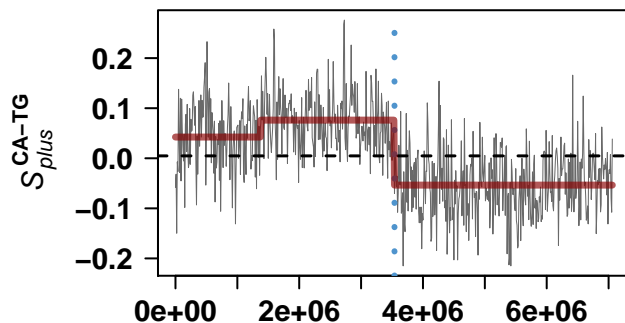
genome coordinates



genome coordinates

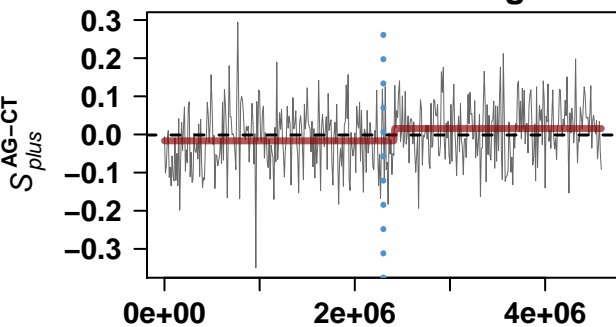


genome coordinates

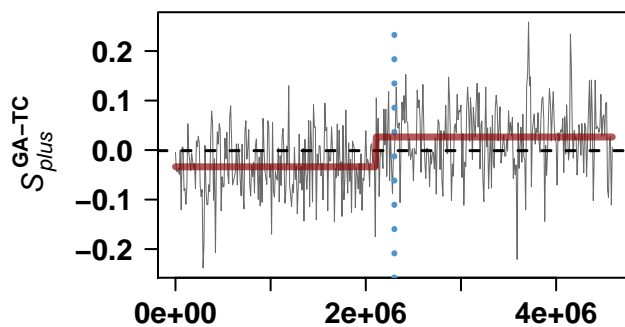


genome coordinates

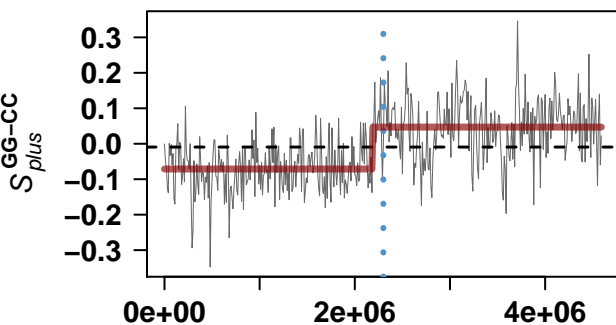
# Shigella flexneri 2a str. 301



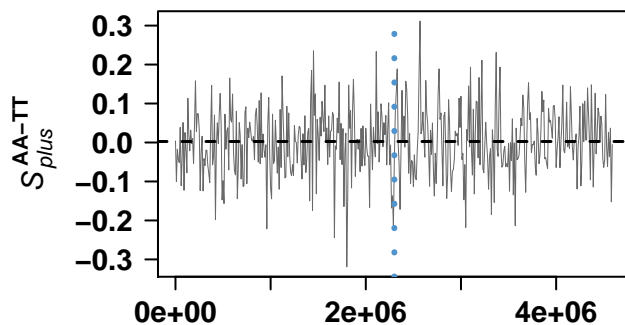
genome coordinates



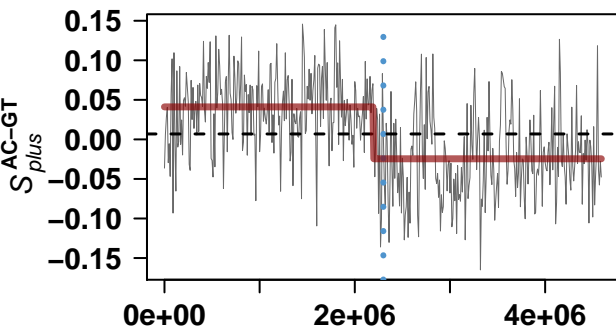
genome coordinates



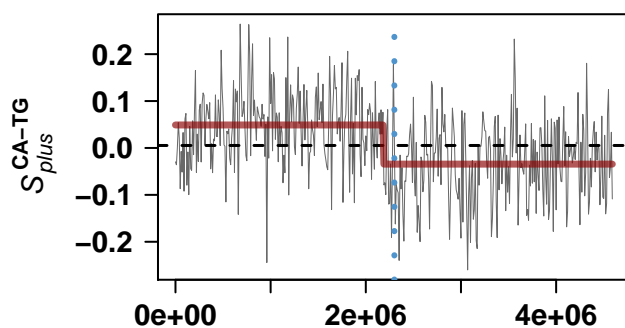
genome coordinates



genome coordinates

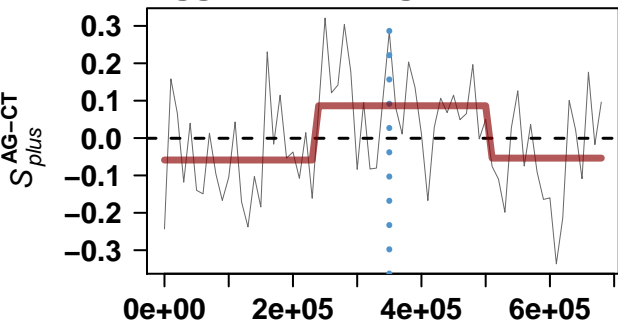


genome coordinates

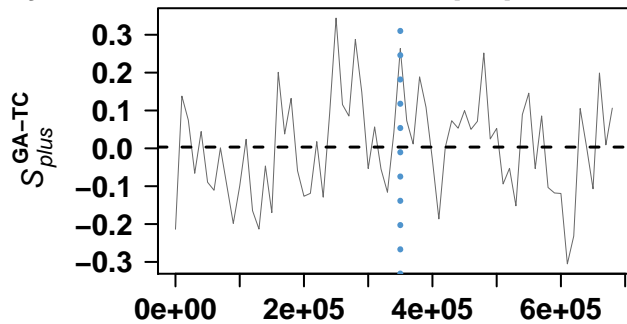


genome coordinates

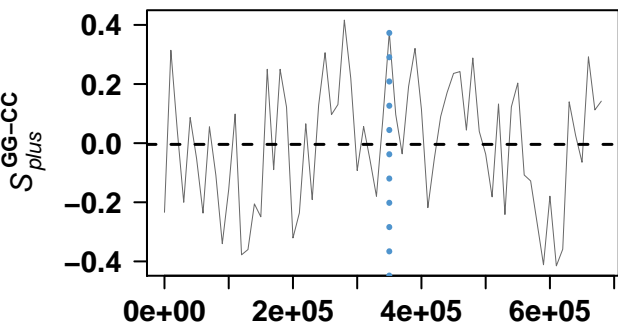
# Wigglesworthia glossinidia endosymbiont of Glossina brevipalpis



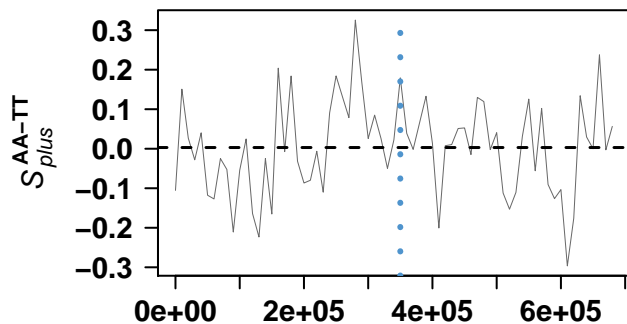
genome coordinates



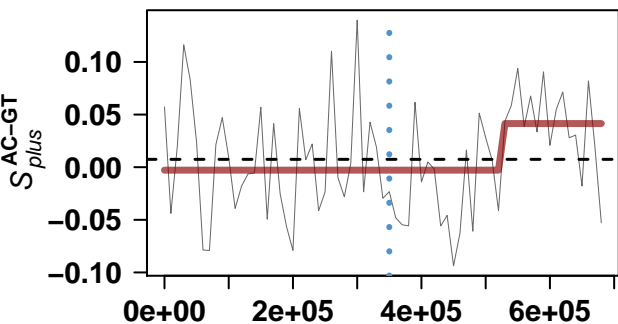
genome coordinates



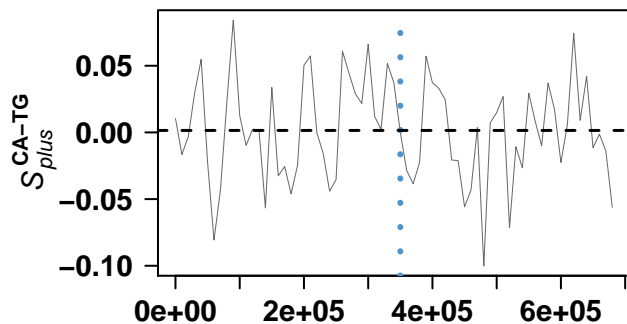
genome coordinates



genome coordinates

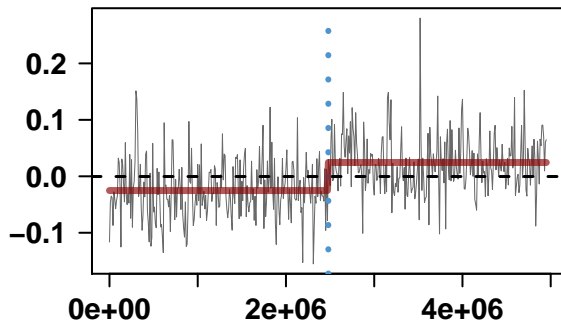


genome coordinates

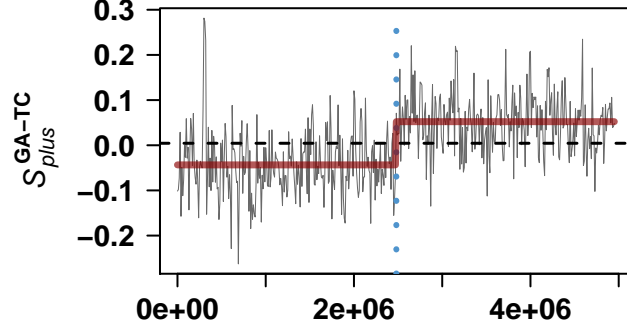


genome coordinates

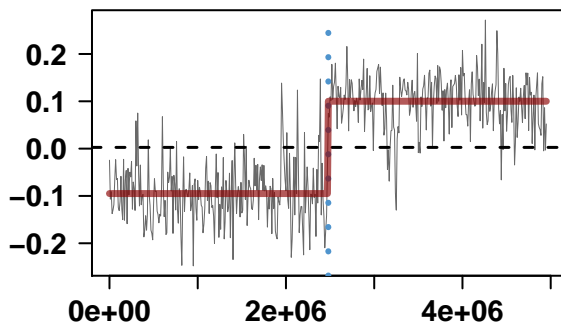
# Shewanella oneidensis MR-1



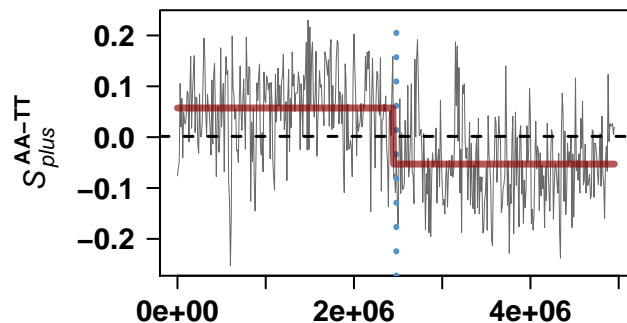
genome coordinates



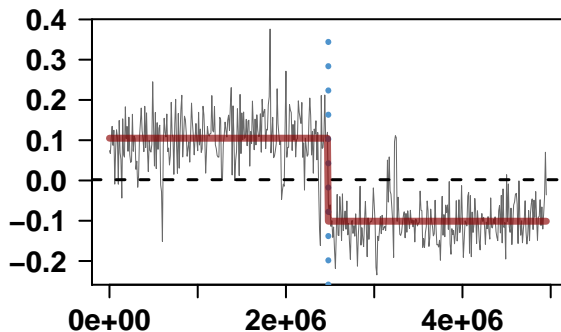
genome coordinates



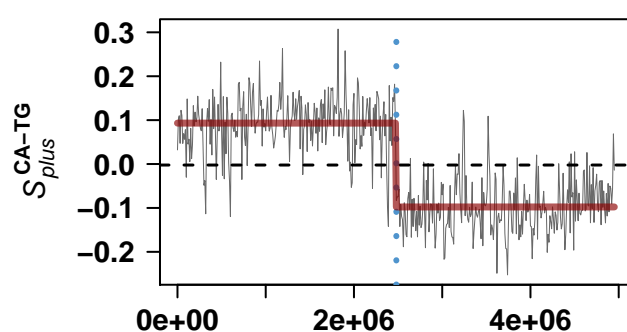
genome coordinates



genome coordinates

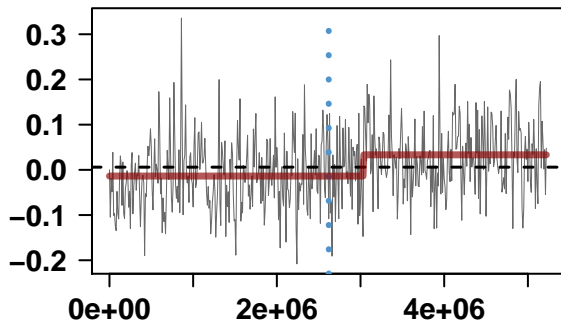


genome coordinates

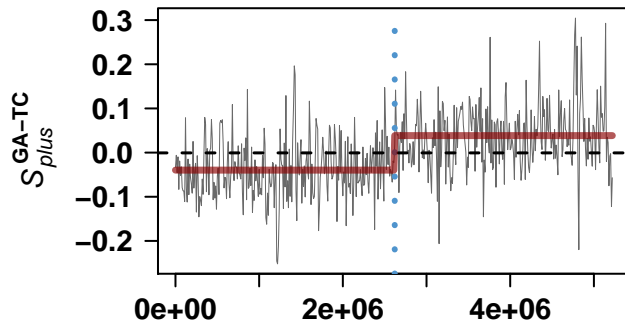


genome coordinates

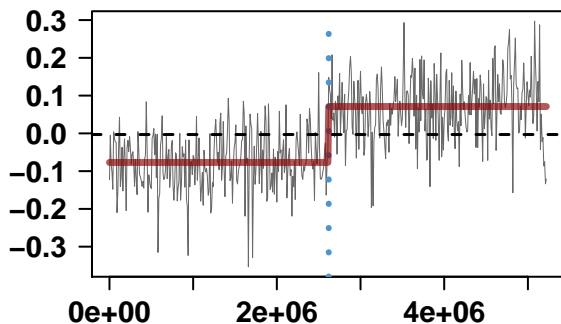
# Escherichia coli CFT073



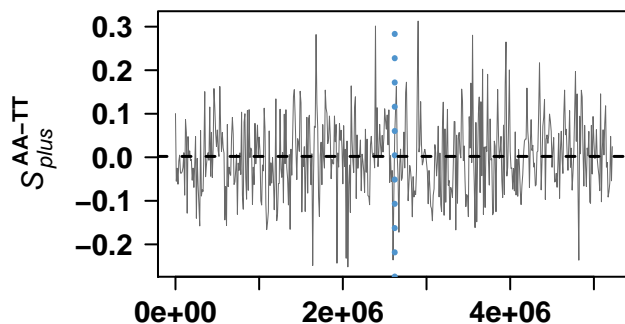
genome coordinates



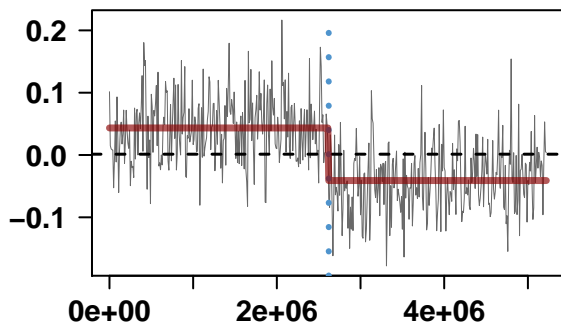
genome coordinates



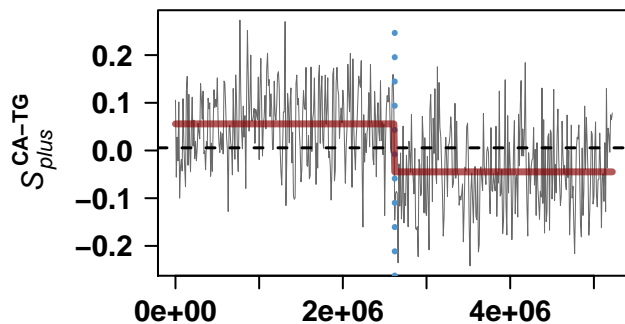
genome coordinates



genome coordinates

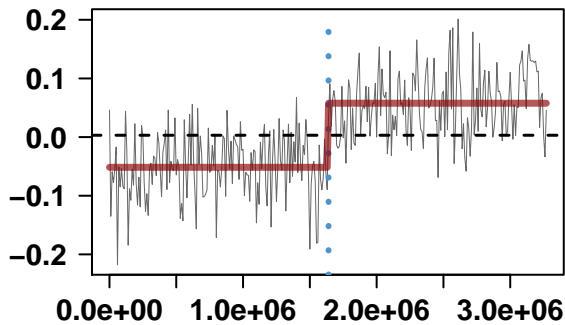


genome coordinates

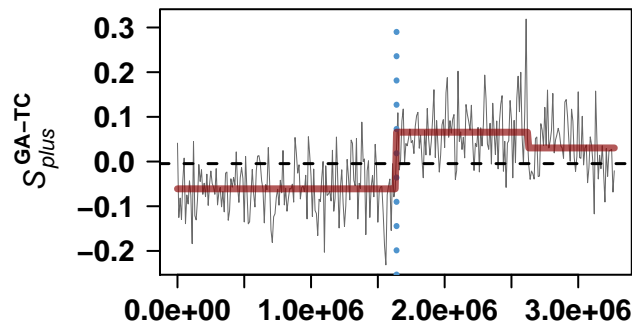


genome coordinates

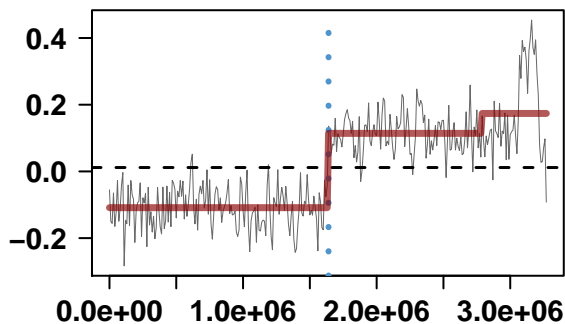
# Vibrio vulnificus CMCP6



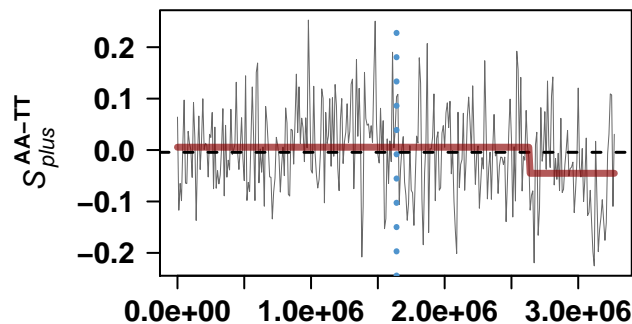
genome coordinates



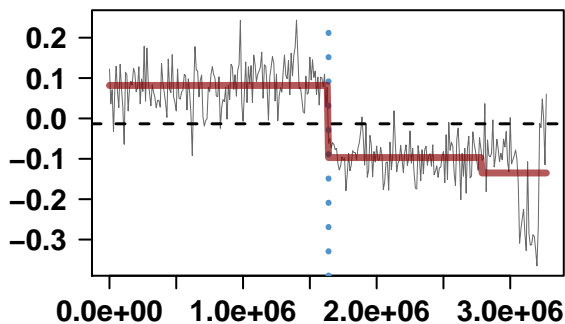
genome coordinates



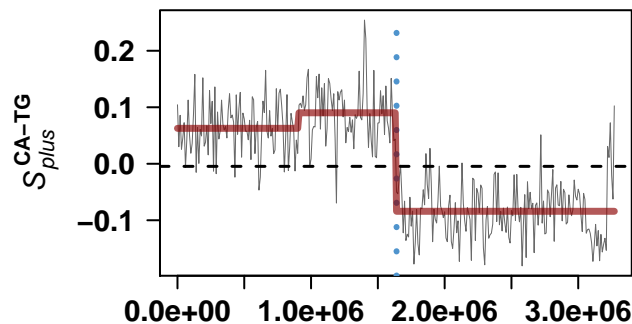
genome coordinates



genome coordinates

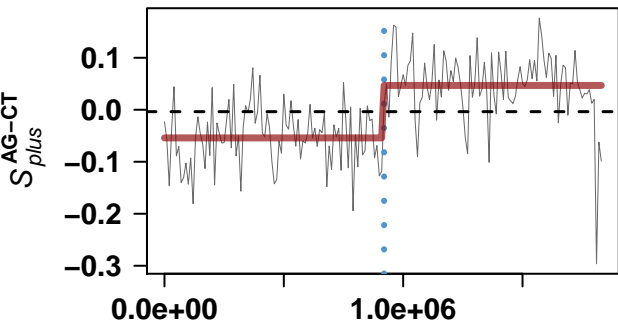


genome coordinates

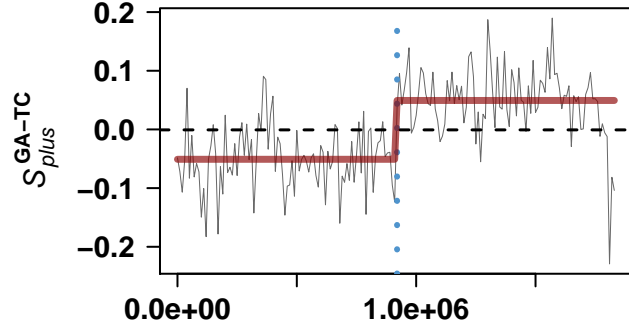


genome coordinates

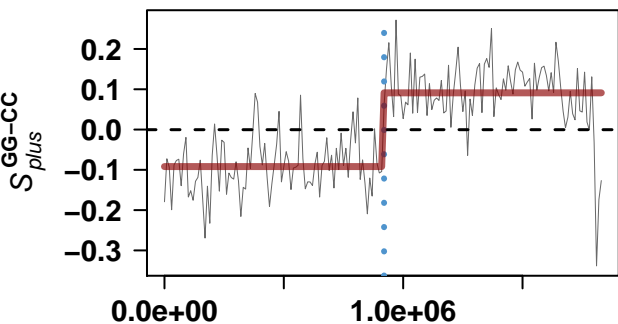
# Vibrio vulnificus CMCP6



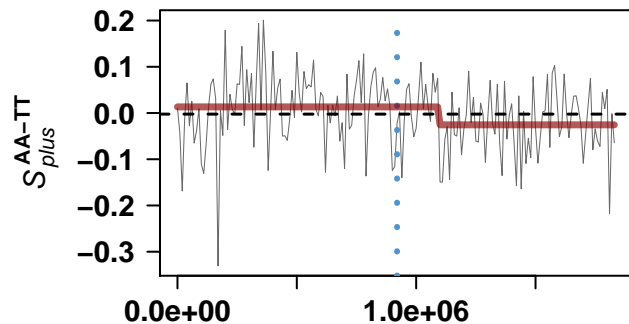
genome coordinates



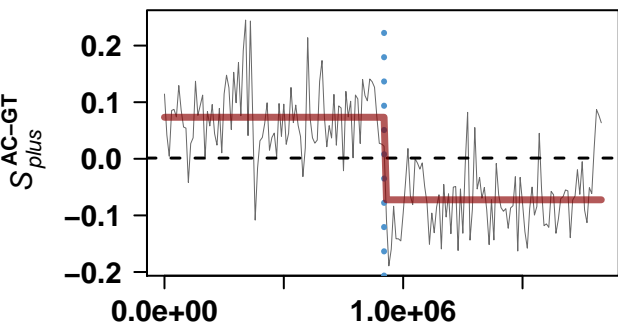
genome coordinates



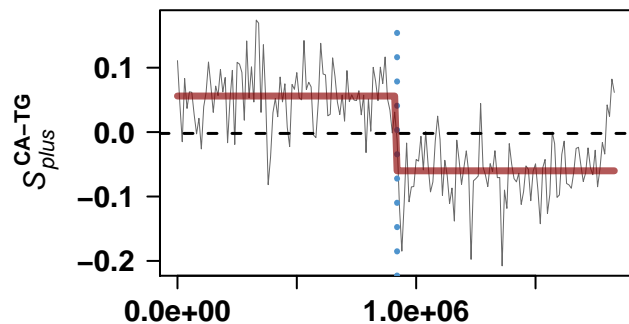
genome coordinates



genome coordinates

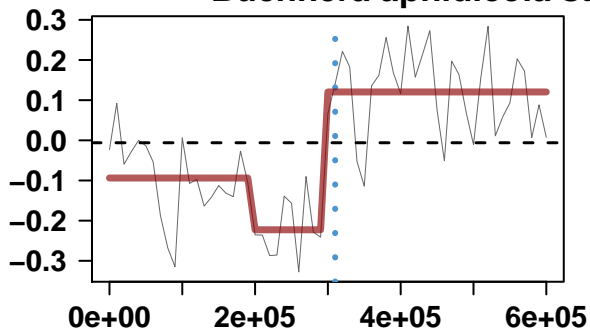


genome coordinates

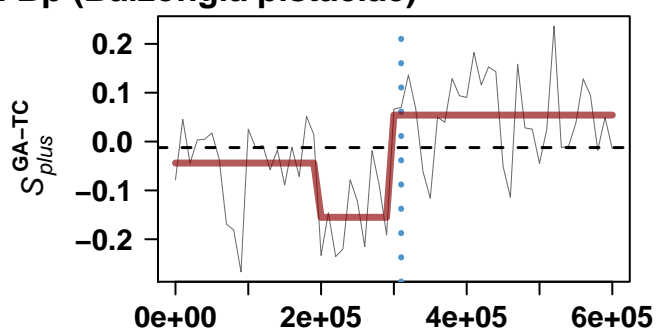


genome coordinates

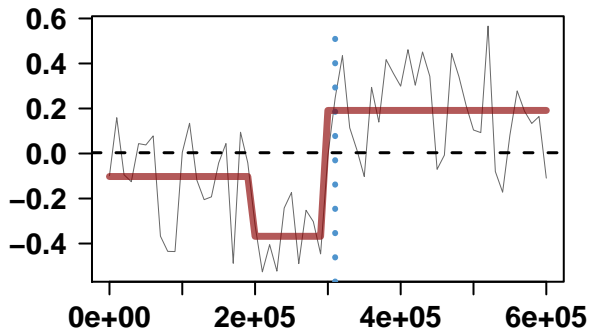
# Buchnera aphidicola str. Bp (Baizongia pistaciae)



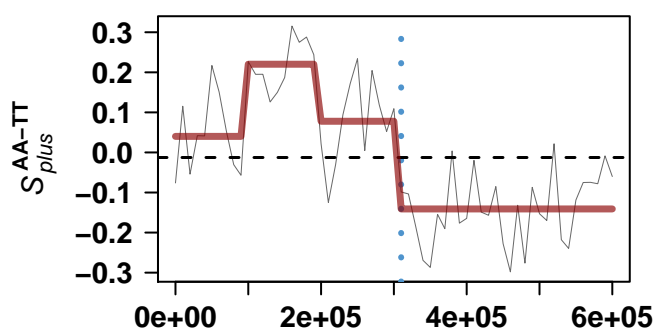
genome coordinates



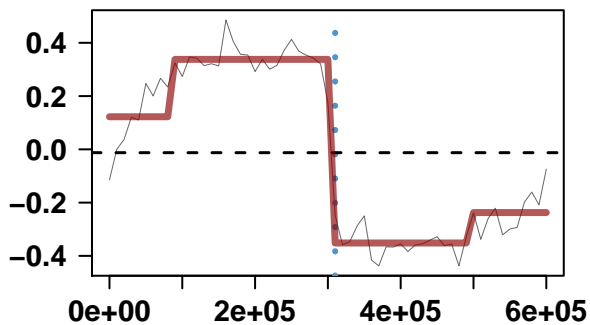
genome coordinates



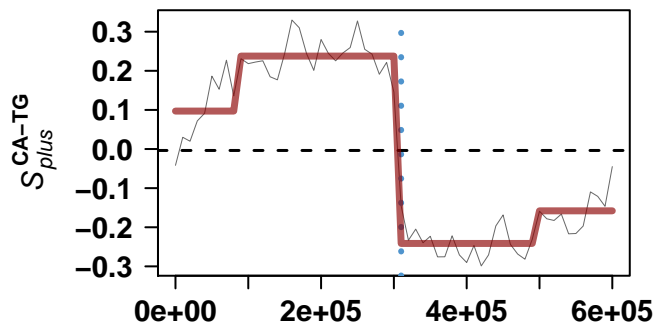
genome coordinates



genome coordinates

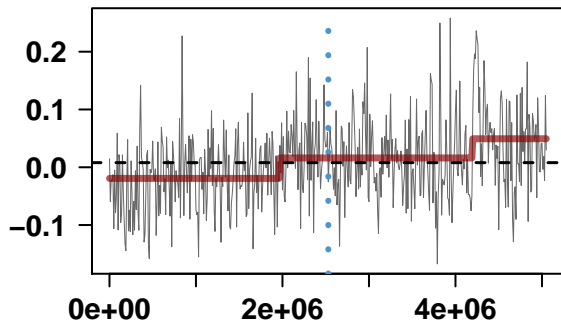


genome coordinates

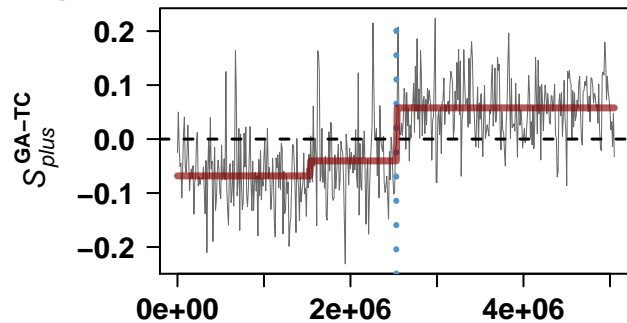


genome coordinates

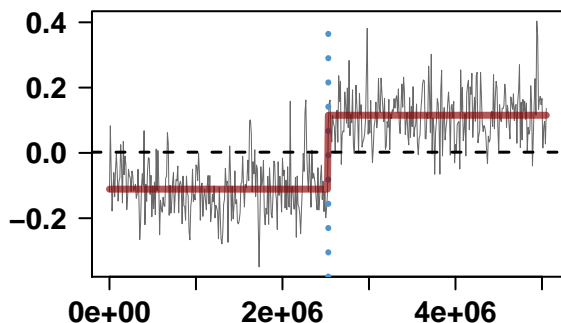
# Pectobacterium atrosepticum SCRI1043



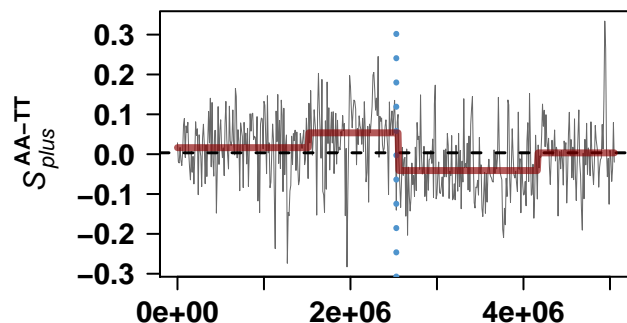
genome coordinates



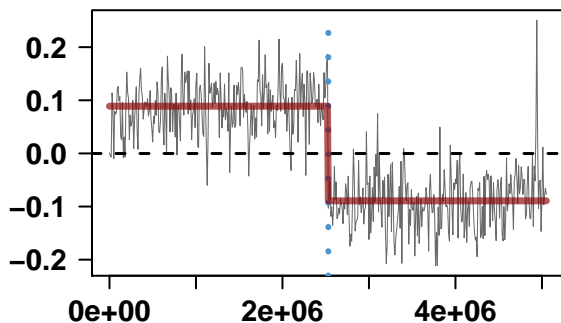
genome coordinates



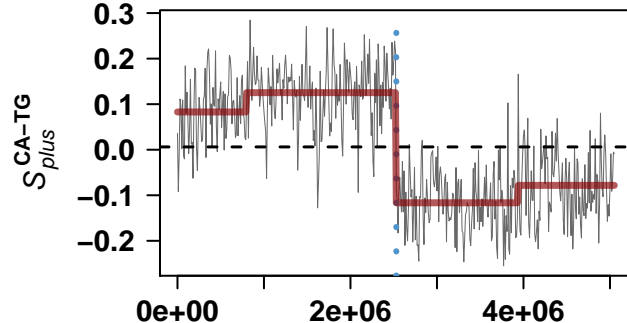
genome coordinates



genome coordinates

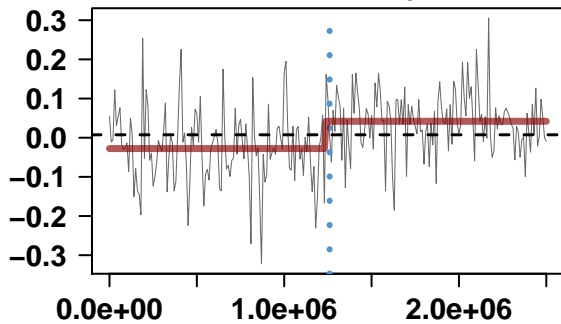


genome coordinates

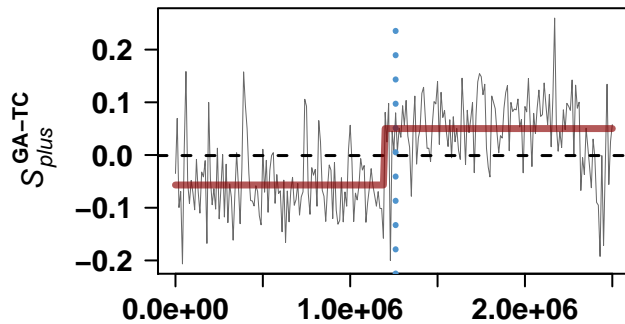


genome coordinates

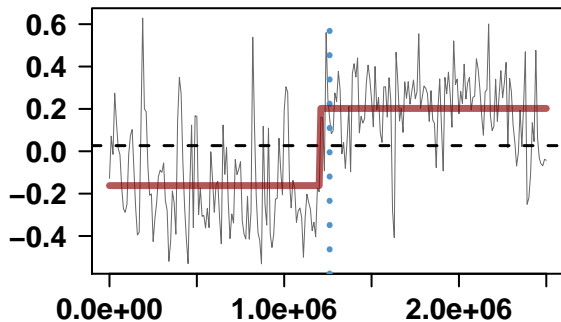
# *Xylella fastidiosa* Temecula1



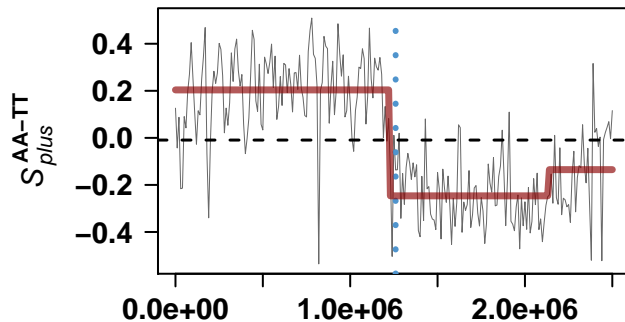
genome coordinates



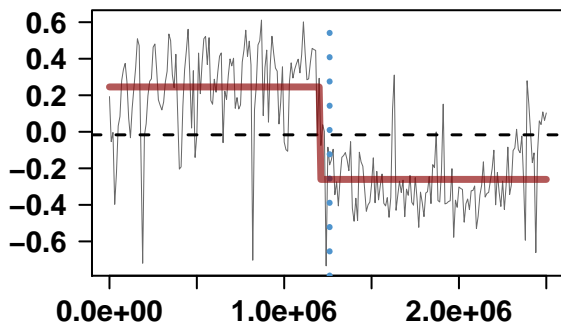
genome coordinates



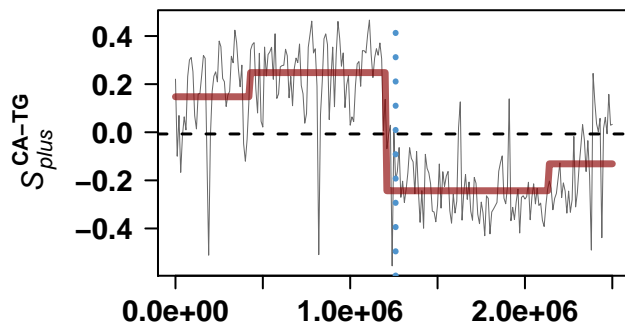
genome coordinates



genome coordinates

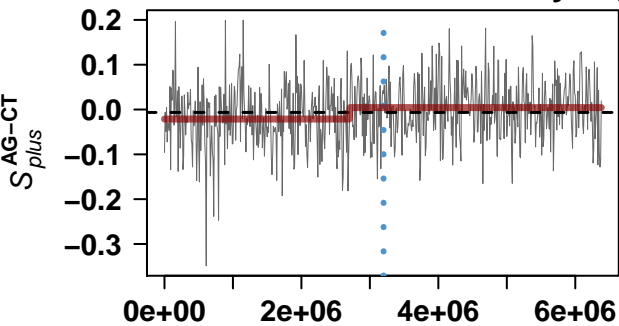


genome coordinates

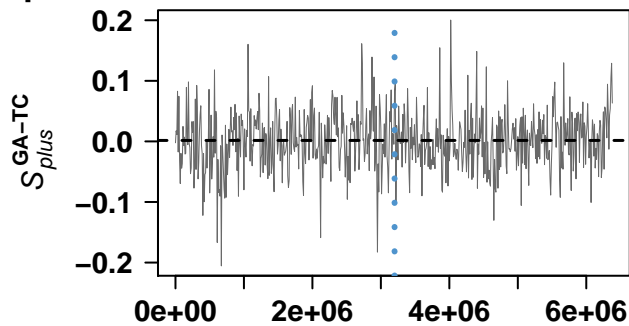


genome coordinates

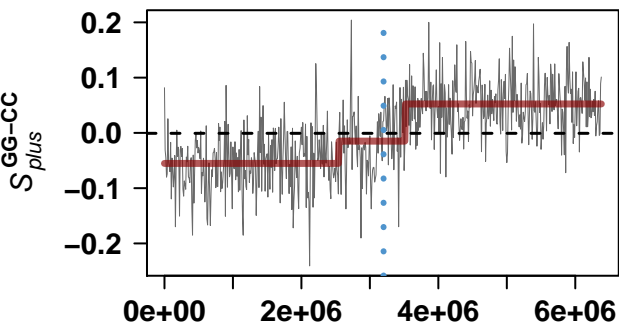
# *Pseudomonas syringae* pv. *tomato* str. DC3000



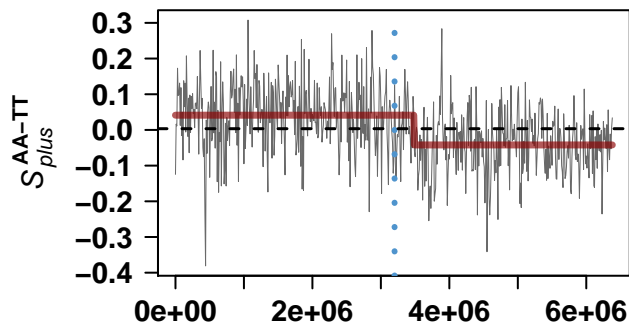
genome coordinates



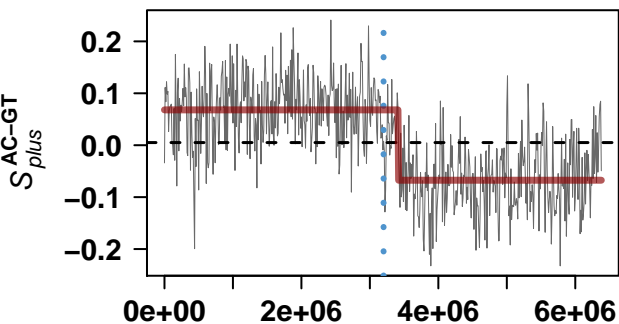
genome coordinates



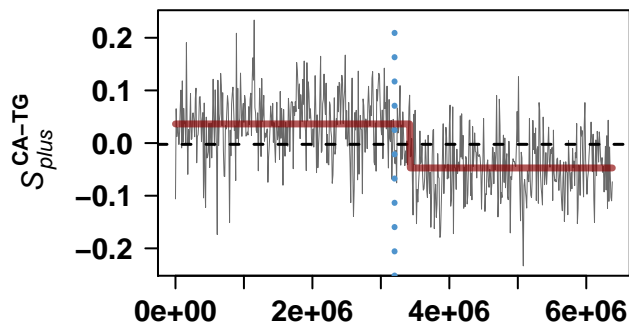
genome coordinates



genome coordinates

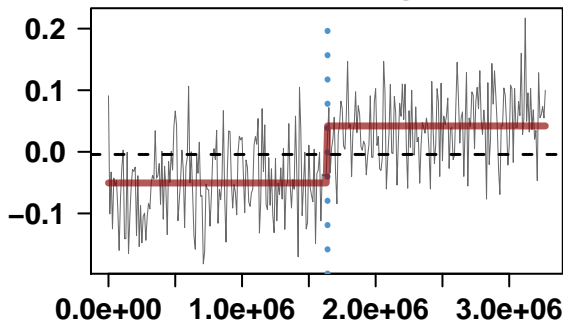


genome coordinates

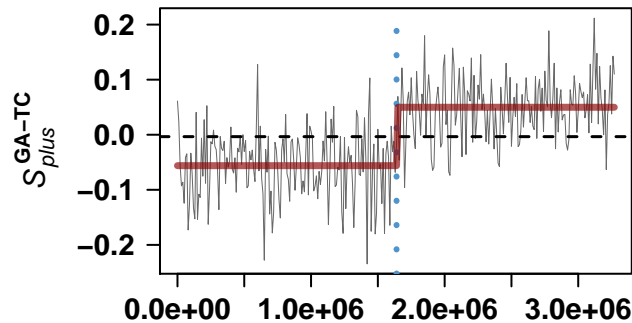


genome coordinates

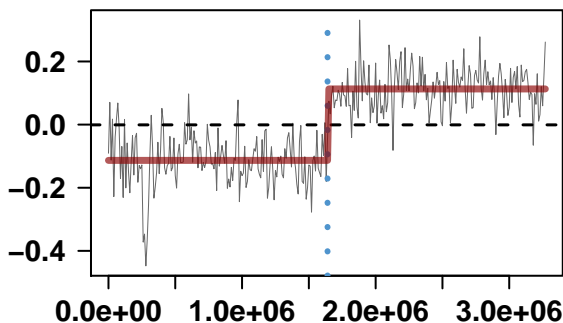
# Vibrio parahaemolyticus RIMD 2210633



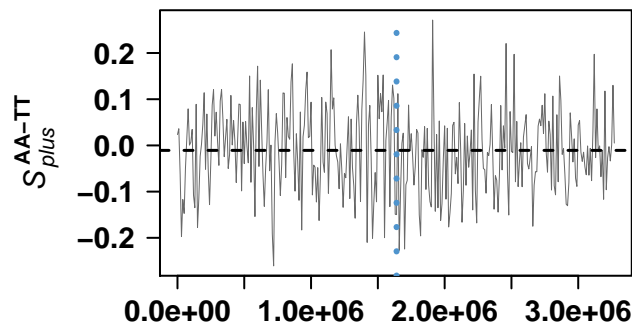
genome coordinates



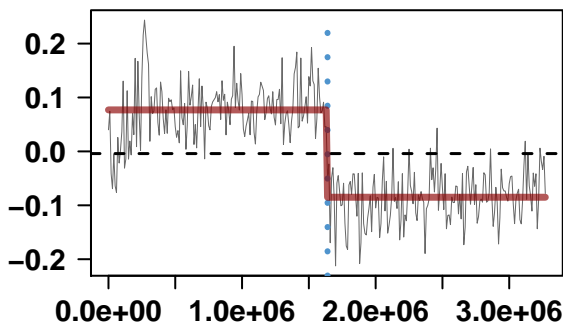
genome coordinates



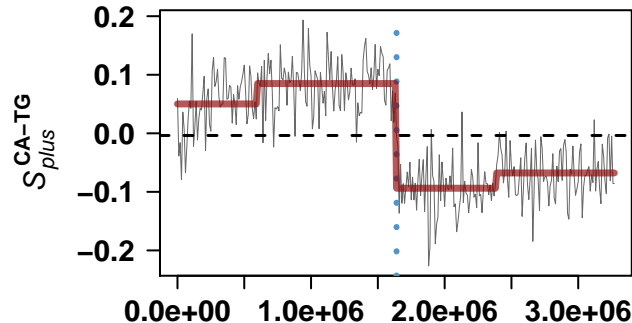
genome coordinates



genome coordinates

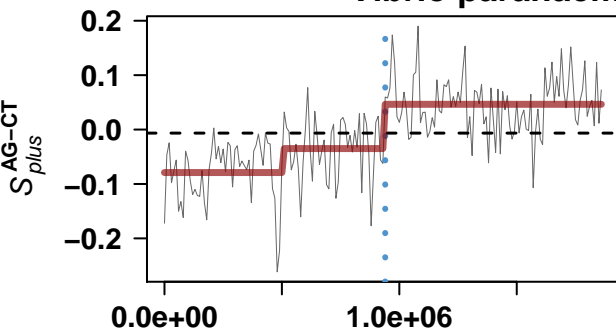


genome coordinates

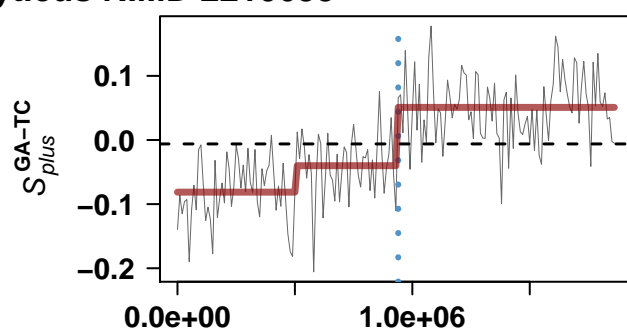


genome coordinates

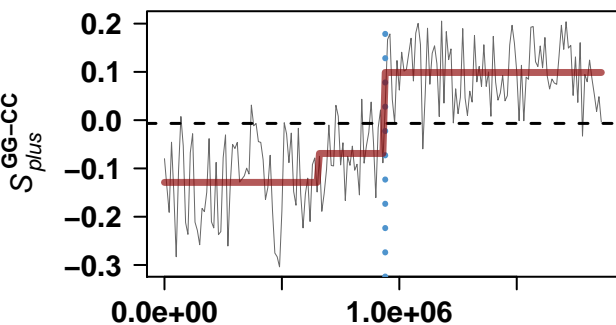
# Vibrio parahaemolyticus RIMD 2210633



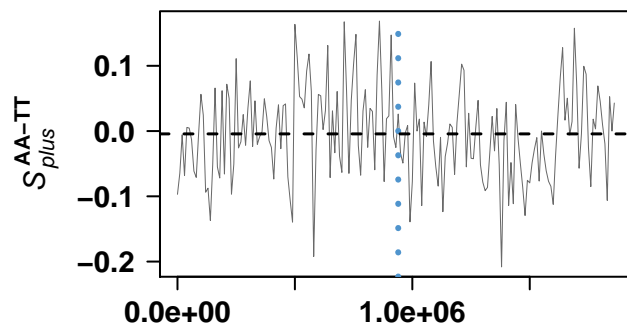
genome coordinates



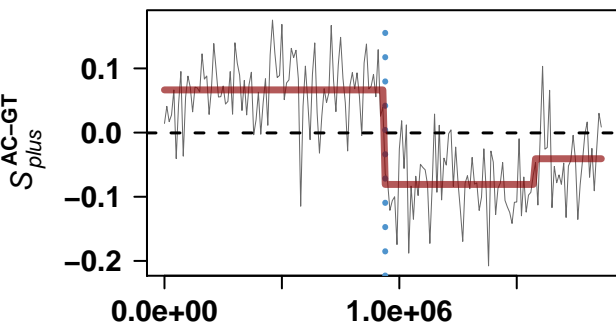
genome coordinates



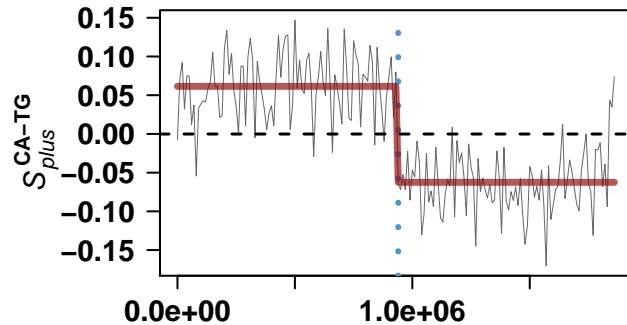
genome coordinates



genome coordinates

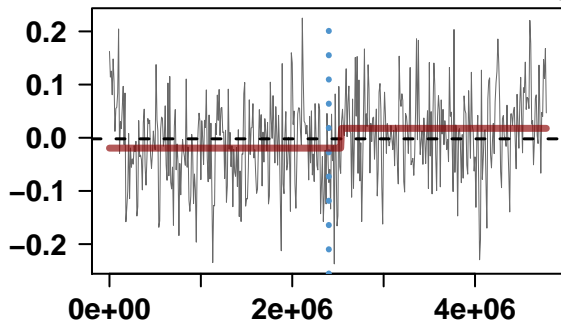


genome coordinates

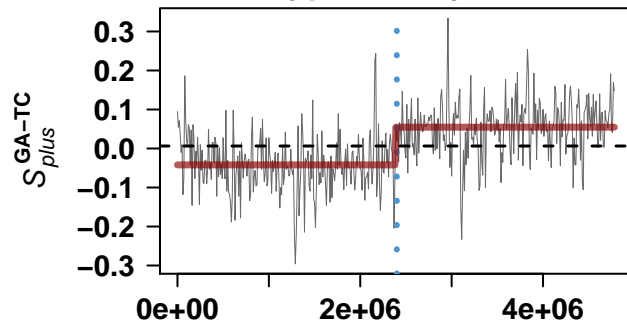


genome coordinates

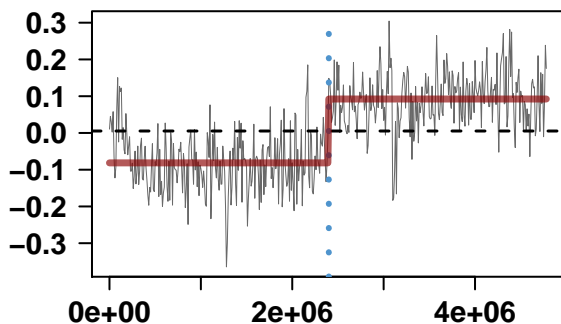
# Salmonella enterica subsp. enterica serovar Typhi str. Ty2



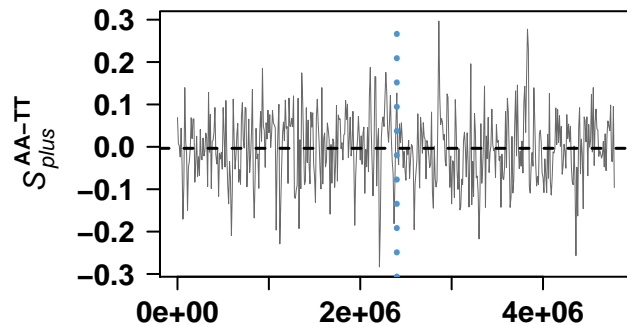
genome coordinates



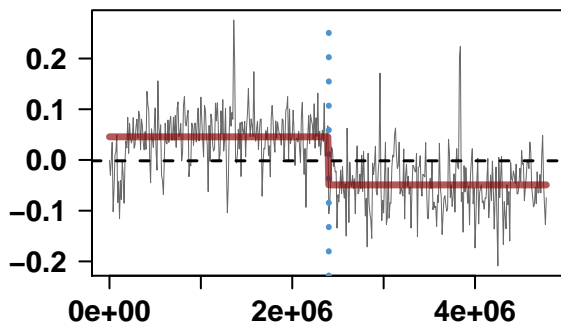
genome coordinates



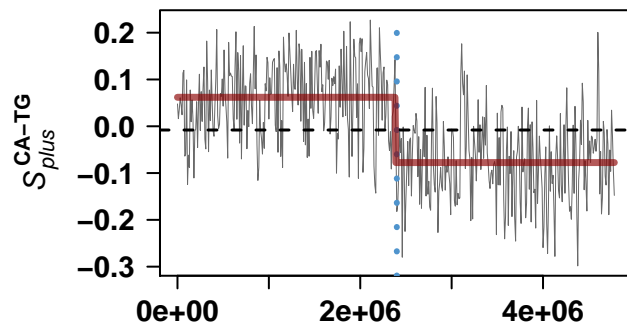
genome coordinates



genome coordinates

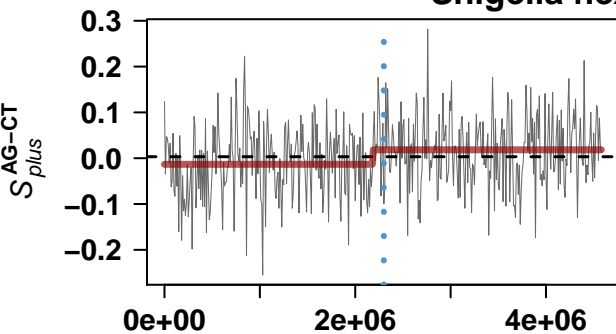


genome coordinates

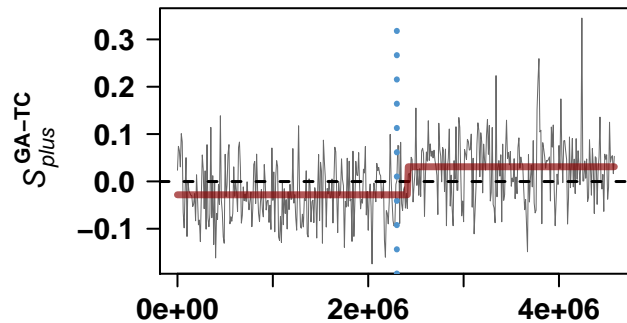


genome coordinates

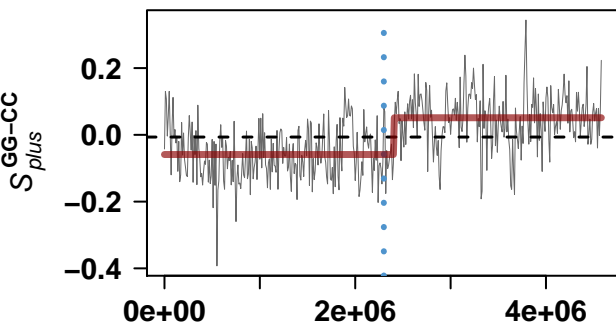
# Shigella flexneri 2a str. 2457T



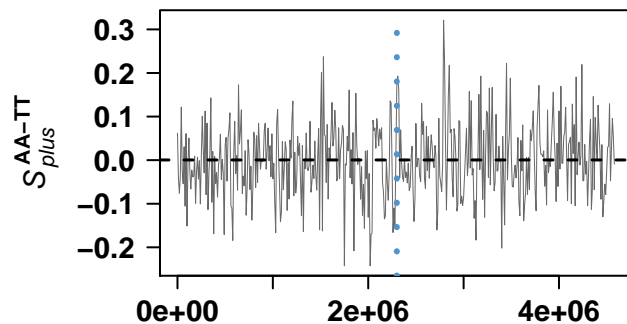
genome coordinates



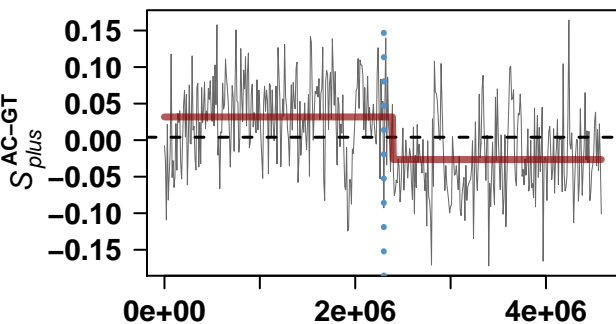
genome coordinates



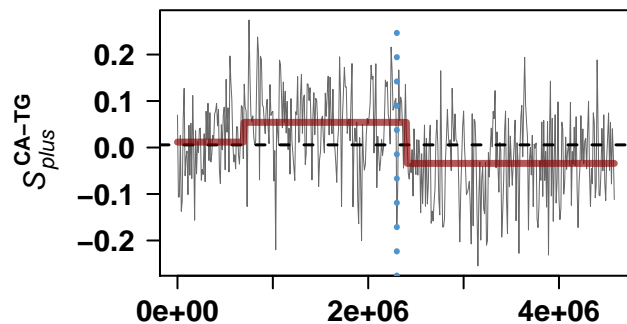
genome coordinates



genome coordinates

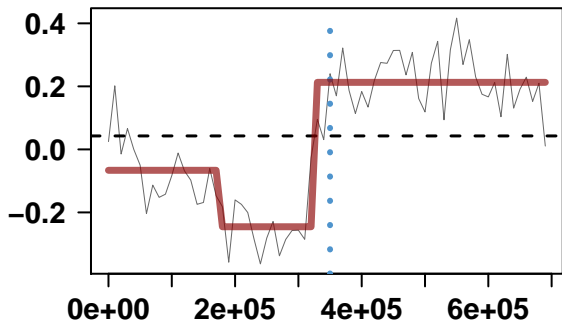


genome coordinates

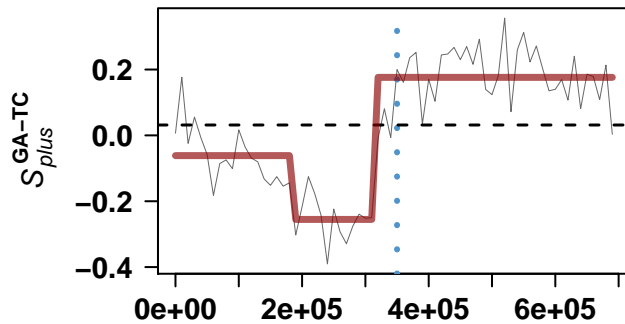


genome coordinates

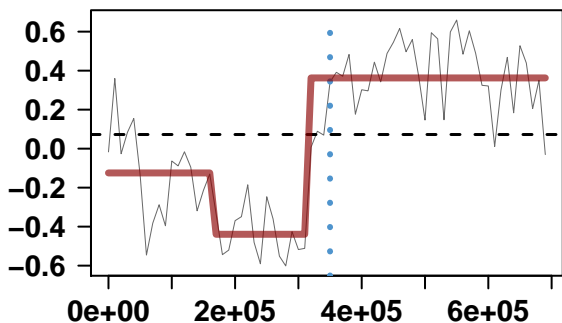
# Candidatus Blochmannia floridanus



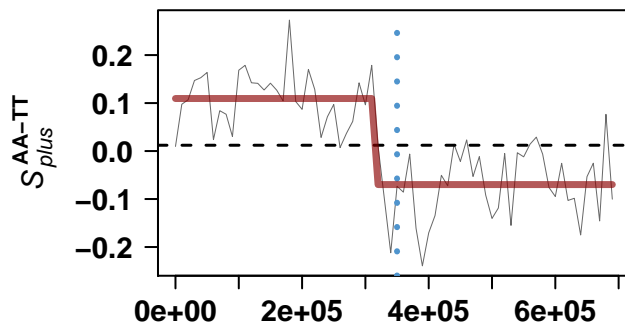
genome coordinates



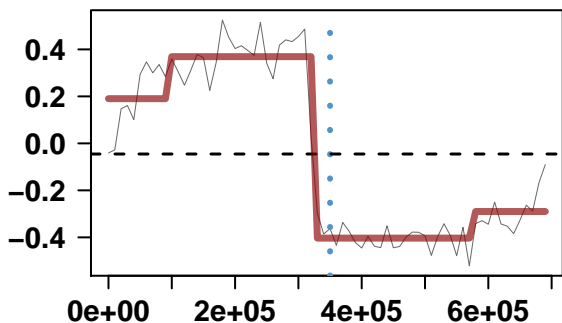
genome coordinates



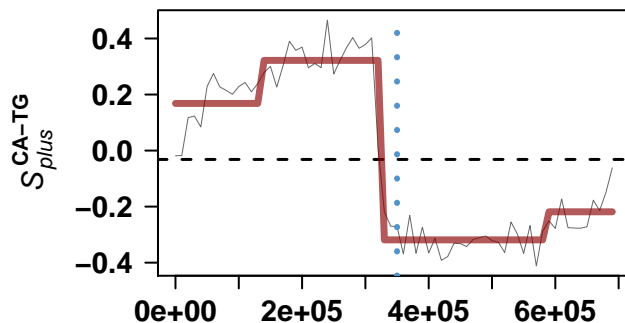
genome coordinates



genome coordinates

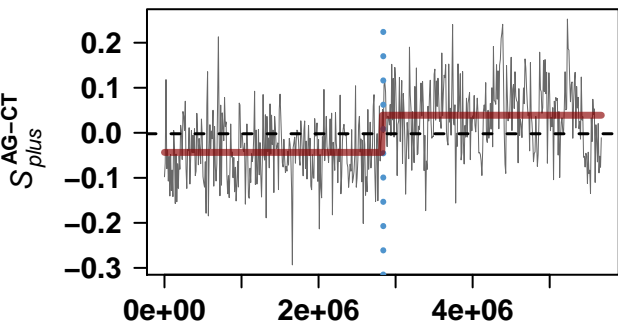


genome coordinates

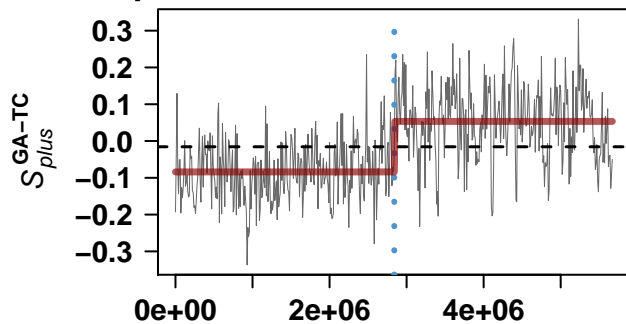


genome coordinates

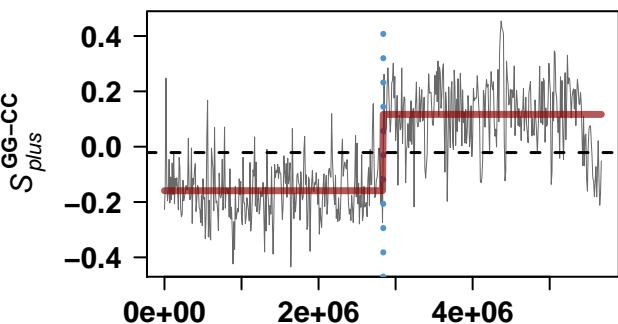
# Photorhabdus luminescens subsp. laumondii TTO1



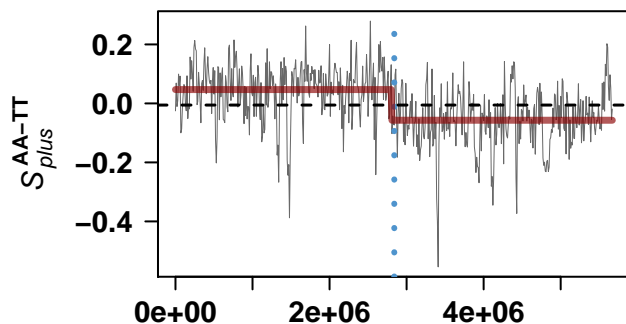
genome coordinates



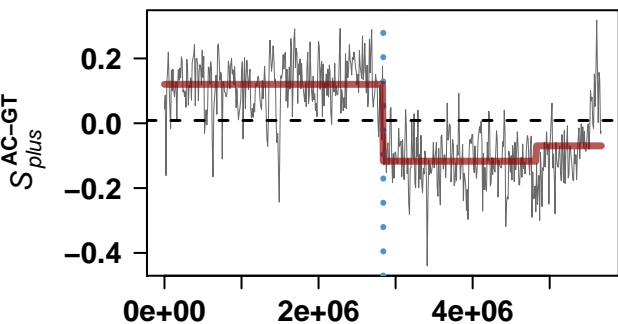
genome coordinates



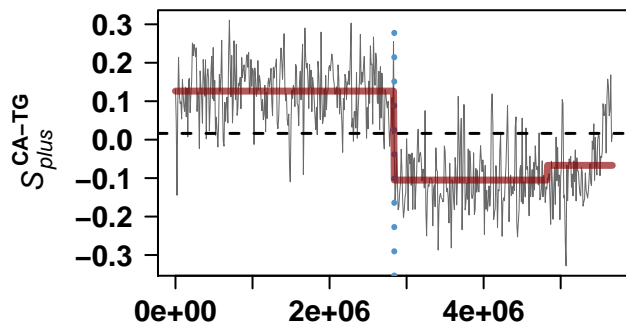
genome coordinates



genome coordinates

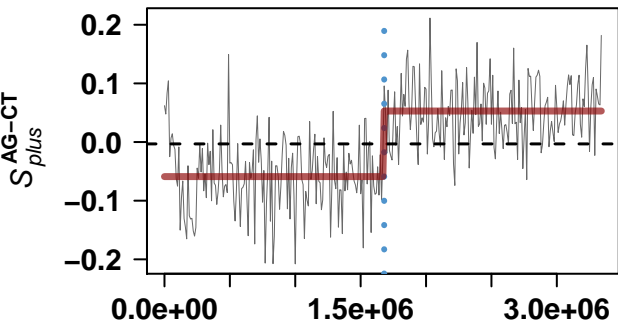


genome coordinates

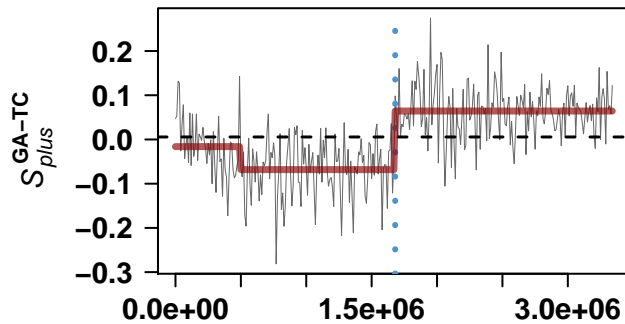


genome coordinates

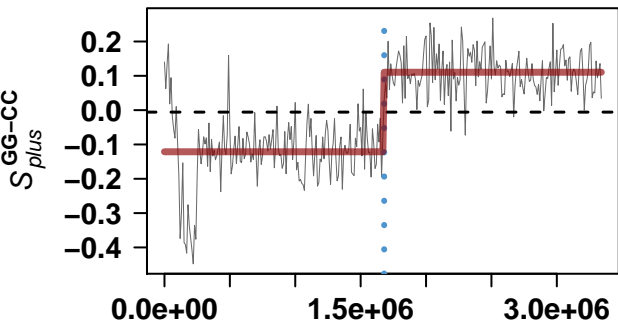
# Vibrio vulnificus YJ016



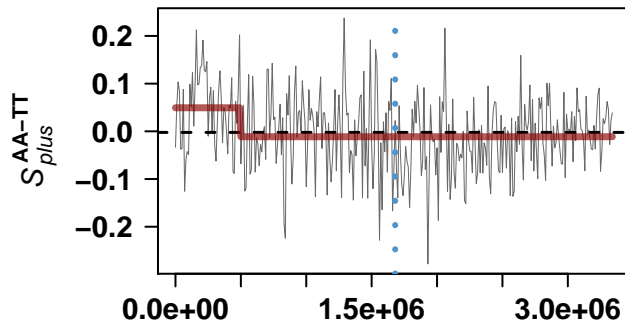
genome coordinates



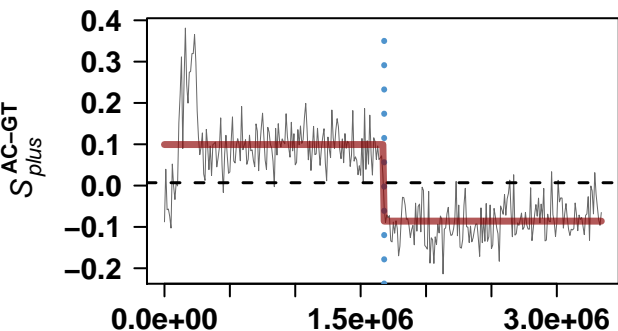
genome coordinates



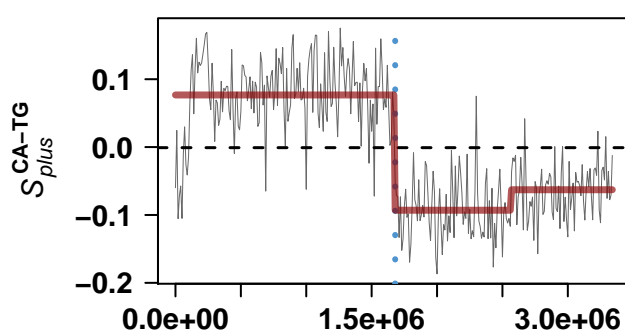
genome coordinates



genome coordinates

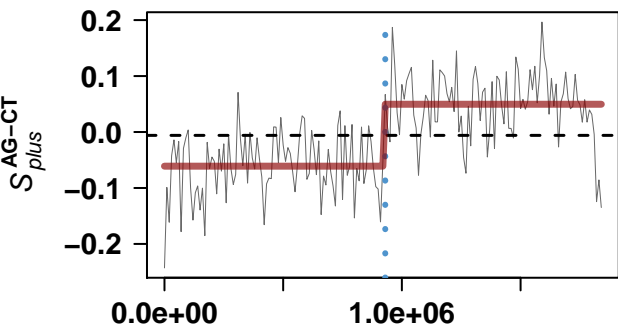


genome coordinates

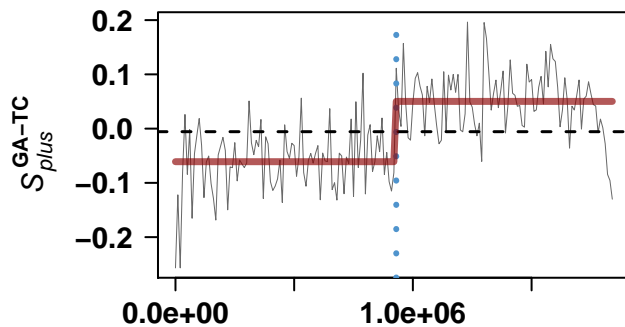


genome coordinates

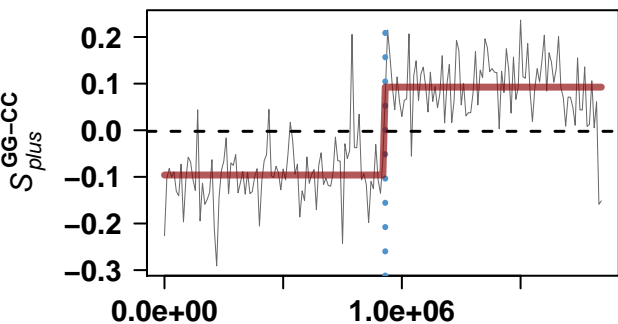
# Vibrio vulnificus YJ016



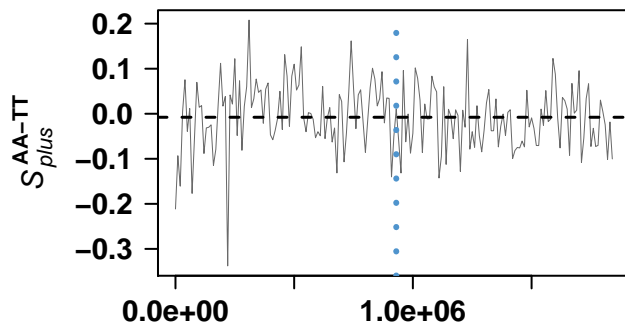
genome coordinates



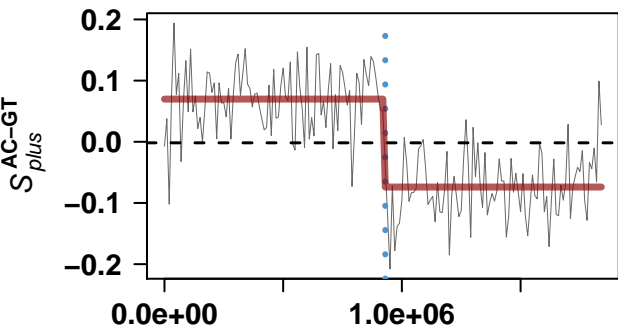
genome coordinates



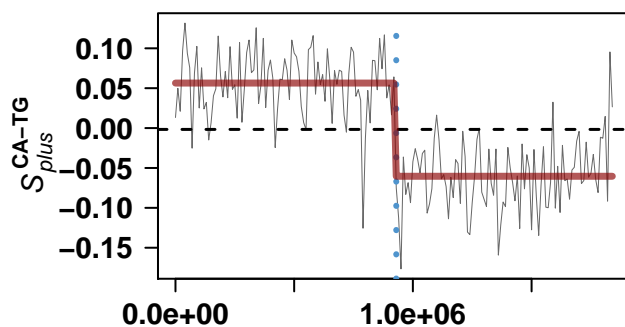
genome coordinates



genome coordinates

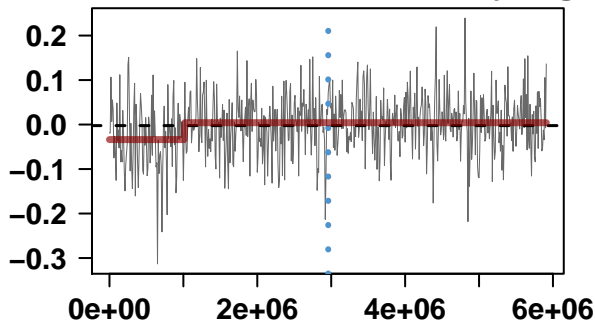


genome coordinates

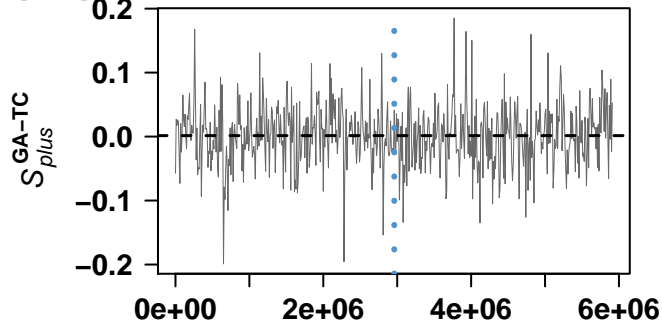


genome coordinates

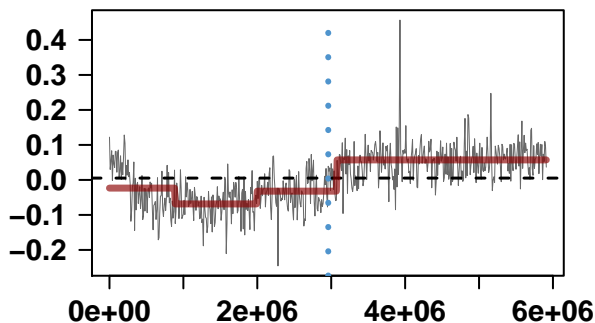
# *Pseudomonas syringae* pv. *phaseolicola* 1448A



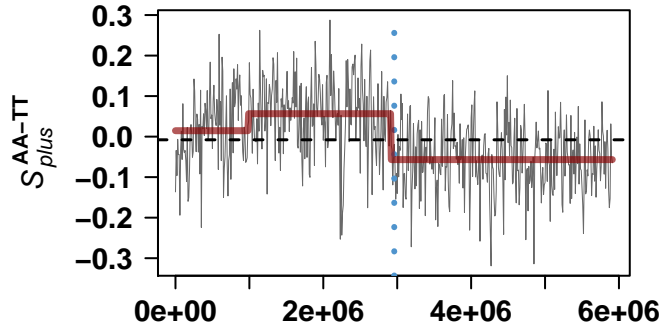
genome coordinates



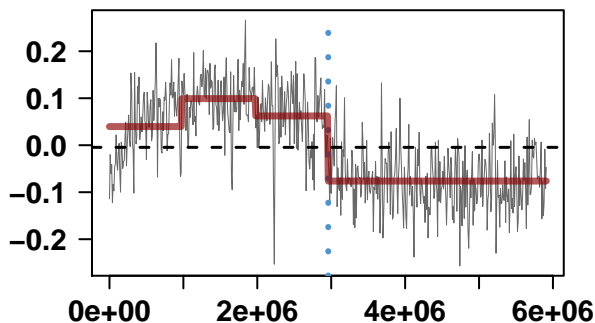
genome coordinates



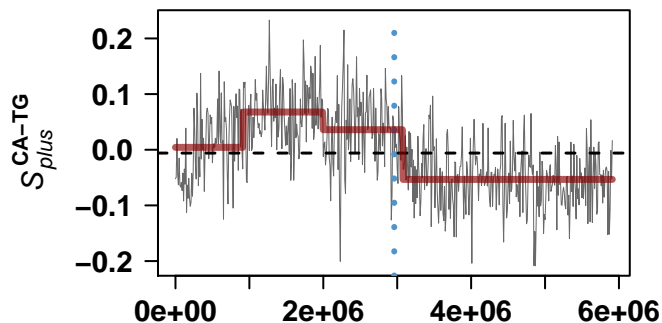
genome coordinates



genome coordinates

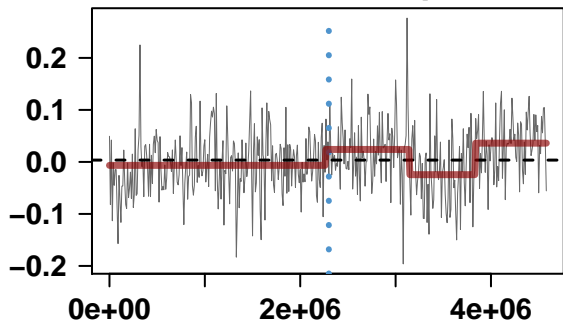


genome coordinates

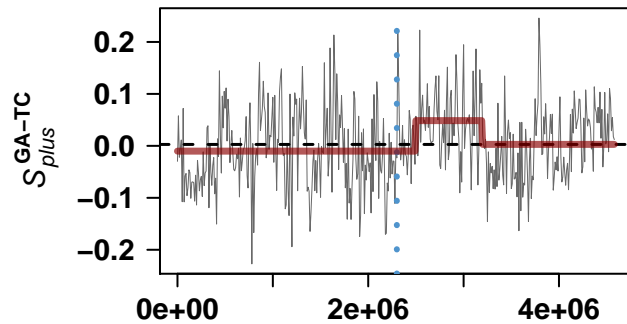


genome coordinates

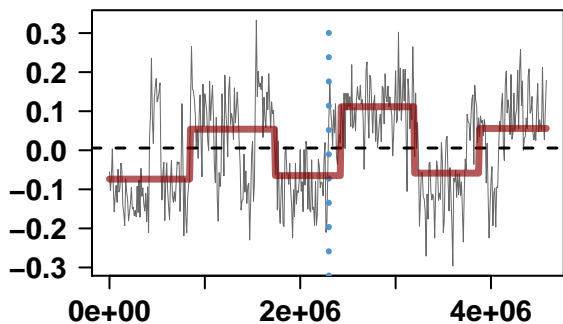
# *Yersinia pestis* biovar *Microtus* str. 91001



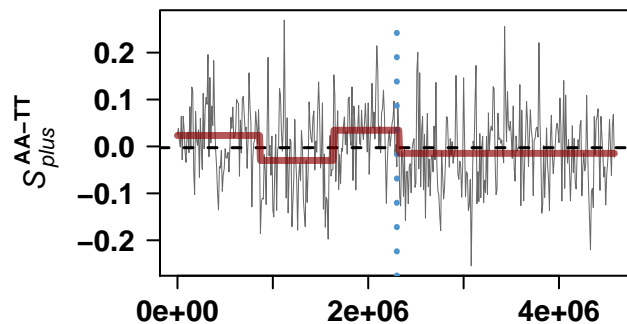
genome coordinates



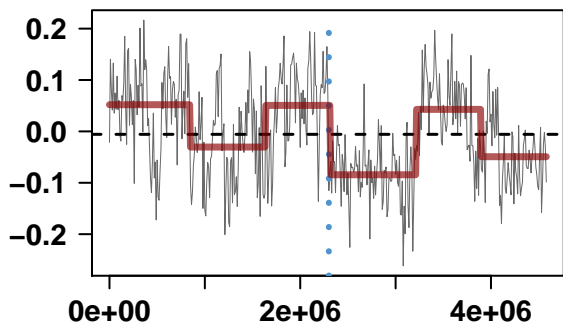
genome coordinates



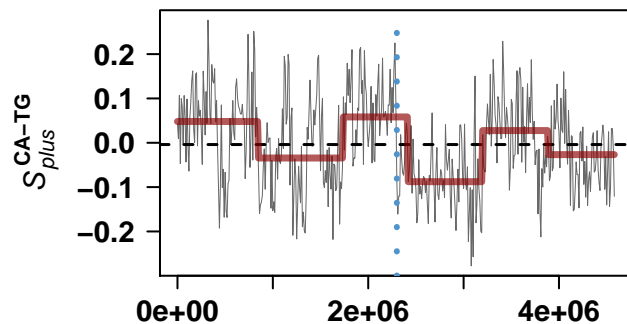
genome coordinates



genome coordinates

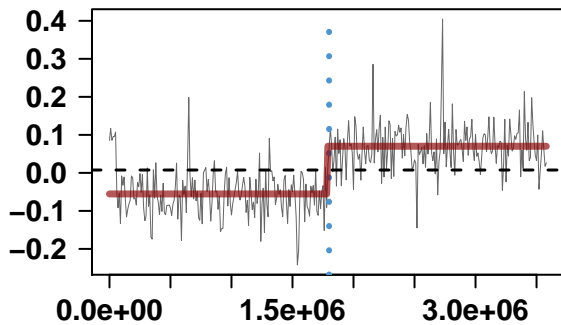


genome coordinates

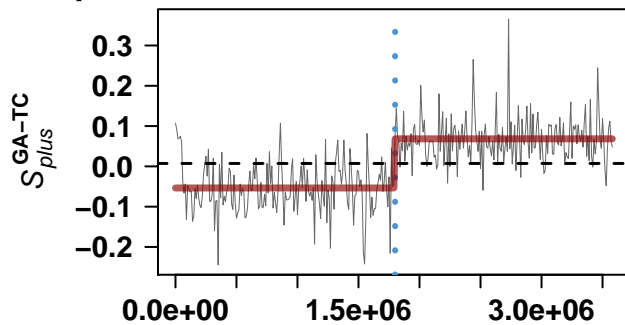


genome coordinates

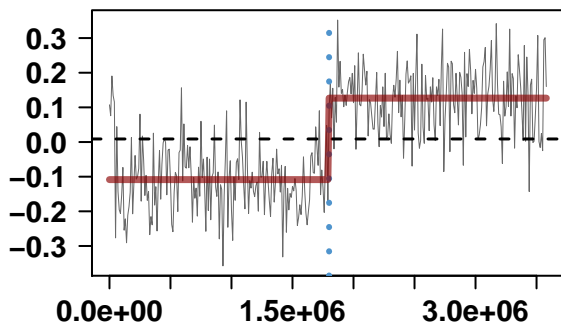
# Acinetobacter sp. ADP1



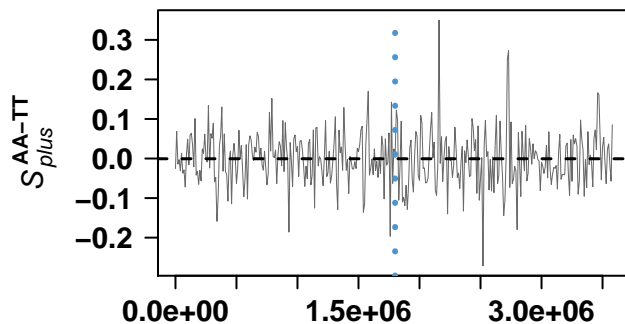
genome coordinates



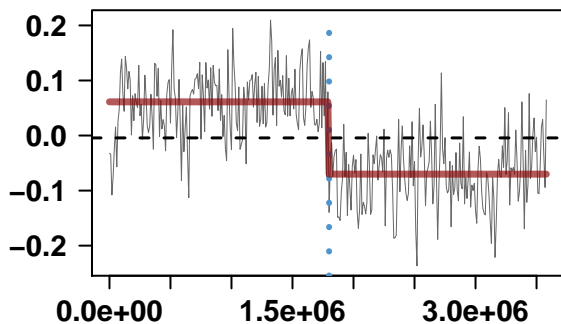
genome coordinates



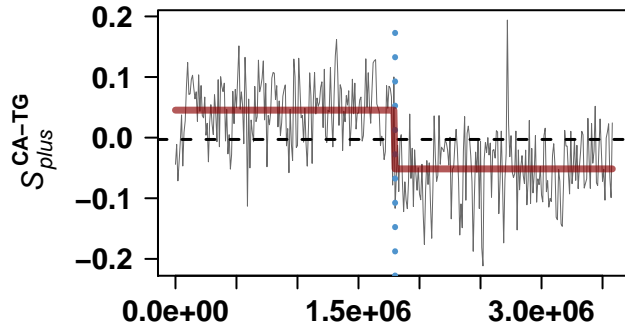
genome coordinates



genome coordinates

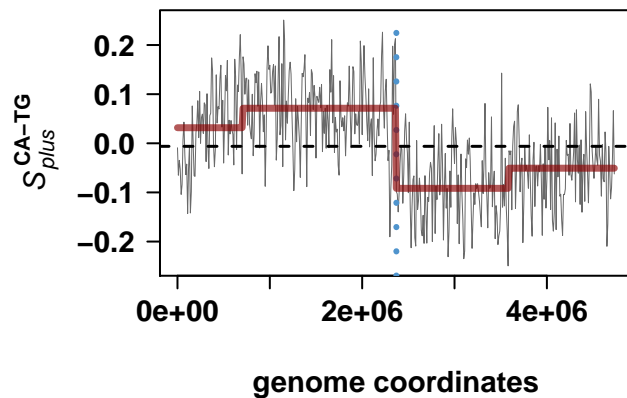
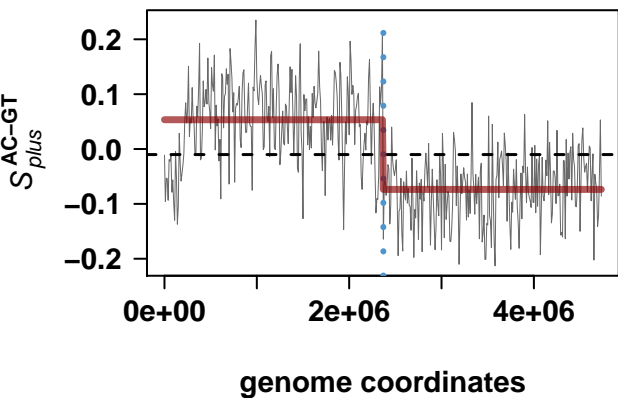
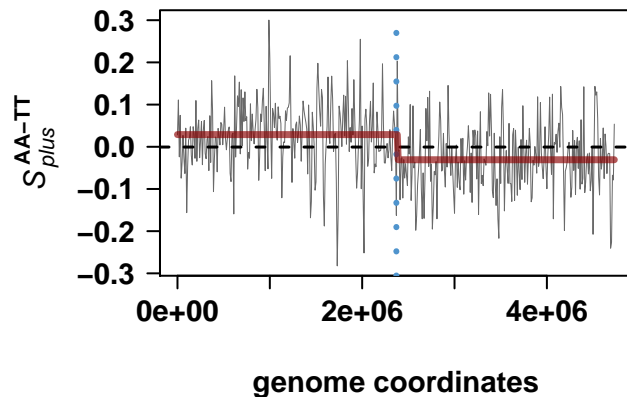
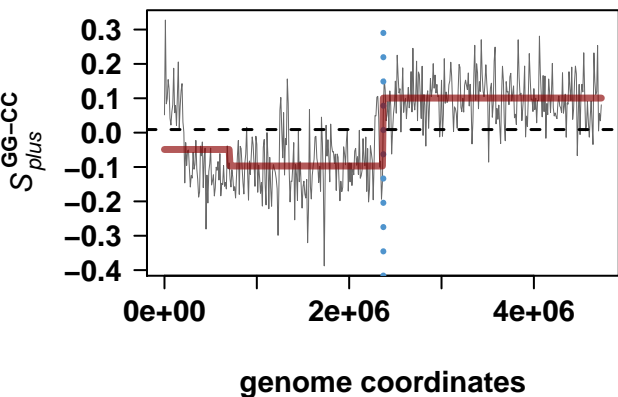
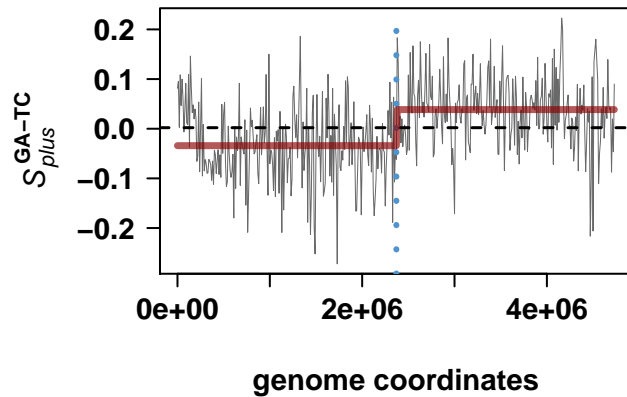
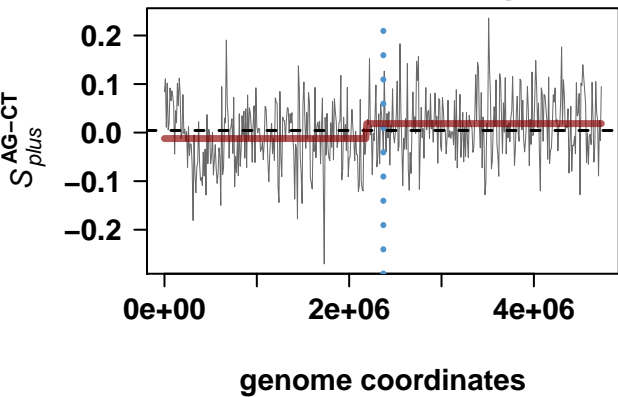


genome coordinates

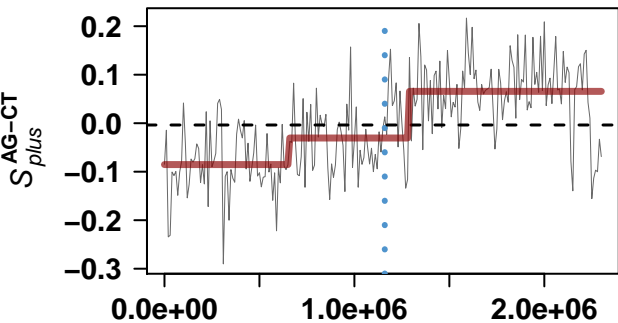


genome coordinates

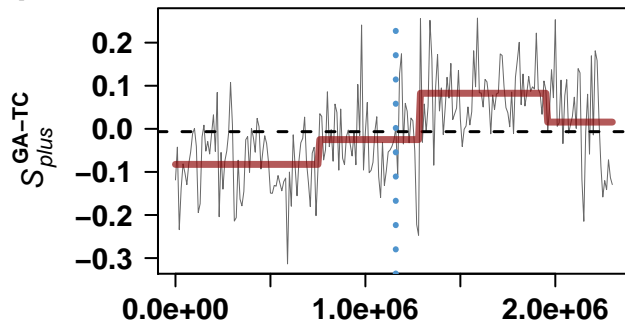
# *Yersinia pseudotuberculosis* IP 32953



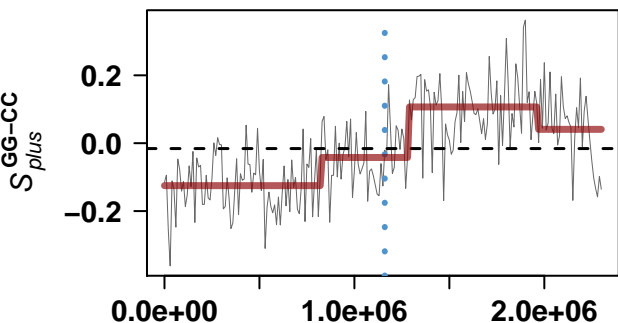
# Mannheimia succiniciproducens MBEL55E



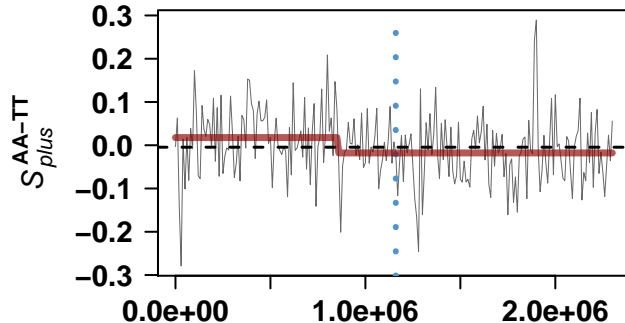
genome coordinates



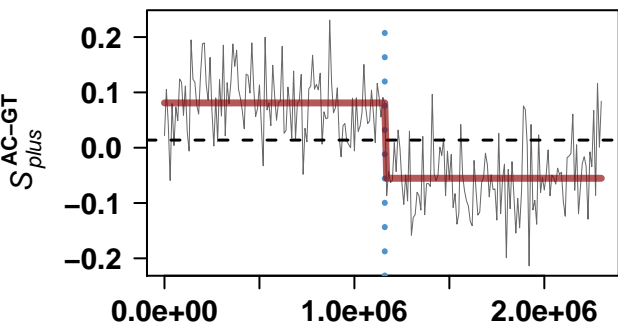
genome coordinates



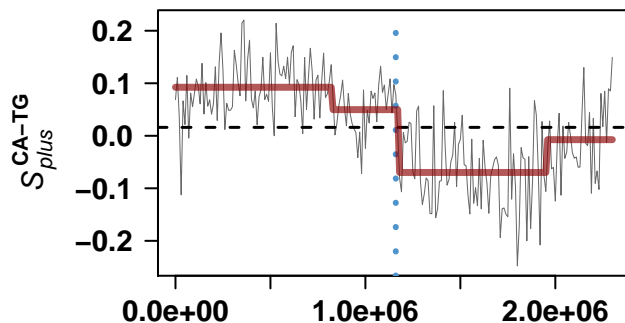
genome coordinates



genome coordinates

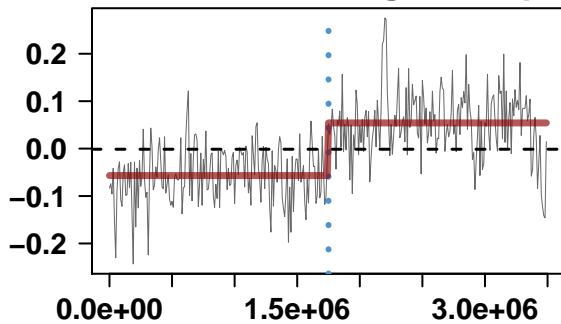


genome coordinates

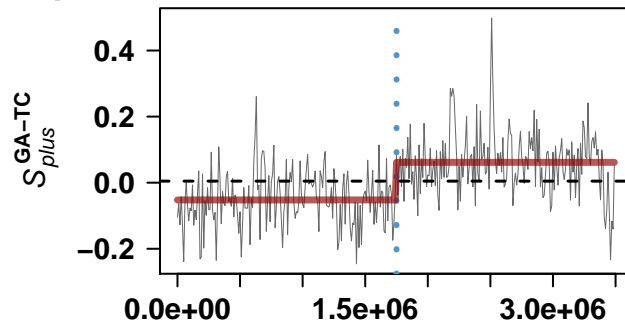


genome coordinates

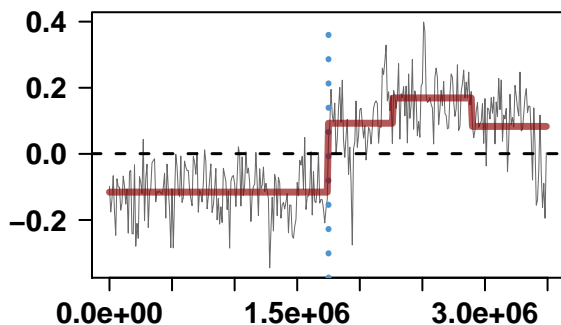
# Legionella pneumophila str. Paris



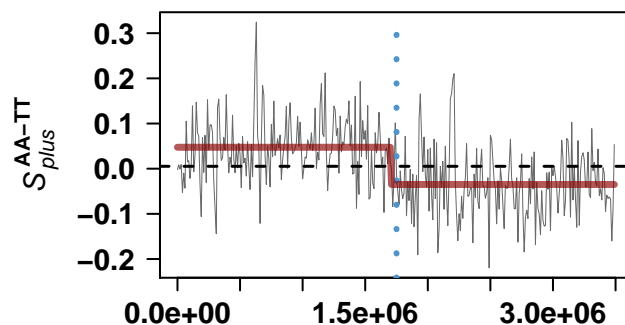
genome coordinates



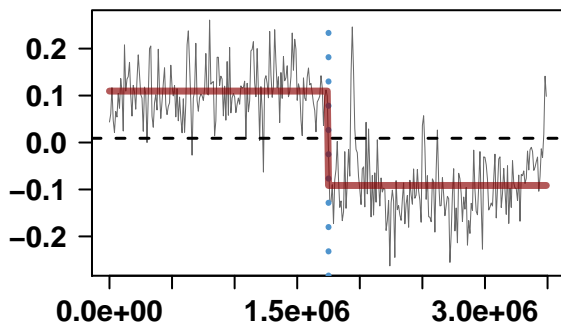
genome coordinates



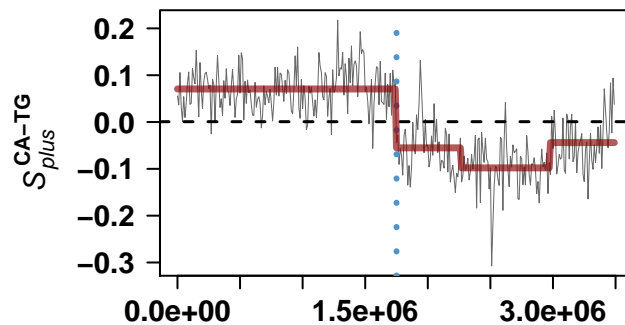
genome coordinates



genome coordinates

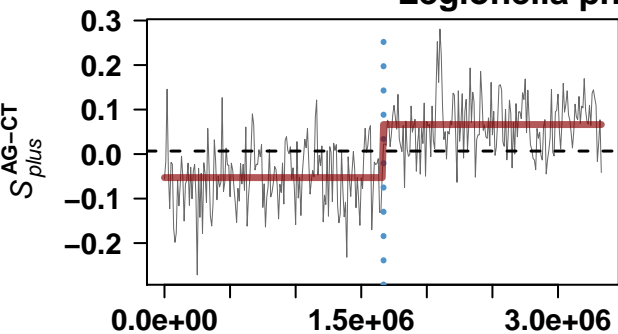


genome coordinates

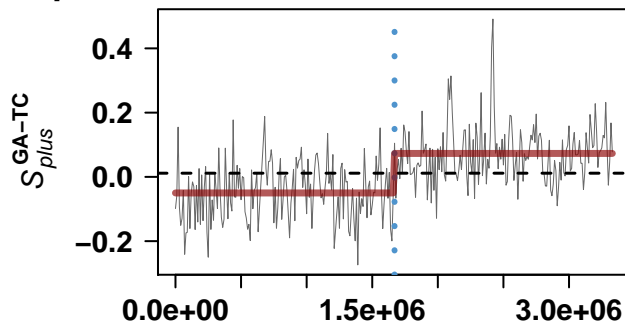


genome coordinates

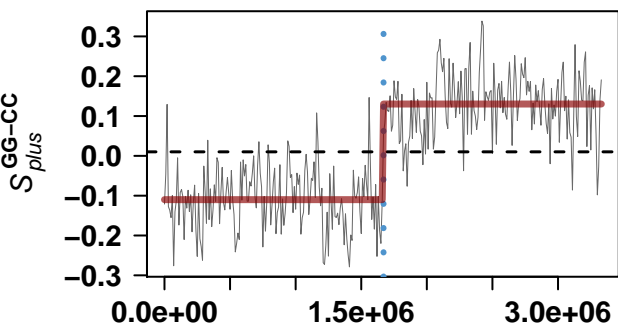
# Legionella pneumophila str. Lens



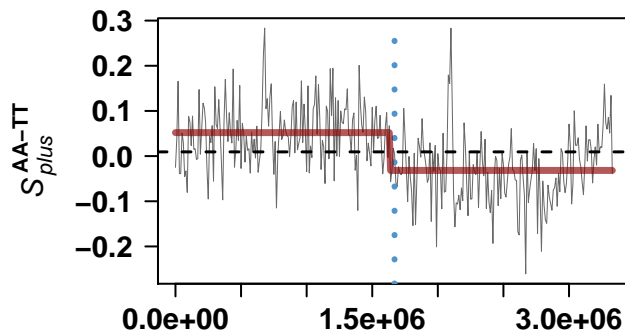
genome coordinates



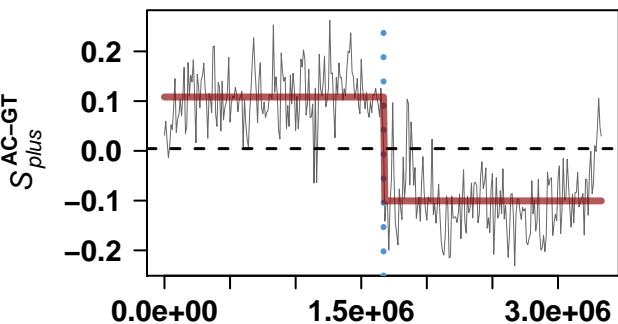
genome coordinates



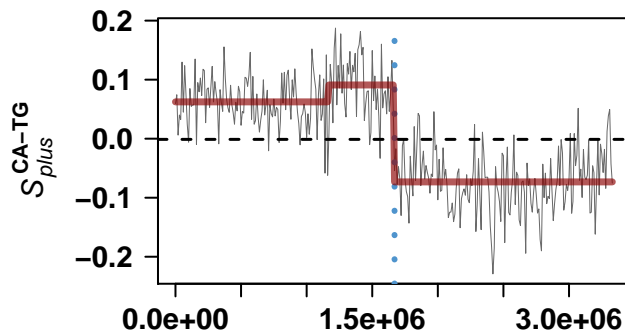
genome coordinates



genome coordinates

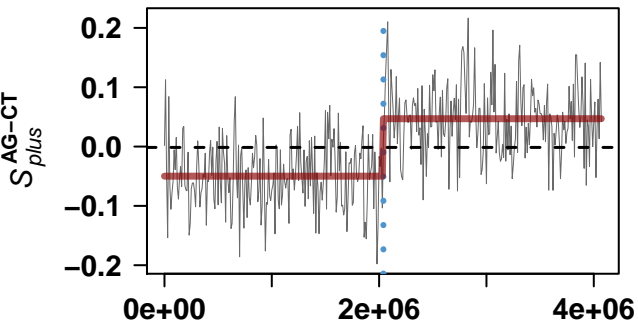


genome coordinates

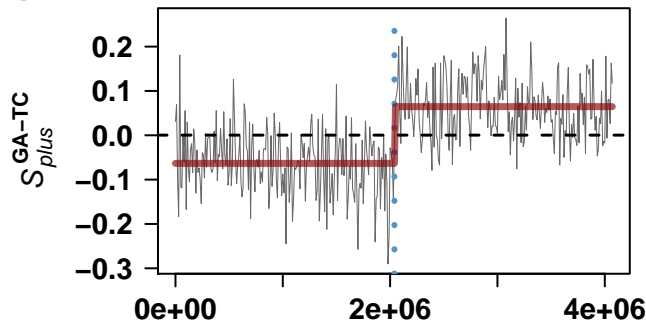


genome coordinates

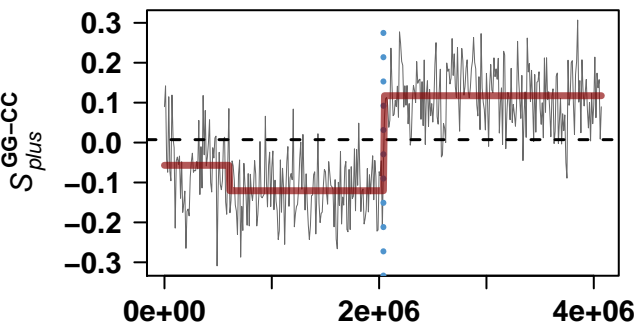
# Photobacterium profundum SS9



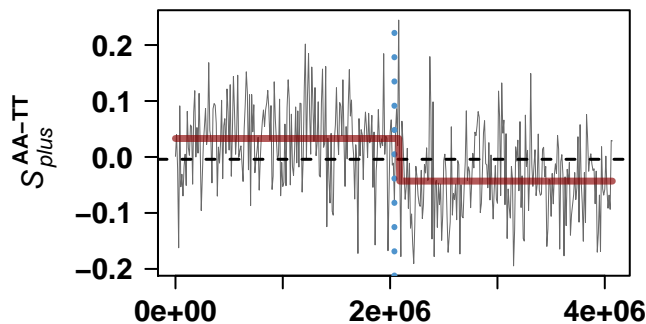
genome coordinates



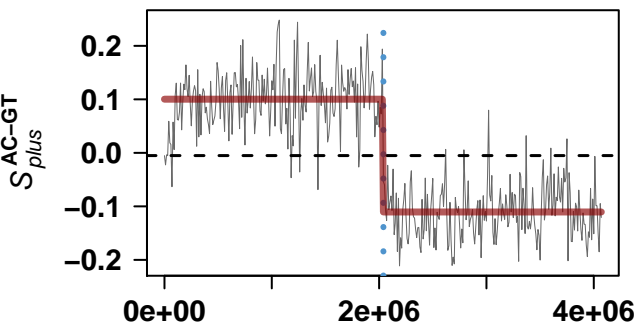
genome coordinates



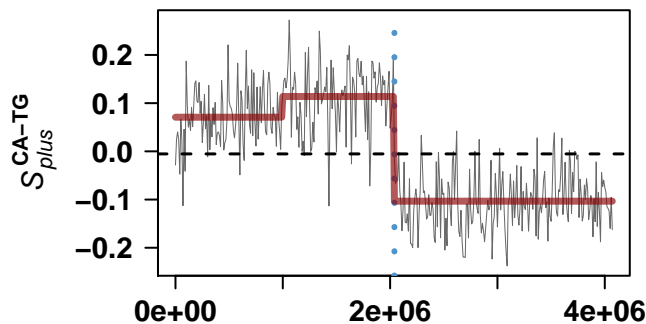
genome coordinates



genome coordinates

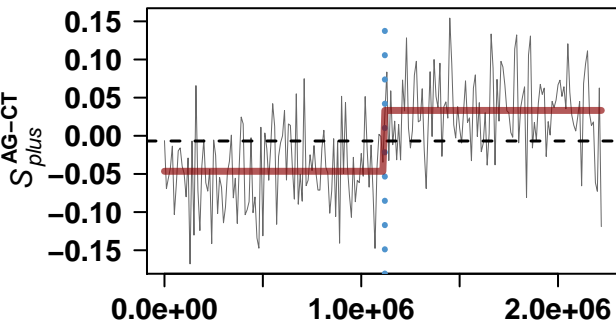


genome coordinates

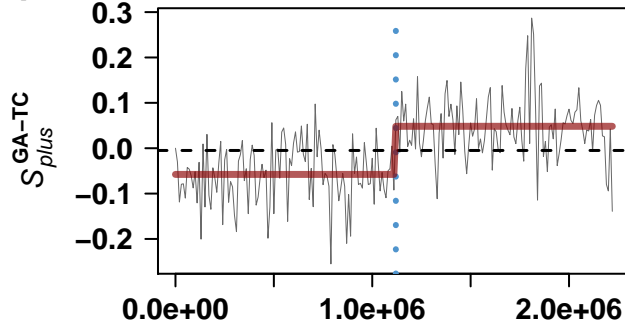


genome coordinates

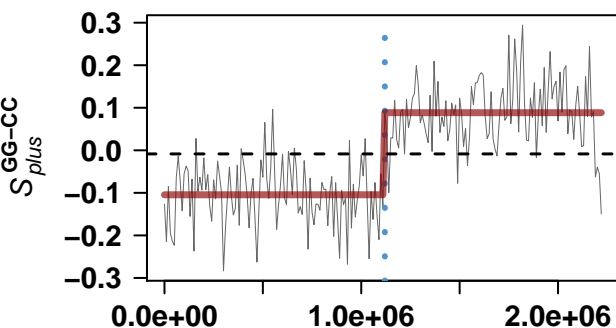
# Photobacterium profundum SS9



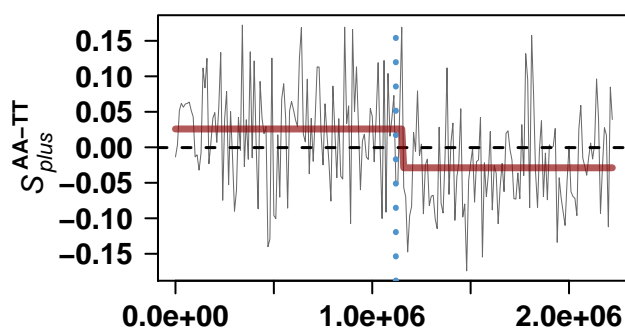
genome coordinates



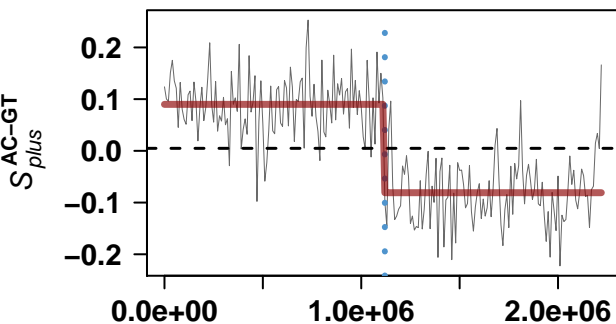
genome coordinates



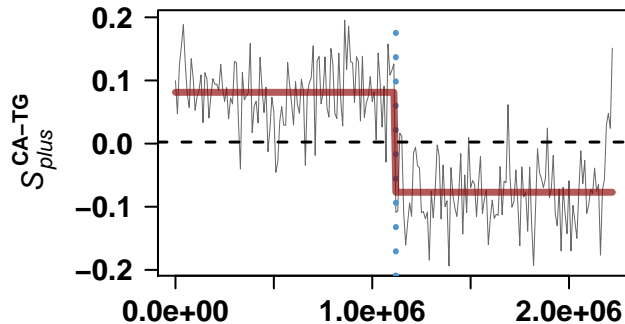
genome coordinates



genome coordinates

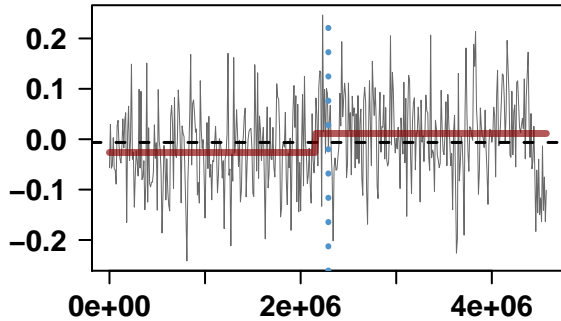


genome coordinates

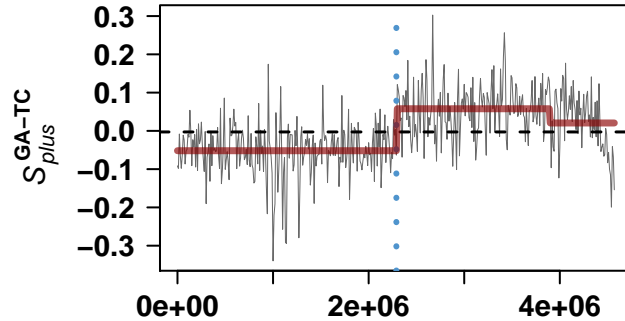


genome coordinates

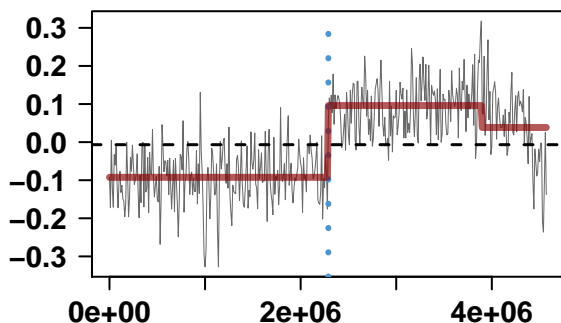
# Salmonella enterica subsp. enterica serovar Paratyphi A str. ATCC 9150



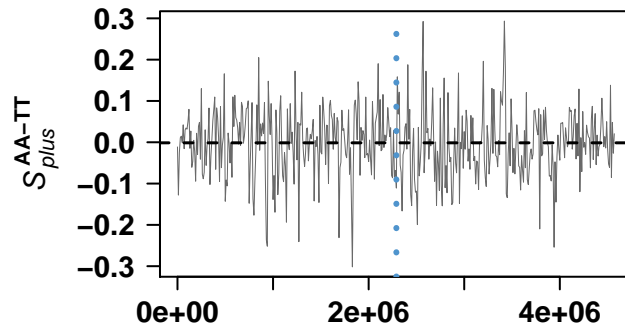
genome coordinates



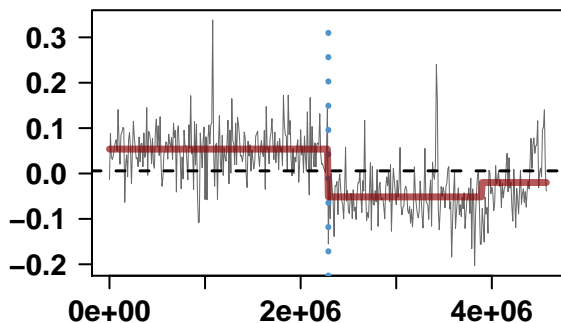
genome coordinates



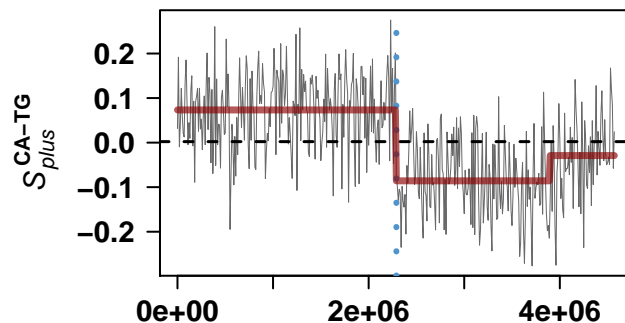
genome coordinates



genome coordinates

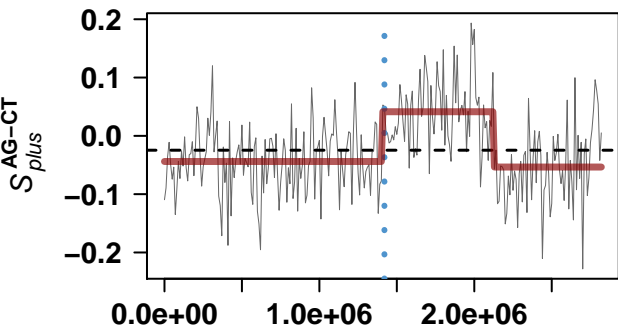


genome coordinates

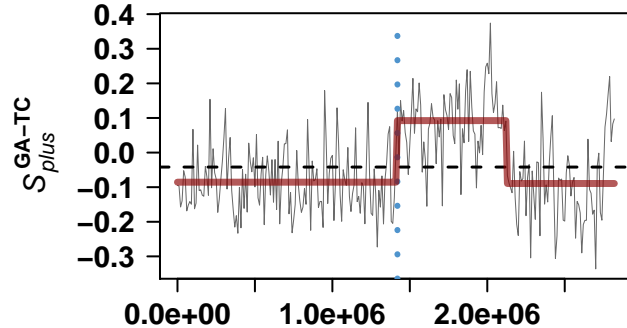


genome coordinates

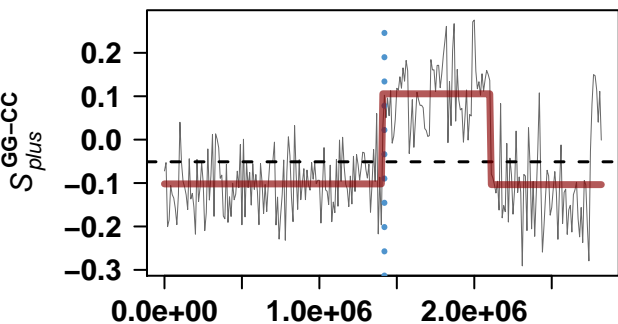
# Idiomarina loihiensis L2TR



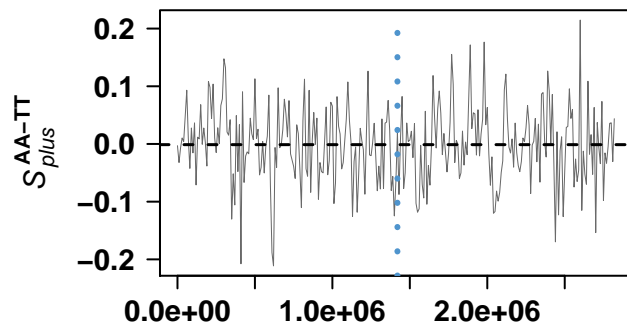
genome coordinates



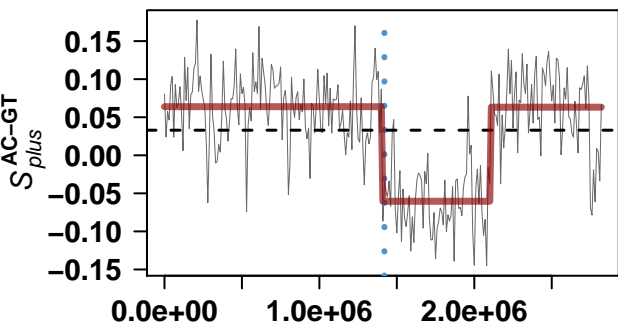
genome coordinates



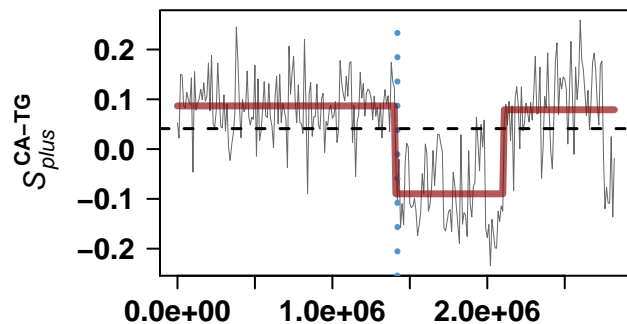
genome coordinates



genome coordinates

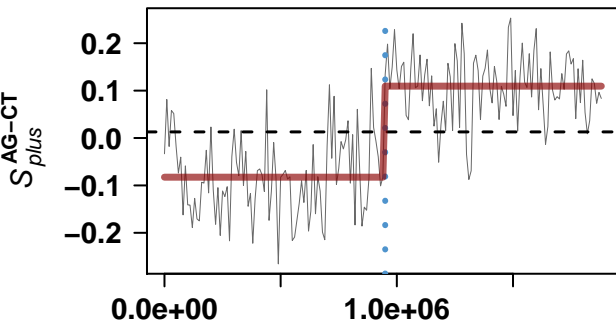


genome coordinates

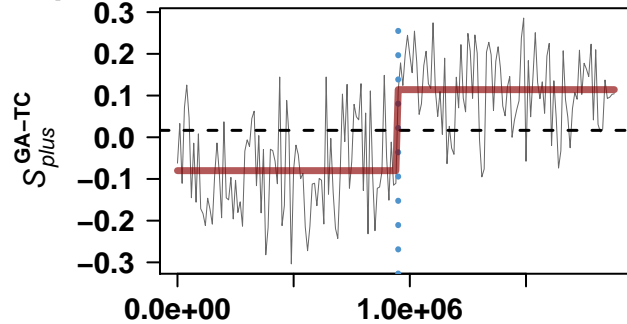


genome coordinates

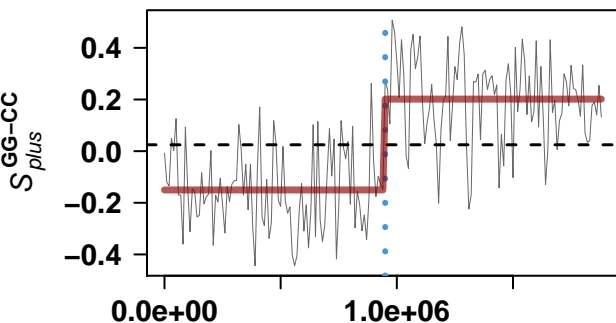
# Francisella tularensis subsp. tularensis SCHU S4



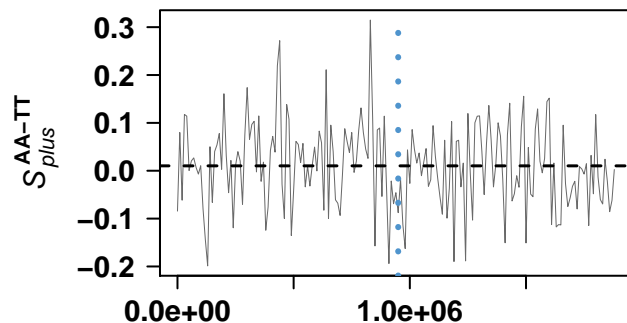
genome coordinates



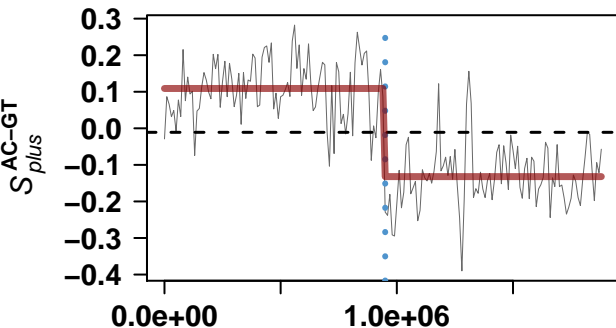
genome coordinates



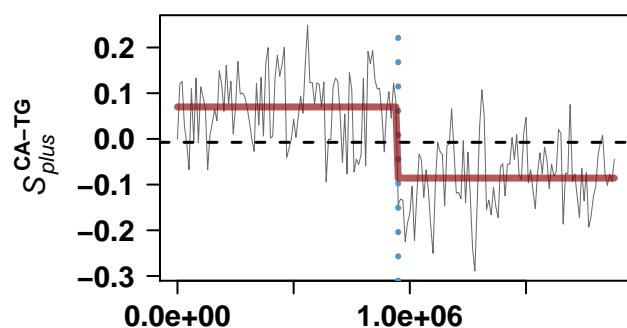
genome coordinates



genome coordinates

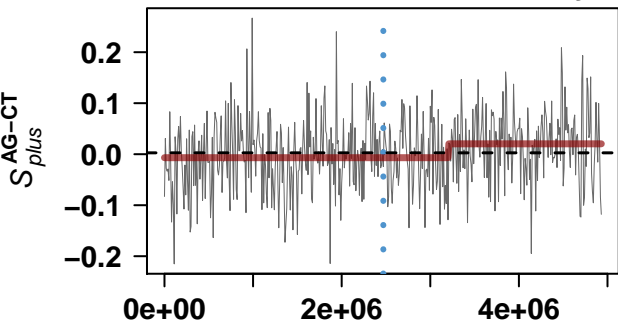


genome coordinates

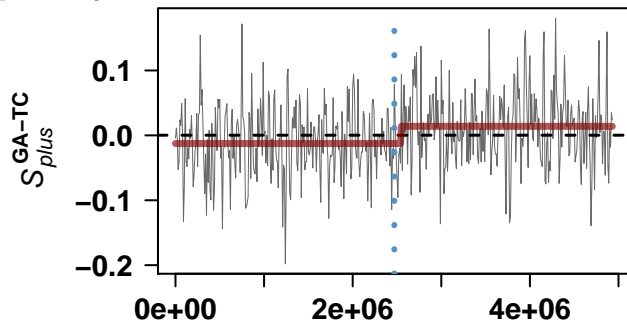


genome coordinates

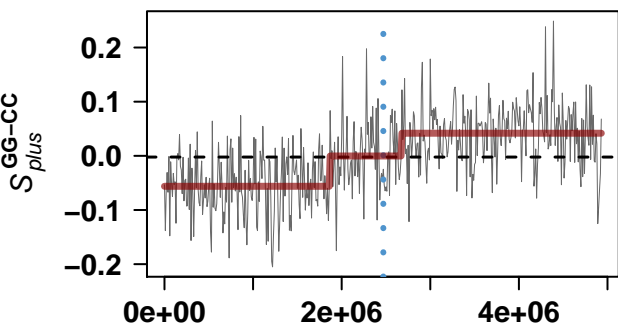
# Xanthomonas oryzae pv. oryzae KACC 10331



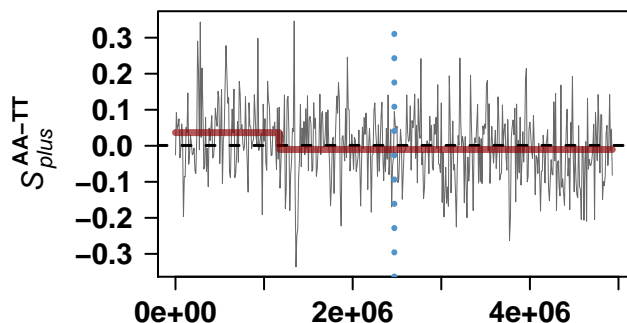
genome coordinates



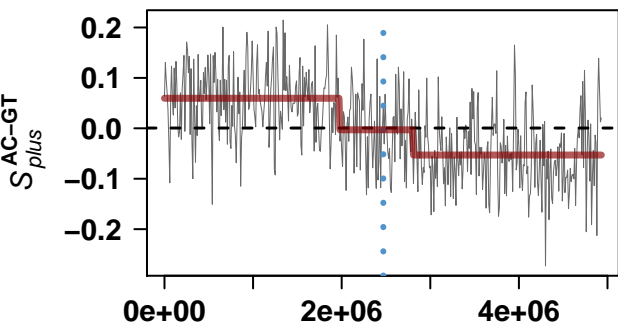
genome coordinates



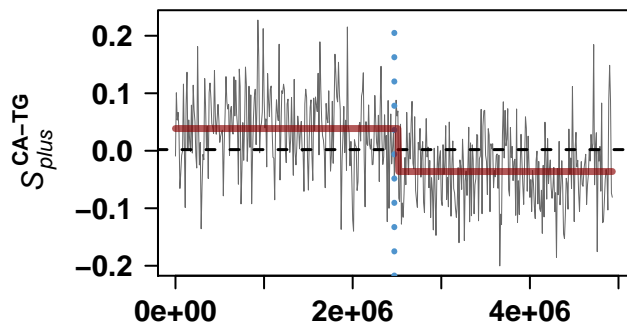
genome coordinates



genome coordinates

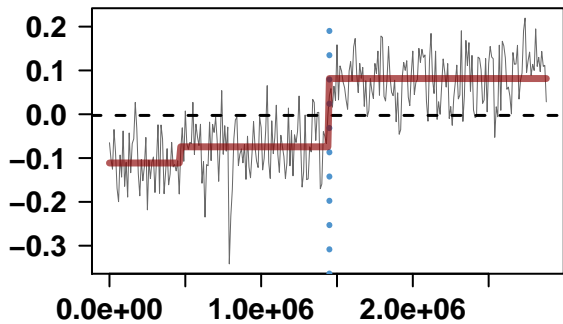


genome coordinates

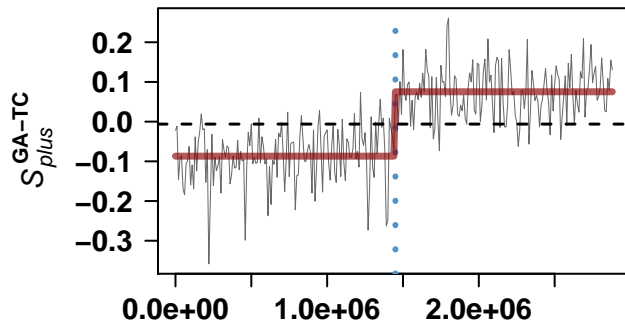


genome coordinates

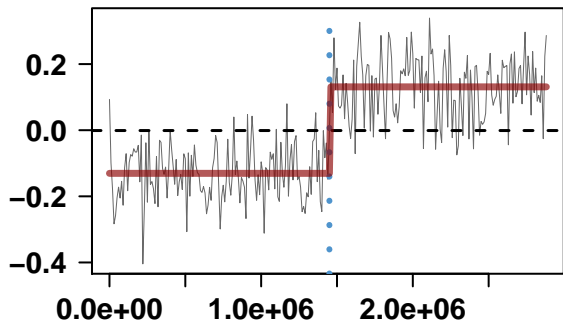
# Vibrio fischeri ES114



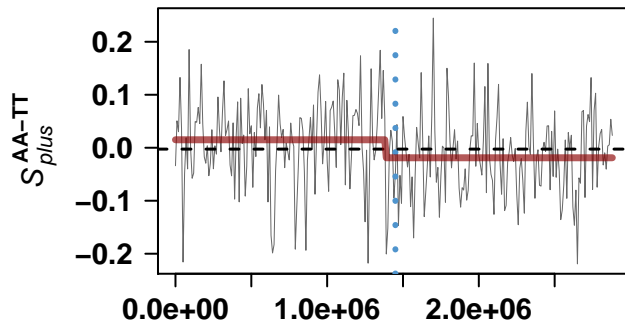
genome coordinates



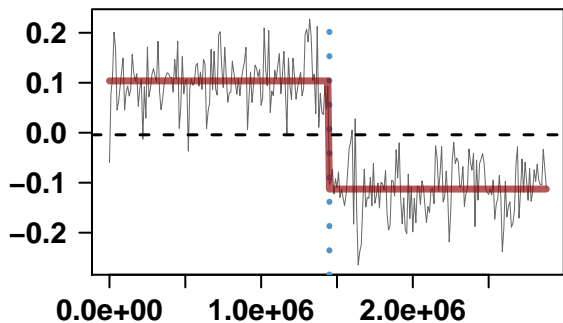
genome coordinates



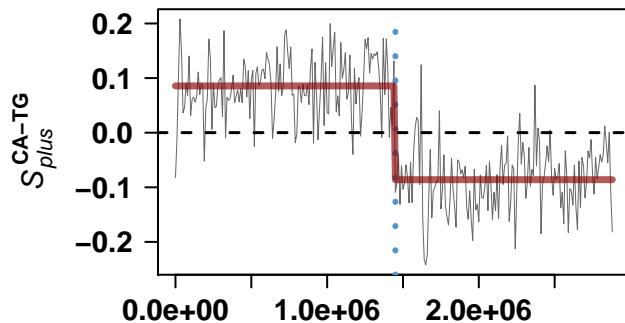
genome coordinates



genome coordinates

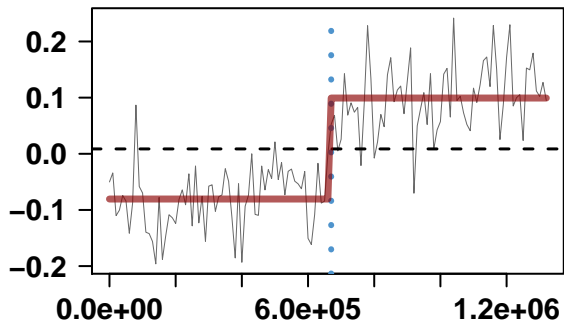


genome coordinates

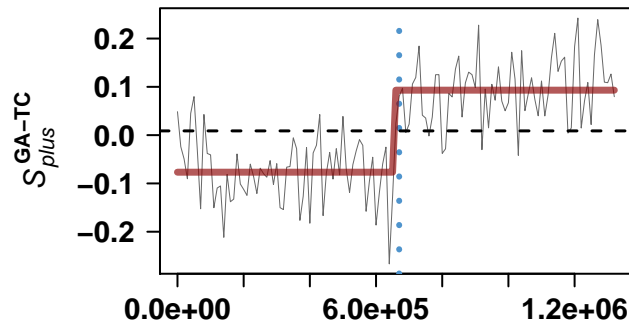


genome coordinates

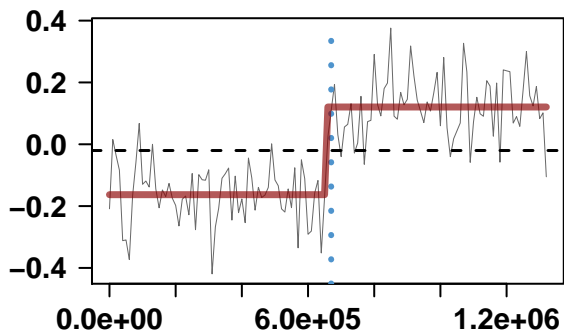
# Vibrio fischeri ES114



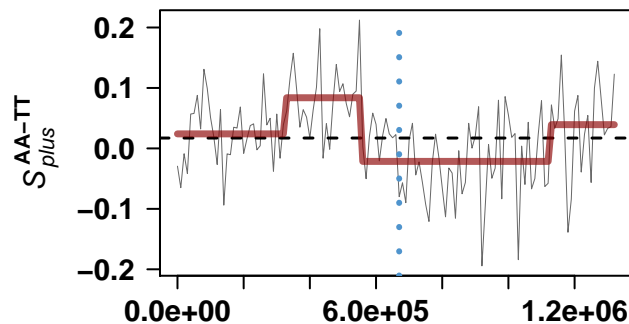
genome coordinates



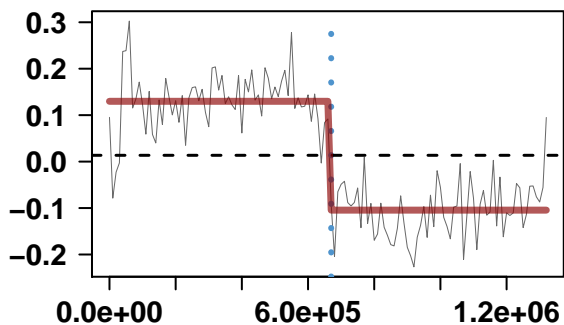
genome coordinates



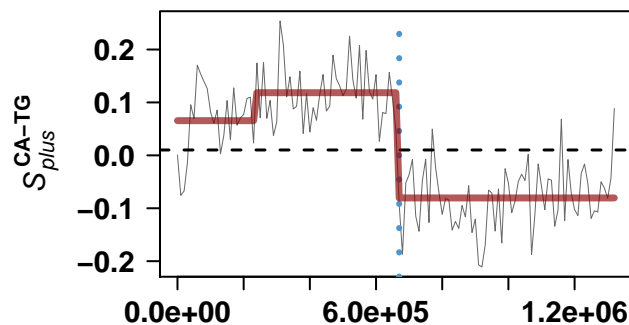
genome coordinates



genome coordinates

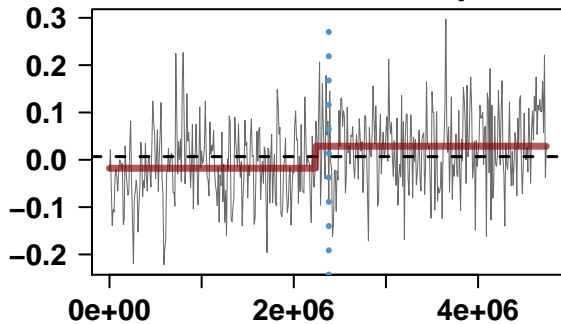


genome coordinates

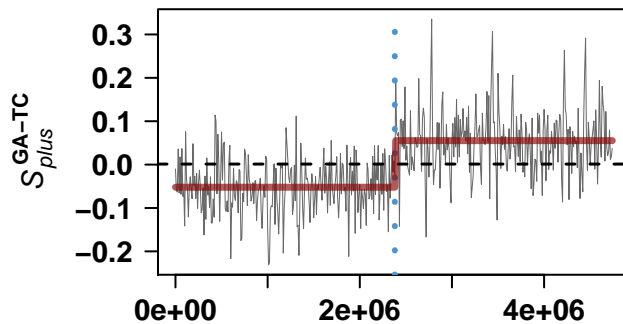


genome coordinates

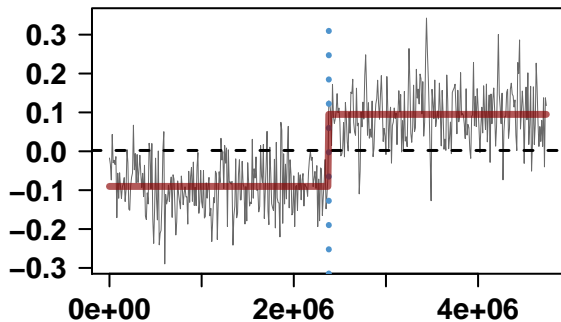
# Salmonella enterica subsp. enterica serovar Choleraesuis str. SC-B67



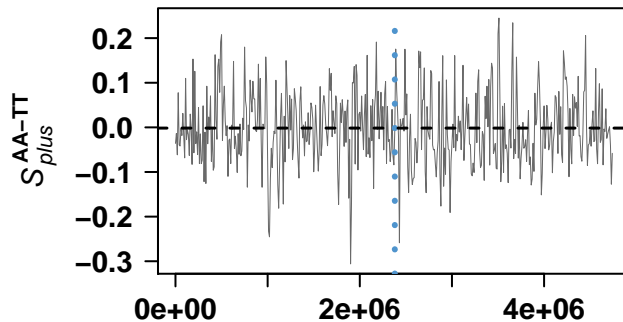
genome coordinates



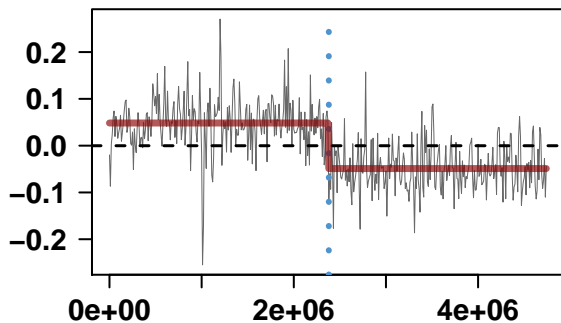
genome coordinates



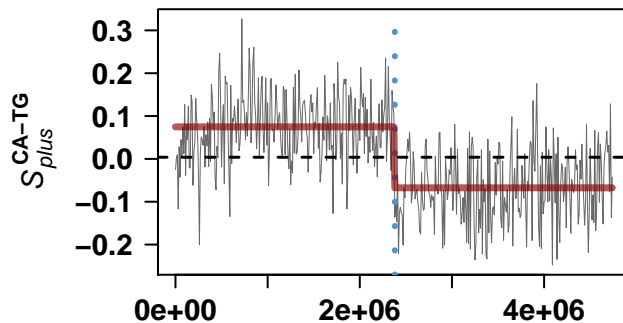
genome coordinates



genome coordinates

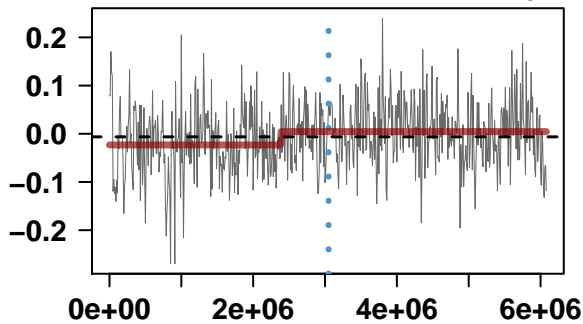


genome coordinates

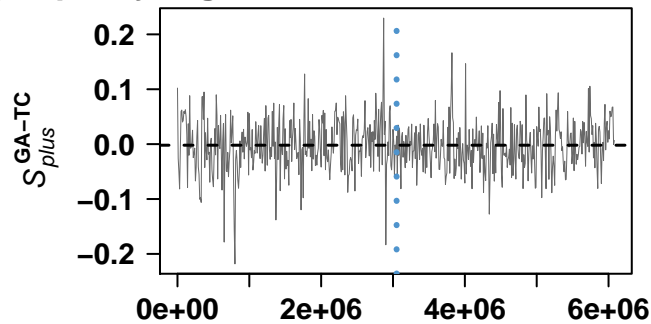


genome coordinates

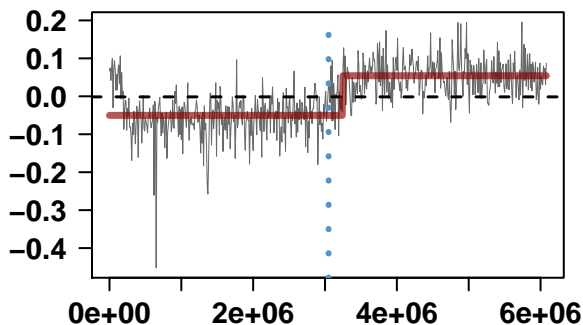
# *Pseudomonas syringae* pv. *syringae* B728a



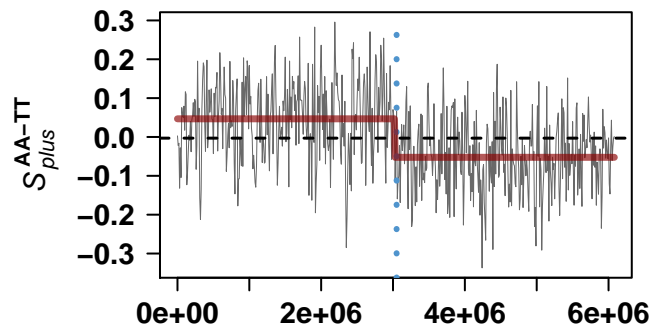
genome coordinates



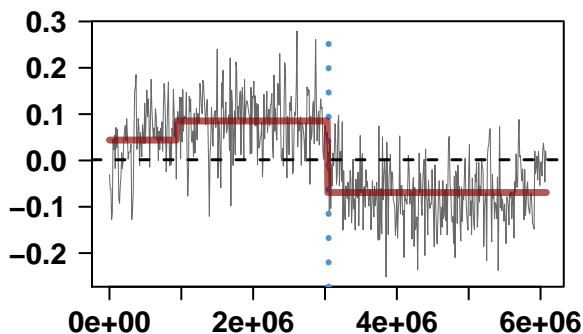
genome coordinates



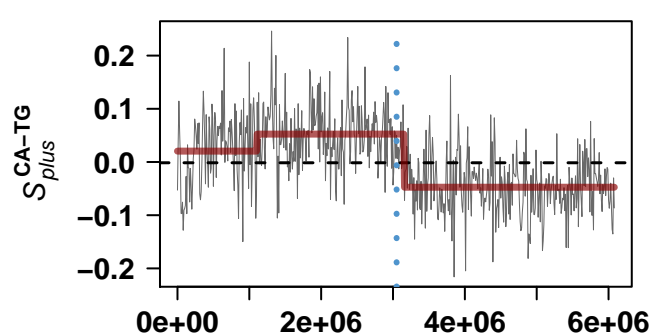
genome coordinates



genome coordinates

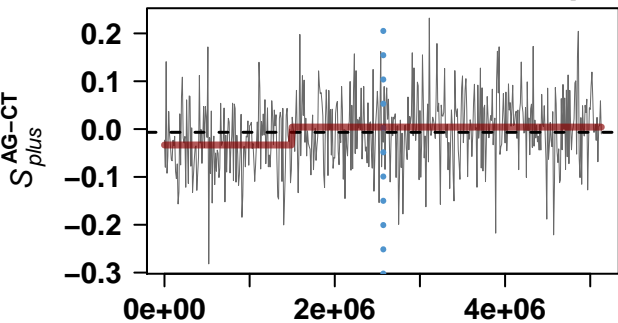


genome coordinates

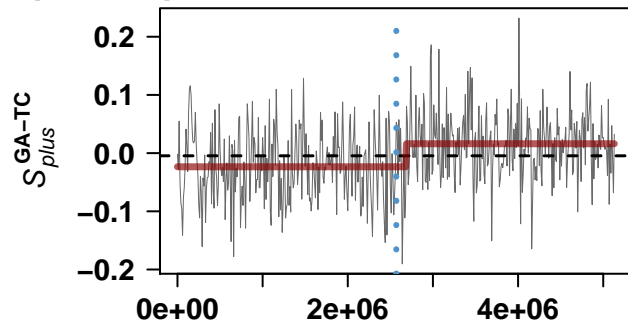


genome coordinates

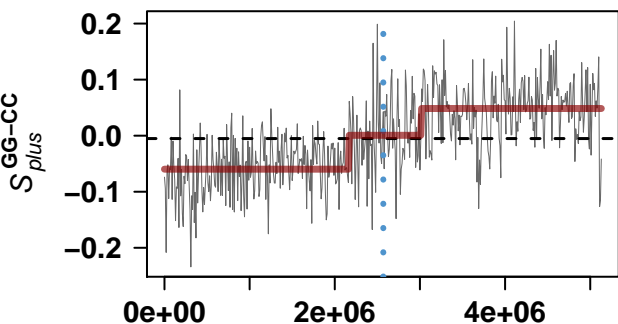
# *Xanthomonas campestris* pv. *campestris* str. 8004



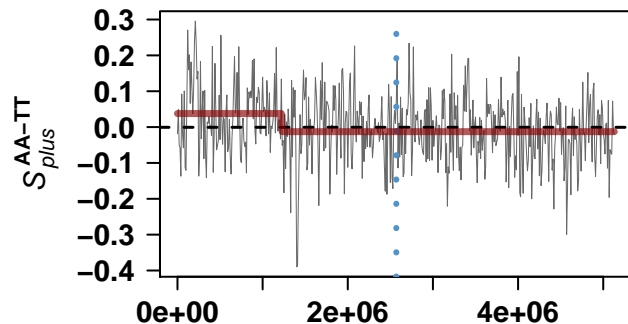
genome coordinates



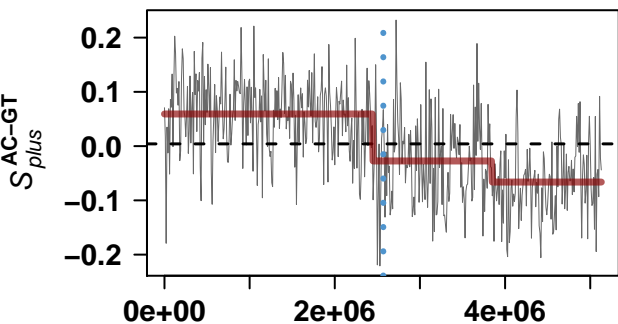
genome coordinates



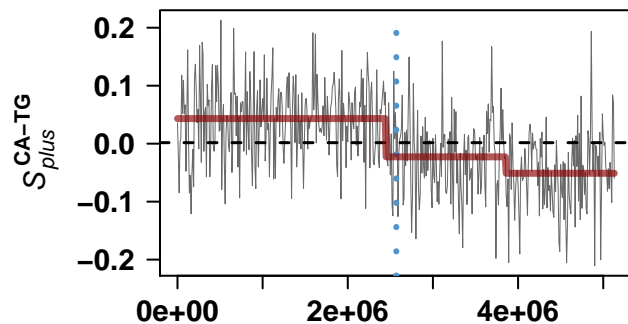
genome coordinates



genome coordinates

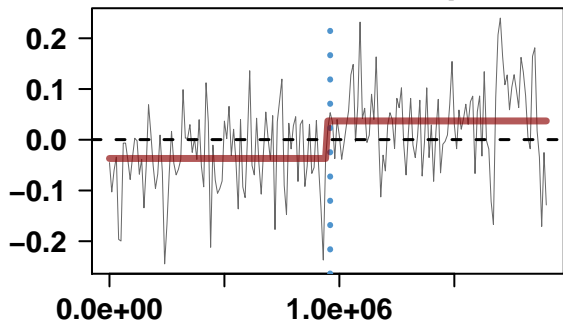


genome coordinates

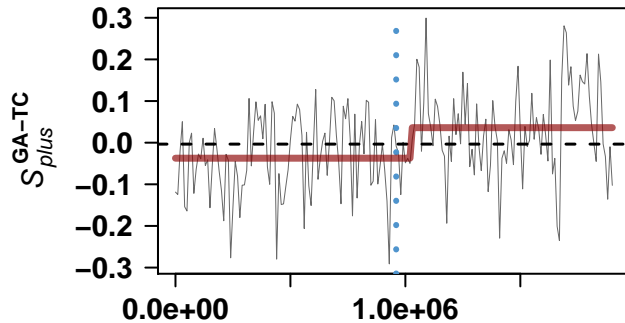


genome coordinates

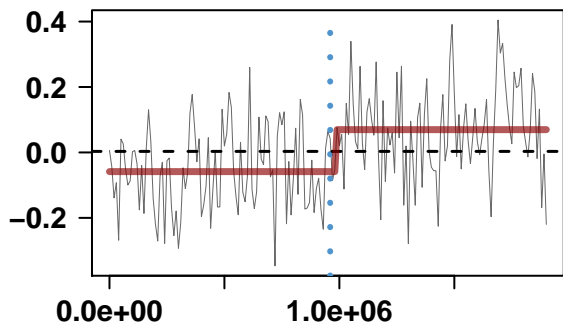
# Haemophilus influenzae 86-028NP



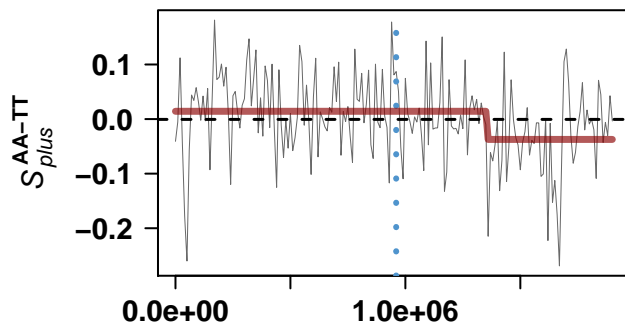
genome coordinates



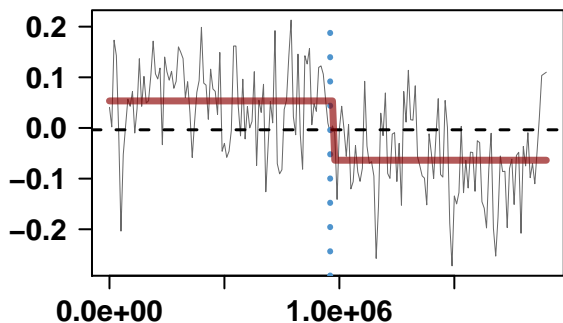
genome coordinates



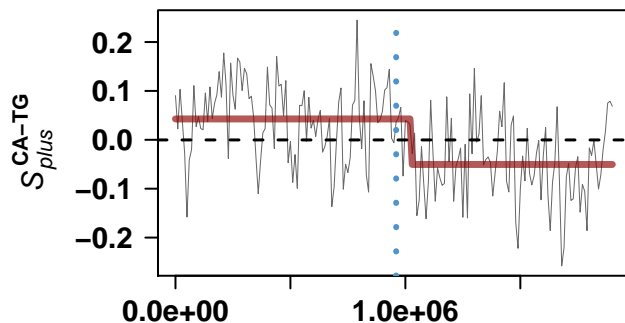
genome coordinates



genome coordinates

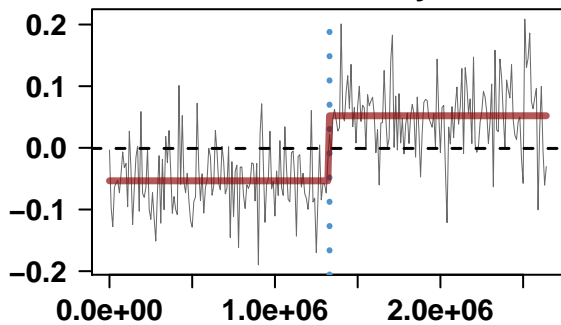


genome coordinates

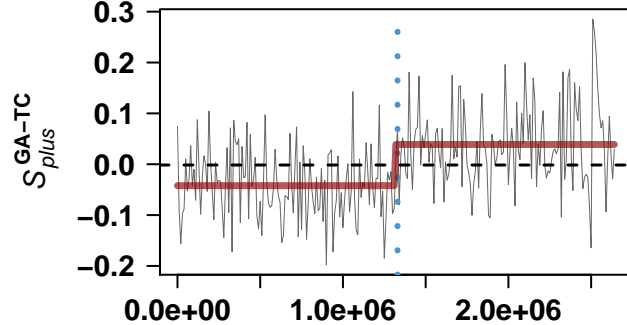


genome coordinates

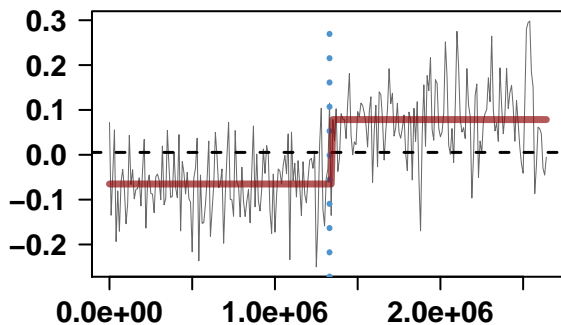
# Psychrobacter arcticus 273-4



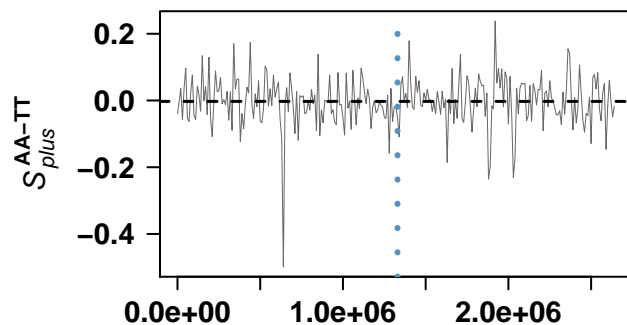
genome coordinates



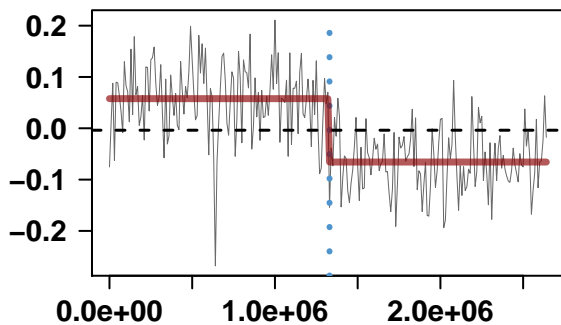
genome coordinates



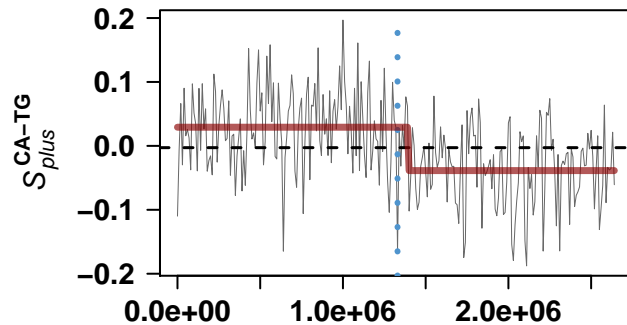
genome coordinates



genome coordinates

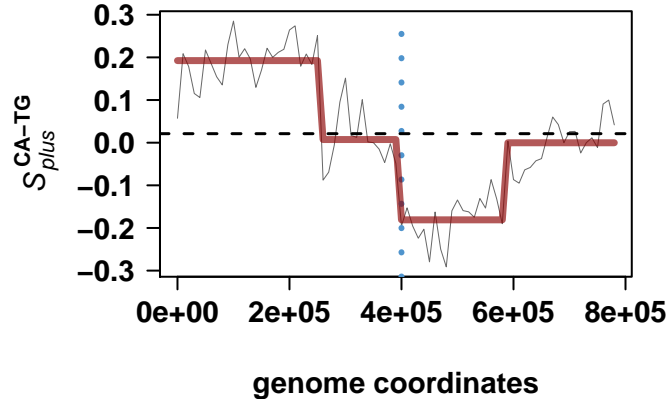
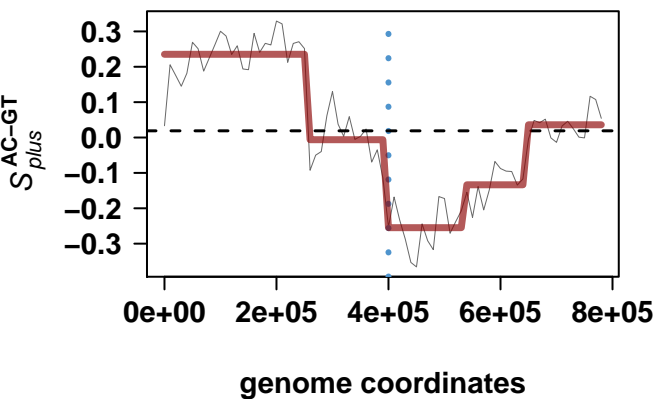
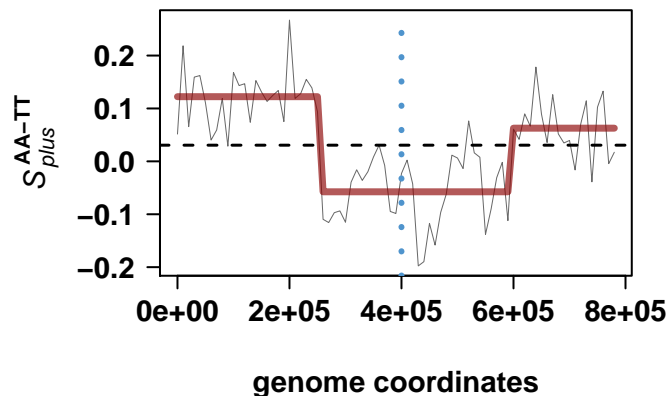
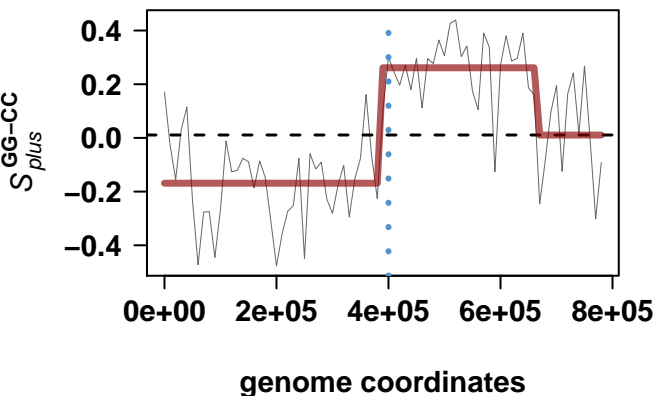
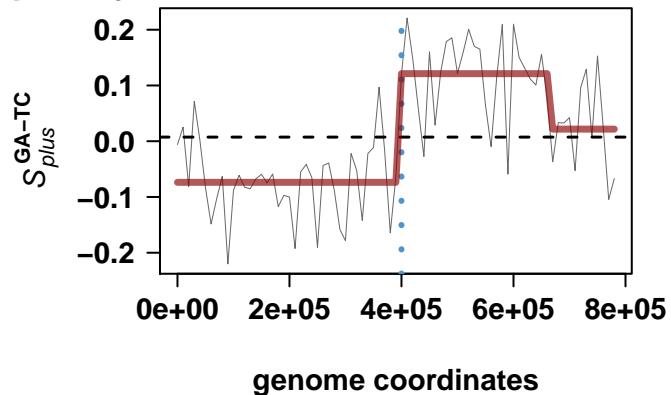
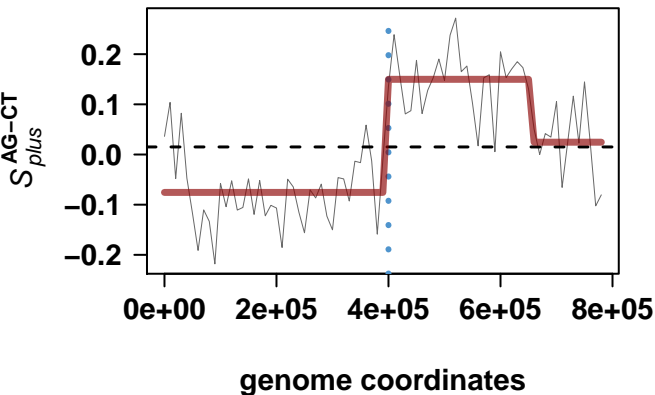


genome coordinates

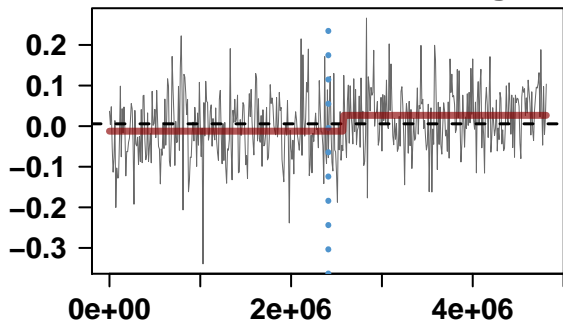


genome coordinates

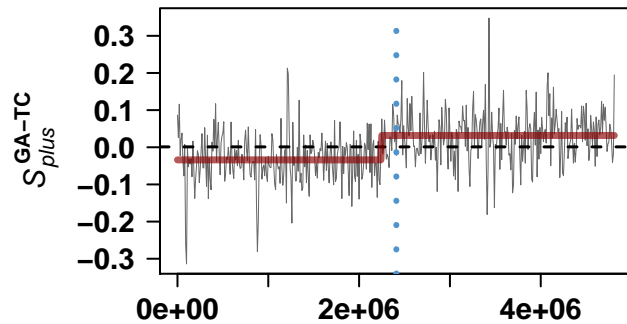
# Candidatus Blochmannia pennsylvanicus str. BPEN



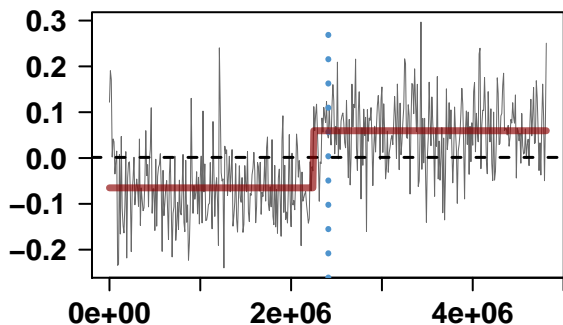
# Shigella sonnei Ss046



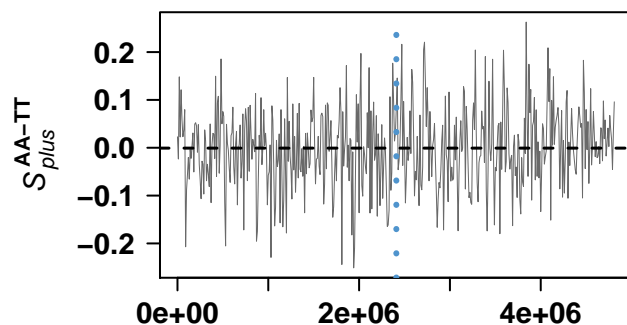
genome coordinates



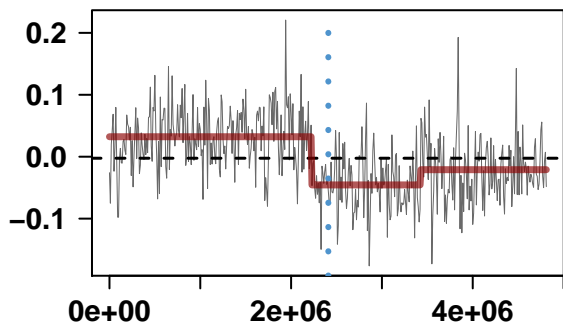
genome coordinates



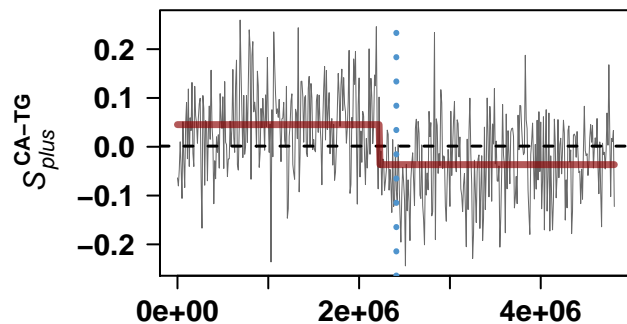
genome coordinates



genome coordinates

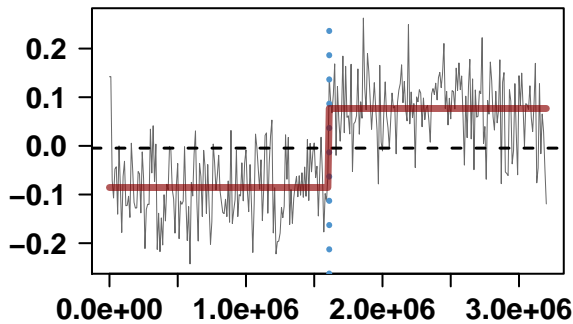


genome coordinates

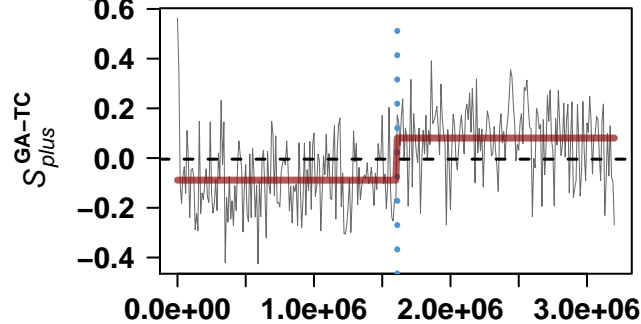


genome coordinates

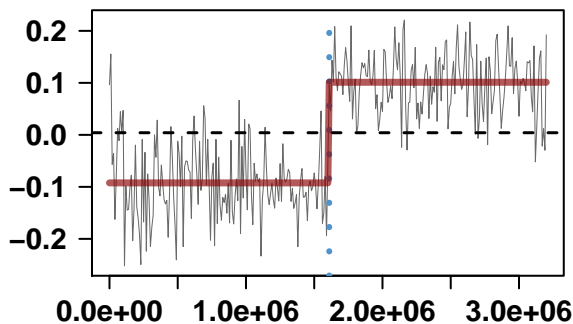
# Pseudoalteromonas haloplanktis TAC125



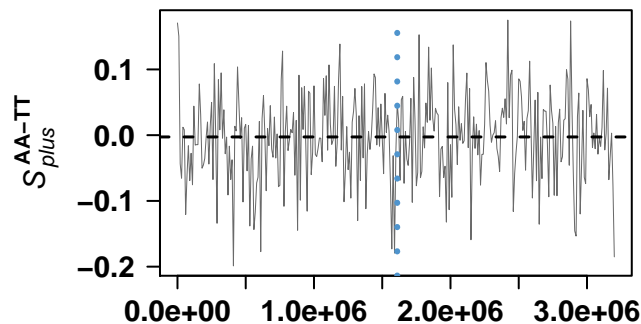
genome coordinates



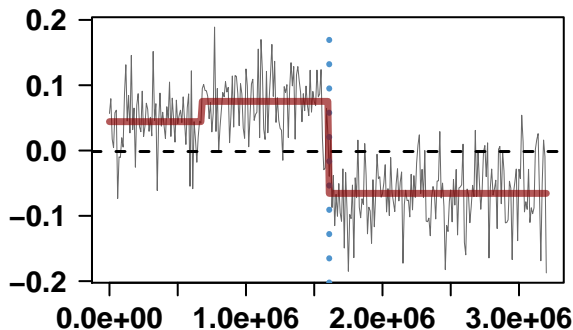
genome coordinates



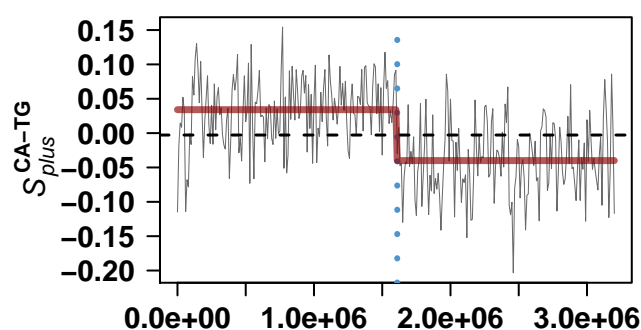
genome coordinates



genome coordinates

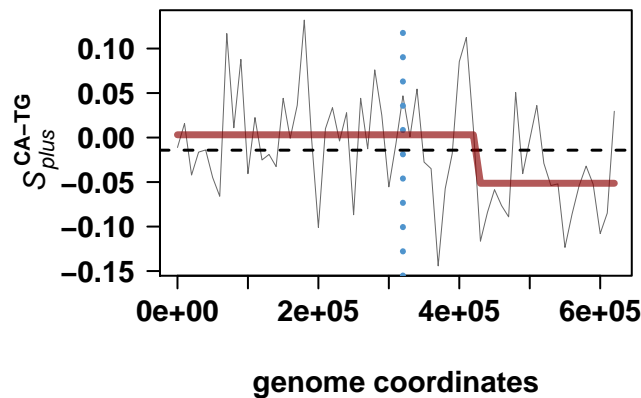
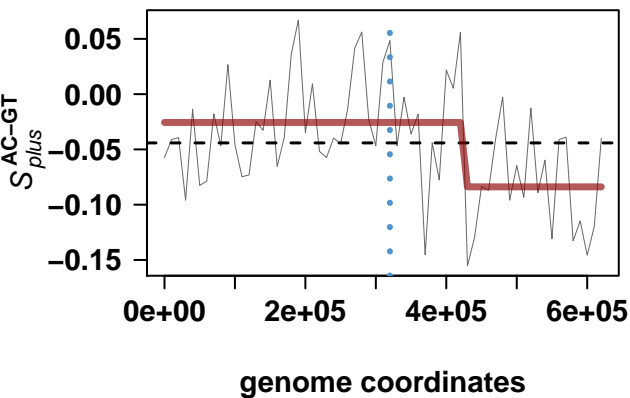
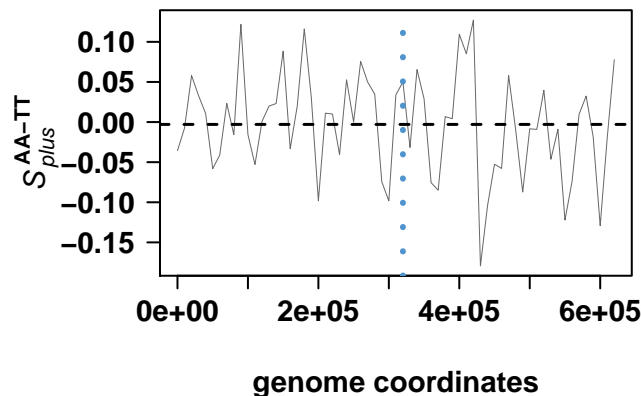
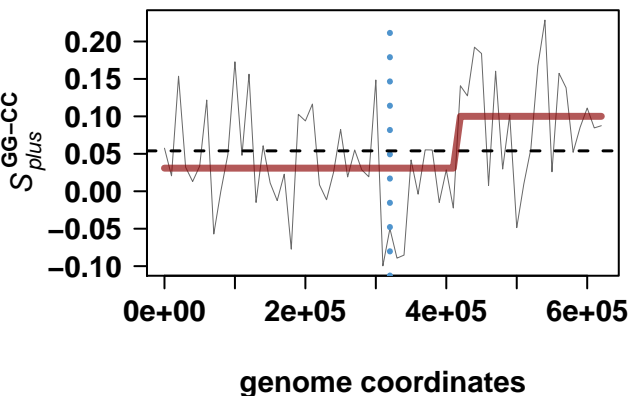
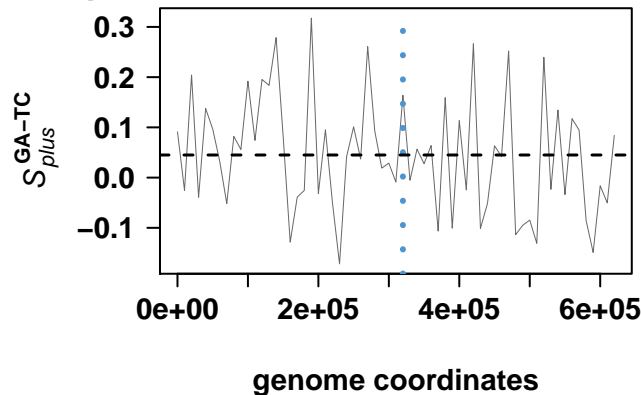
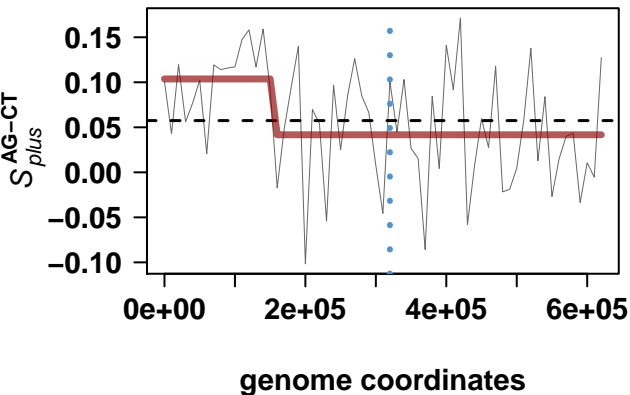


genome coordinates

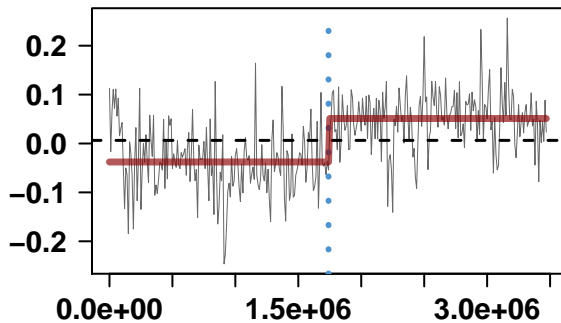


genome coordinates

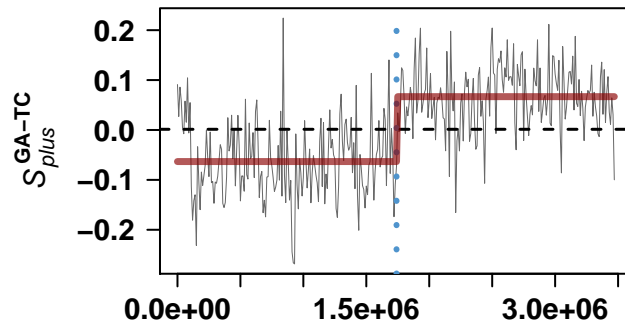
# Pseudoalteromonas haloplanktis TAC125



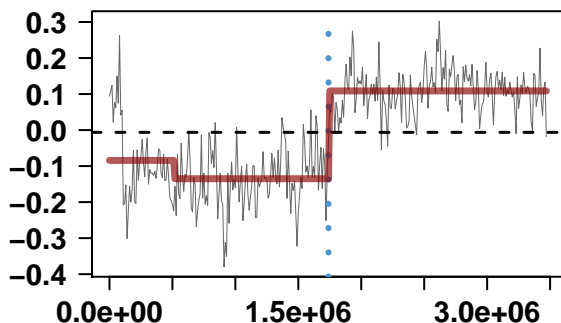
# Nitrosococcus oceani ATCC 19707



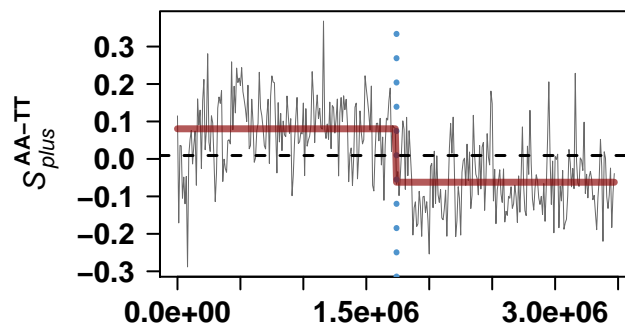
genome coordinates



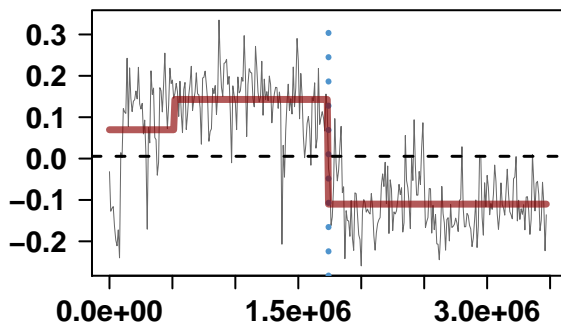
genome coordinates



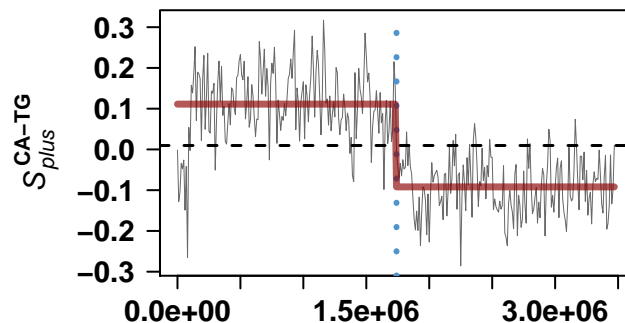
genome coordinates



genome coordinates

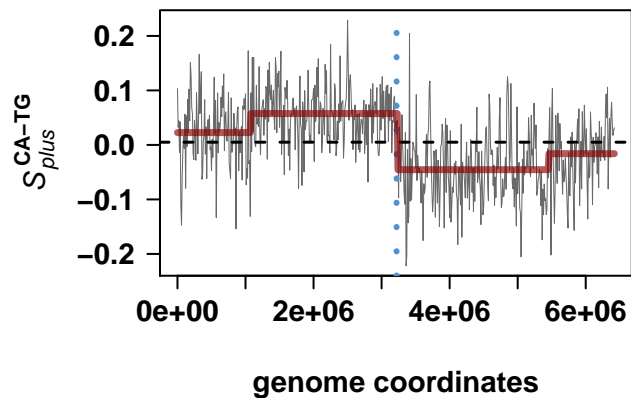
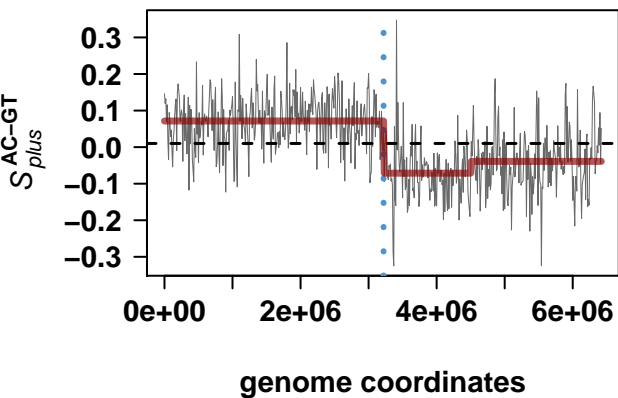
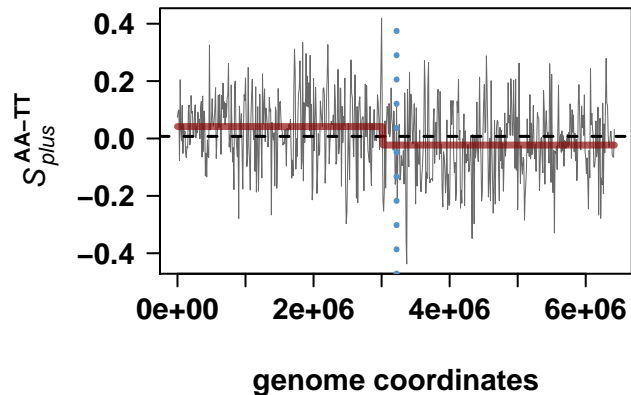
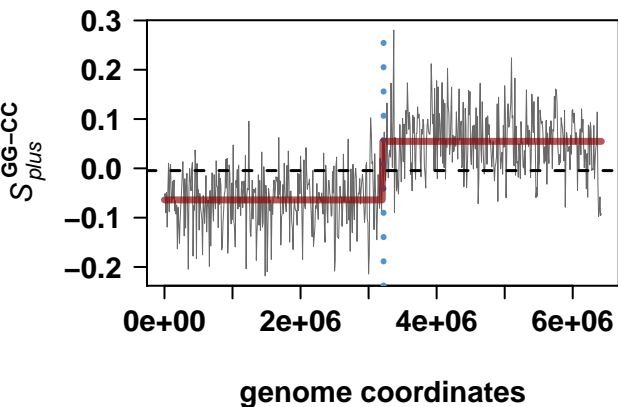
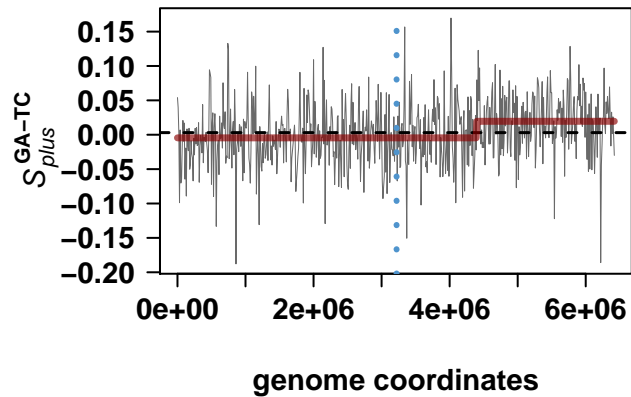
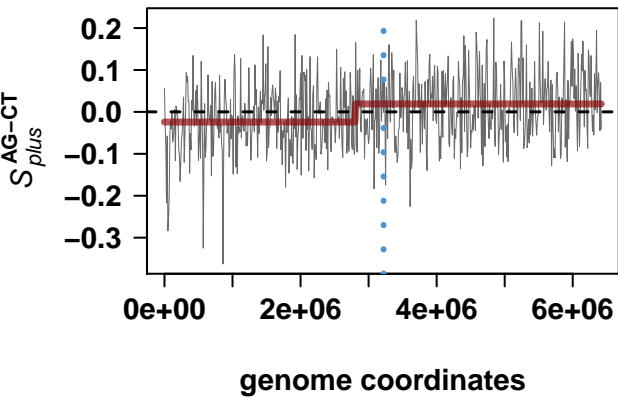


genome coordinates

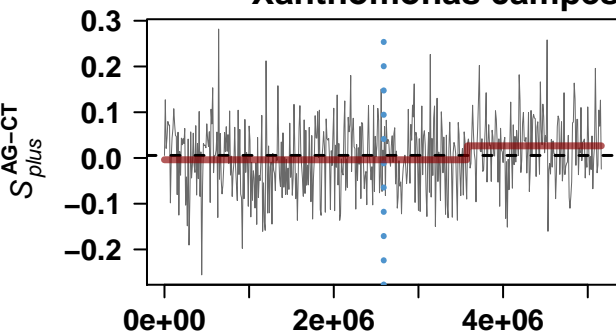


genome coordinates

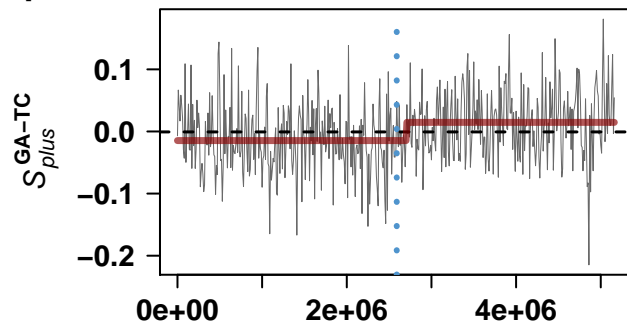
# *Pseudomonas fluorescens* Pf0-1



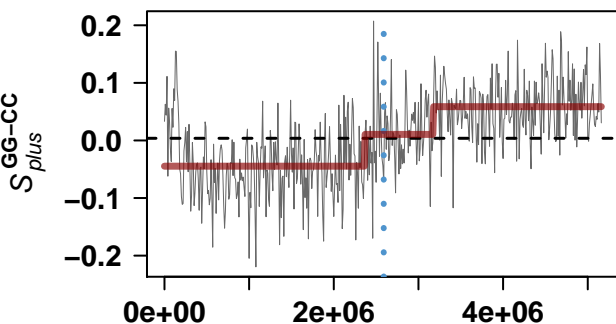
# *Xanthomonas campestris* pv. *vesicatoria* str. 85-10



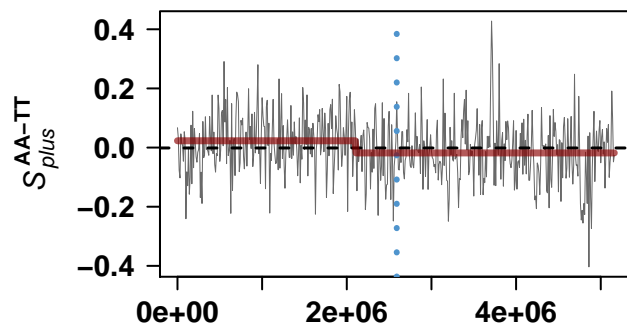
genome coordinates



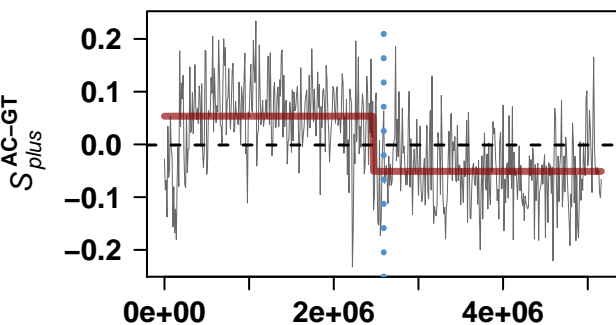
genome coordinates



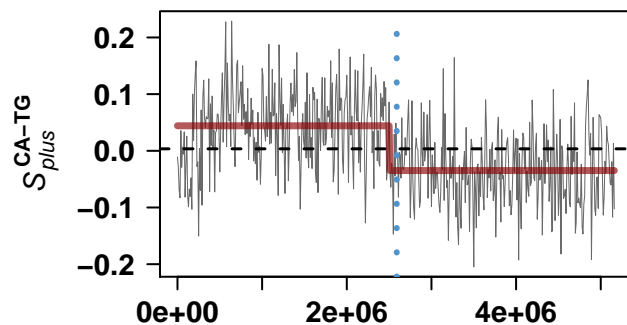
genome coordinates



genome coordinates

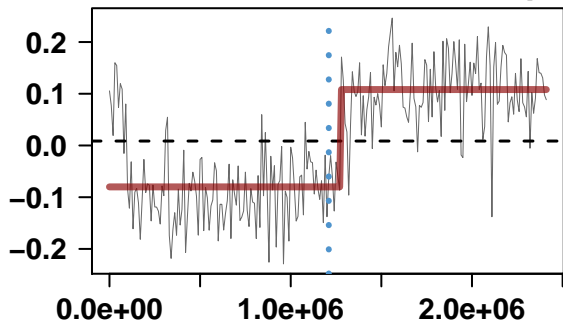


genome coordinates

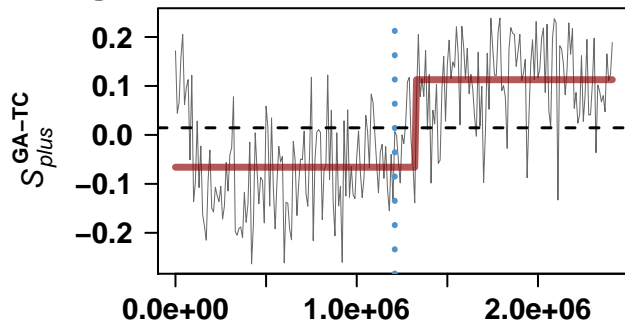


genome coordinates

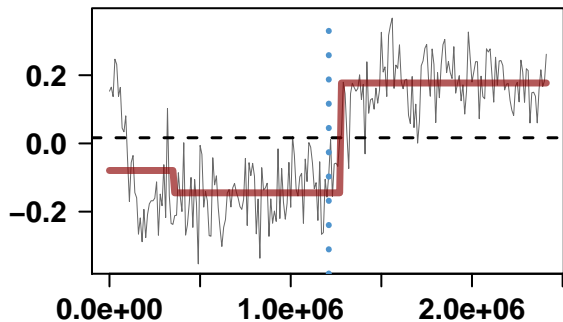
# Thiomicrospira crunogena XCL-2



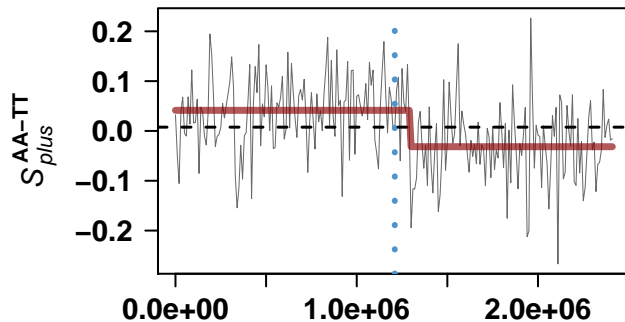
genome coordinates



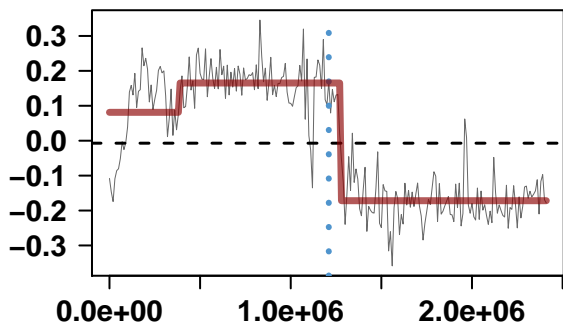
genome coordinates



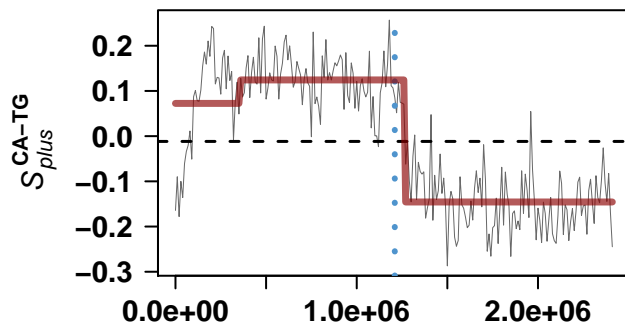
genome coordinates



genome coordinates

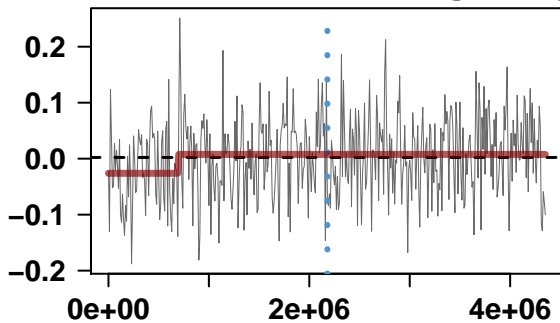


genome coordinates

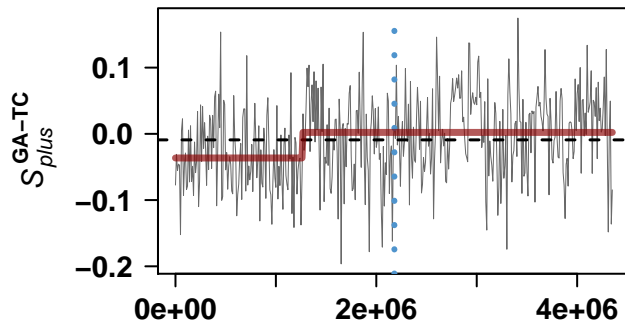


genome coordinates

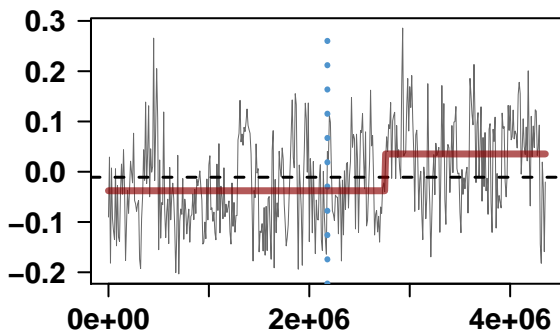
# Shigella dysenteriae Sd197



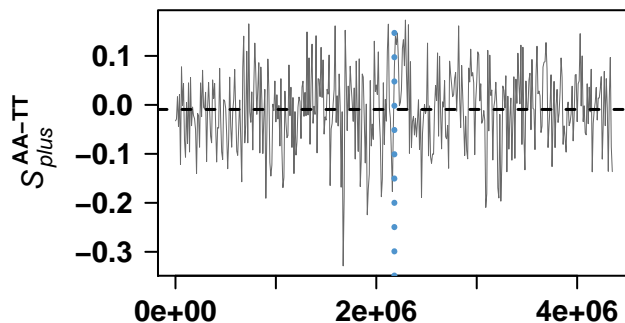
genome coordinates



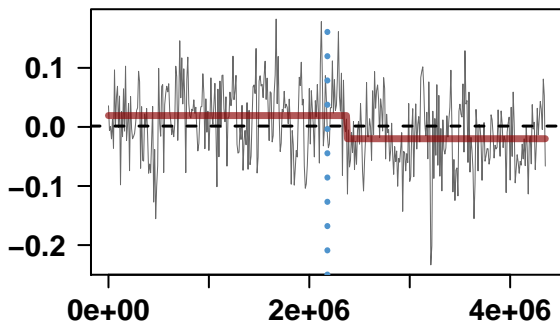
genome coordinates



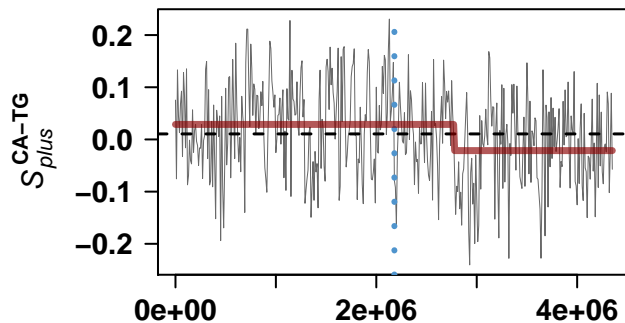
genome coordinates



genome coordinates

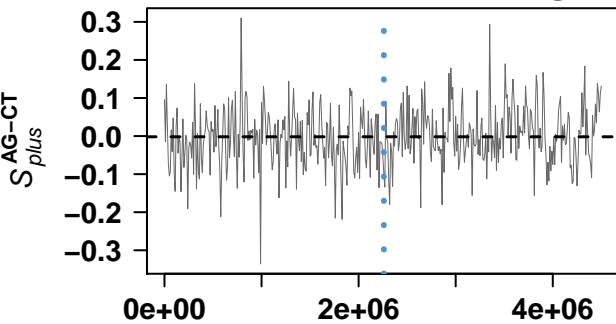


genome coordinates

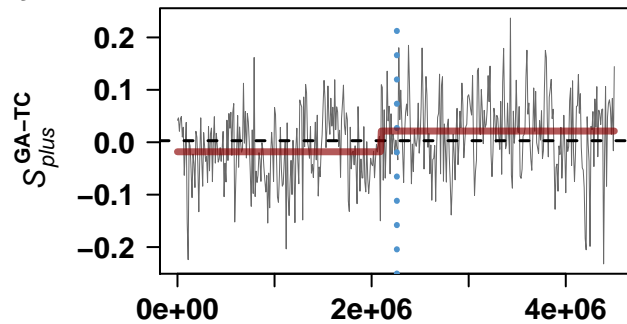


genome coordinates

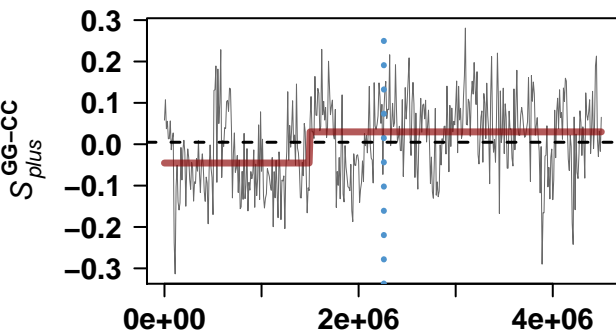
# Shigella boydii Sb227



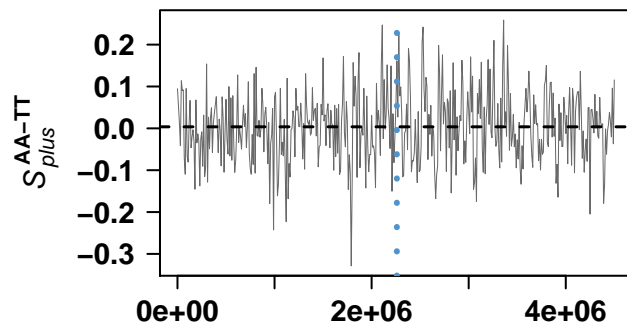
genome coordinates



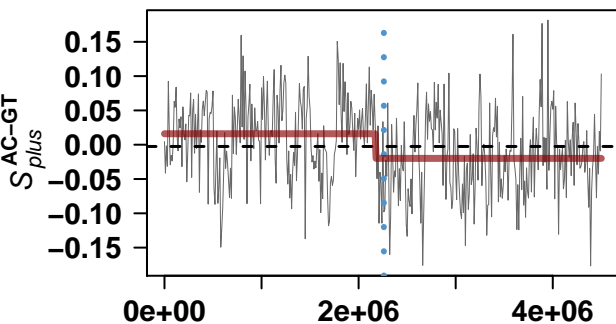
genome coordinates



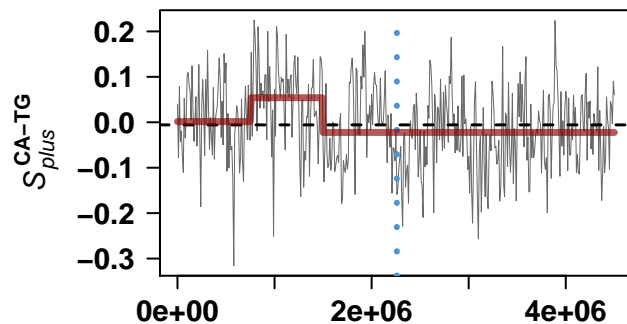
genome coordinates



genome coordinates

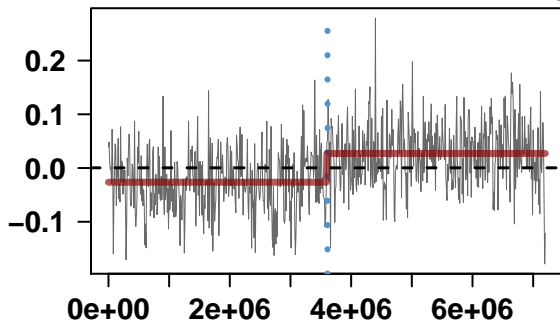


genome coordinates

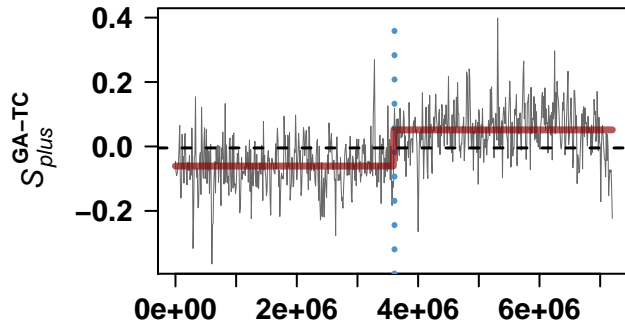


genome coordinates

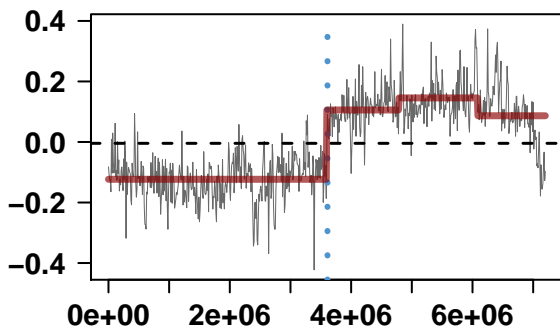
# Hahella chejuensis KCTC 2396



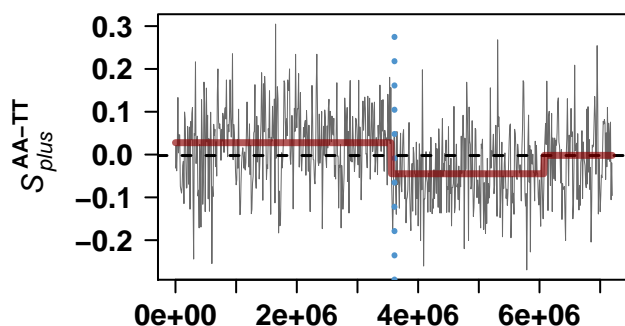
genome coordinates



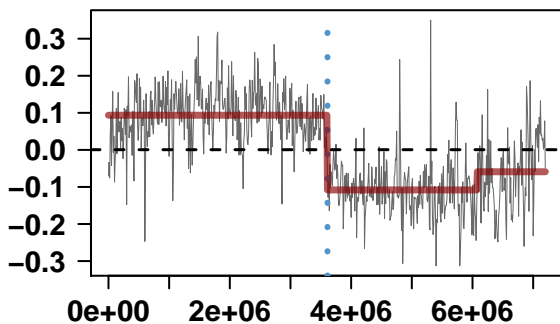
genome coordinates



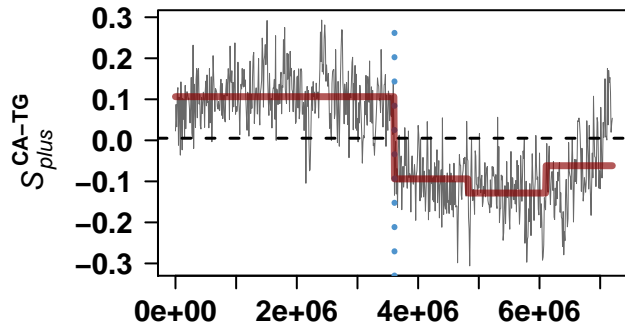
genome coordinates



genome coordinates

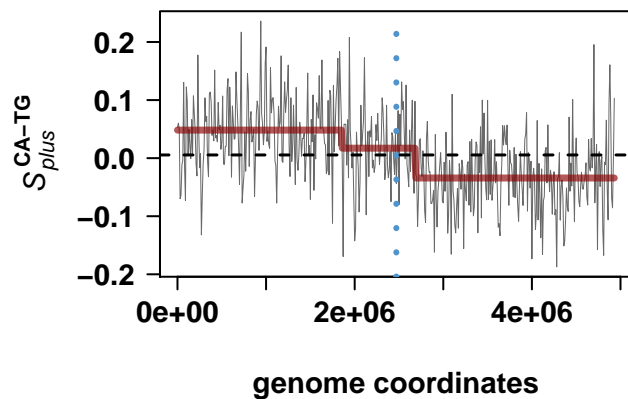
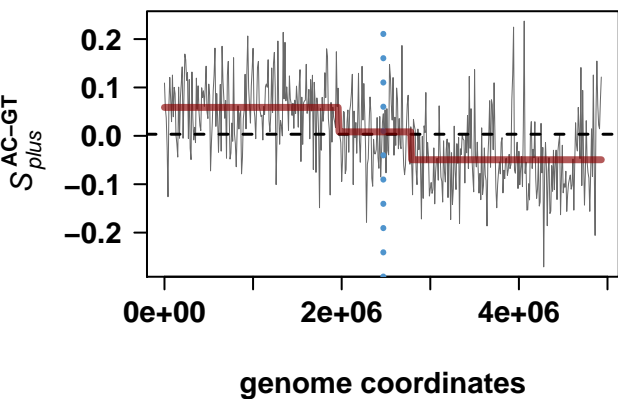
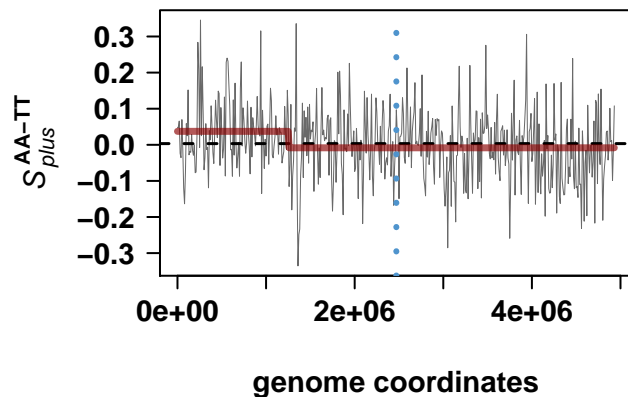
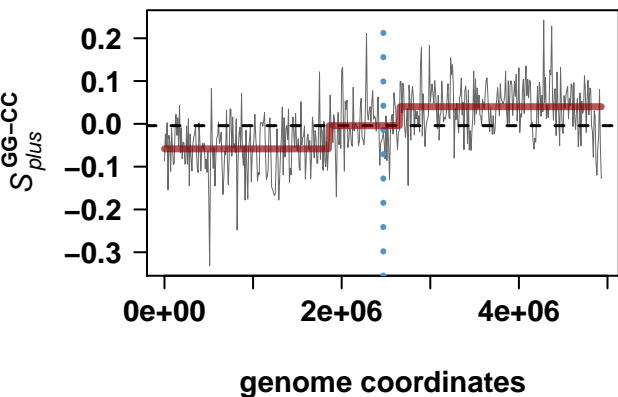
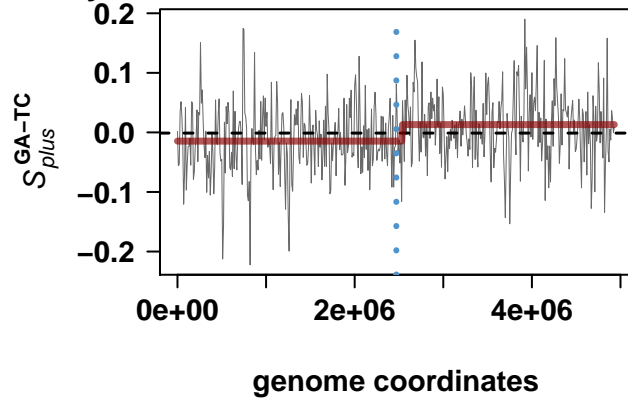
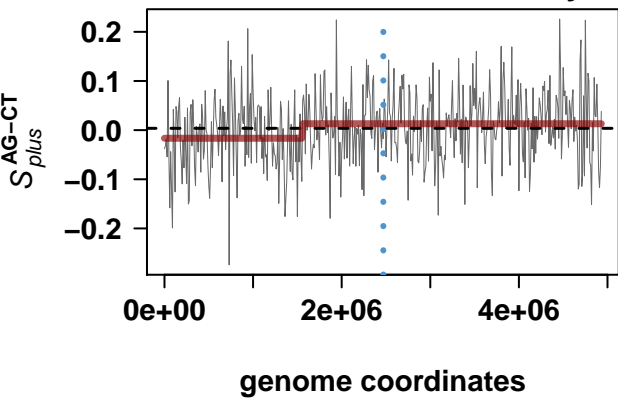


genome coordinates

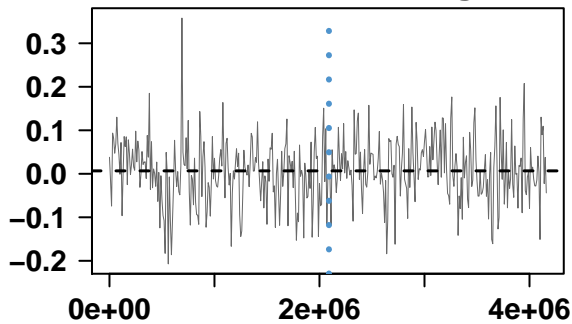


genome coordinates

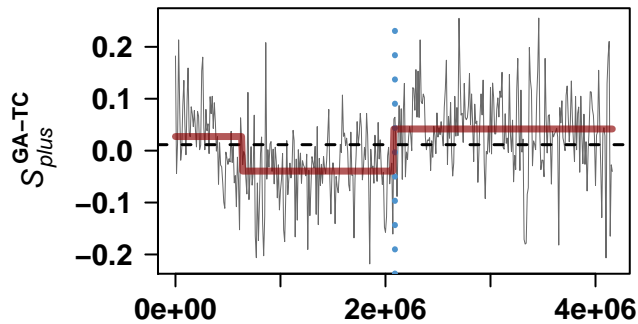
# Xanthomonas oryzae pv. oryzae MAFF 311018



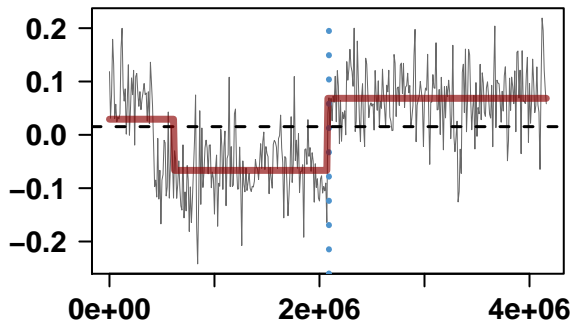
# Sodalis glossinidius str. 'morsitans'



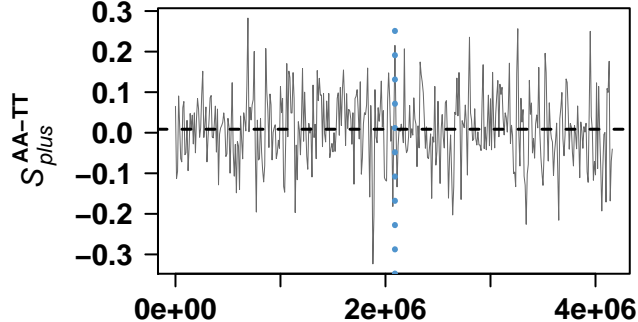
genome coordinates



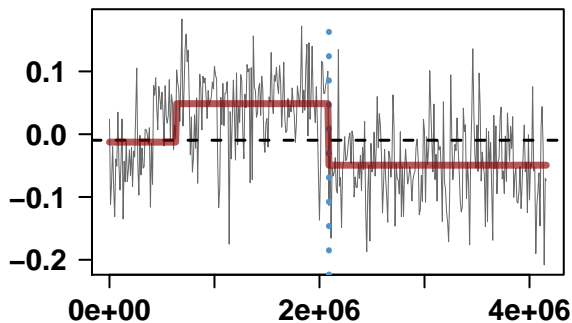
genome coordinates



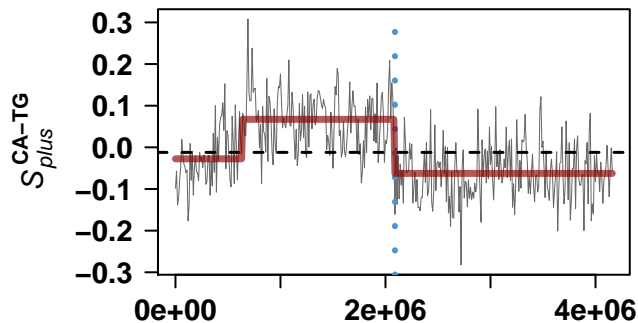
genome coordinates



genome coordinates

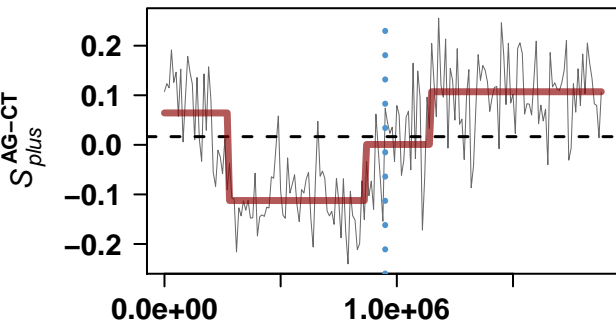


genome coordinates

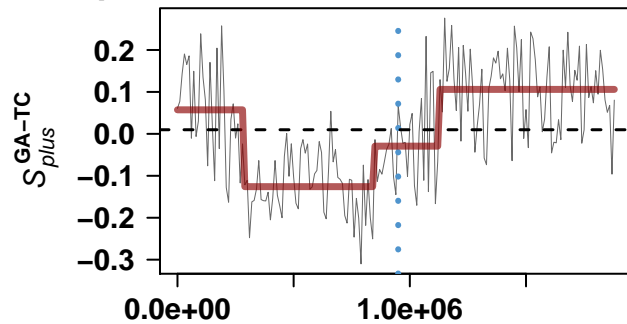


genome coordinates

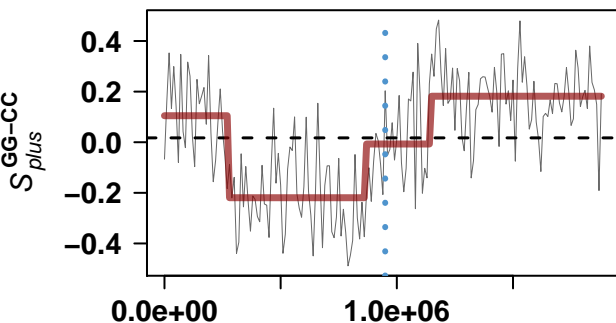
# Francisella tularensis subsp. holarctica LVS



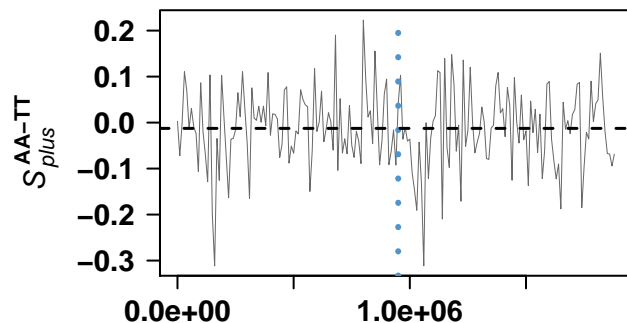
genome coordinates



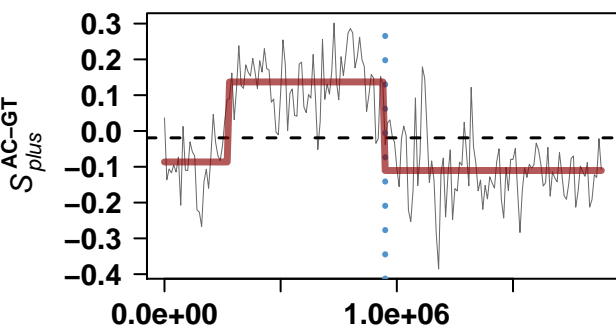
genome coordinates



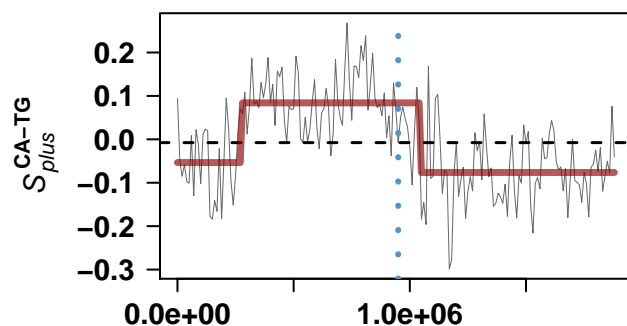
genome coordinates



genome coordinates

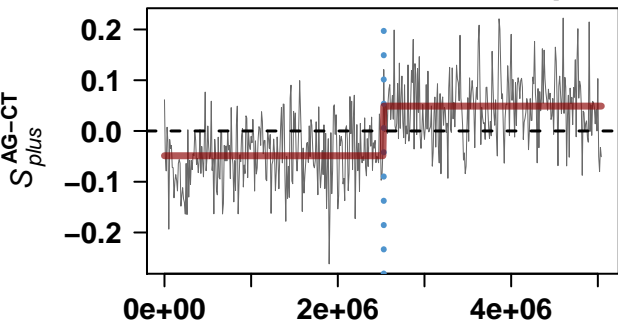


genome coordinates

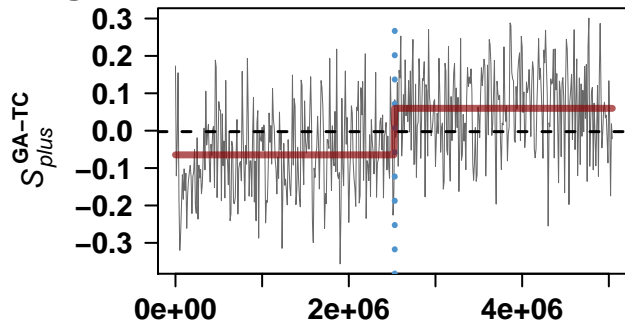


genome coordinates

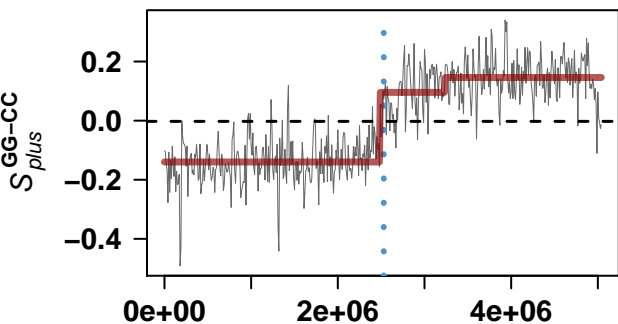
# Saccharophagus degradans 2-40



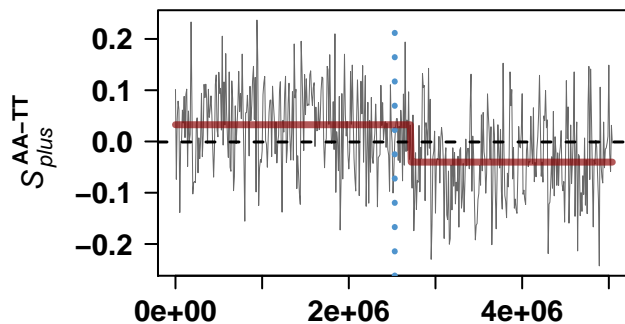
genome coordinates



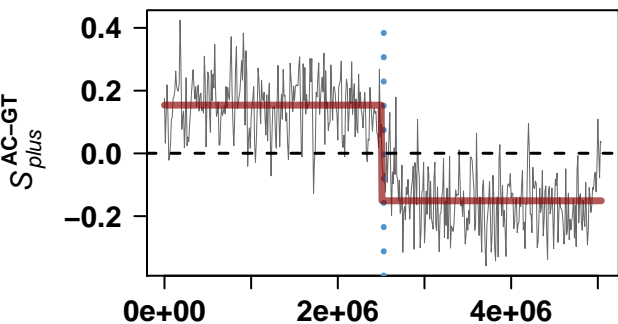
genome coordinates



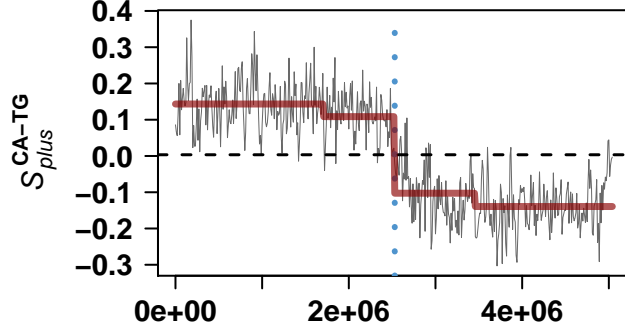
genome coordinates



genome coordinates

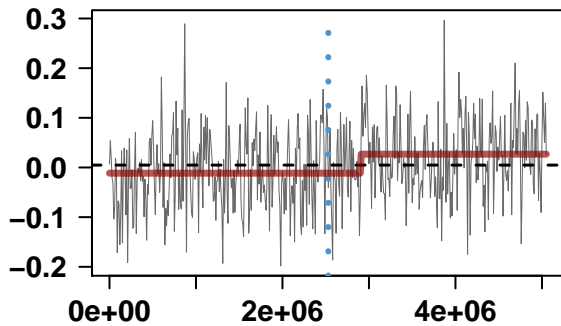


genome coordinates

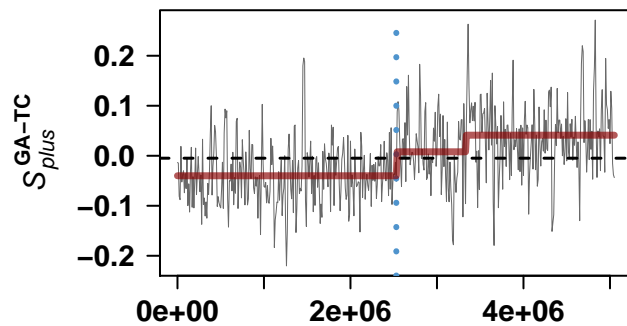


genome coordinates

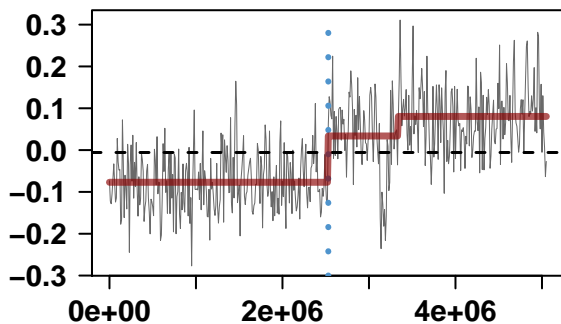
# Escherichia coli UTI89



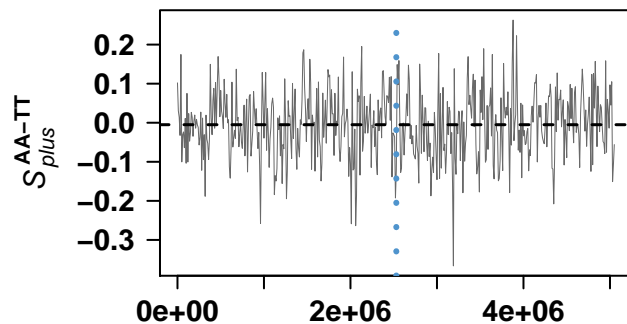
genome coordinates



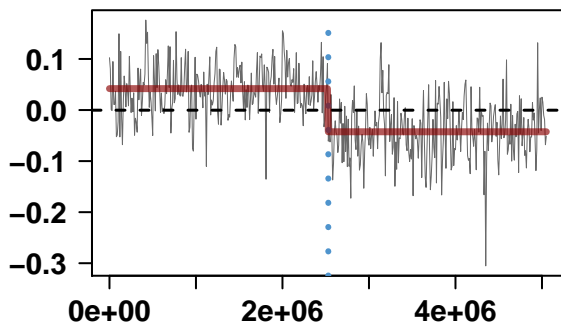
genome coordinates



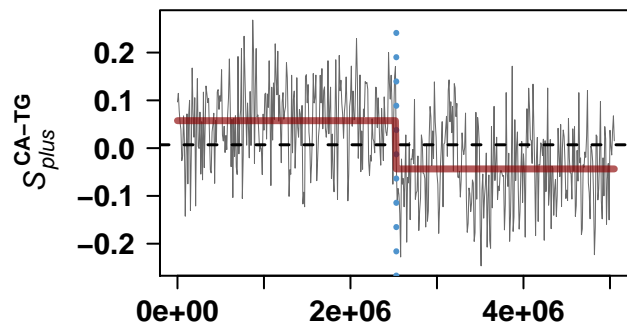
genome coordinates



genome coordinates

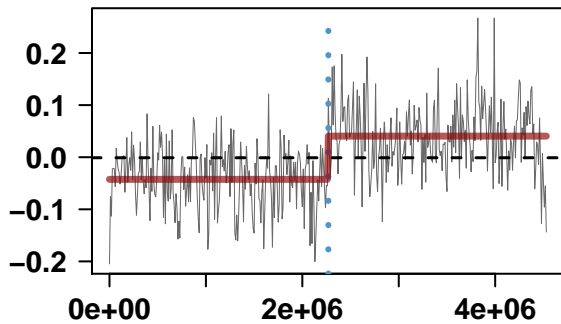


genome coordinates

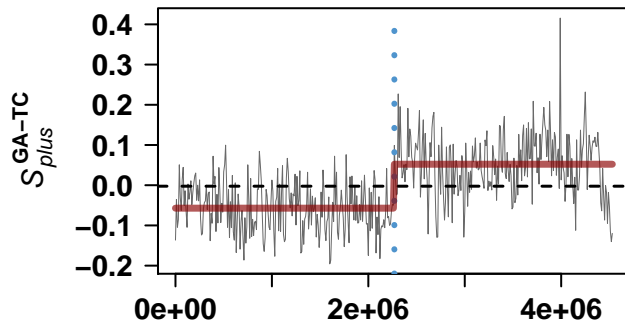


genome coordinates

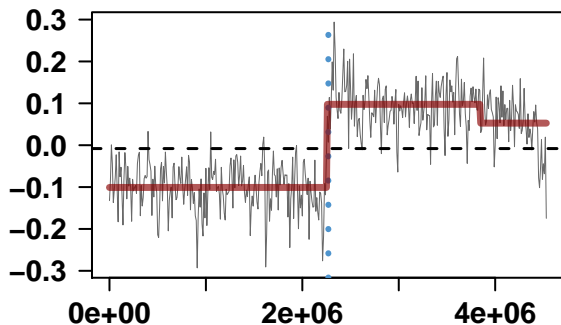
# Shewanella denitrificans OS217



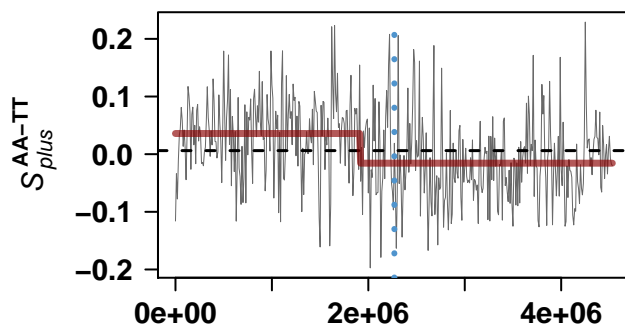
genome coordinates



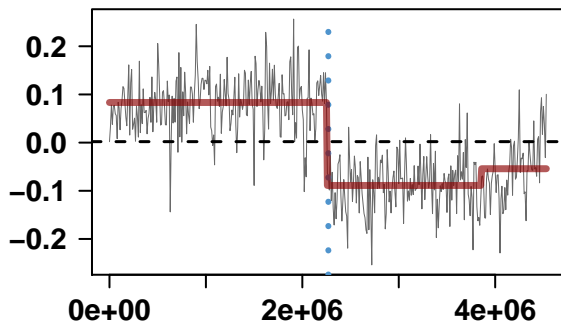
genome coordinates



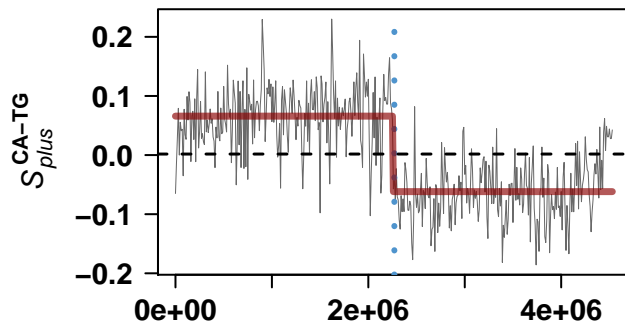
genome coordinates



genome coordinates

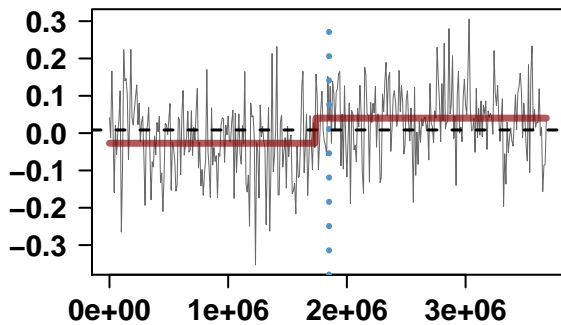


genome coordinates

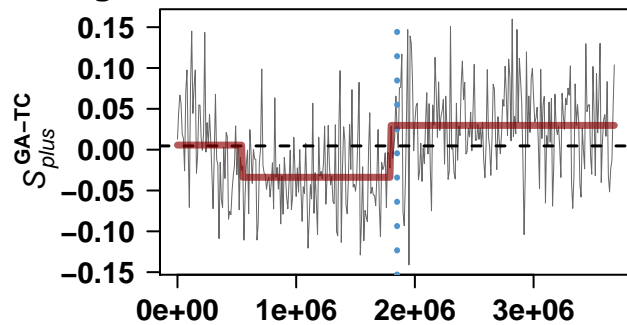


genome coordinates

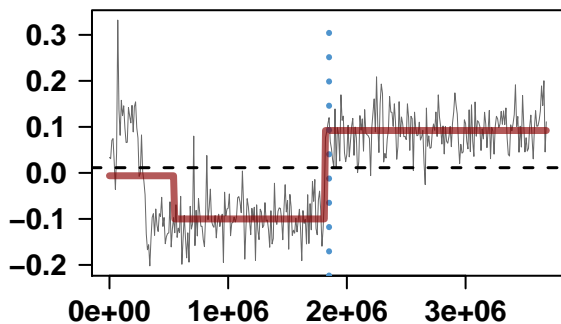
# Chromohalobacter salexigens DSM 3043



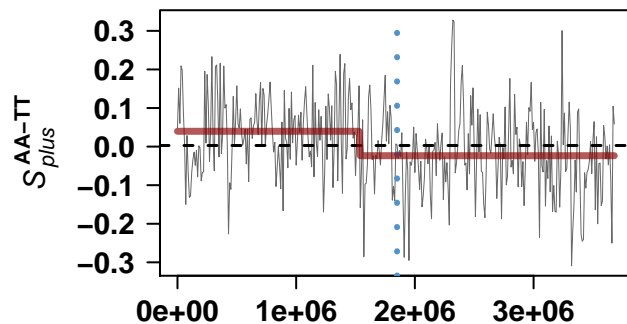
genome coordinates



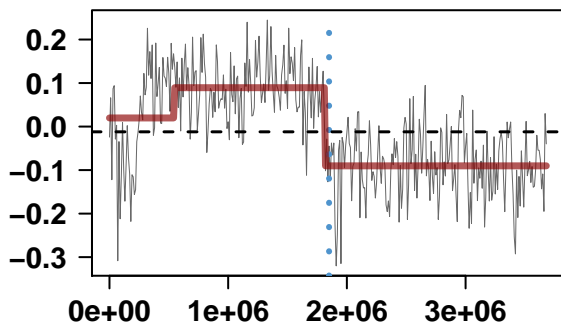
genome coordinates



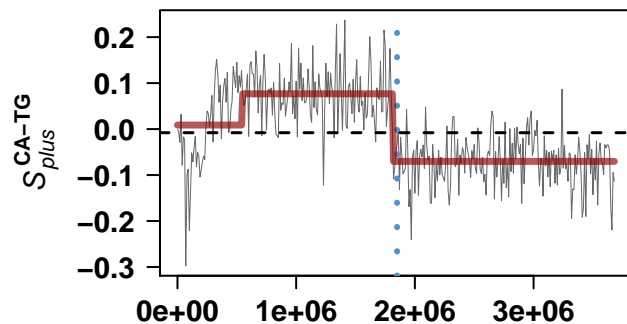
genome coordinates



genome coordinates

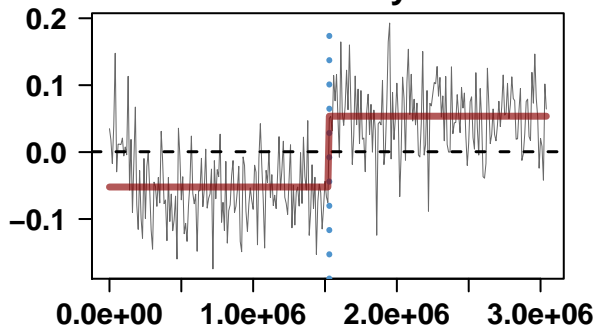


genome coordinates

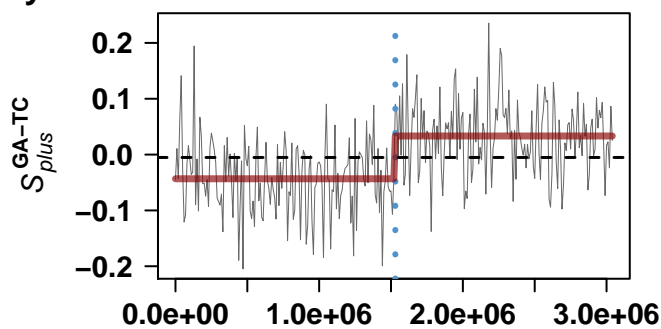


genome coordinates

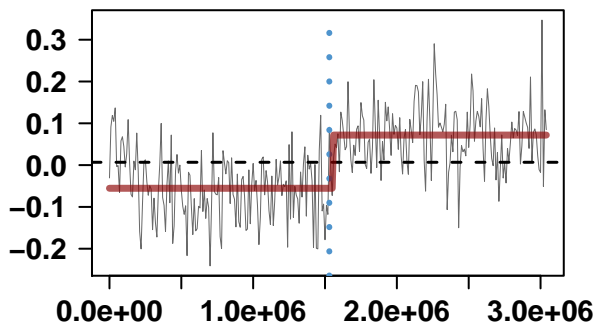
# Psychrobacter cryohalientis K5



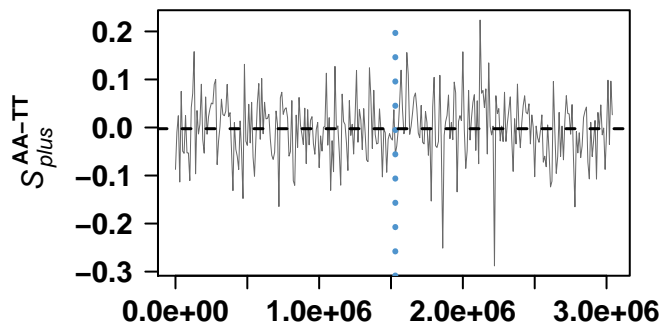
genome coordinates



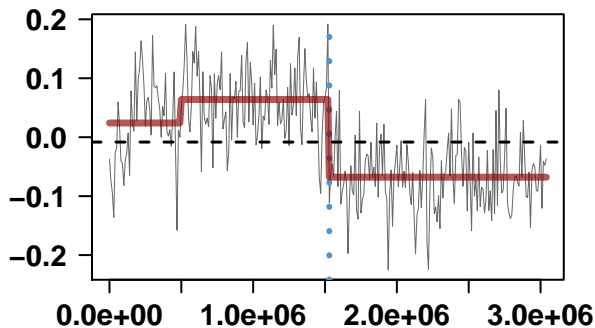
genome coordinates



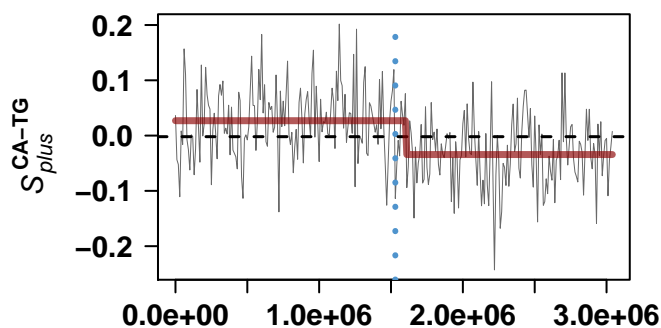
genome coordinates



genome coordinates

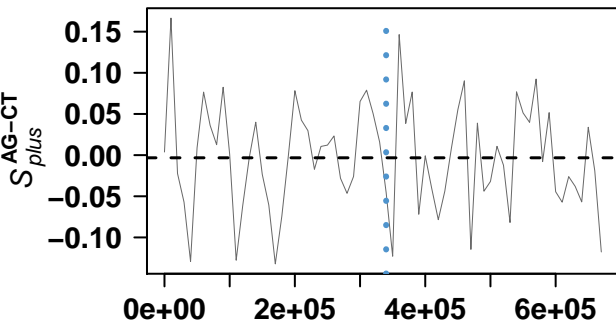


genome coordinates

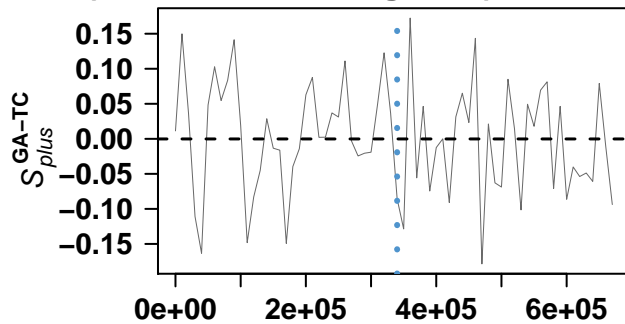


genome coordinates

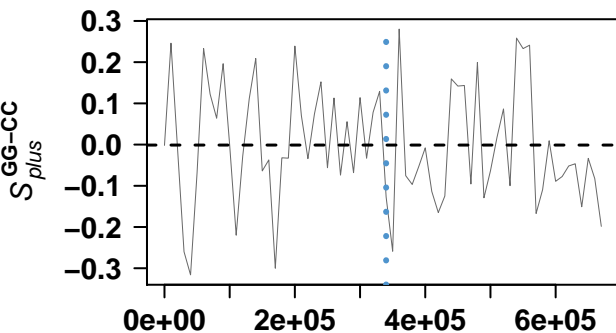
# Baumannia cicadellinicola str. Hc (Homalodisca coagulata)



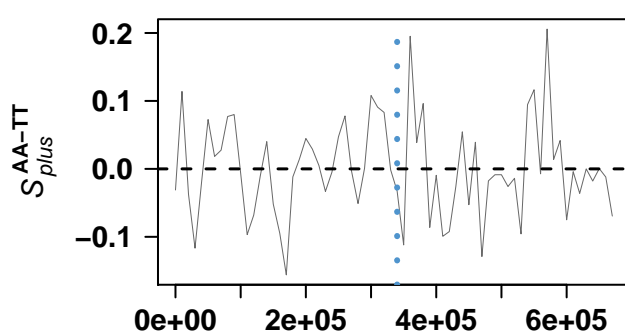
genome coordinates



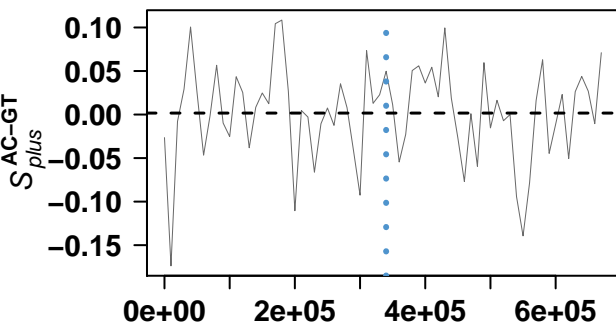
genome coordinates



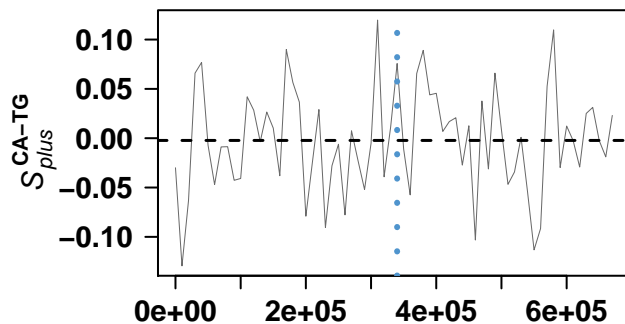
genome coordinates



genome coordinates

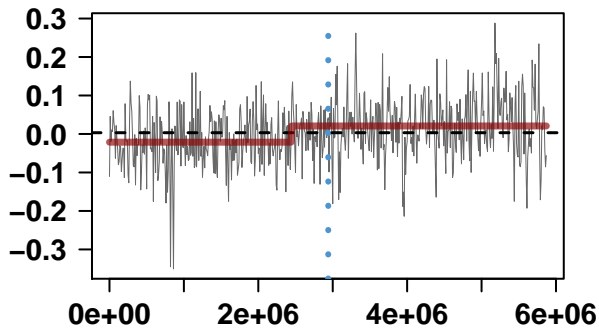


genome coordinates

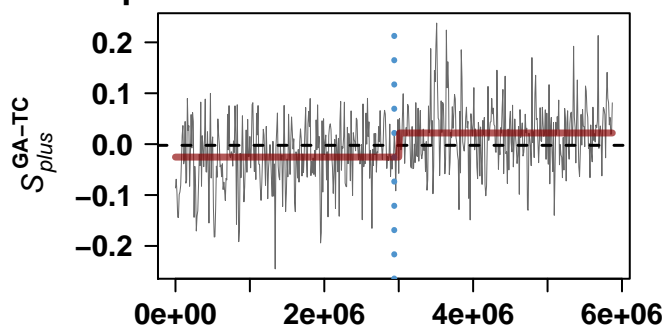


genome coordinates

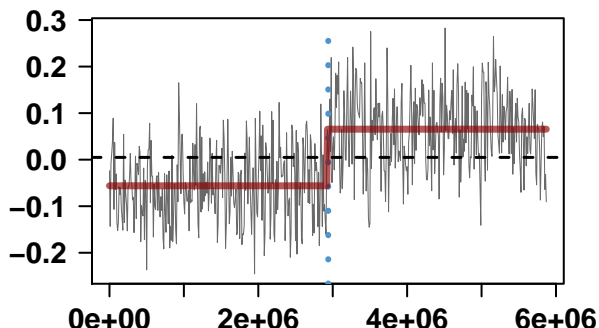
# *Pseudomonas entomophila* L48



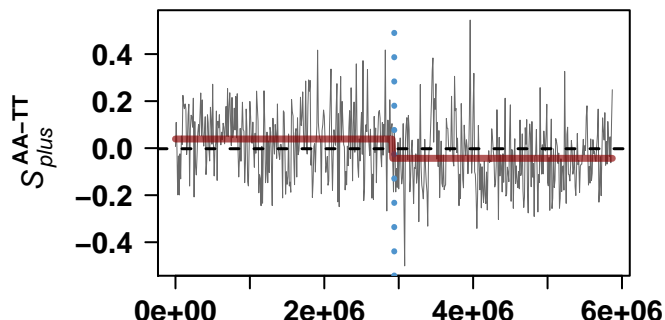
genome coordinates



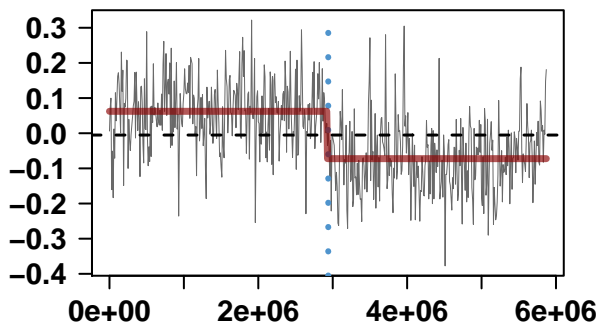
genome coordinates



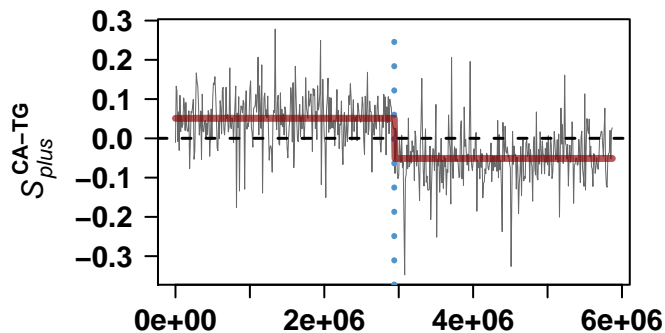
genome coordinates



genome coordinates

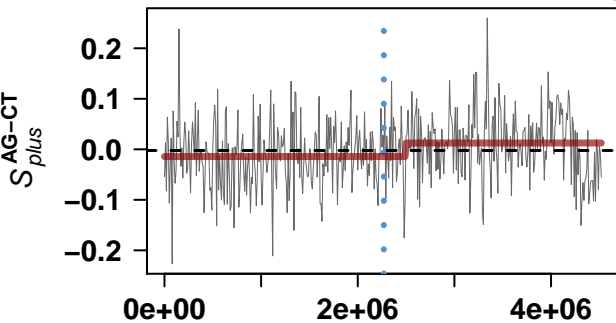


genome coordinates

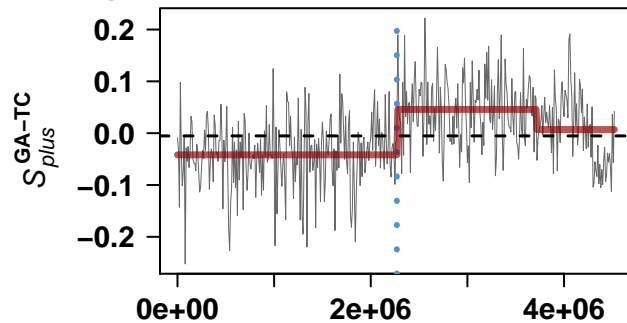


genome coordinates

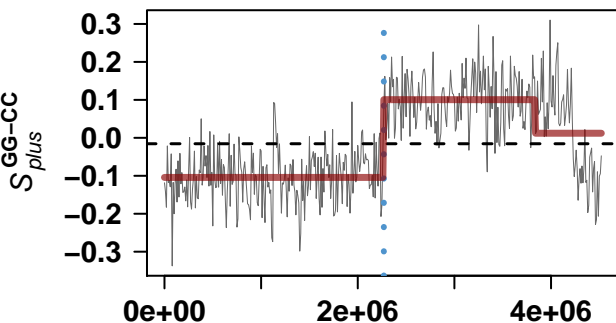
# Yersinia pestis Nepal516



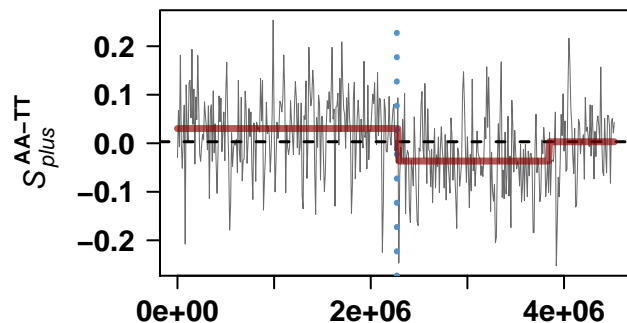
genome coordinates



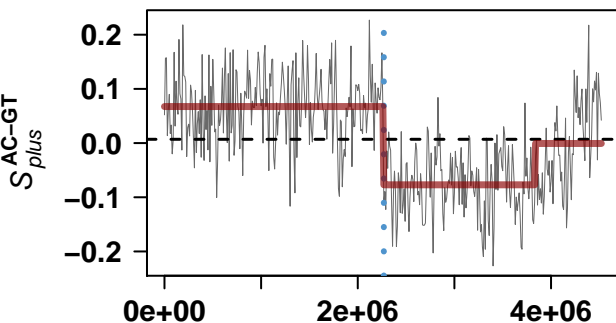
genome coordinates



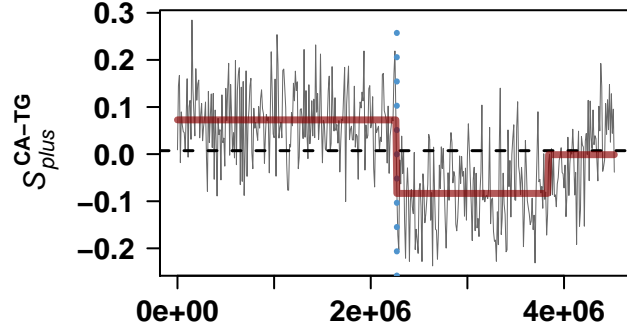
genome coordinates



genome coordinates

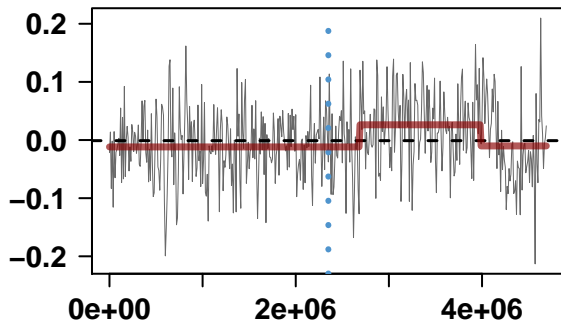


genome coordinates

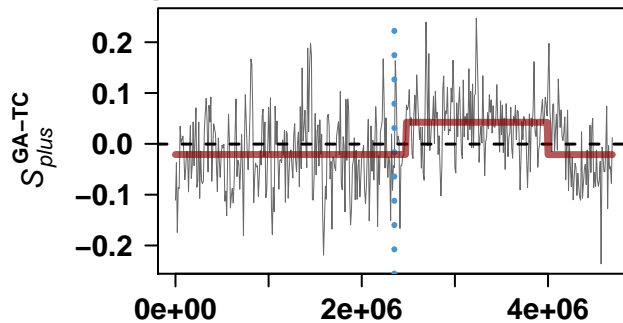


genome coordinates

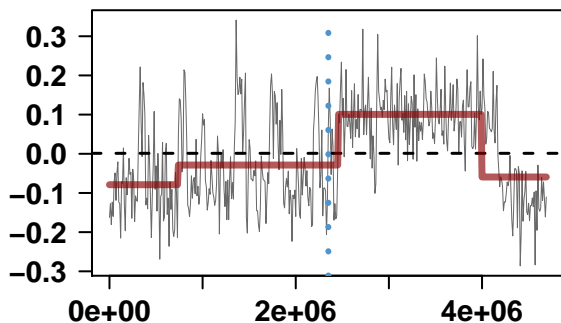
# Yersinia pestis Antiqua



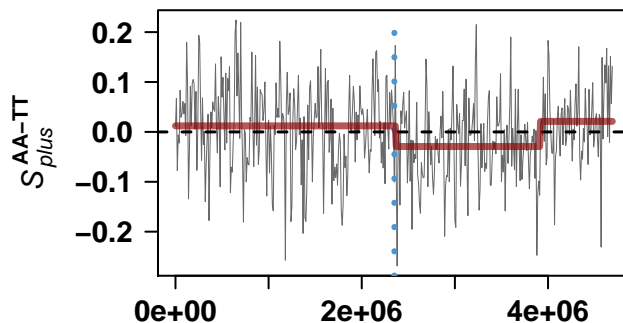
genome coordinates



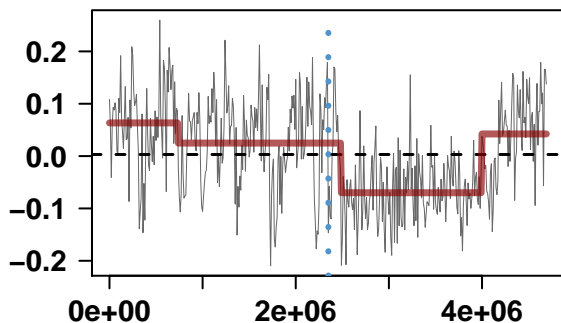
genome coordinates



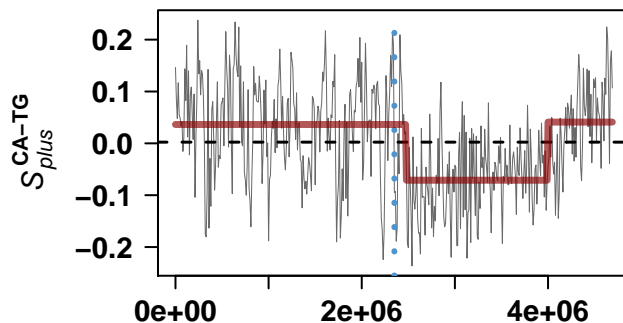
genome coordinates



genome coordinates

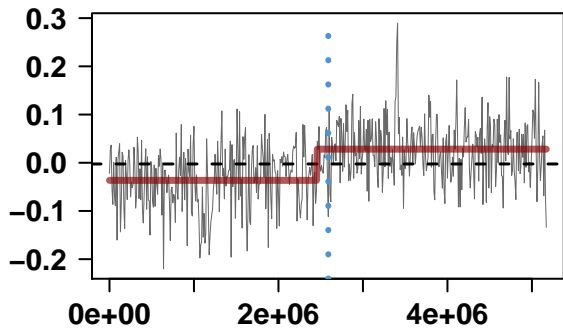


genome coordinates

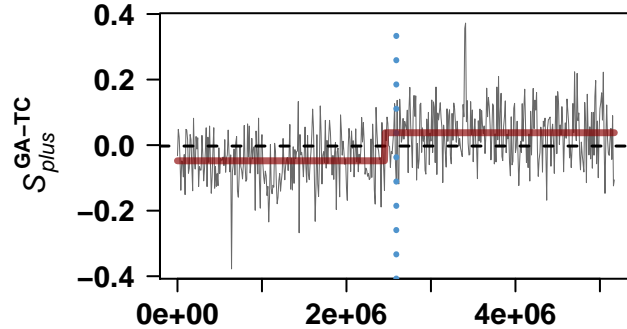


genome coordinates

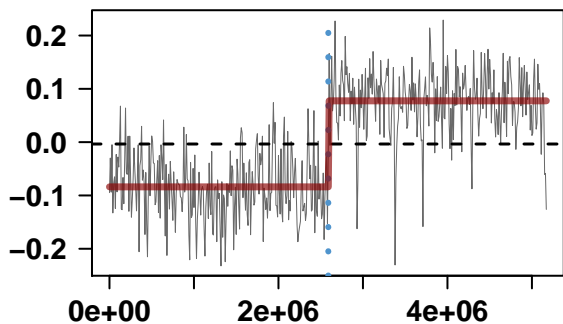
# Pseudoalteromonas atlantica T6c



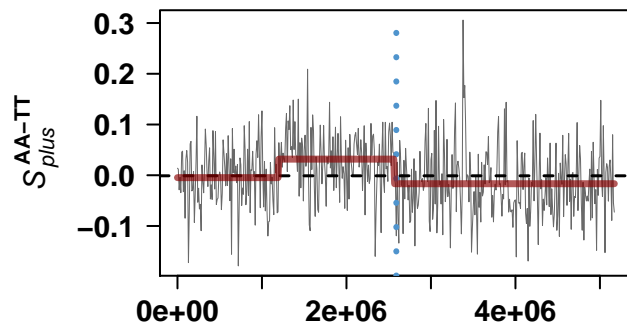
genome coordinates



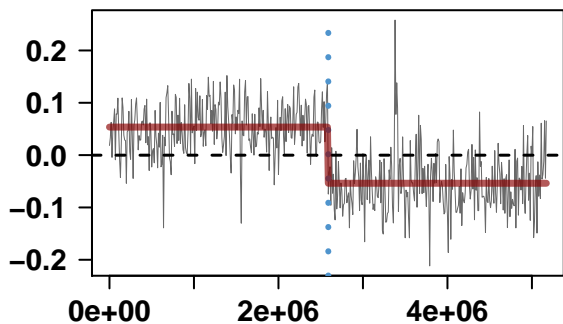
genome coordinates



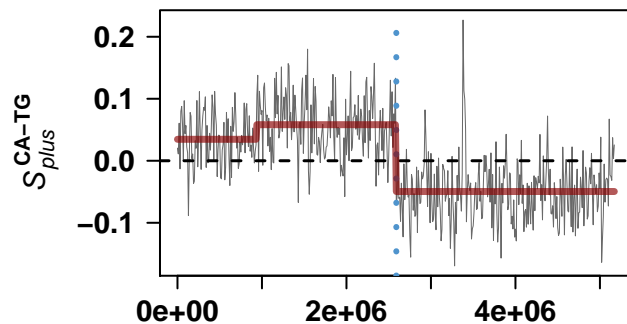
genome coordinates



genome coordinates

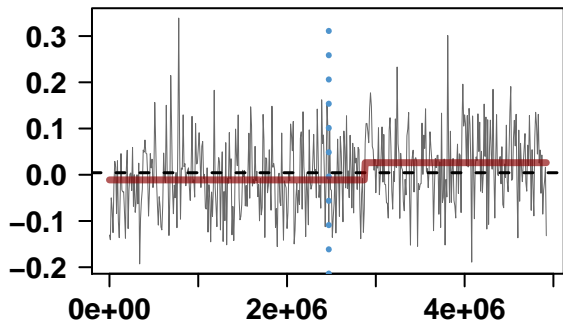


genome coordinates

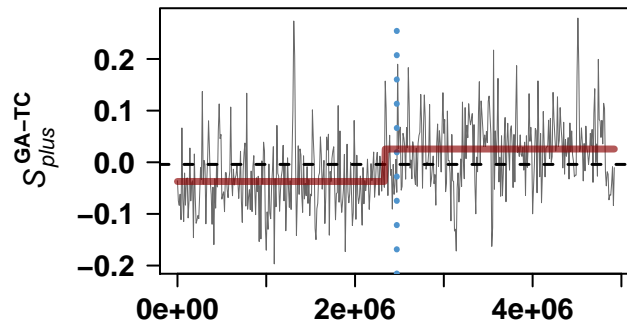


genome coordinates

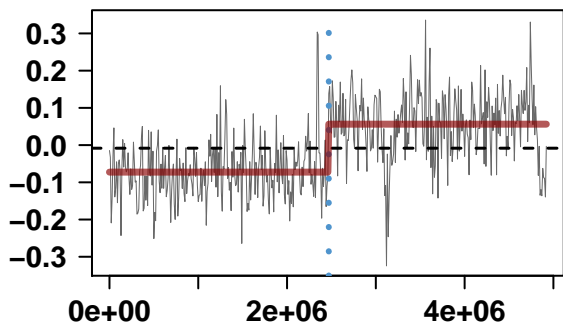
# Escherichia coli 536



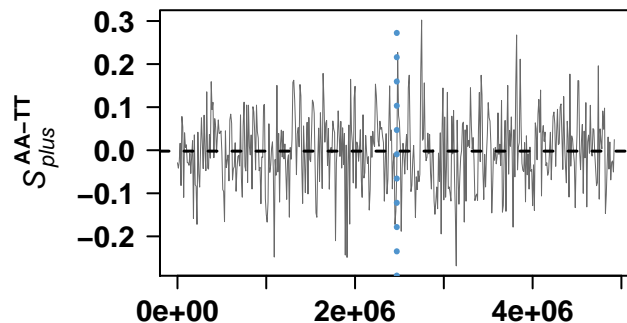
genome coordinates



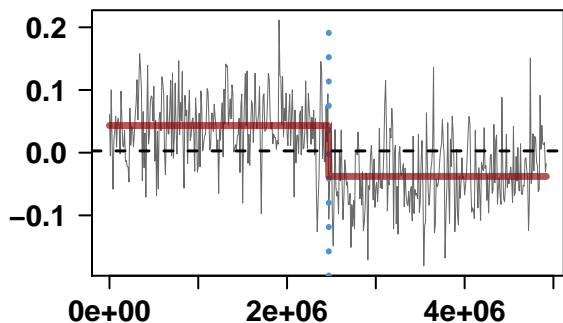
genome coordinates



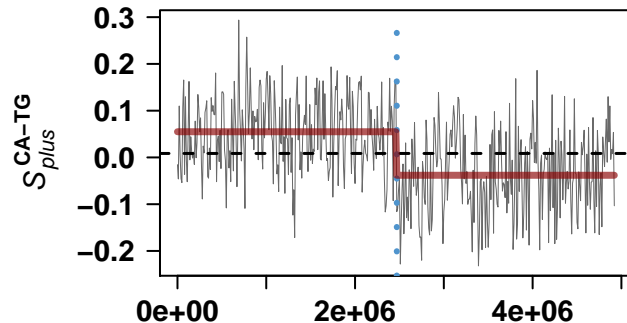
genome coordinates



genome coordinates

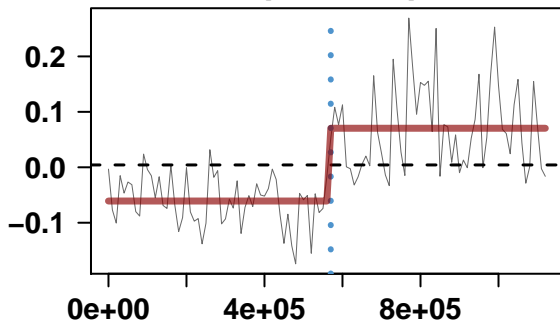


genome coordinates

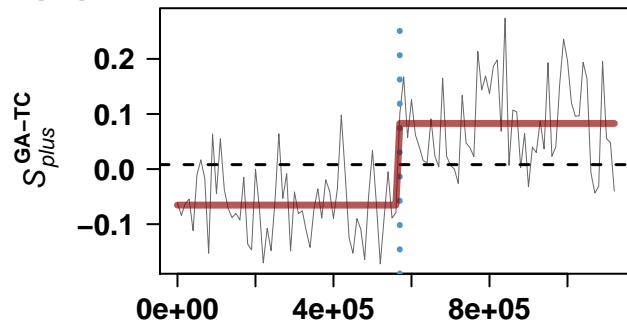


genome coordinates

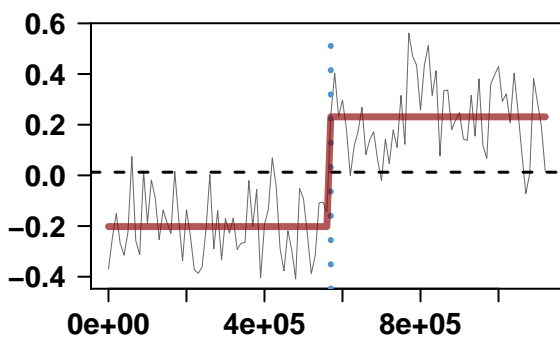
# Treponema pallidum subsp. pallidum str. Nichols



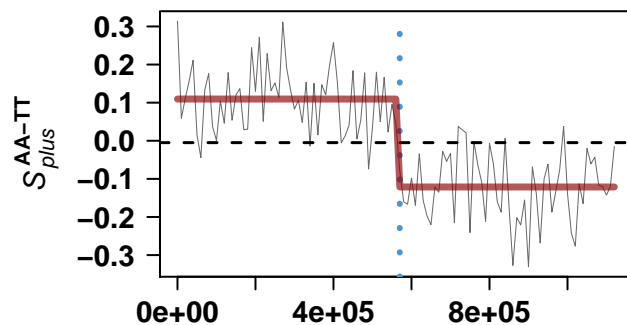
genome coordinates



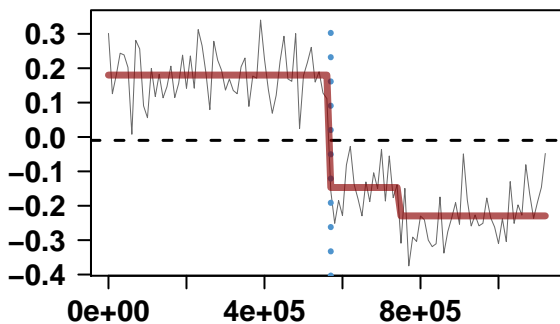
genome coordinates



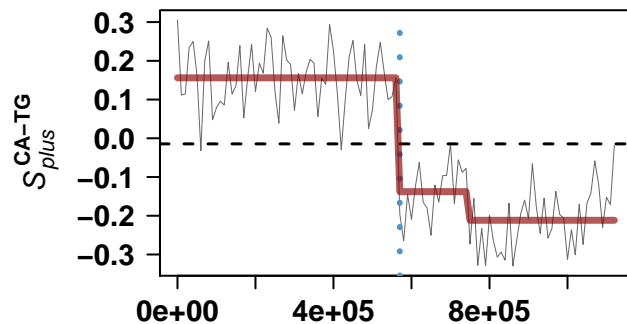
genome coordinates



genome coordinates

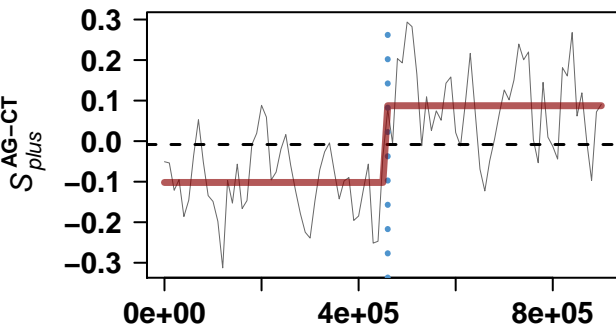


genome coordinates

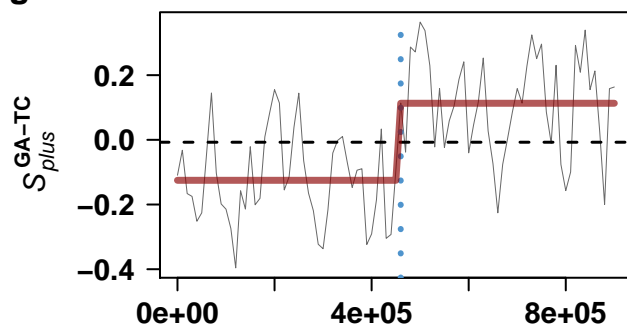


genome coordinates

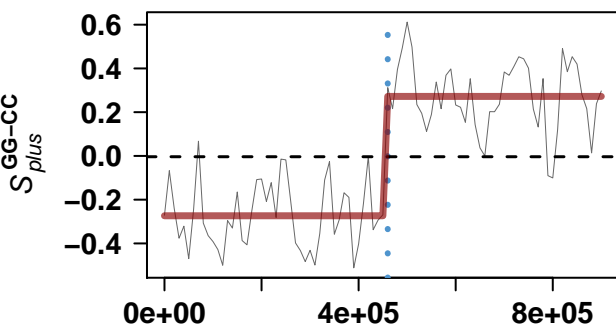
# *Borrelia burgdorferi* B31



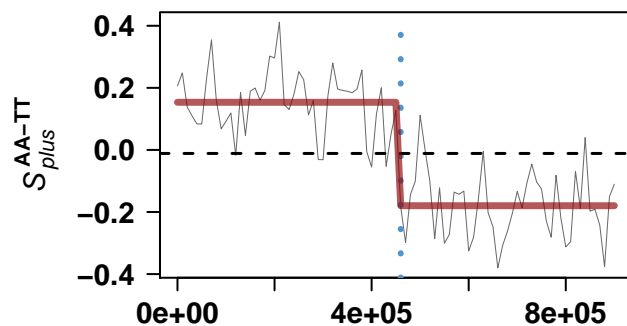
genome coordinates



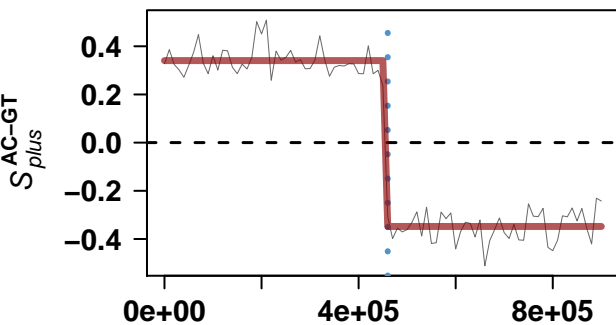
genome coordinates



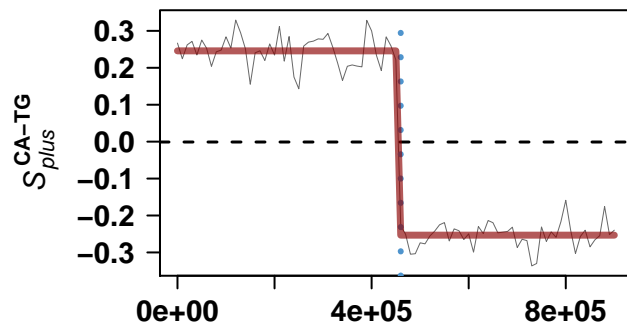
genome coordinates



genome coordinates

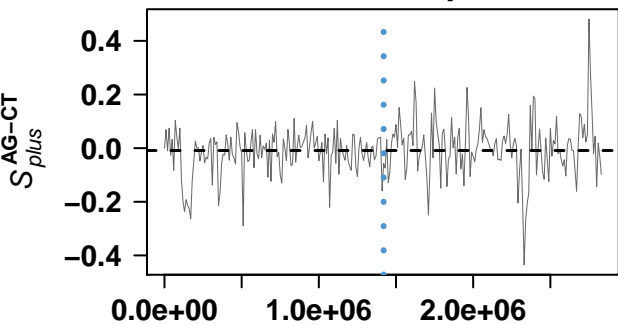


genome coordinates

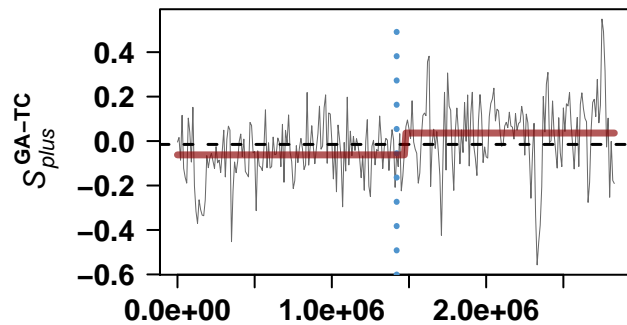


genome coordinates

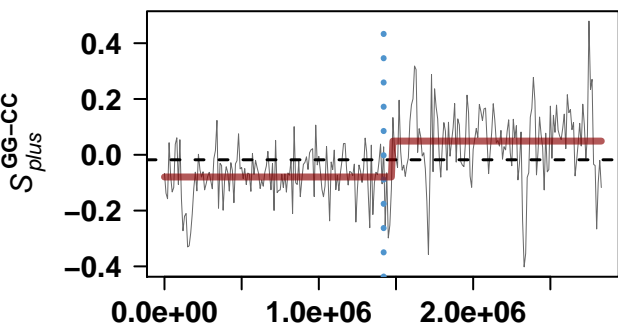
# Treponema denticola ATCC 35405



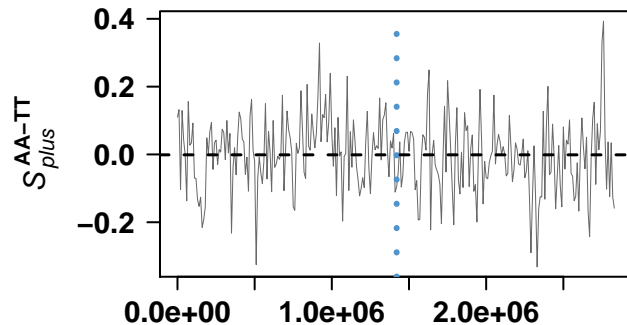
genome coordinates



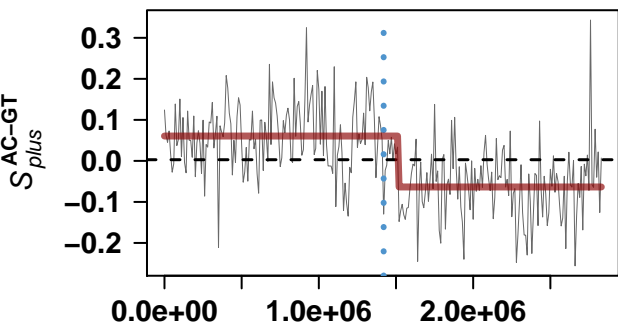
genome coordinates



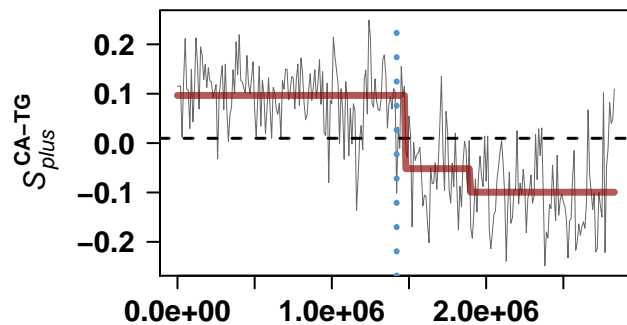
genome coordinates



genome coordinates

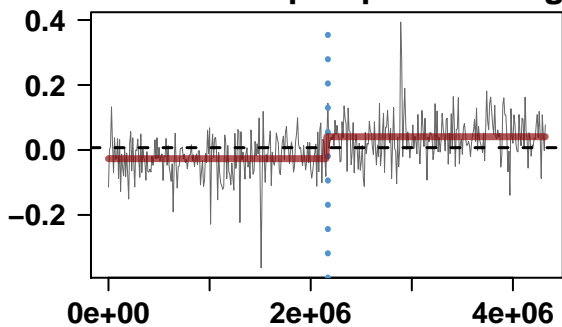


genome coordinates

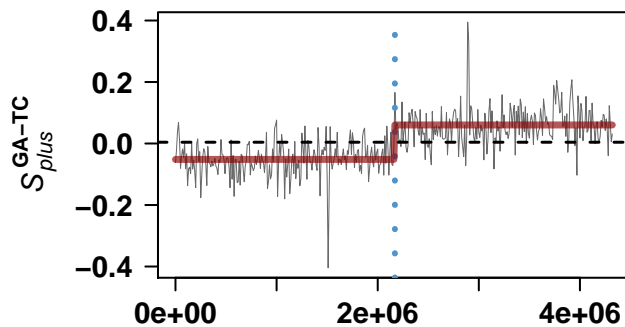


genome coordinates

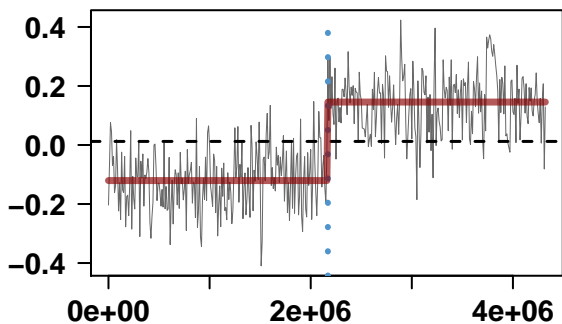
# Leptospira interrogans serovar Lai str. 56601



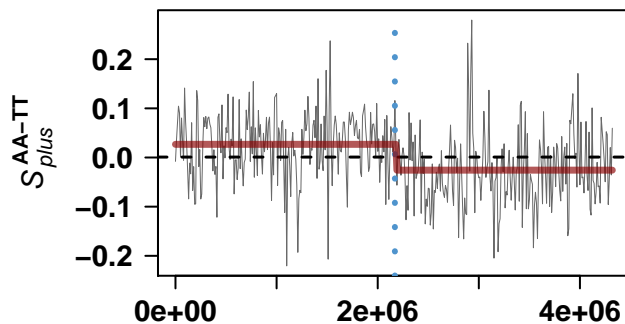
genome coordinates



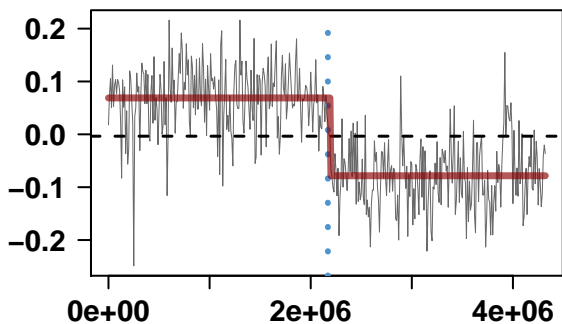
genome coordinates



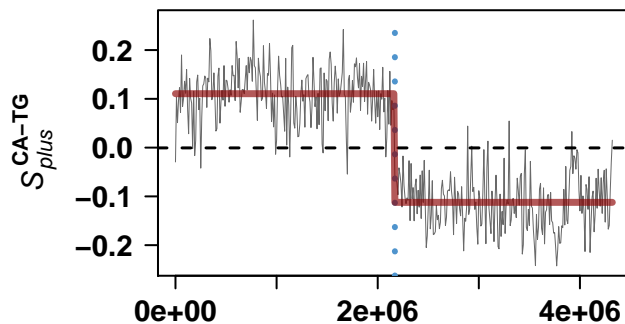
genome coordinates



genome coordinates

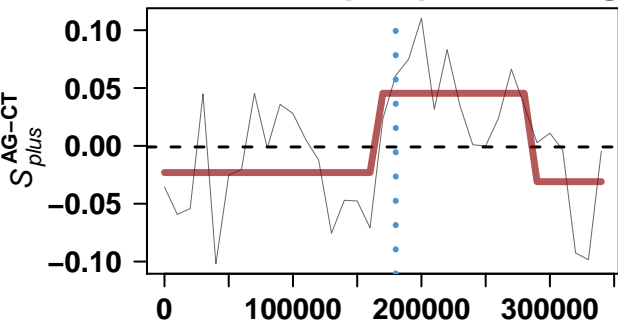


genome coordinates

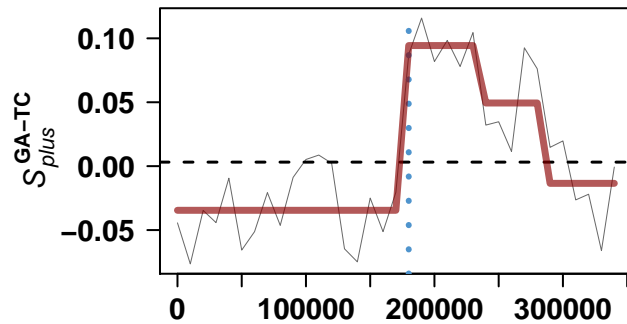


genome coordinates

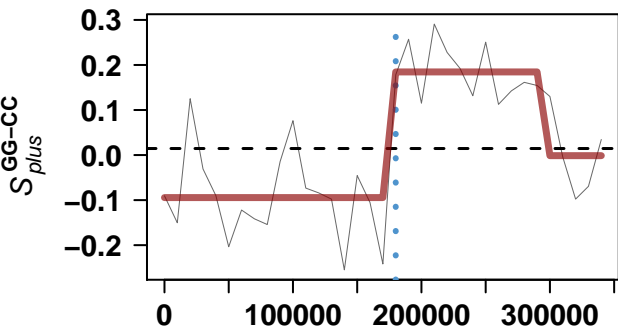
# Leptospira interrogans serovar Lai str. 56601



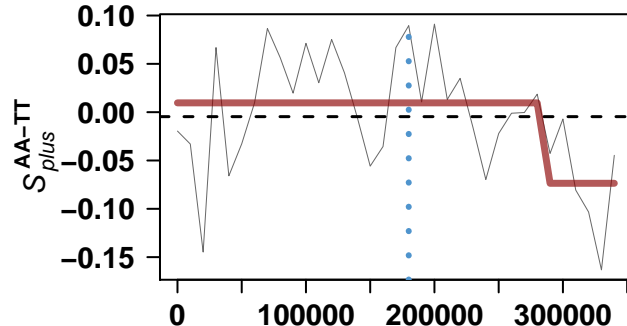
genome coordinates



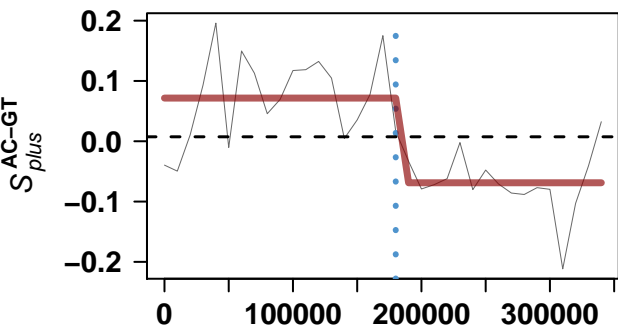
genome coordinates



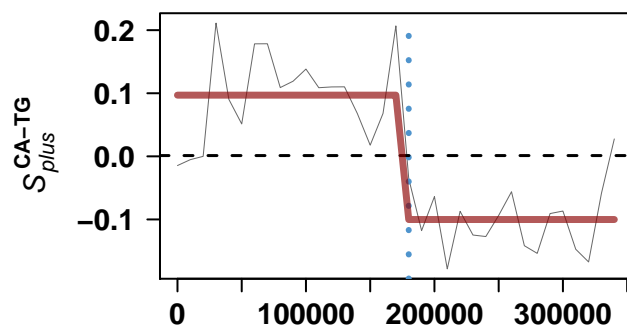
genome coordinates



genome coordinates

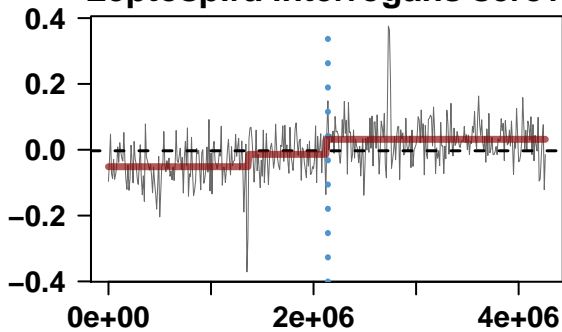


genome coordinates

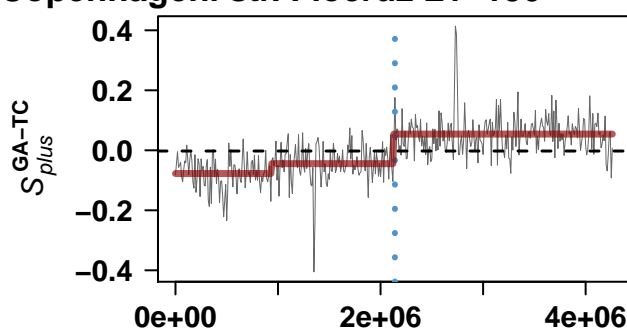


genome coordinates

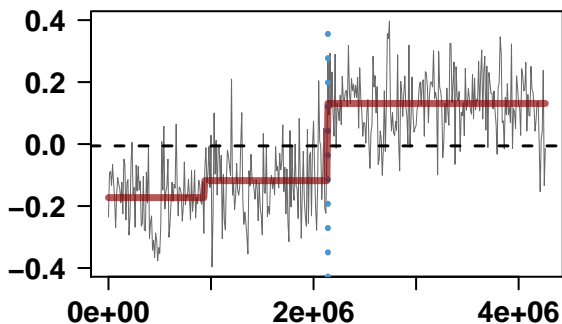
# *Leptospira interrogans* serovar Copenhageni str. Fiocruz L1-130



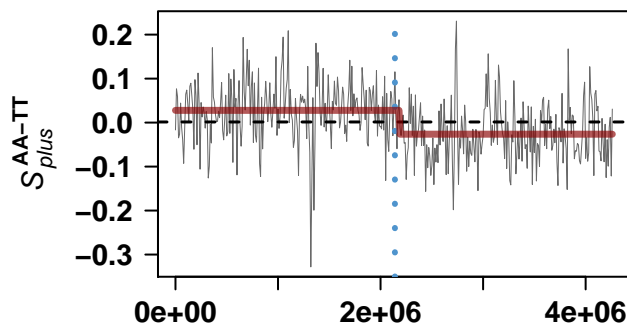
genome coordinates



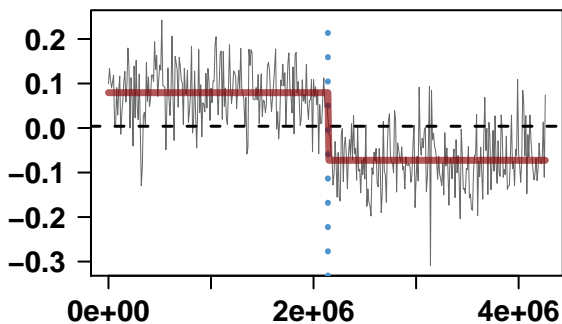
genome coordinates



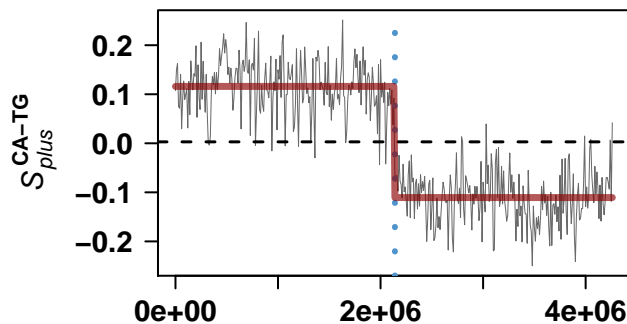
genome coordinates



genome coordinates

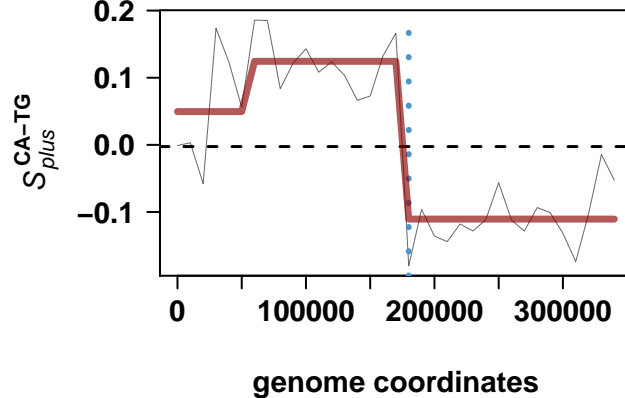
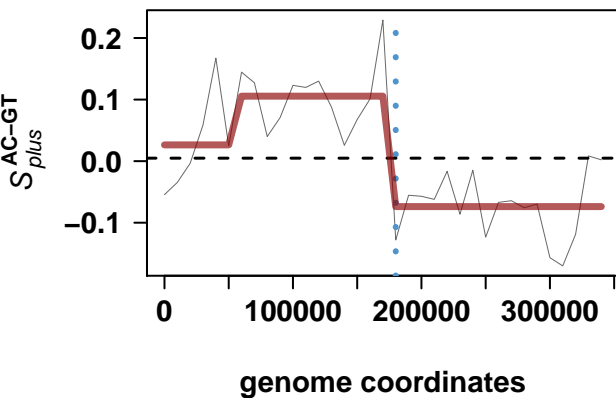
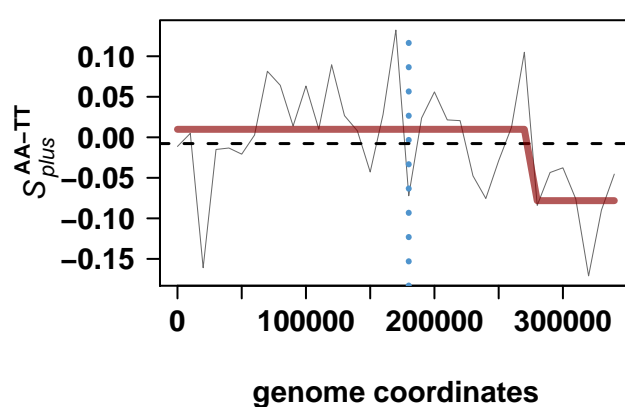
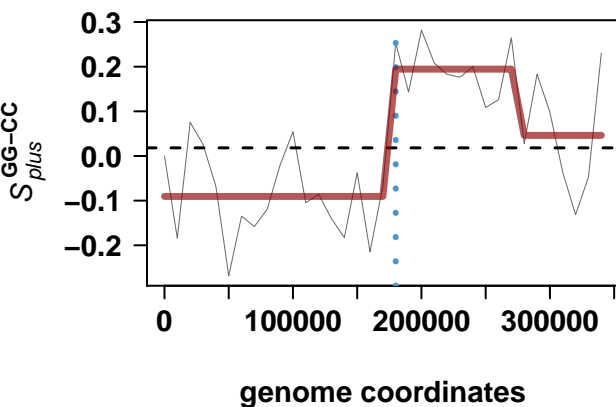
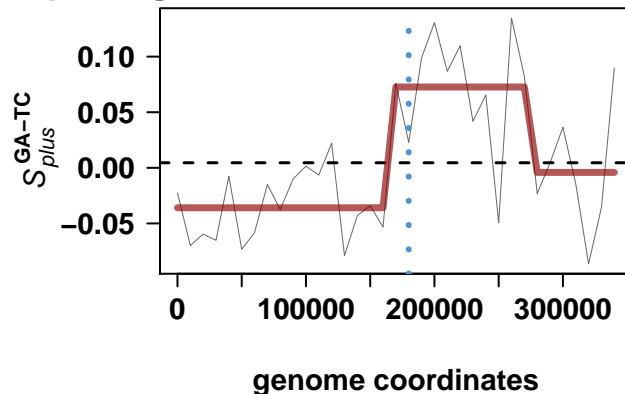
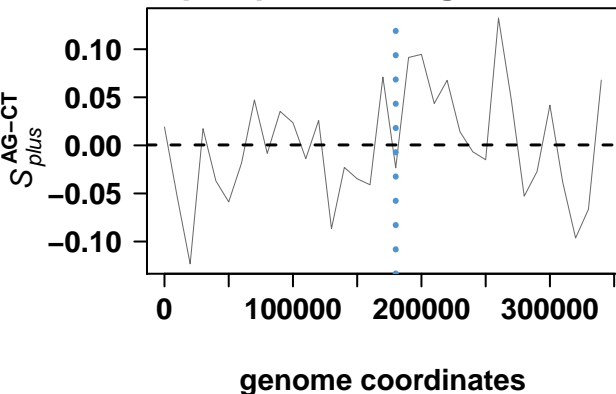


genome coordinates

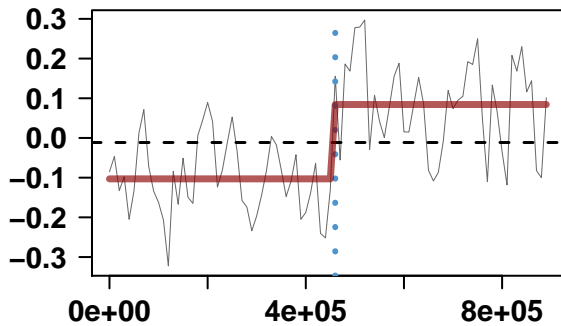


genome coordinates

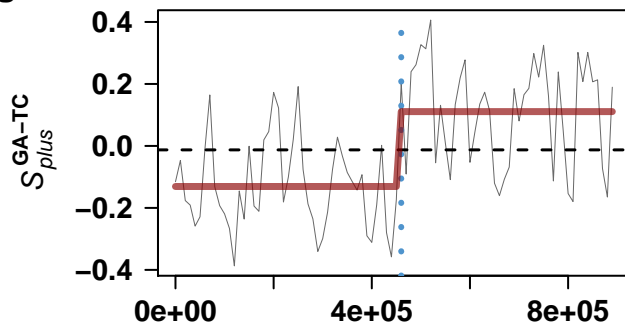
# Leptospira interrogans serovar Copenhageni str. Fiocruz L1-130



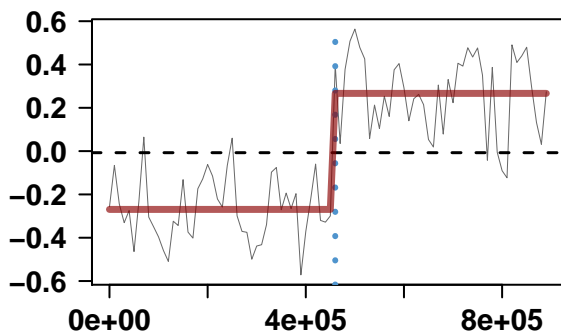
# Borrelia garinii PBI



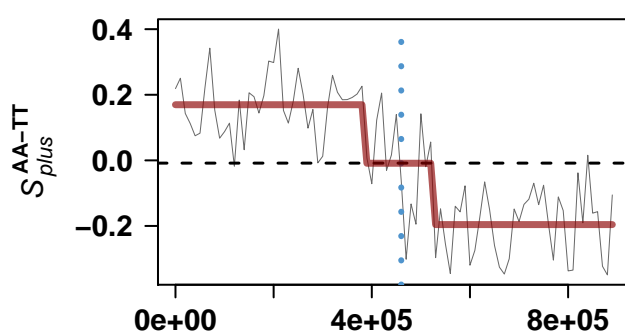
genome coordinates



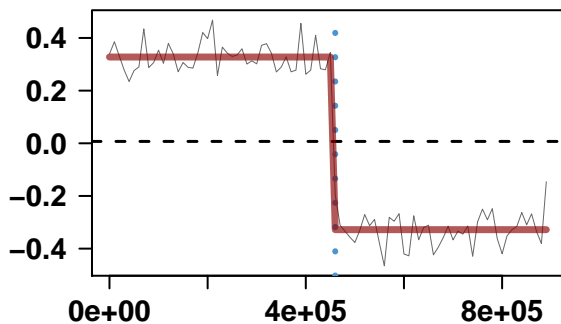
genome coordinates



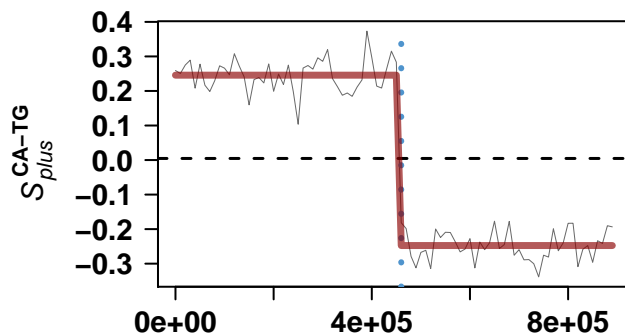
genome coordinates



genome coordinates

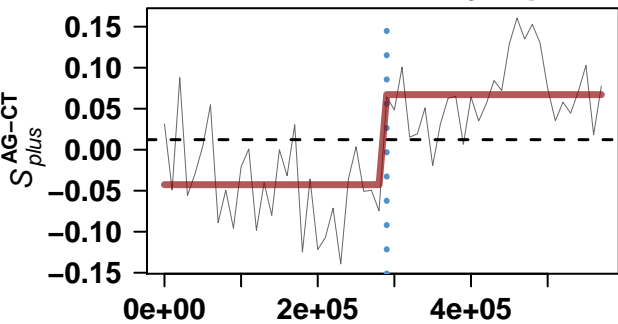


genome coordinates

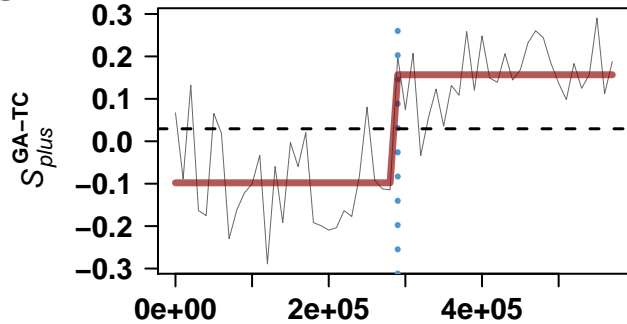


genome coordinates

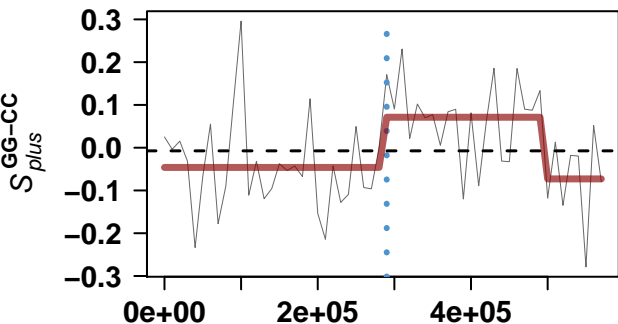
# Mycoplasma genitalium G37



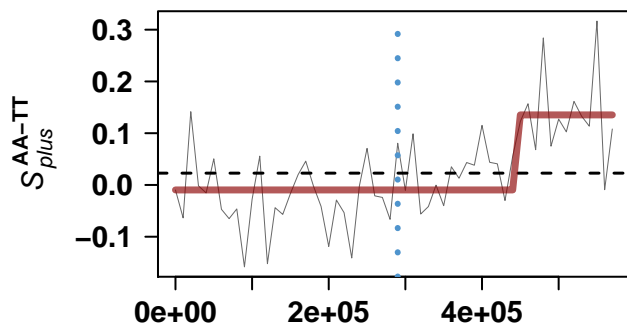
genome coordinates



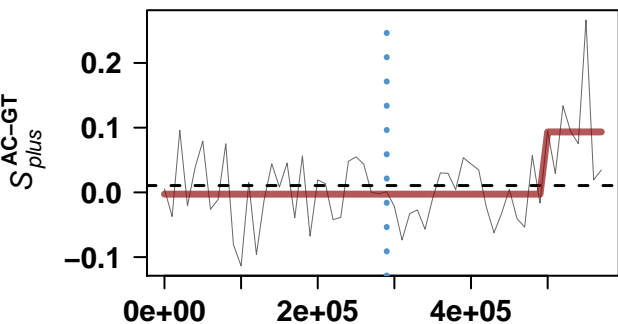
genome coordinates



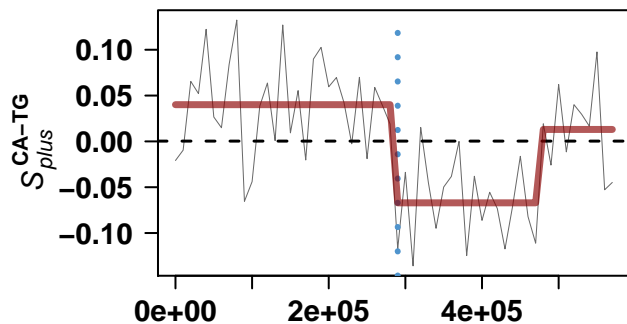
genome coordinates



genome coordinates

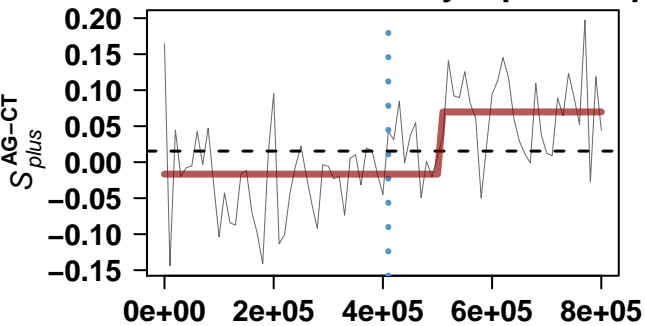


genome coordinates

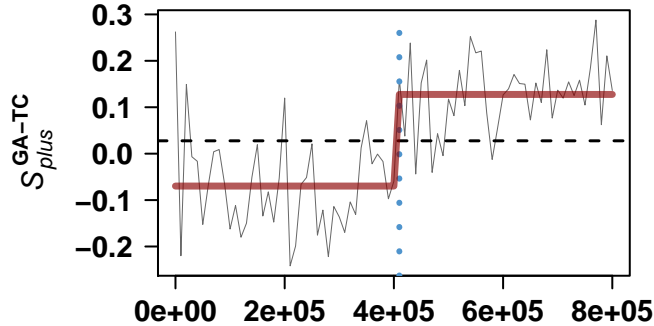


genome coordinates

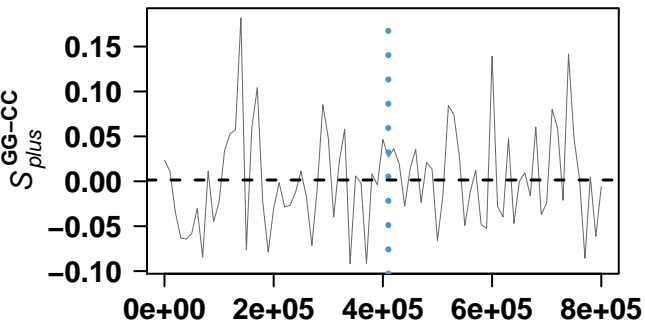
# Mycoplasma pneumoniae M129



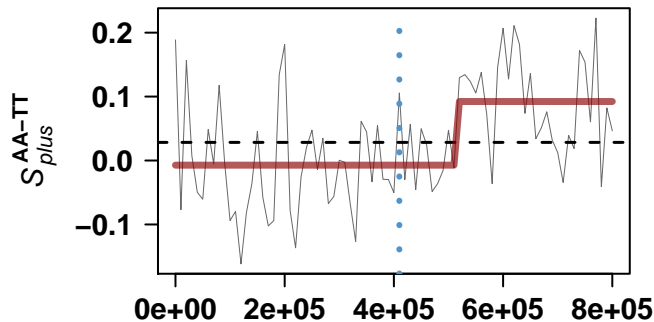
genome coordinates



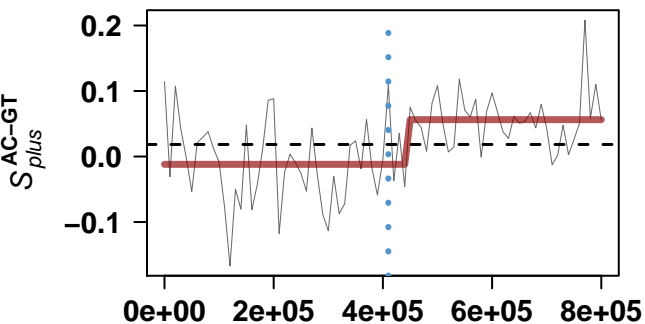
genome coordinates



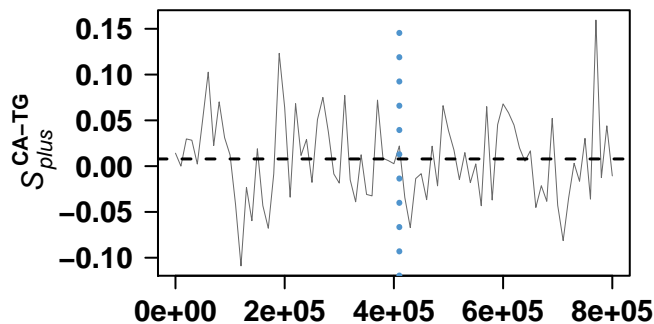
genome coordinates



genome coordinates

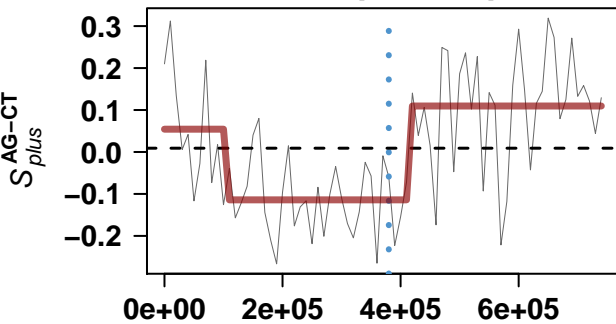


genome coordinates

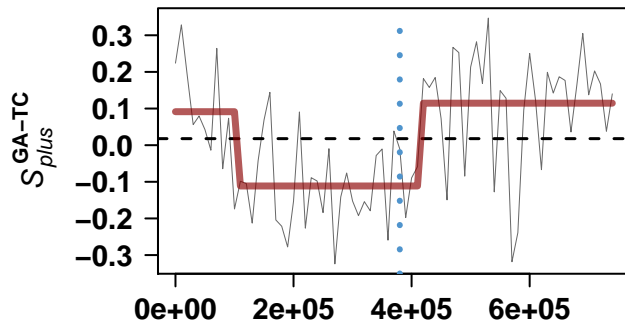


genome coordinates

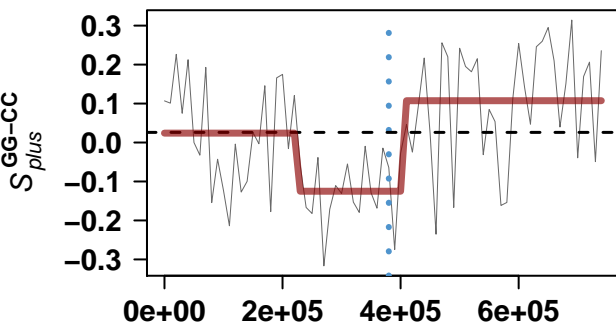
# Ureaplasma parvum serovar 3 str. ATCC 700970



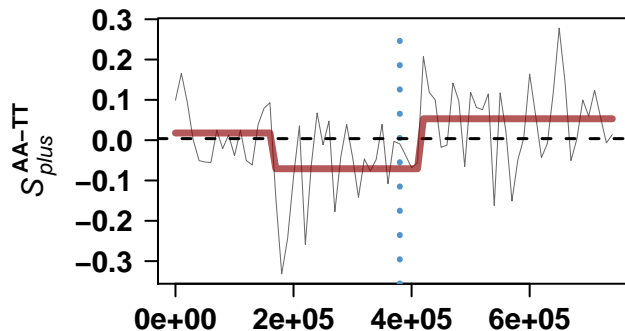
genome coordinates



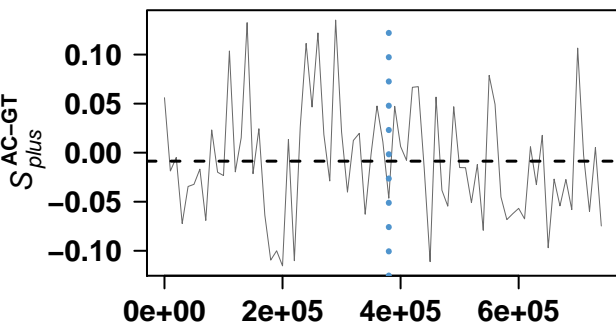
genome coordinates



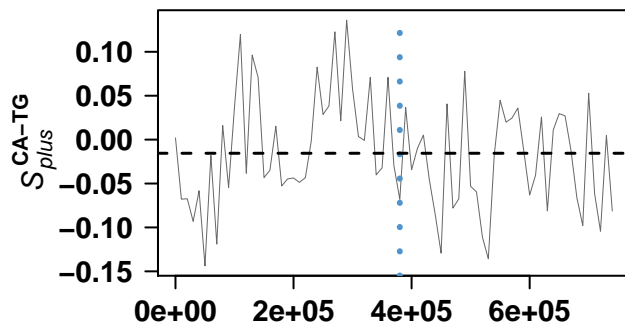
genome coordinates



genome coordinates

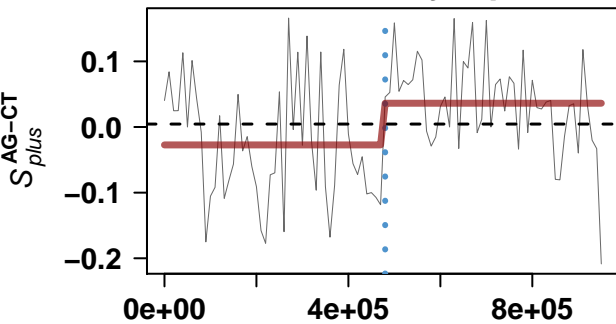


genome coordinates

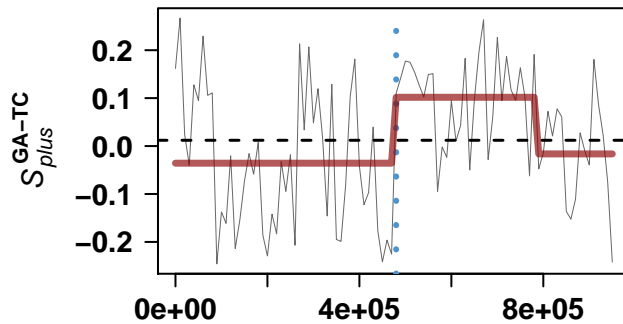


genome coordinates

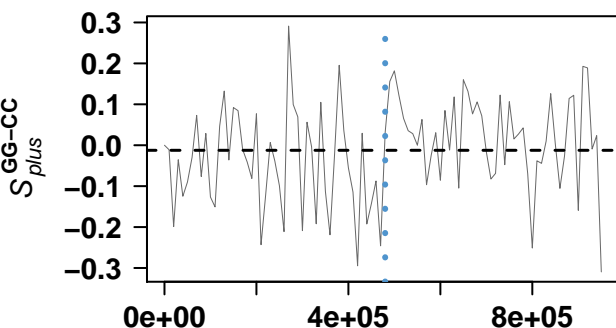
# Mycoplasma pulmonis UAB CTIP



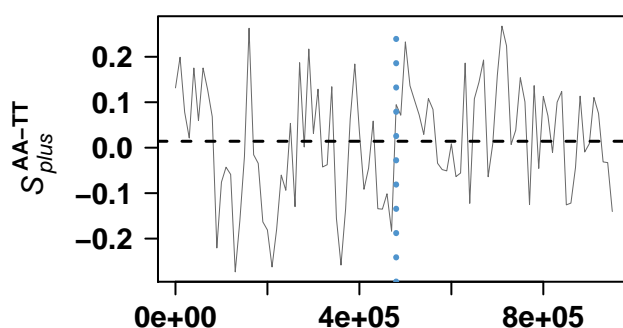
genome coordinates



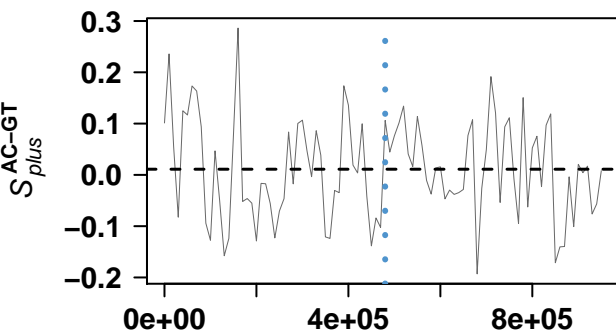
genome coordinates



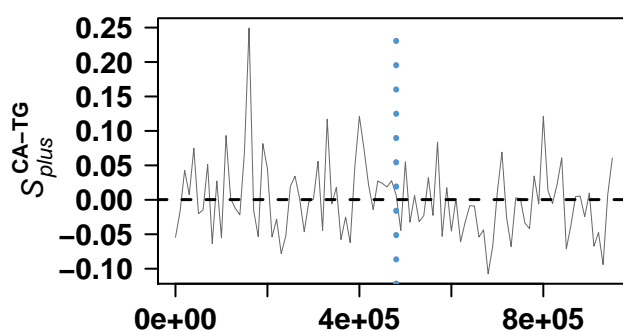
genome coordinates



genome coordinates

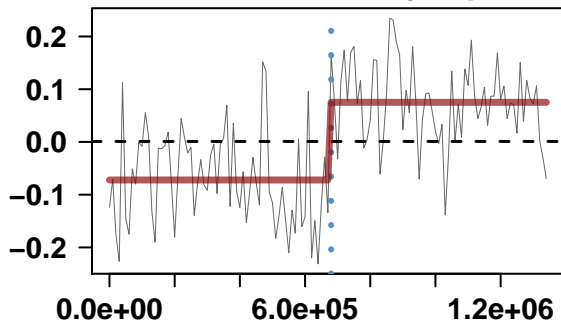


genome coordinates

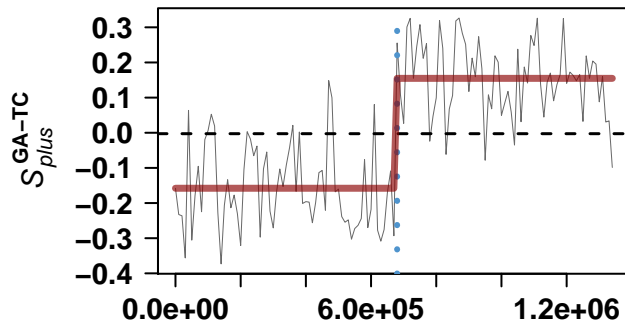


genome coordinates

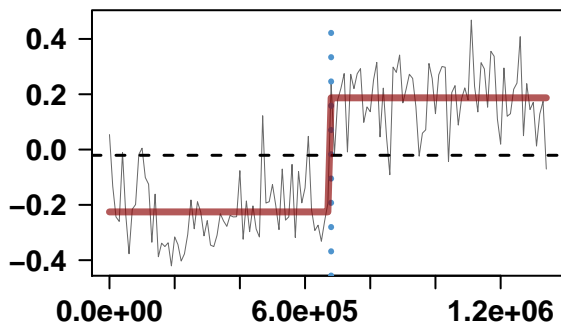
# Mycoplasma penetrans HF-2



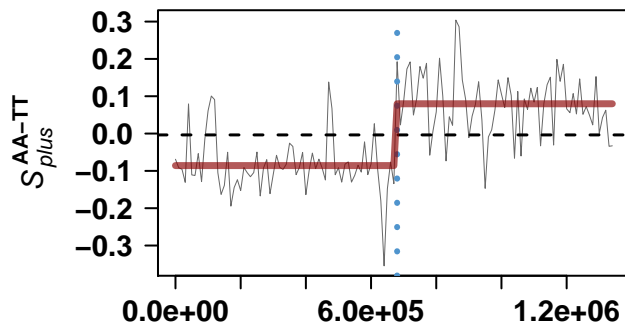
genome coordinates



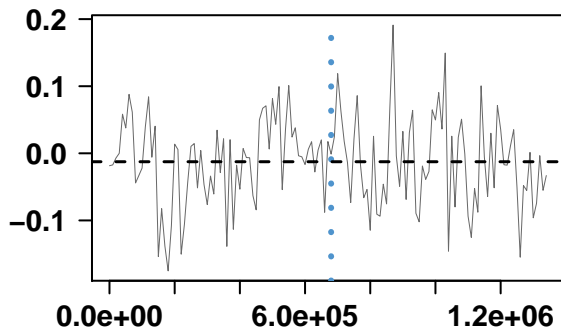
genome coordinates



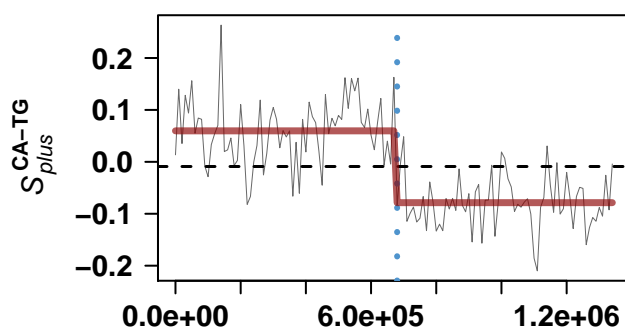
genome coordinates



genome coordinates

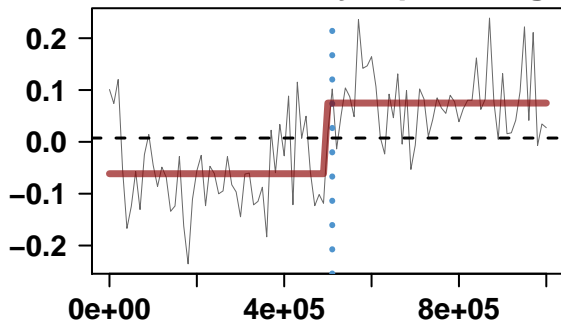


genome coordinates

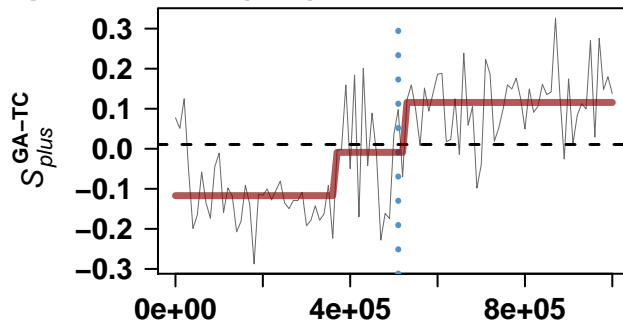


genome coordinates

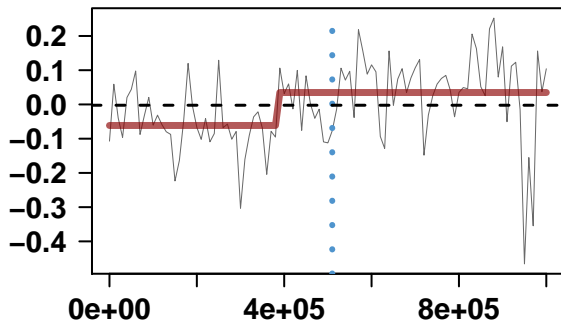
# Mycoplasma gallisepticum str. R(low)



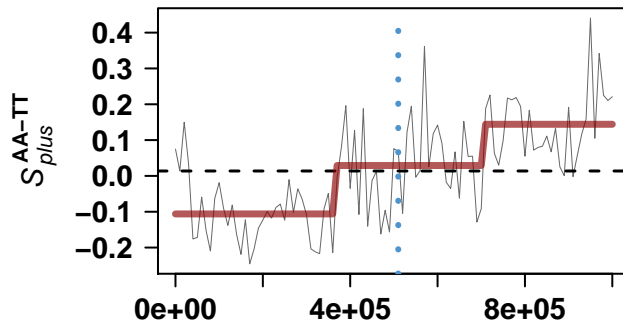
genome coordinates



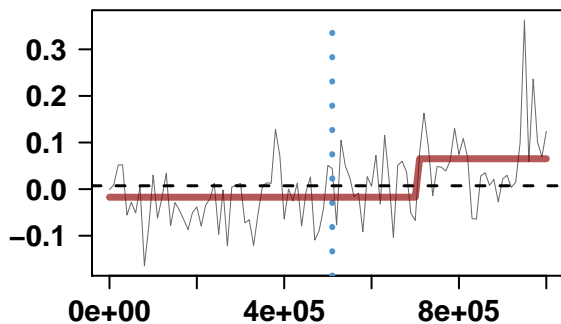
genome coordinates



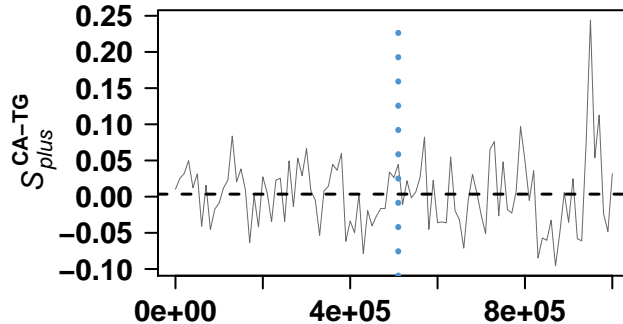
genome coordinates



genome coordinates

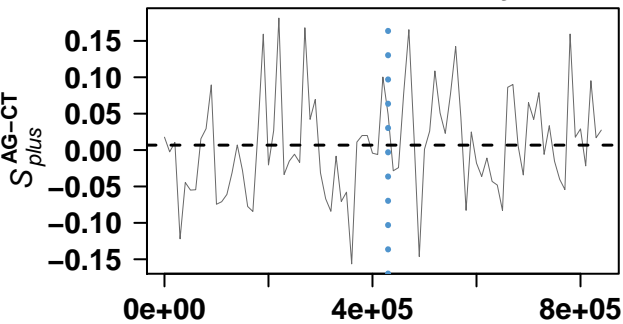


genome coordinates

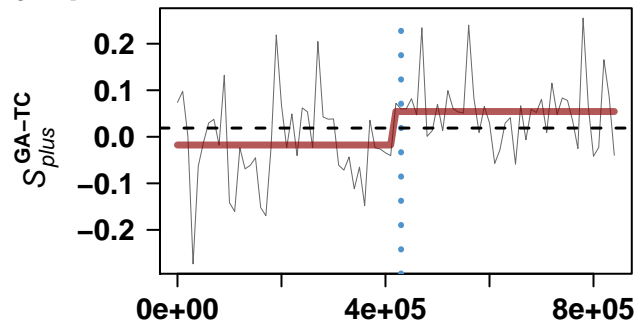


genome coordinates

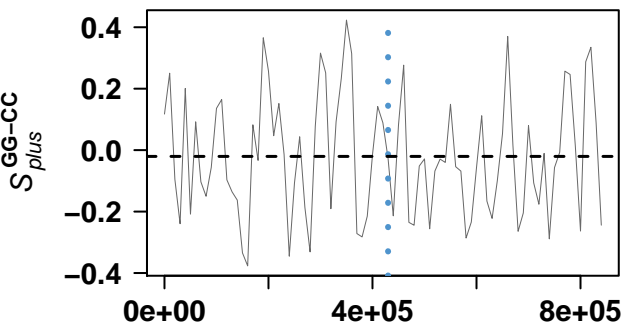
# Onion yellows phytoplasma OY-M



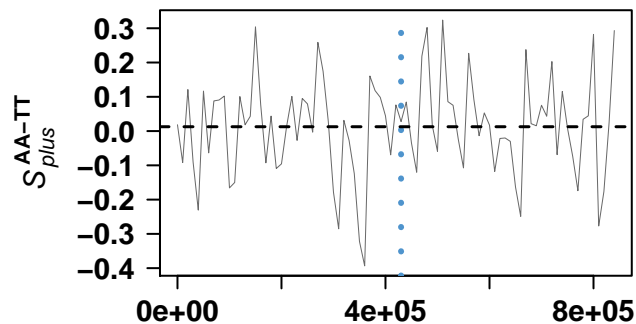
genome coordinates



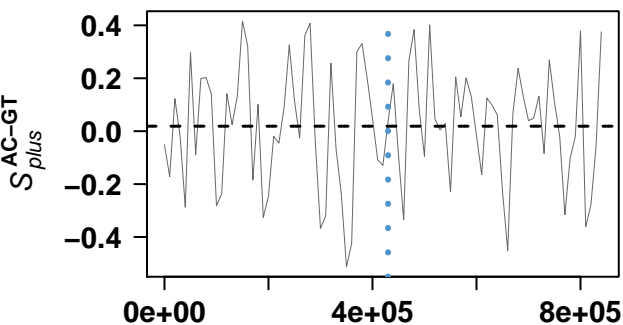
genome coordinates



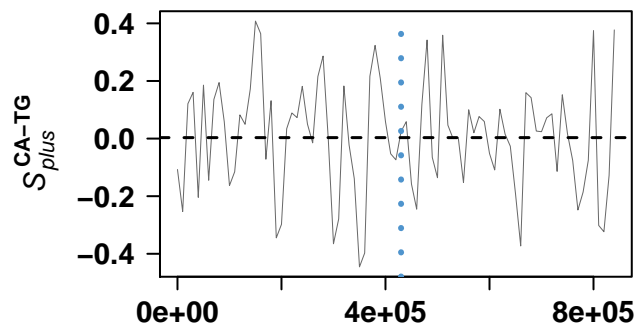
genome coordinates



genome coordinates

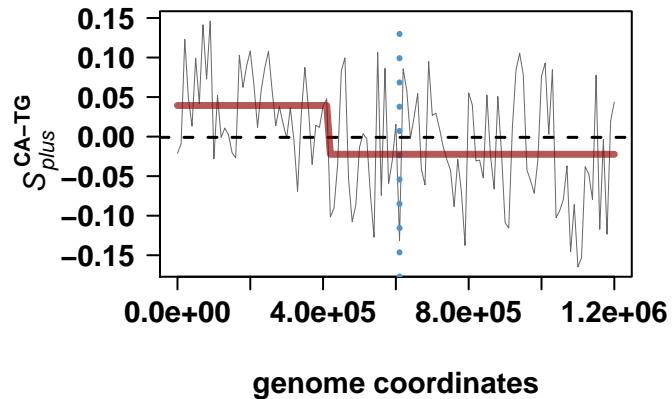
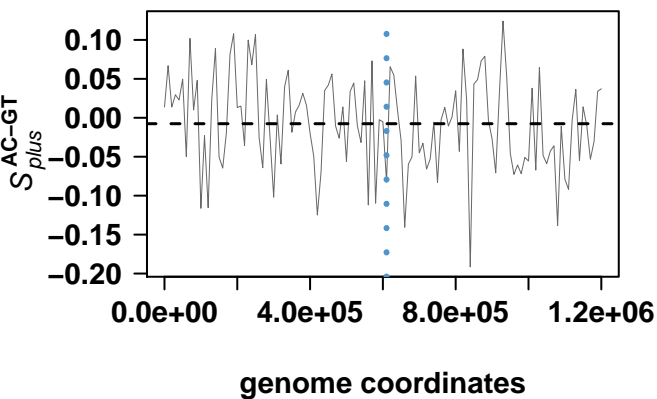
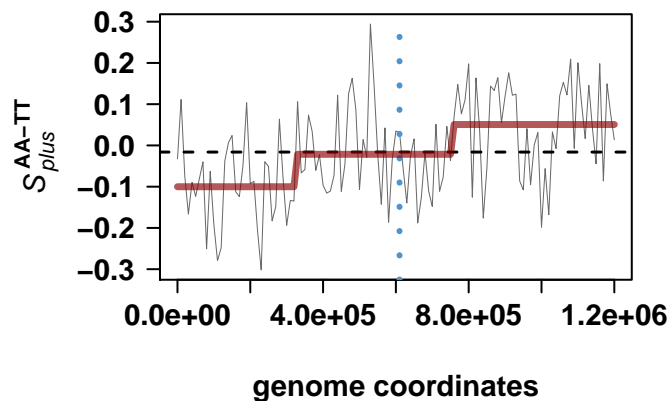
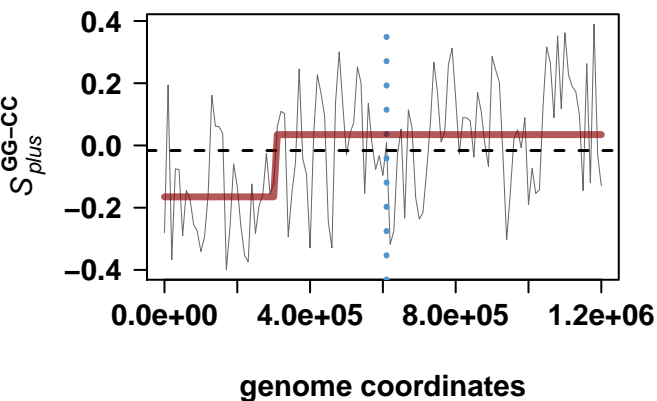
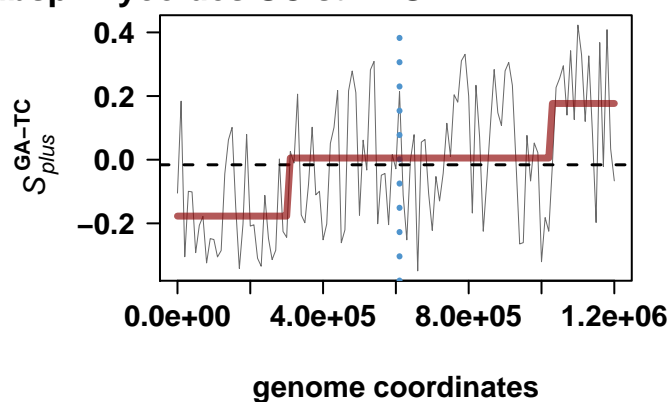
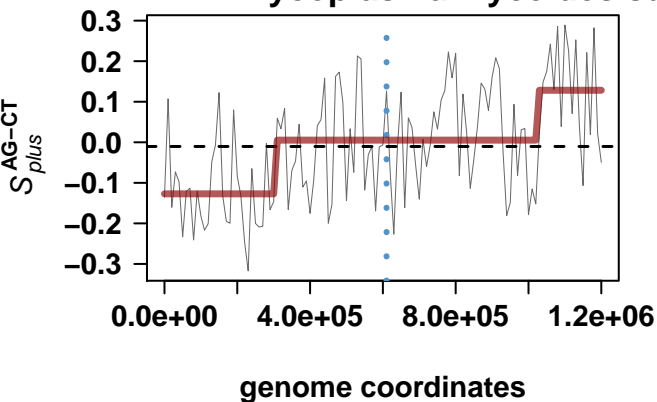


genome coordinates

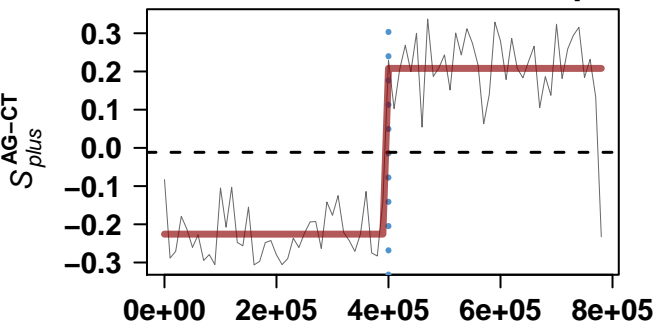


genome coordinates

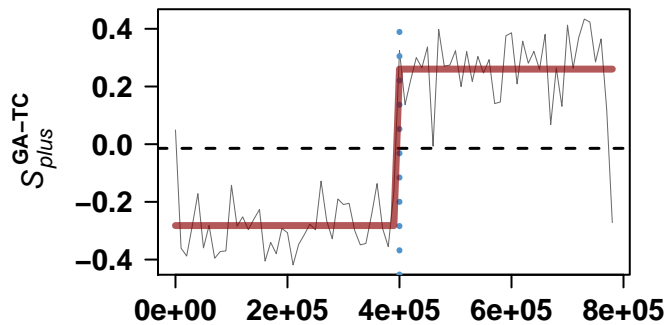
# *Mycoplasma mycoides* subsp. *mycoides* SC str. PG1



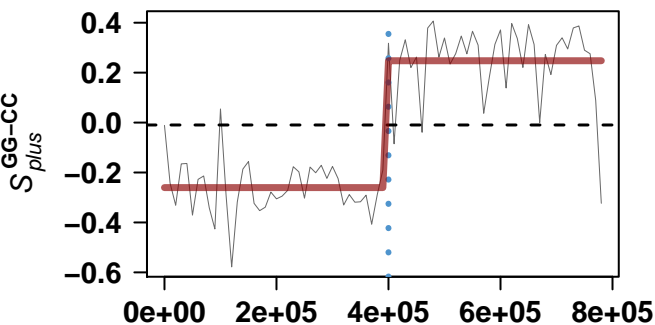
# Mesoplasma florum L1



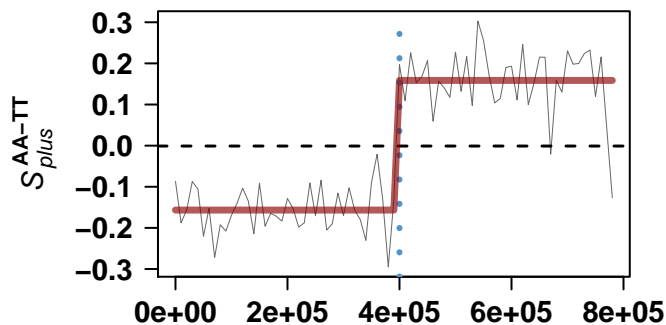
genome coordinates



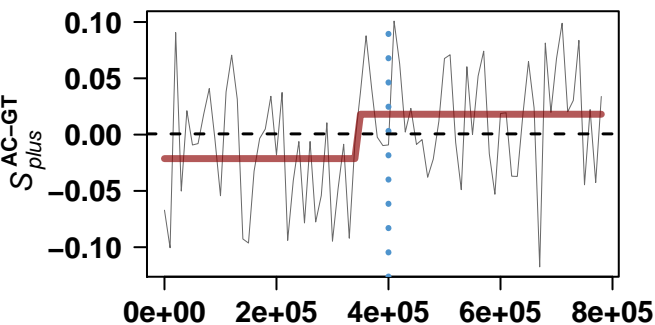
genome coordinates



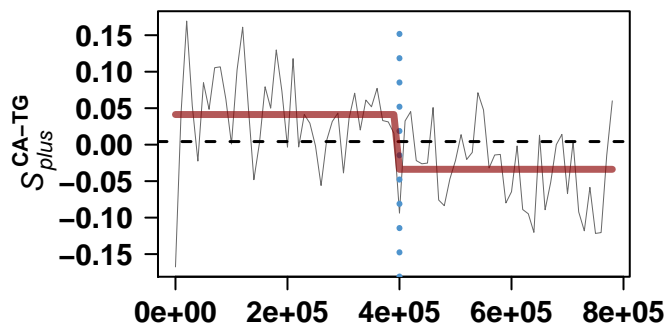
genome coordinates



genome coordinates

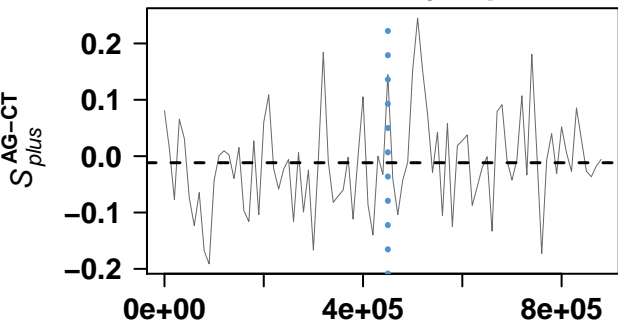


genome coordinates

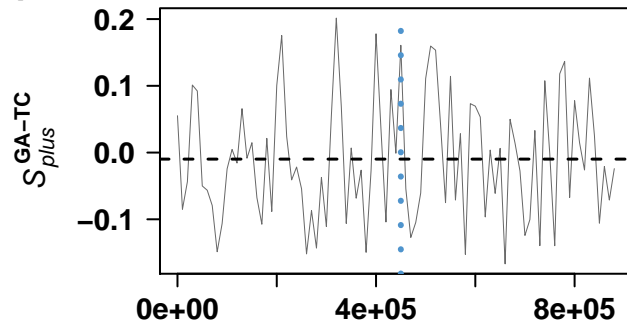


genome coordinates

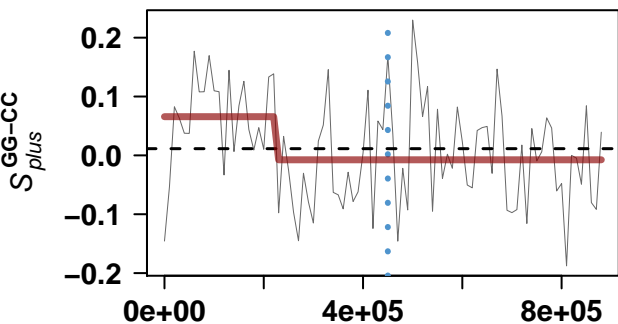
# Mycoplasma hyopneumoniae 232



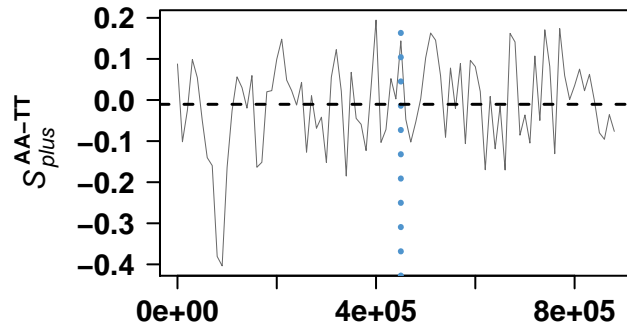
genome coordinates



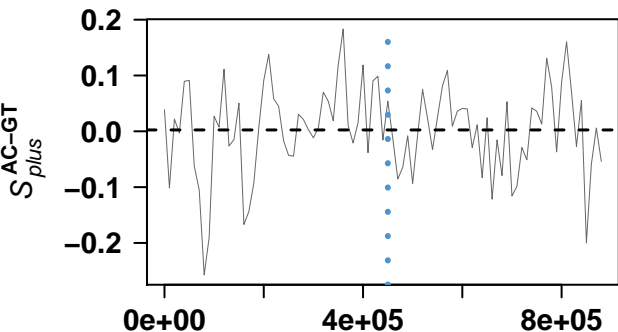
genome coordinates



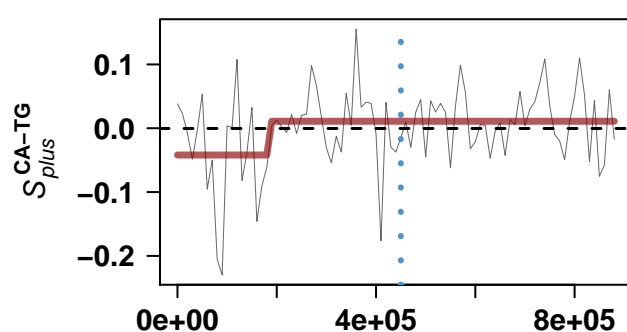
genome coordinates



genome coordinates

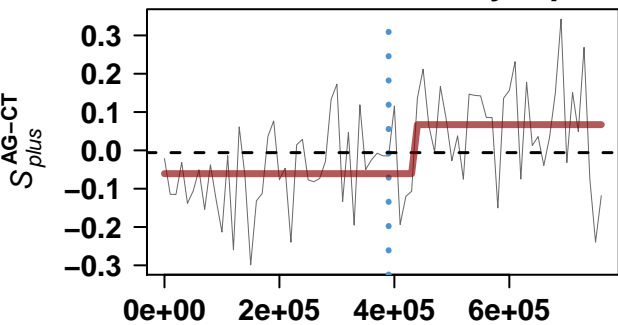


genome coordinates

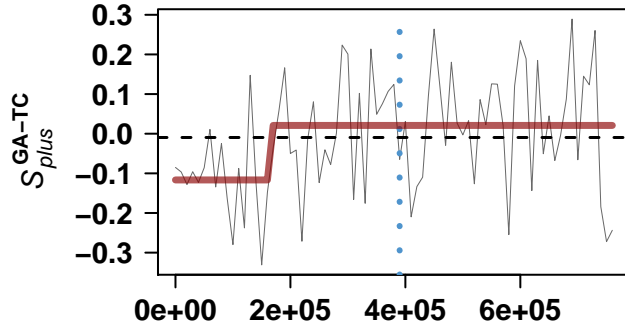


genome coordinates

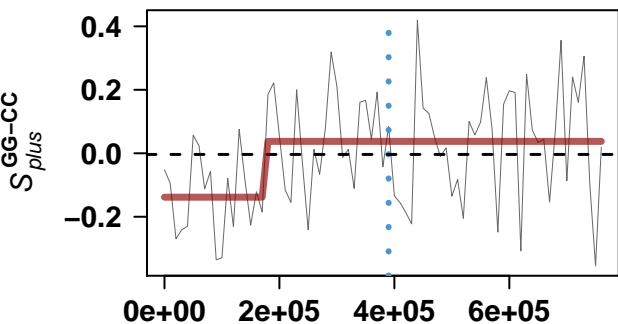
# Mycoplasma mobile 163K



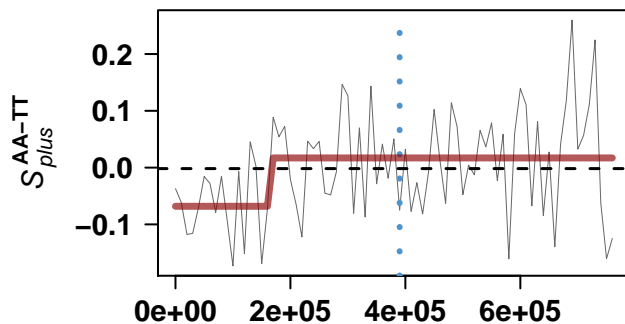
genome coordinates



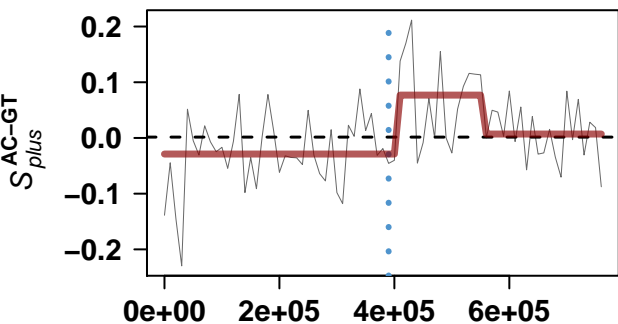
genome coordinates



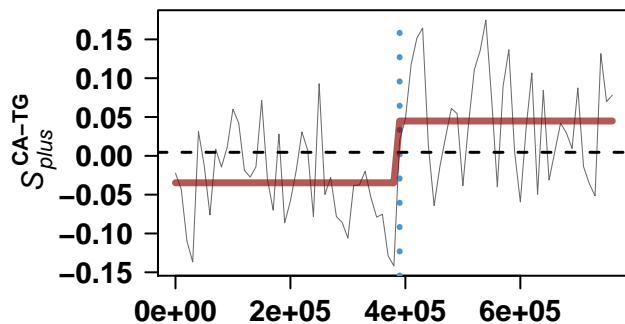
genome coordinates



genome coordinates

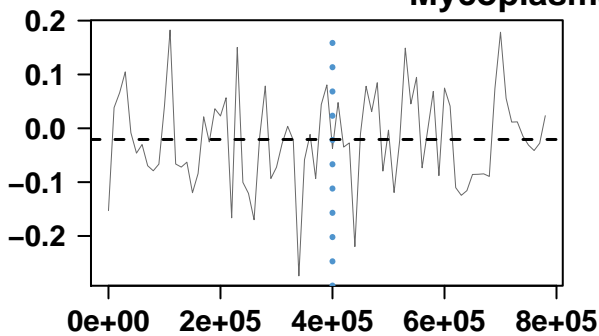


genome coordinates

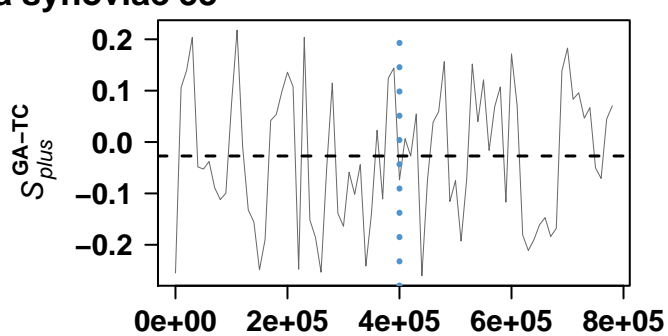


genome coordinates

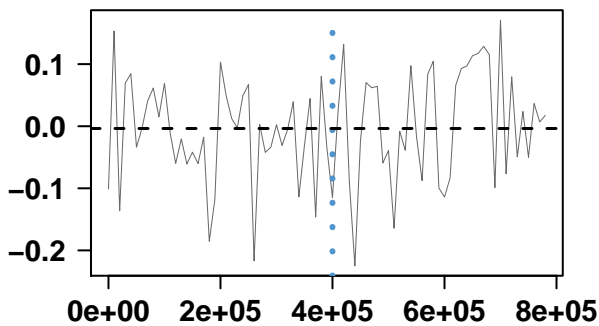
# *Mycoplasma synoviae* 53



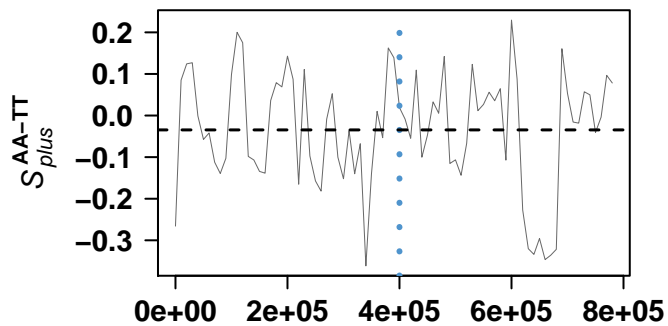
genome coordinates



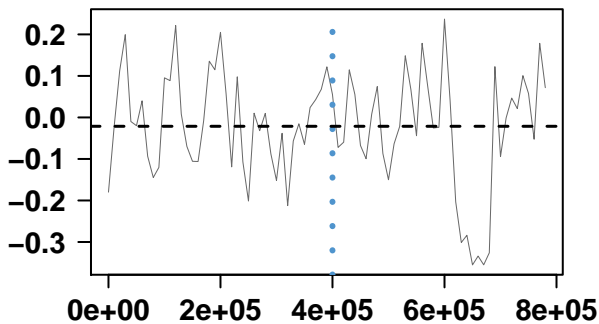
genome coordinates



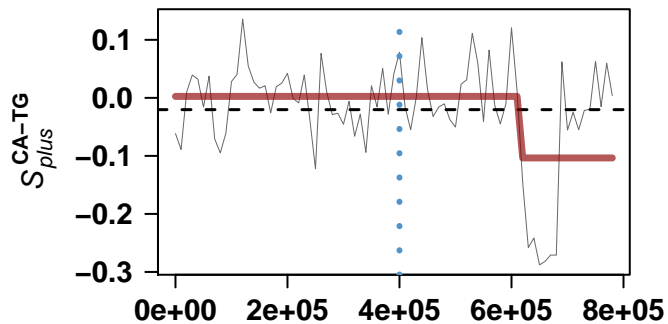
genome coordinates



genome coordinates

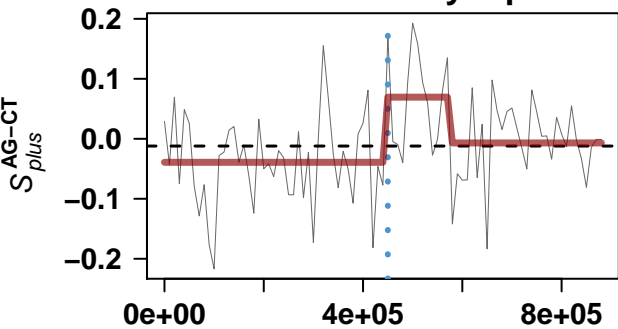


genome coordinates

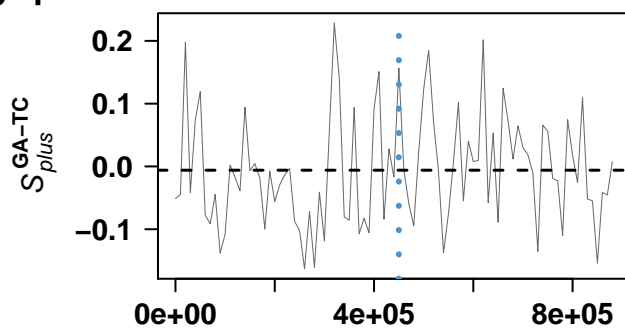


genome coordinates

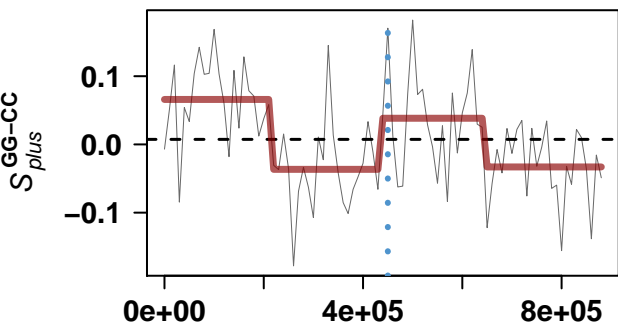
# Mycoplasma hyopneumoniae J



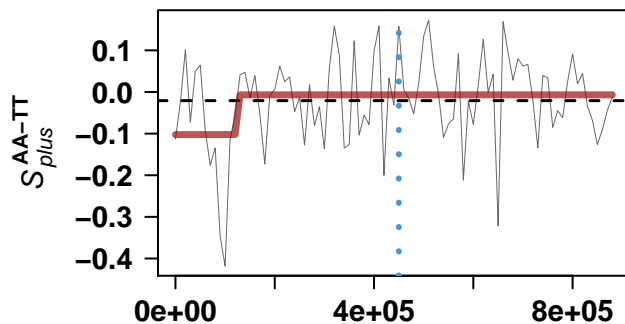
genome coordinates



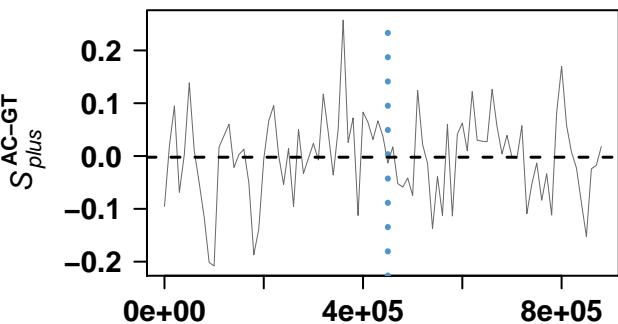
genome coordinates



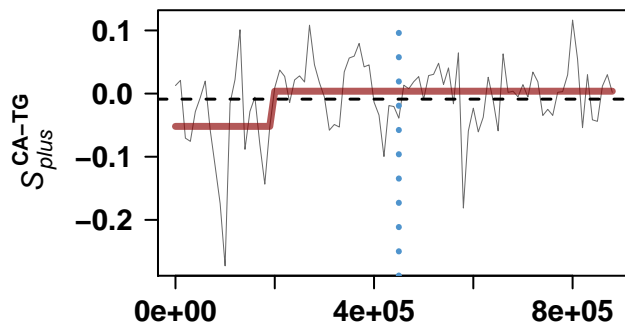
genome coordinates



genome coordinates

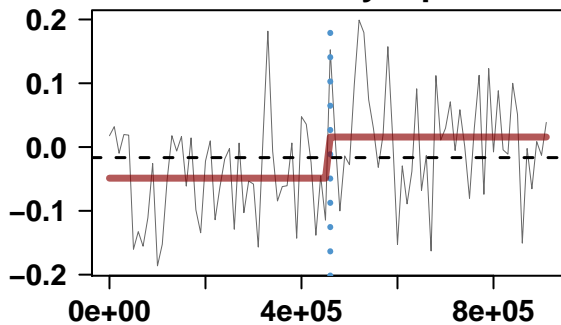


genome coordinates

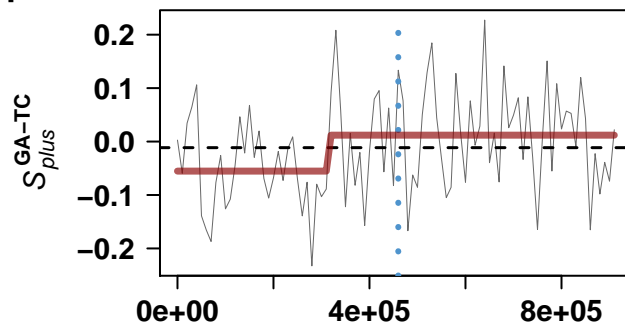


genome coordinates

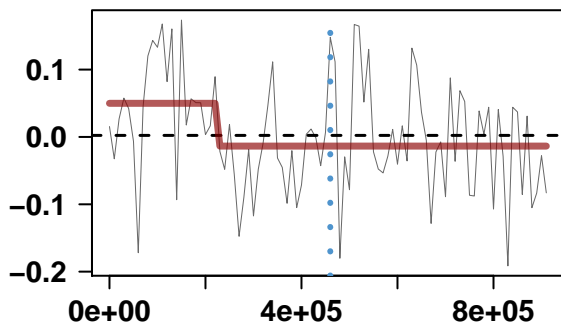
# Mycoplasma hyopneumoniae 7448



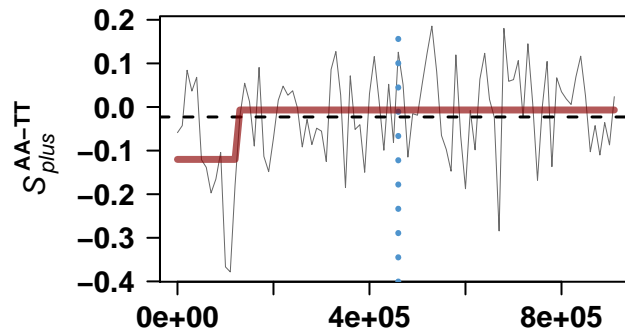
genome coordinates



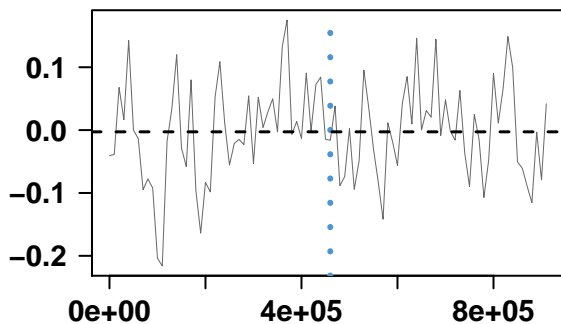
genome coordinates



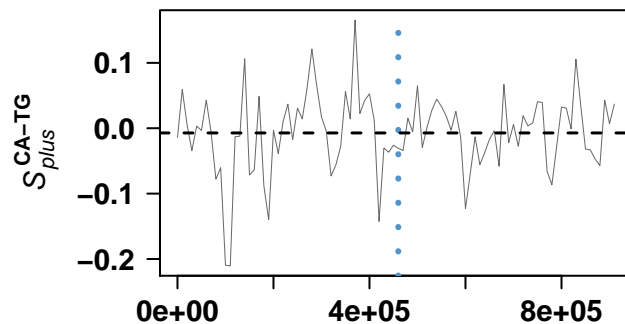
genome coordinates



genome coordinates

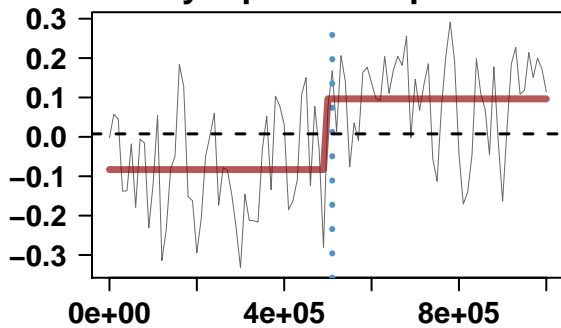


genome coordinates

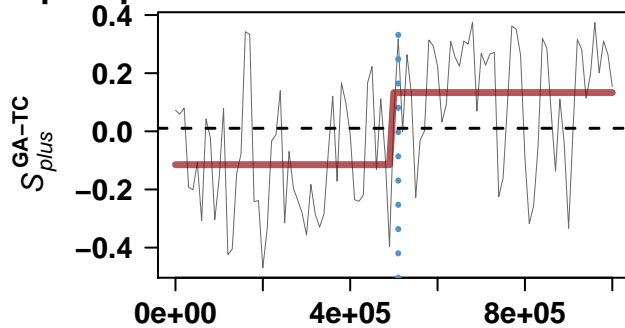


genome coordinates

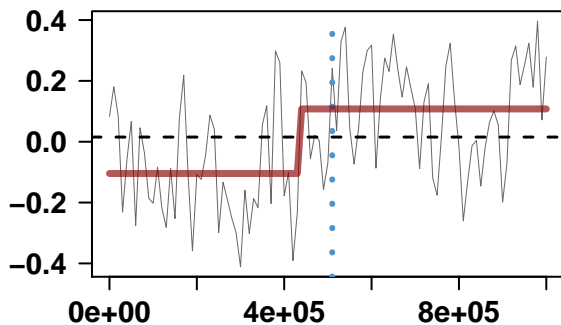
# *Mycoplasma capricolum* subsp. *capricolum* ATCC 27343



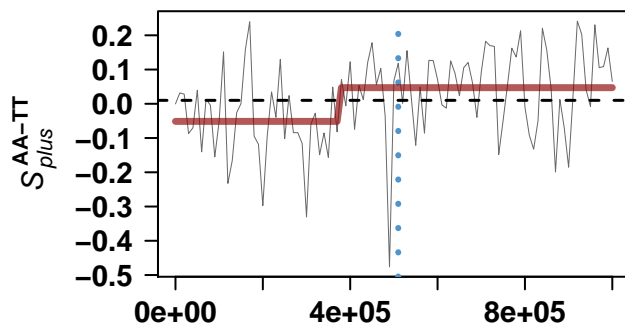
genome coordinates



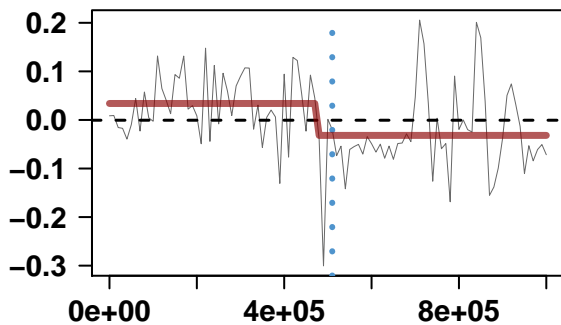
genome coordinates



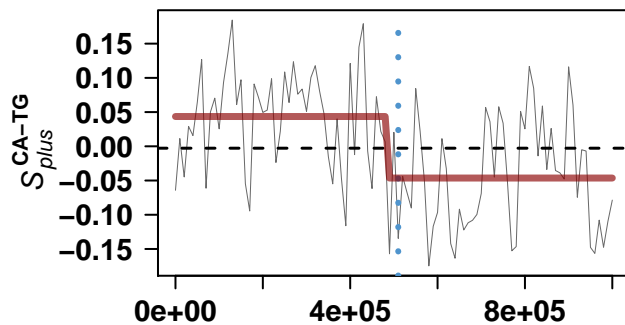
genome coordinates



genome coordinates

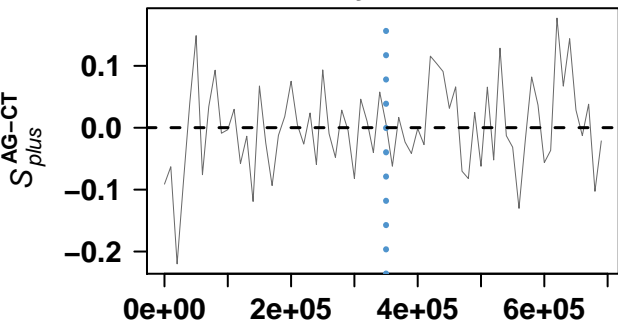


genome coordinates

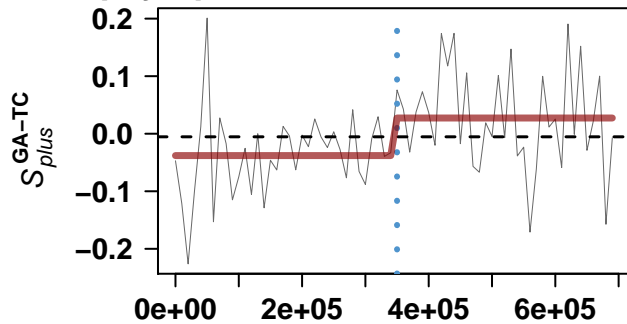


genome coordinates

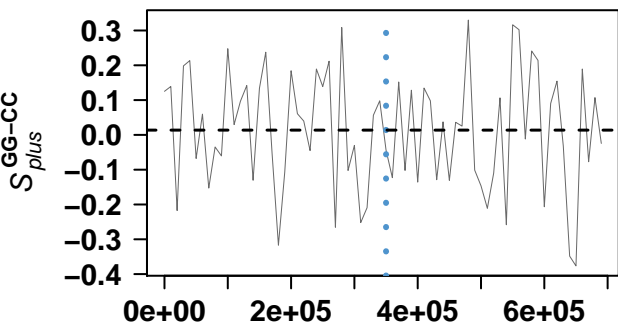
# Aster yellows witches'-broom phytoplasma AYWB



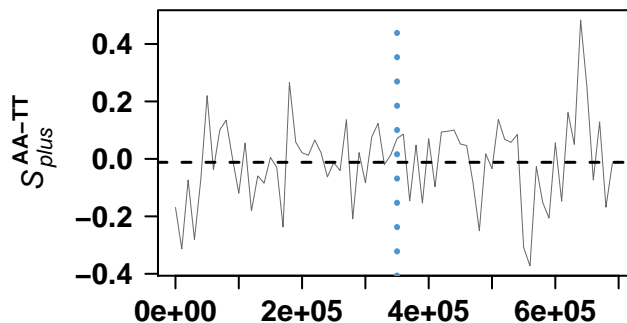
genome coordinates



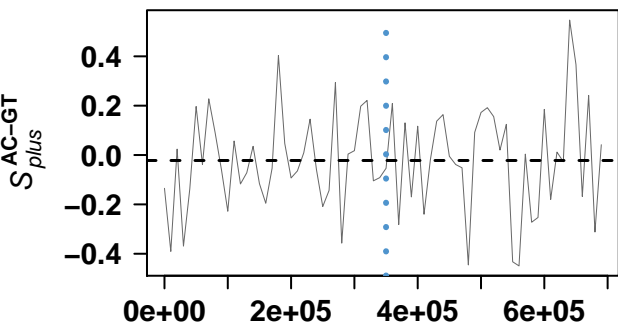
genome coordinates



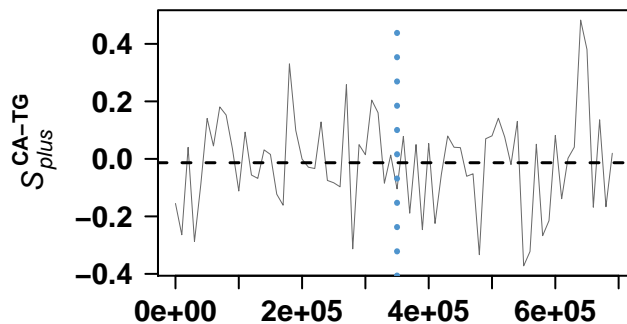
genome coordinates



genome coordinates



genome coordinates



genome coordinates