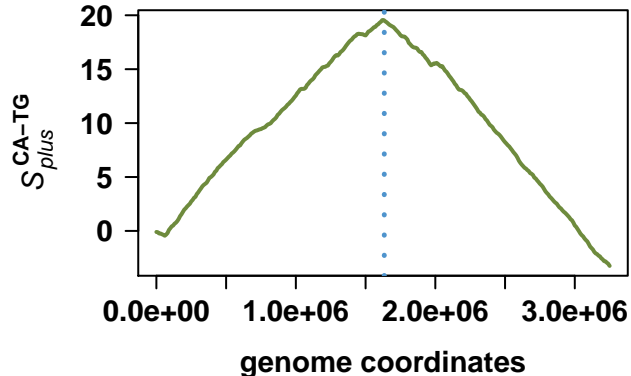
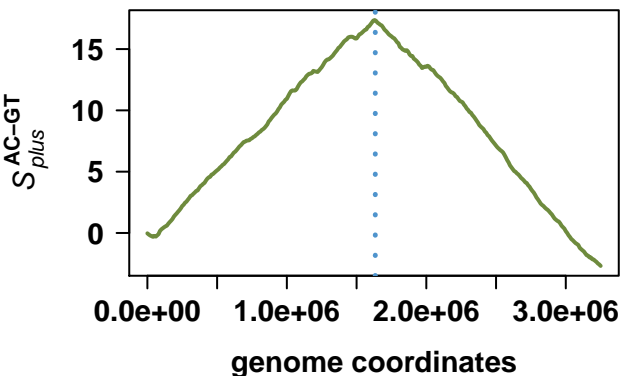
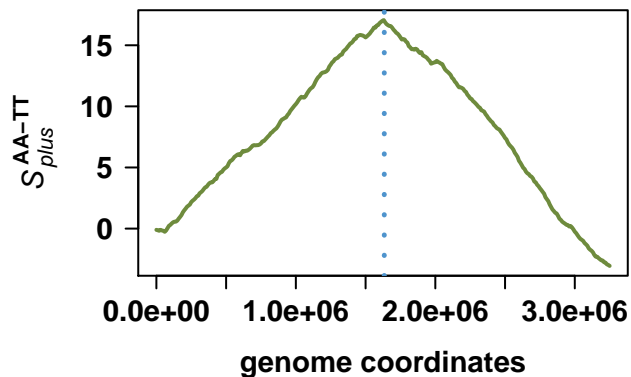
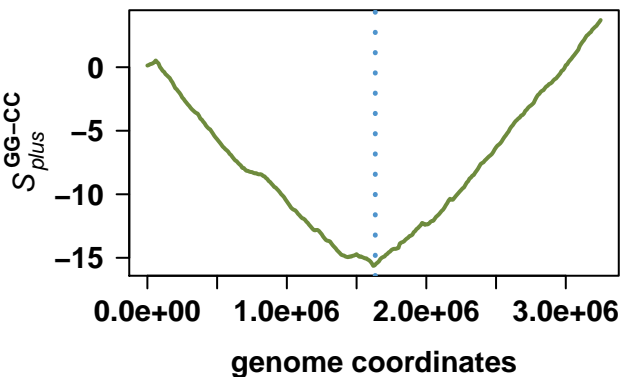
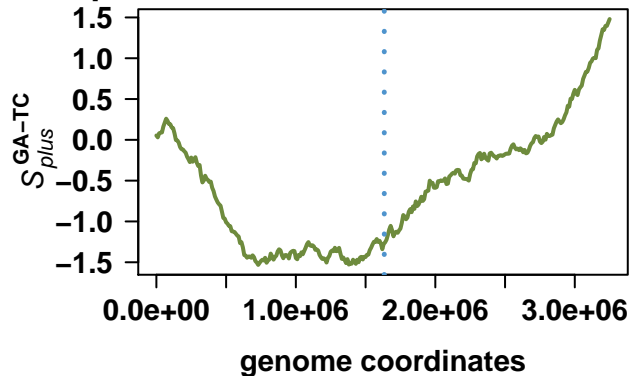
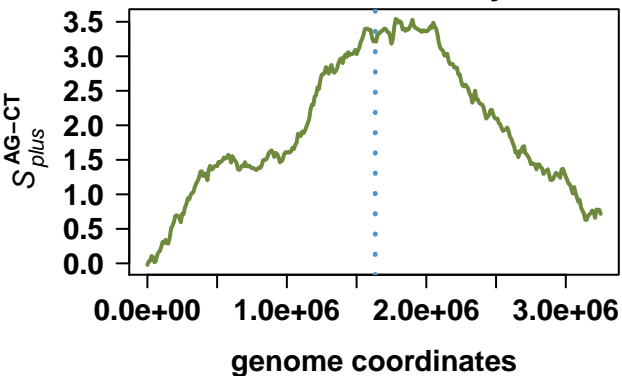
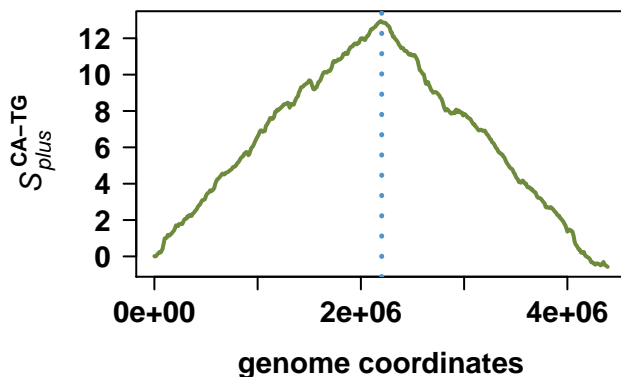
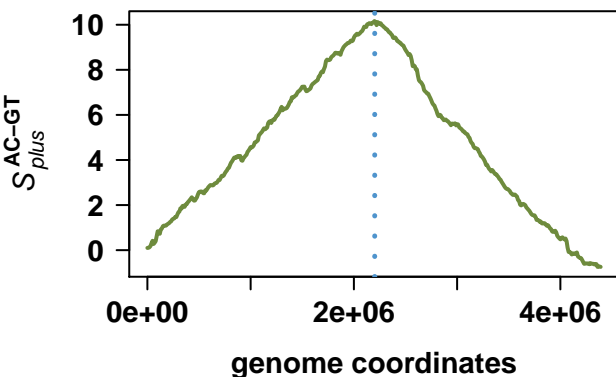
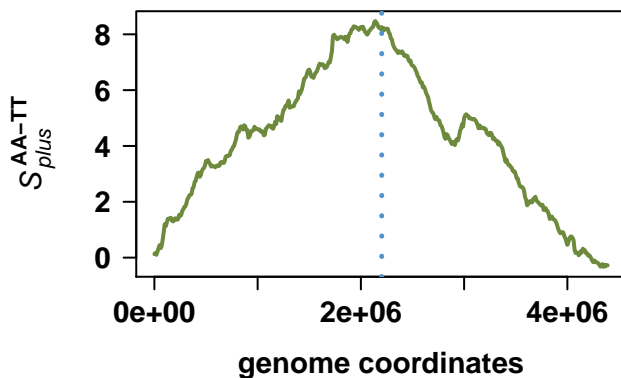
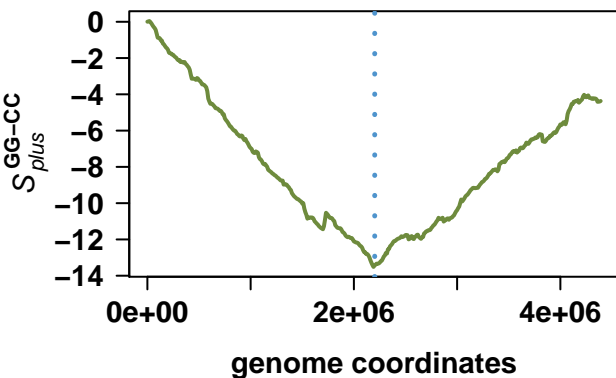
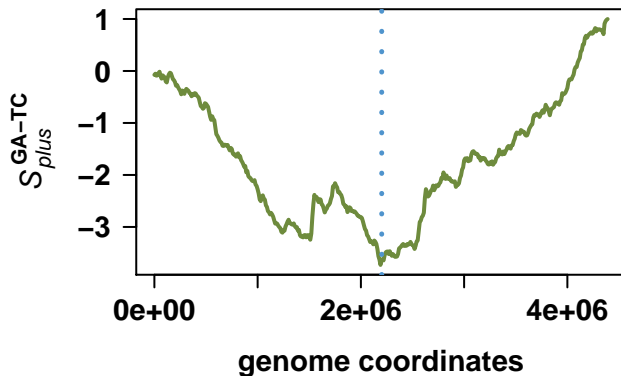
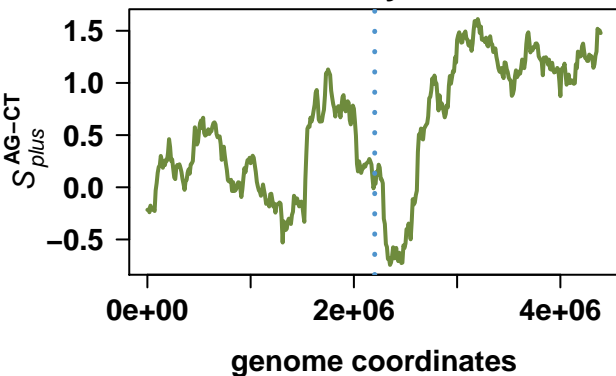


**Cumulative diagrams of dinucleotide skews ( $S_{\text{plus}}^{\text{AG-CT}}$ ,  $S_{\text{plus}}^{\text{GA-TC}}$ ,  $S_{\text{plus}}^{\text{GG-CC}}$ ,  $S_{\text{plus}}^{\text{AA-TT}}$ ,  $S_{\text{plus}}^{\text{AC-GT}}$  and  $S_{\text{plus}}^{\text{CA-TG}}$ ) along the plus (published) strand of all bacteria chromosomes in our collection. The vertical dotted blue line indicates the origin of replication (*ori*). The coordinates of all circular chromosomes are shifted so that the *ori* is placed at the middle of their published sequence.**

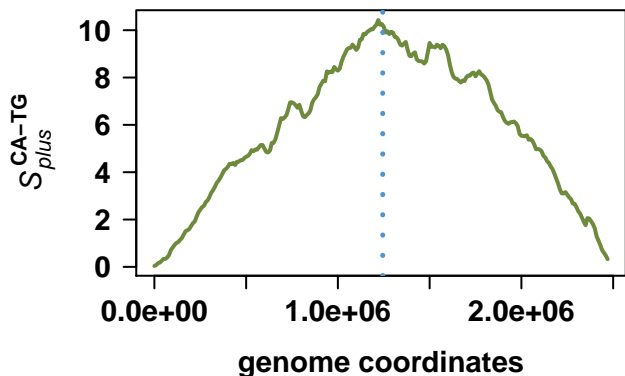
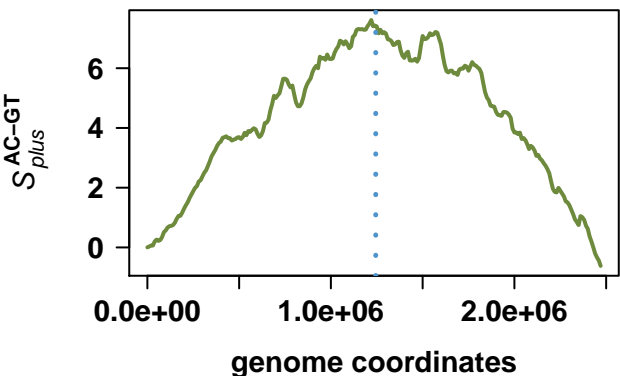
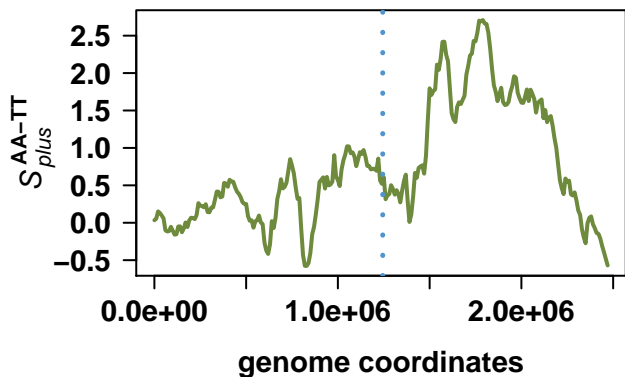
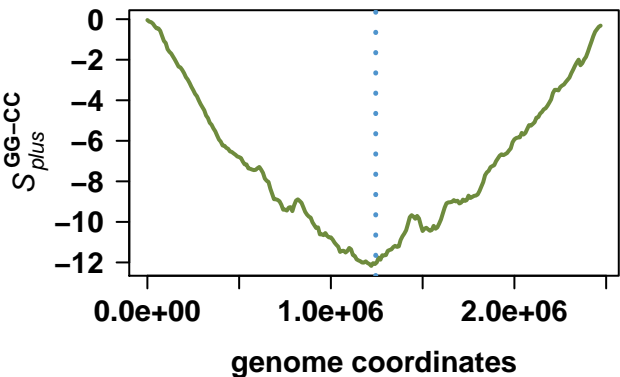
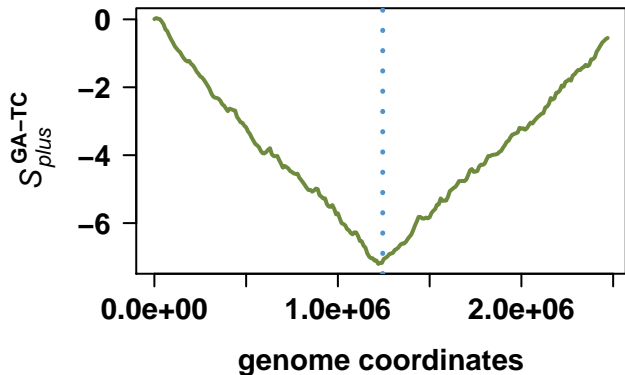
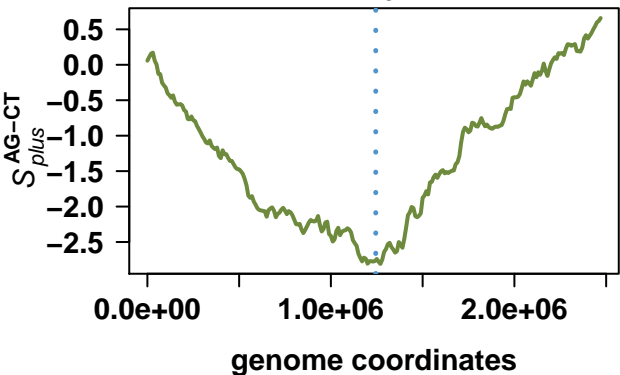
# Mycobacterium leprae TN



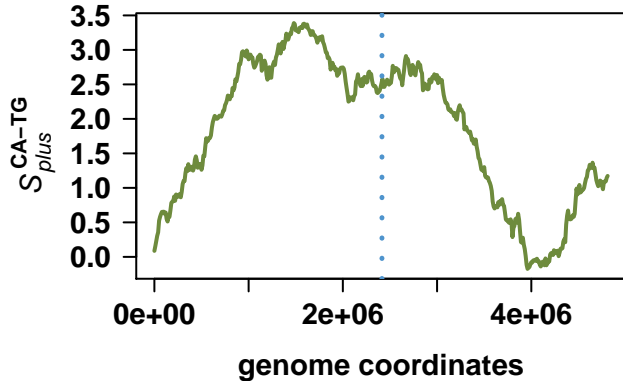
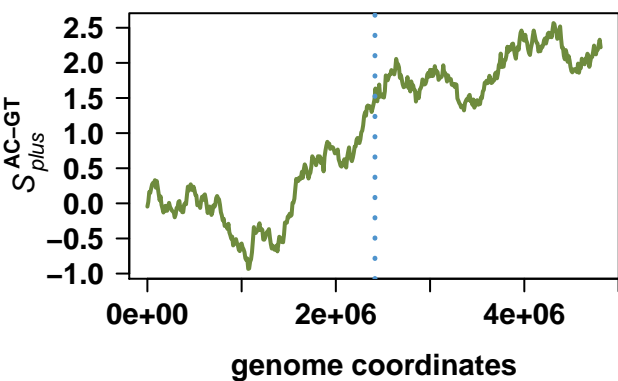
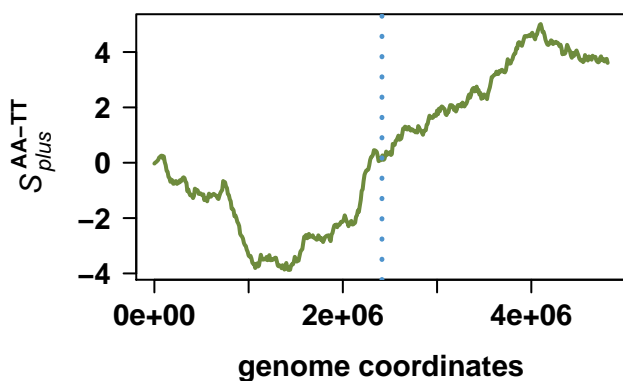
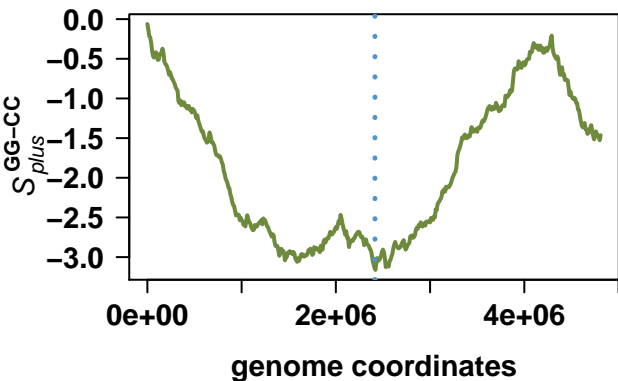
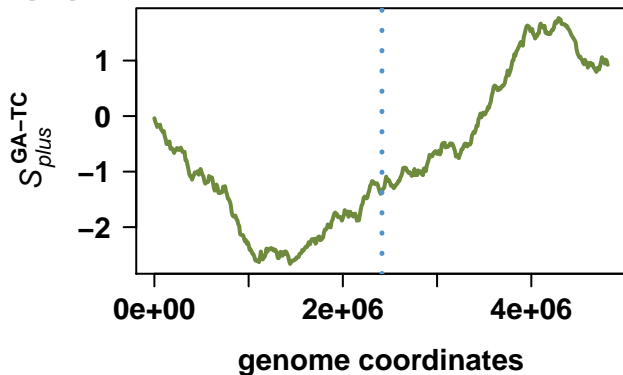
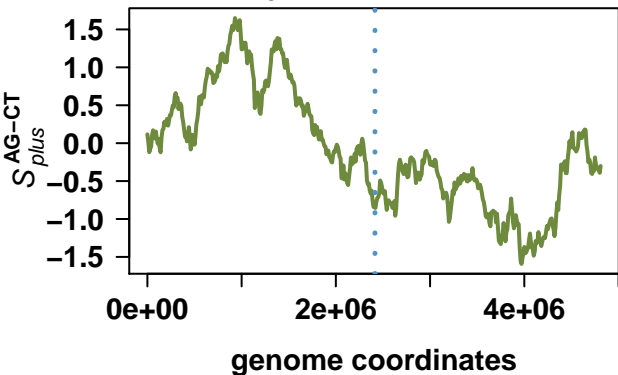
# Mycobacterium tuberculosis CDC1551



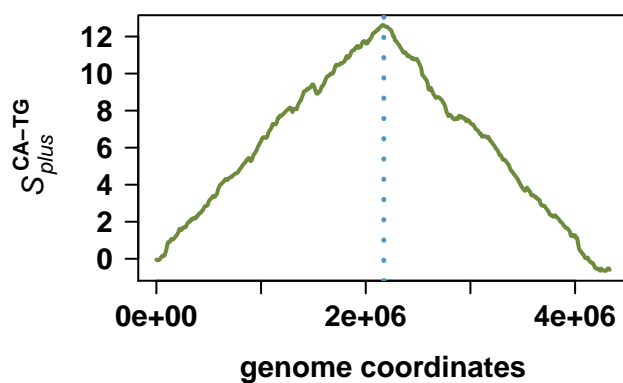
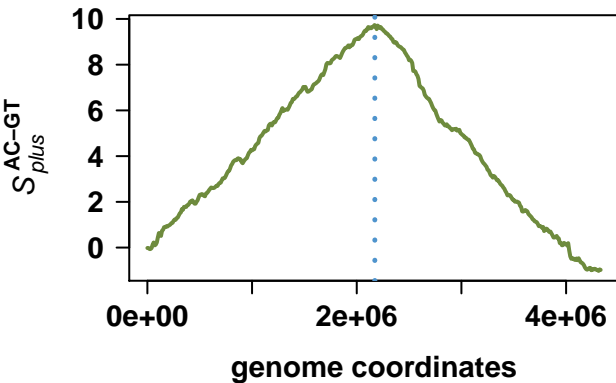
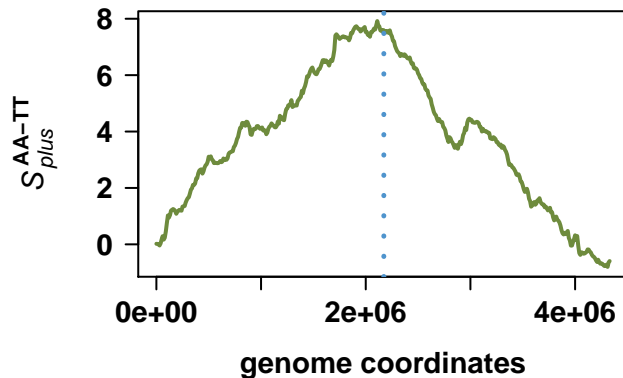
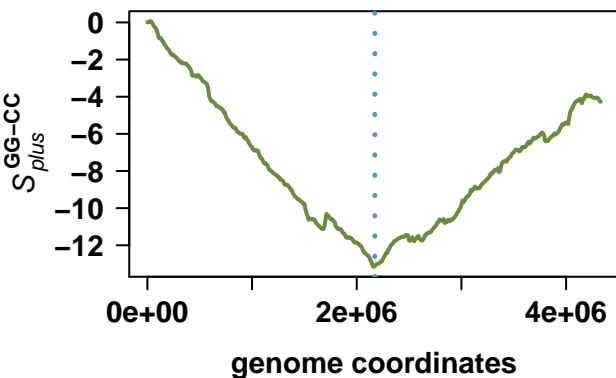
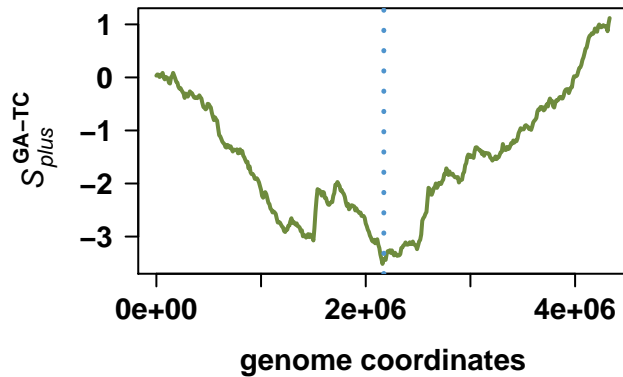
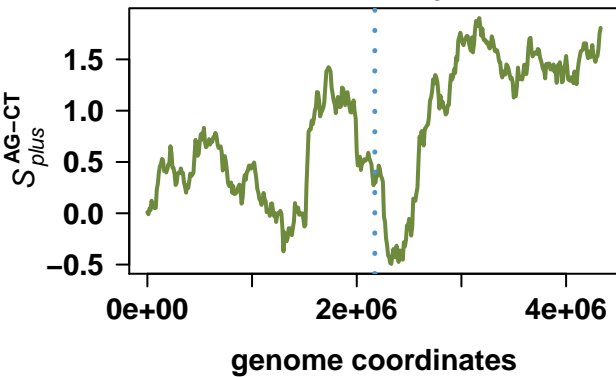
# Corynebacterium diphtheriae NCTC 13129



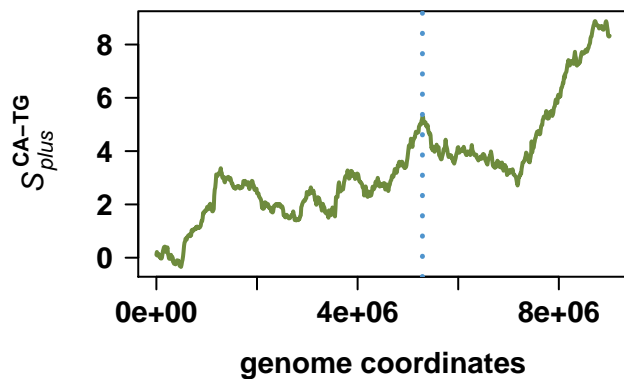
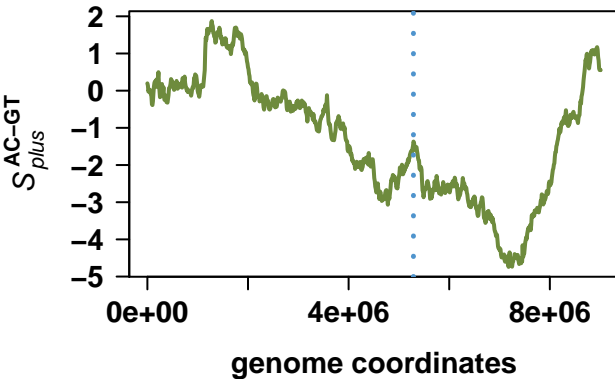
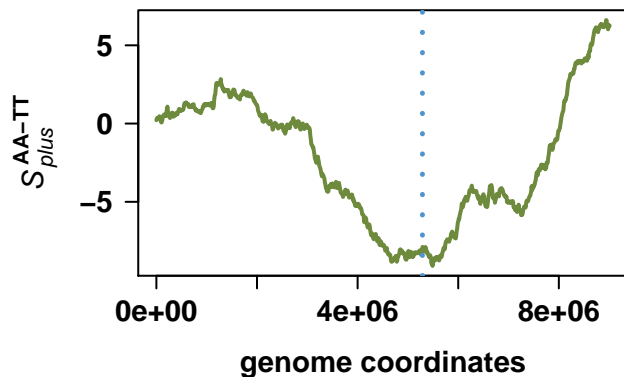
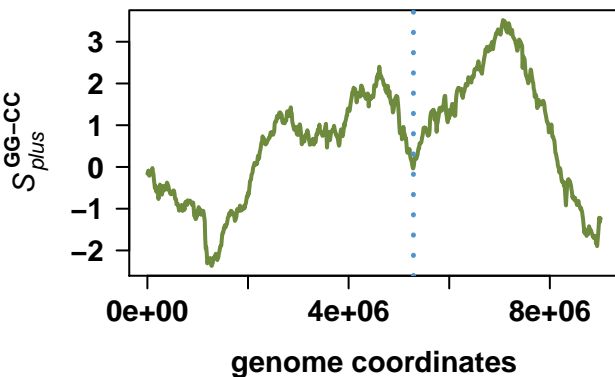
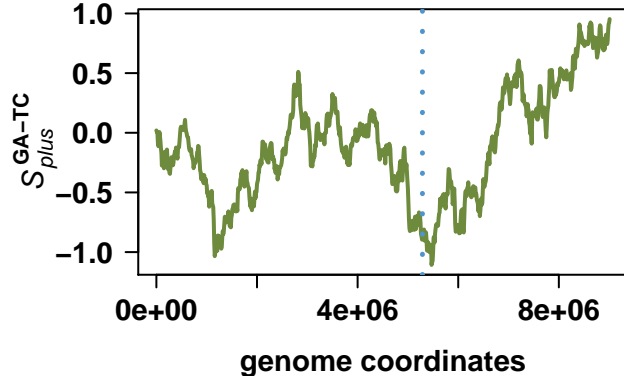
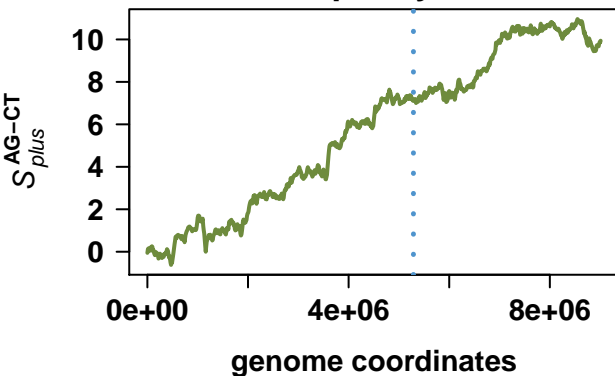
# Mycobacterium avium subsp. paratuberculosis K-10



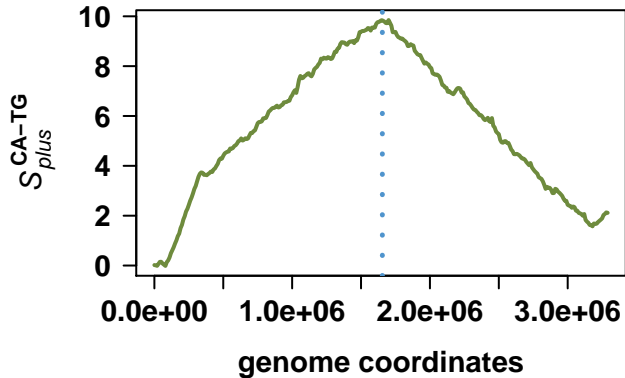
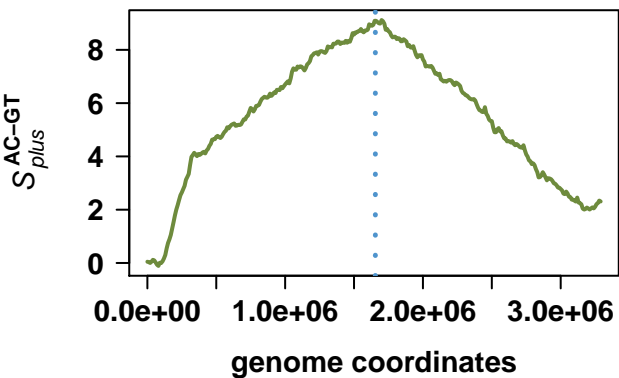
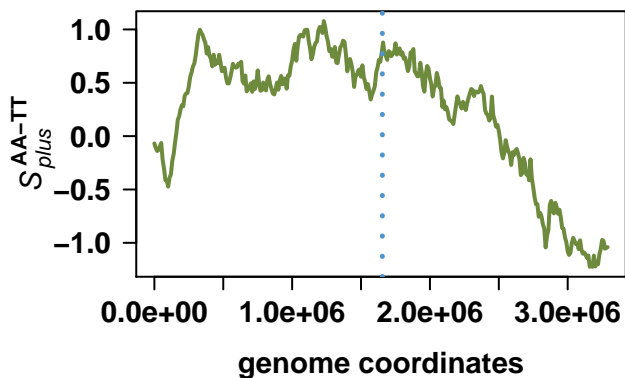
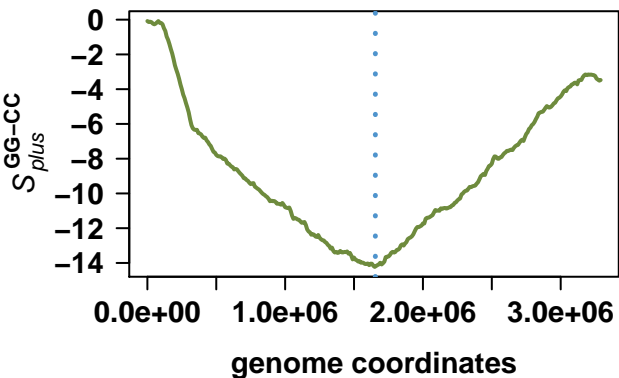
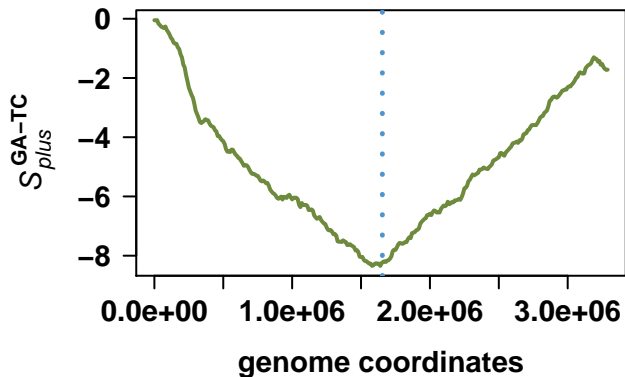
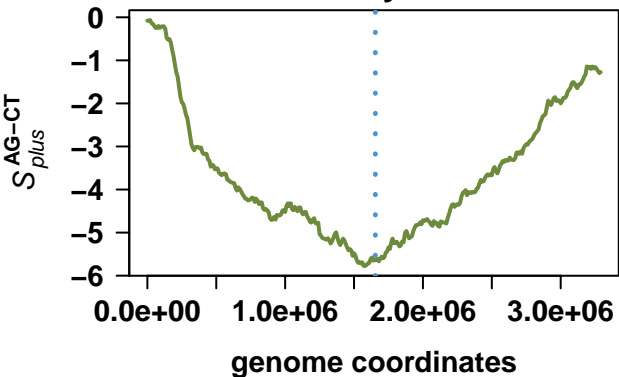
# Mycobacterium bovis AF2122/97



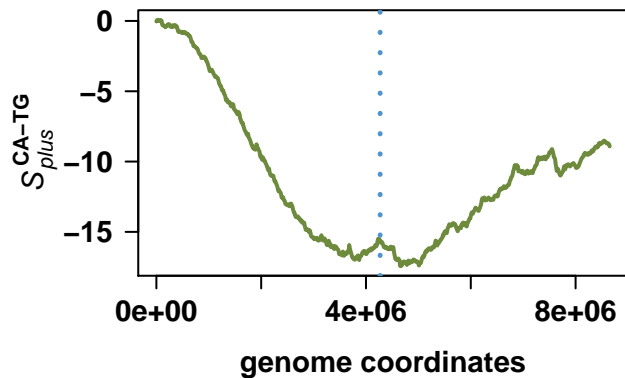
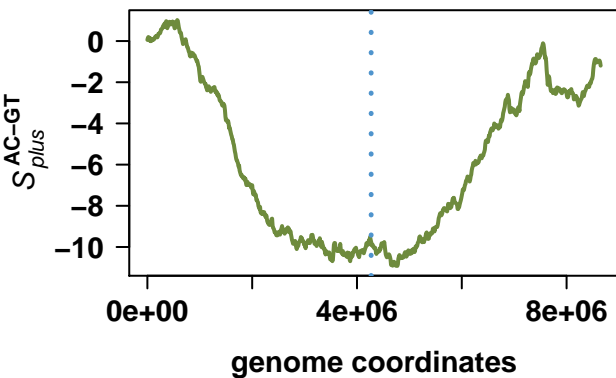
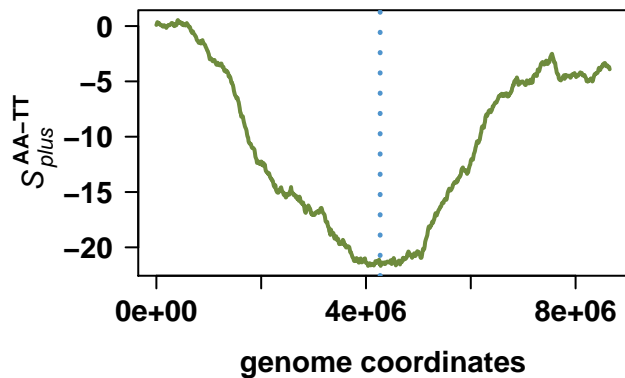
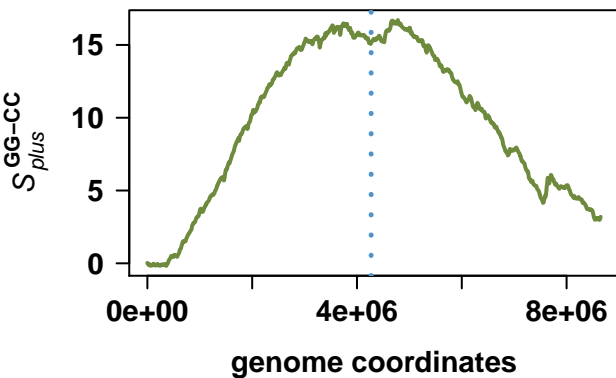
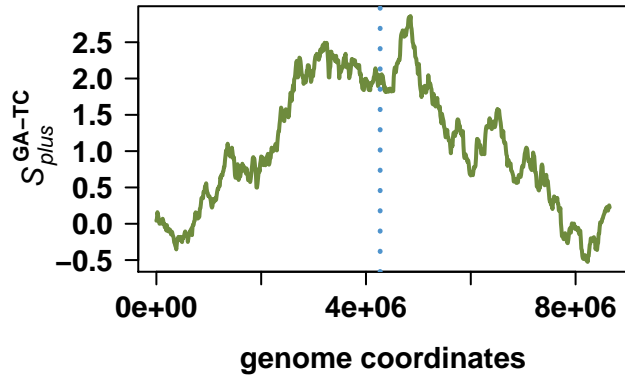
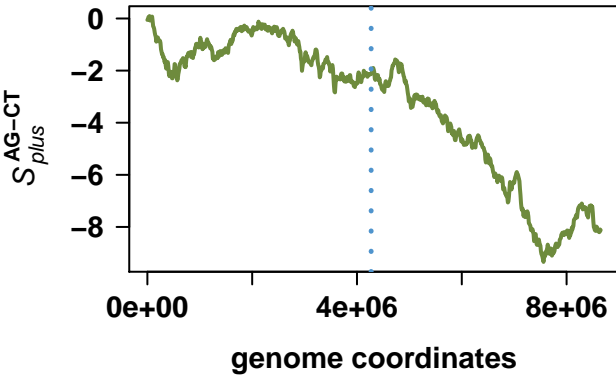
# Streptomyces avermitilis MA-4680 = NBRC 14893



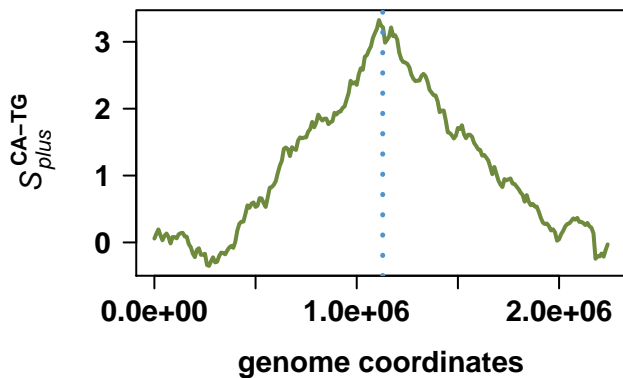
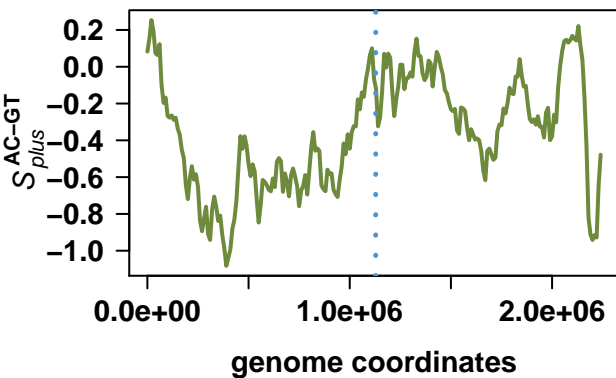
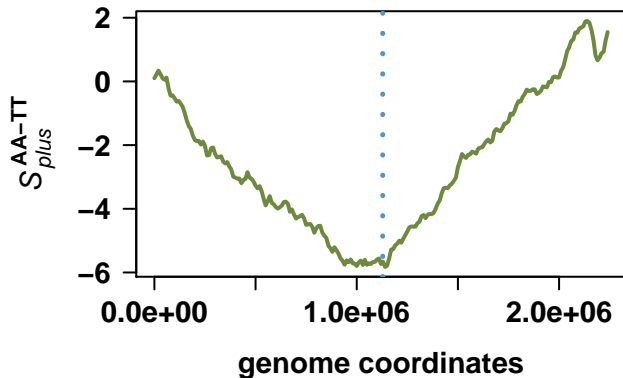
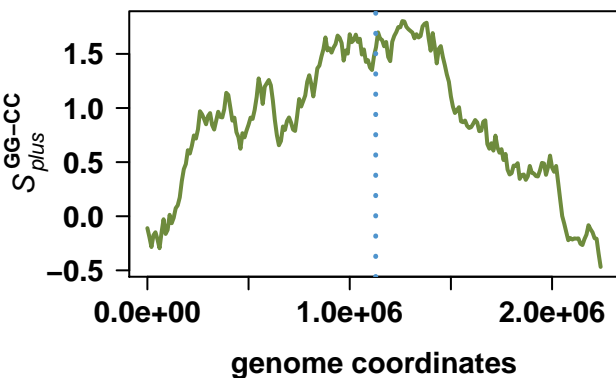
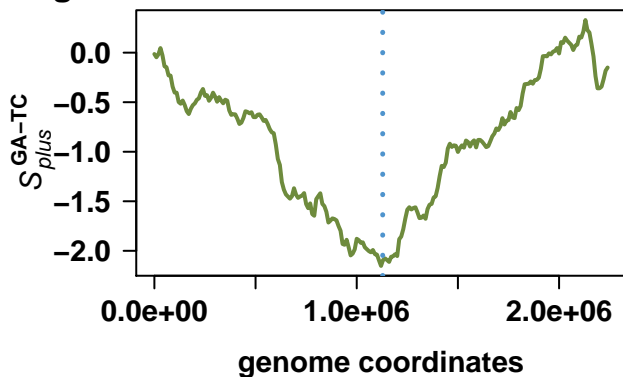
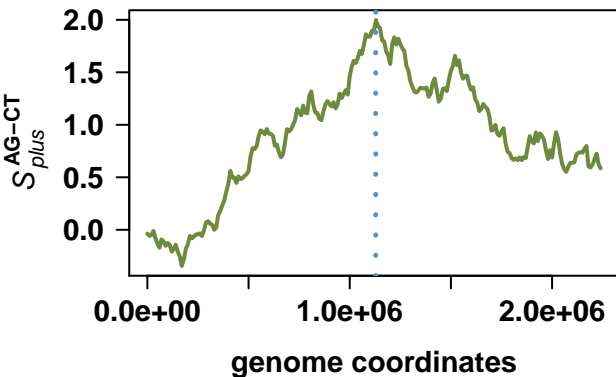
# *Corynebacterium glutamicum* ATCC 13032



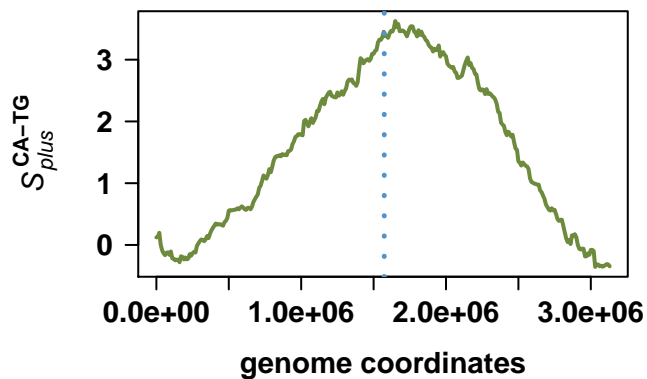
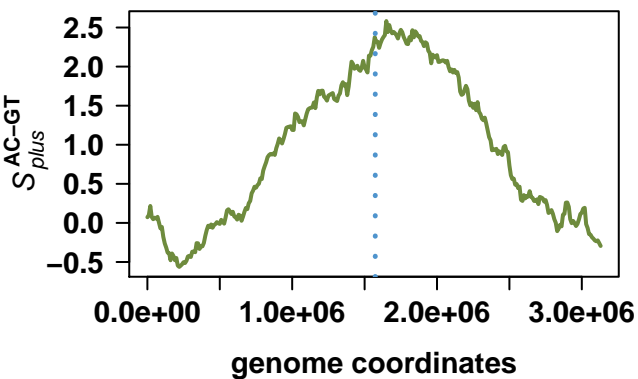
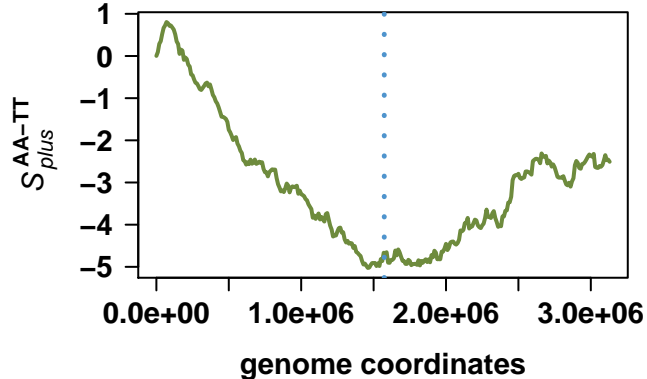
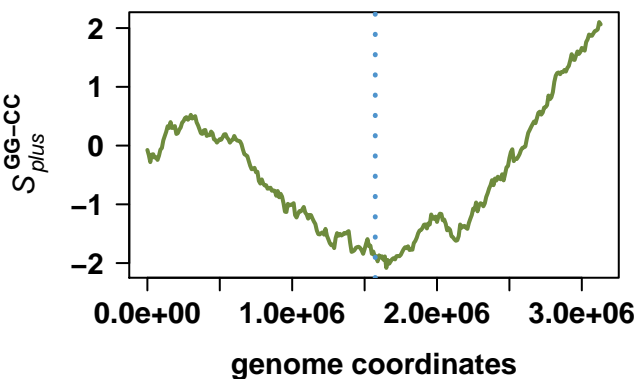
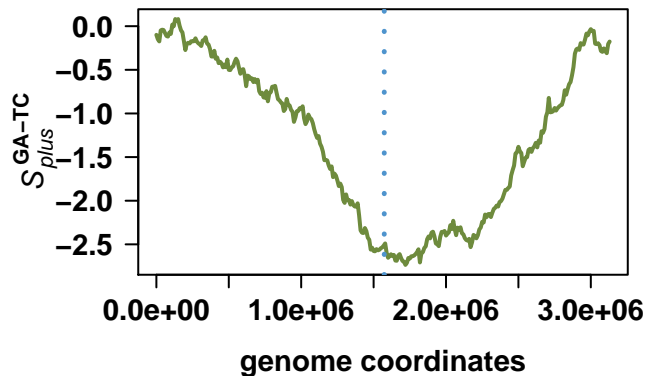
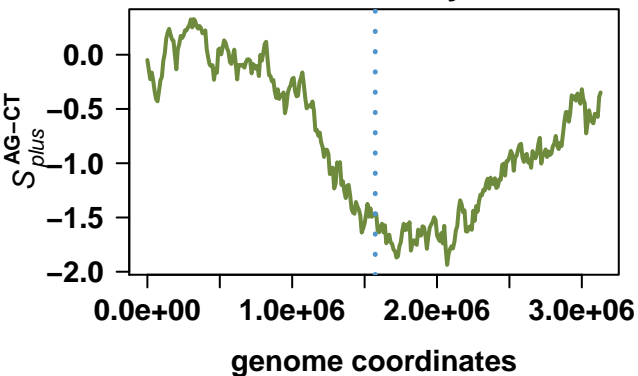
# Streptomyces coelicolor A3(2)



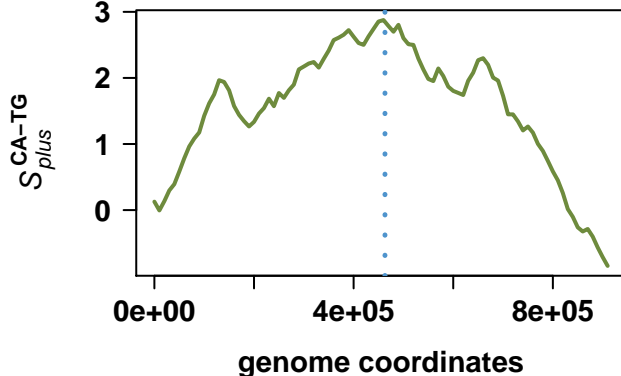
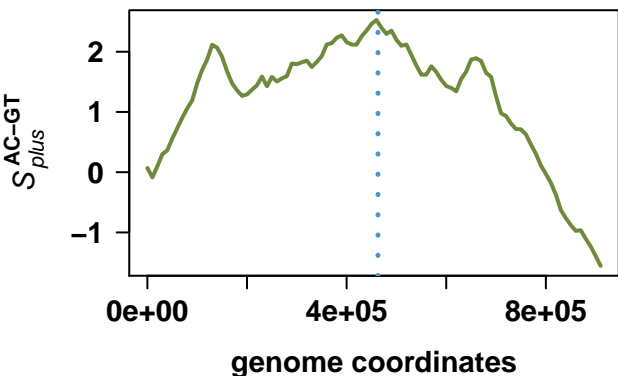
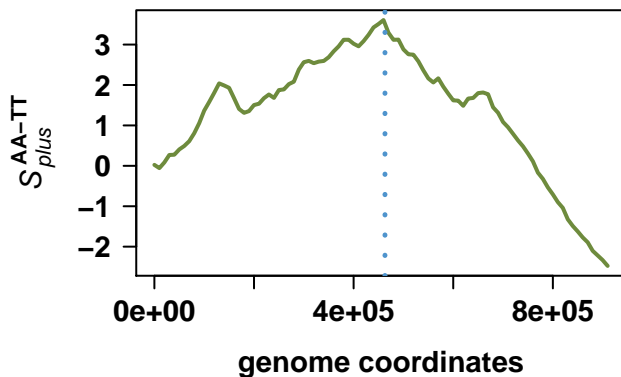
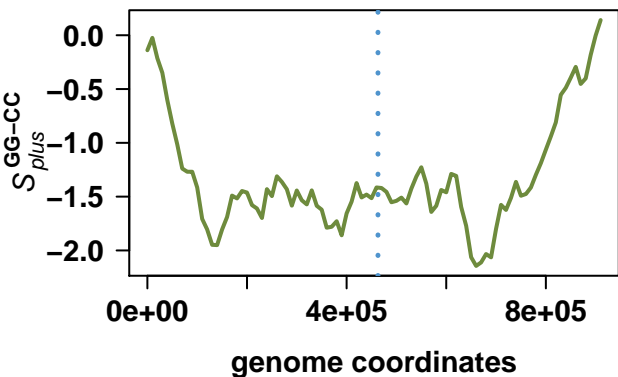
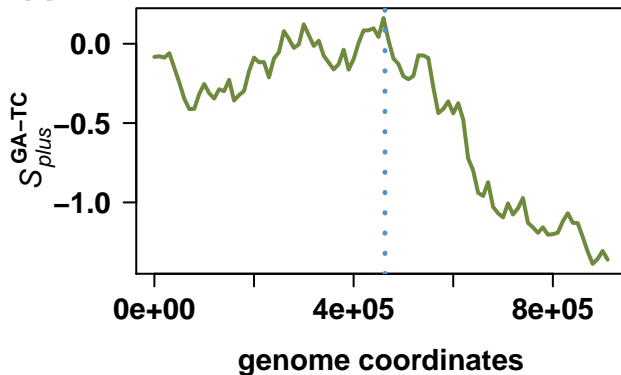
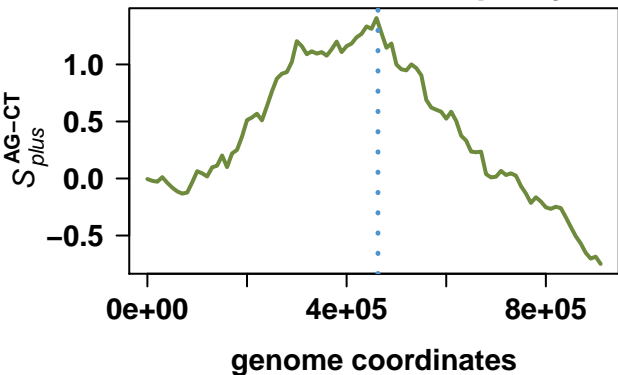
# Bifidobacterium longum NCC2705



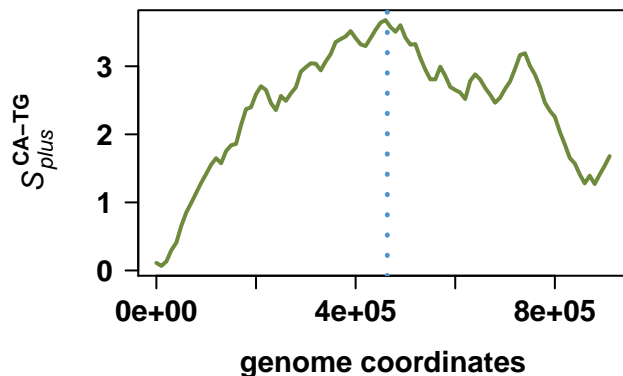
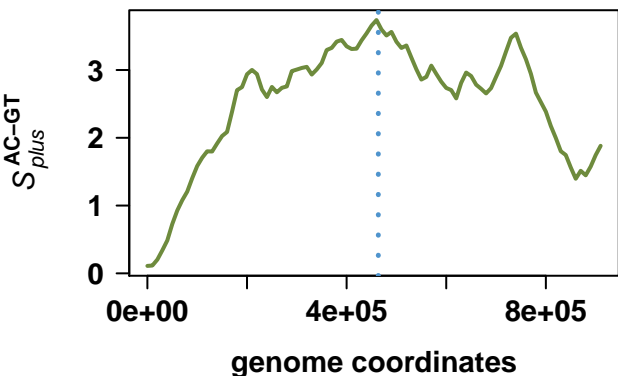
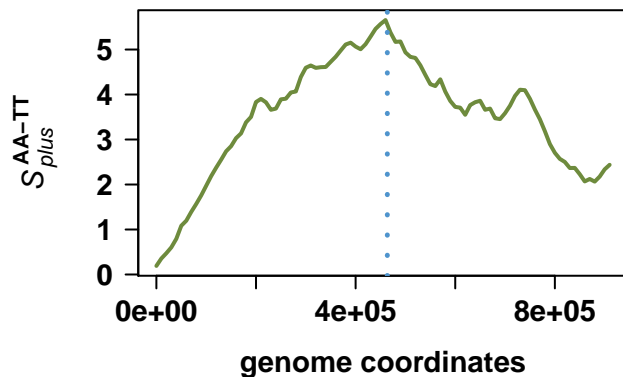
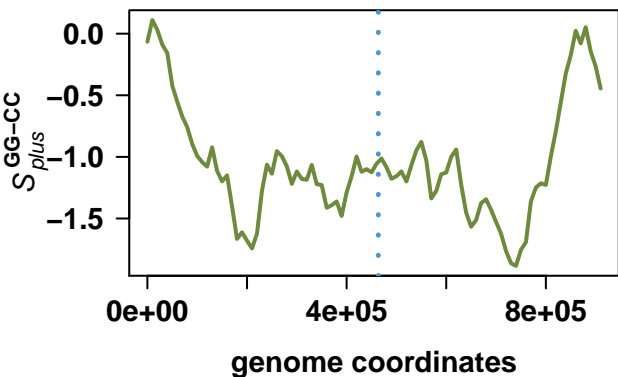
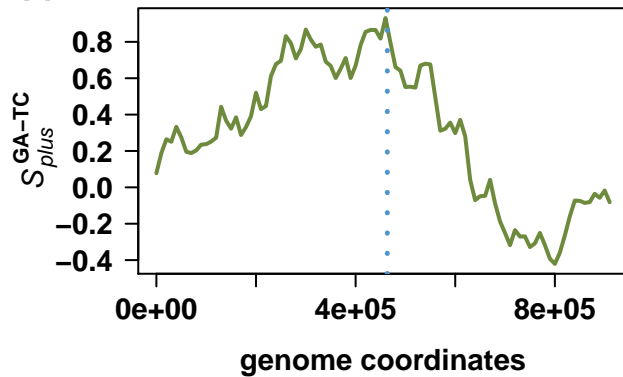
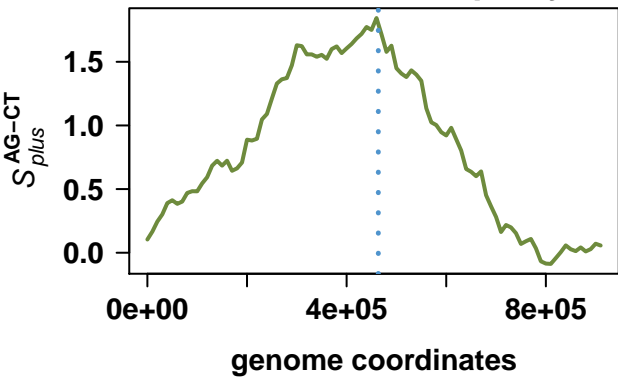
# Corynebacterium efficiens YS-314



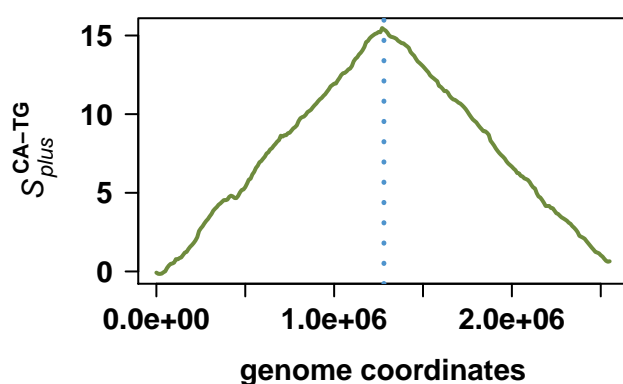
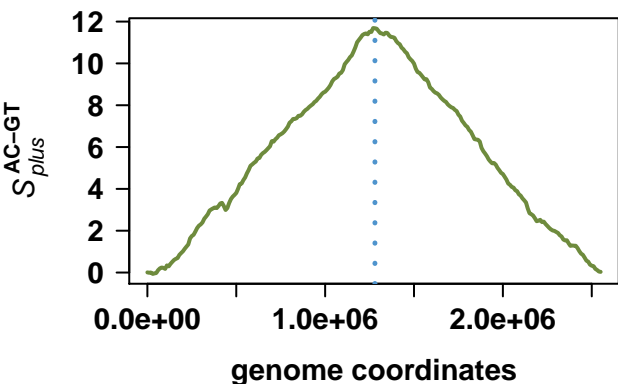
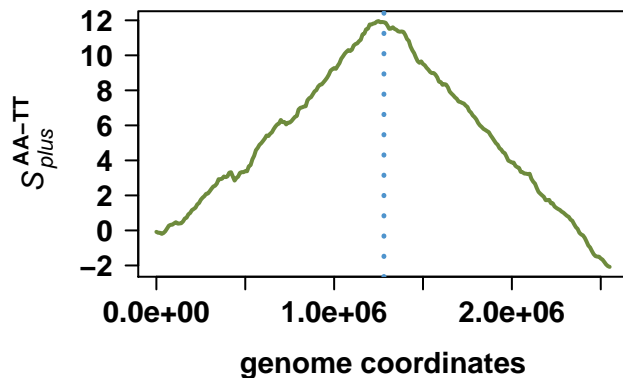
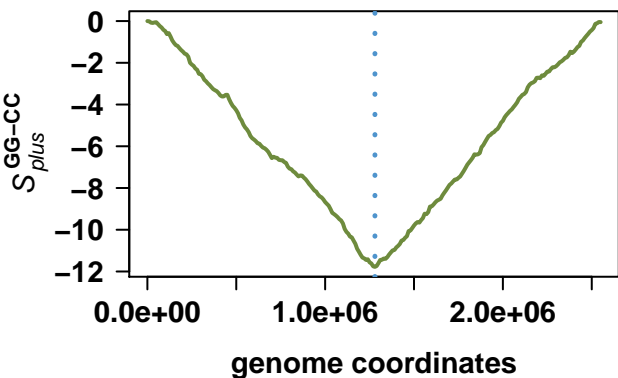
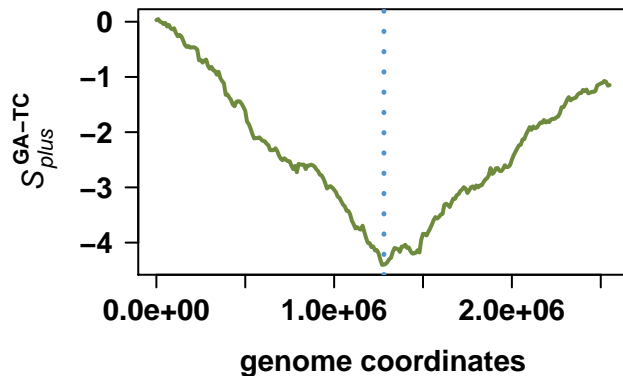
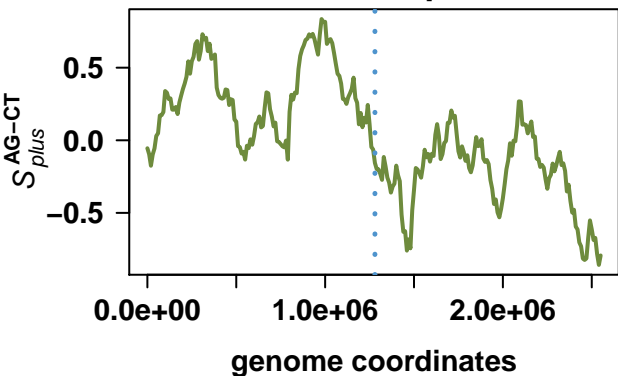
# Tropheryma whipplei TW08/27



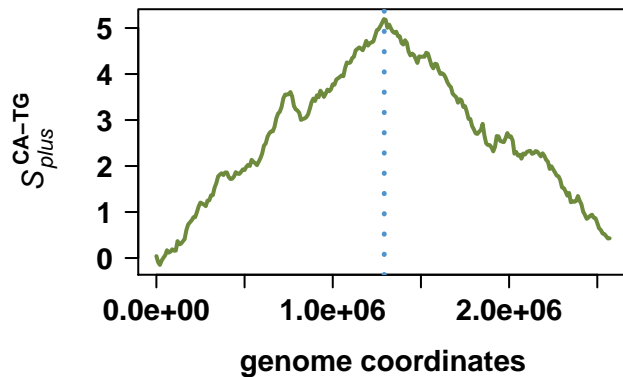
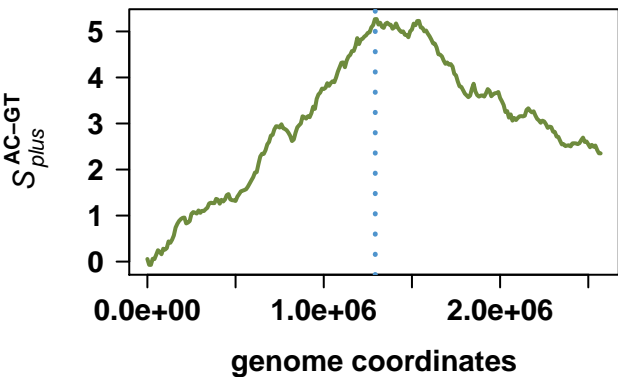
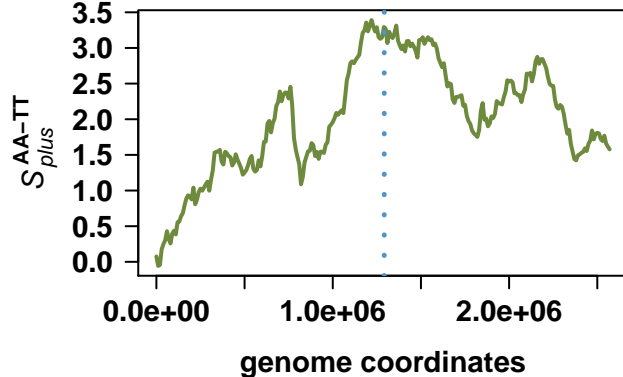
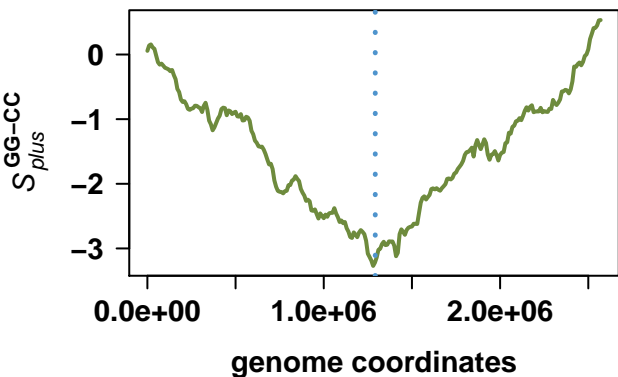
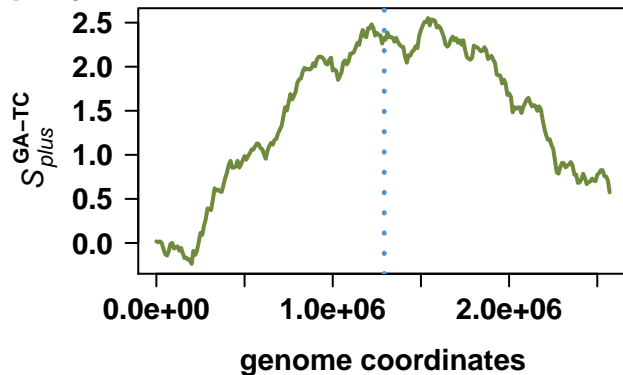
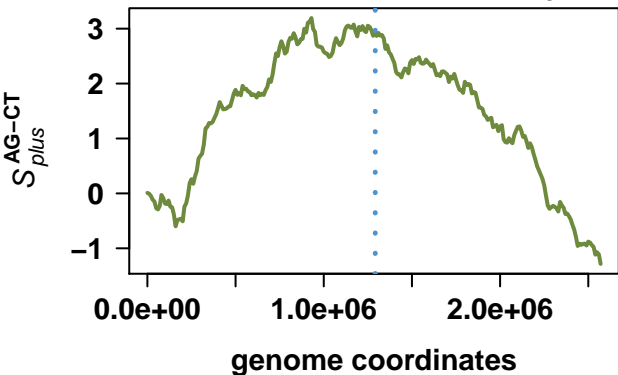
# Tropheryma whipplei str. Twist



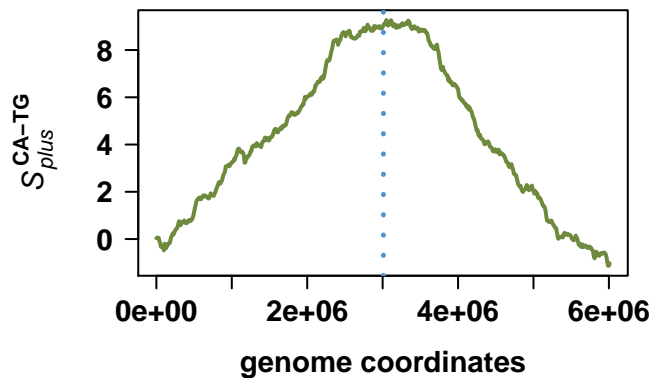
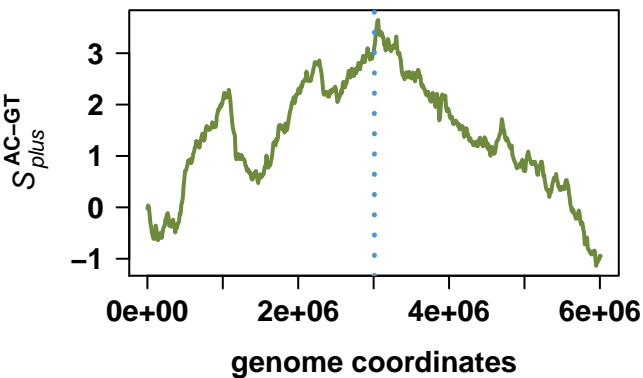
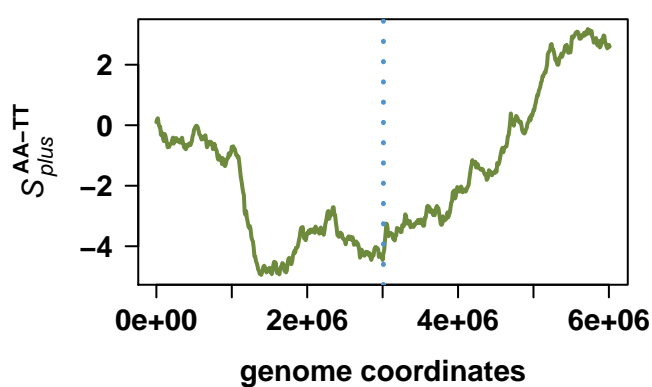
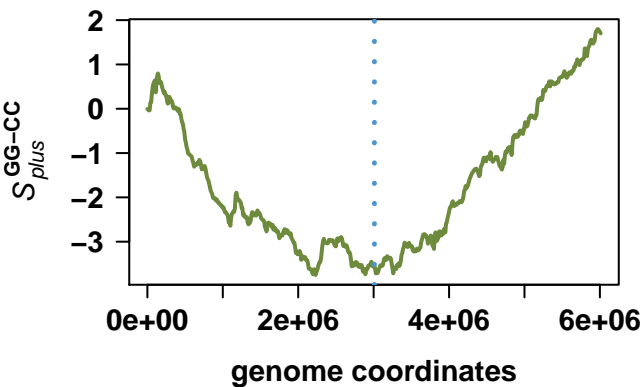
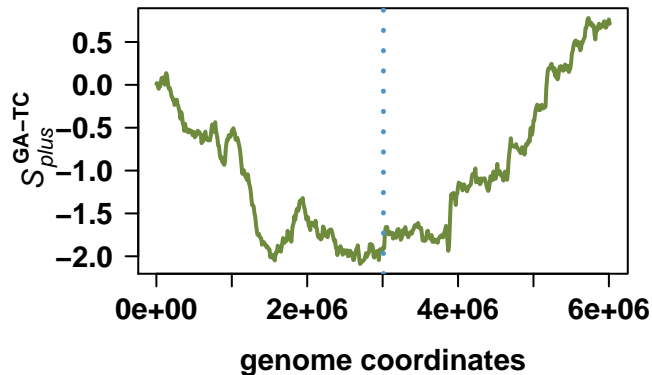
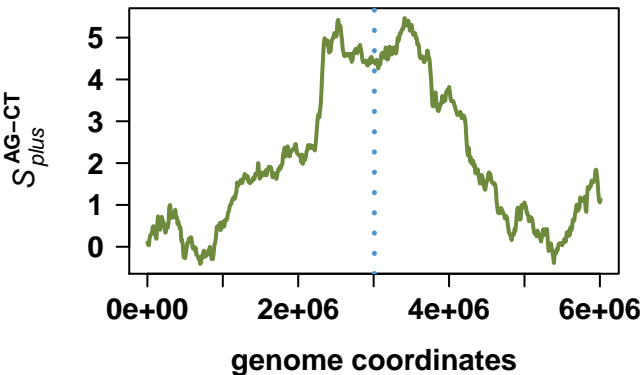
# Propionibacterium acnes KPA171202



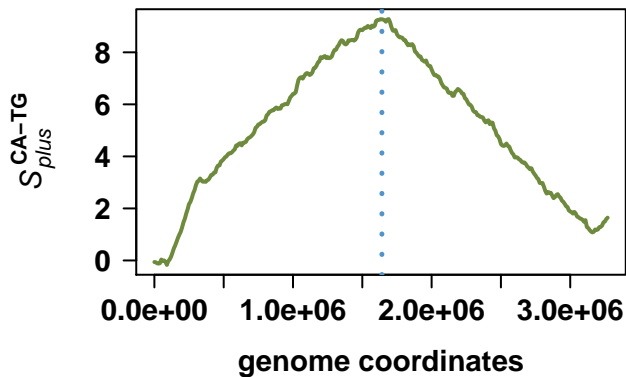
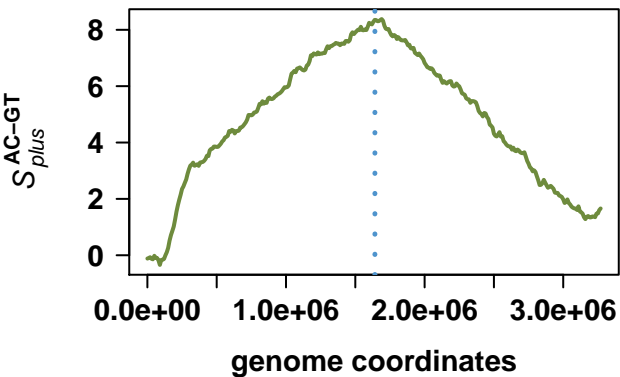
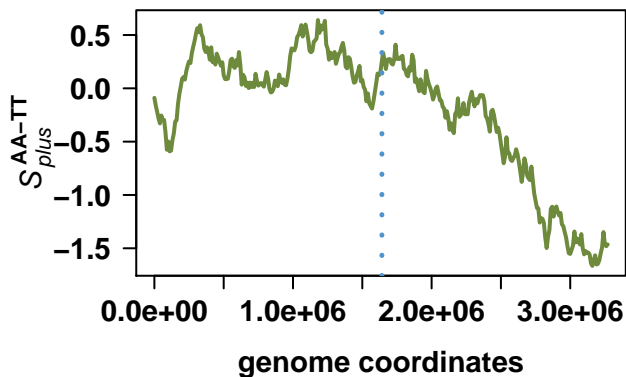
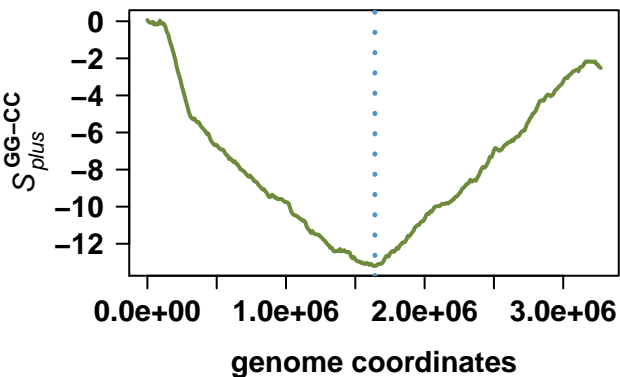
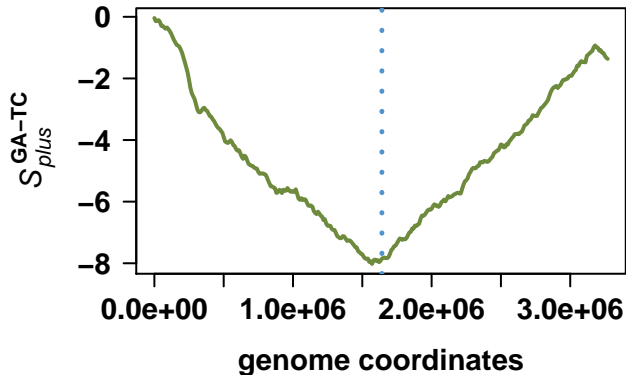
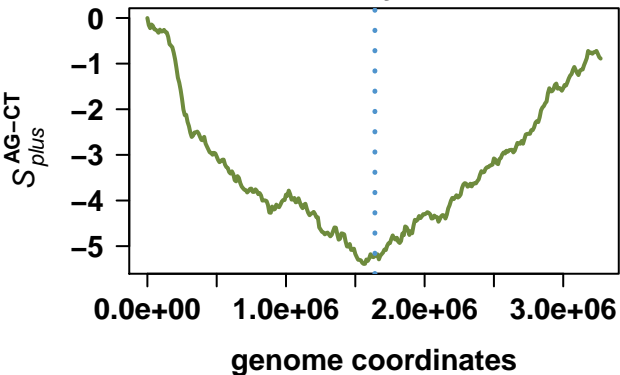
# Leifsonia xyli subsp. xyli str. CTCB07



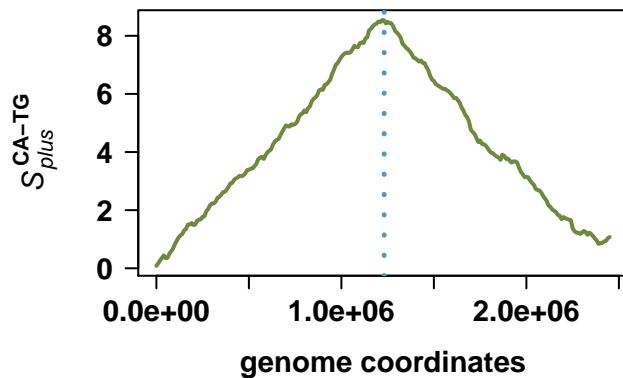
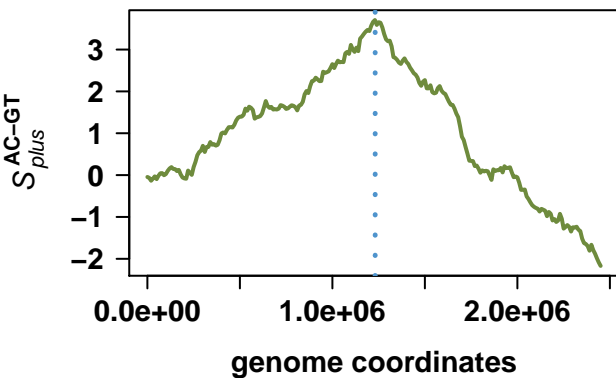
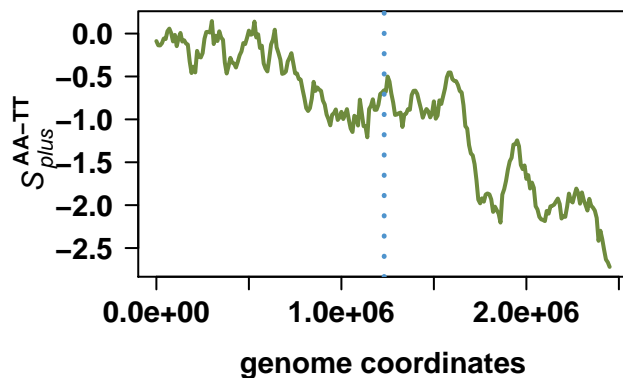
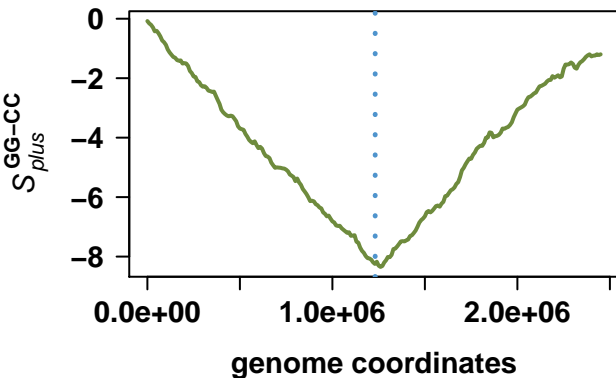
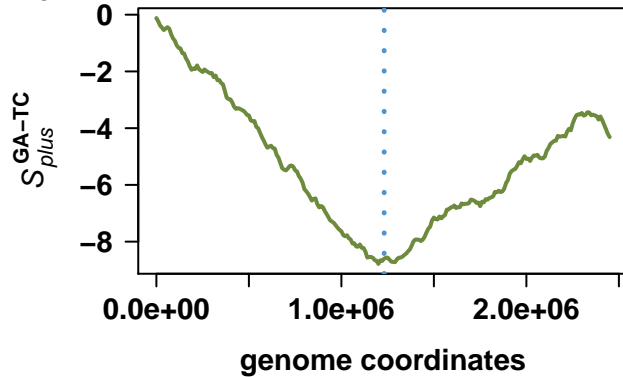
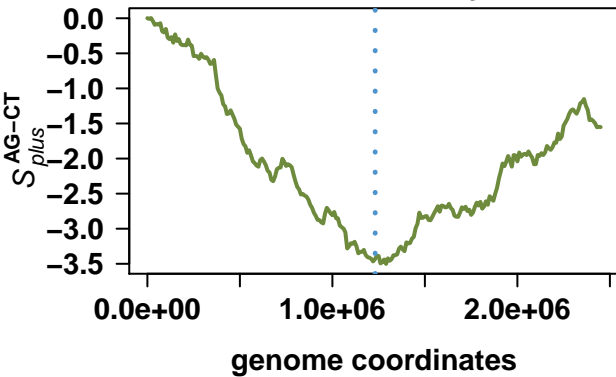
# *Nocardia farcinica* IFM 10152



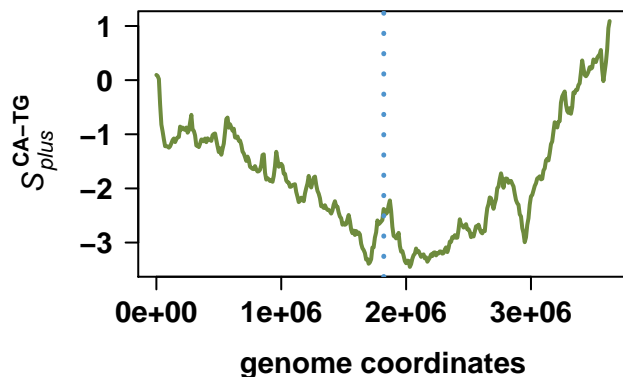
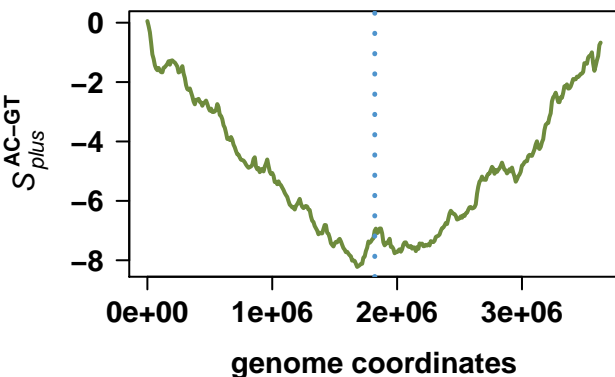
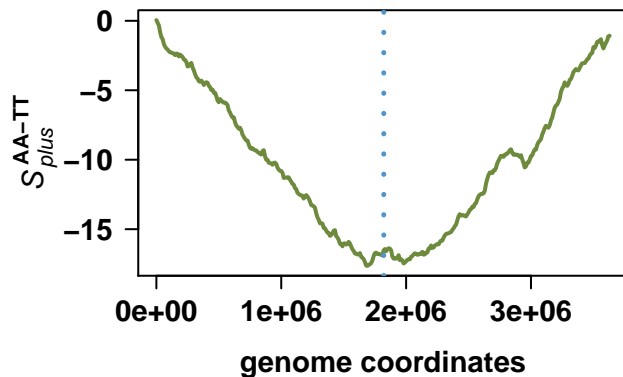
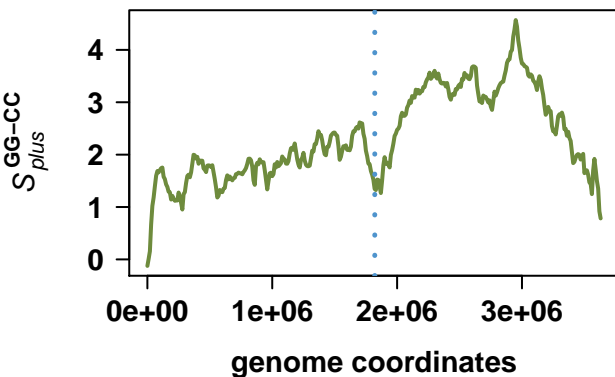
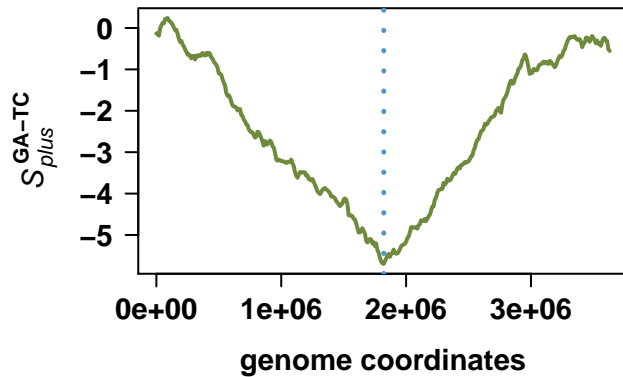
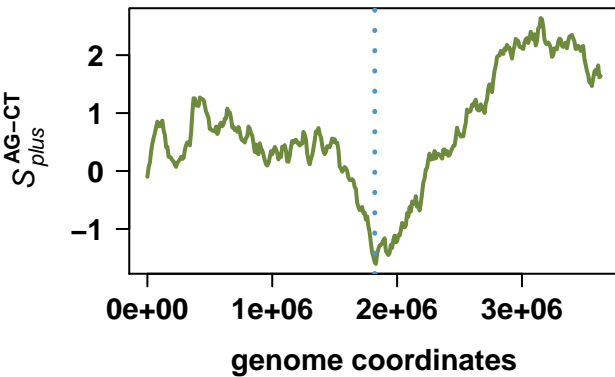
# Corynebacterium glutamicum ATCC 13032



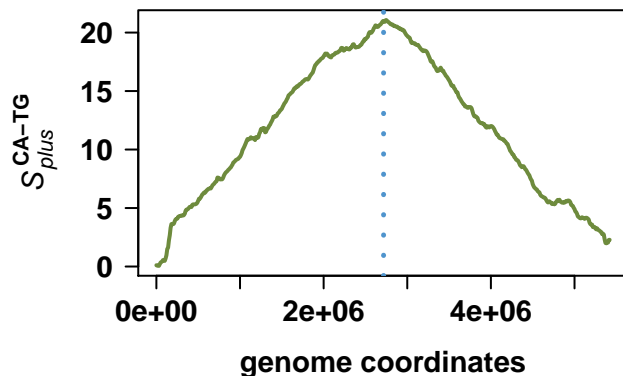
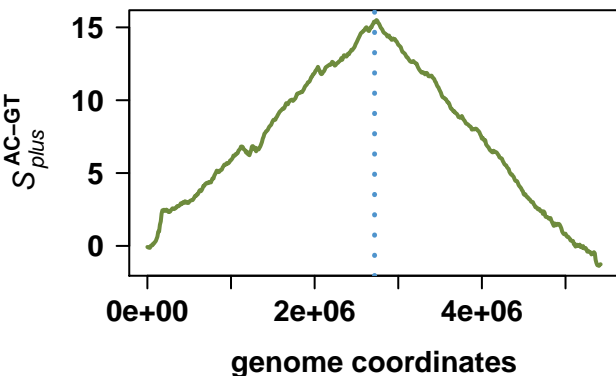
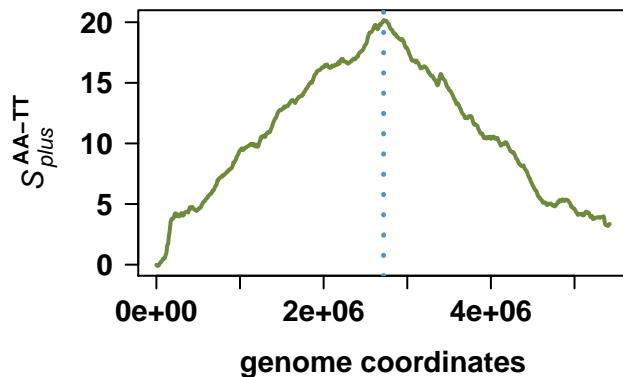
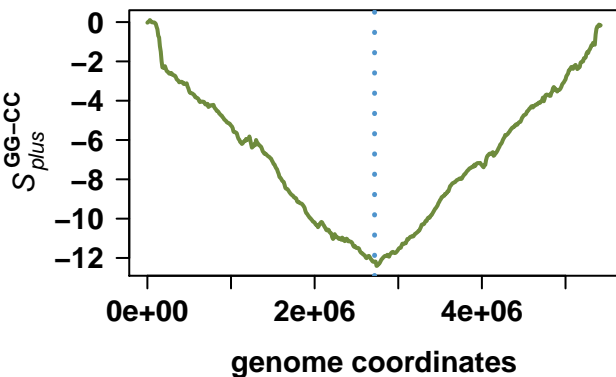
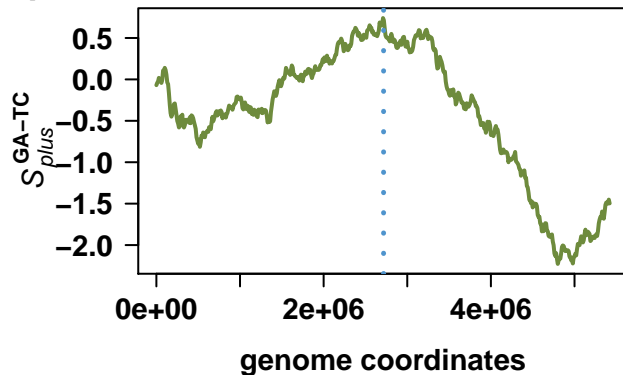
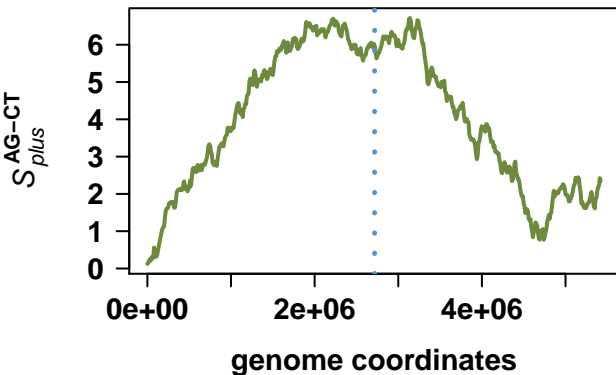
# Corynebacterium jeikeium K411



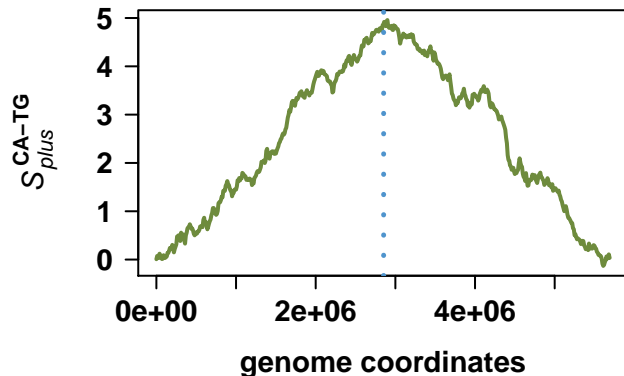
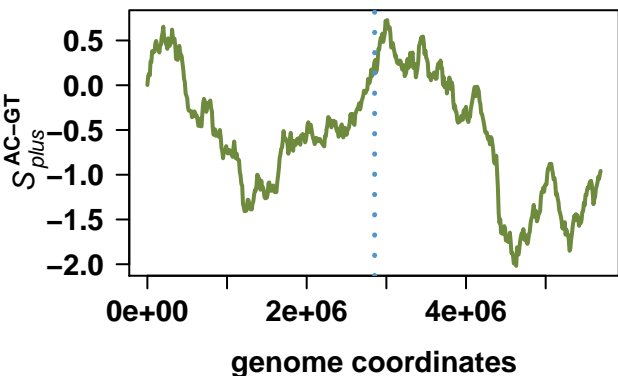
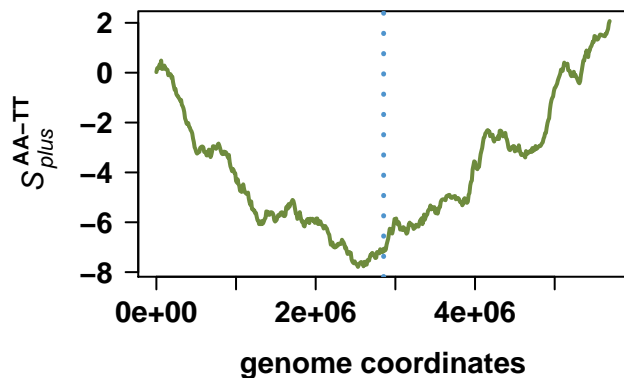
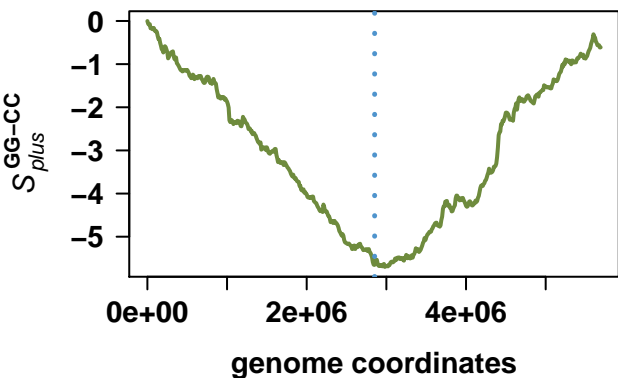
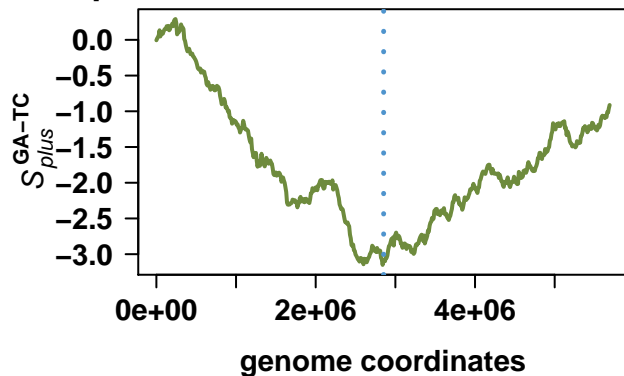
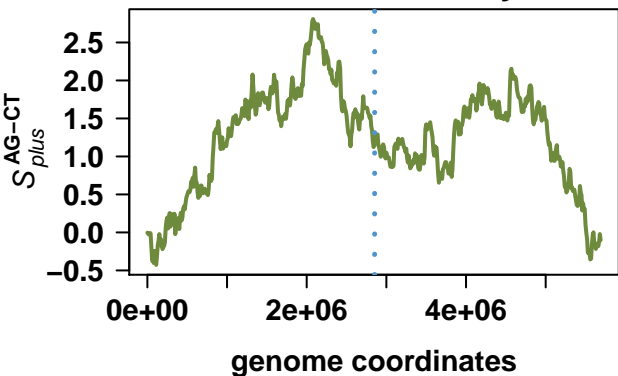
# Thermobifida fusca YX



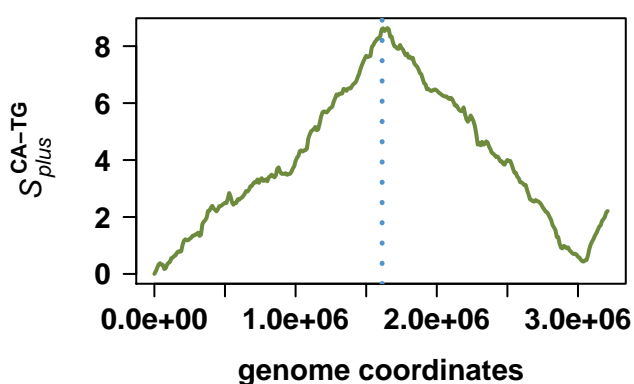
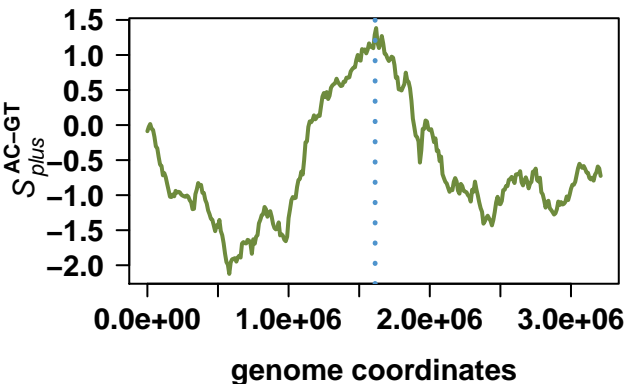
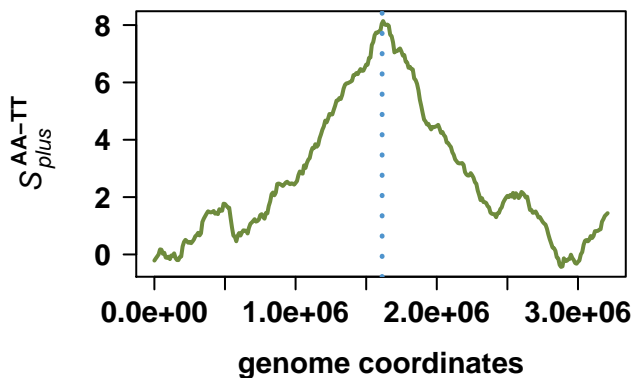
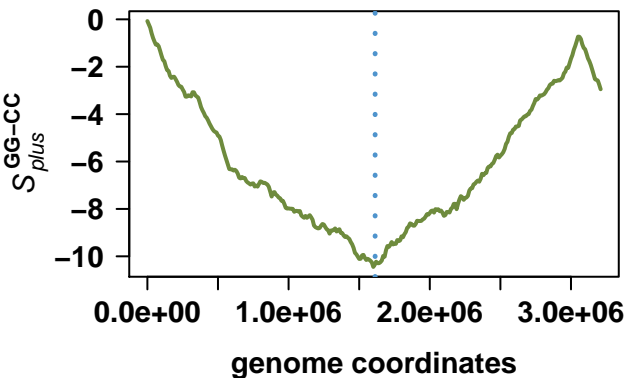
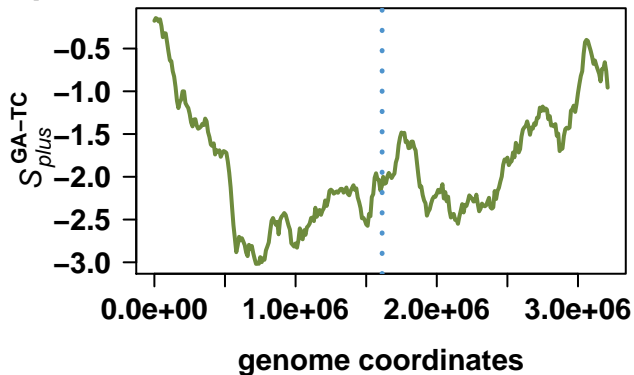
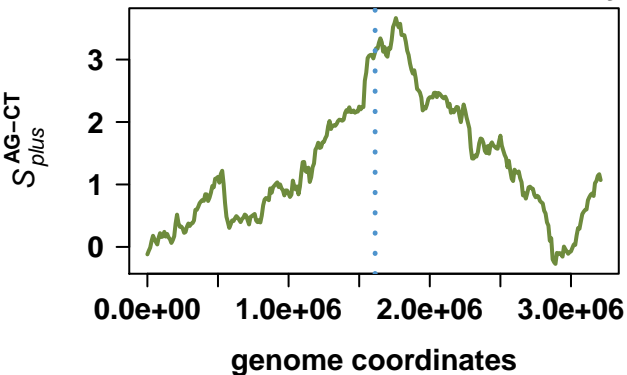
# Frankia sp. Ccl3



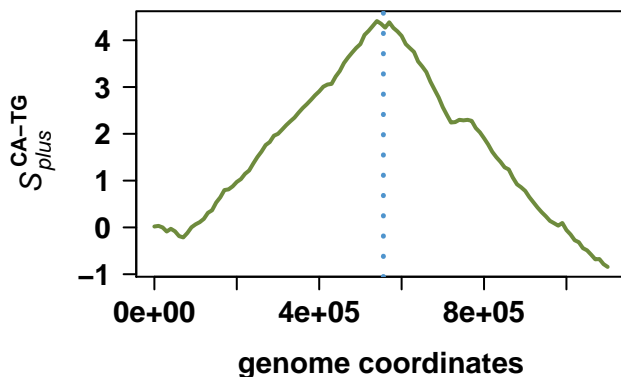
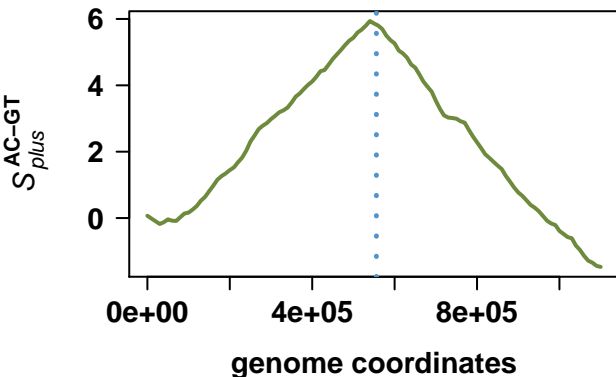
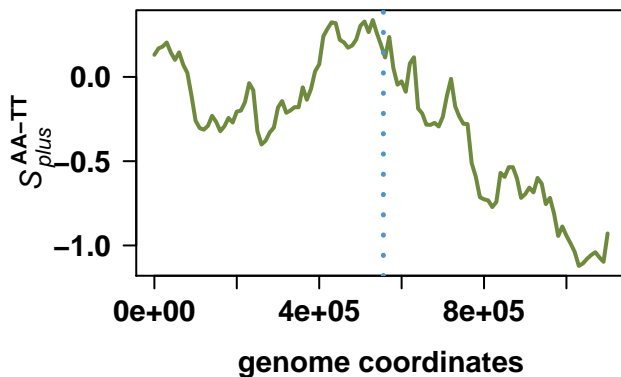
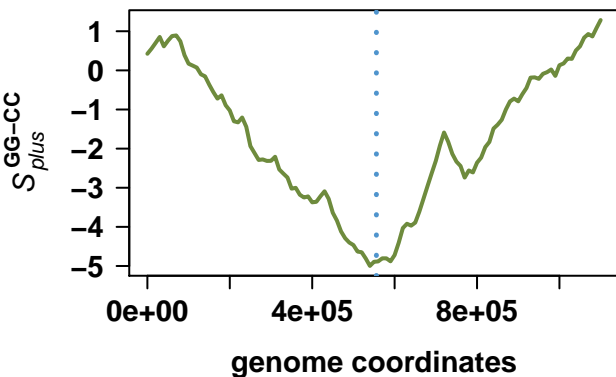
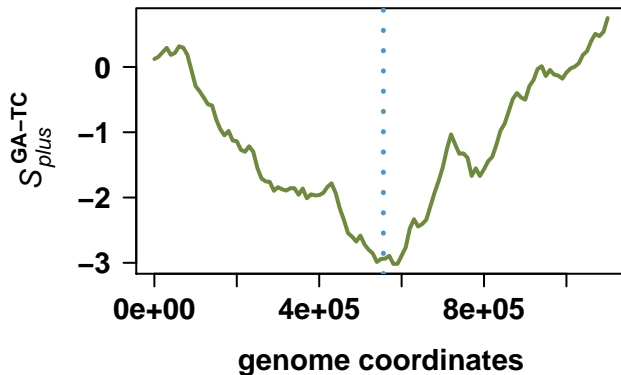
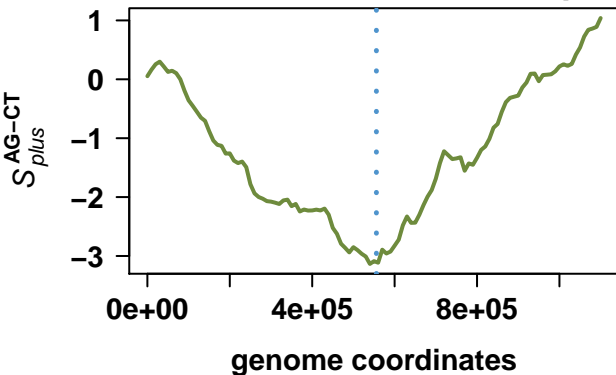
# Mycobacterium sp. MCS



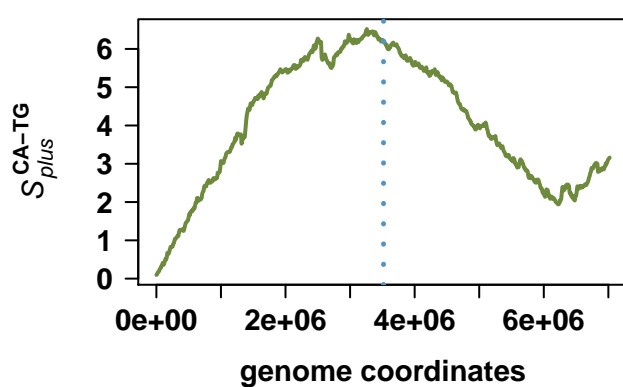
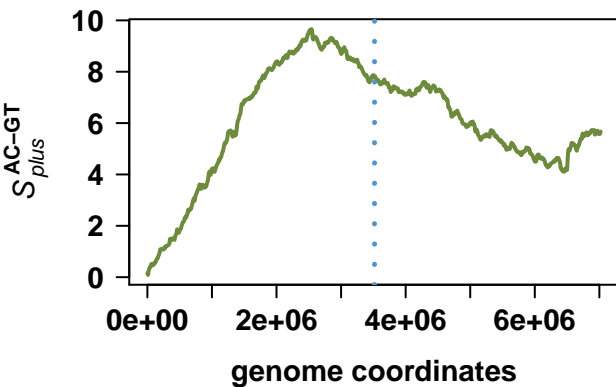
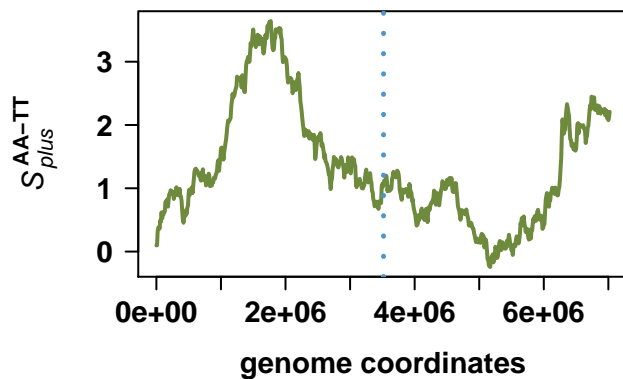
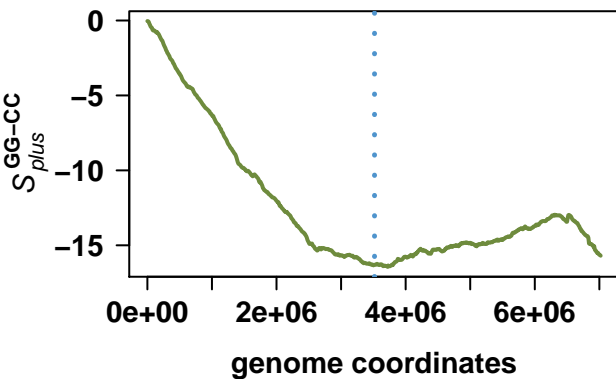
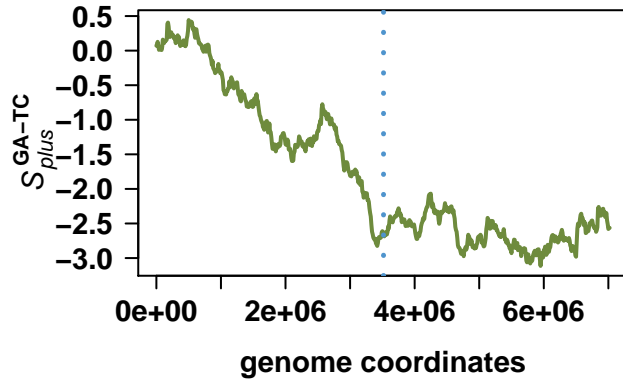
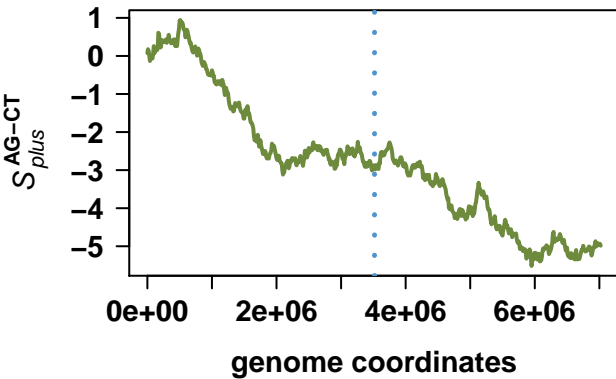
# Rubrobacter xylanophilus DSM 9941



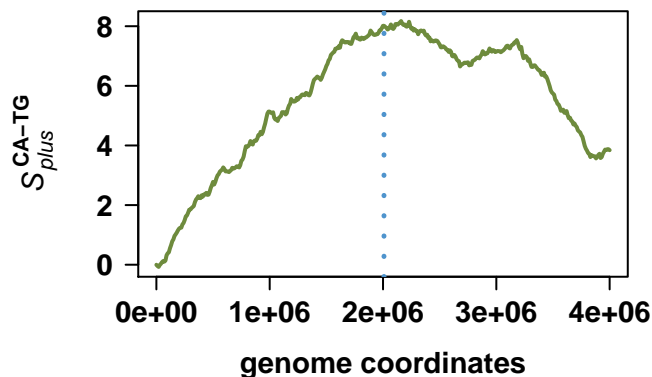
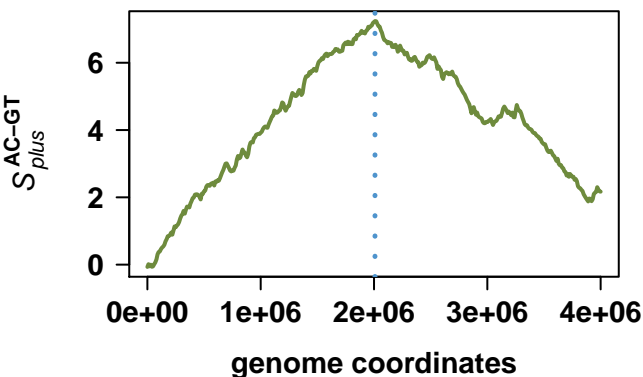
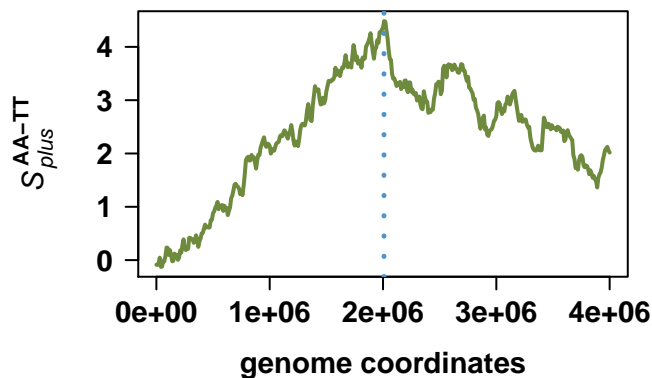
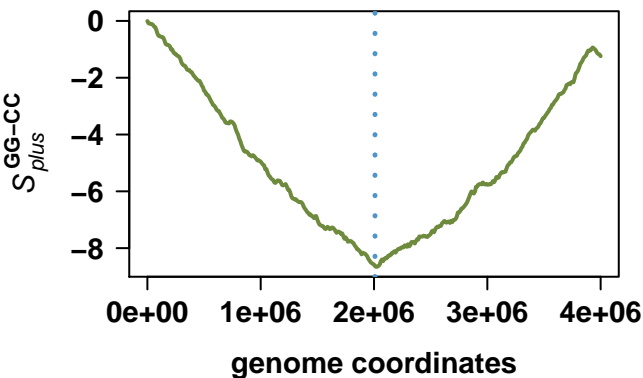
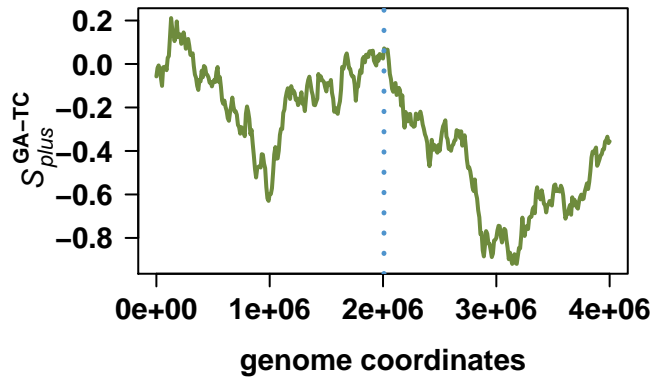
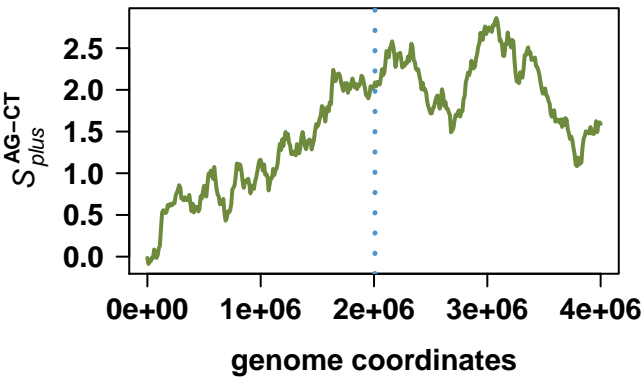
# Rickettsia prowazekii str. Madrid E



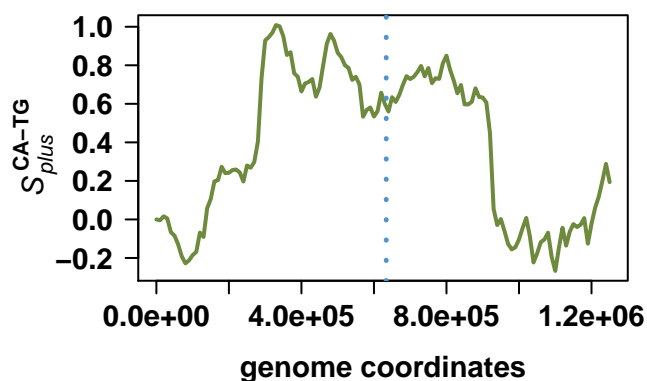
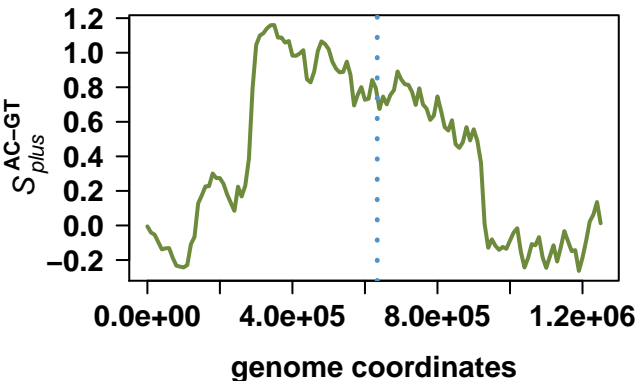
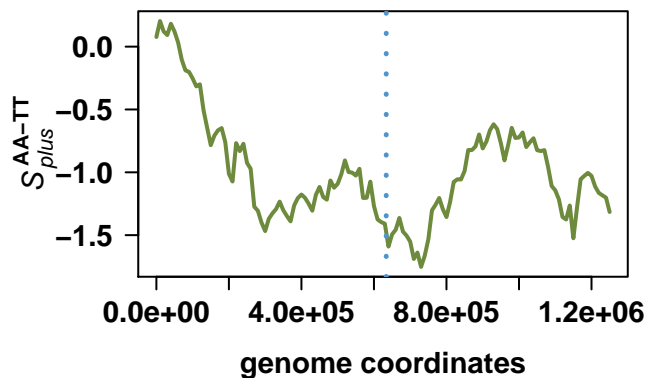
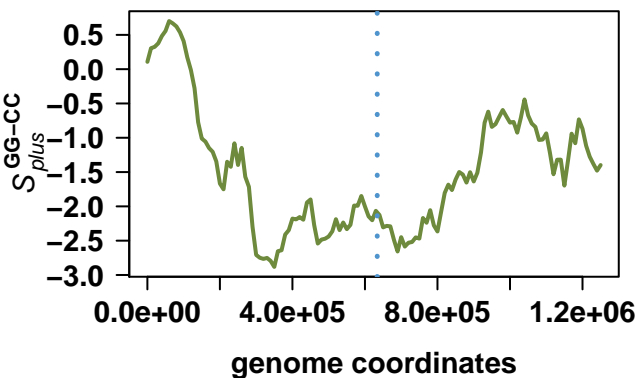
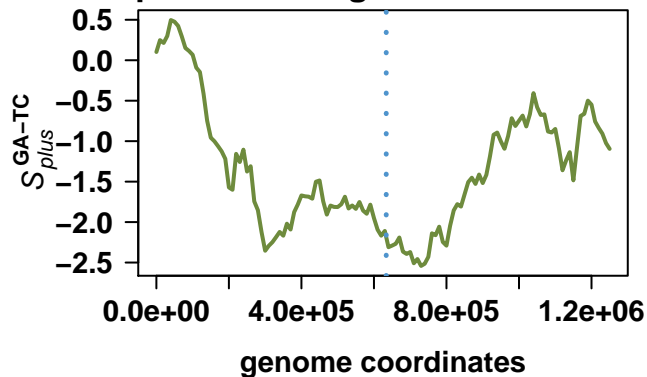
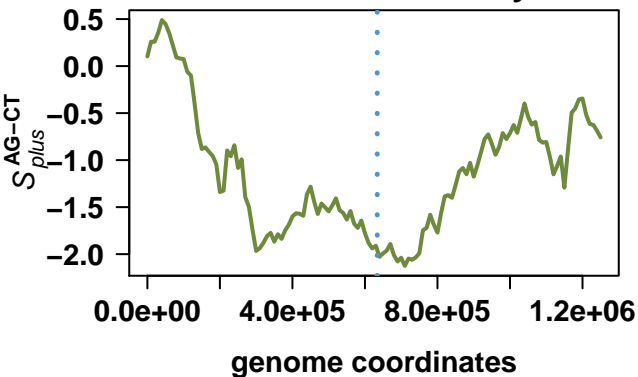
# Mesorhizobium loti MAFF303099



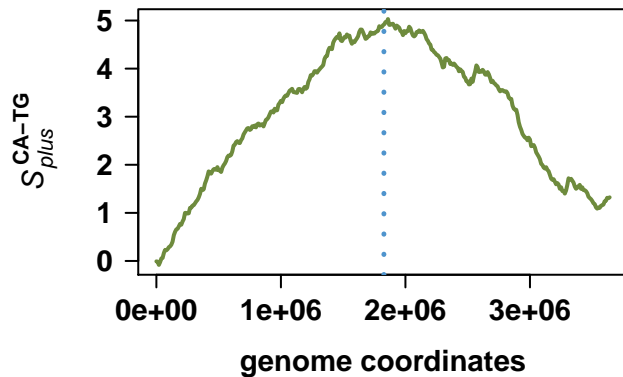
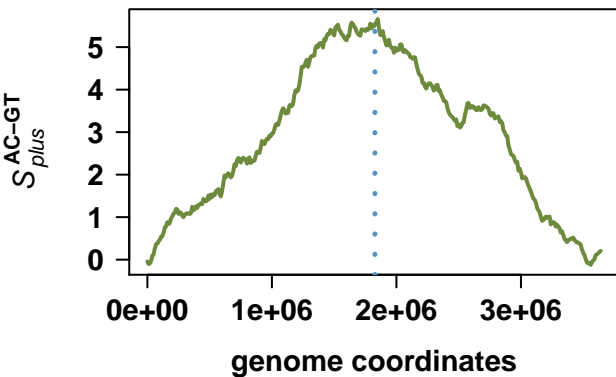
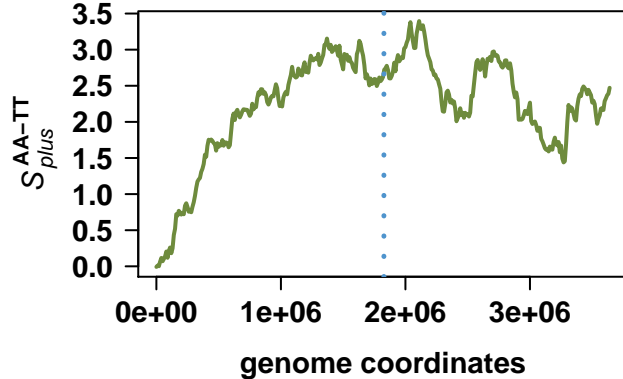
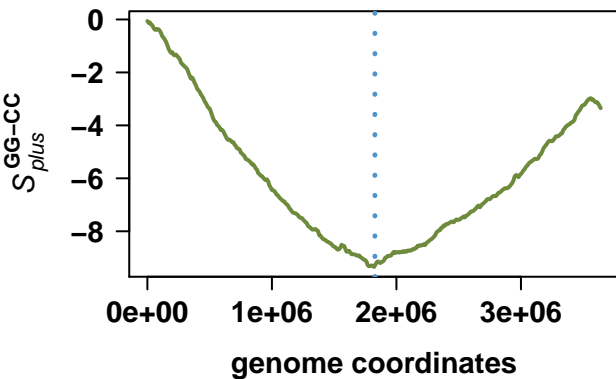
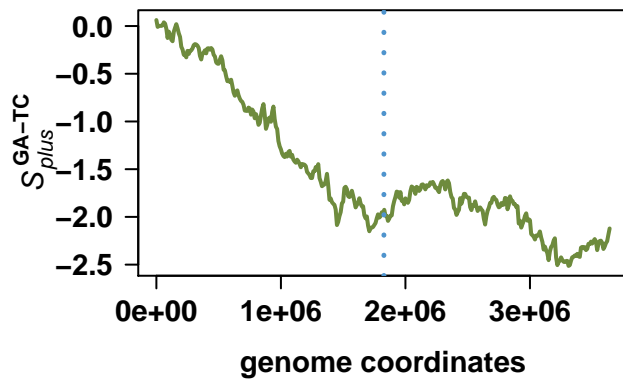
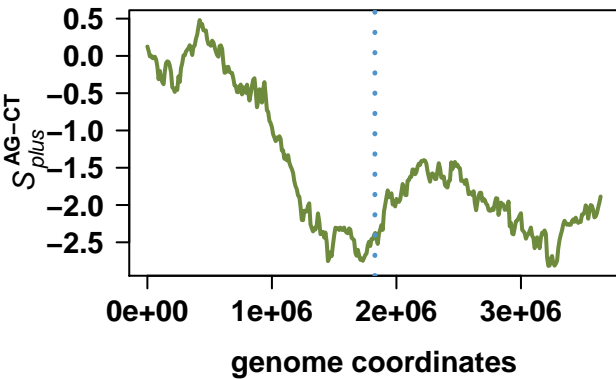
# Caulobacter crescentus CB15



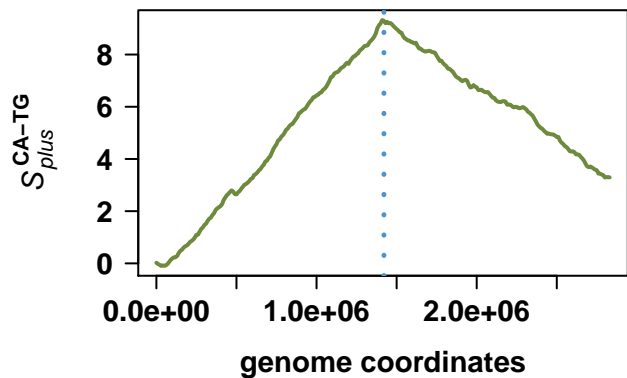
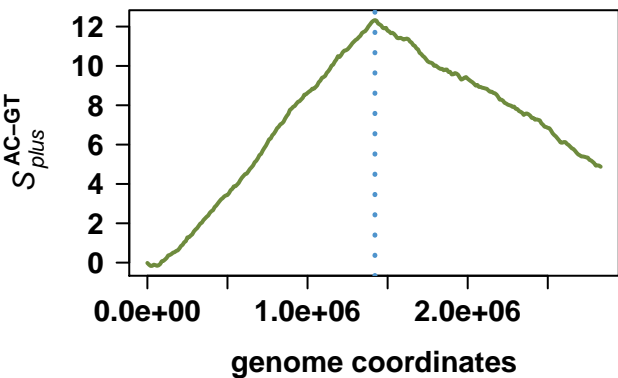
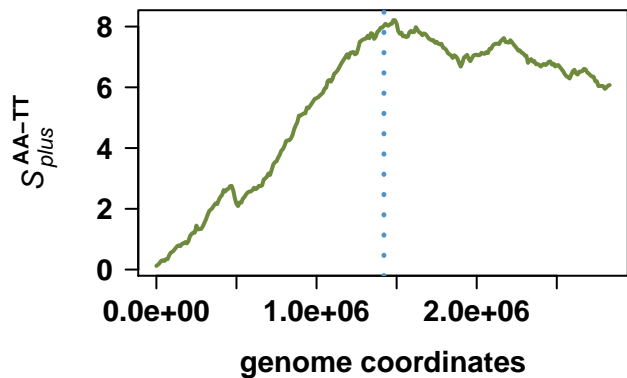
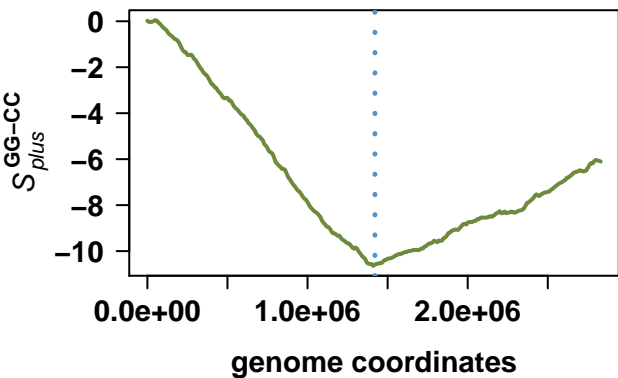
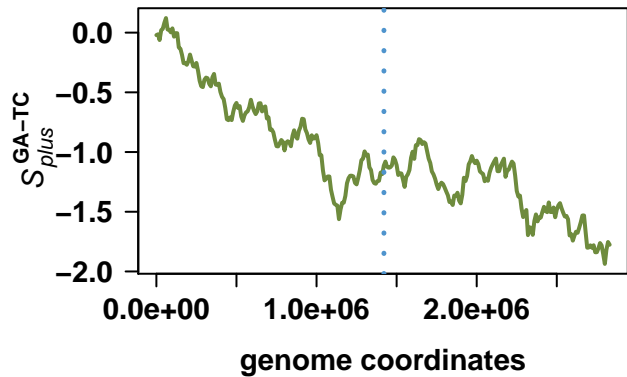
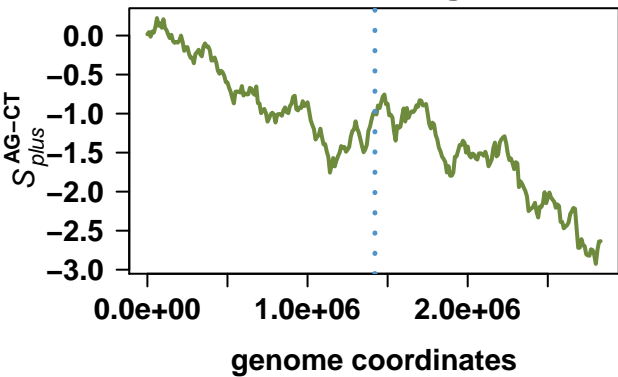
# Wolbachia endosymbiont of *Drosophila melanogaster*



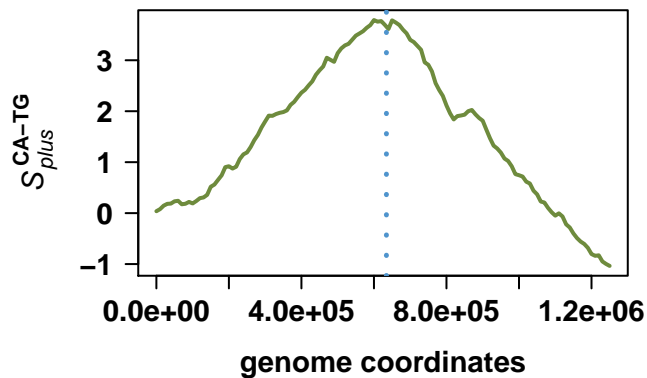
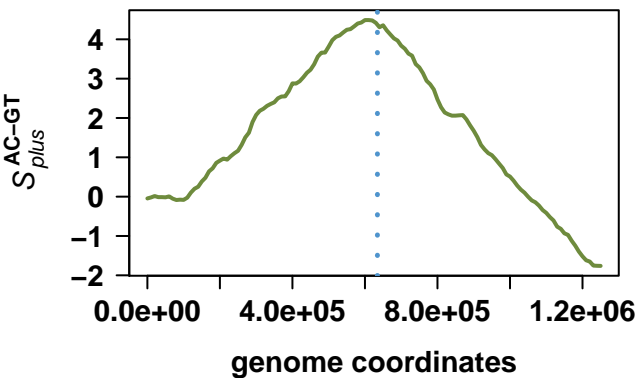
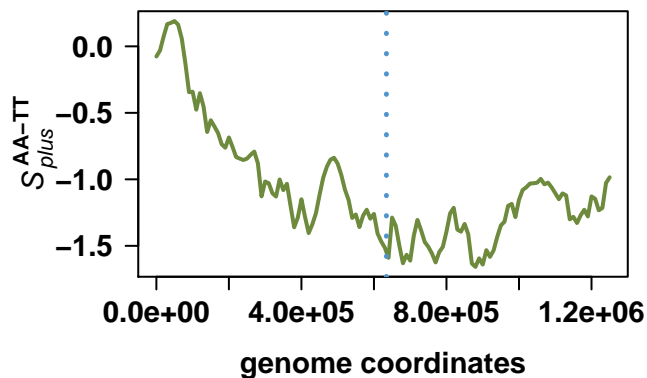
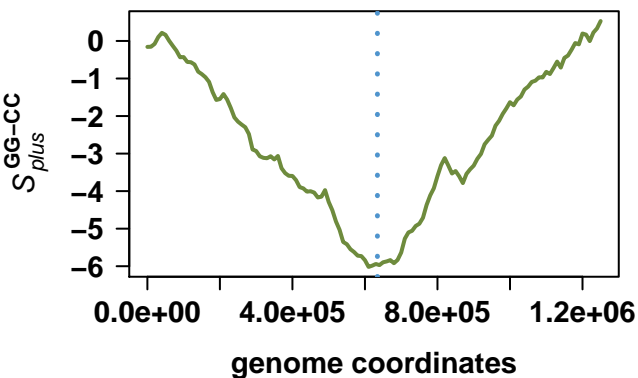
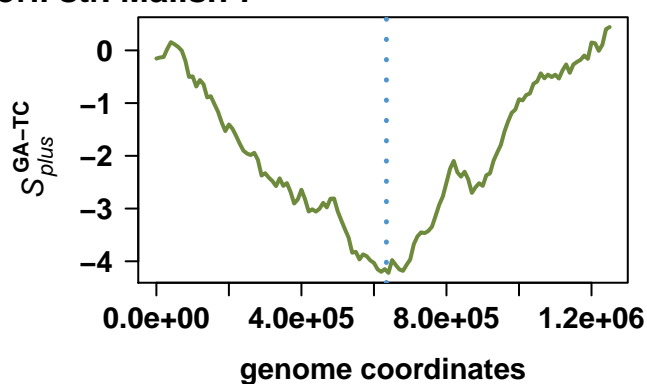
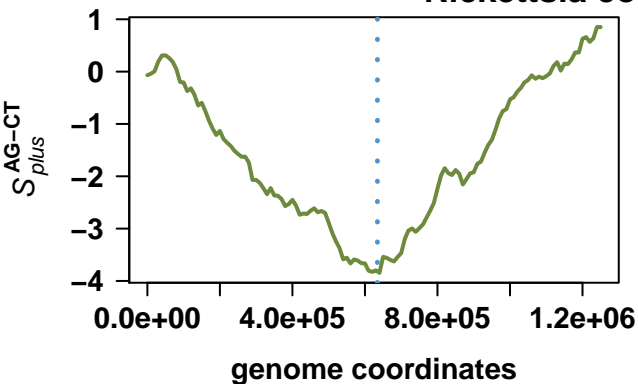
# Sinorhizobium meliloti 1021



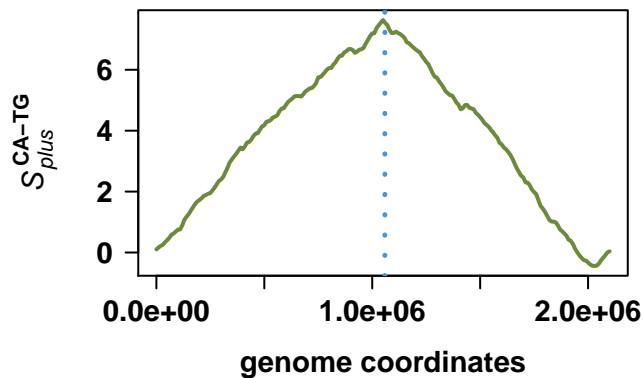
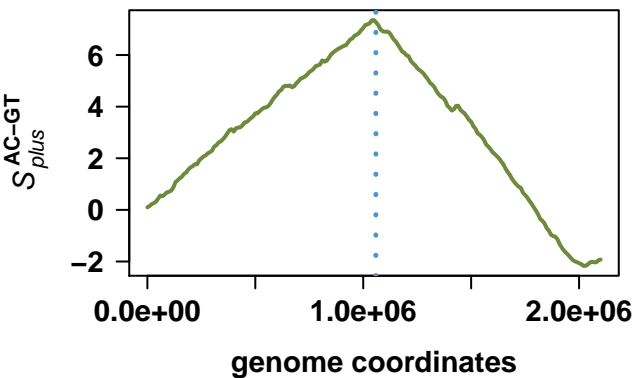
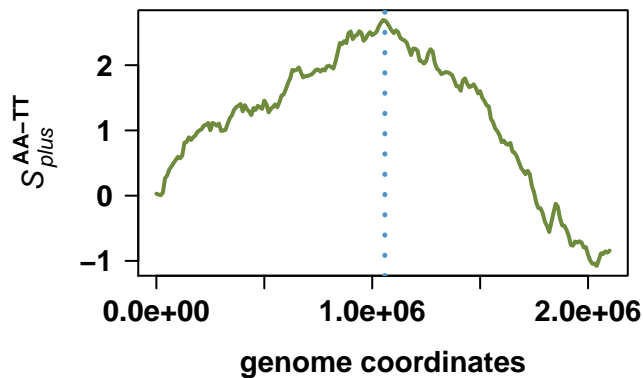
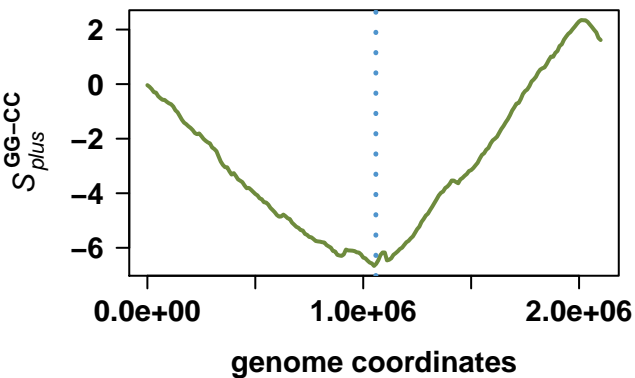
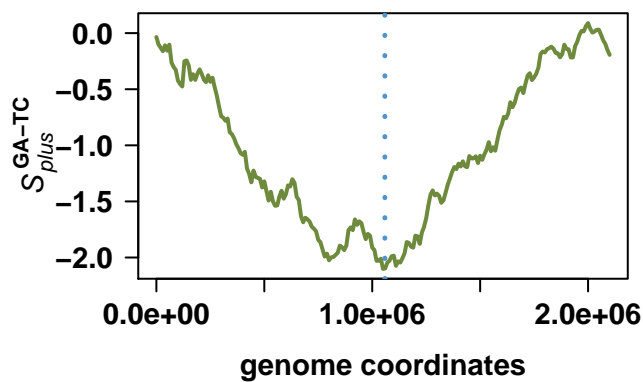
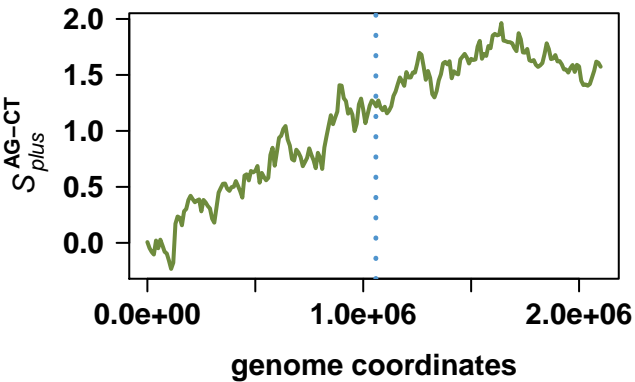
# Agrobacterium fabrum str. C58



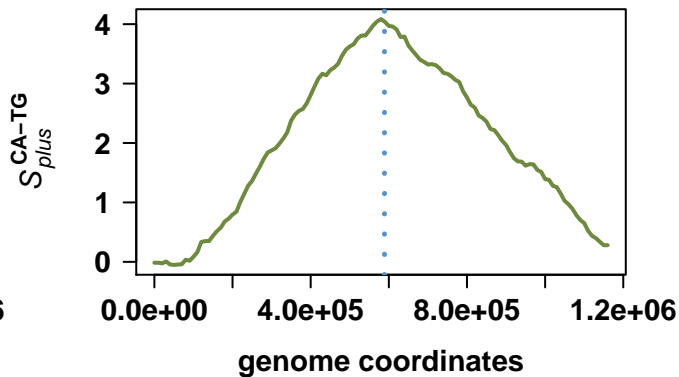
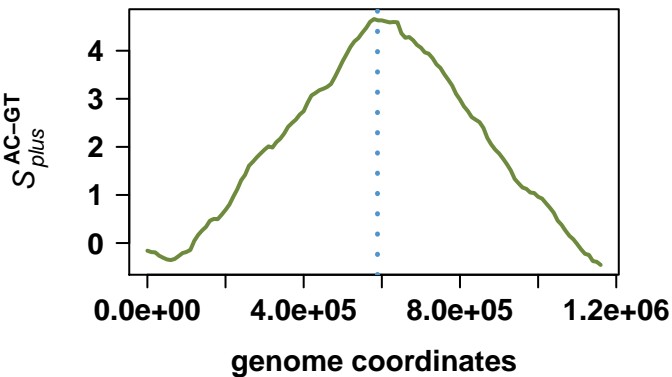
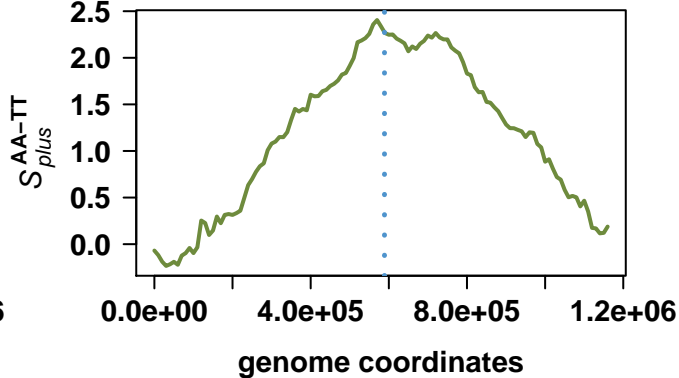
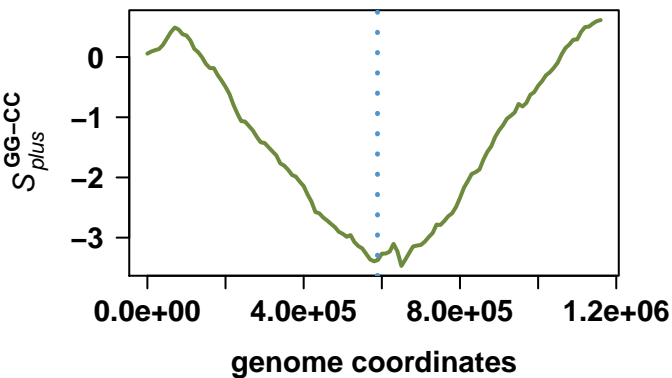
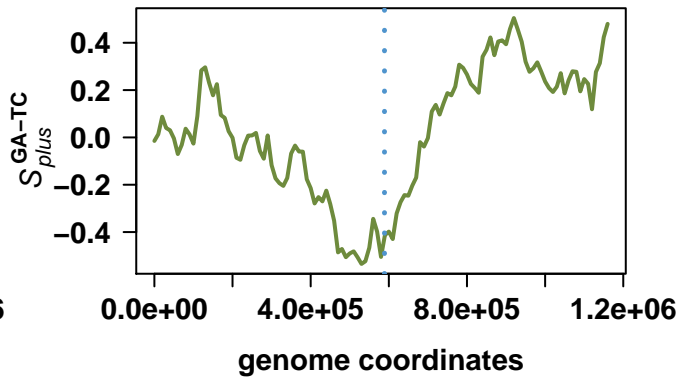
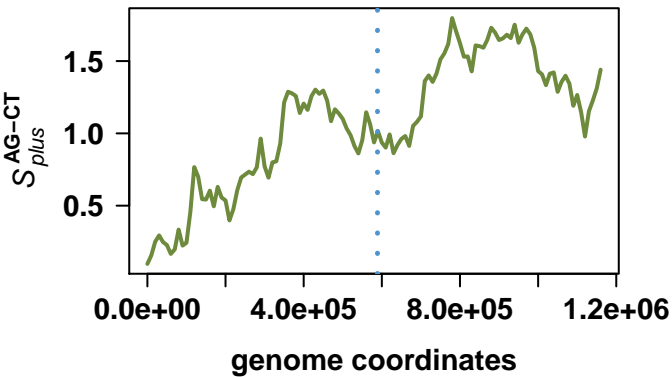
# Rickettsia conorii str. Malish 7



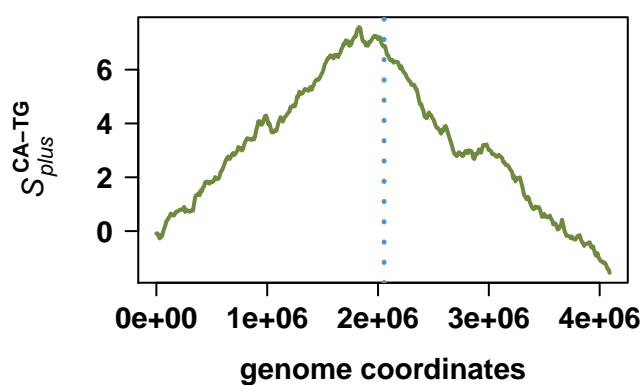
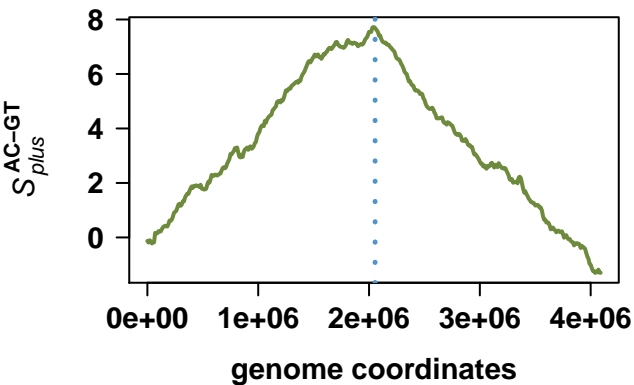
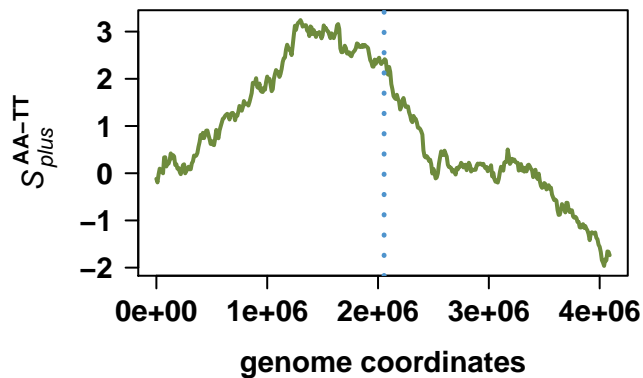
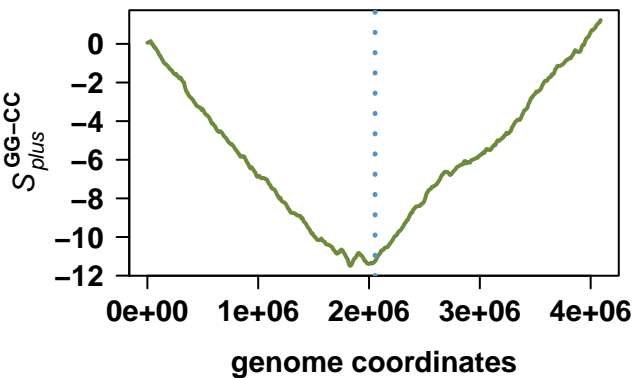
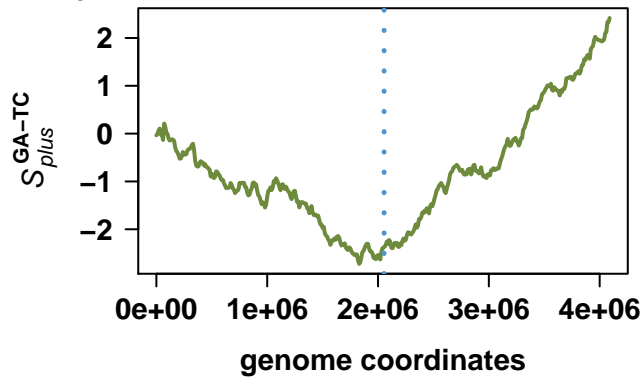
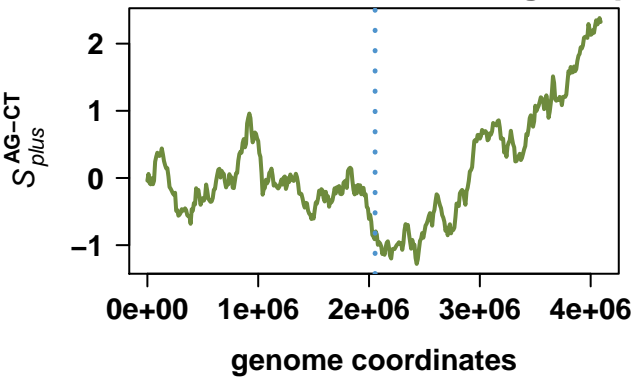
# Brucella melitensis bv. 1 str. 16M



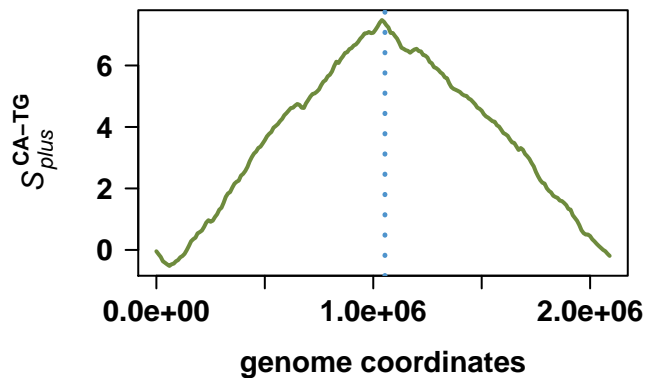
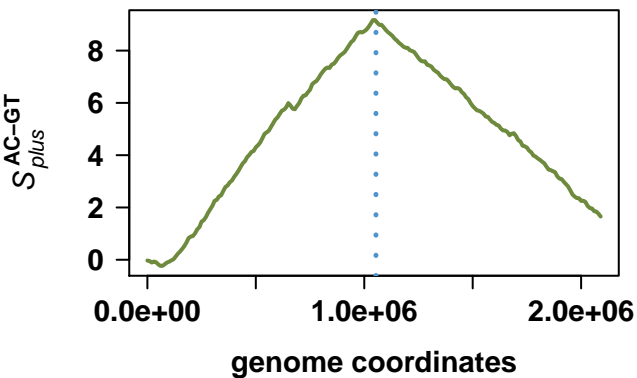
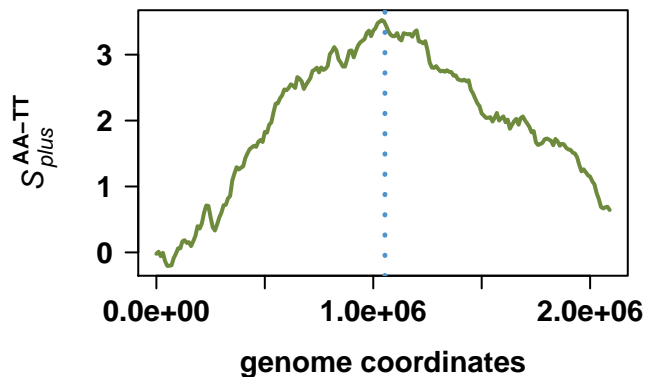
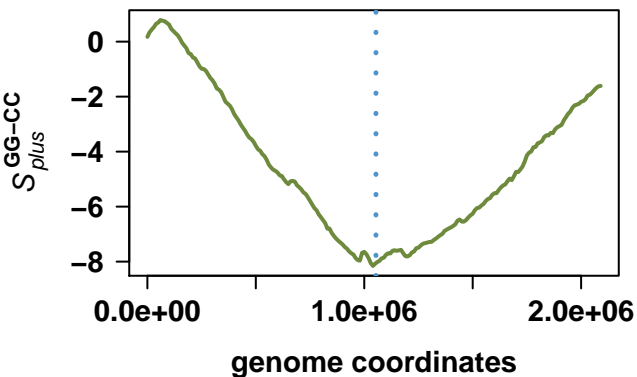
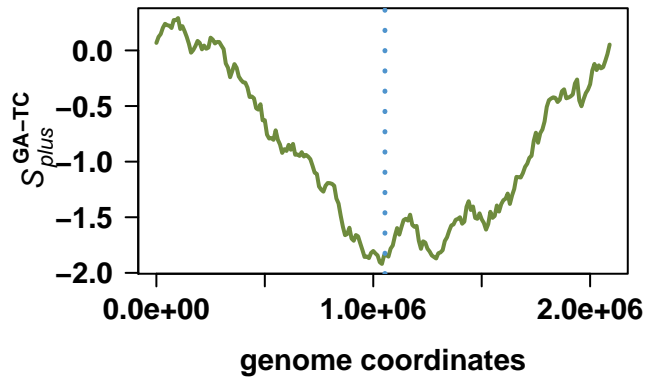
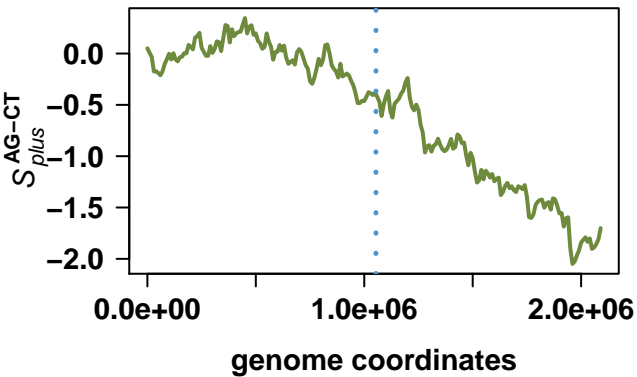
# Brucella melitensis bv. 1 str. 16M



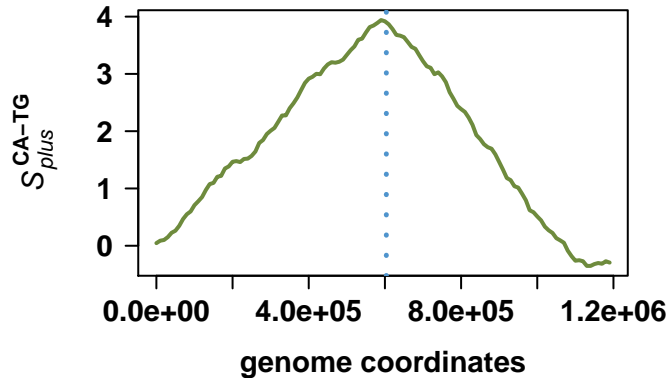
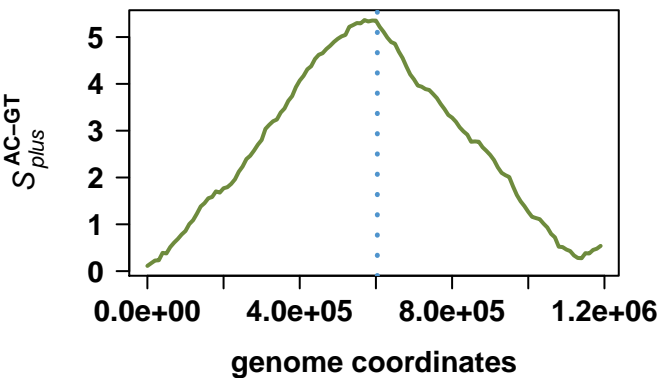
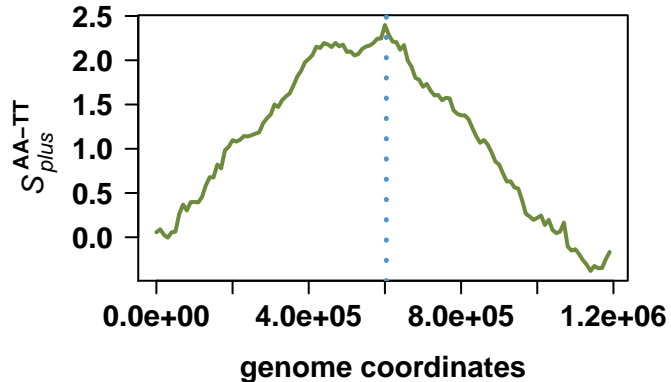
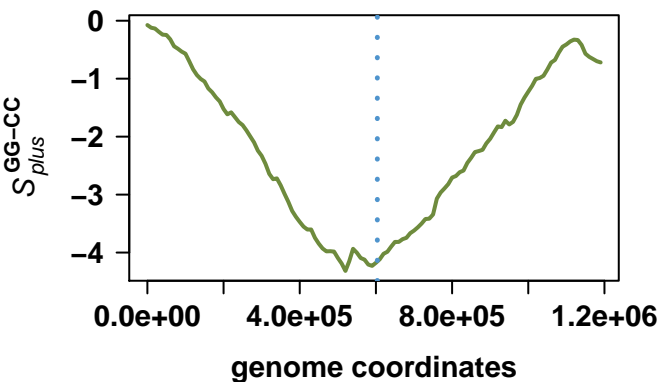
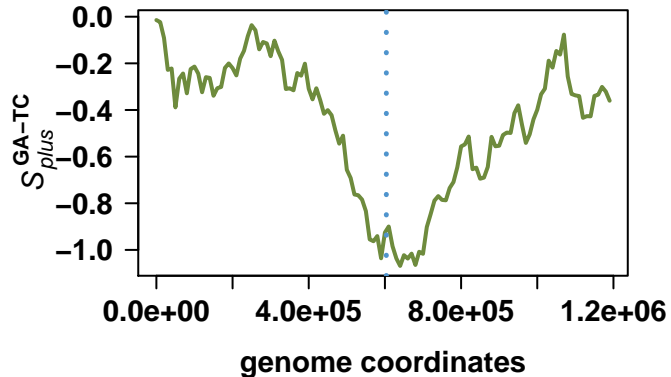
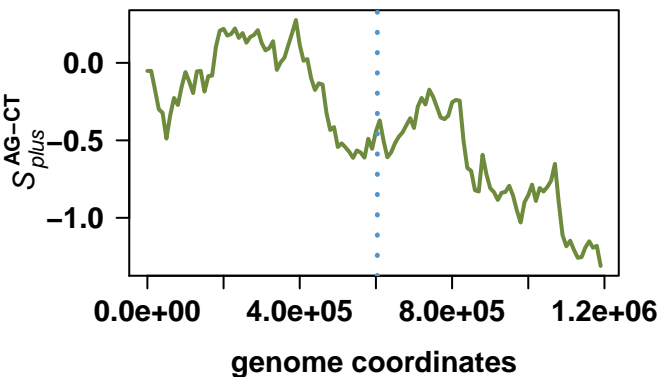
# Ruegeria pomeroyi DSS-3



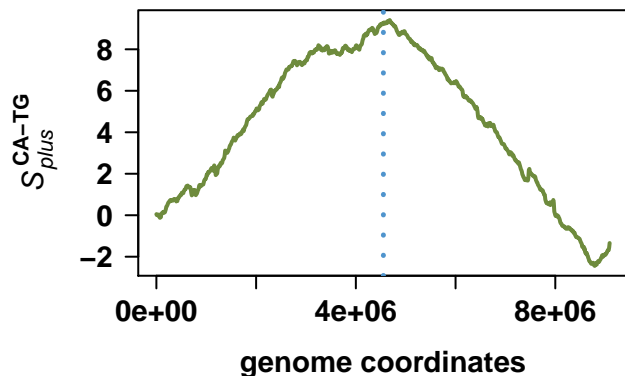
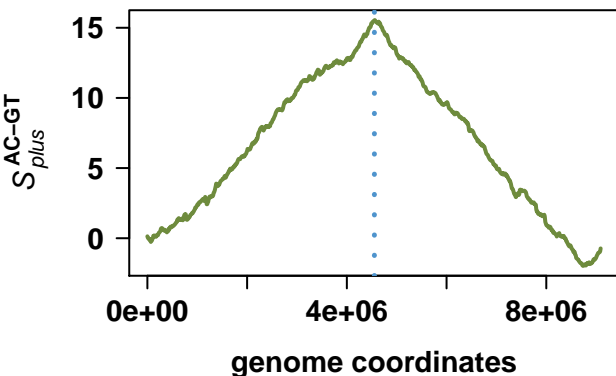
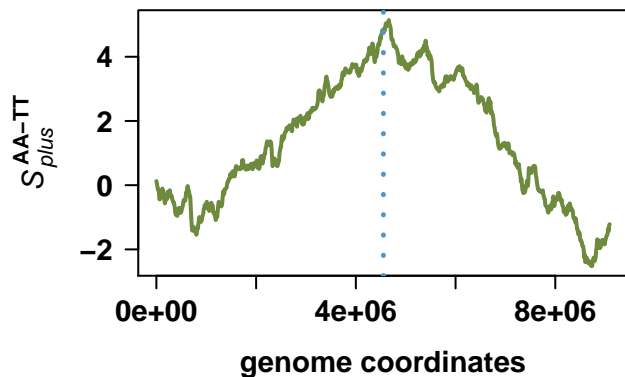
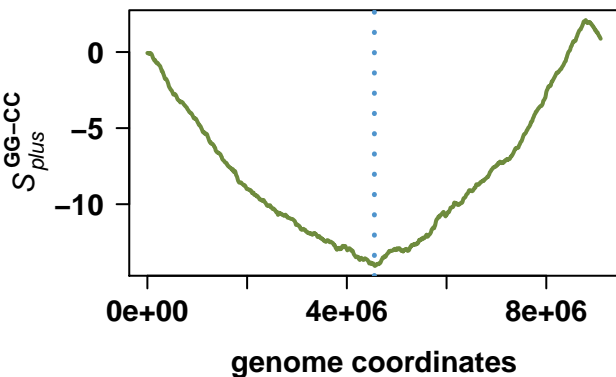
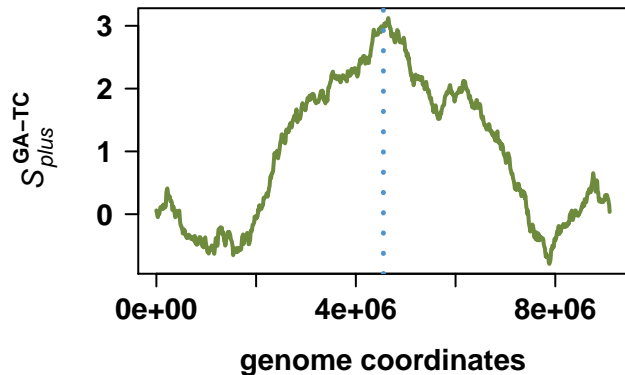
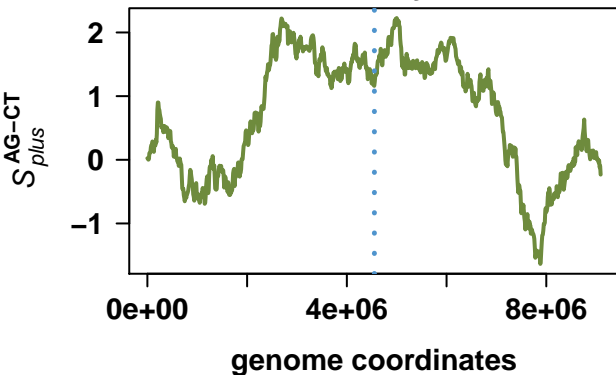
# Brucella suis 1330



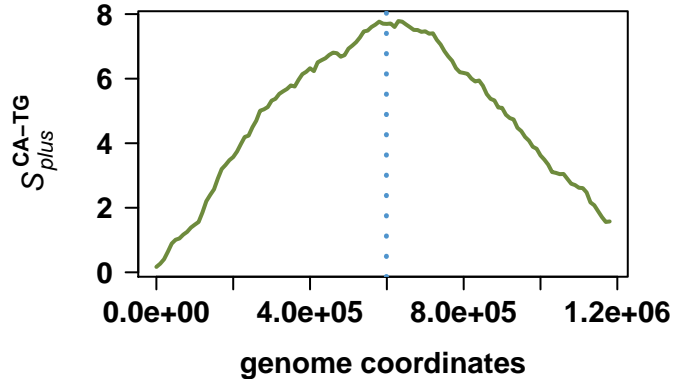
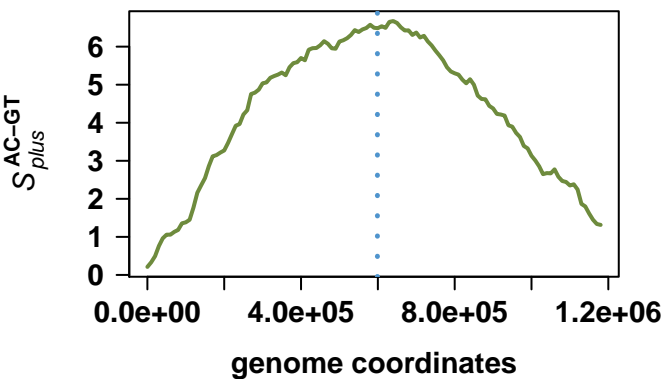
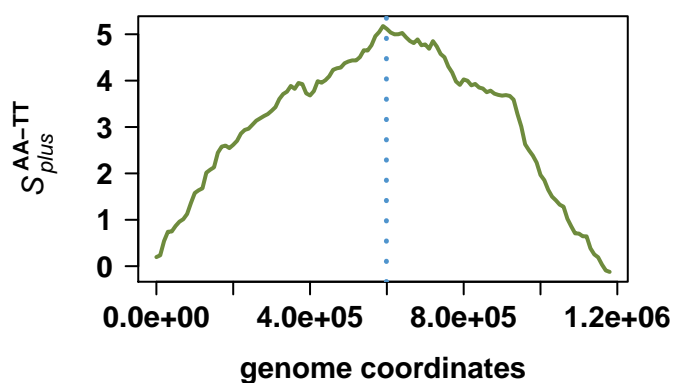
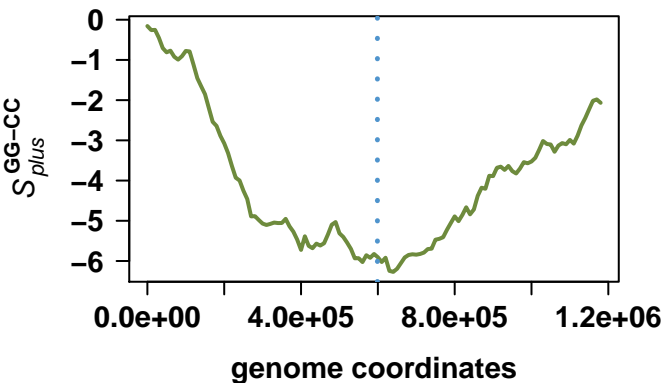
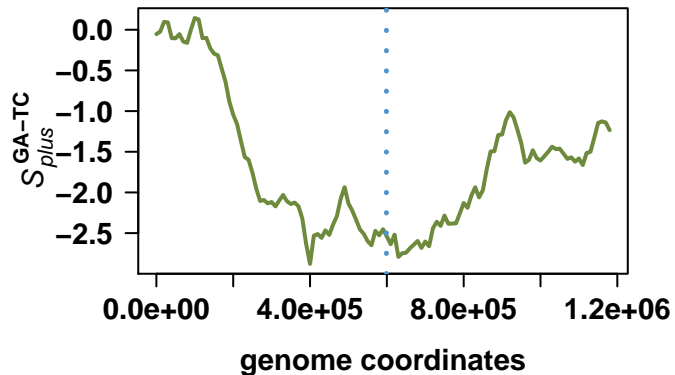
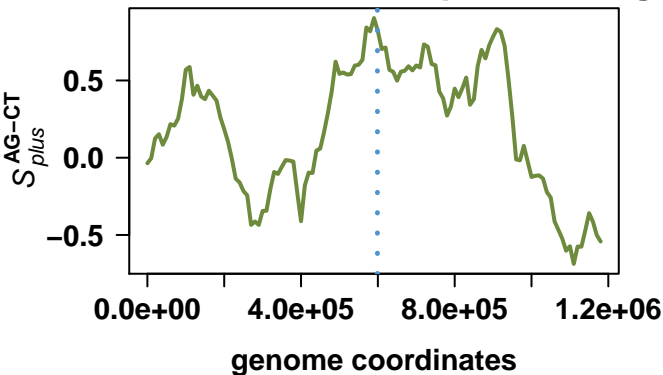
# Brucella suis 1330



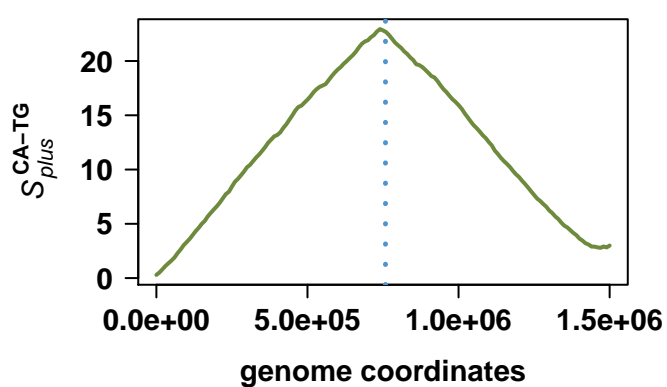
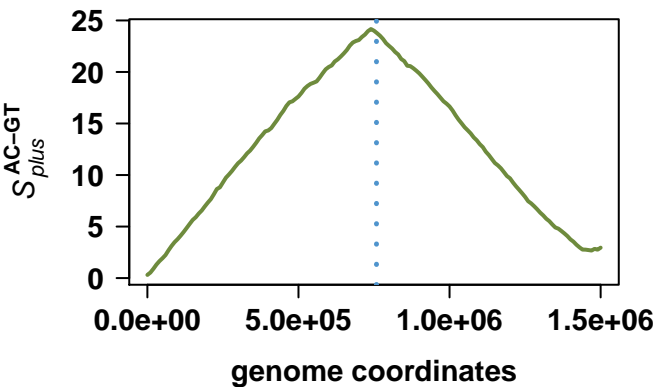
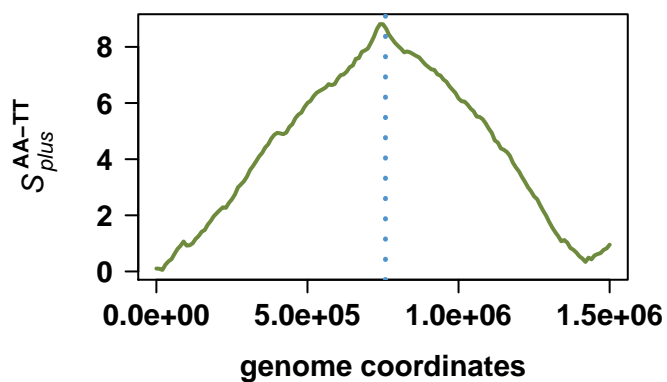
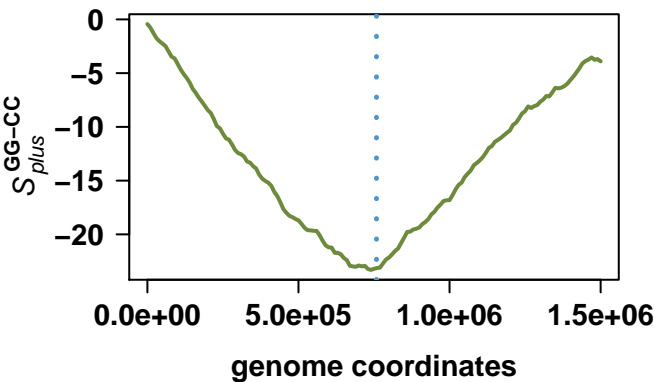
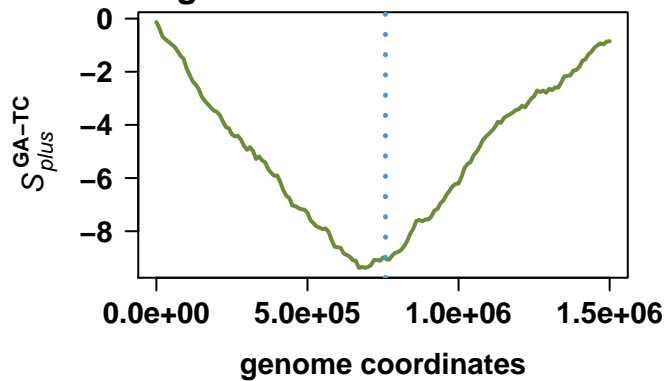
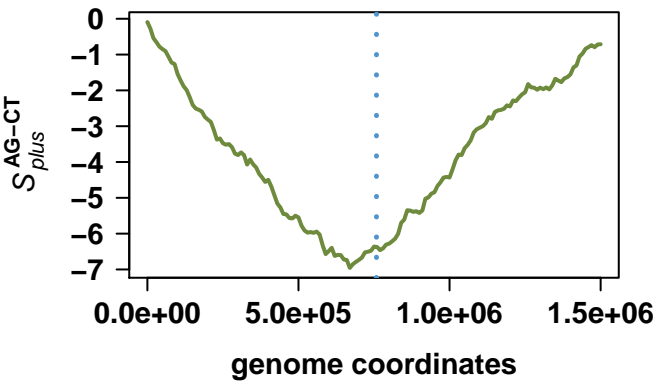
# Bradyrhizobium diazoefficiens USDA 110



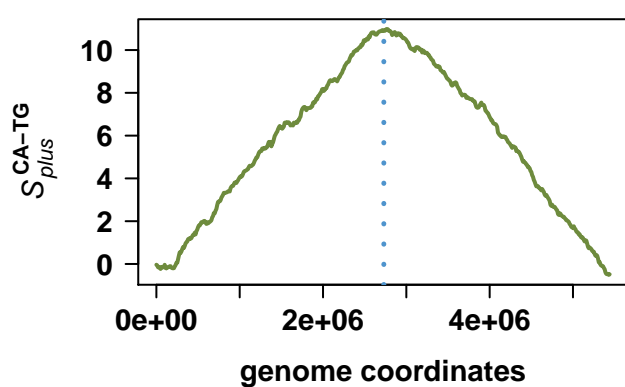
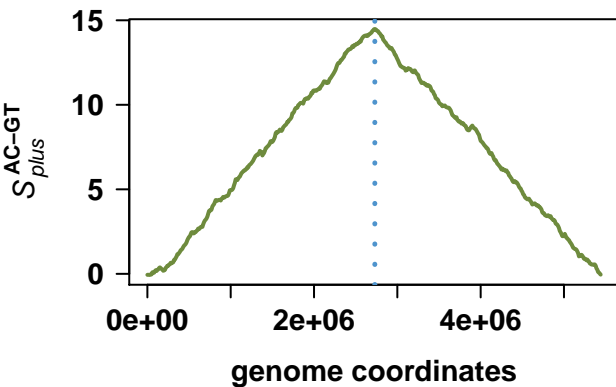
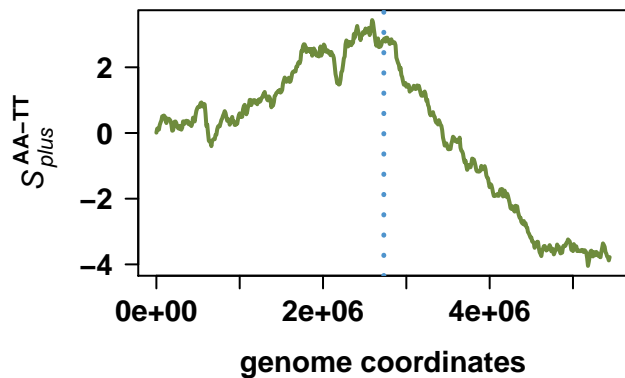
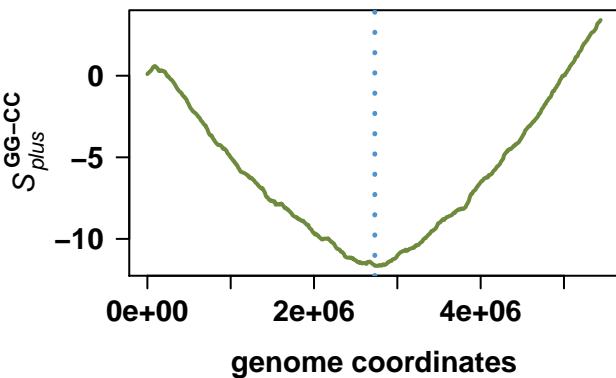
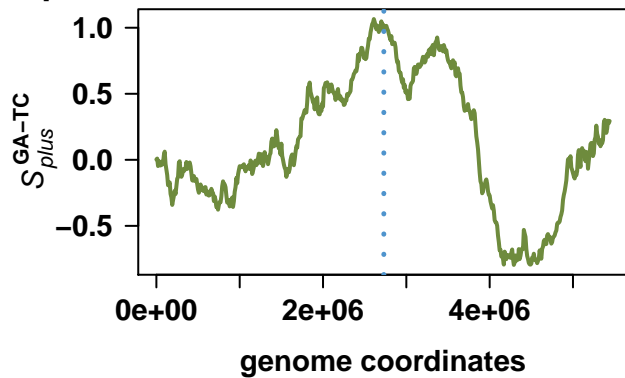
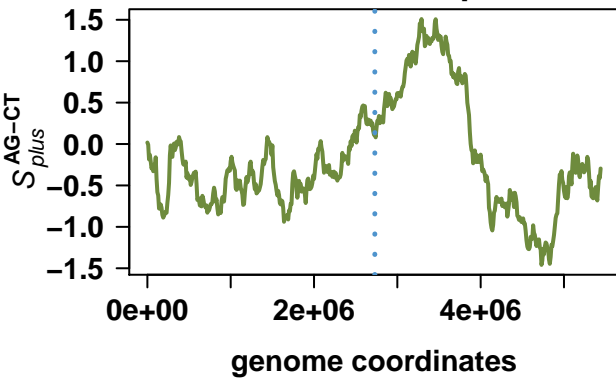
# Anaplasma marginale str. St. Maries



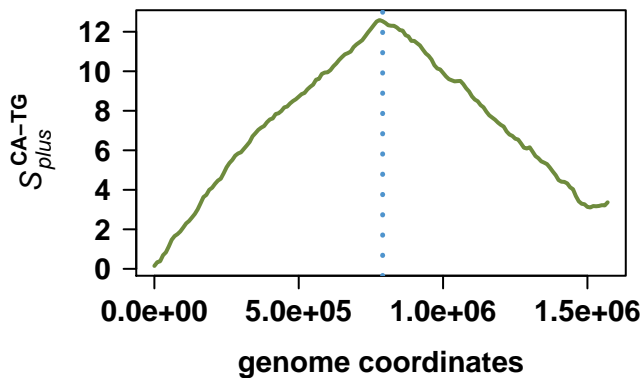
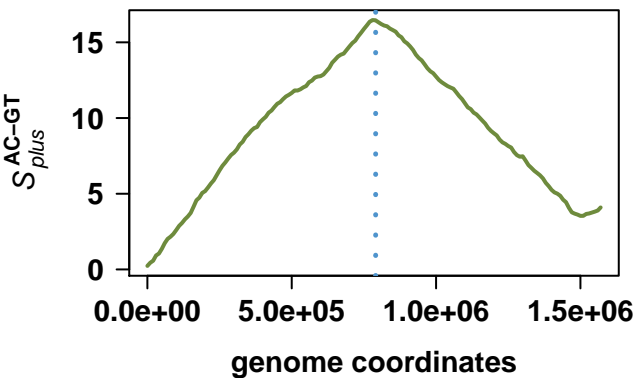
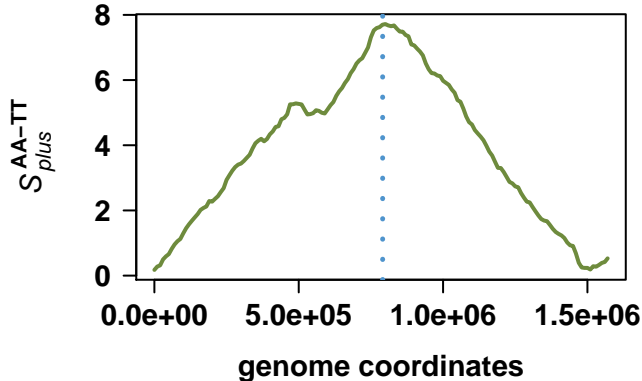
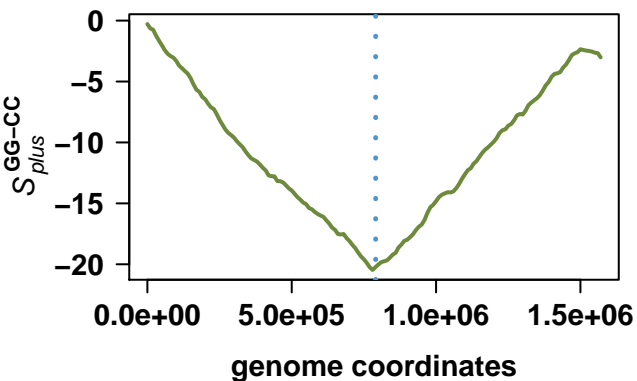
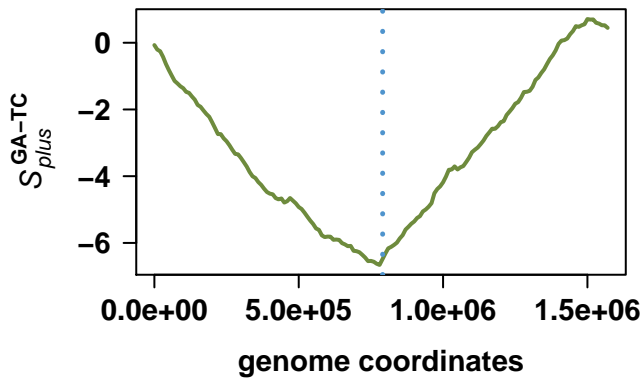
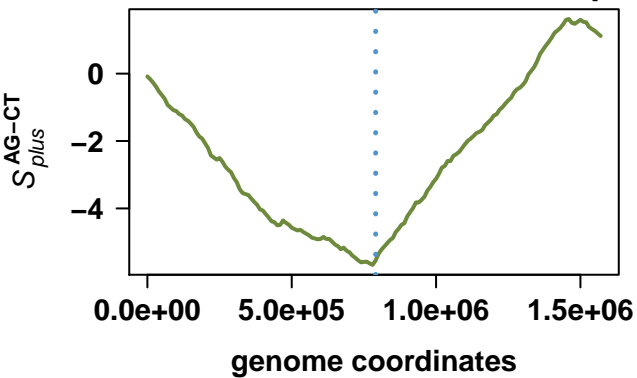
# *Ehrlichia ruminantium* str. Welgevonden



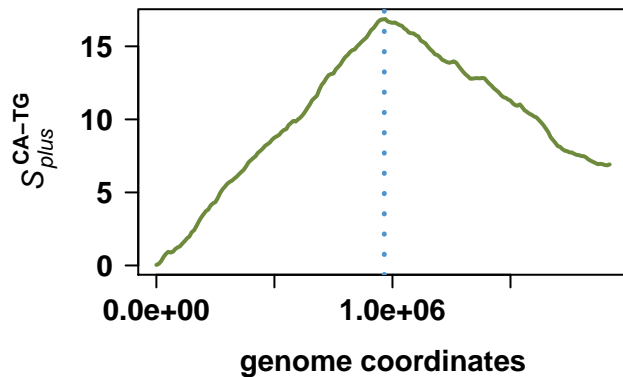
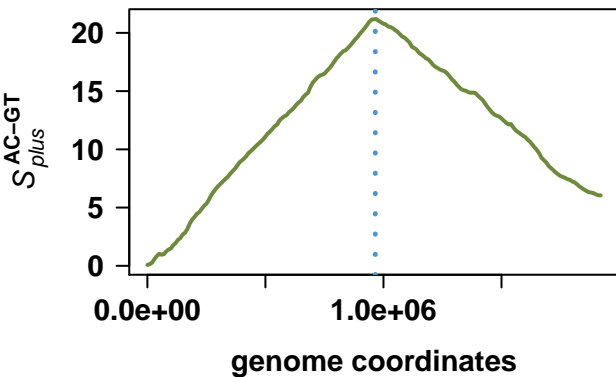
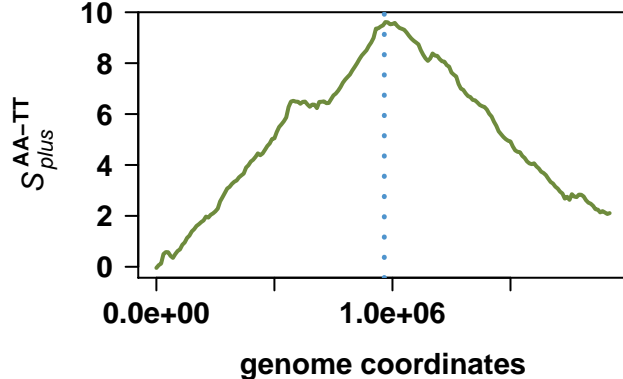
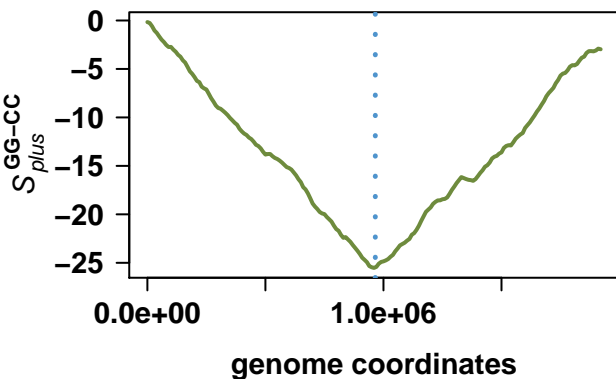
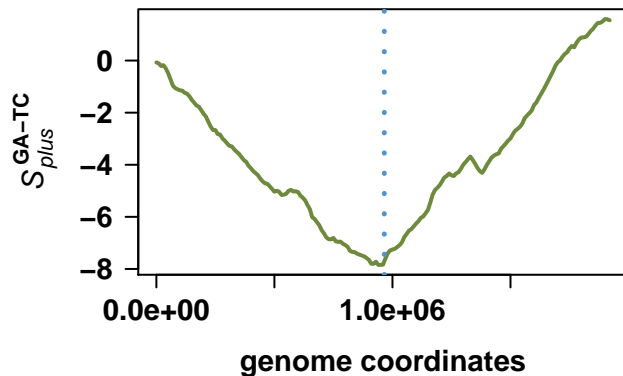
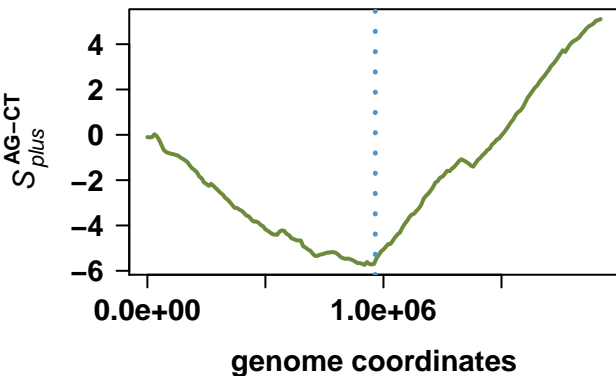
# Rhodopseudomonas palustris CGA009



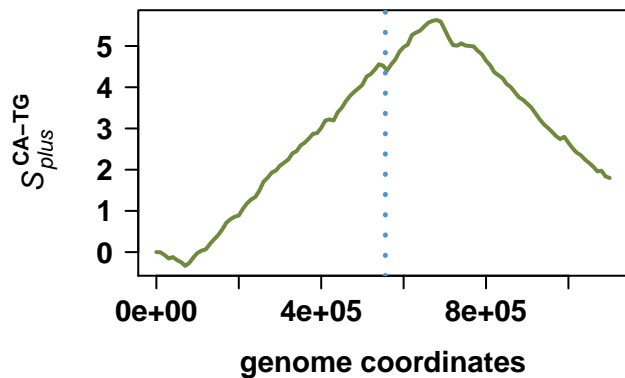
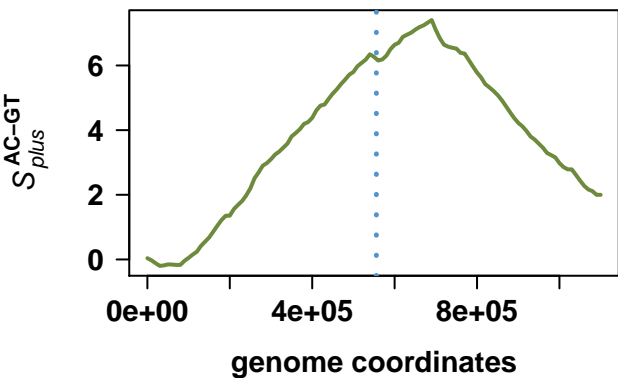
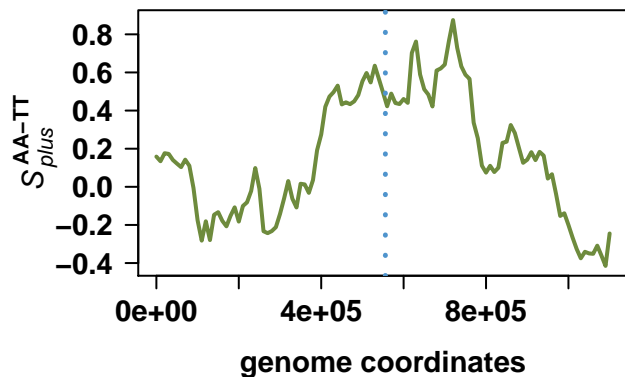
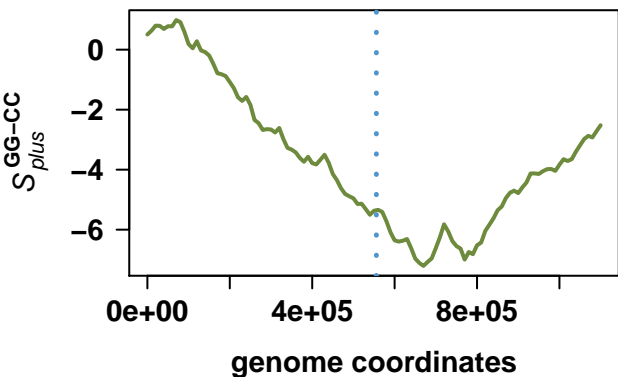
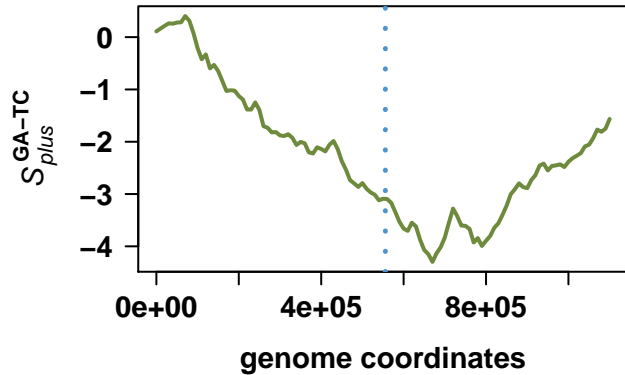
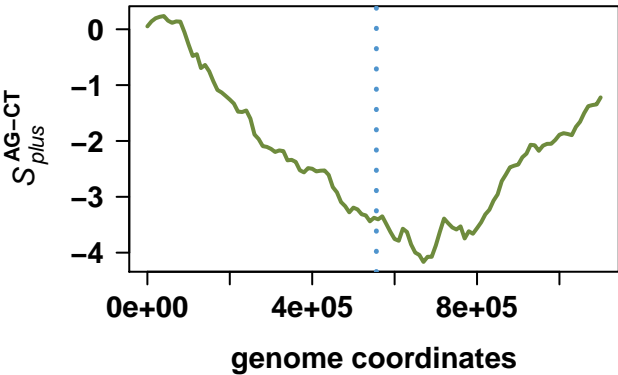
# Bartonella quintana str. Toulouse



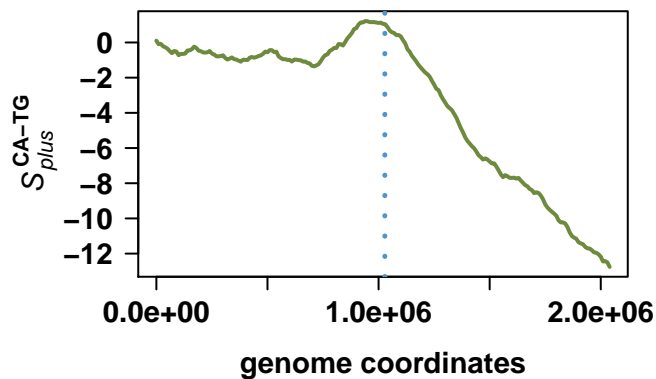
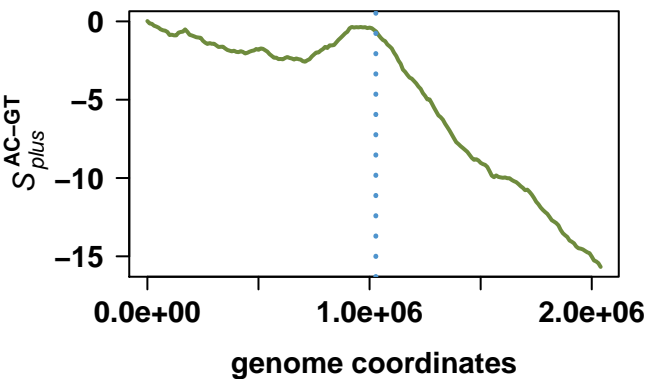
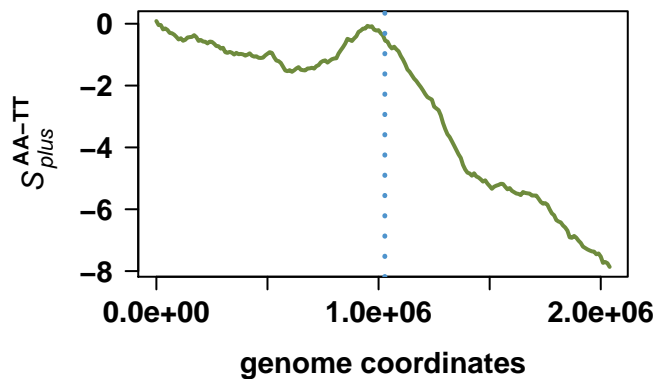
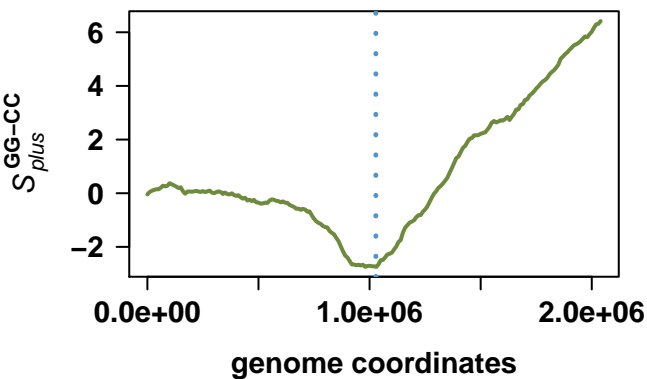
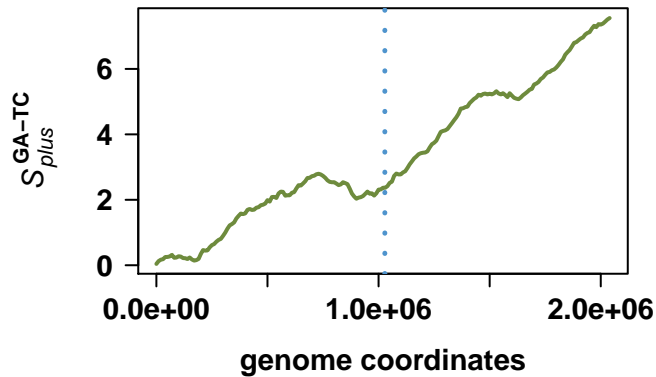
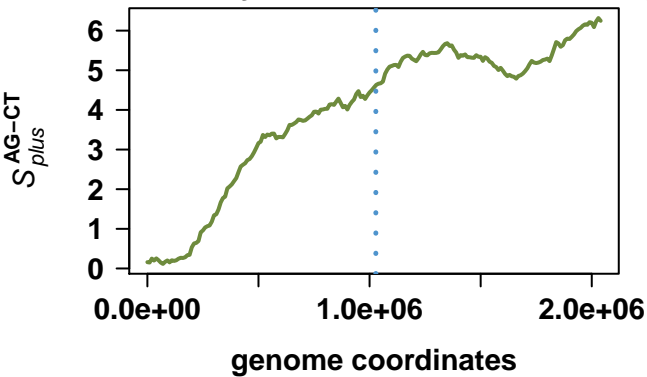
# Bartonella henselae str. Houston-1



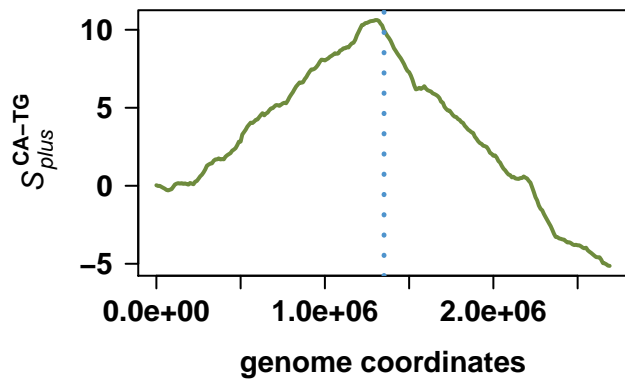
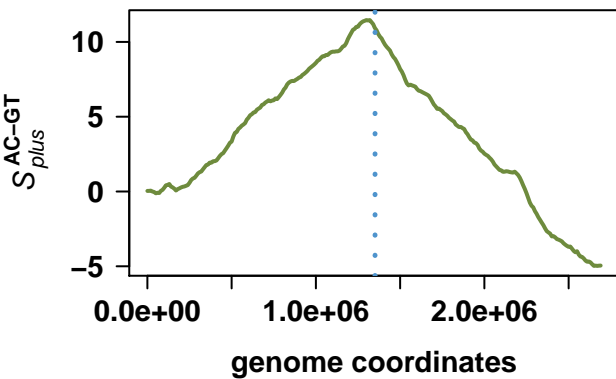
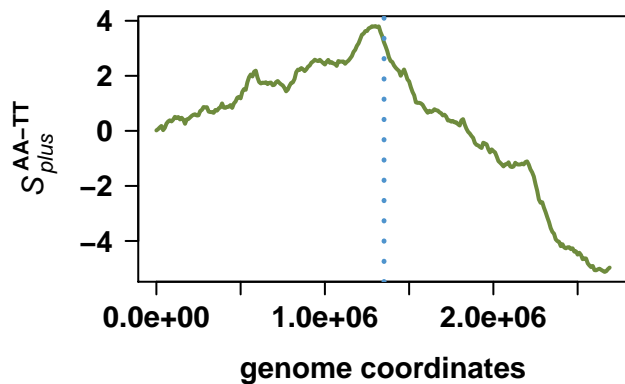
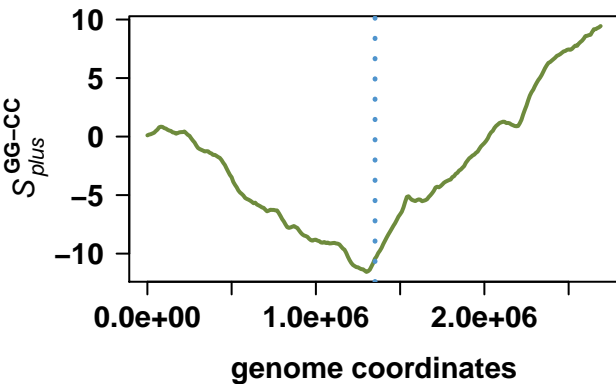
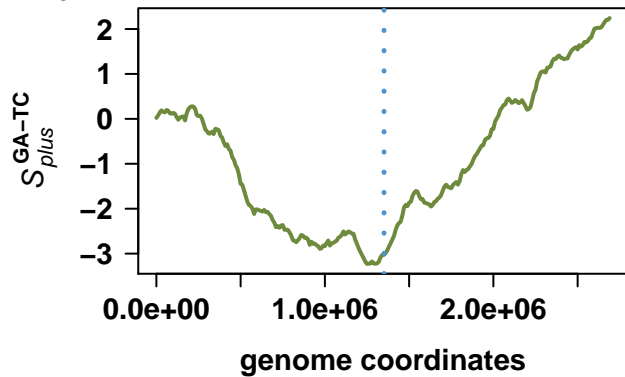
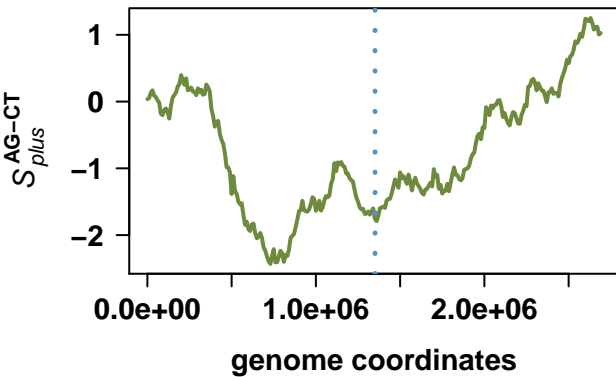
# Rickettsia typhi str. Wilmington



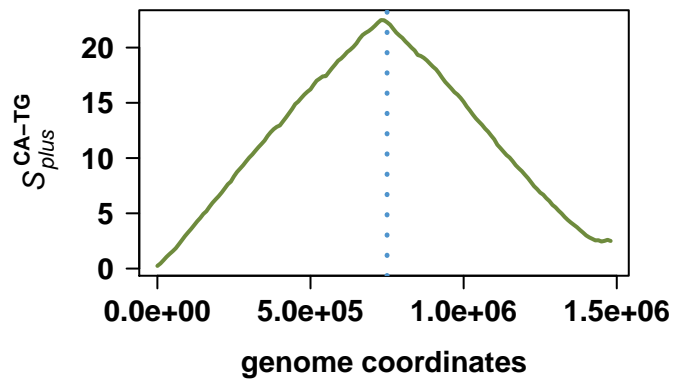
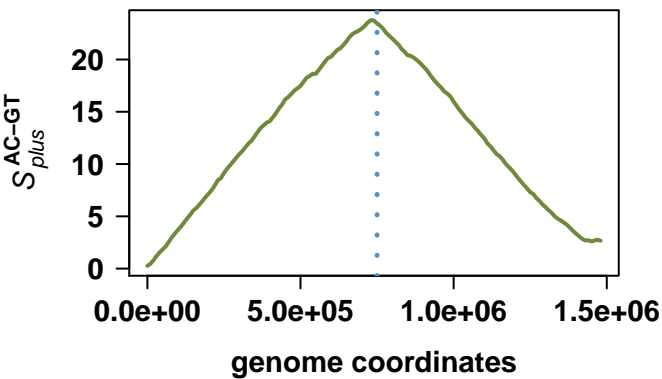
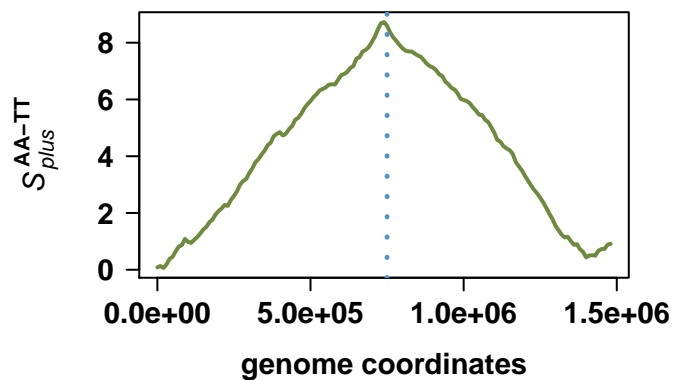
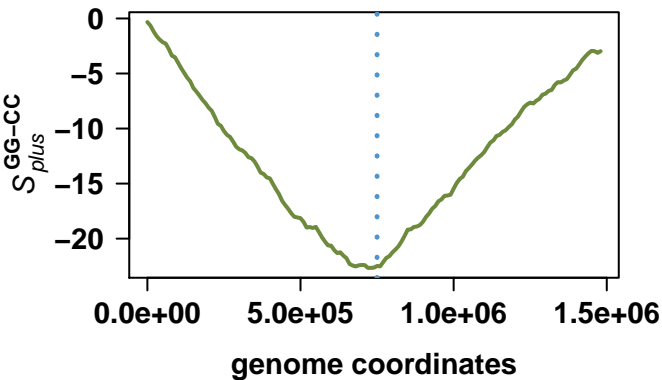
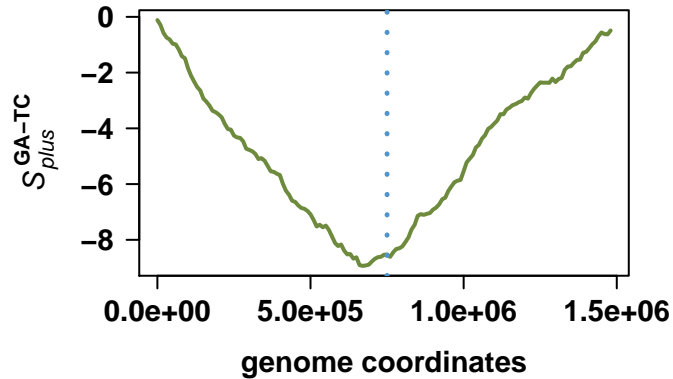
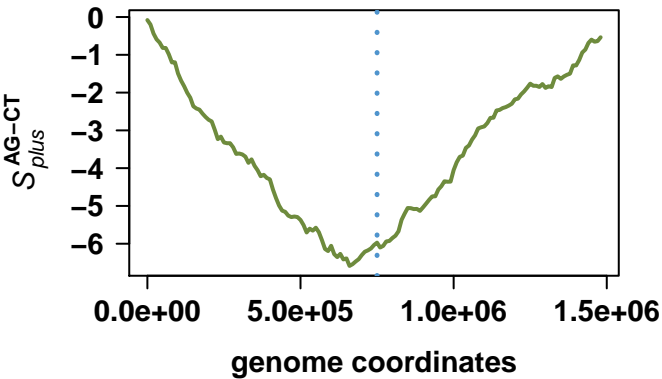
# Zymomonas mobilis subsp. mobilis ZM4 = ATCC 31821



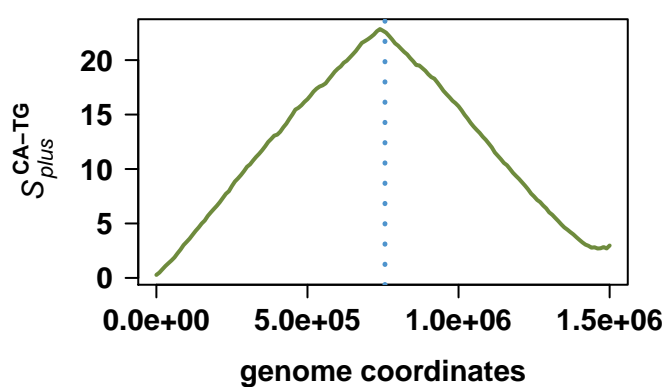
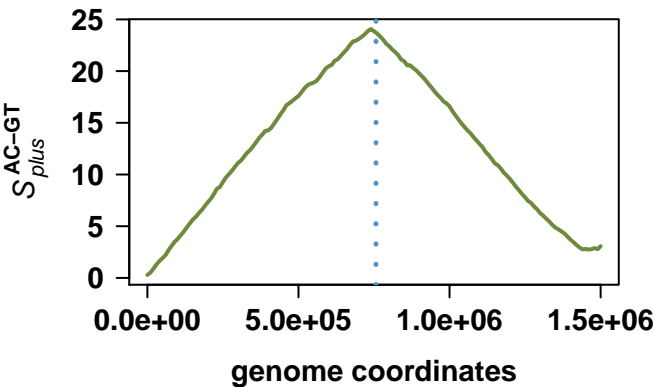
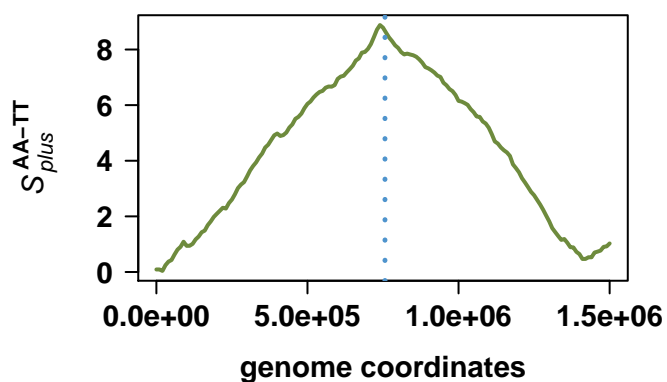
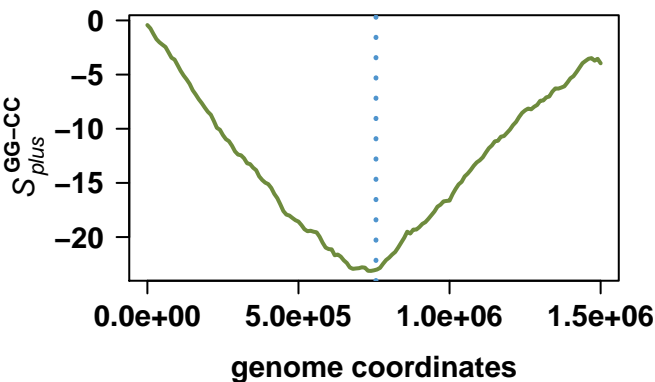
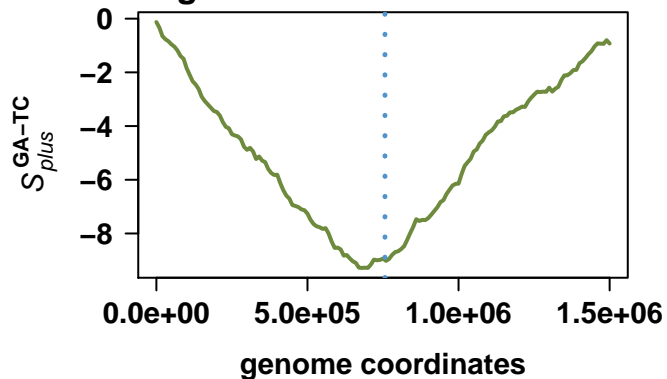
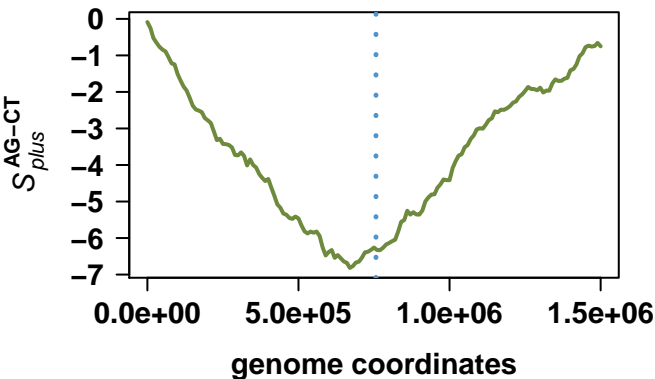
# Gluconobacter oxydans 621H



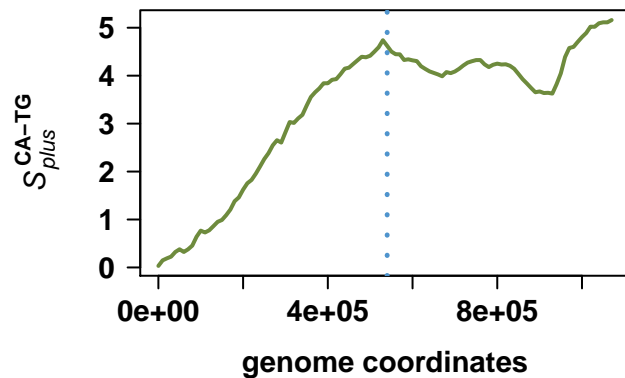
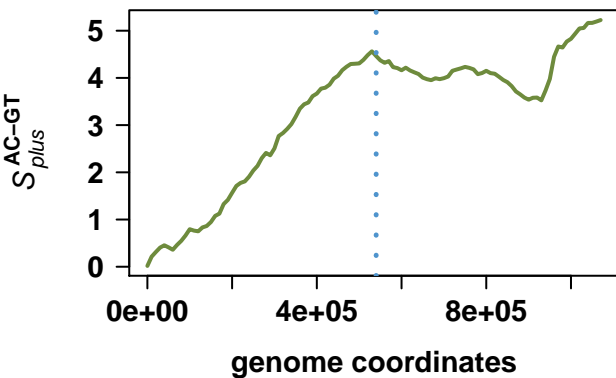
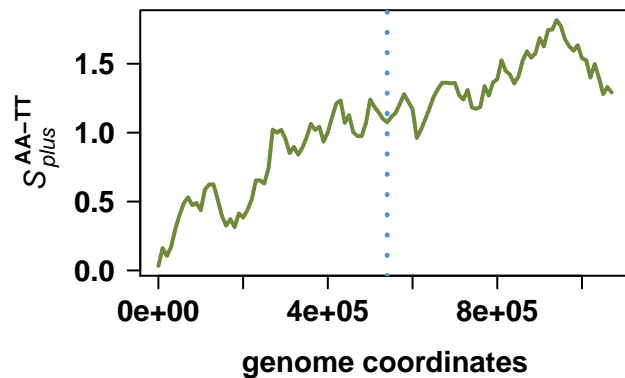
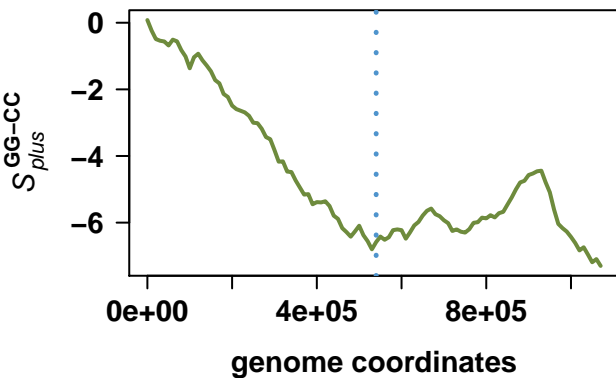
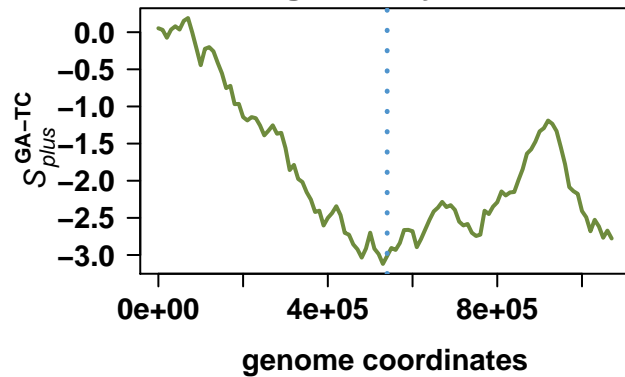
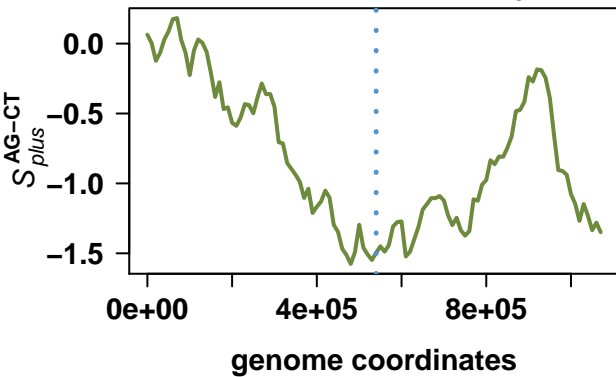
# Ehrlichia ruminantium str. Gardel



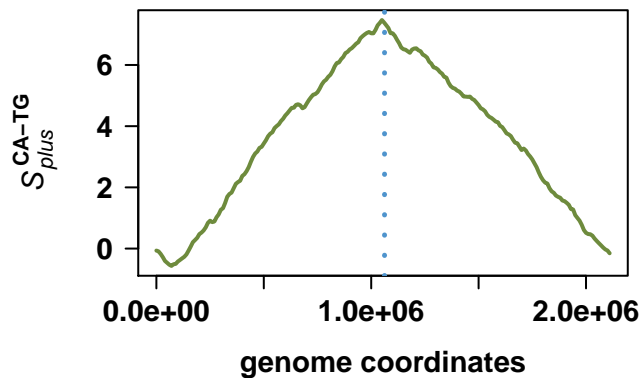
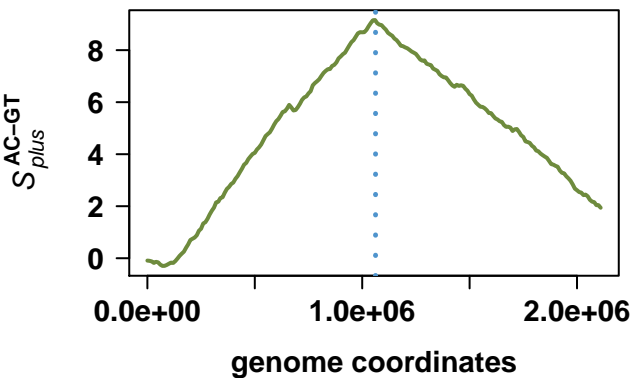
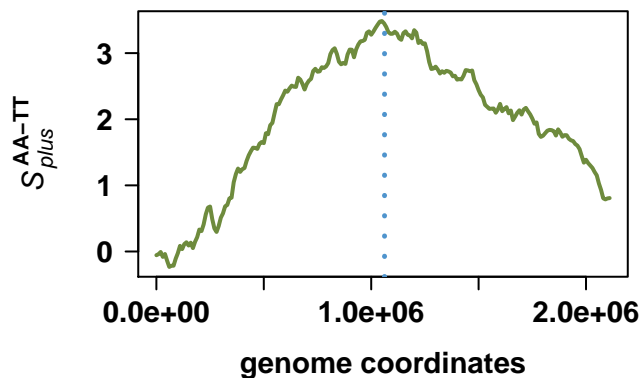
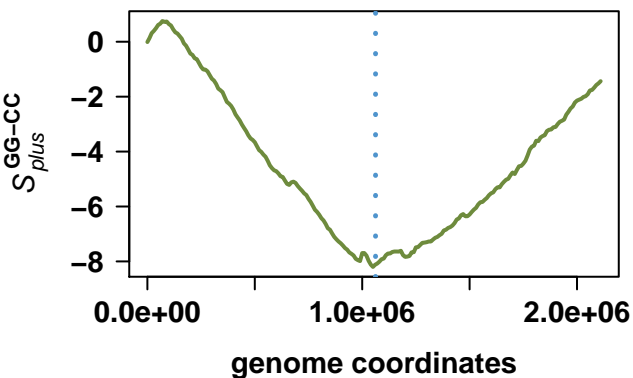
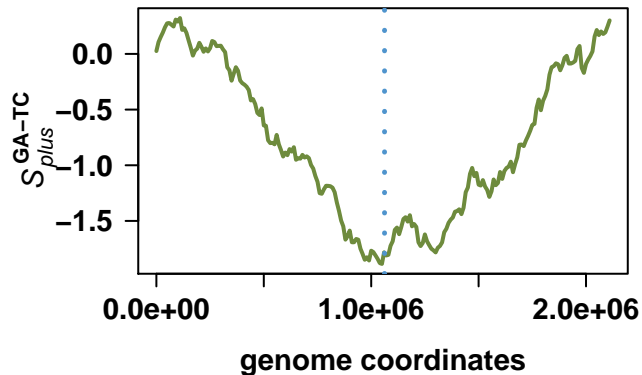
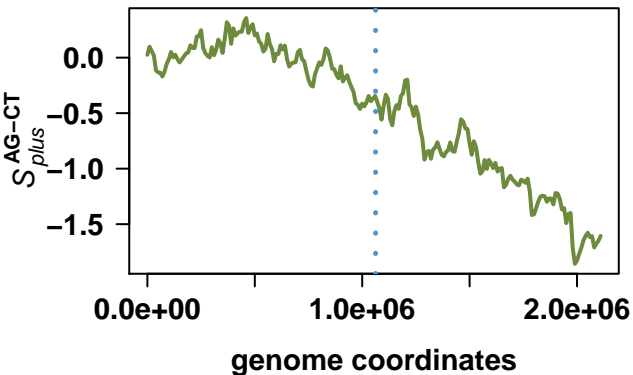
# *Ehrlichia ruminantium* str. Welgevonden



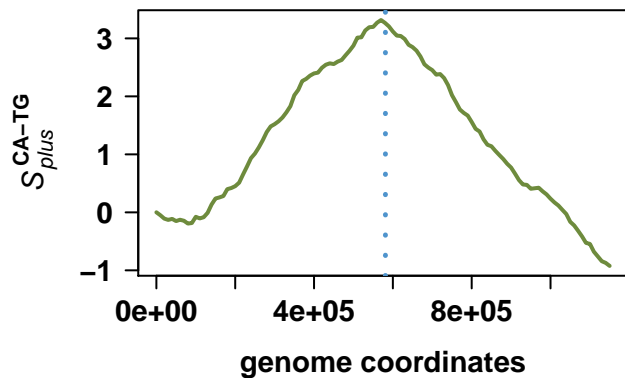
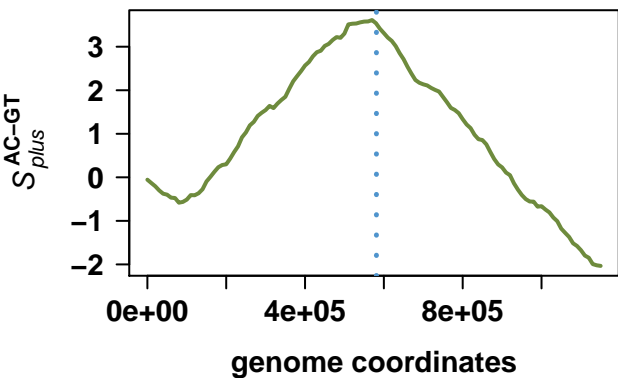
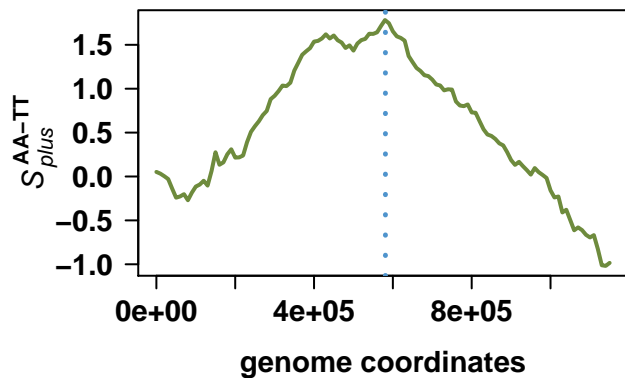
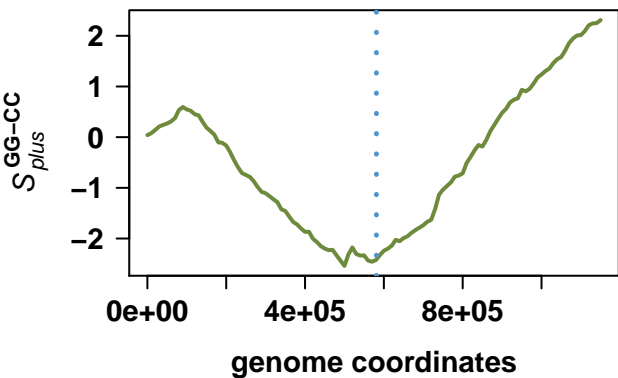
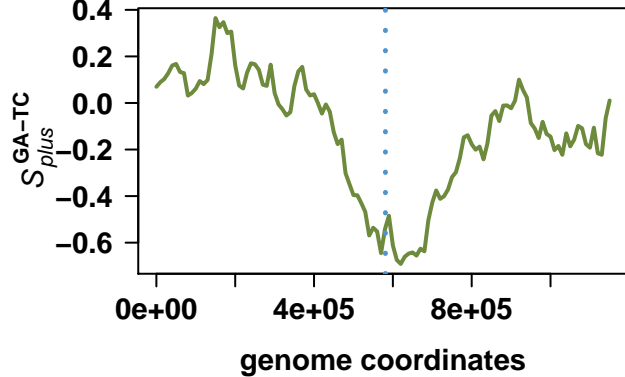
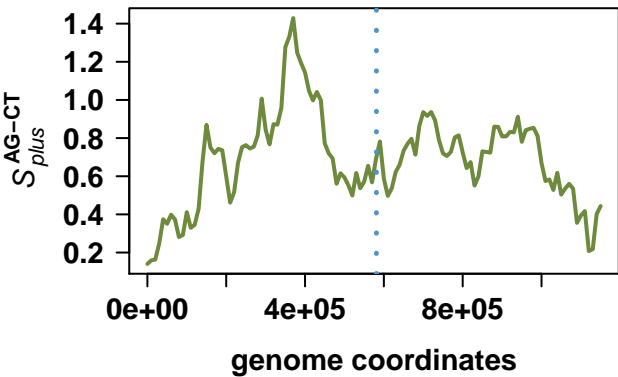
# Wolbachia endosymbiont strain TRS of *Brugia malayi*



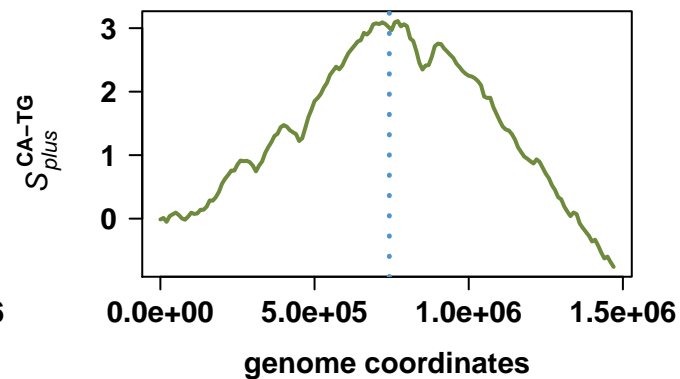
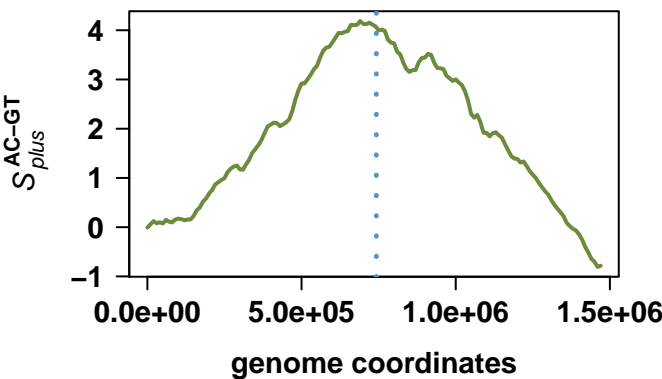
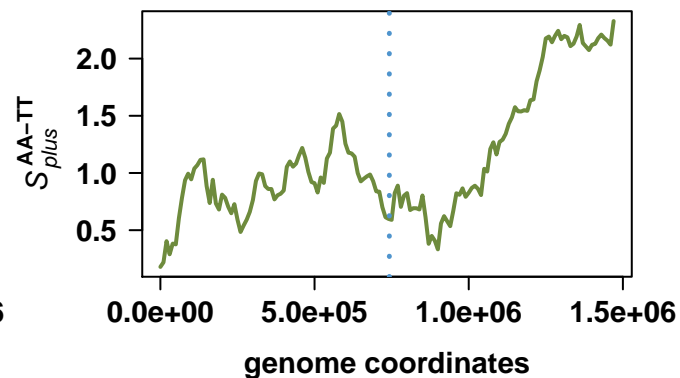
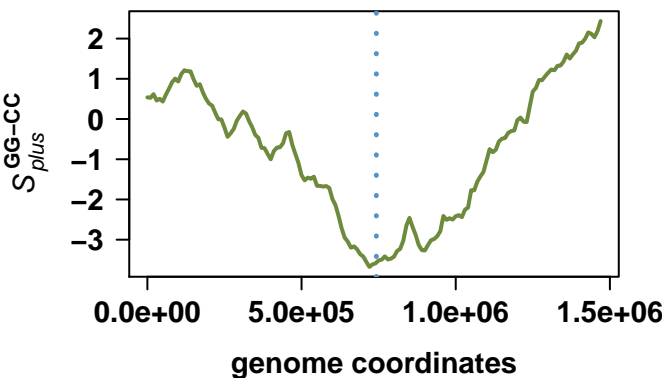
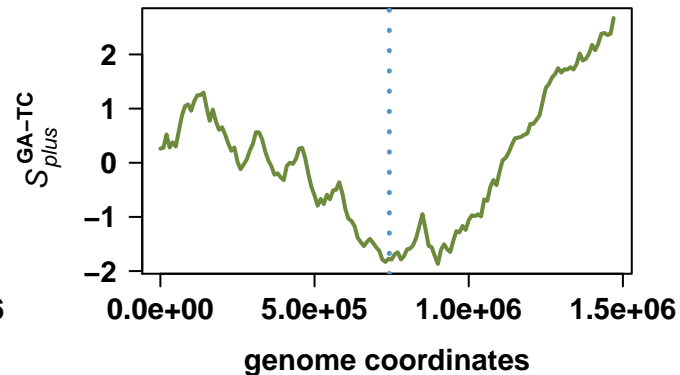
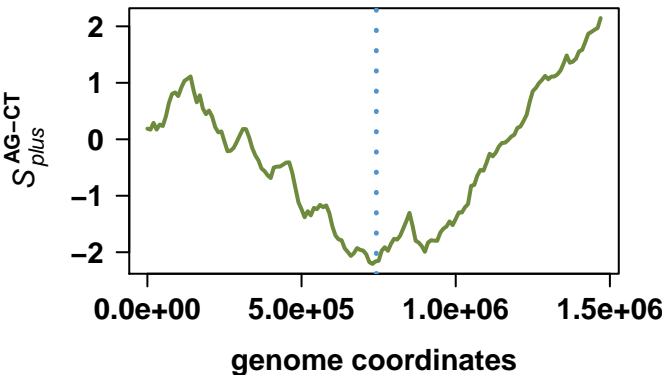
# Brucella abortus bv. 1 str. 9-941



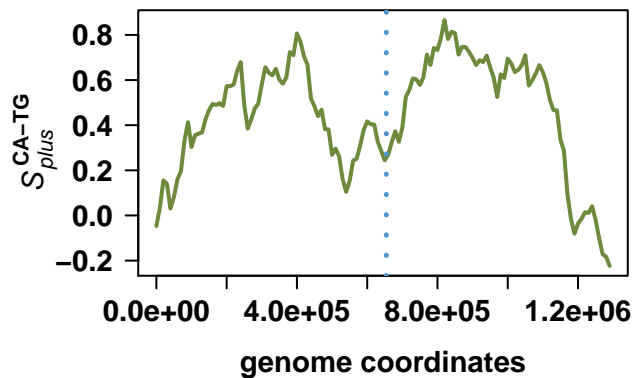
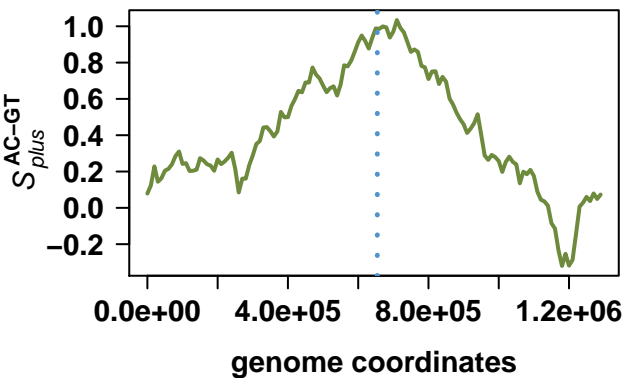
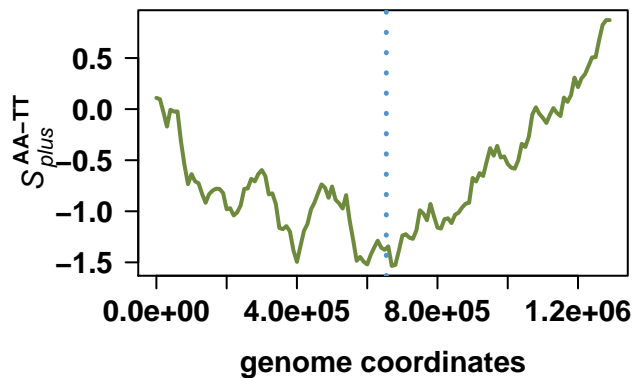
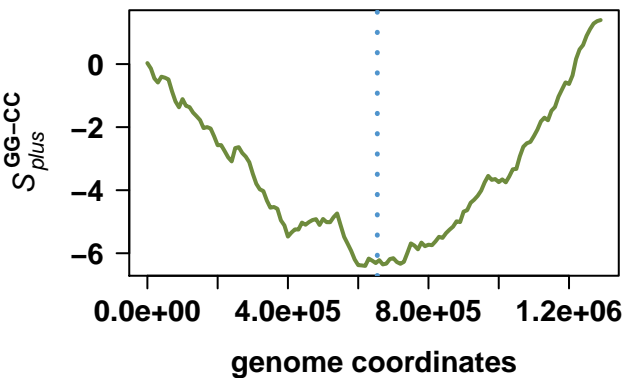
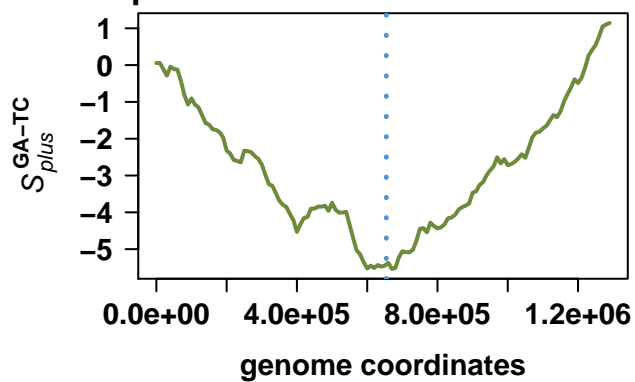
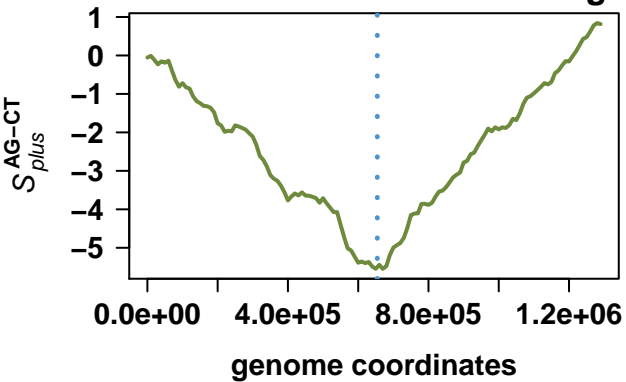
# Brucella abortus bv. 1 str. 9-941



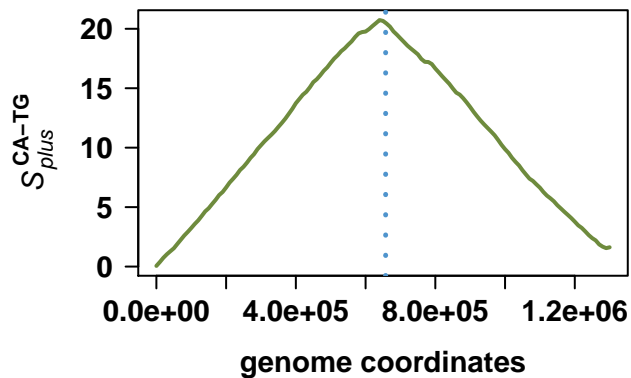
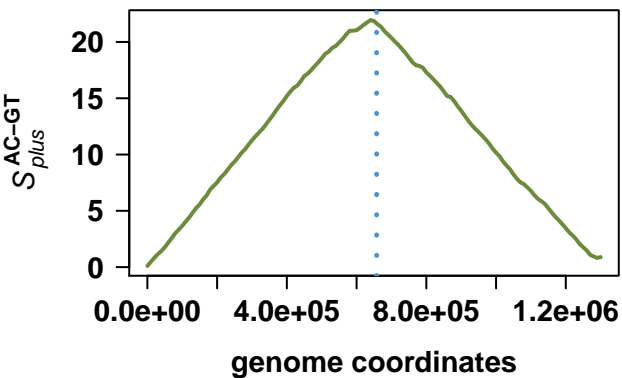
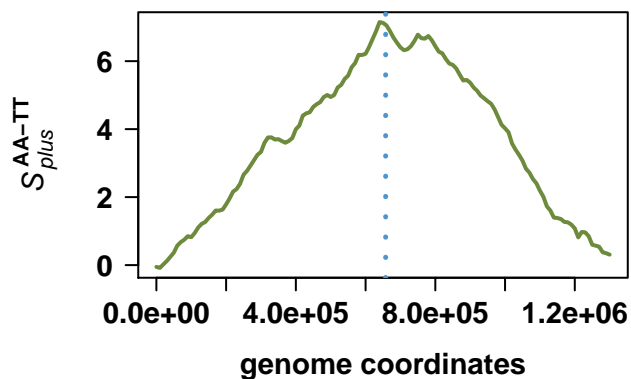
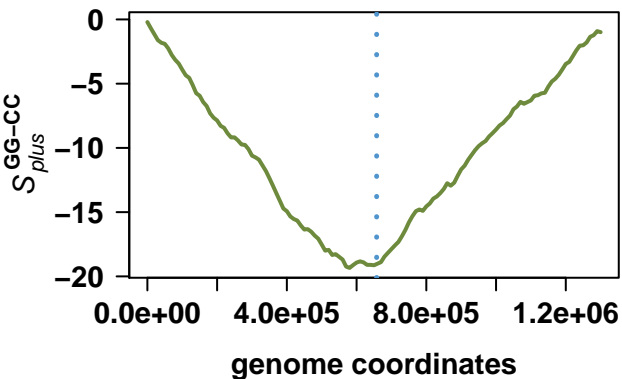
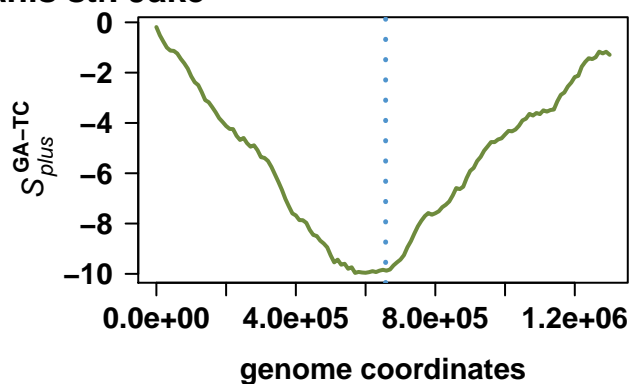
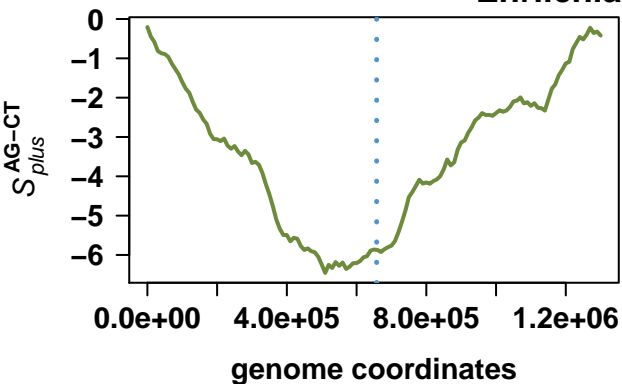
# Rickettsia felis URRWXCa12



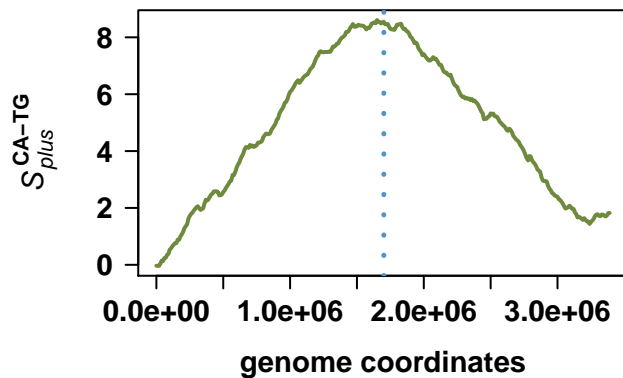
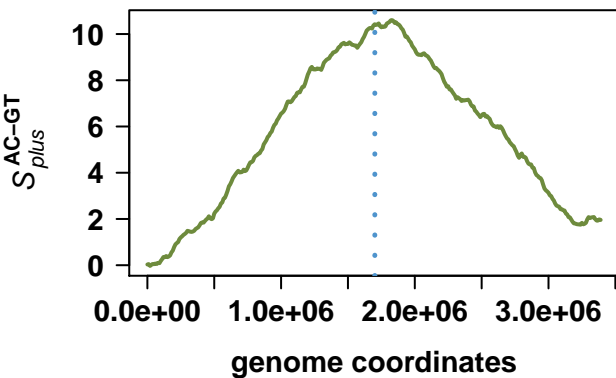
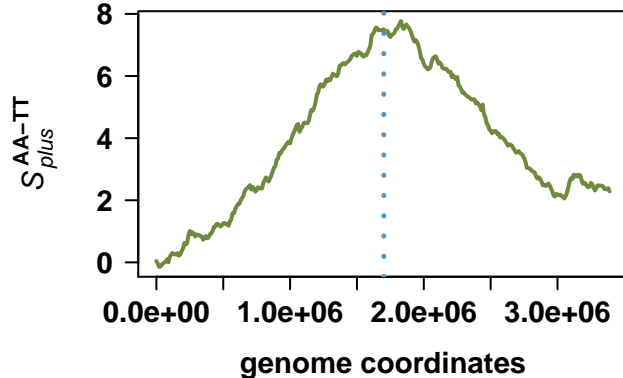
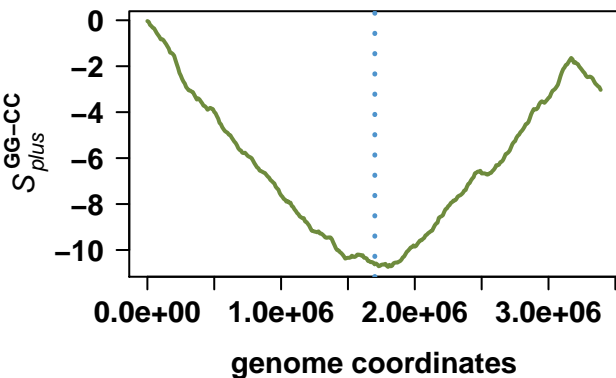
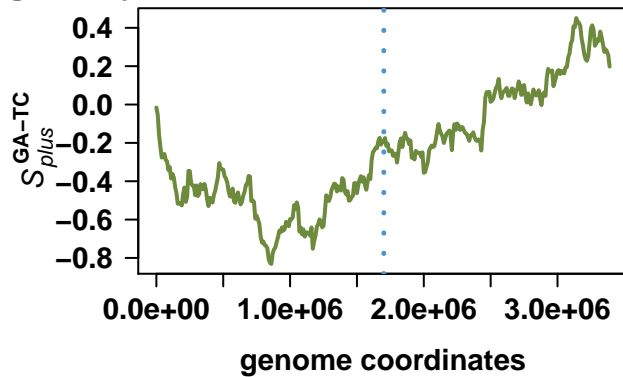
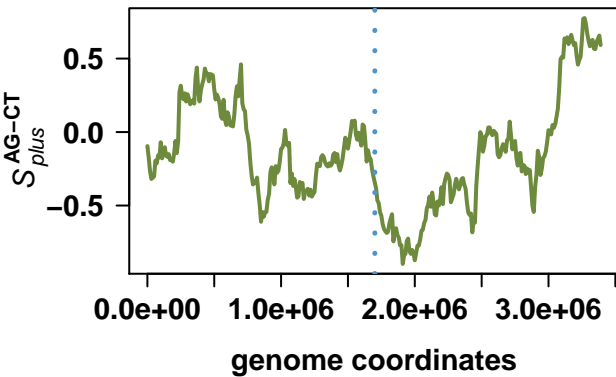
# Candidatus Pelagibacter ubique HTCC1062



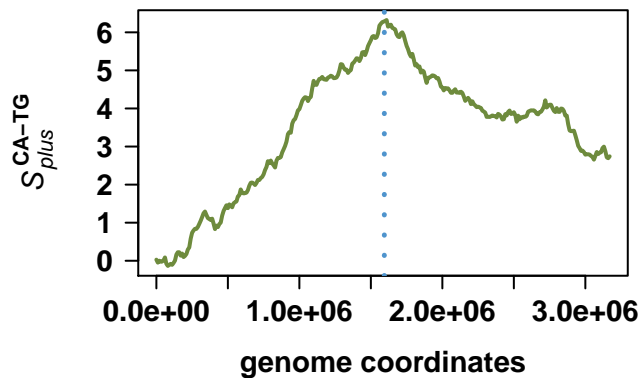
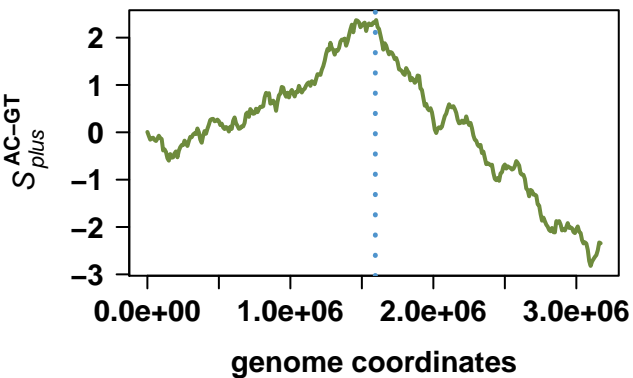
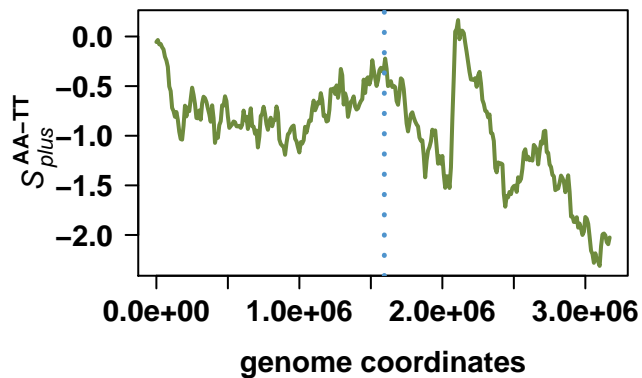
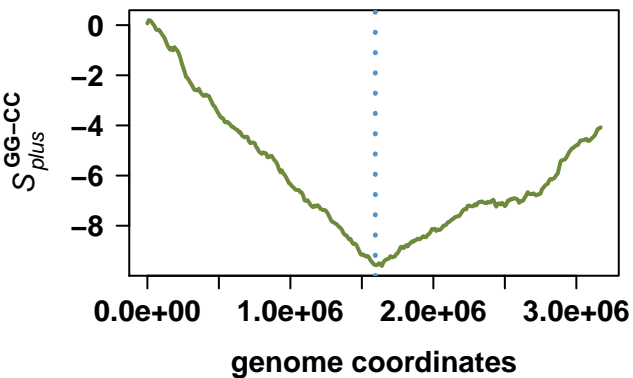
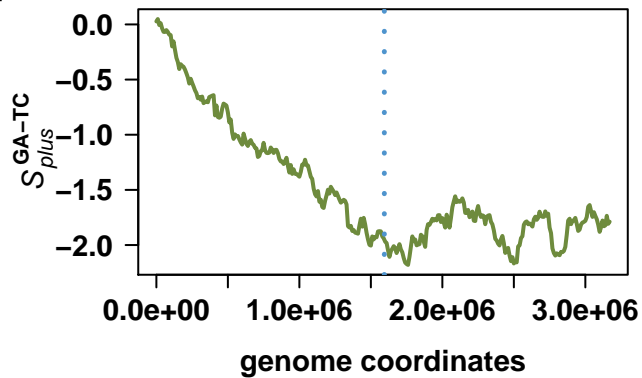
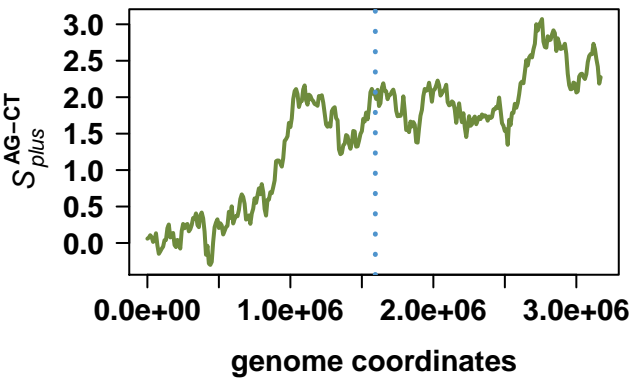
# Ehrlichia canis str. Jake



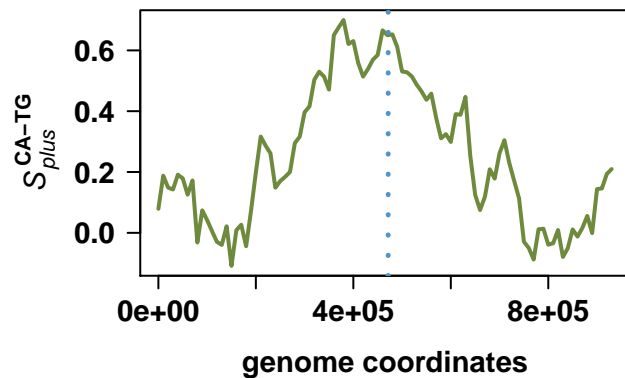
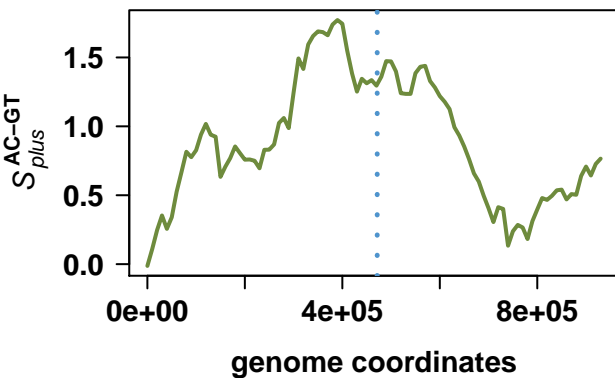
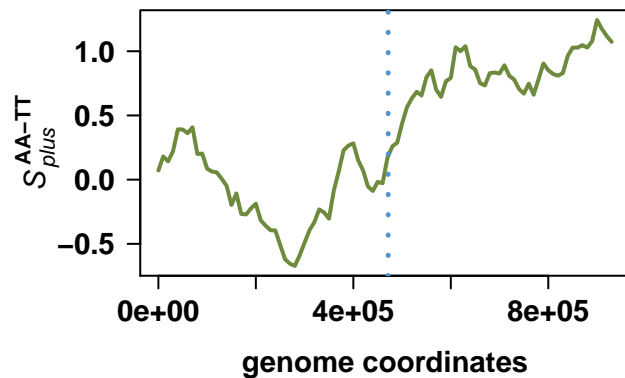
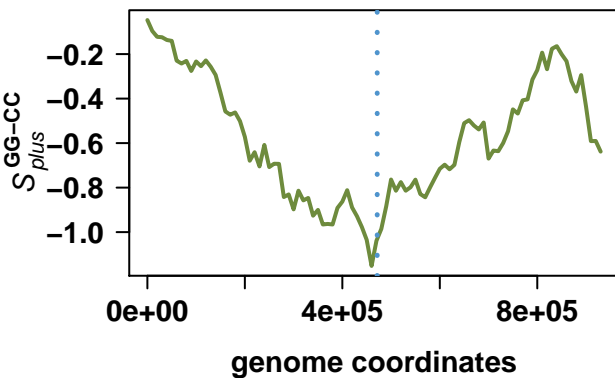
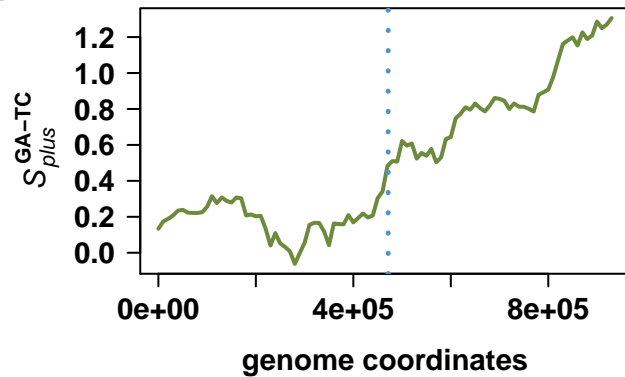
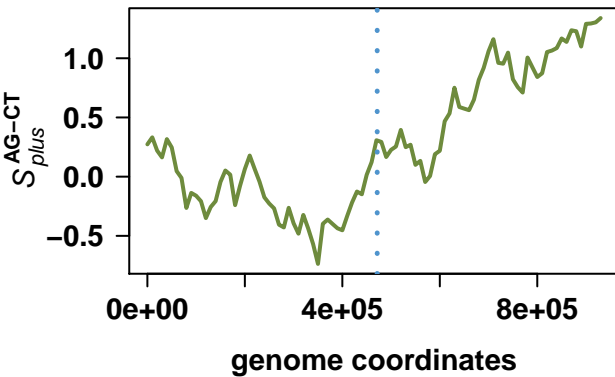
# Nitrobacter winogradskyi Nb-255



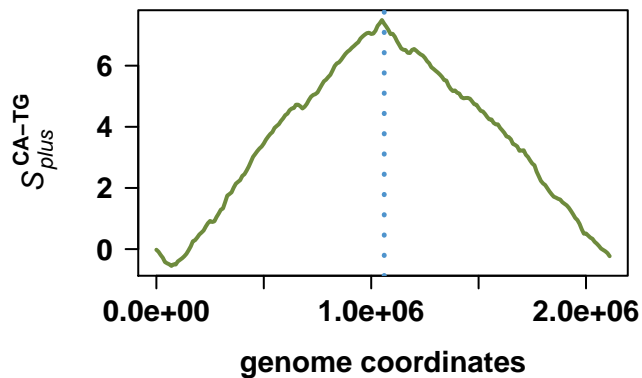
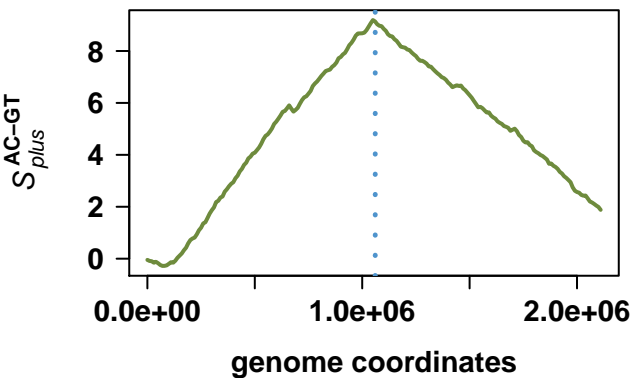
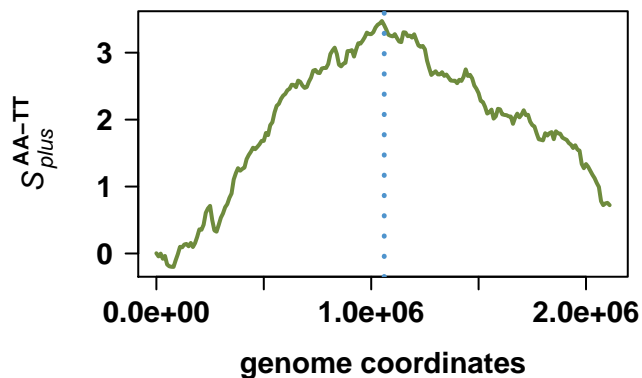
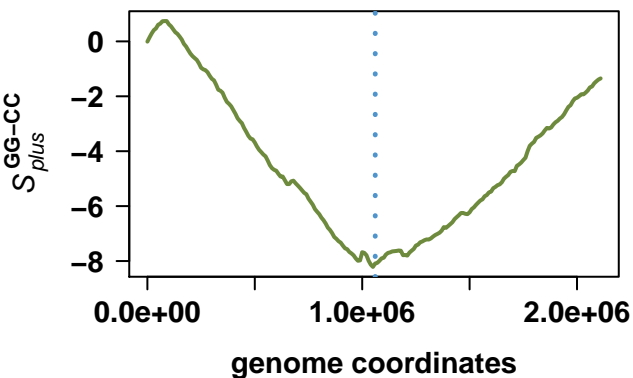
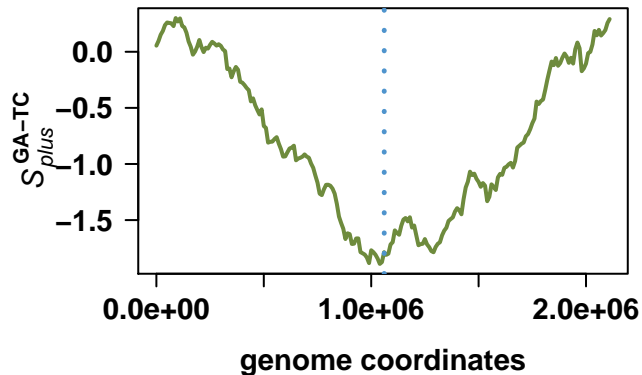
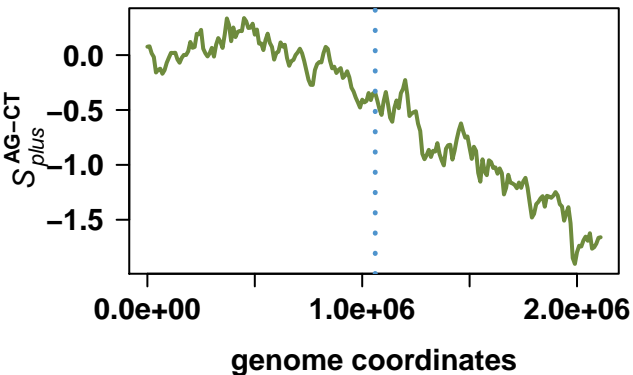
# Rhodobacter sphaeroides 2.4.1



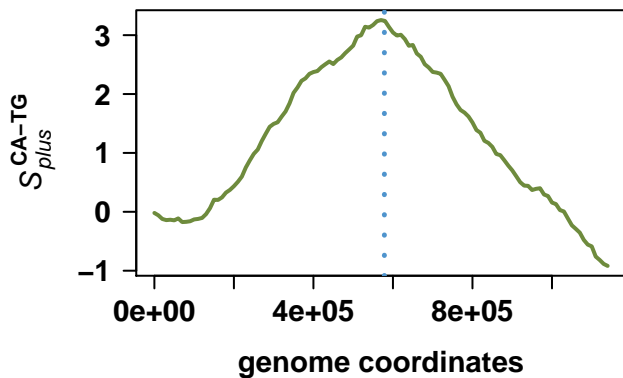
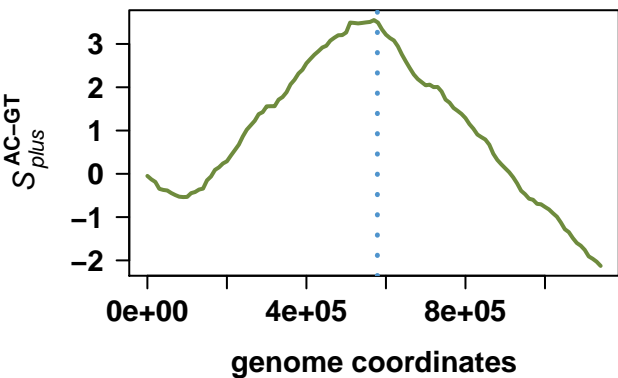
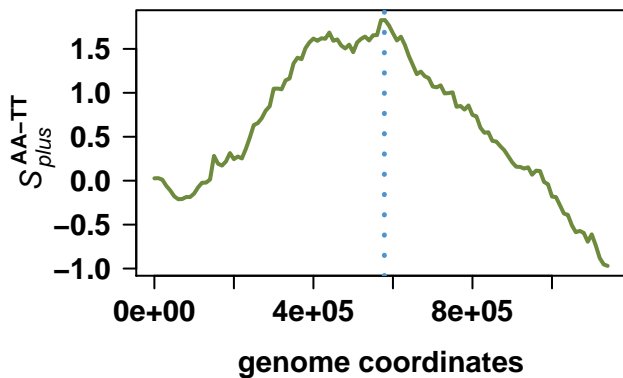
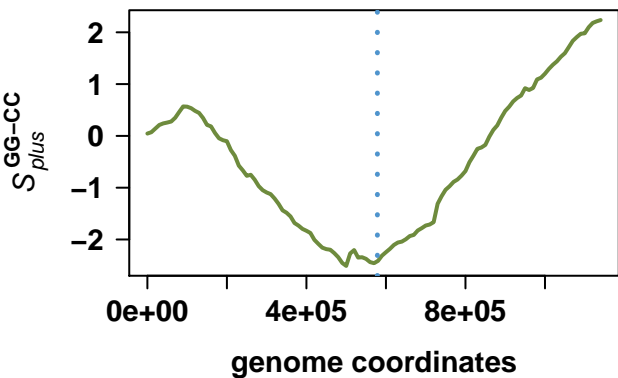
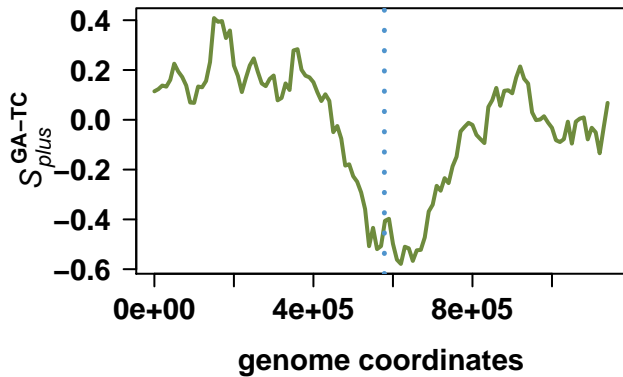
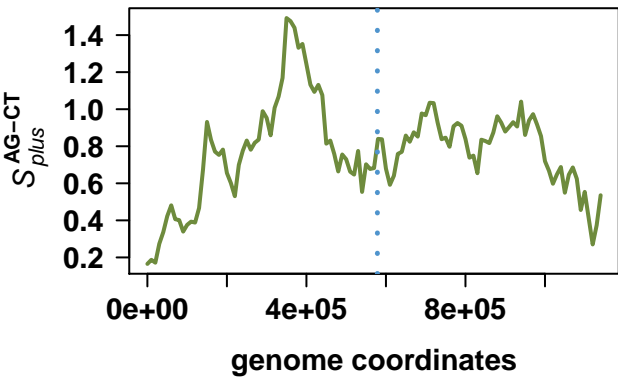
# Rhodobacter sphaeroides 2.4.1



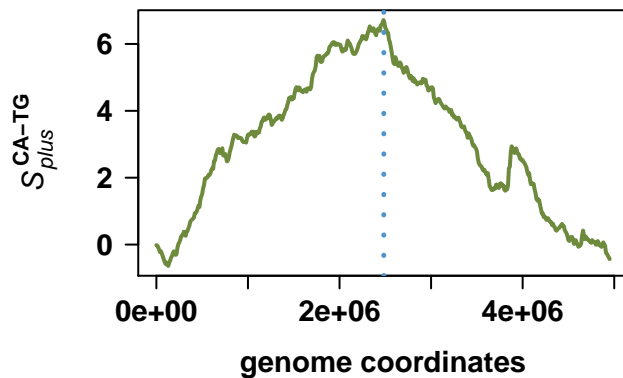
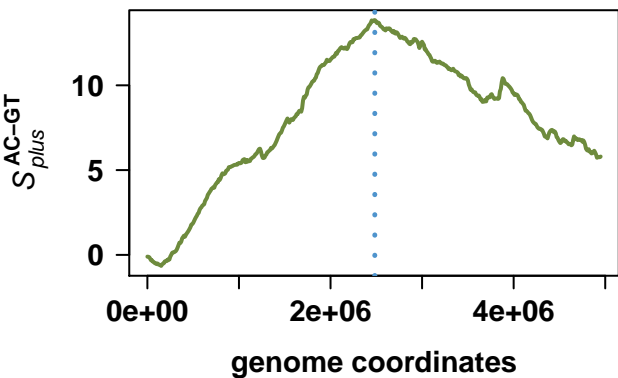
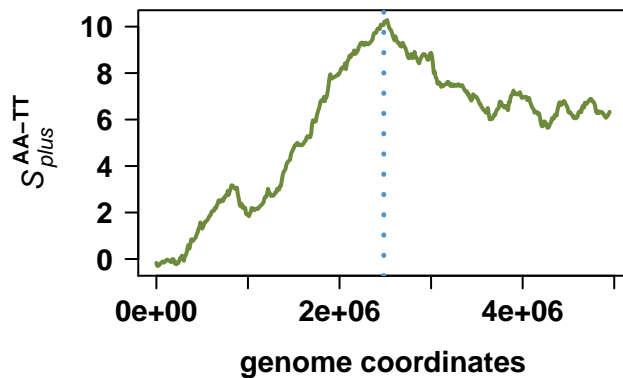
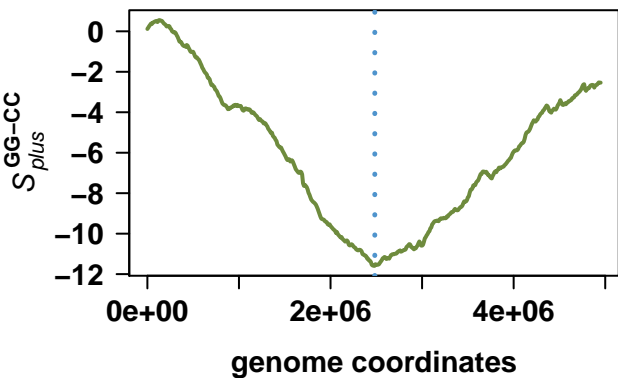
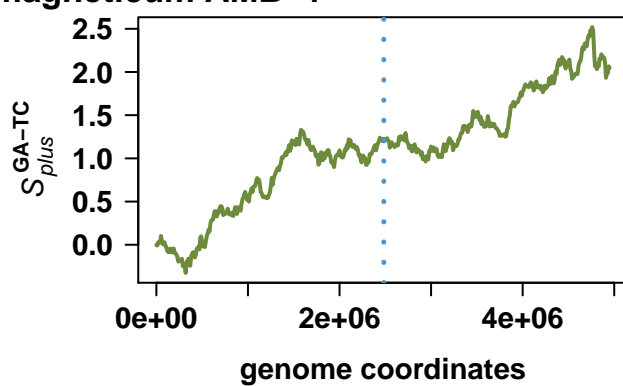
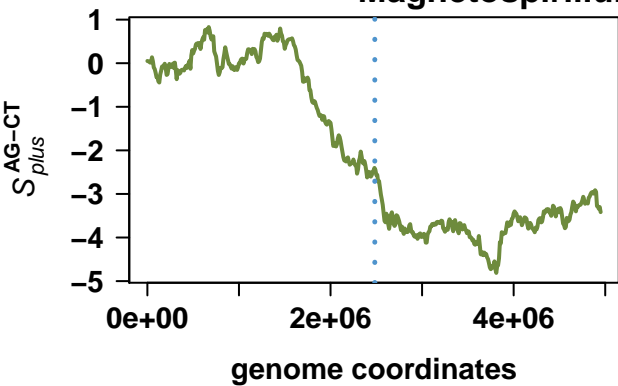
# Brucella abortus 2308



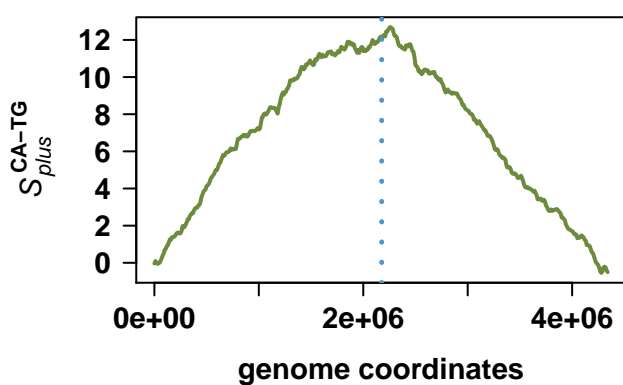
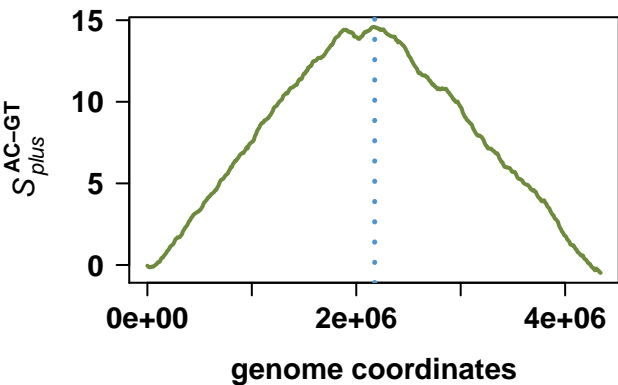
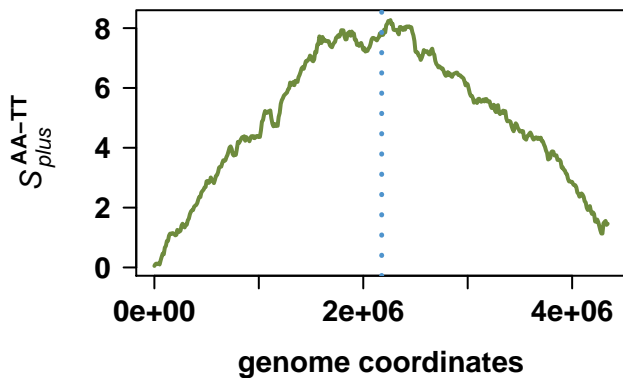
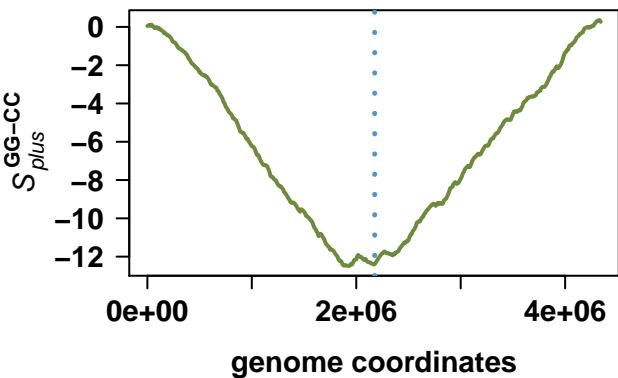
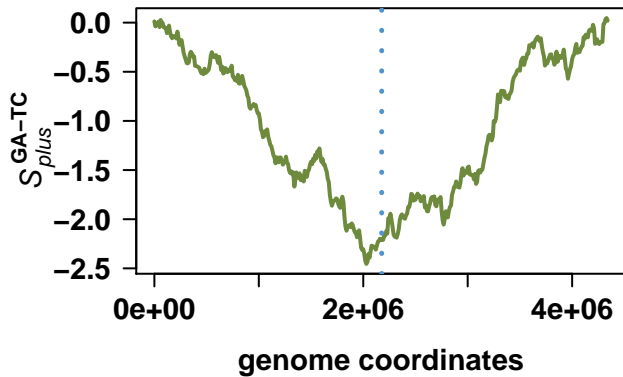
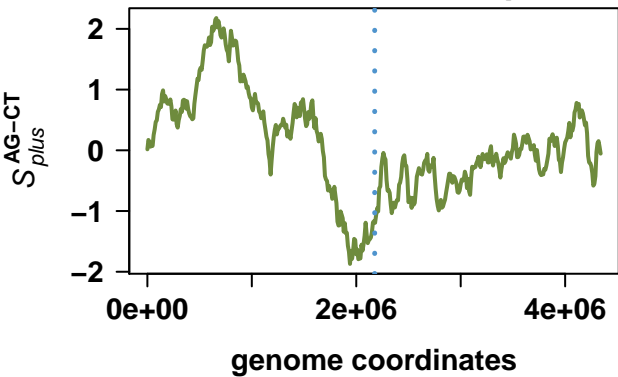
# Brucella abortus 2308



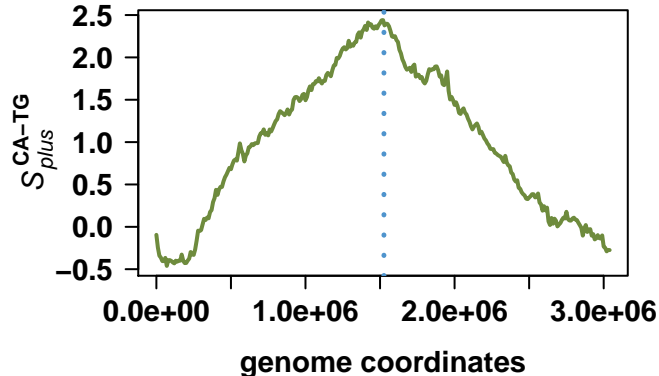
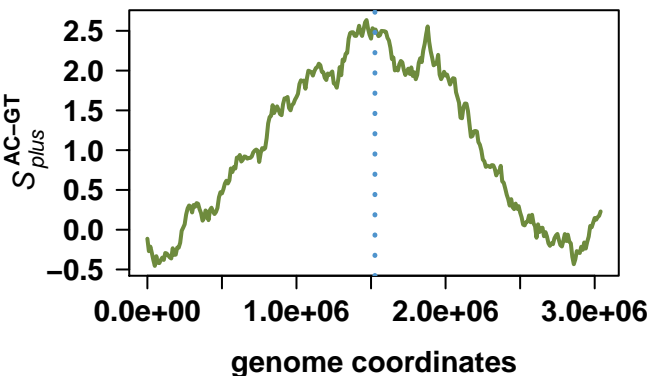
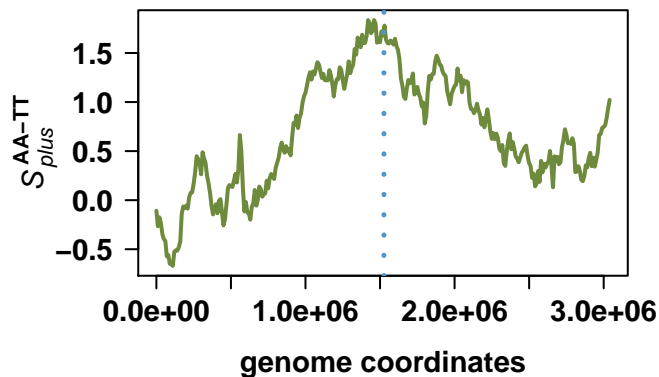
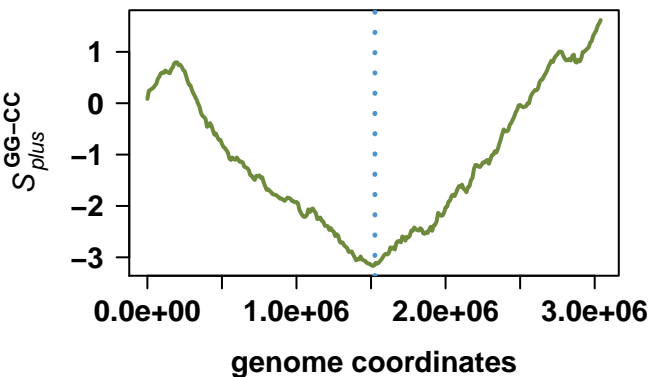
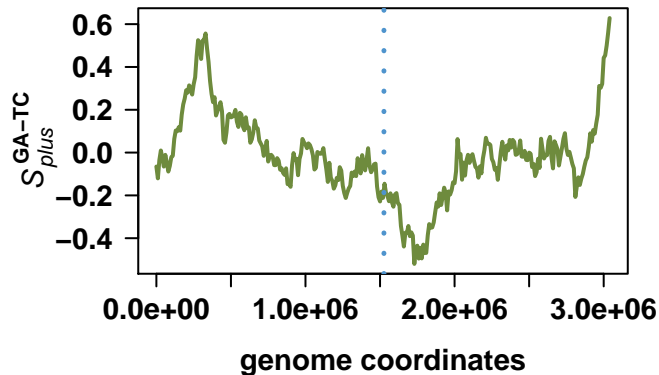
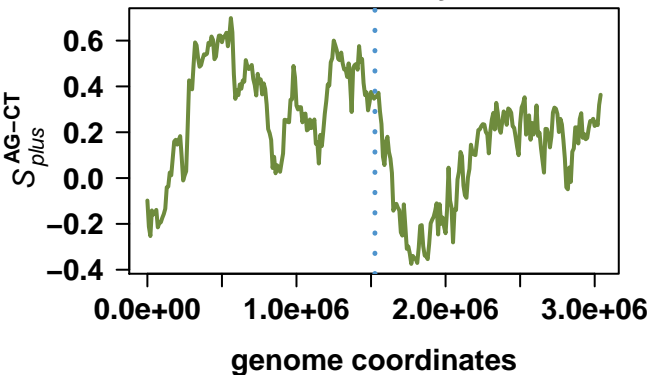
# Magnetospirillum magneticum AMB-1



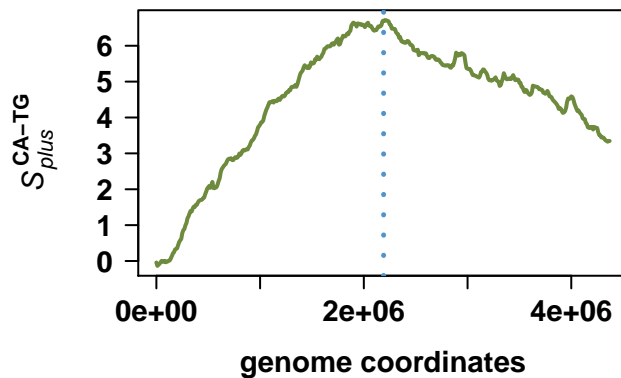
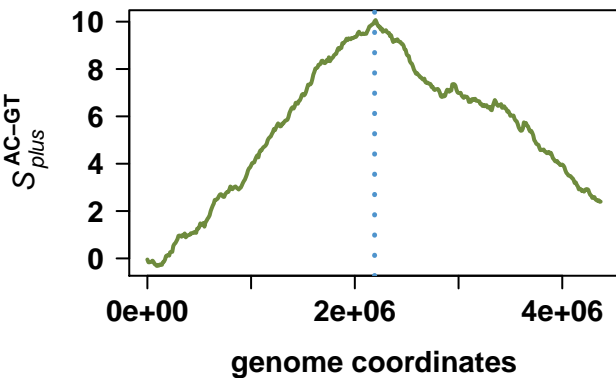
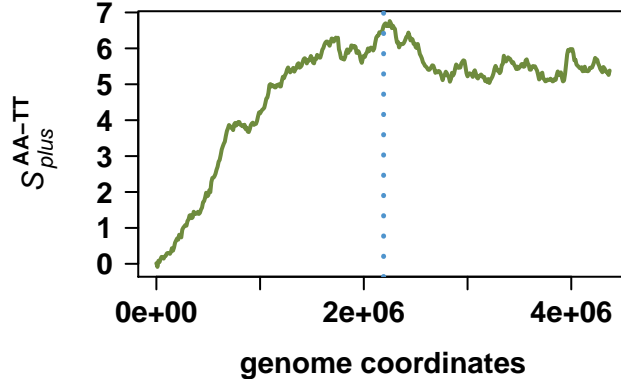
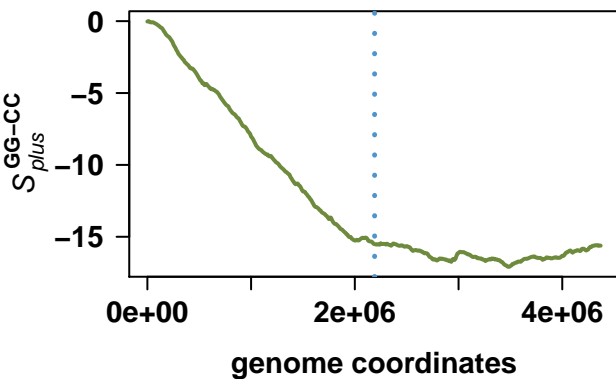
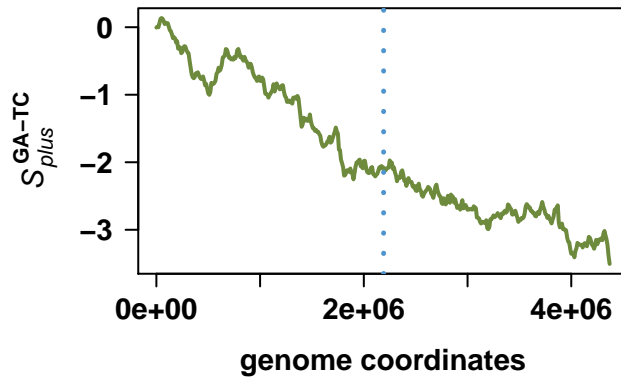
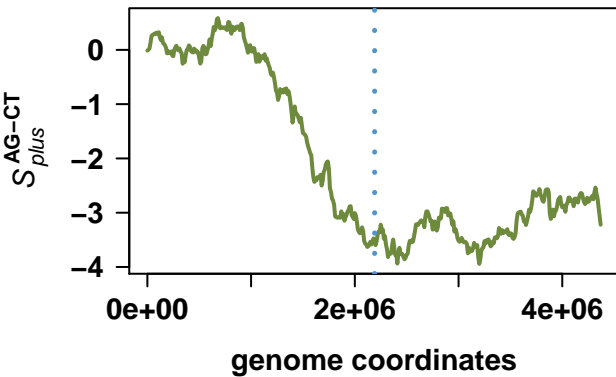
# Rhodospirillum rubrum ATCC 11170



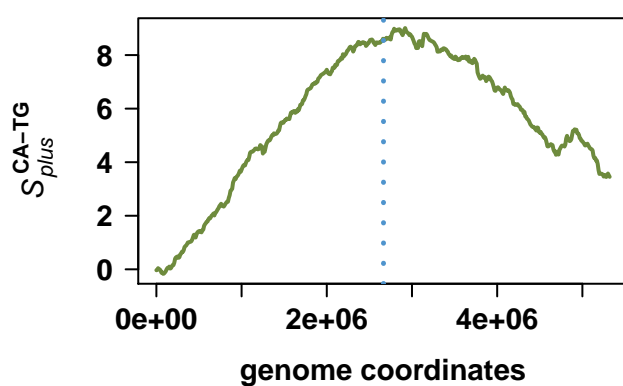
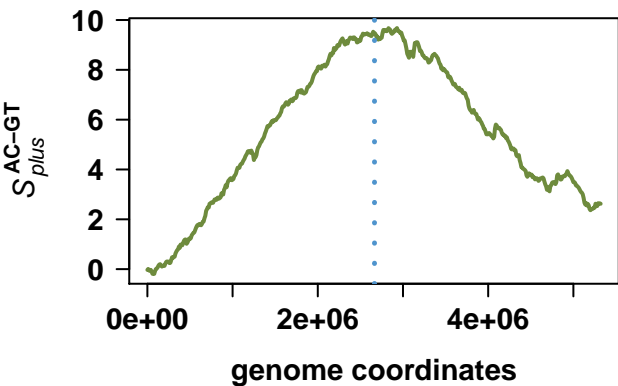
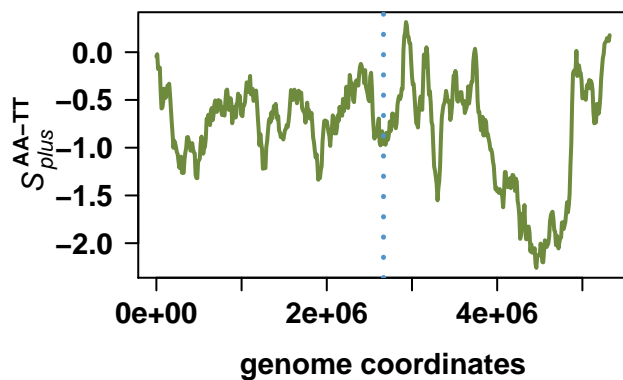
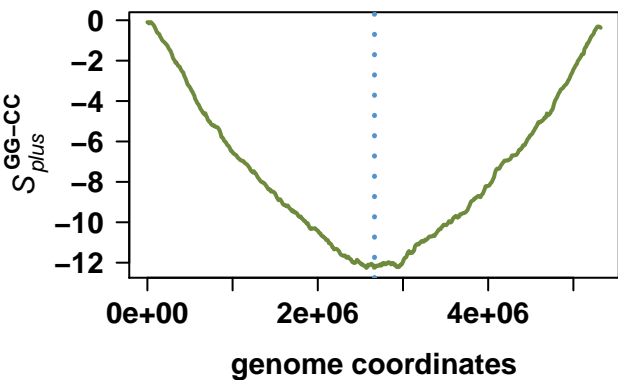
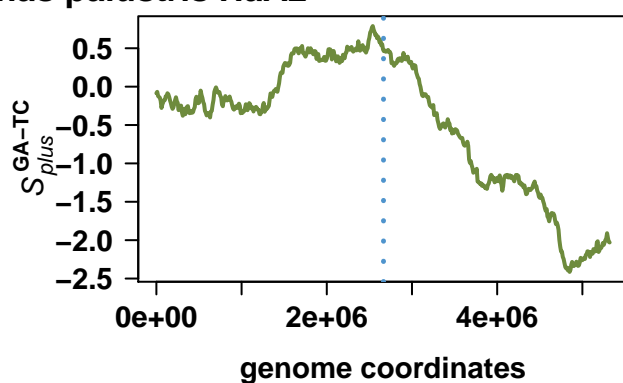
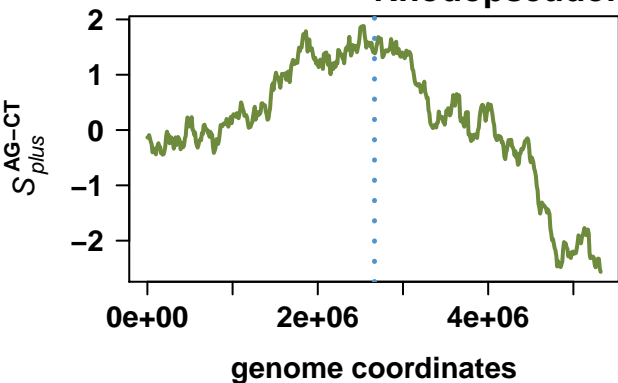
# Erythrobacter litoralis HTCC2594



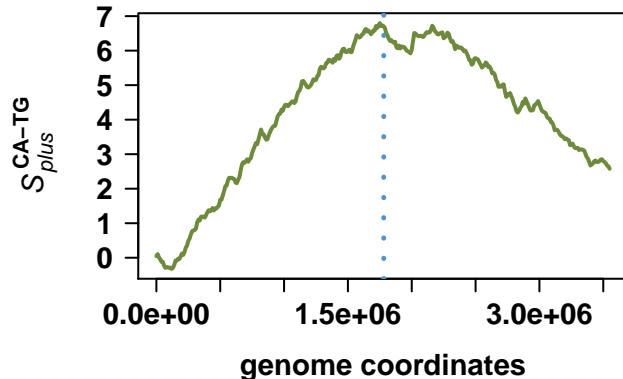
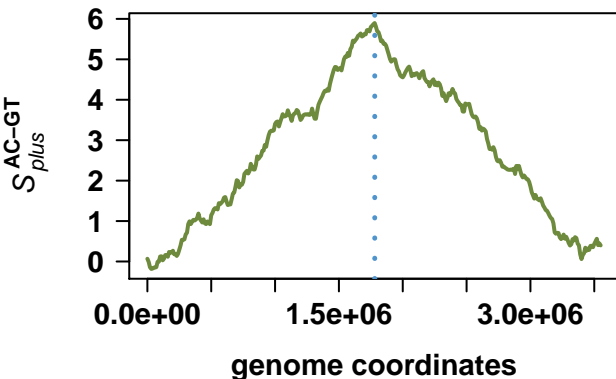
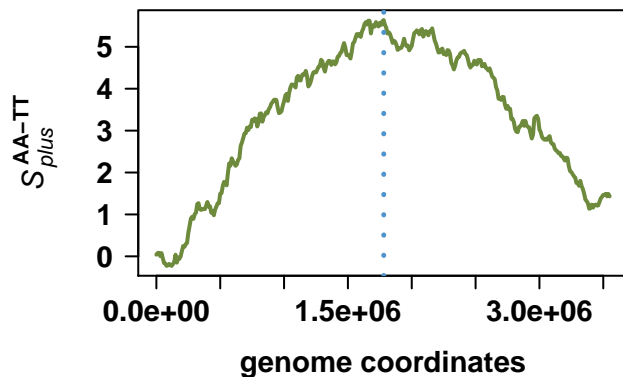
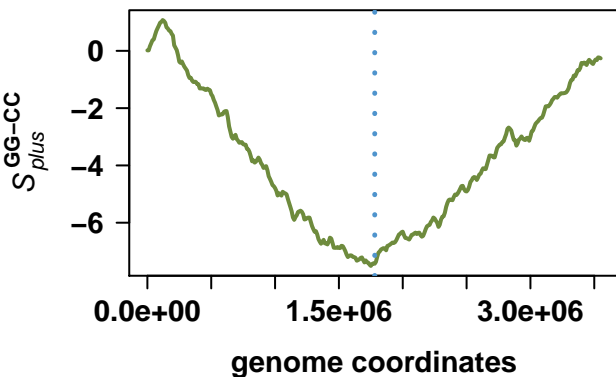
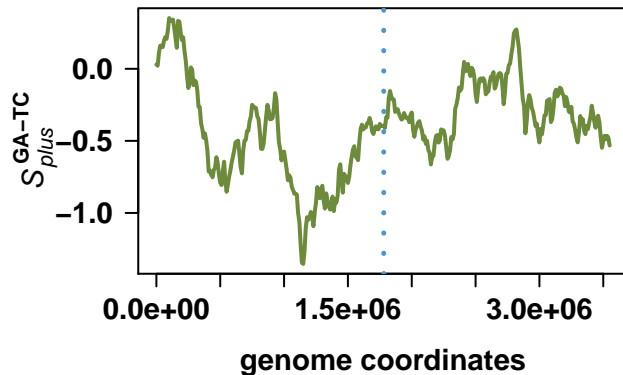
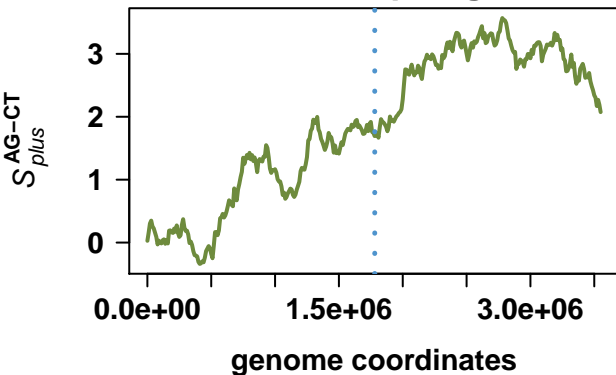
# Rhizobium etli CFN 42



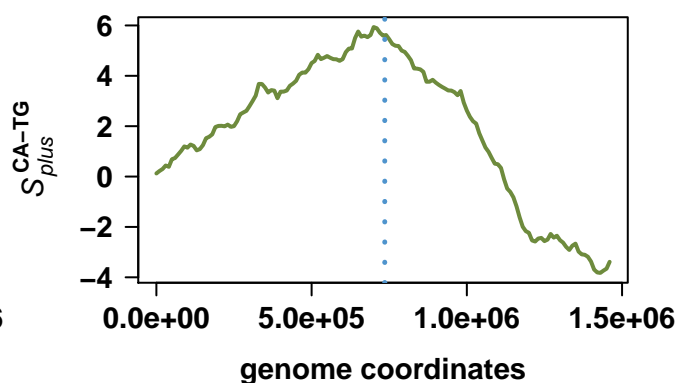
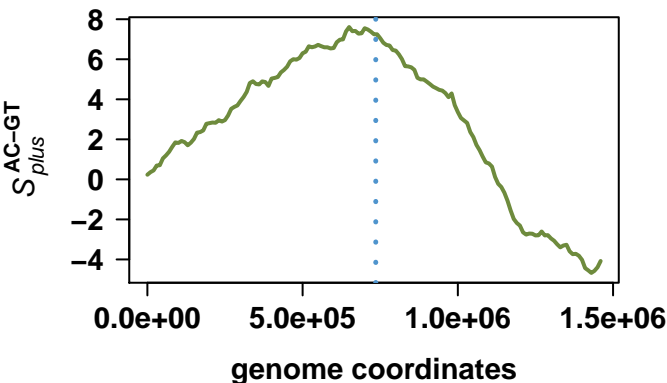
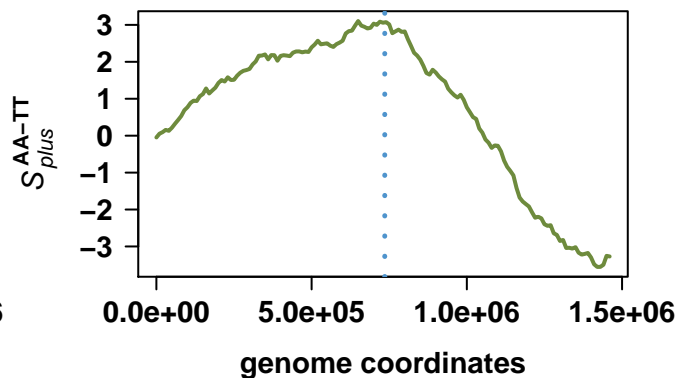
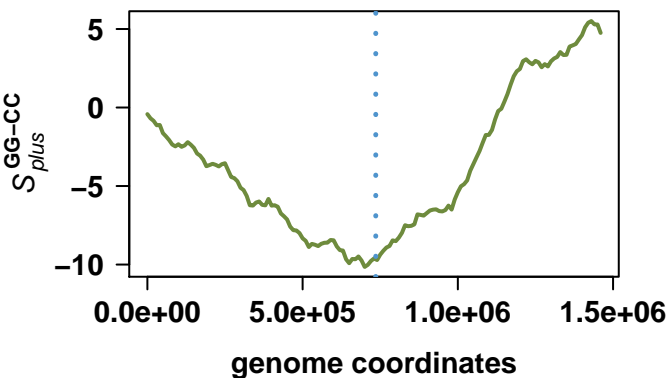
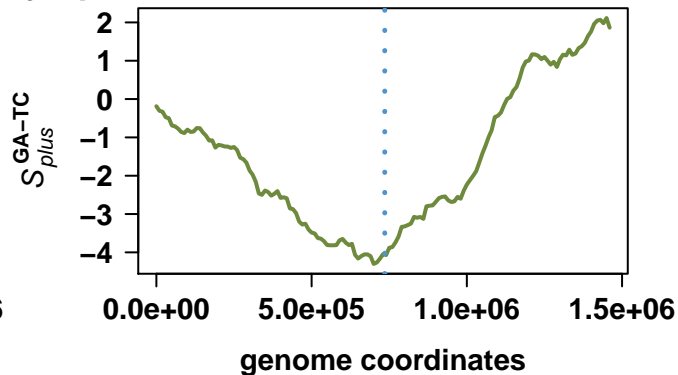
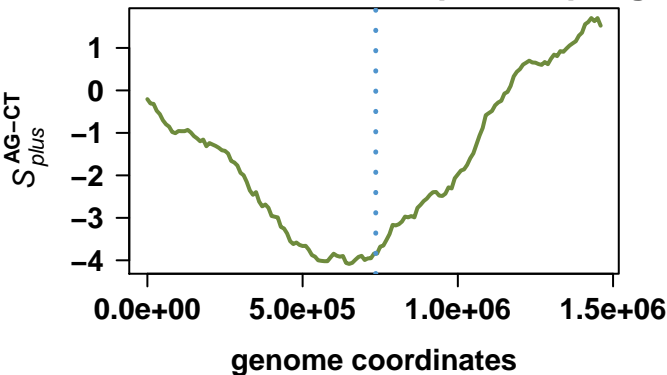
# Rhodospseudomonas palustris HaA2



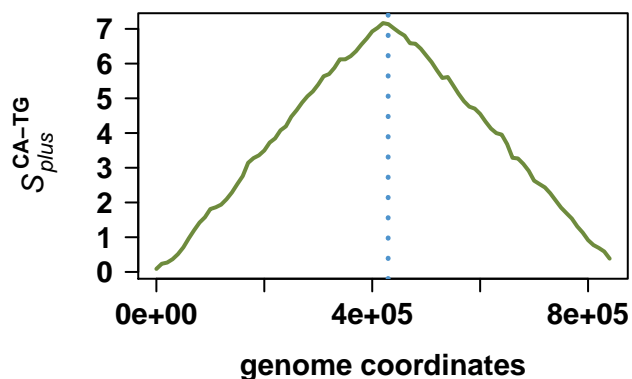
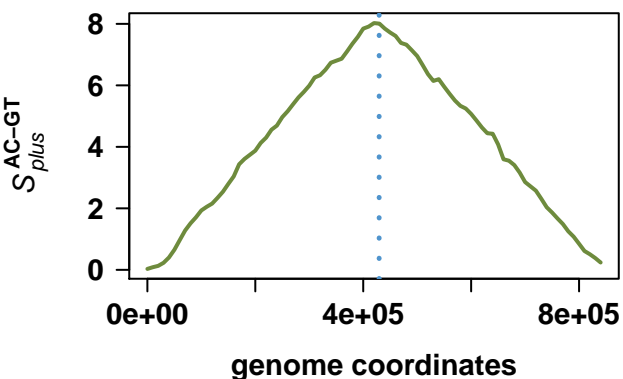
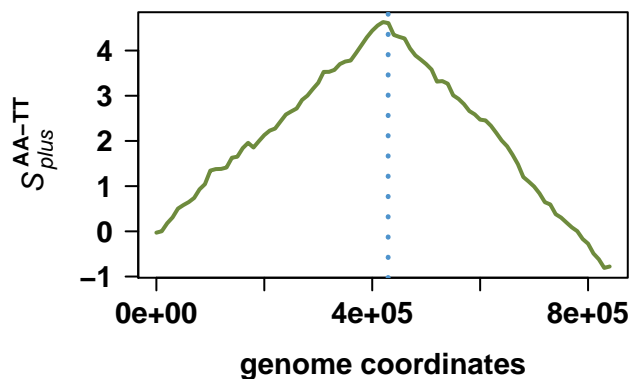
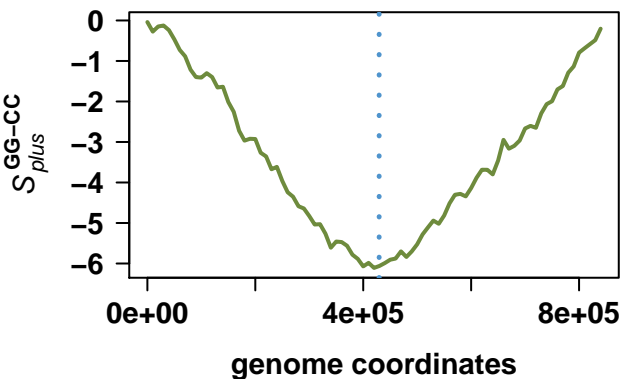
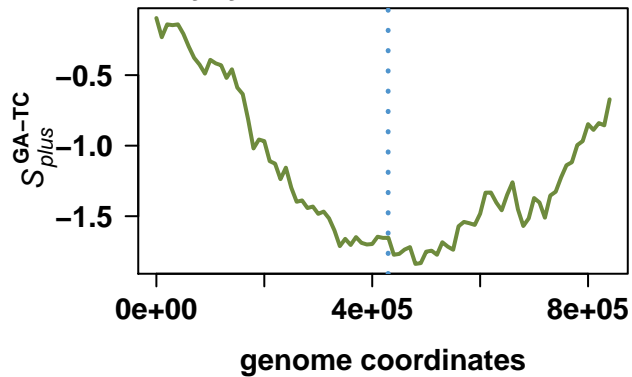
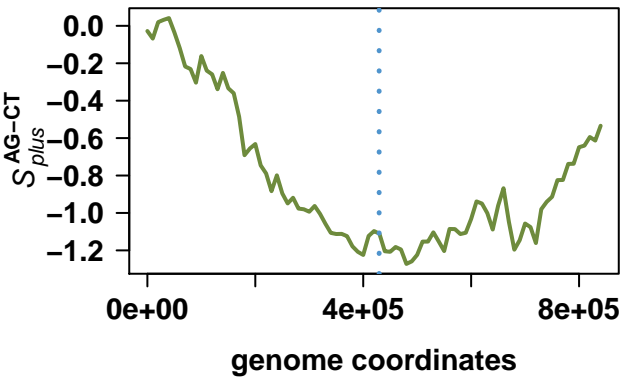
# Novosphingobium aromaticivorans DSM 12444



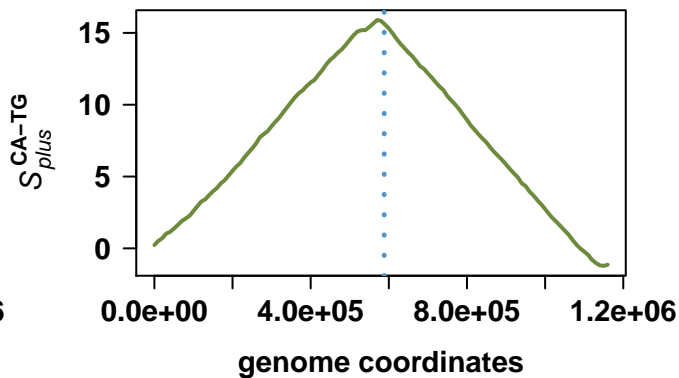
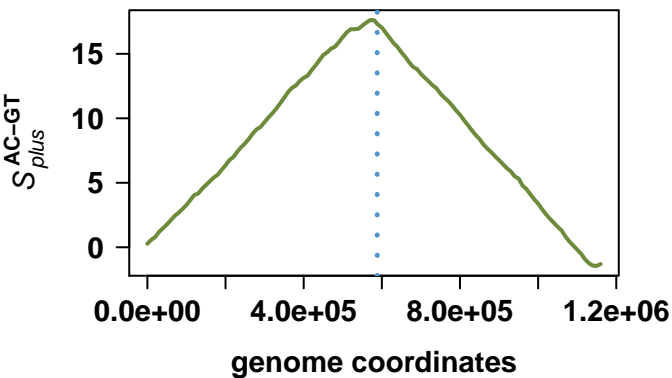
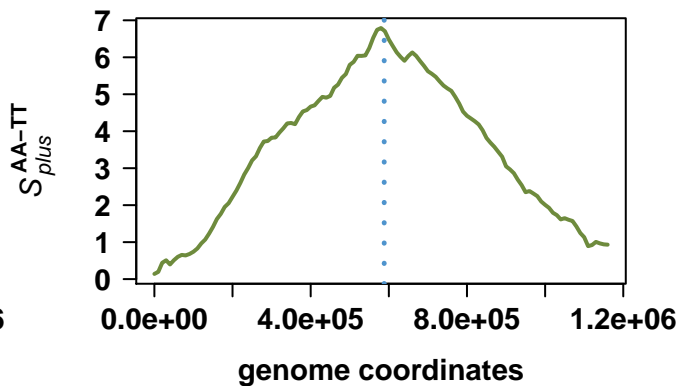
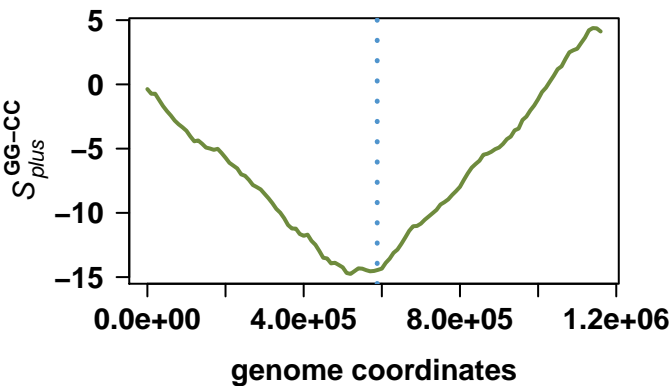
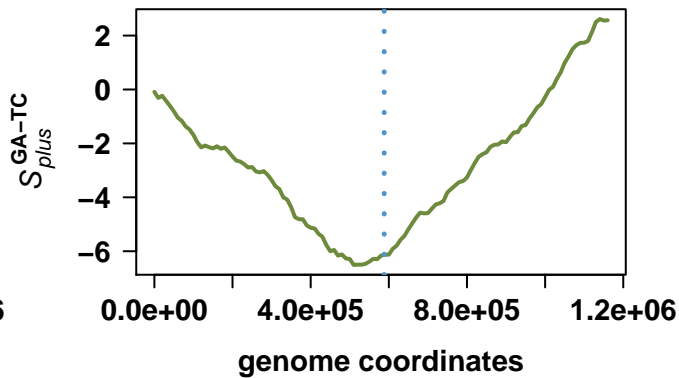
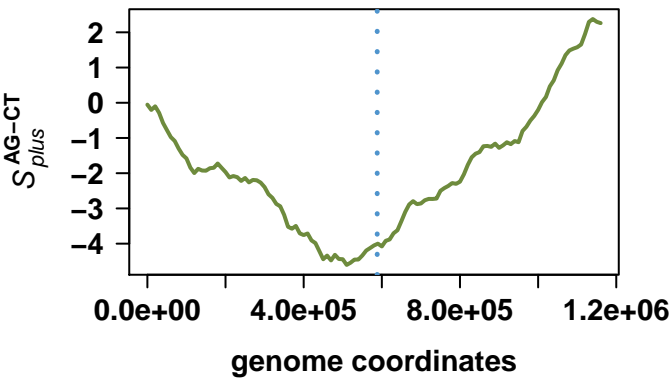
# Anaplasma phagocytophilum str. HZ



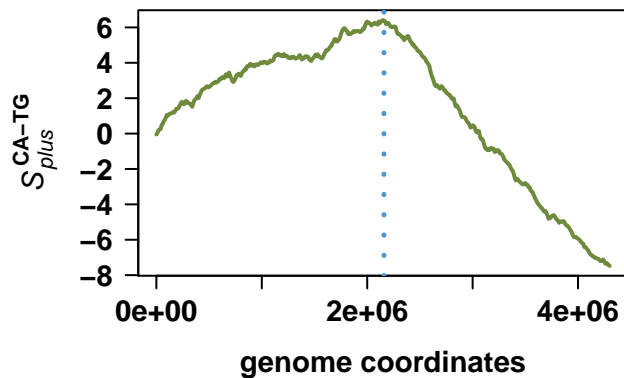
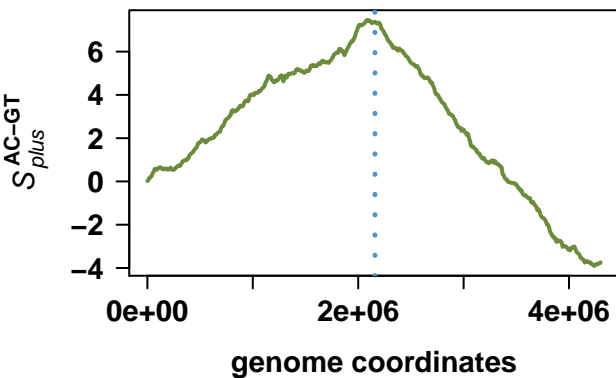
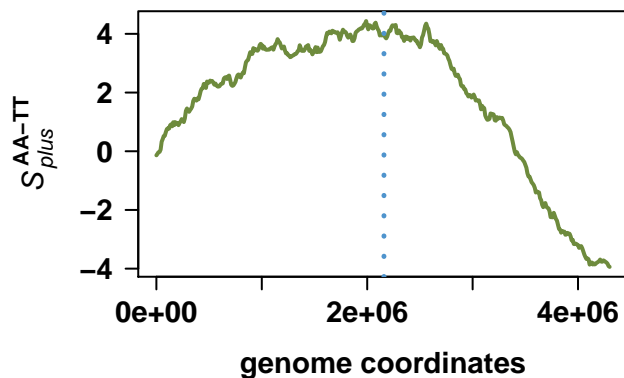
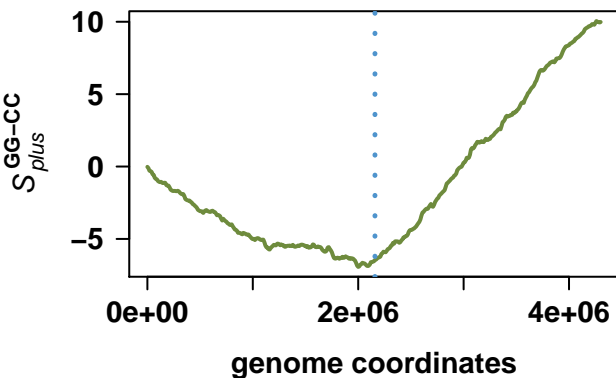
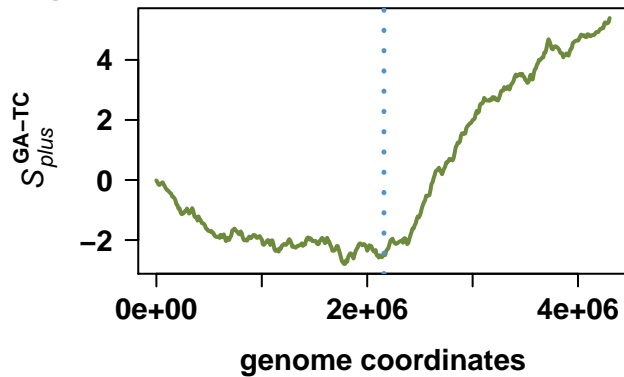
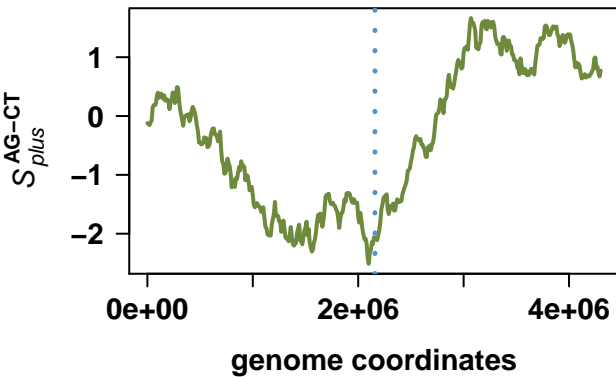
# Neorickettsia sennetsu str. Miyayama



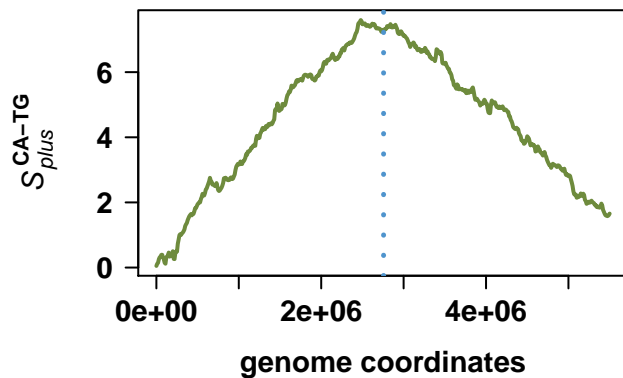
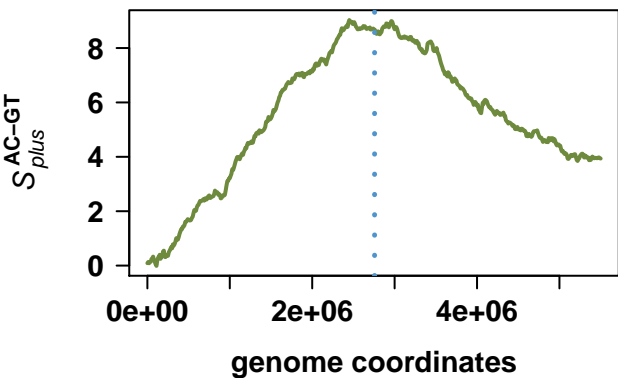
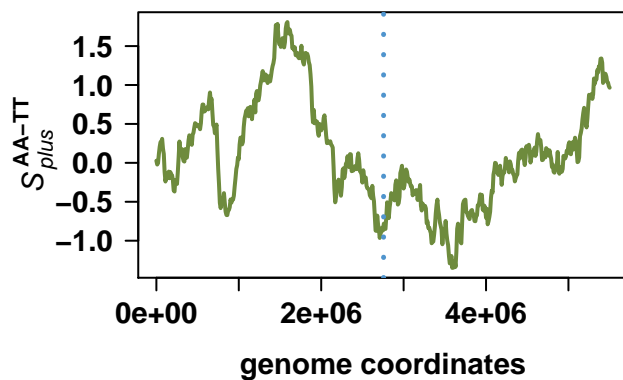
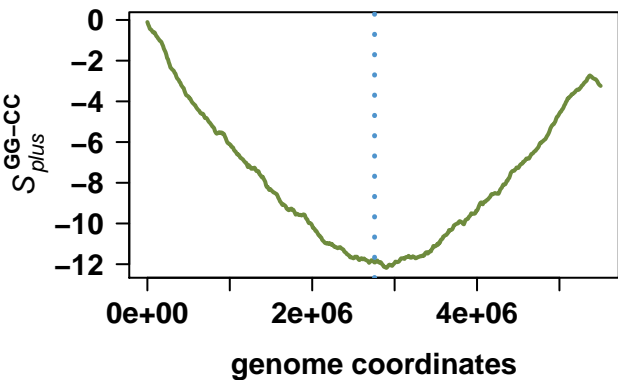
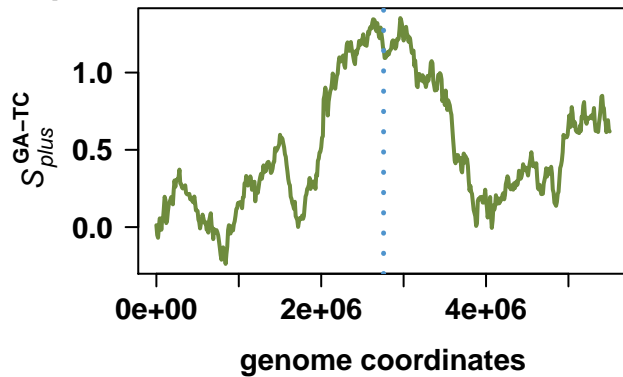
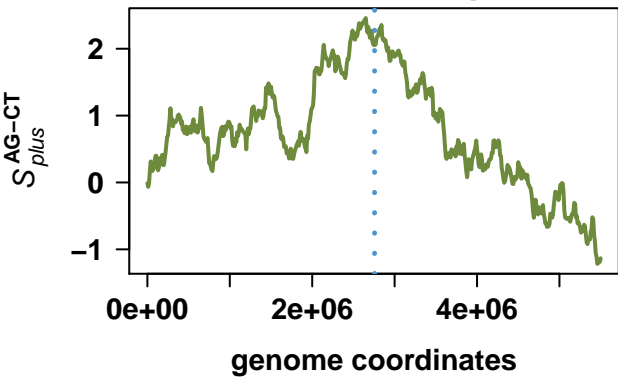
# *Ehrlichia chaffeensis* str. Arkansas



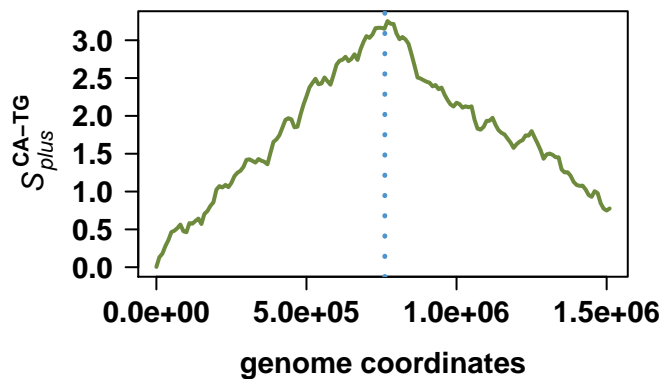
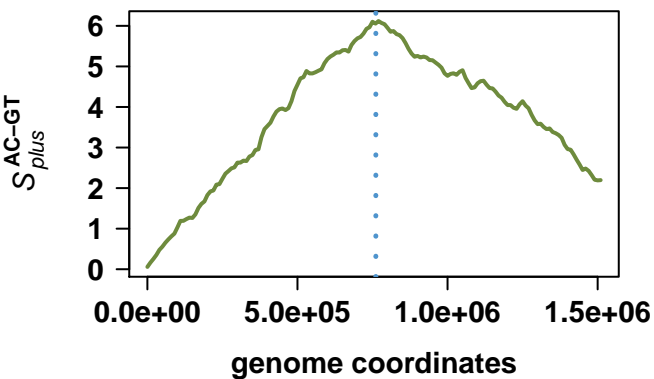
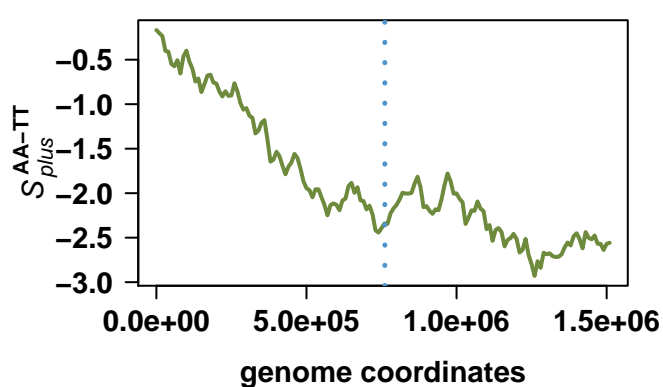
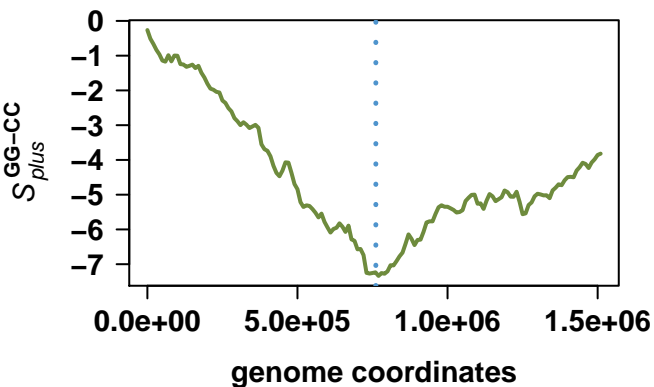
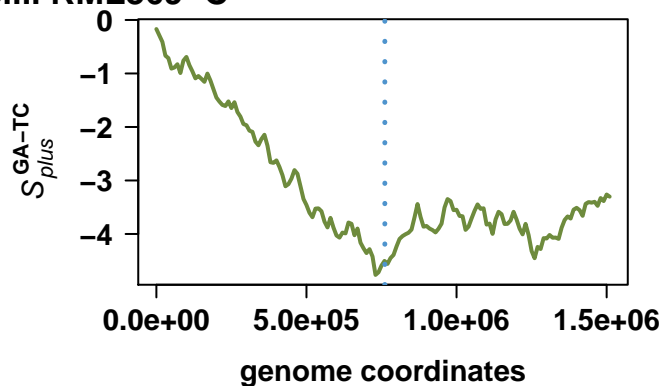
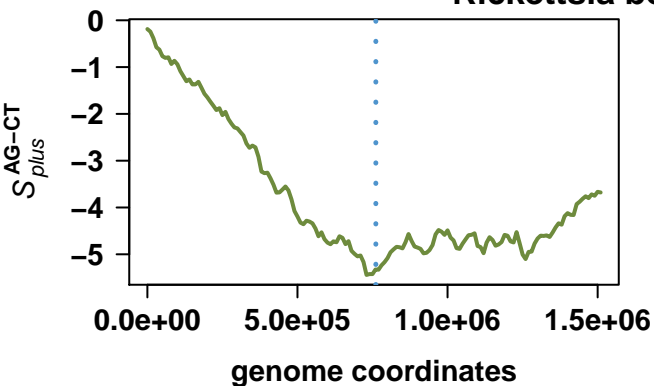
# Jannaschia sp. CCS1



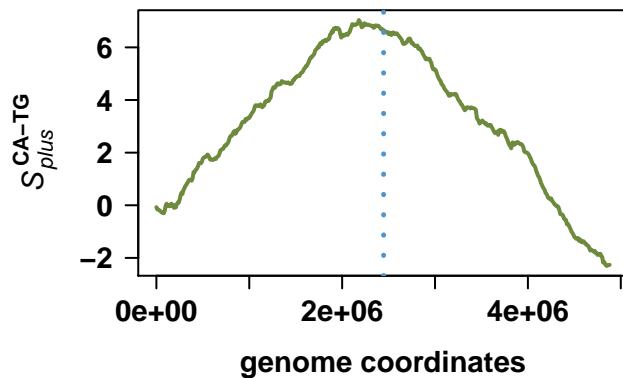
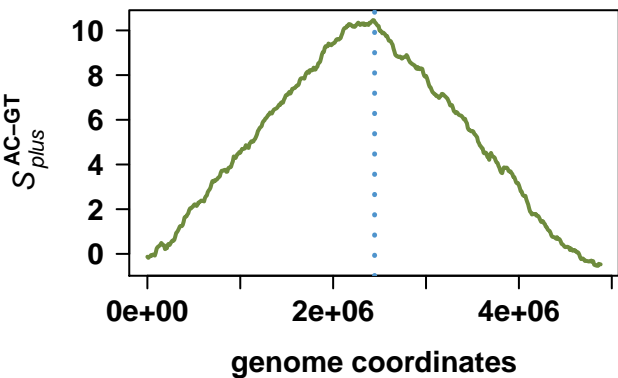
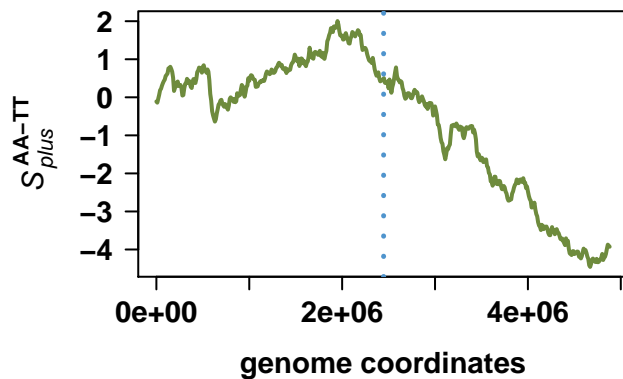
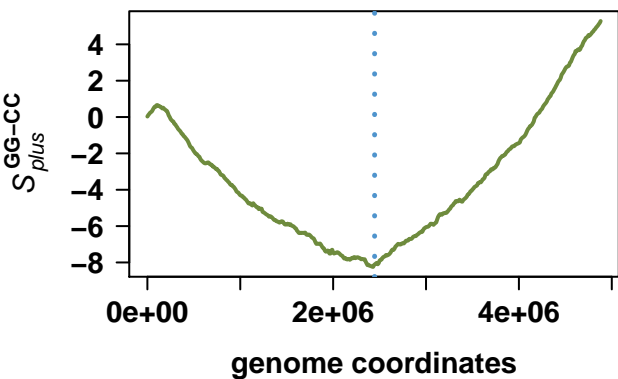
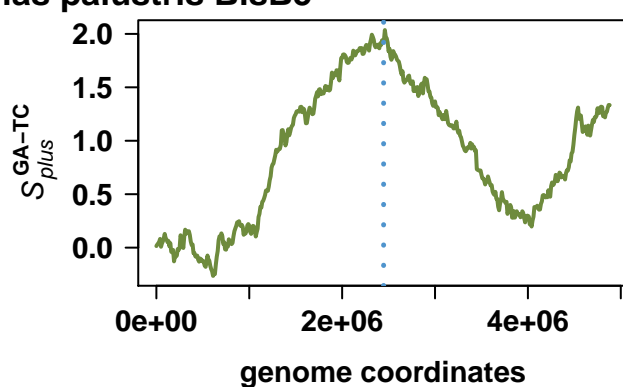
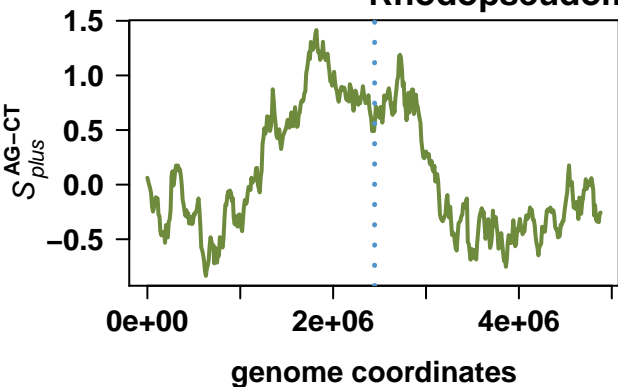
# Rhodopseudomonas palustris BisB18



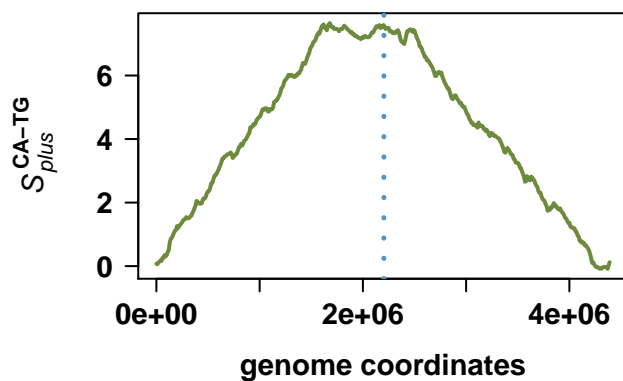
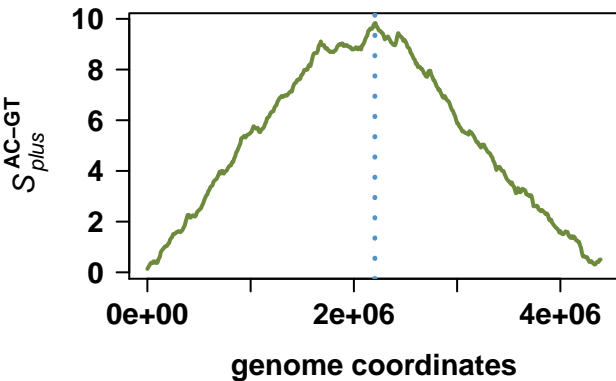
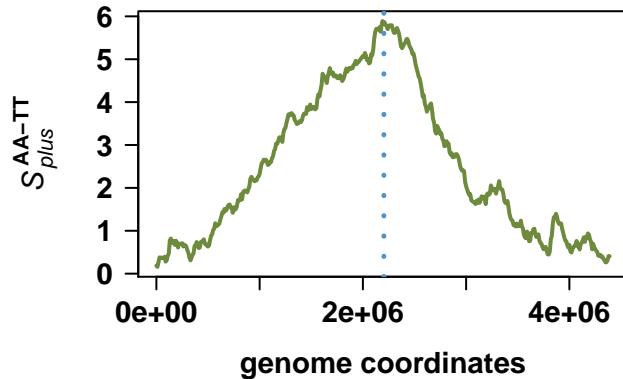
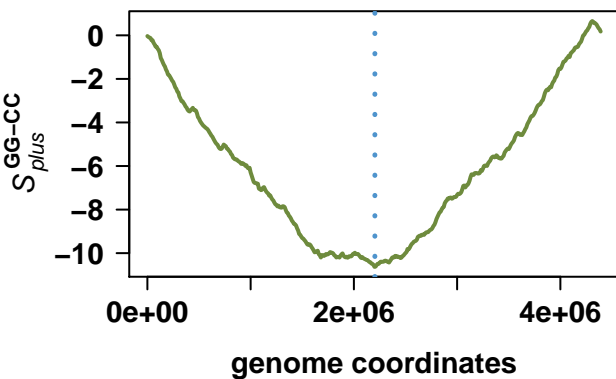
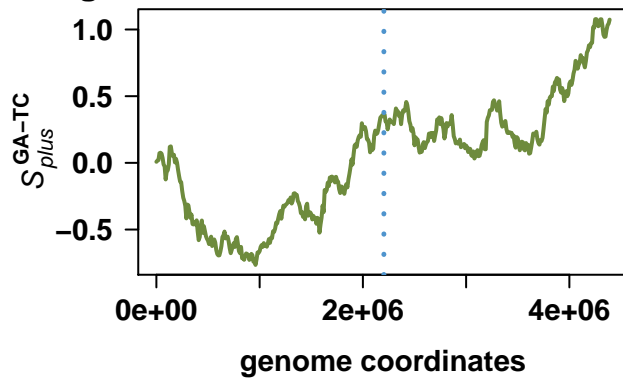
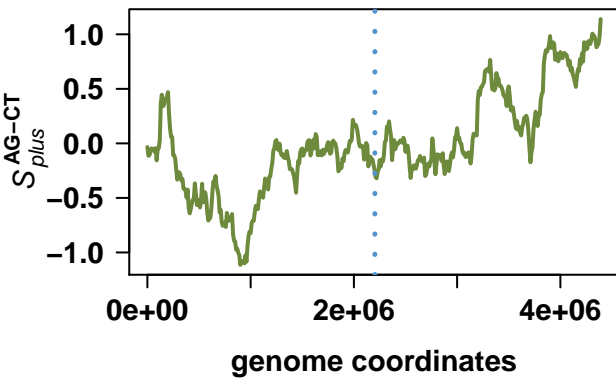
# Rickettsia bellii RML369-C



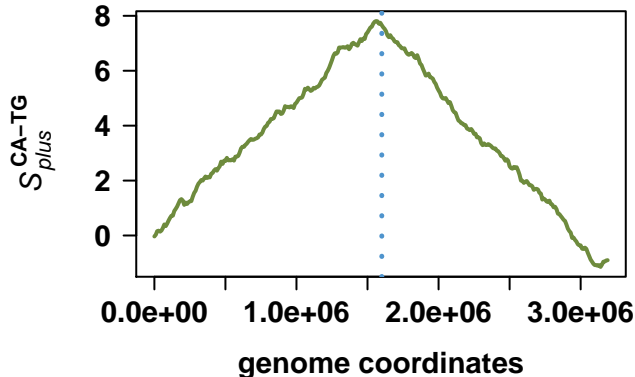
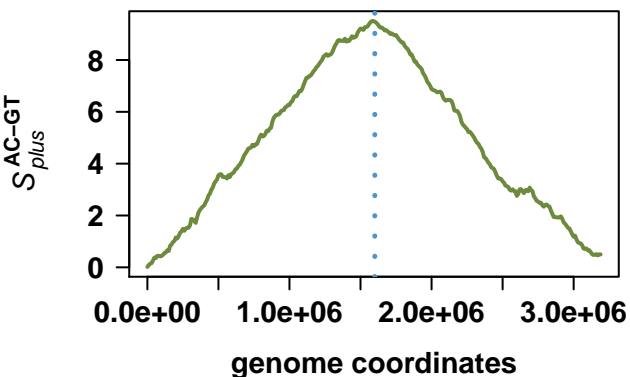
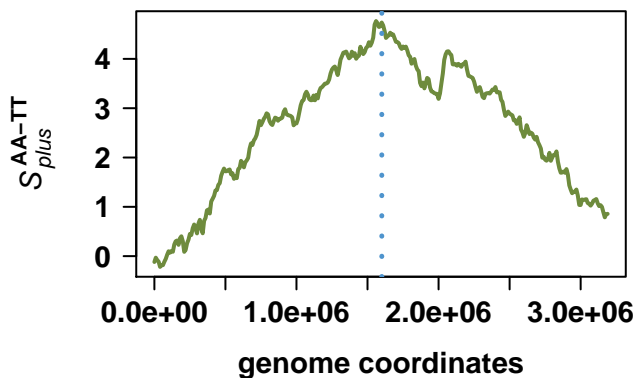
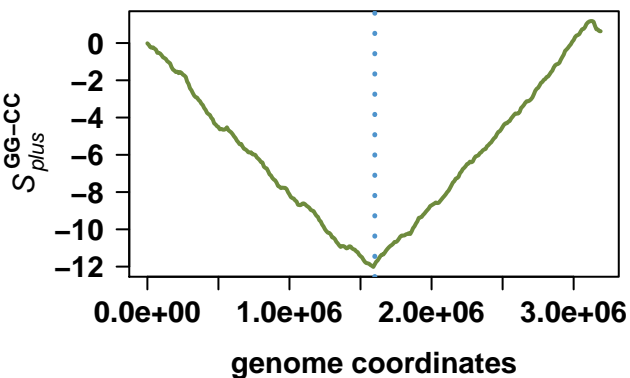
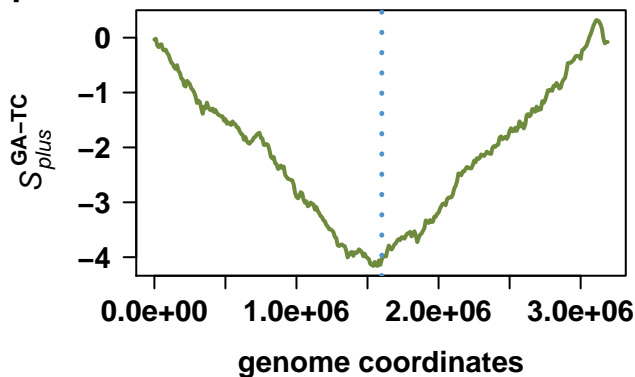
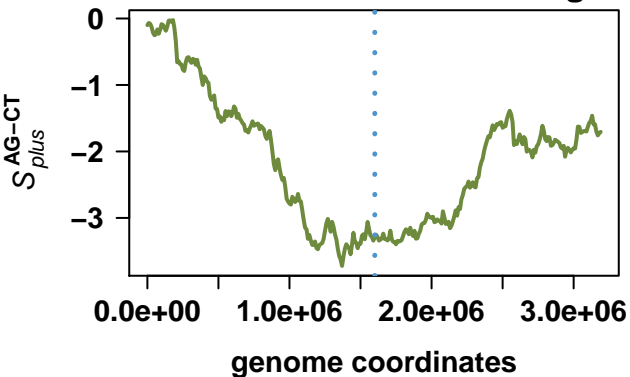
# Rhodospseudomonas palustris BisB5



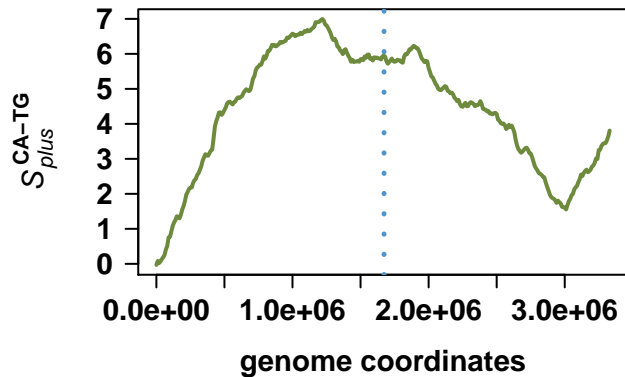
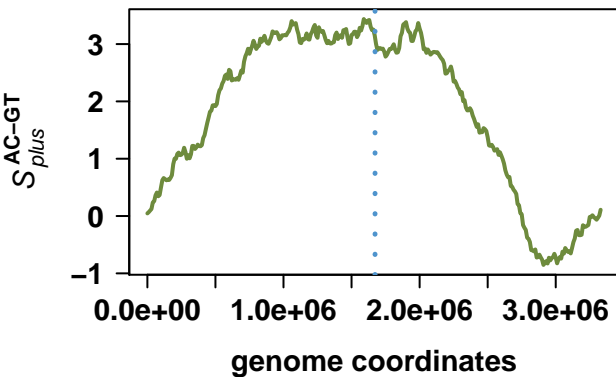
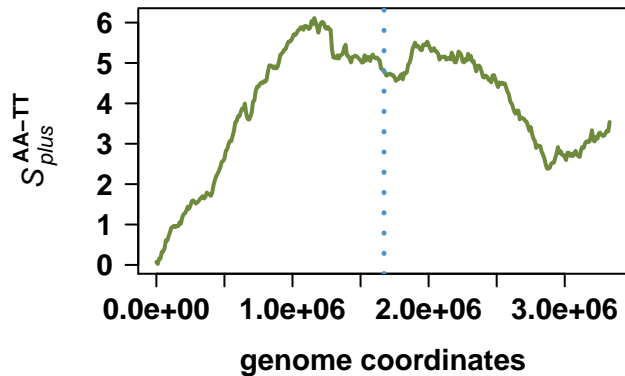
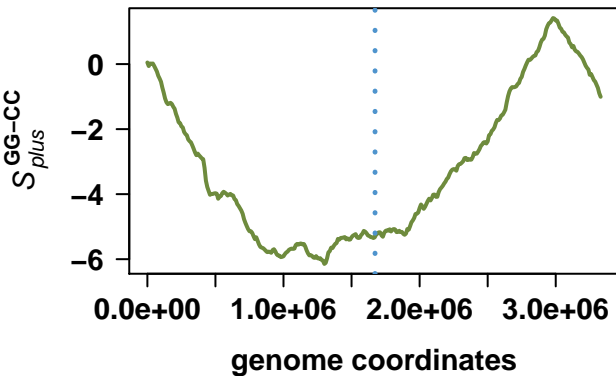
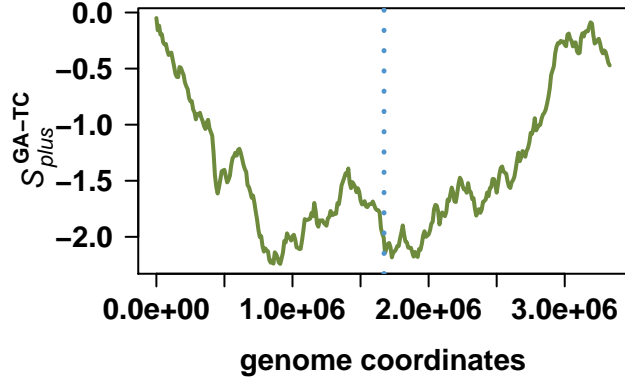
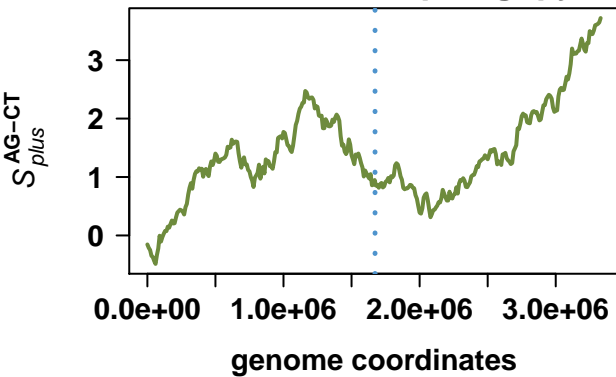
# Nitrobacter hamburgensis X14



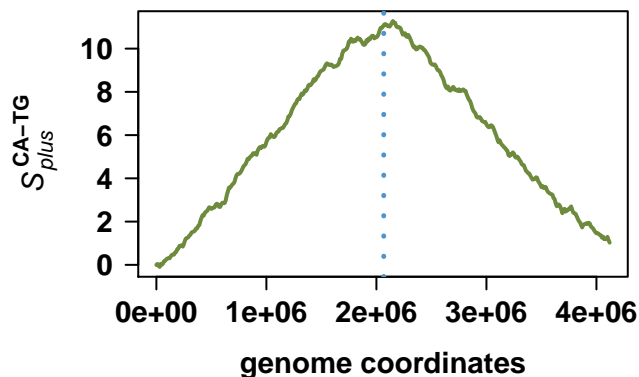
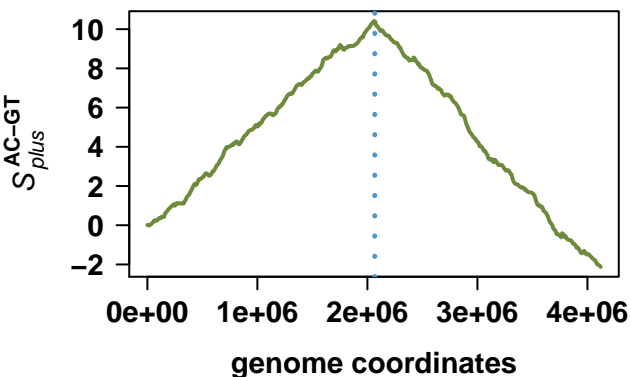
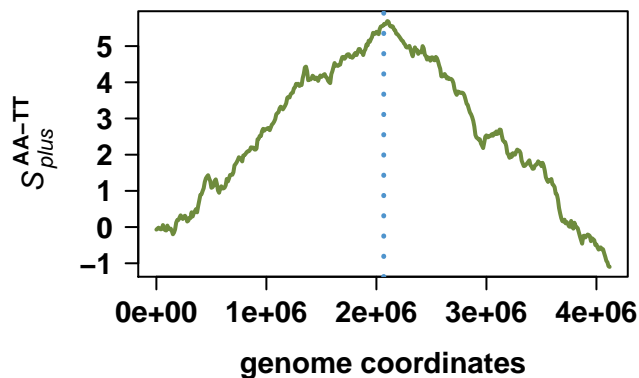
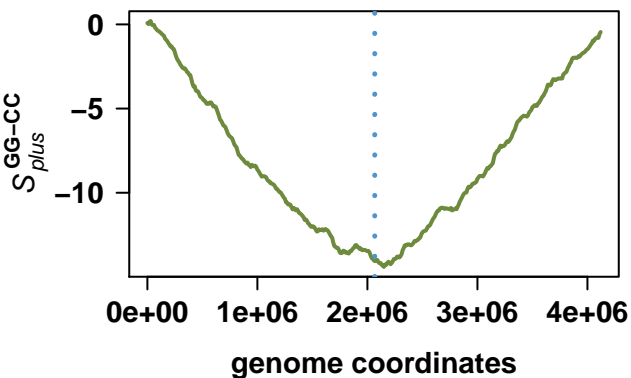
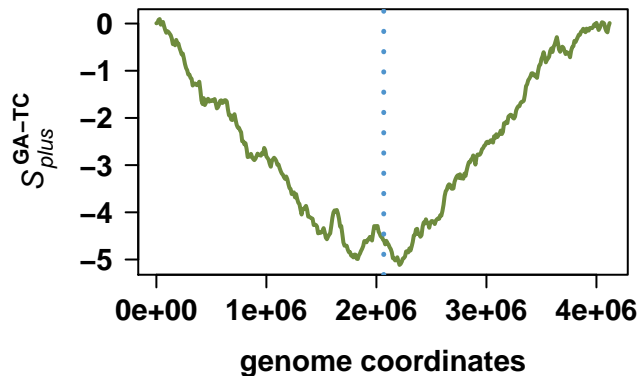
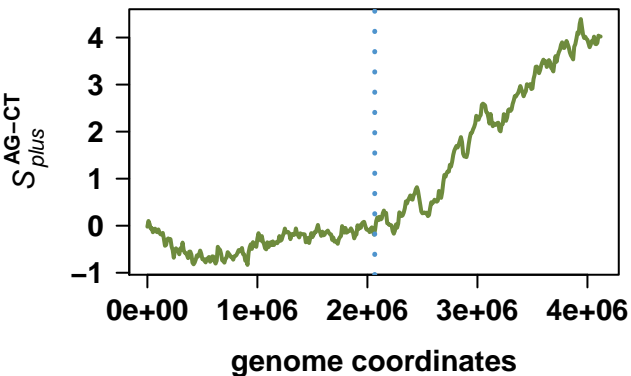
# Ruegeria sp. TM1040



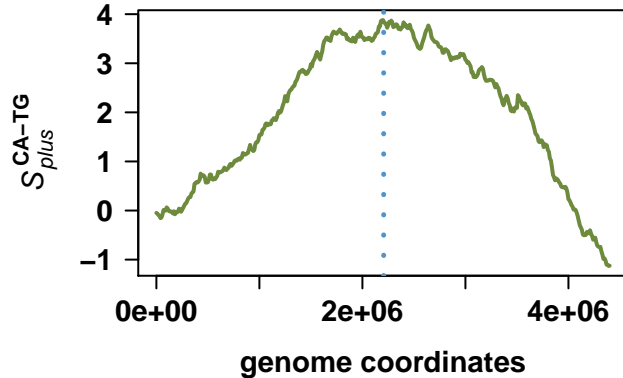
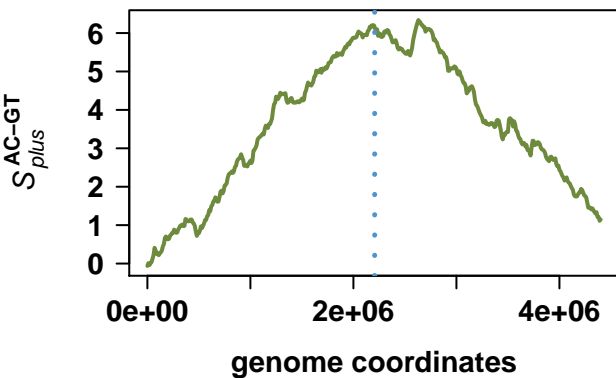
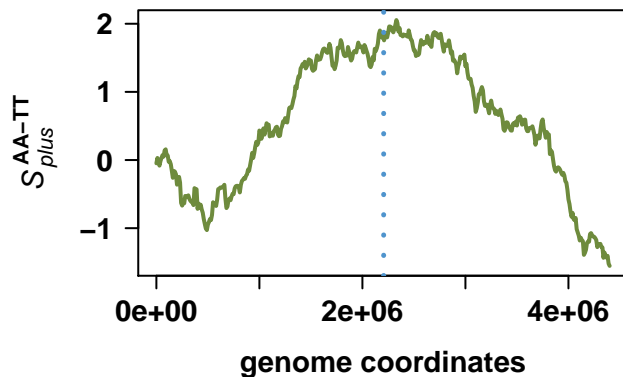
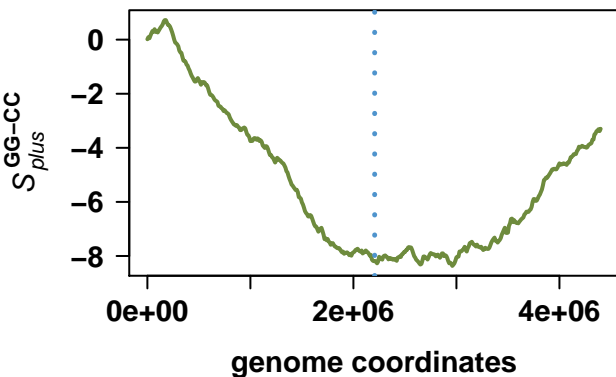
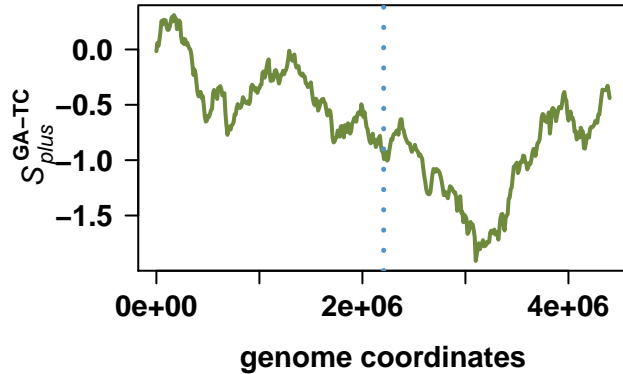
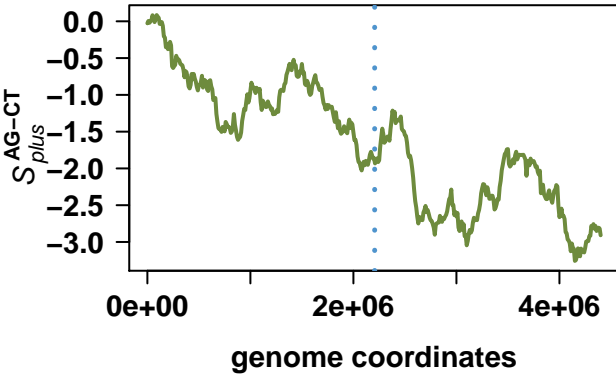
# Spingopyxis alaskensis RB2256



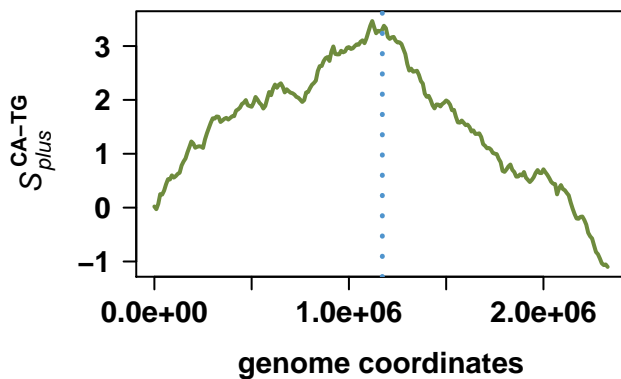
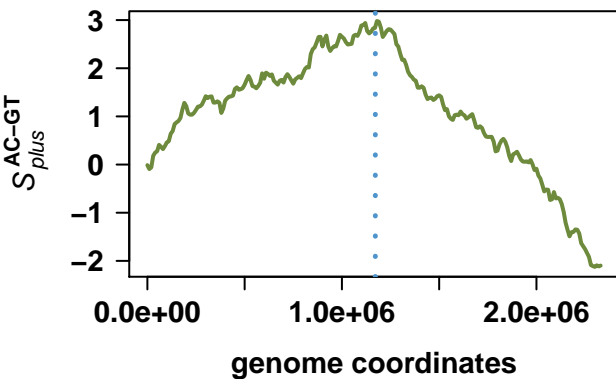
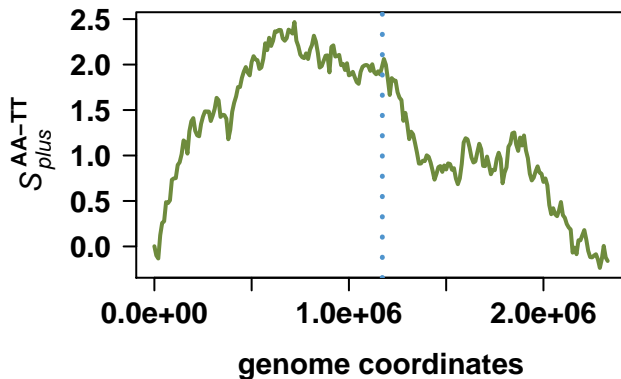
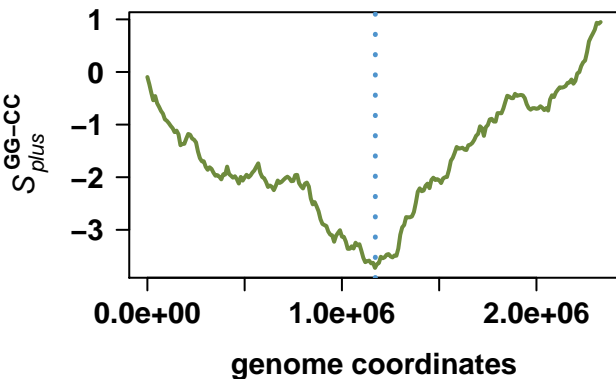
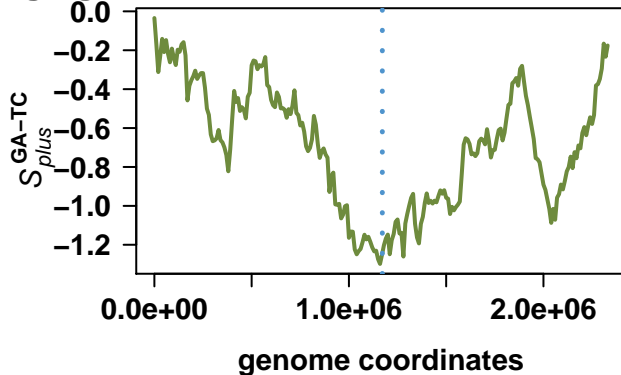
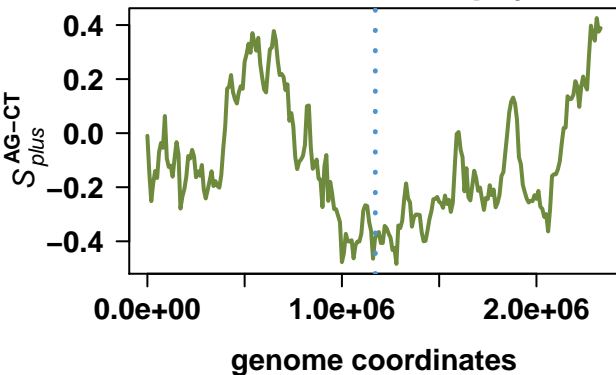
# Roseobacter denitrificans OCh 114



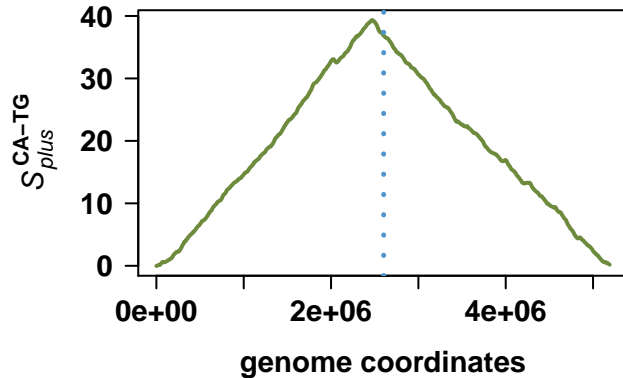
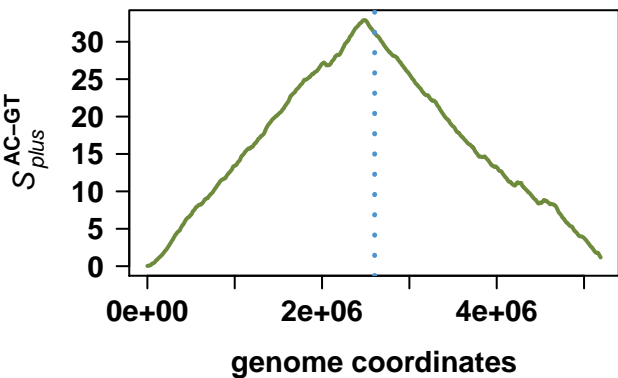
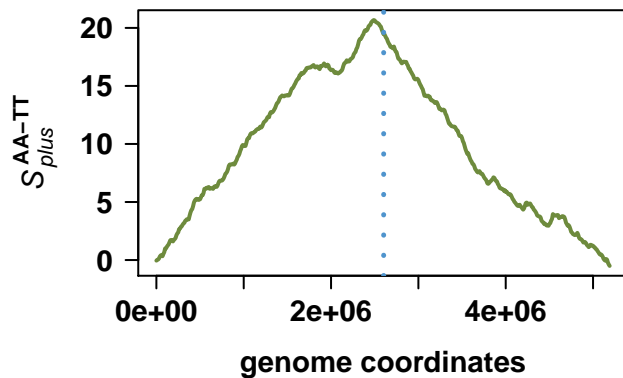
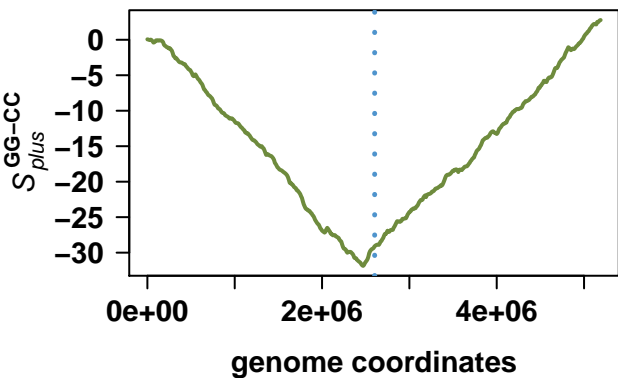
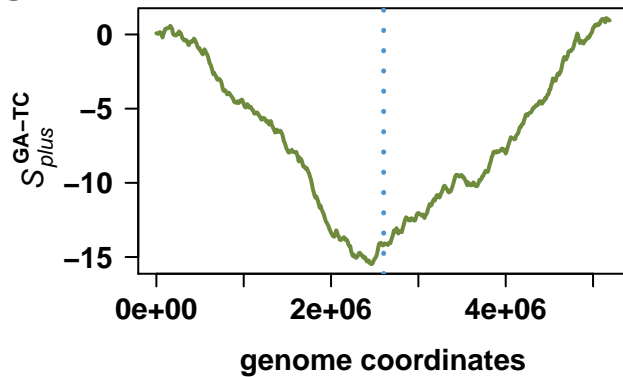
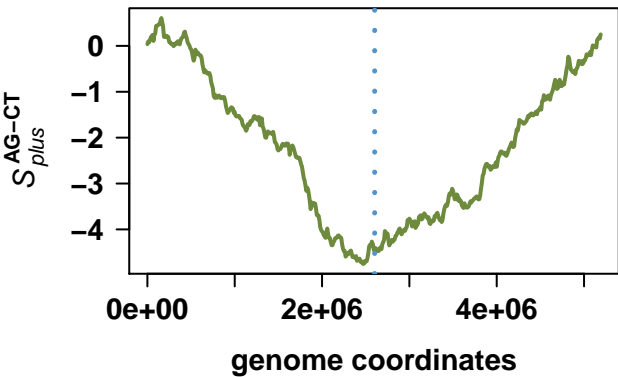
# Chelativorans sp. BNC1



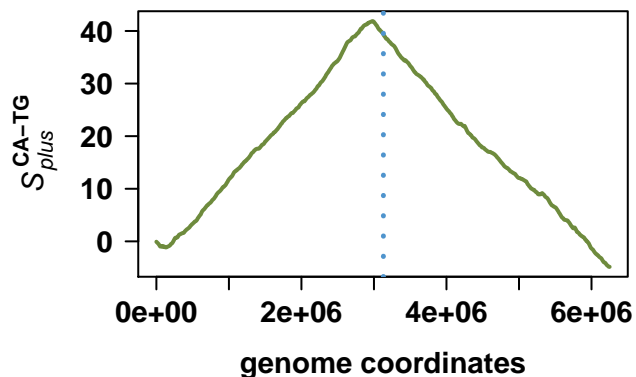
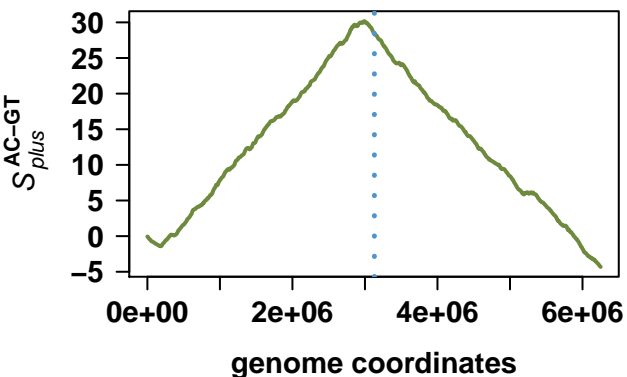
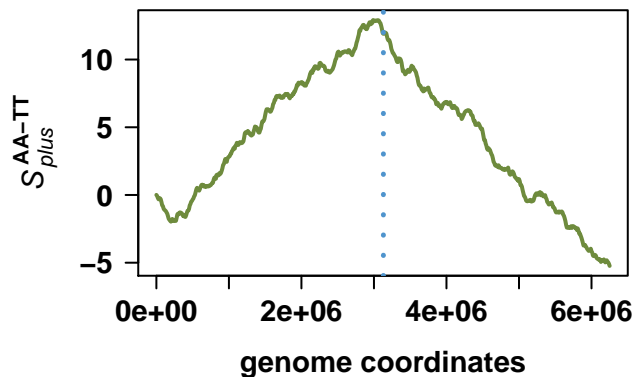
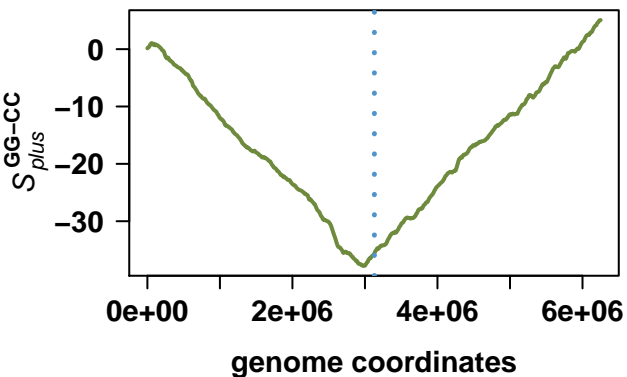
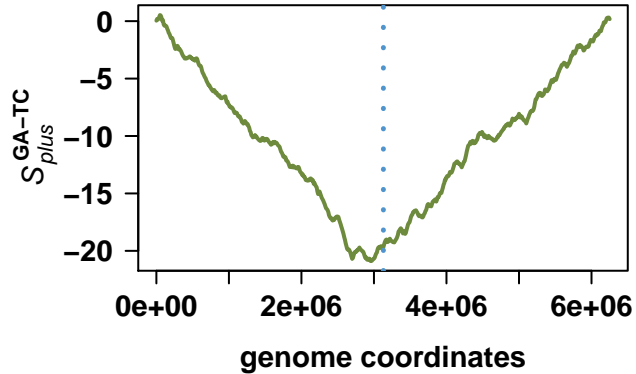
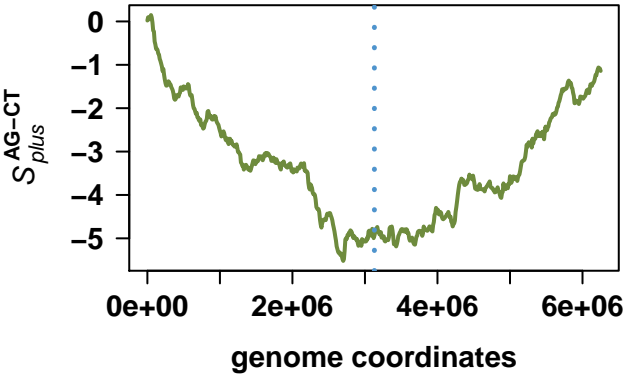
# Porphyromonas gingivalis W83



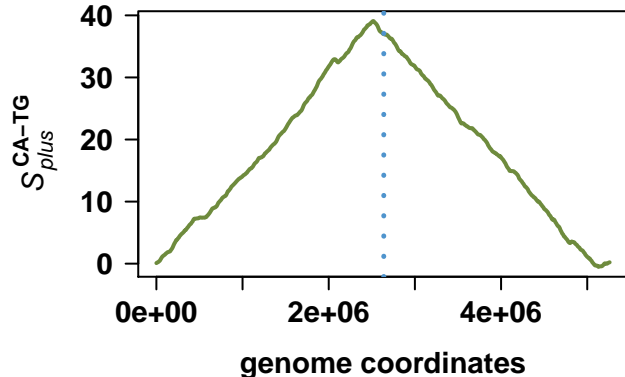
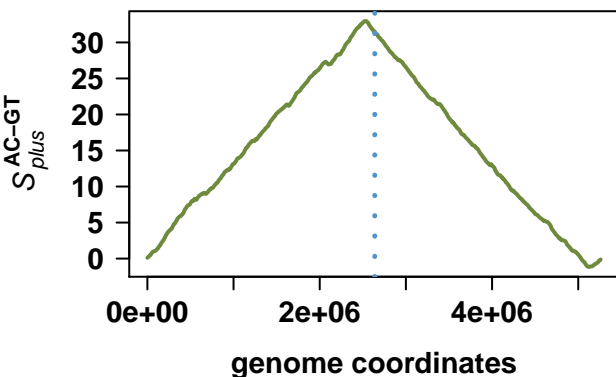
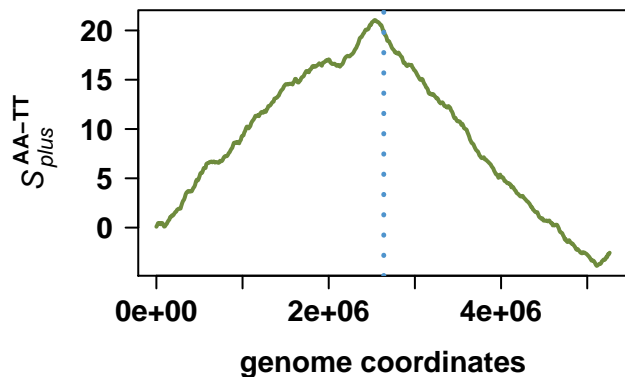
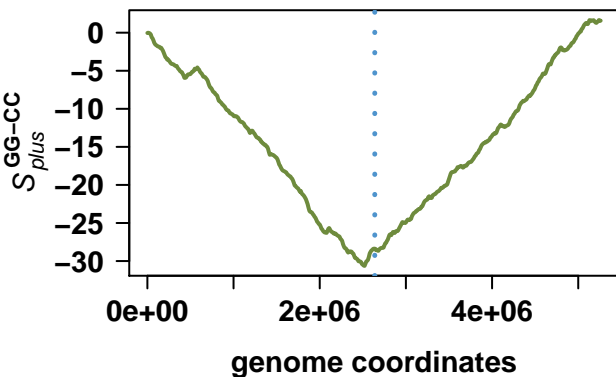
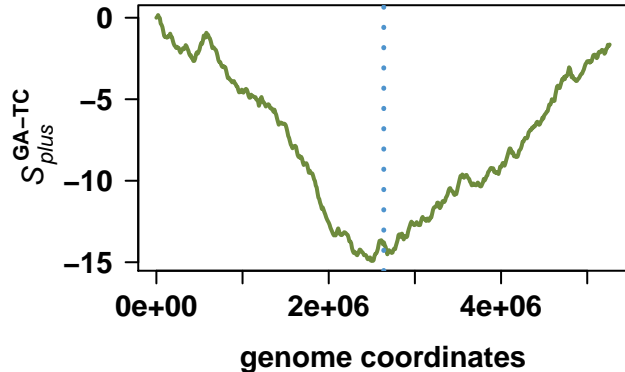
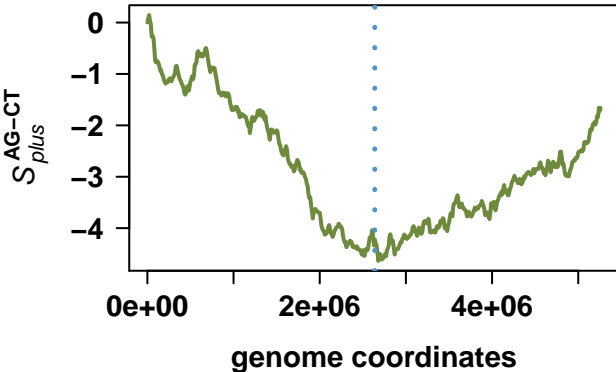
# Bacteroides fragilis NCTC 9343



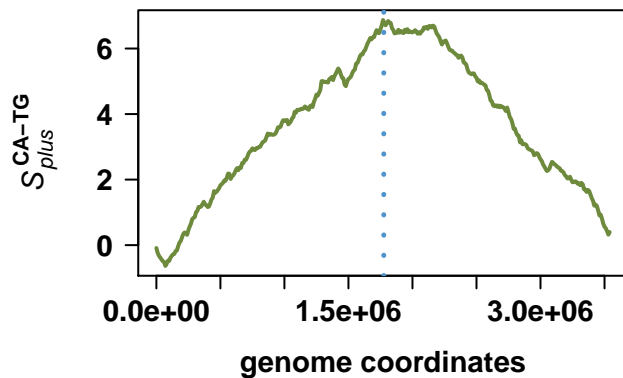
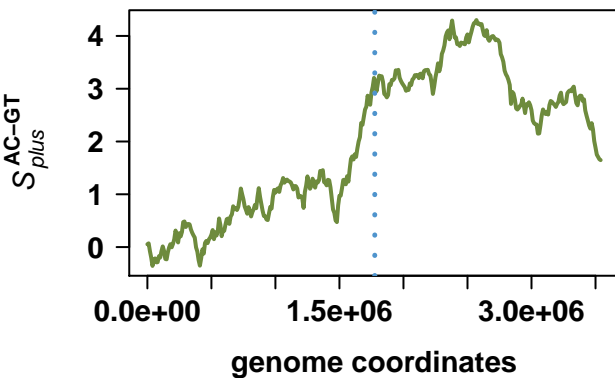
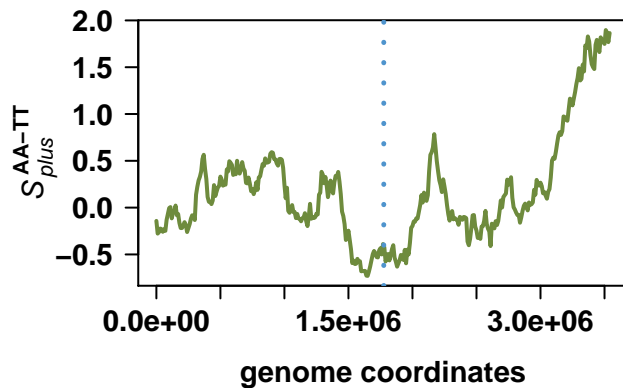
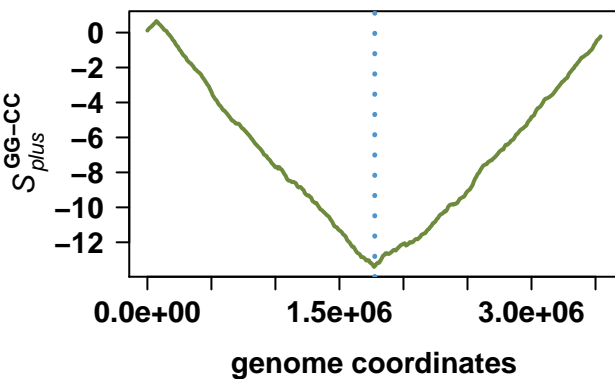
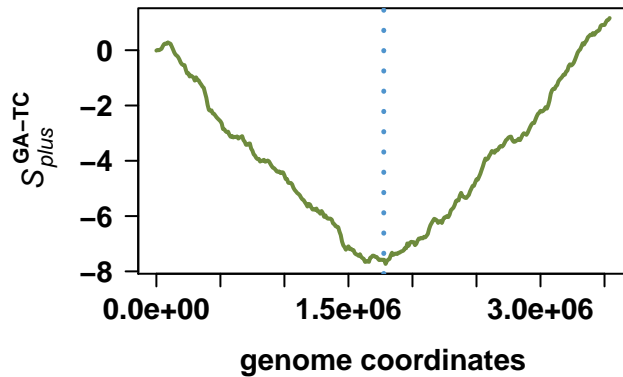
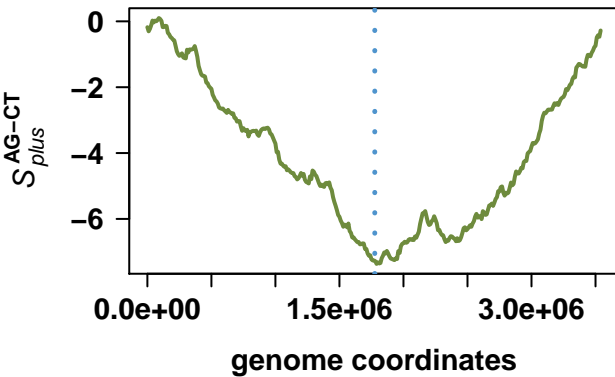
# Bacteroides thetaiotaomicron VPI-5482



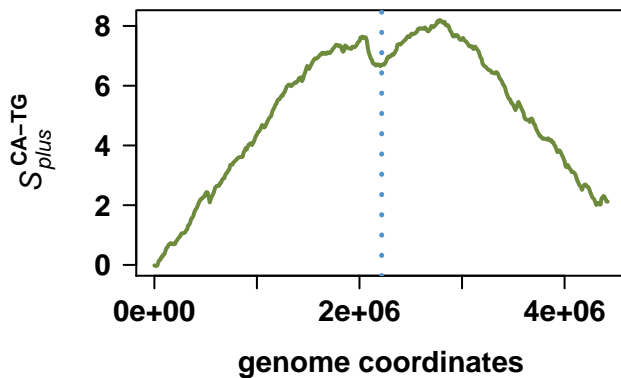
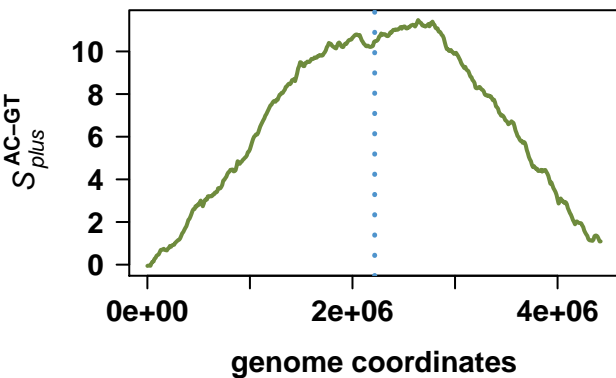
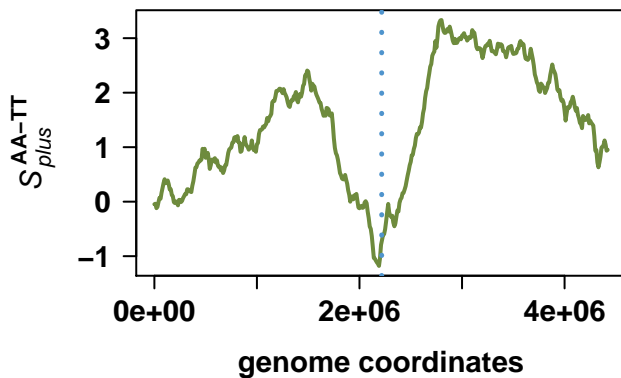
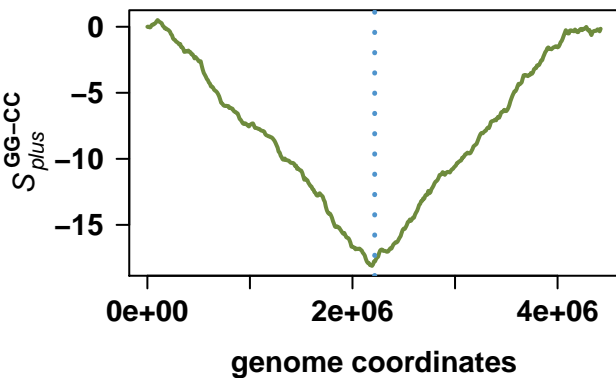
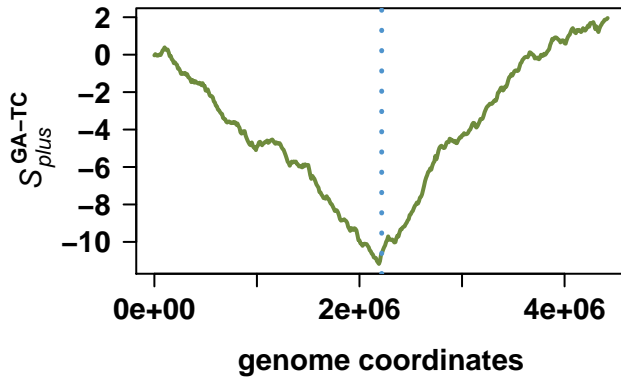
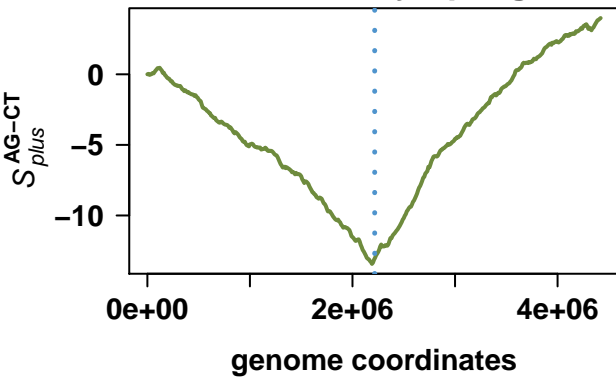
# Bacteroides fragilis YCH46



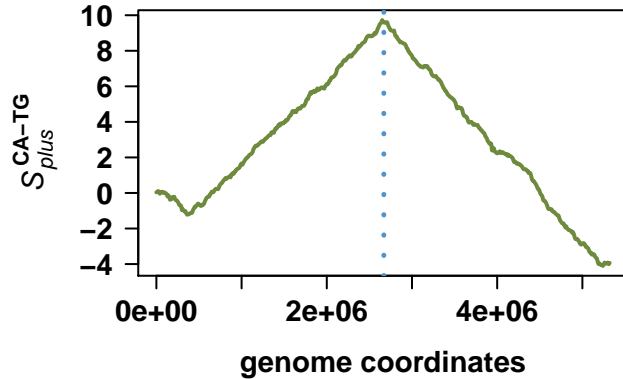
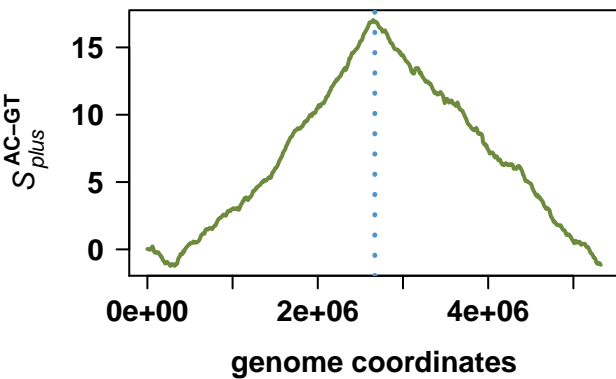
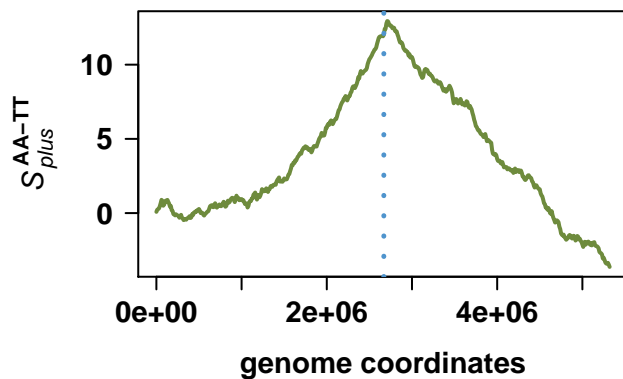
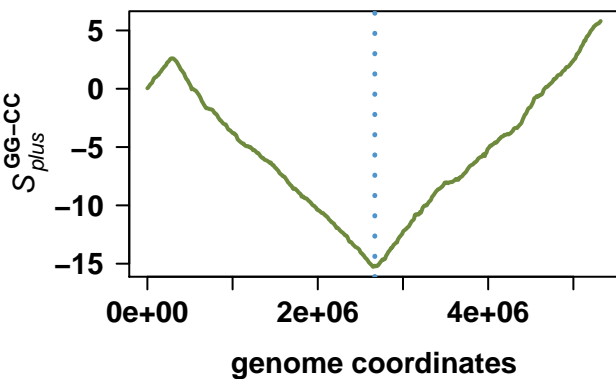
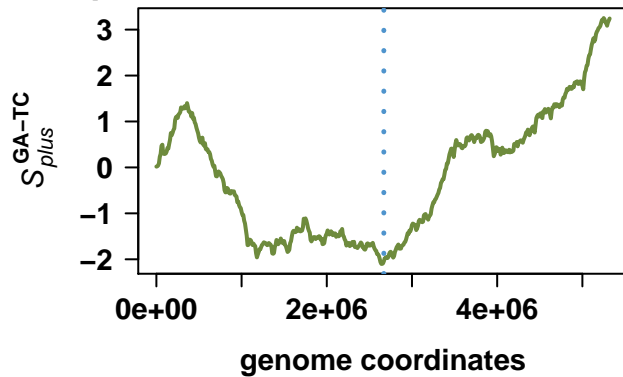
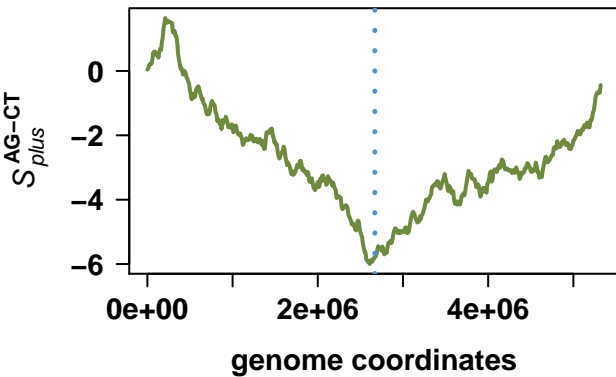
# Salinibacter ruber DSM 13855



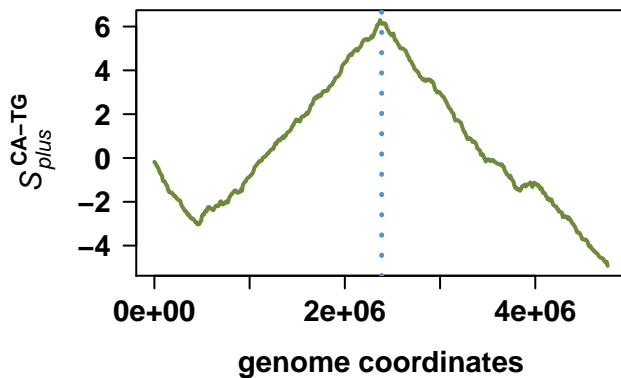
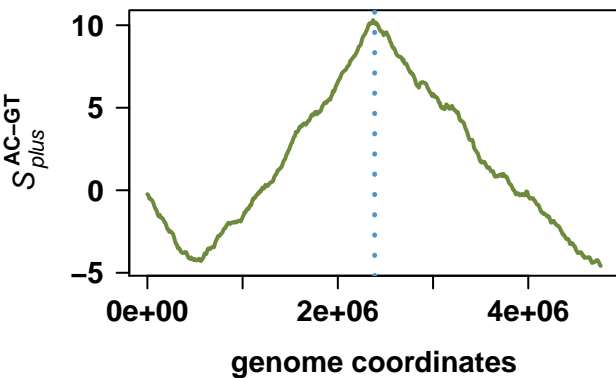
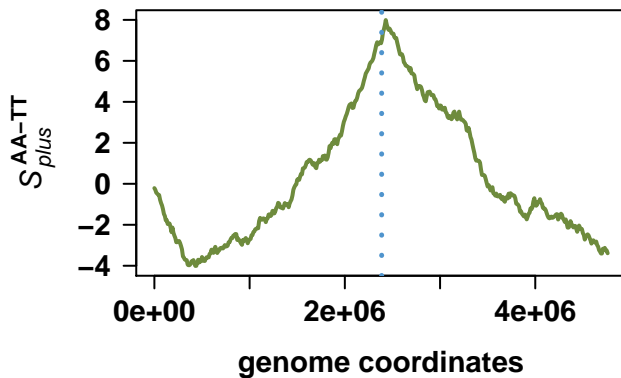
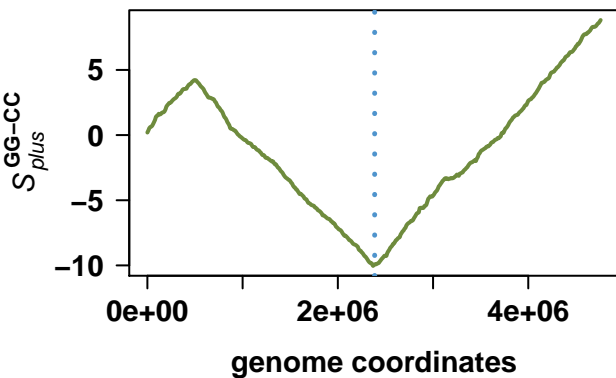
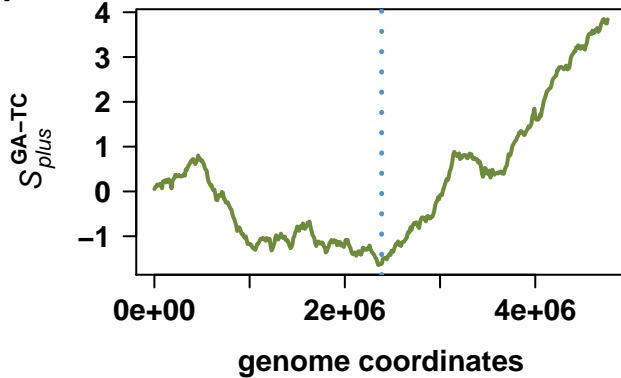
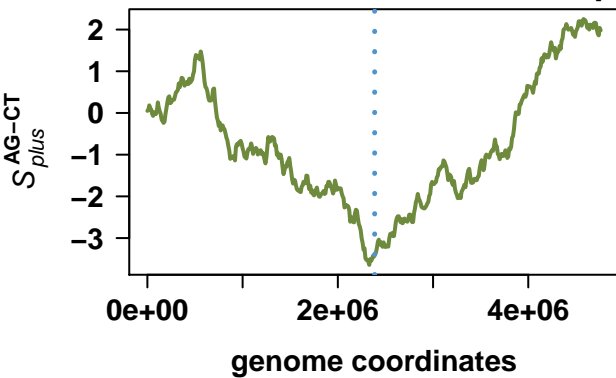
# Cytophaga hutchinsonii ATCC 33406



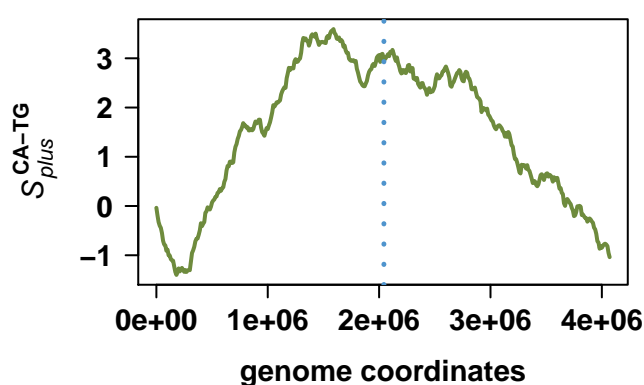
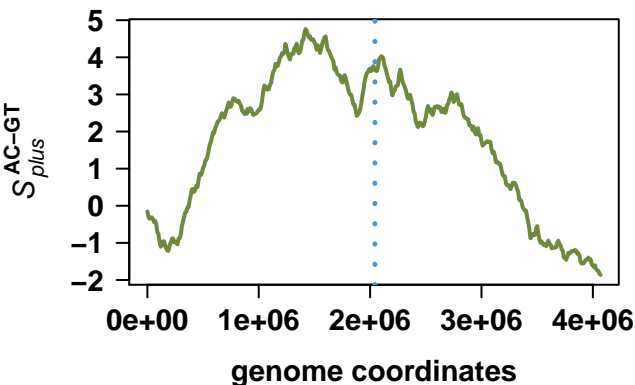
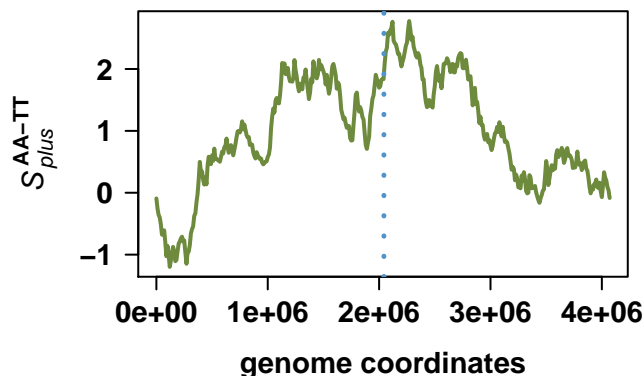
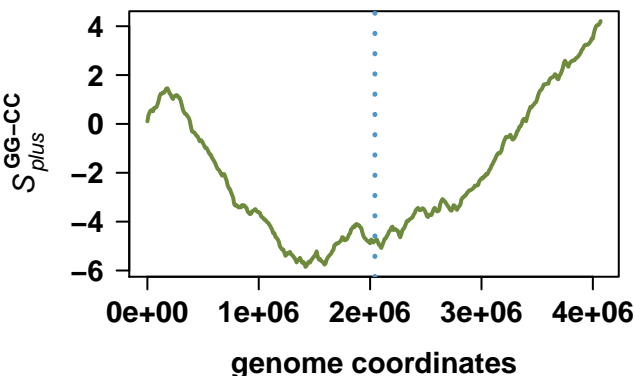
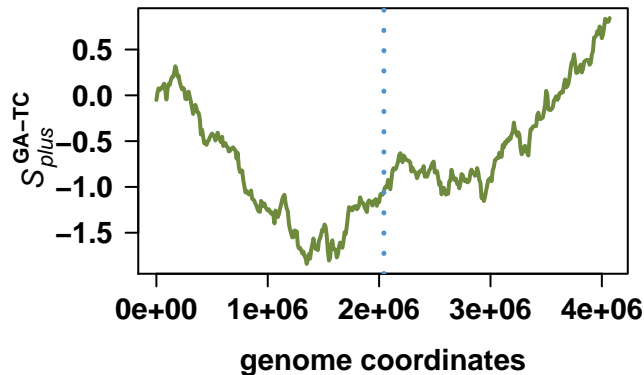
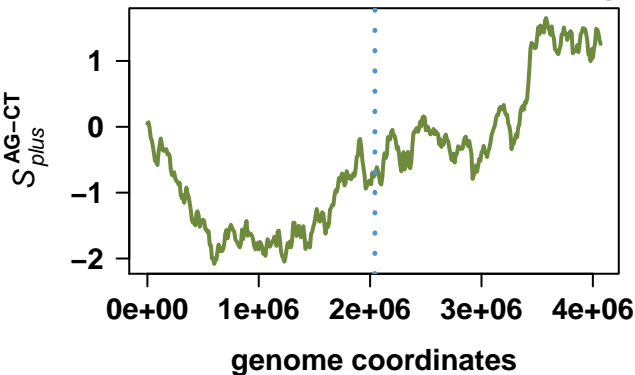
# *Bordetella bronchiseptica* RB50



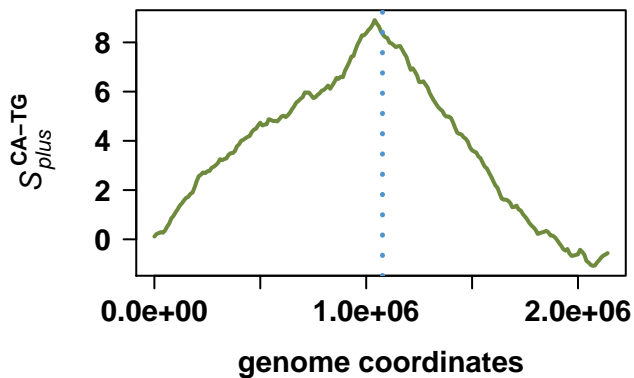
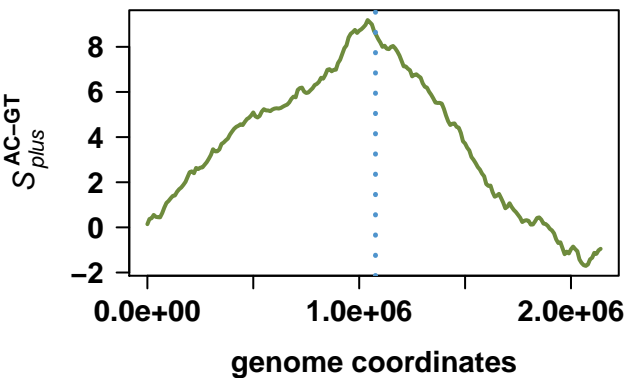
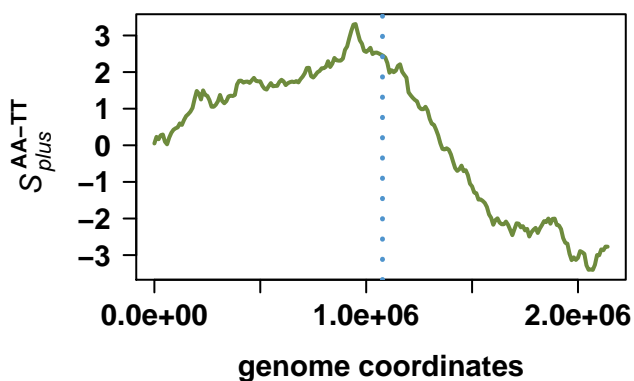
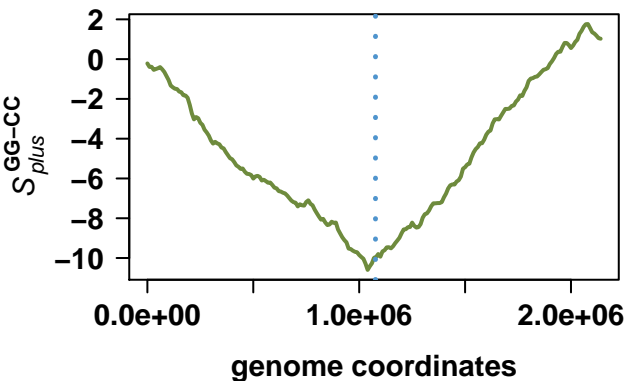
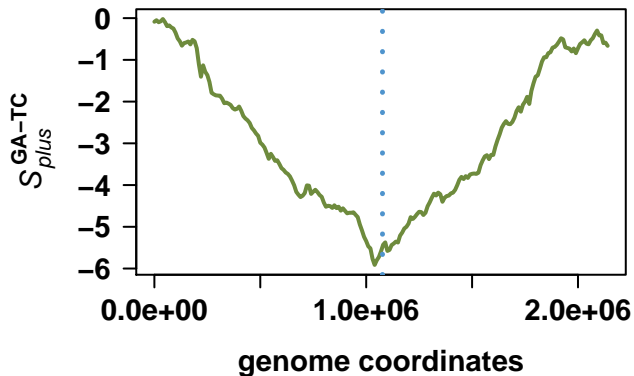
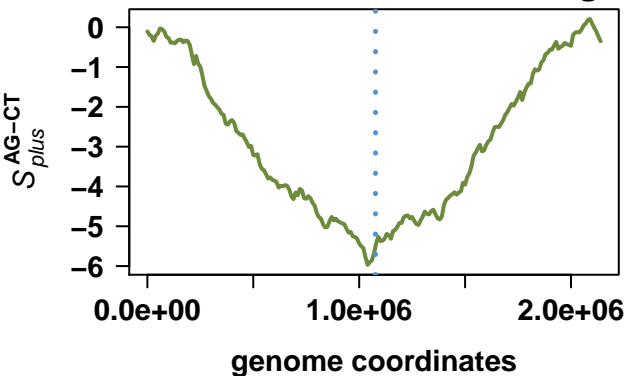
# Bordetella parapertussis 12822



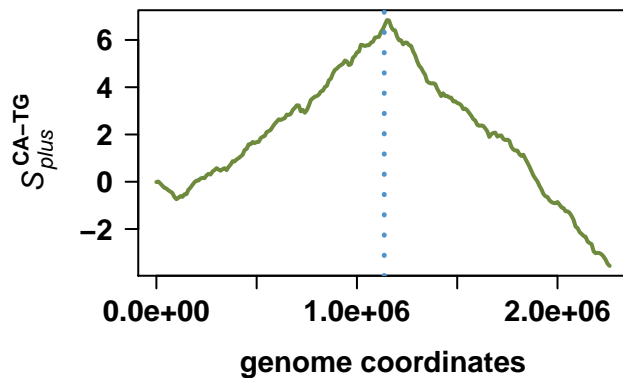
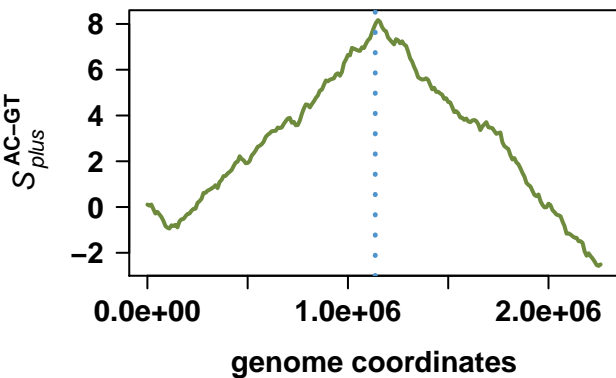
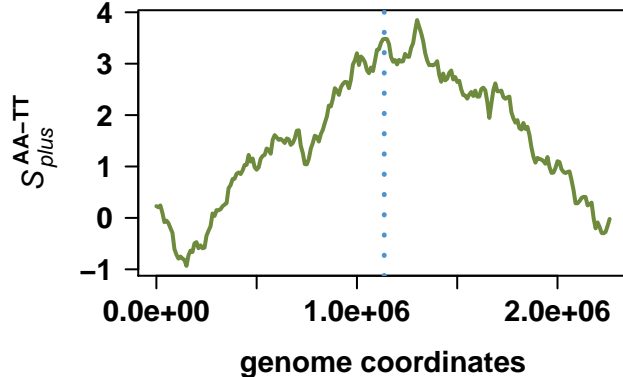
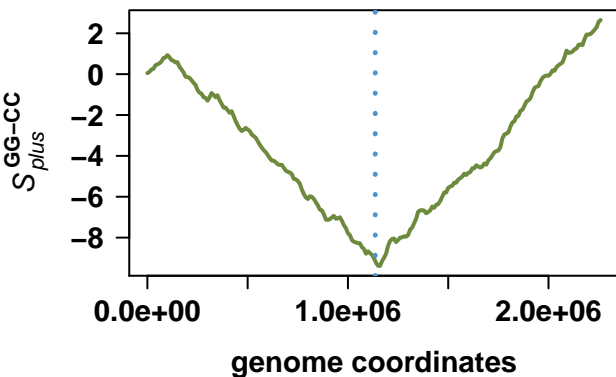
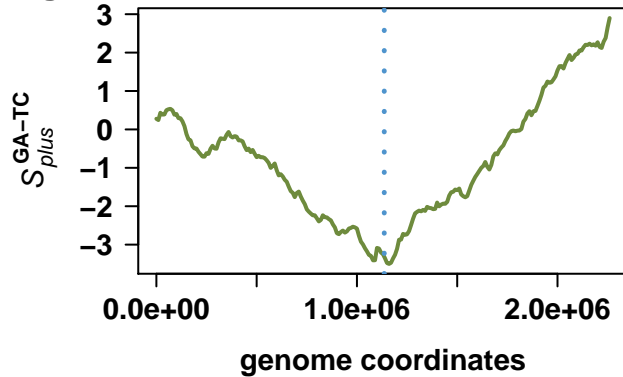
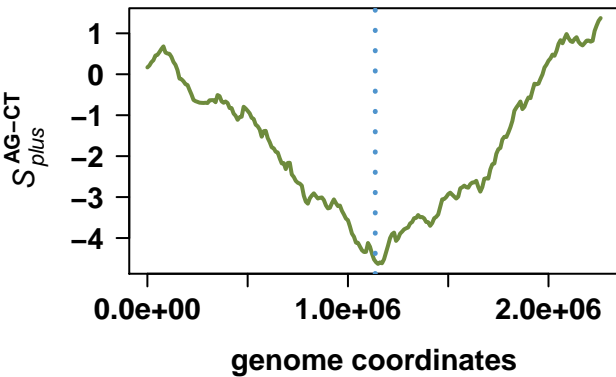
# Bordetella pertussis Tohama I



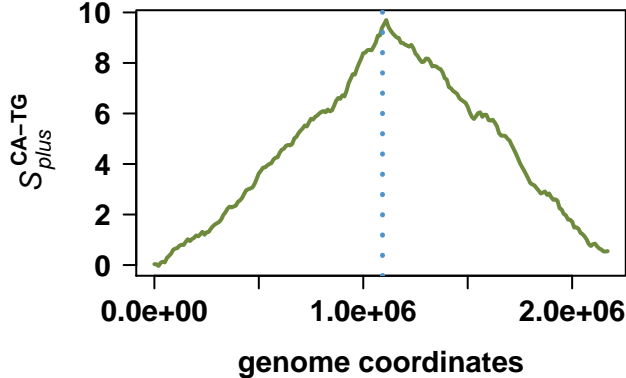
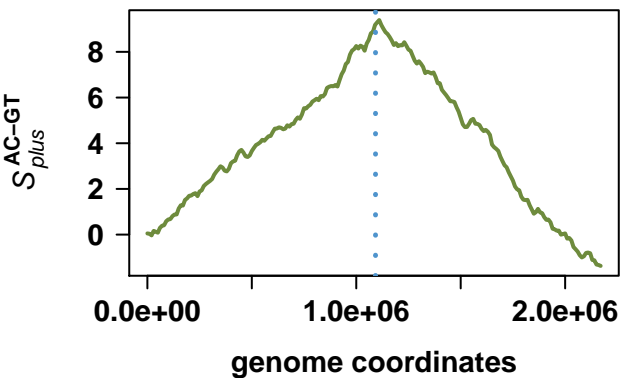
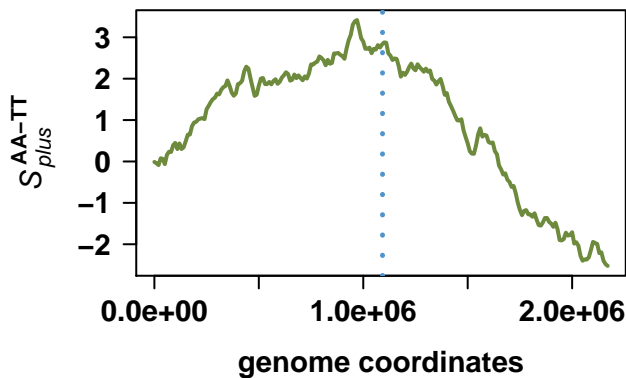
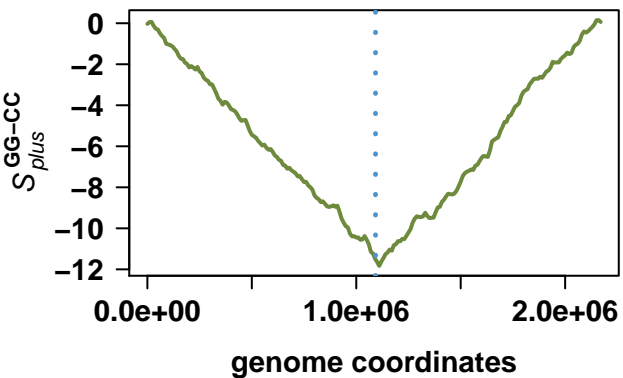
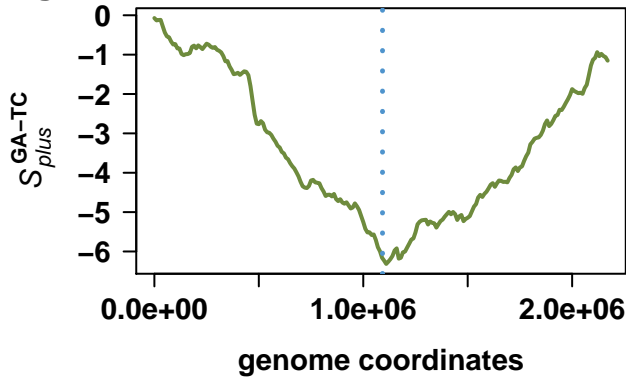
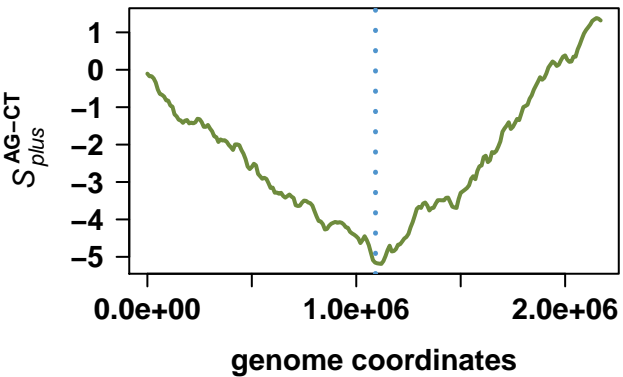
# Neisseria gonorrhoeae FA 1090



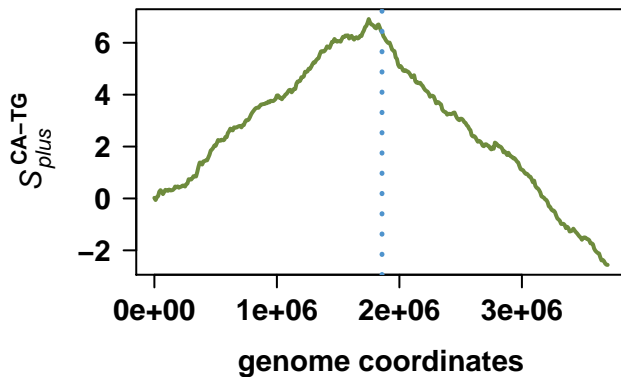
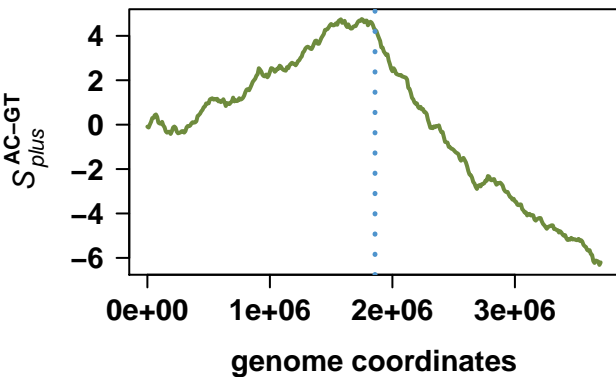
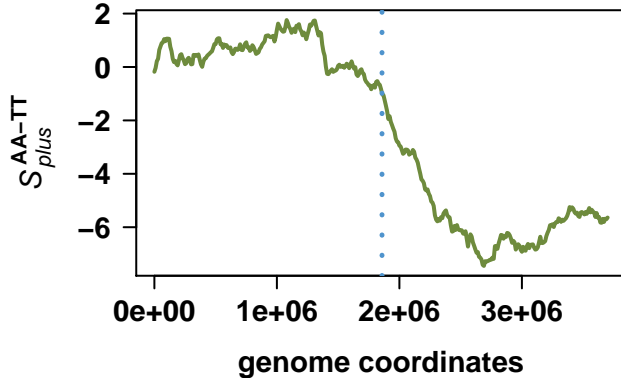
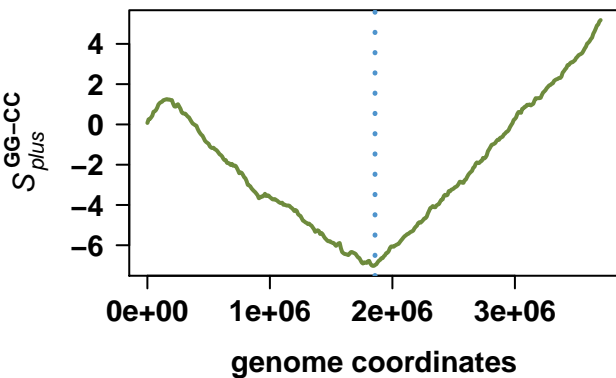
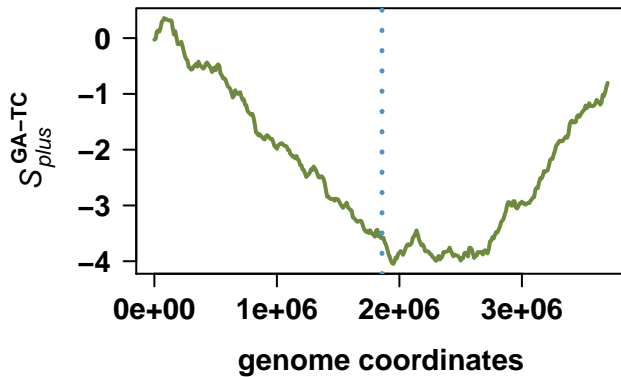
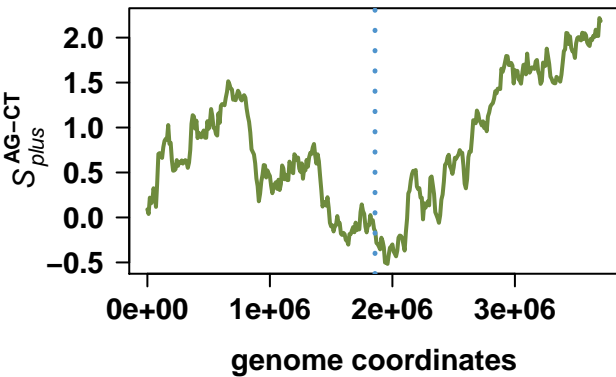
# Neisseria meningitidis MC58



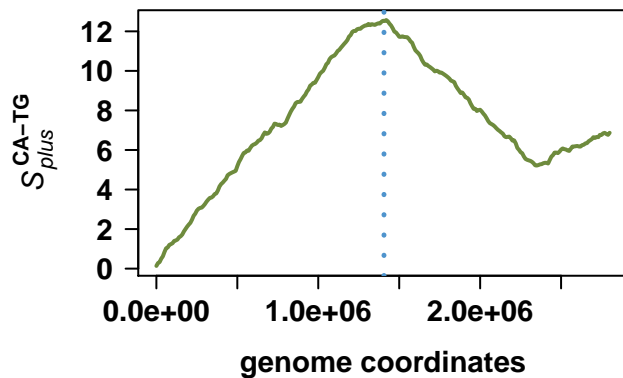
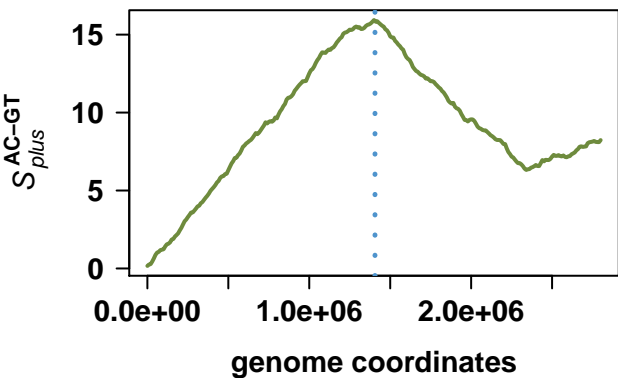
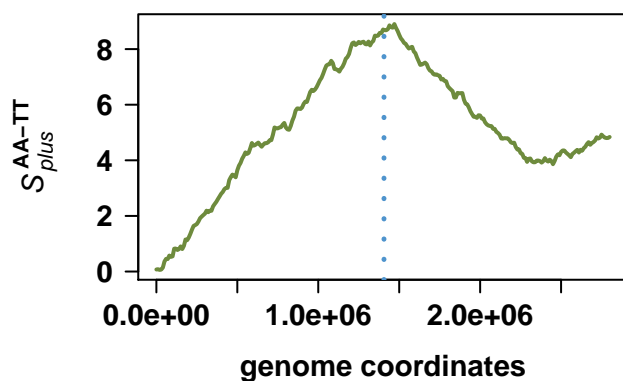
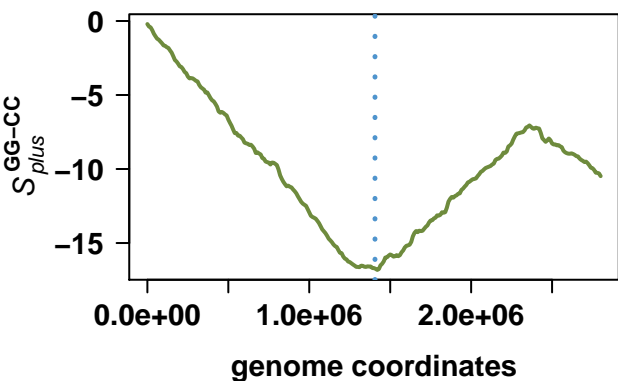
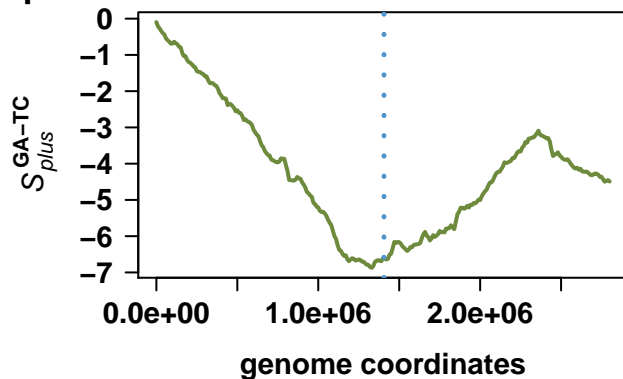
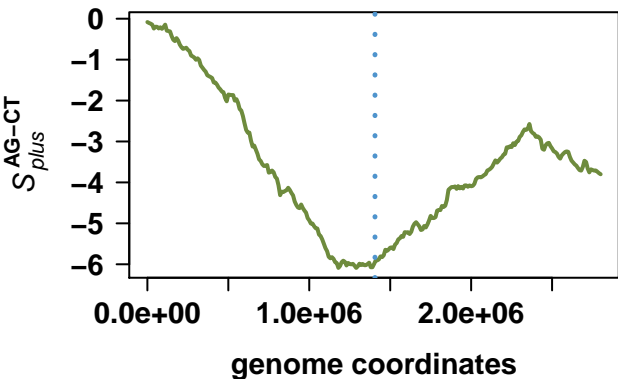
# Neisseria meningitidis Z2491



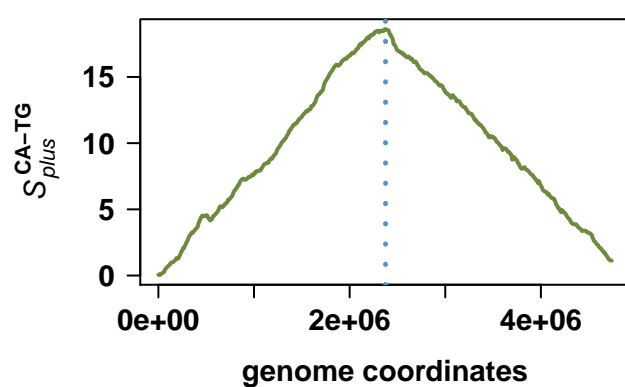
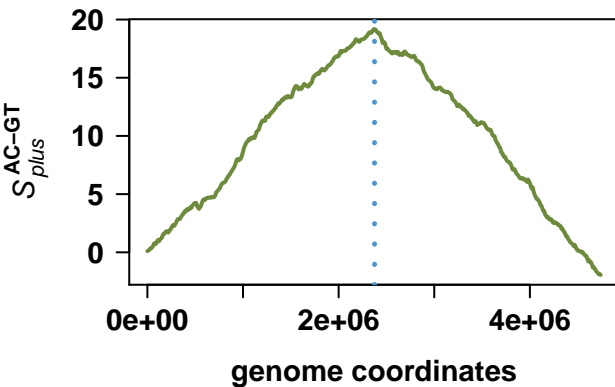
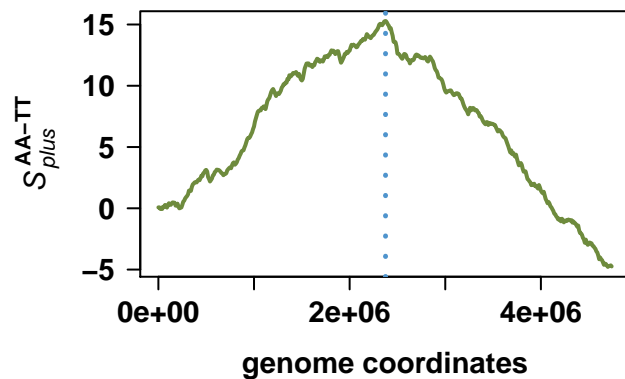
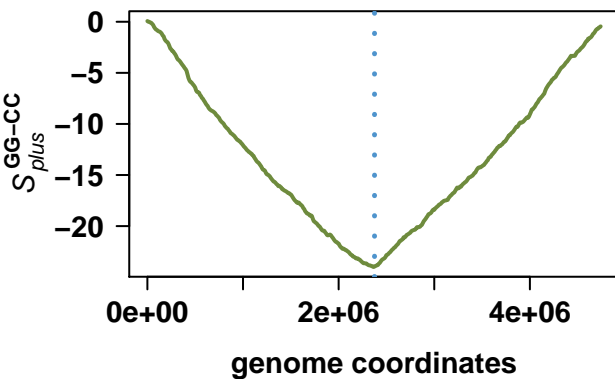
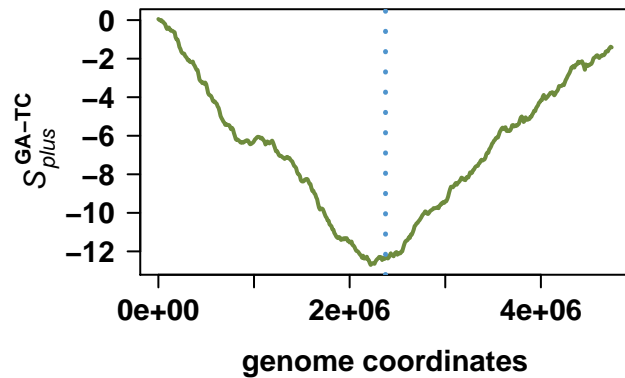
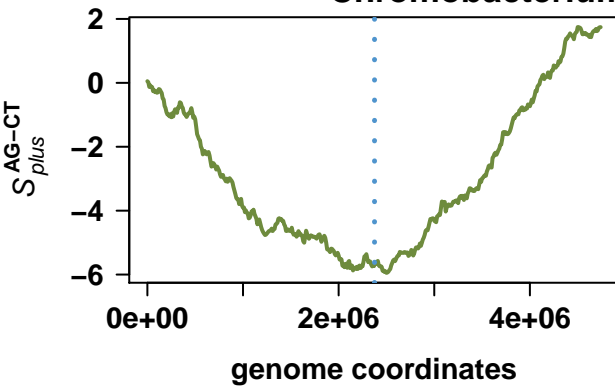
# Ralstonia solanacearum GMI1000



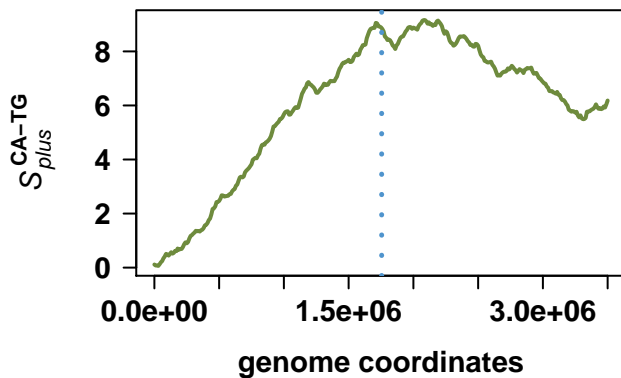
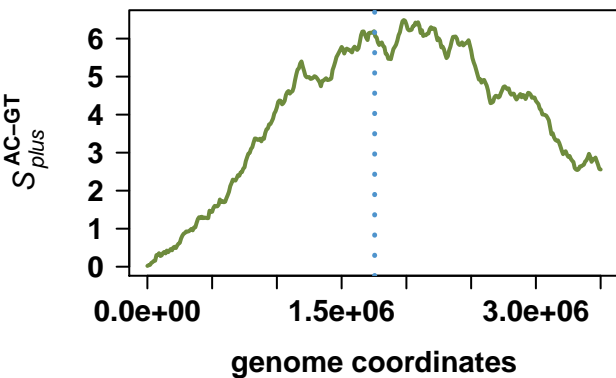
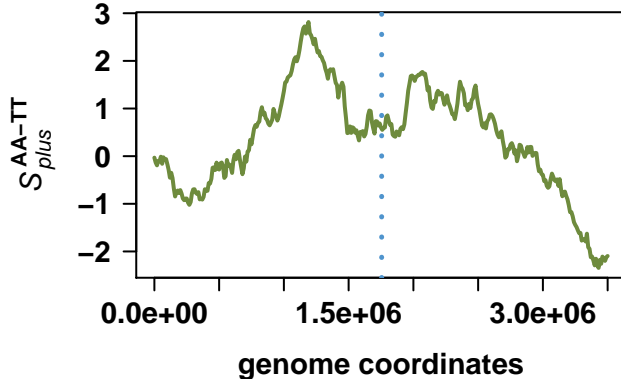
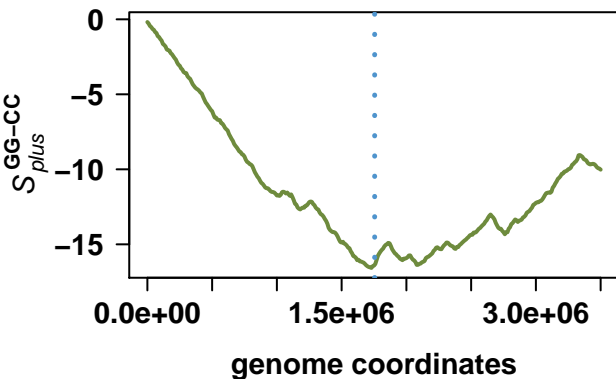
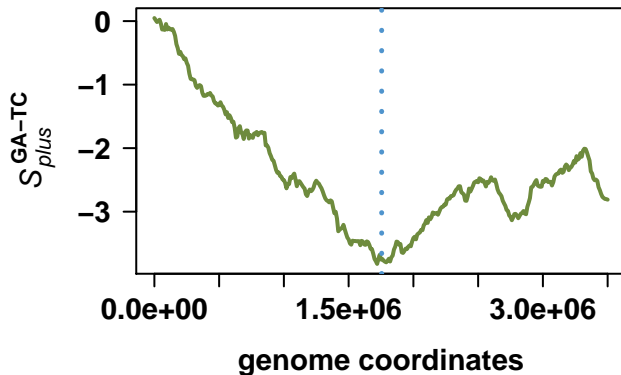
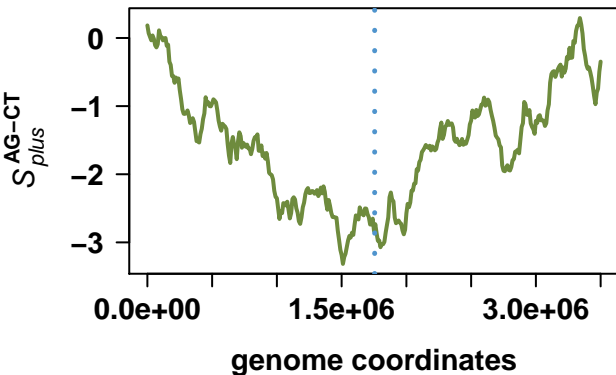
# Nitrosomonas europaea ATCC 19718



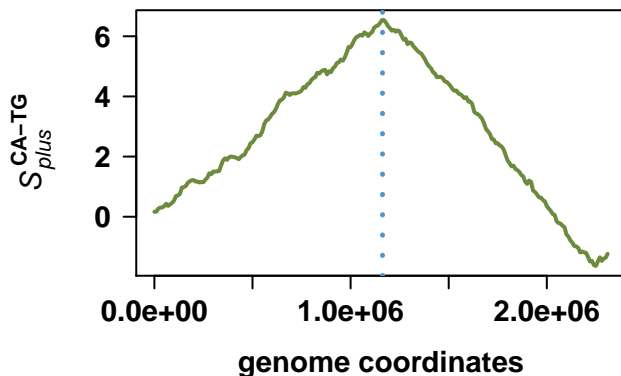
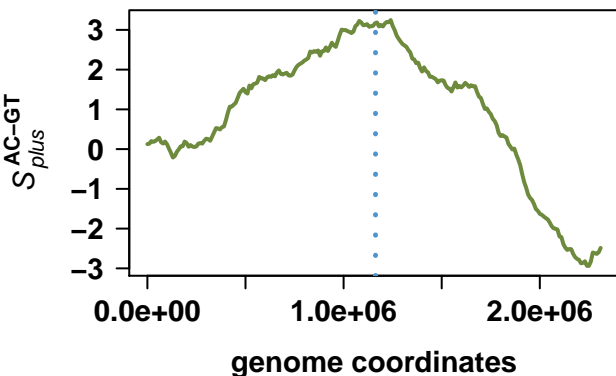
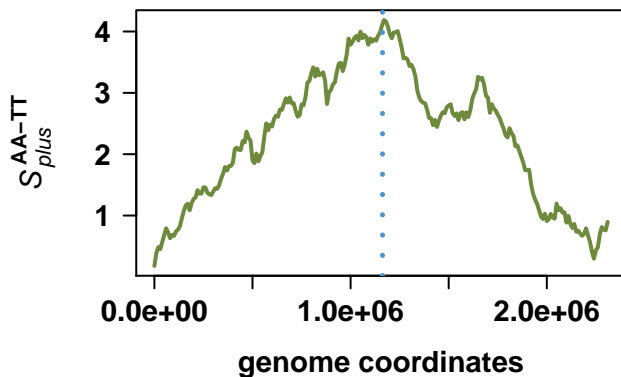
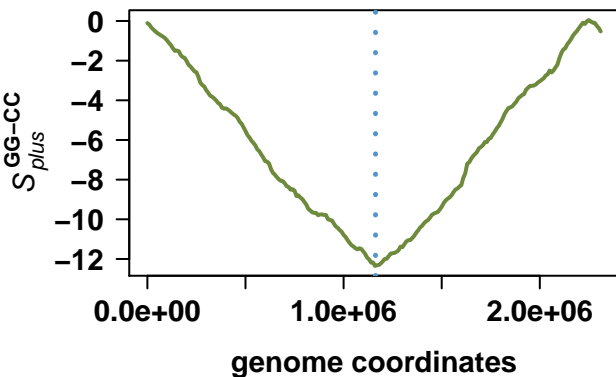
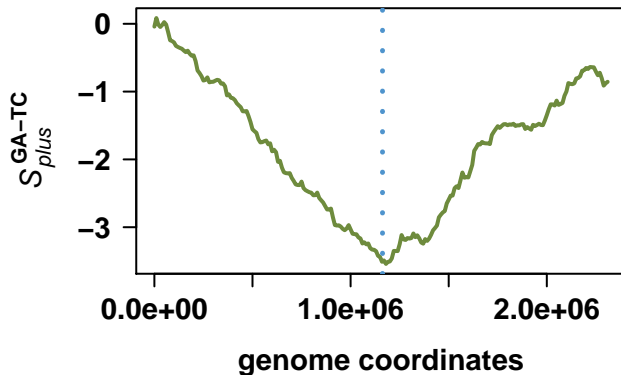
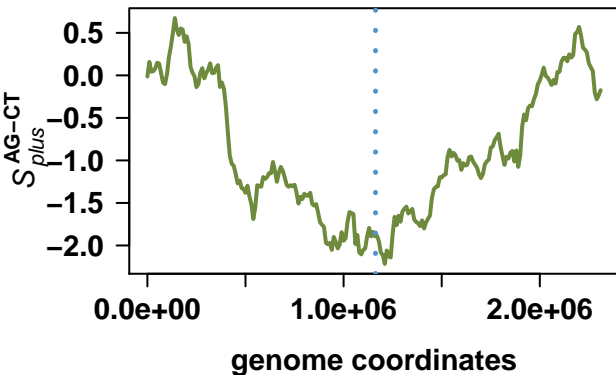
# Chromobacterium violaceum ATCC 12472



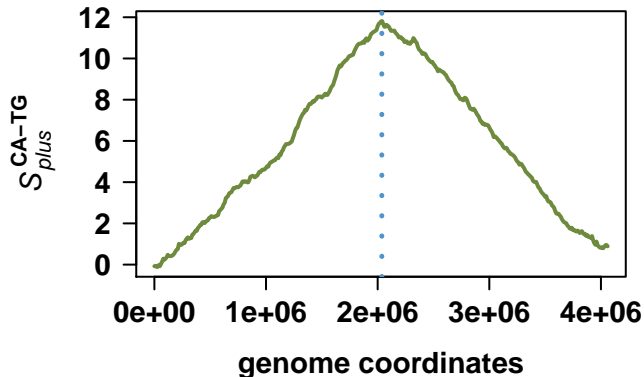
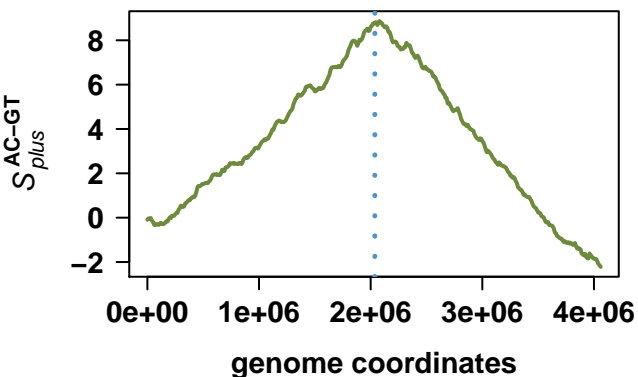
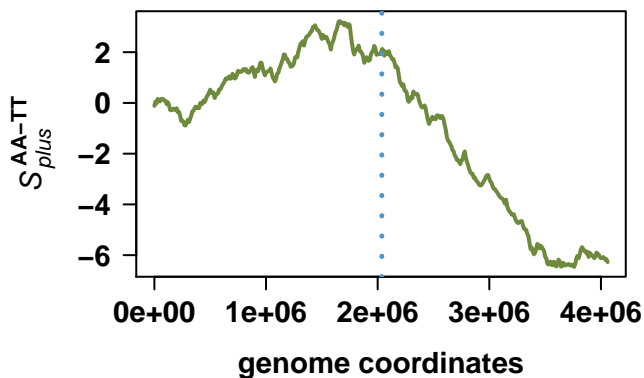
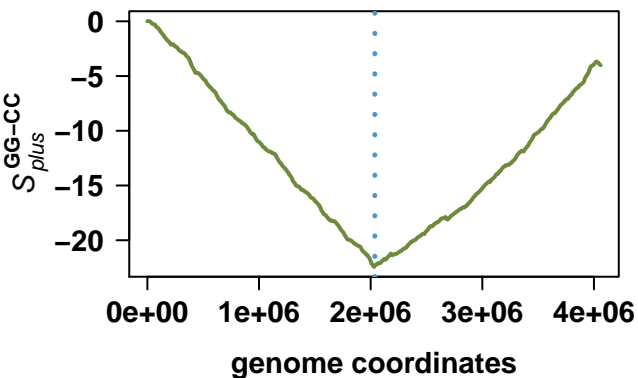
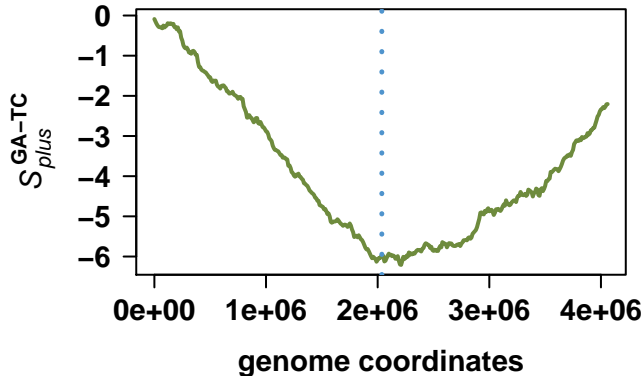
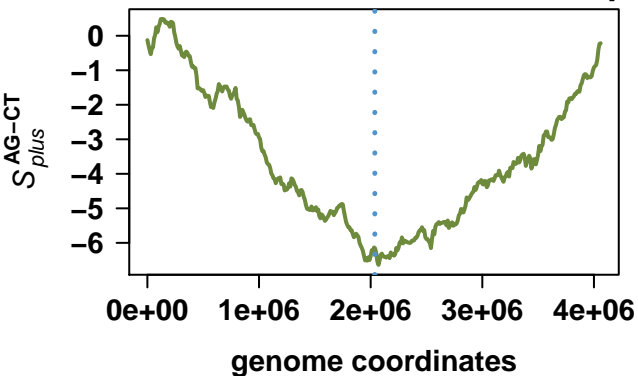
# Burkholderia mallei ATCC 23344



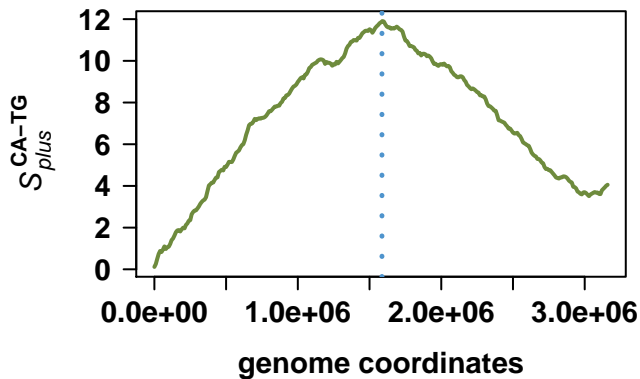
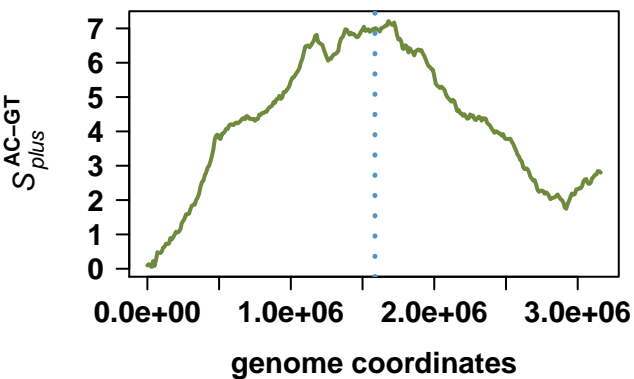
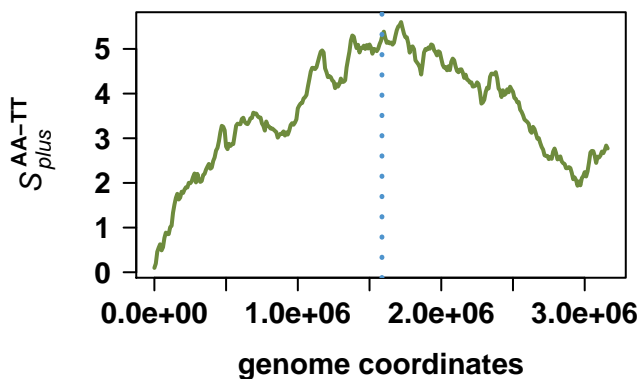
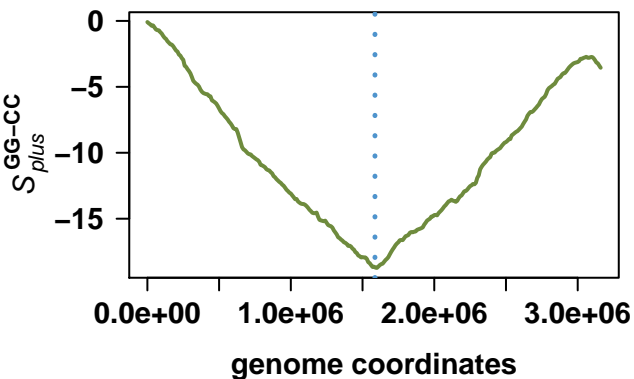
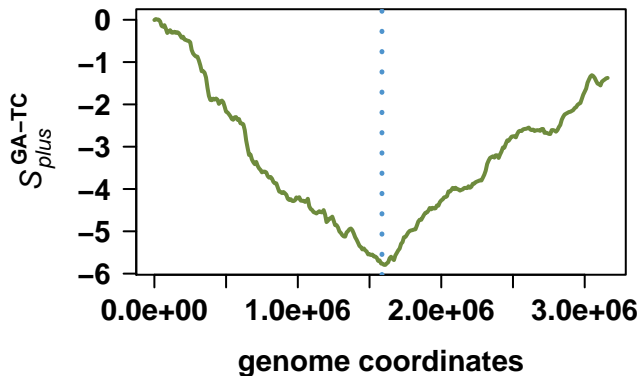
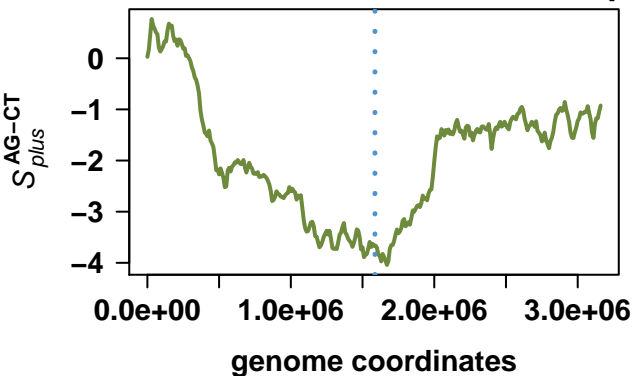
# Burkholderia mallei ATCC 23344



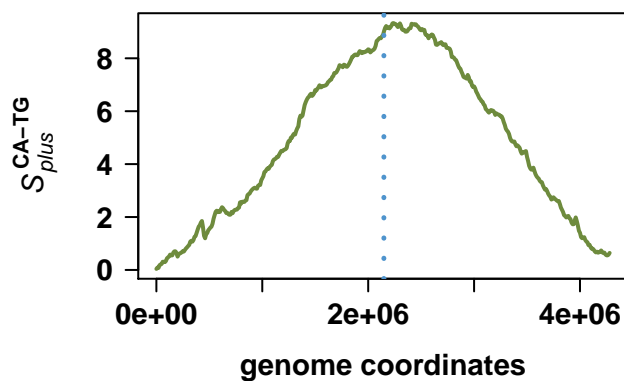
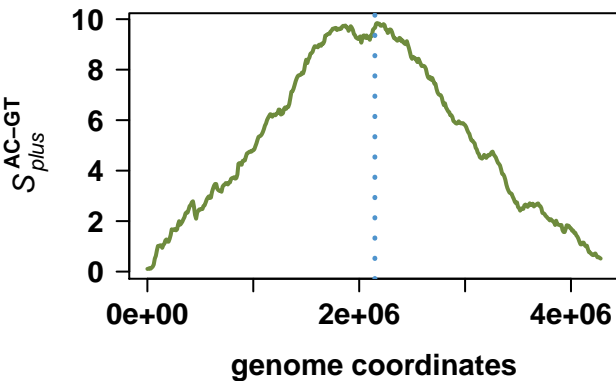
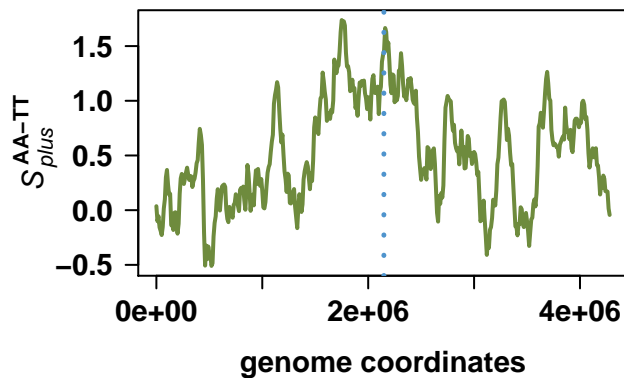
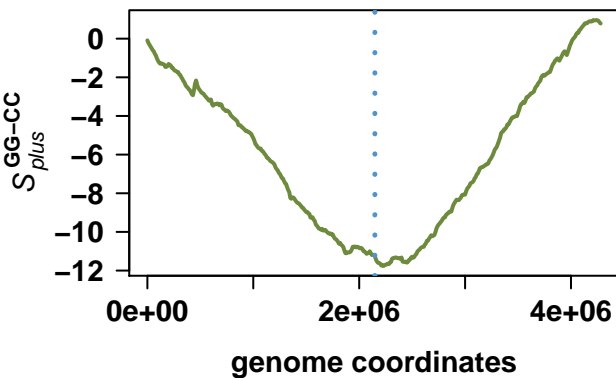
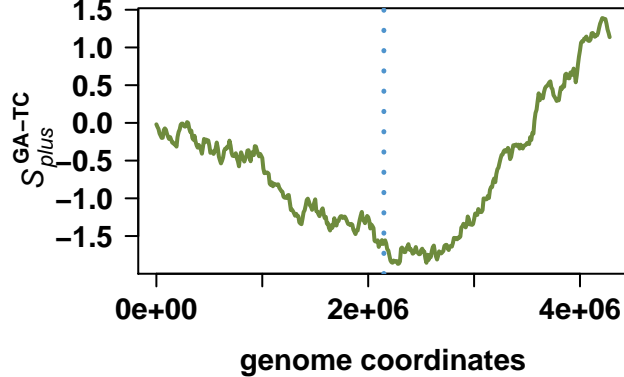
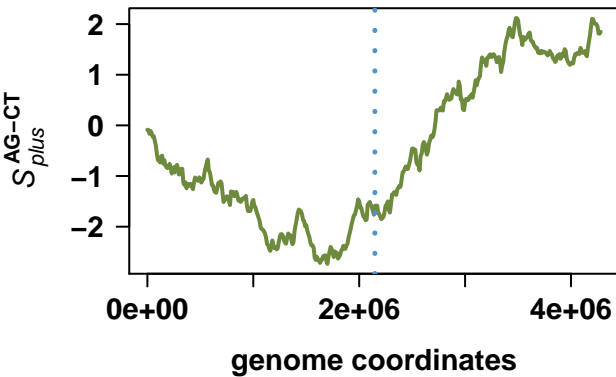
# Burkholderia pseudomallei K96243



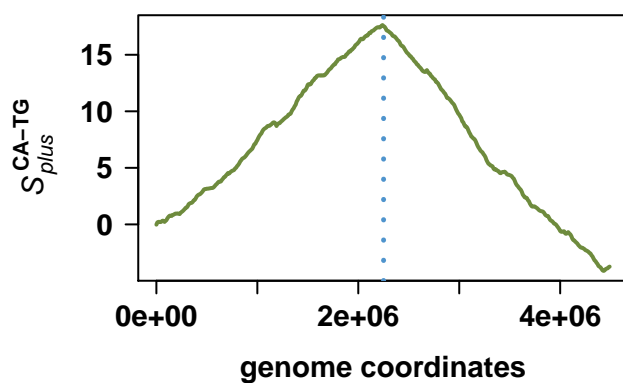
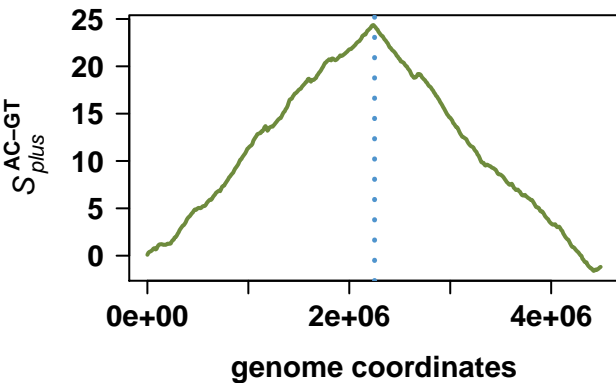
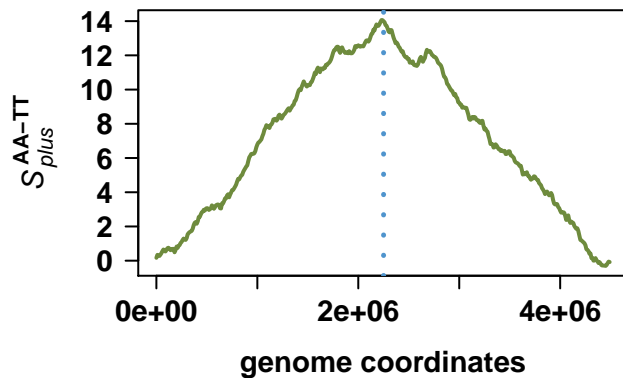
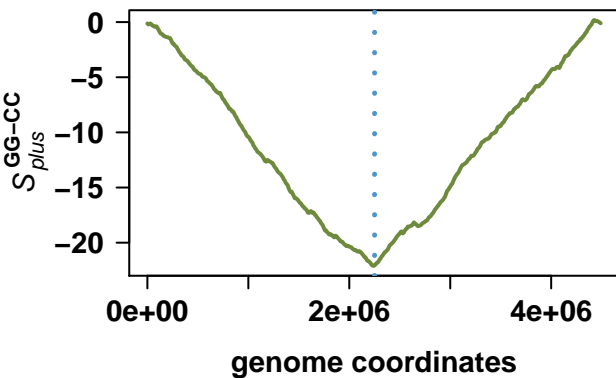
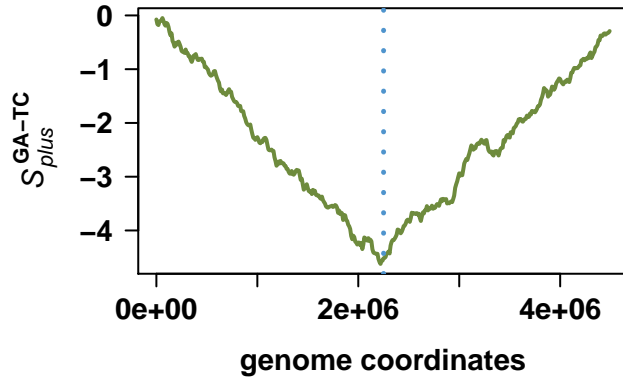
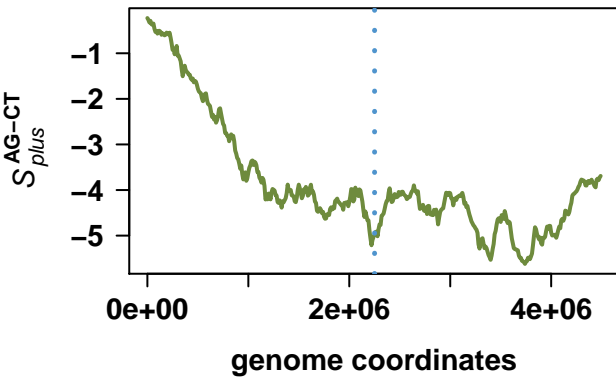
# Burkholderia pseudomallei K96243



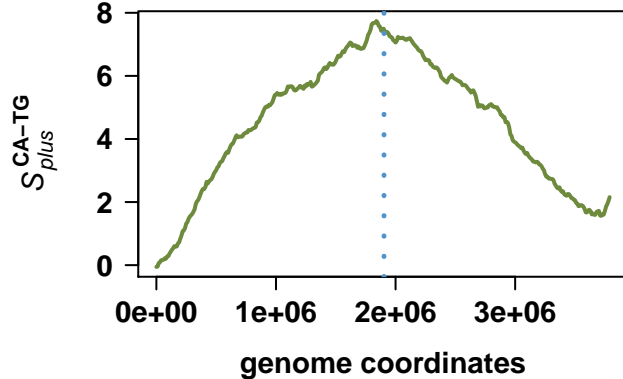
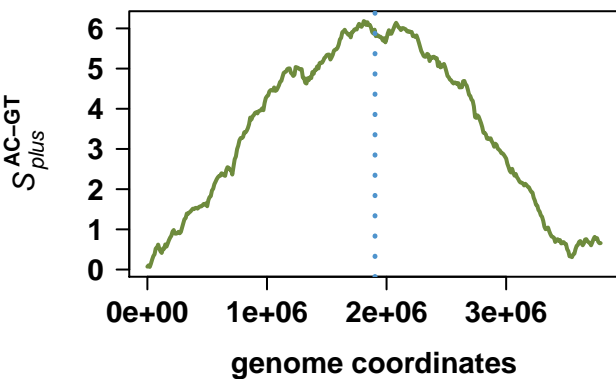
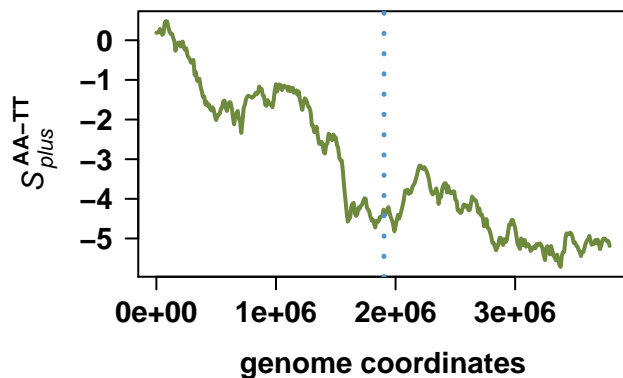
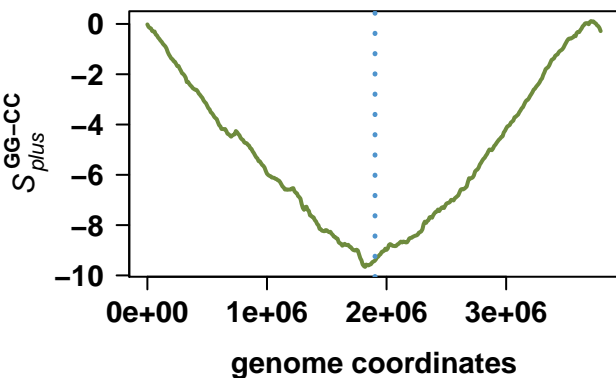
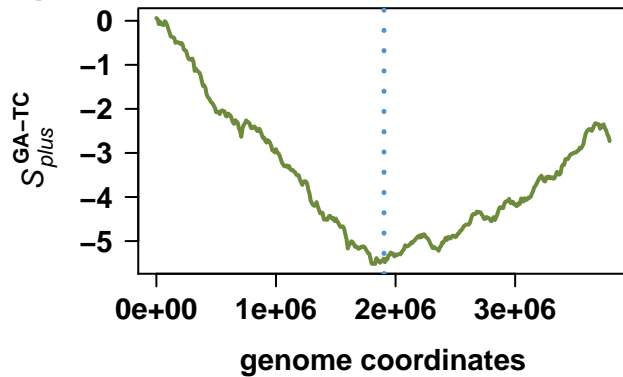
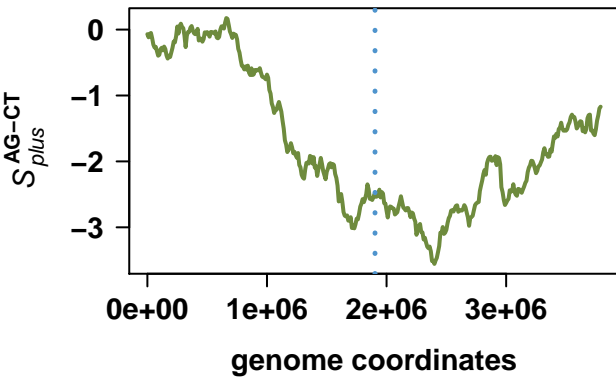
# Aromatoleum aromaticum EbN1



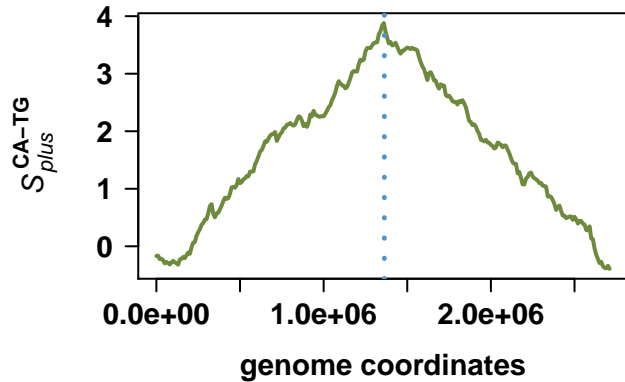
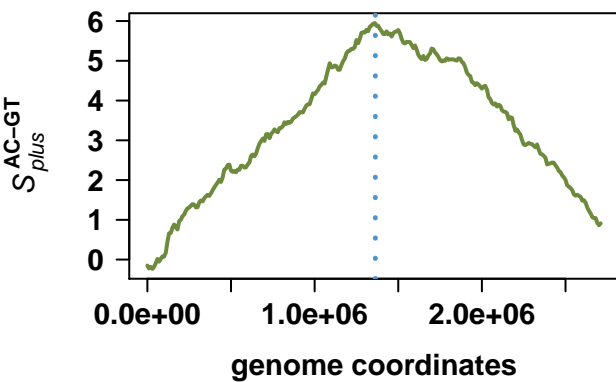
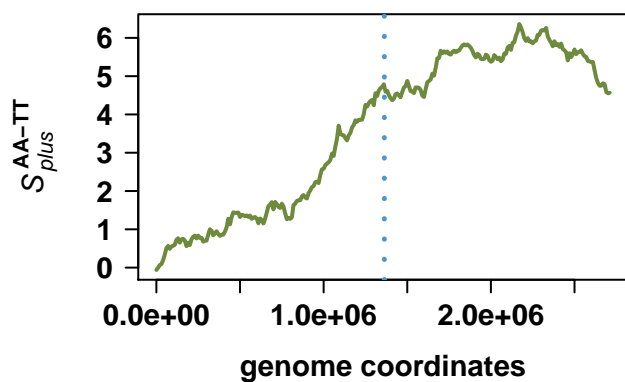
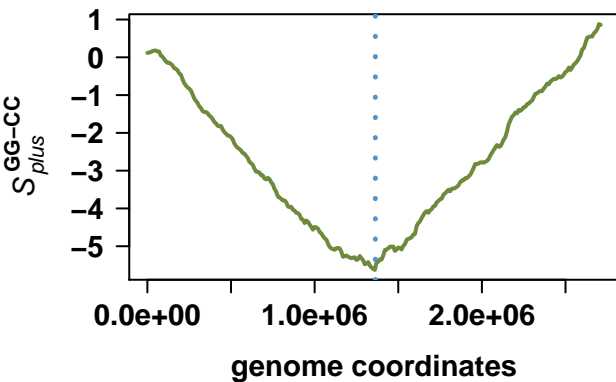
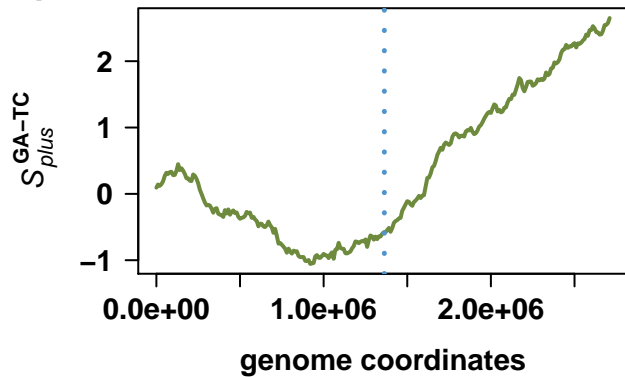
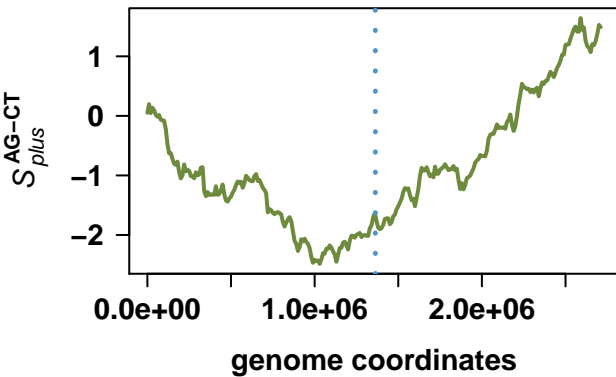
# Dechloromonas aromatica RCB



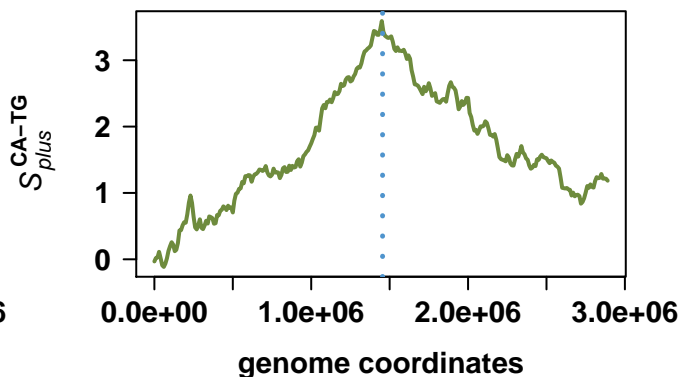
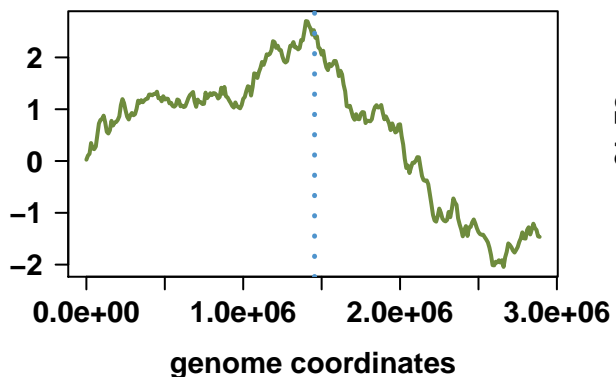
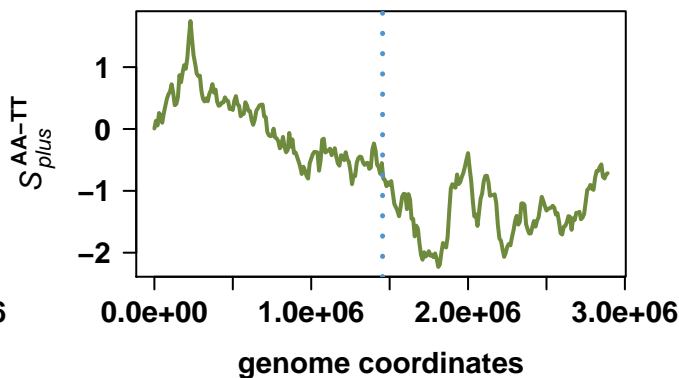
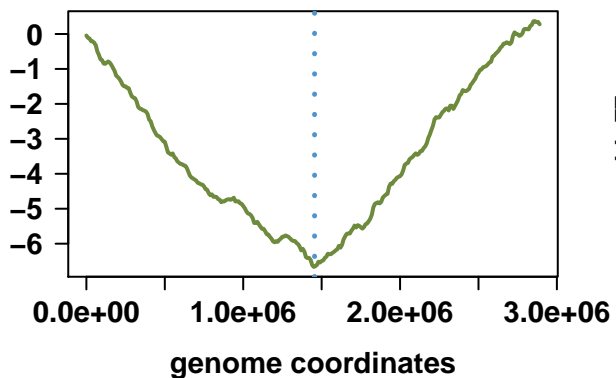
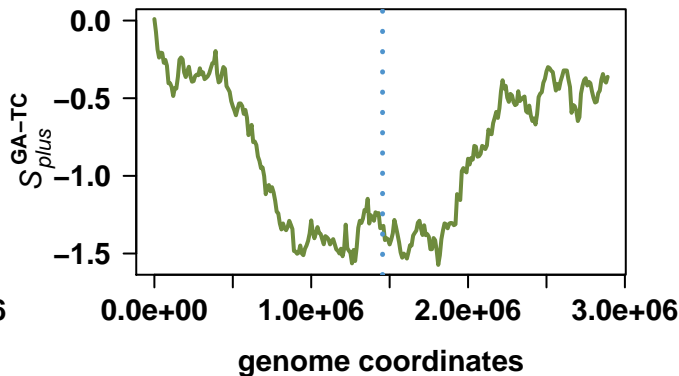
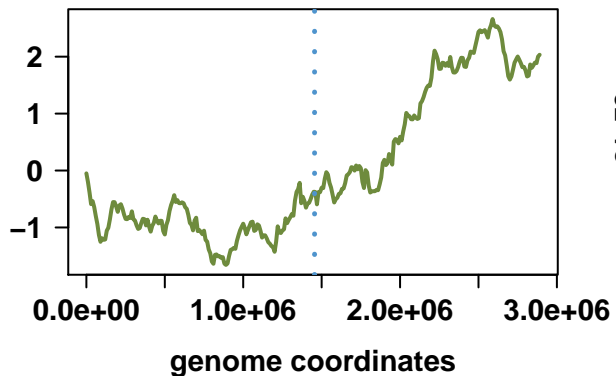
# Ralstonia eutropha JMP134



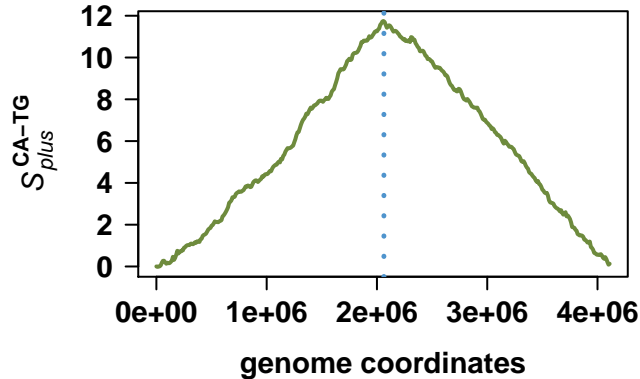
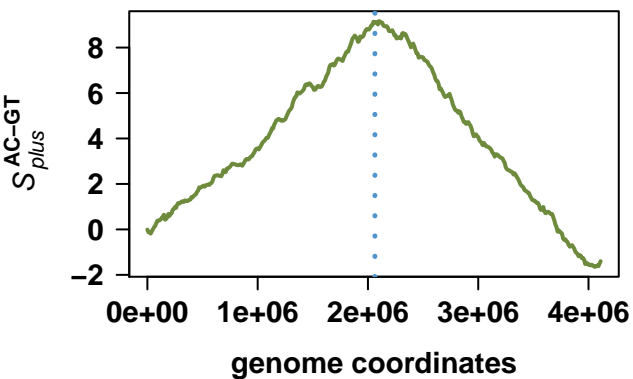
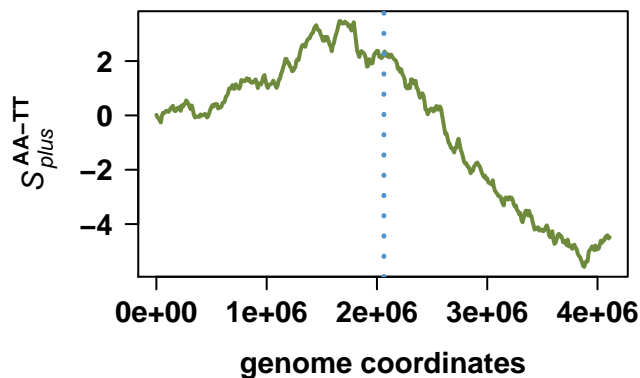
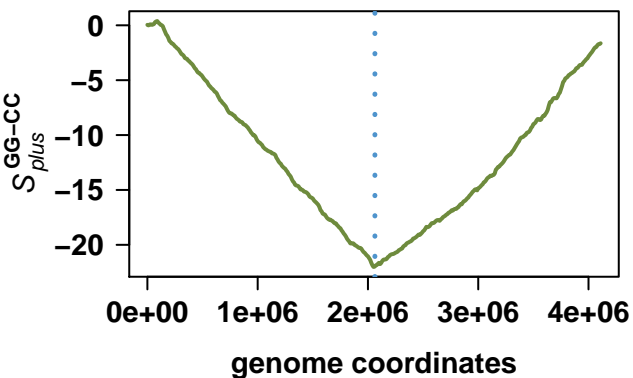
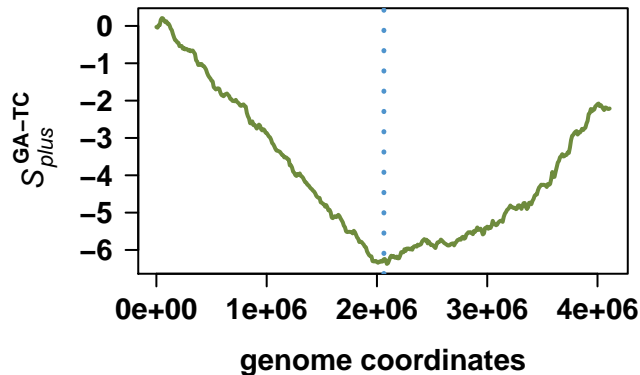
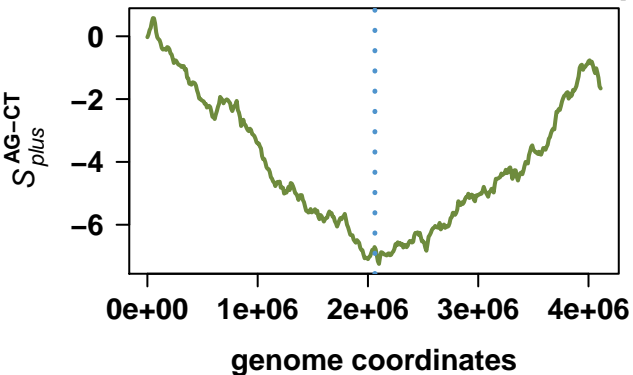
# Ralstonia eutropha JMP134



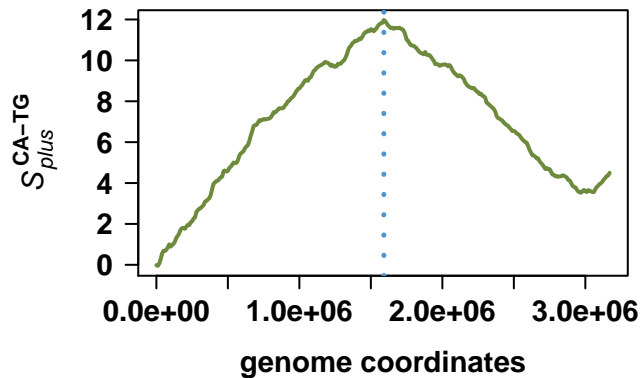
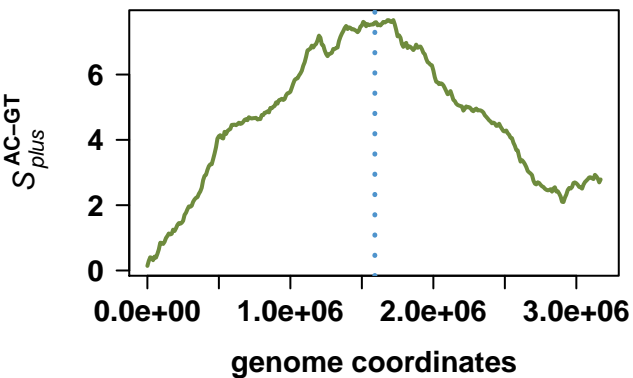
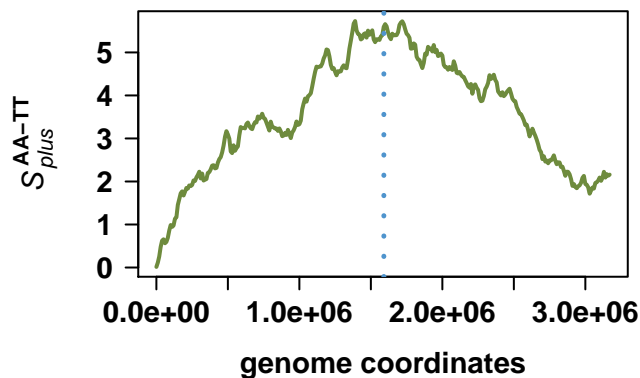
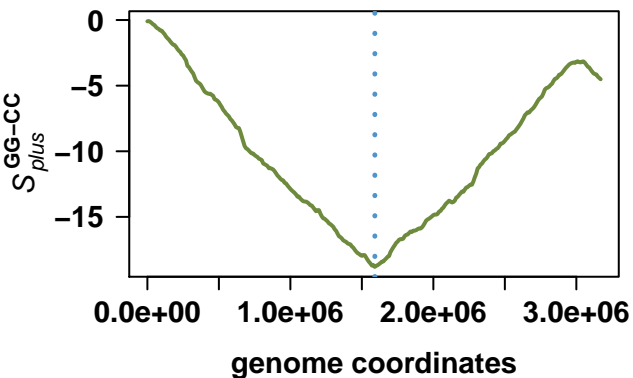
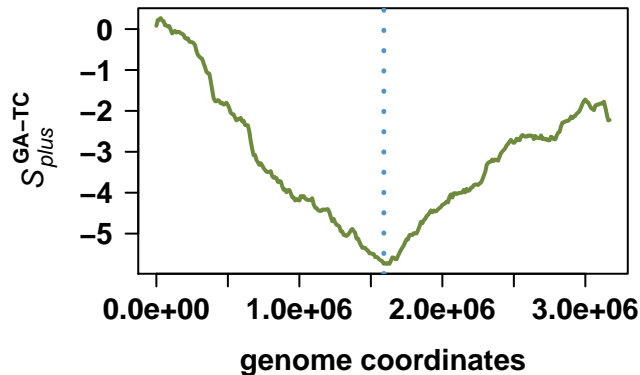
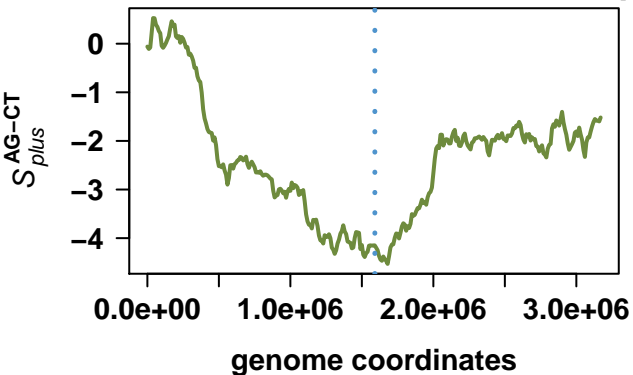
# Thiobacillus denitrificans ATCC 25259



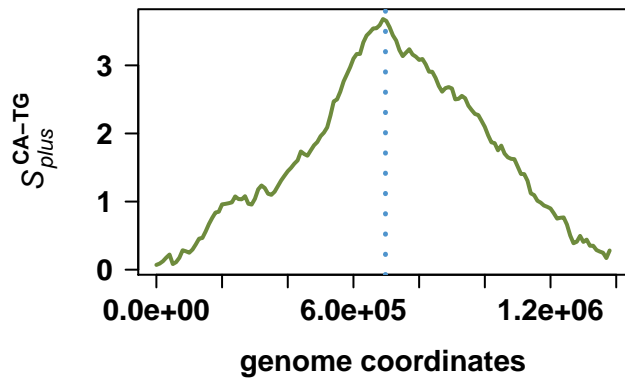
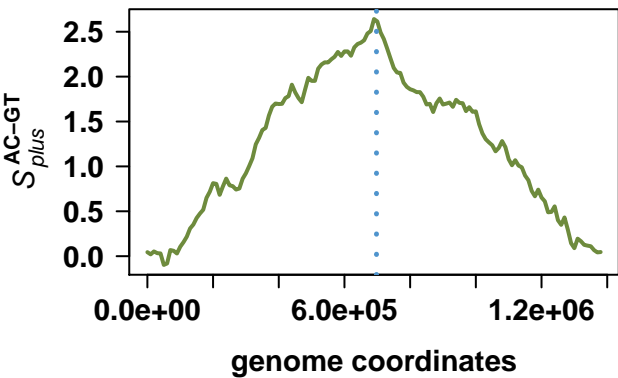
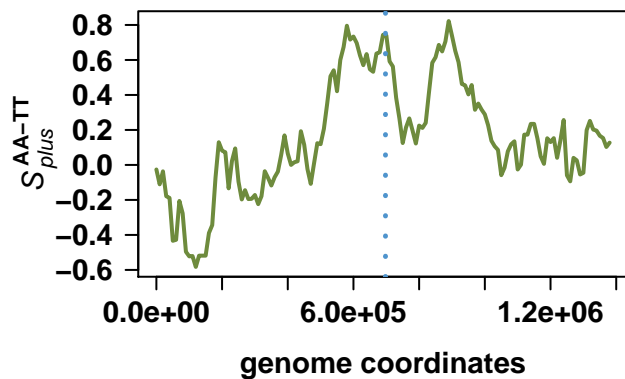
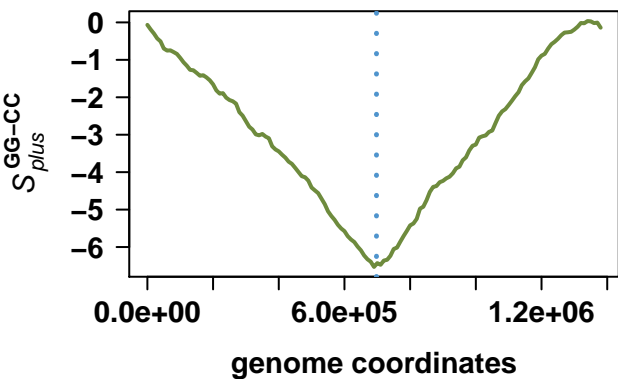
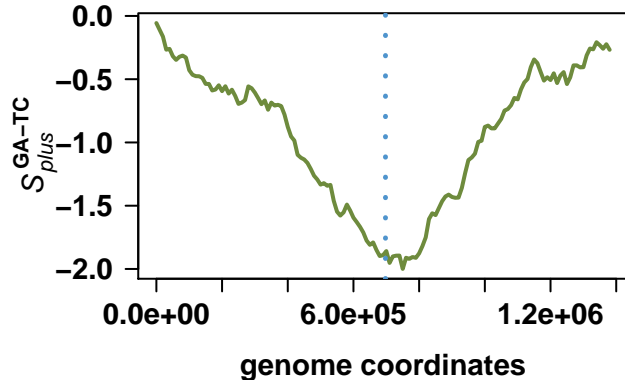
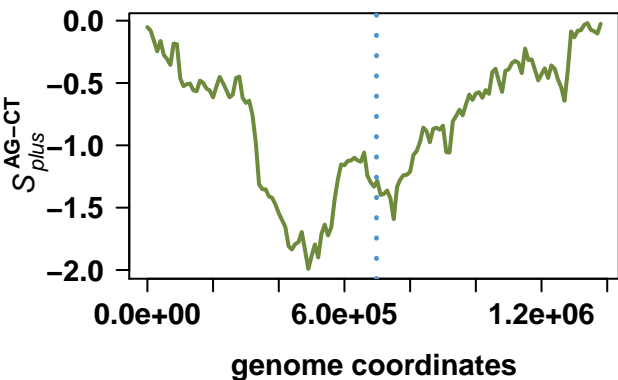
# Burkholderia pseudomallei 1710b



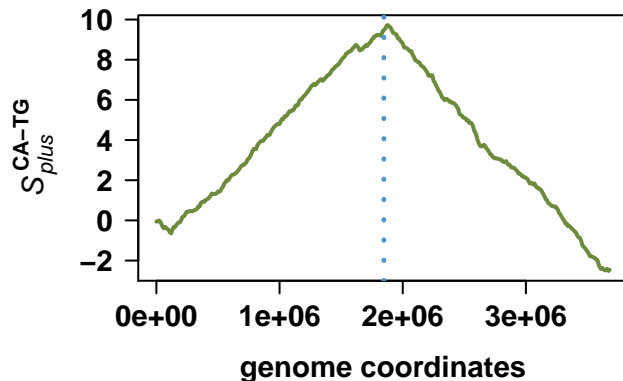
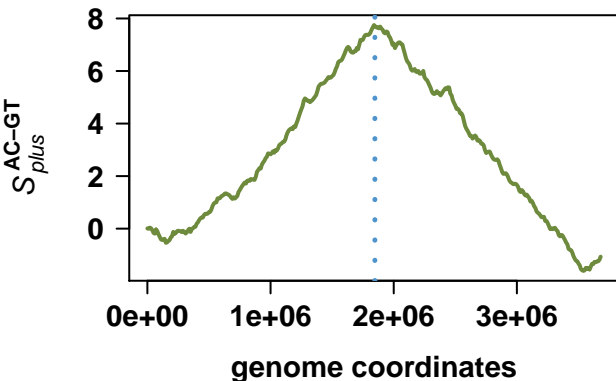
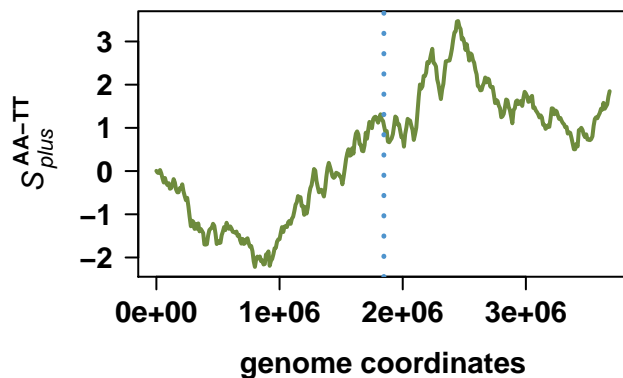
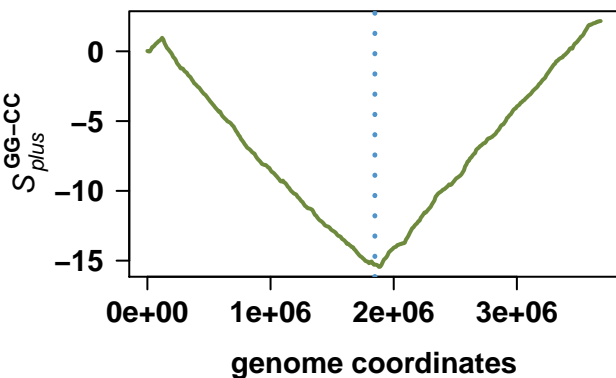
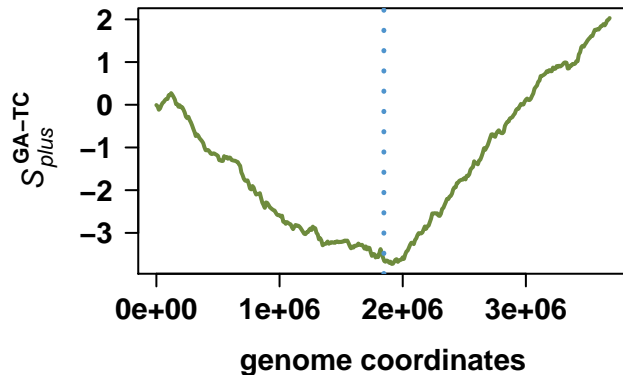
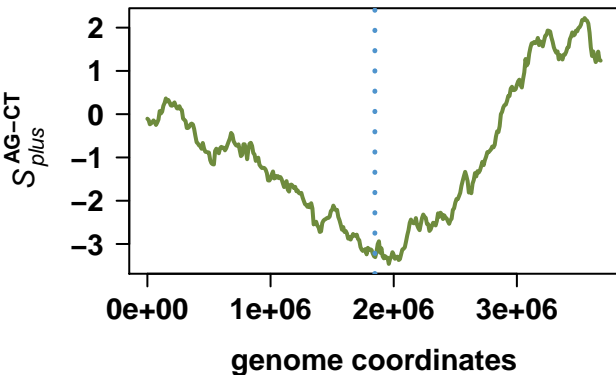
# Burkholderia pseudomallei 1710b



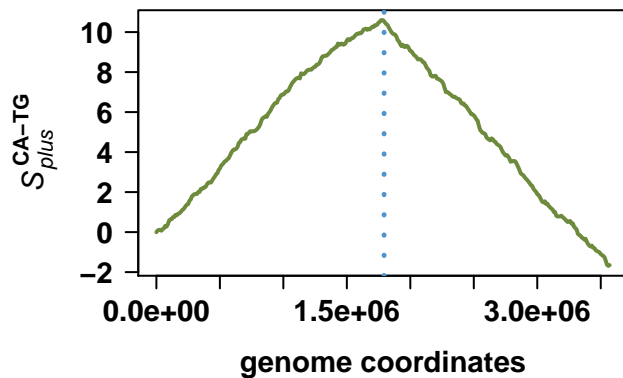
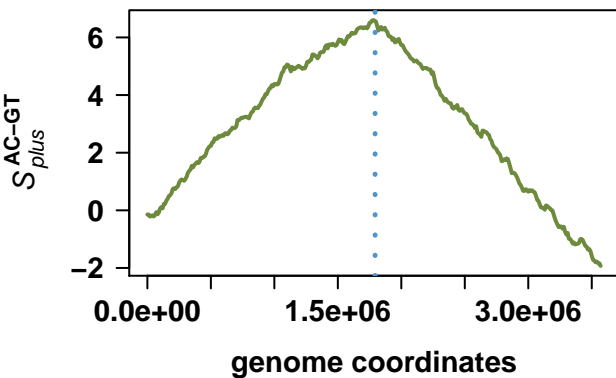
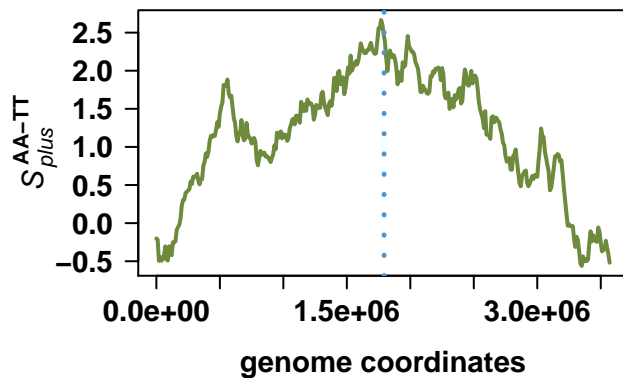
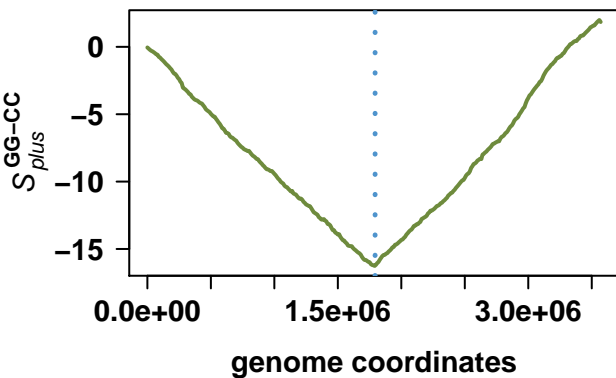
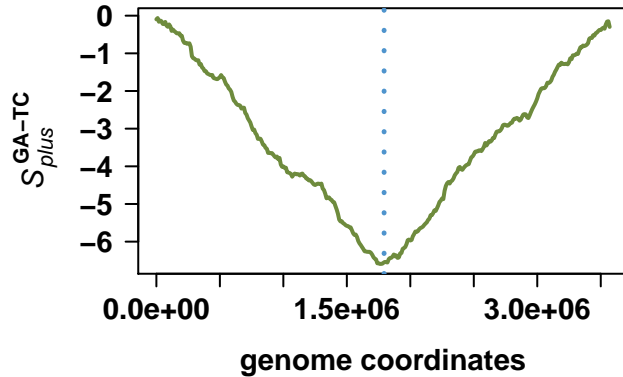
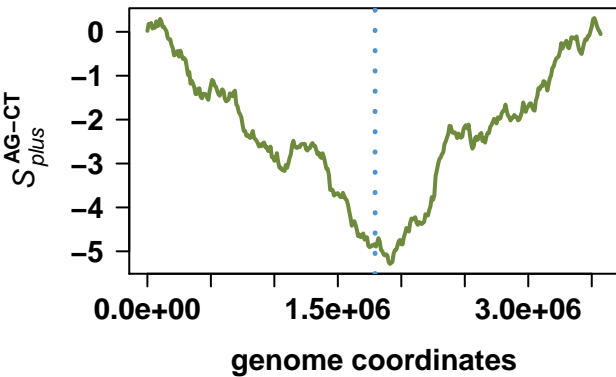
# Burkholderia lata



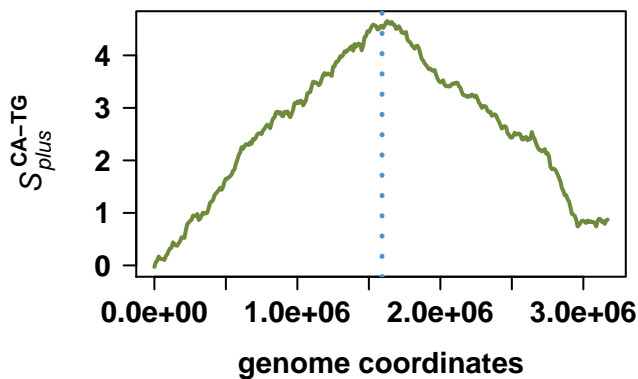
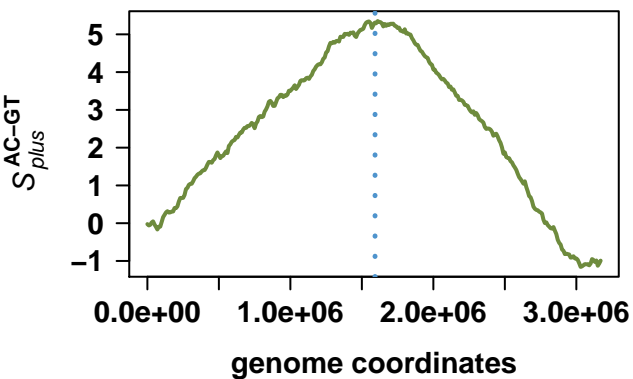
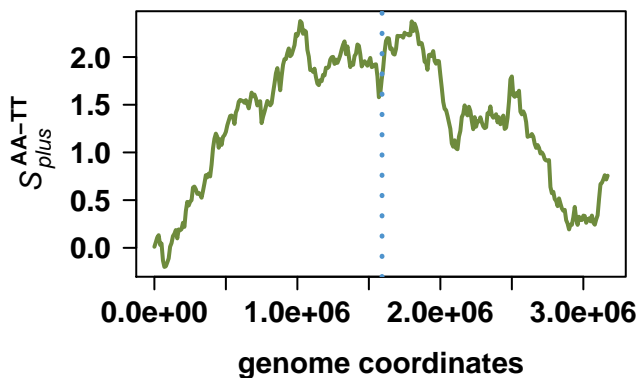
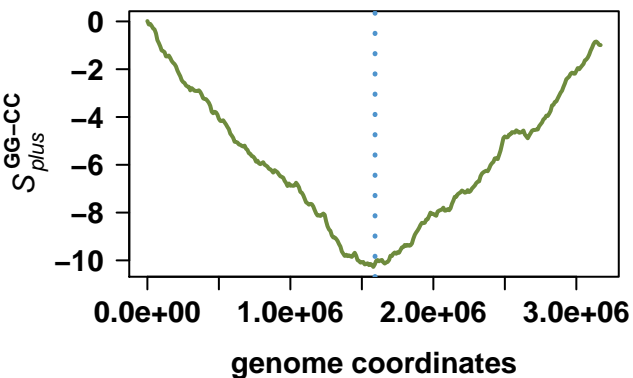
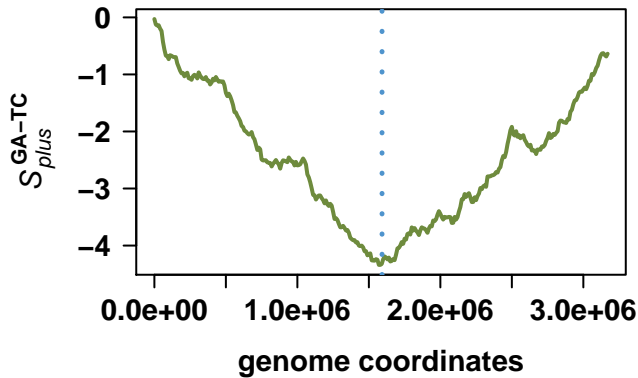
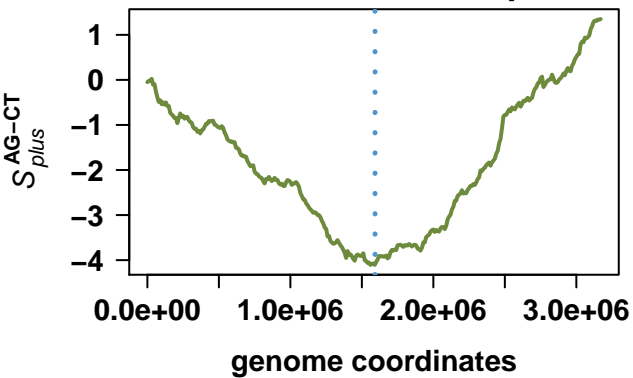
# Burkholderia lata



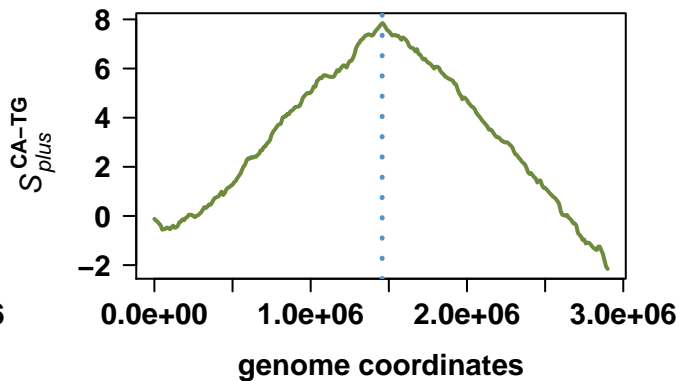
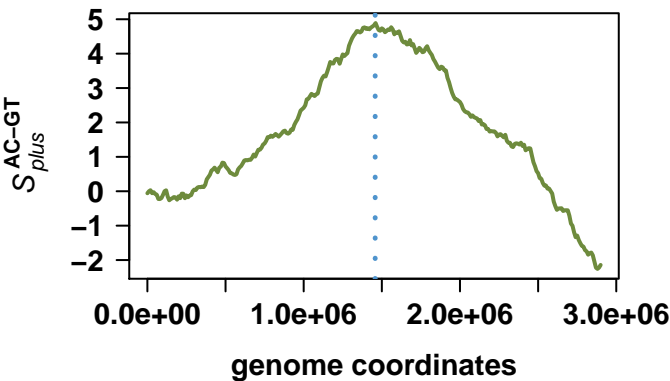
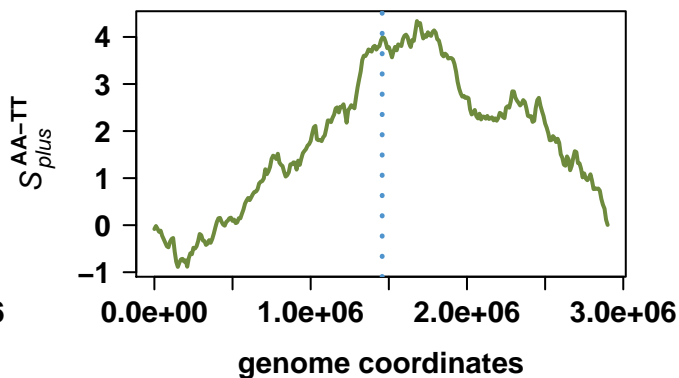
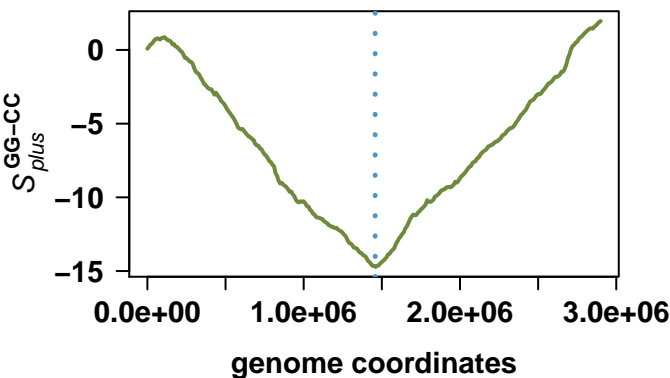
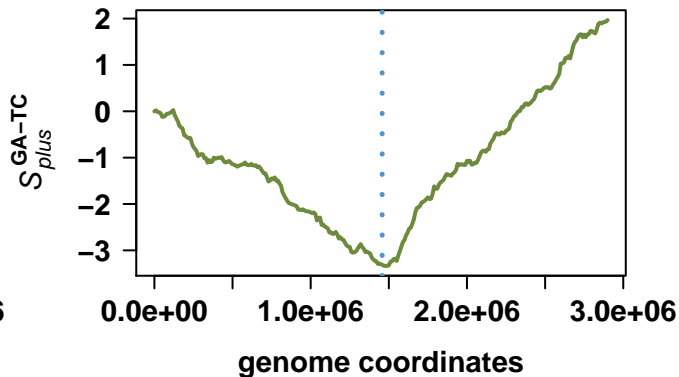
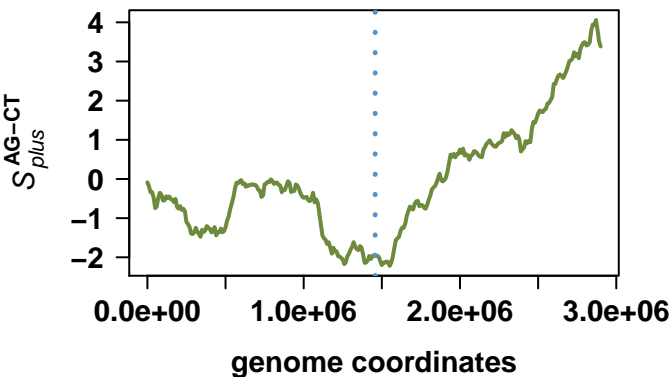
# Burkholderia lata



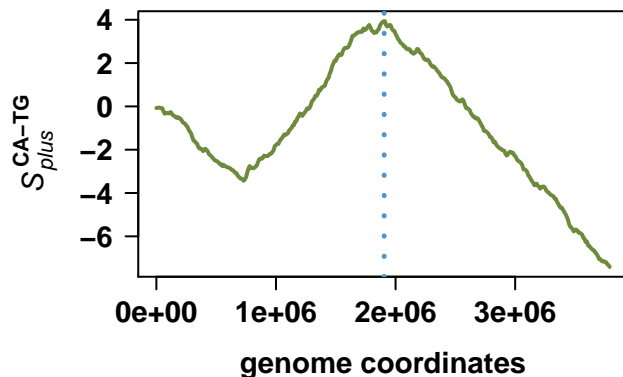
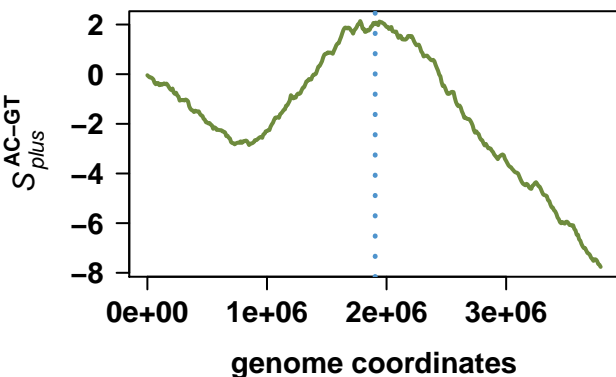
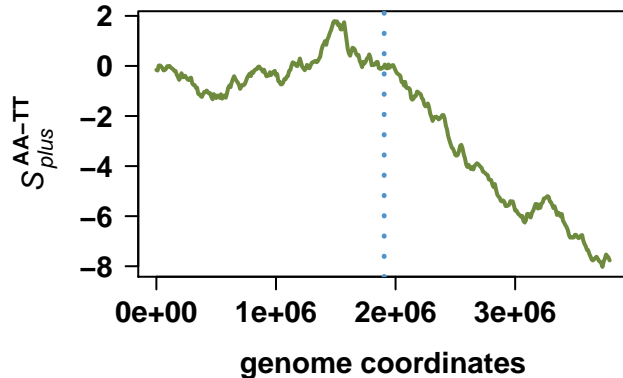
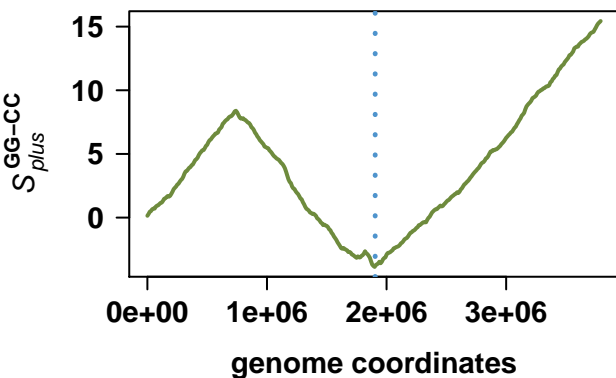
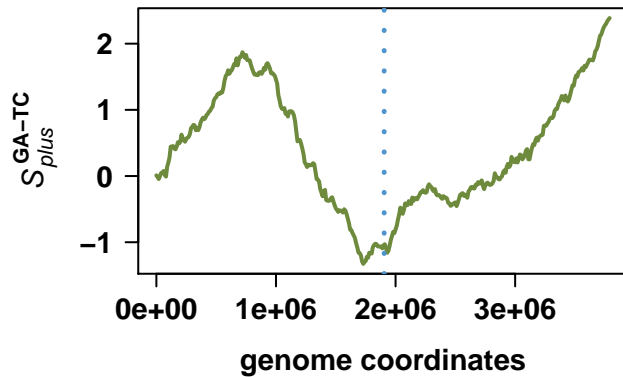
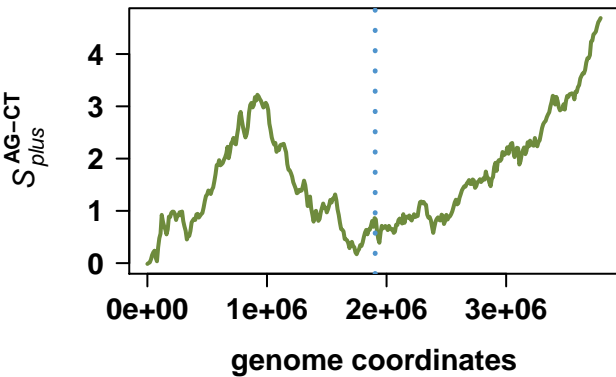
# Nitrosospira multififormis ATCC 25196



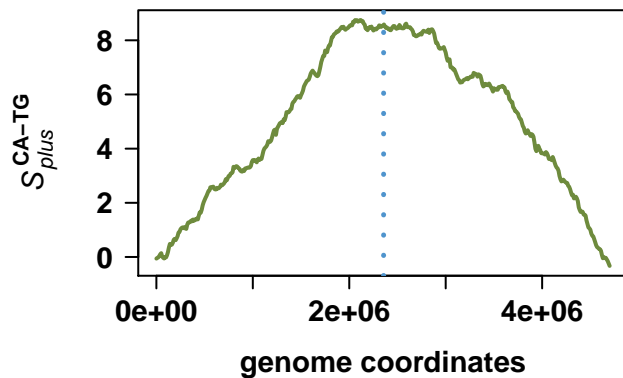
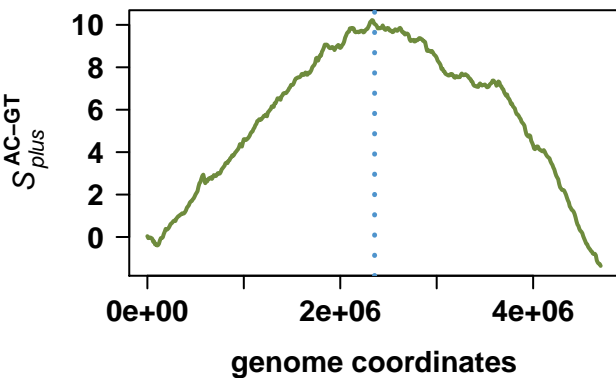
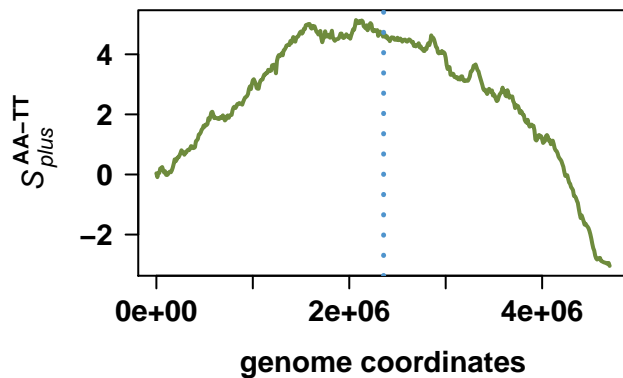
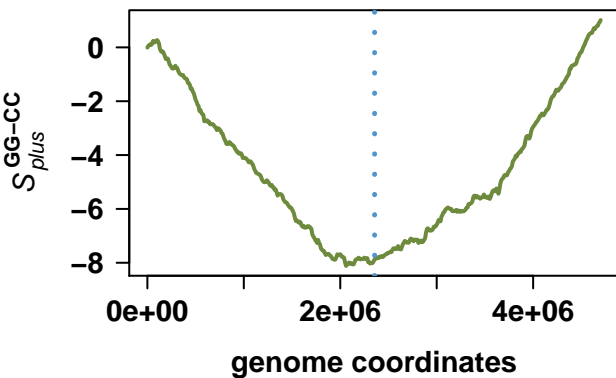
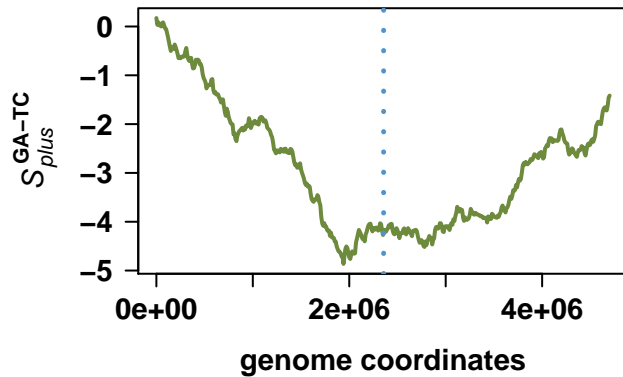
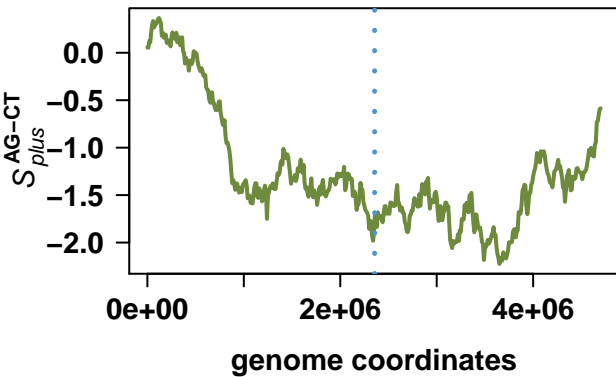
# Burkholderia thailandensis E264



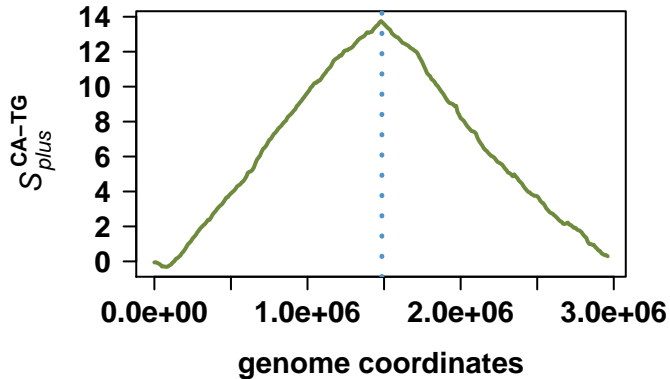
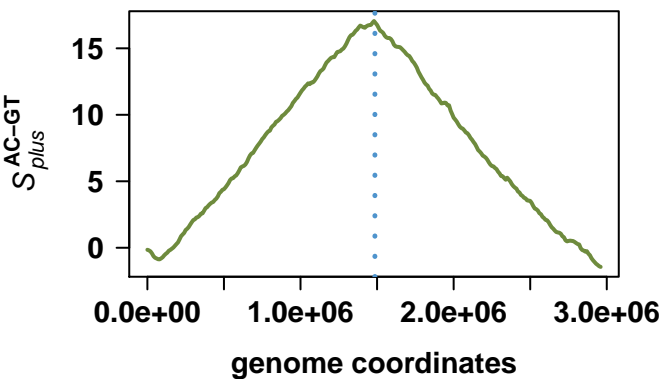
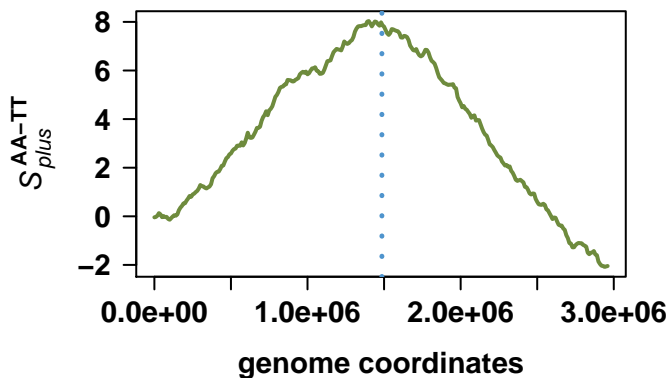
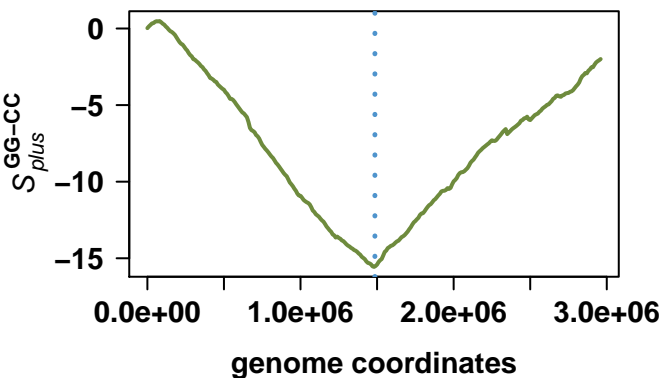
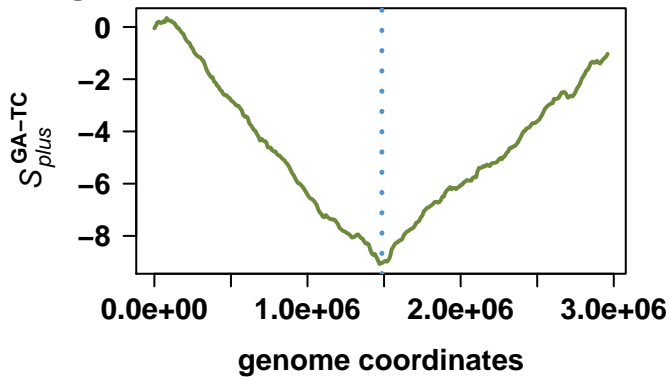
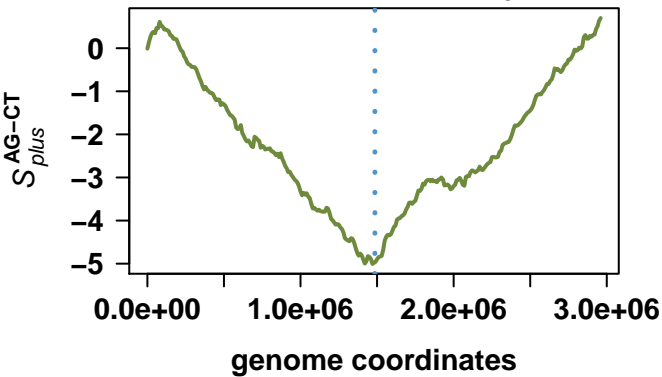
# Burkholderia thailandensis E264



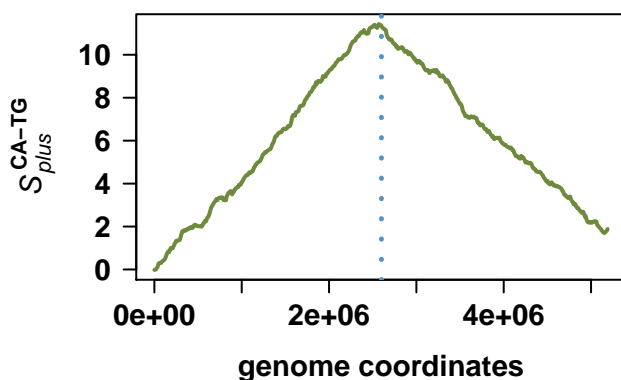
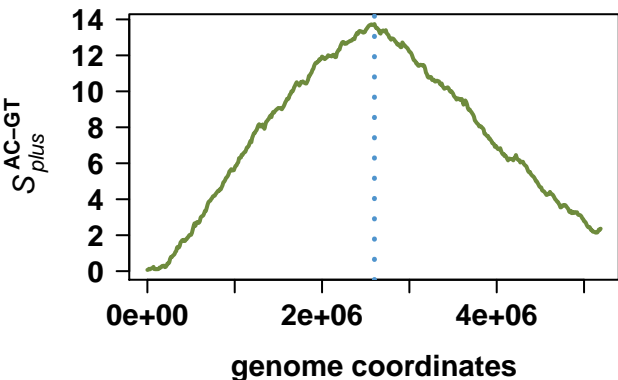
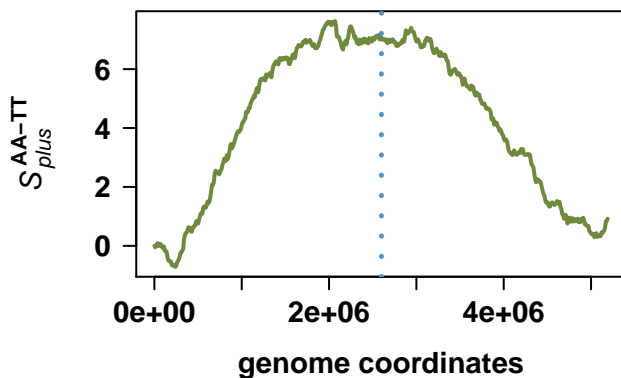
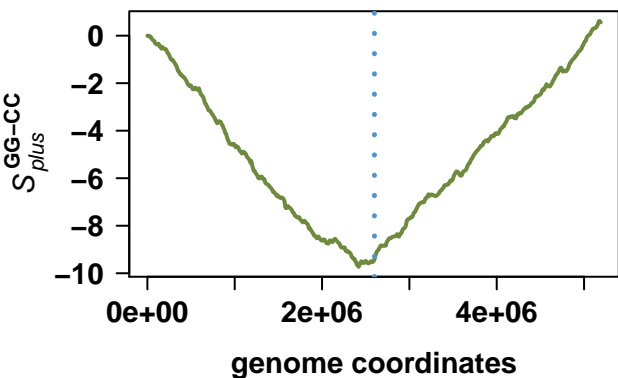
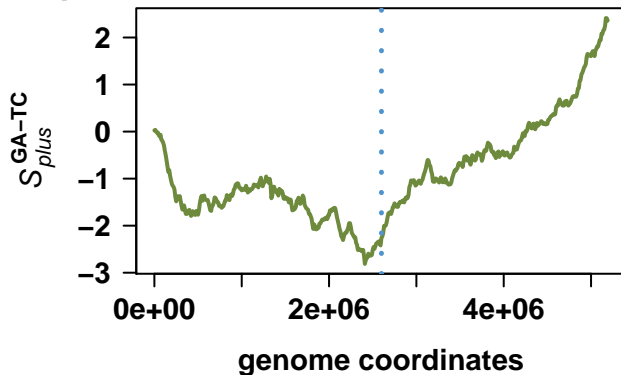
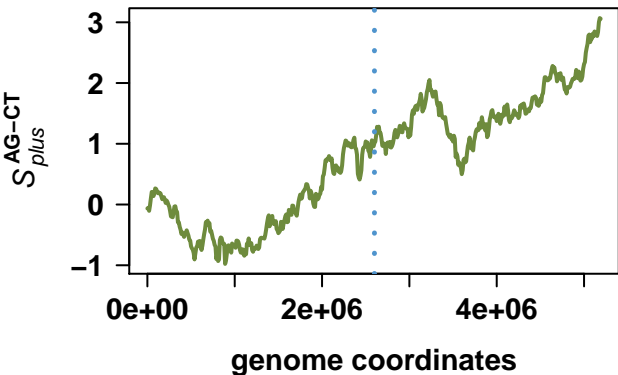
# Albidiferax ferrireducens T118



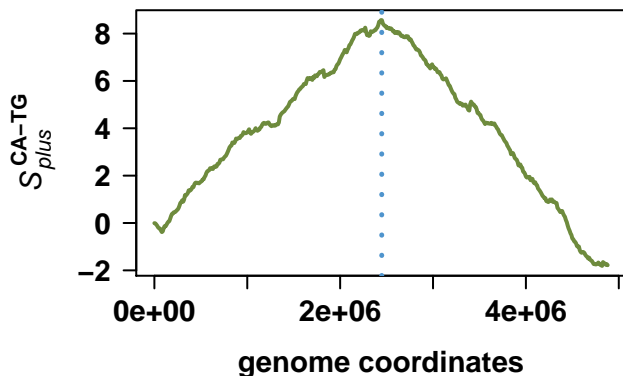
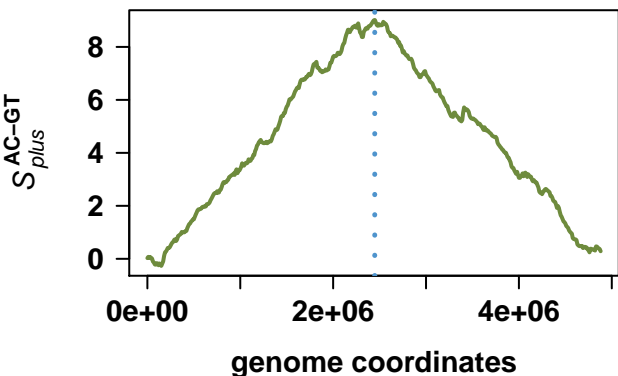
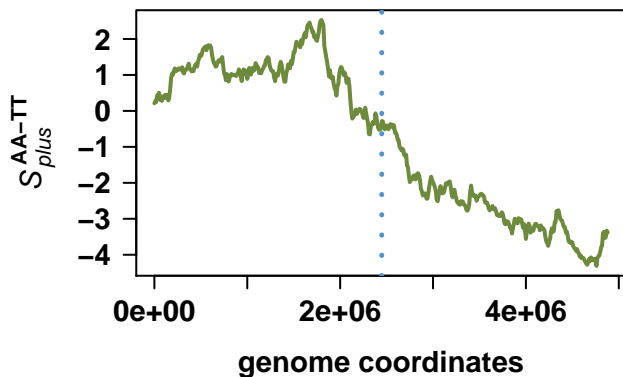
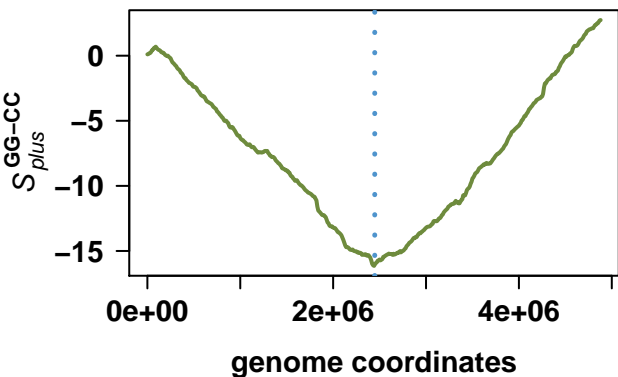
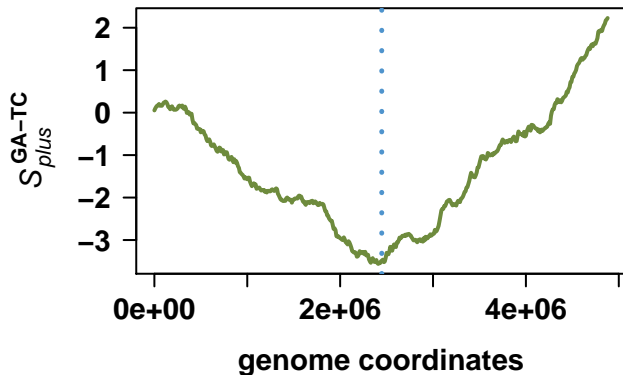
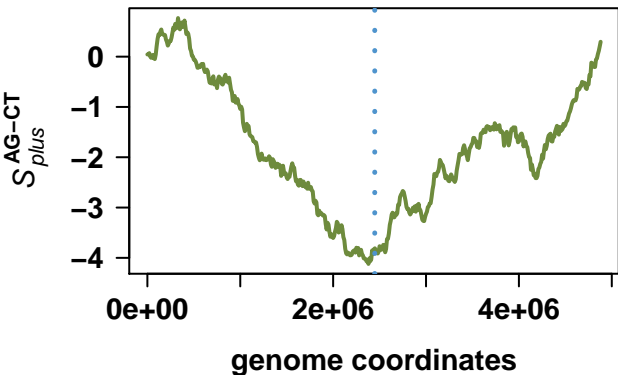
# Methylobacillus flagellatus KT



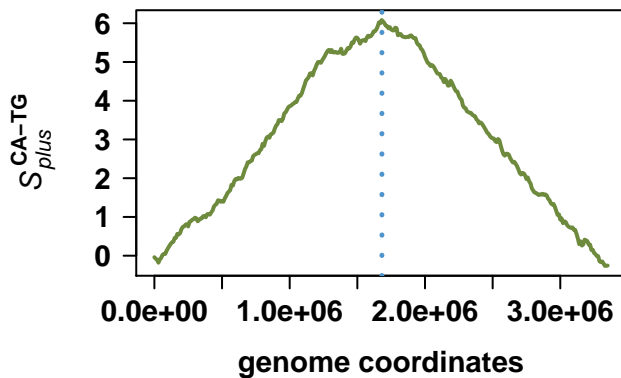
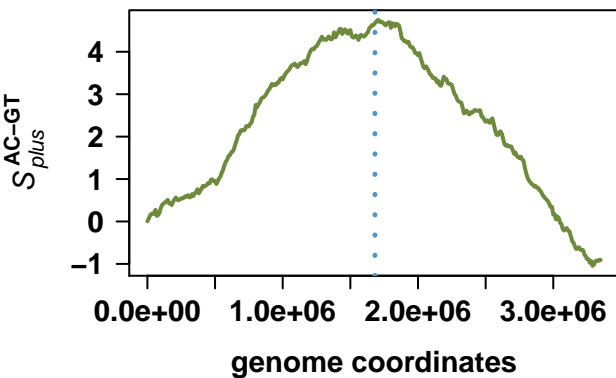
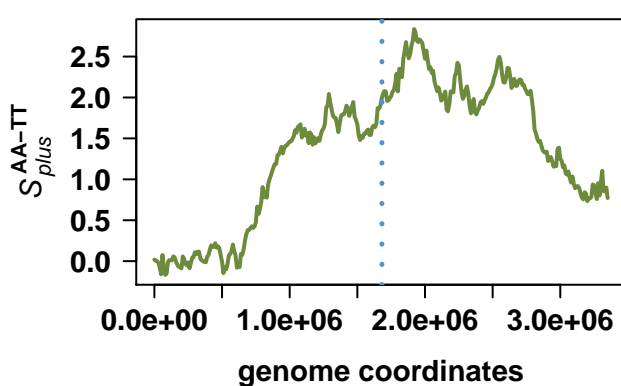
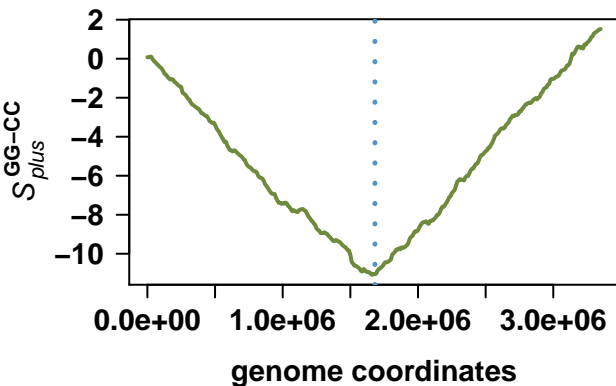
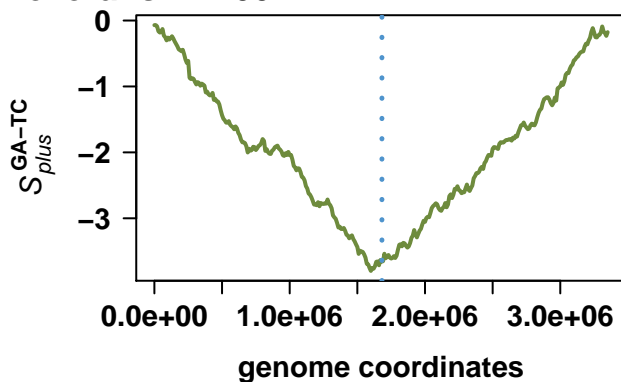
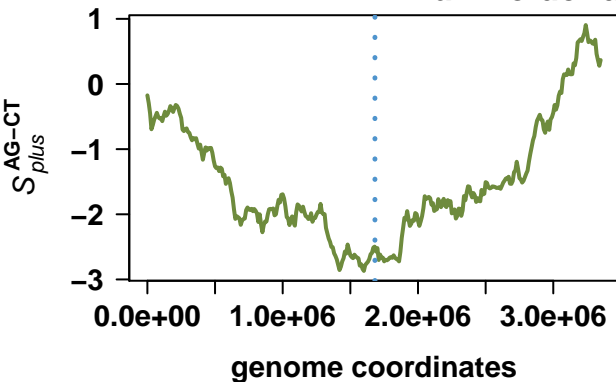
# Polaromonas sp. JS666



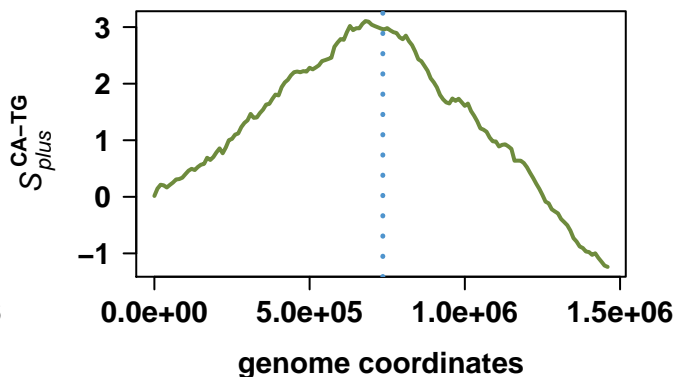
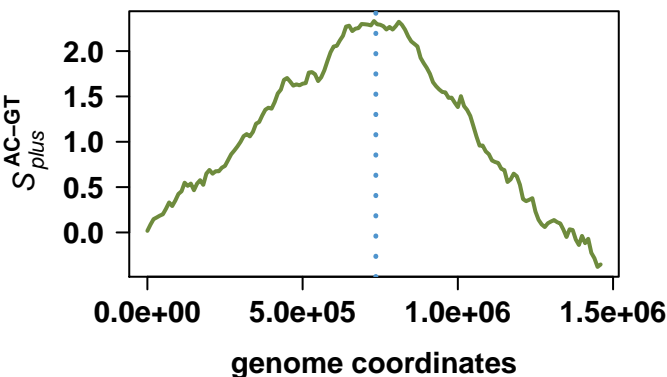
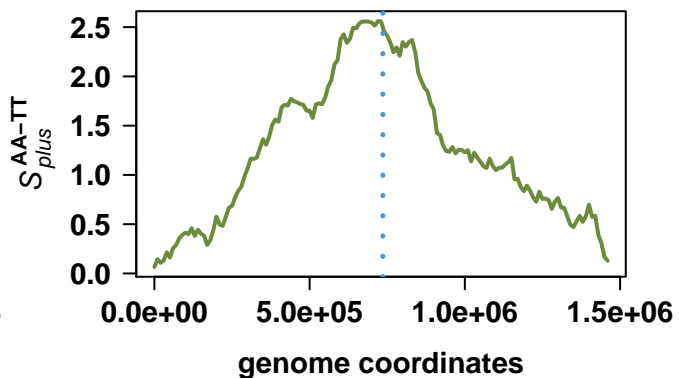
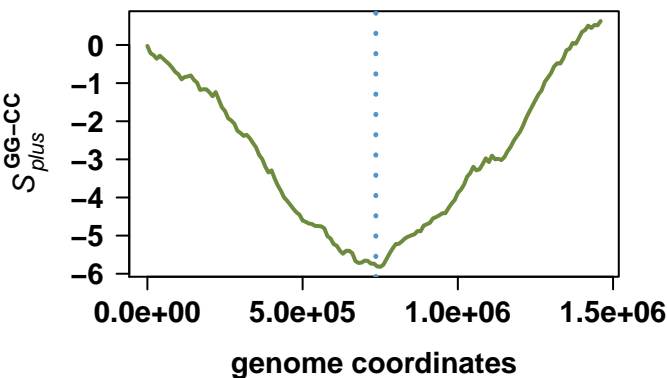
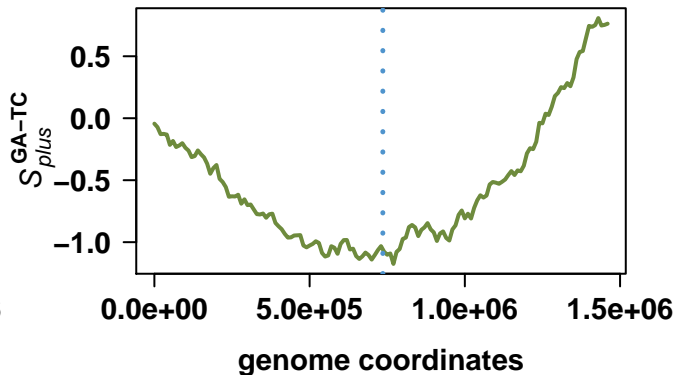
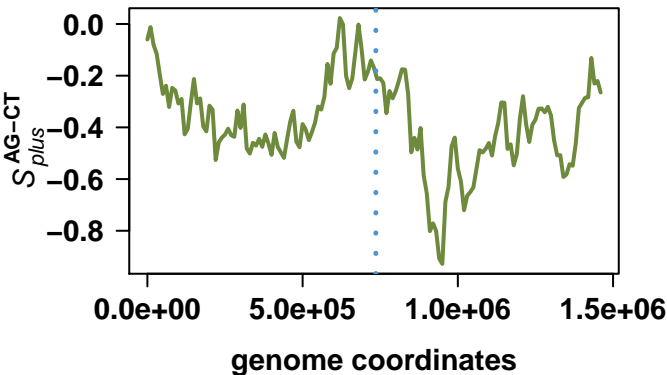
# Burkholderia xenovorans LB400



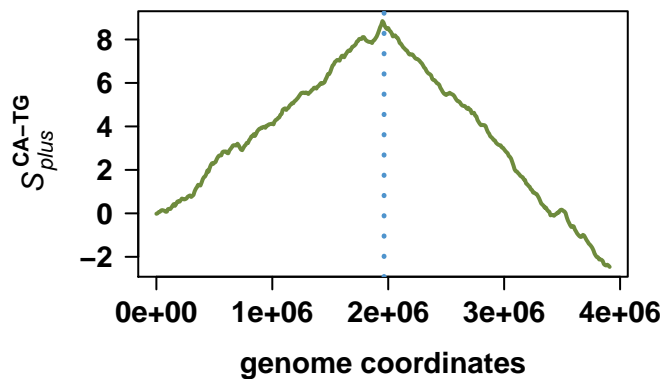
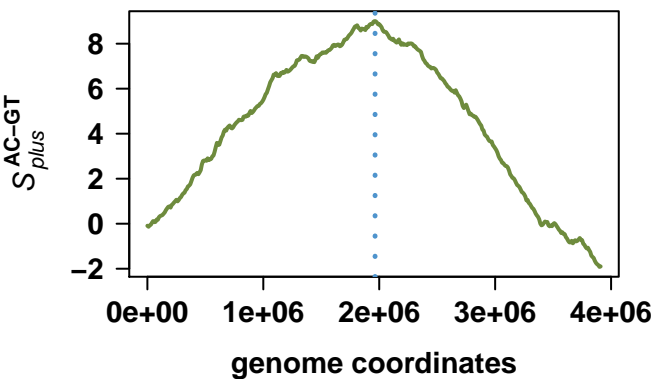
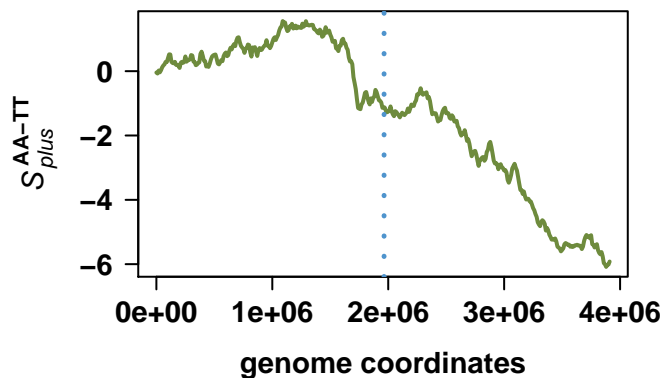
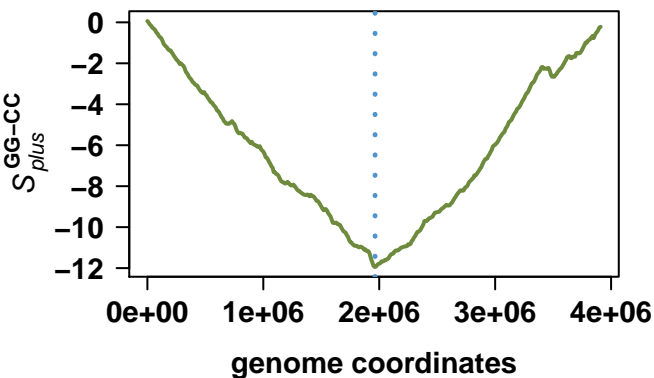
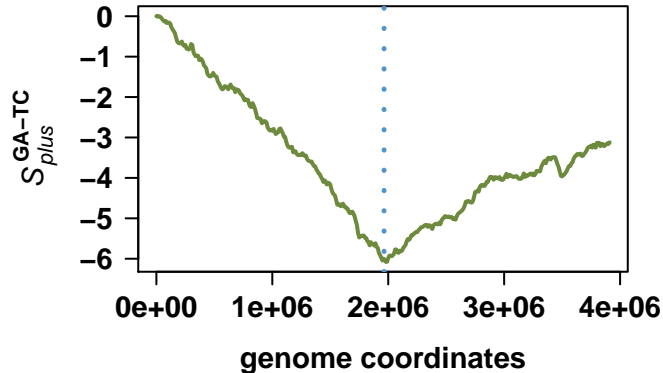
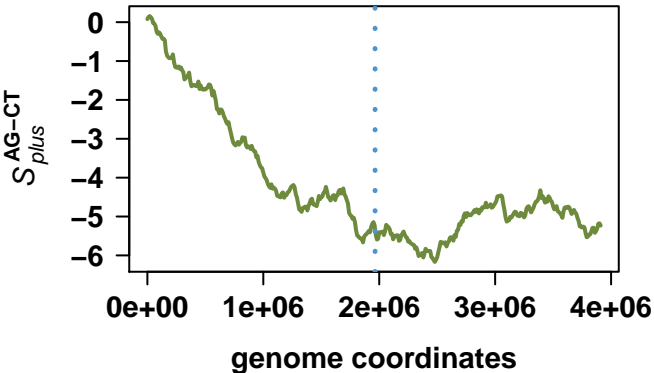
# Burkholderia xenovorans LB400



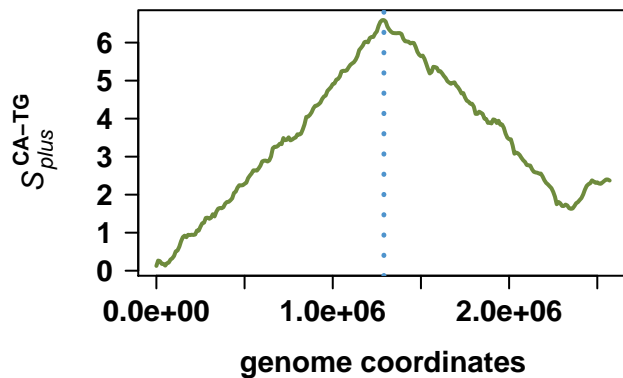
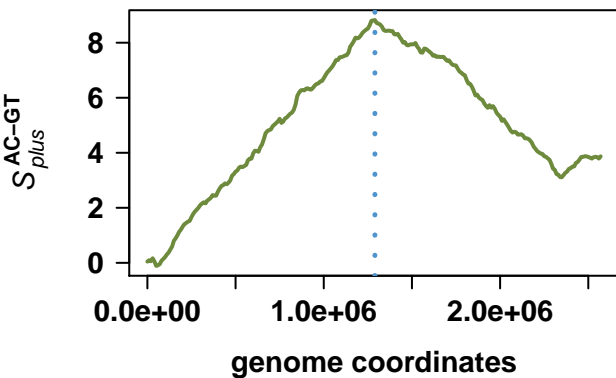
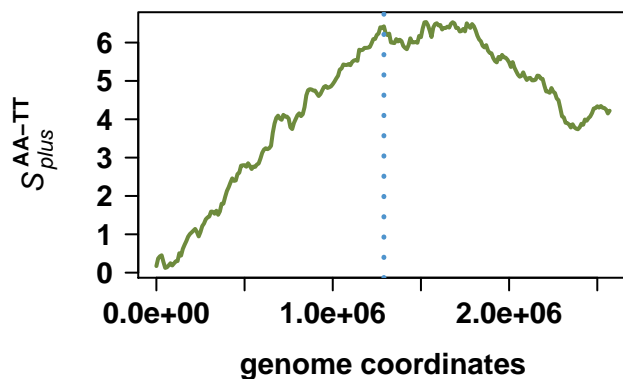
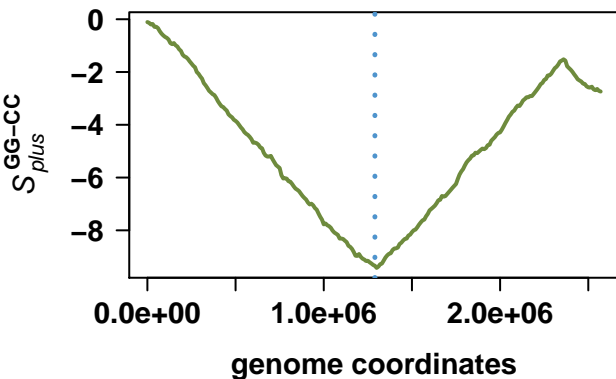
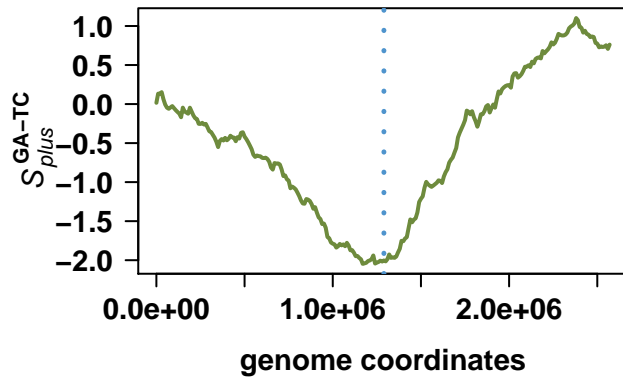
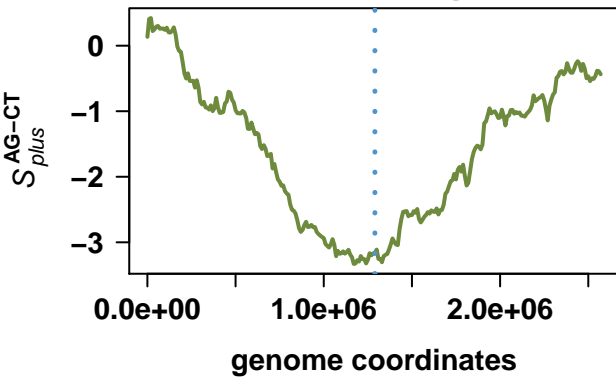
# Burkholderia xenovorans LB400



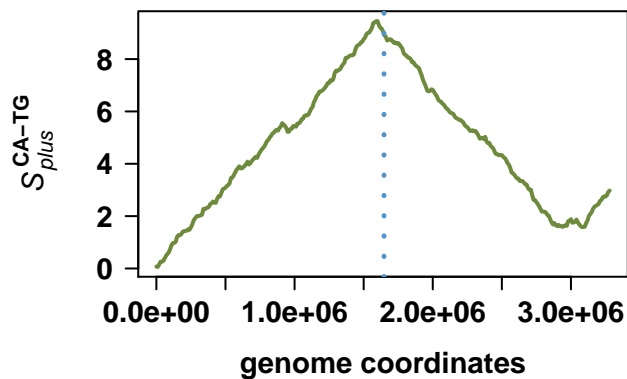
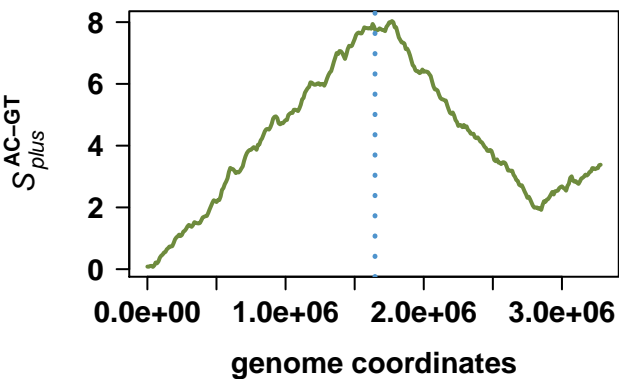
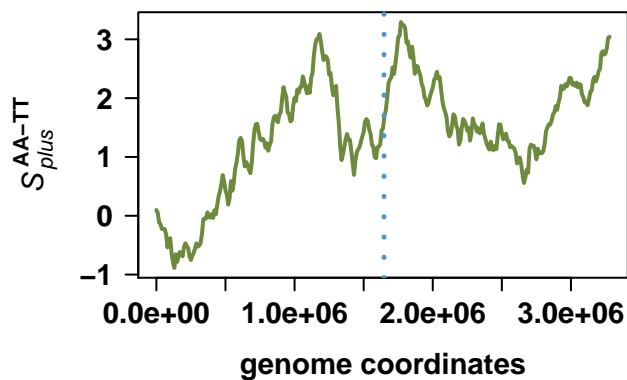
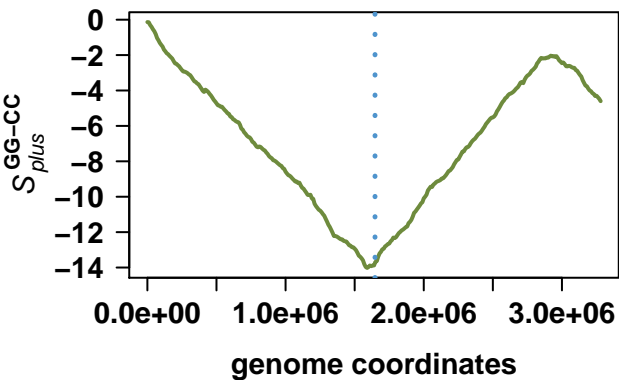
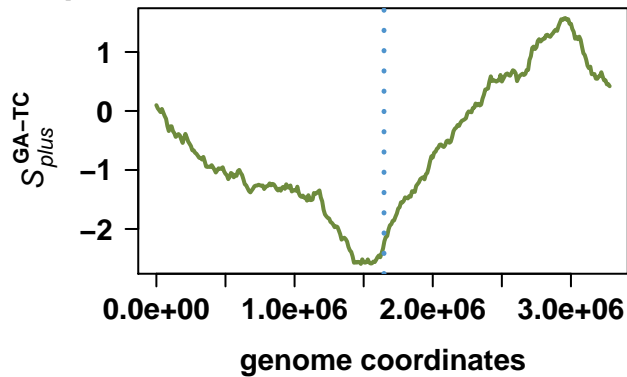
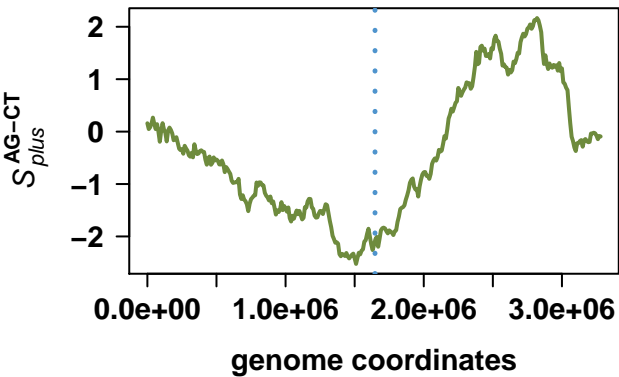
# Cupriavidus metallidurans CH34



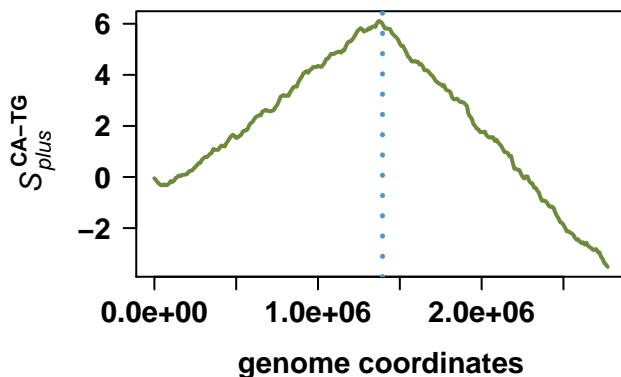
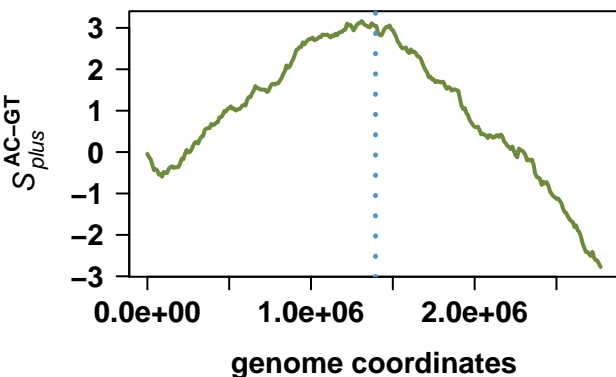
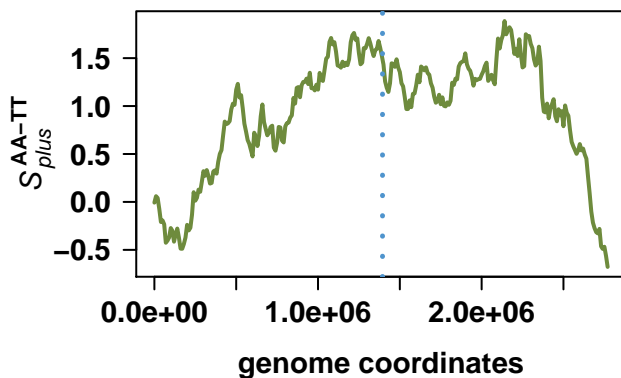
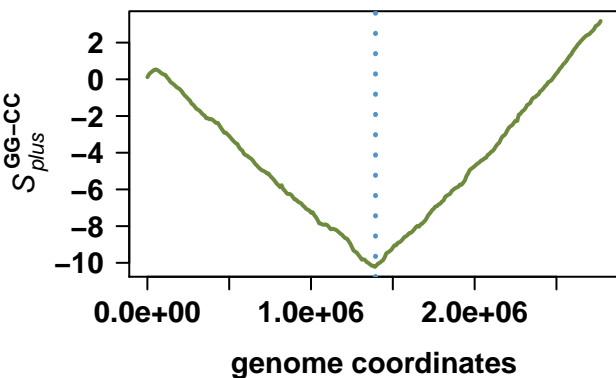
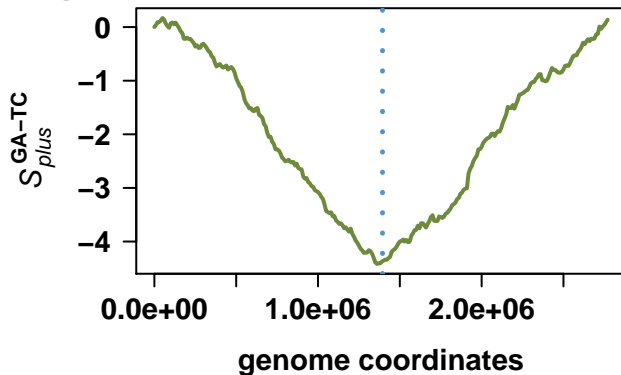
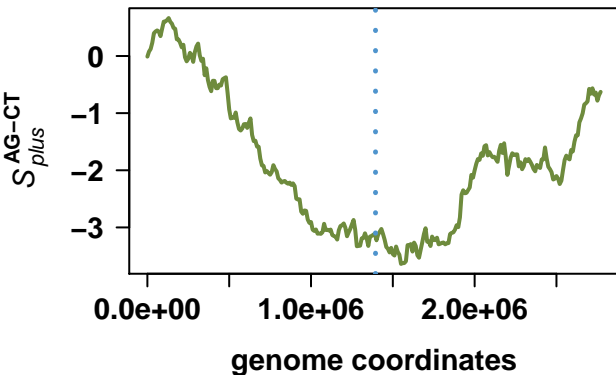
# Cupriavidus metallidurans CH34



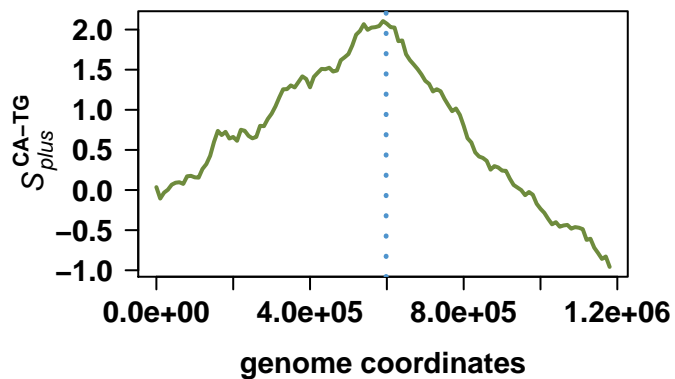
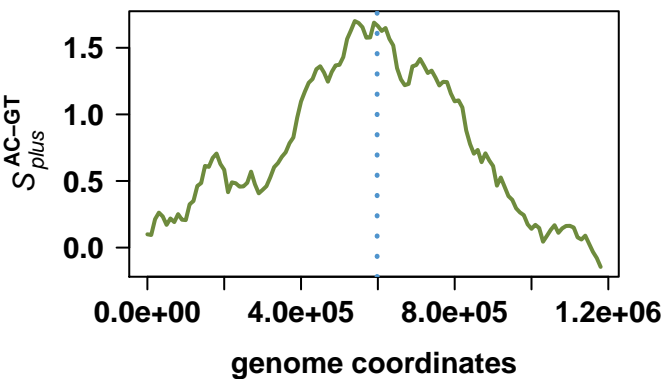
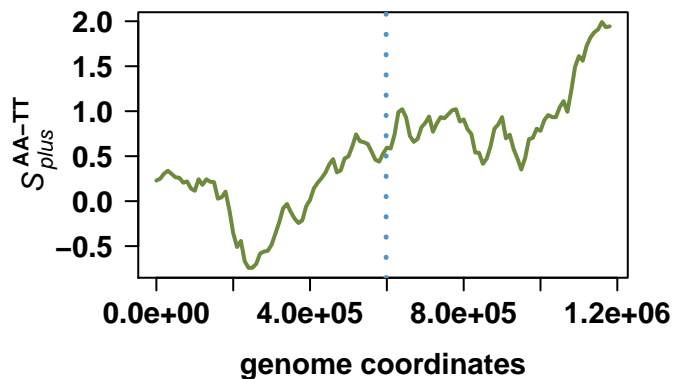
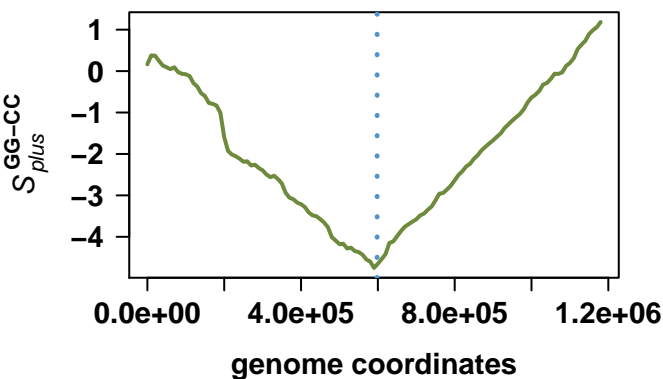
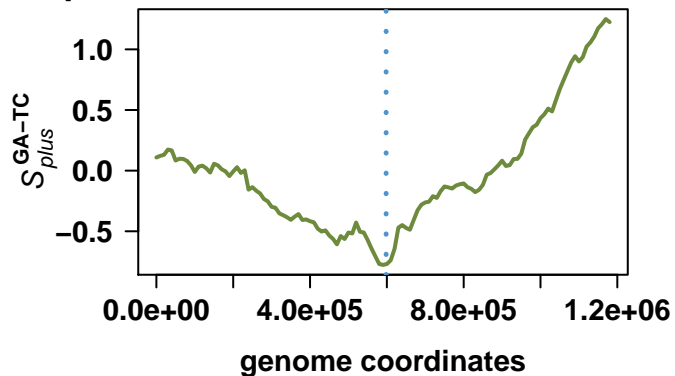
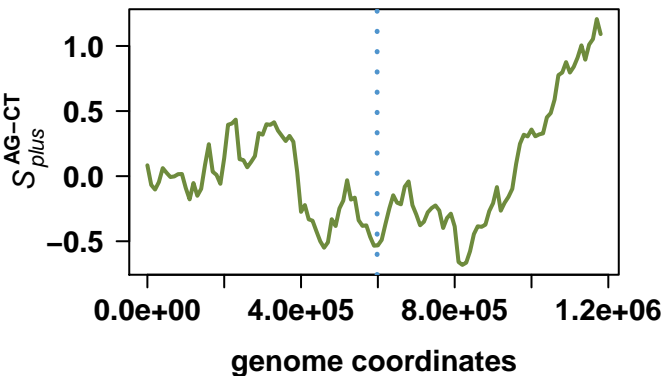
# Burkholderia cenocepacia AU 1054



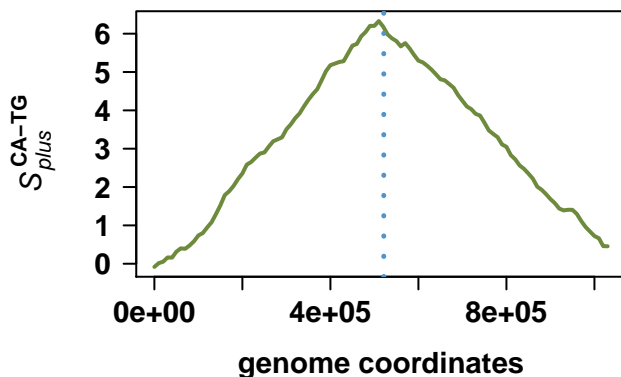
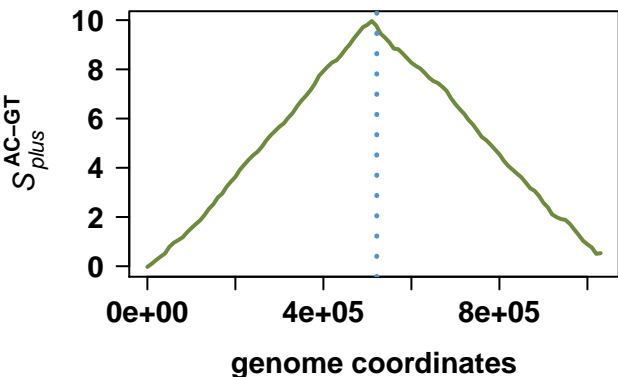
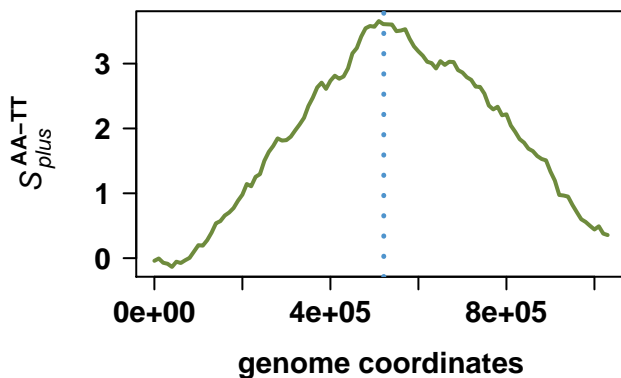
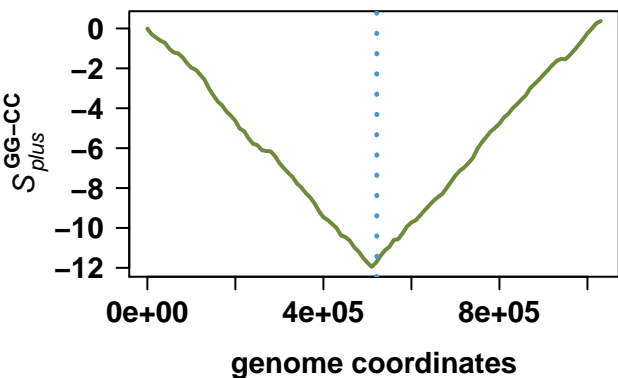
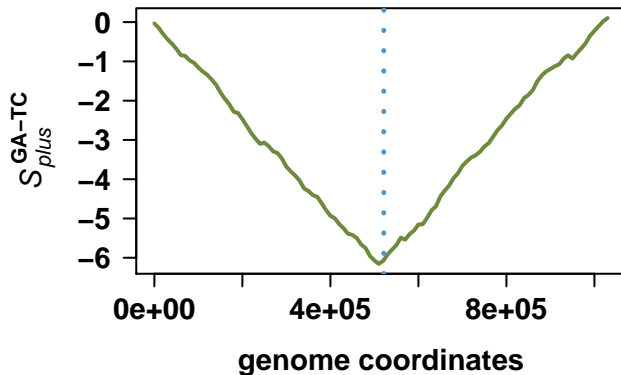
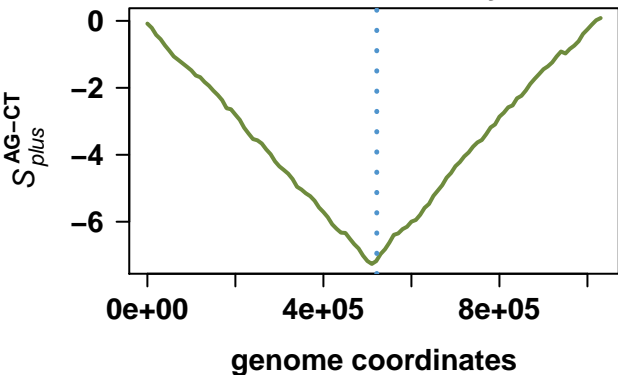
# Burkholderia cenocepacia AU 1054



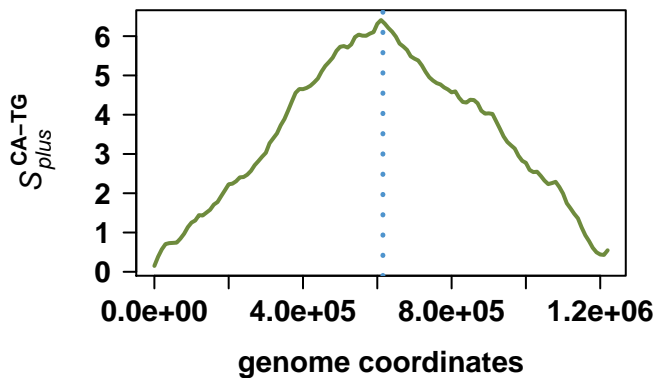
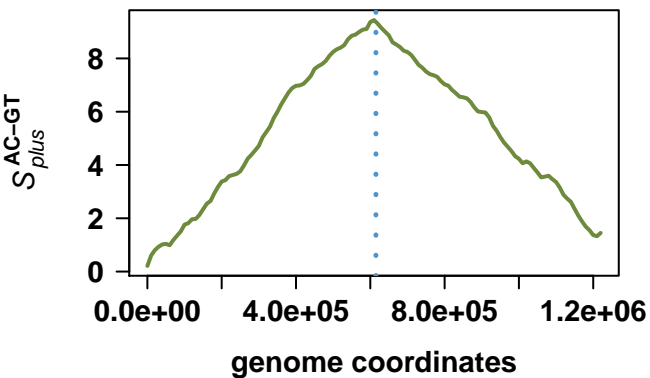
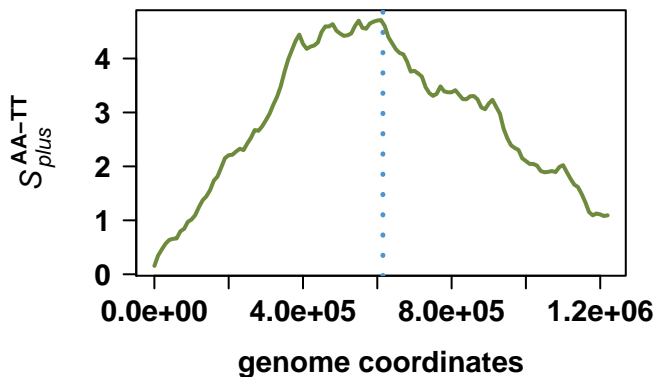
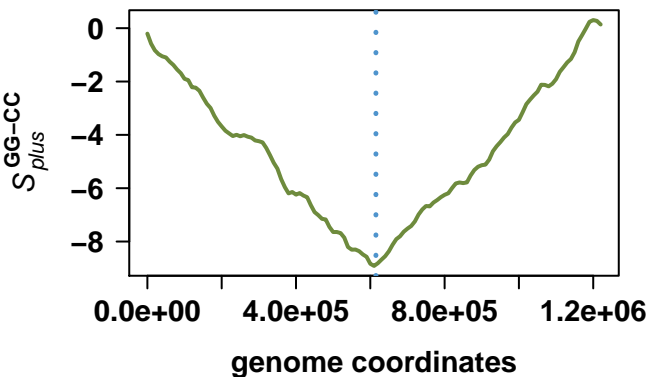
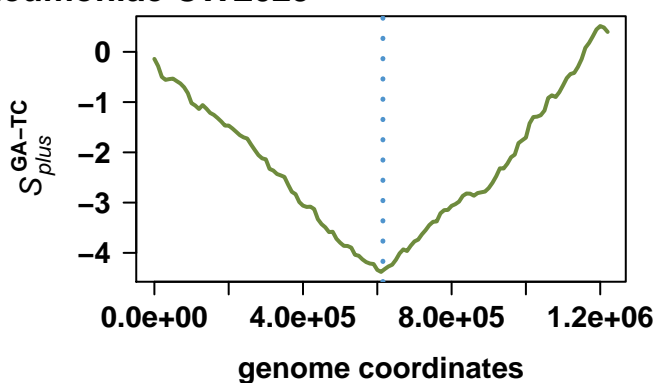
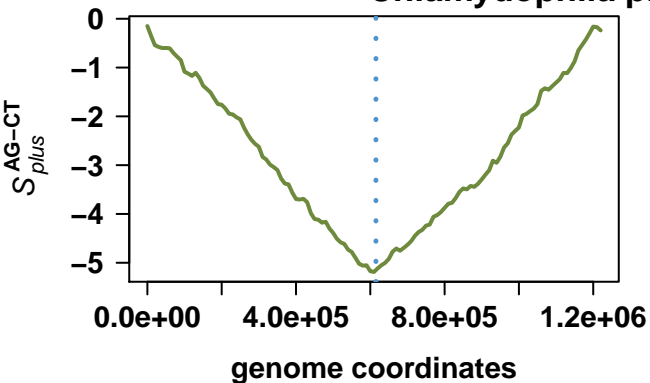
# Burkholderia cenocepacia AU 1054



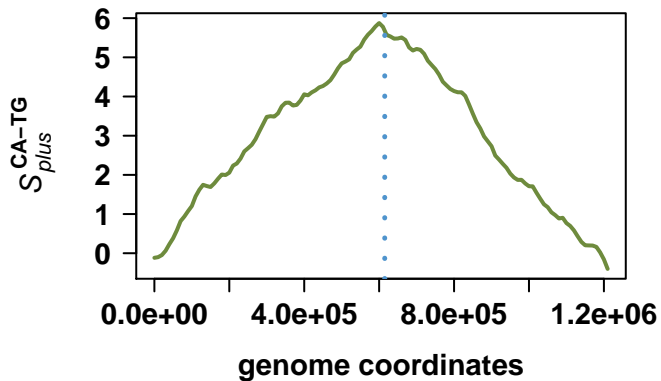
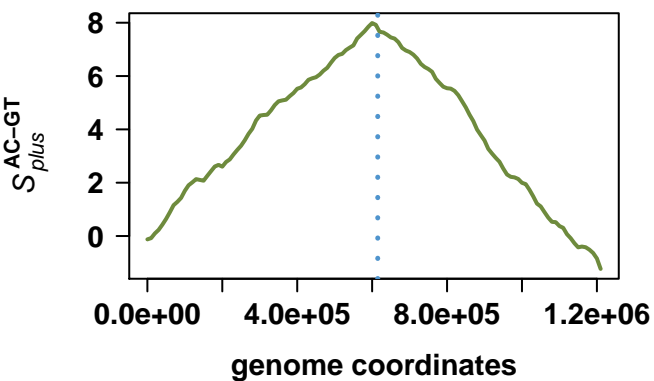
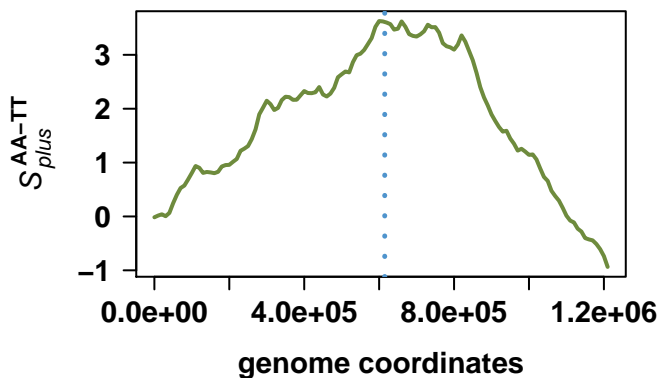
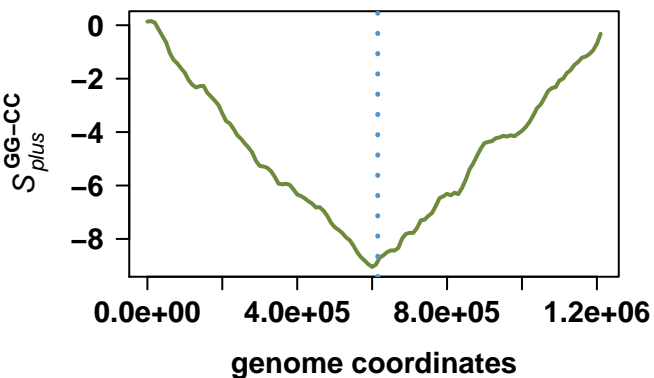
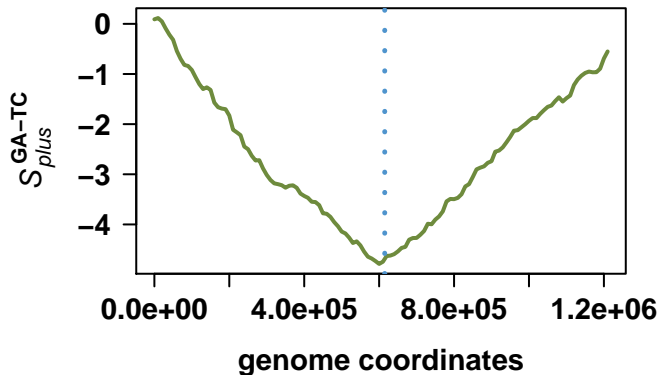
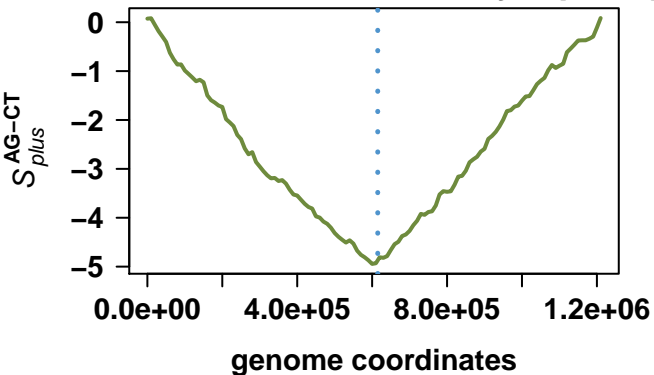
# Chlamydia trachomatis D/UW-3/CX



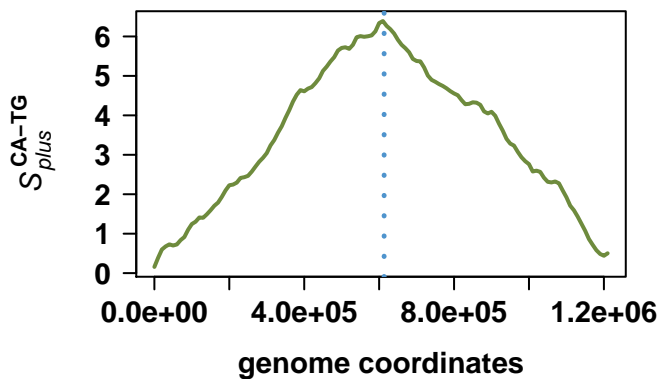
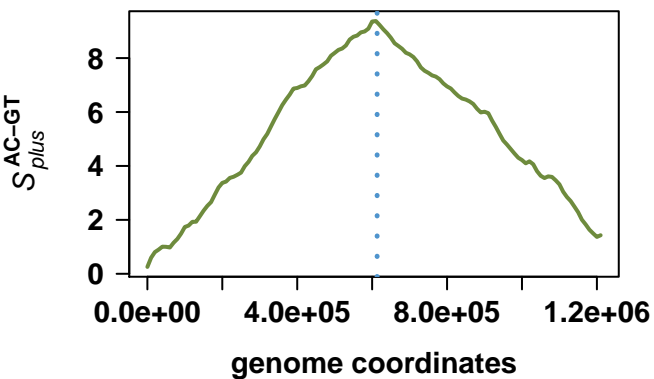
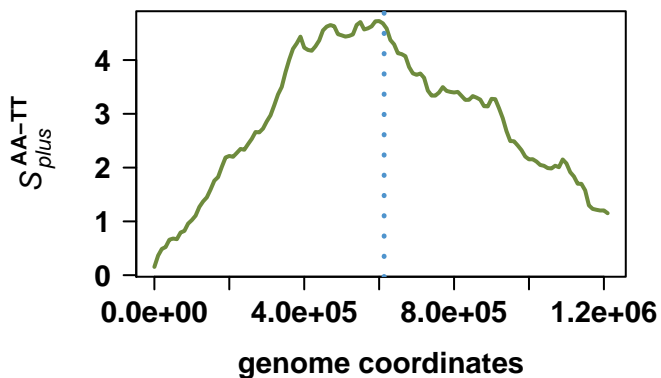
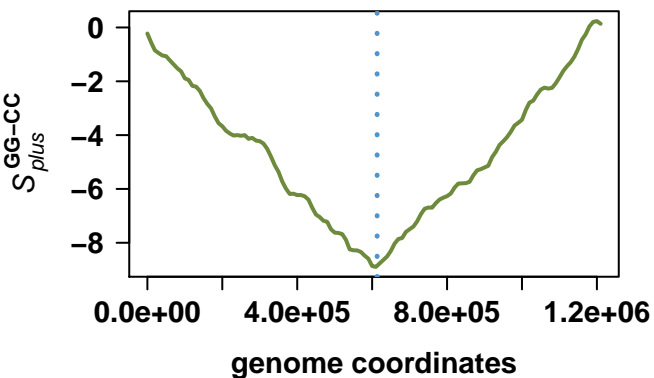
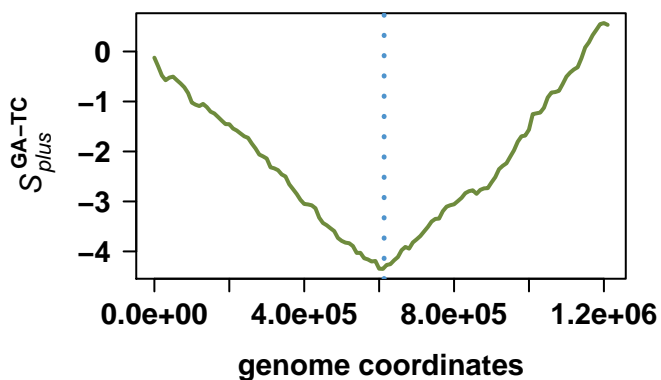
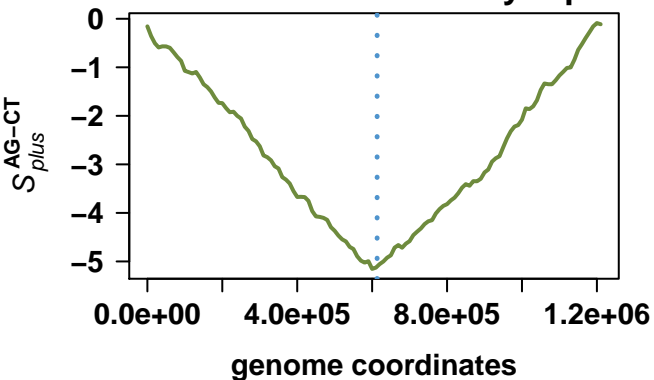
# Chlamydophila pneumoniae CWL029



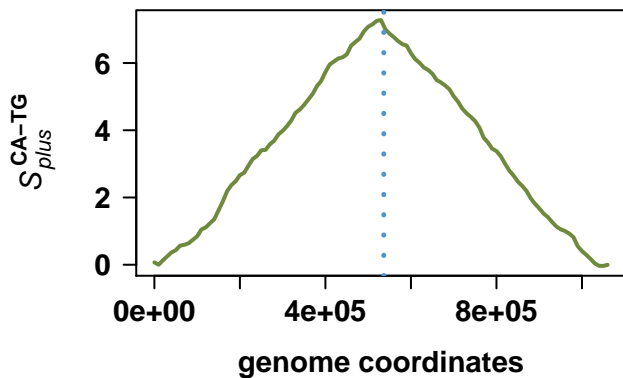
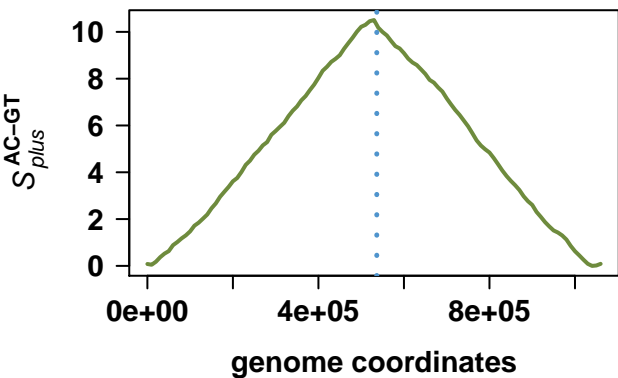
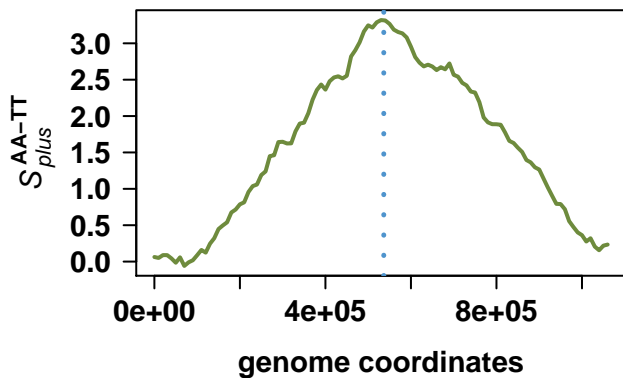
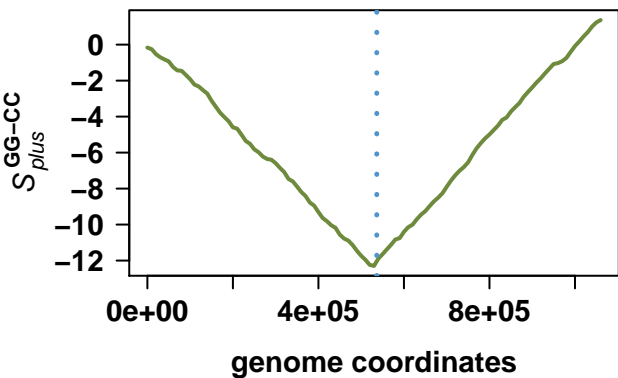
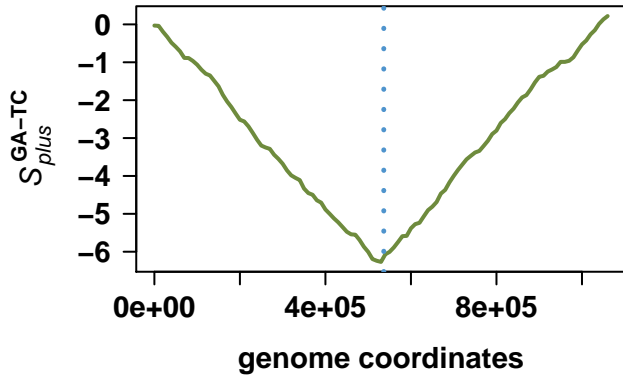
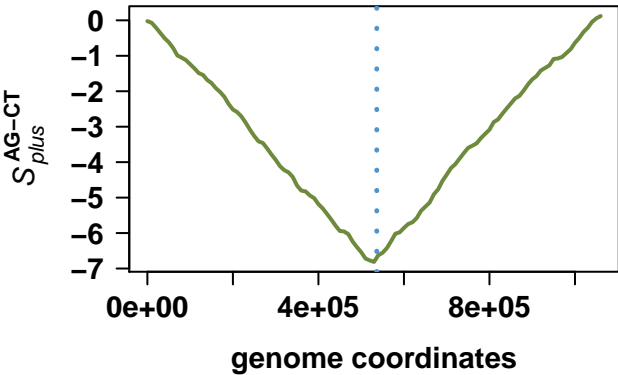
# Chlamydomophila pneumoniae AR39



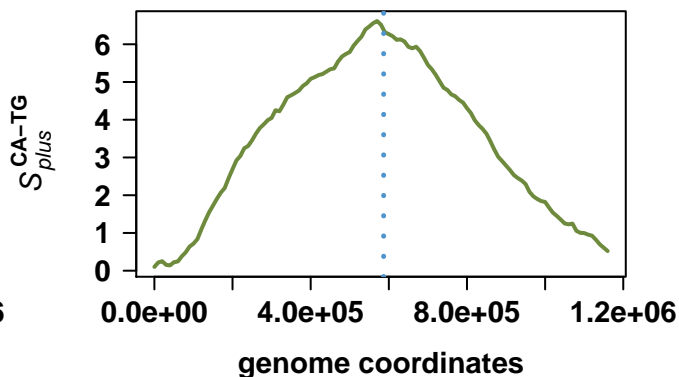
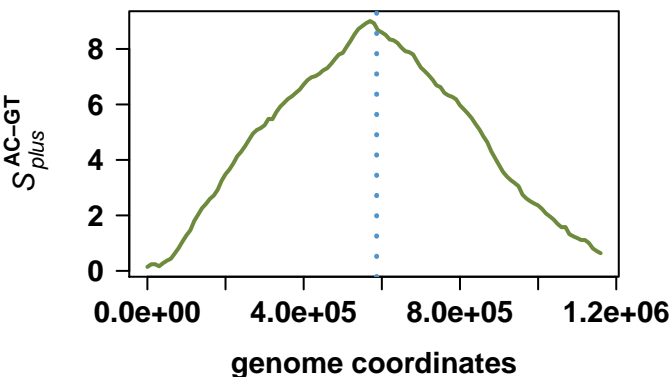
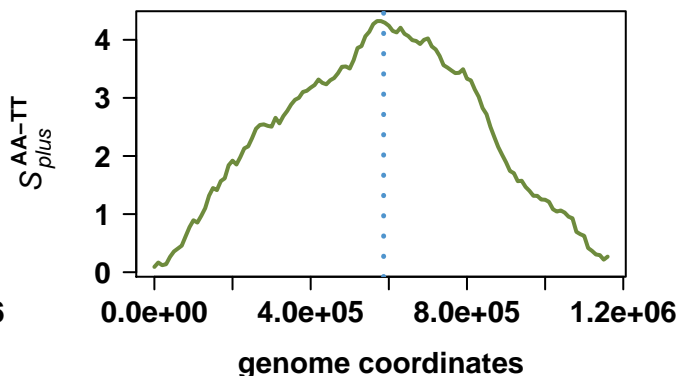
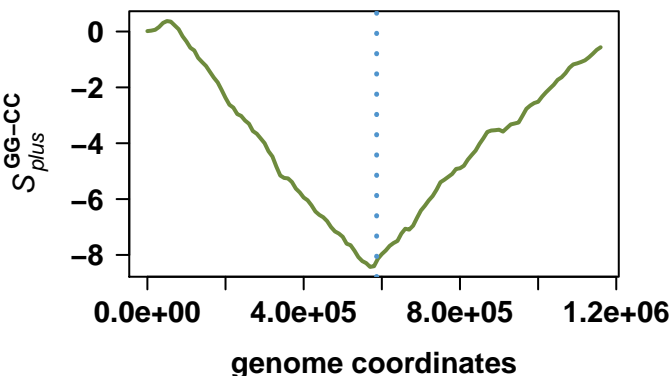
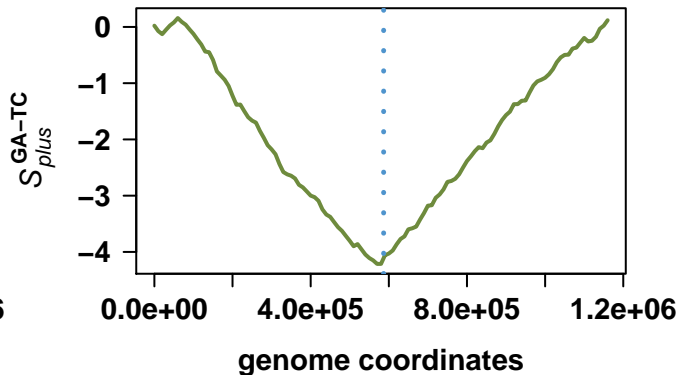
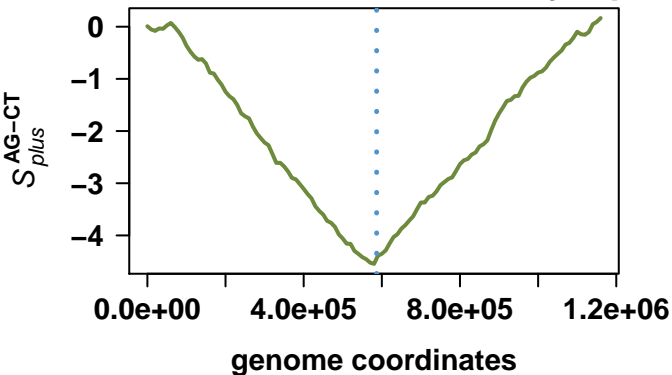
# Chlamydomophila pneumoniae J138



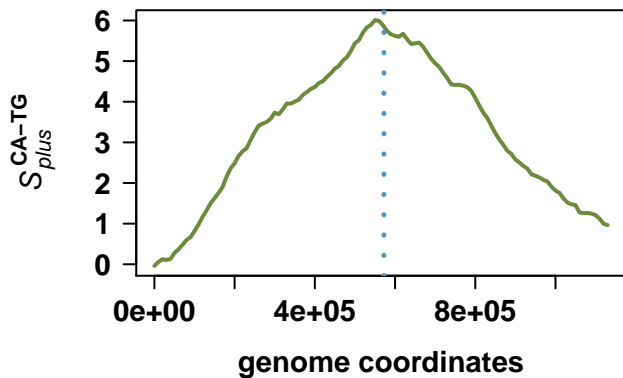
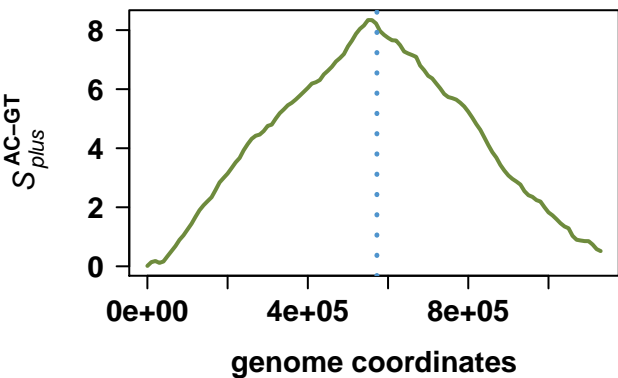
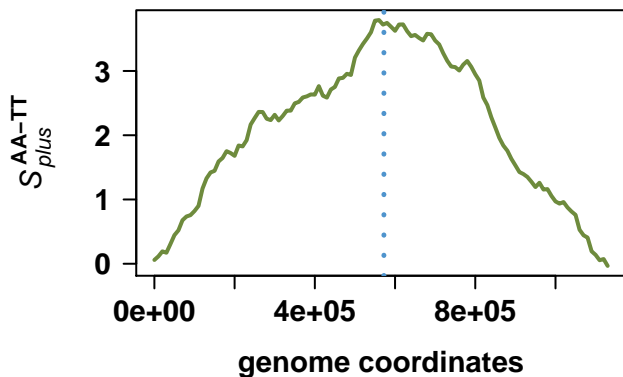
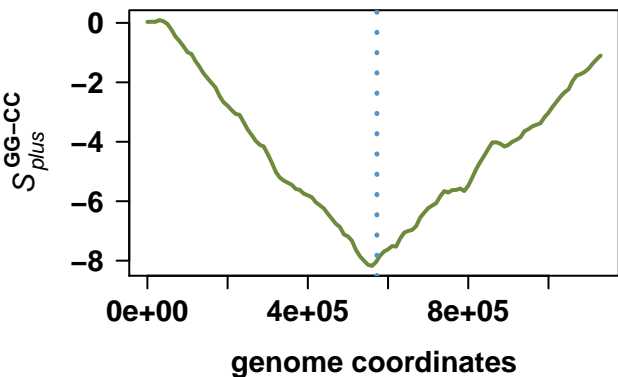
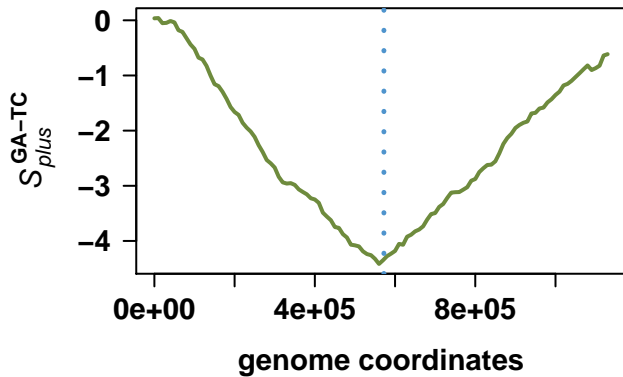
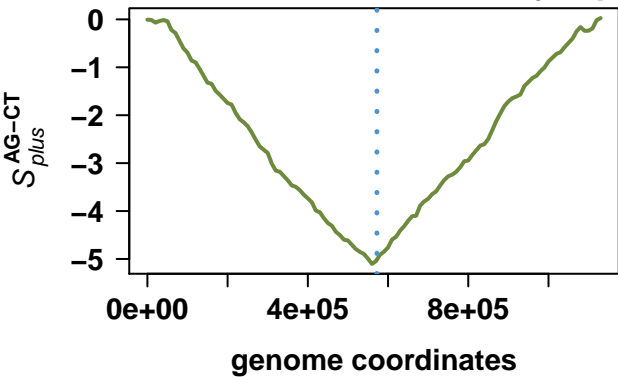
# Chlamydia muridarum str. Nigg



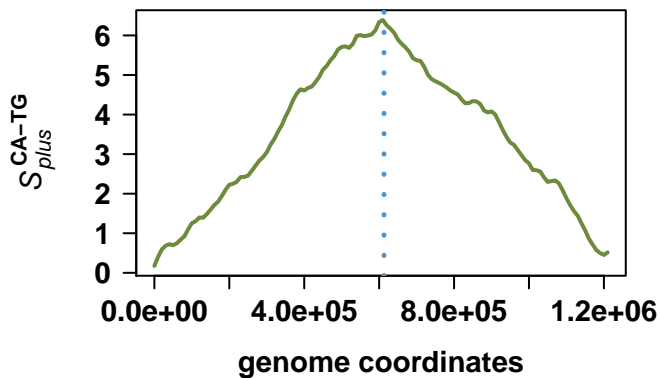
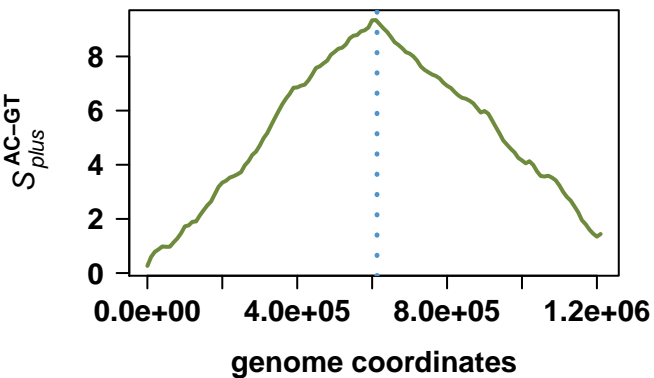
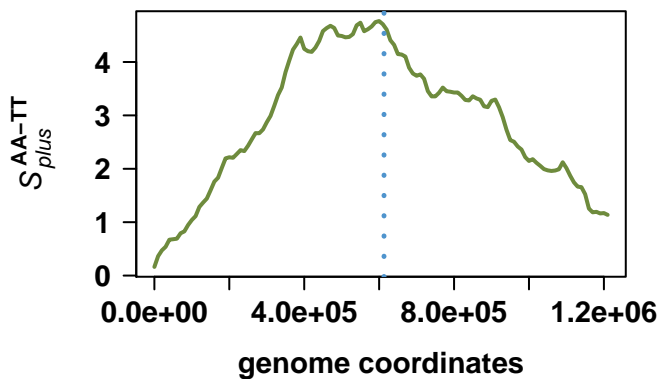
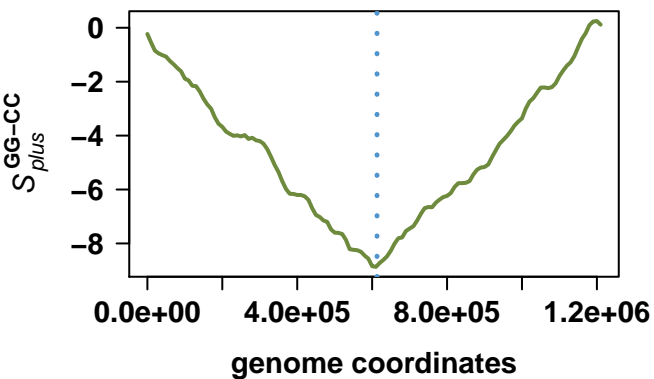
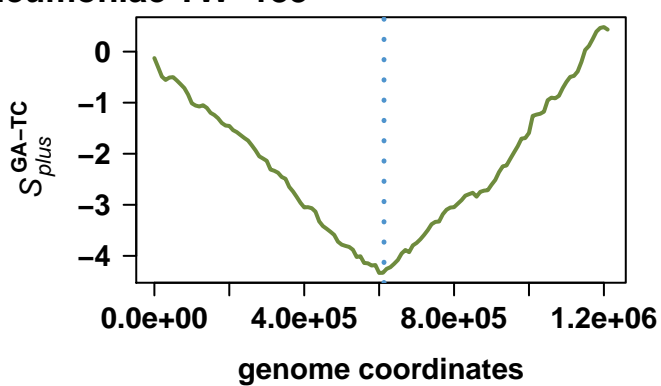
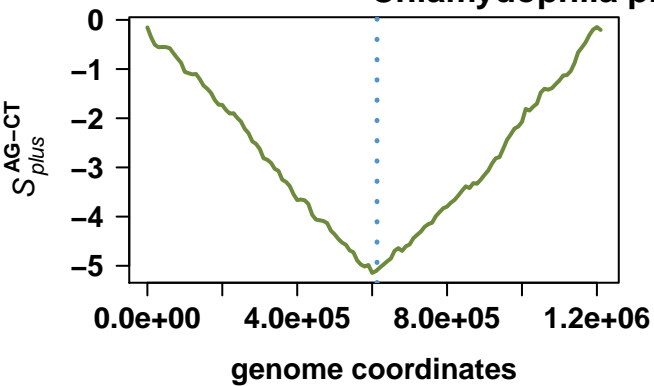
# Chlamydomonas reinhardtii GPIC



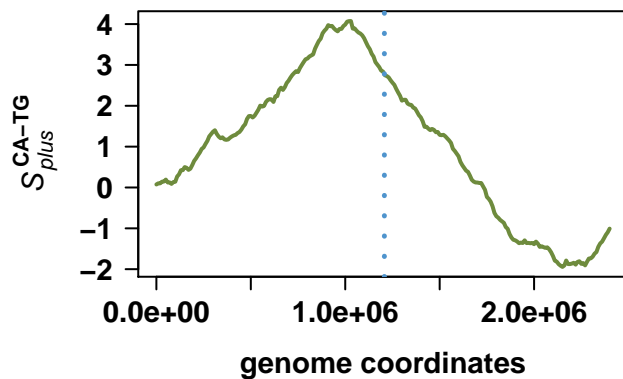
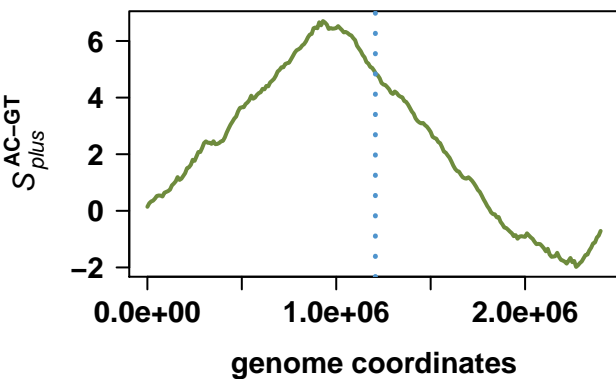
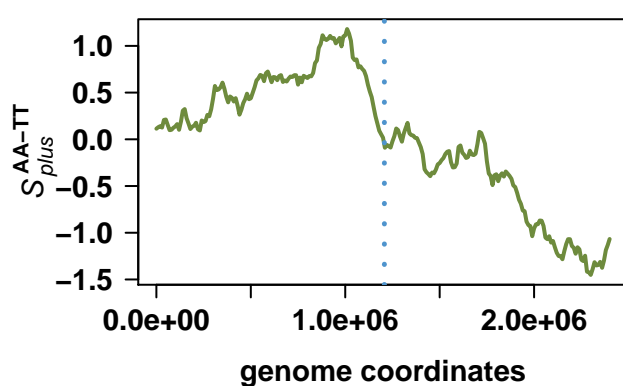
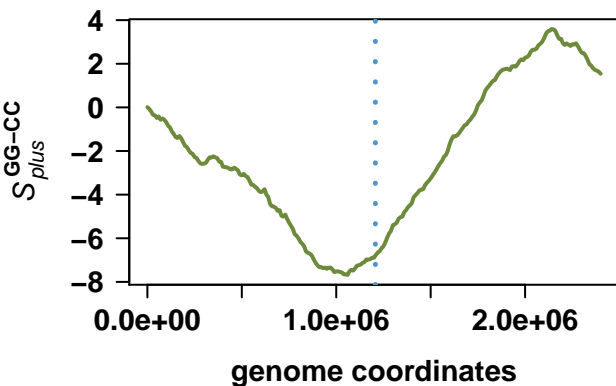
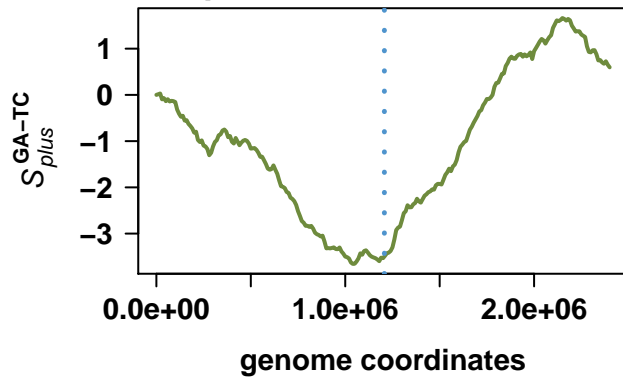
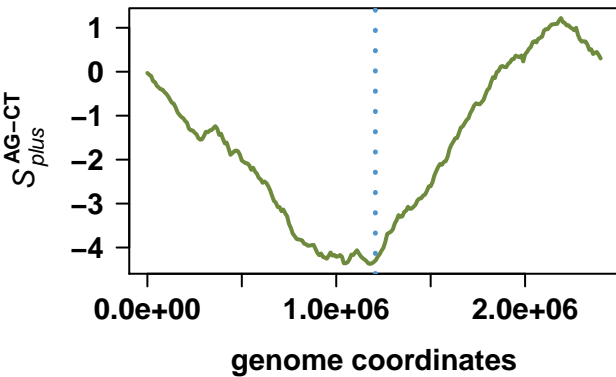
# Chlamydomonas abortus S26/3



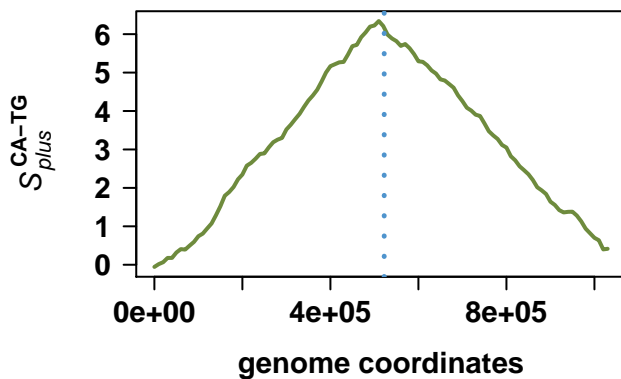
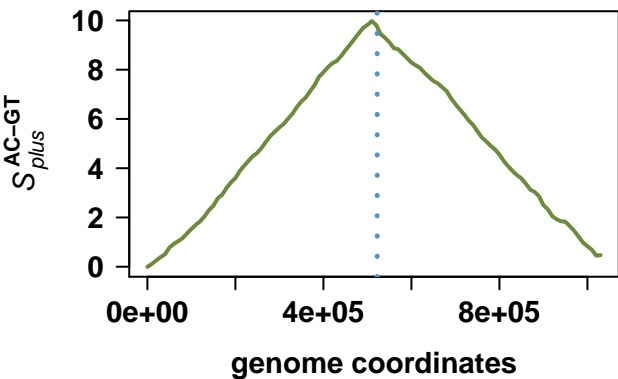
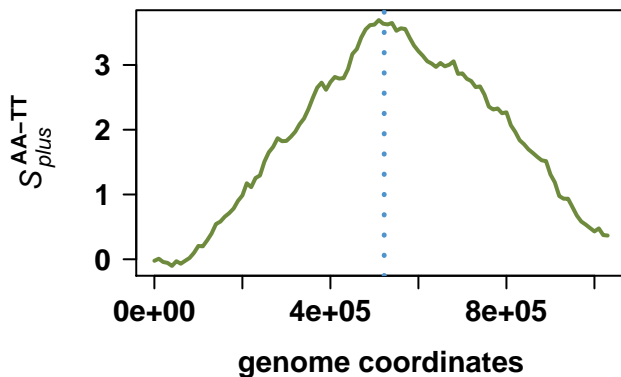
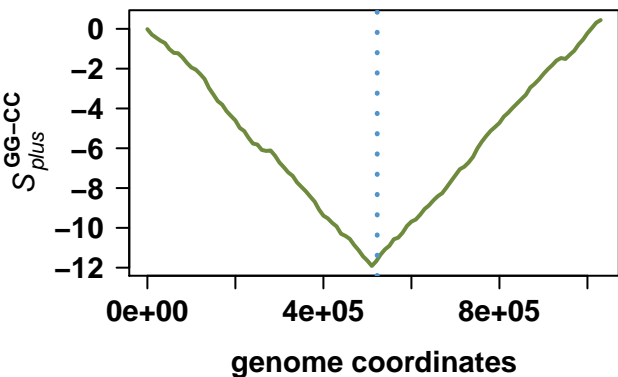
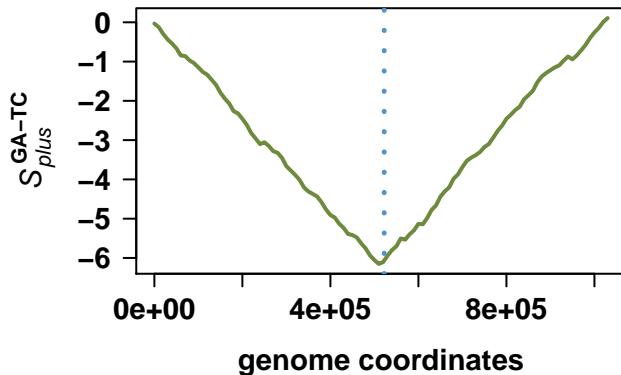
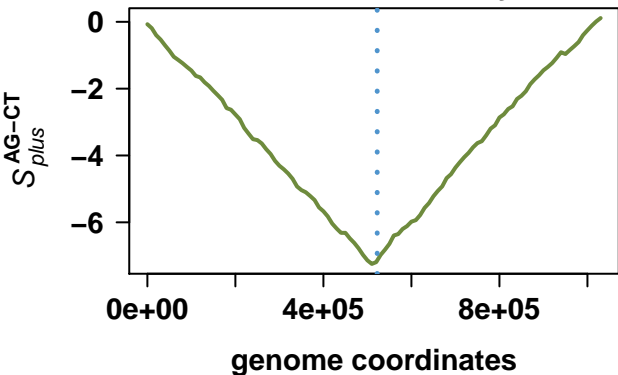
# Chlamydophila pneumoniae TW-183



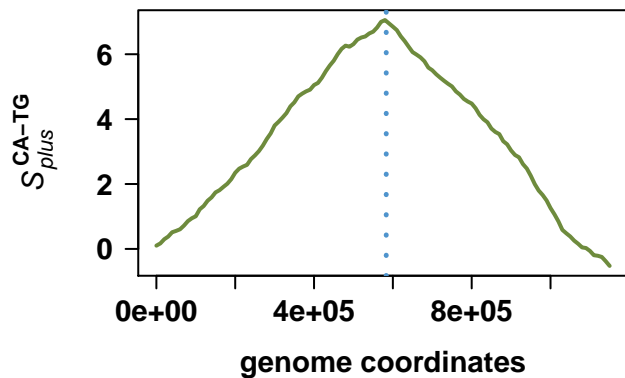
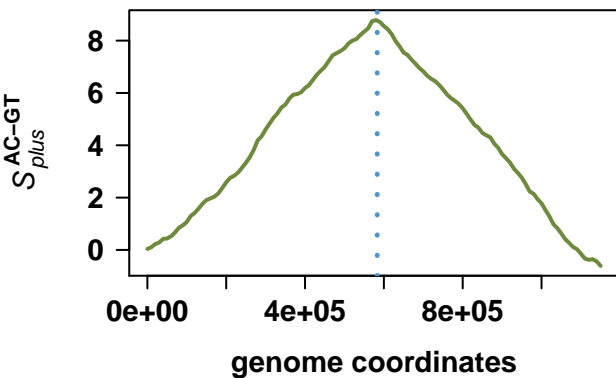
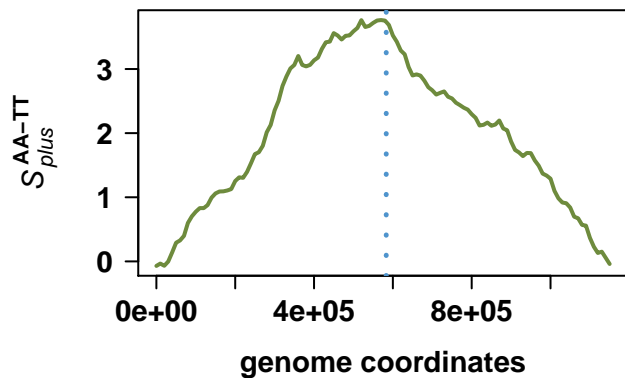
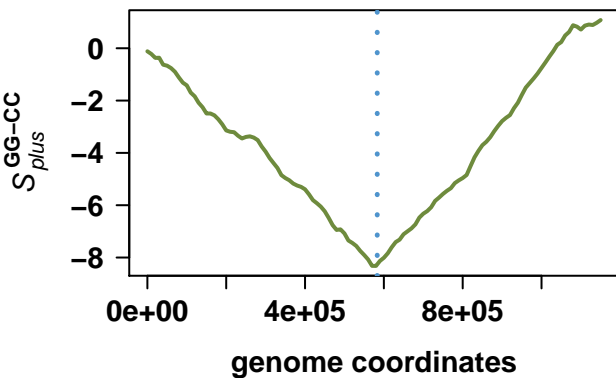
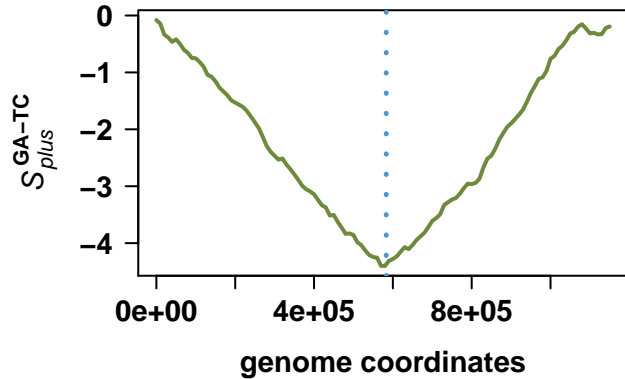
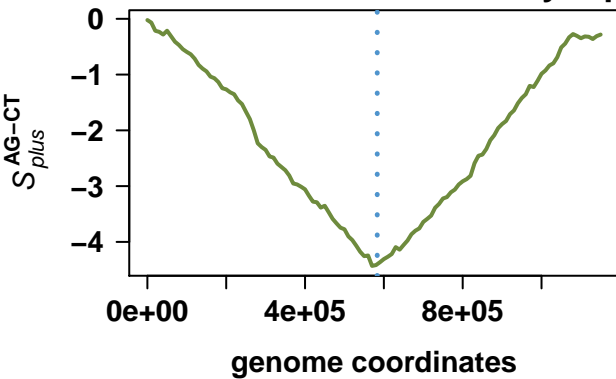
# Candidatus Protochlamydia amoebophila UWE25



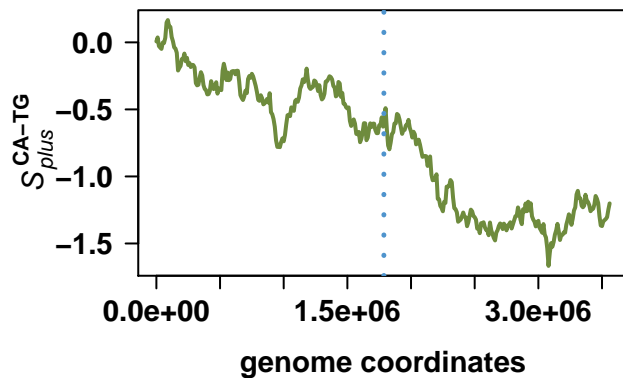
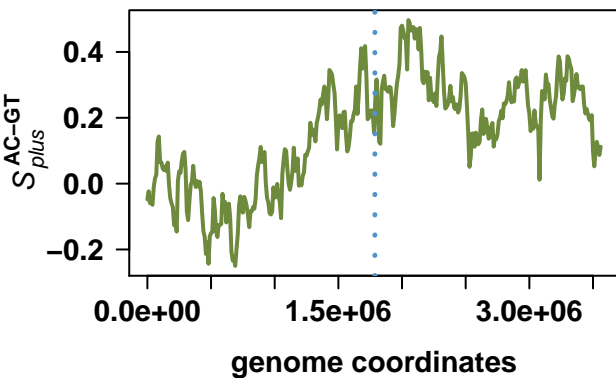
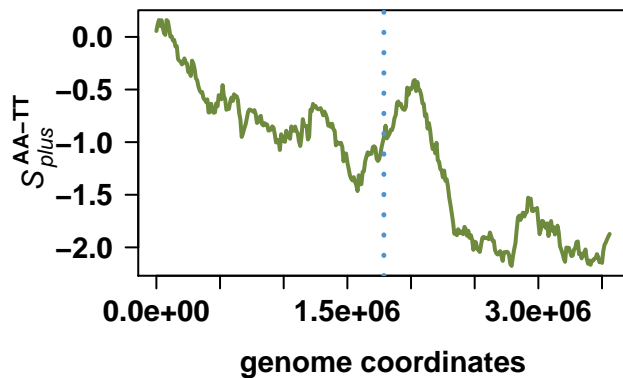
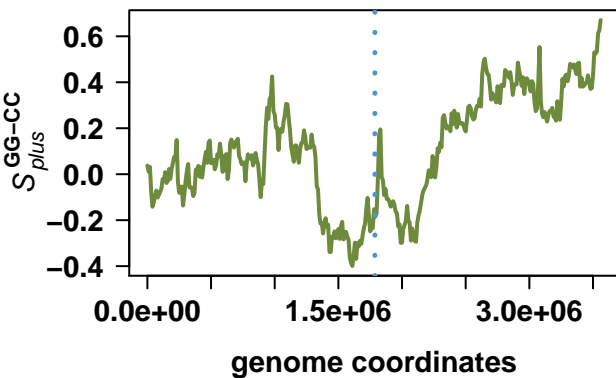
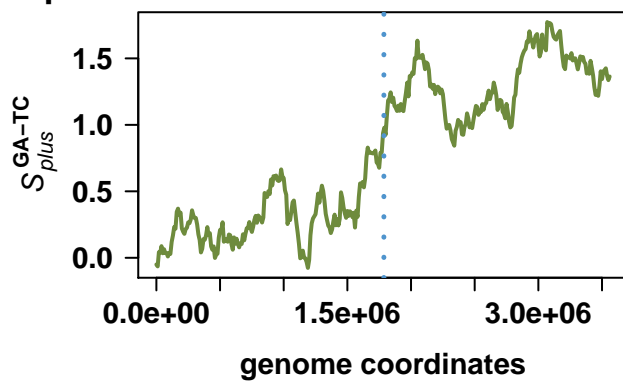
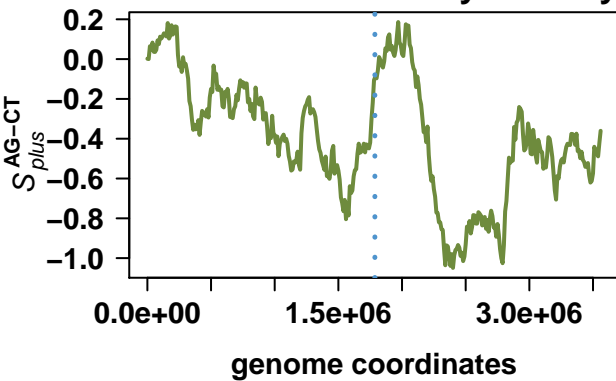
# Chlamydia trachomatis A/HAR-13



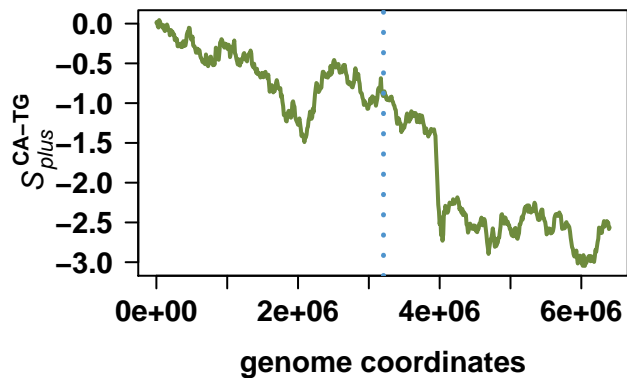
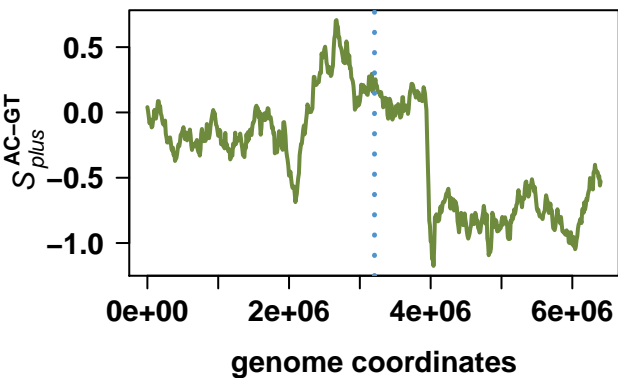
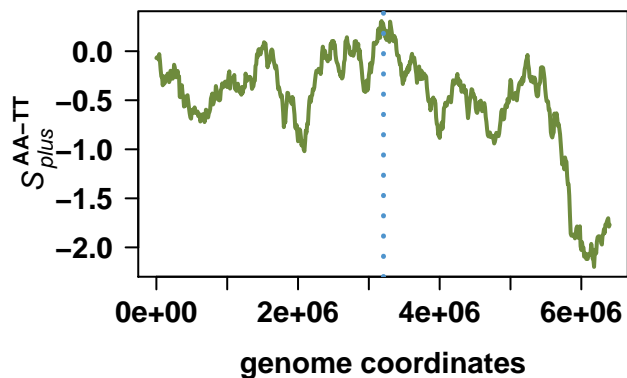
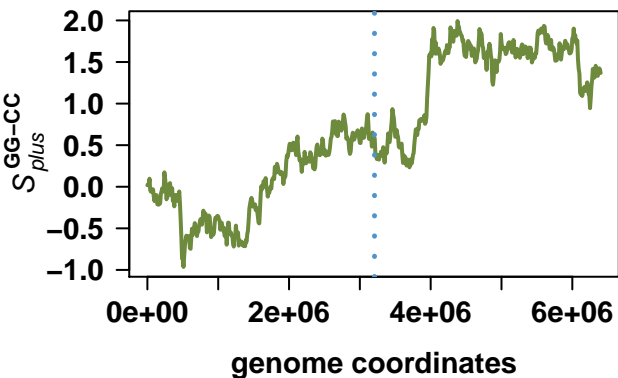
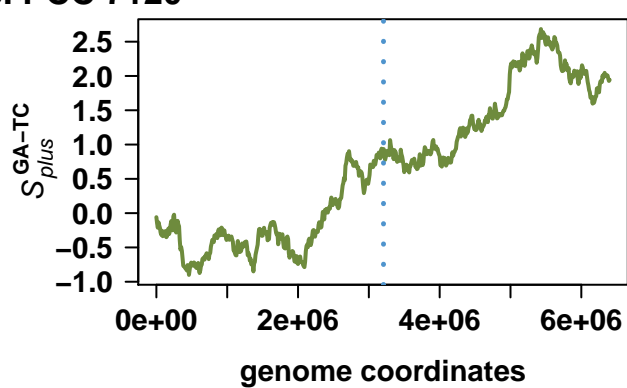
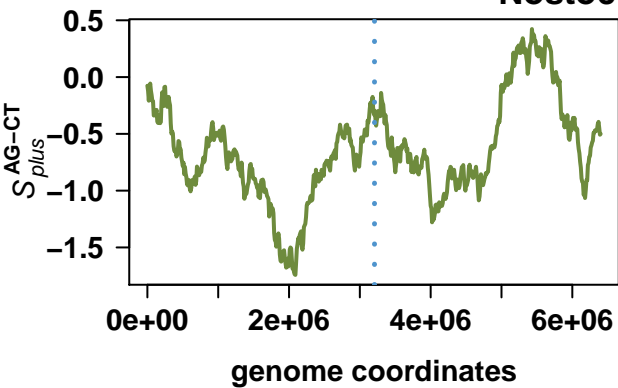
# Chlamydophila felis Fe/C-56



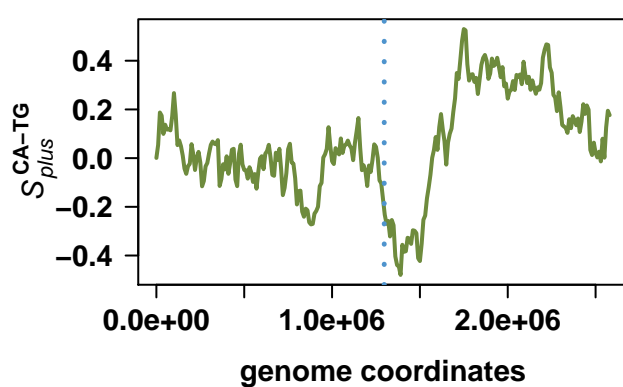
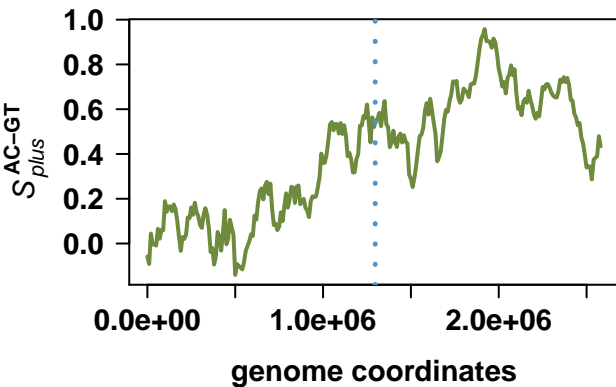
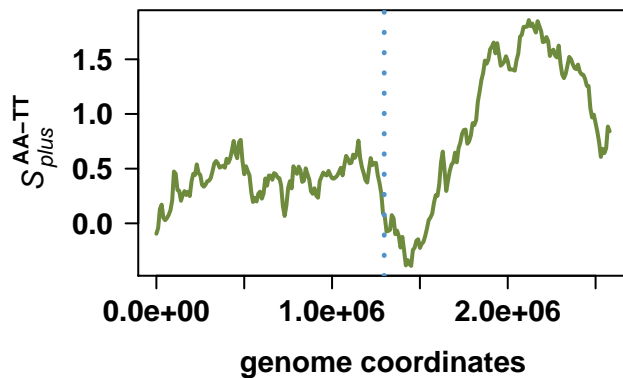
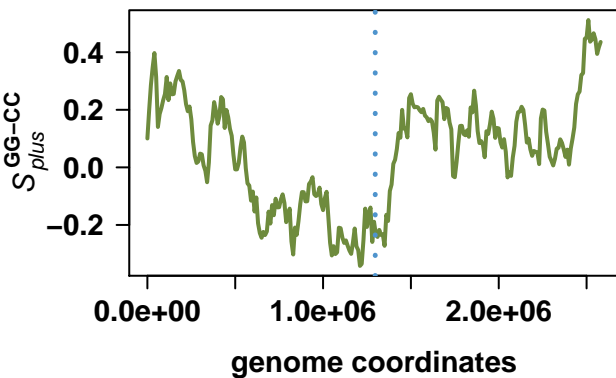
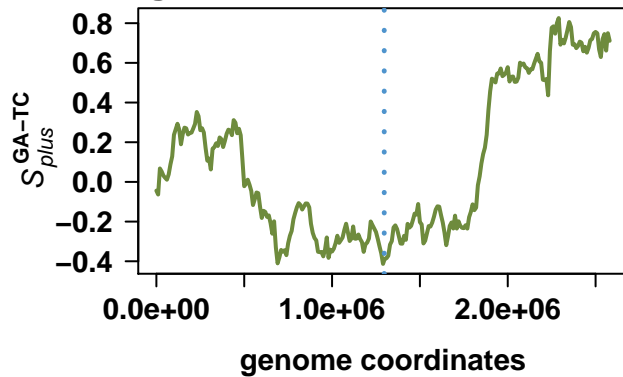
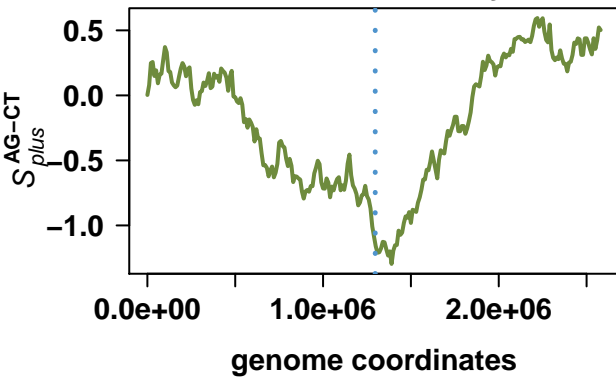
# Synechocystis sp. PCC 6803



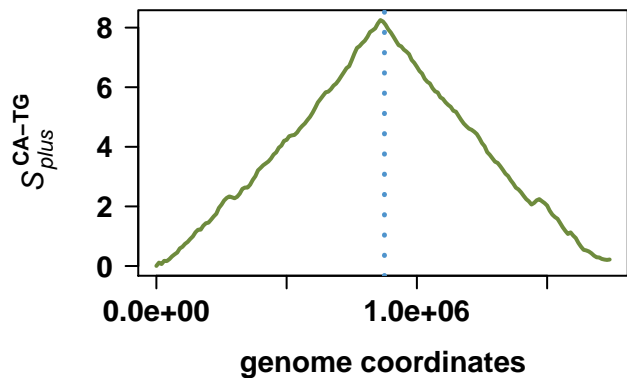
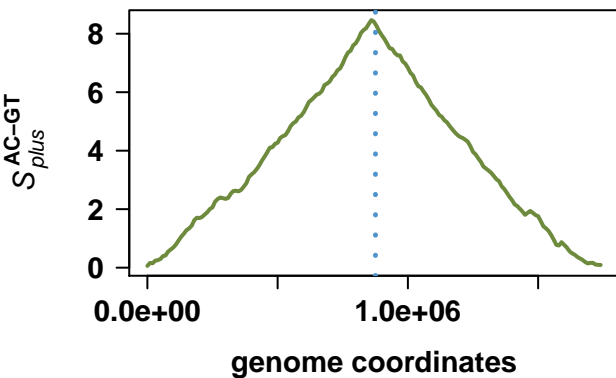
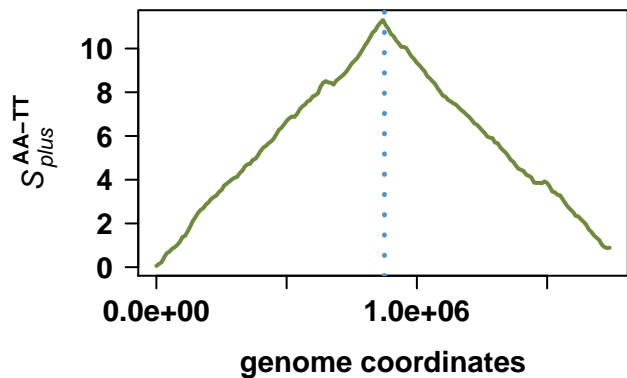
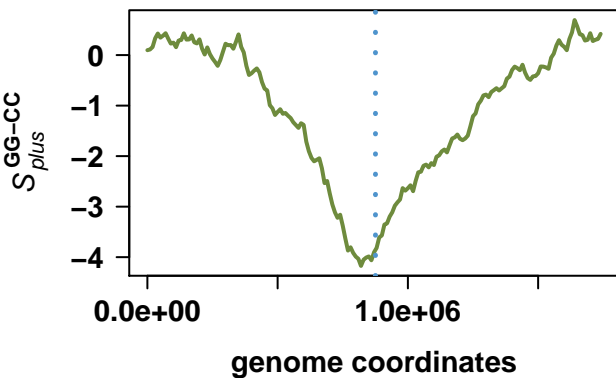
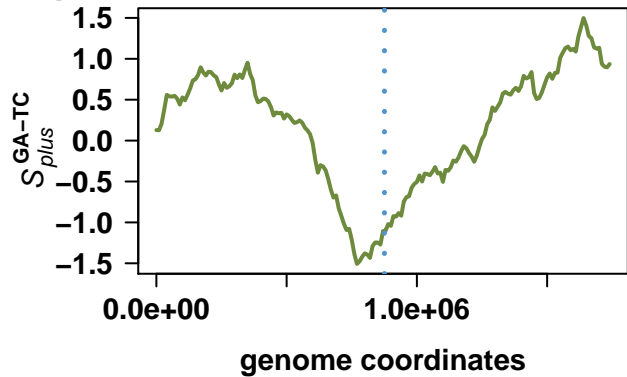
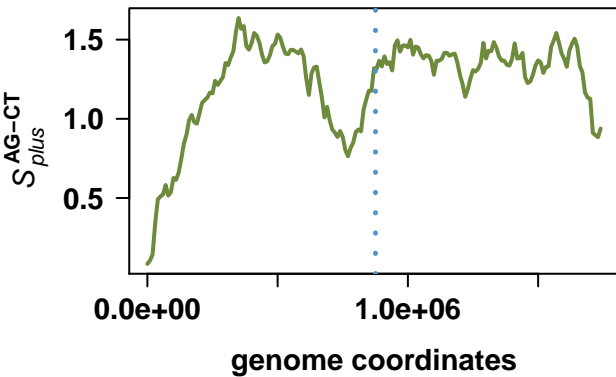
# Nostoc sp. PCC 7120



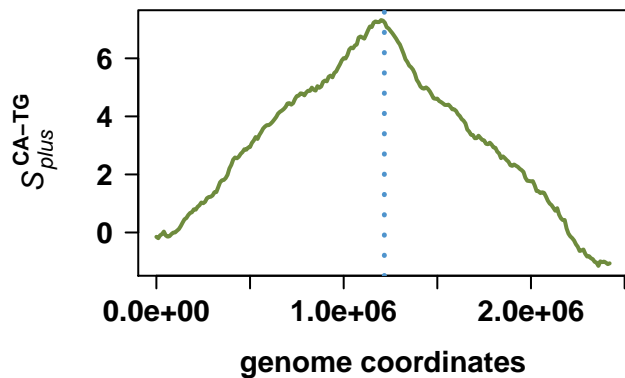
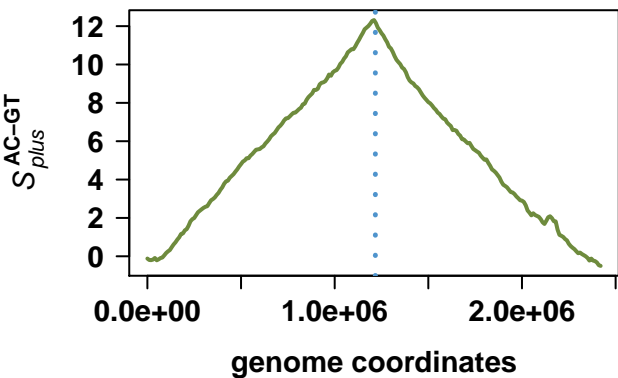
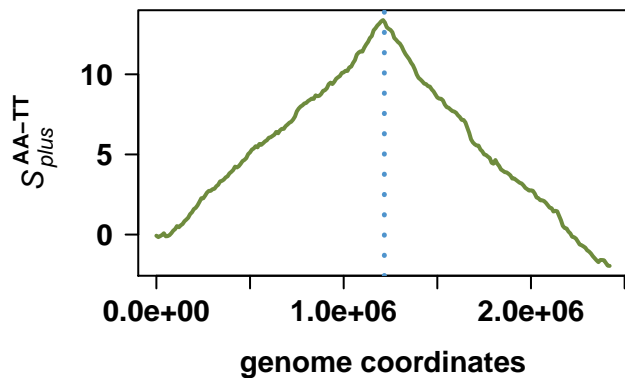
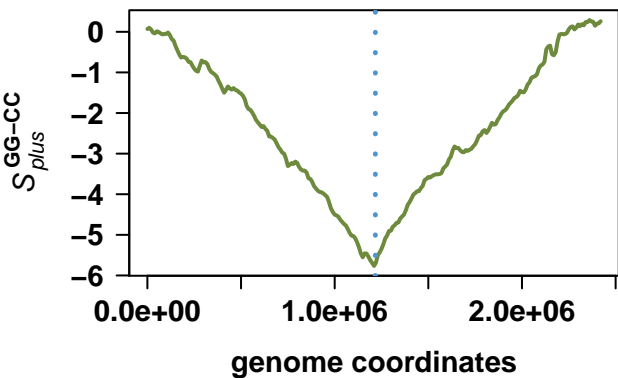
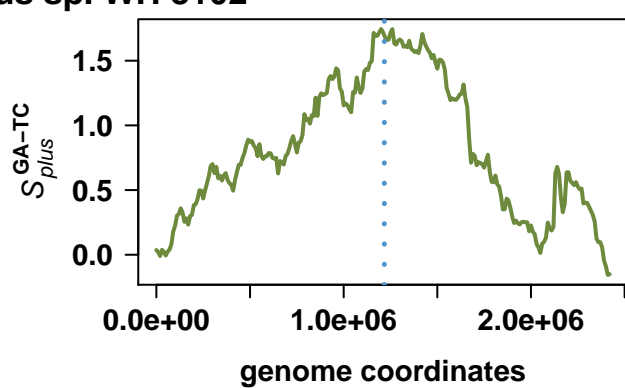
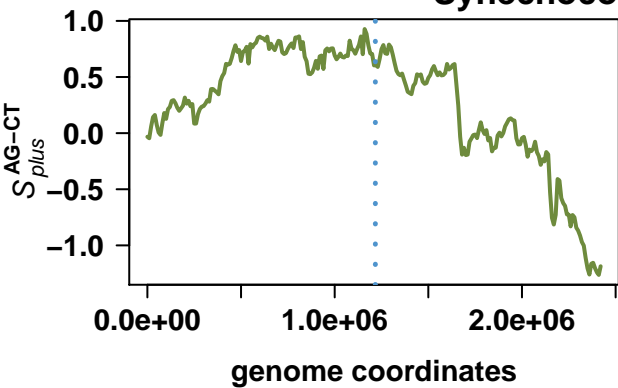
# Thermosynechococcus elongatus BP-1



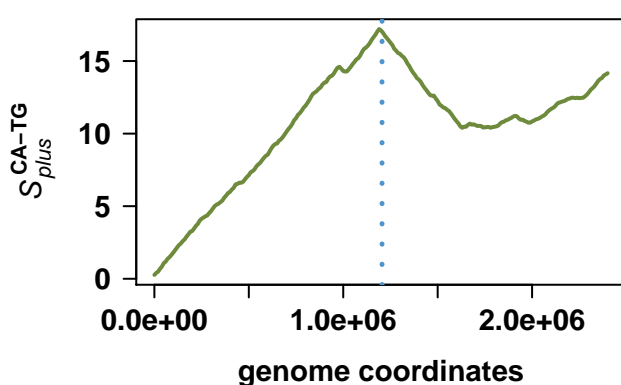
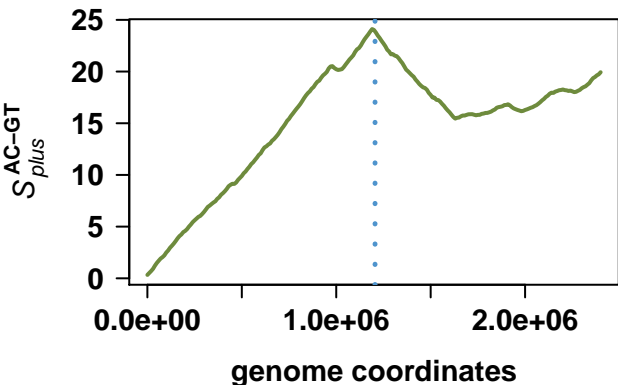
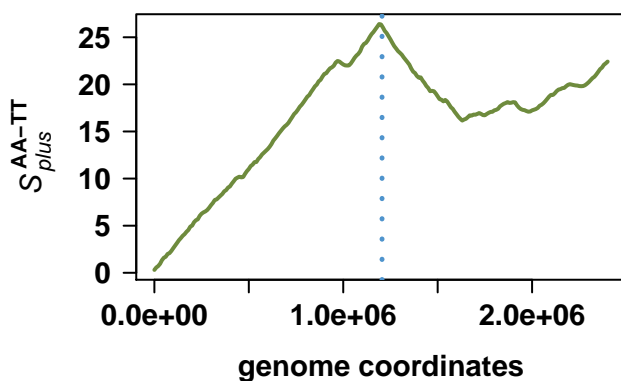
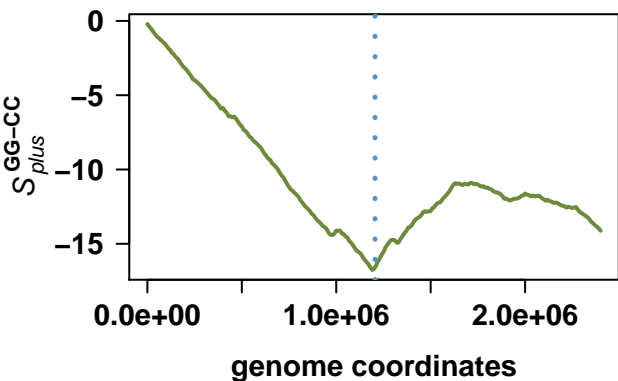
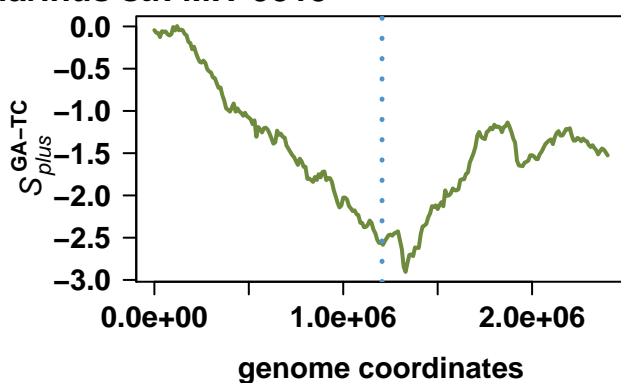
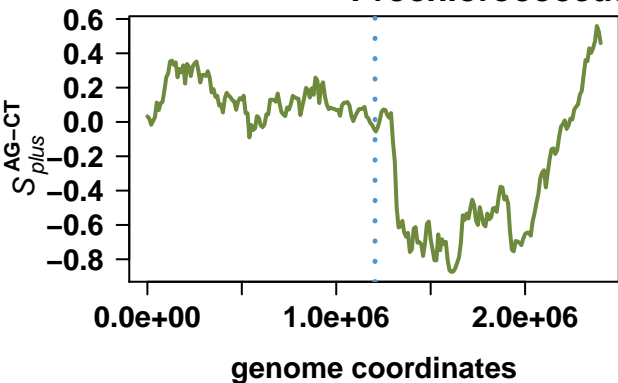
# Prochlorococcus marinus subsp. marinus str. CCMP1375



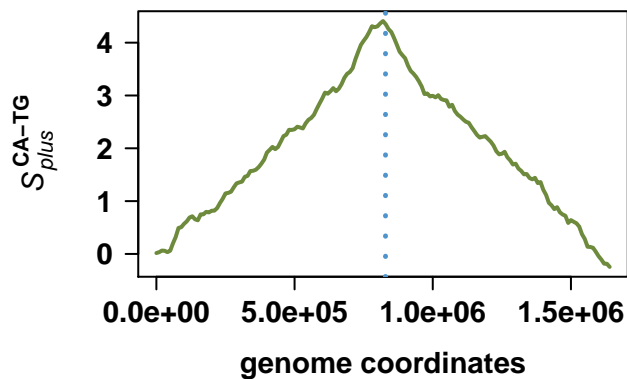
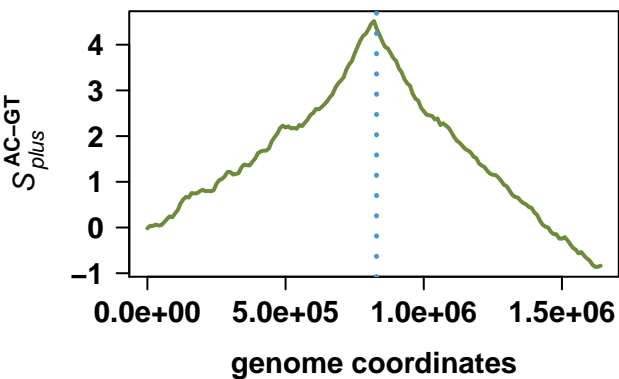
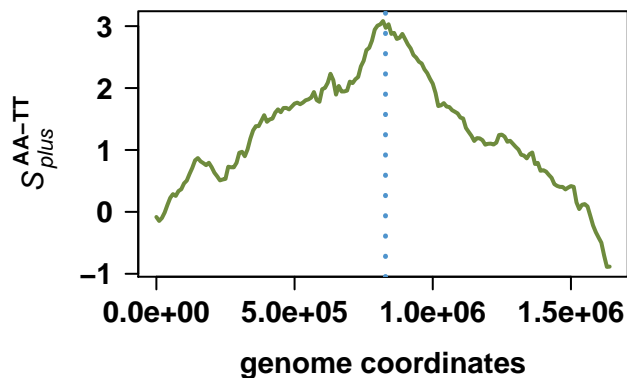
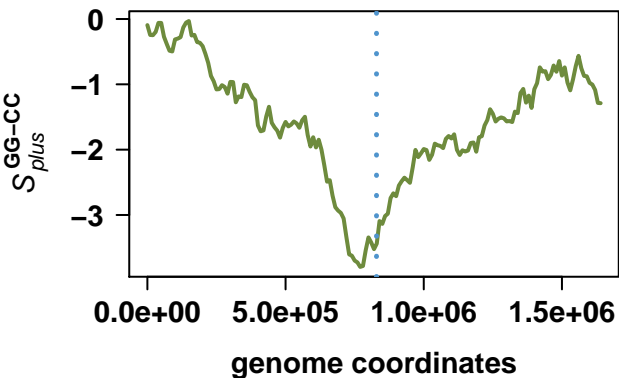
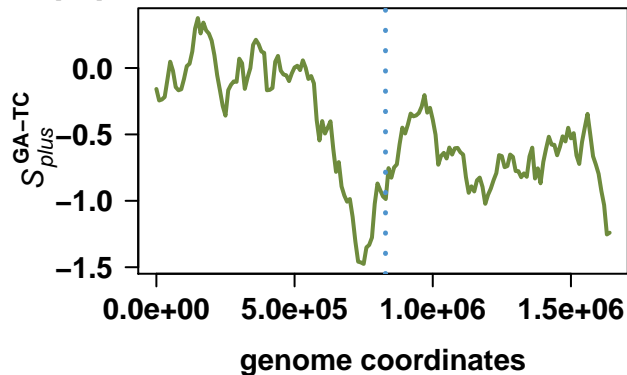
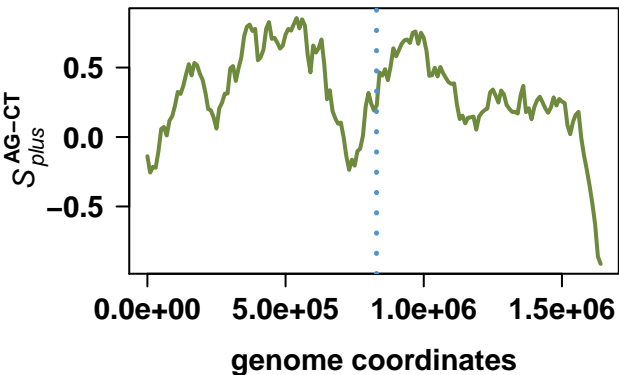
# Synechococcus sp. WH 8102



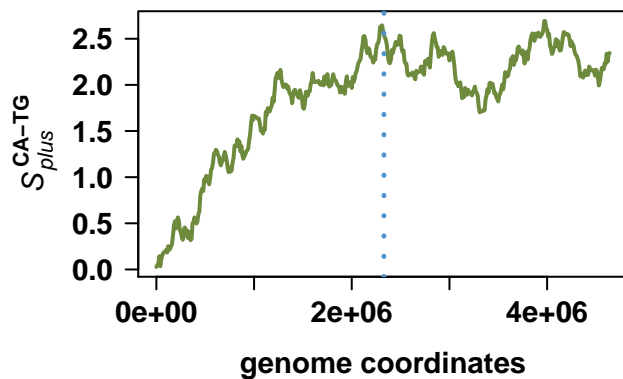
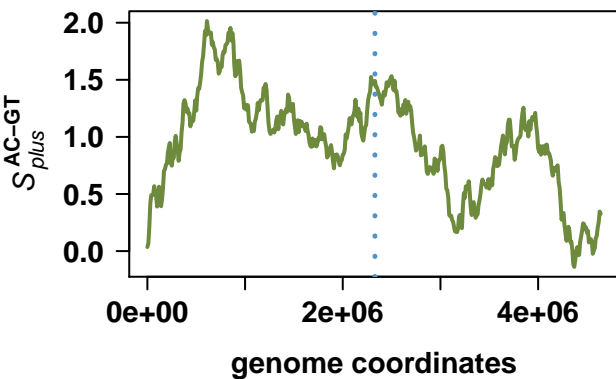
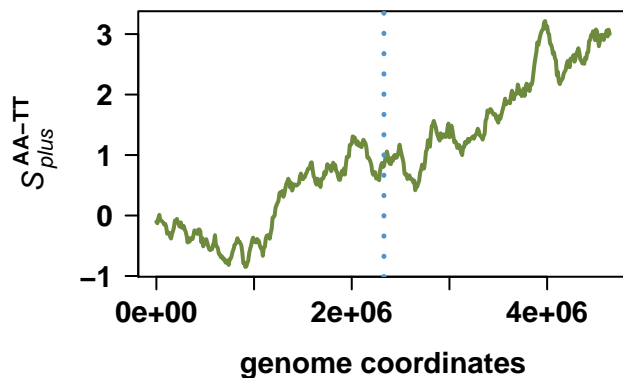
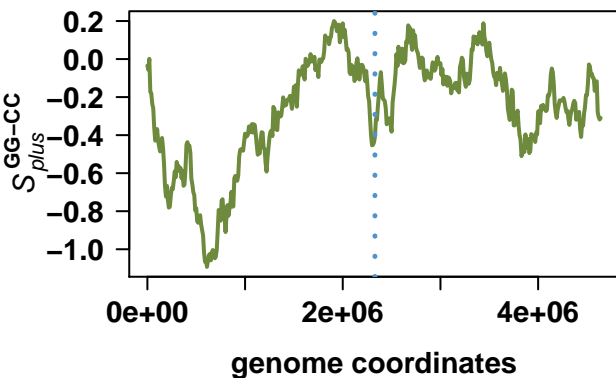
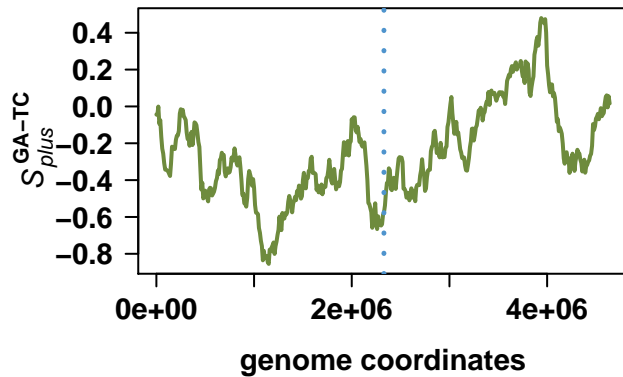
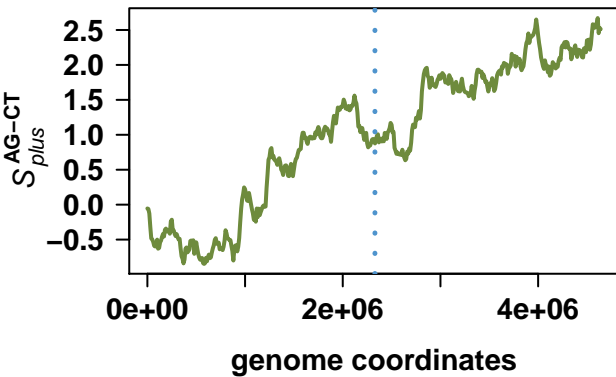
# Prochlorococcus marinus str. MIT 9313



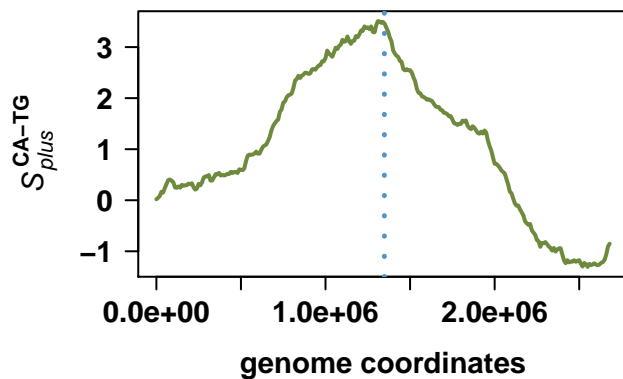
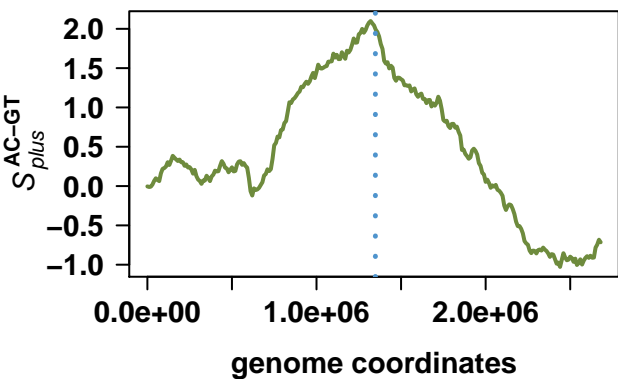
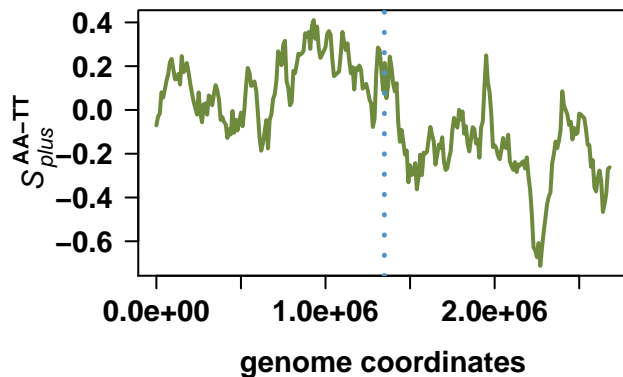
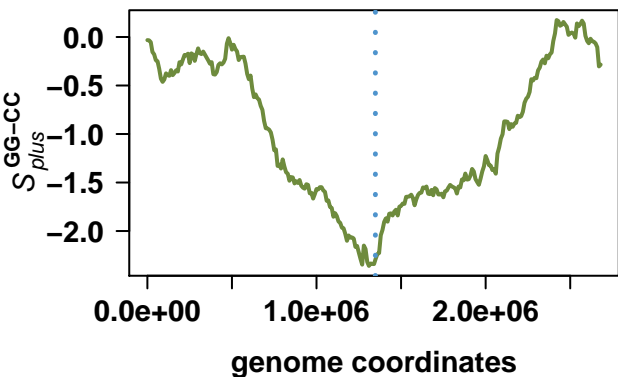
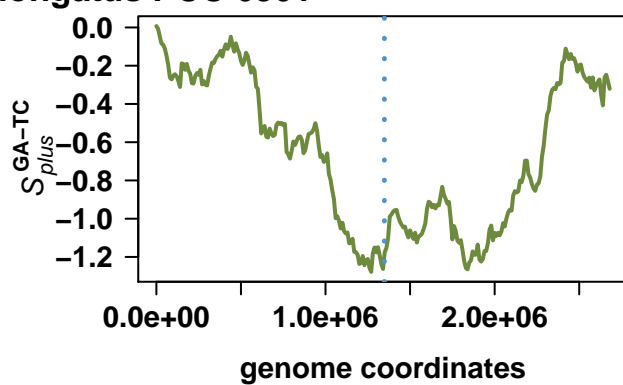
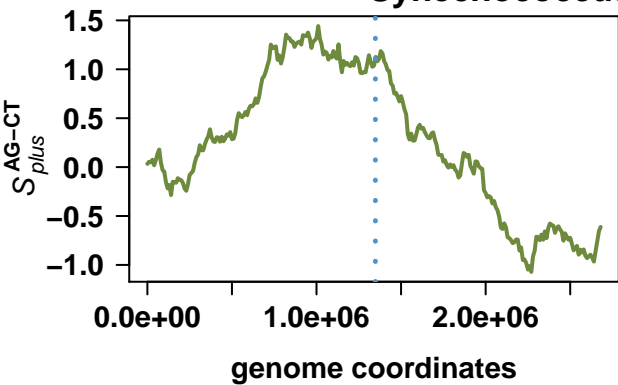
# Prochlorococcus marinus subsp. pastoris str. CCMP1986



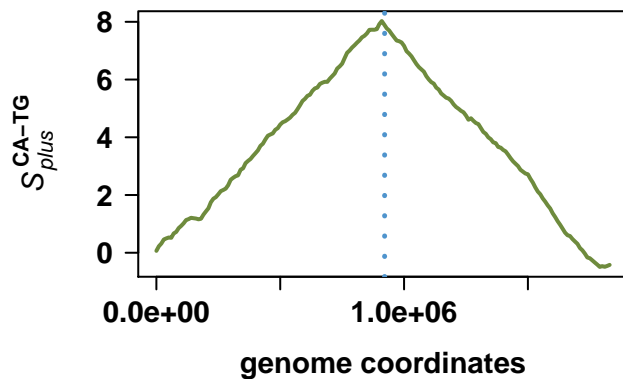
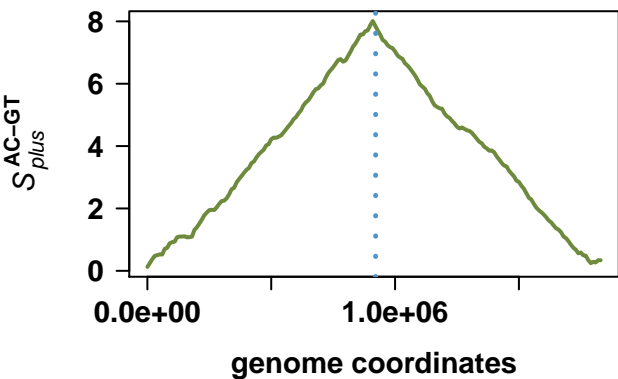
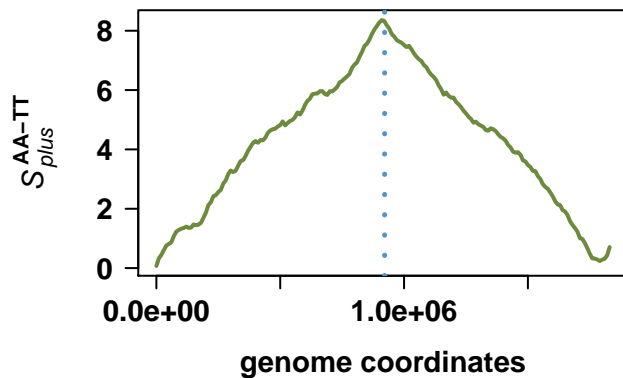
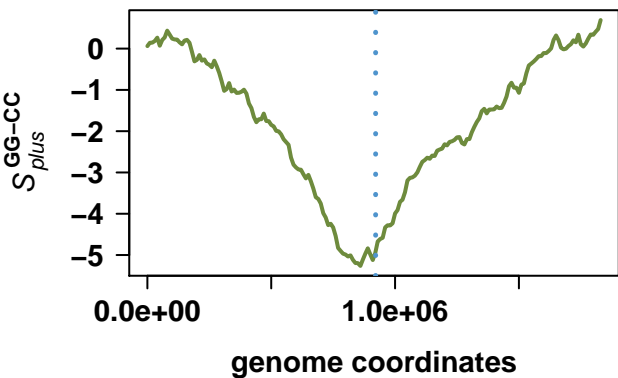
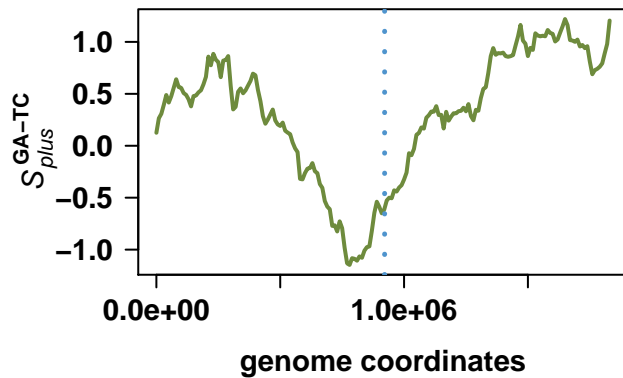
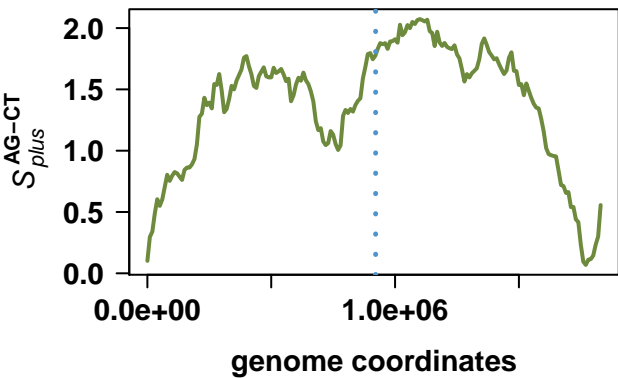
# Gloeobacter violaceus PCC 7421



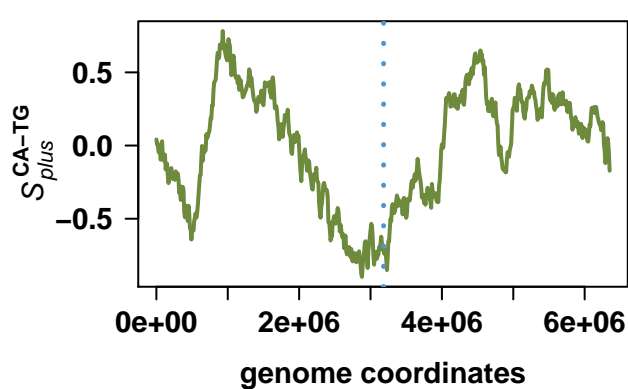
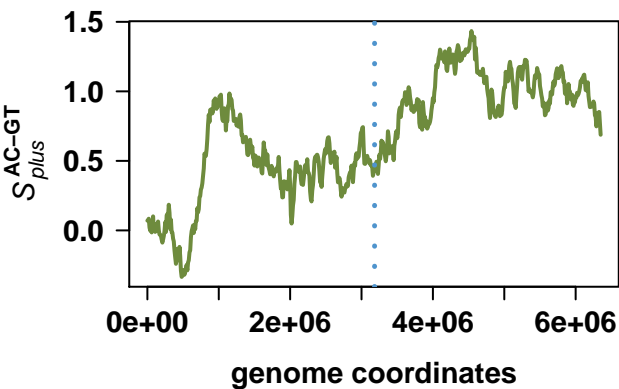
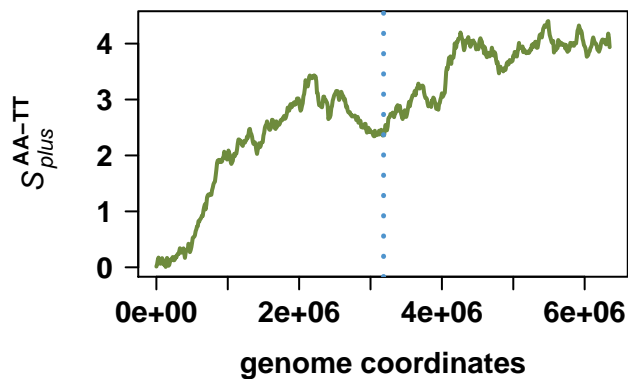
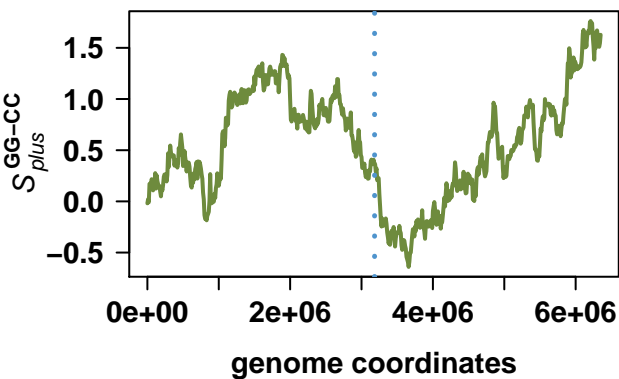
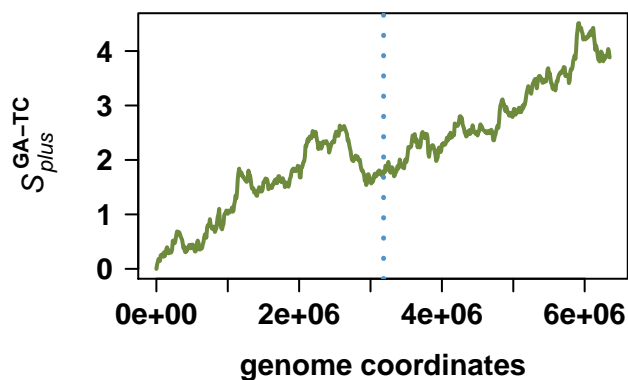
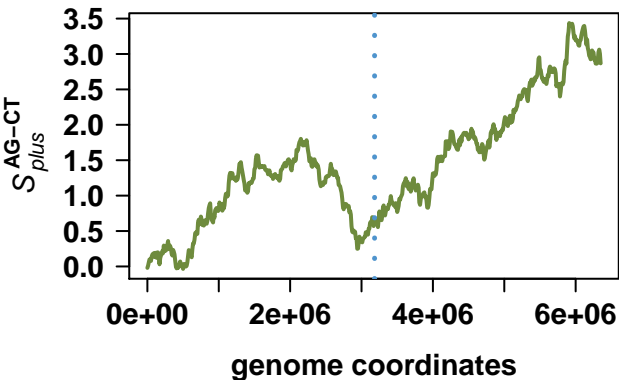
# Synechococcus elongatus PCC 6301



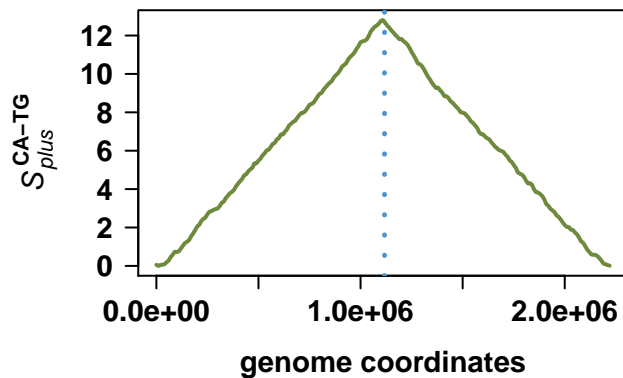
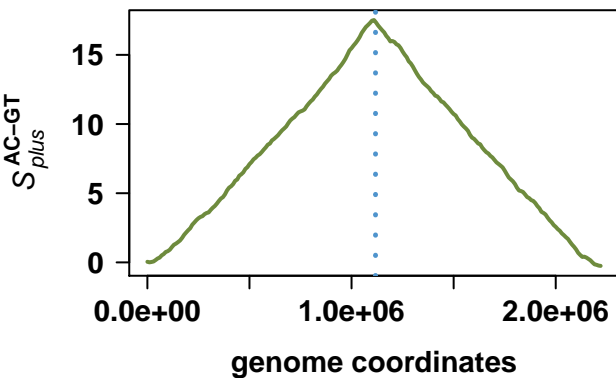
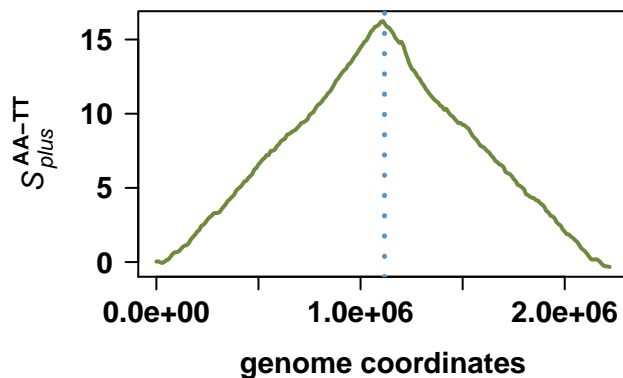
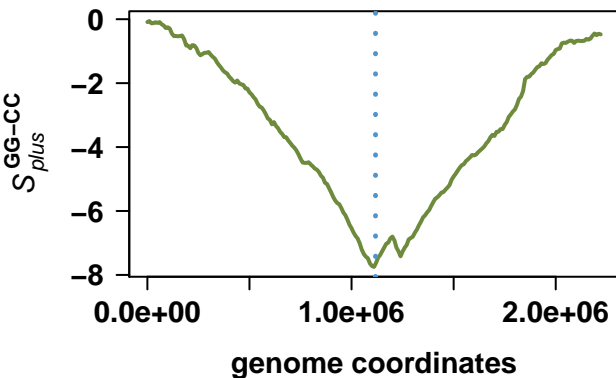
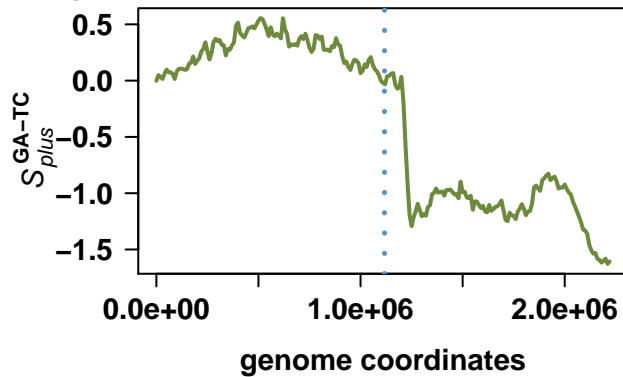
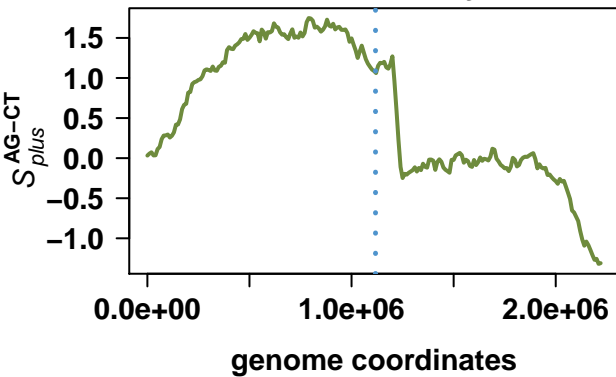
# Prochlorococcus marinus str. NATL2A



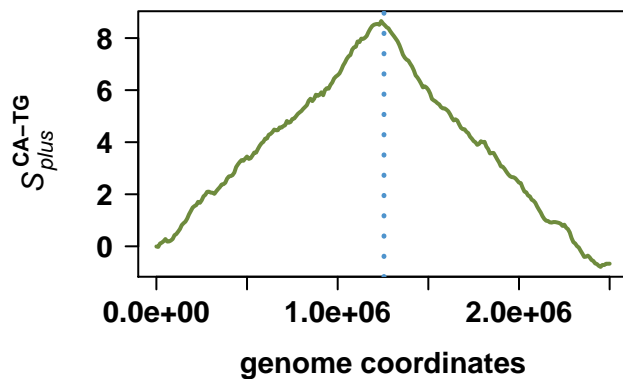
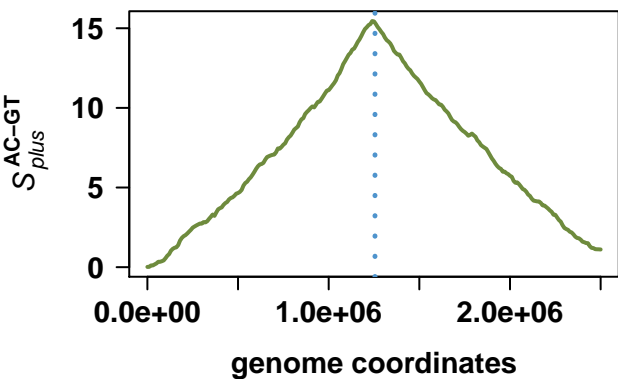
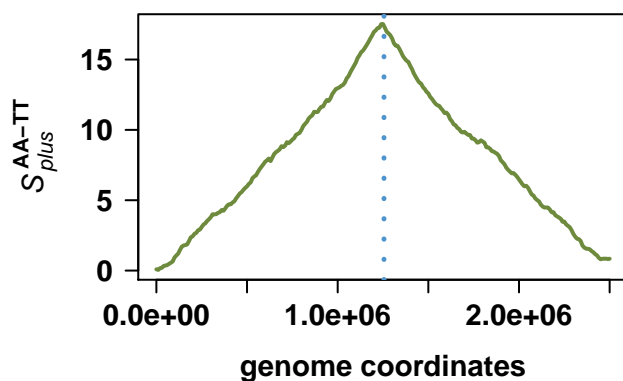
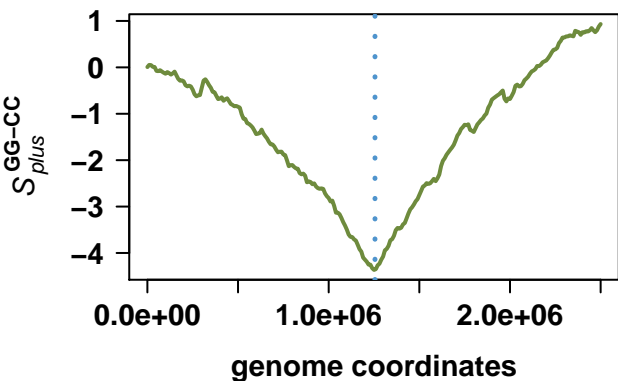
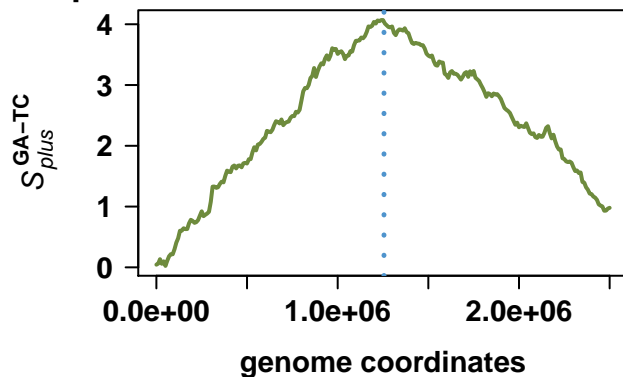
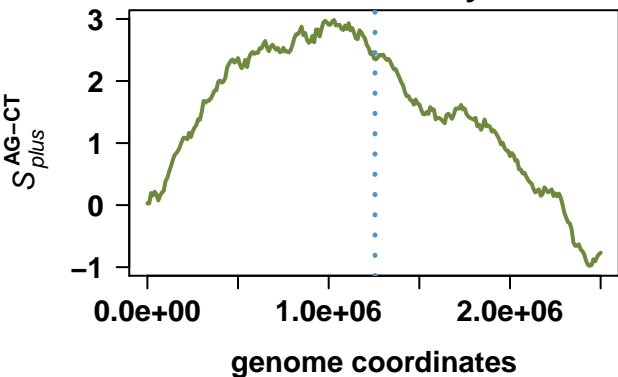
# Anabaena variabilis ATCC 29413



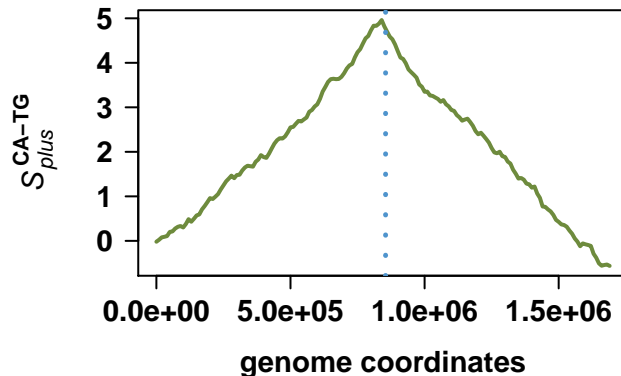
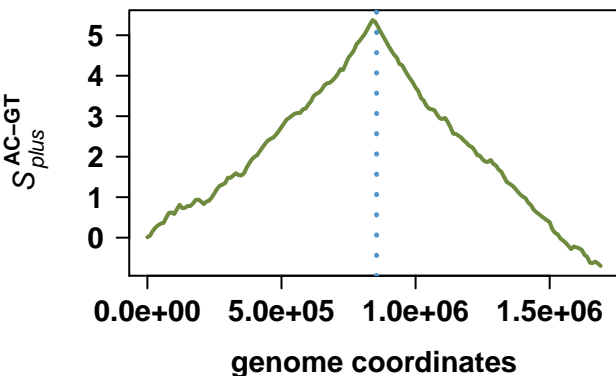
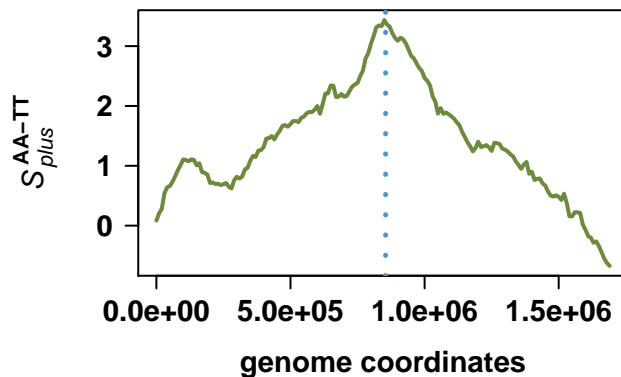
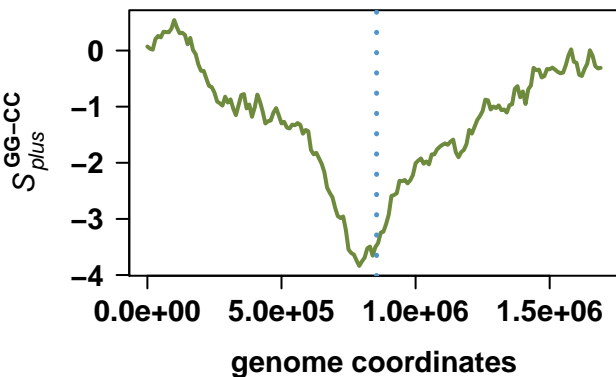
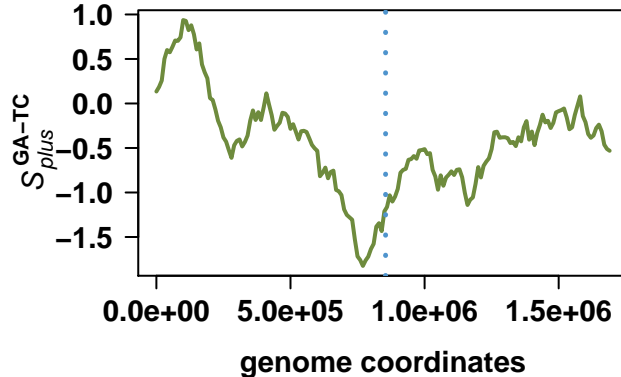
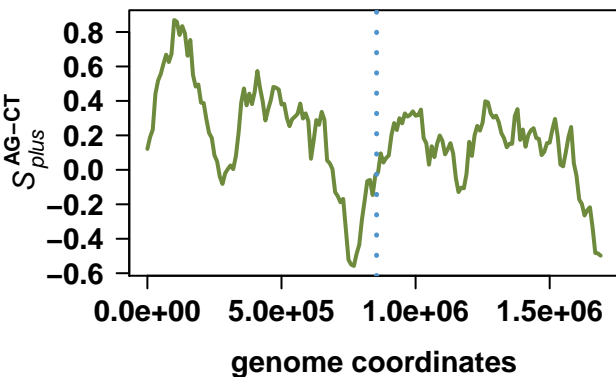
# Synechococcus sp. CC9902



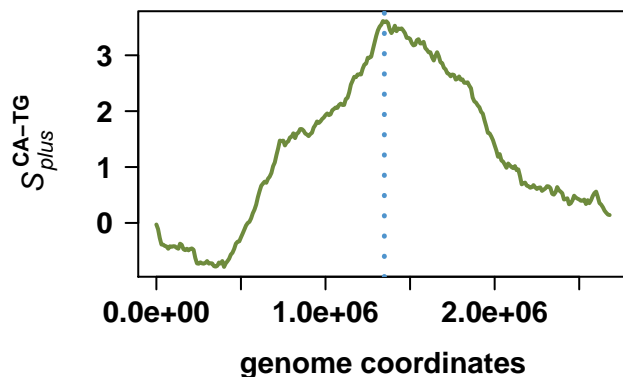
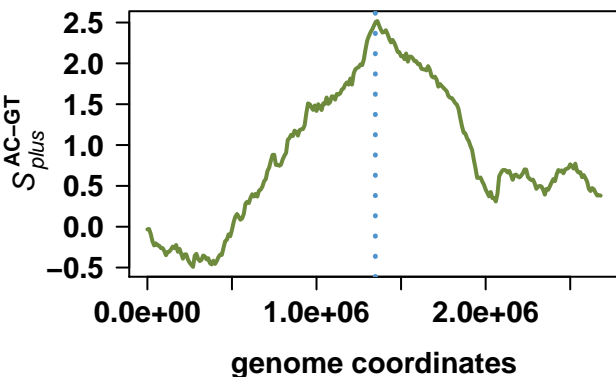
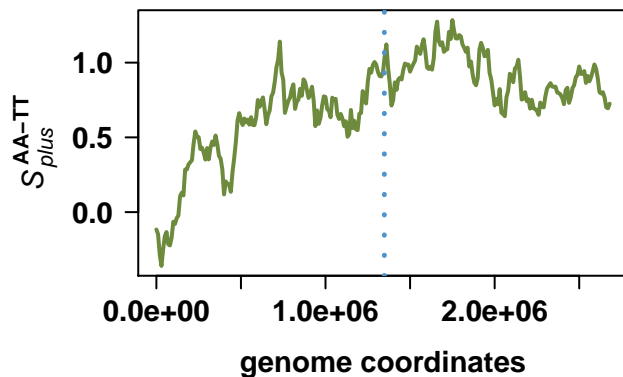
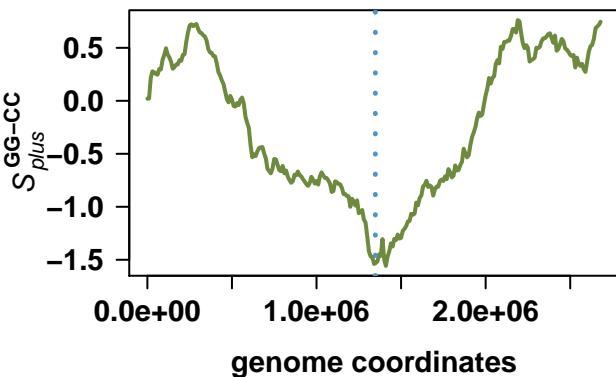
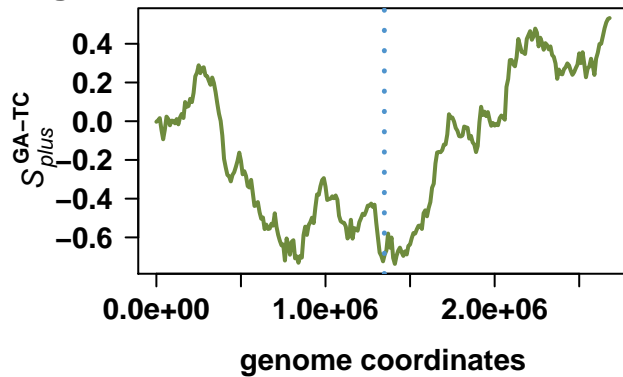
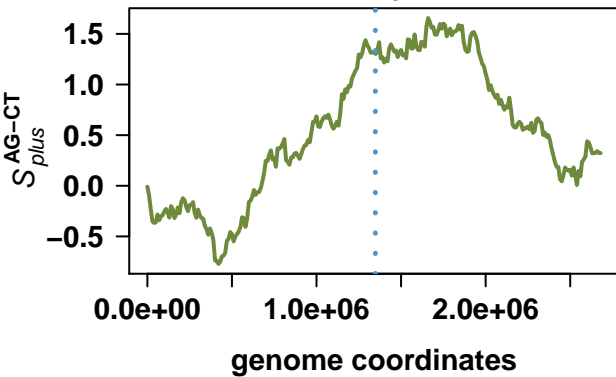
# Synechococcus sp. CC9605



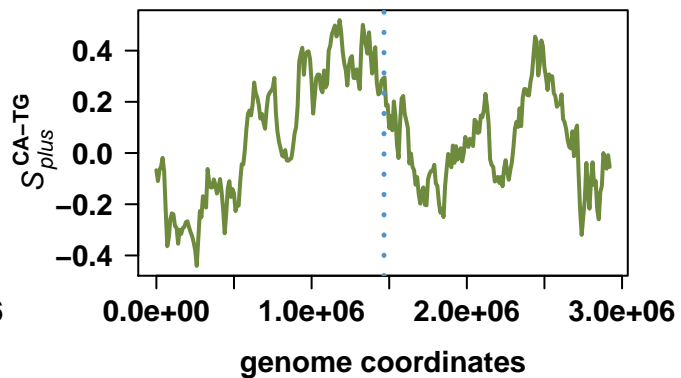
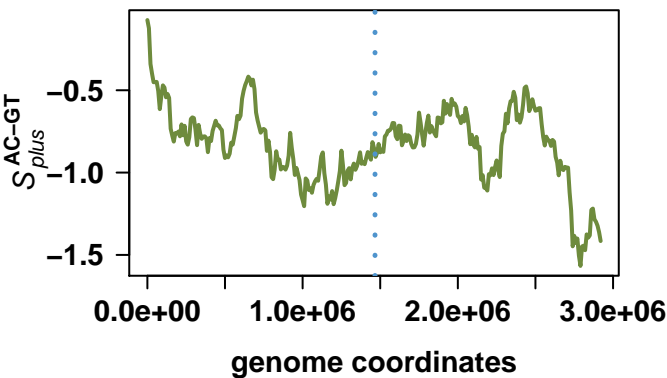
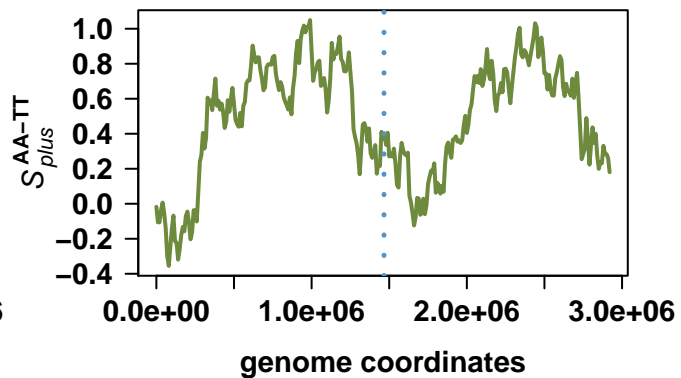
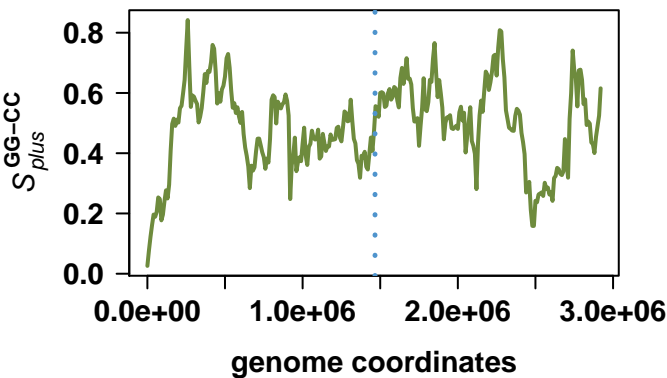
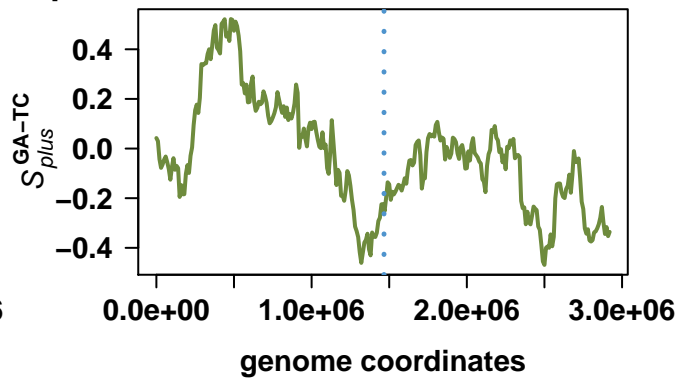
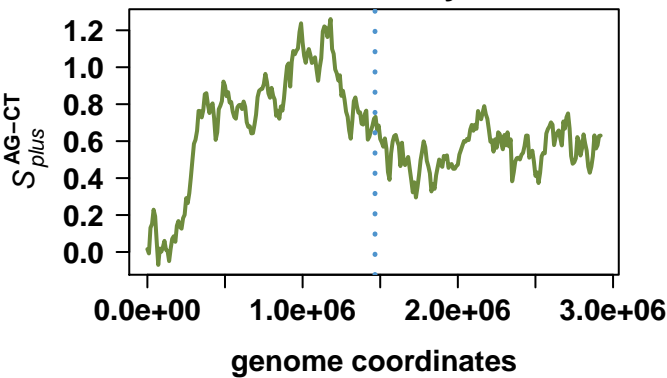
# Prochlorococcus marinus str. MIT 9312



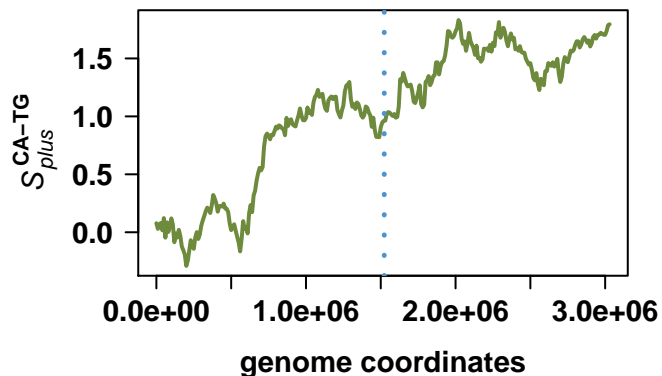
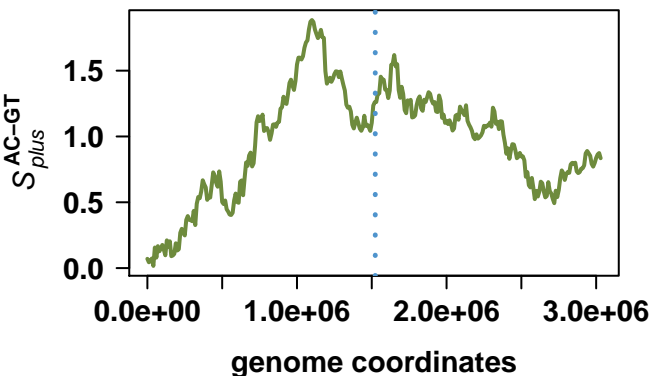
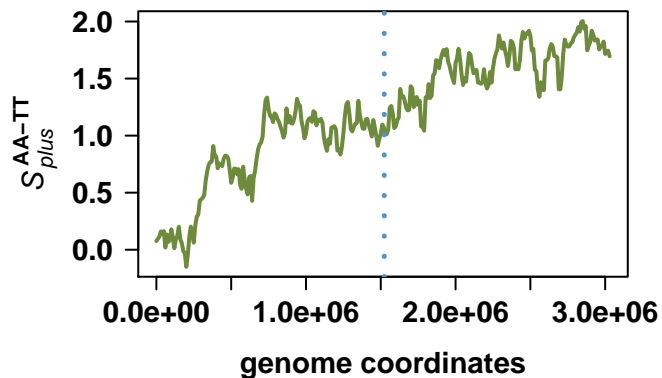
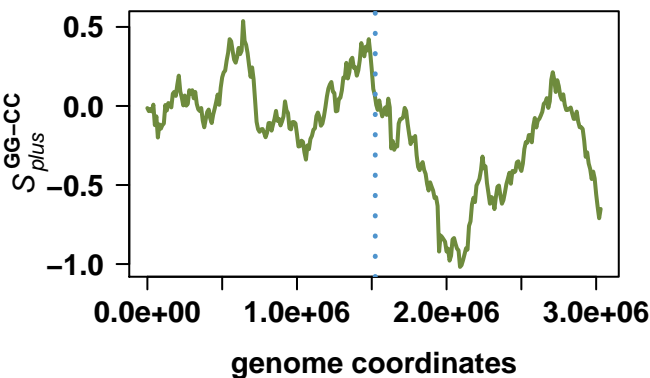
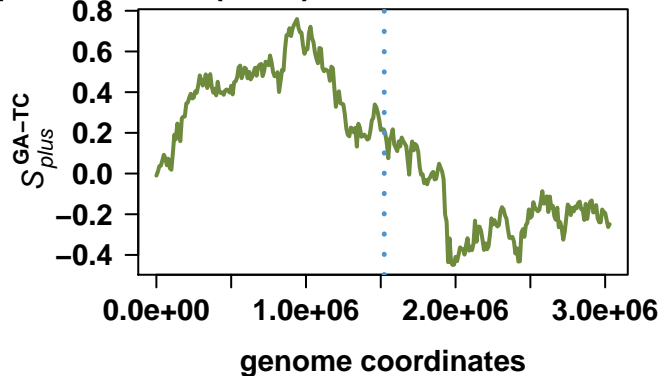
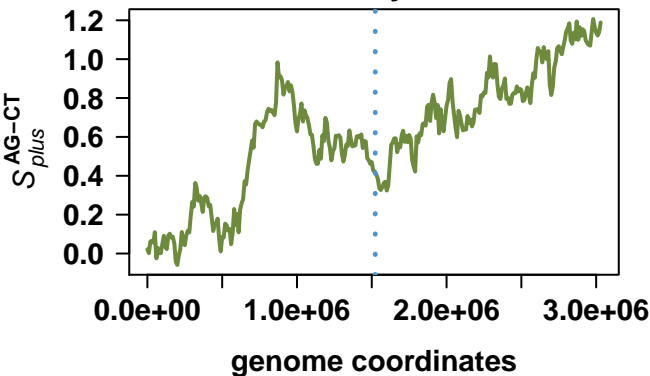
# Synechococcus elongatus PCC 7942



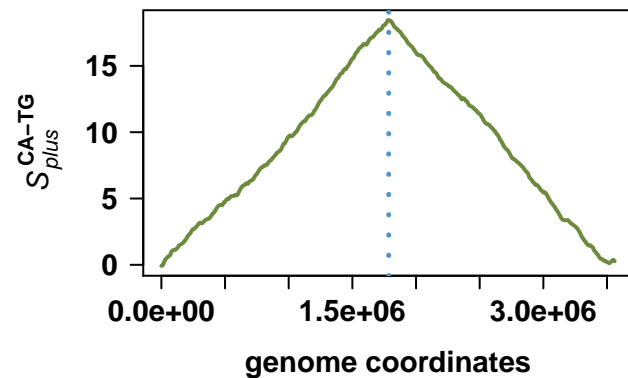
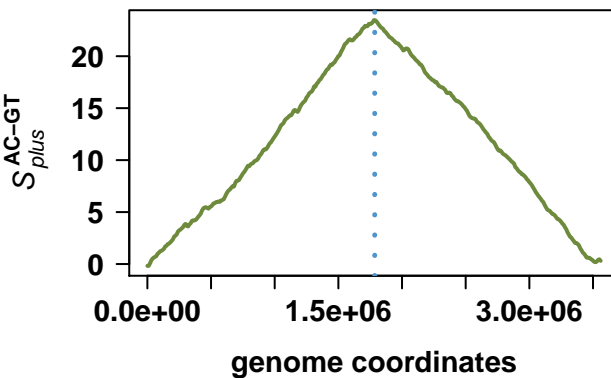
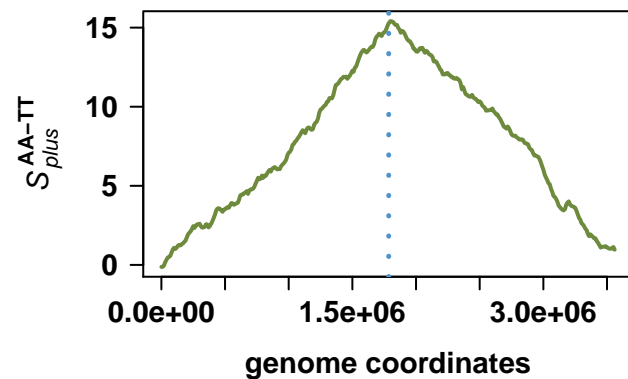
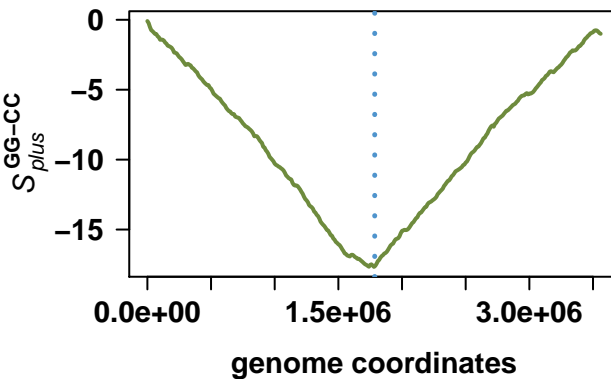
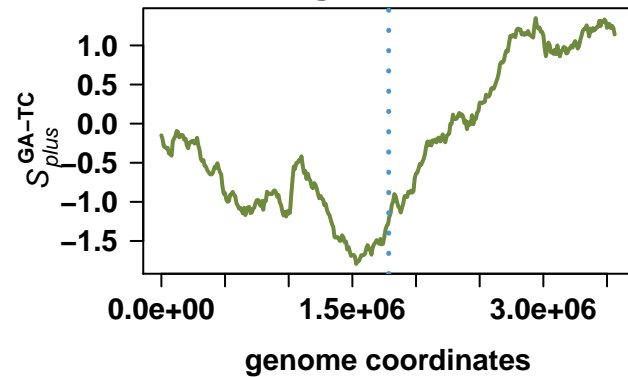
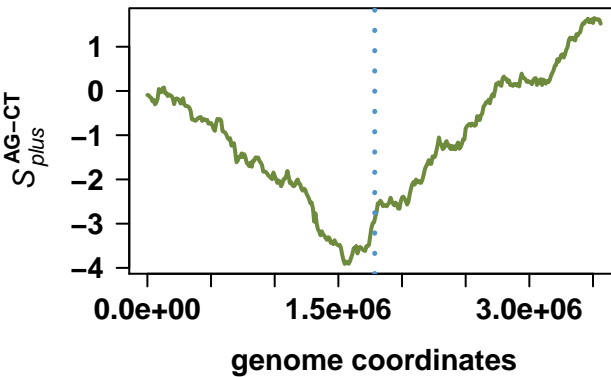
# Synechococcus sp. JA-3-3Ab



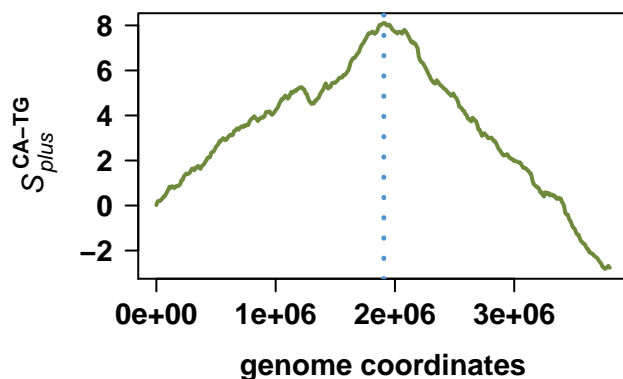
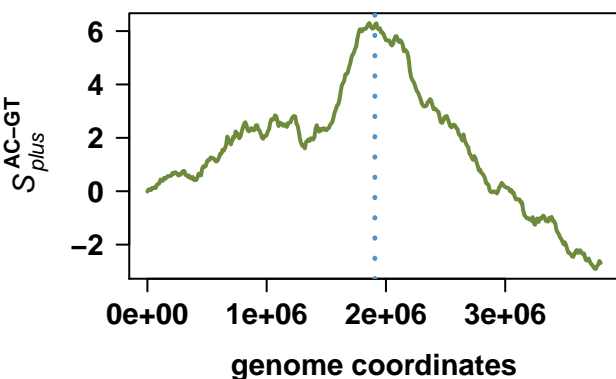
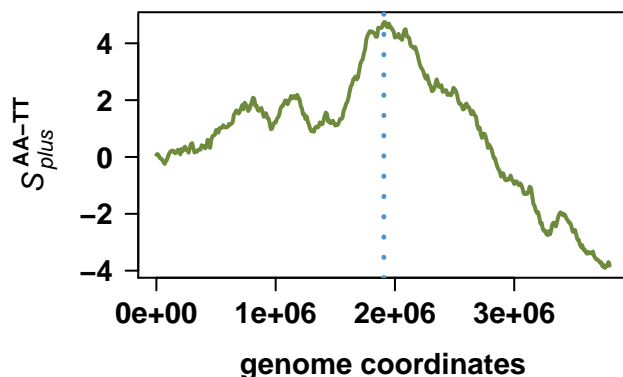
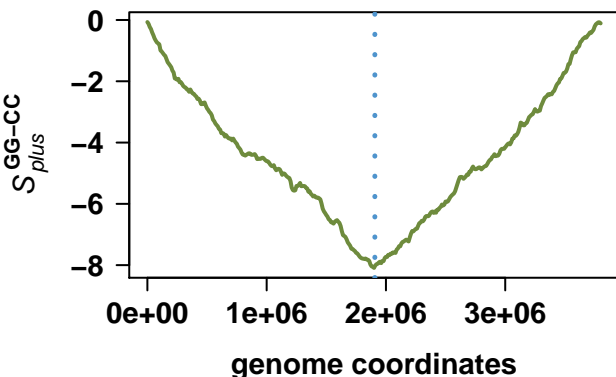
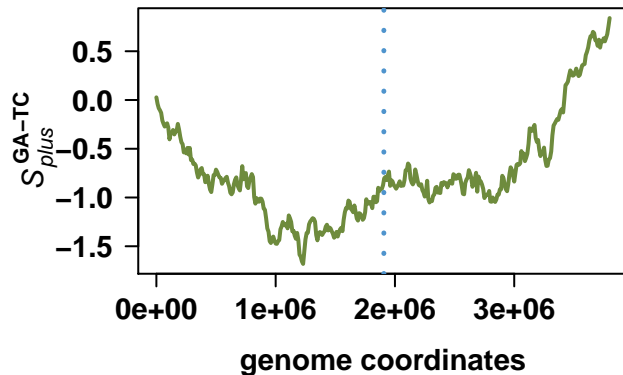
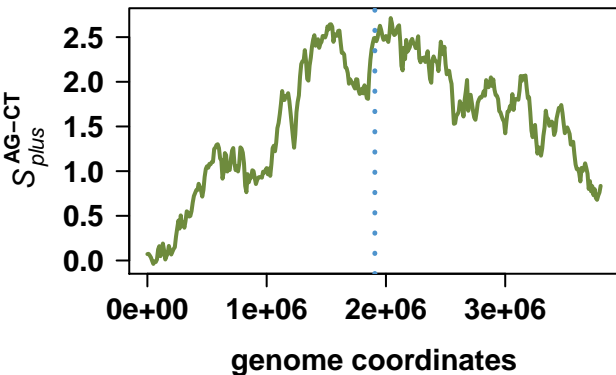
# Synechococcus sp. JA-2-3B'a(2-13)



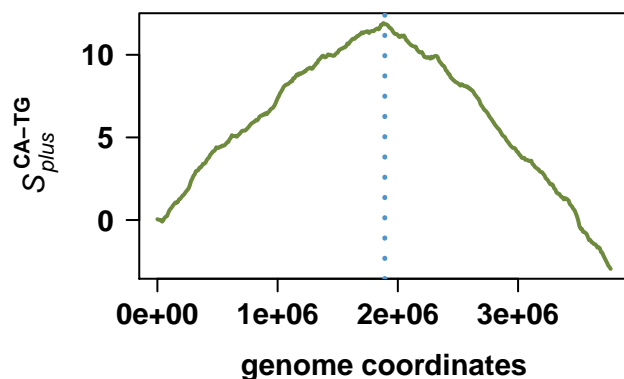
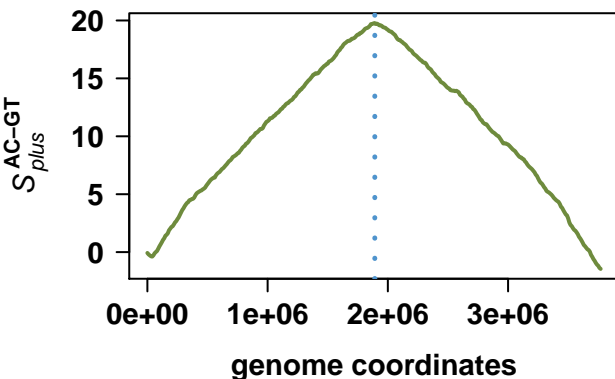
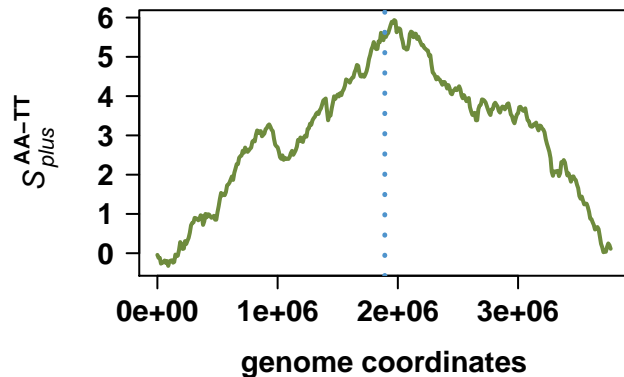
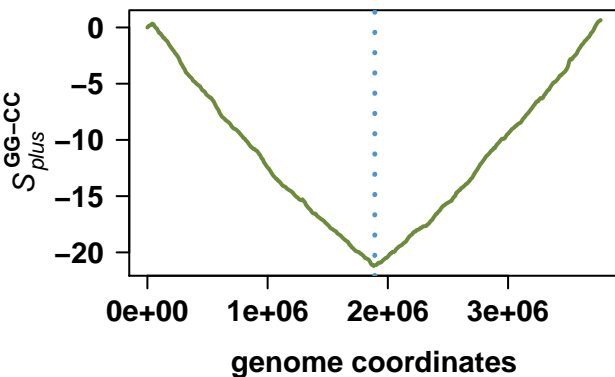
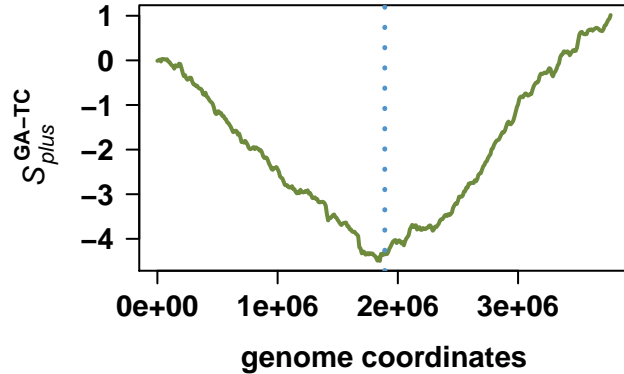
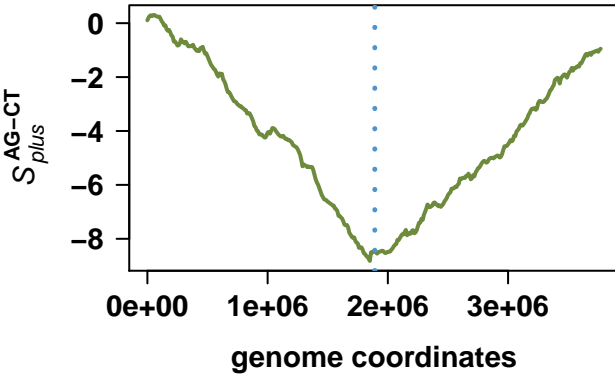
# Desulfovibrio vulgaris str. Hildenborough



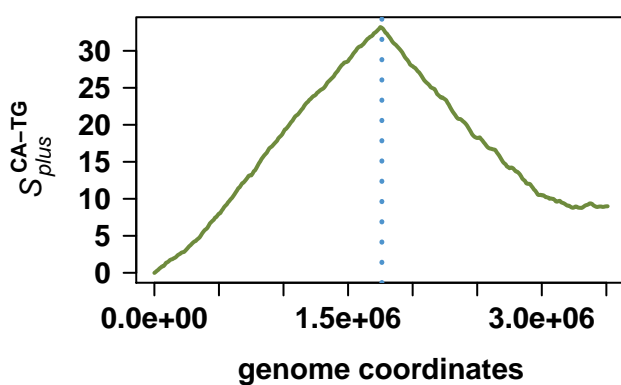
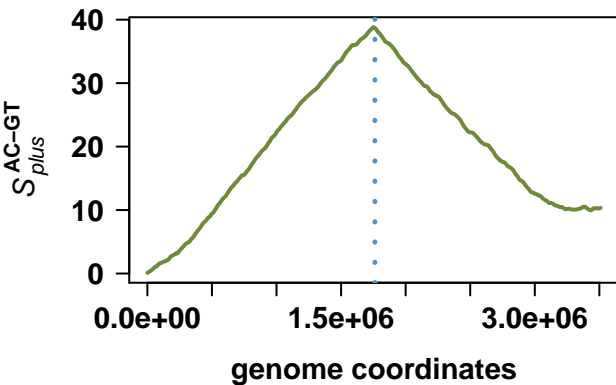
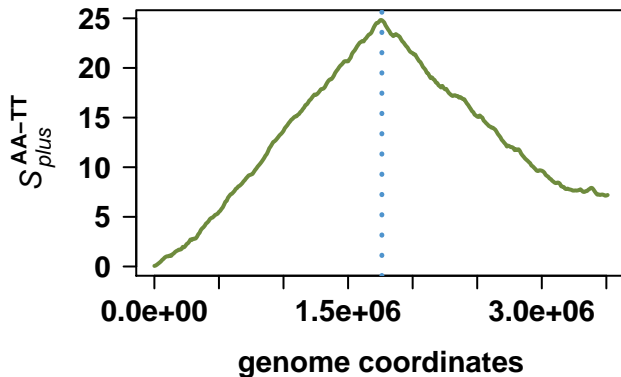
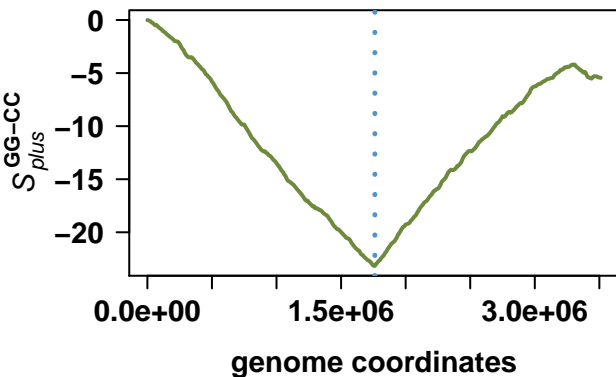
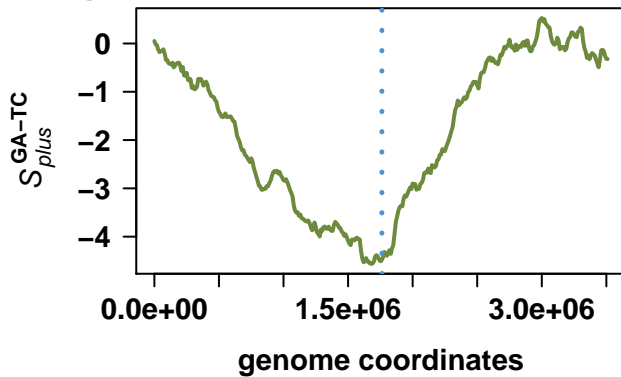
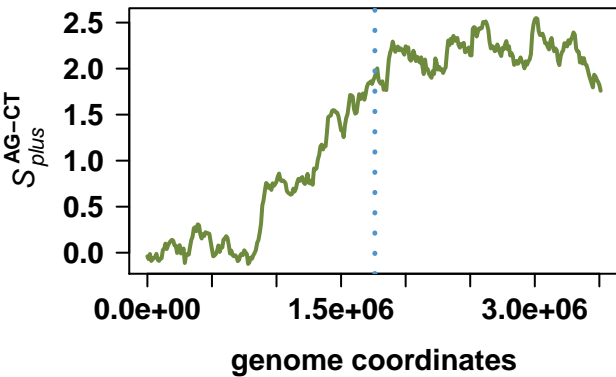
# Geobacter sulfurreducens PCA



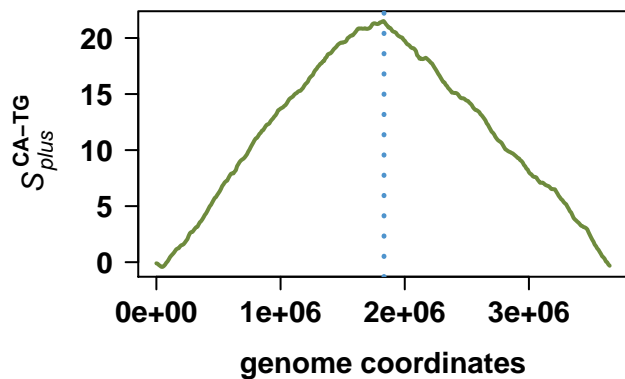
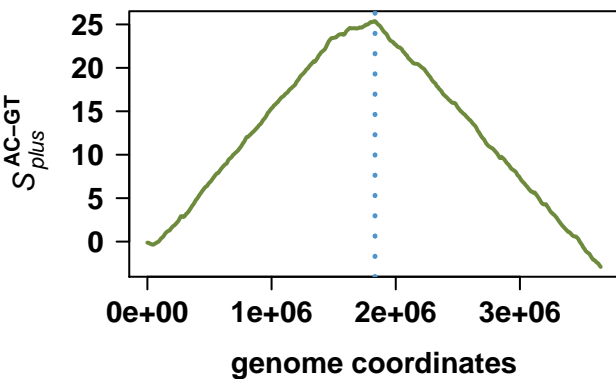
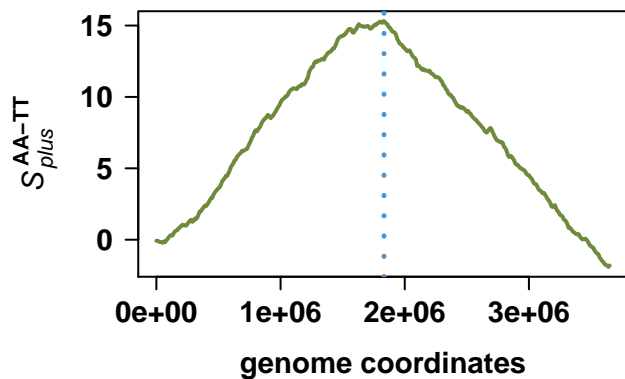
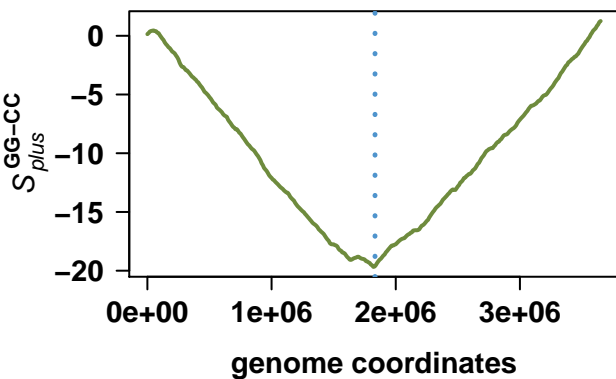
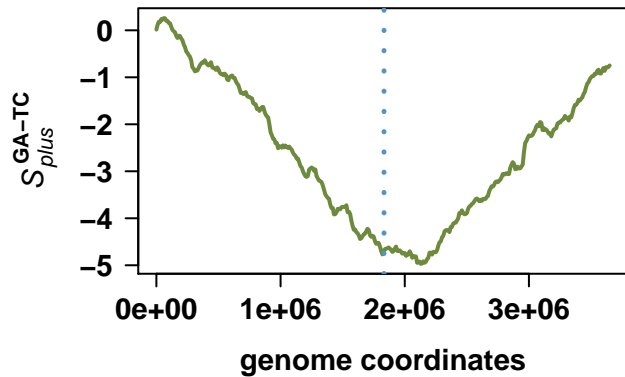
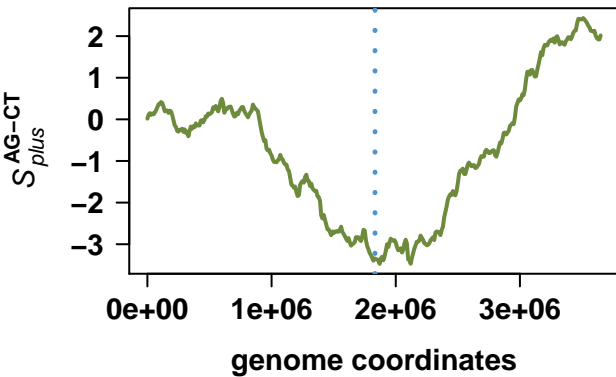
# Bdellovibrio bacteriovorus HD100



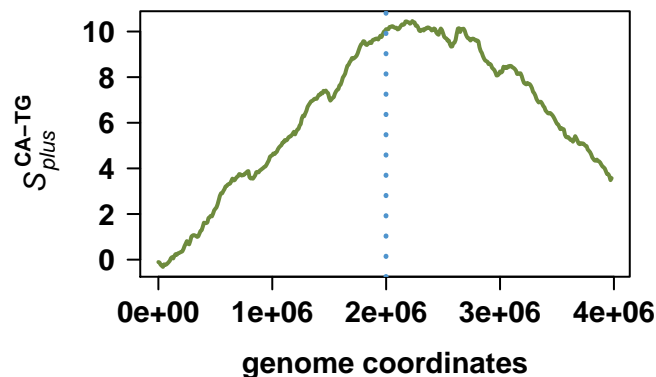
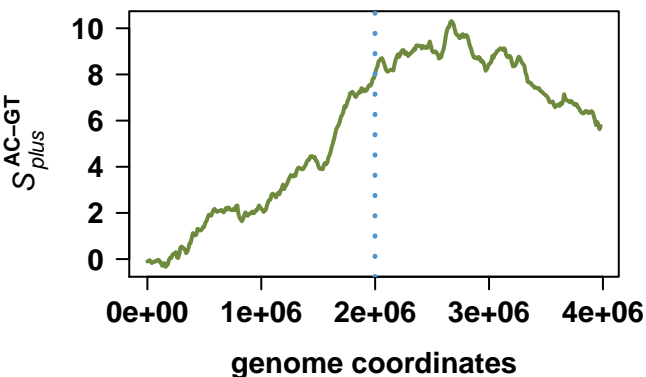
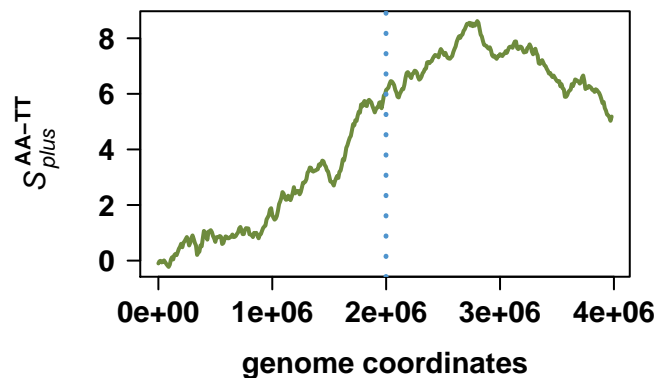
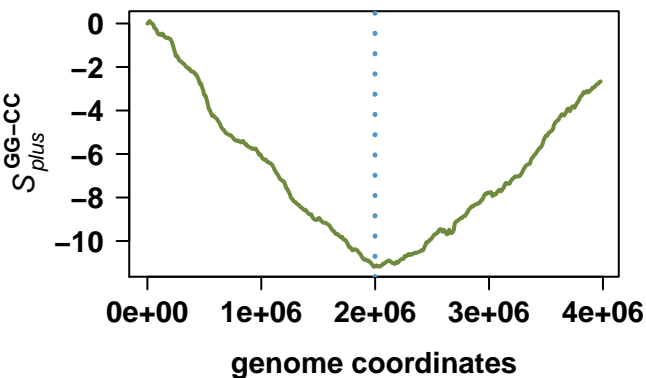
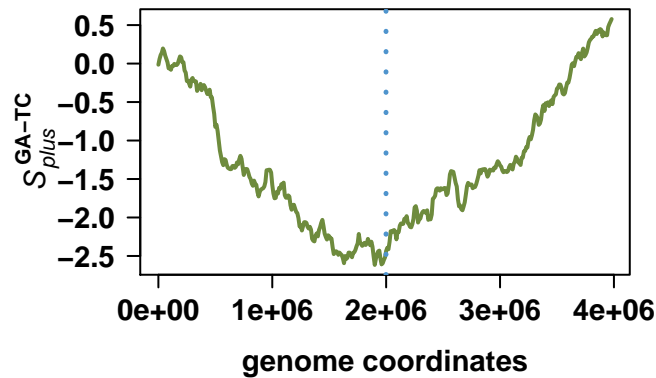
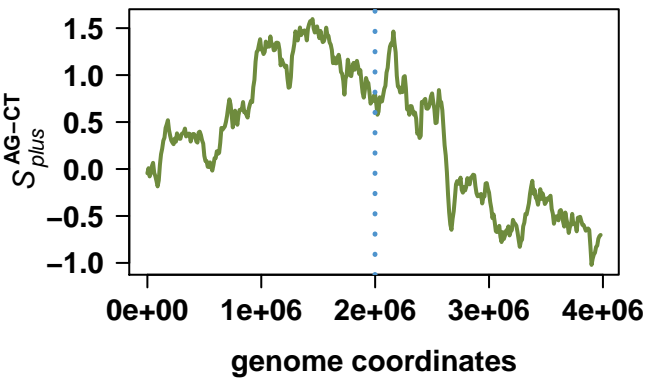
# Desulfotalea psychrophila LSv54



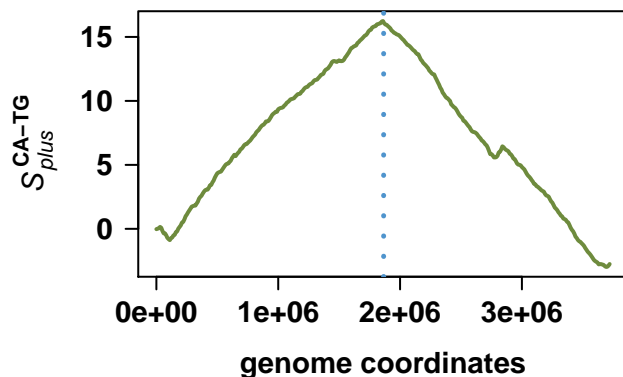
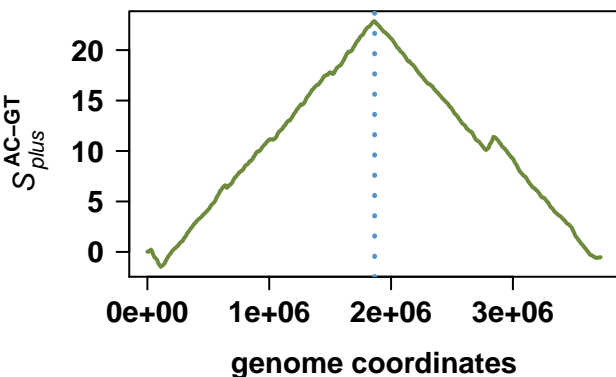
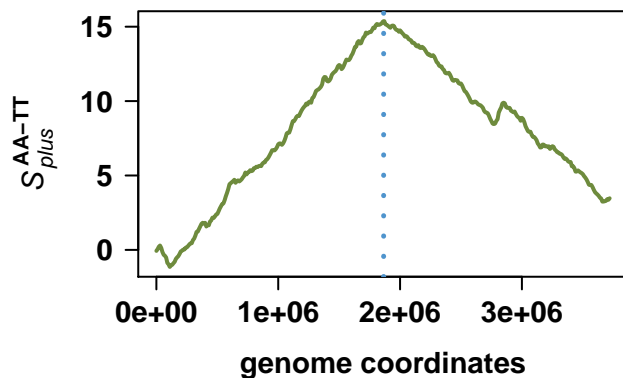
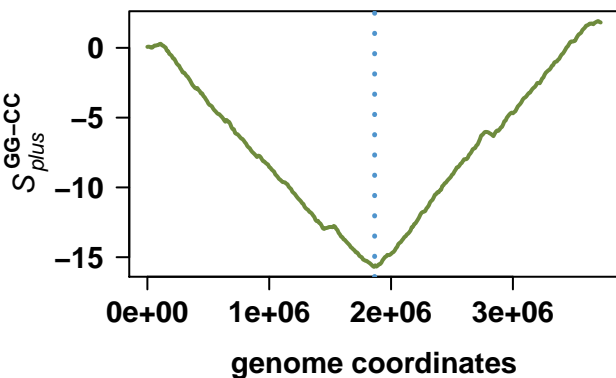
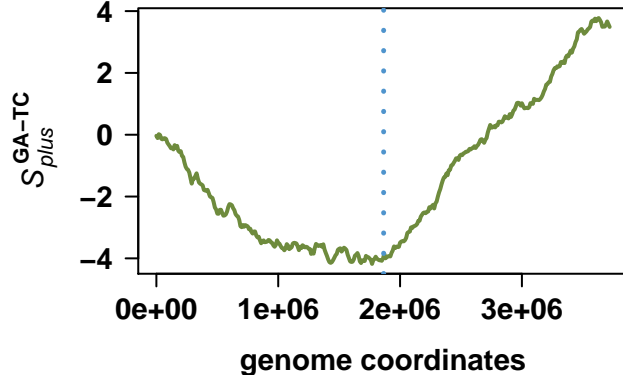
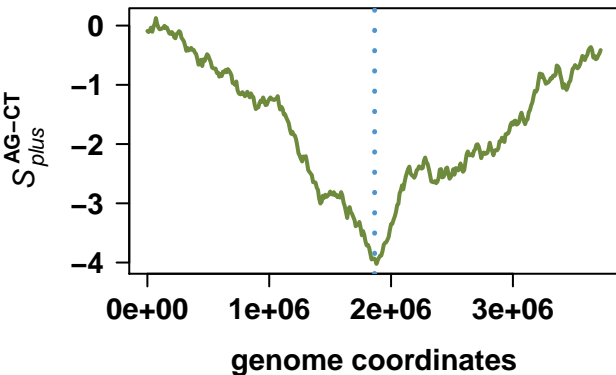
# Pelobacter carbinolicus DSM 2380



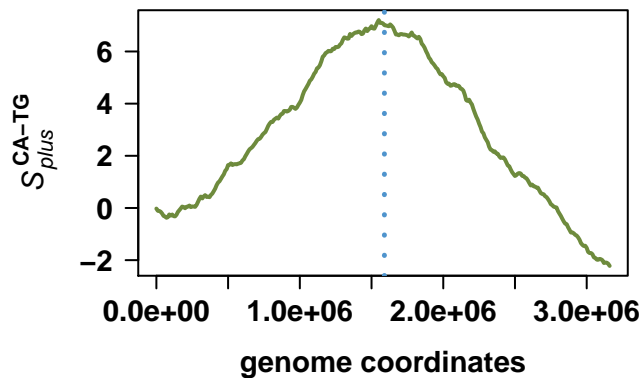
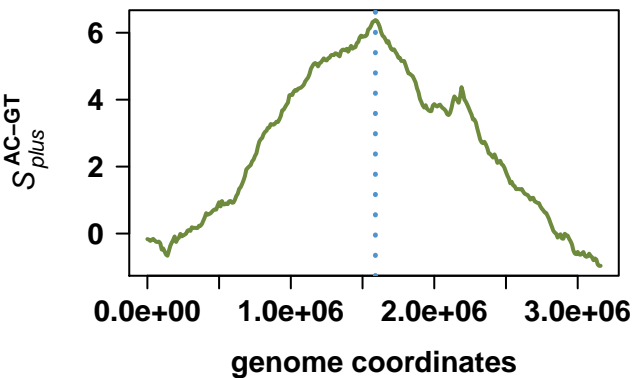
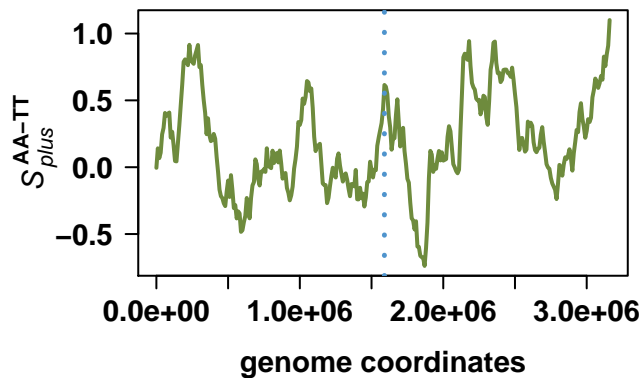
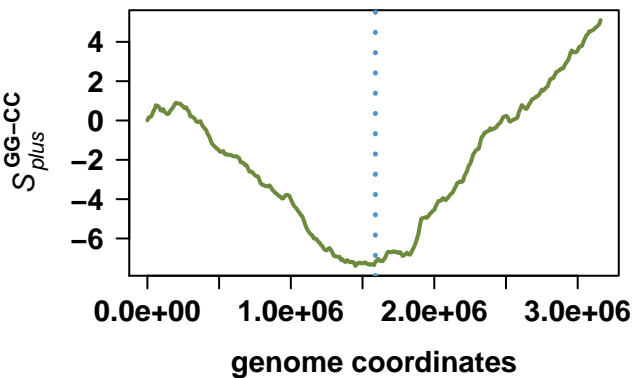
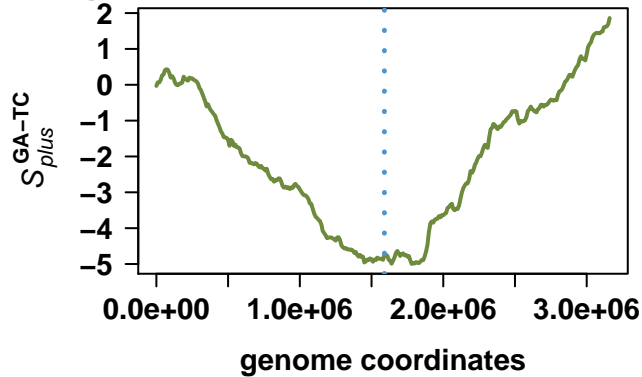
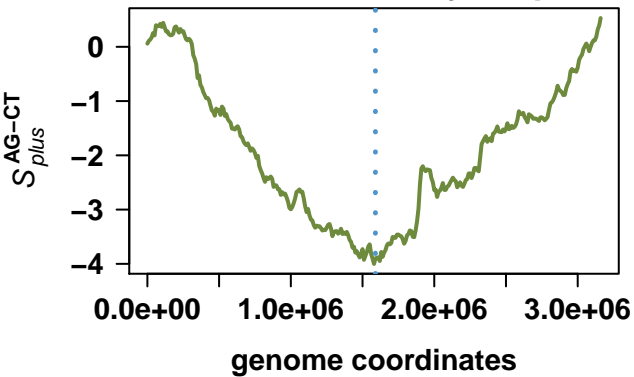
# Geobacter metallireducens GS-15



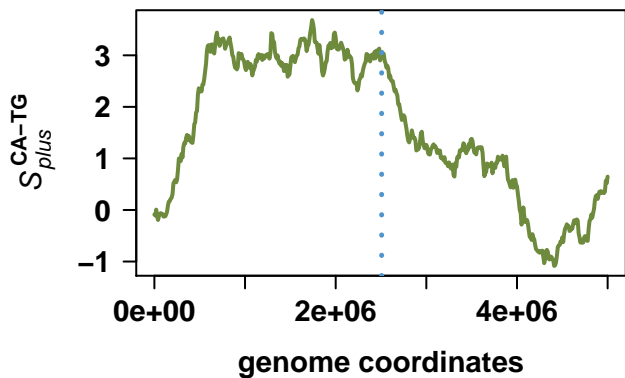
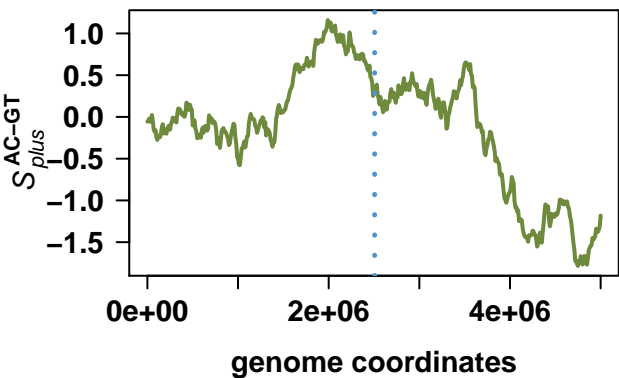
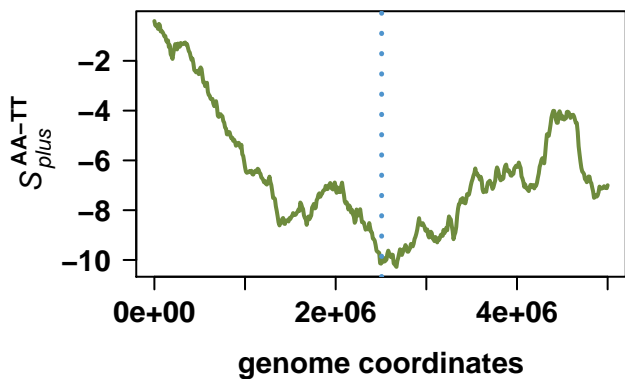
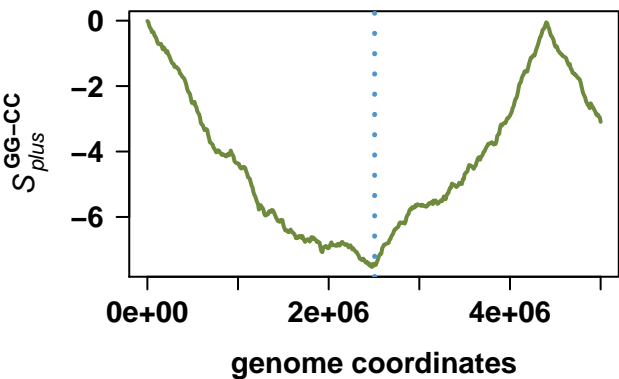
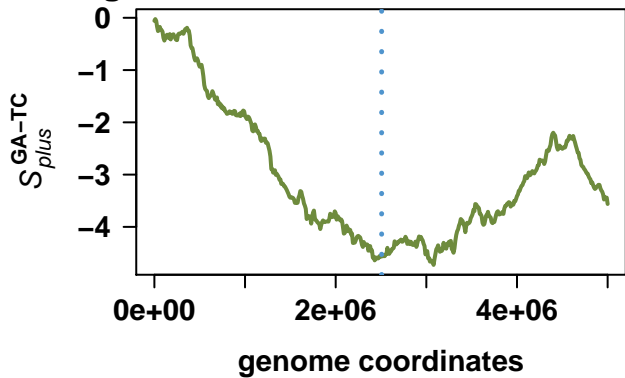
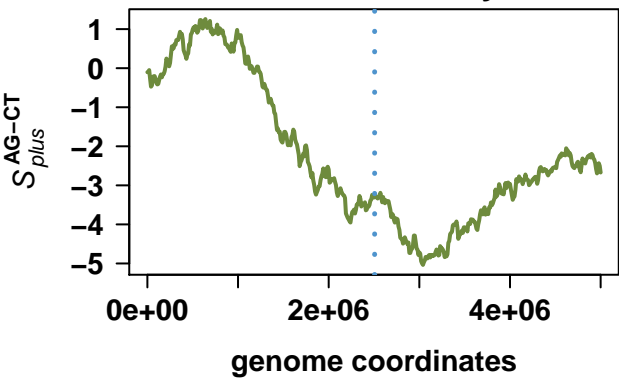
# Desulfovibrio alaskensis G20



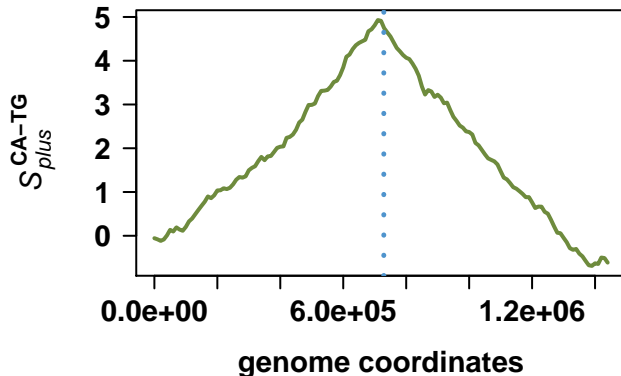
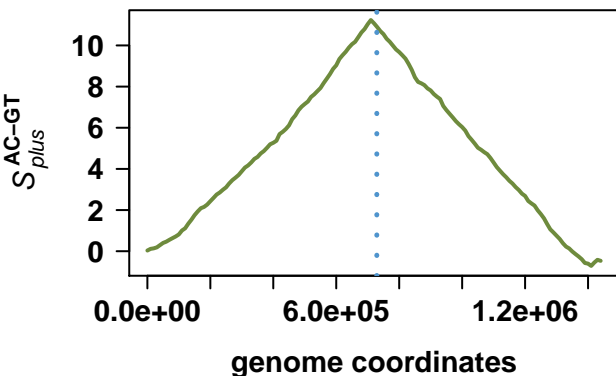
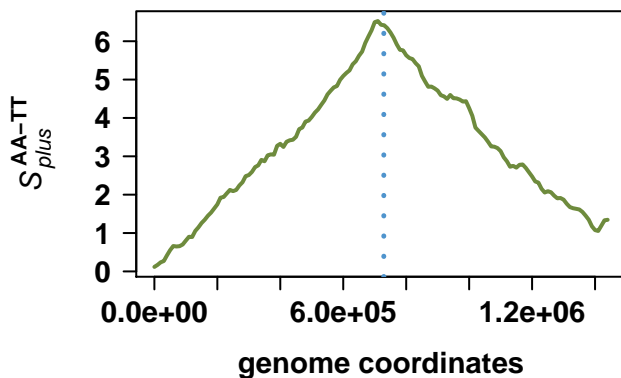
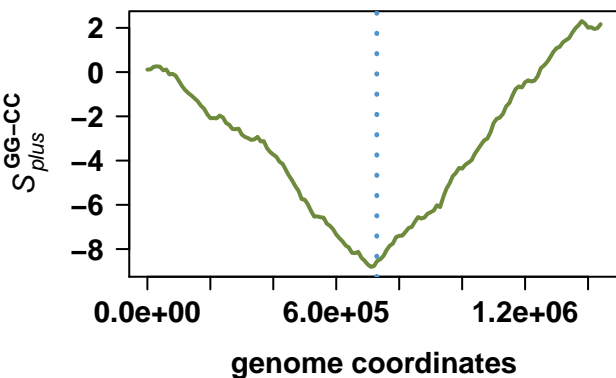
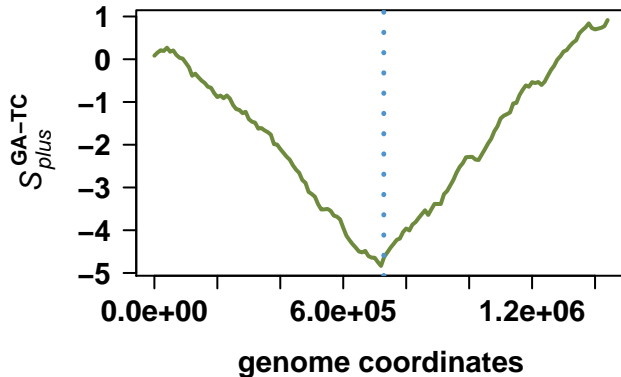
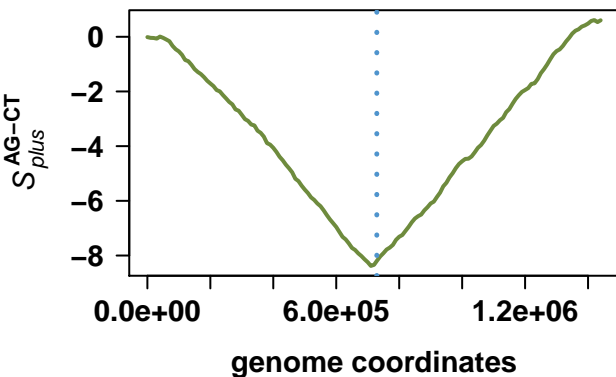
# Syntrophus aciditrophicus SB



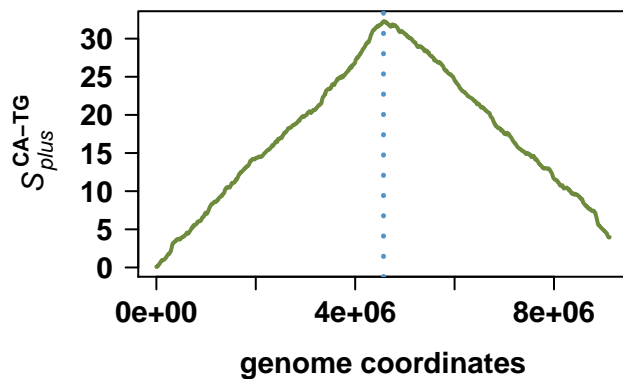
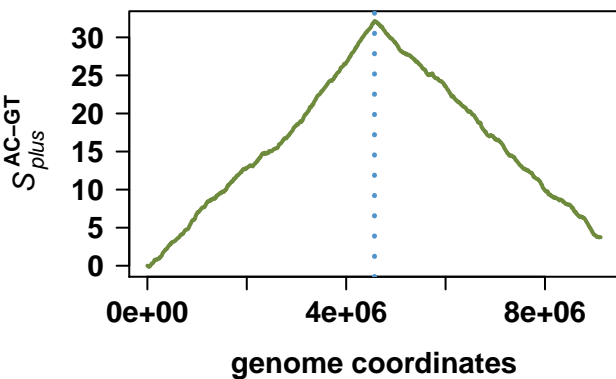
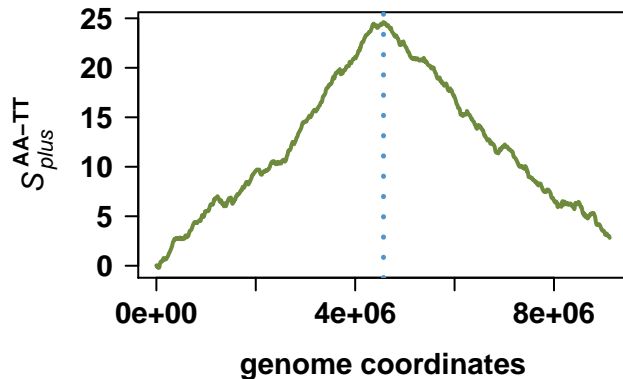
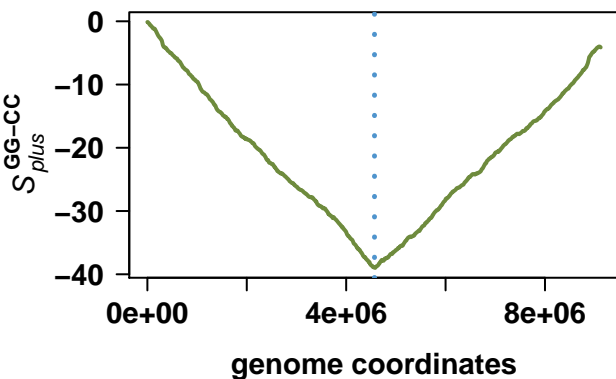
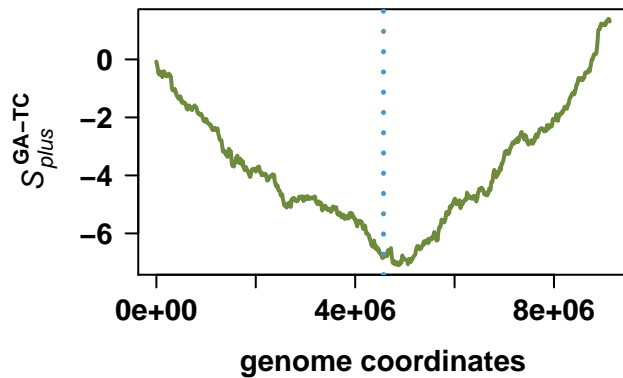
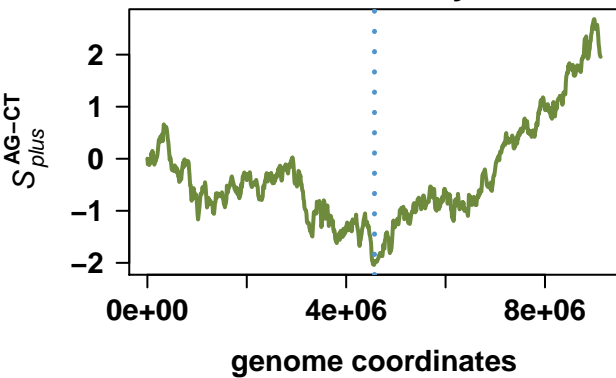
# Anaeromyxobacter dehalogenans 2CP-C



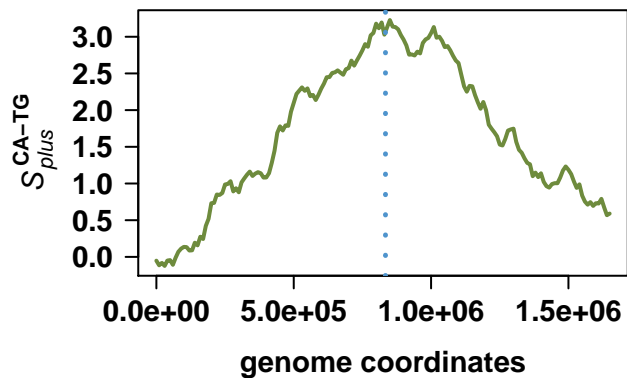
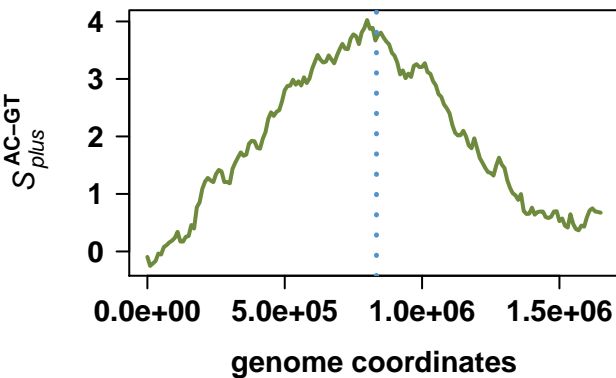
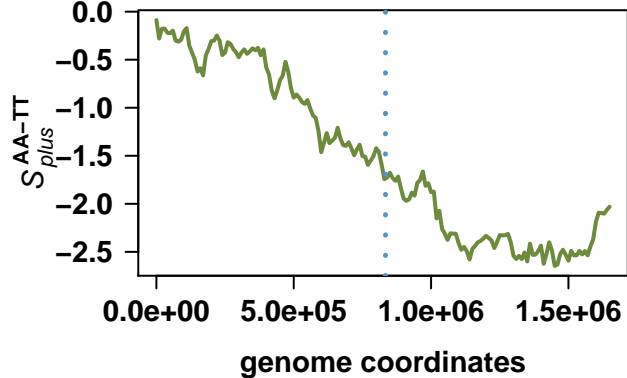
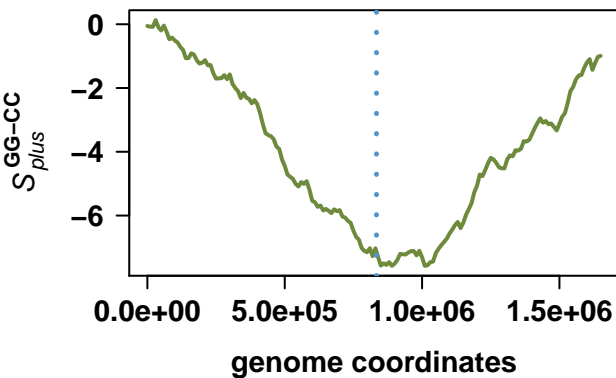
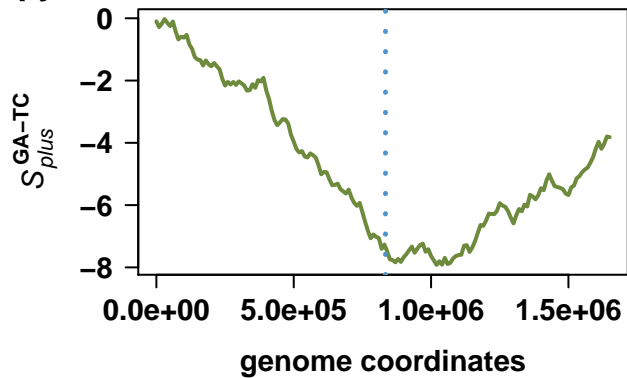
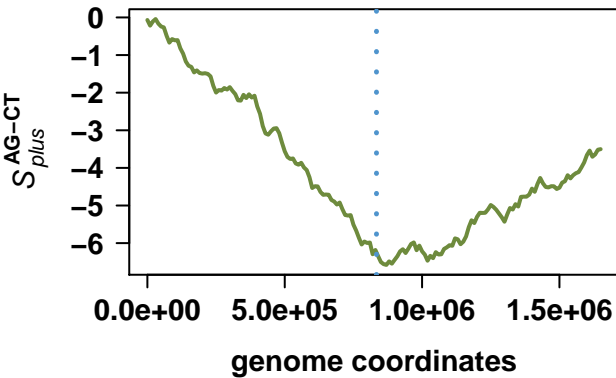
# Lawsonia intracellularis PHE/MN1-00



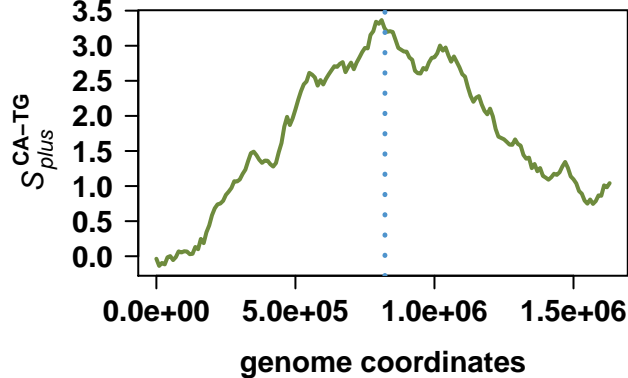
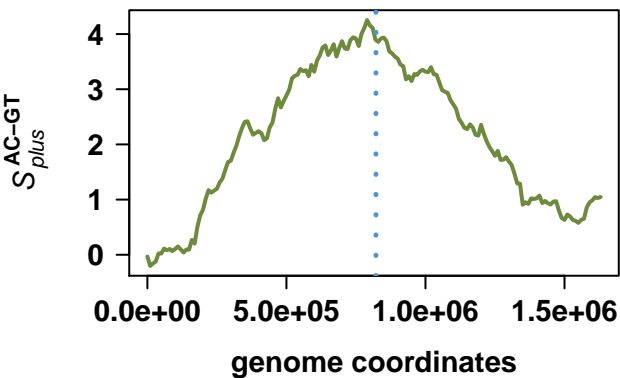
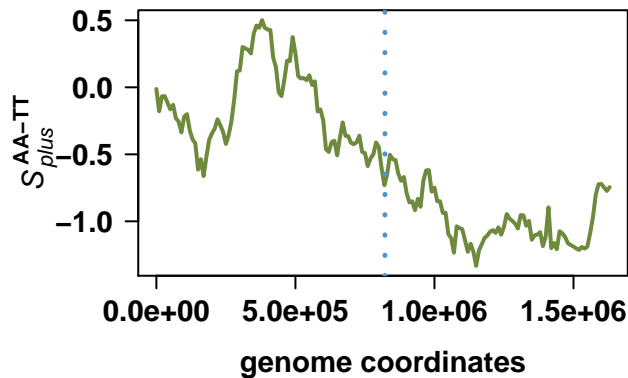
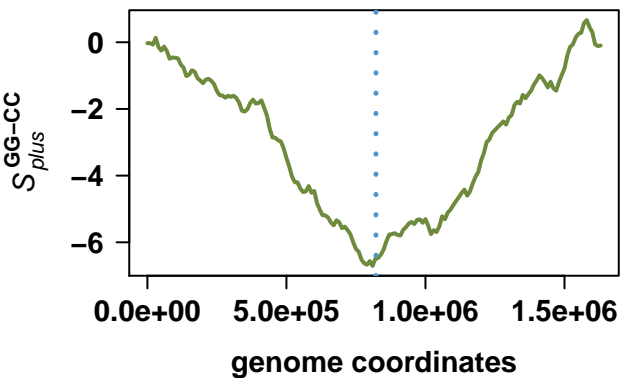
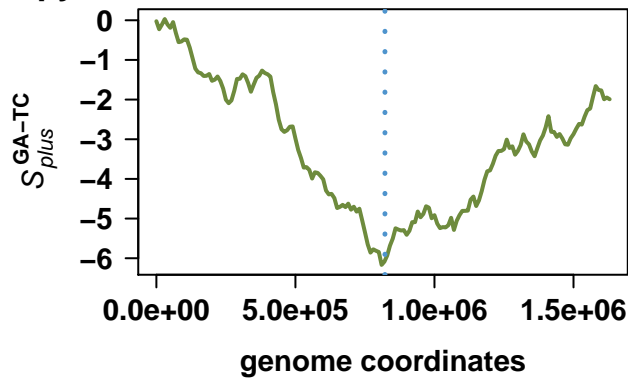
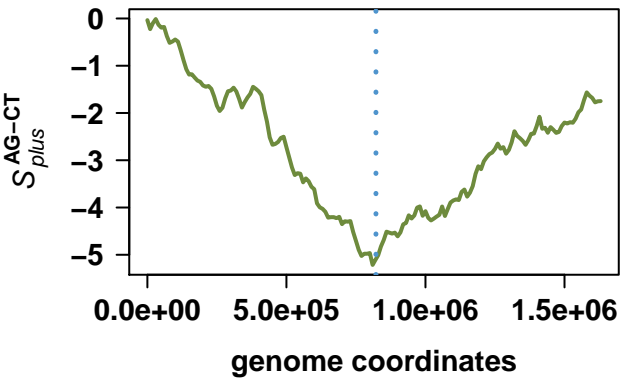
# Myxococcus xanthus DK 1622



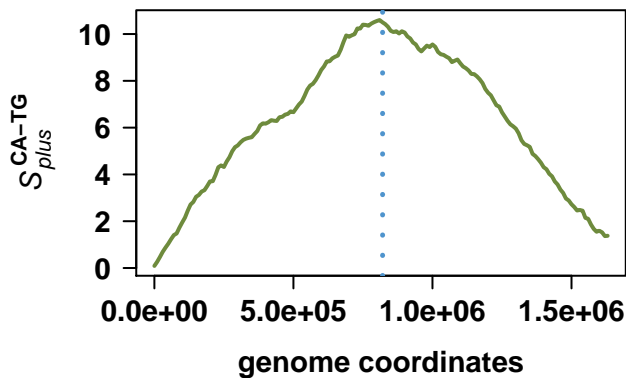
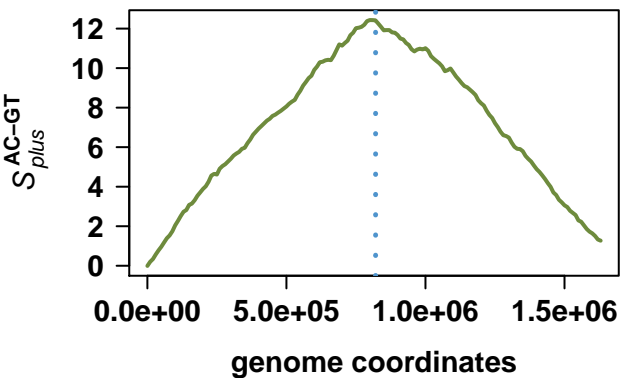
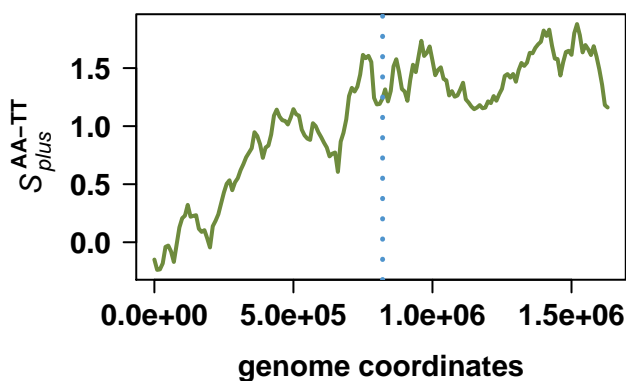
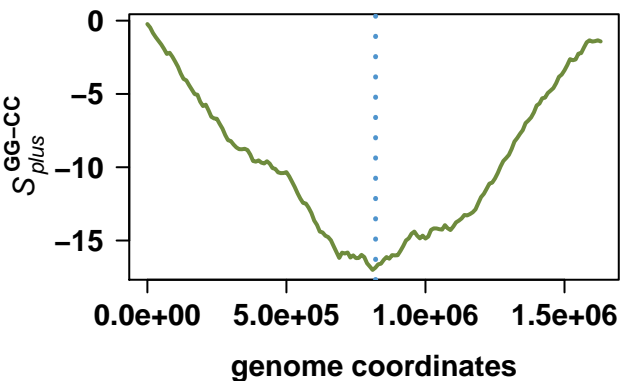
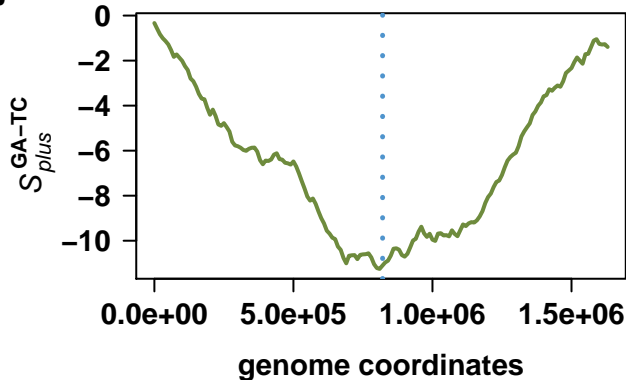
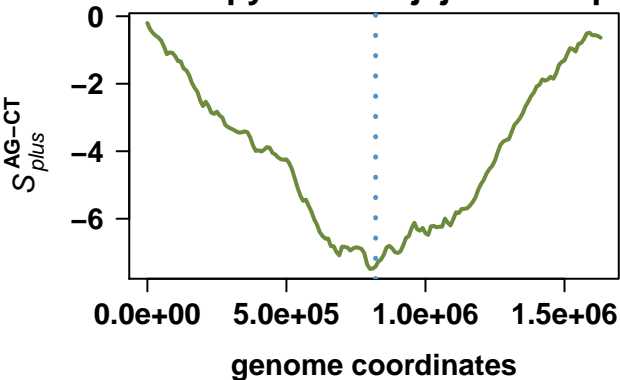
# Helicobacter pylori 26695



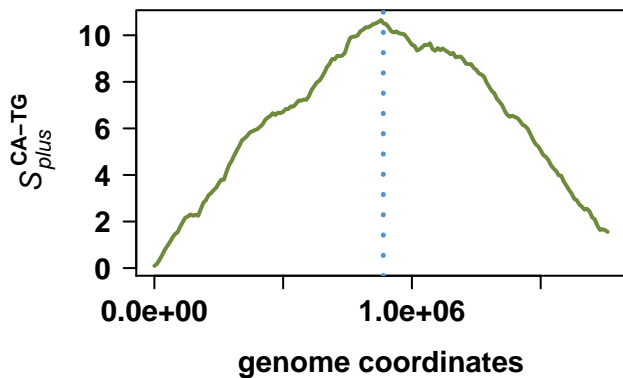
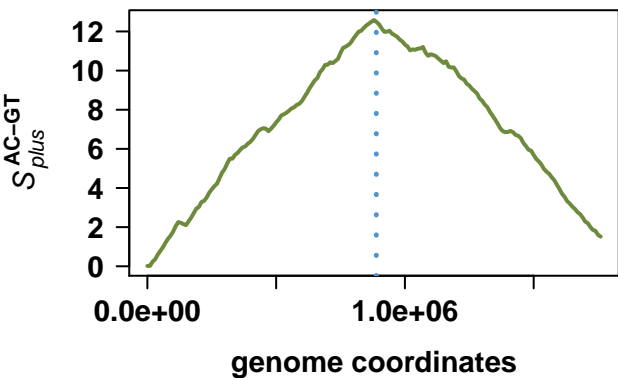
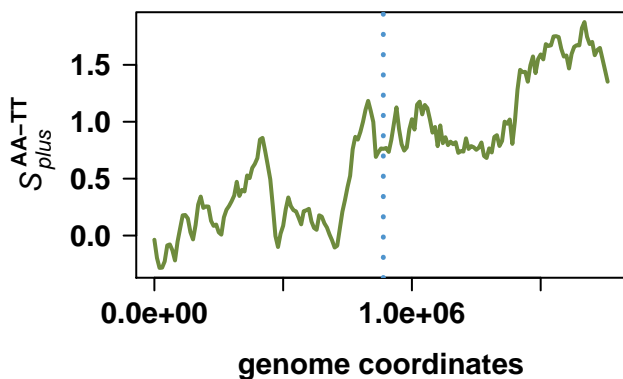
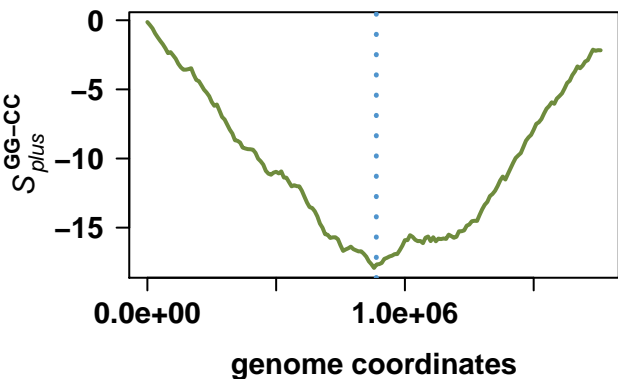
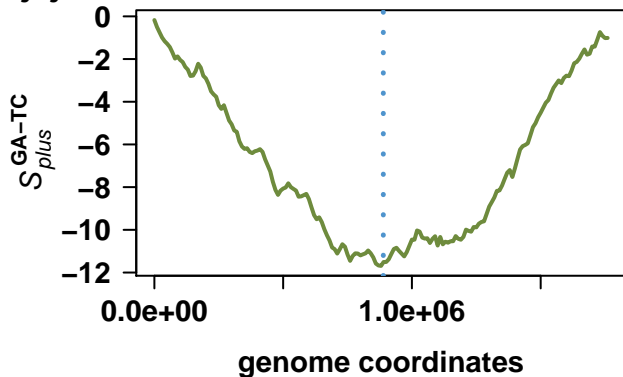
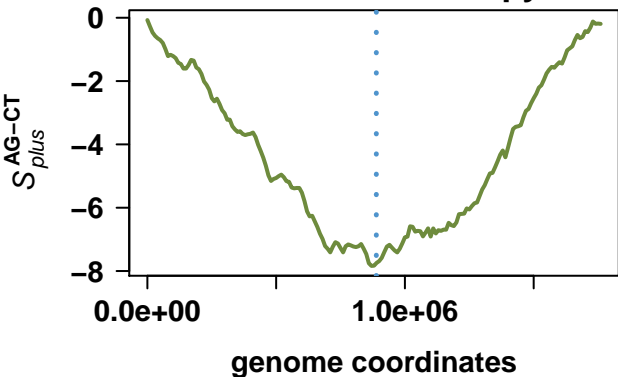
# Helicobacter pylori J99



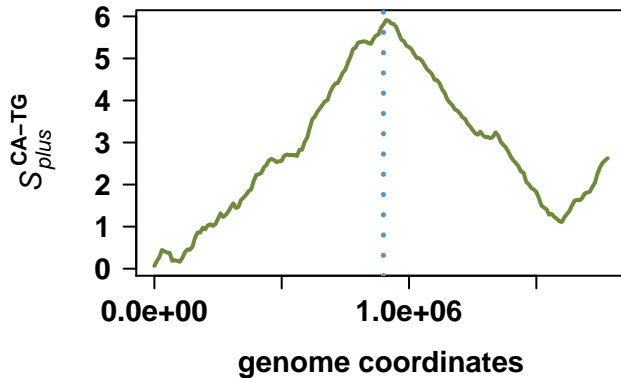
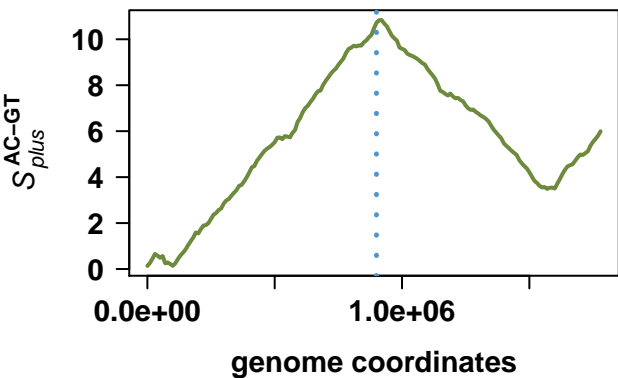
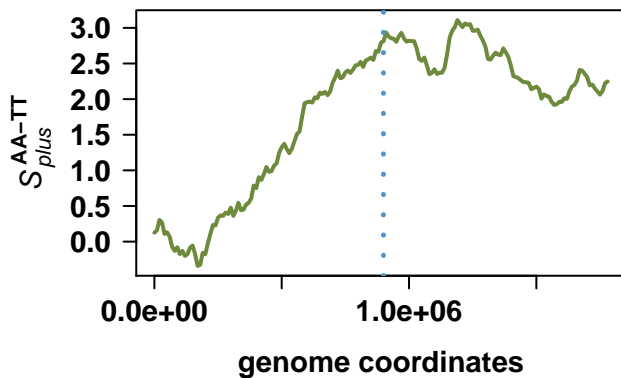
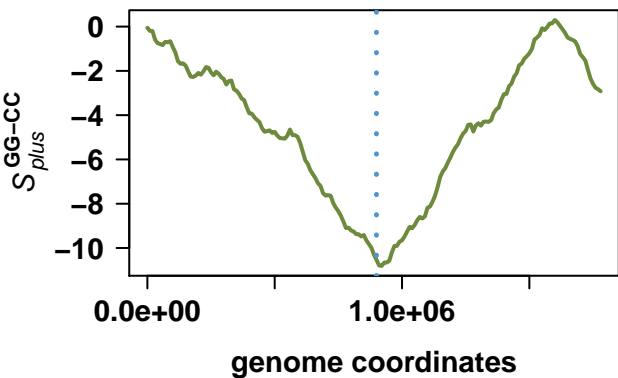
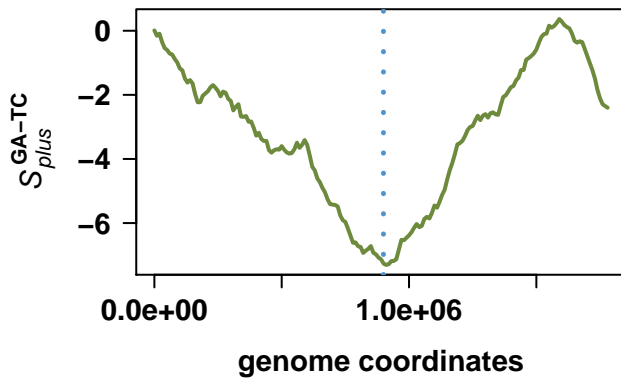
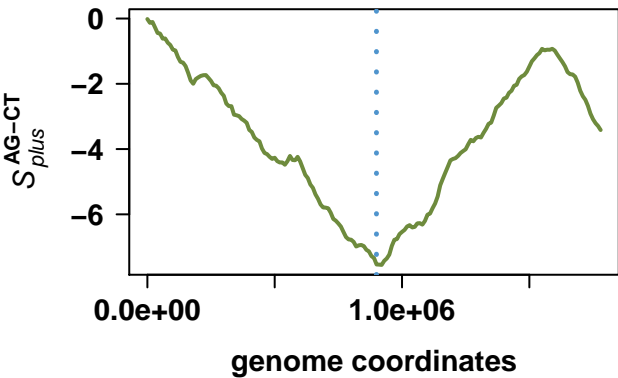
# Campylobacter jejuni subsp. jejuni NCTC 11168 = ATCC 700819



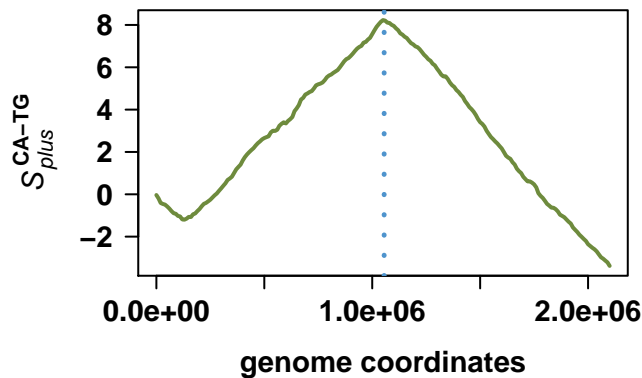
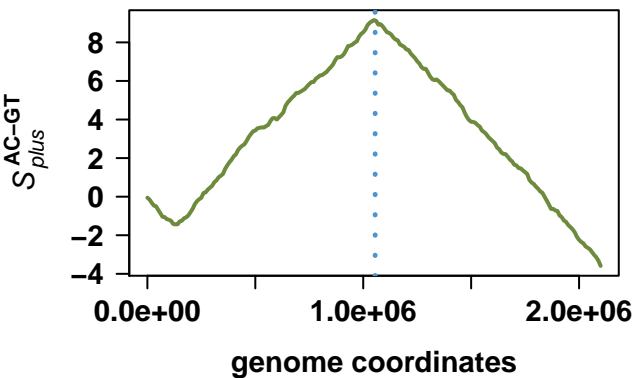
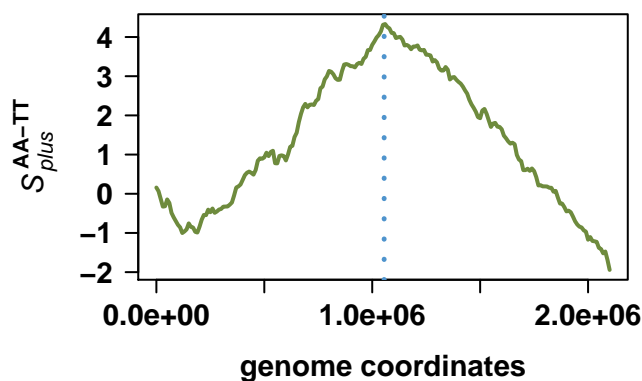
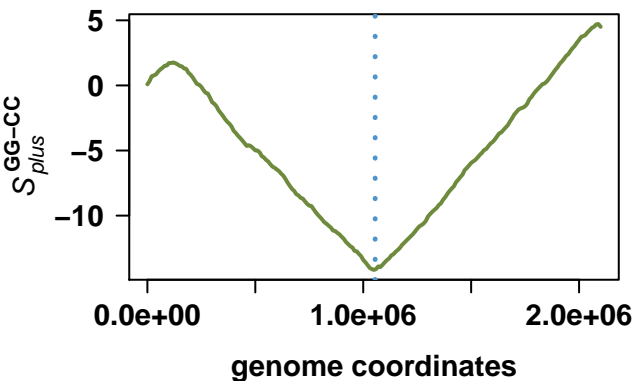
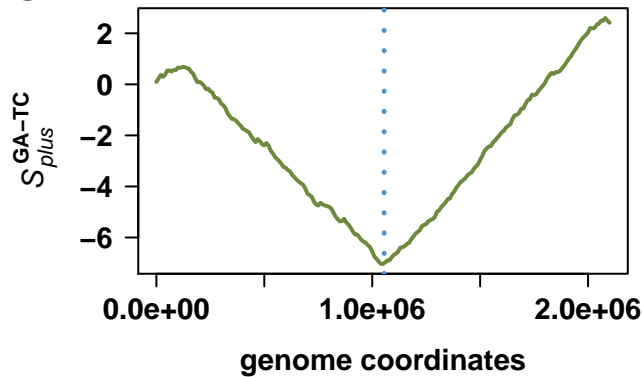
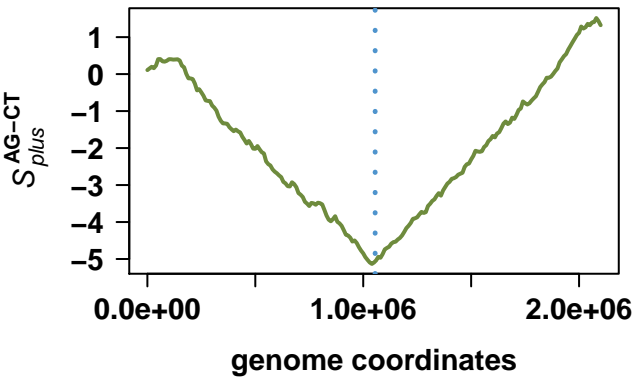
# Campylobacter jejuni RM1221



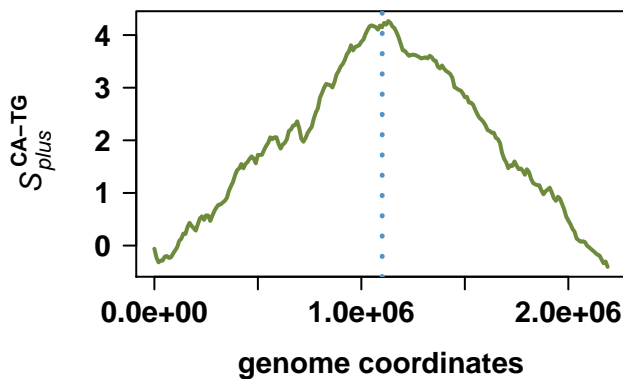
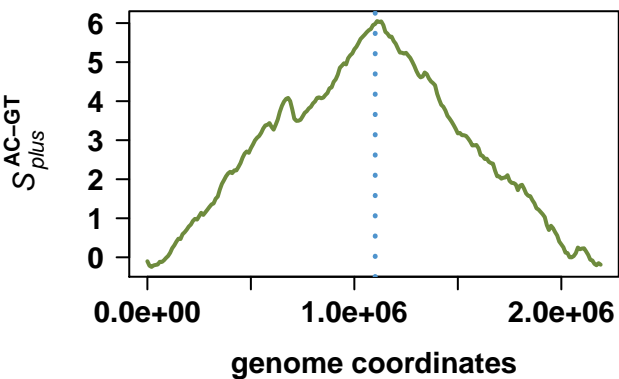
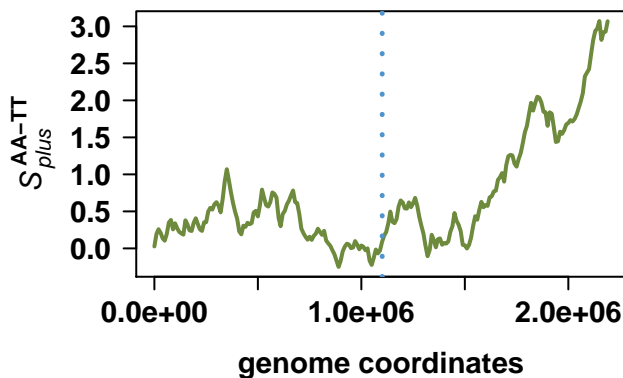
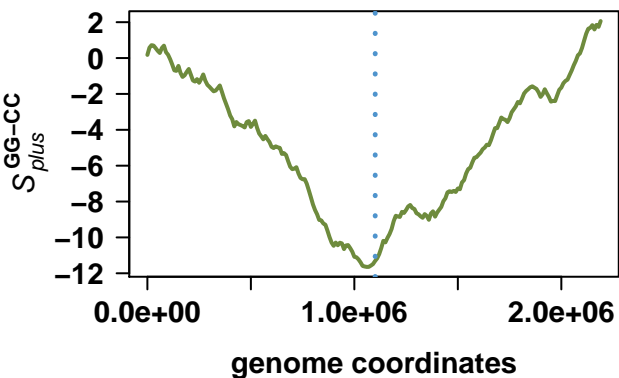
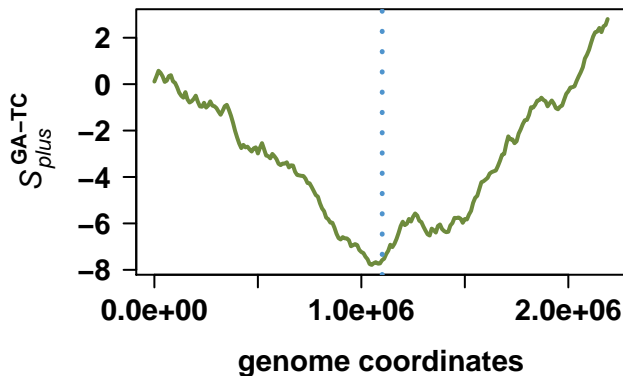
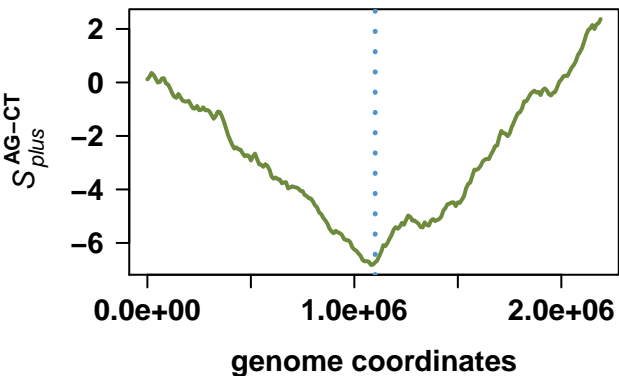
# Helicobacter hepaticus ATCC 51449



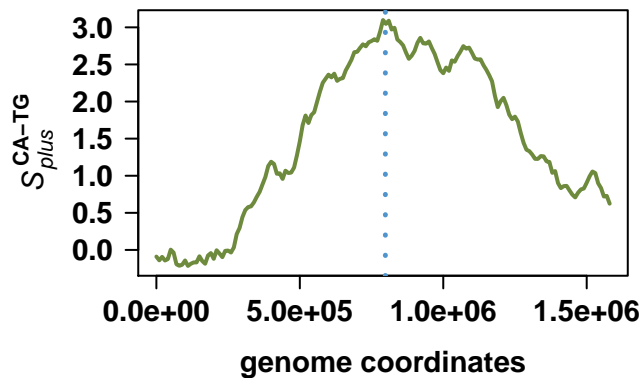
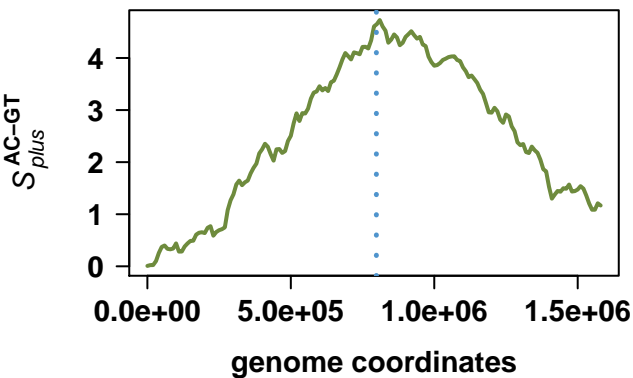
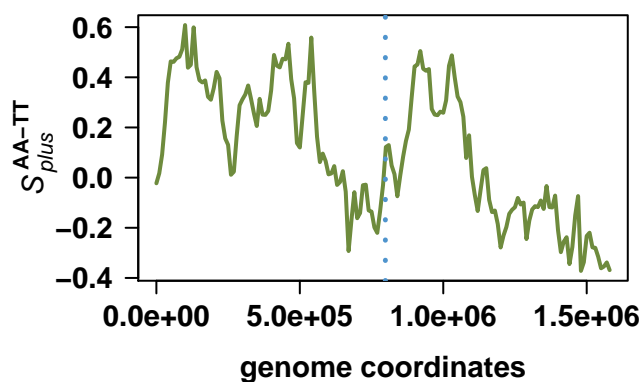
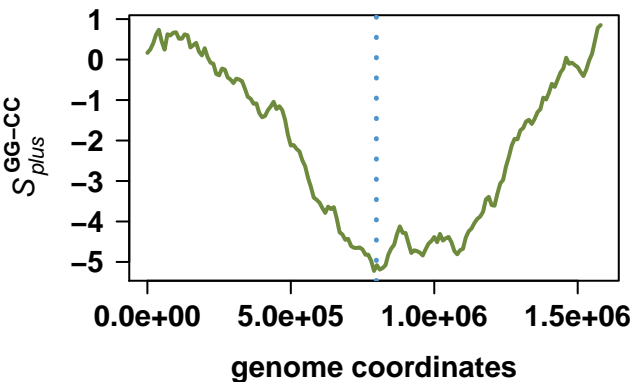
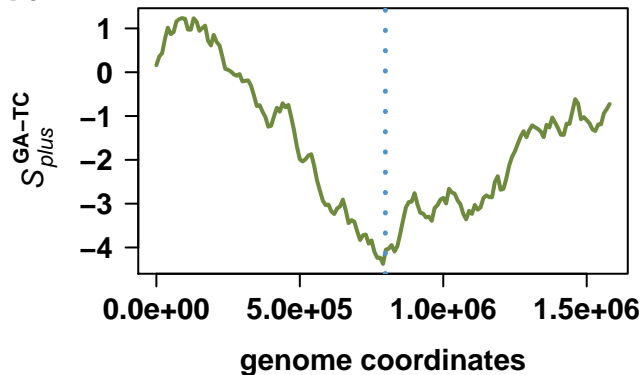
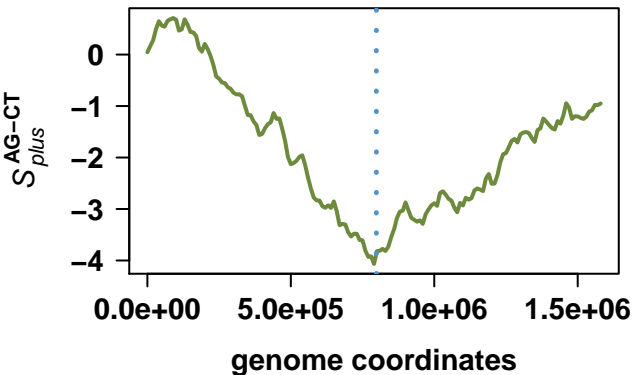
# Wolinella succinogenes DSM 1740



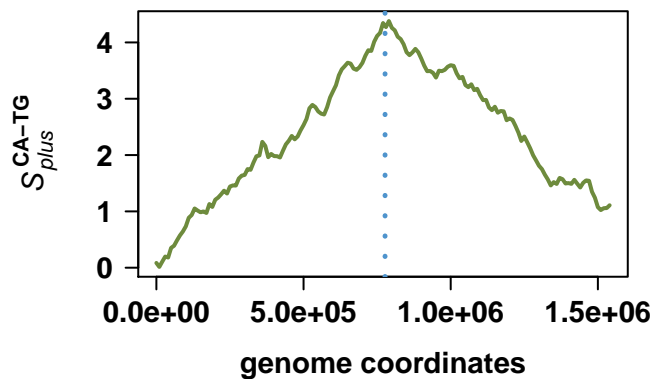
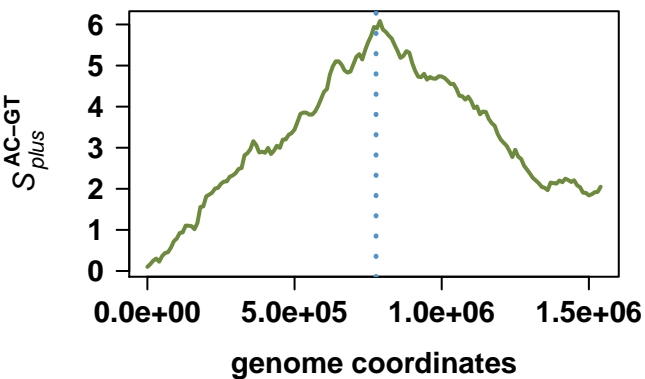
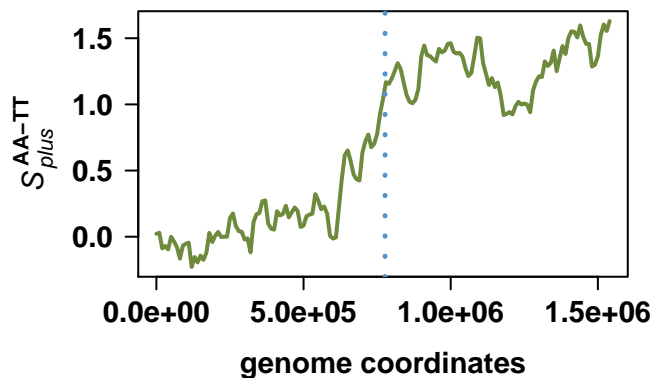
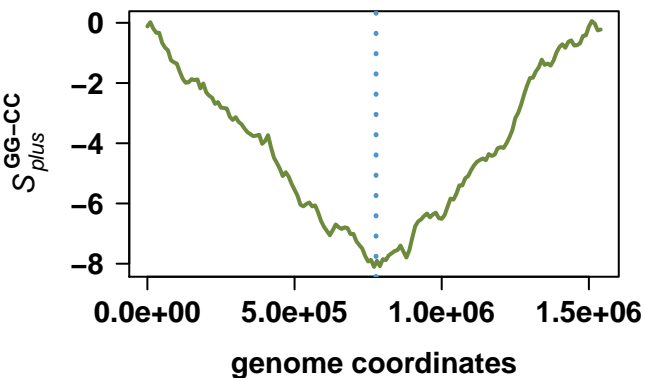
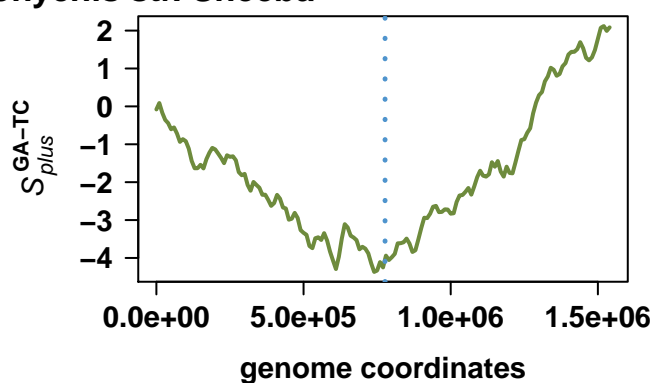
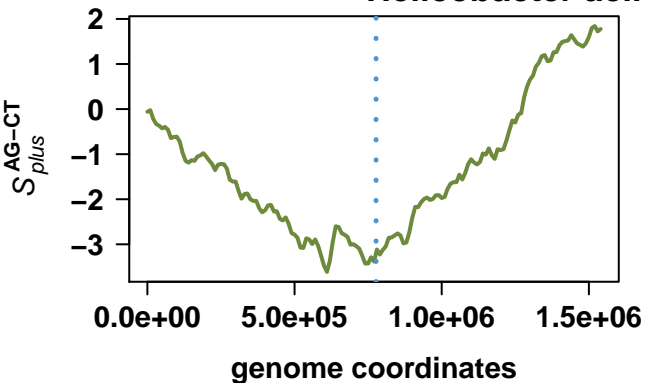
# Sulfurimonas denitrificans DSM 1251



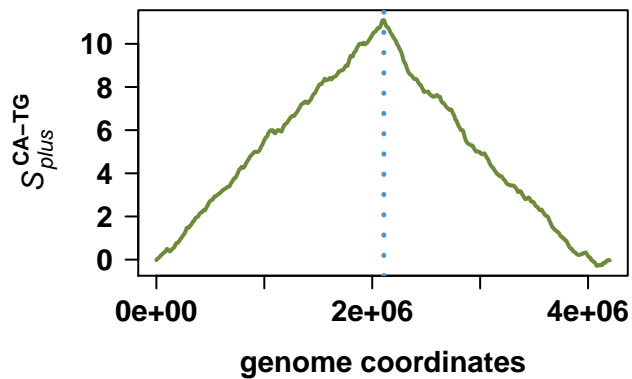
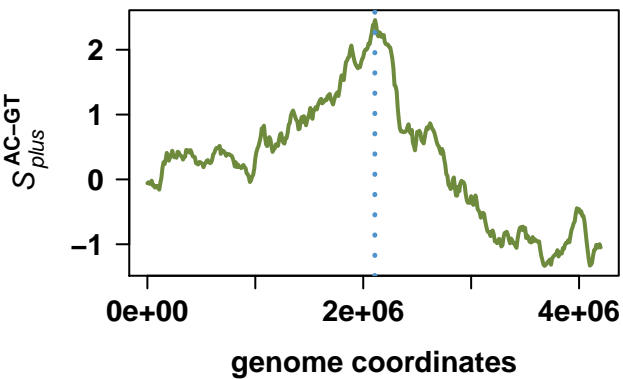
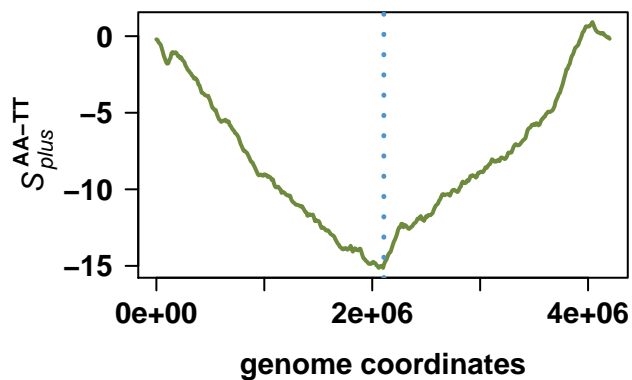
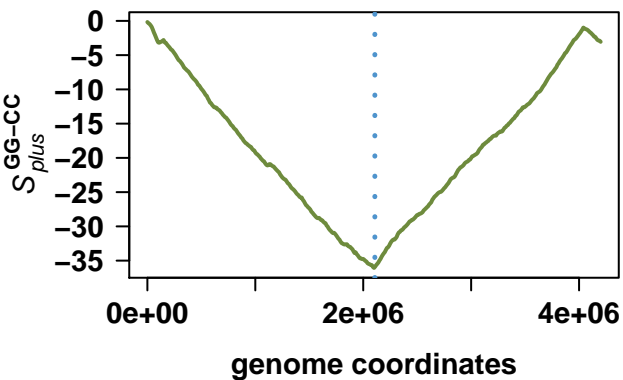
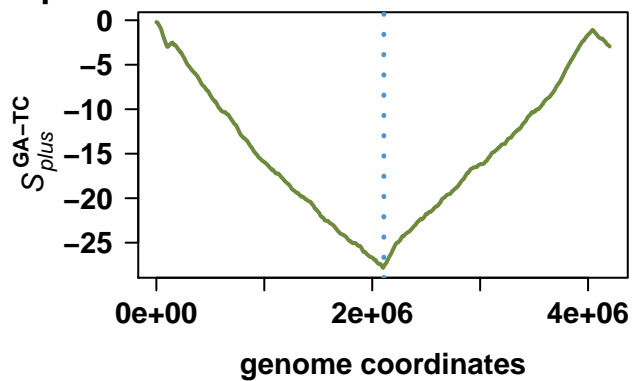
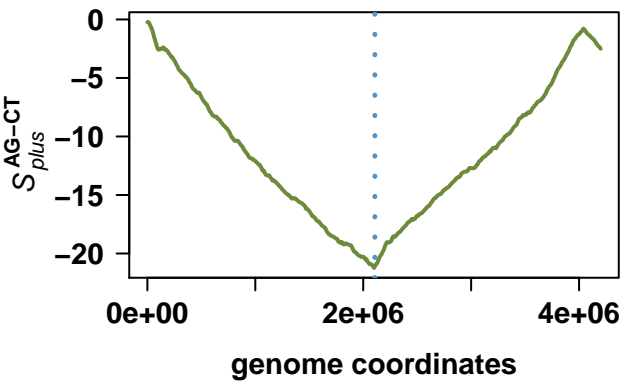
# Helicobacter pylori HPAG1



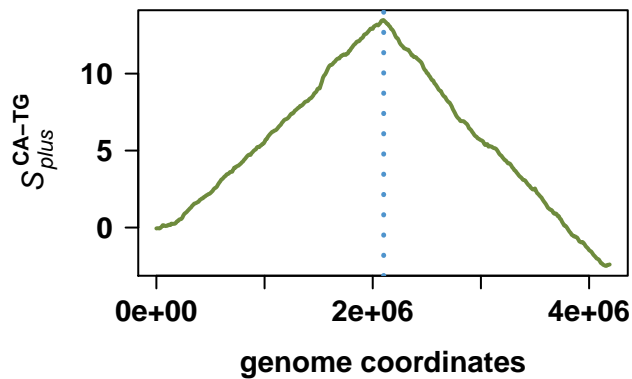
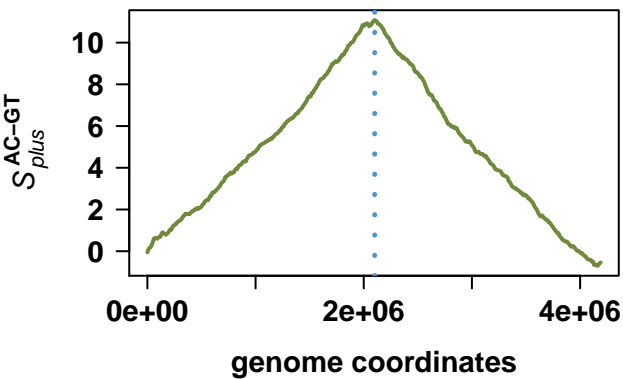
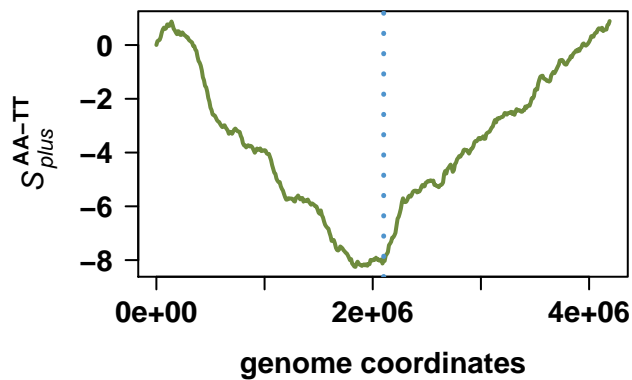
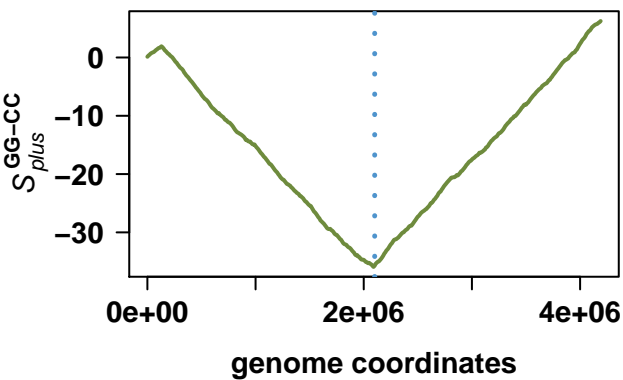
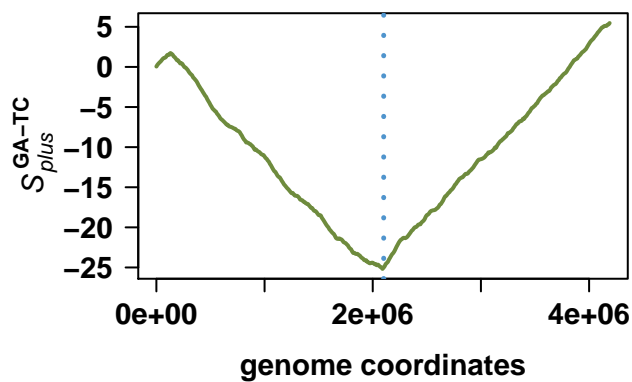
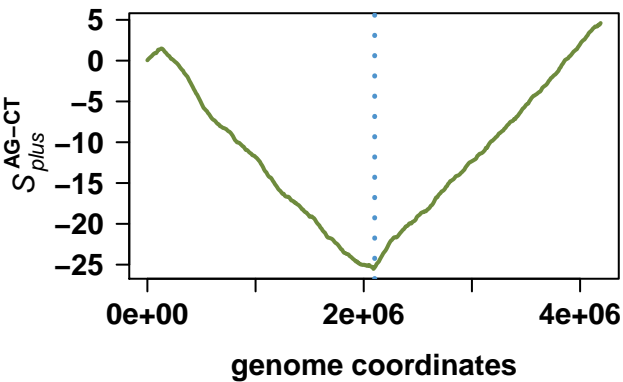
# Helicobacter acinonychis str. Sheeba



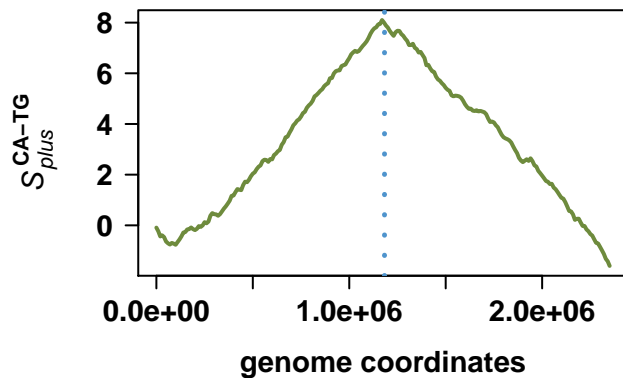
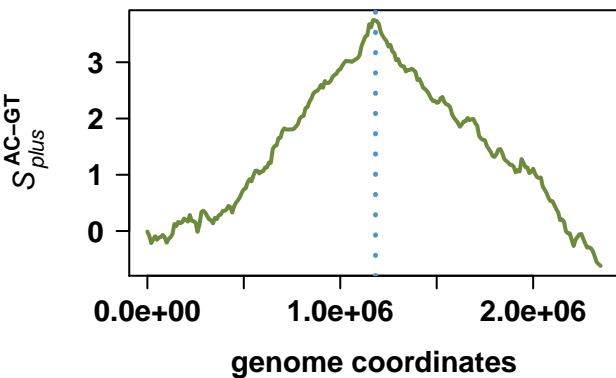
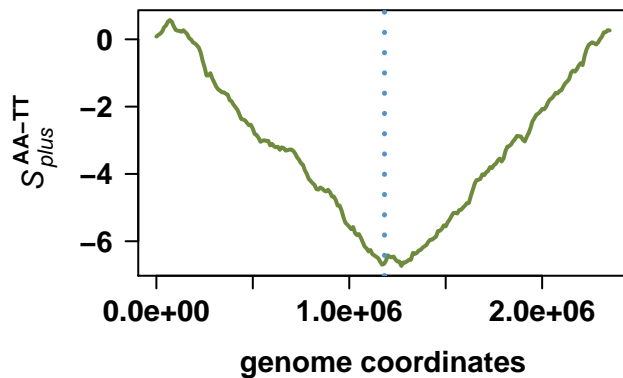
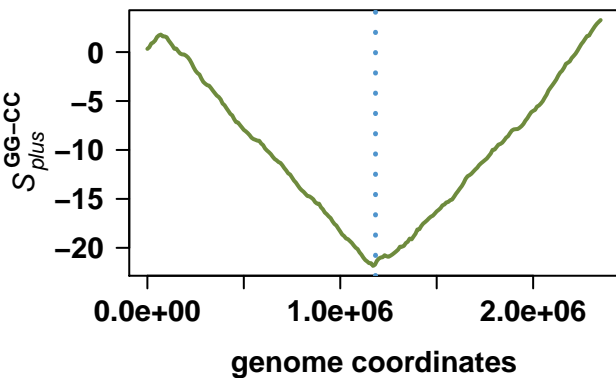
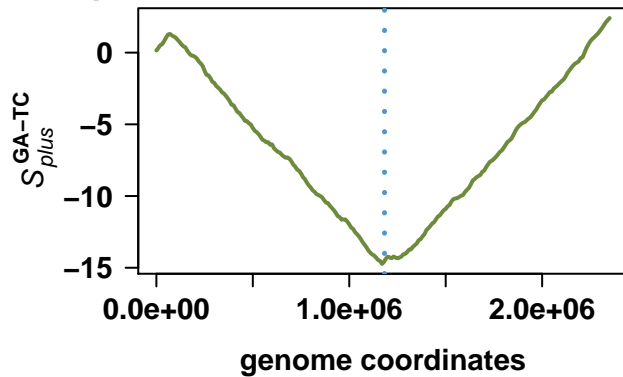
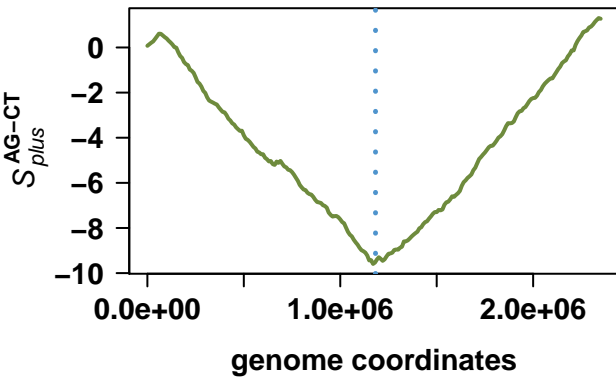
# Bacillus subtilis subsp. subtilis str. 168



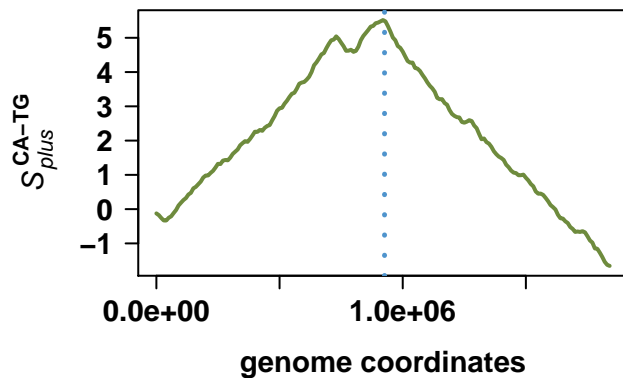
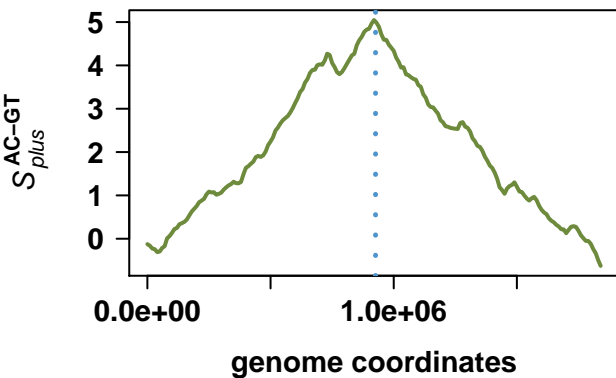
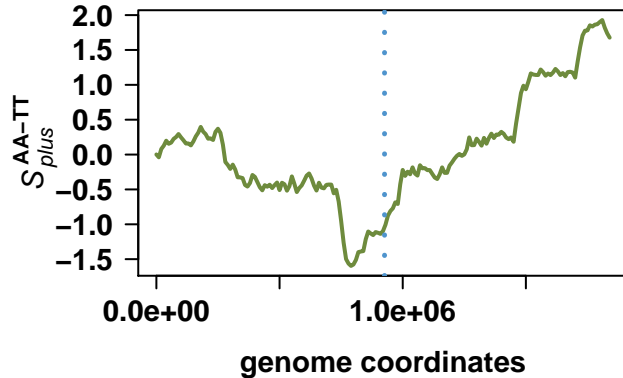
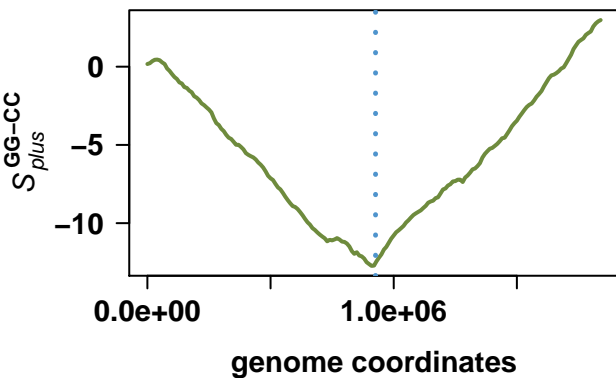
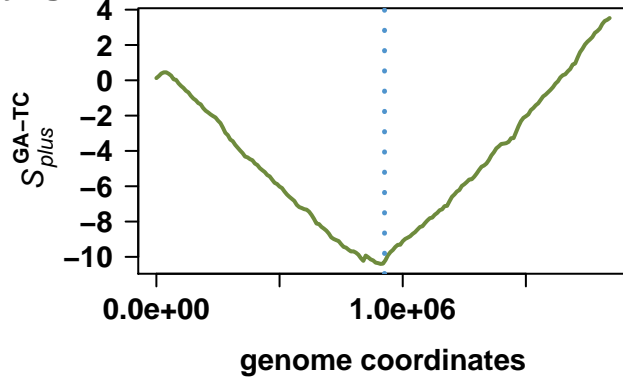
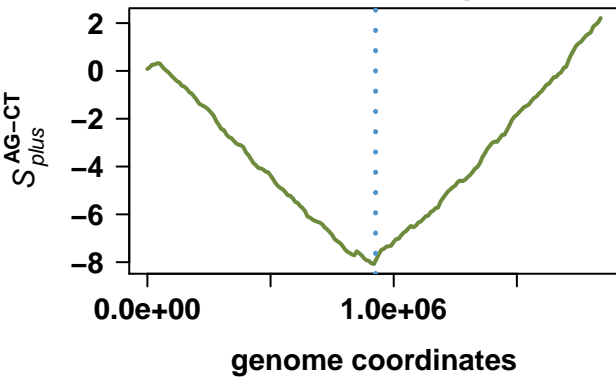
# Bacillus halodurans C-125



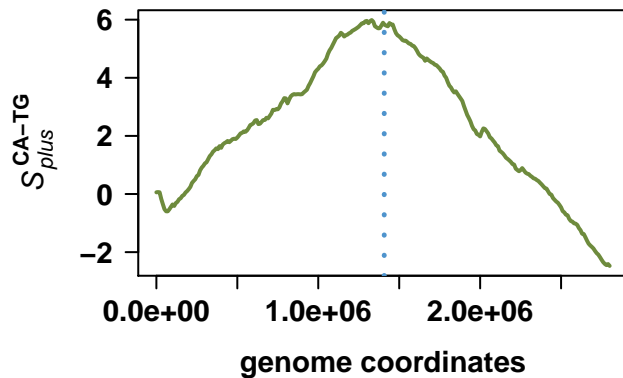
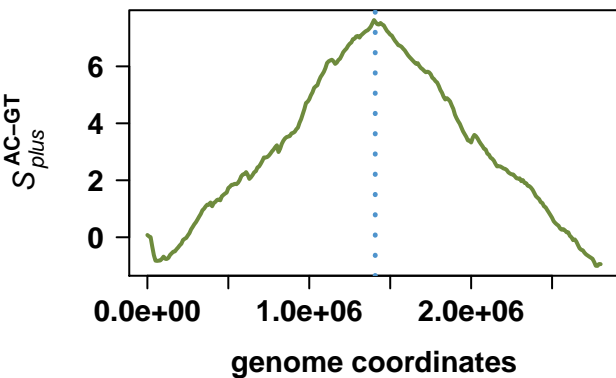
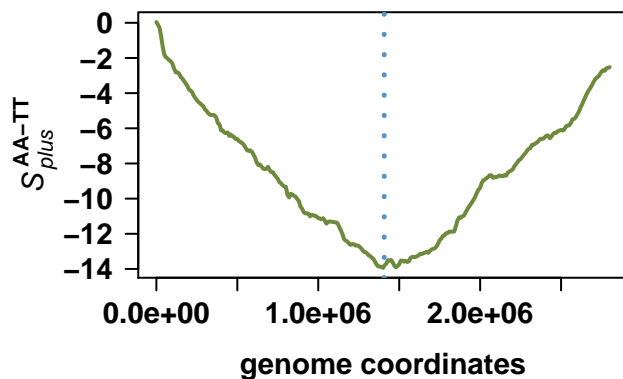
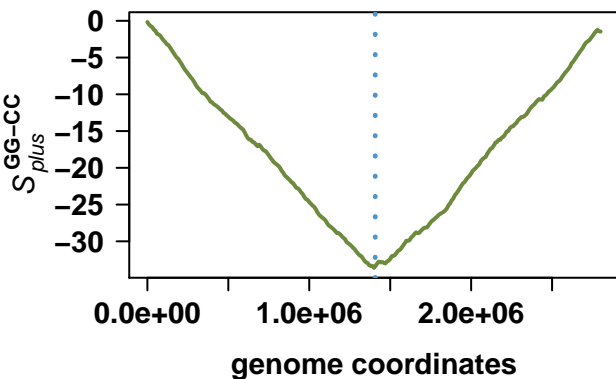
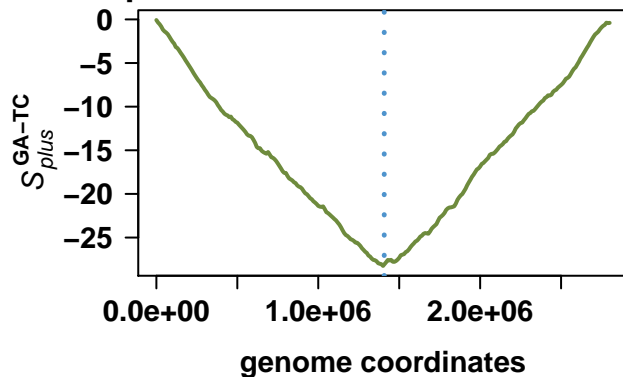
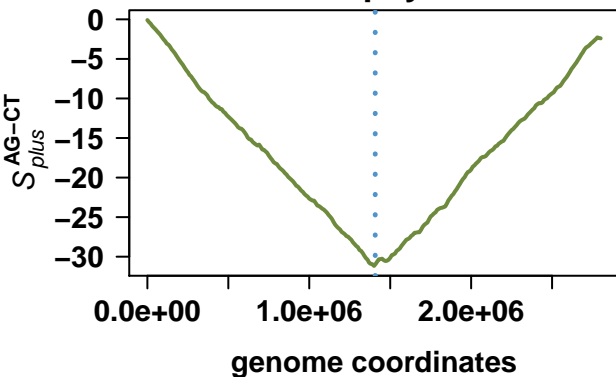
# Lactococcus lactis subsp. lactis II1403



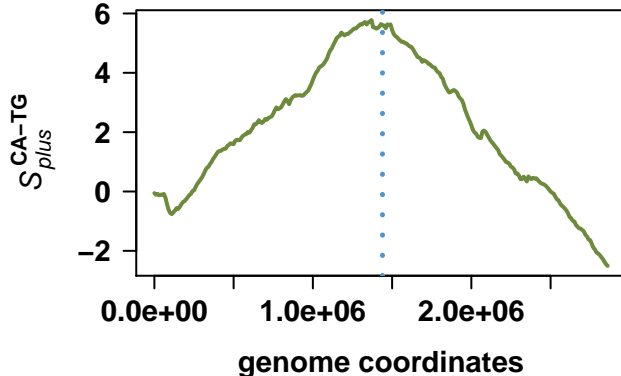
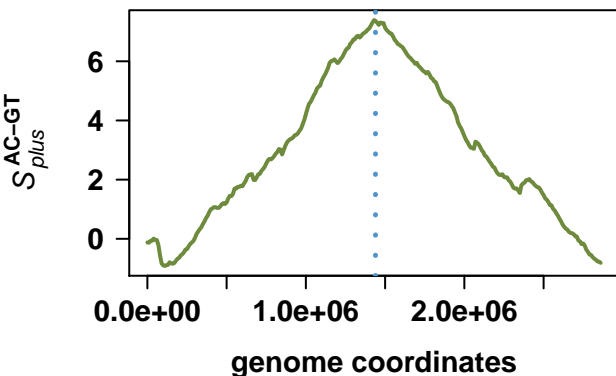
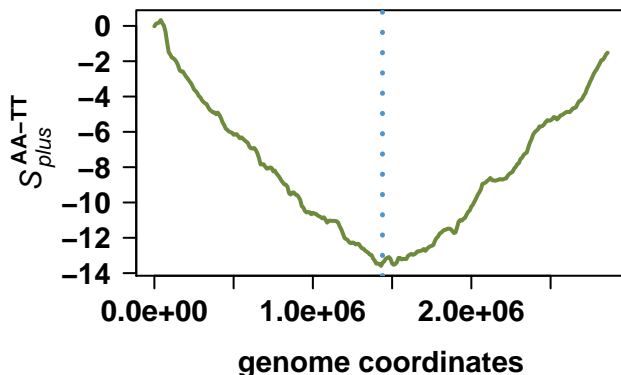
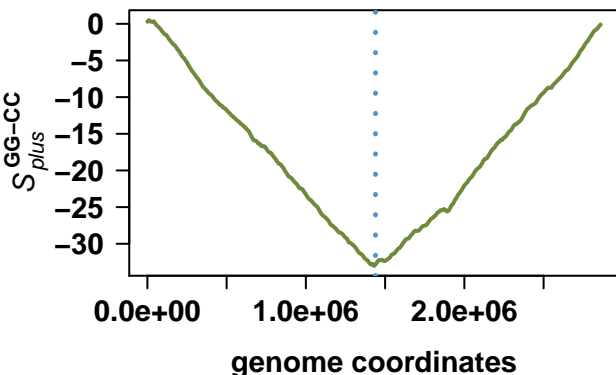
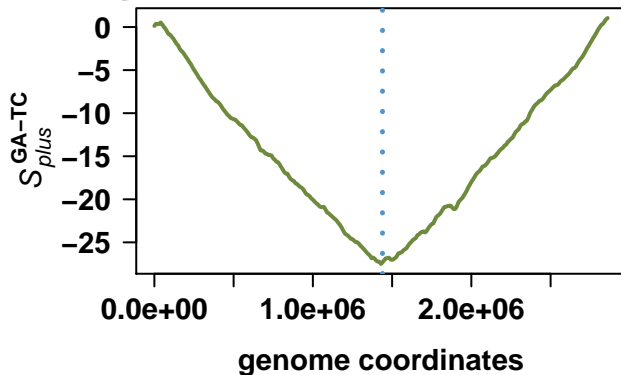
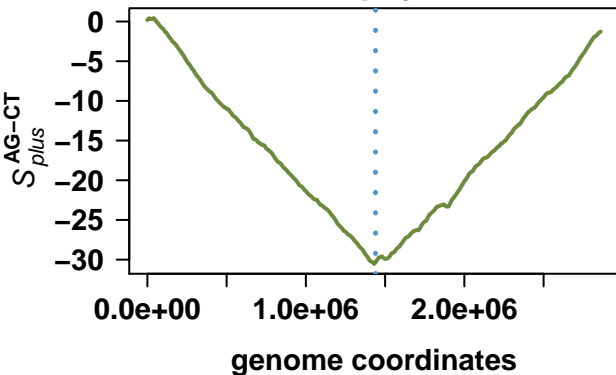
# Streptococcus pyogenes M1 GAS



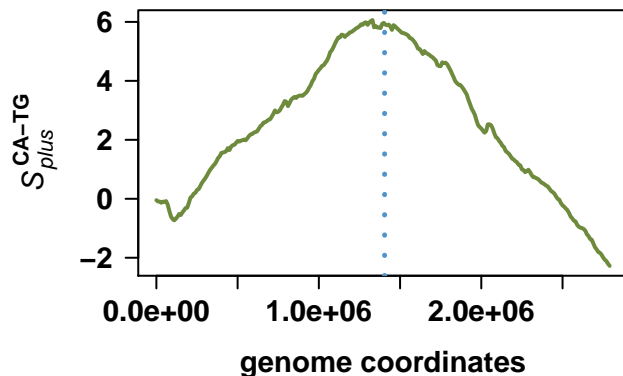
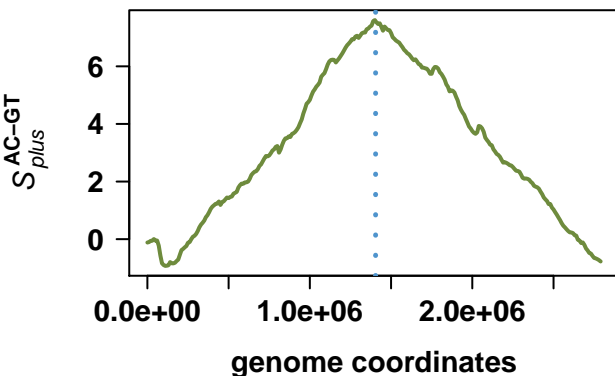
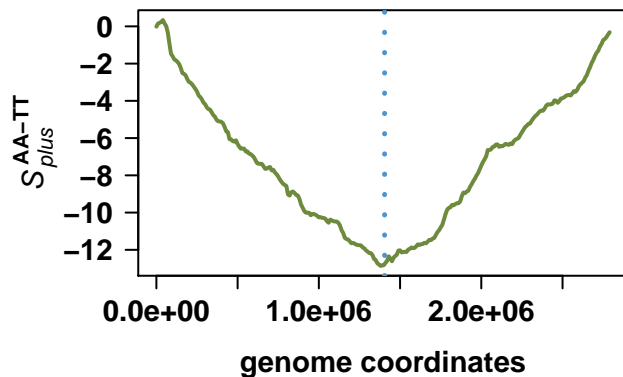
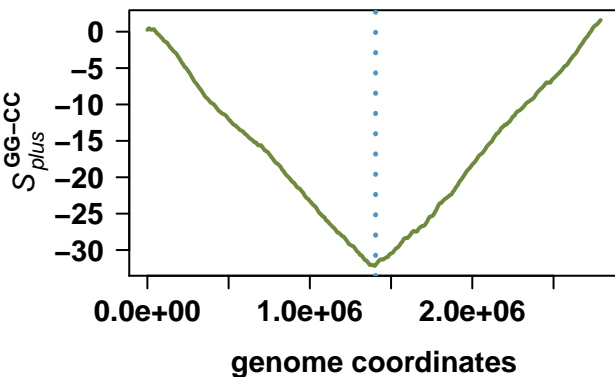
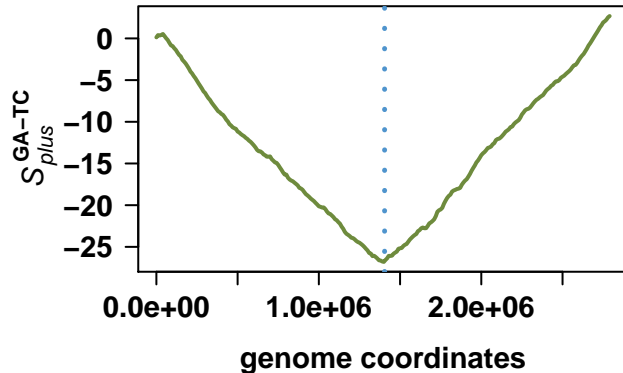
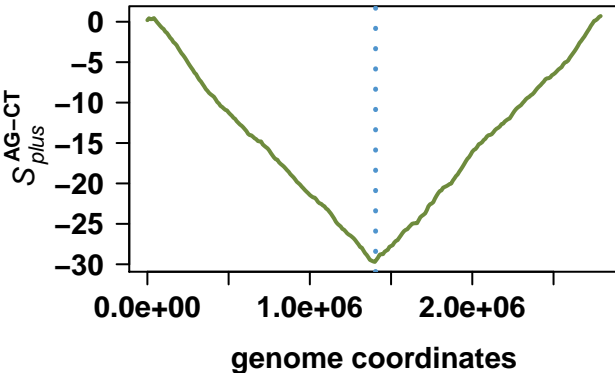
# Staphylococcus aureus subsp. aureus N315



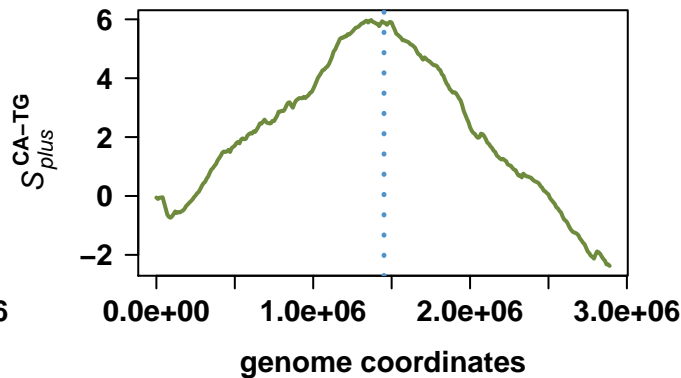
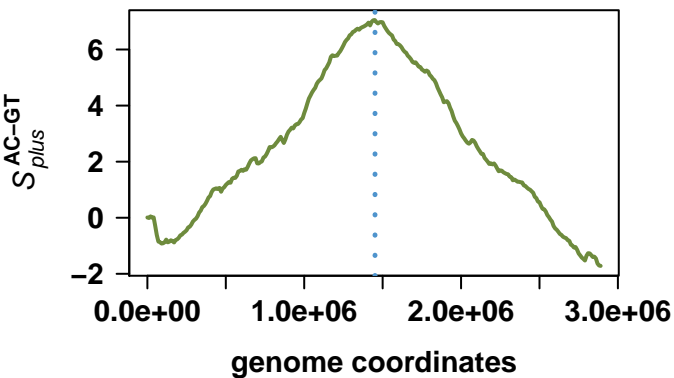
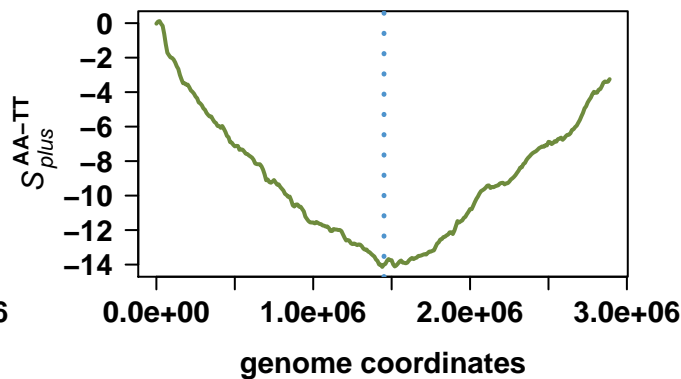
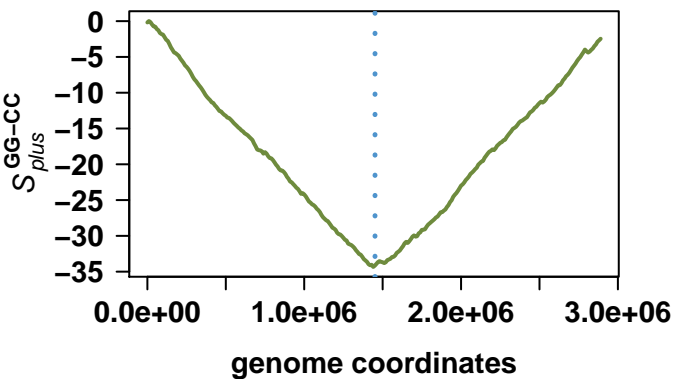
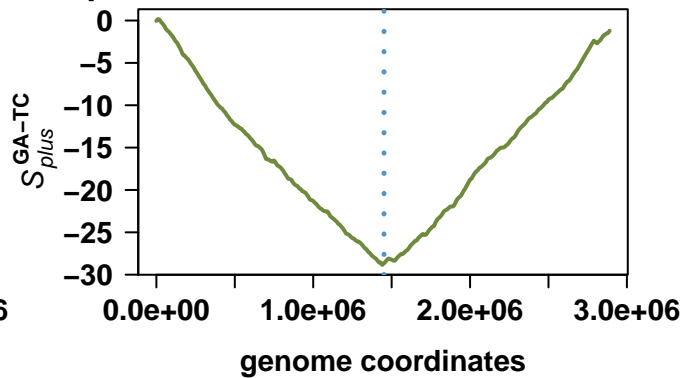
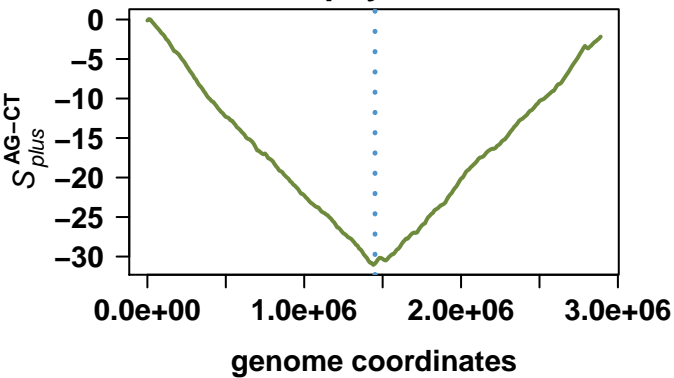
# Staphylococcus aureus subsp. aureus Mu50



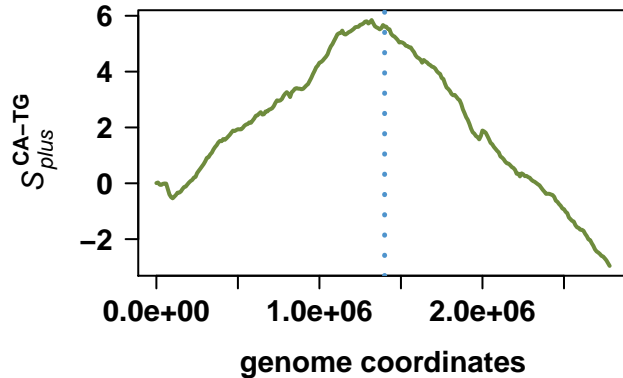
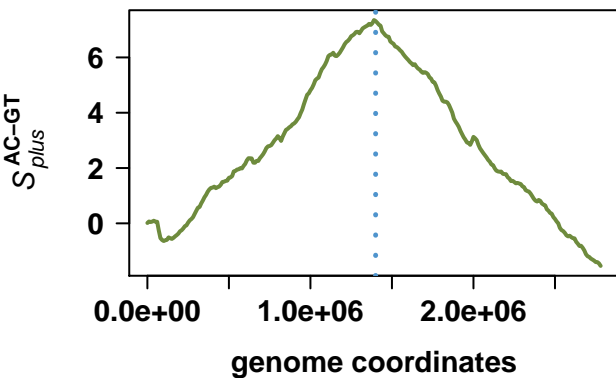
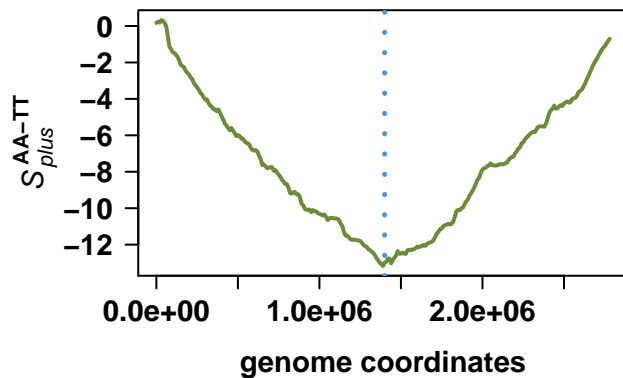
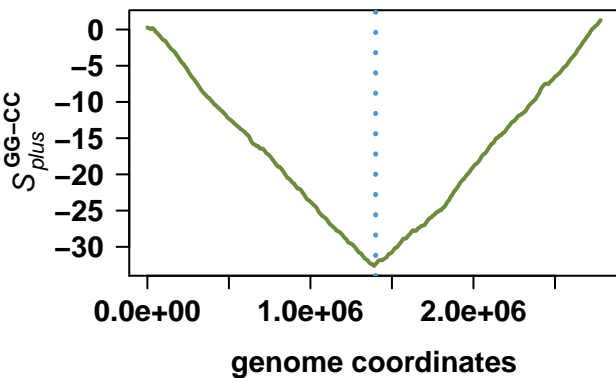
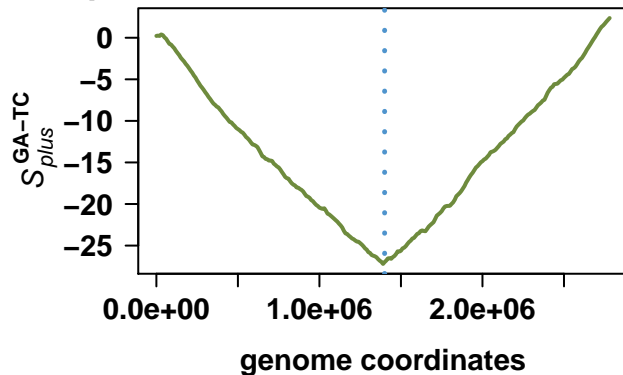
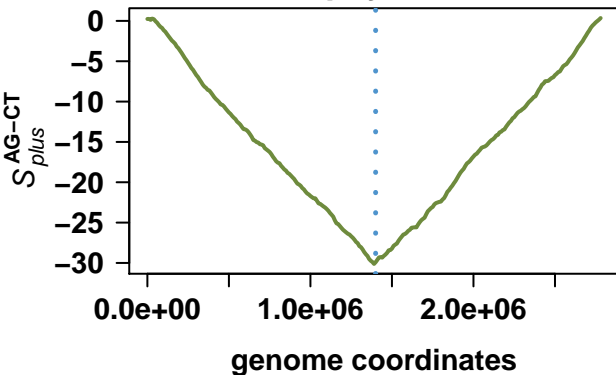
# Staphylococcus aureus subsp. aureus COL



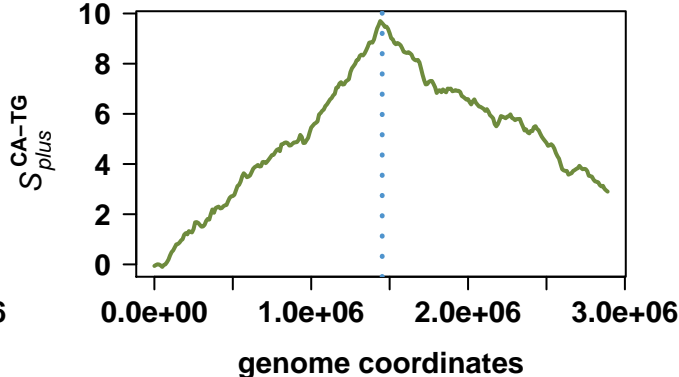
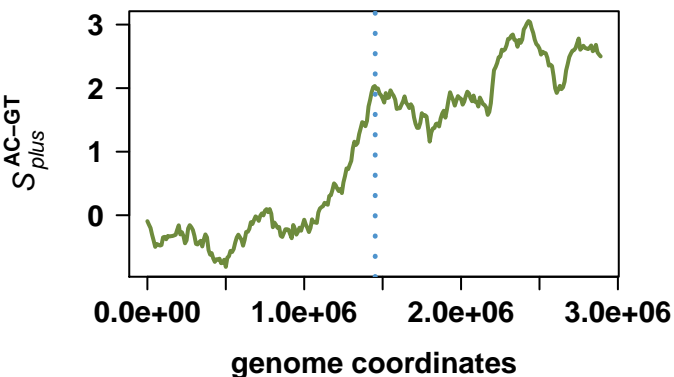
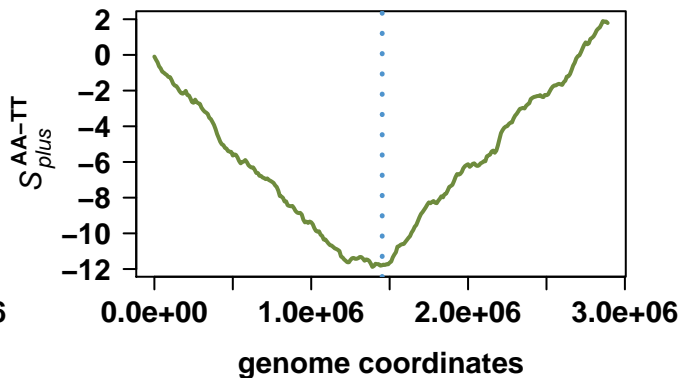
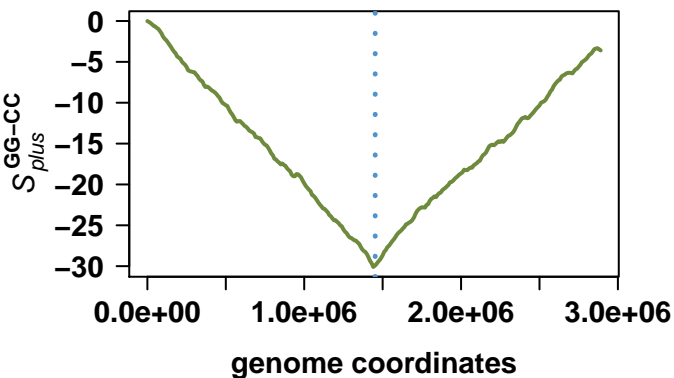
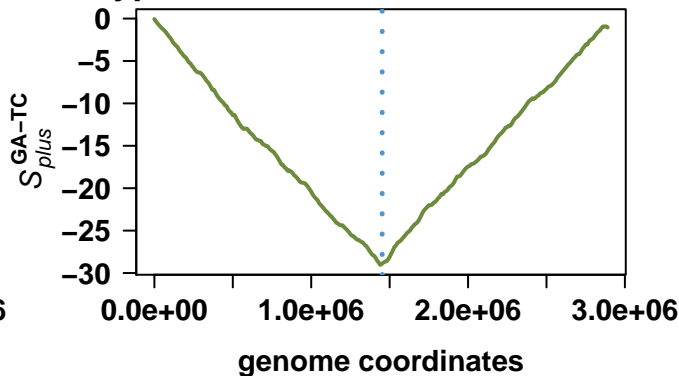
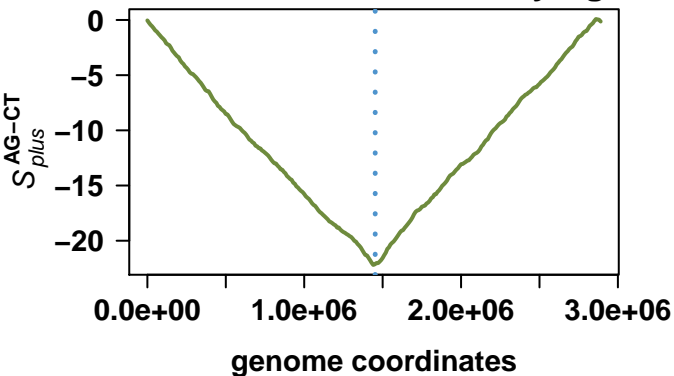
# Staphylococcus aureus subsp. aureus MRSA252



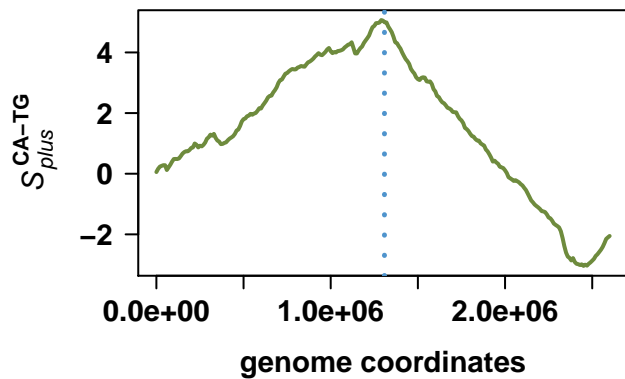
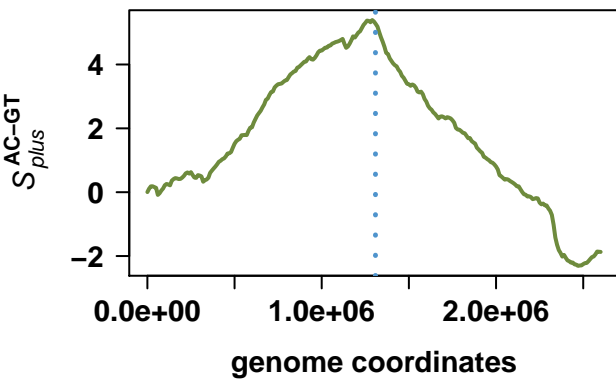
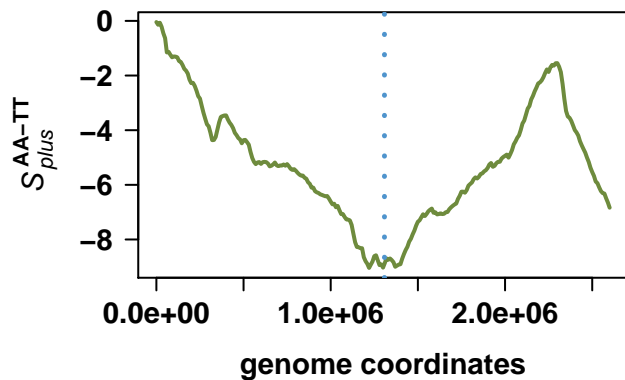
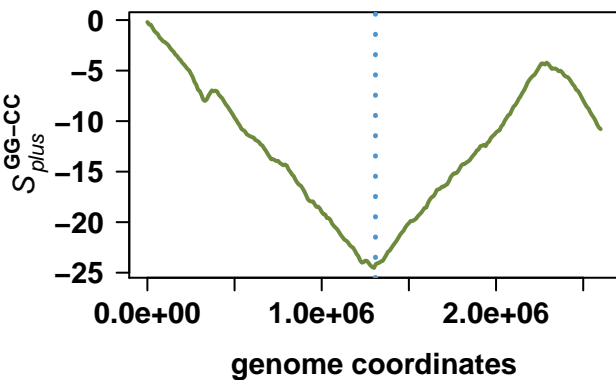
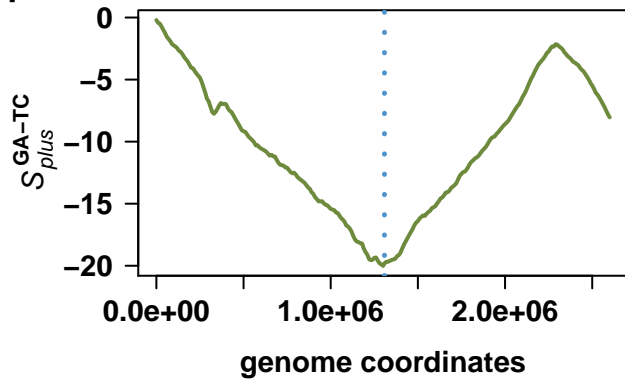
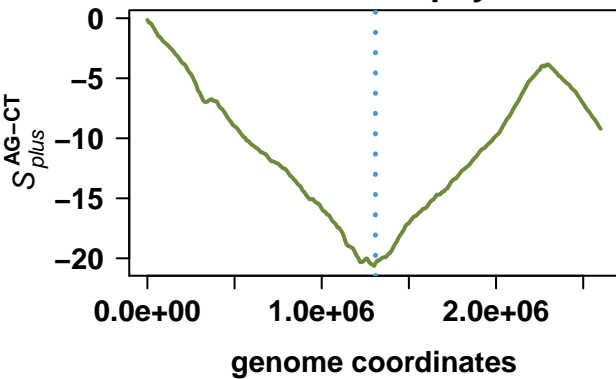
# Staphylococcus aureus subsp. aureus MSSA476



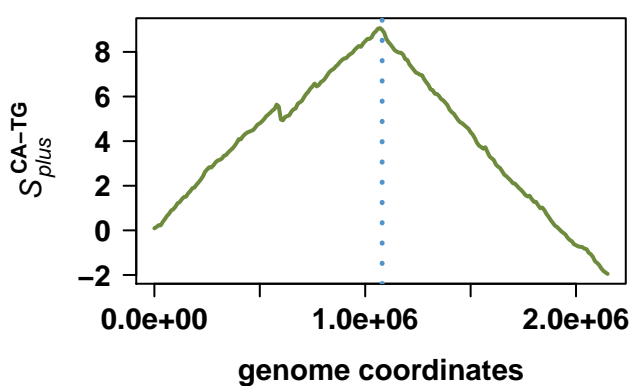
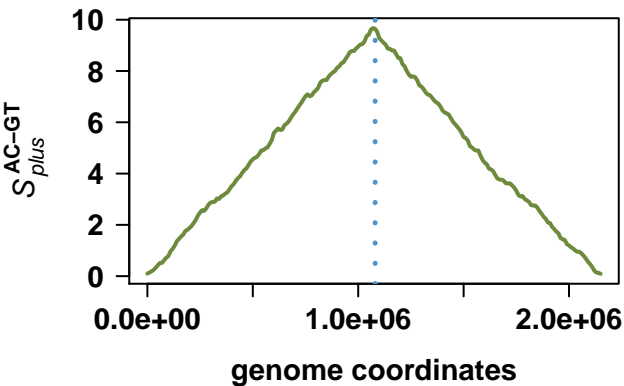
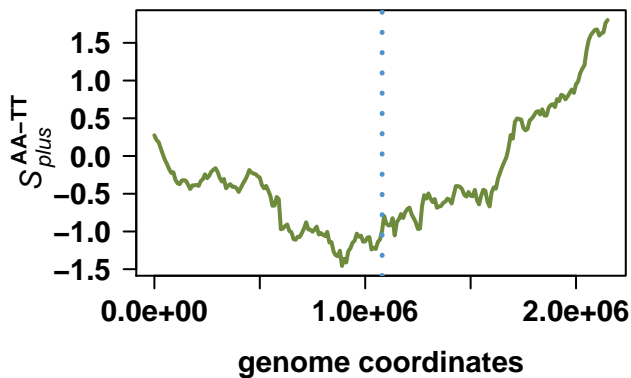
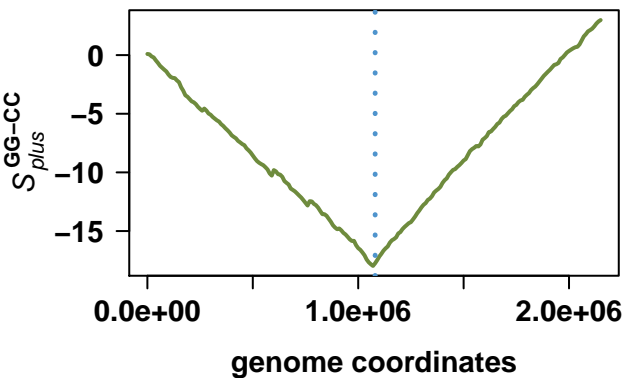
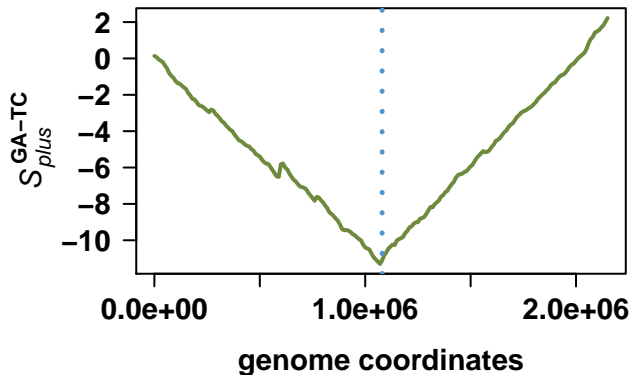
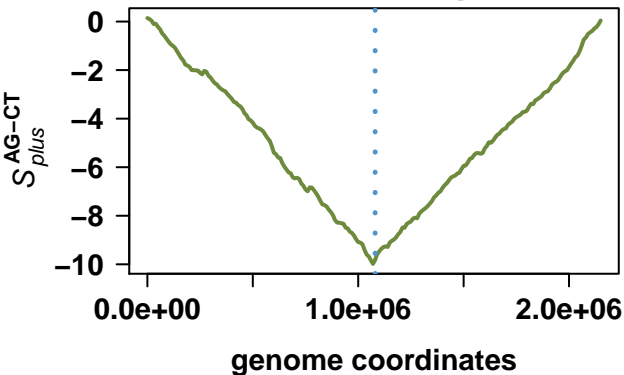
# Listeria monocytogenes serotype 4b str. F2365



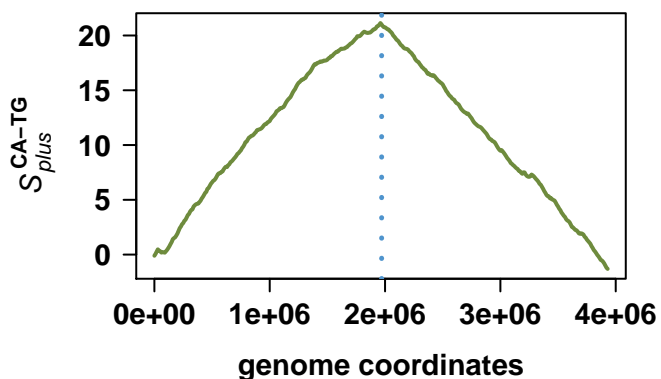
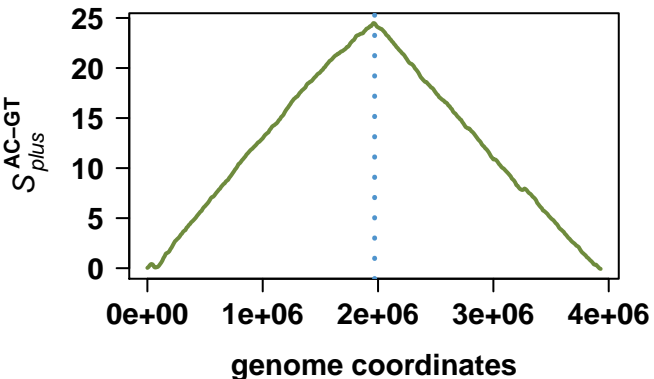
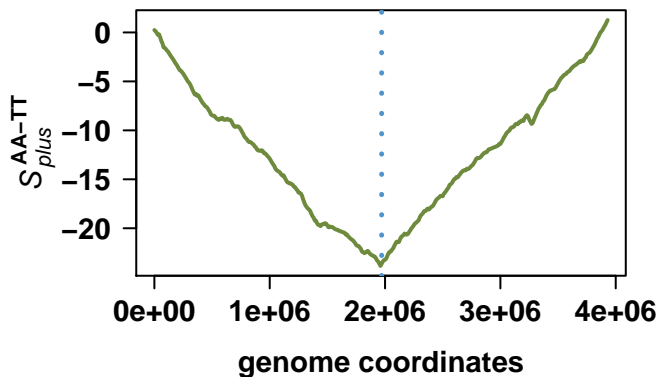
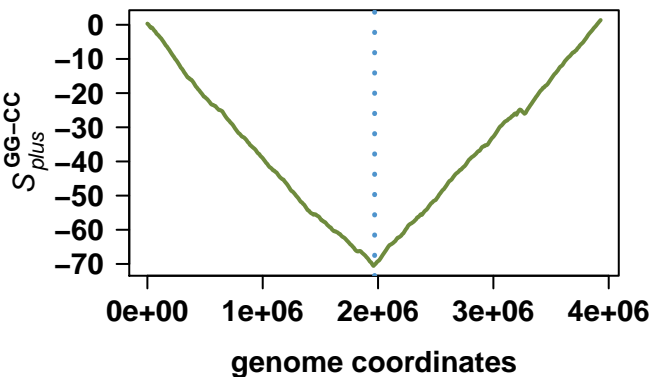
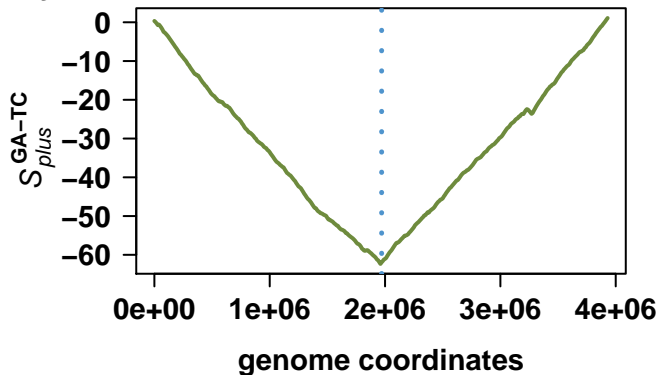
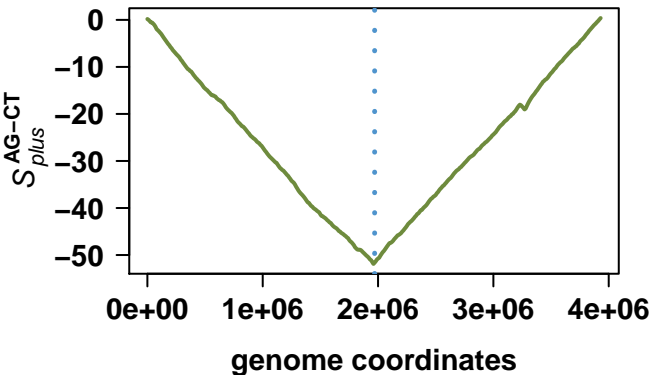
# Staphylococcus epidermidis RP62A



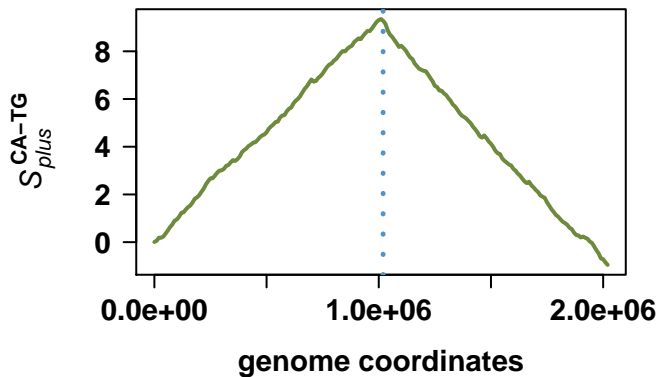
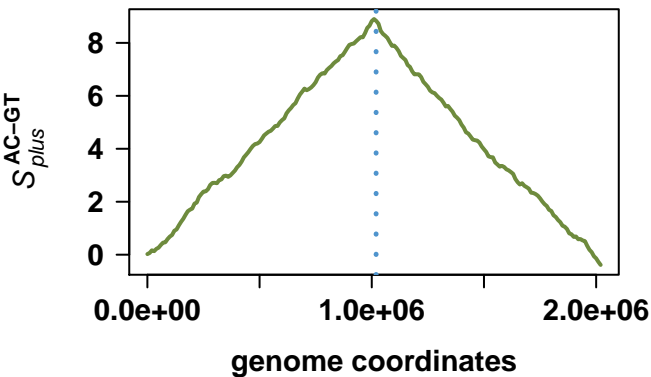
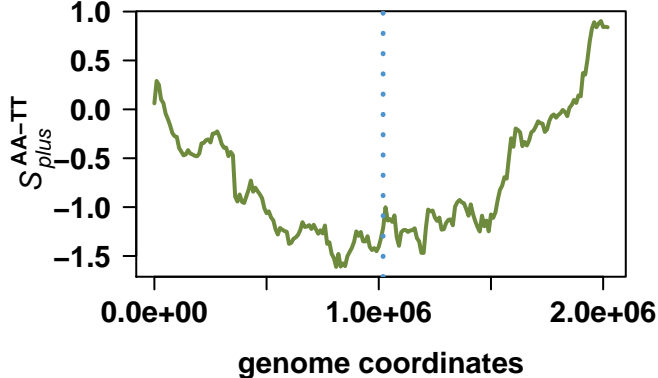
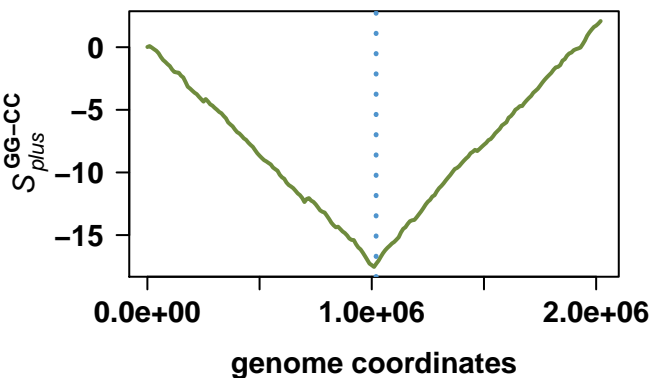
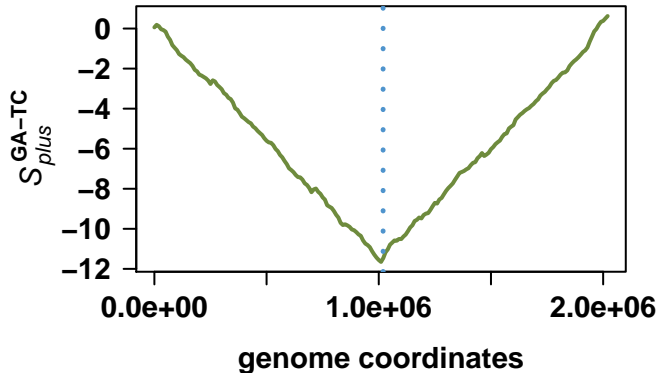
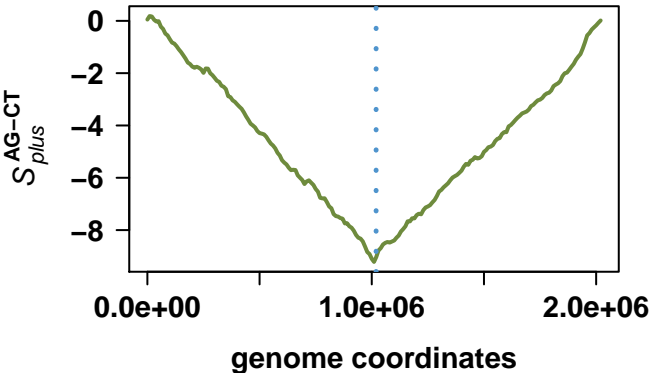
# Streptococcus pneumoniae TIGR4



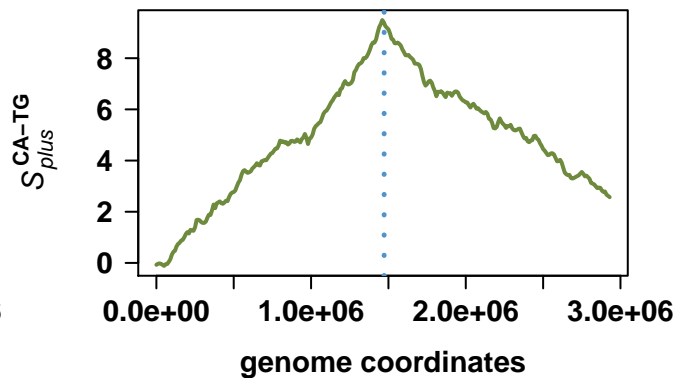
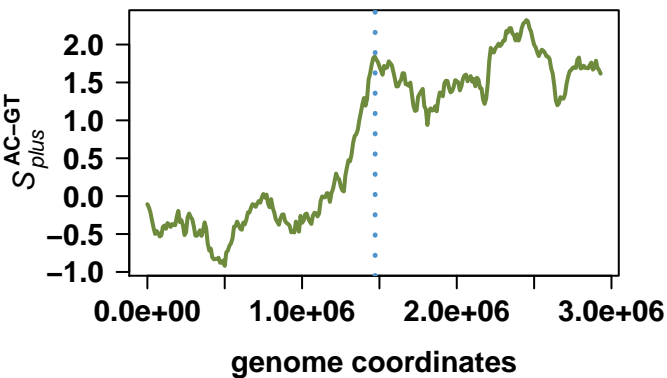
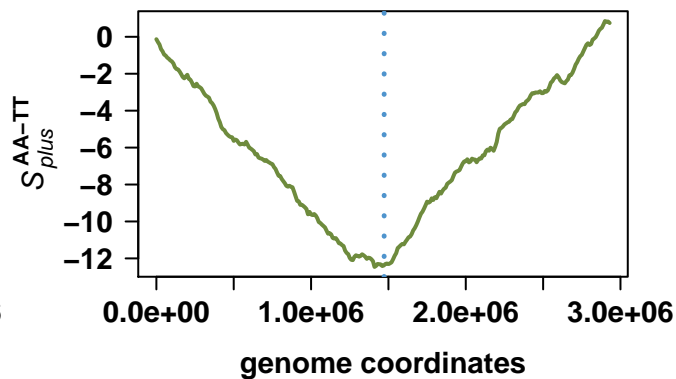
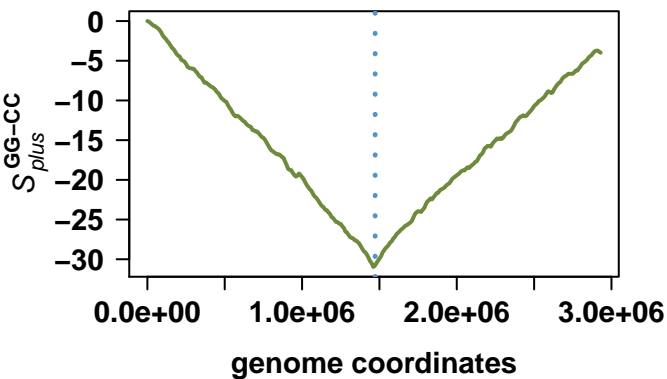
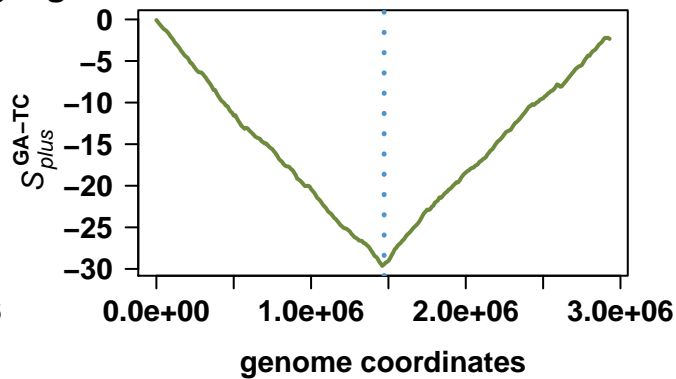
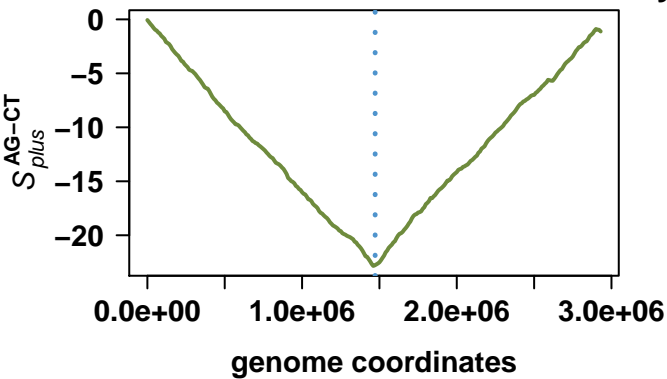
# Clostridium acetobutylicum ATCC 824



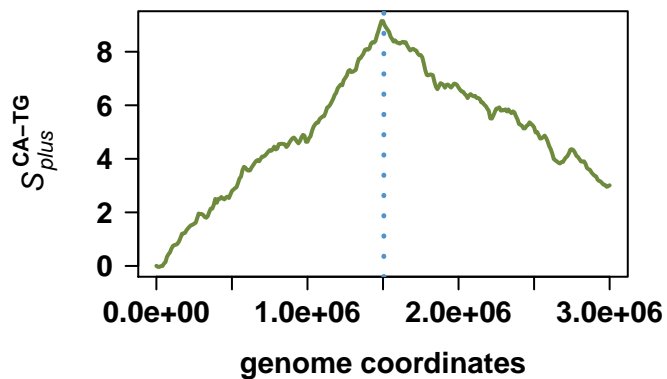
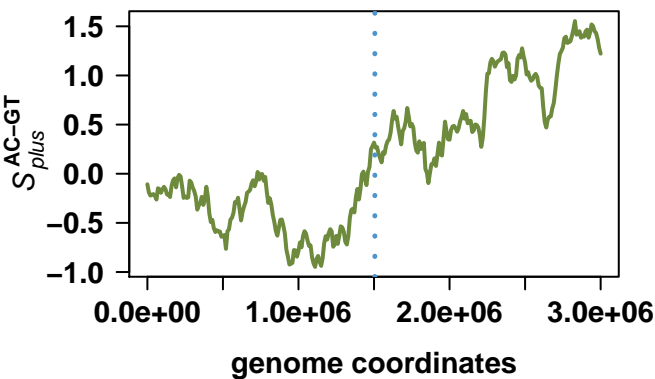
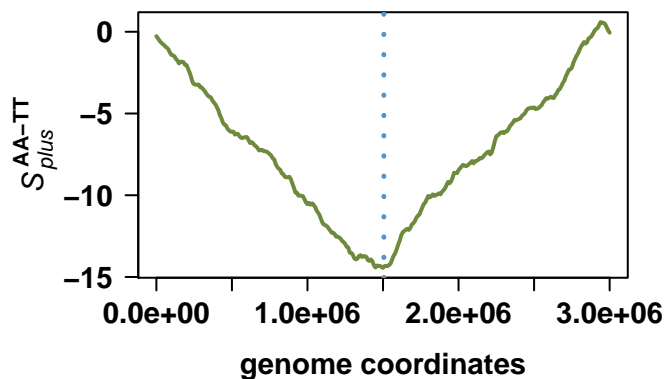
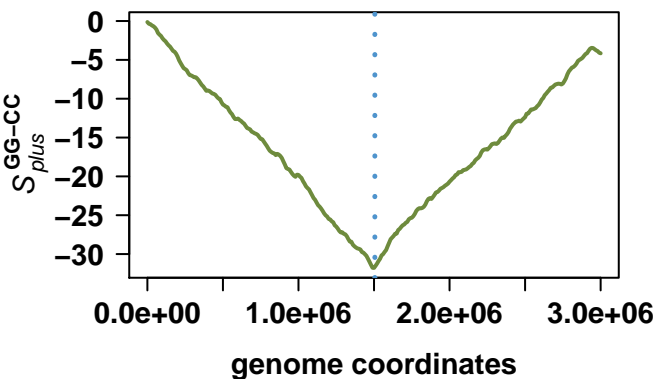
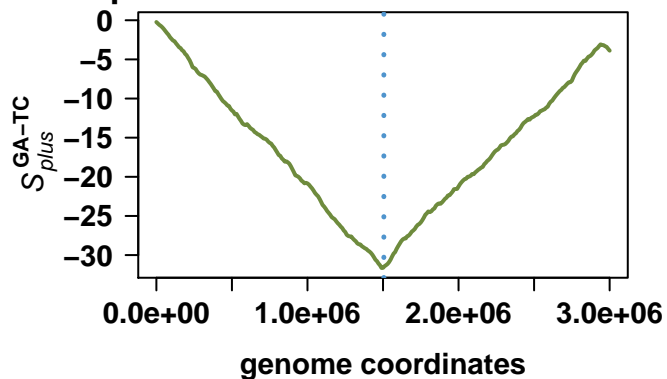
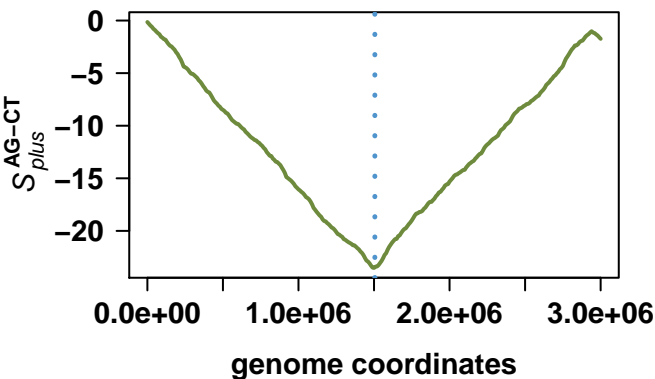
# Streptococcus pneumoniae R6



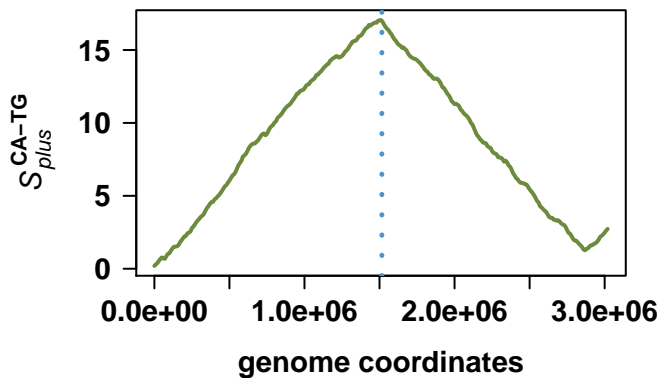
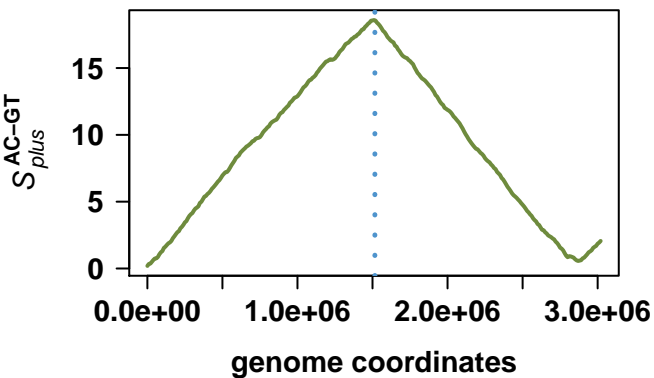
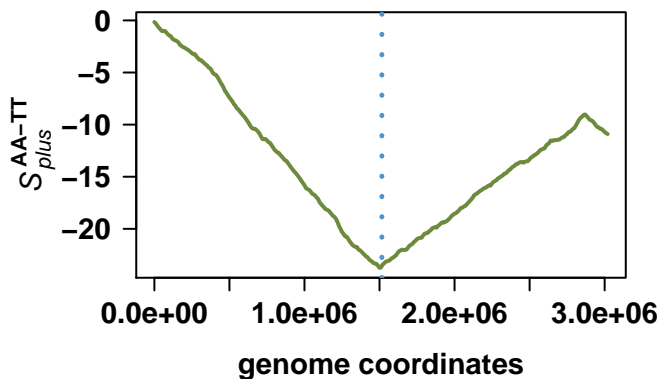
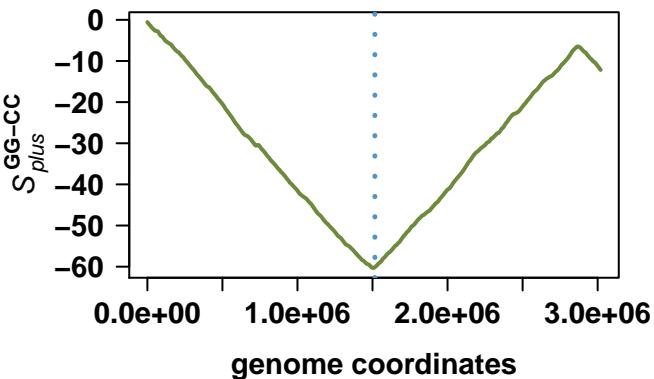
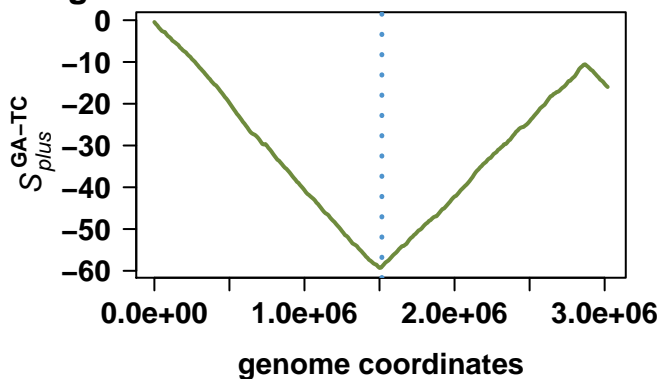
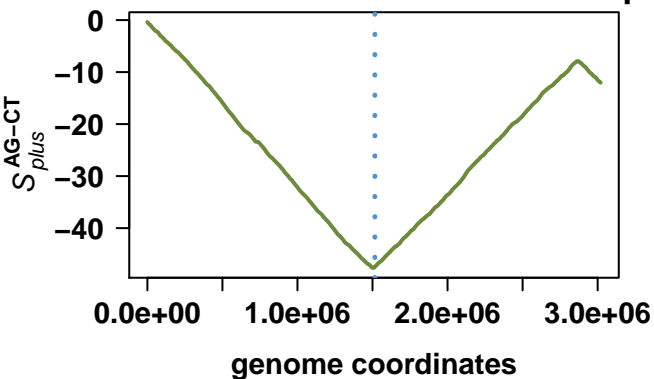
# *Listeria monocytogenes* EGD-e



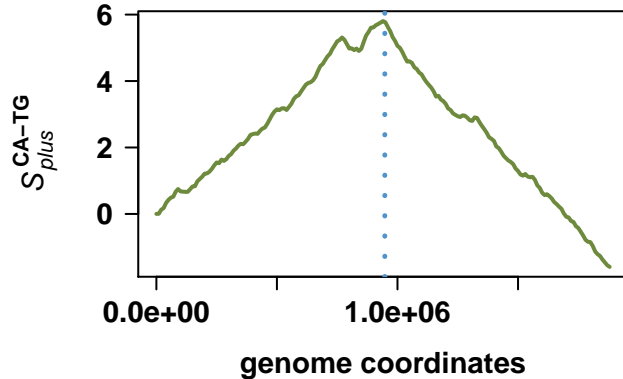
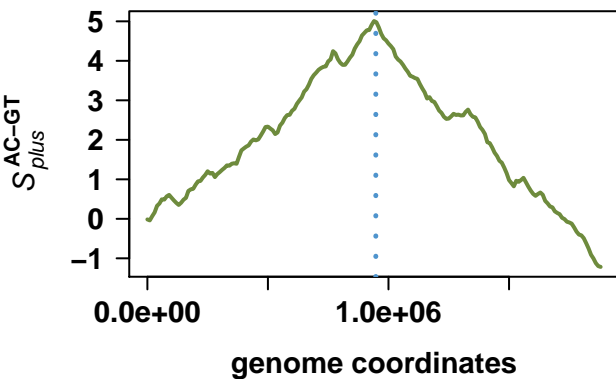
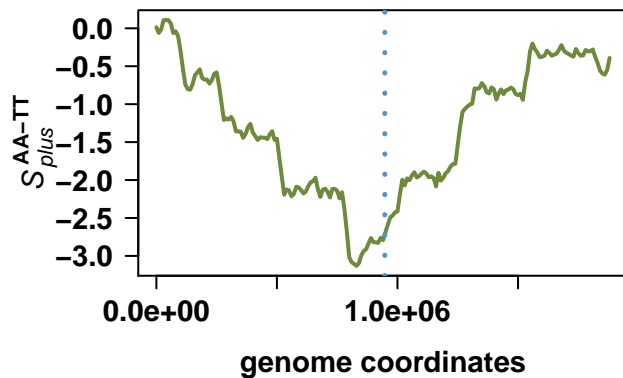
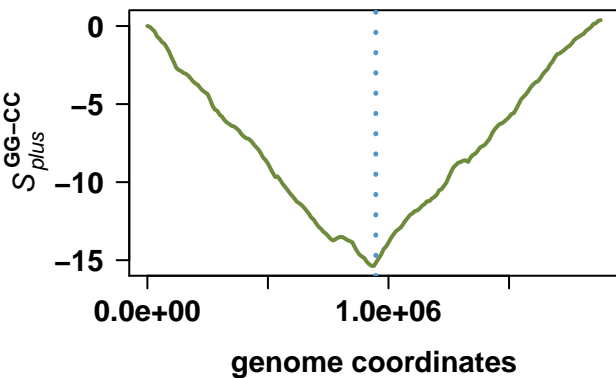
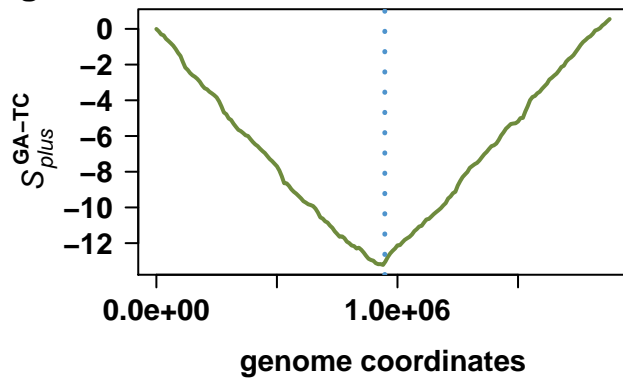
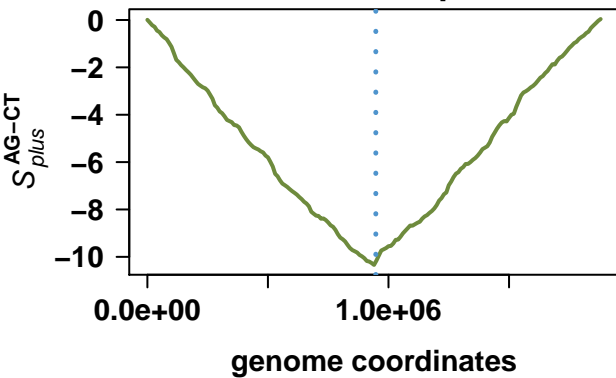
# Listeria innocua Clip11262



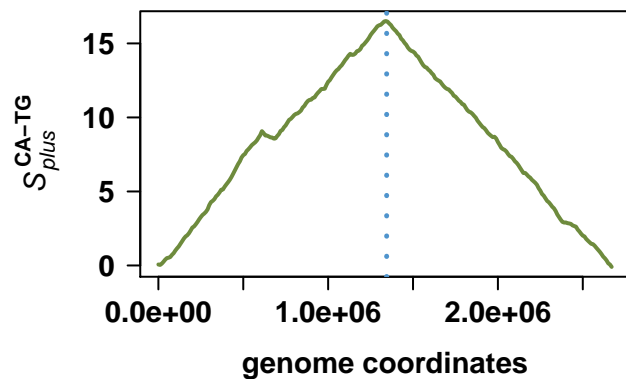
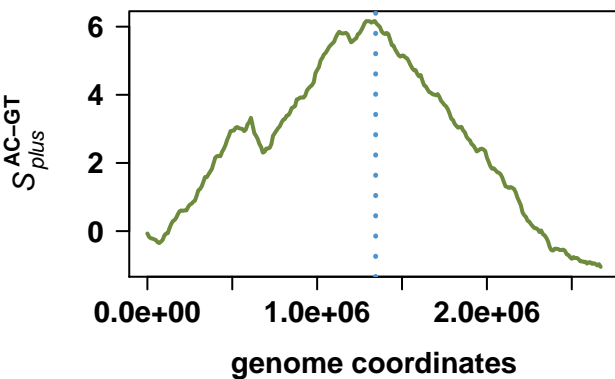
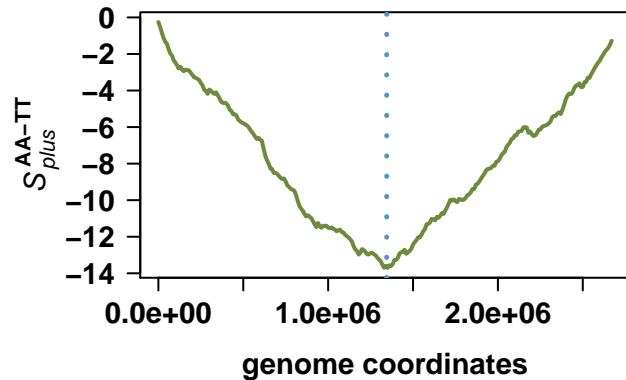
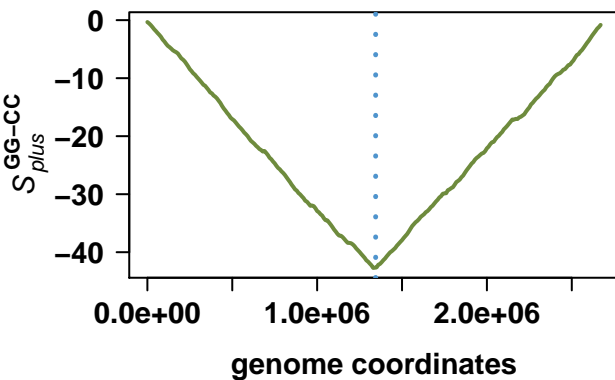
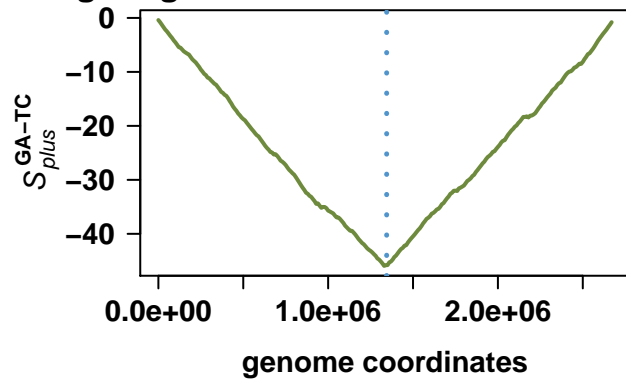
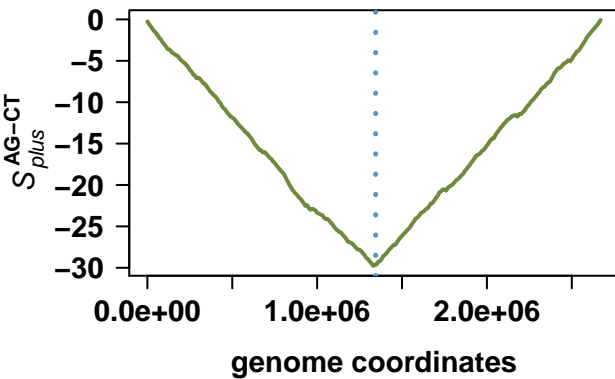
# Clostridium perfringens str. 13



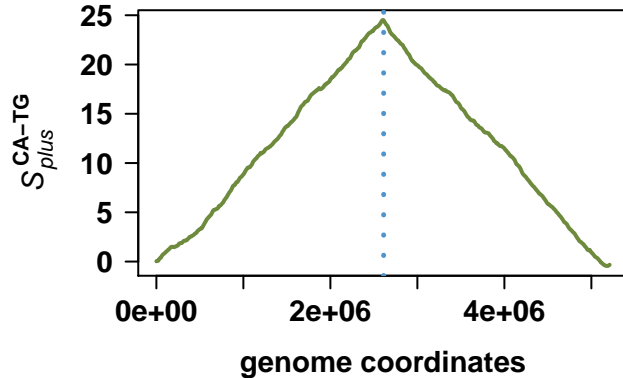
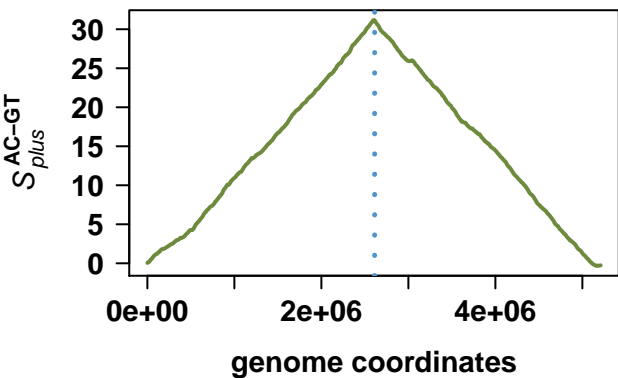
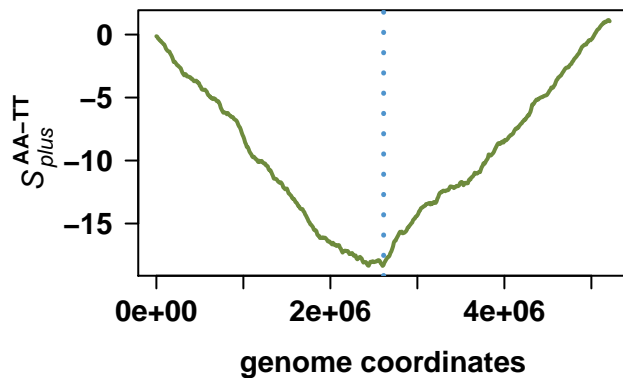
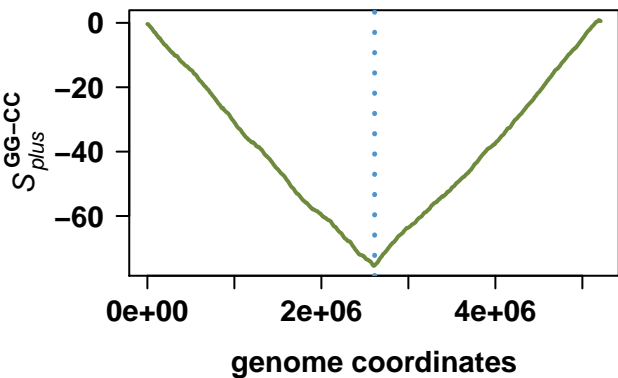
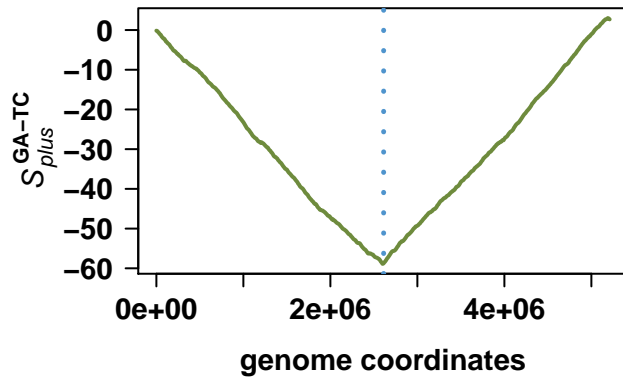
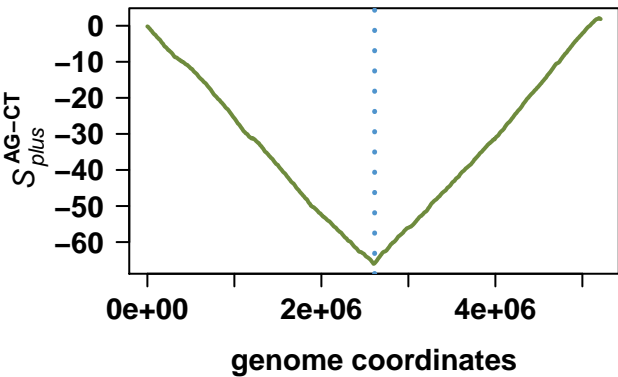
# Streptococcus pyogenes MGAS8232



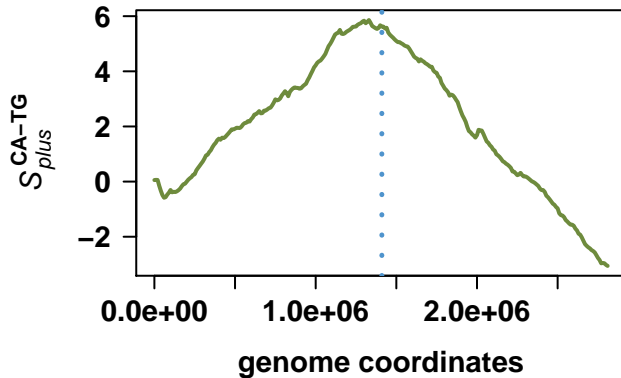
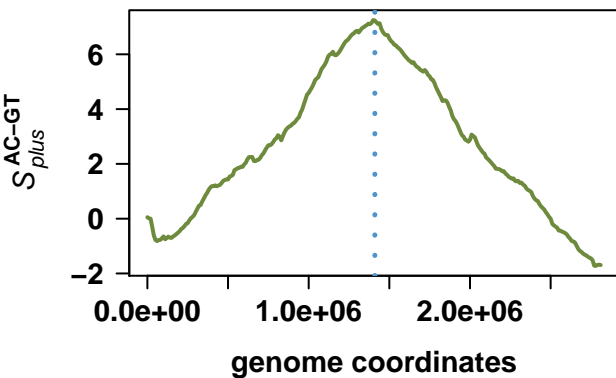
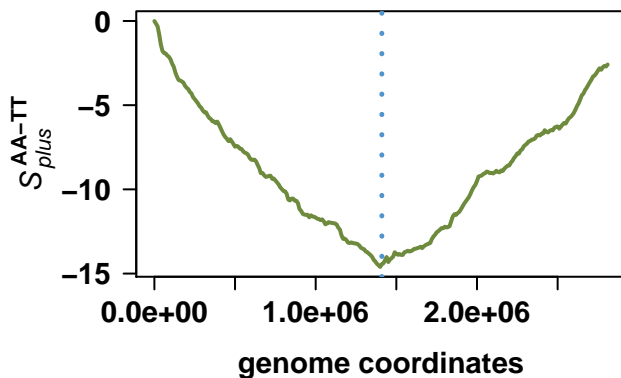
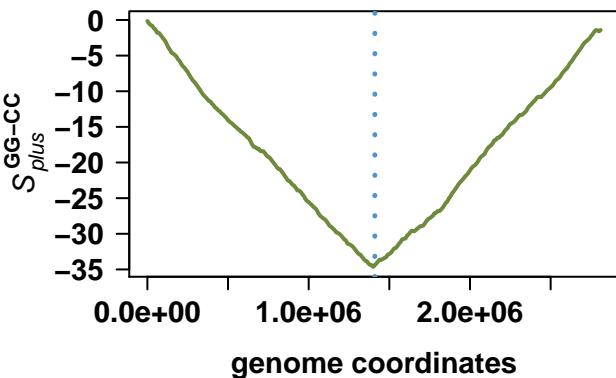
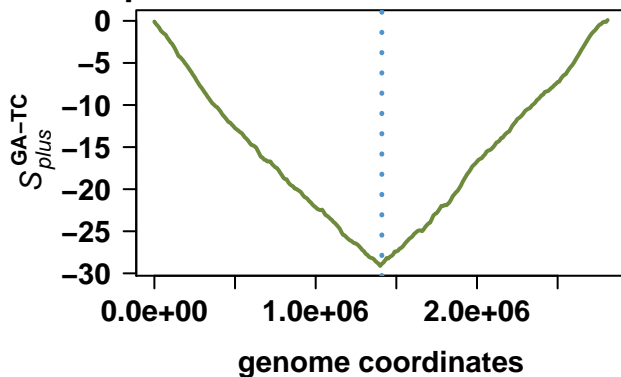
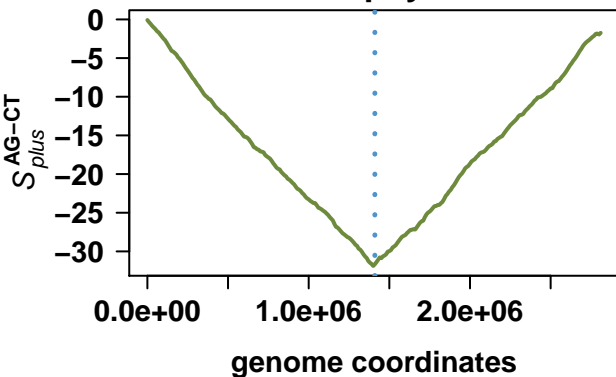
# Thermoanaerobacter tengcongensis MB4



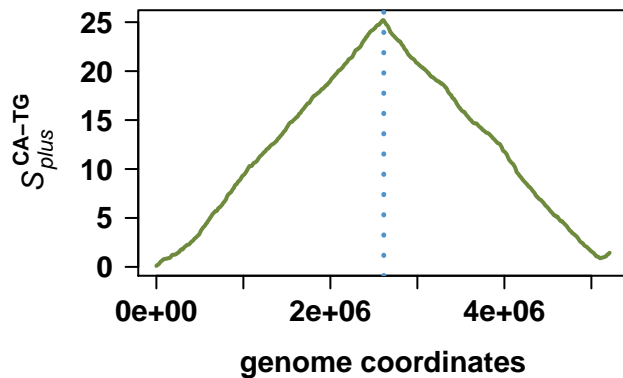
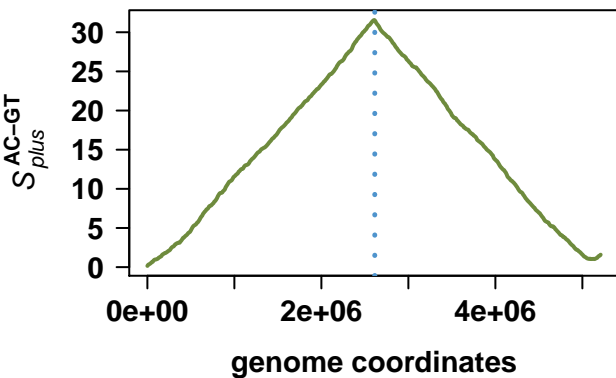
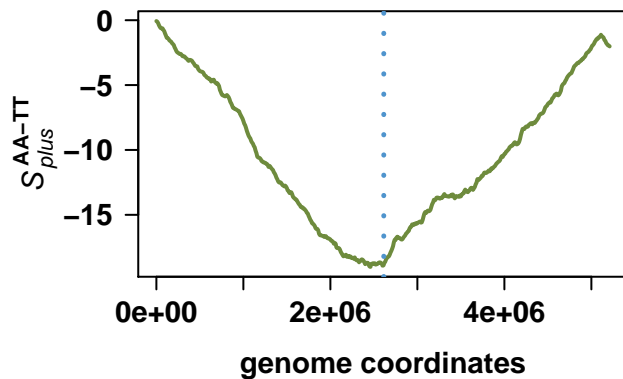
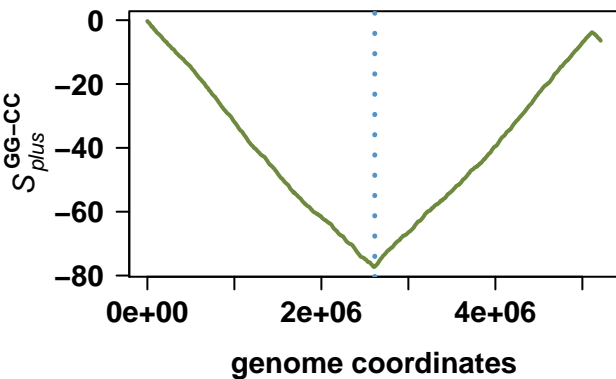
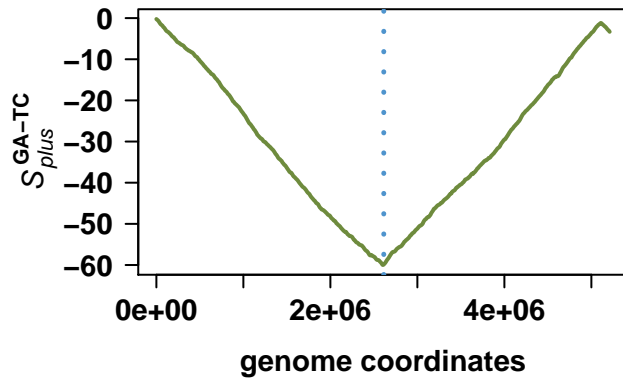
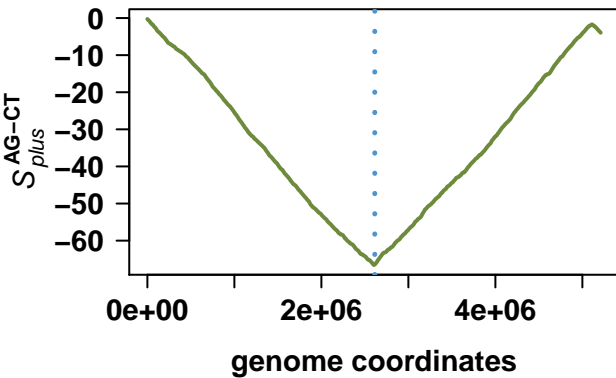
# Bacillus cereus ATCC 10987



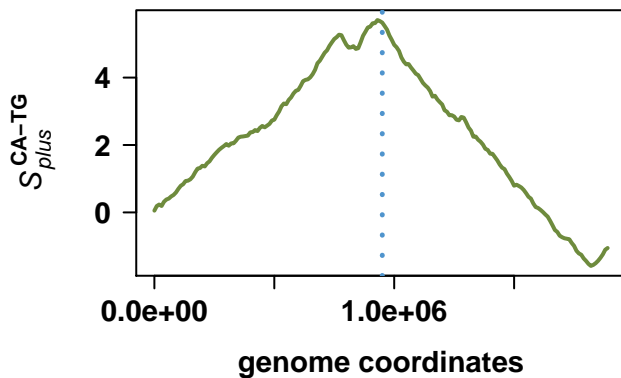
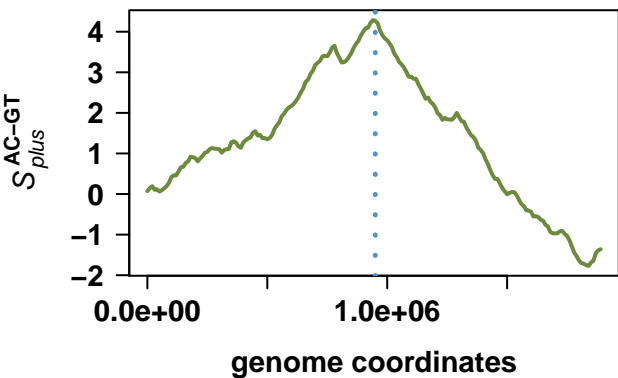
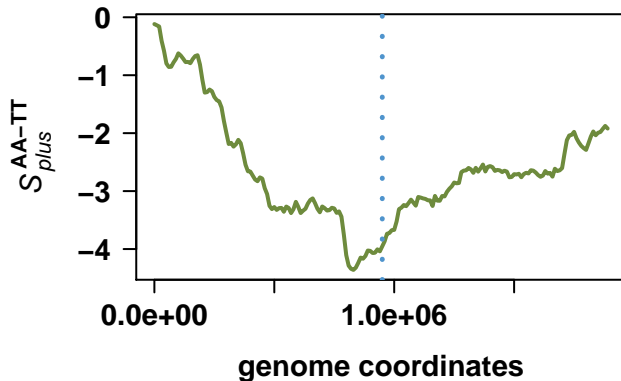
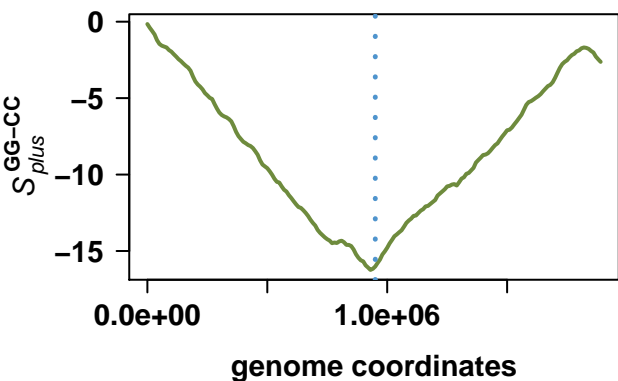
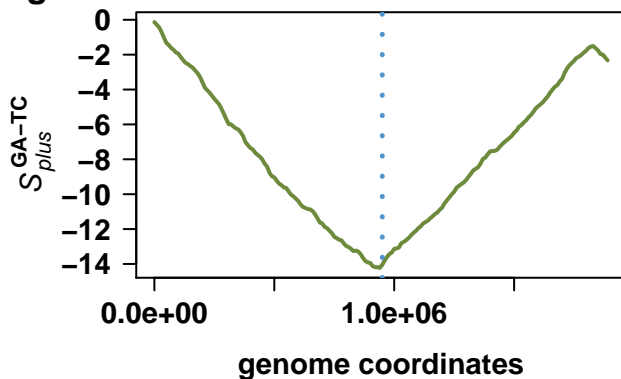
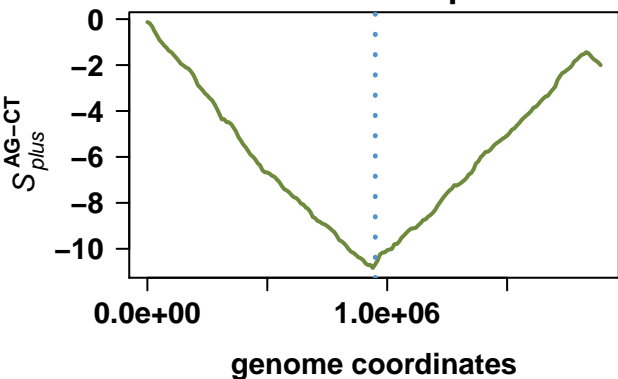
# Staphylococcus aureus subsp. aureus MW2



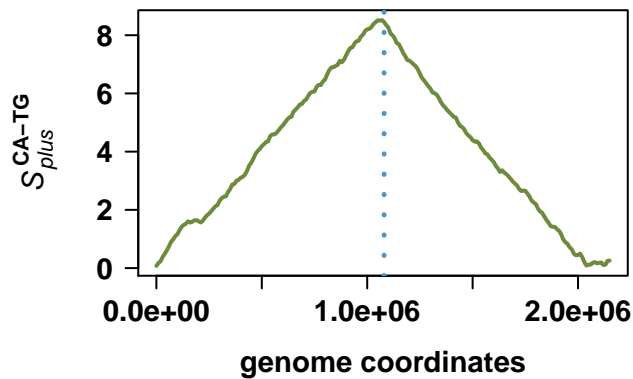
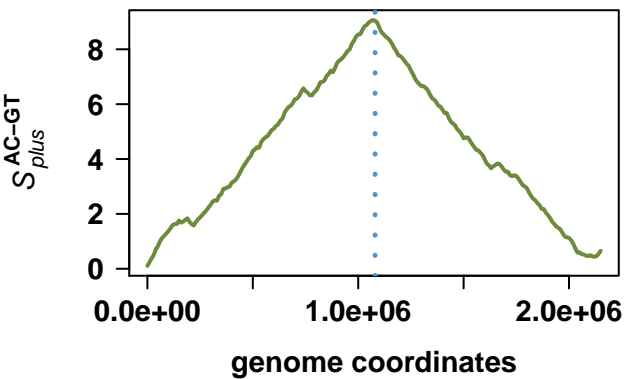
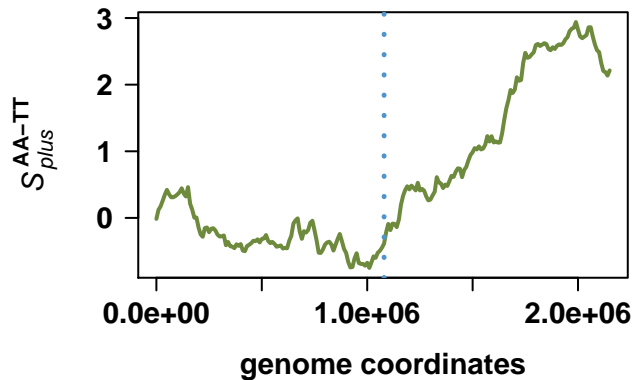
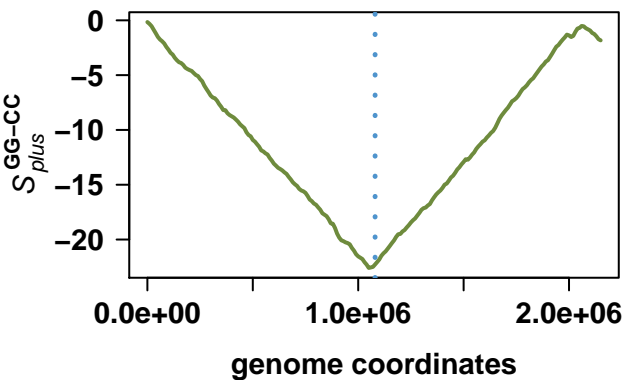
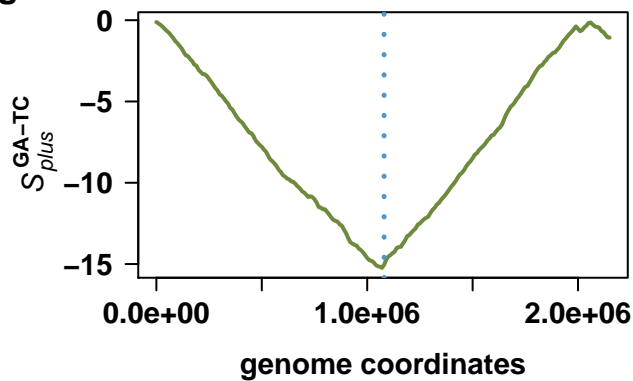
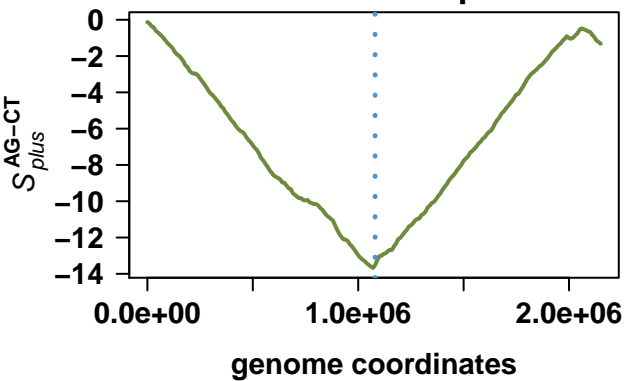
# Bacillus anthracis str. Ames



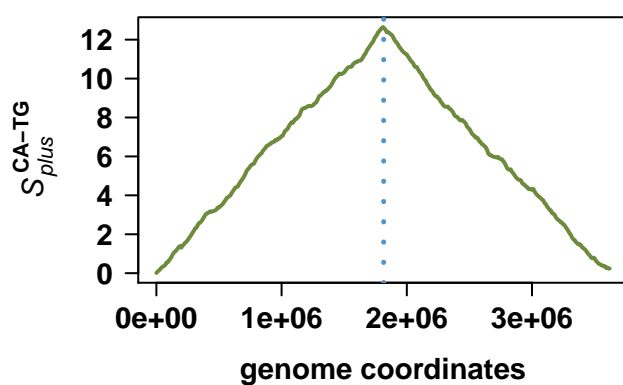
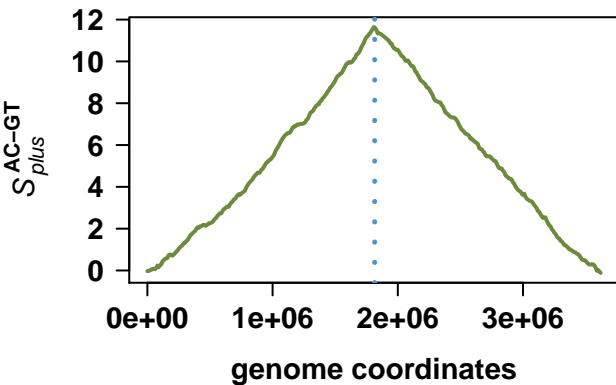
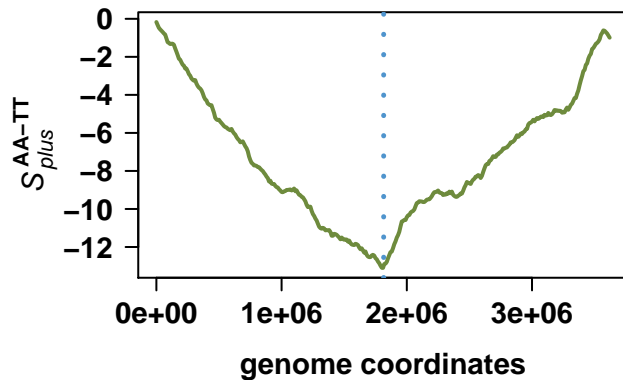
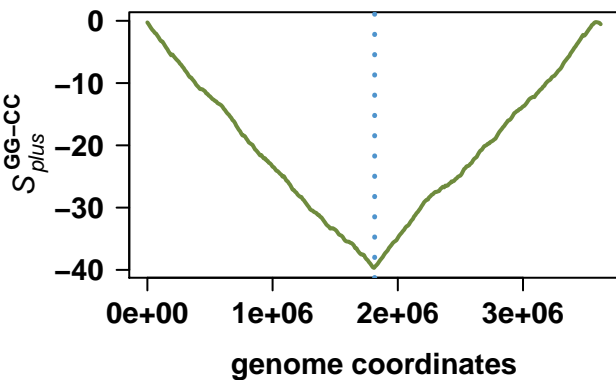
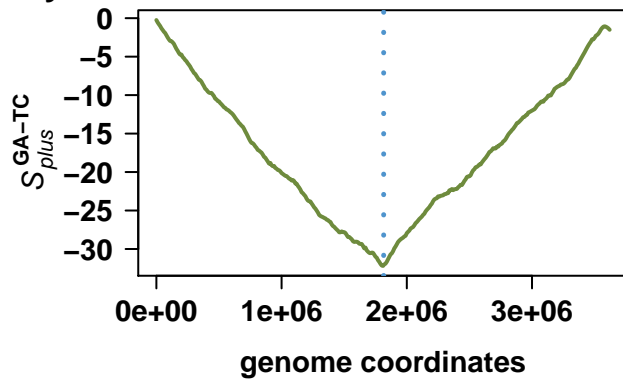
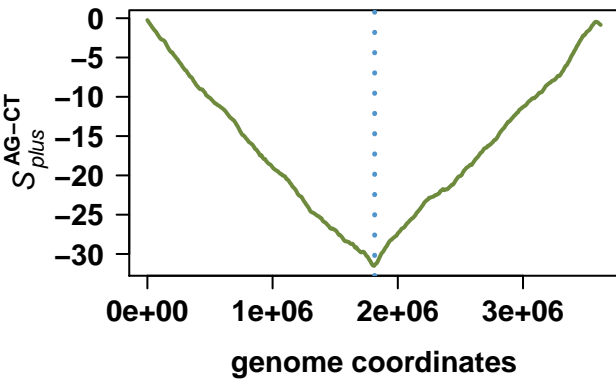
# Streptococcus pyogenes MGAS315



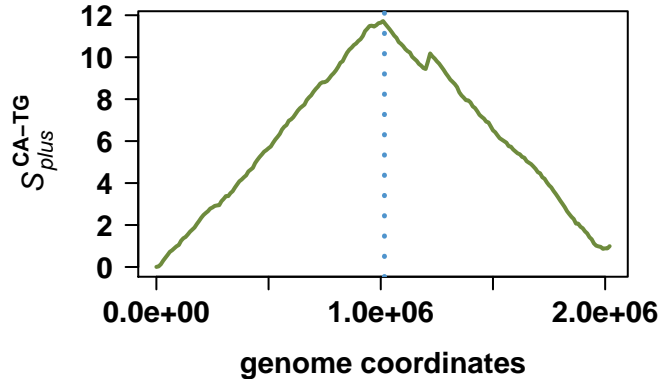
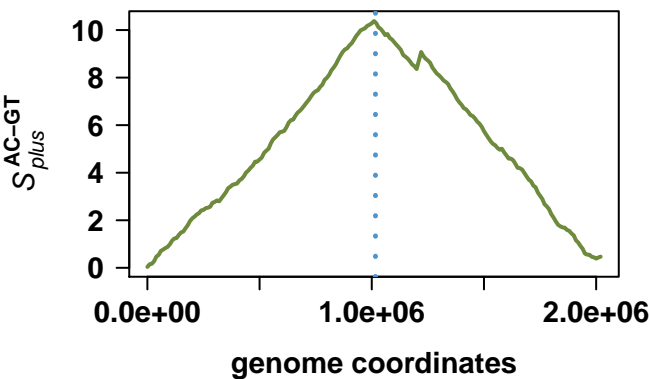
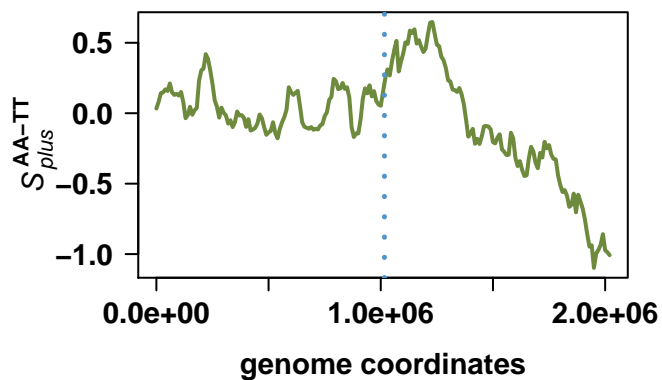
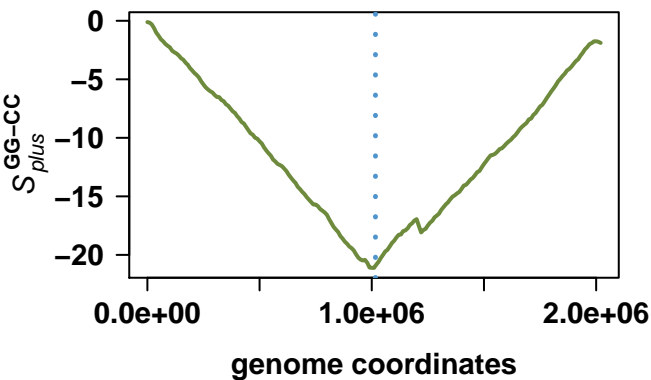
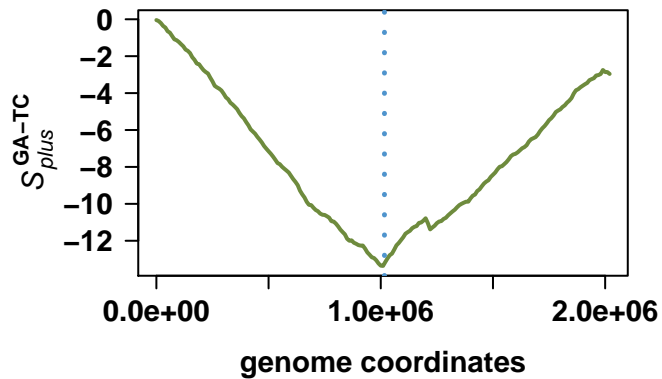
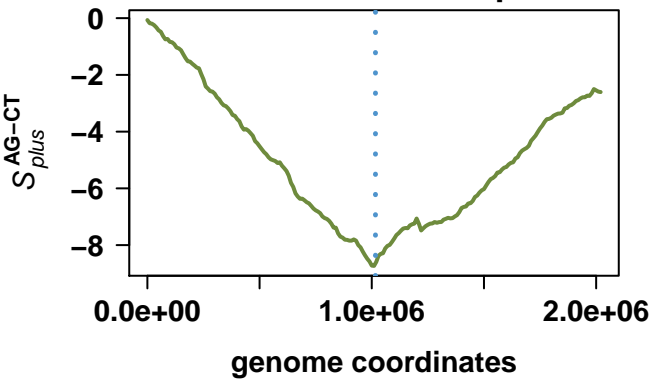
# Streptococcus agalactiae 2603V/R



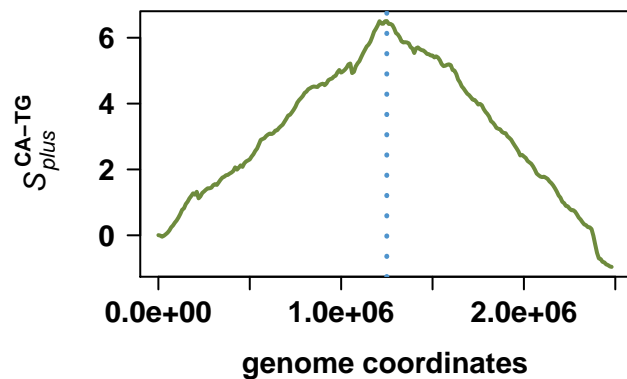
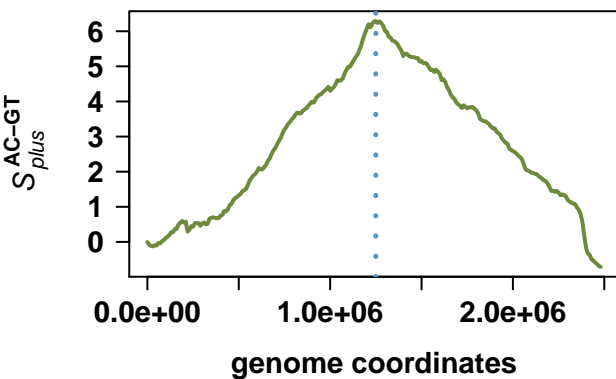
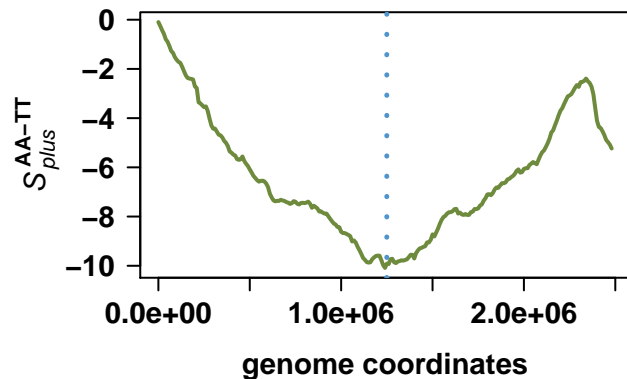
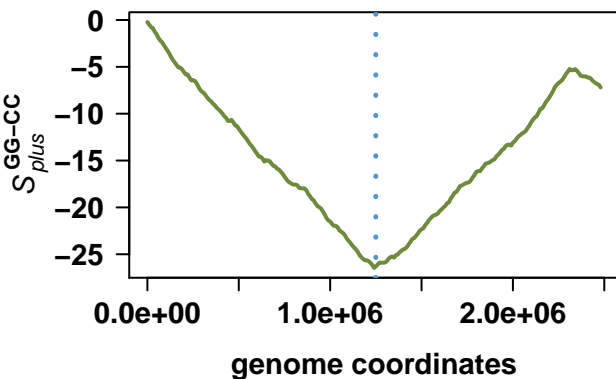
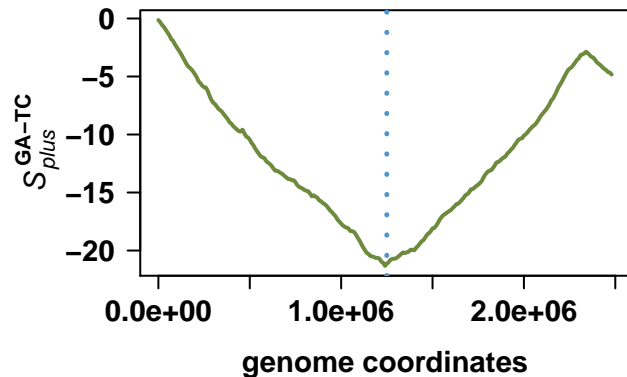
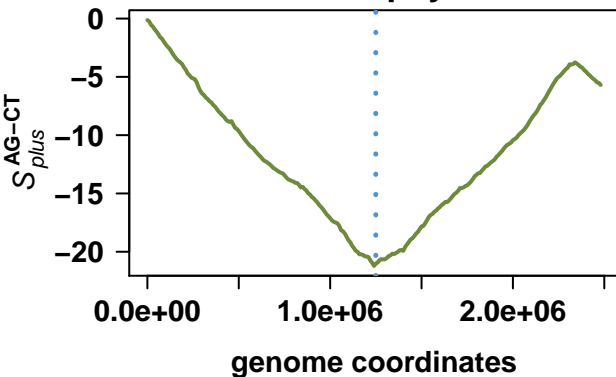
# Oceanobacillus iheyensis HTE831



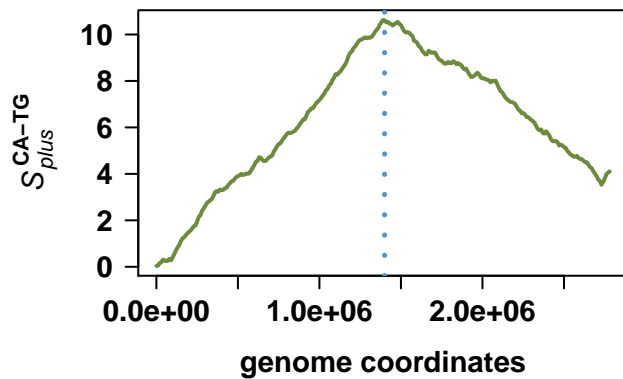
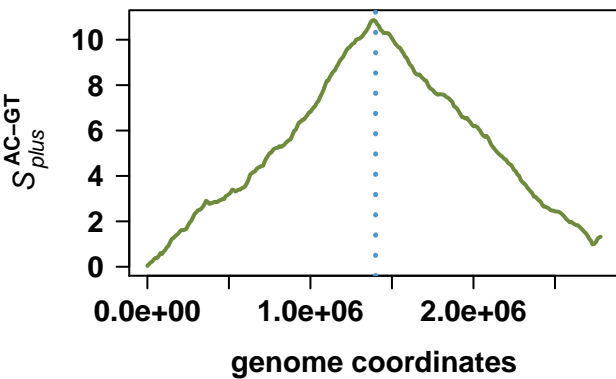
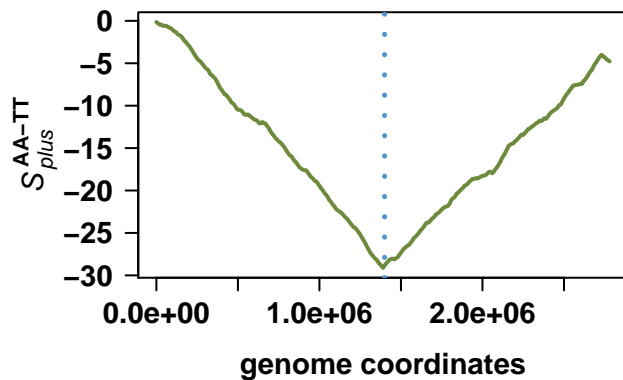
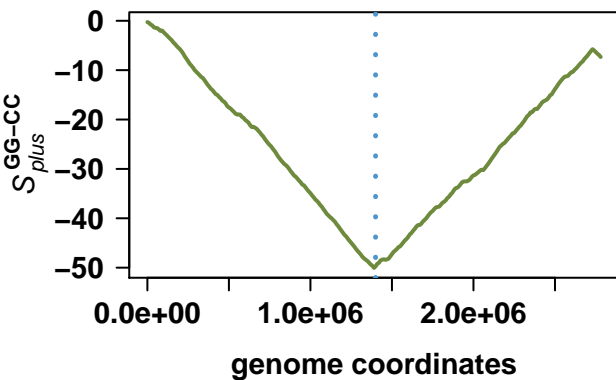
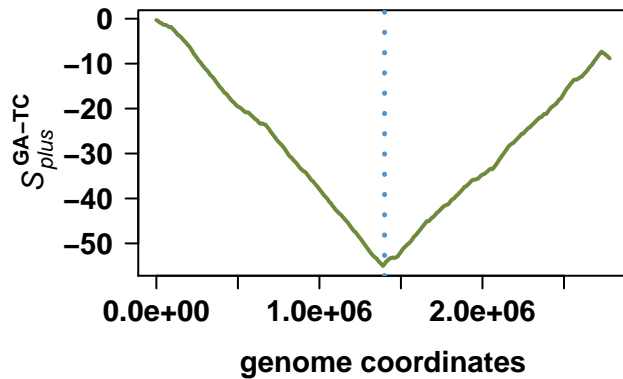
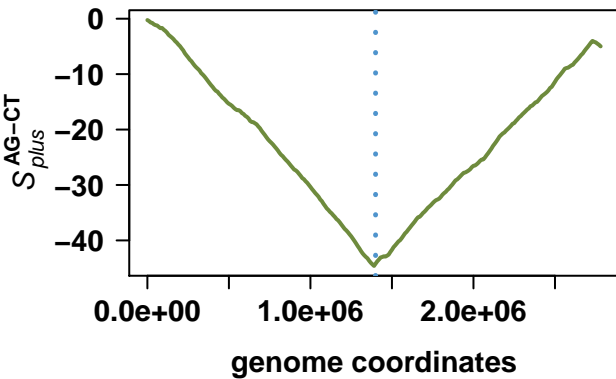
# Streptococcus mutans UA159



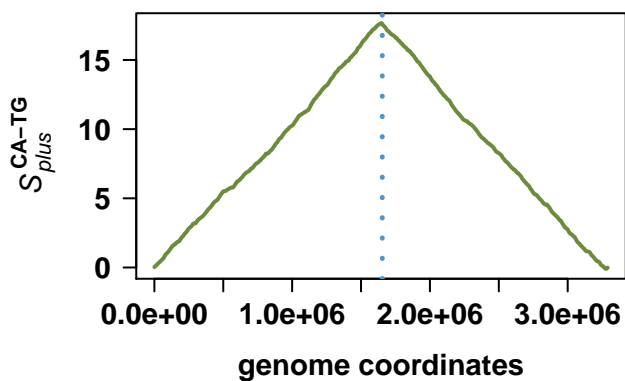
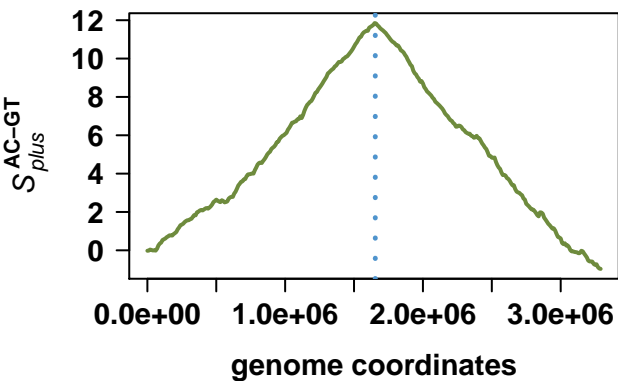
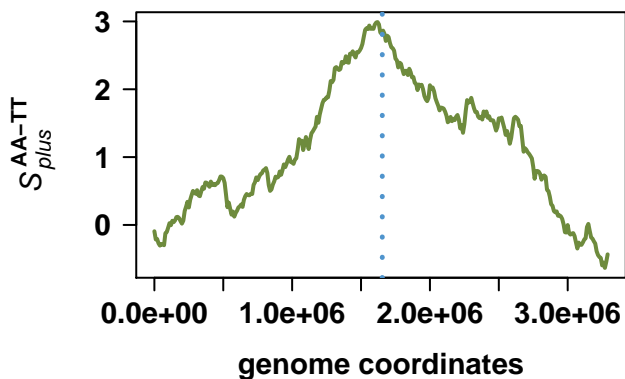
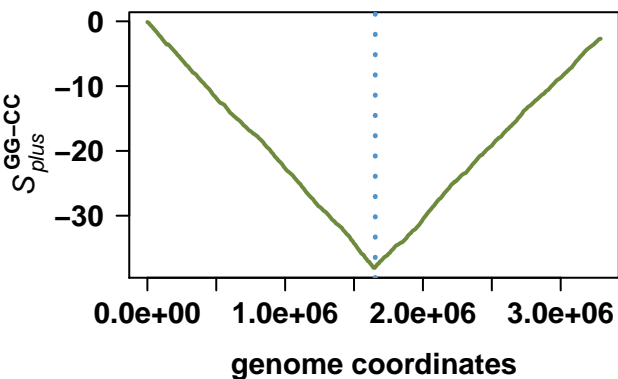
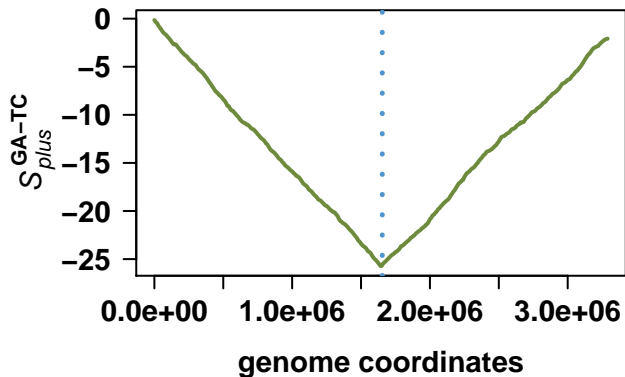
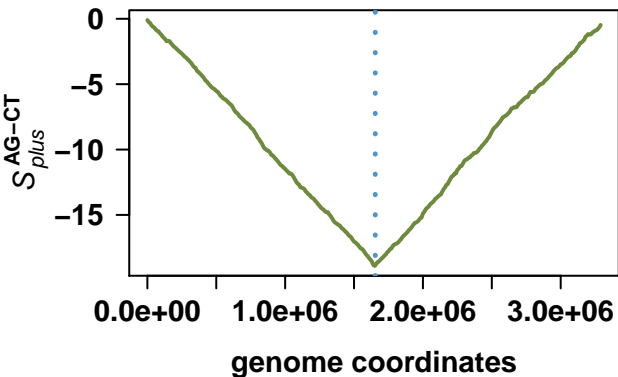
# Staphylococcus epidermidis ATCC 12228



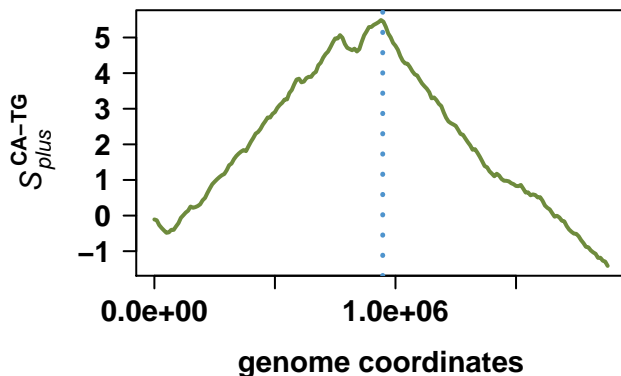
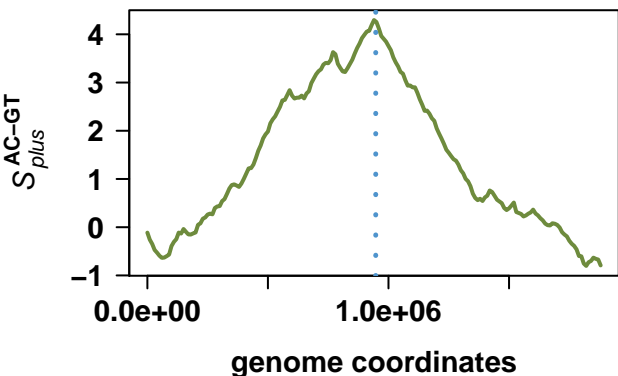
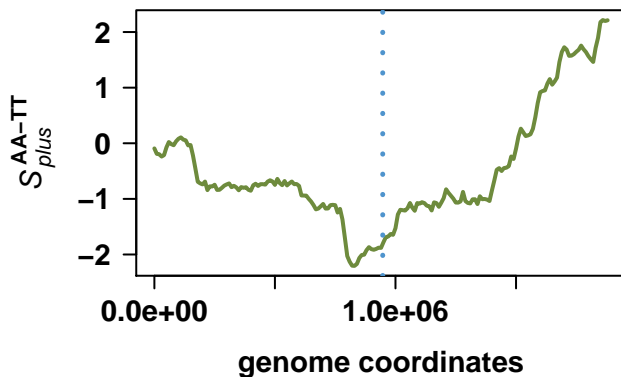
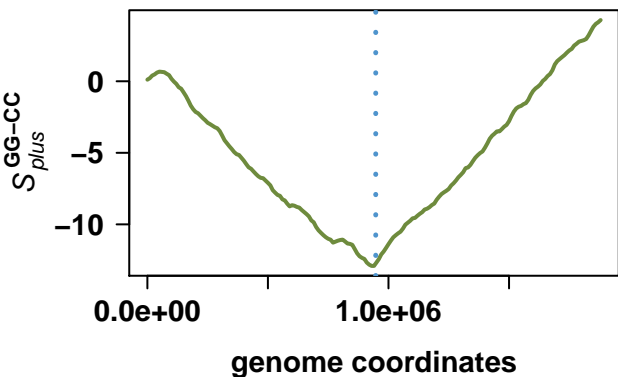
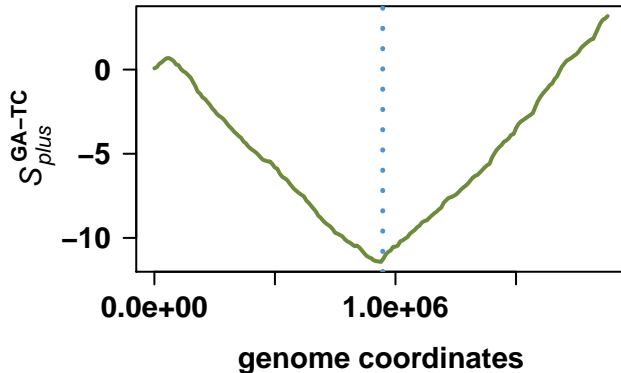
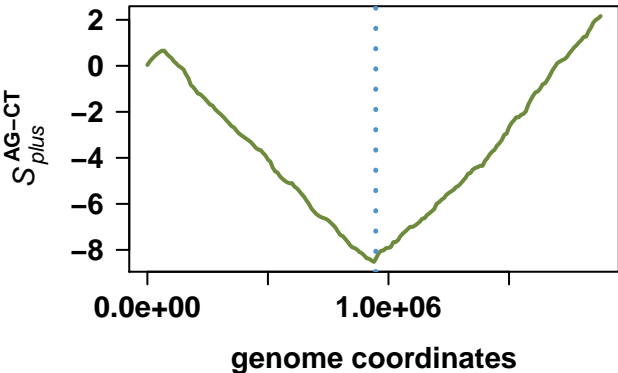
# Clostridium tetani E88



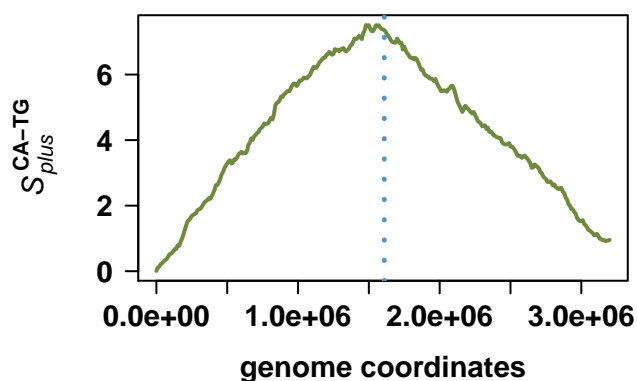
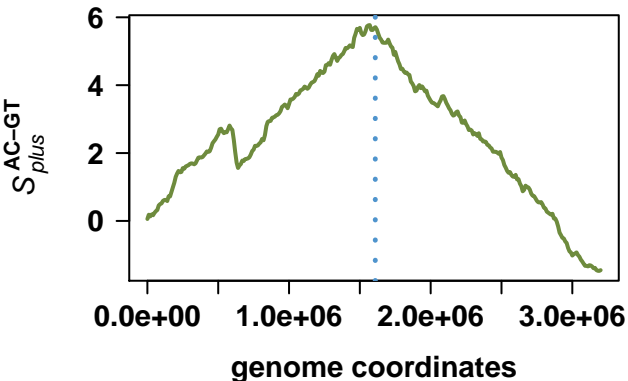
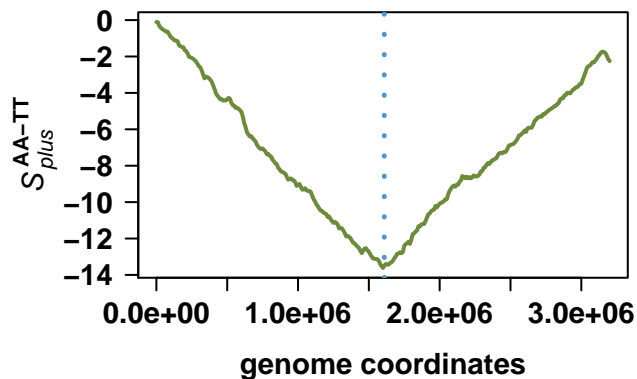
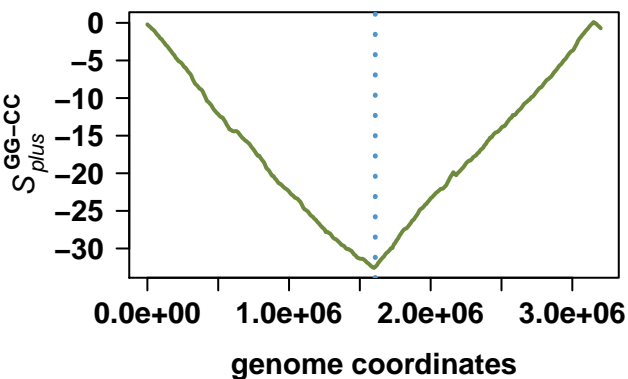
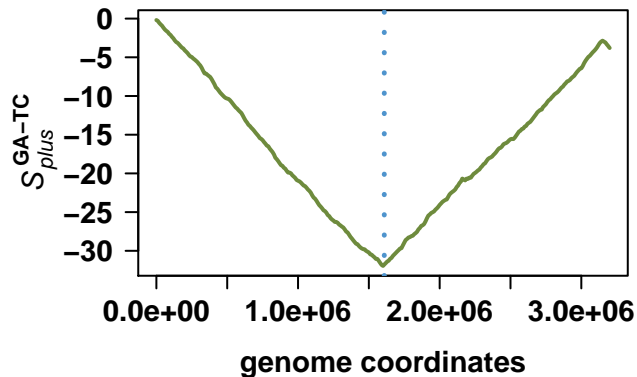
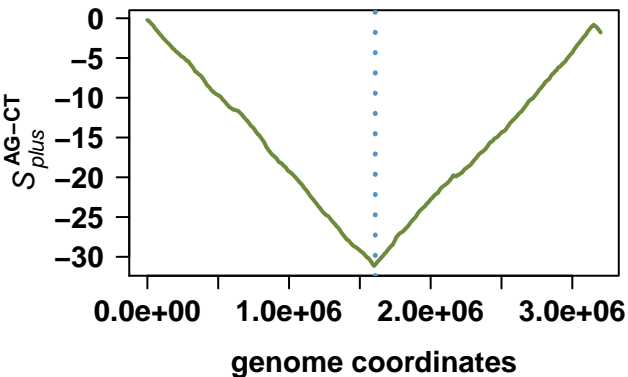
# Lactobacillus plantarum WCFS1



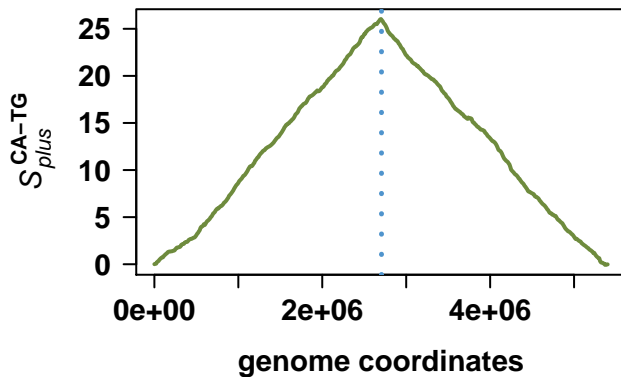
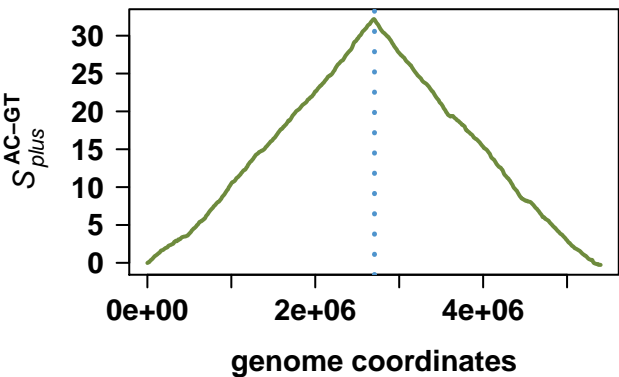
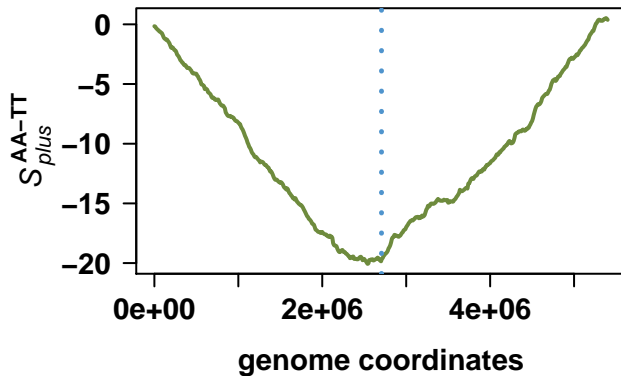
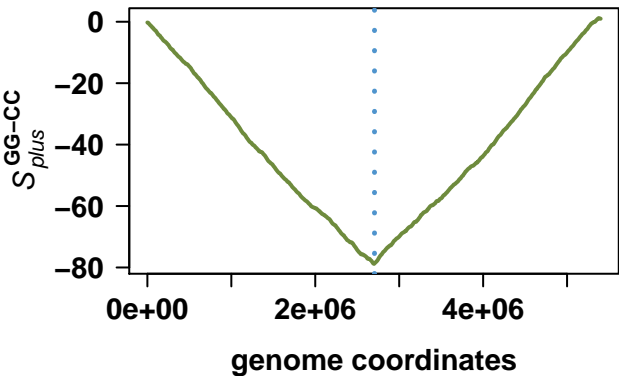
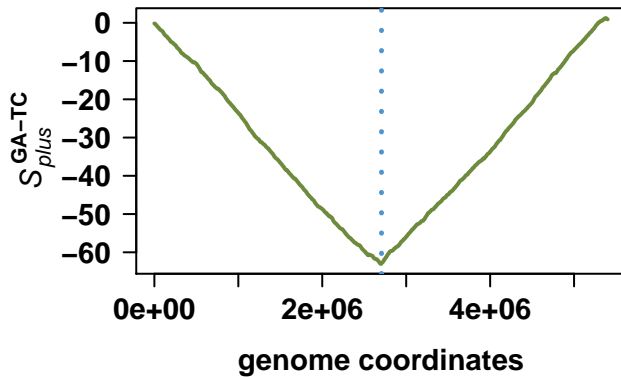
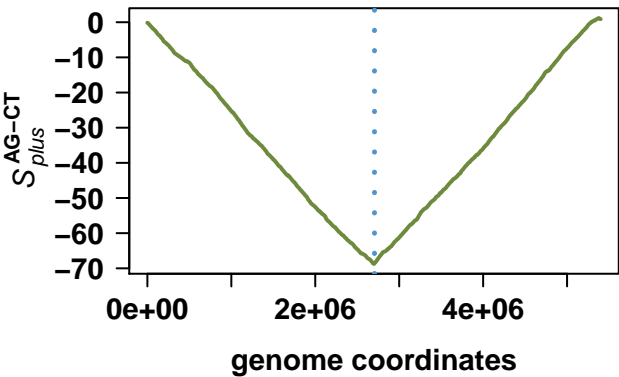
# Streptococcus pyogenes SSI-1



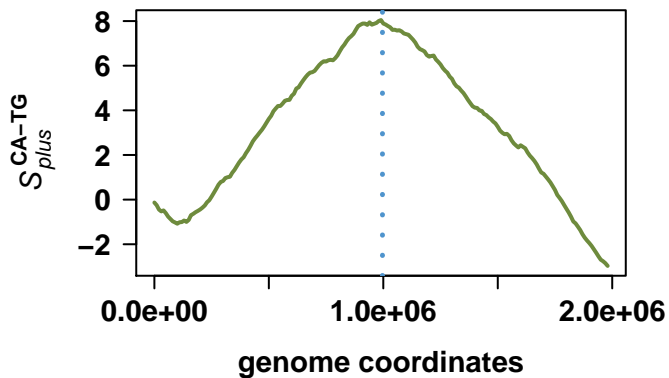
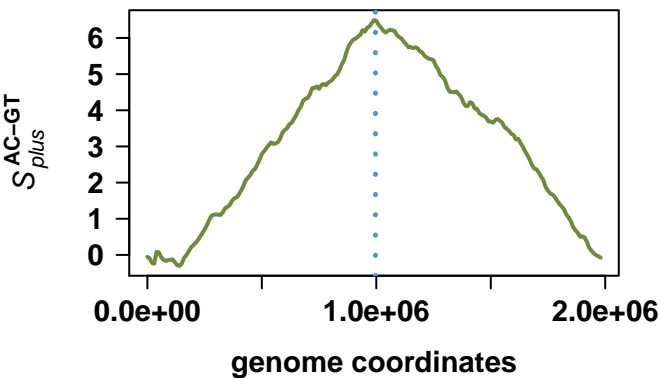
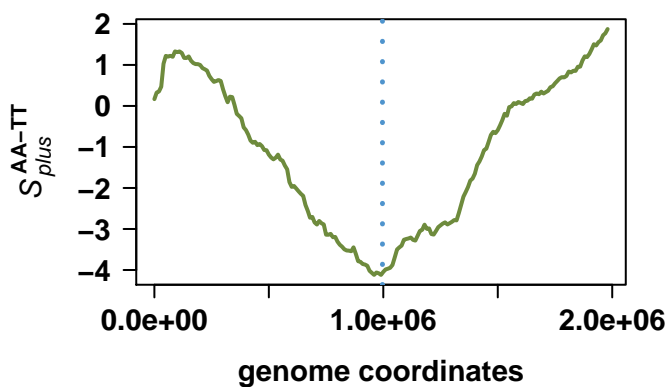
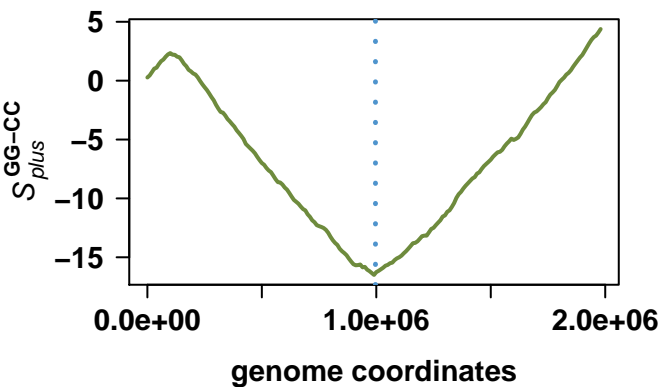
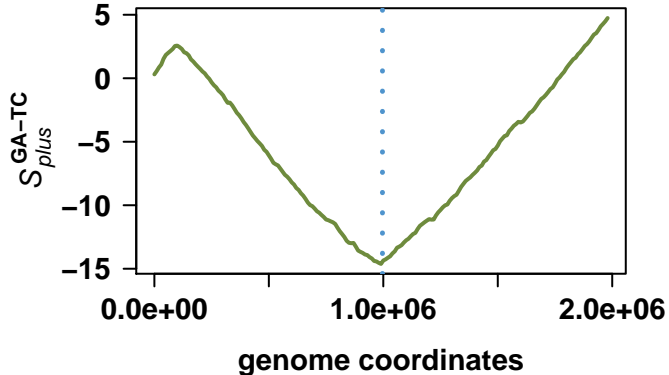
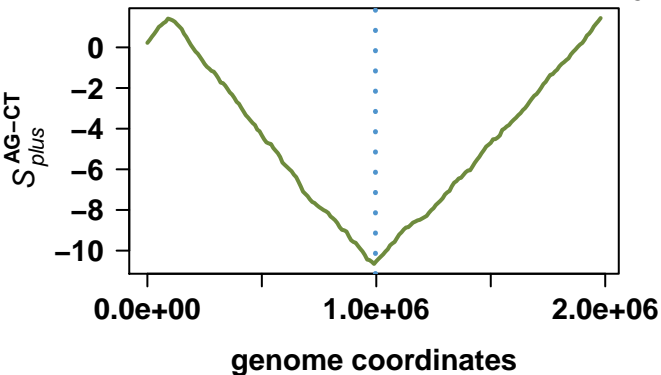
# Enterococcus faecalis V583



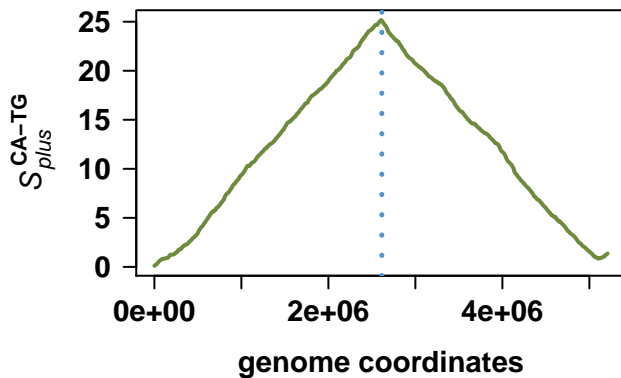
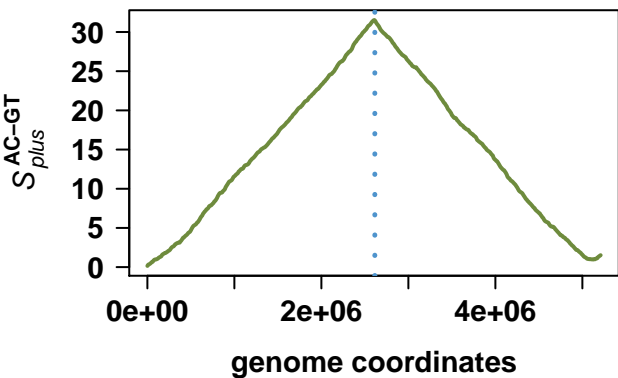
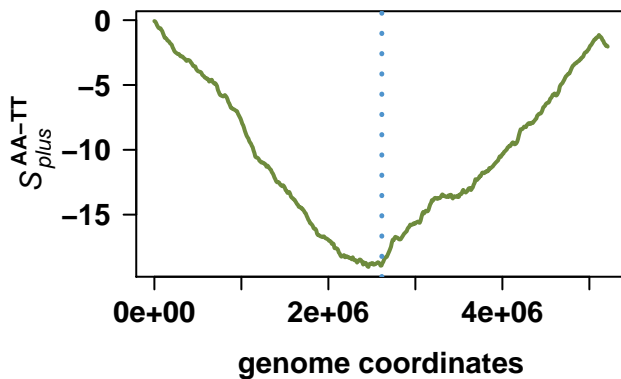
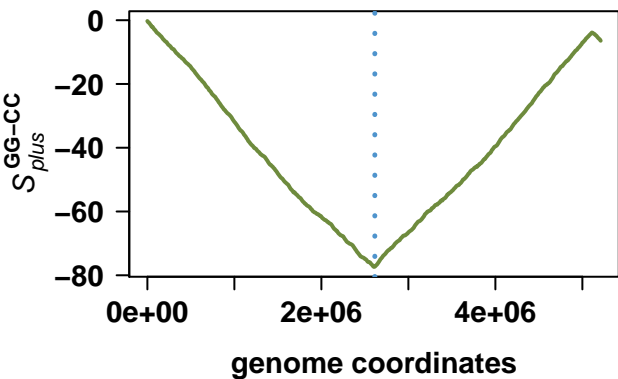
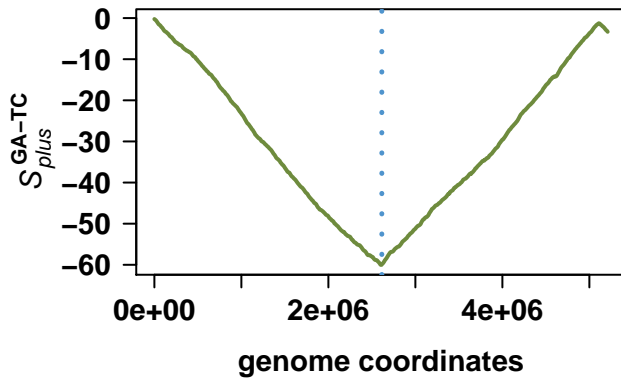
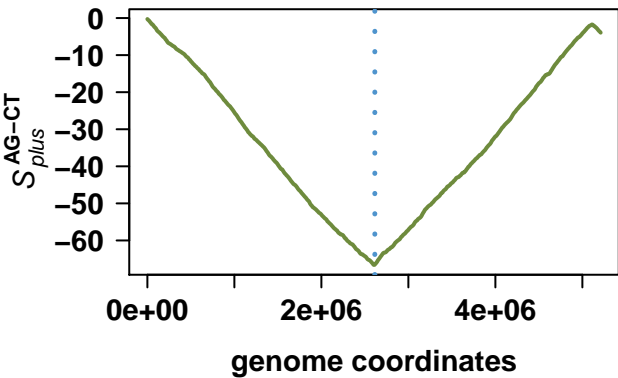
# Bacillus cereus ATCC 14579



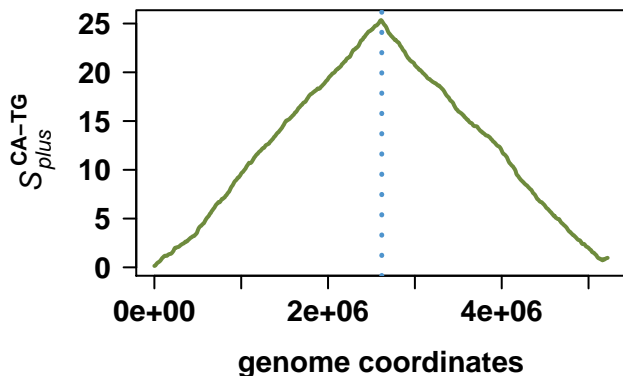
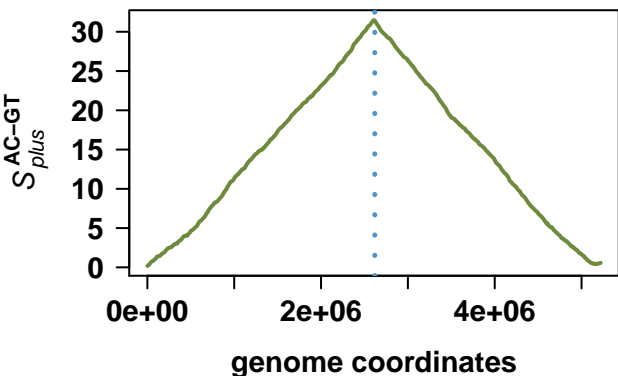
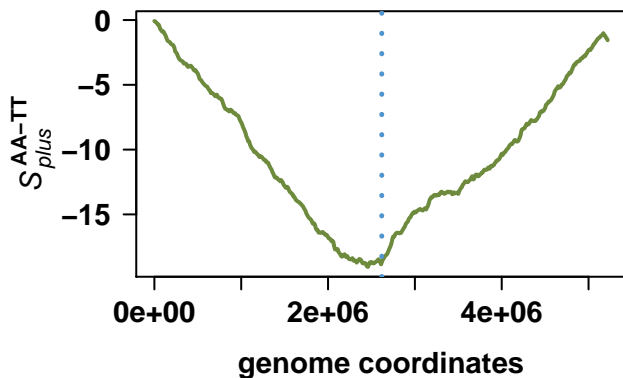
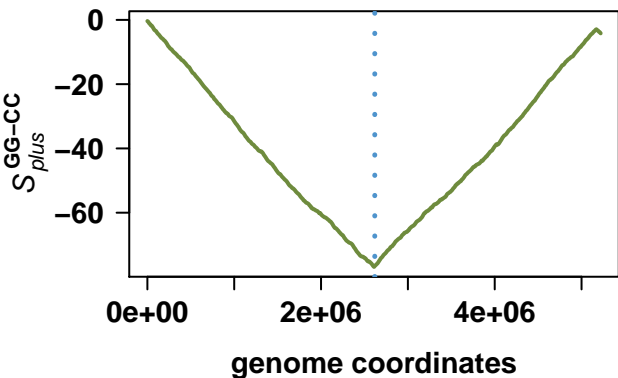
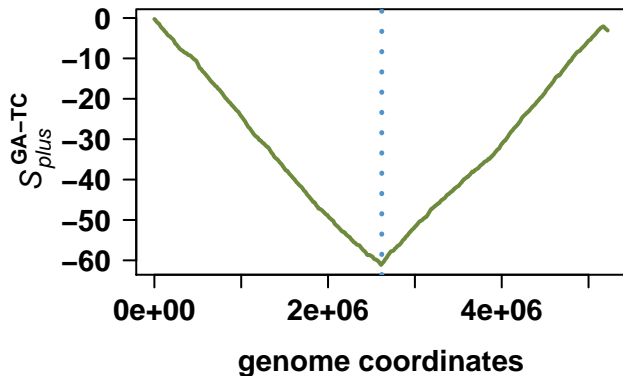
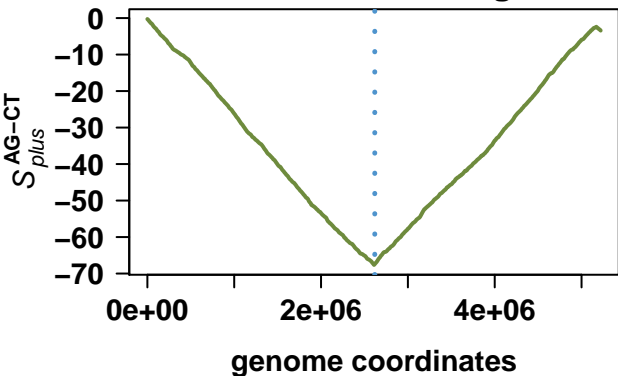
# Lactobacillus johnsonii NCC 533



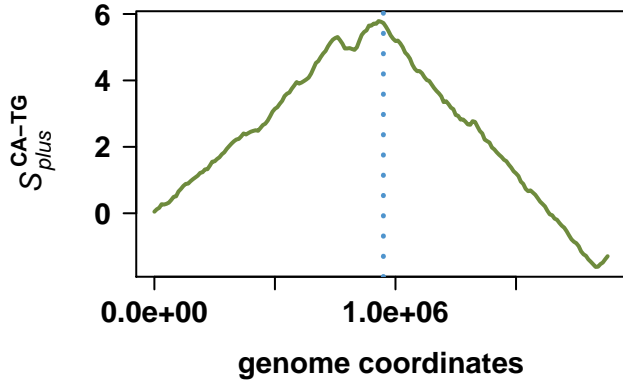
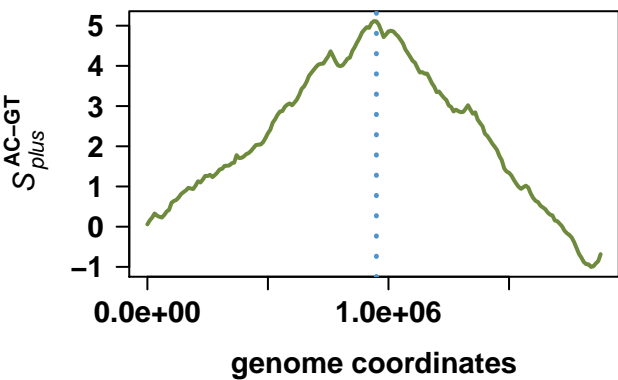
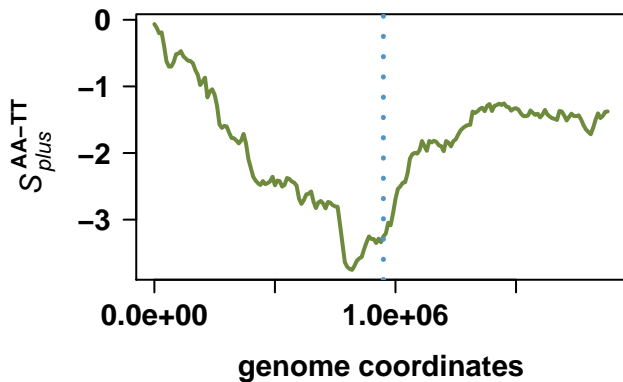
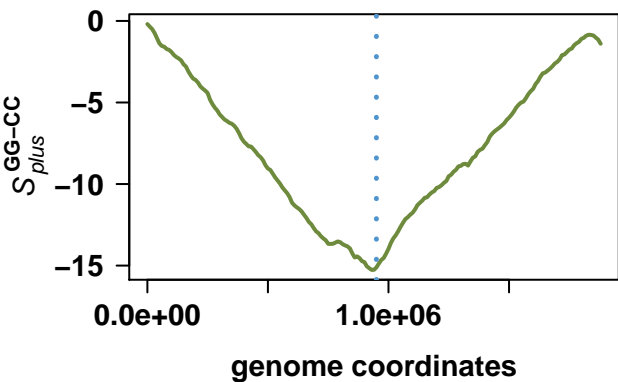
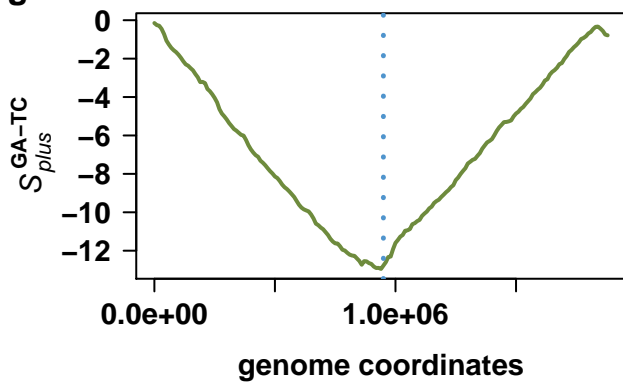
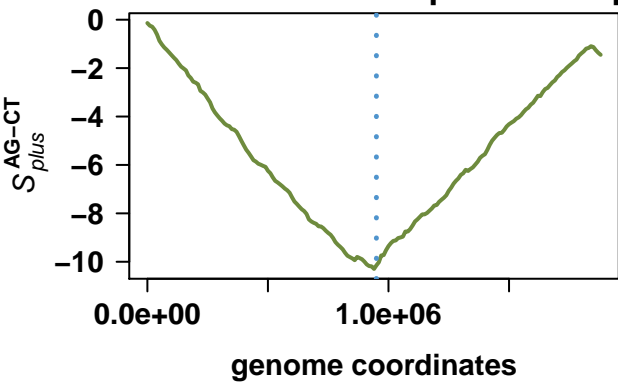
# Bacillus anthracis str. Sterne



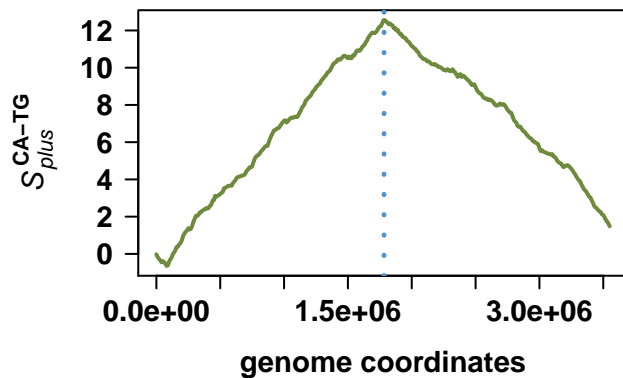
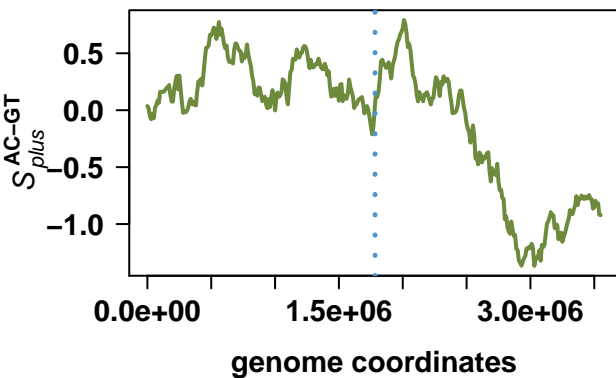
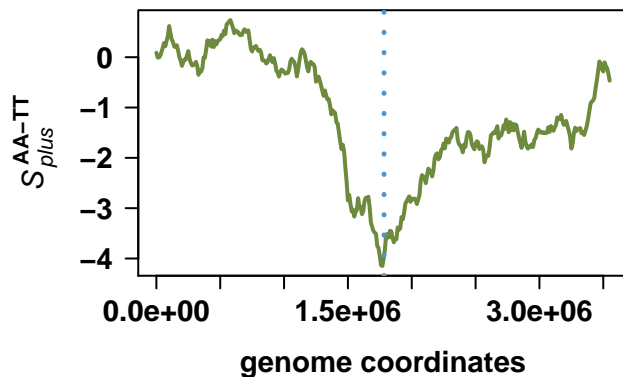
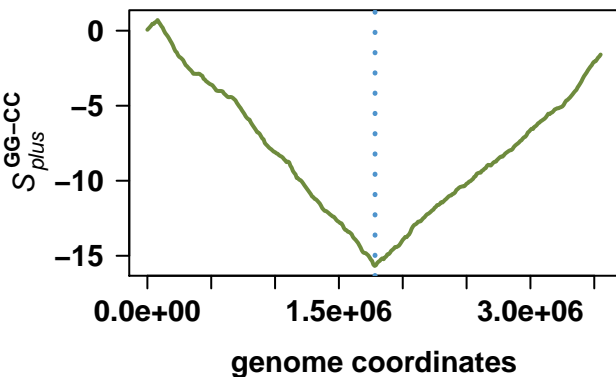
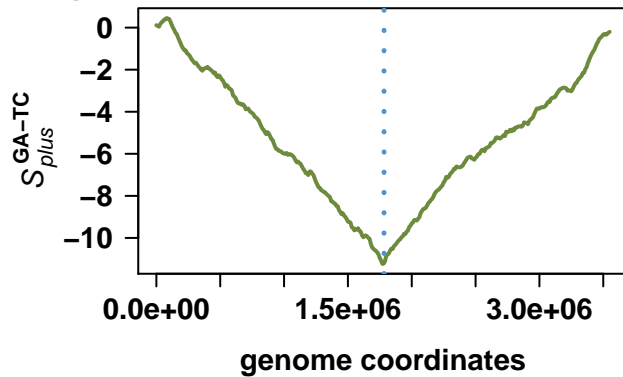
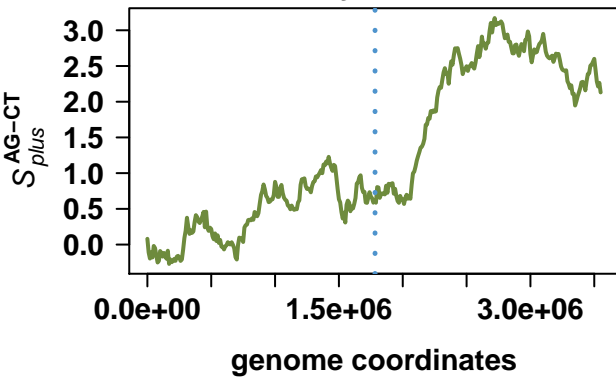
# *Bacillus thuringiensis* serovar konkukian str. 97-27



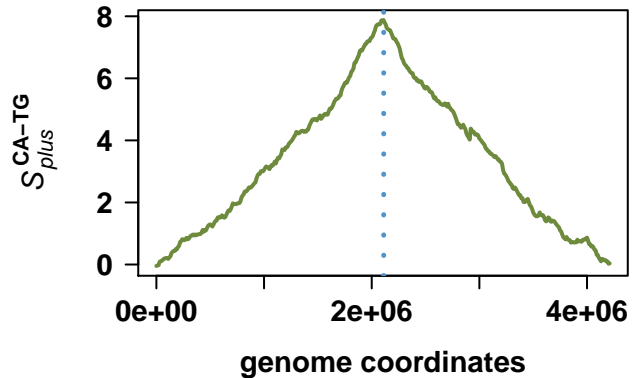
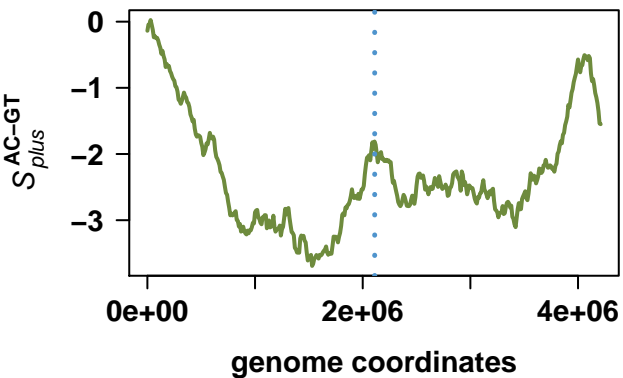
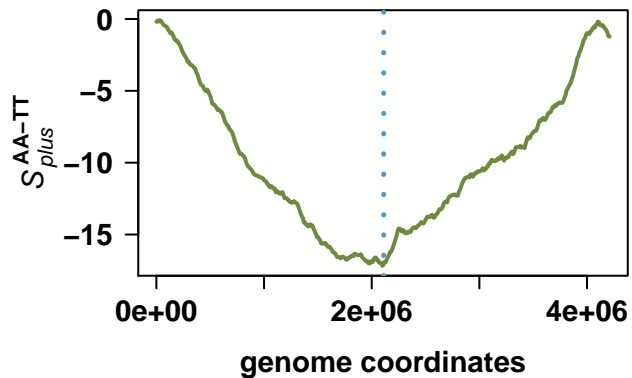
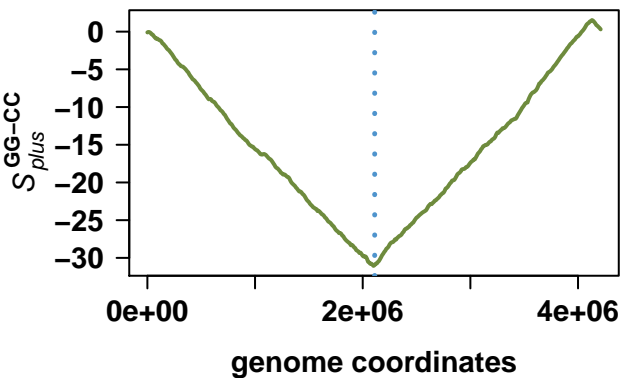
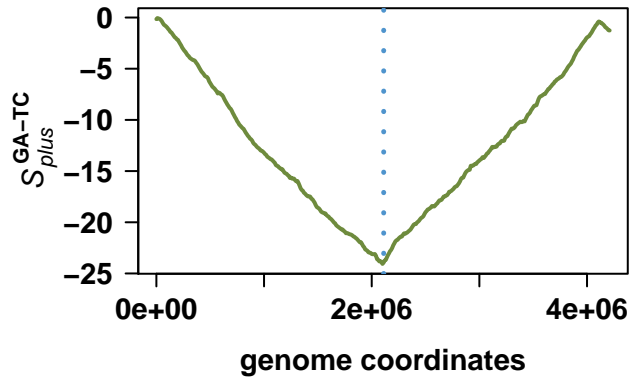
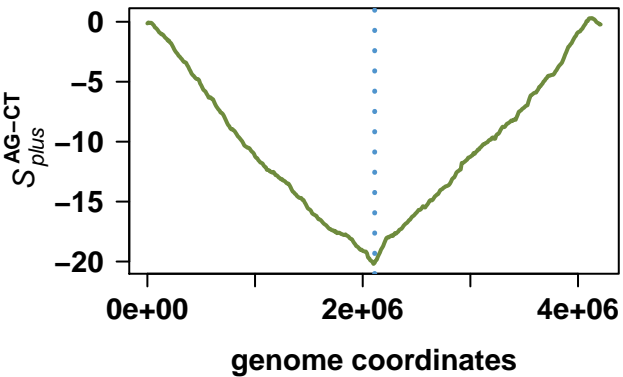
# Streptococcus pyogenes MGAS10394



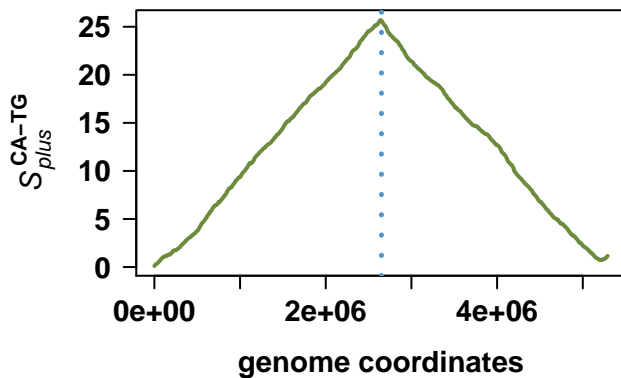
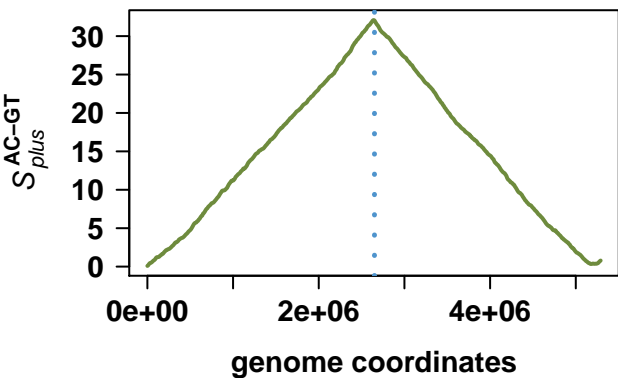
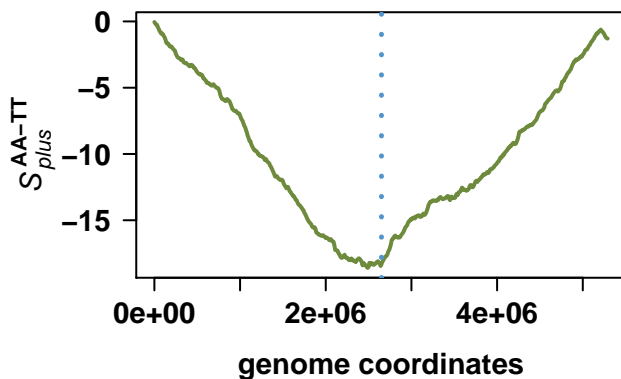
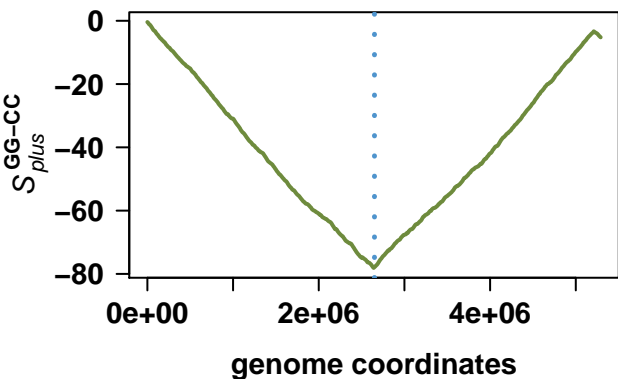
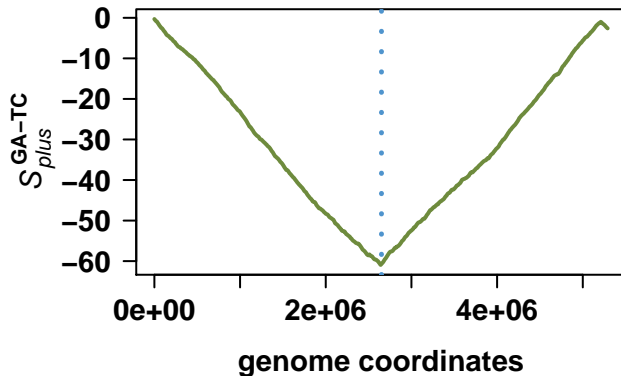
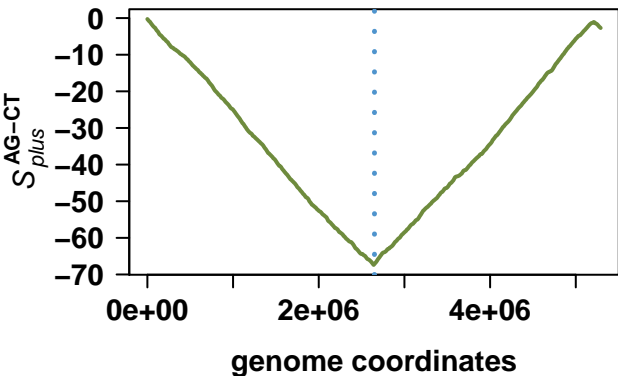
# Symbiobacterium thermophilum IAM 14863



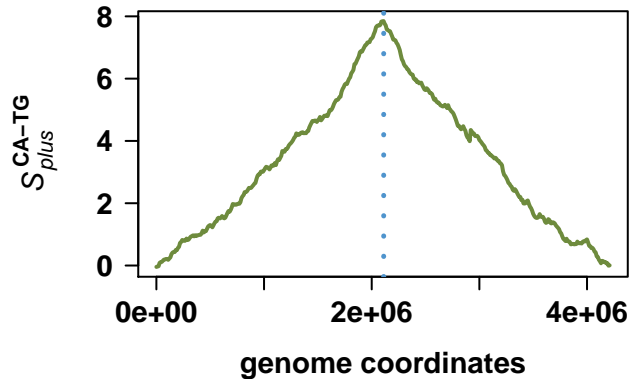
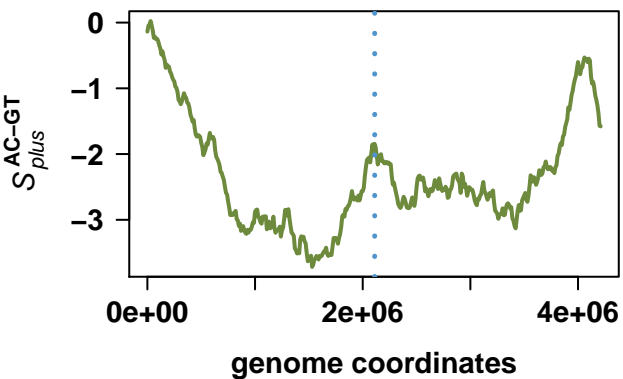
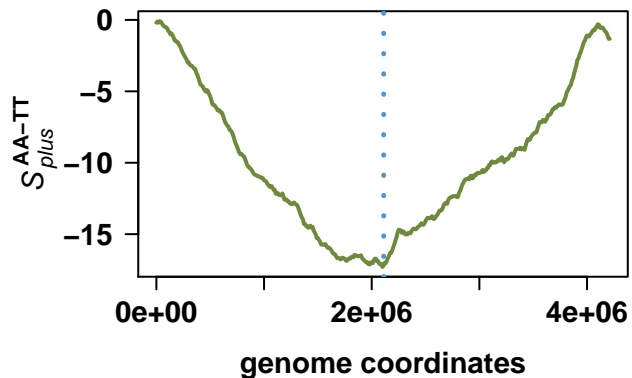
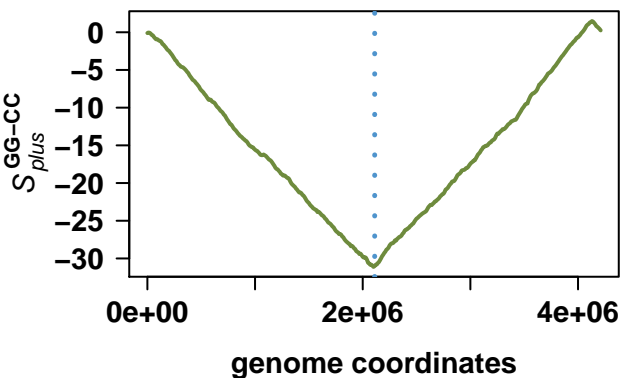
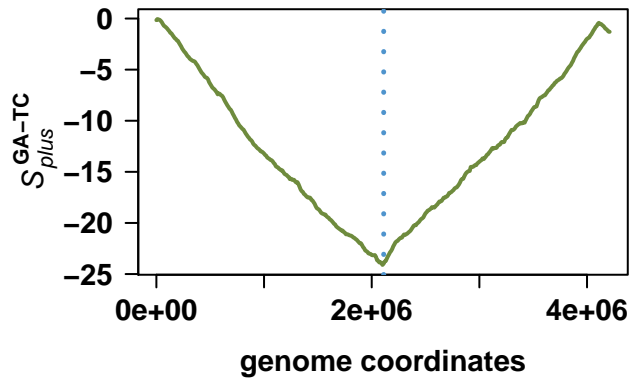
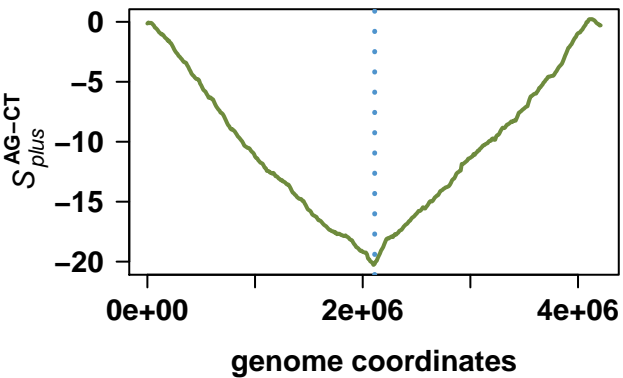
# Bacillus licheniformis DSM 13 = ATCC 14580



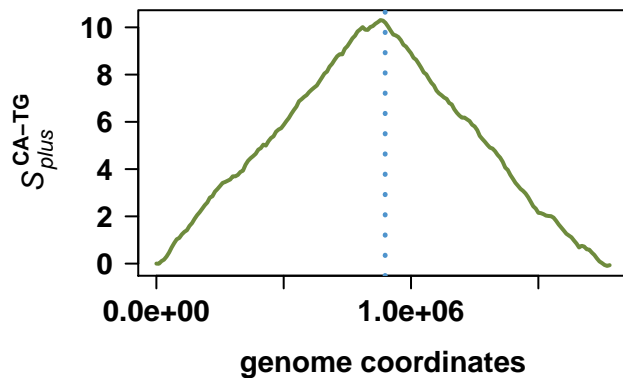
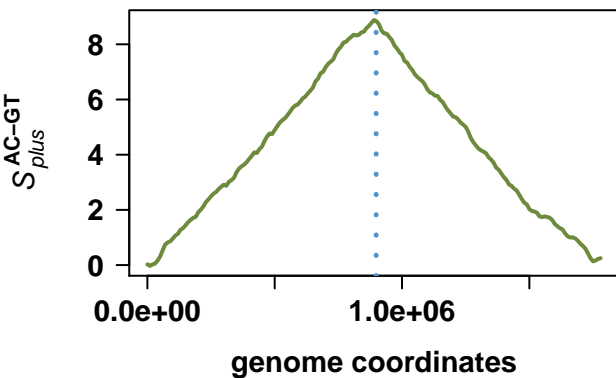
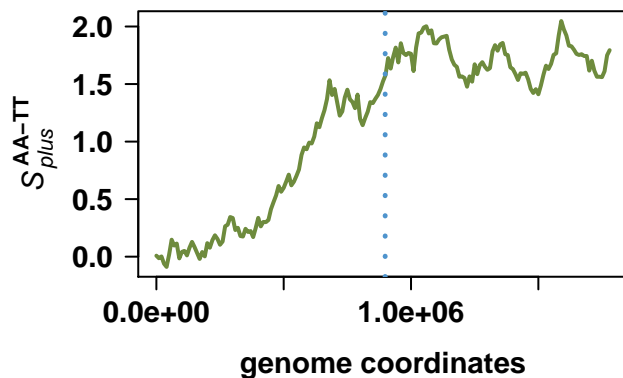
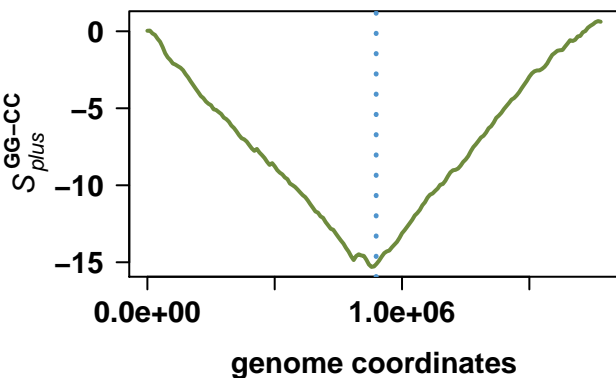
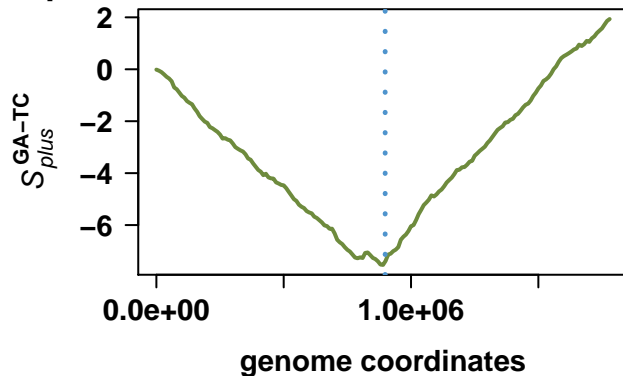
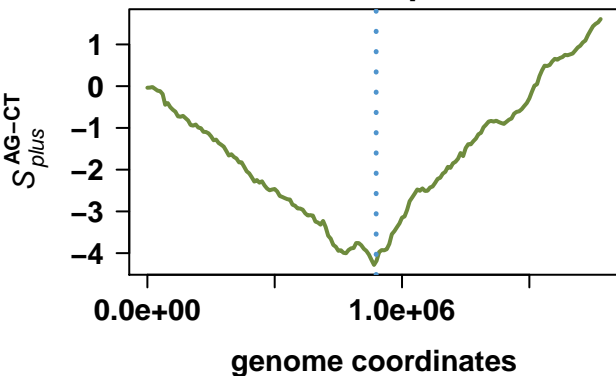
# Bacillus cereus E33L



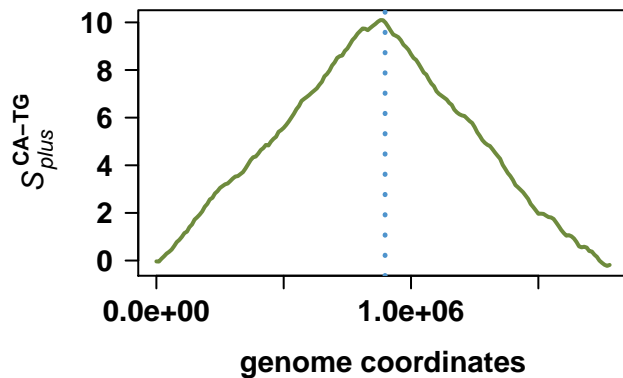
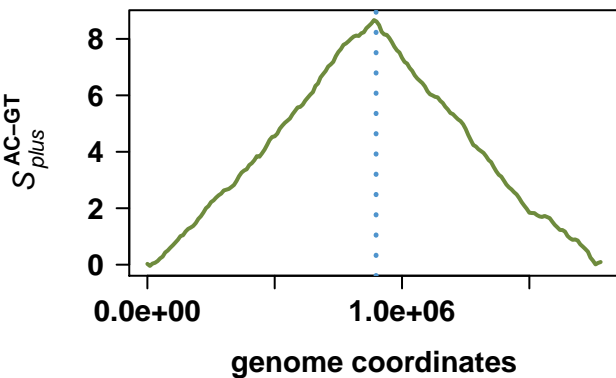
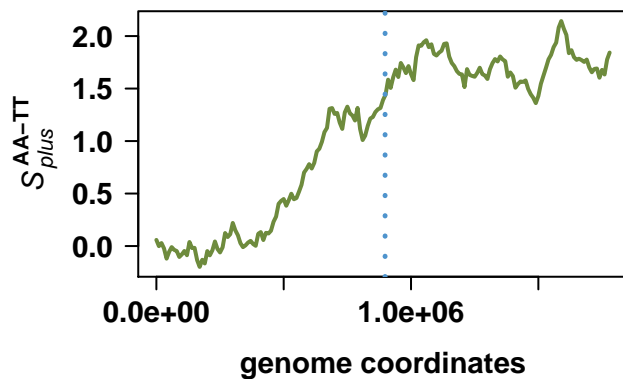
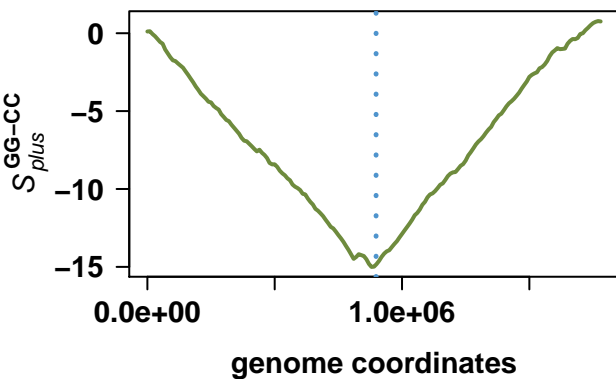
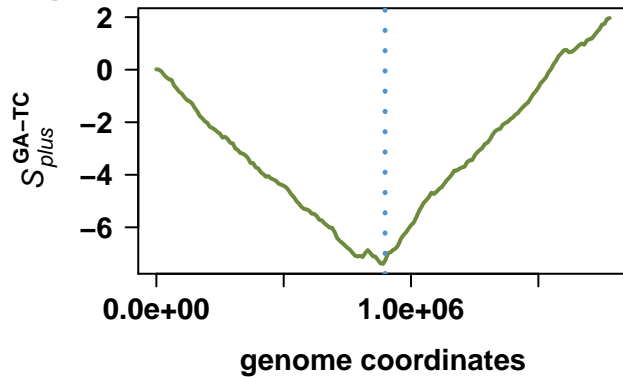
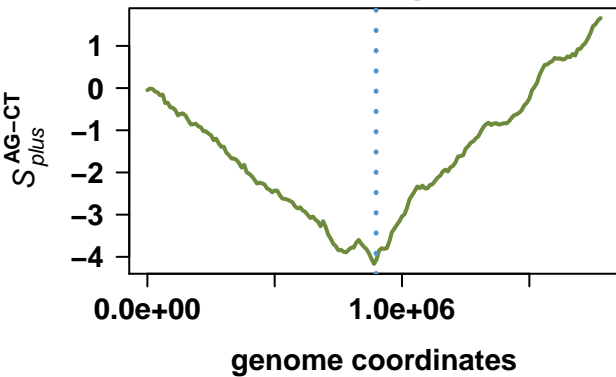
# Bacillus licheniformis DSM 13 = ATCC 14580



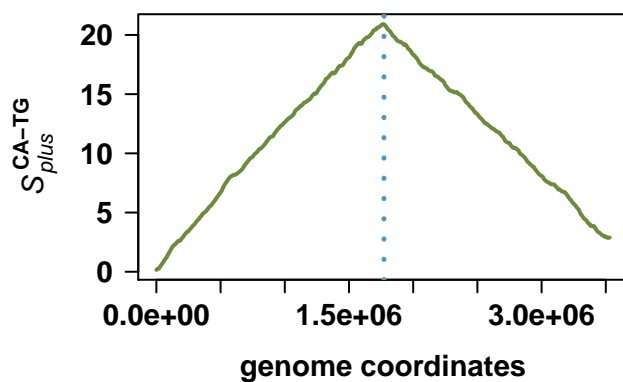
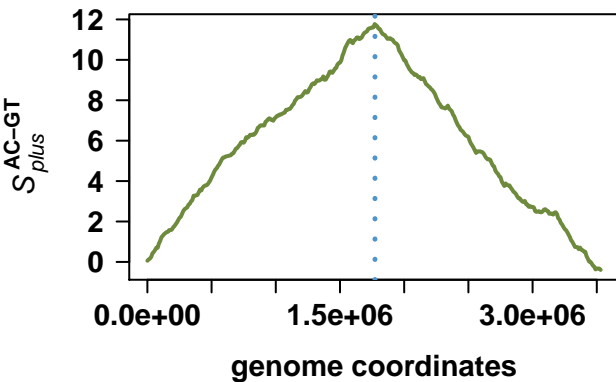
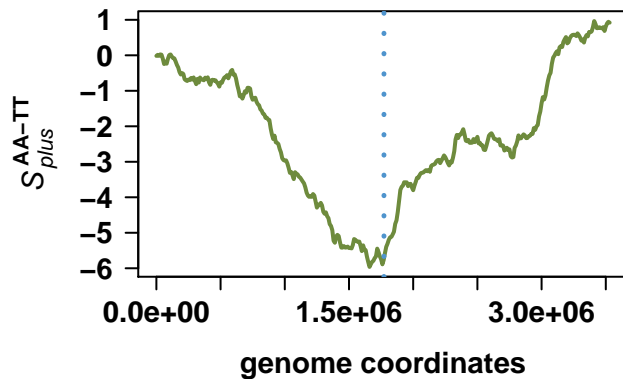
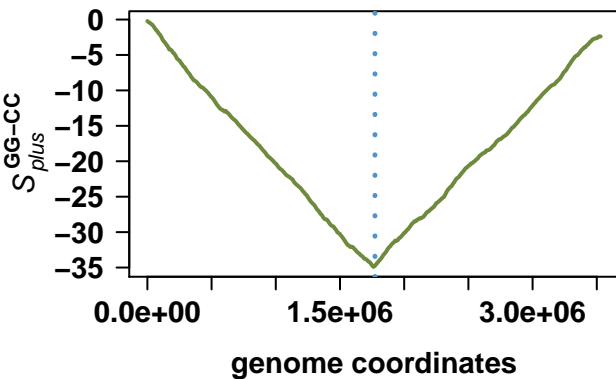
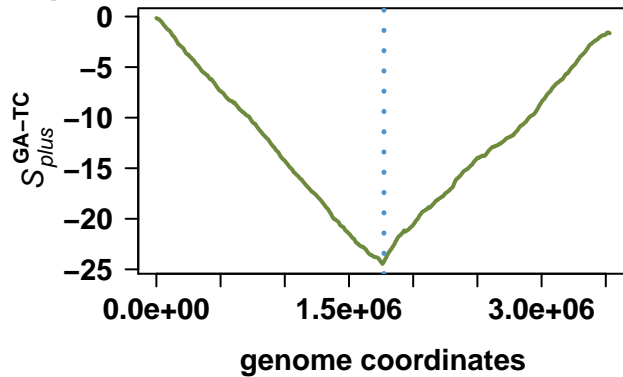
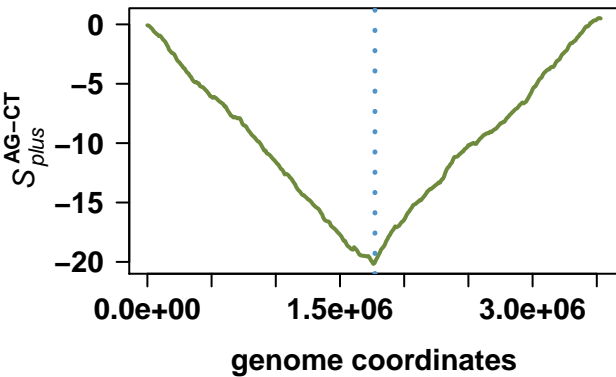
# Streptococcus thermophilus LMG 18311



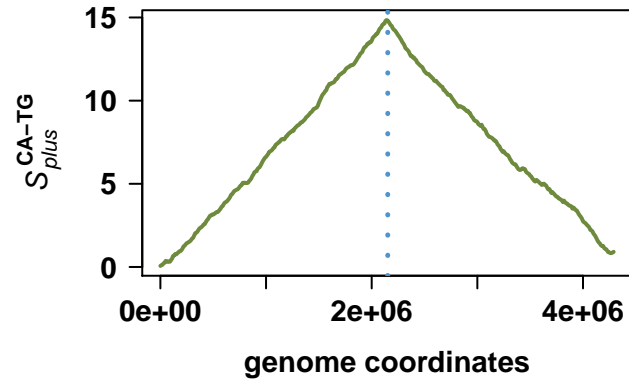
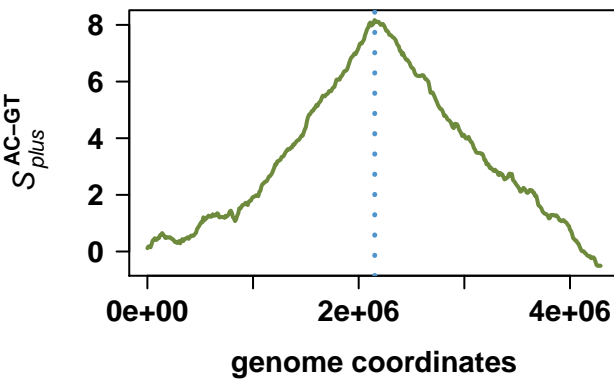
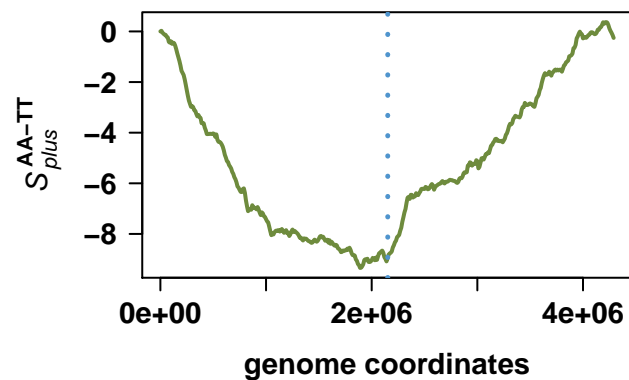
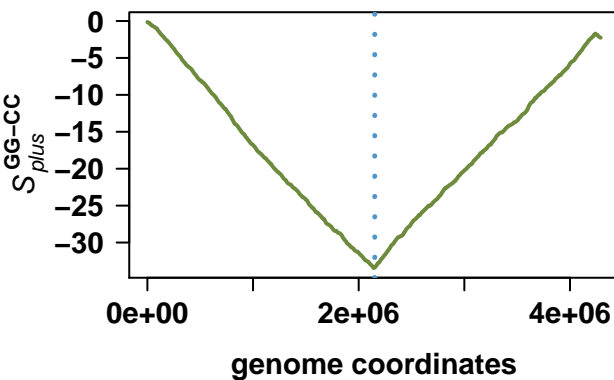
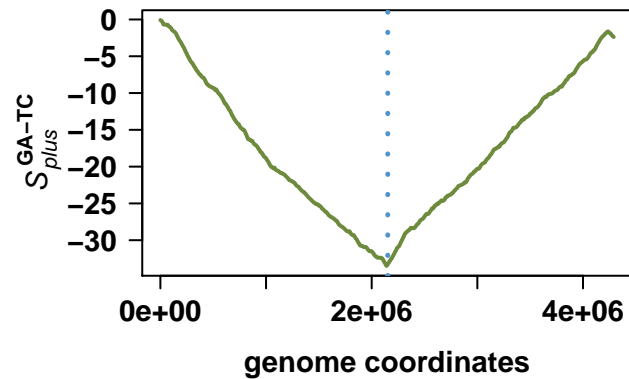
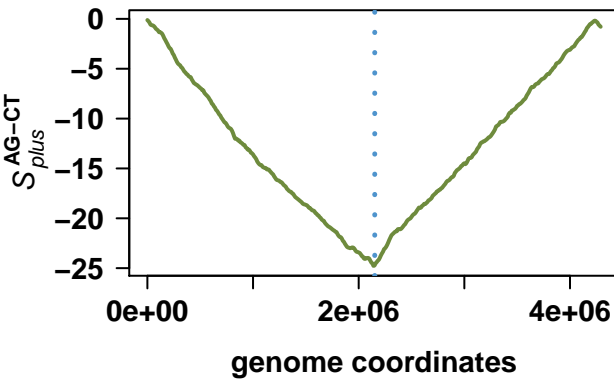
# Streptococcus thermophilus CNRZ1066



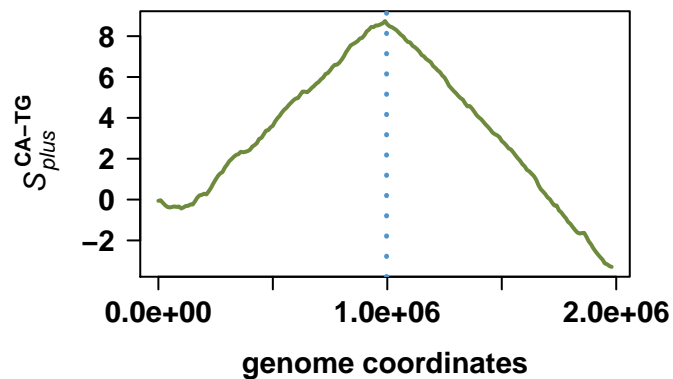
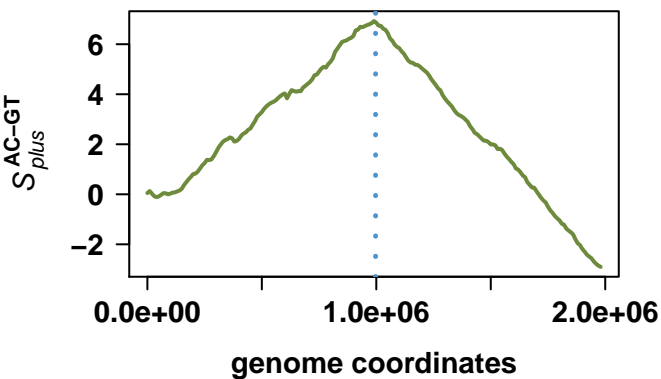
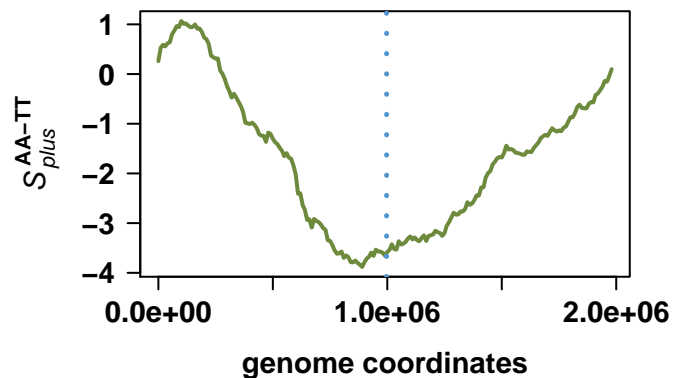
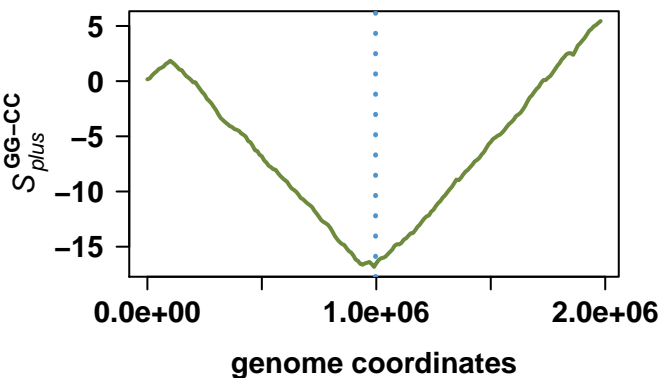
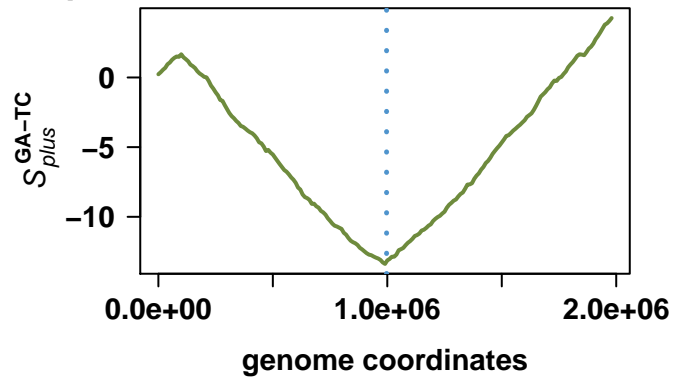
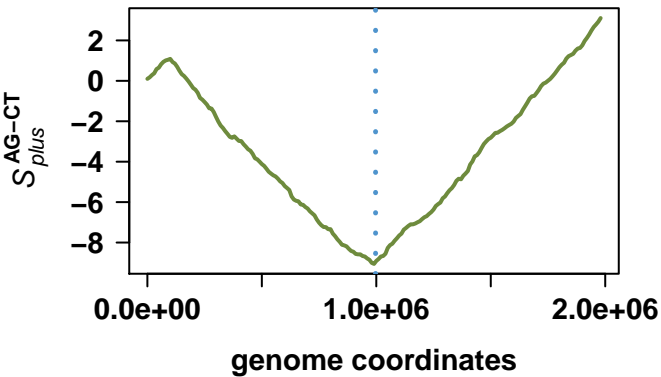
# Geobacillus kaustophilus HTA426



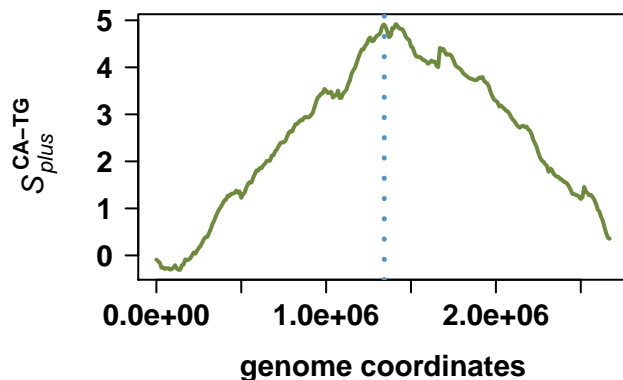
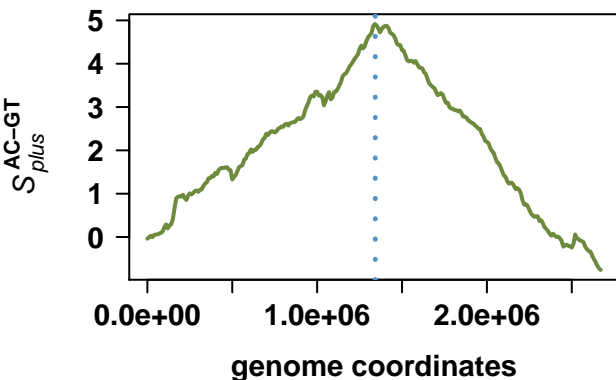
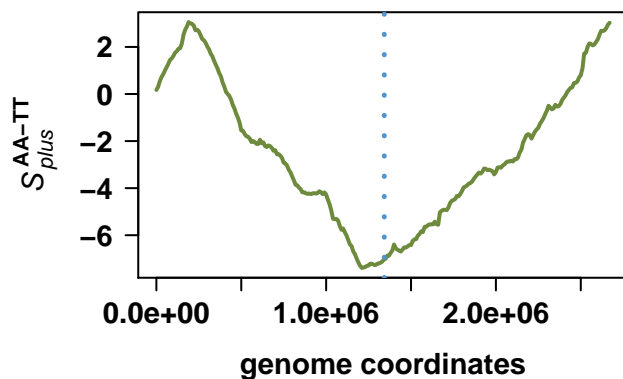
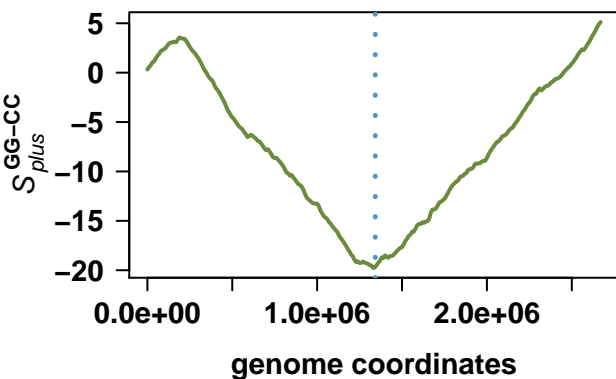
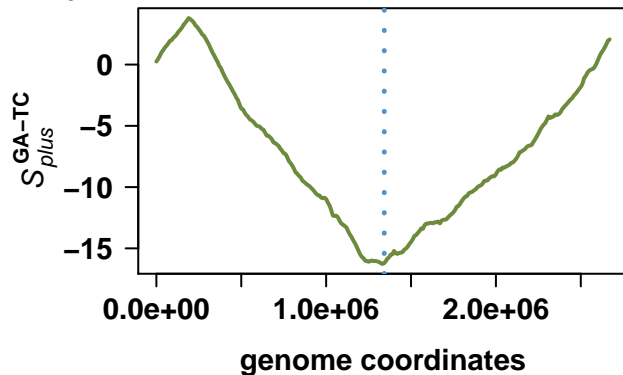
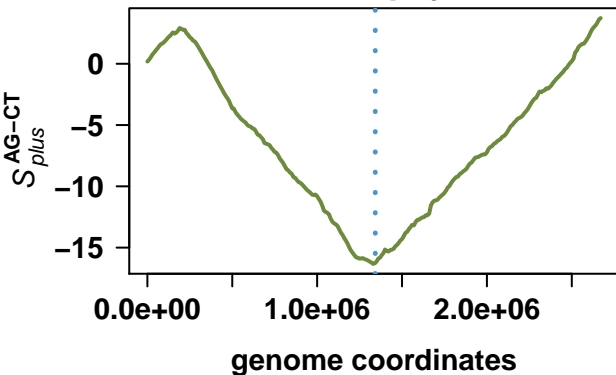
# Bacillus clausii KSM-K16



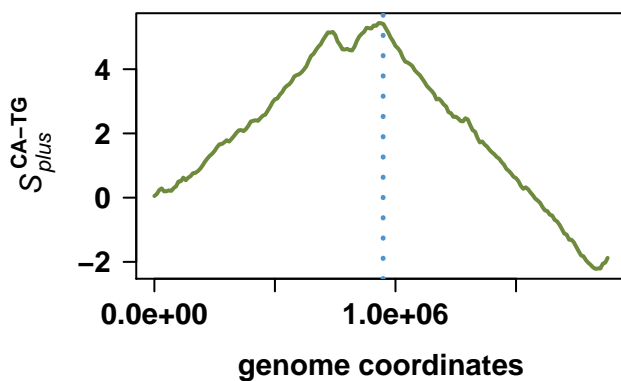
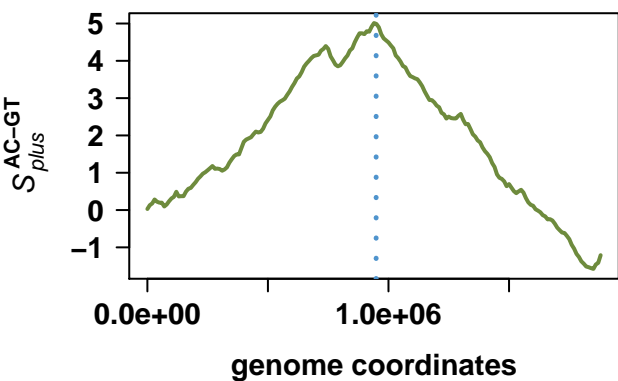
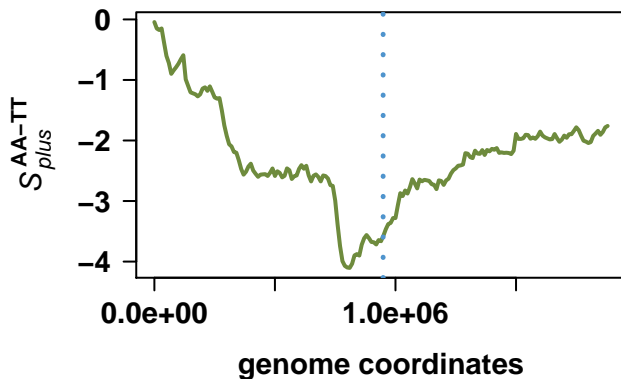
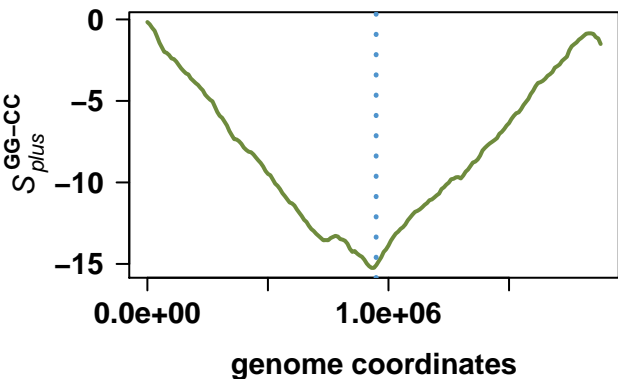
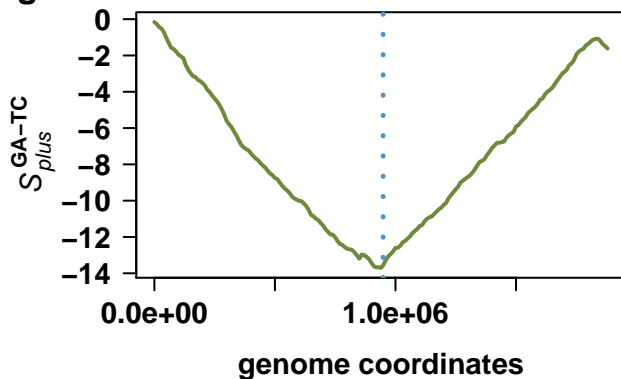
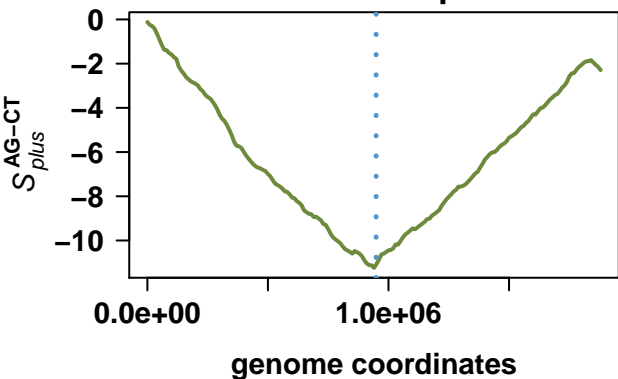
# Lactobacillus acidophilus NCFM



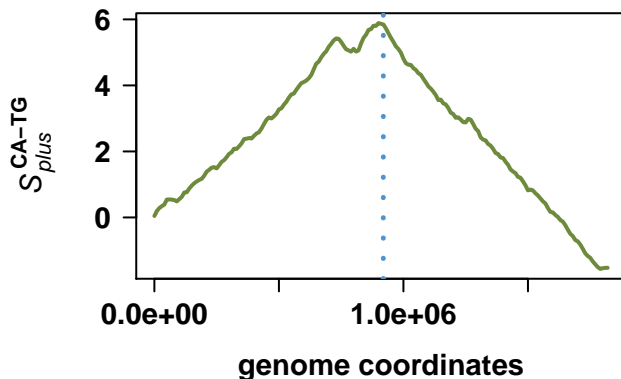
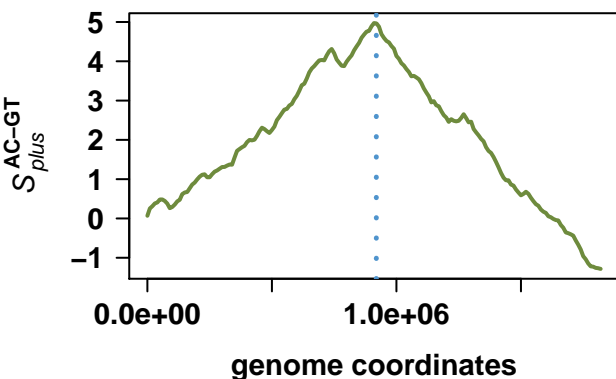
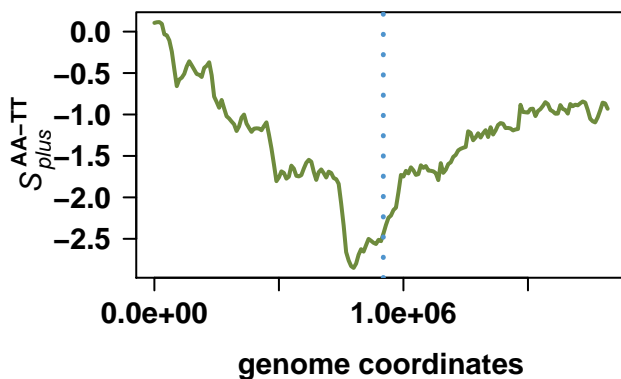
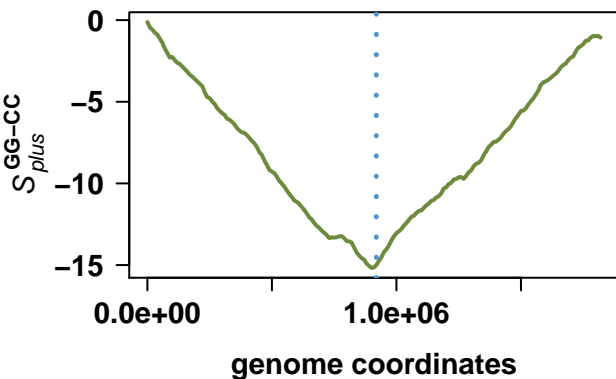
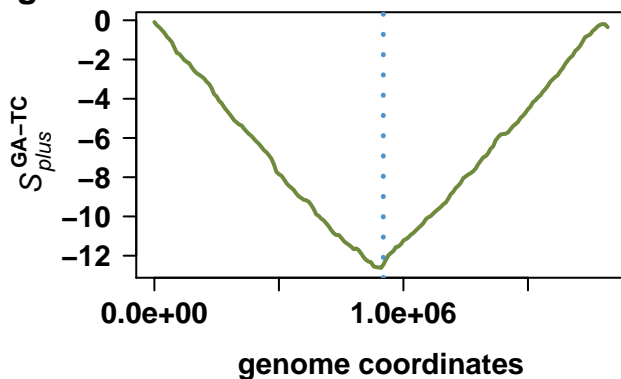
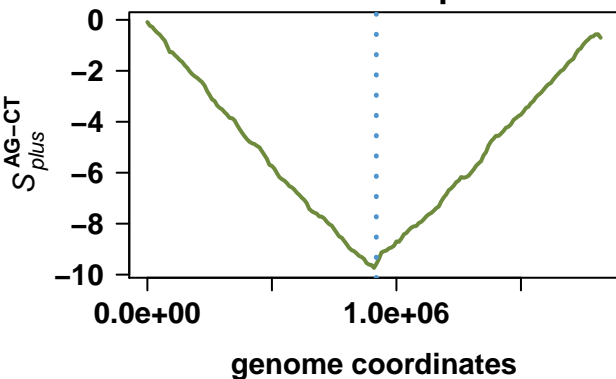
# Staphylococcus haemolyticus JCSC1435



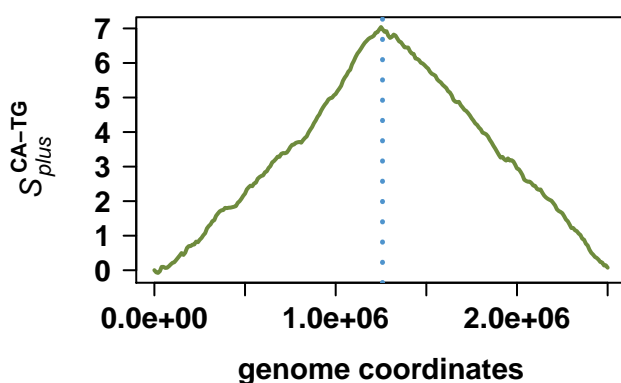
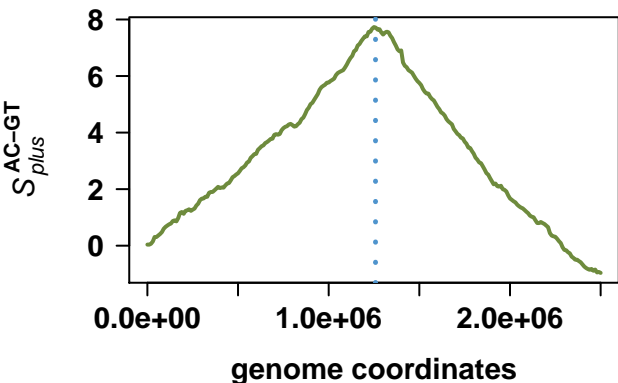
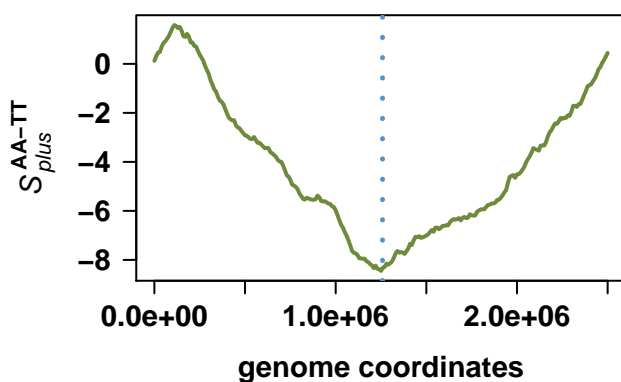
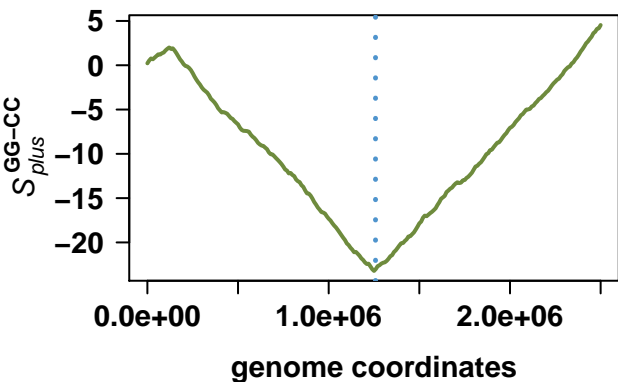
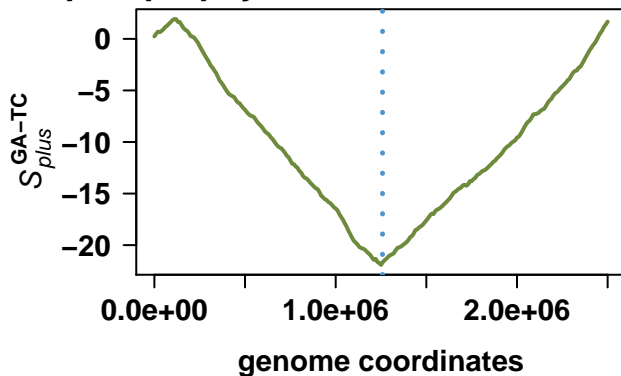
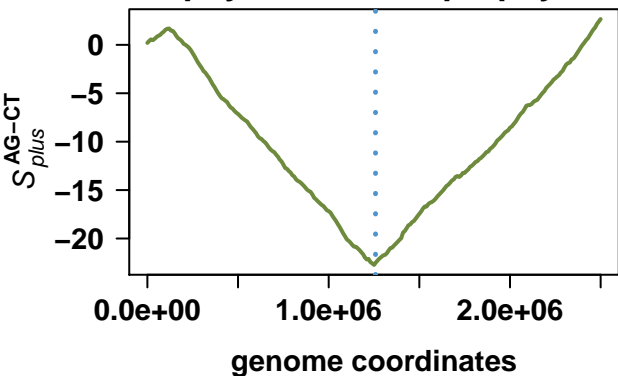
# Streptococcus pyogenes MGAS6180



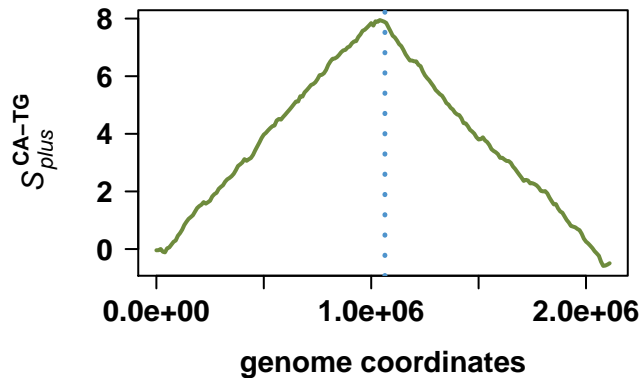
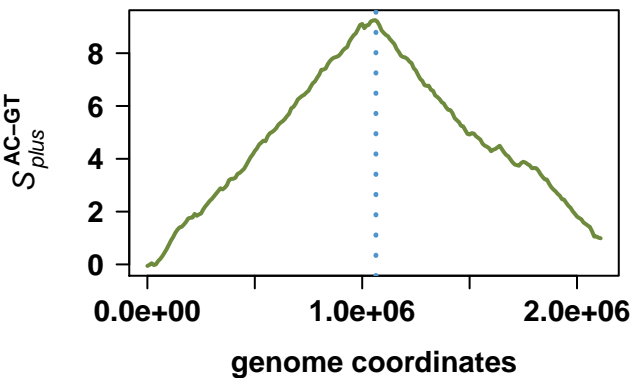
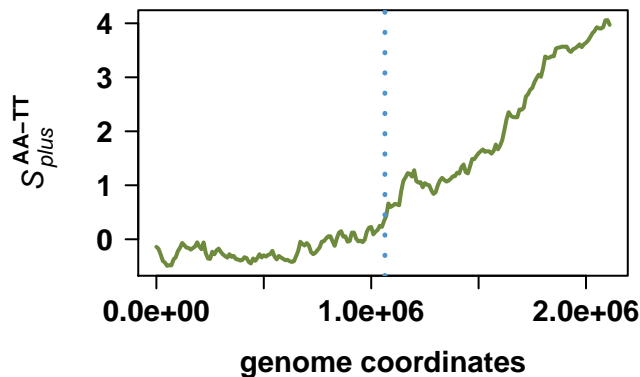
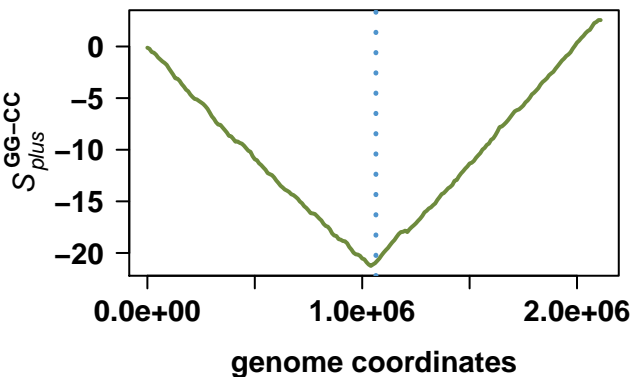
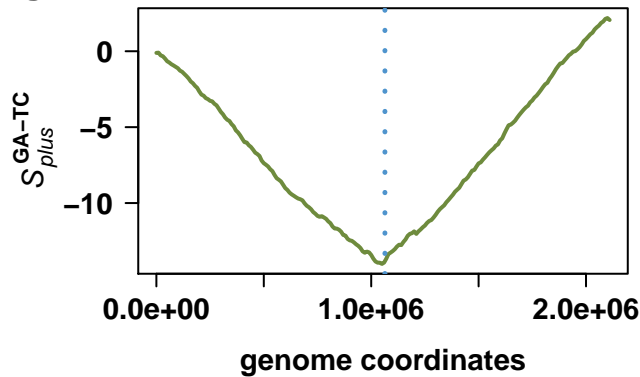
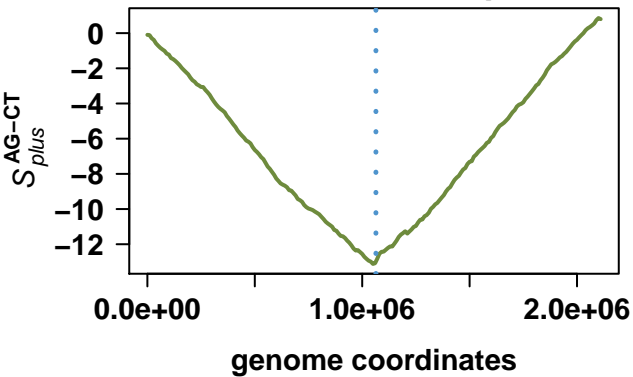
# Streptococcus pyogenes MGAS5005



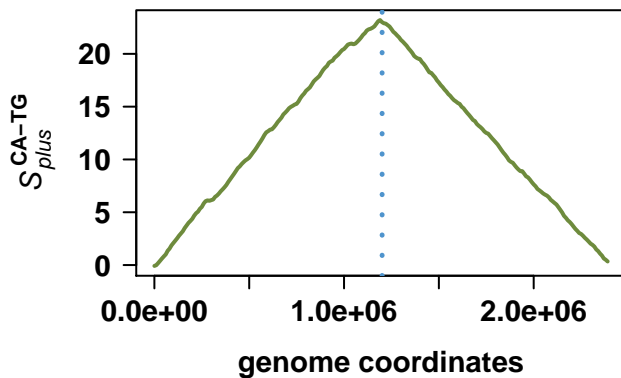
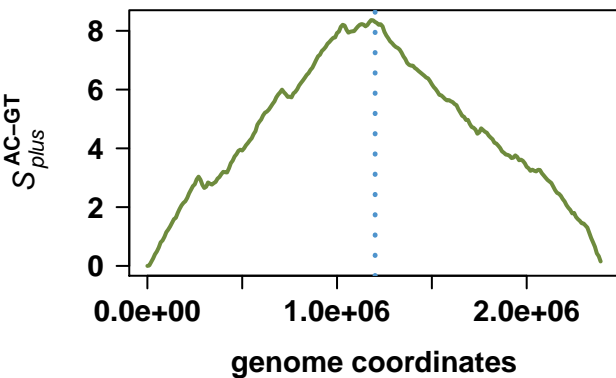
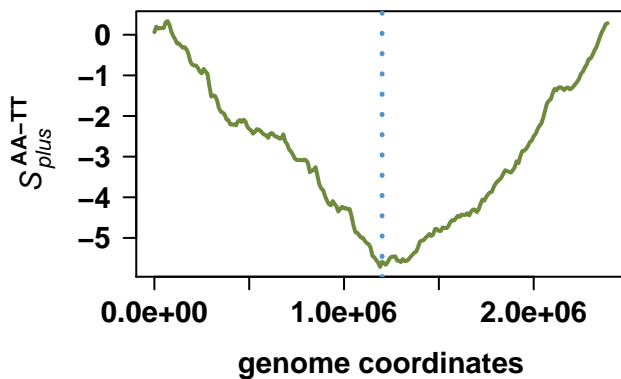
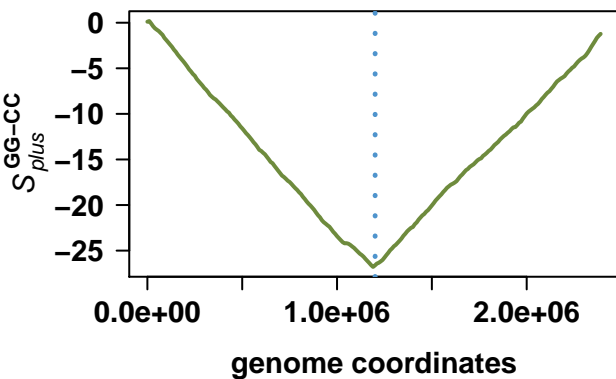
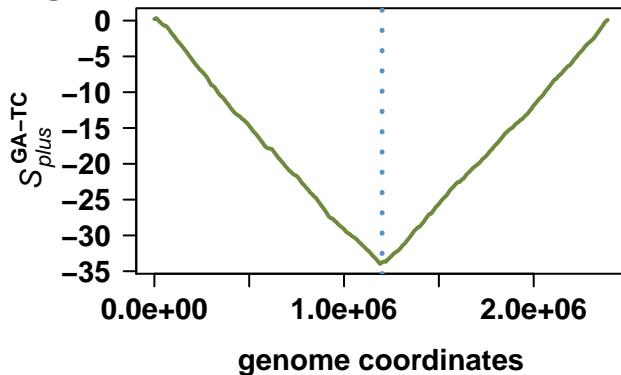
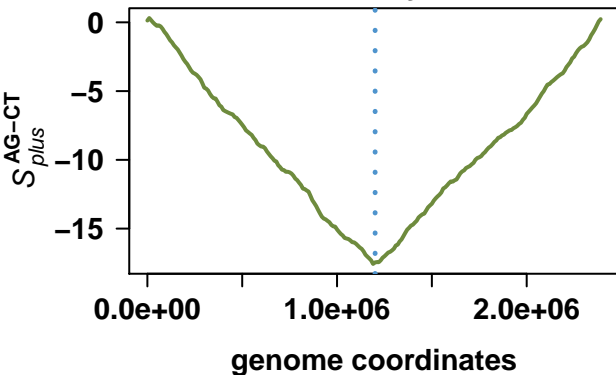
# Staphylococcus saprophyticus subsp. saprophyticus ATCC 15305



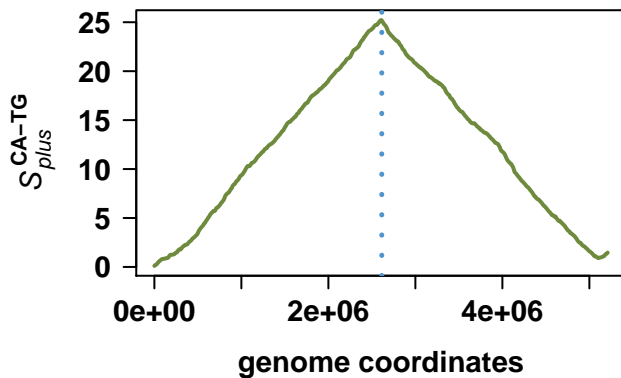
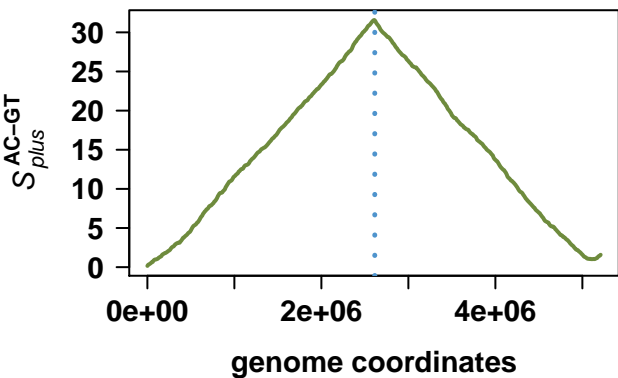
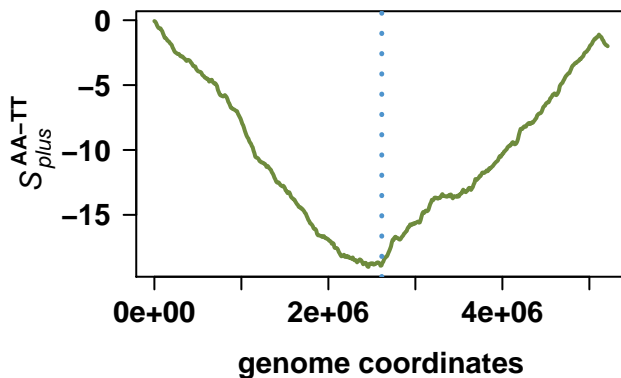
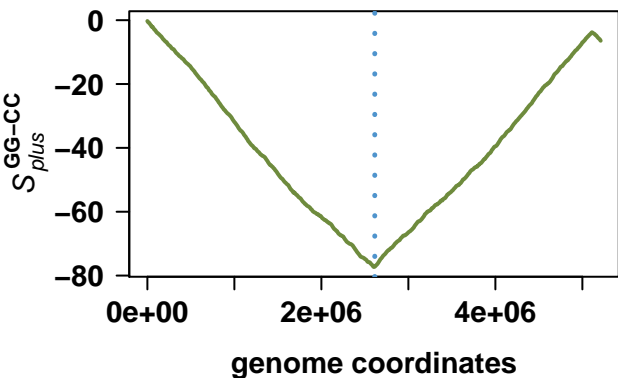
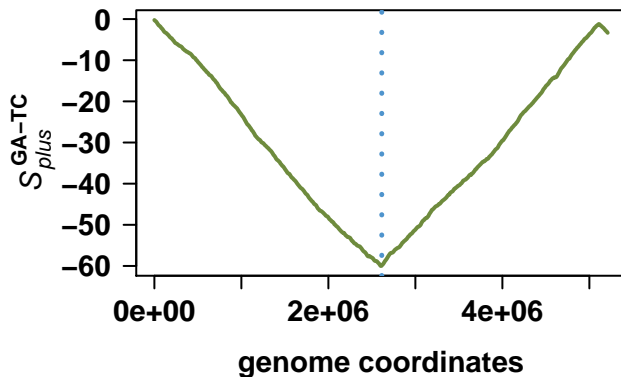
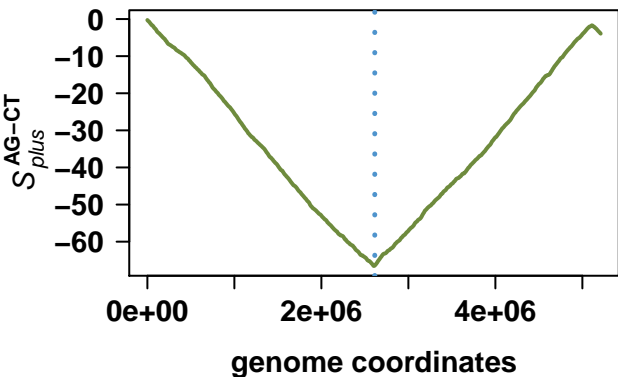
# Streptococcus agalactiae A909



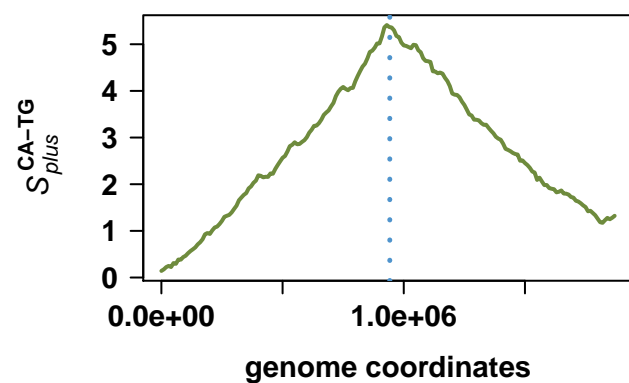
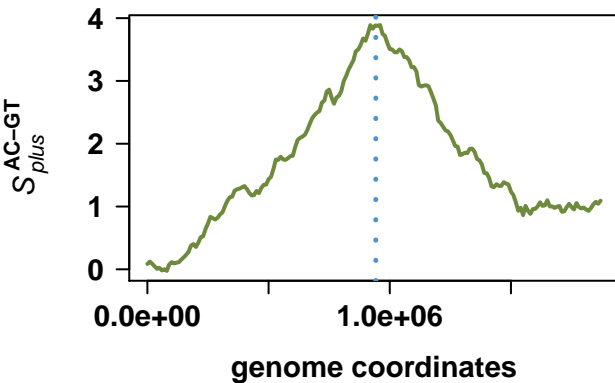
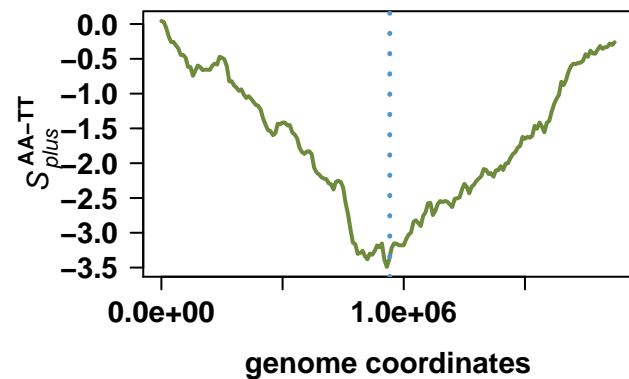
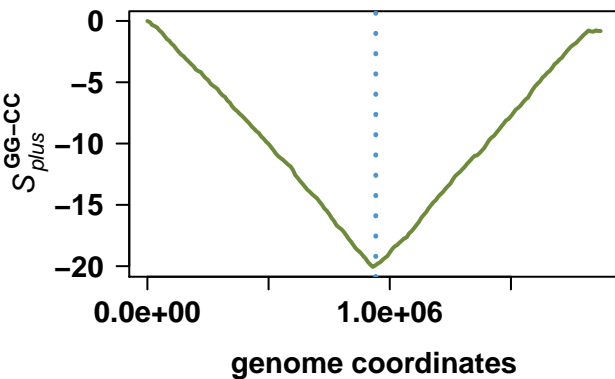
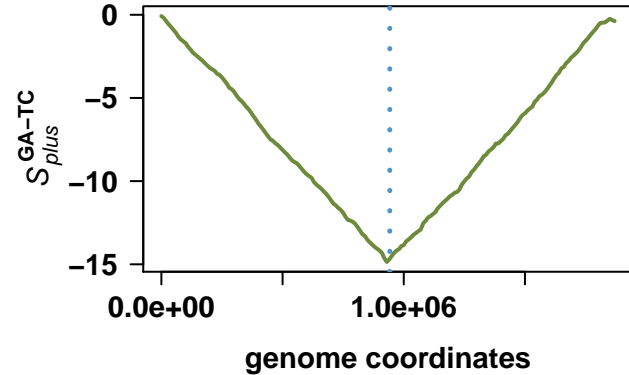
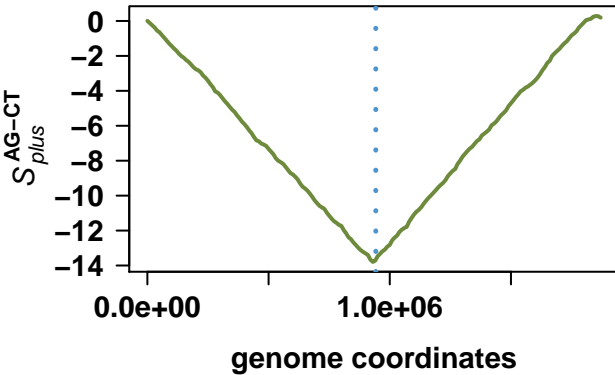
# Carboxythermus hydrogeniformans Z-2901



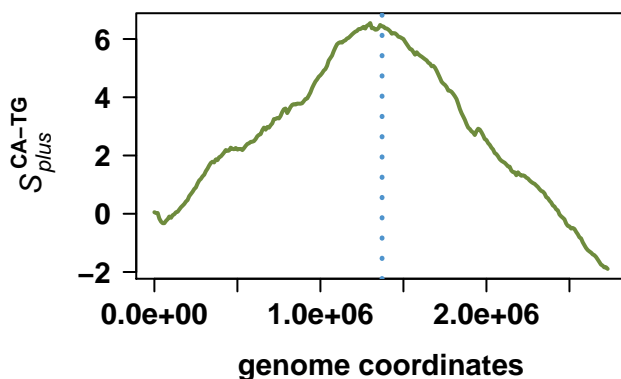
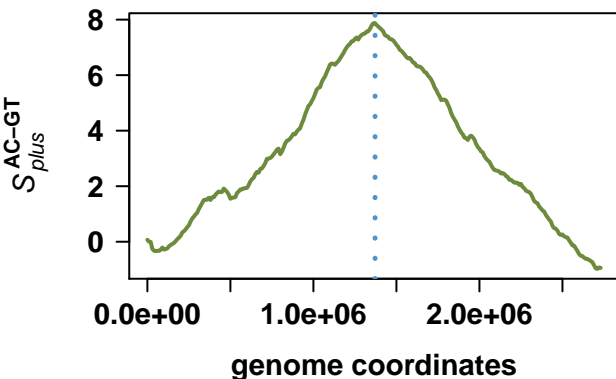
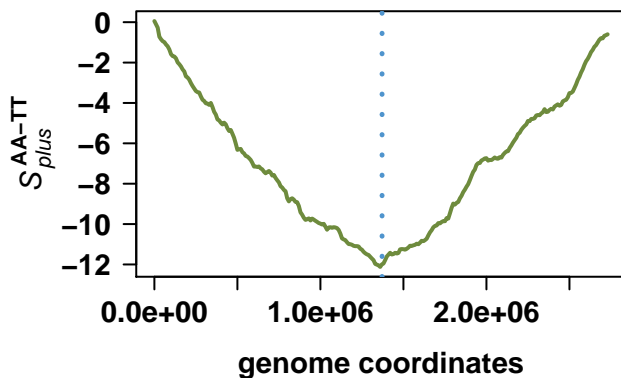
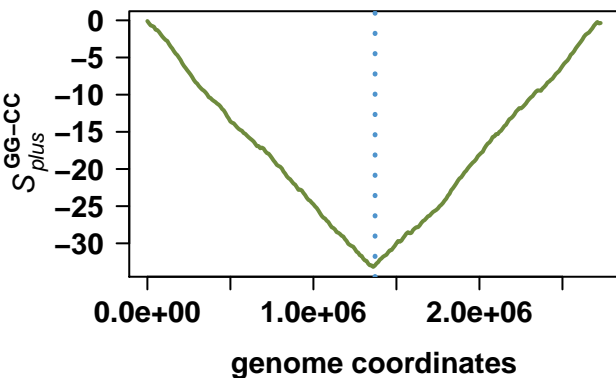
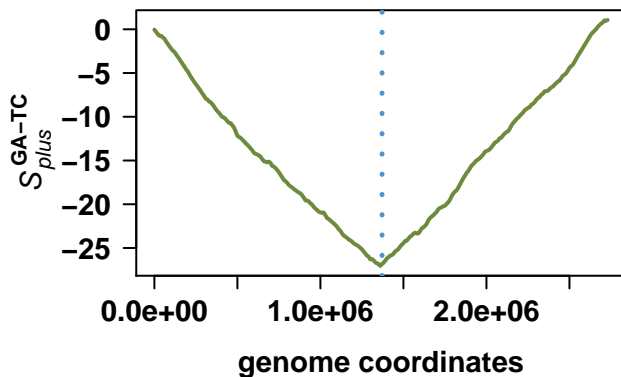
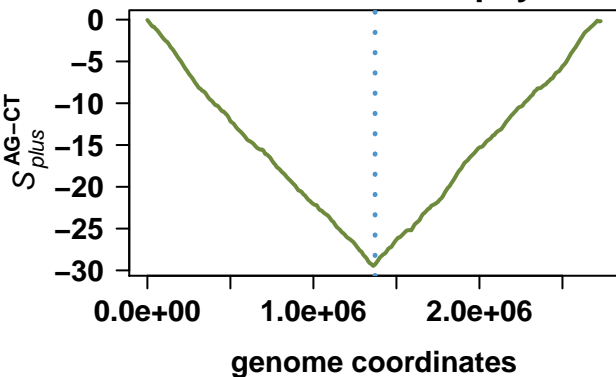
# Bacillus anthracis str. 'Ames Ancestor'



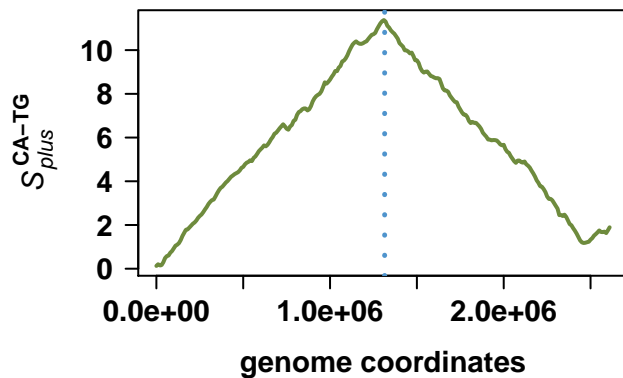
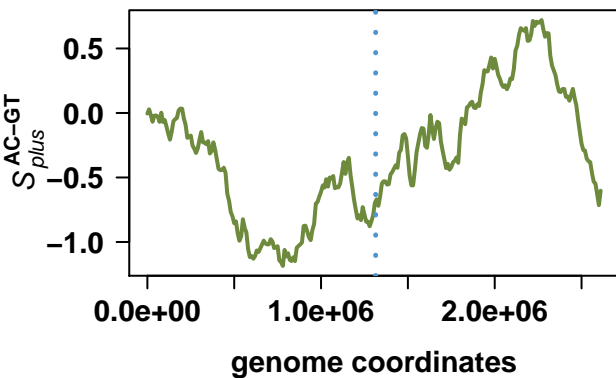
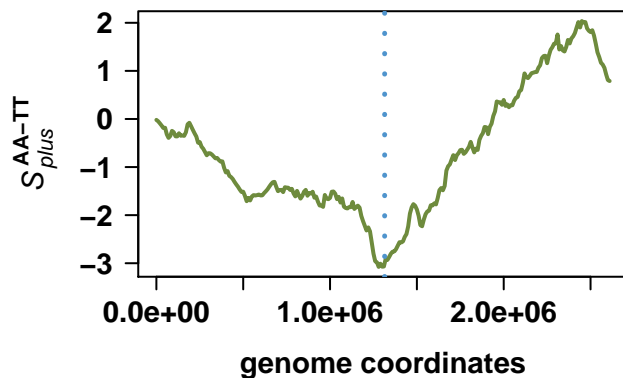
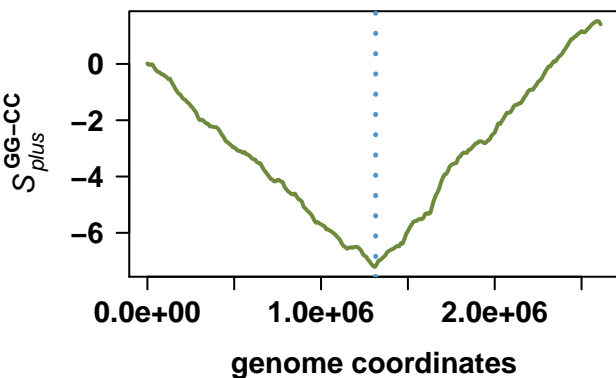
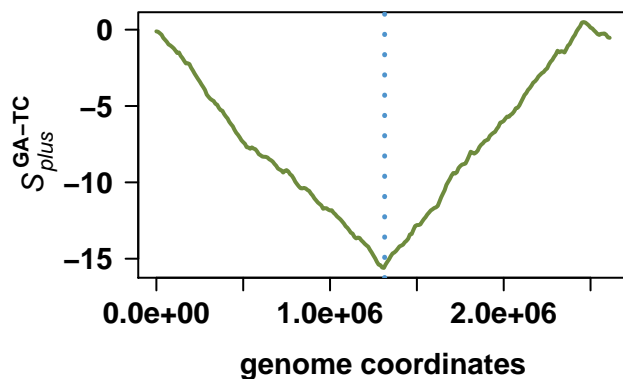
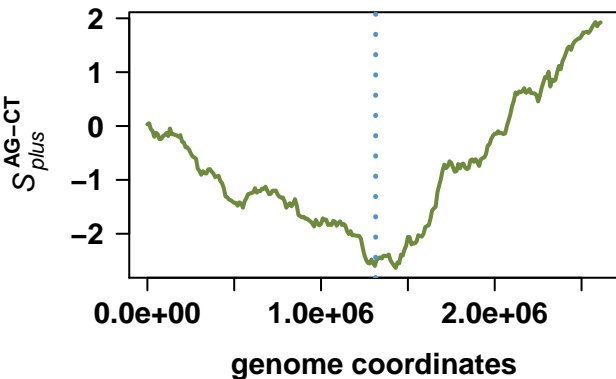
# Lactobacillus sakei subsp. sakei 23K



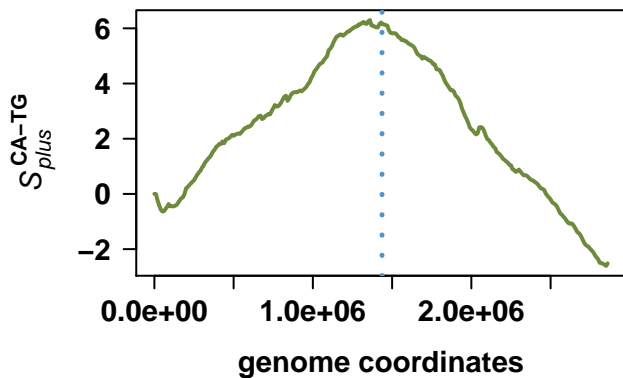
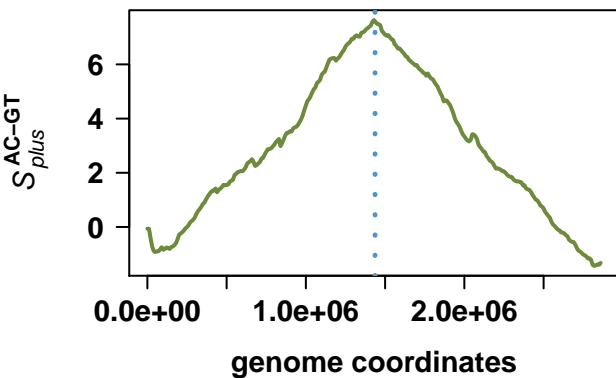
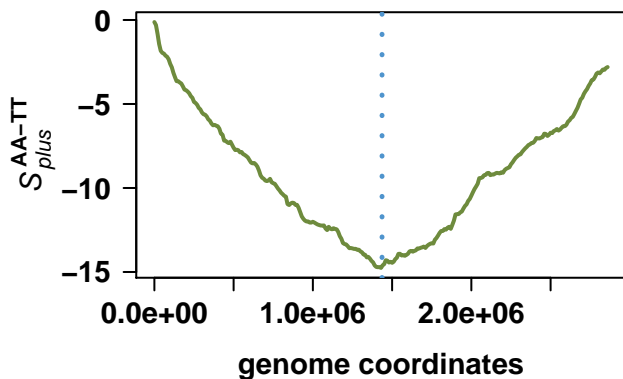
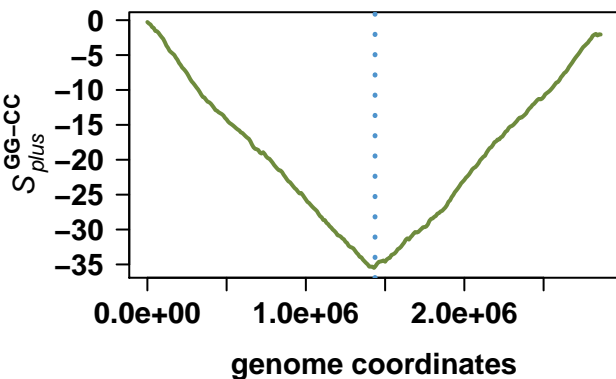
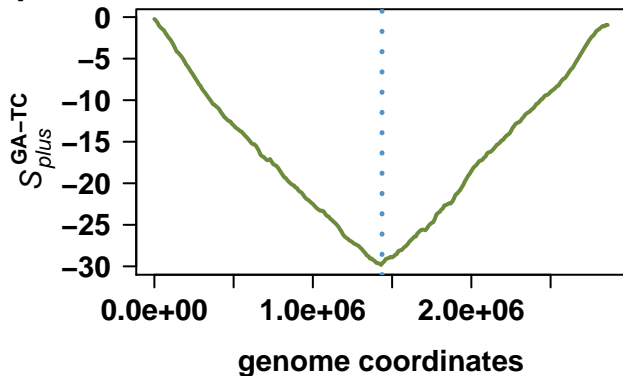
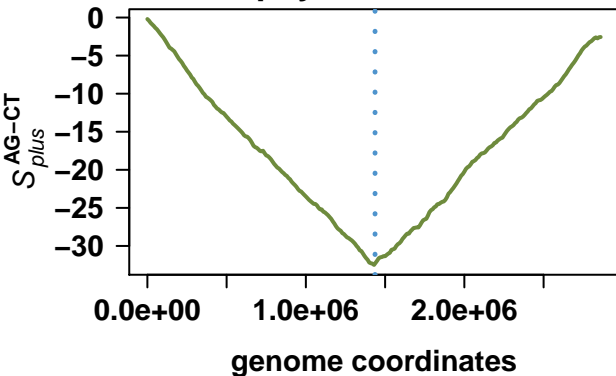
# Staphylococcus aureus RF122



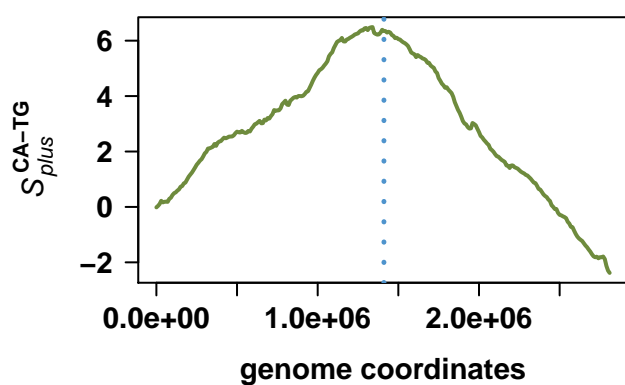
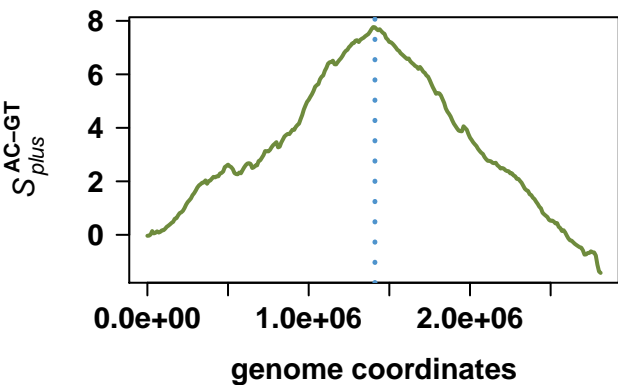
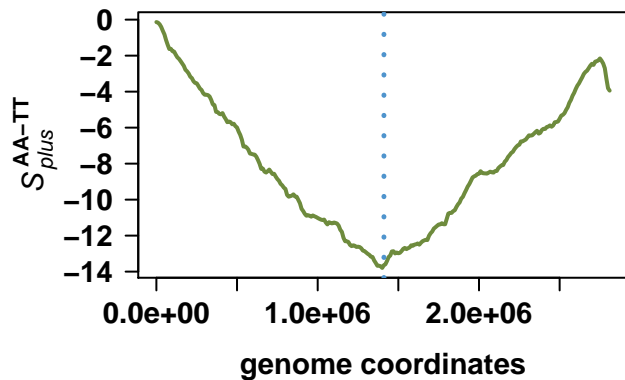
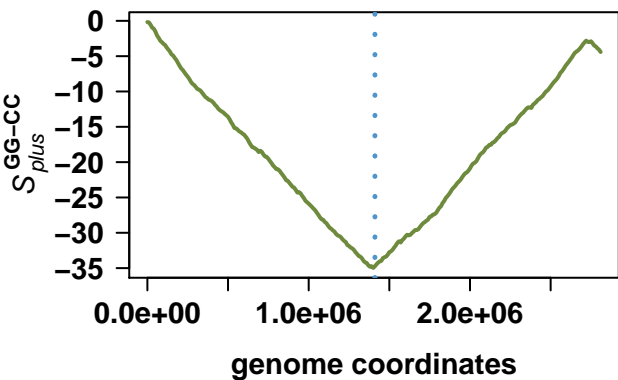
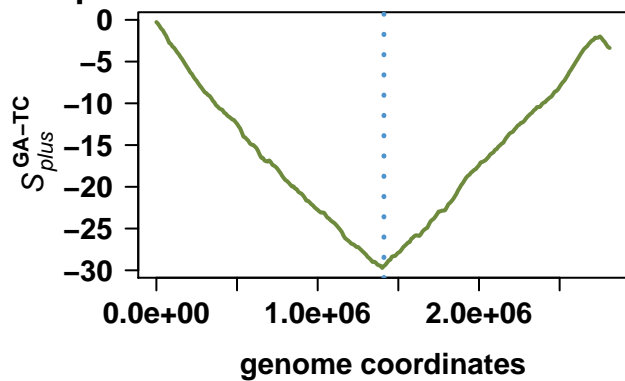
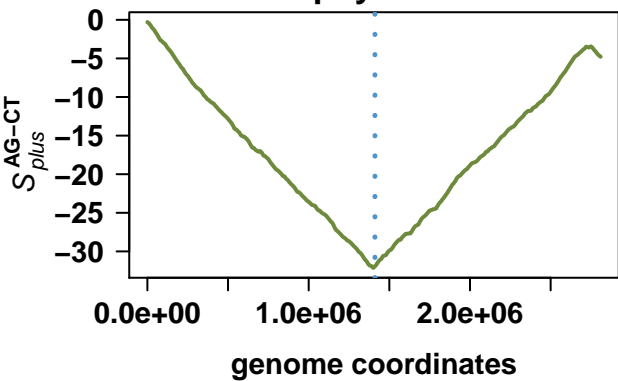
# Moorella thermoacetica ATCC 39073



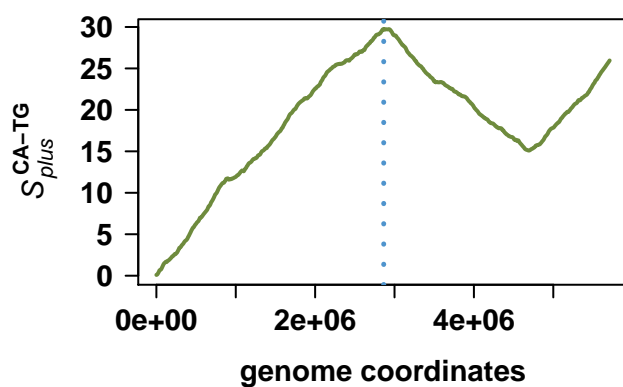
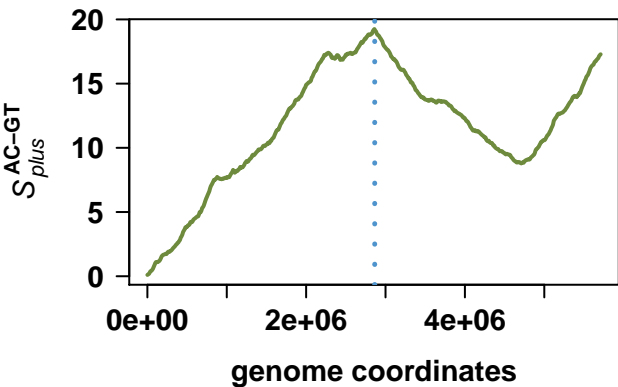
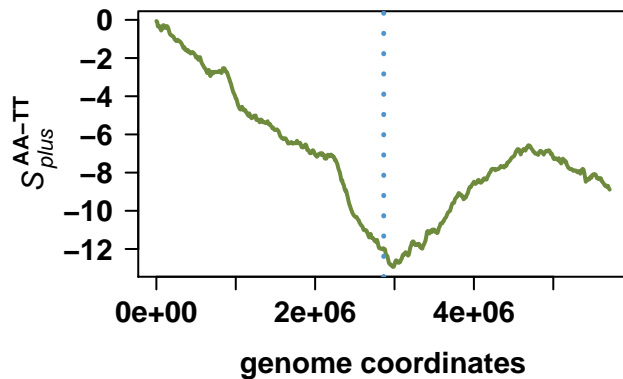
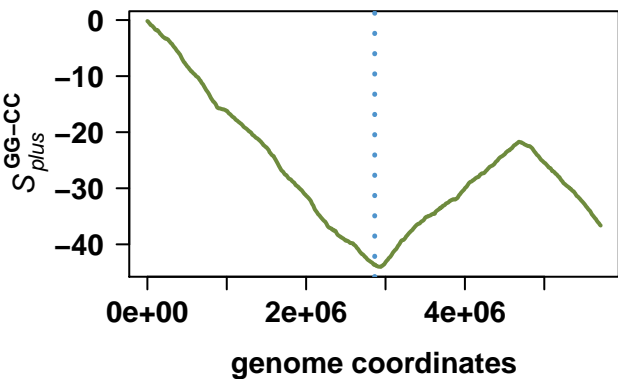
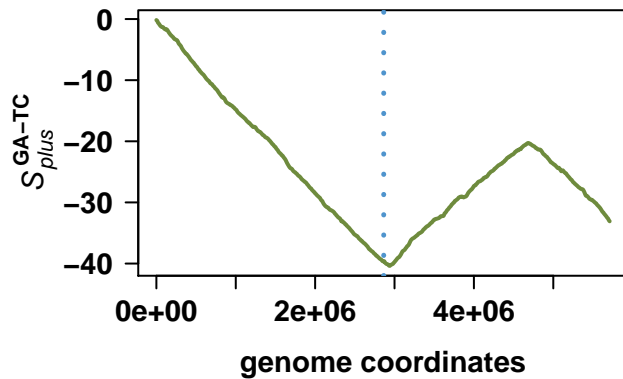
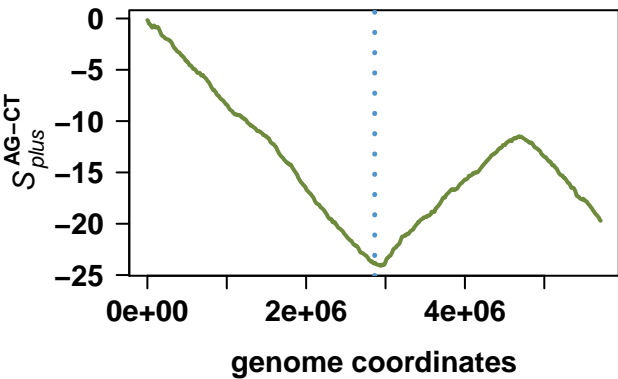
# Staphylococcus aureus subsp. aureus USA300\_FPR3757



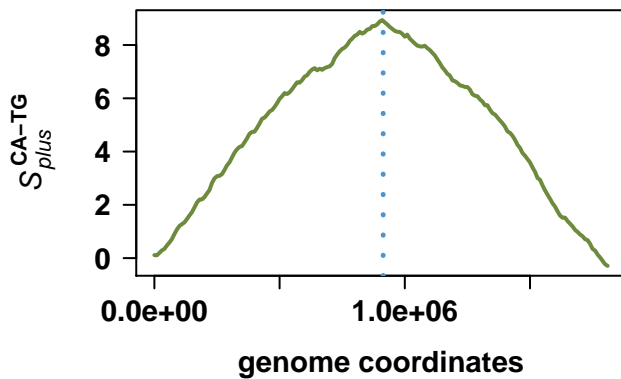
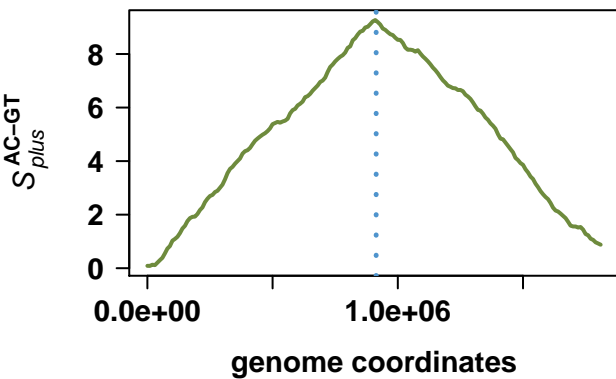
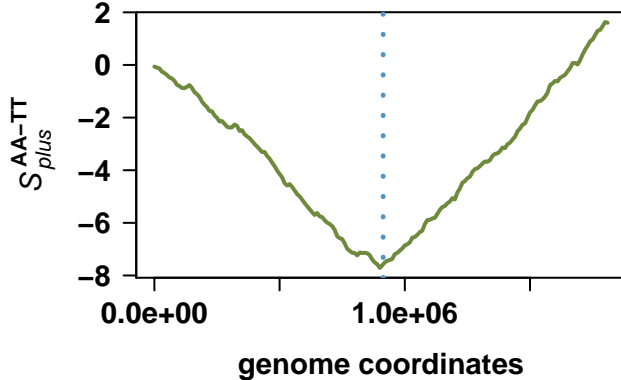
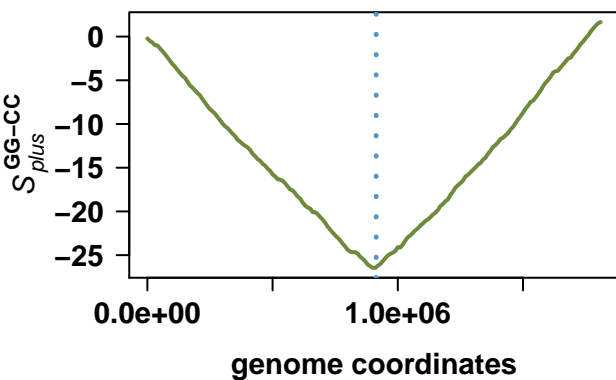
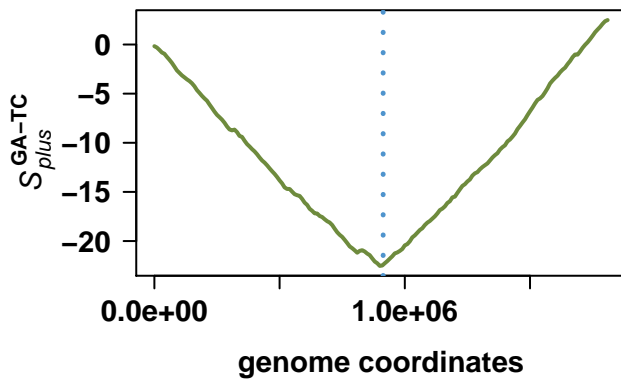
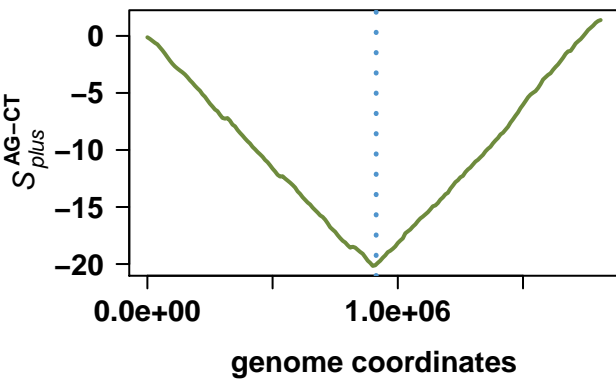
# Staphylococcus aureus subsp. aureus NCTC 8325



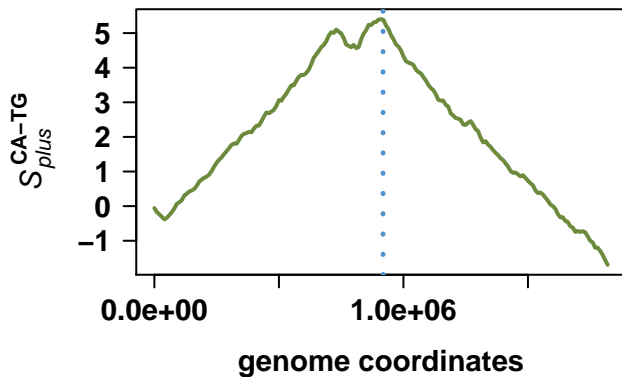
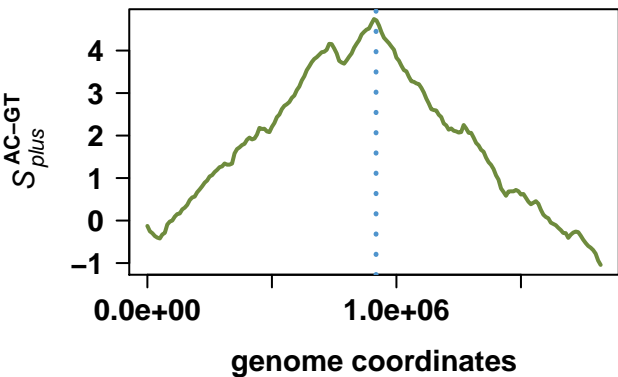
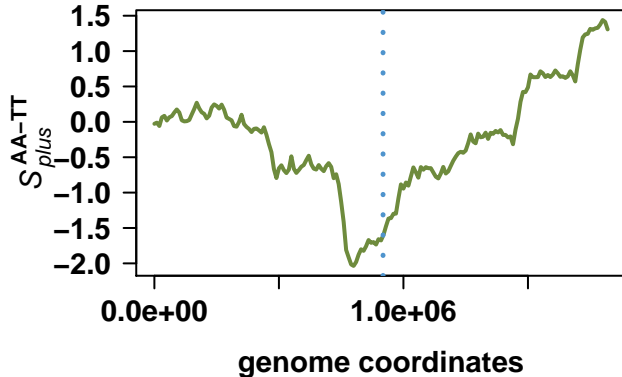
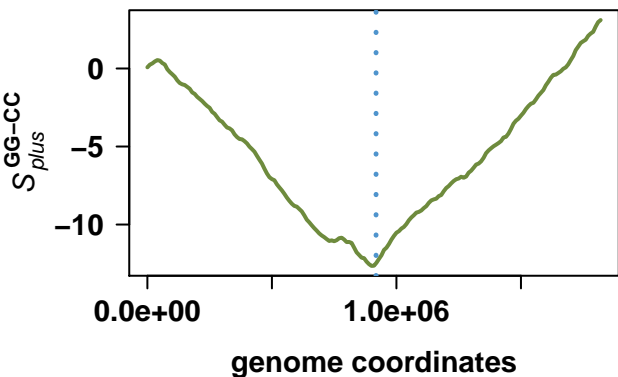
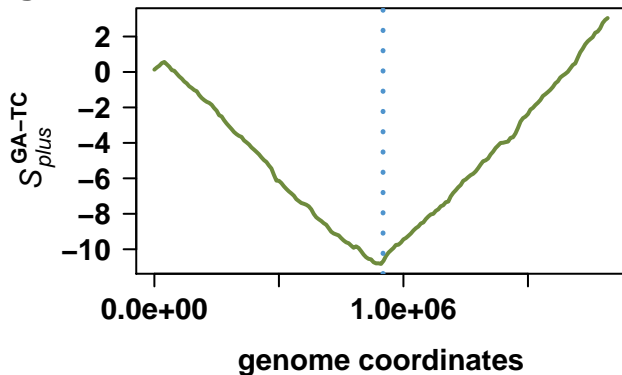
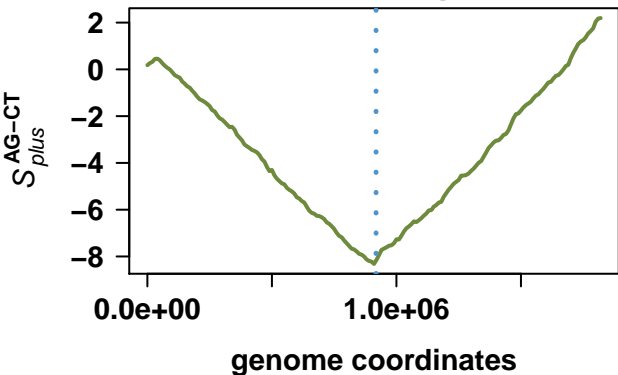
# Desulfitobacterium hafniense Y51



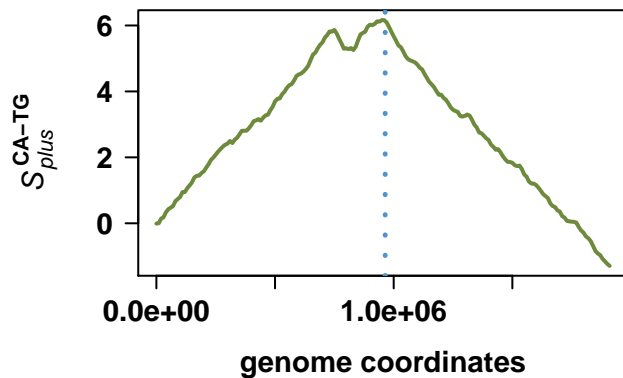
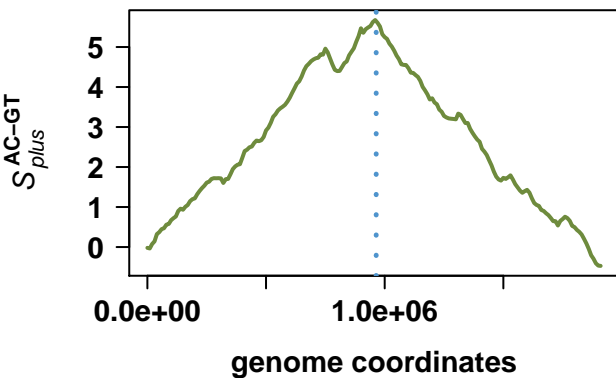
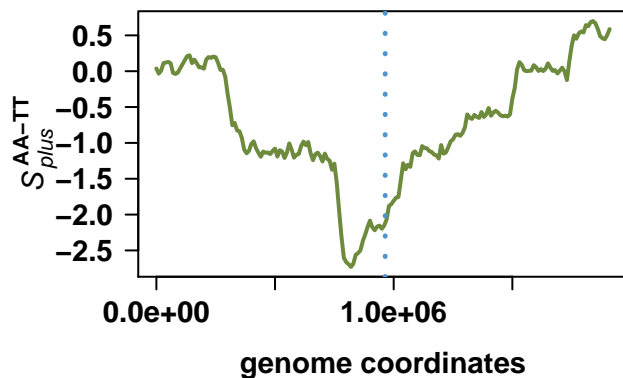
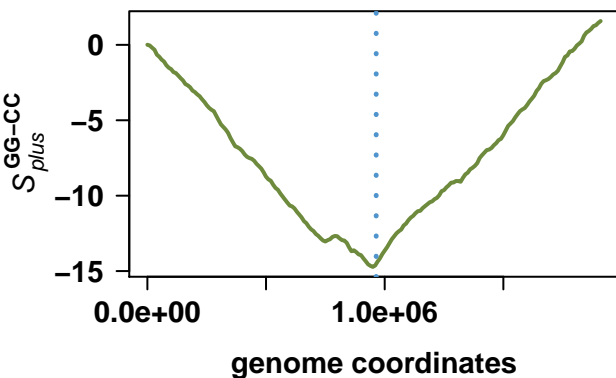
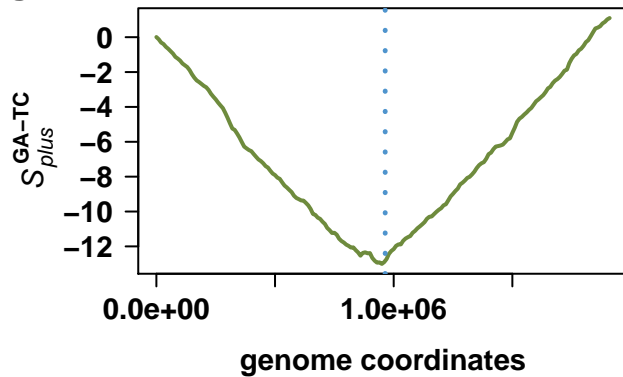
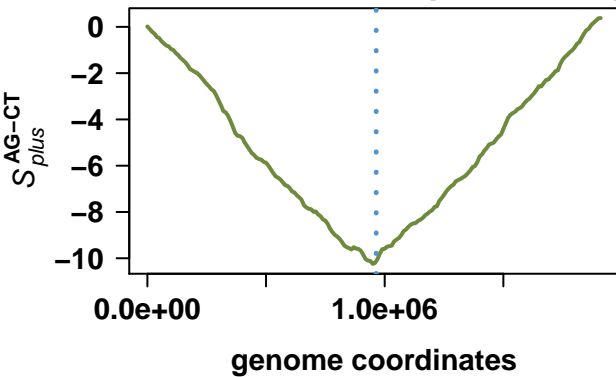
# Lactobacillus salivarius UCC118



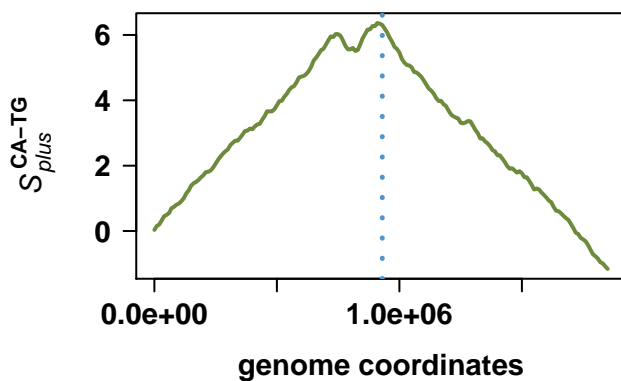
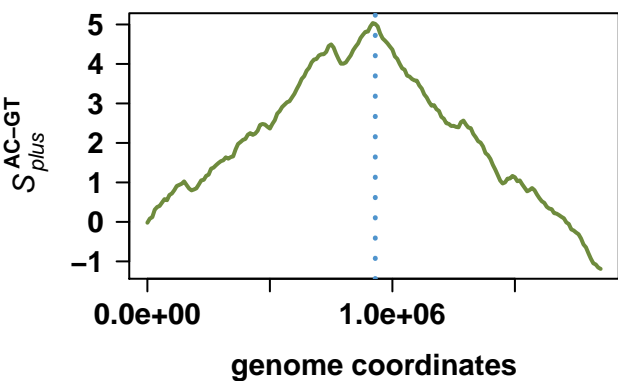
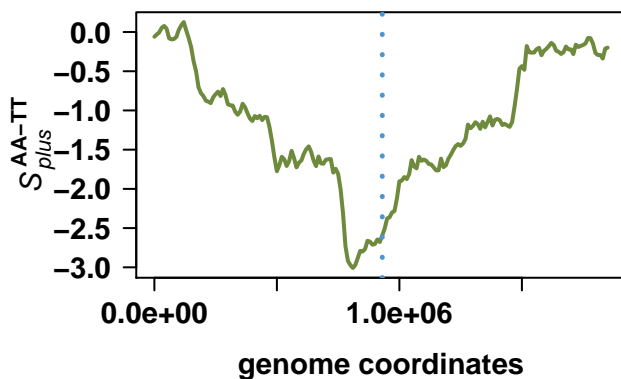
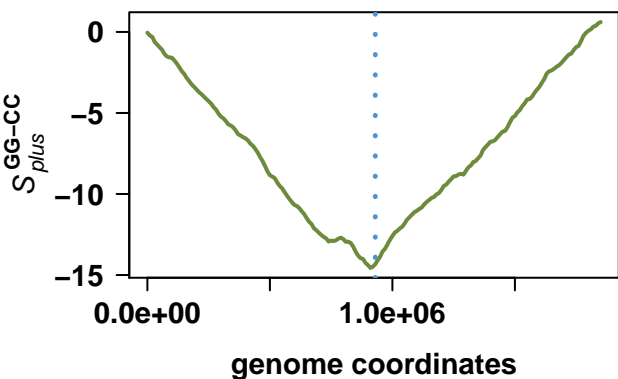
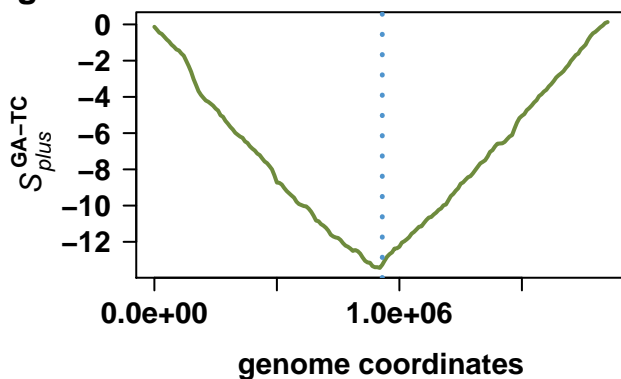
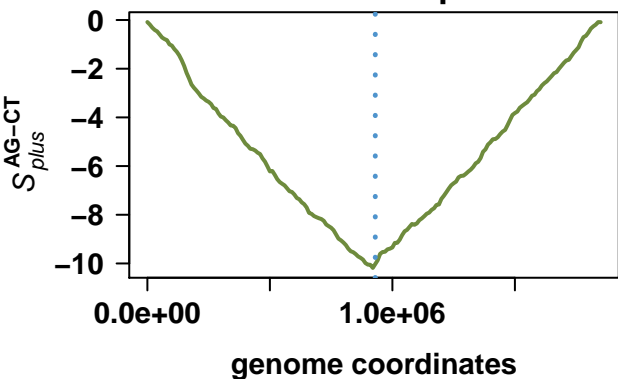
# Streptococcus pyogenes MGAS9429



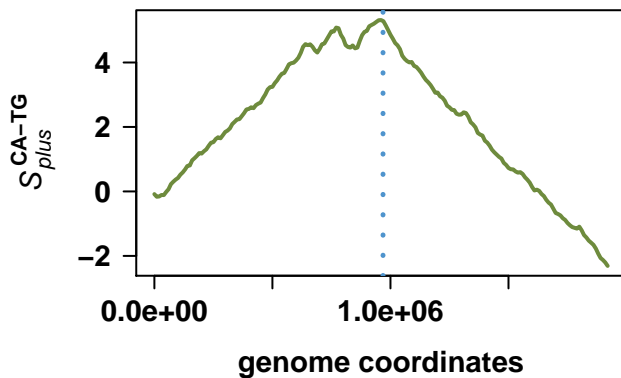
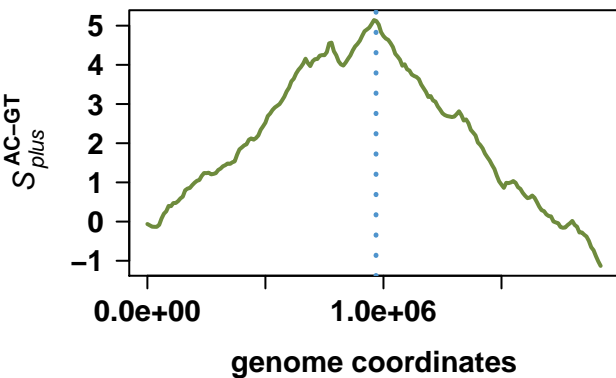
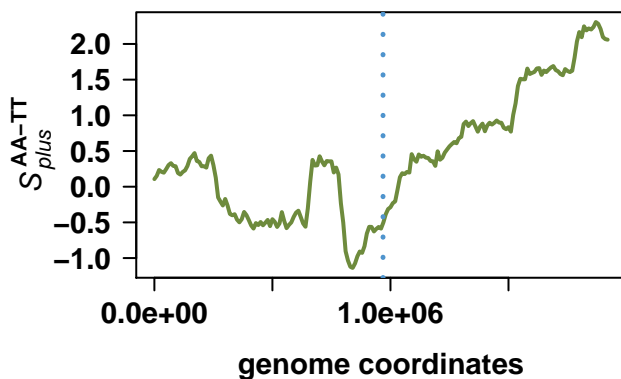
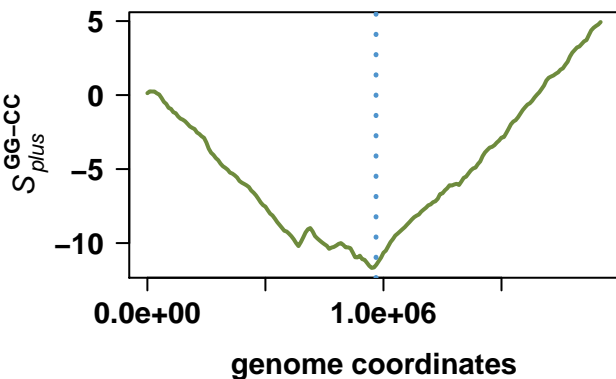
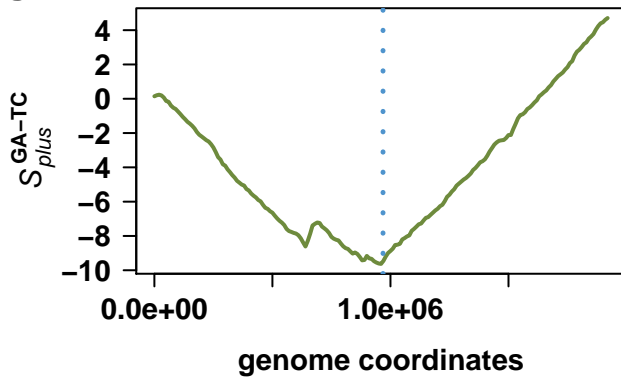
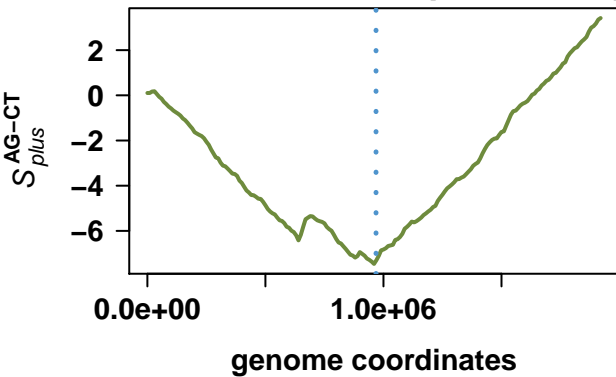
# Streptococcus pyogenes MGAS10270



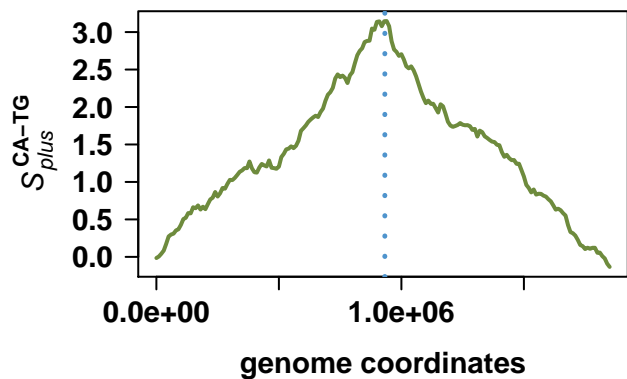
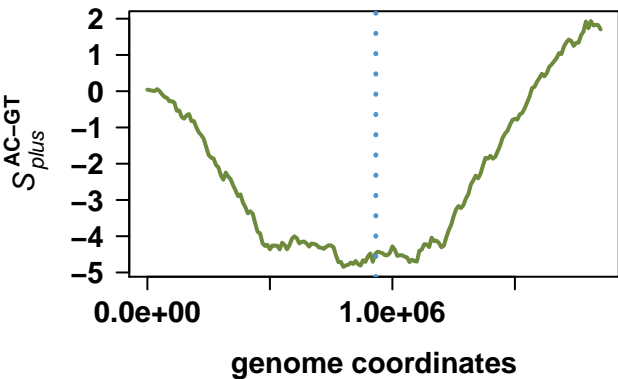
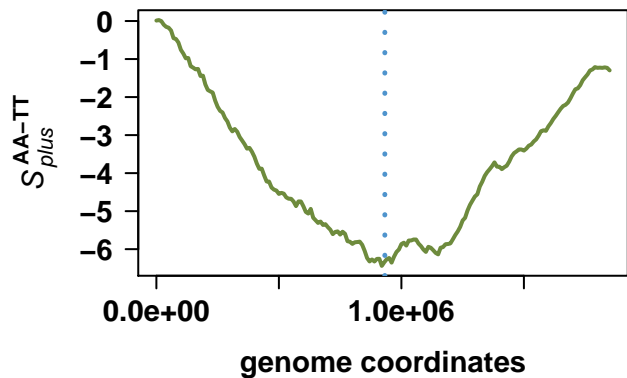
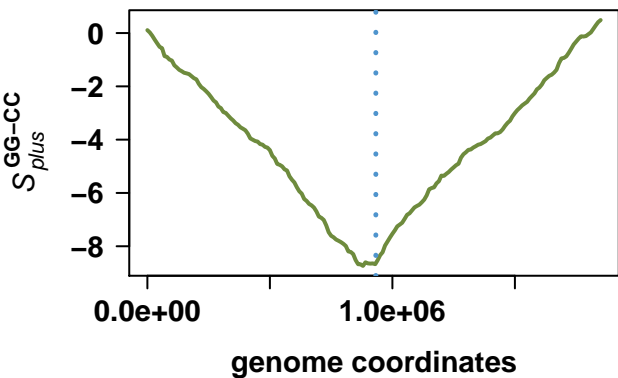
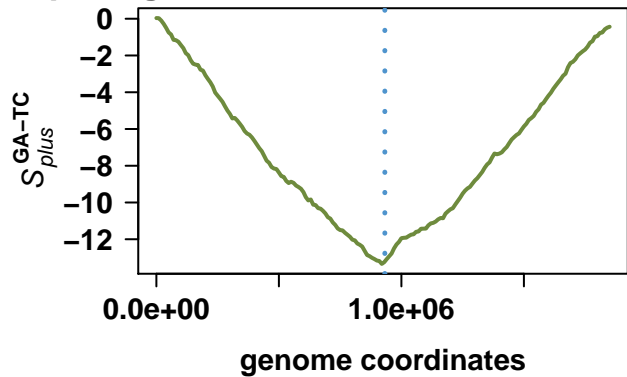
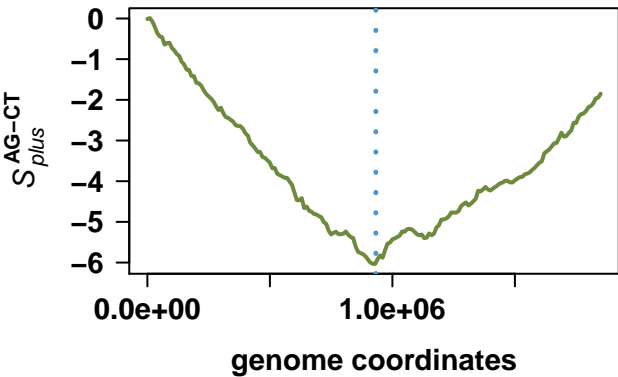
# Streptococcus pyogenes MGAS2096



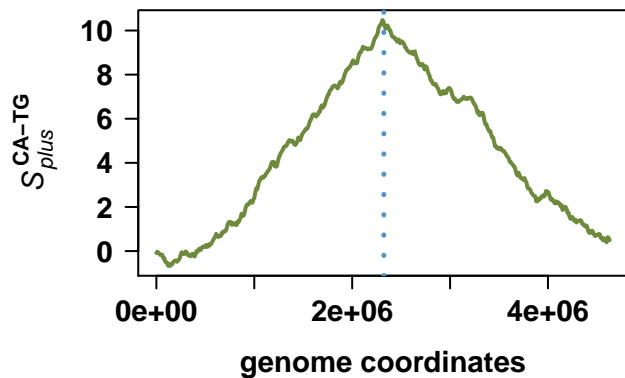
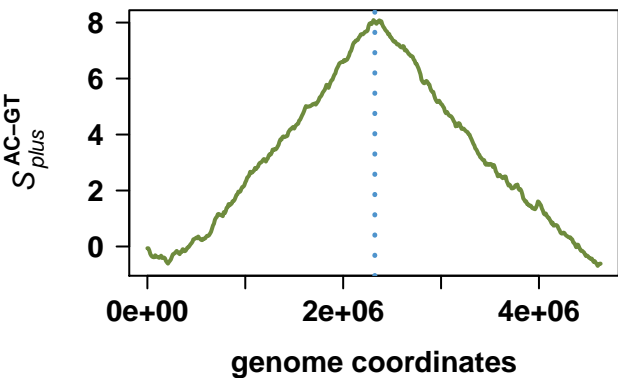
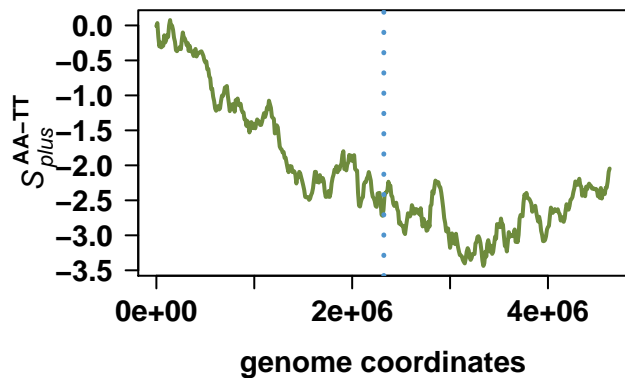
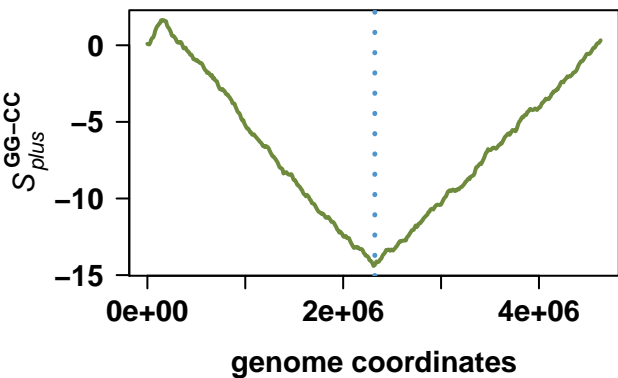
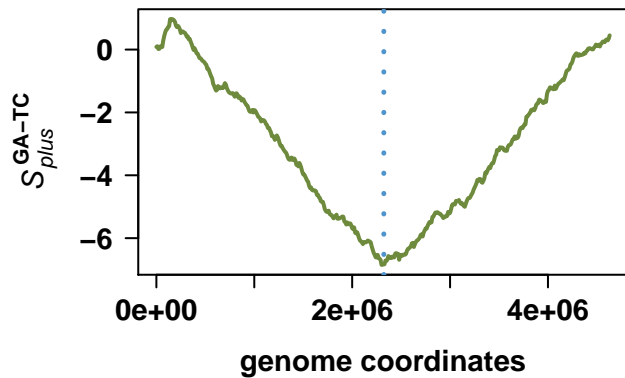
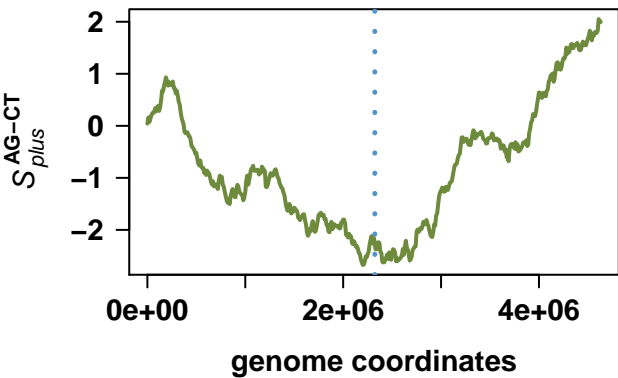
# Streptococcus pyogenes MGAS10750



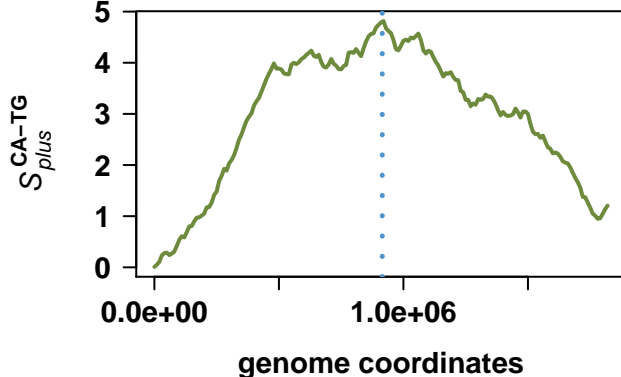
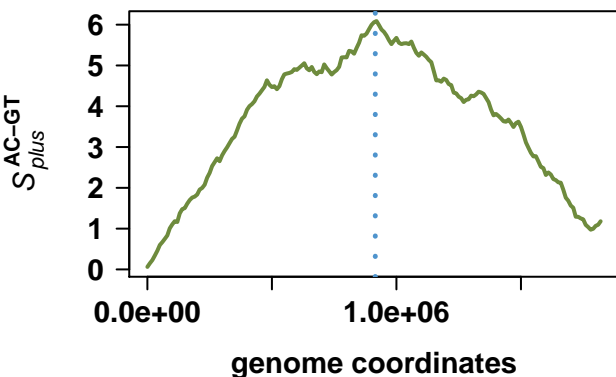
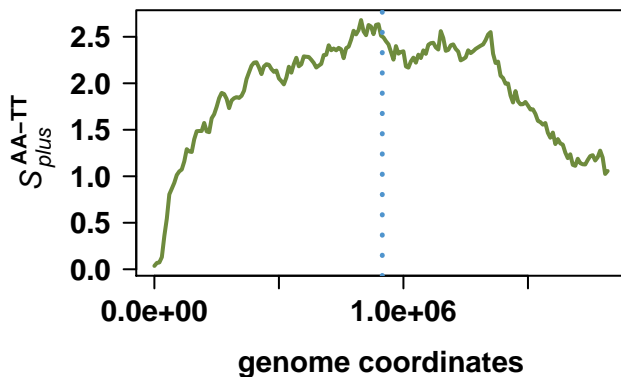
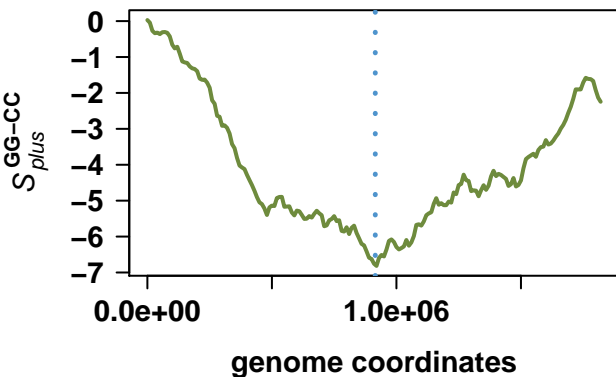
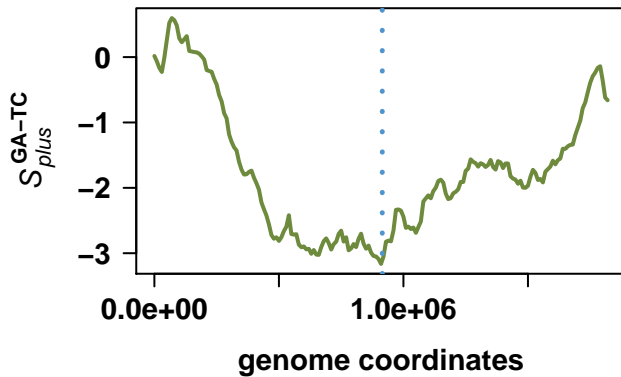
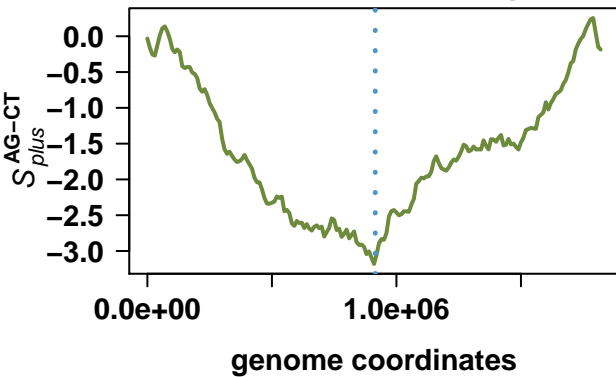
# Lactobacillus delbrueckii subsp. bulgaricus ATCC 11842



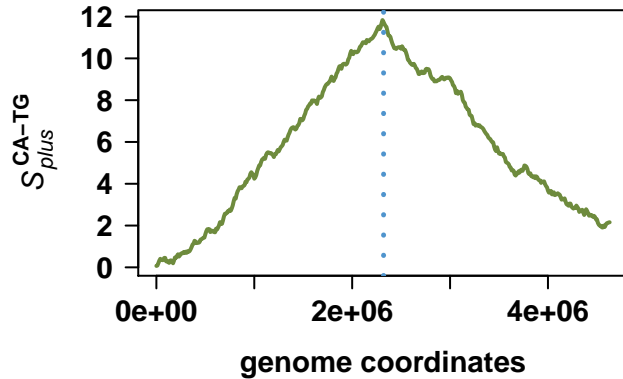
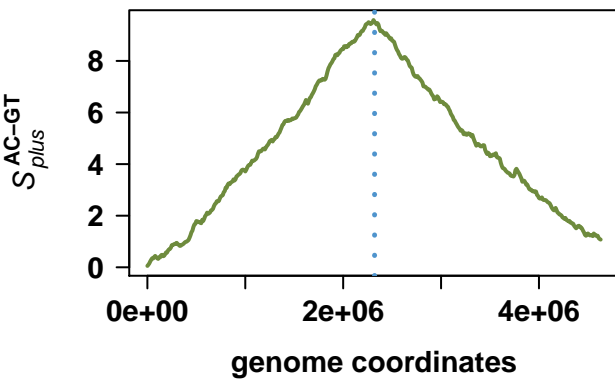
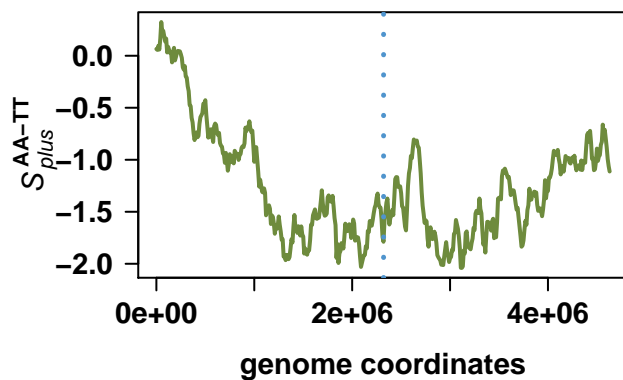
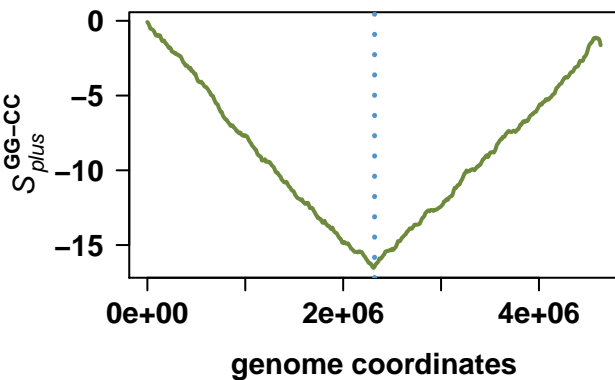
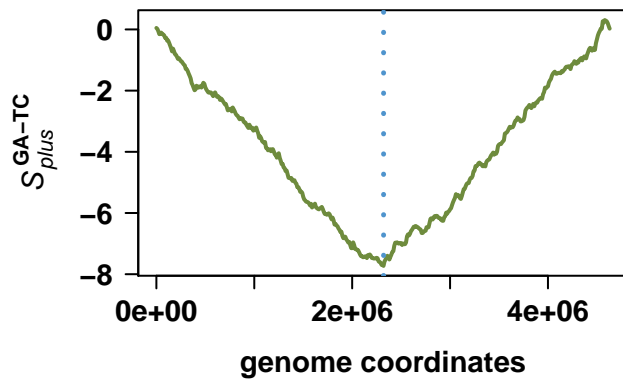
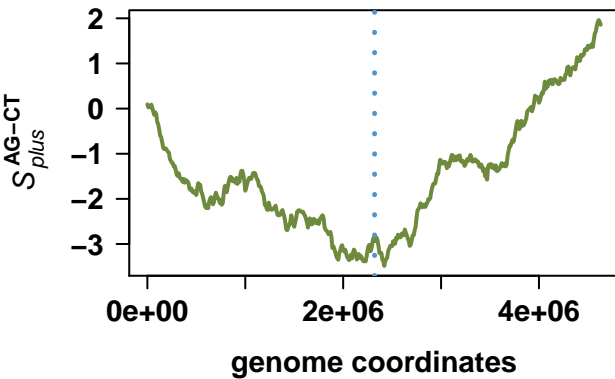
# Escherichia coli str. K-12 substr. W3110



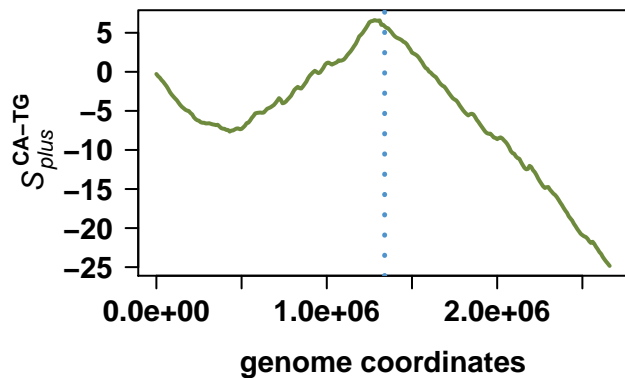
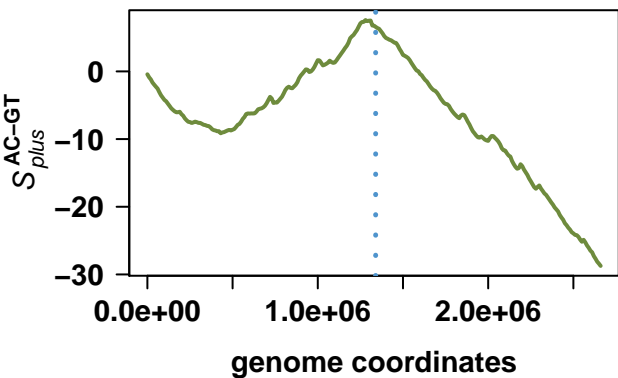
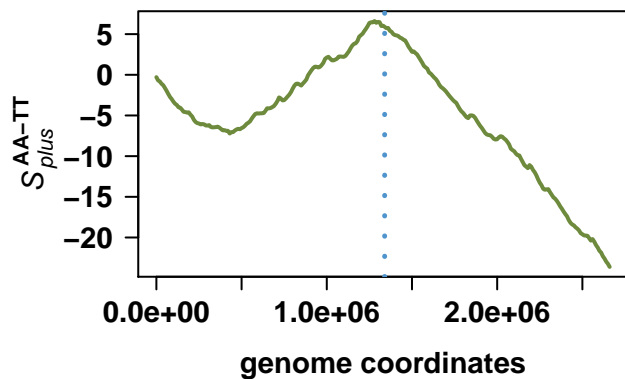
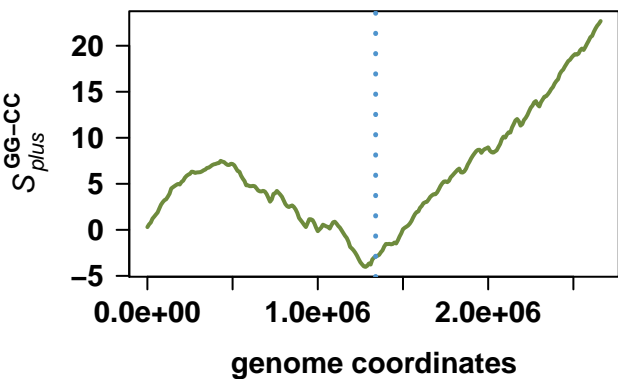
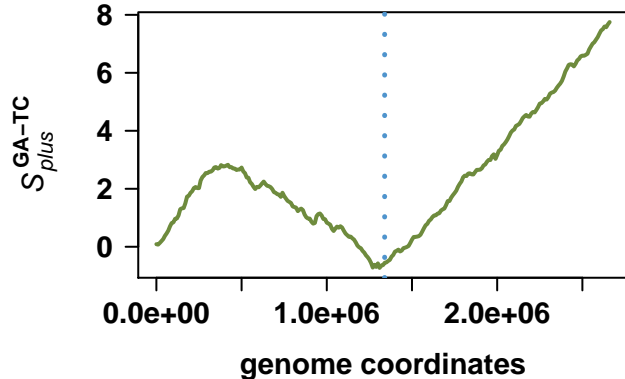
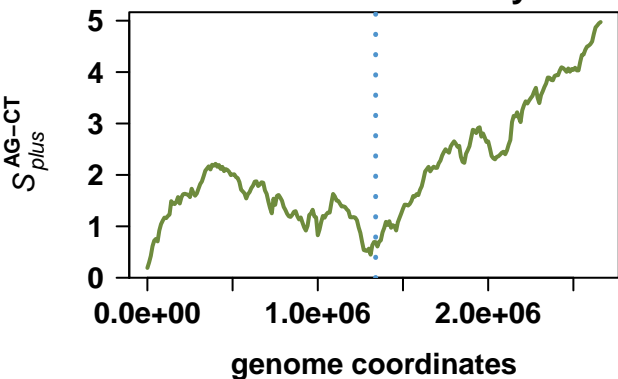
# Haemophilus influenzae Rd KW20



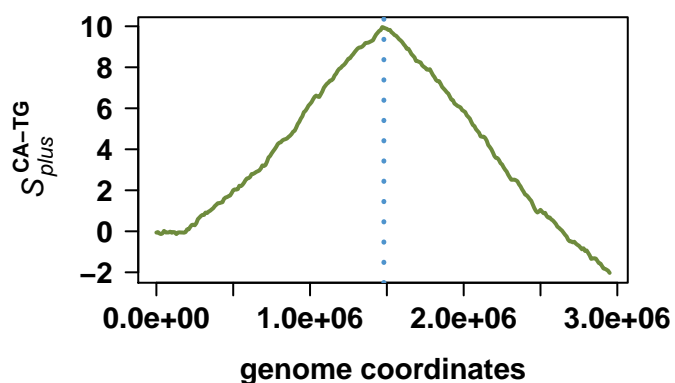
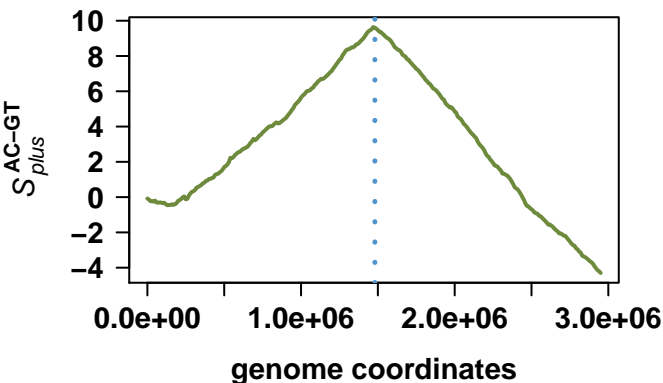
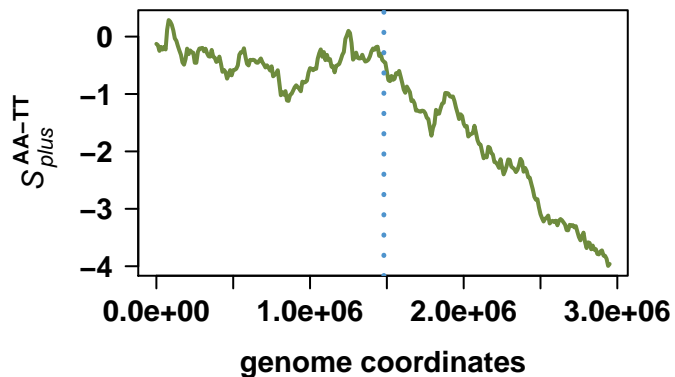
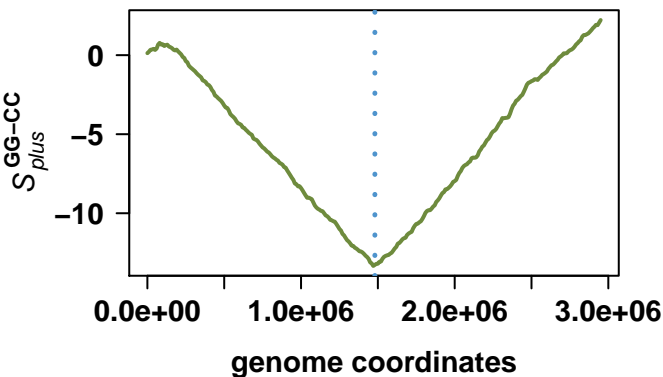
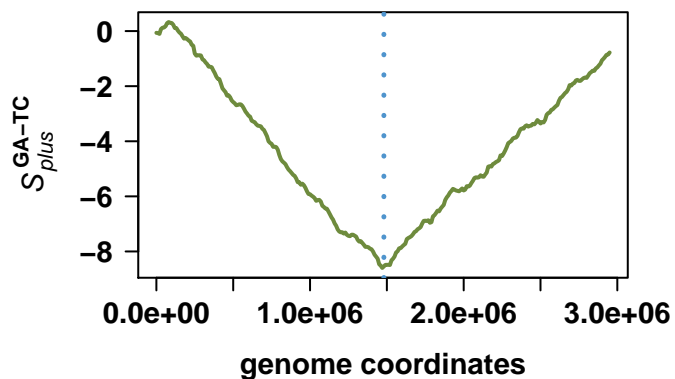
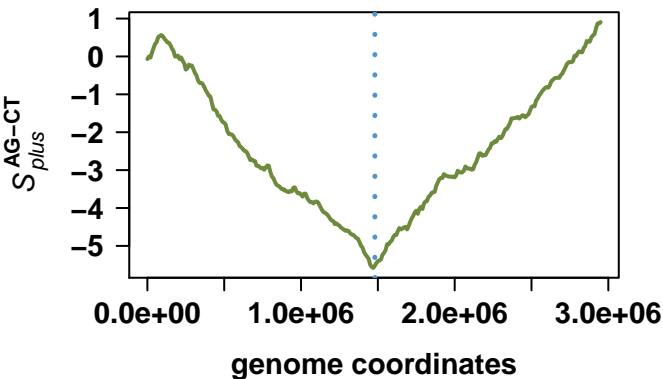
# Escherichia coli str. K-12 substr. MG1655



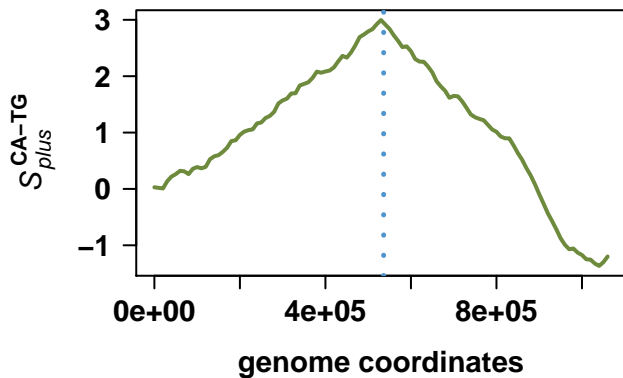
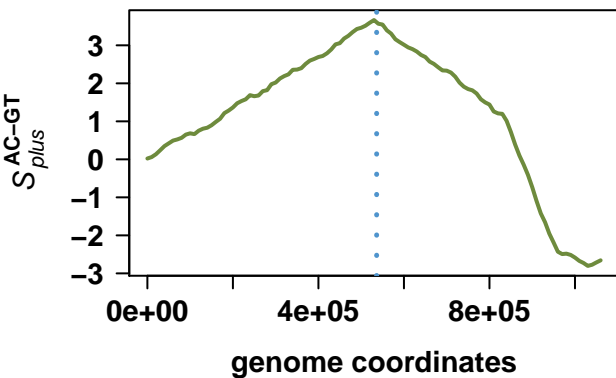
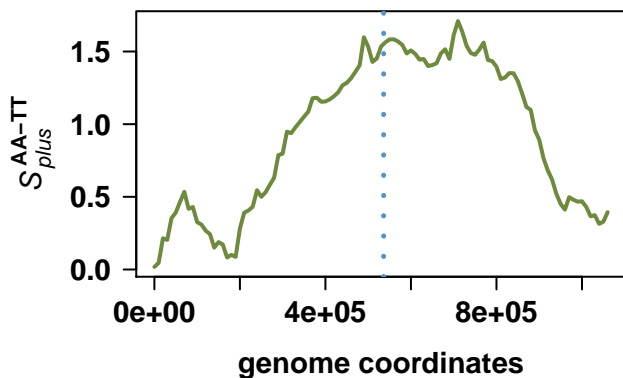
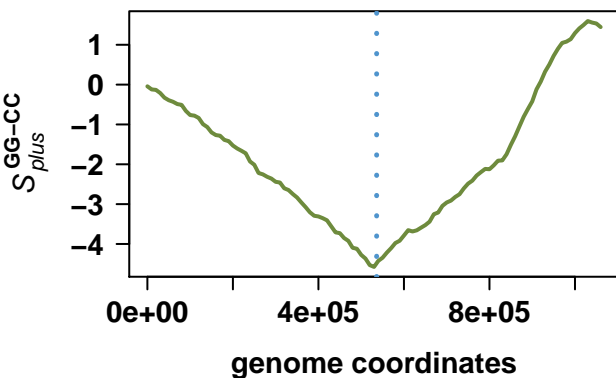
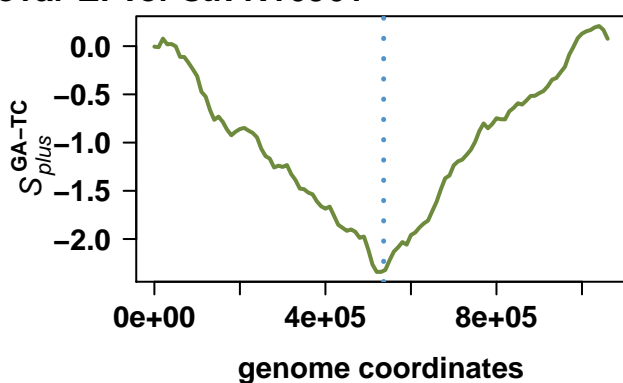
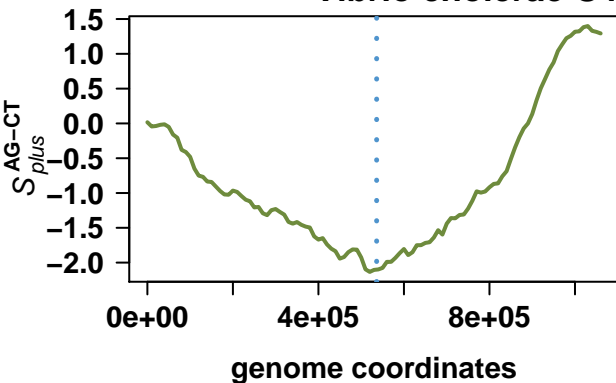
# *Xylella fastidiosa* 9a5c



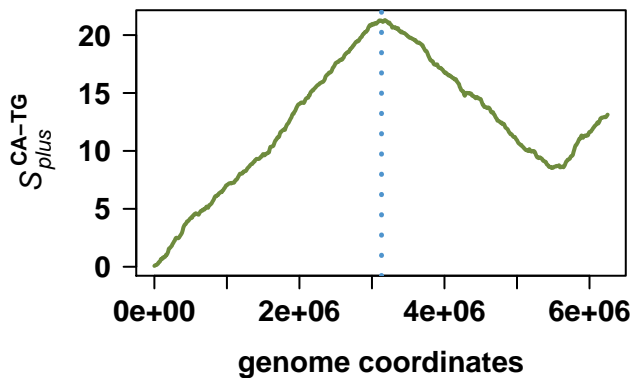
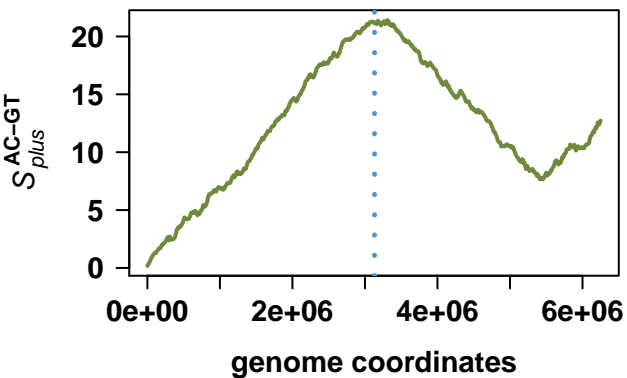
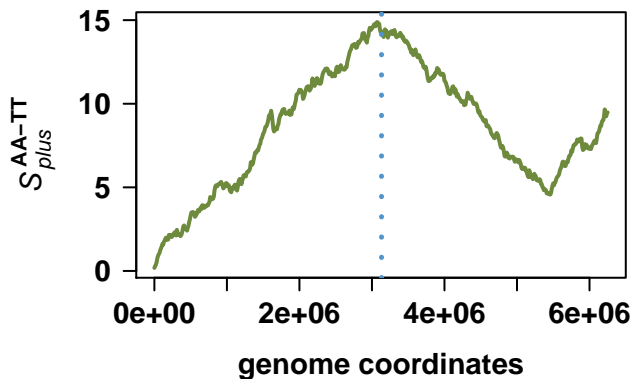
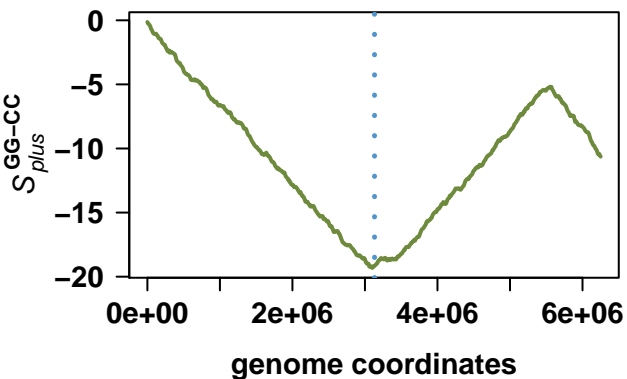
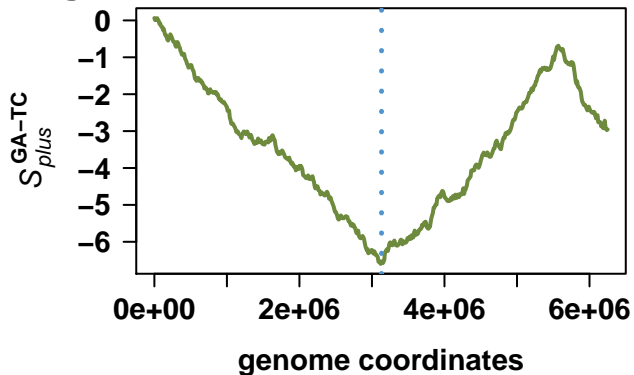
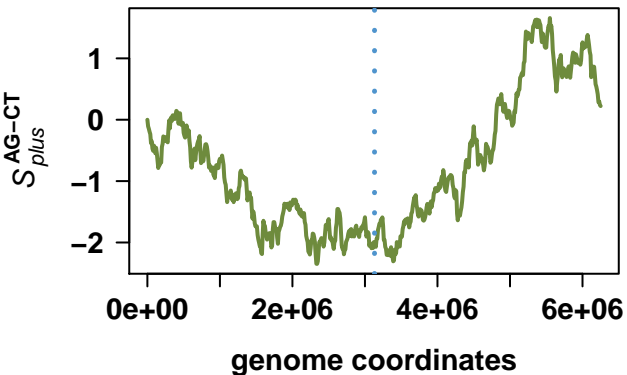
# Vibrio cholerae O1 biovar El Tor str. N16961



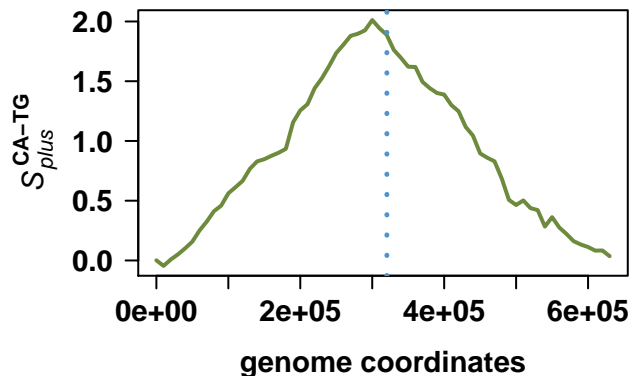
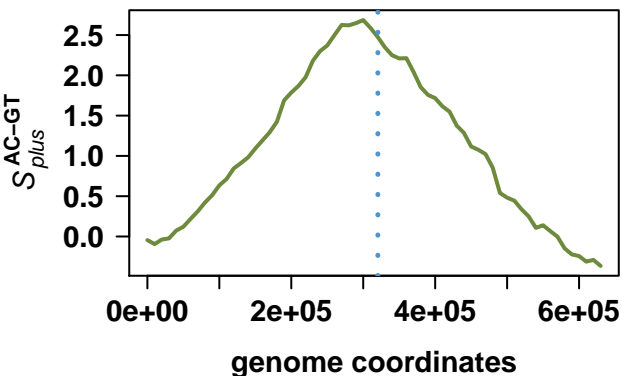
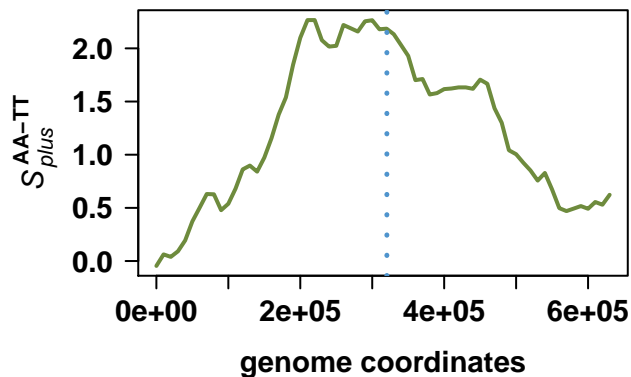
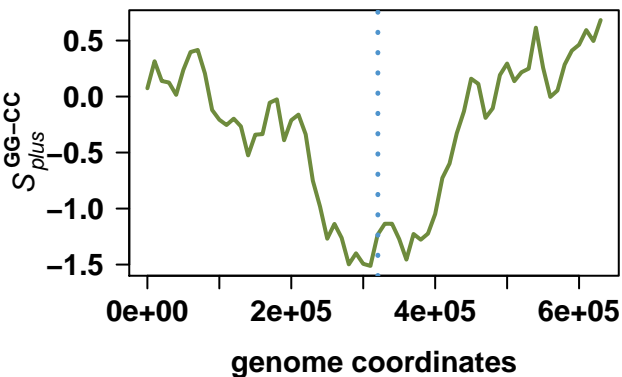
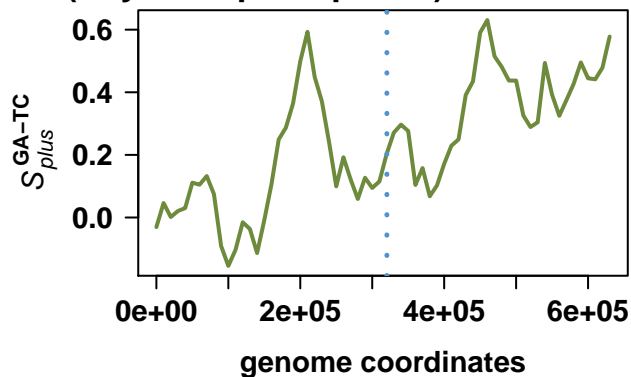
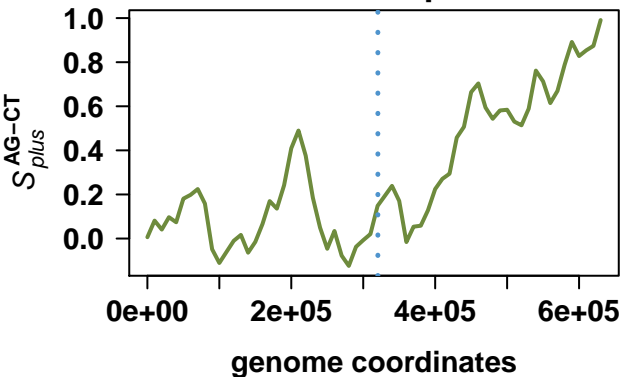
# *Vibrio cholerae* O1 biovar El Tor str. N16961



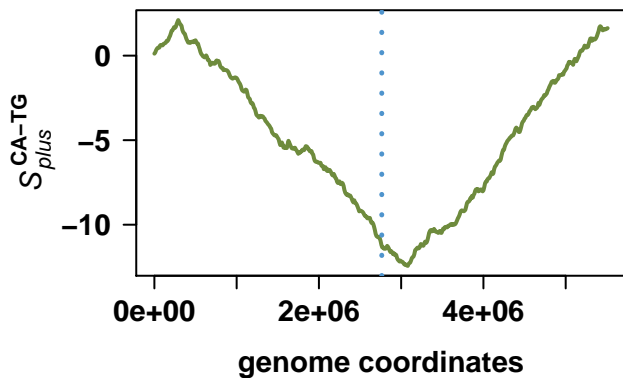
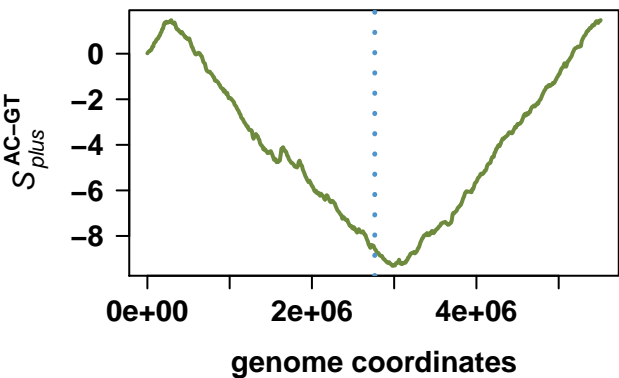
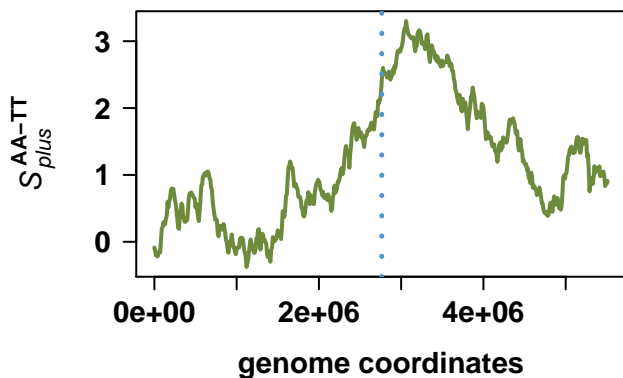
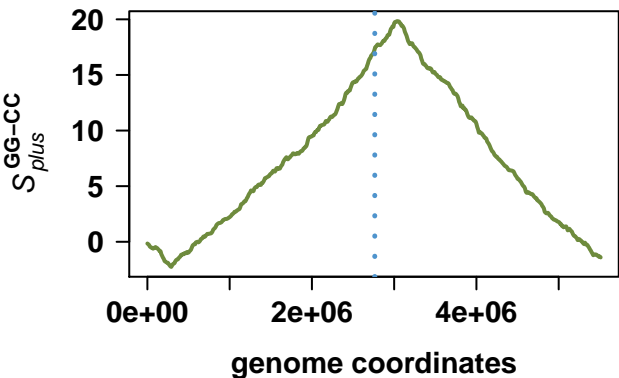
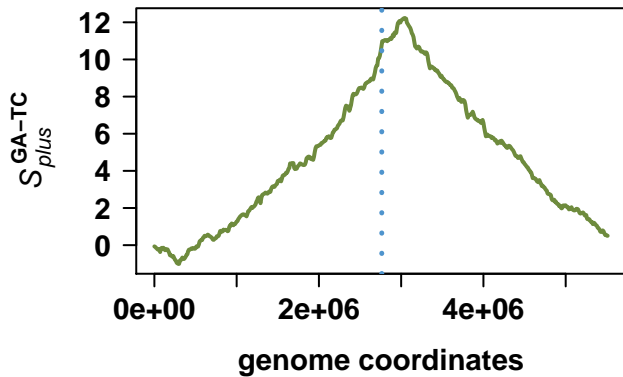
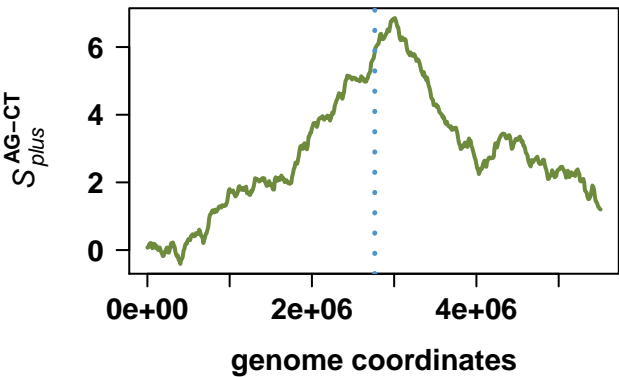
# *Pseudomonas aeruginosa* PAO1



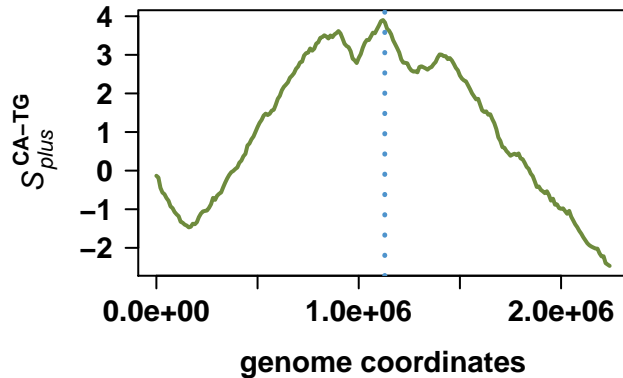
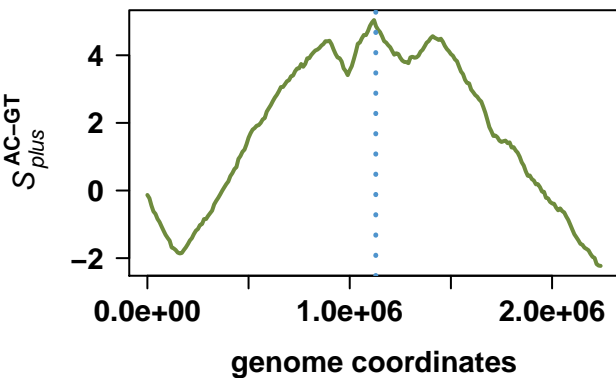
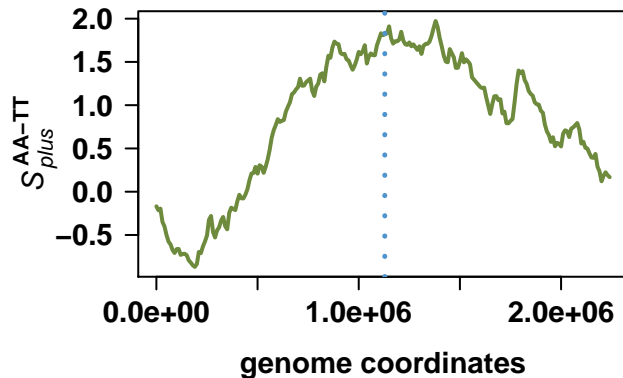
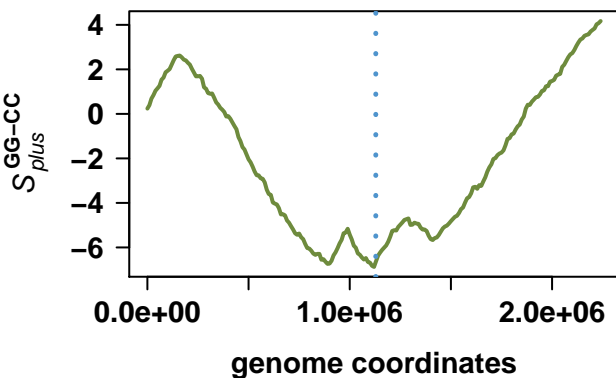
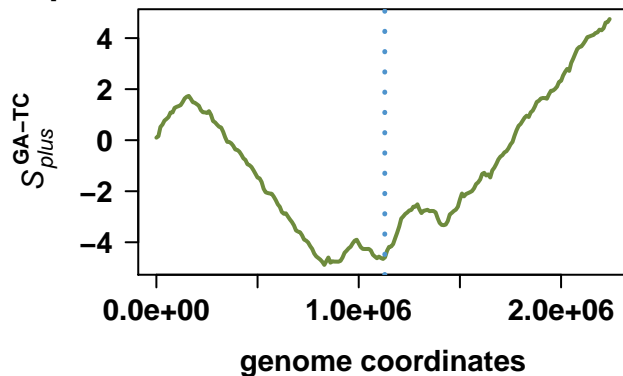
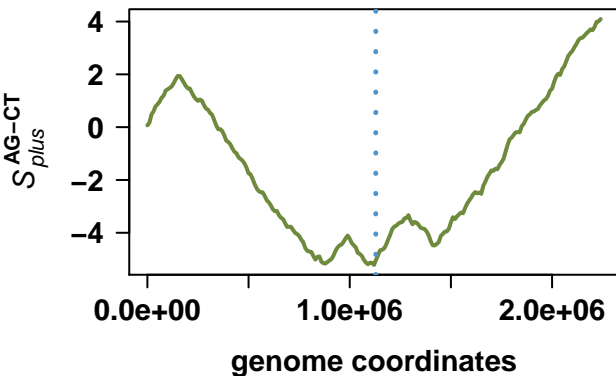
# Buchnera aphidicola str. APS (Acyrthosiphon pisum)



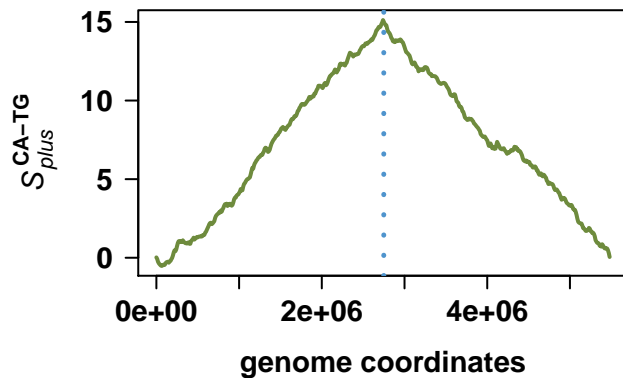
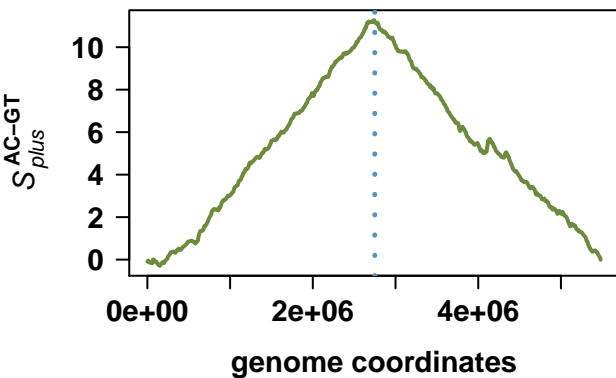
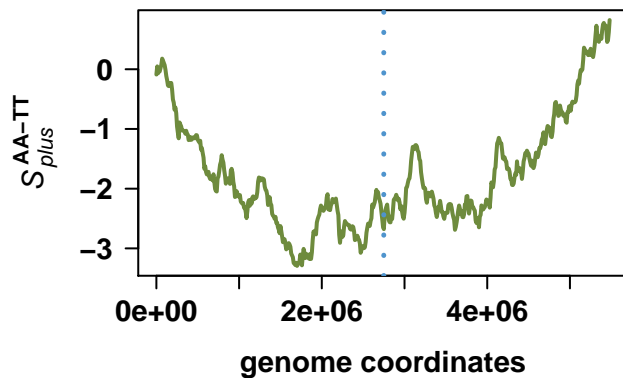
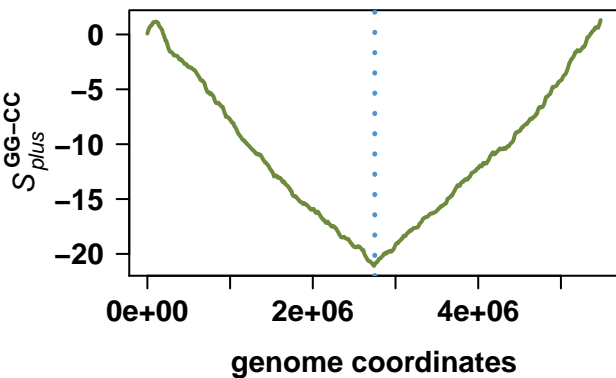
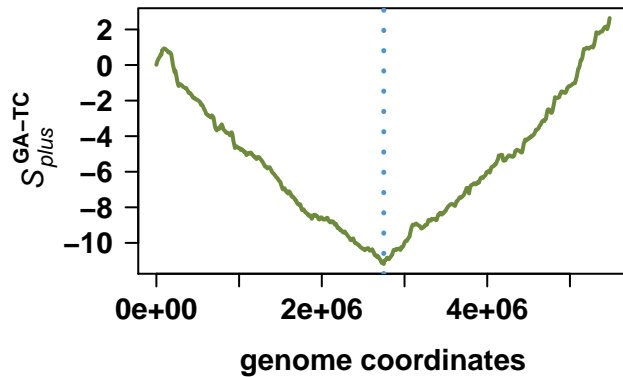
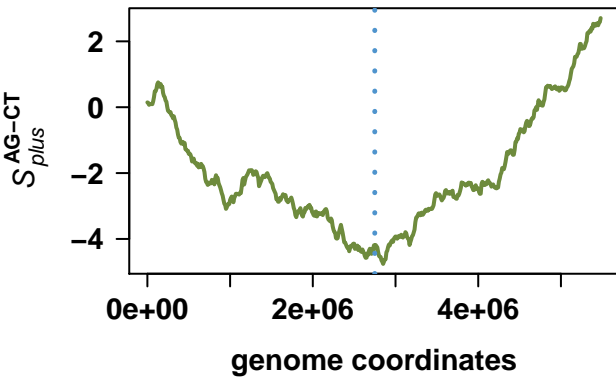
# Escherichia coli O157:H7 str. EDL933



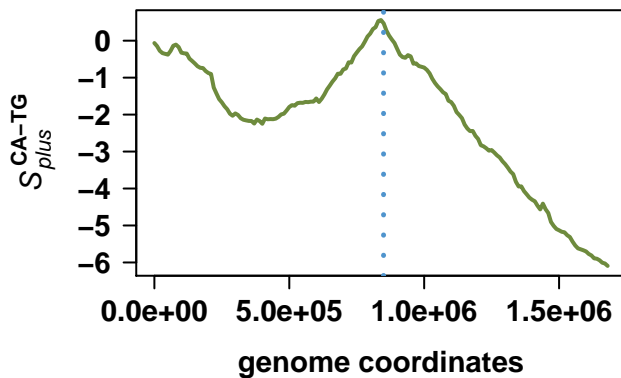
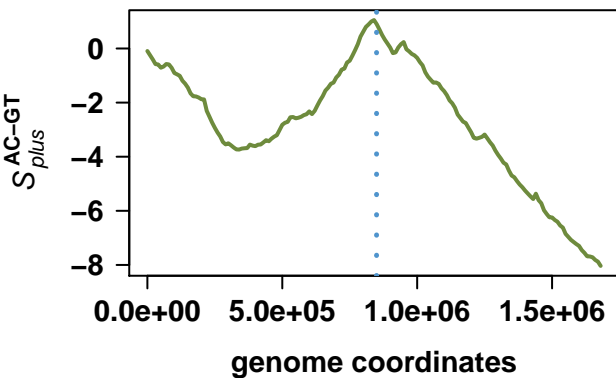
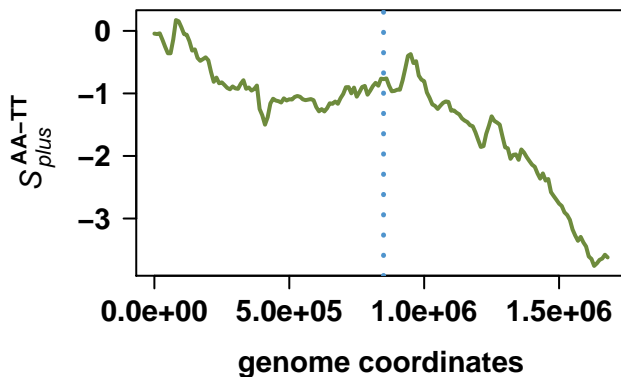
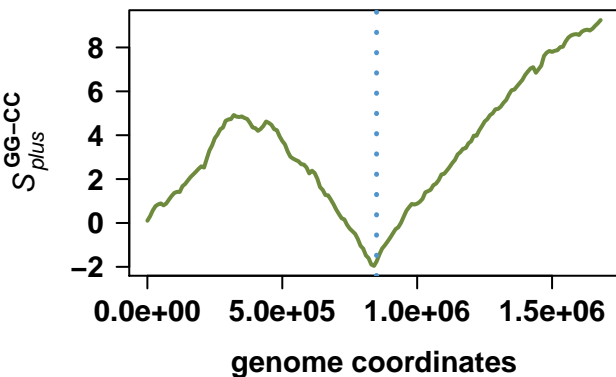
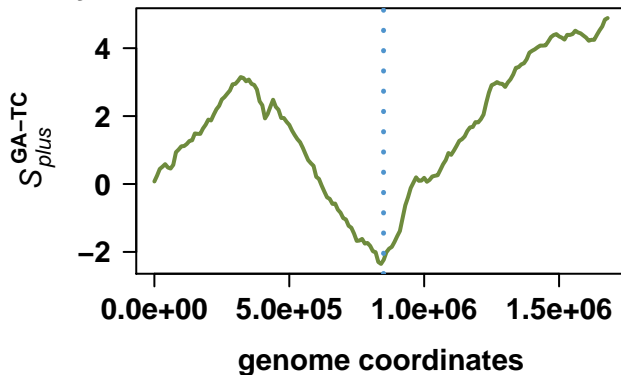
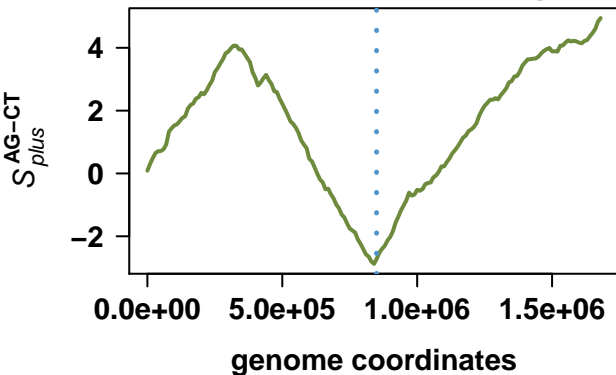
# *Pasteurella multocida* subsp. *multocida* str. Pm70



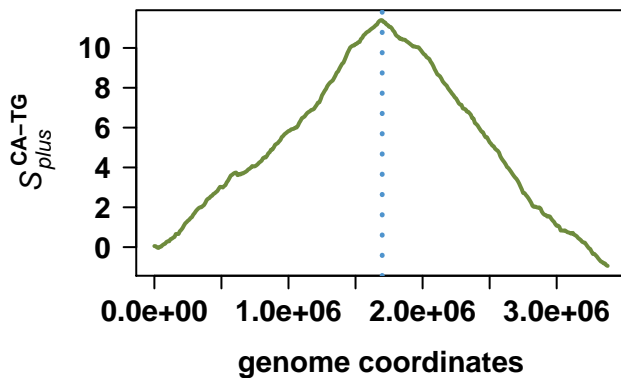
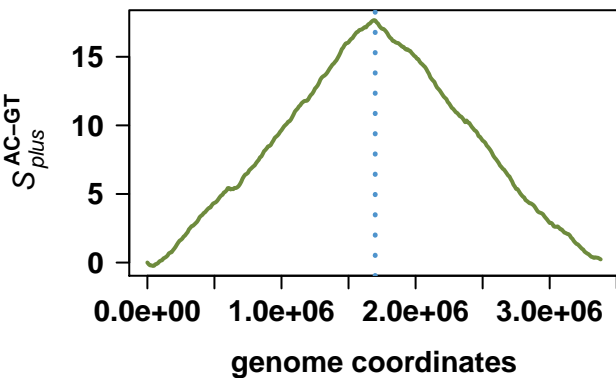
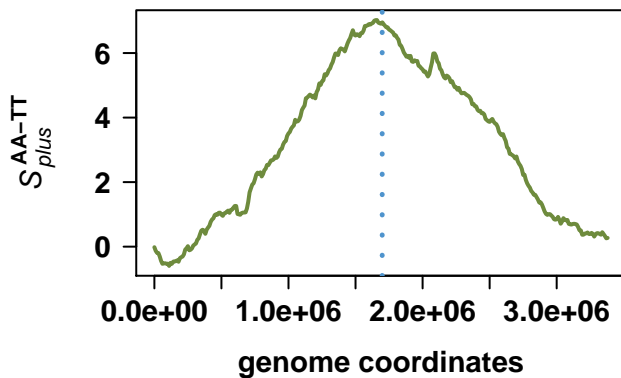
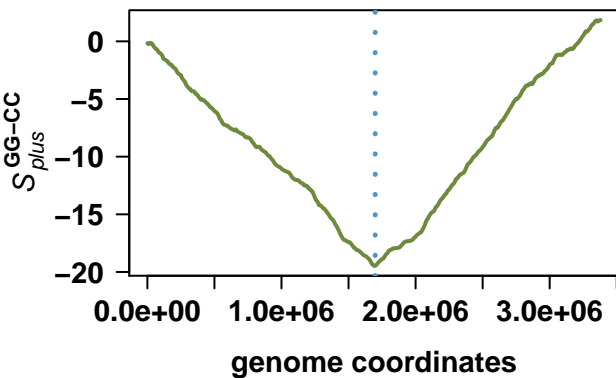
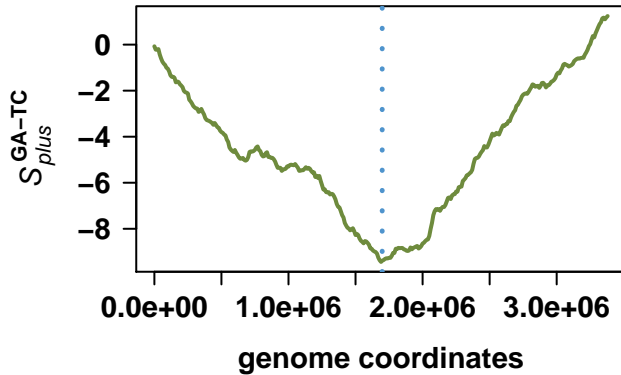
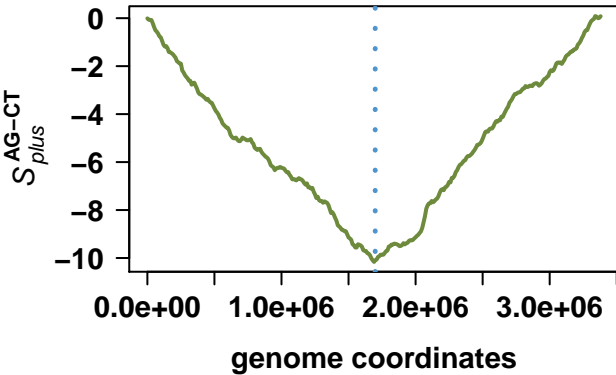
# Escherichia coli O157:H7 str. Sakai



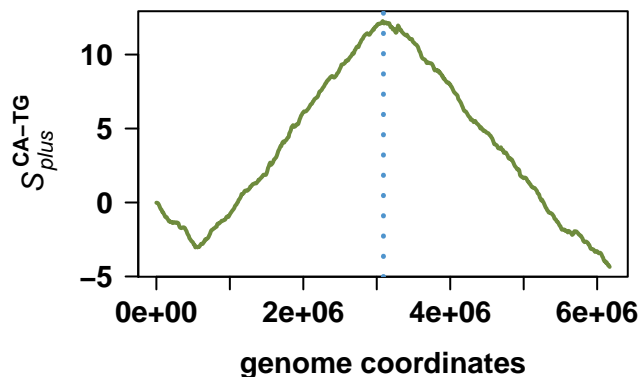
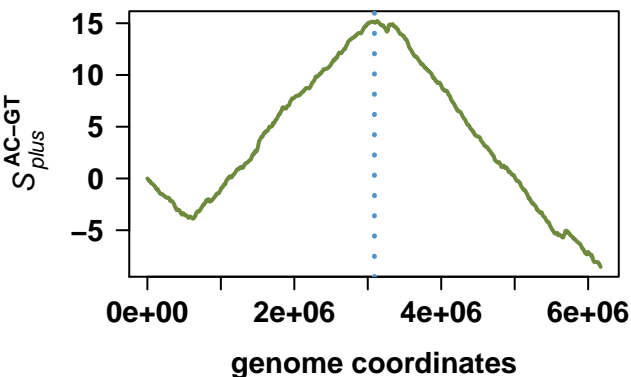
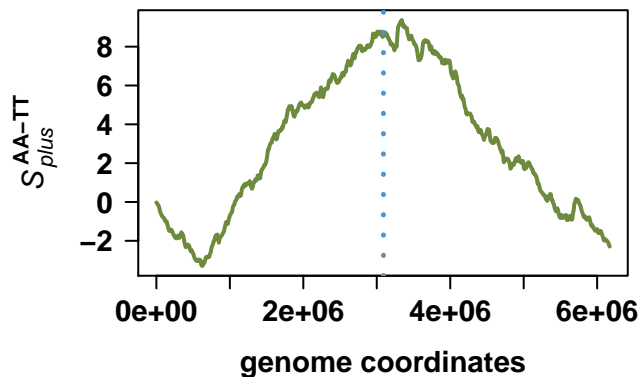
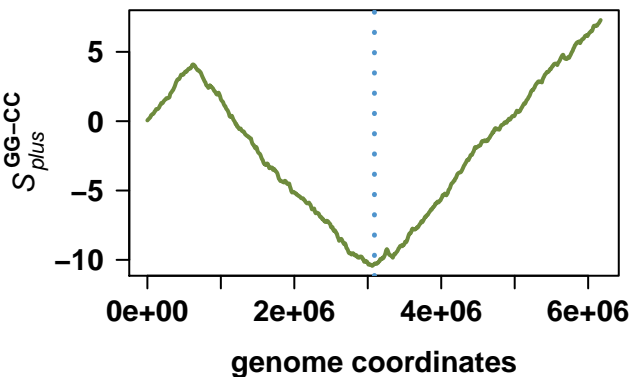
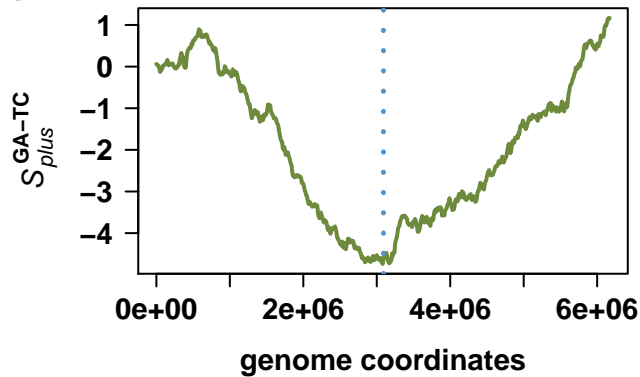
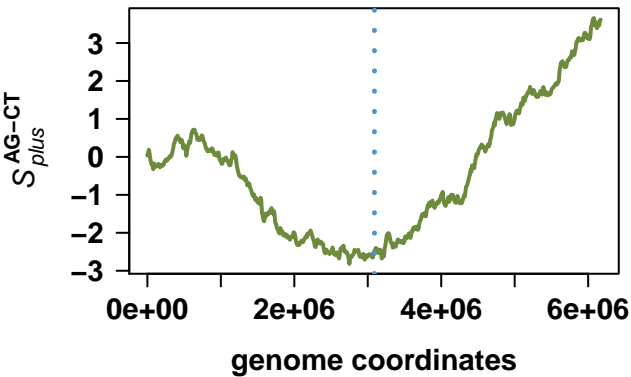
# Haemophilus ducreyi 35000HP



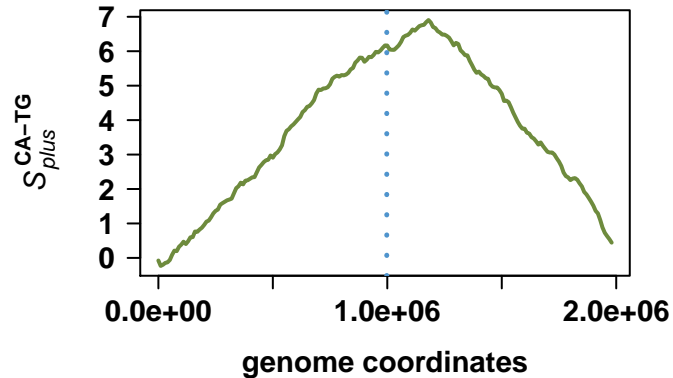
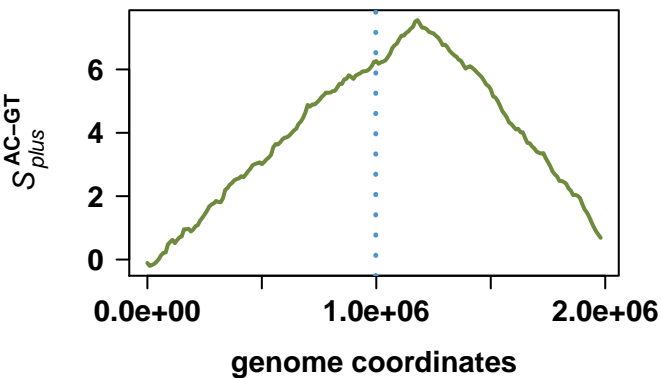
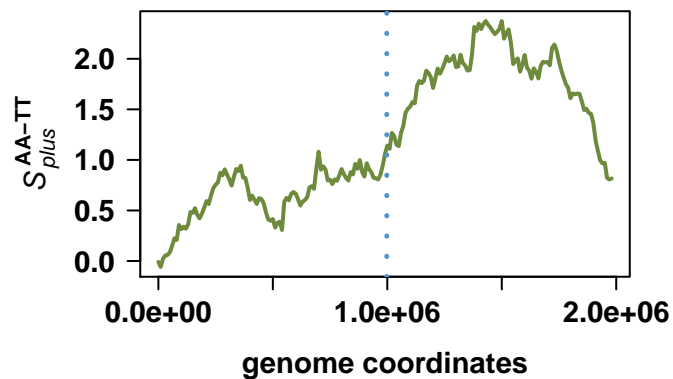
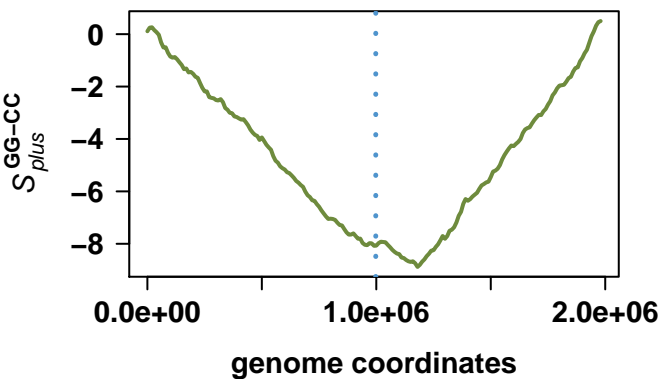
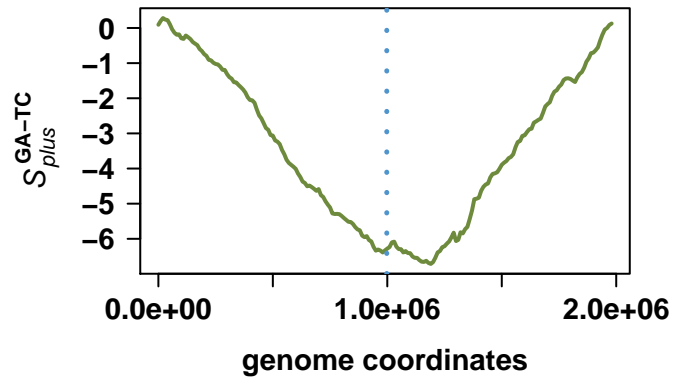
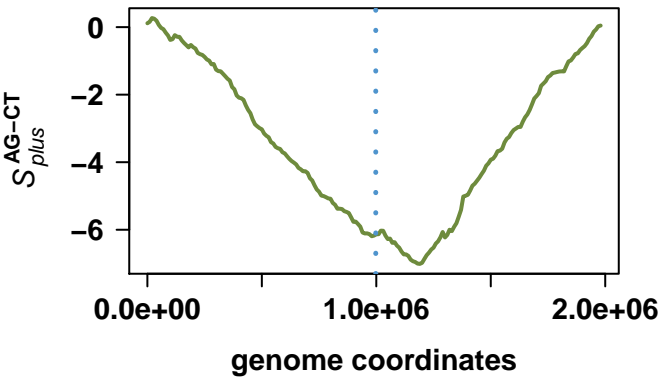
# Legionella pneumophila subsp. pneumophila str. Philadelphia 1



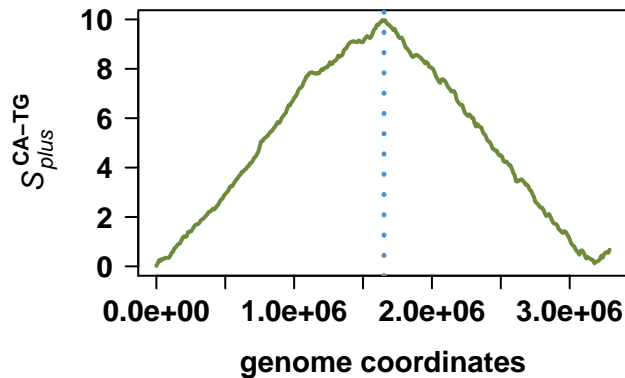
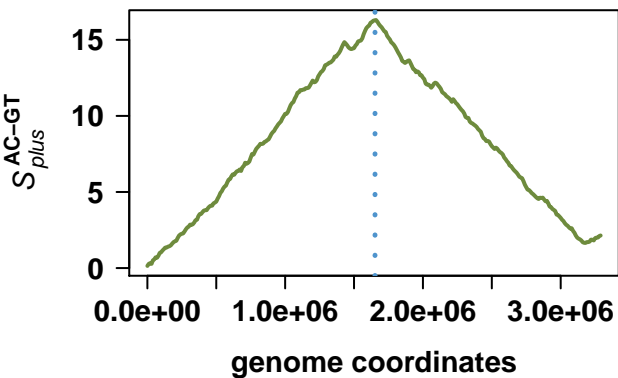
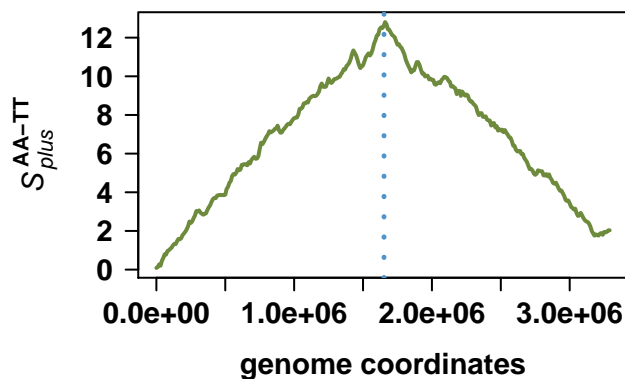
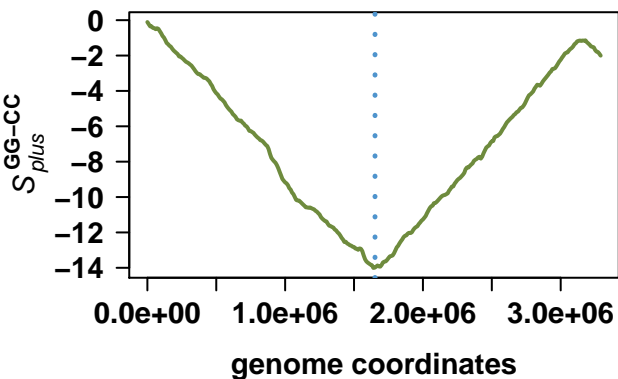
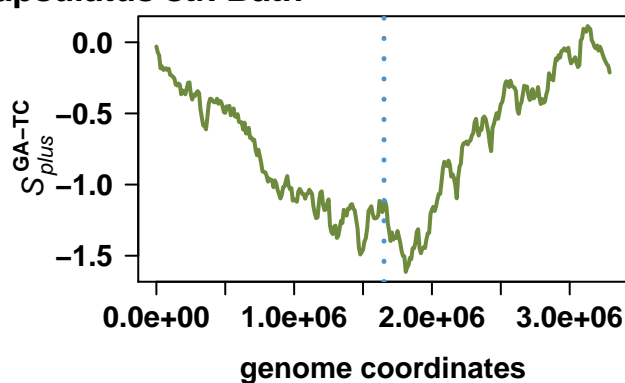
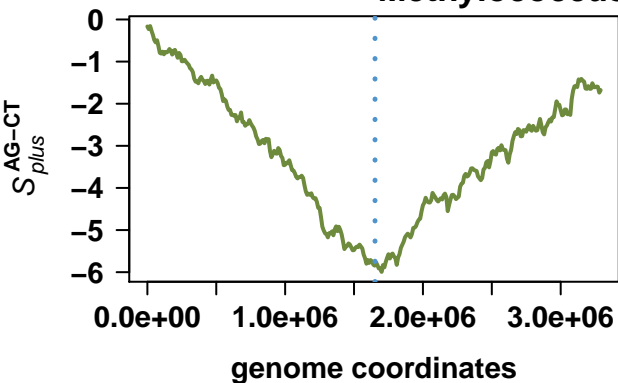
# *Pseudomonas putida* KT2440



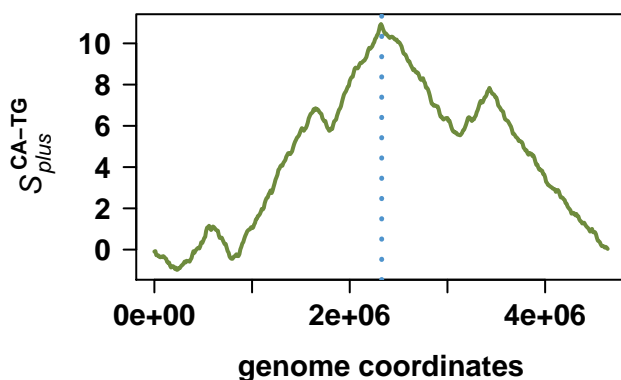
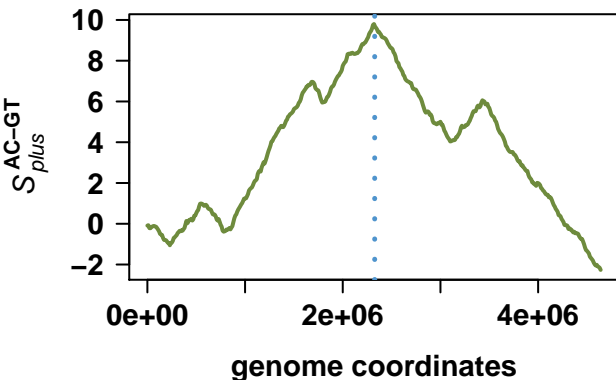
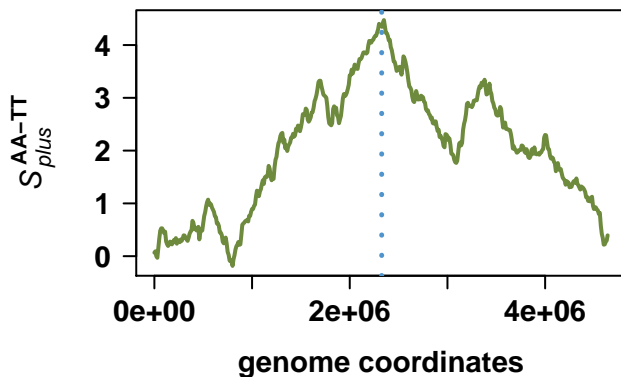
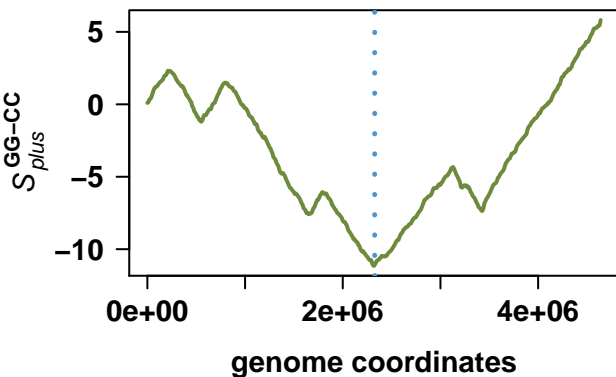
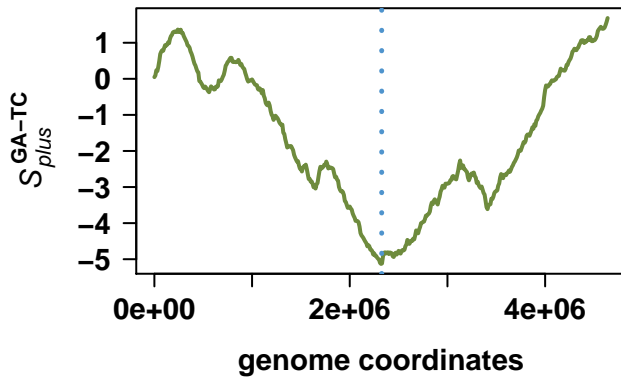
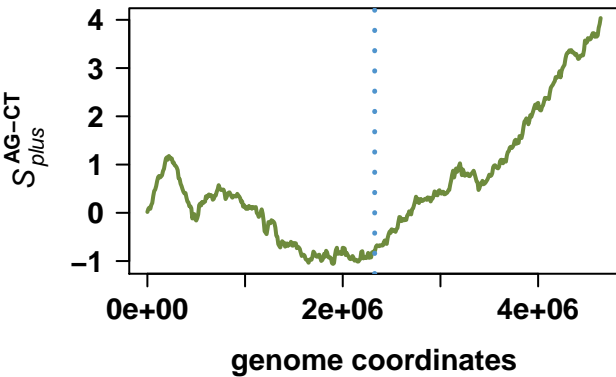
# Coxiella burnetii RSA 493



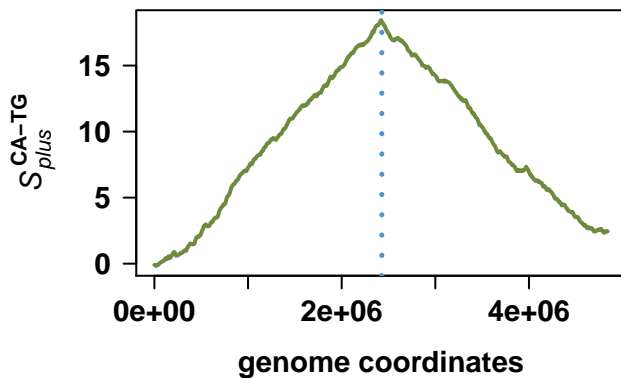
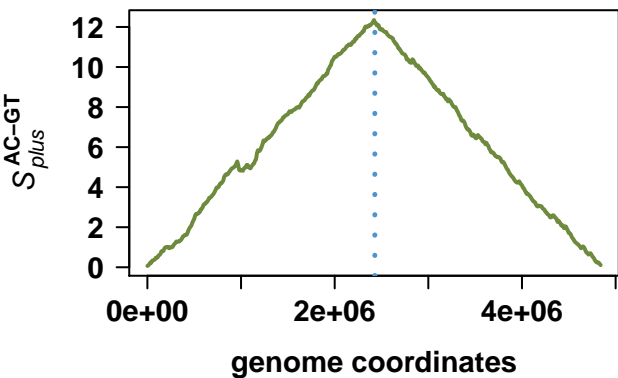
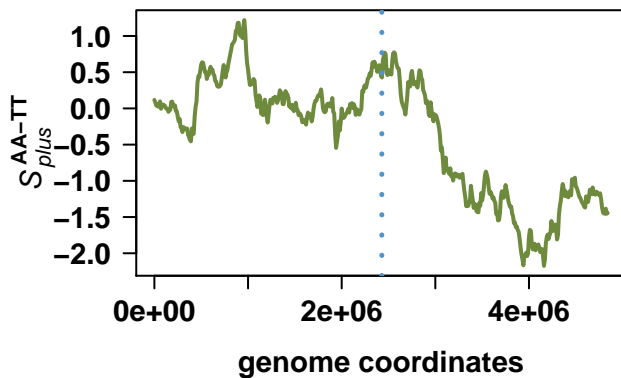
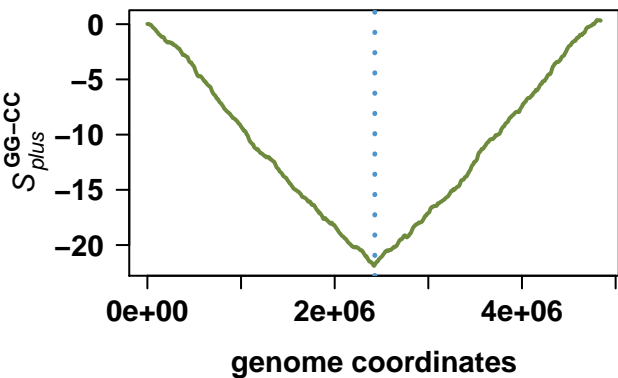
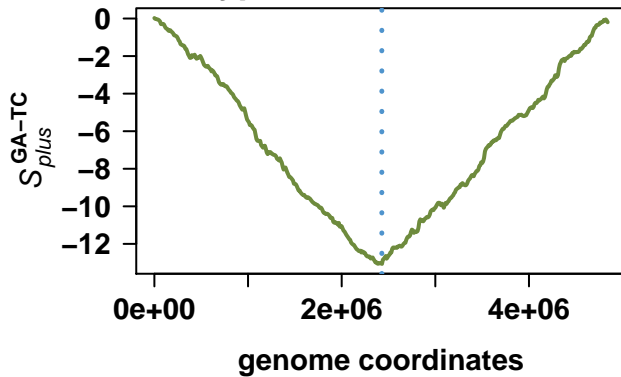
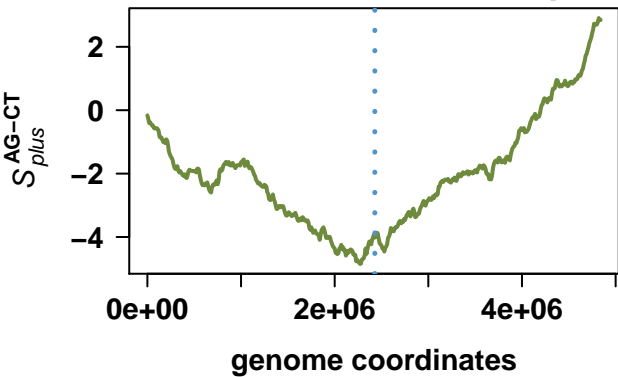
# Methylococcus capsulatus str. Bath



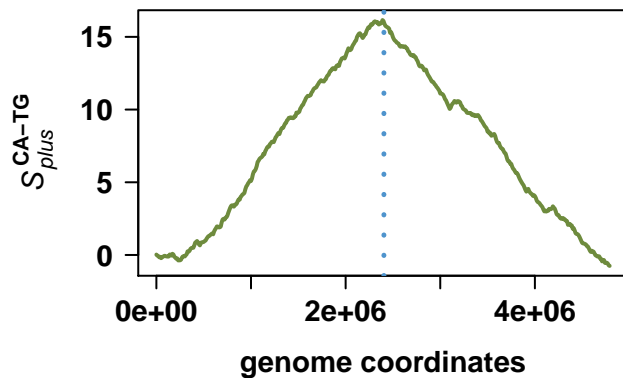
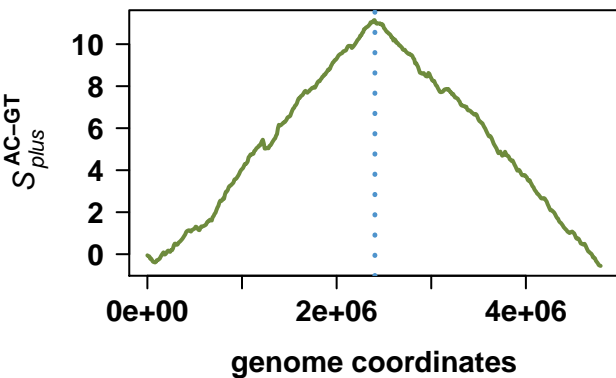
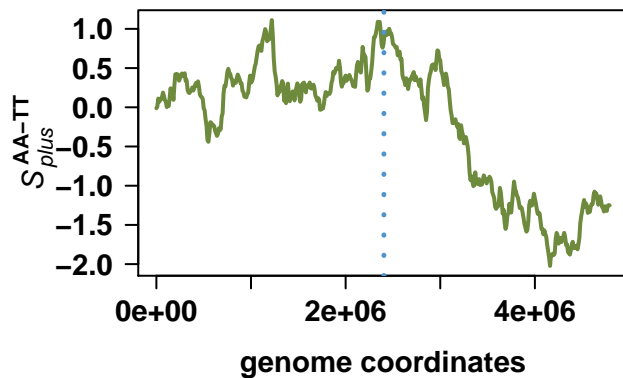
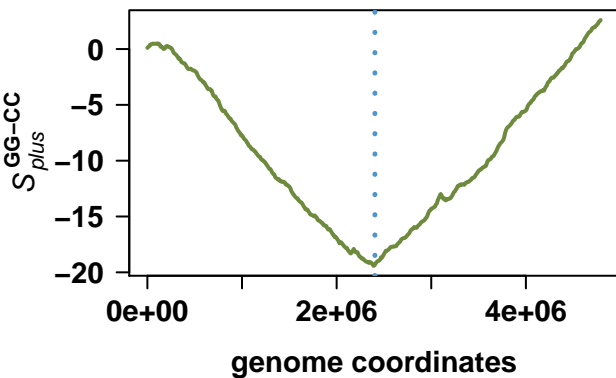
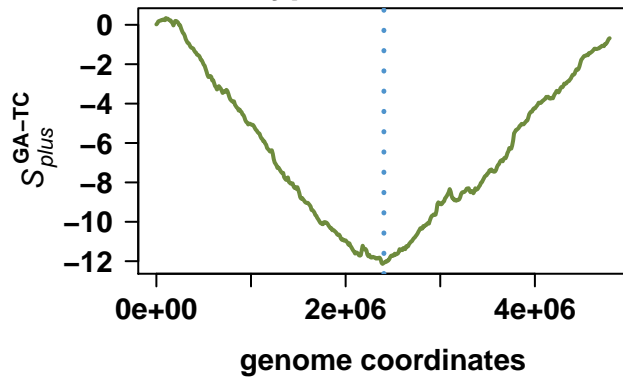
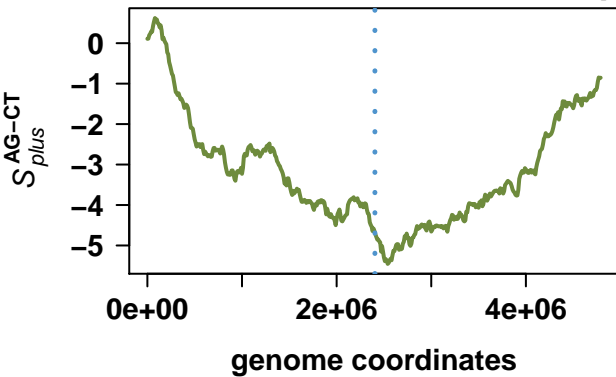
# Yersinia pestis CO92



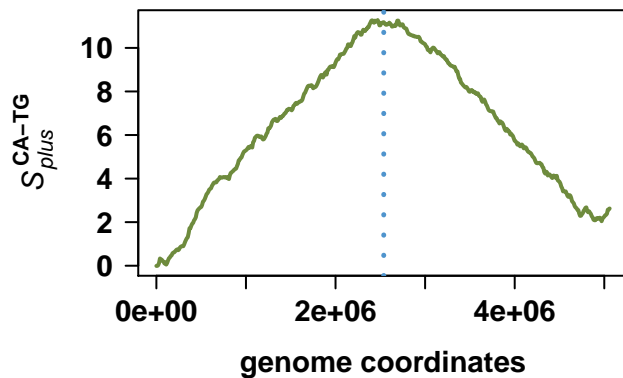
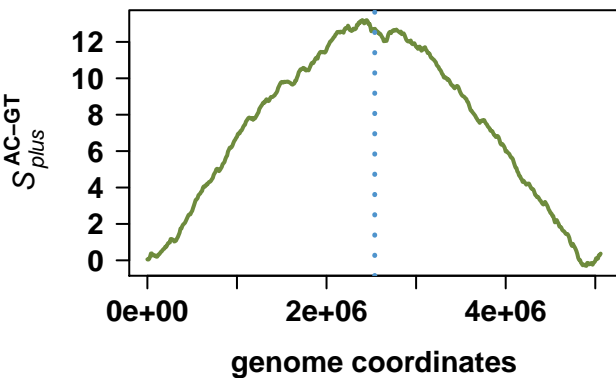
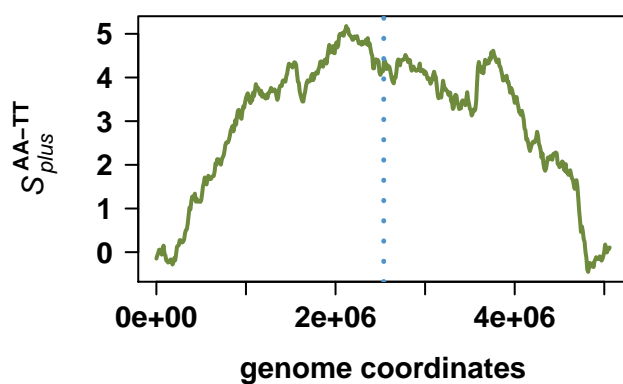
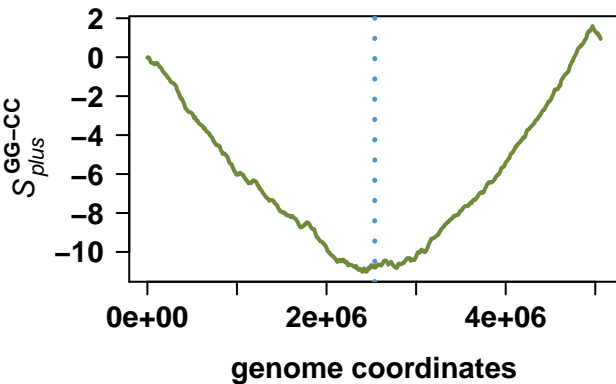
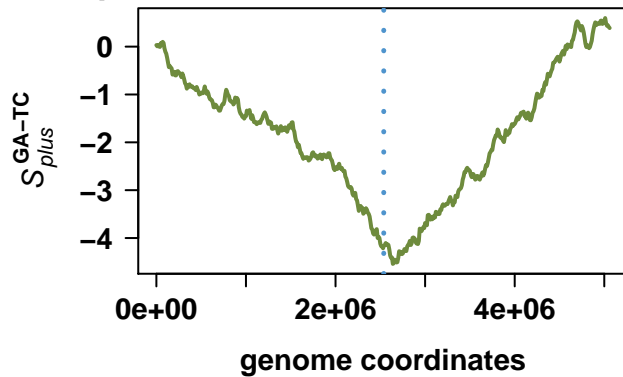
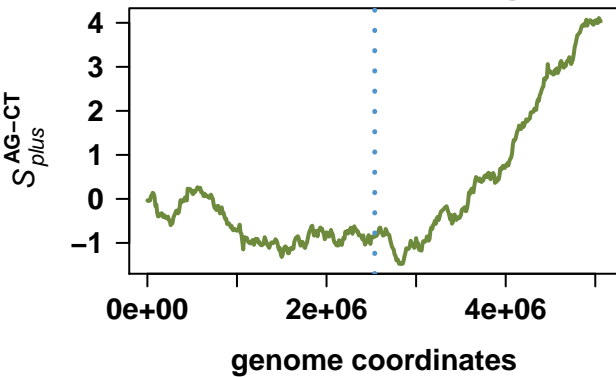
# Salmonella enterica subsp. enterica serovar Typhimurium str. LT2



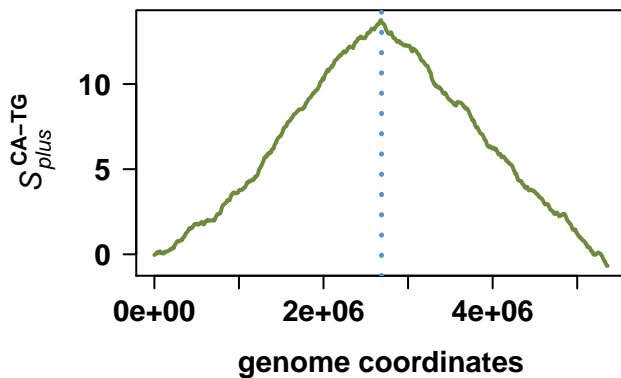
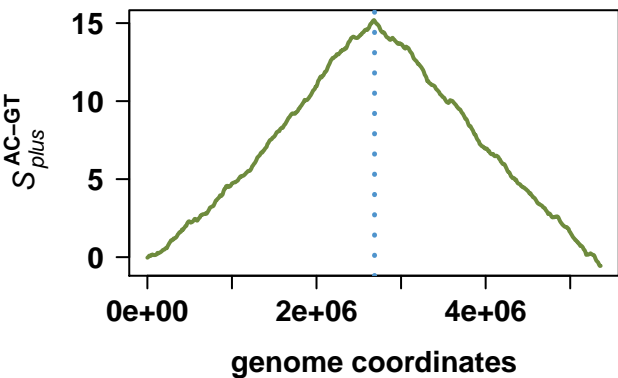
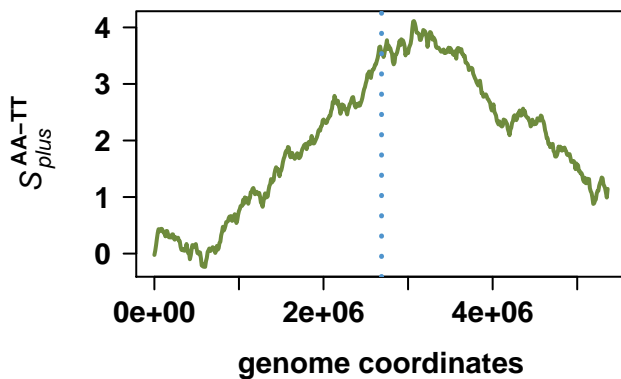
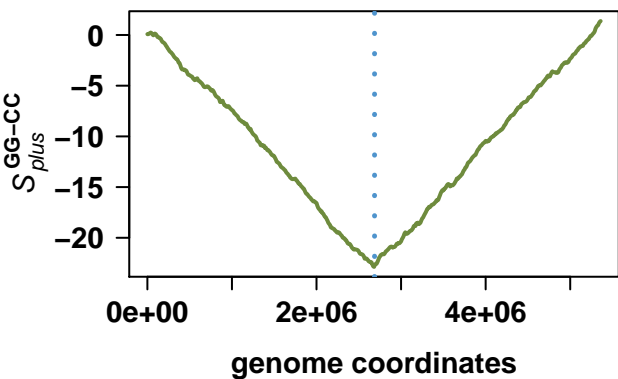
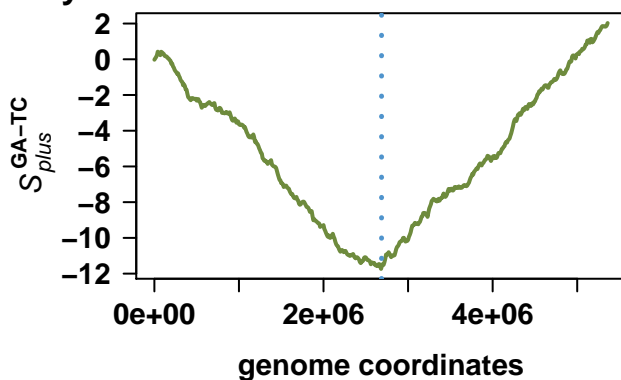
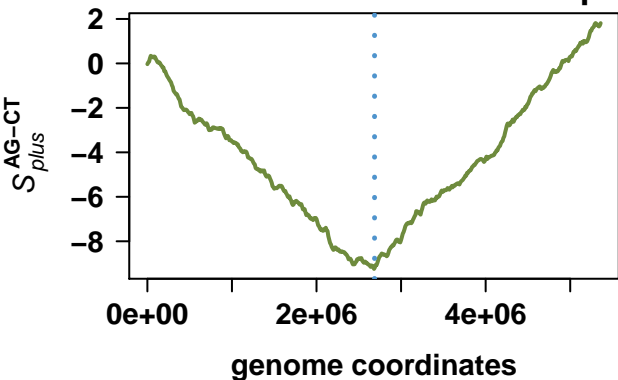
# Salmonella enterica subsp. enterica serovar Typhi str. CT18



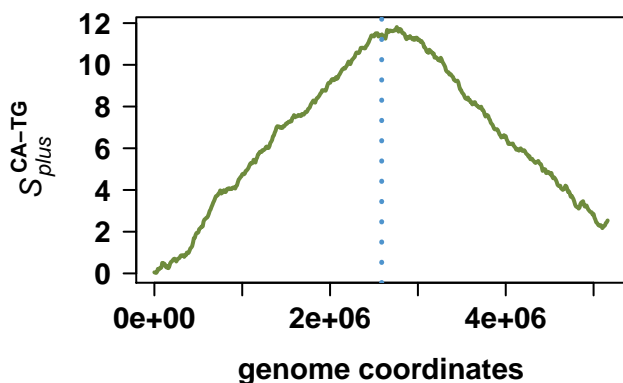
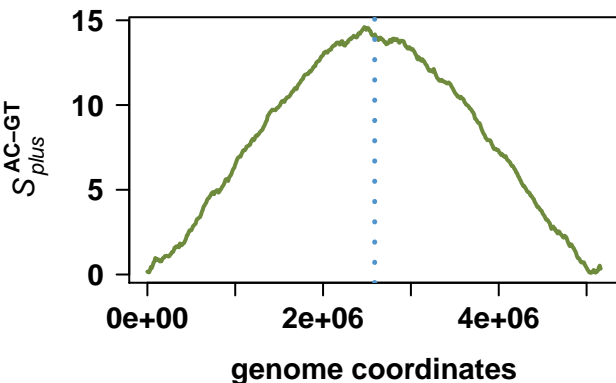
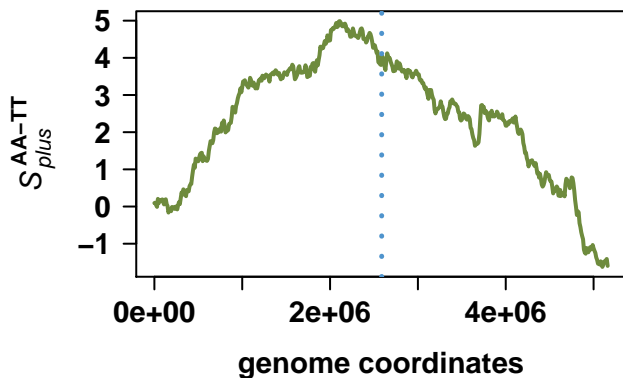
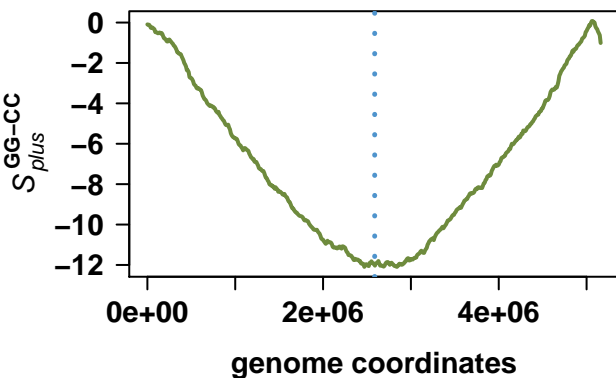
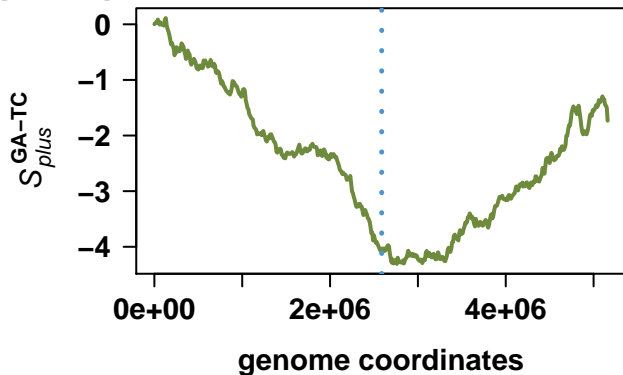
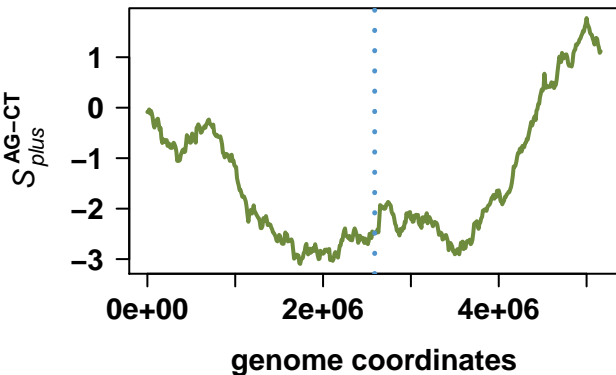
# *Xanthomonas campestris* pv. *campestris* str. ATCC 33913



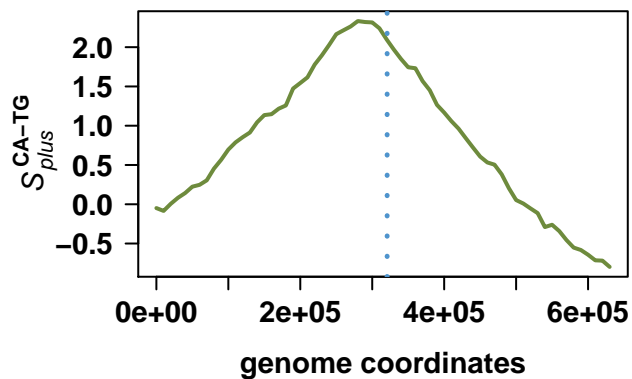
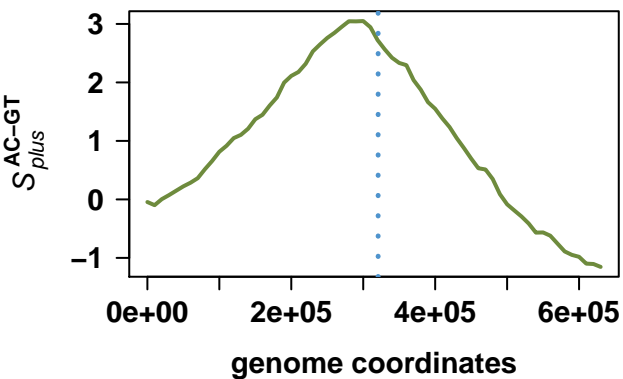
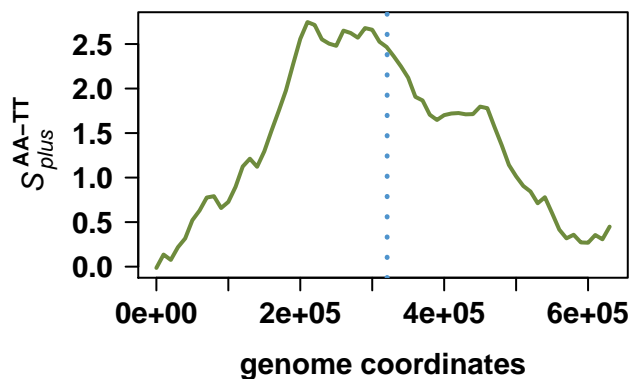
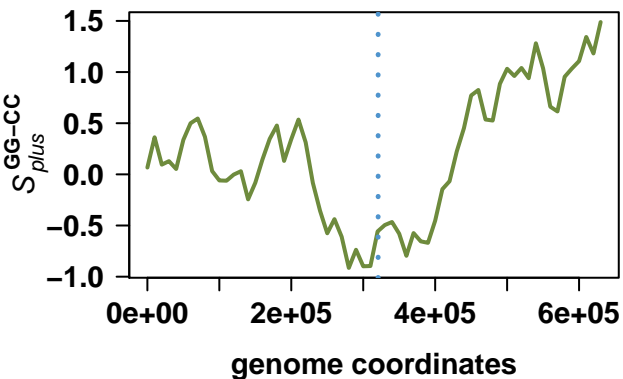
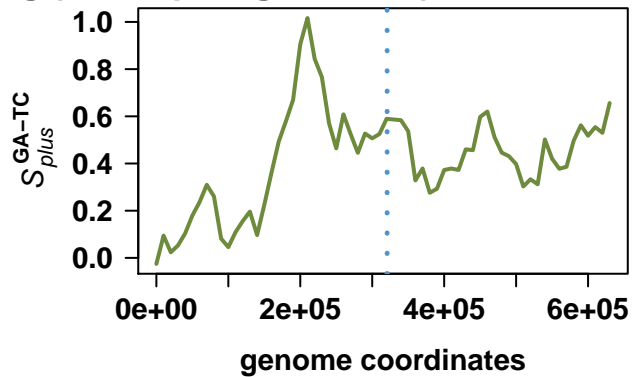
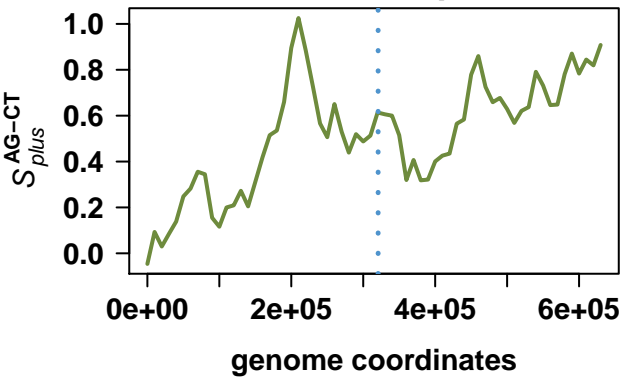
# Colwellia psychrerythraea 34H



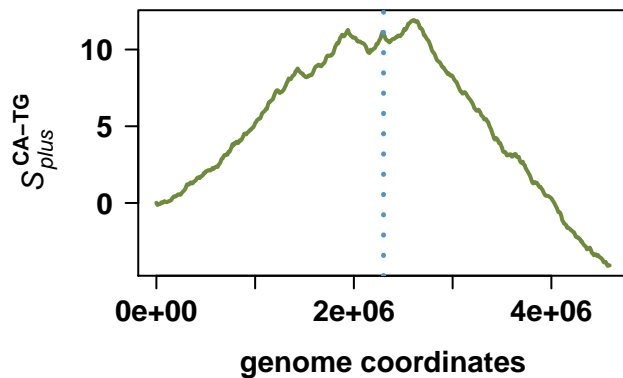
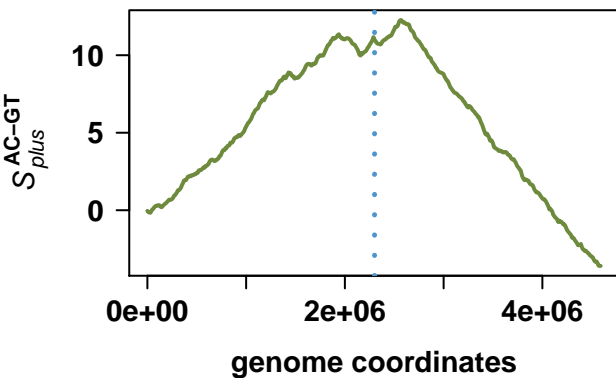
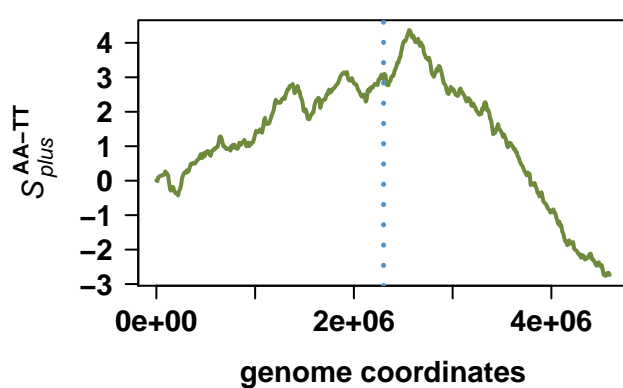
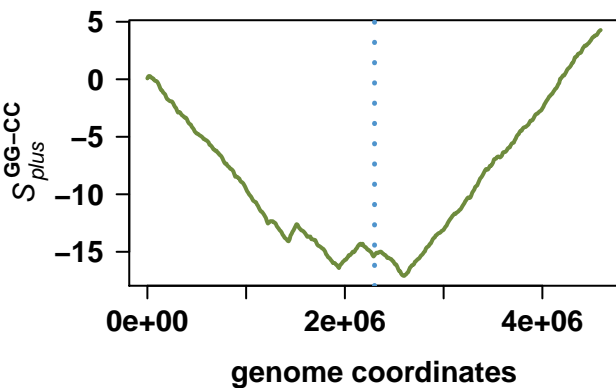
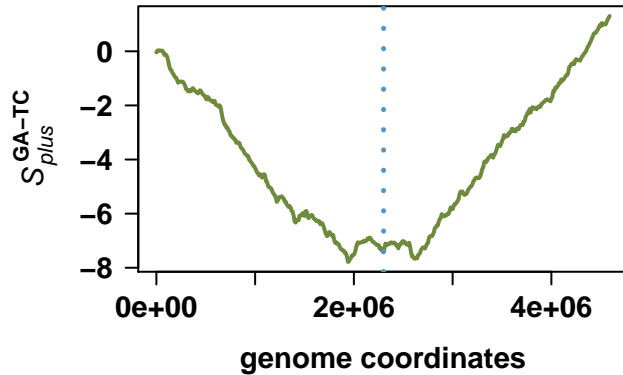
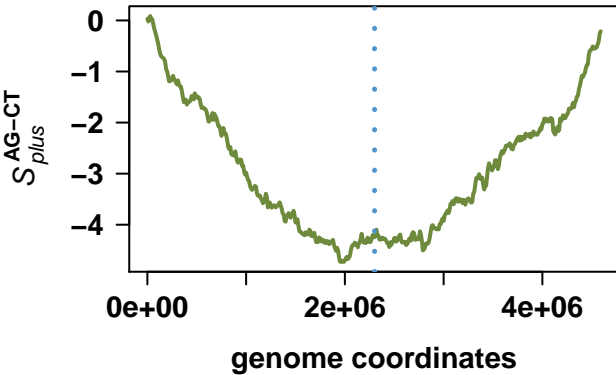
# Xanthomonas axonopodis pv. citri str. 306



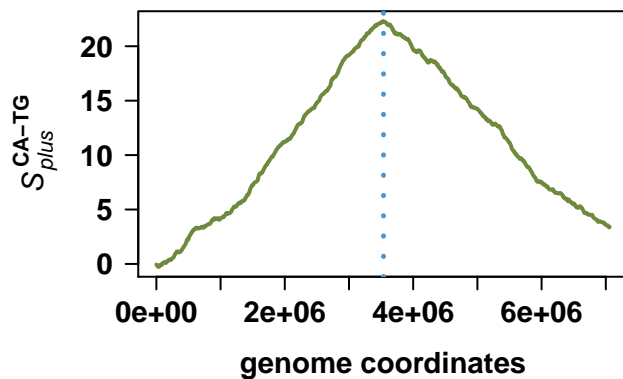
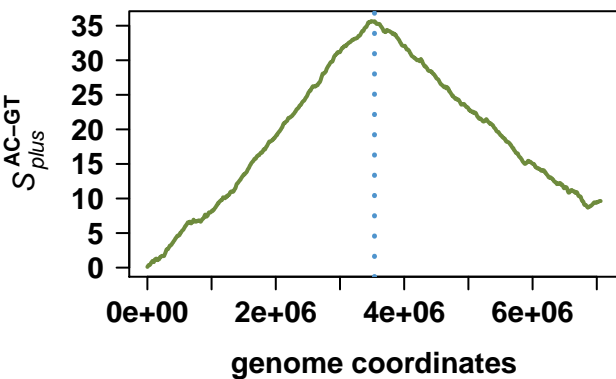
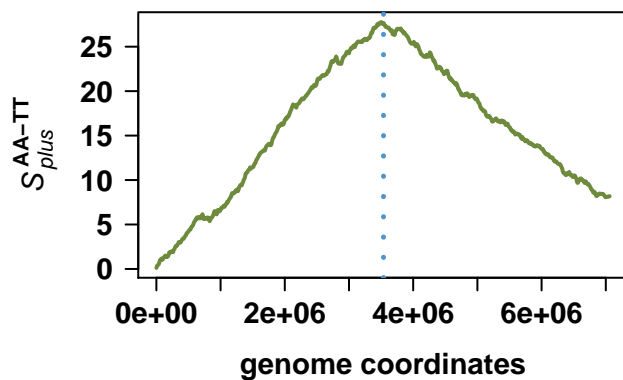
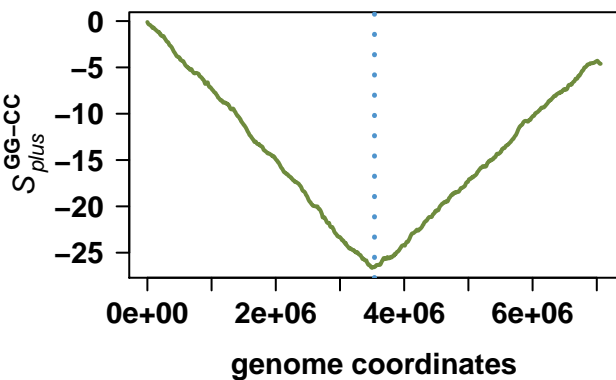
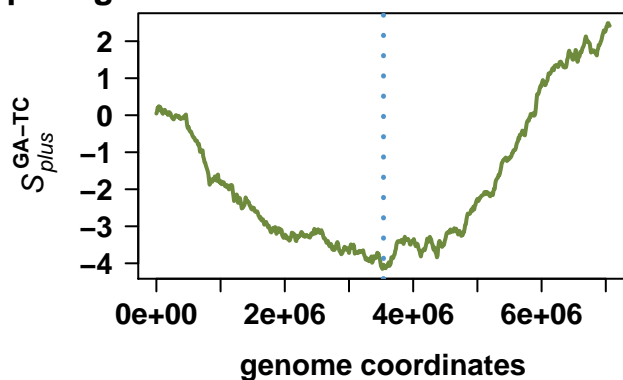
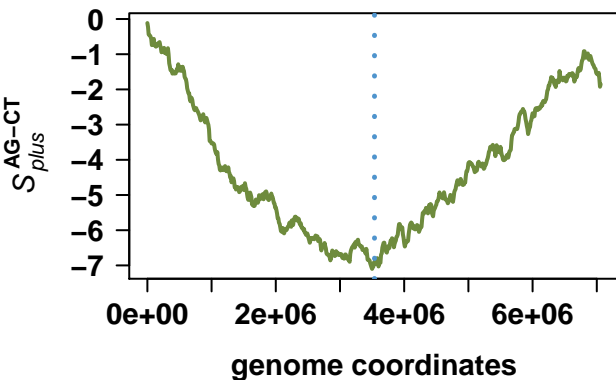
# Buchnera aphidicola str. Sg (Schizaphis graminum)



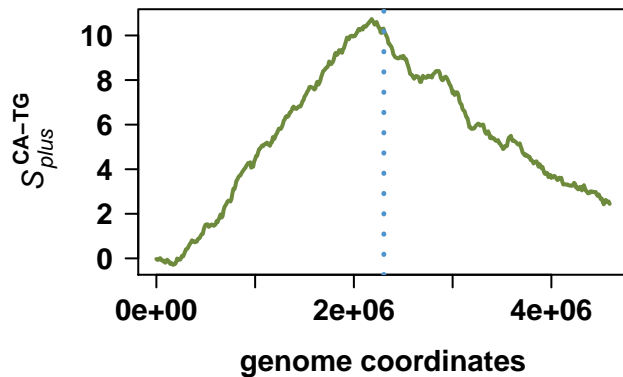
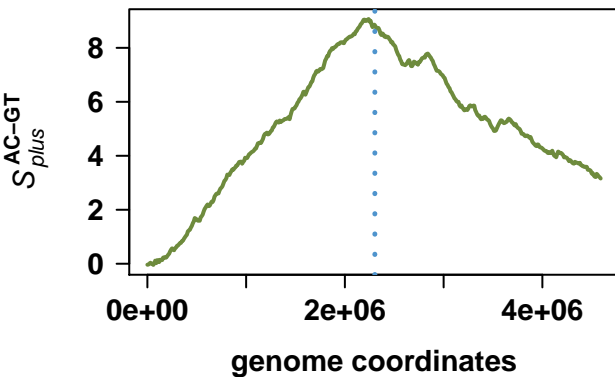
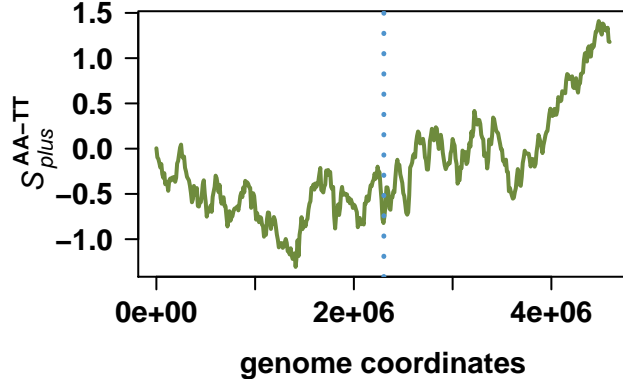
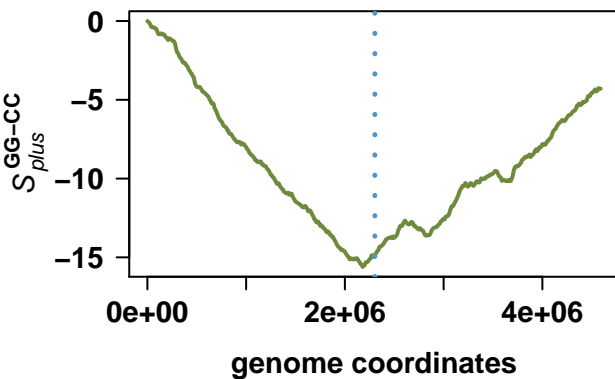
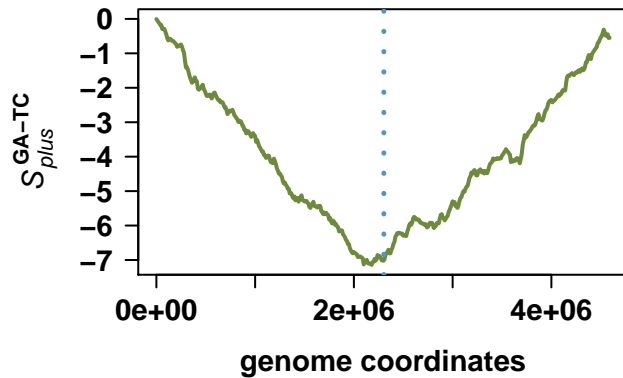
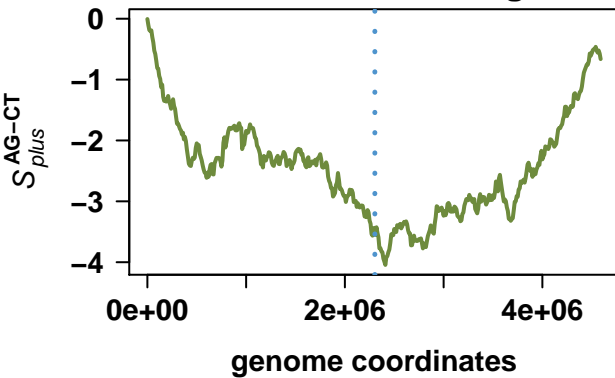
# Yersinia pestis KIM10+



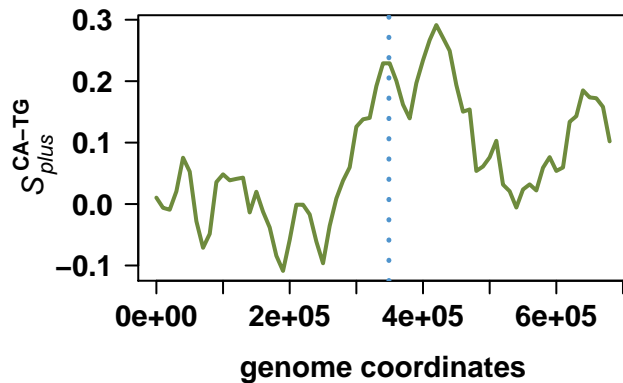
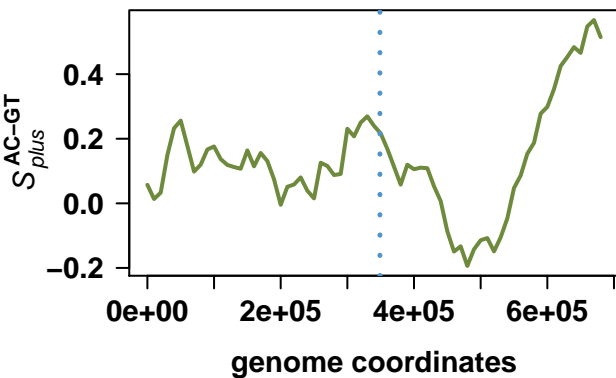
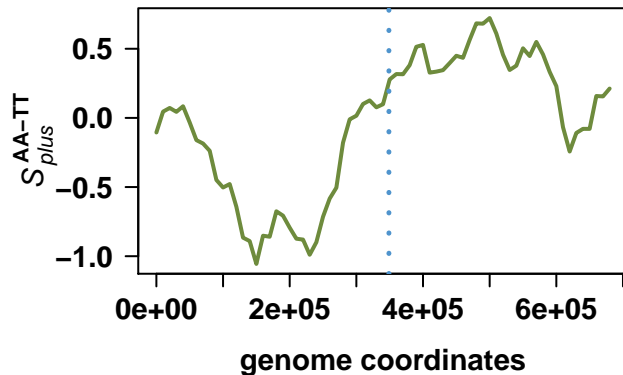
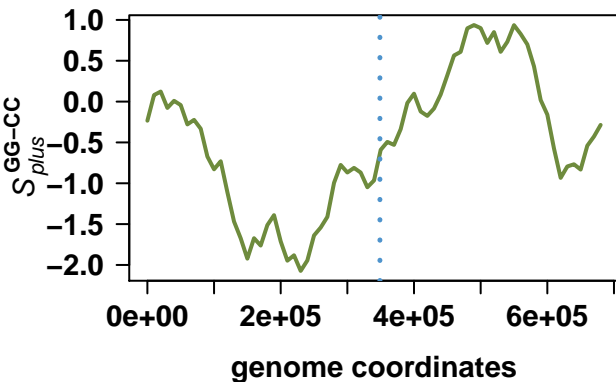
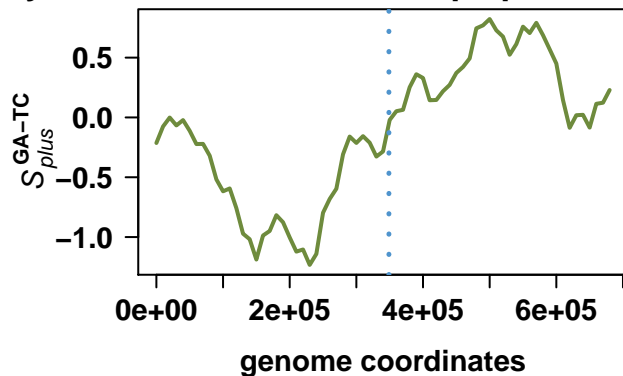
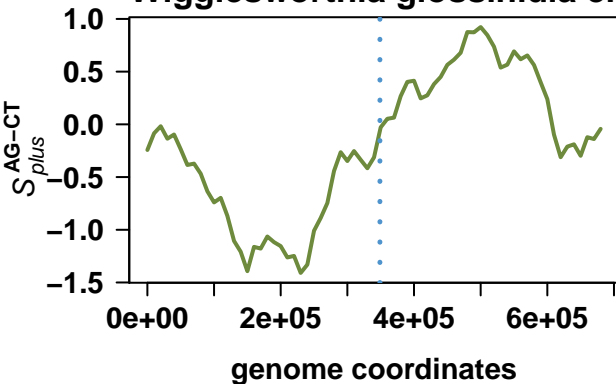
# *Pseudomonas protegens* Pf-5



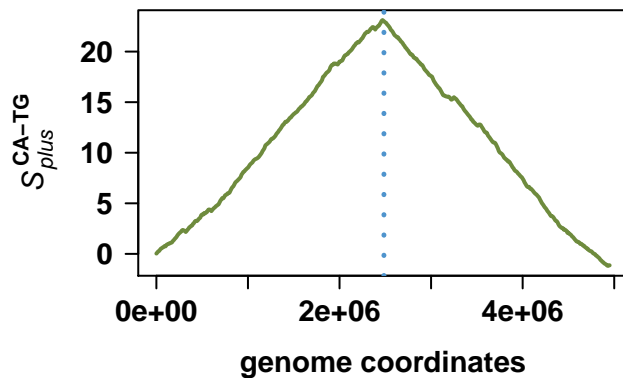
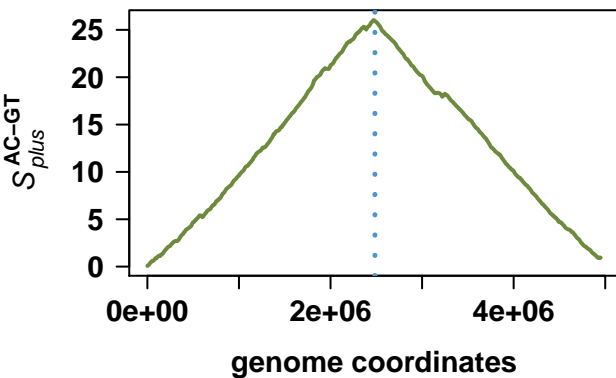
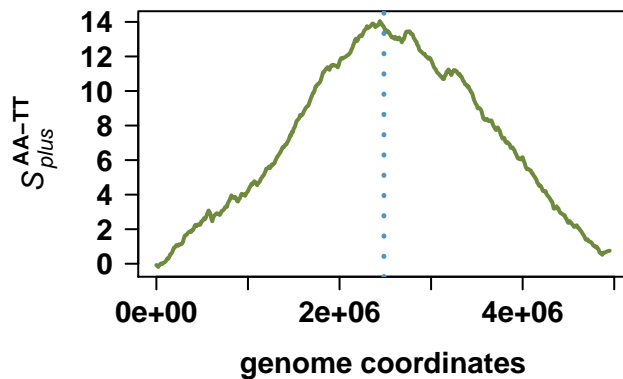
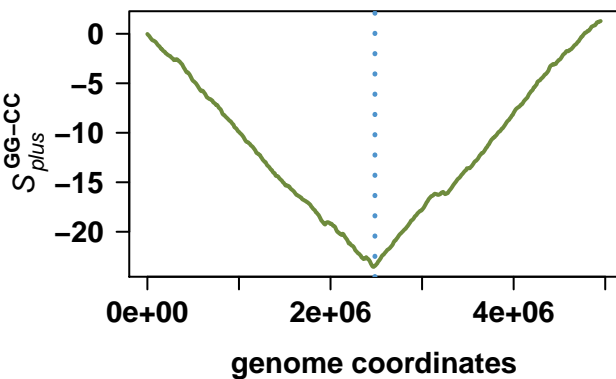
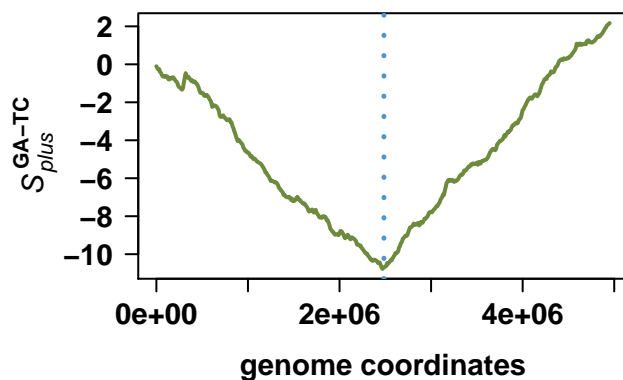
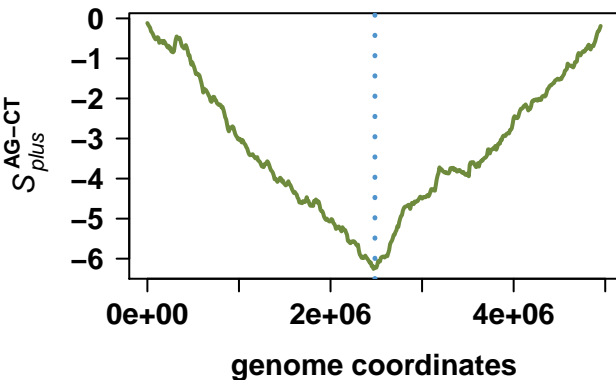
# Shigella flexneri 2a str. 301



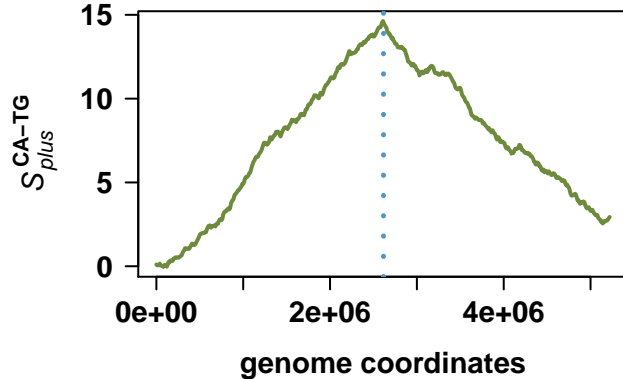
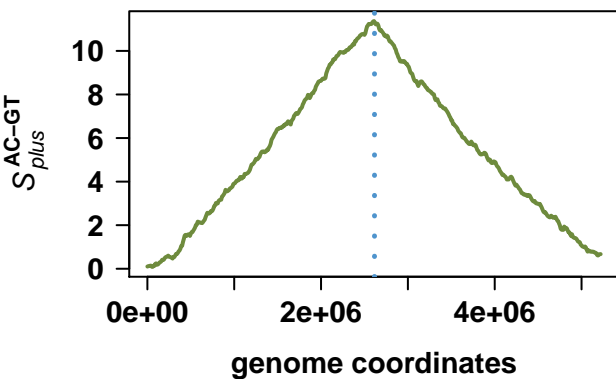
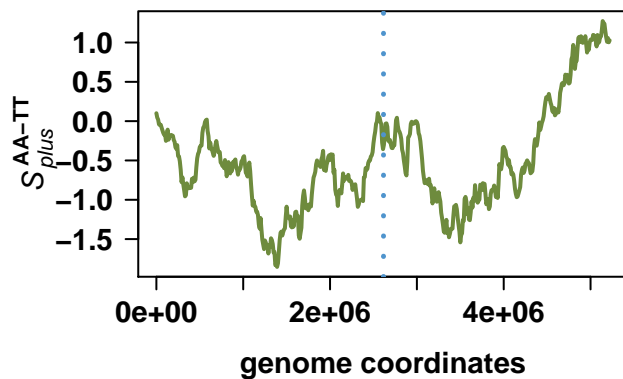
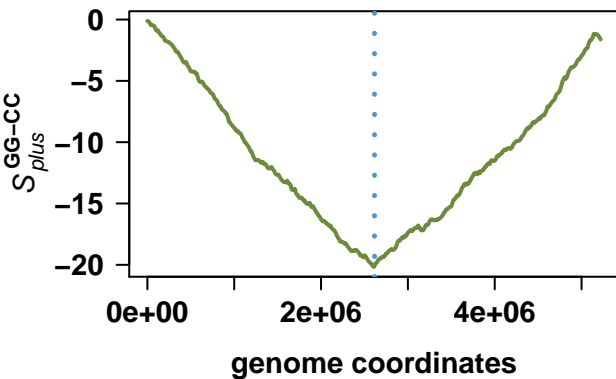
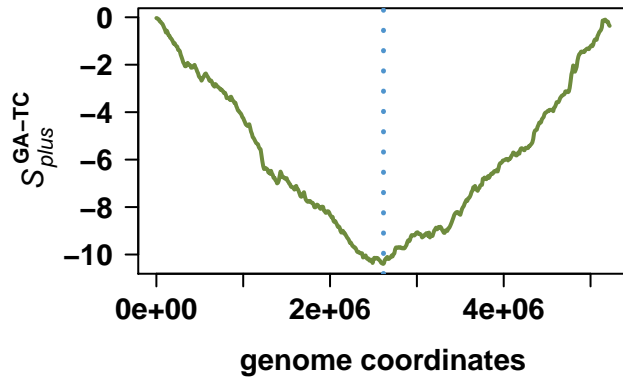
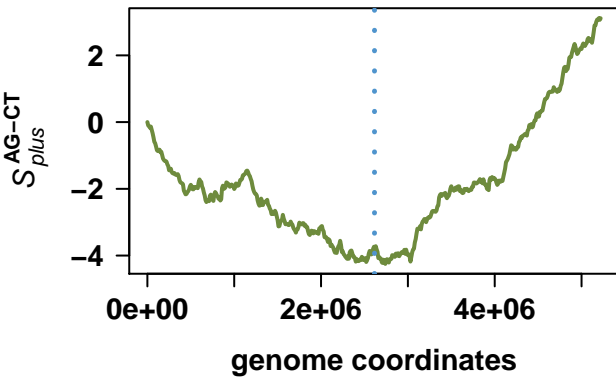
# Wigglesworthia glossinidia endosymbiont of Glossina brevipalpis



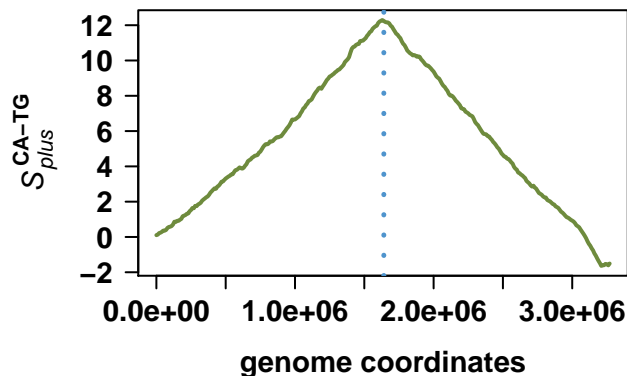
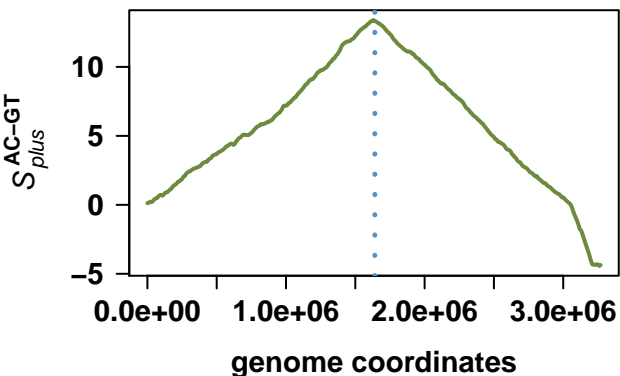
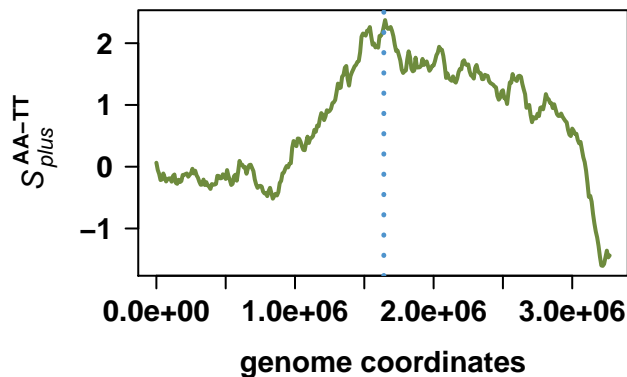
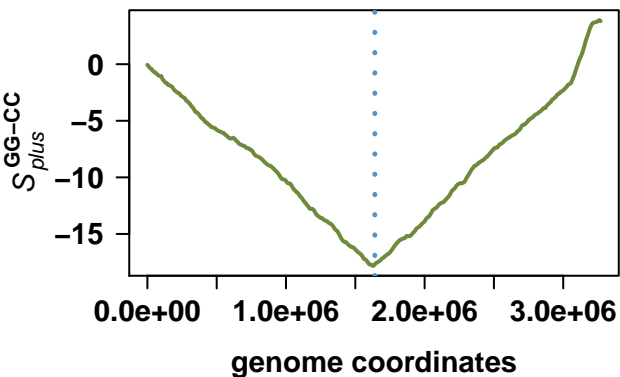
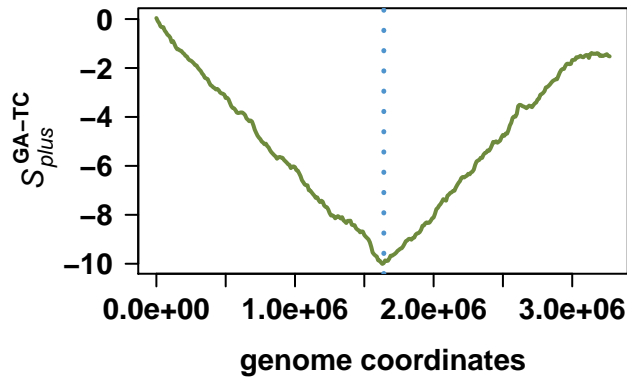
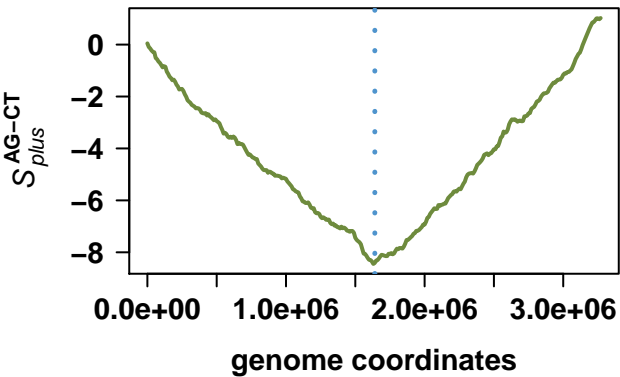
# Shewanella oneidensis MR-1



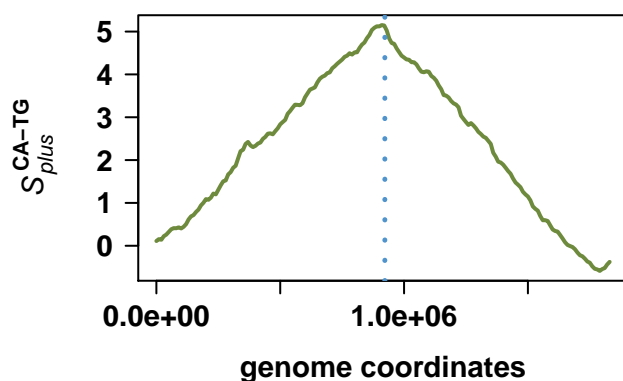
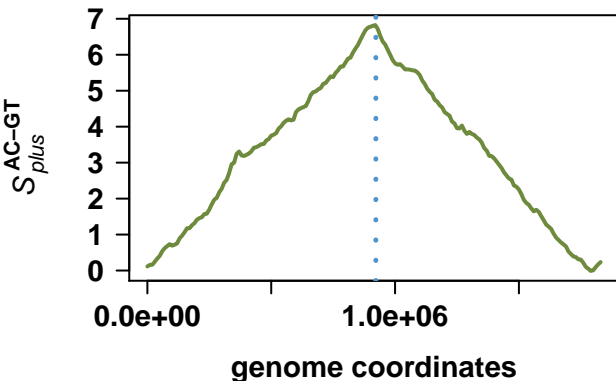
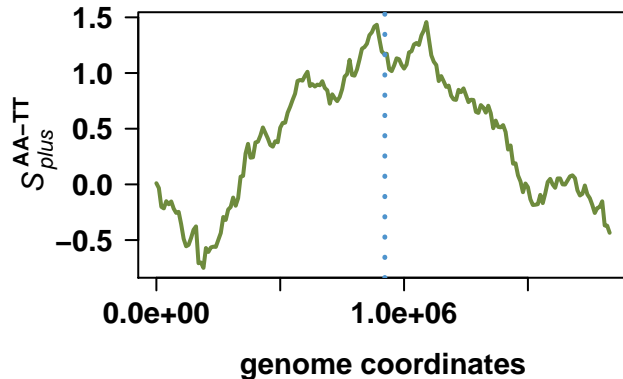
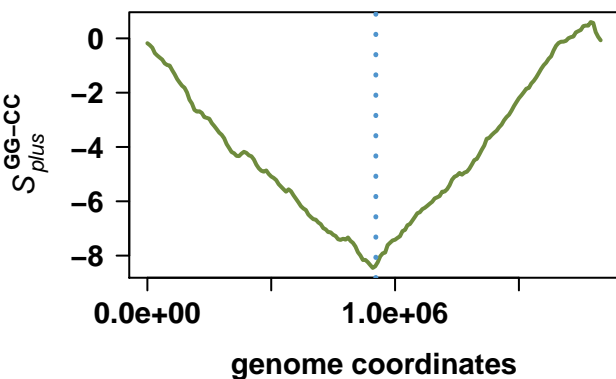
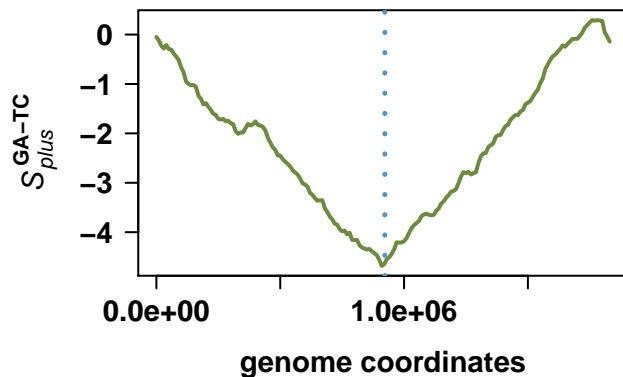
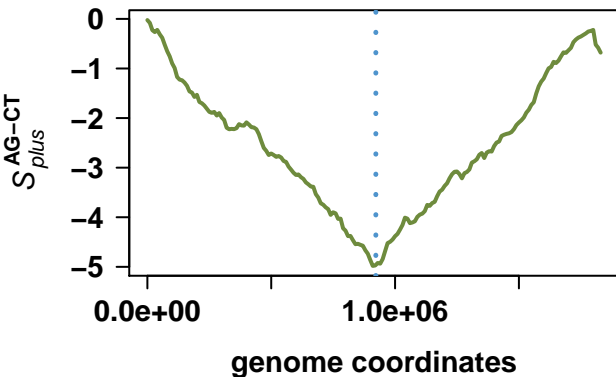
# Escherichia coli CFT073



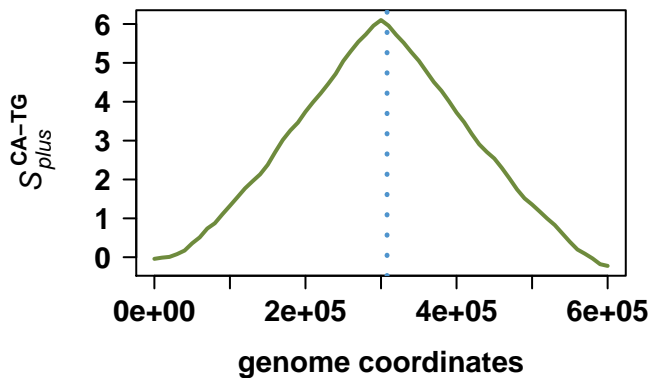
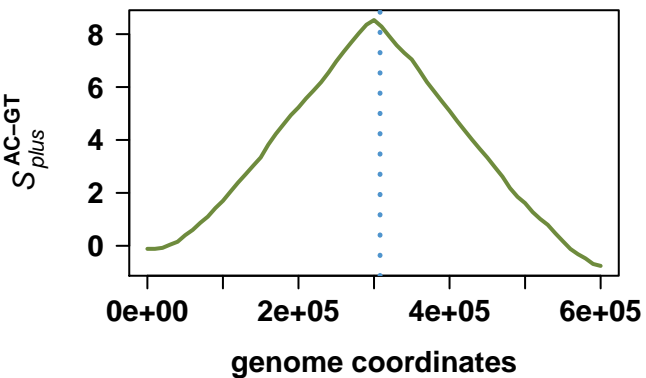
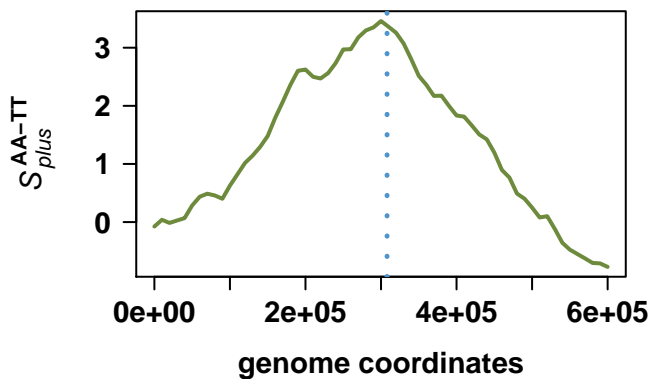
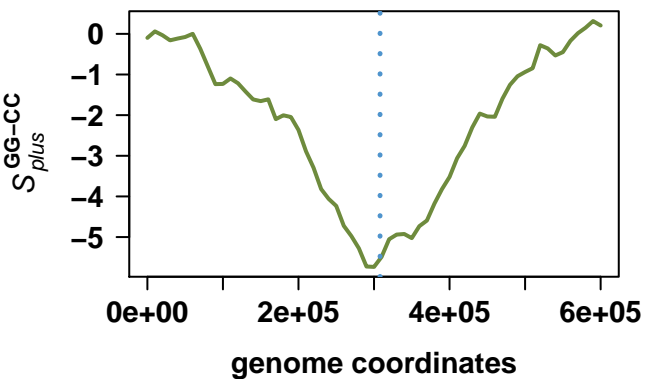
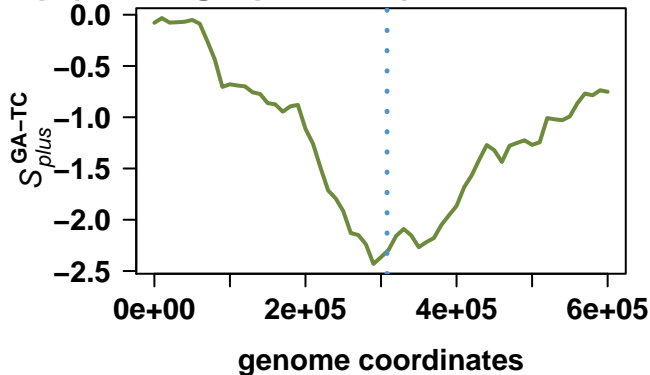
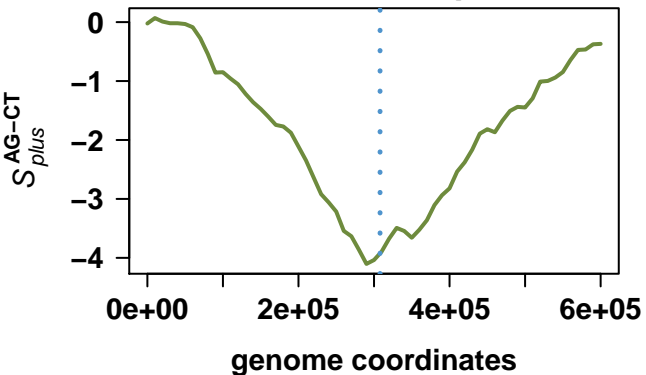
# Vibrio vulnificus CMCP6



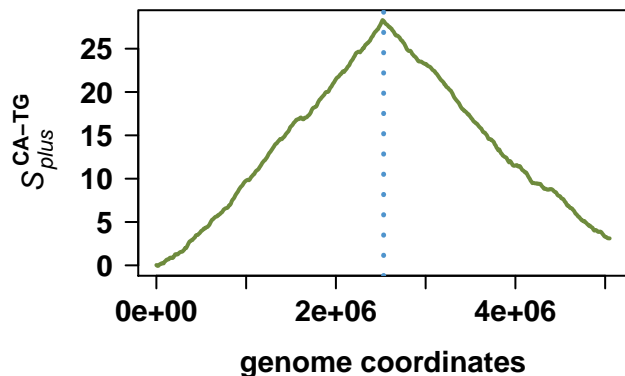
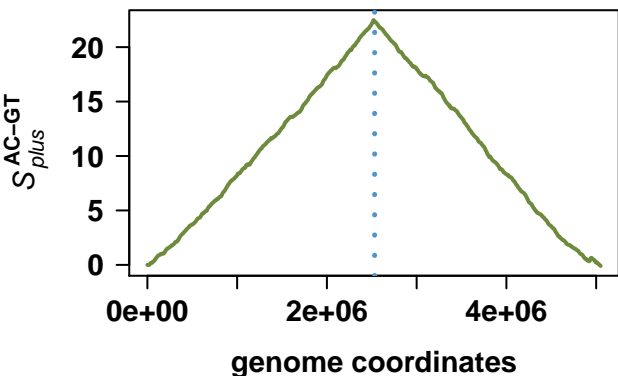
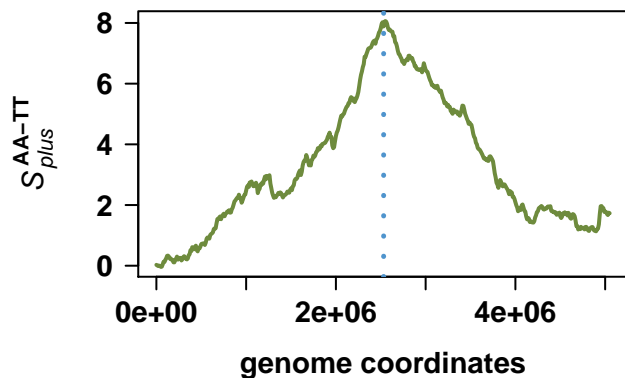
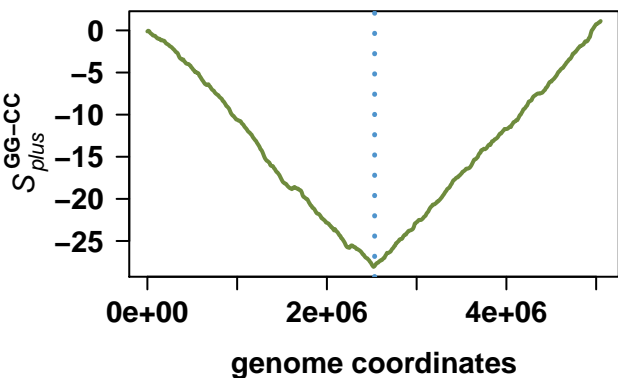
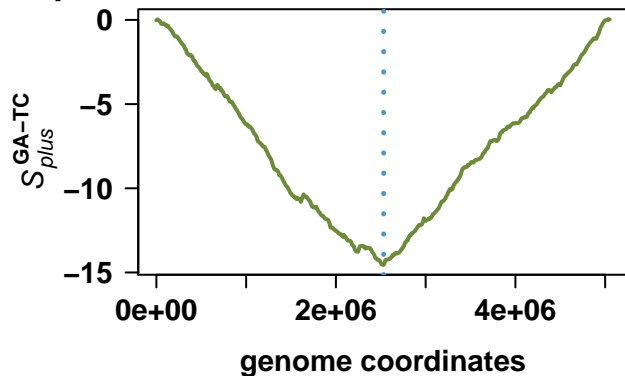
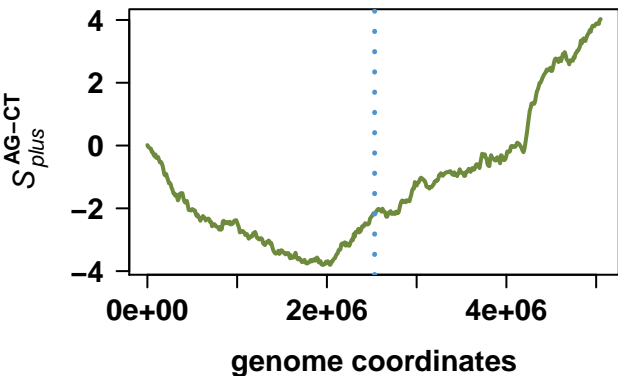
# Vibrio vulnificus CMCP6



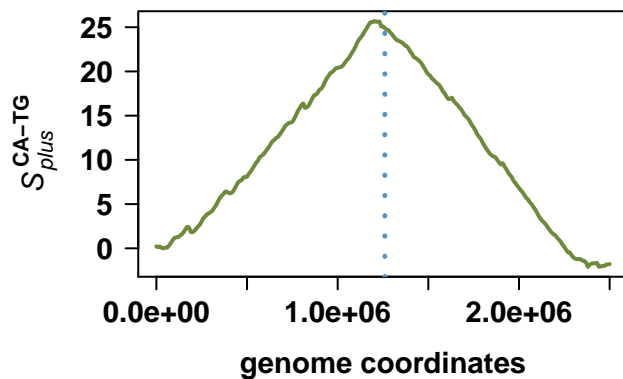
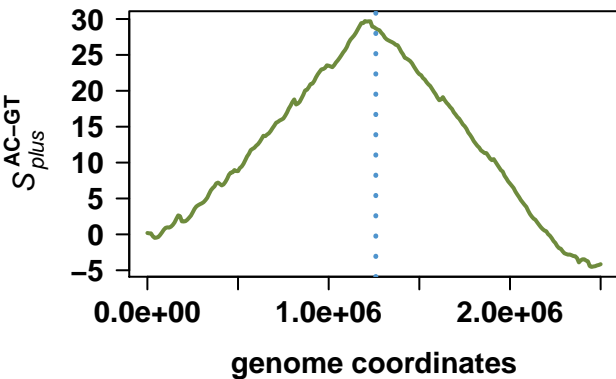
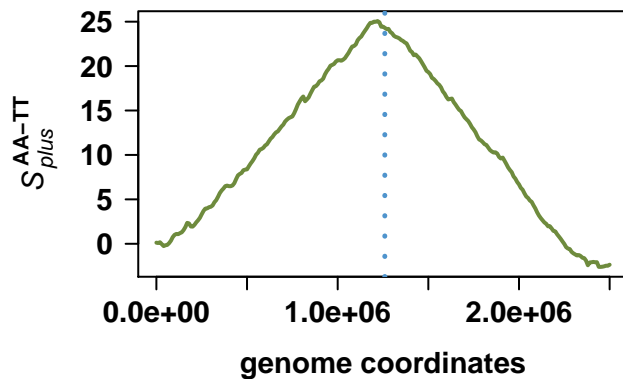
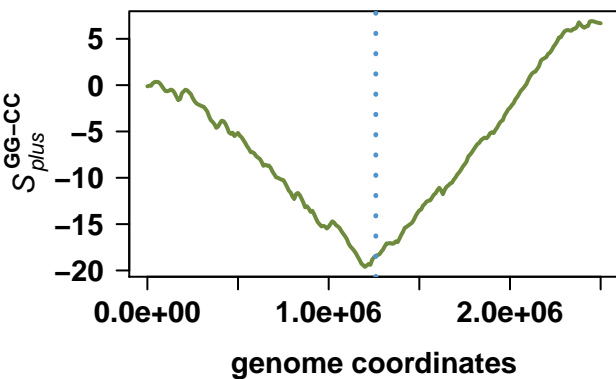
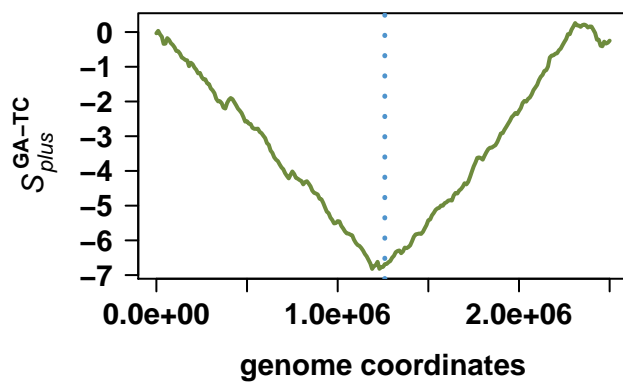
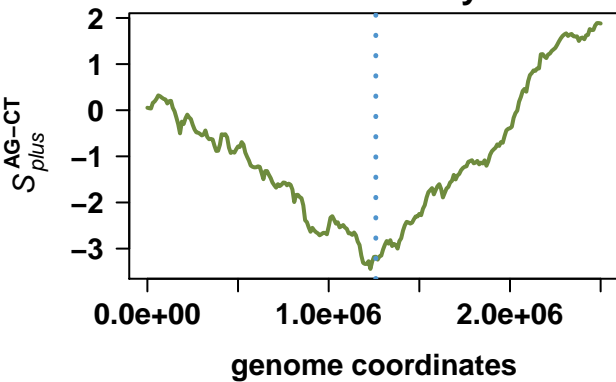
# Buchnera aphidicola str. Bp (Baizhongia pistaciae)



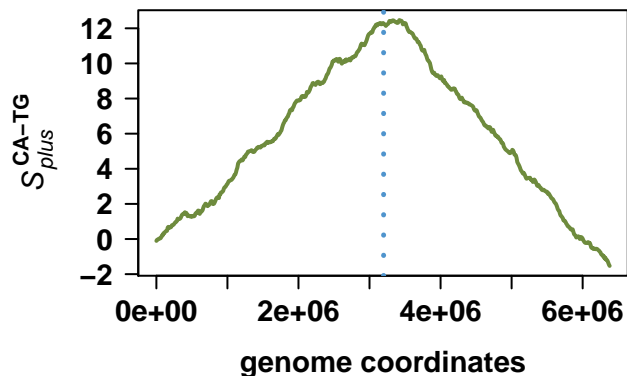
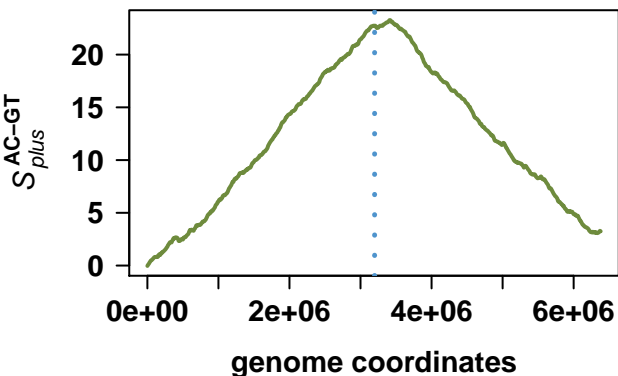
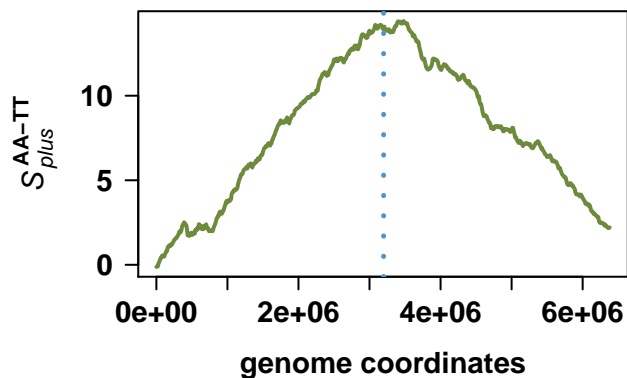
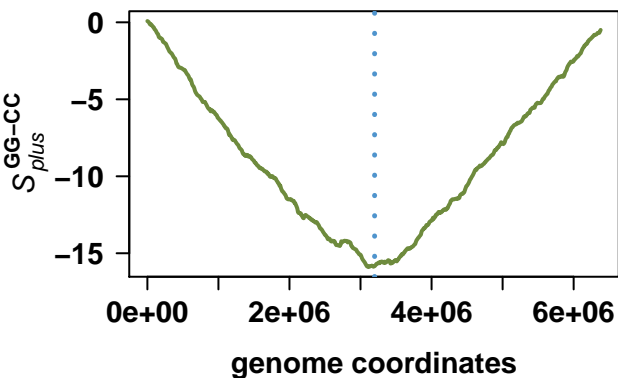
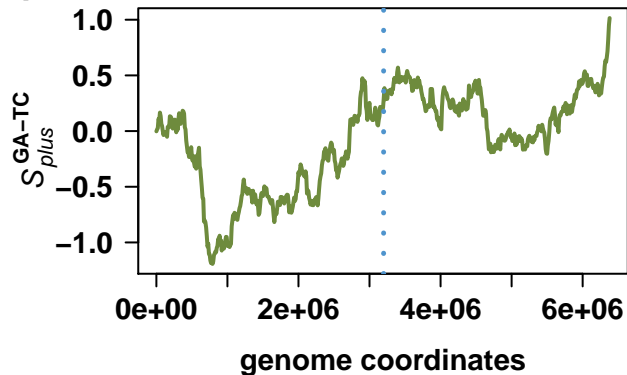
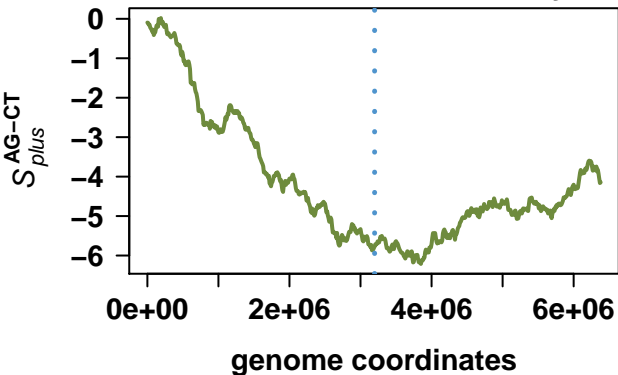
# Pectobacterium atrosepticum SCRI1043



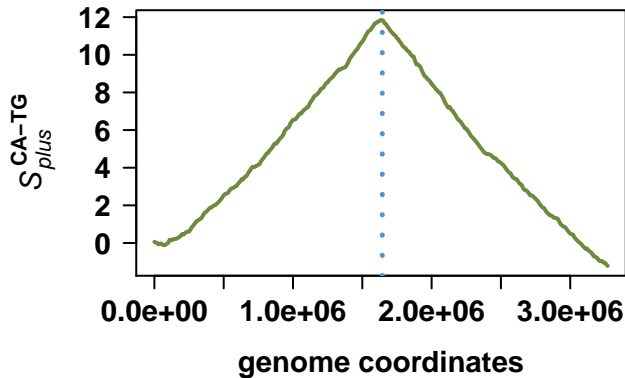
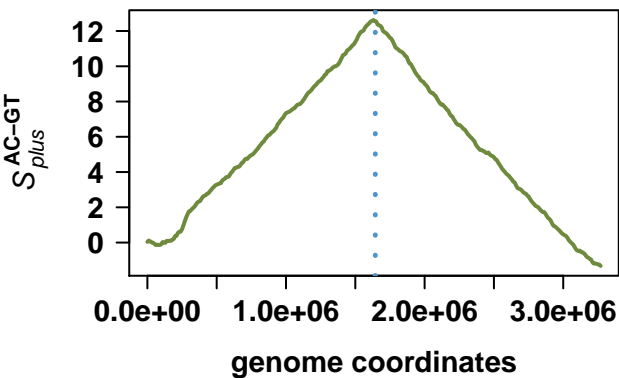
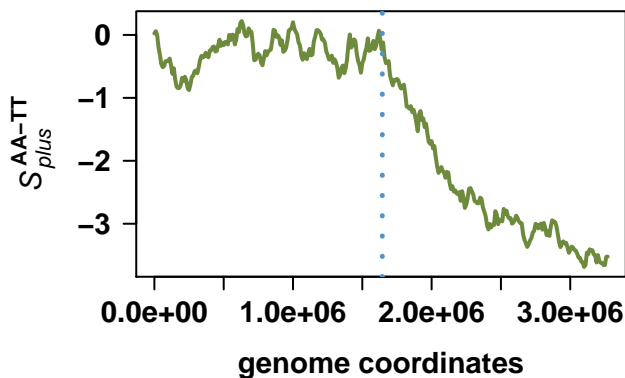
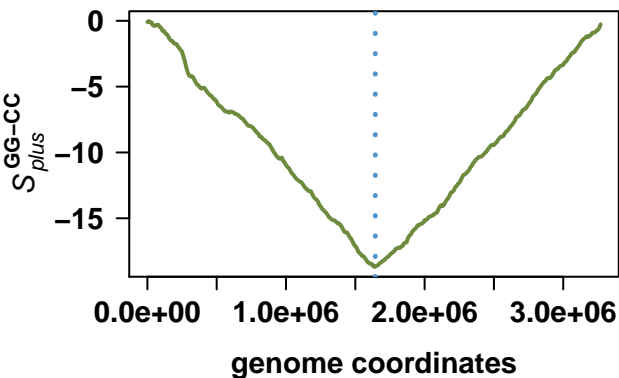
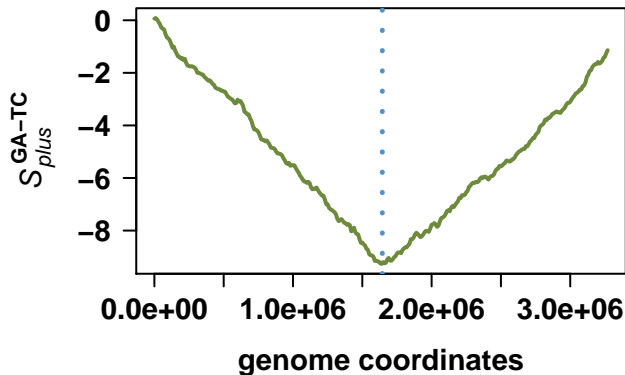
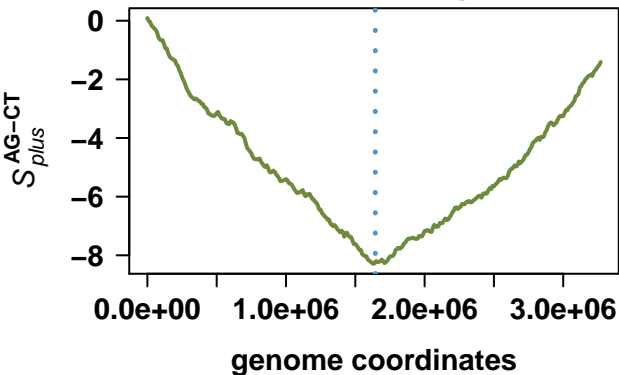
# *Xylella fastidiosa* Temecula1



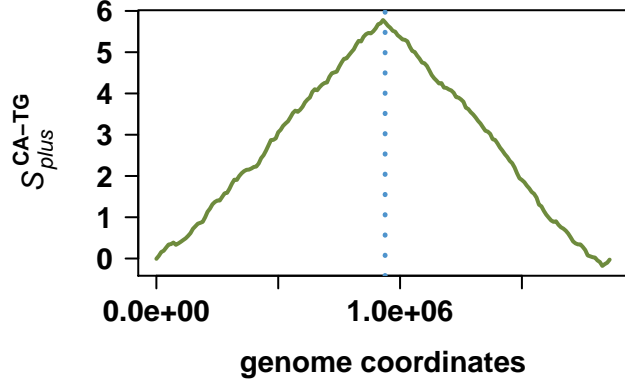
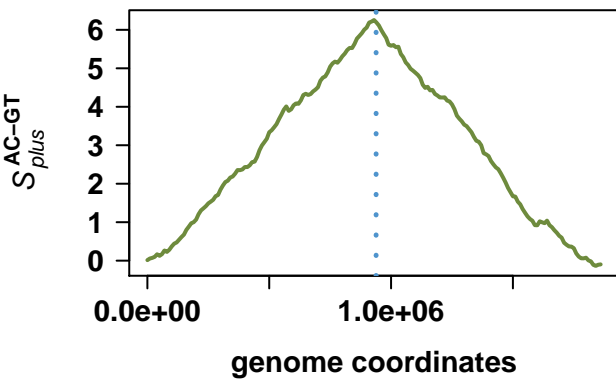
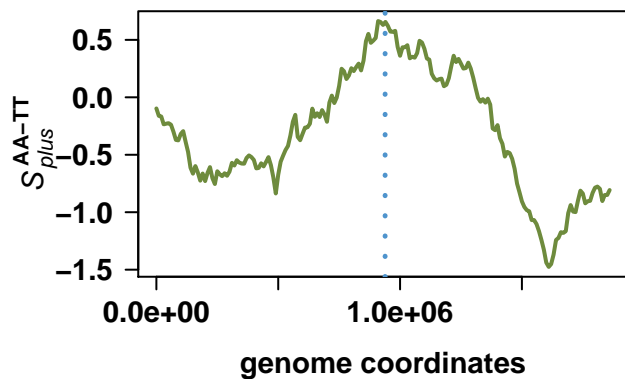
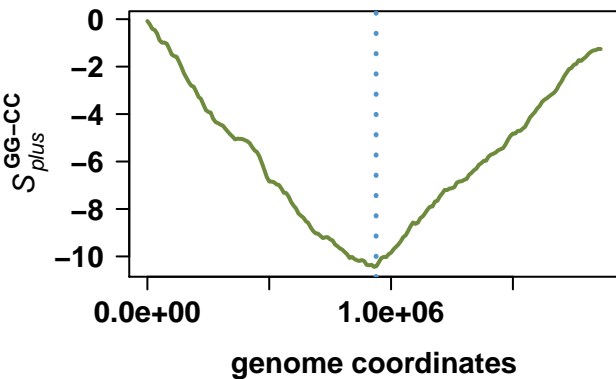
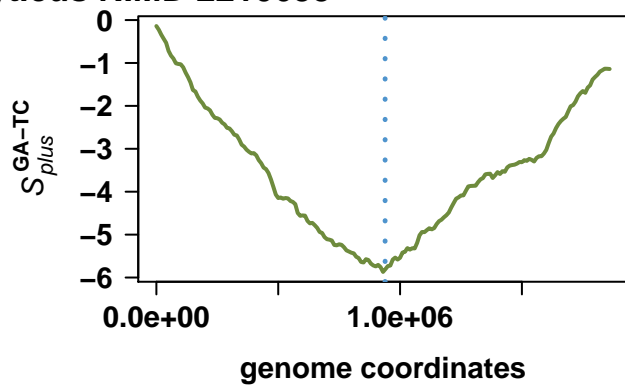
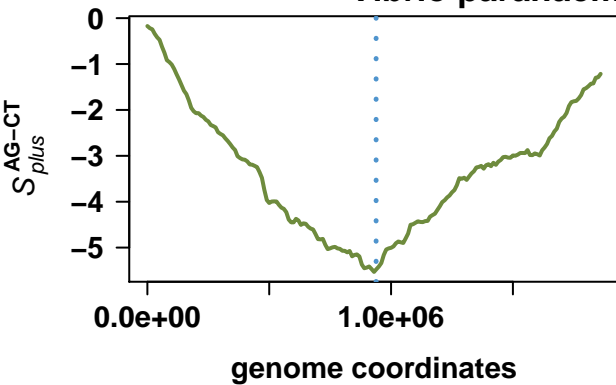
# *Pseudomonas syringae* pv. *tomato* str. DC3000



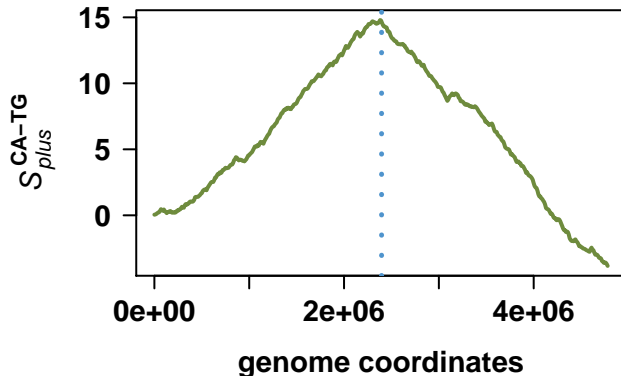
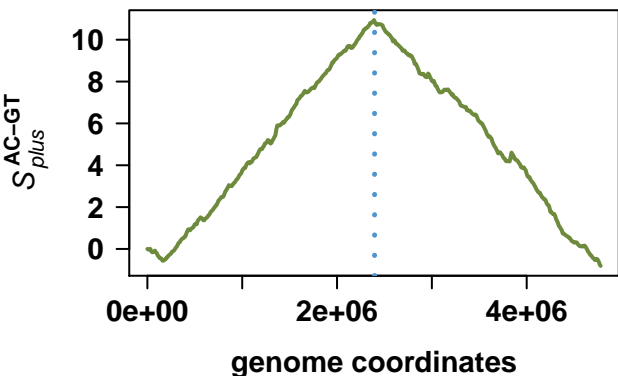
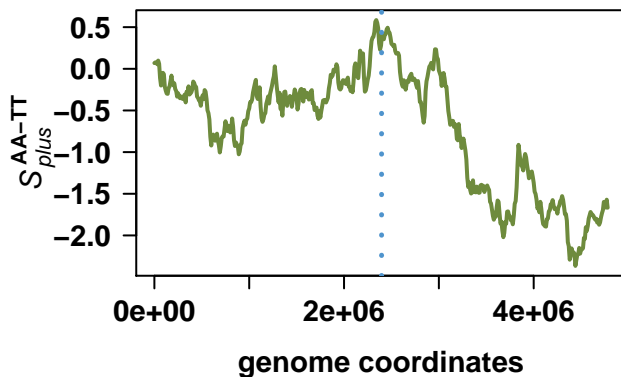
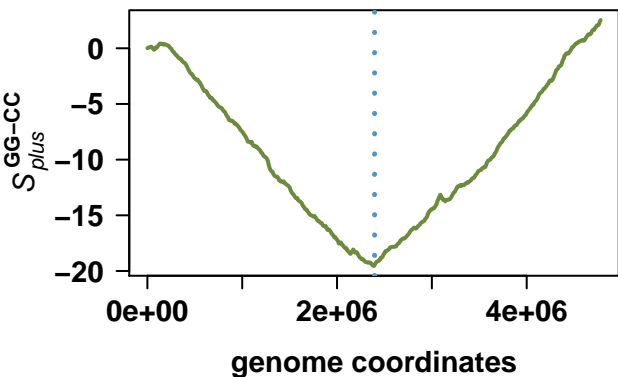
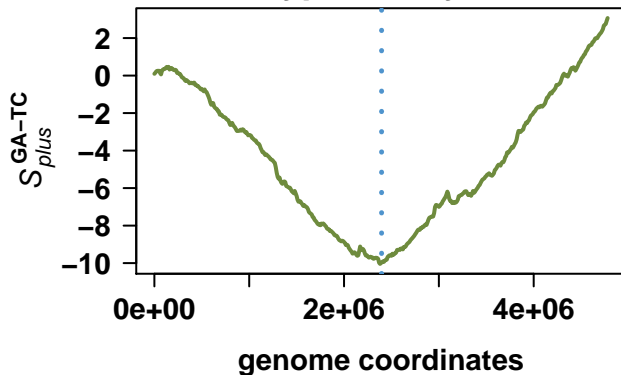
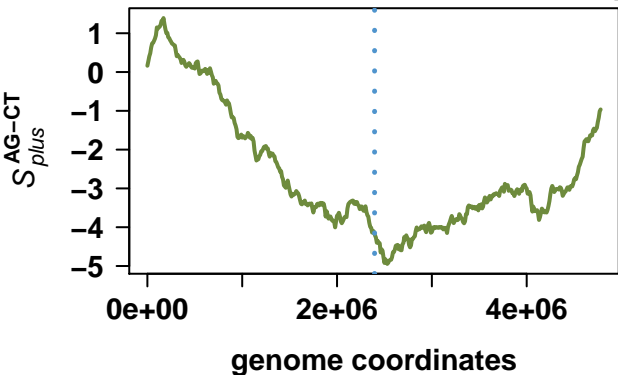
# Vibrio parahaemolyticus RIMD 2210633



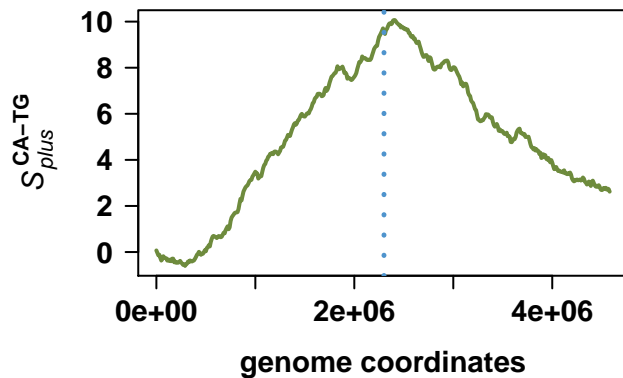
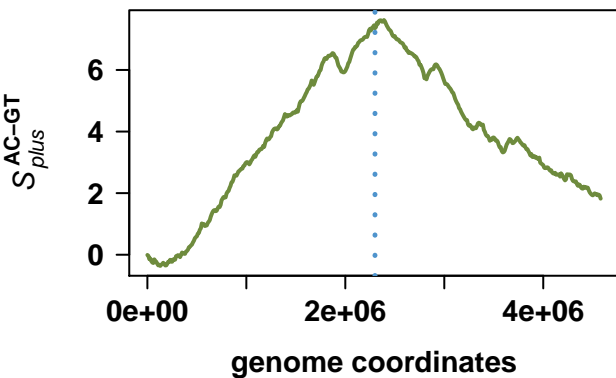
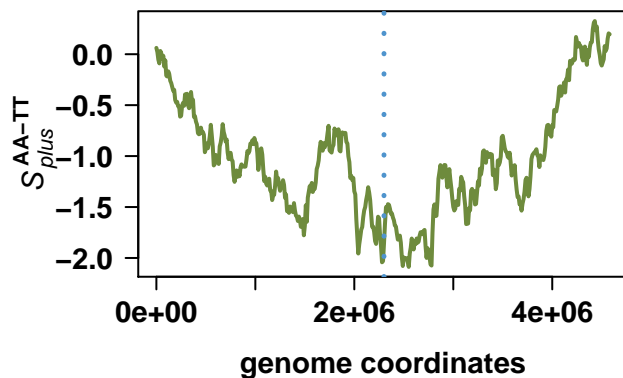
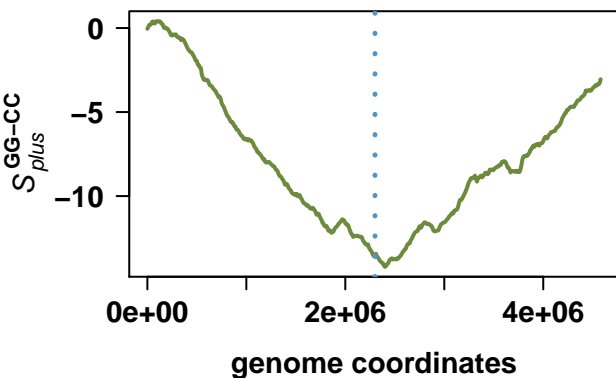
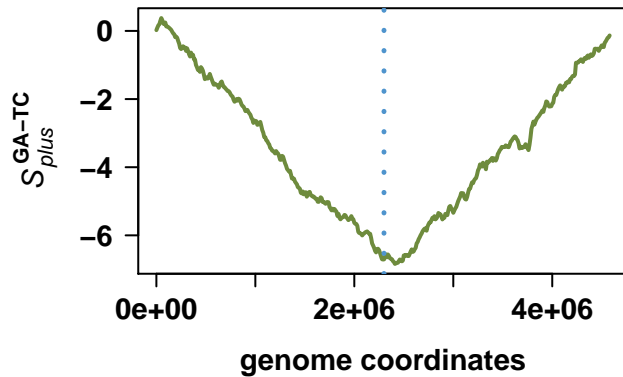
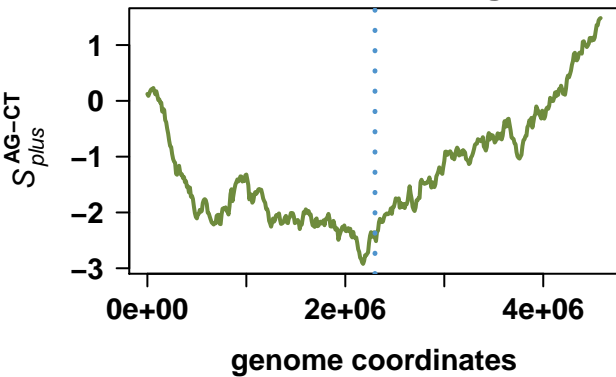
# *Vibrio parahaemolyticus* RIMD 2210633



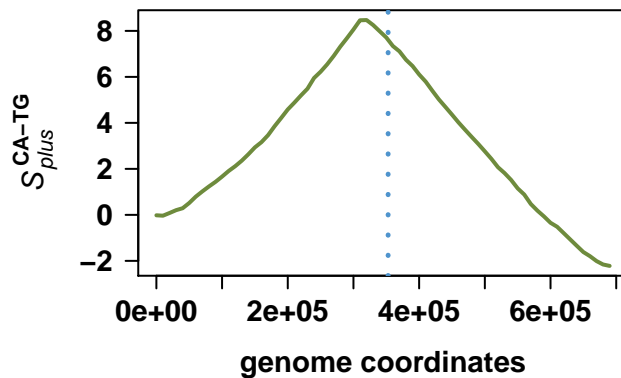
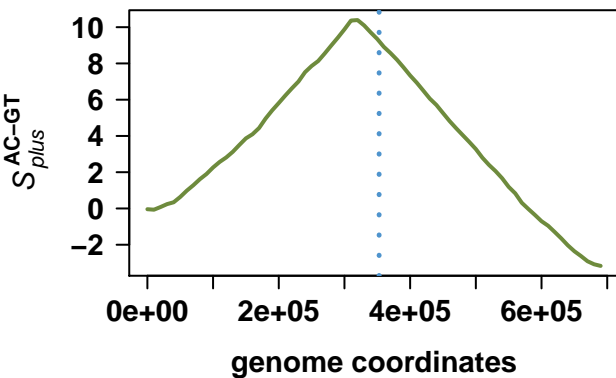
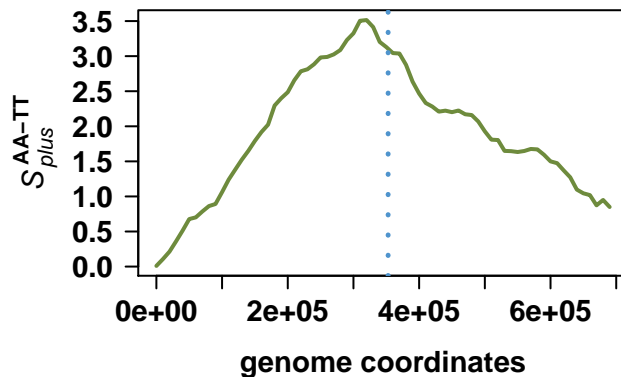
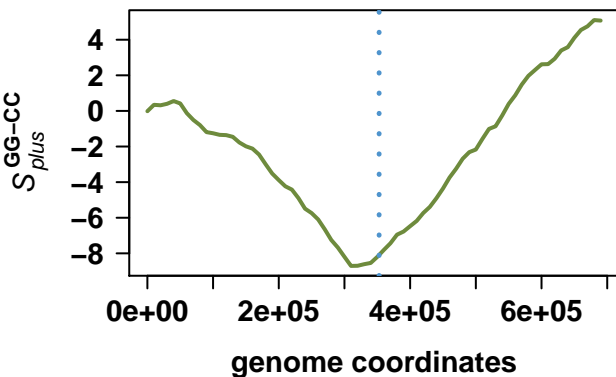
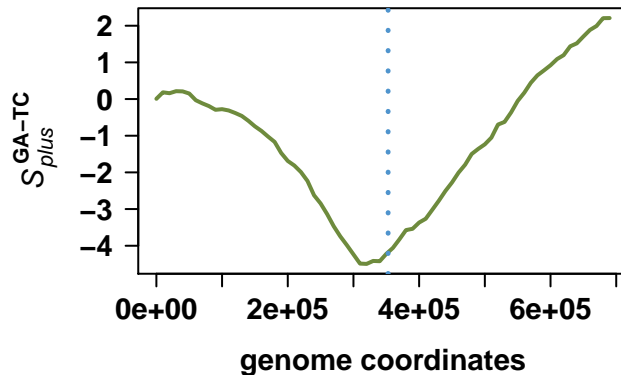
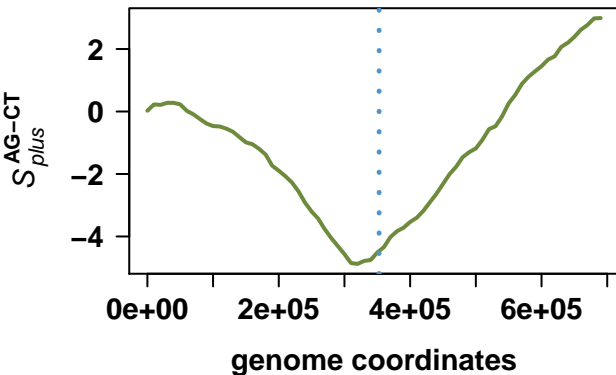
# Salmonella enterica subsp. enterica serovar Typhi str. Ty2



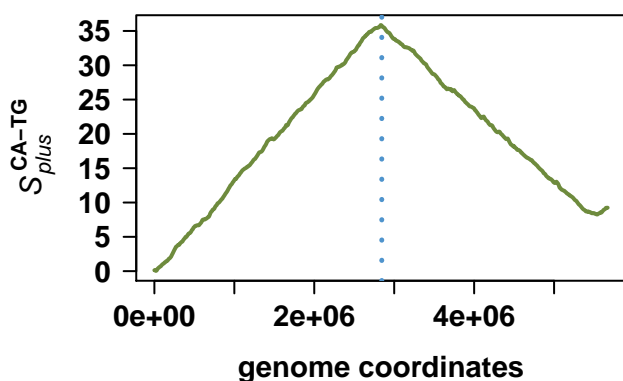
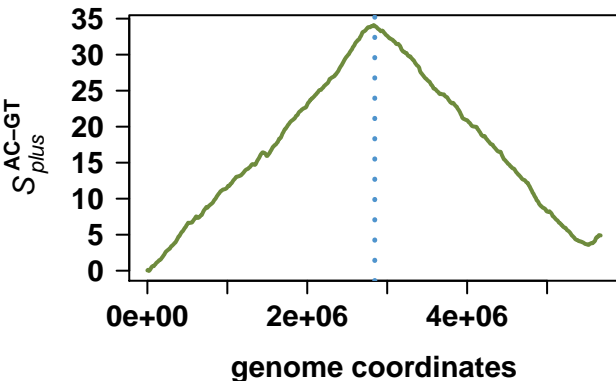
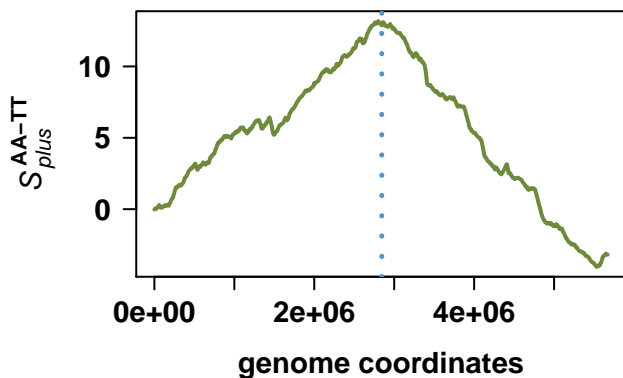
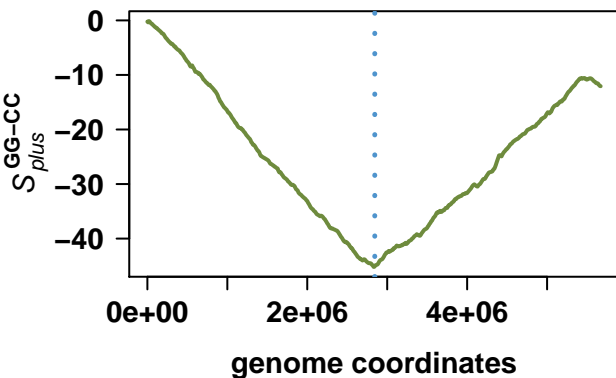
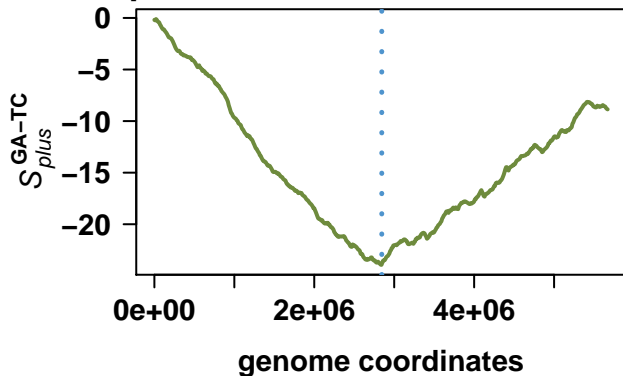
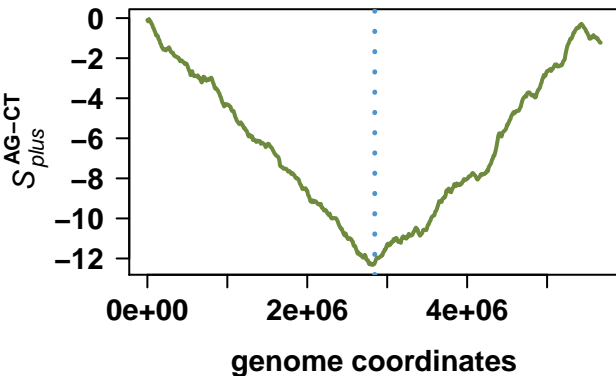
# Shigella flexneri 2a str. 2457T



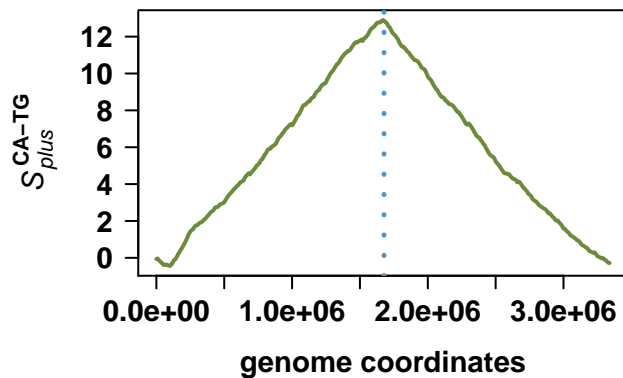
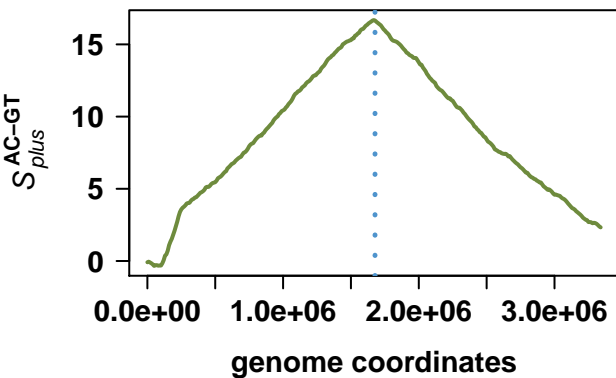
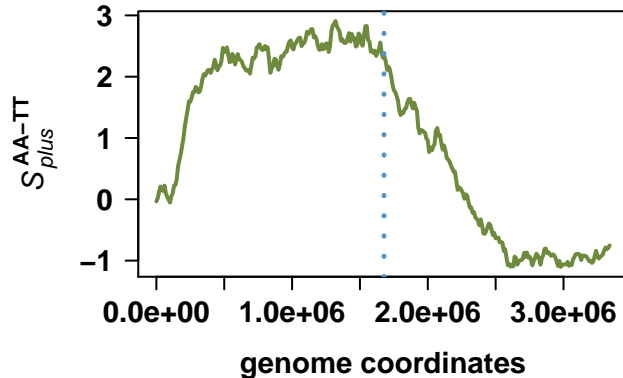
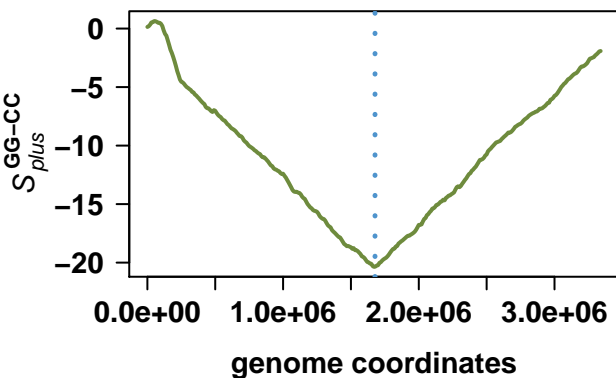
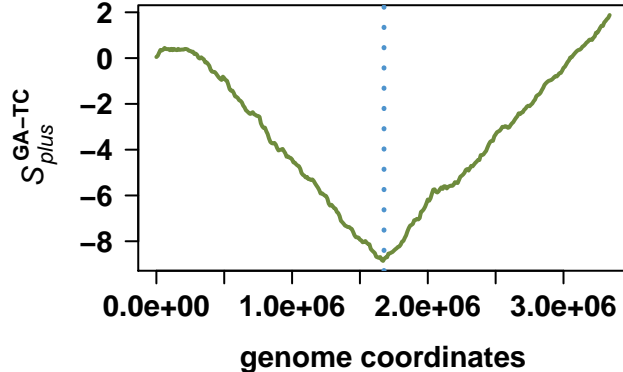
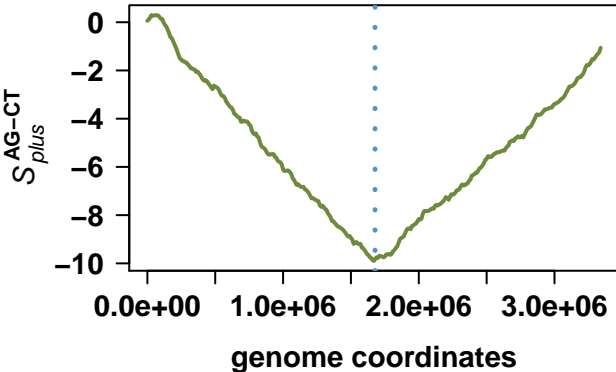
# Candidatus Blochmannia floridanus



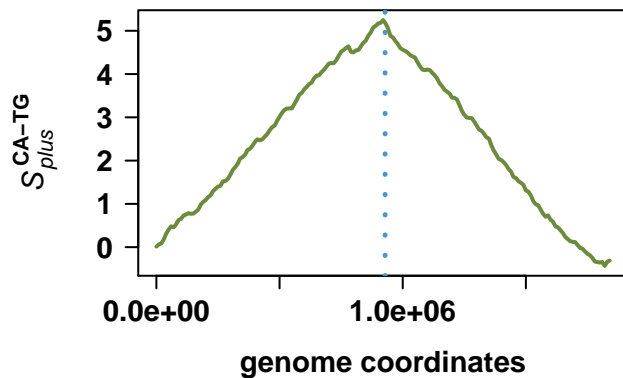
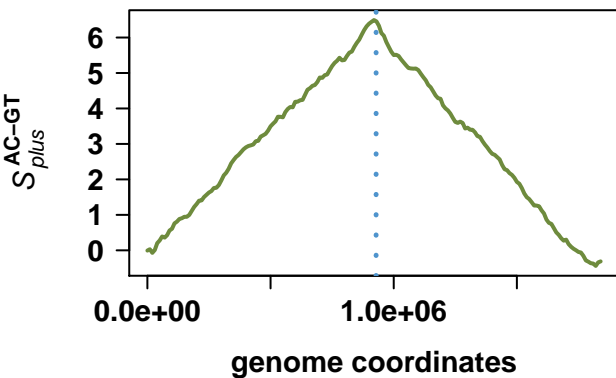
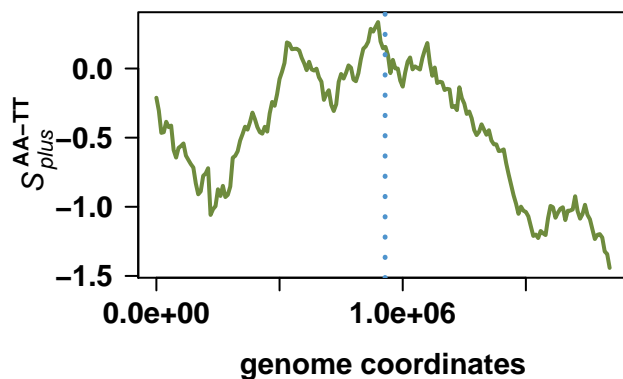
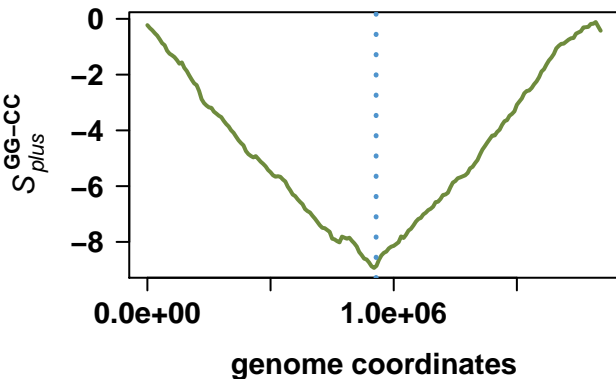
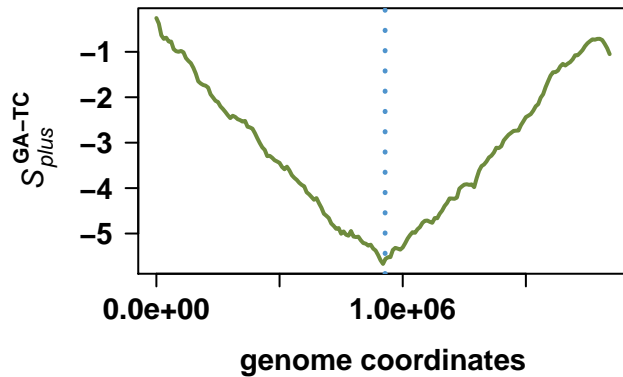
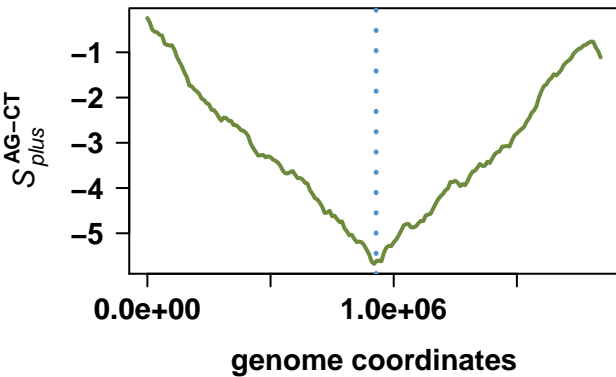
# Photorhabdus luminescens subsp. laumondii TTO1



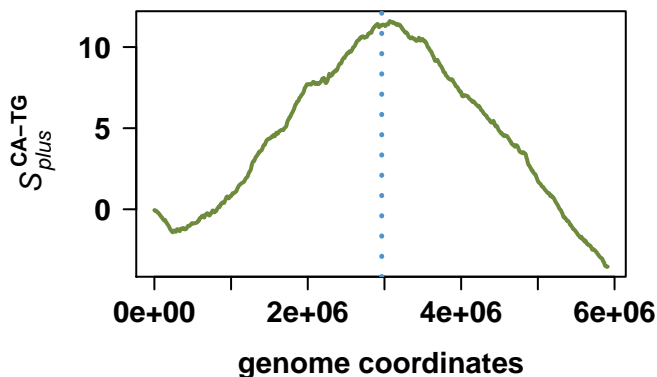
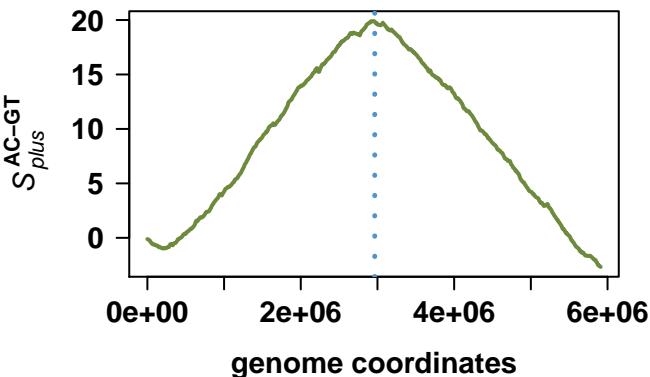
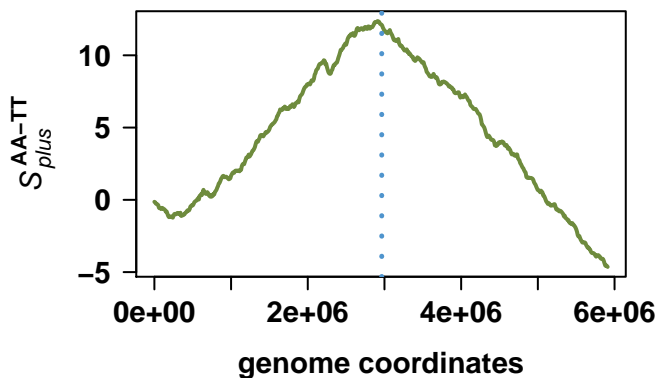
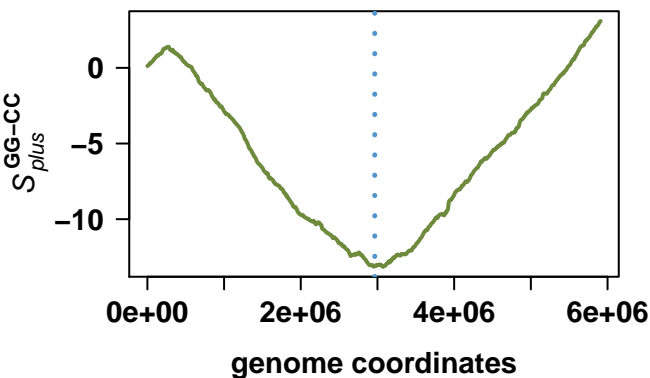
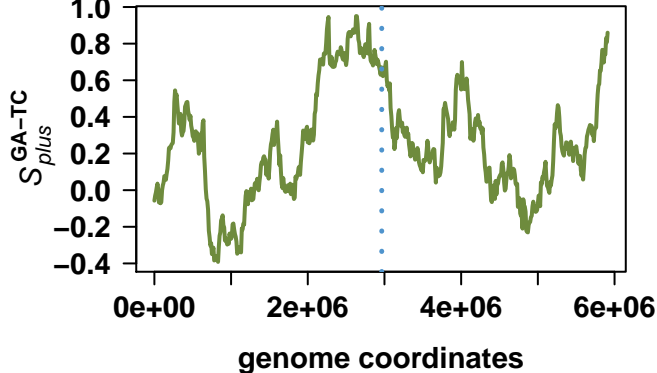
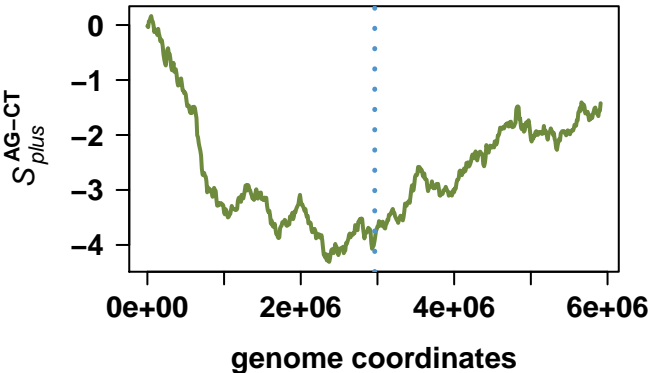
# Vibrio vulnificus YJ016



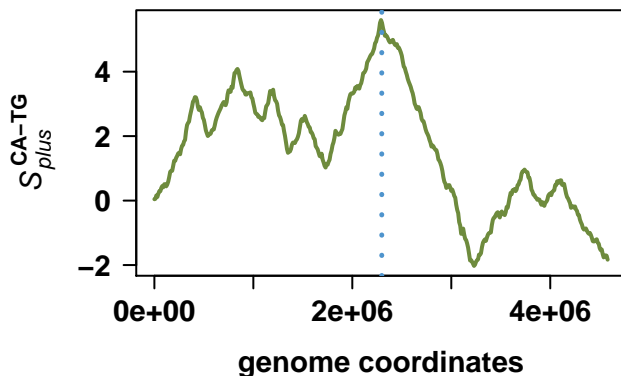
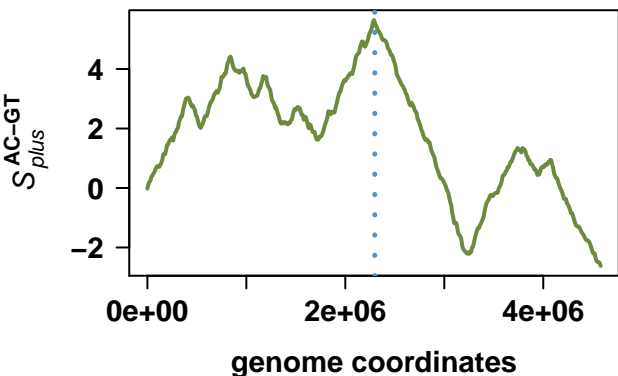
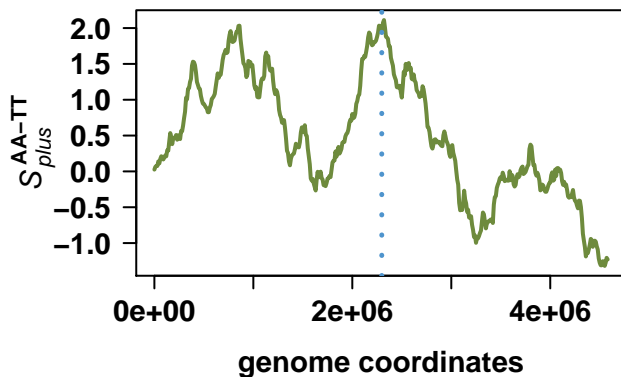
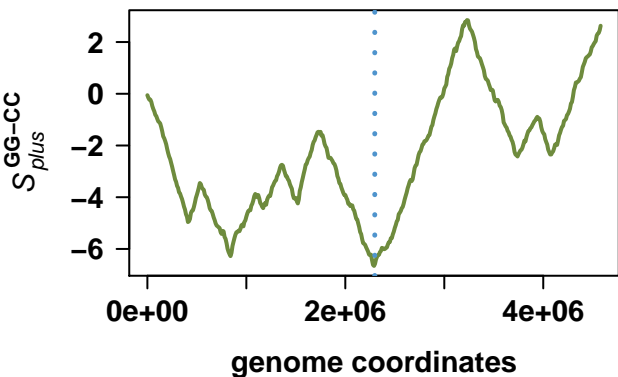
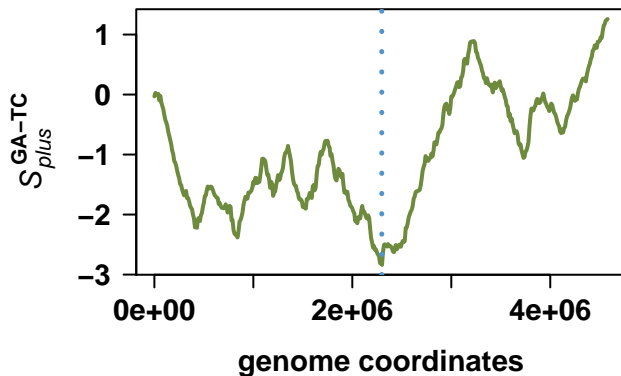
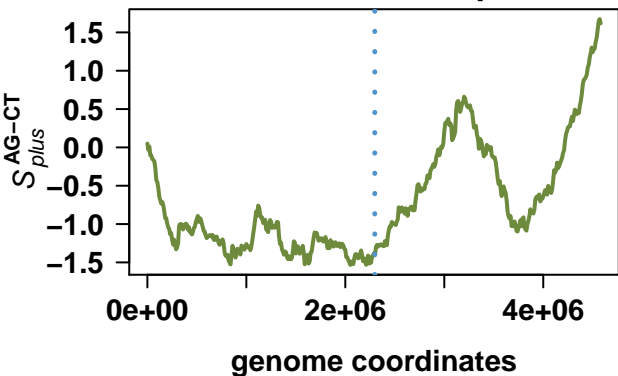
# Vibrio vulnificus YJ016



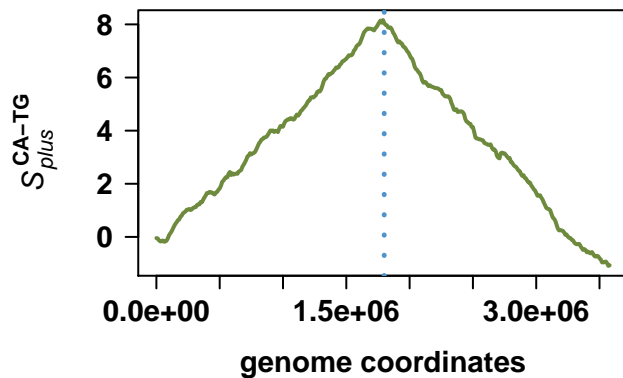
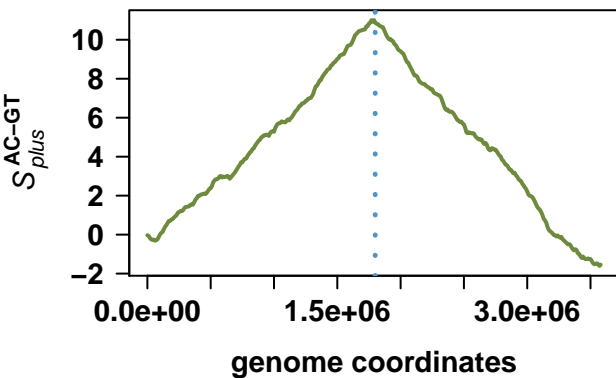
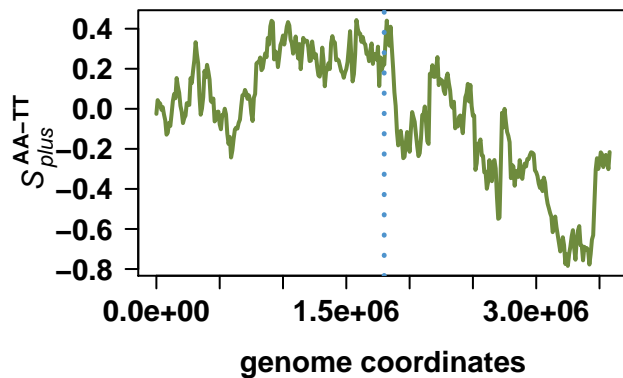
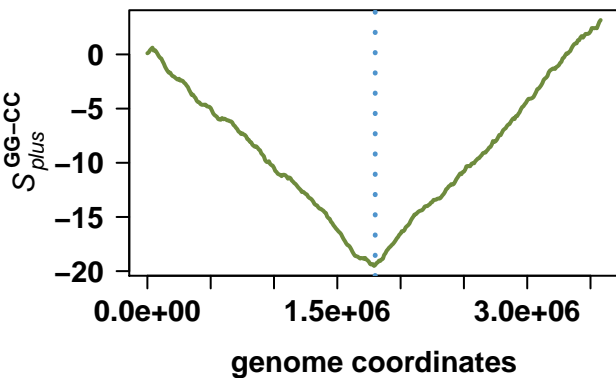
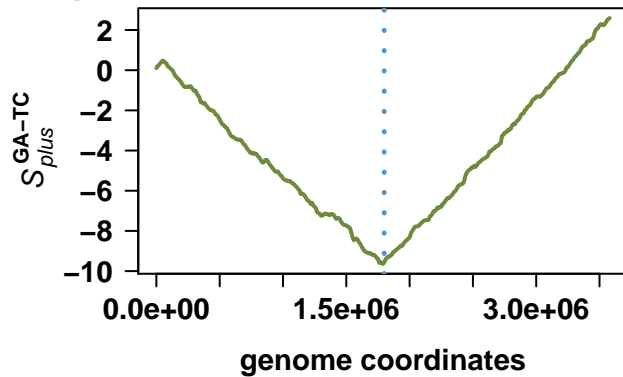
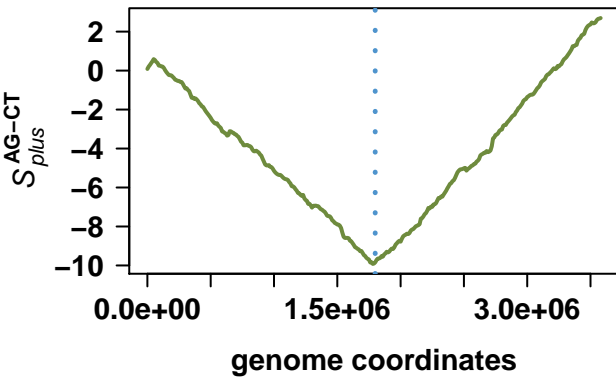
# *Pseudomonas syringae* pv. *phaseolicola* 1448A



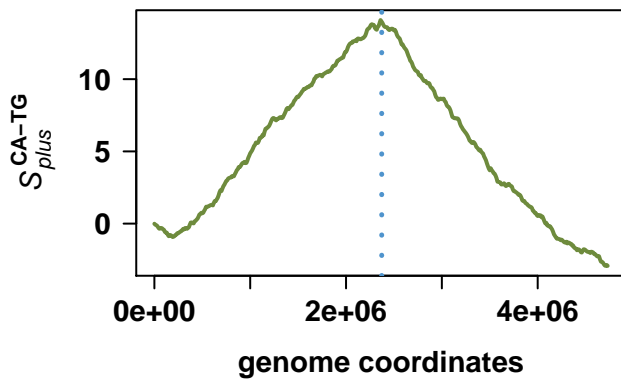
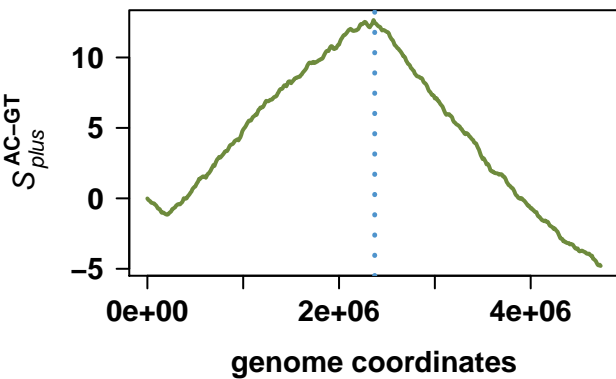
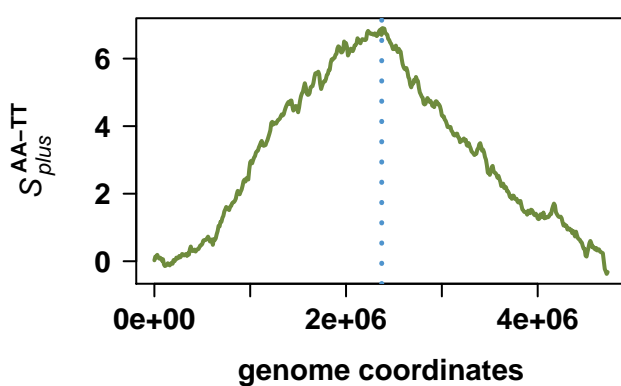
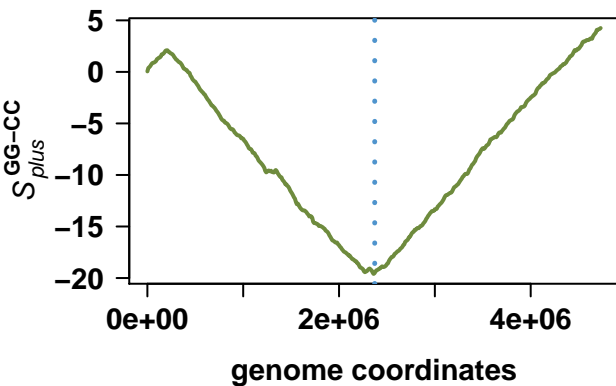
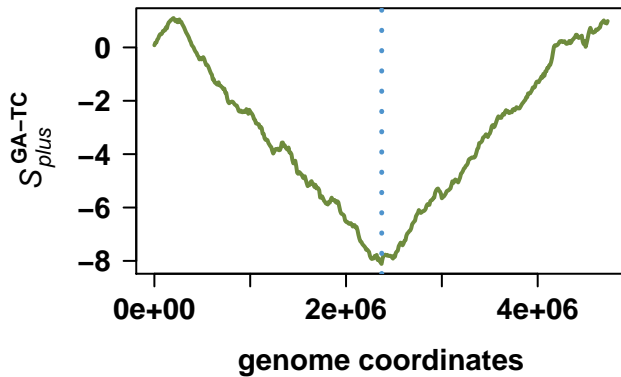
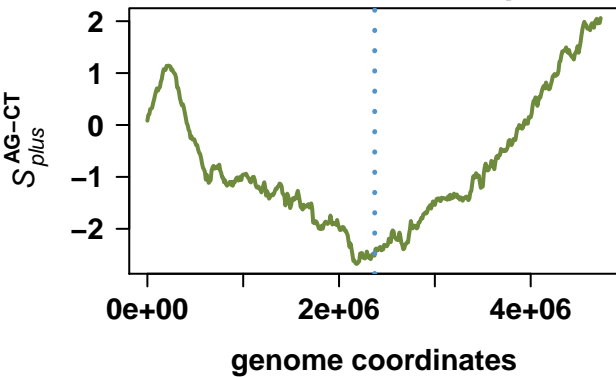
# *Yersinia pestis* biovar *Microtus* str. 91001



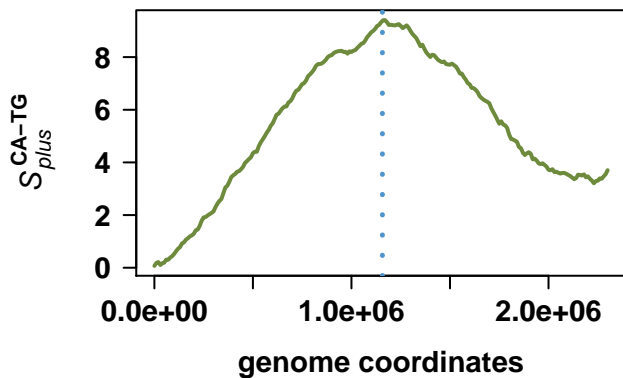
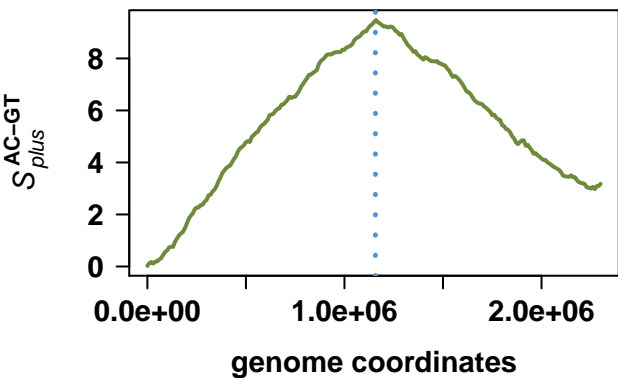
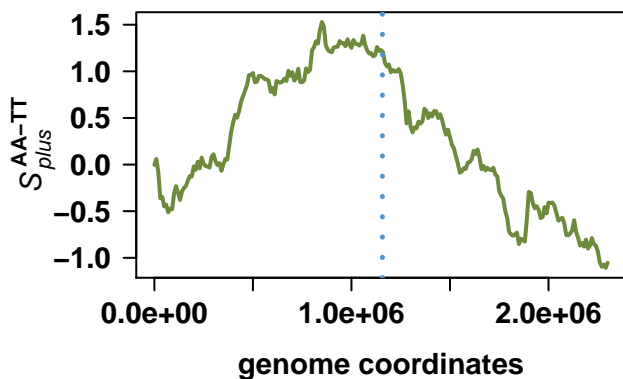
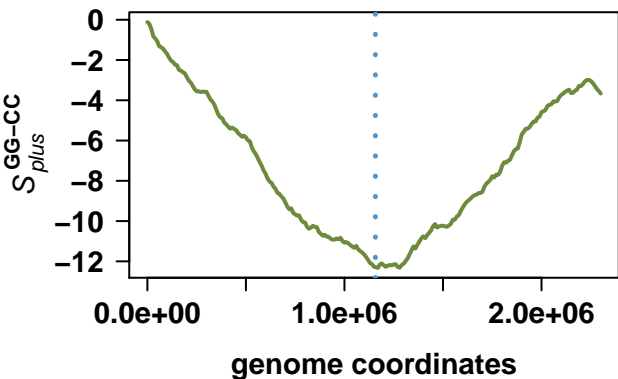
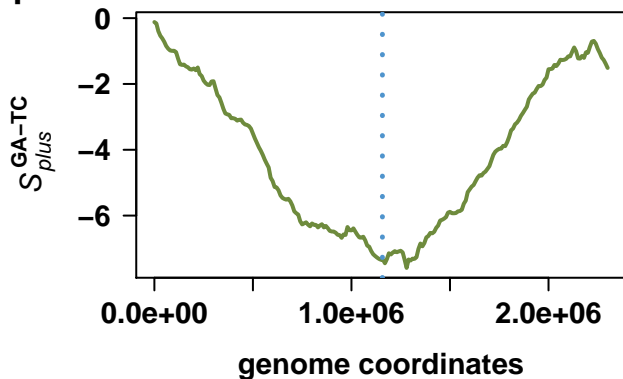
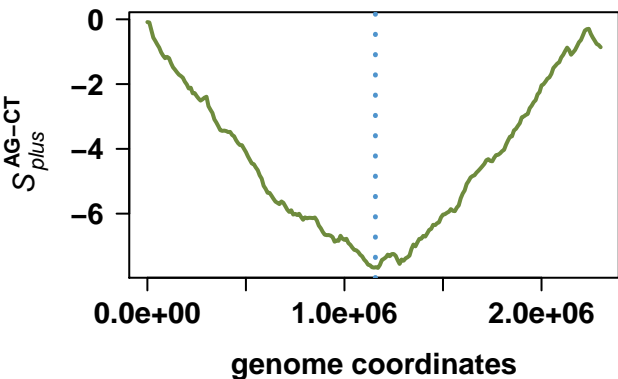
# Acinetobacter sp. ADP1



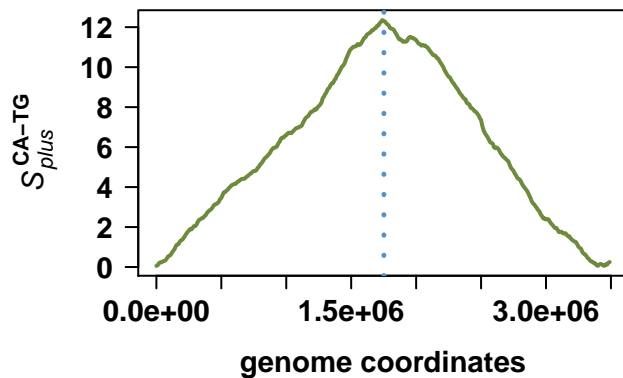
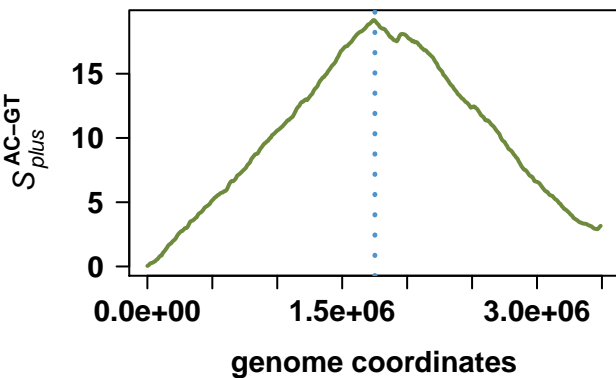
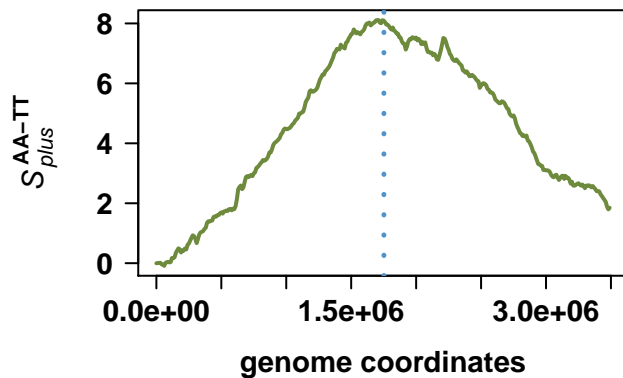
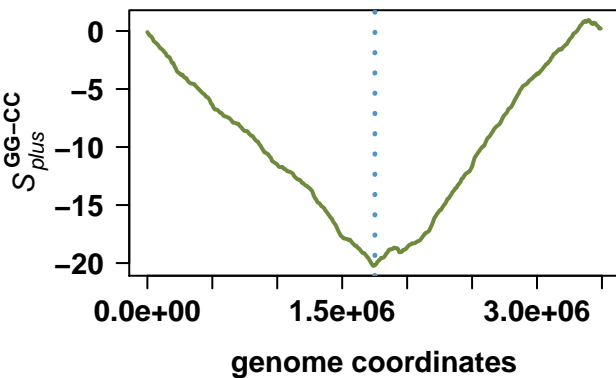
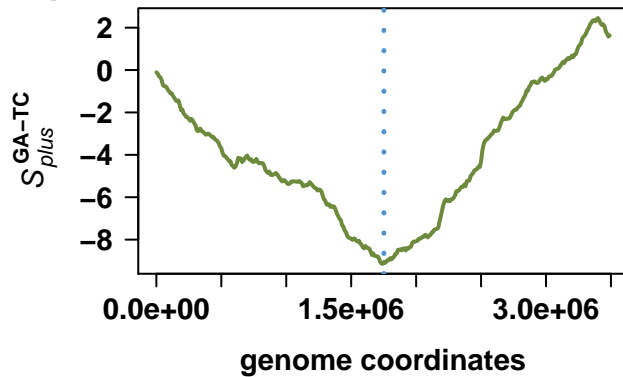
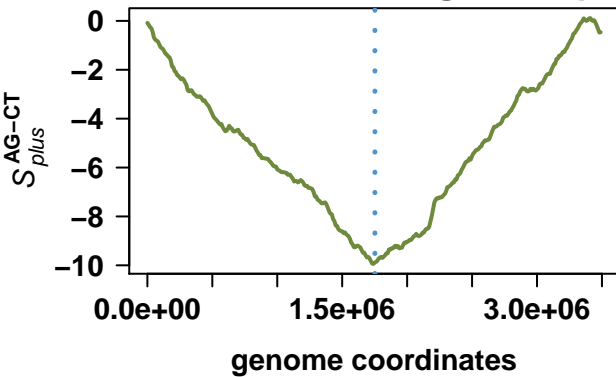
# *Yersinia pseudotuberculosis* IP 32953



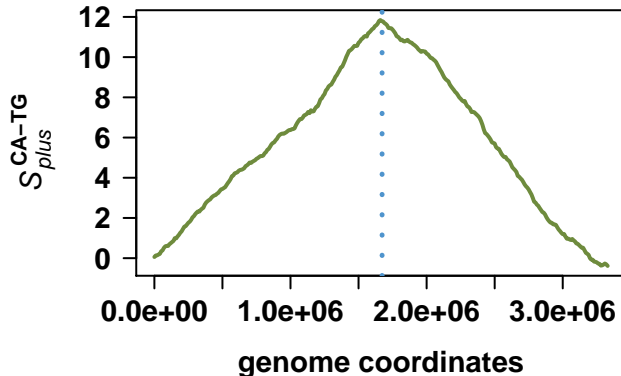
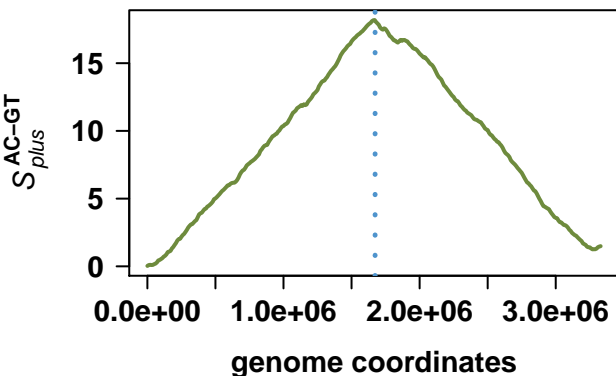
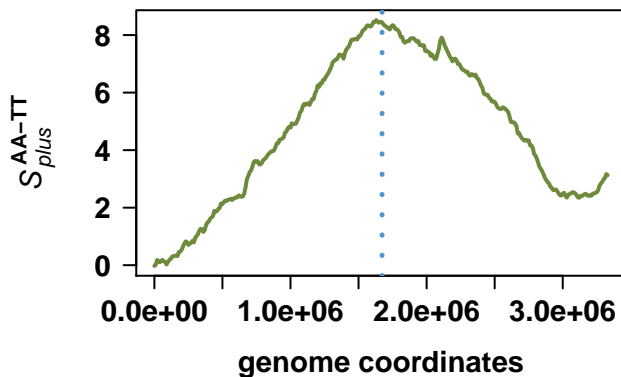
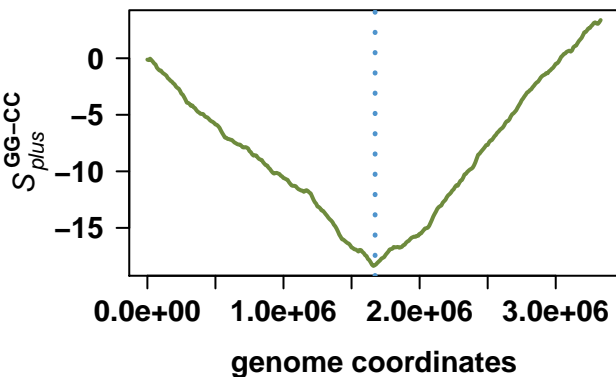
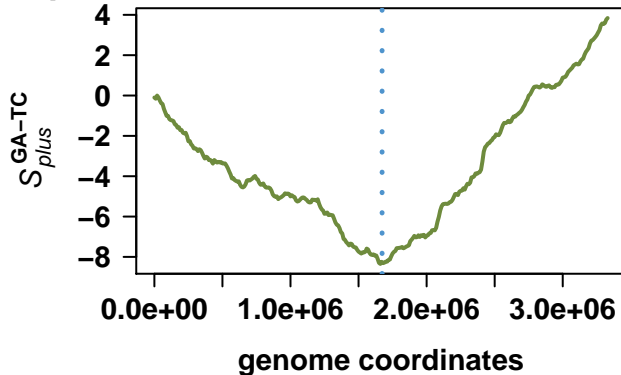
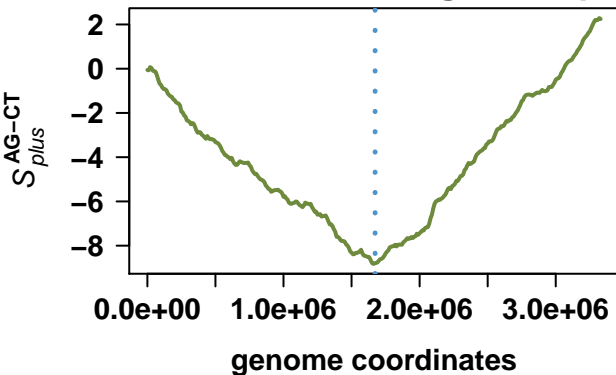
# Mannheimia succiniciproducens MBEL55E



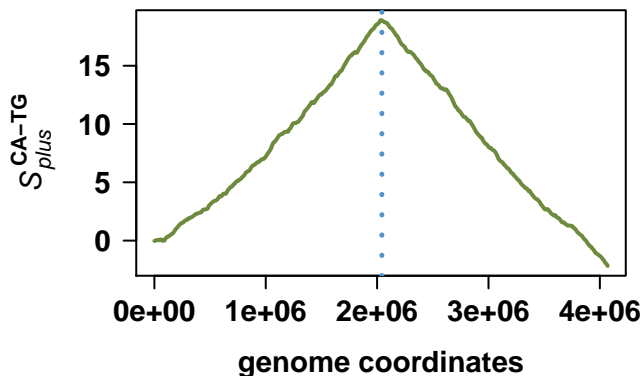
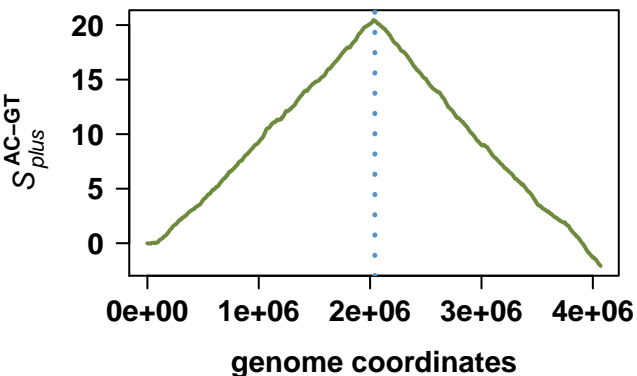
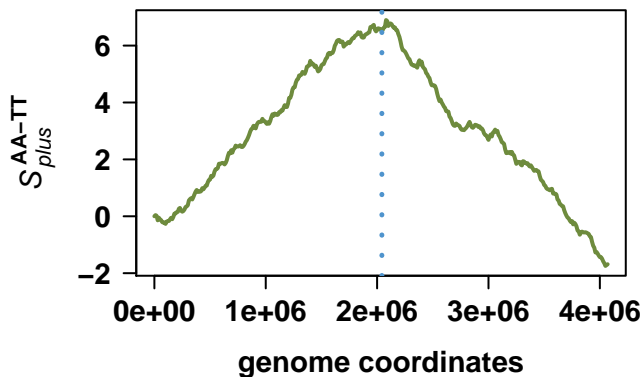
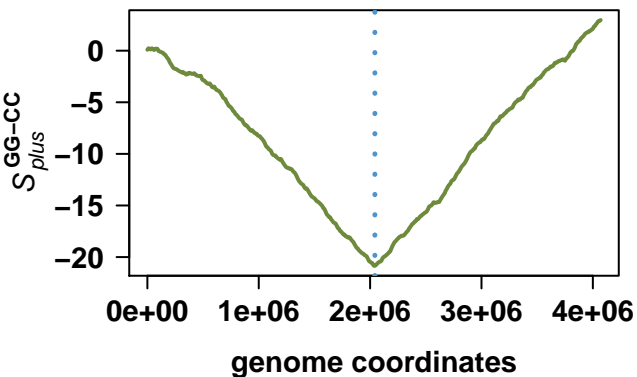
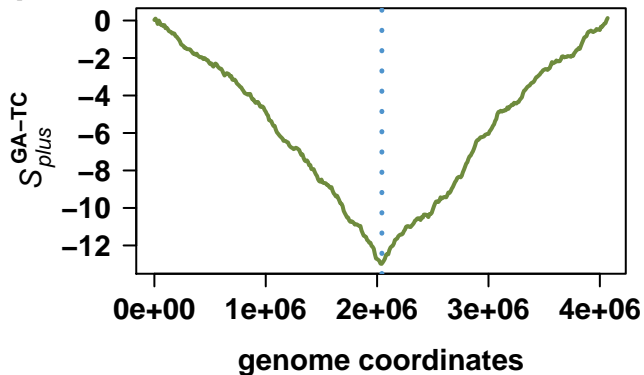
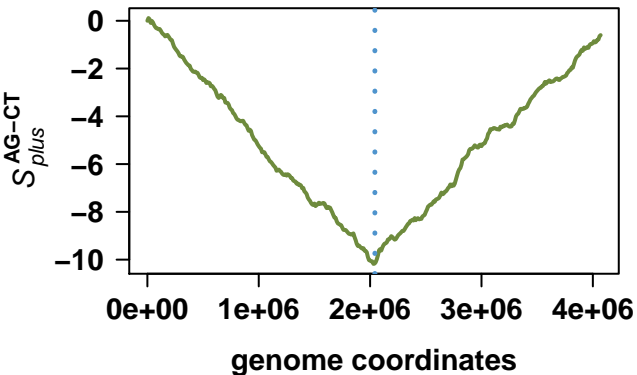
# Legionella pneumophila str. Paris



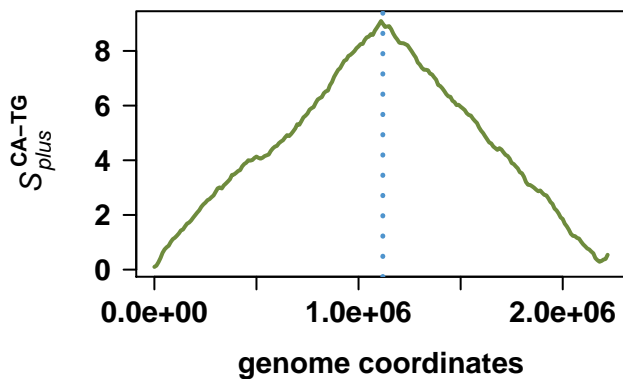
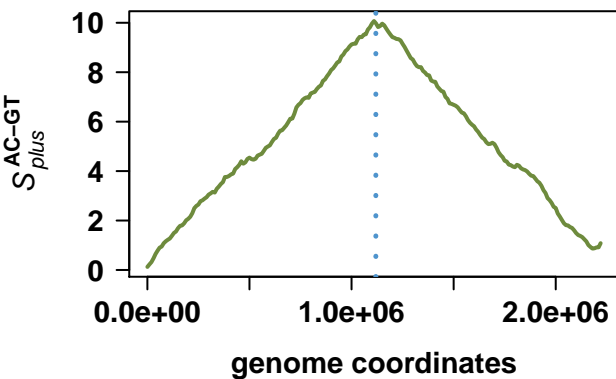
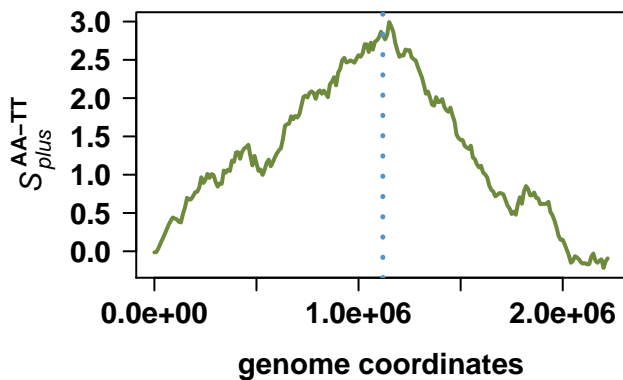
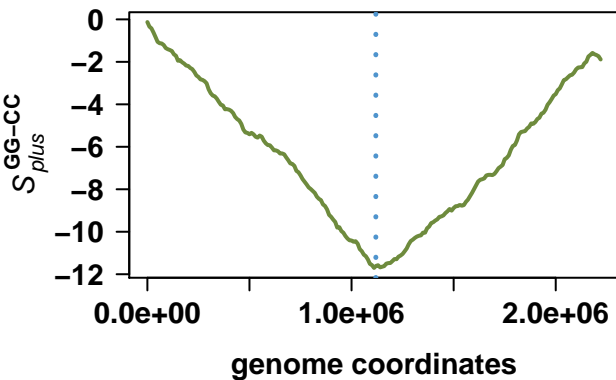
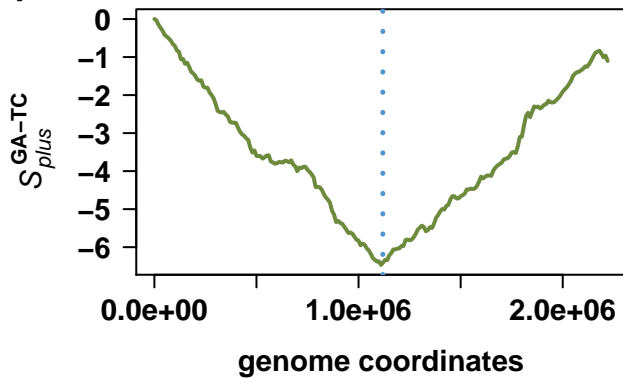
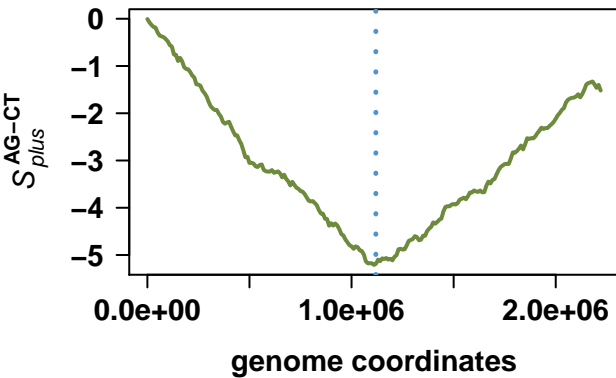
# Legionella pneumophila str. Lens



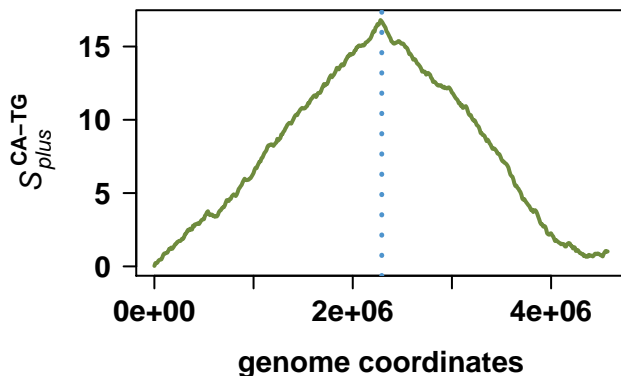
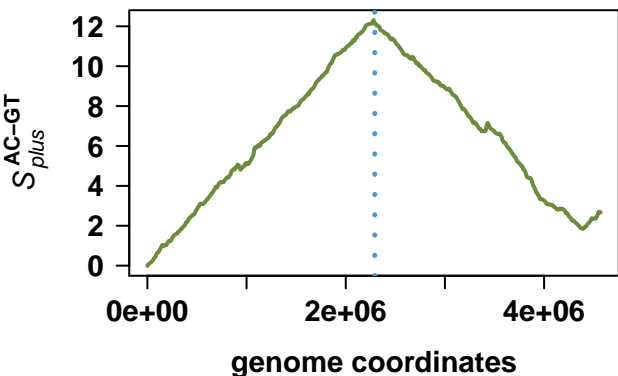
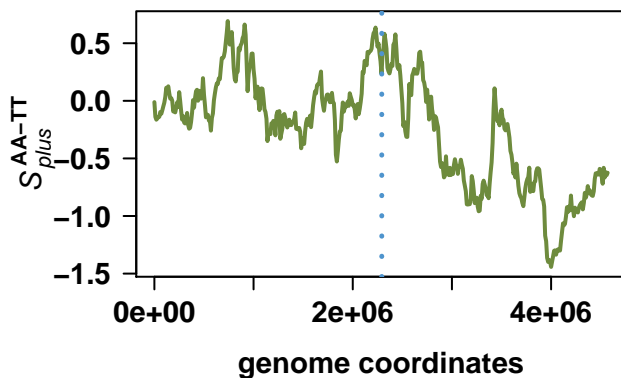
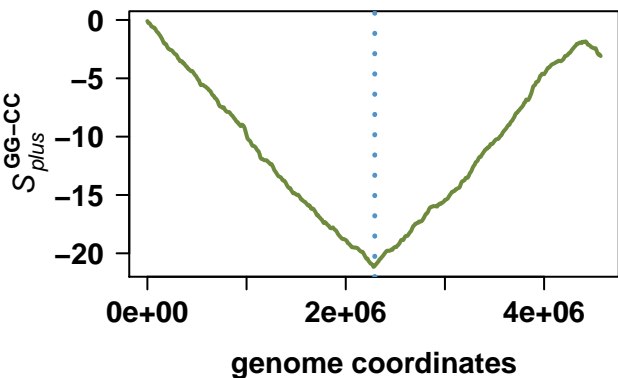
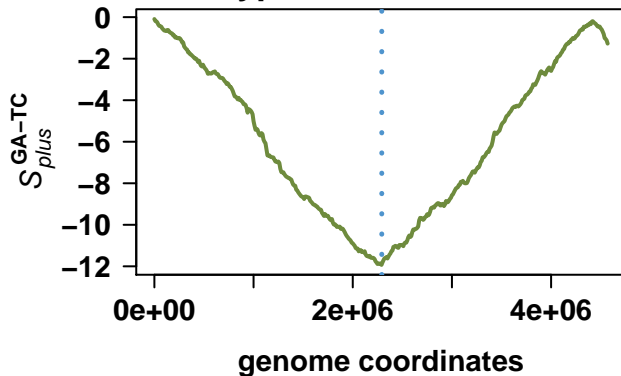
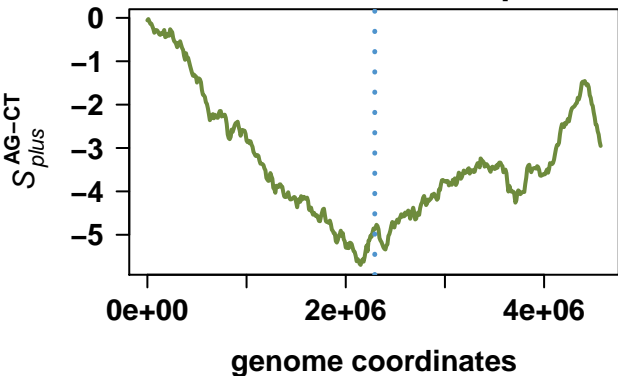
# Photobacterium profundum SS9



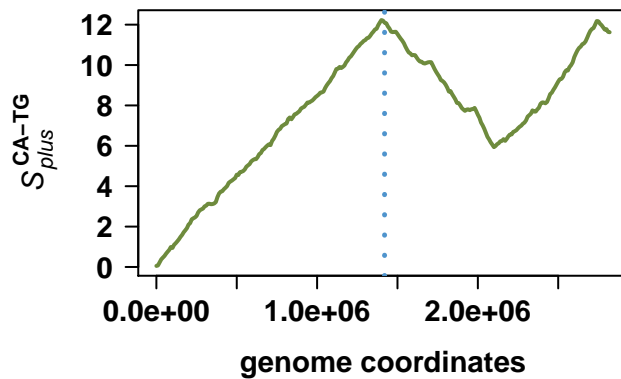
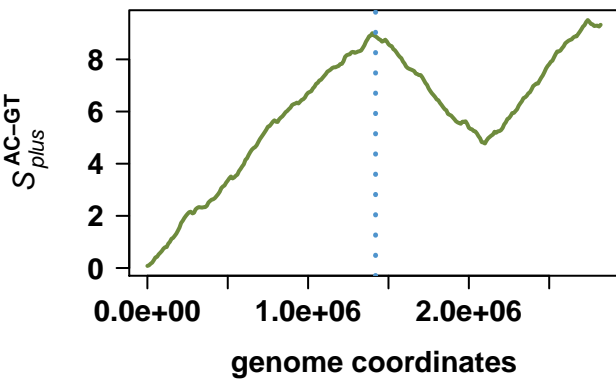
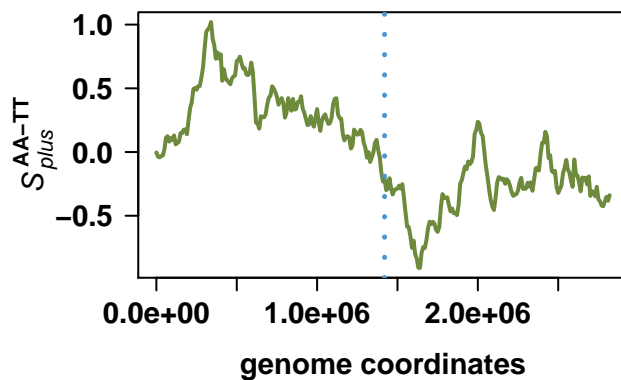
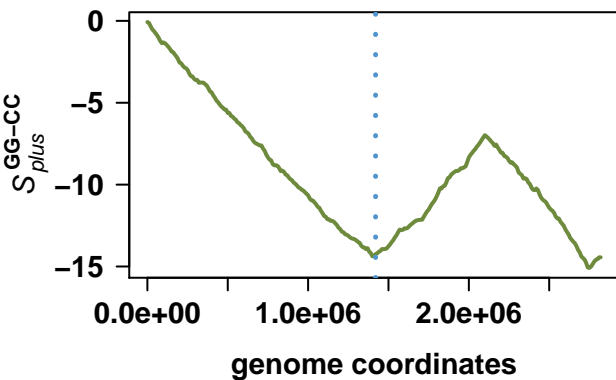
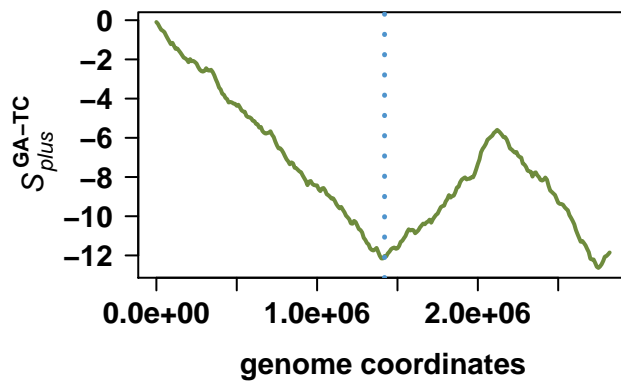
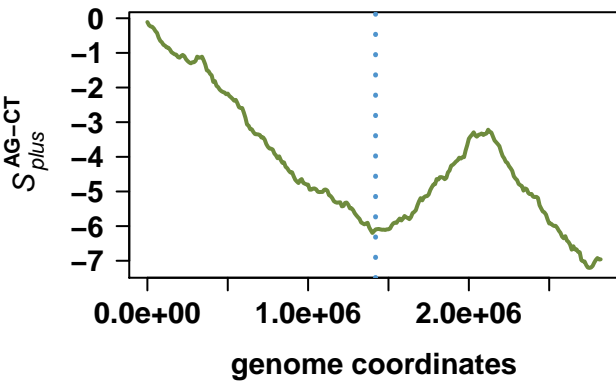
# Photobacterium profundum SS9



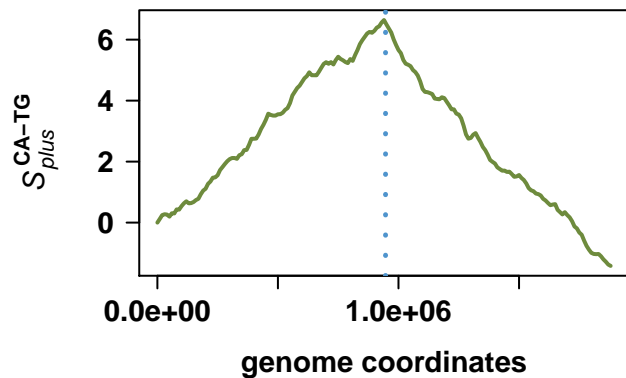
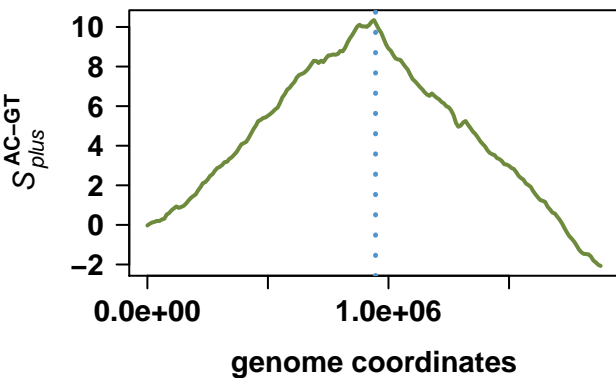
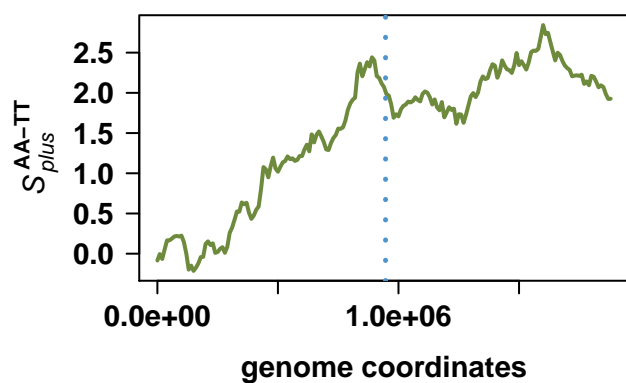
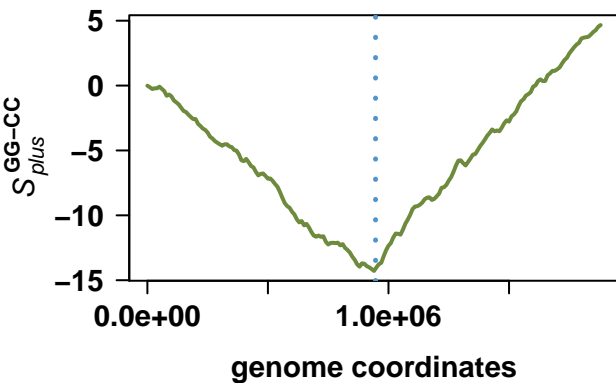
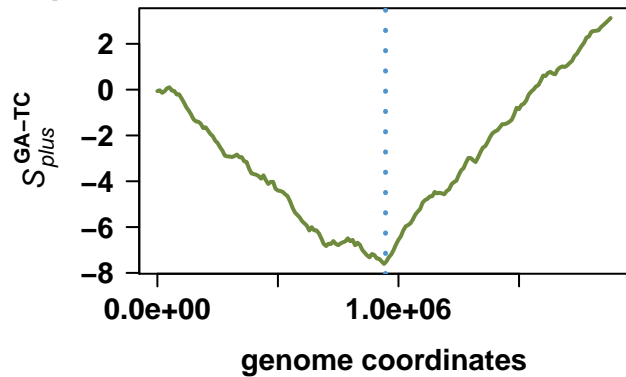
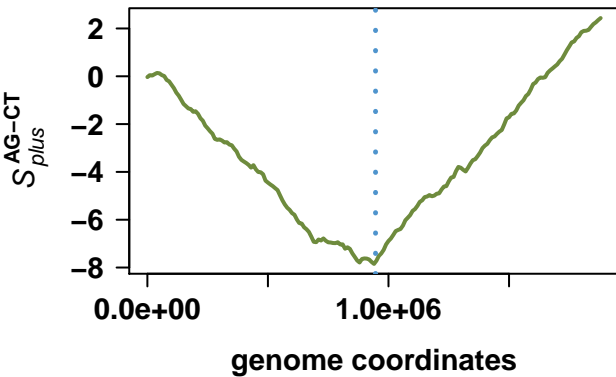
# Salmonella enterica subsp. enterica serovar Paratyphi A str. ATCC 9150



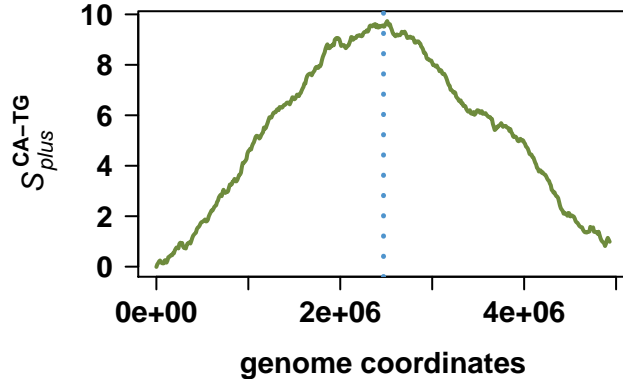
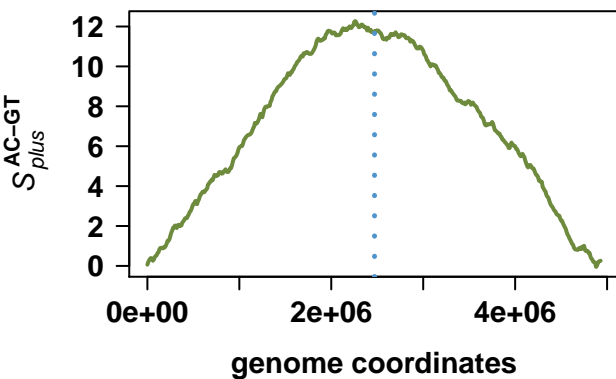
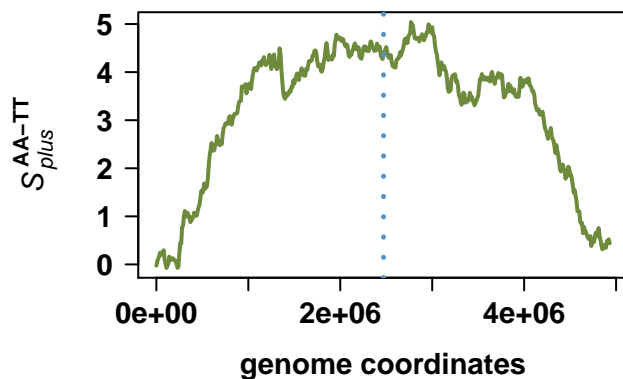
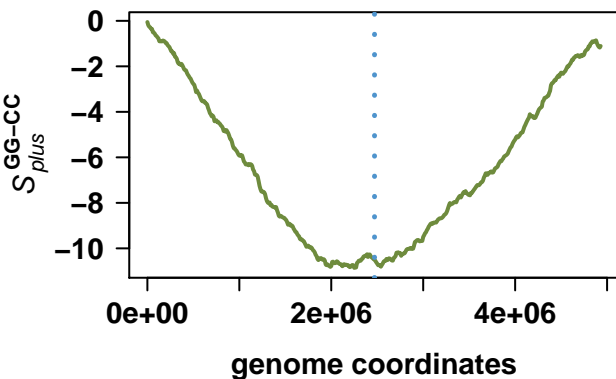
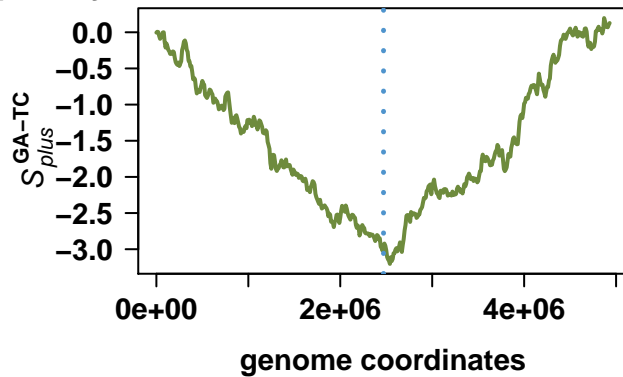
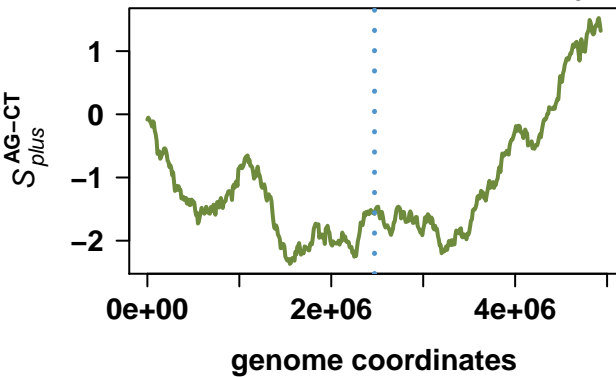
# Idiomarina loihiensis L2TR



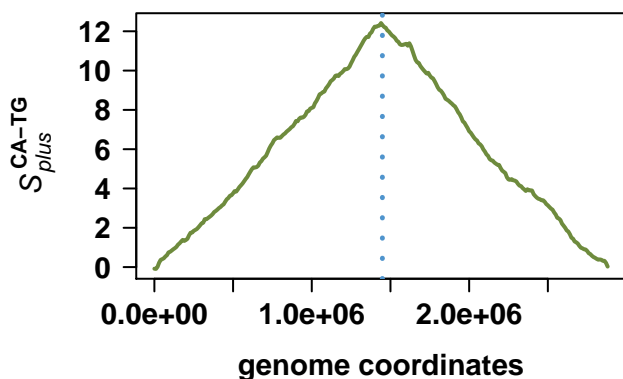
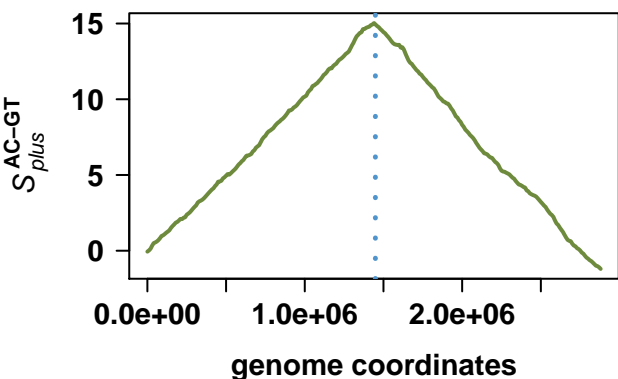
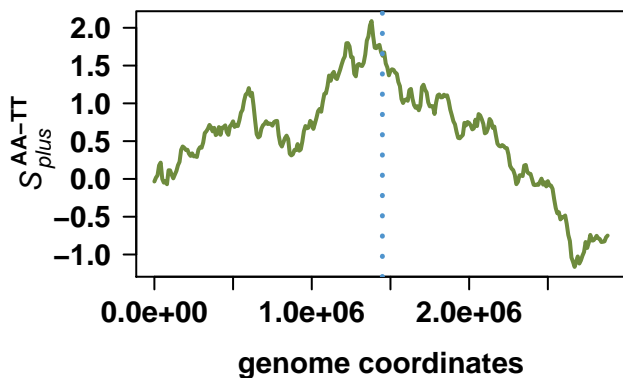
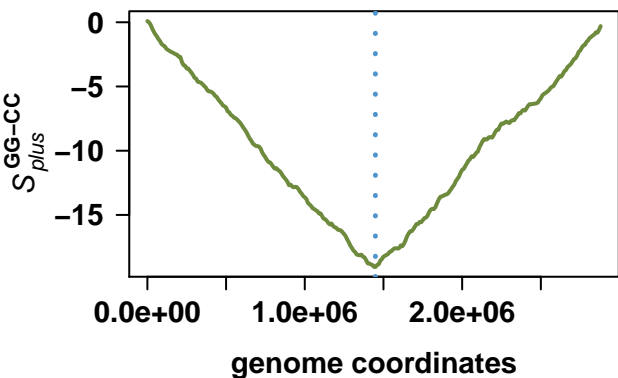
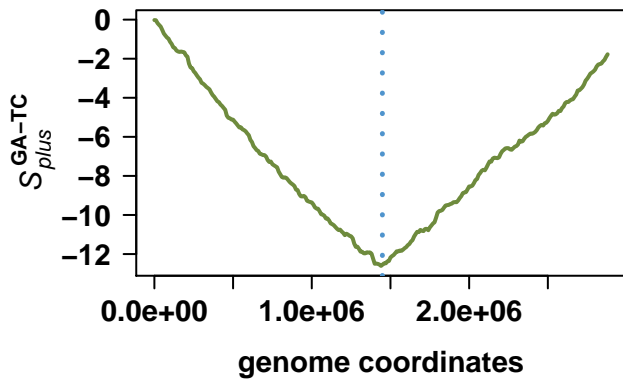
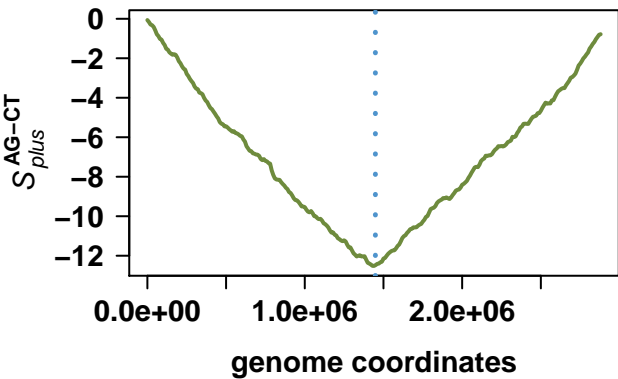
# Francisella tularensis subsp. tularensis SCHU S4



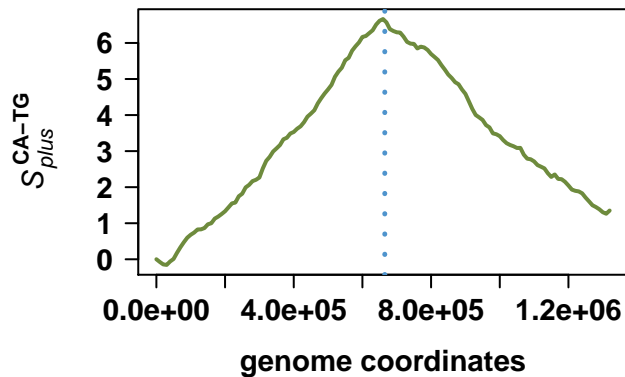
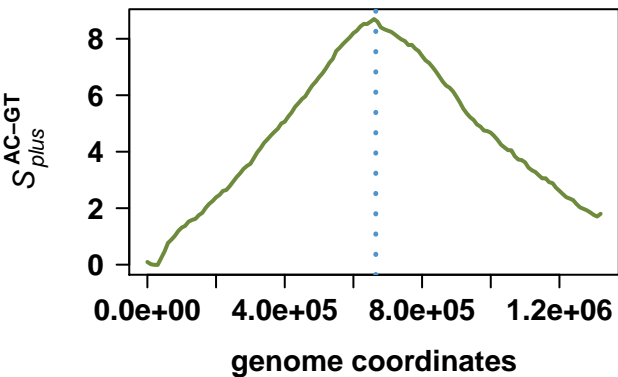
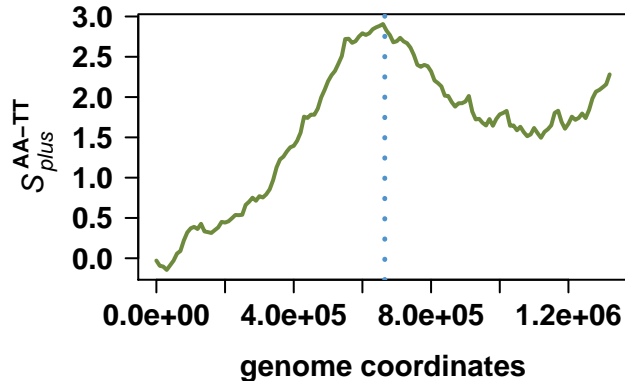
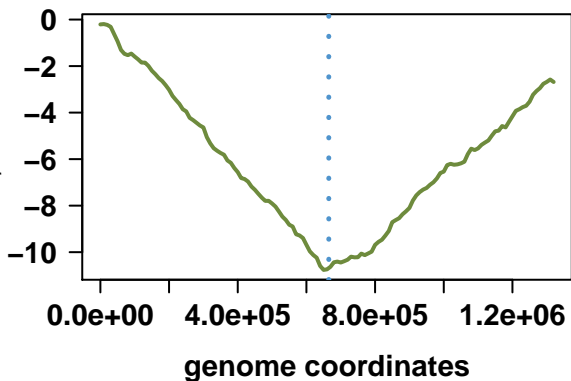
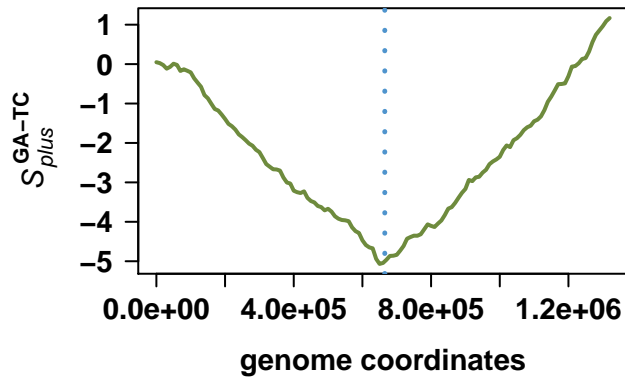
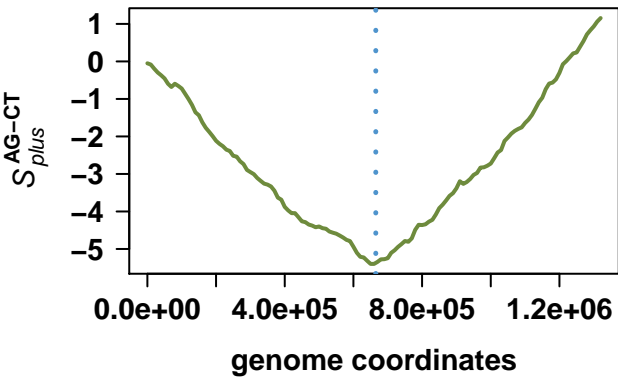
# *Xanthomonas oryzae* pv. *oryzae* KACC 10331



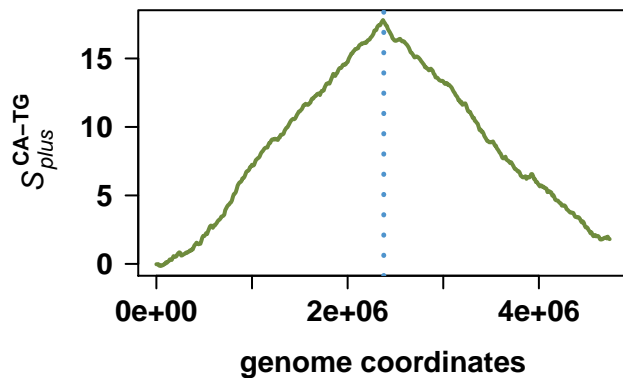
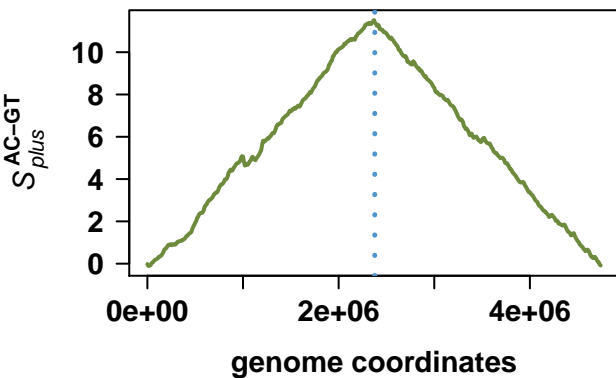
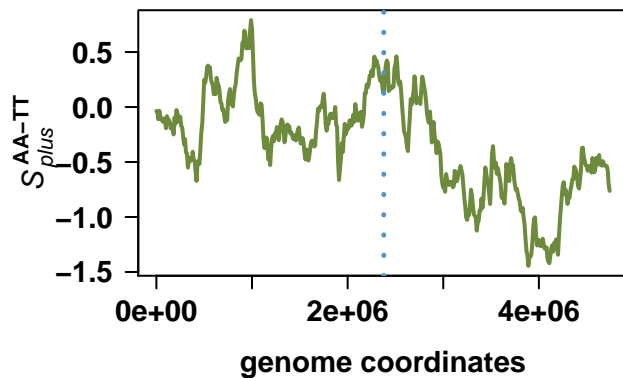
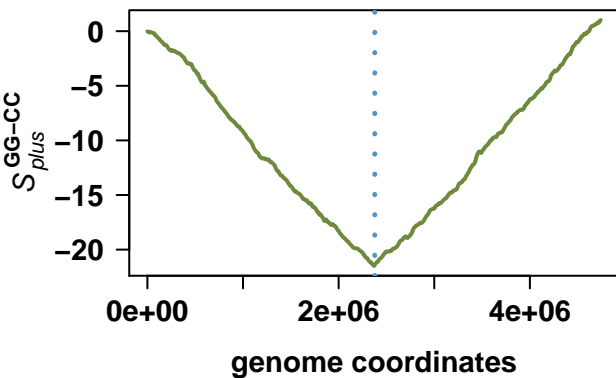
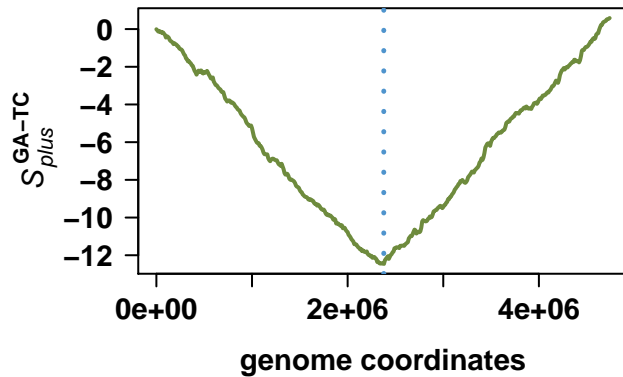
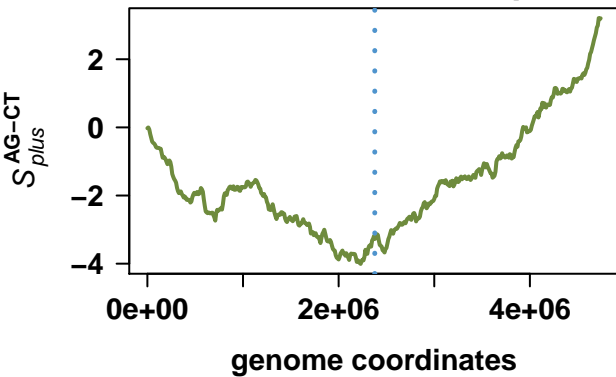
# Vibrio fischeri ES114



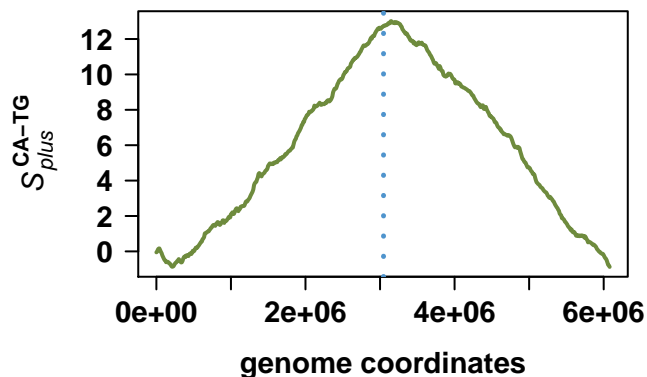
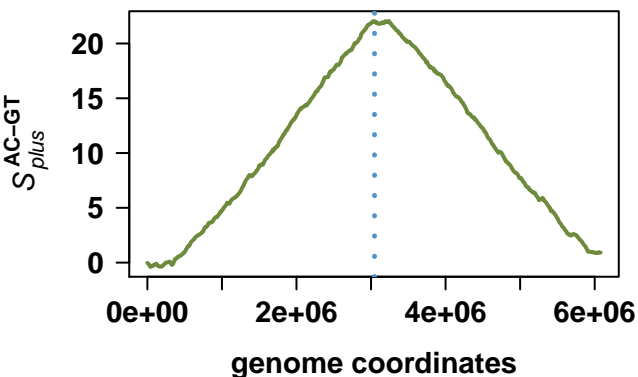
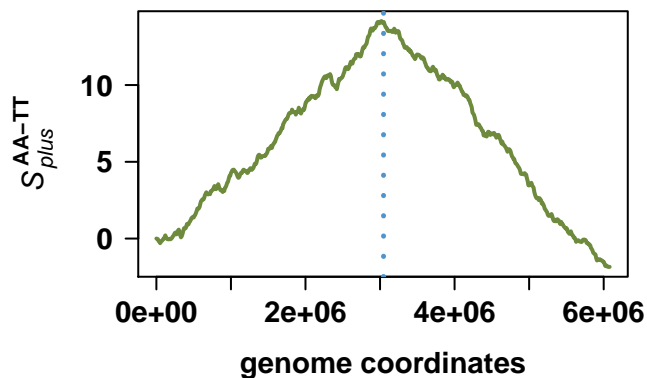
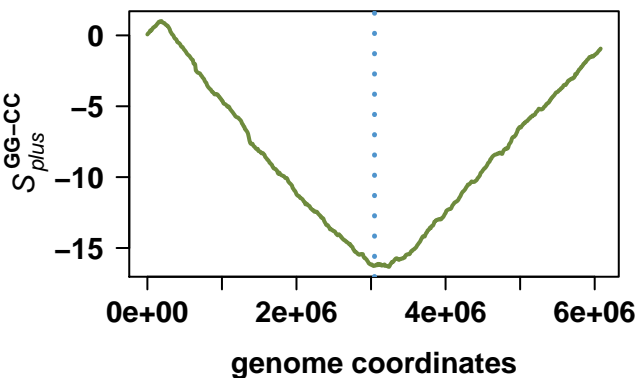
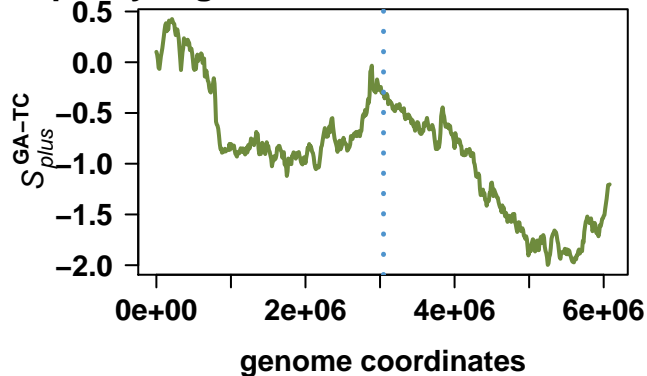
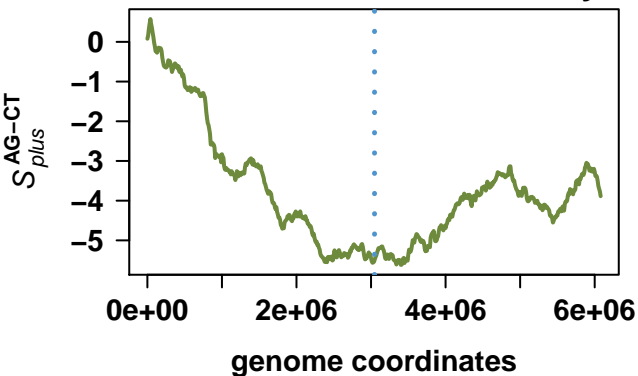
# Vibrio fischeri ES114



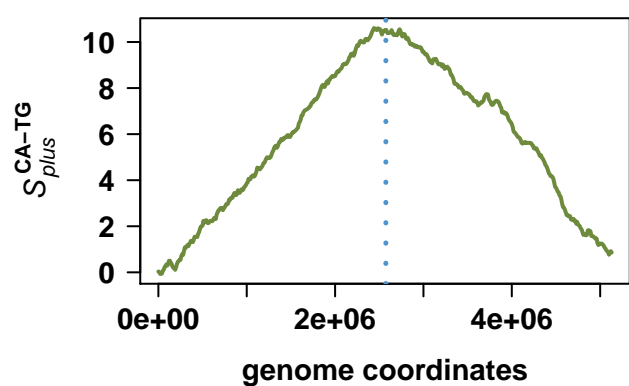
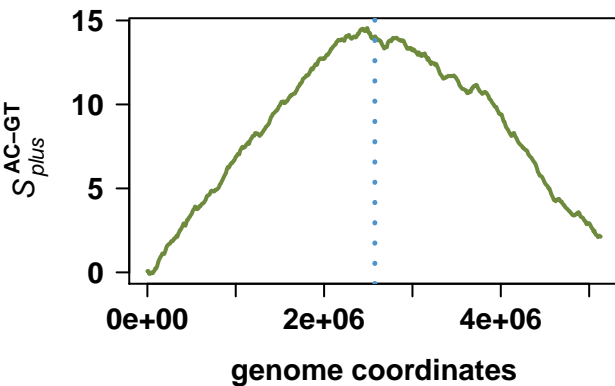
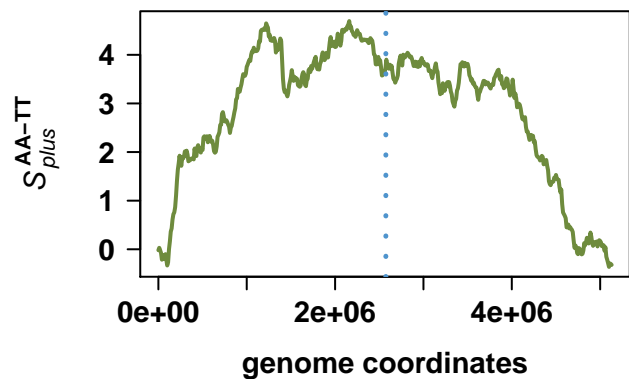
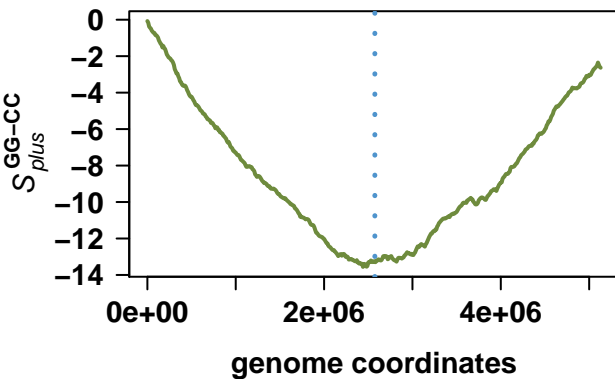
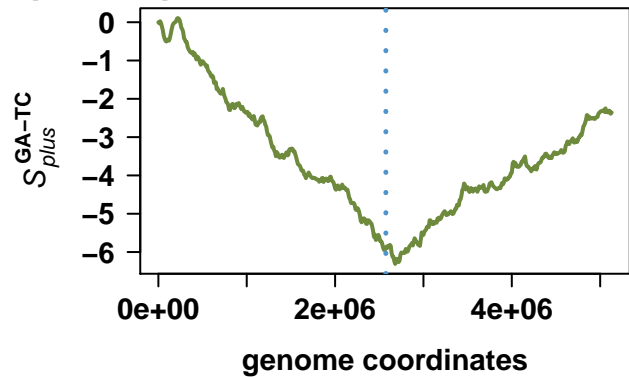
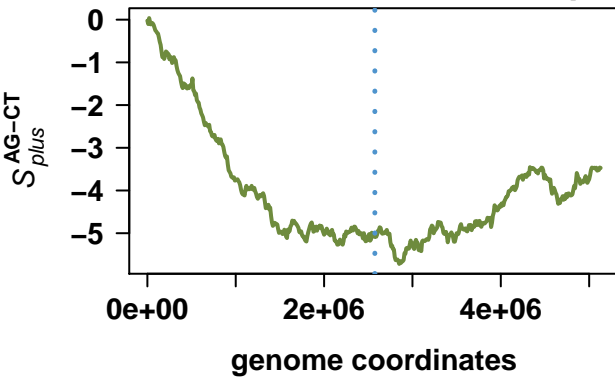
# Salmonella enterica subsp. enterica serovar Choleraesuis str. SC-B67



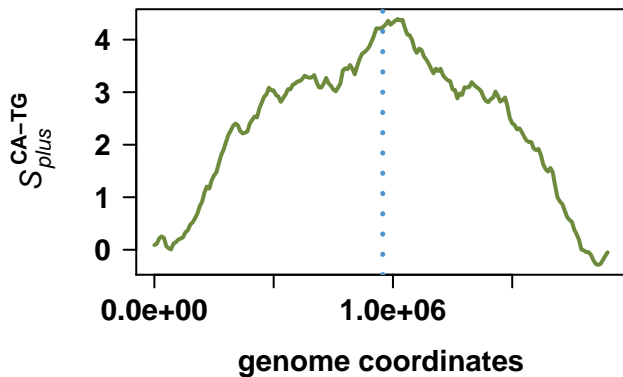
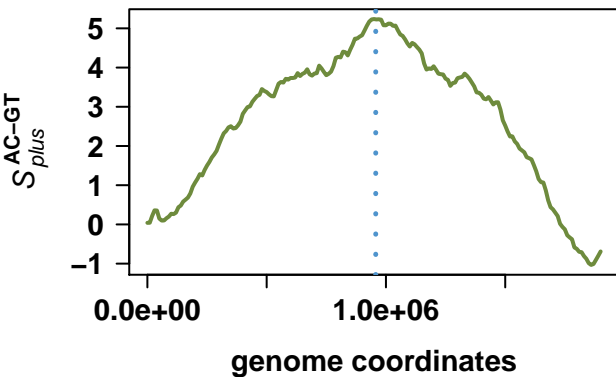
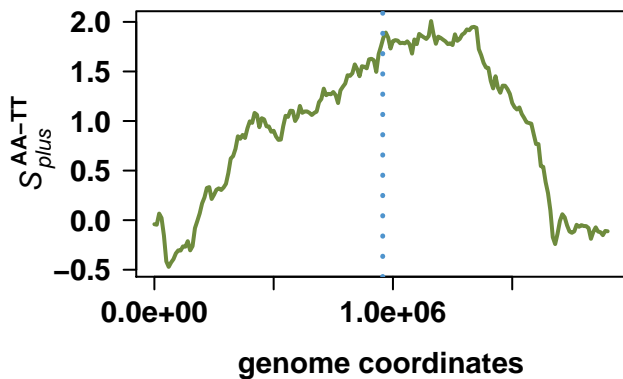
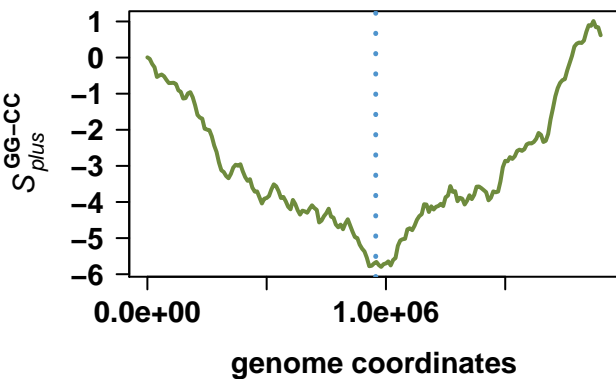
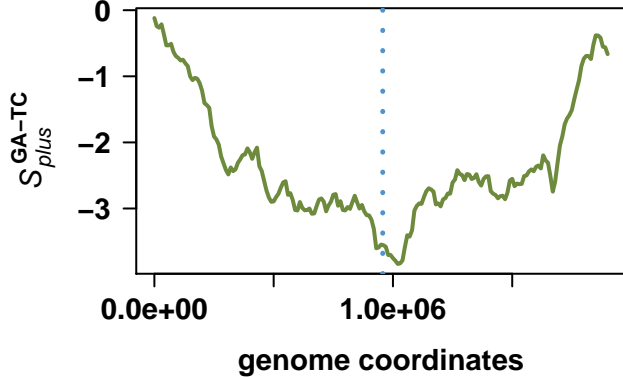
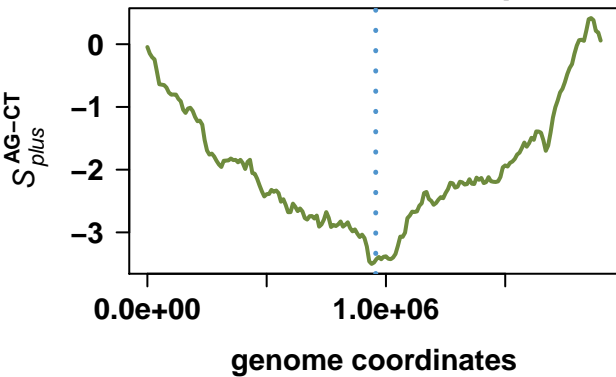
# *Pseudomonas syringae* pv. *syringae* B728a



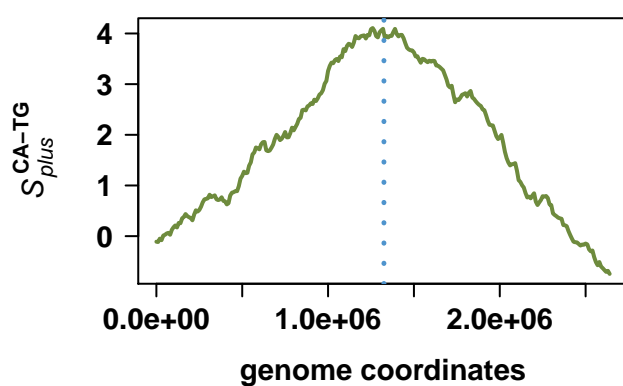
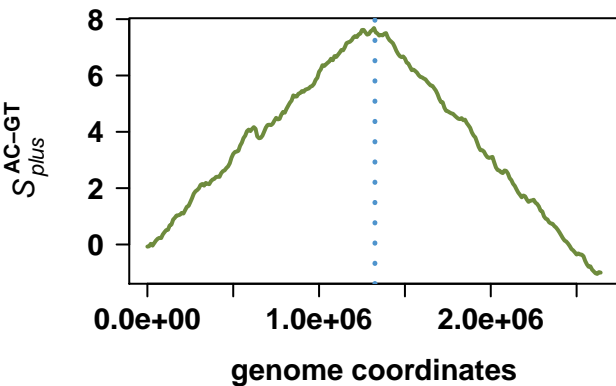
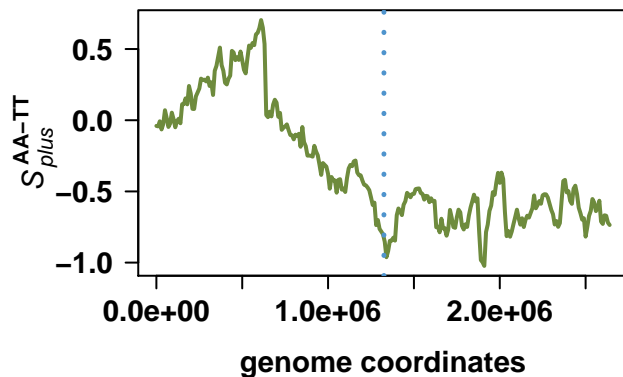
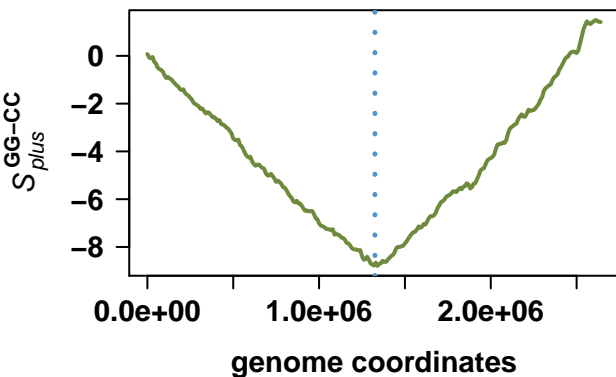
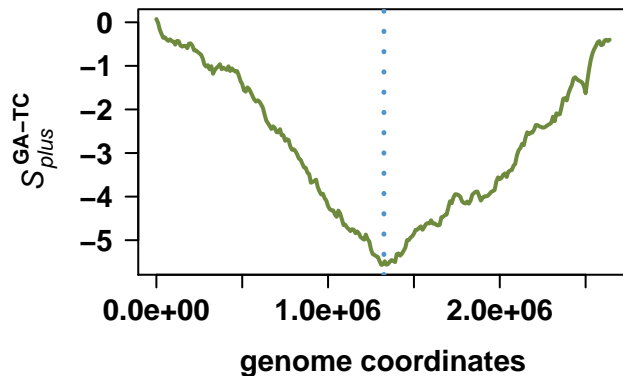
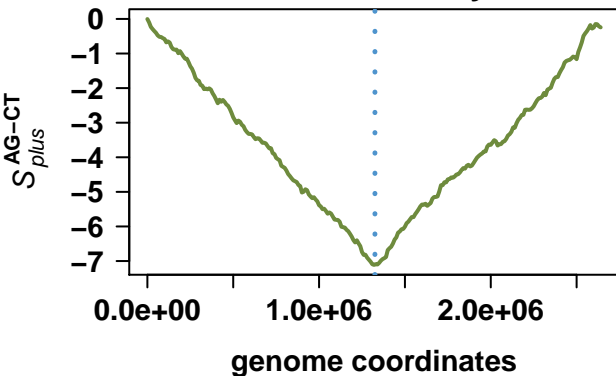
# Xanthomonas campestris pv. campestris str. 8004



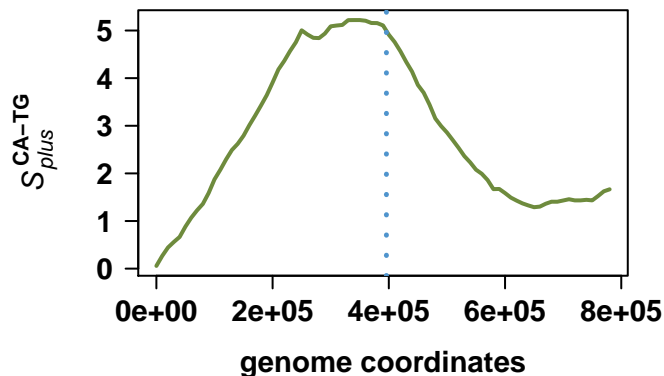
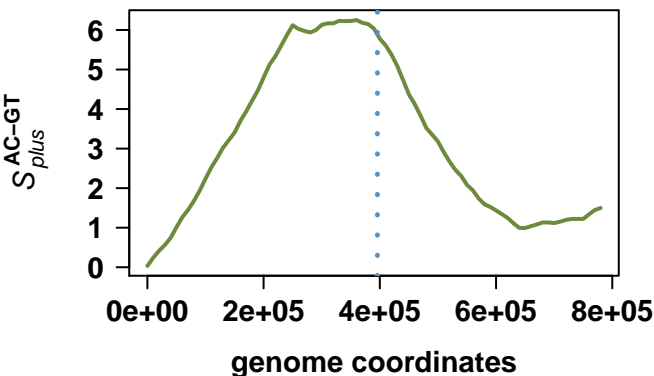
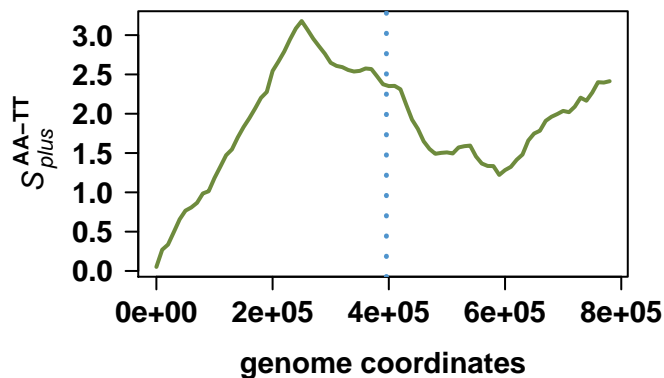
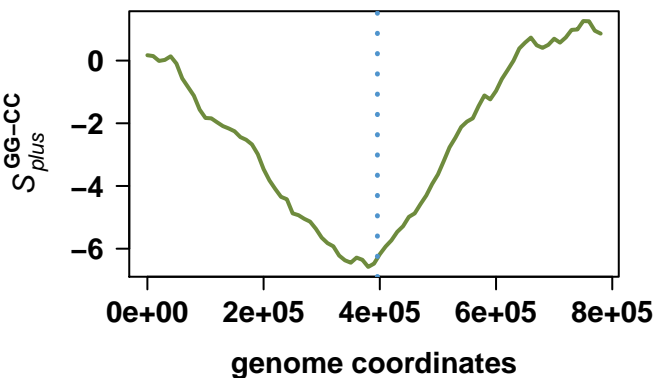
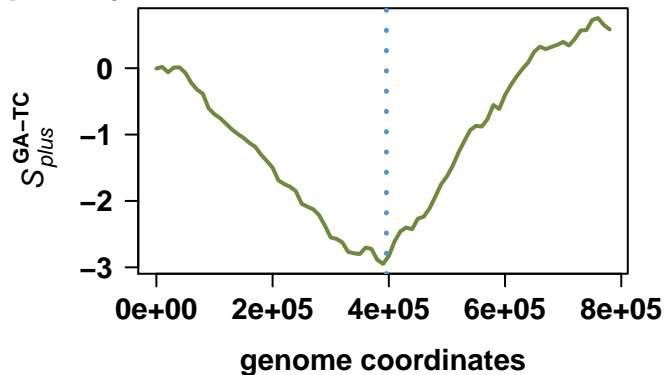
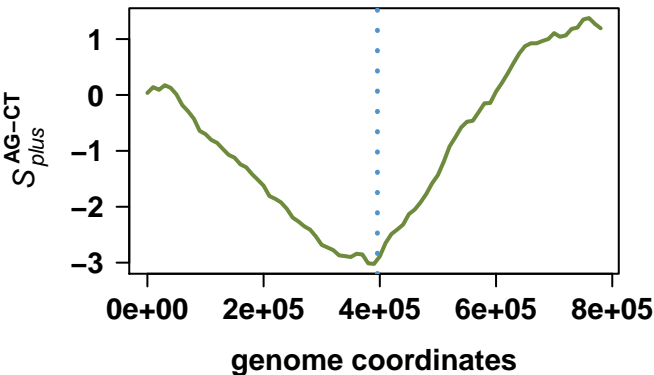
# Haemophilus influenzae 86-028NP



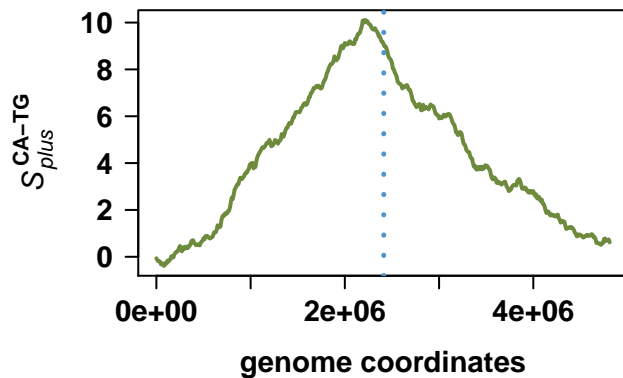
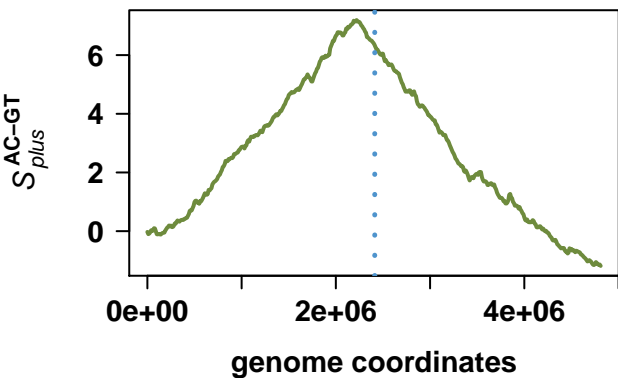
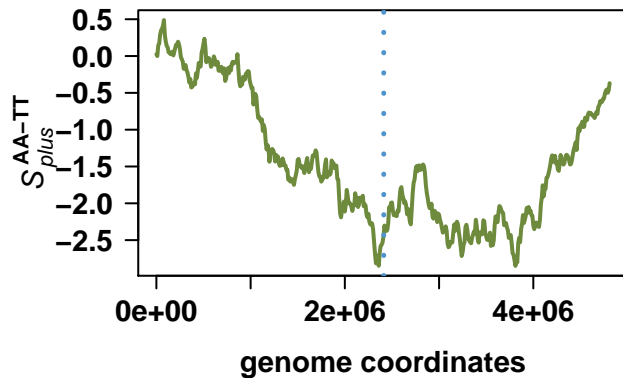
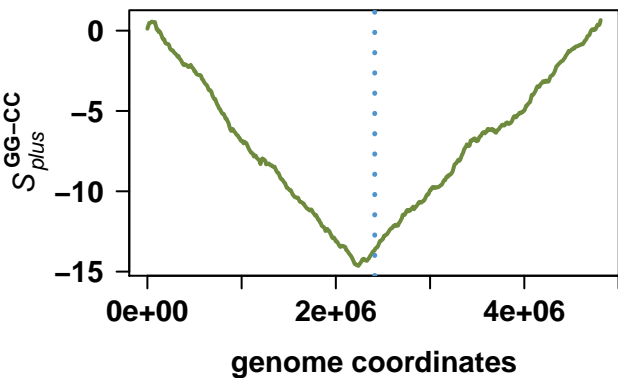
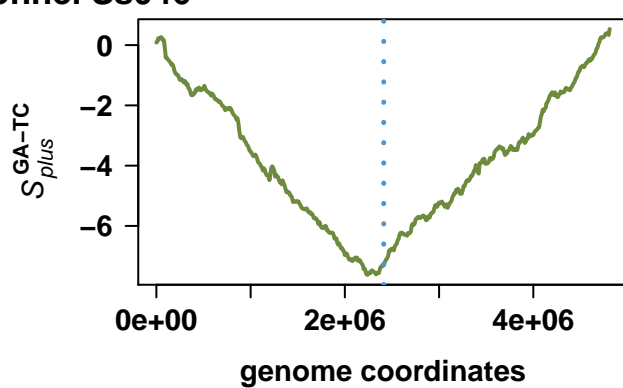
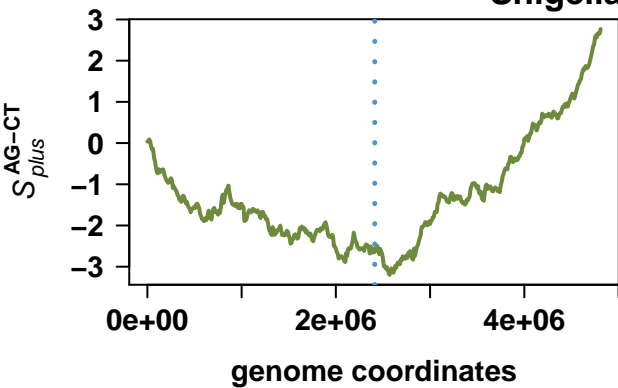
# Psychrobacter arcticus 273-4



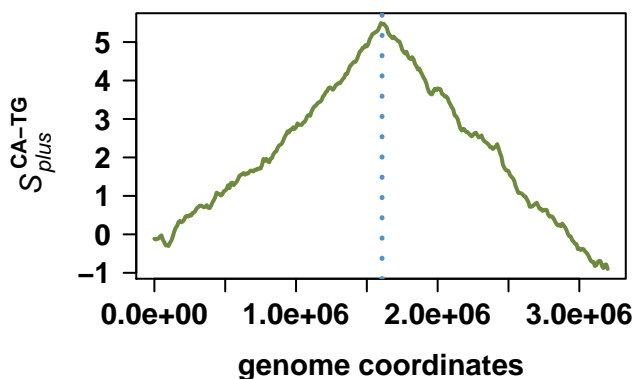
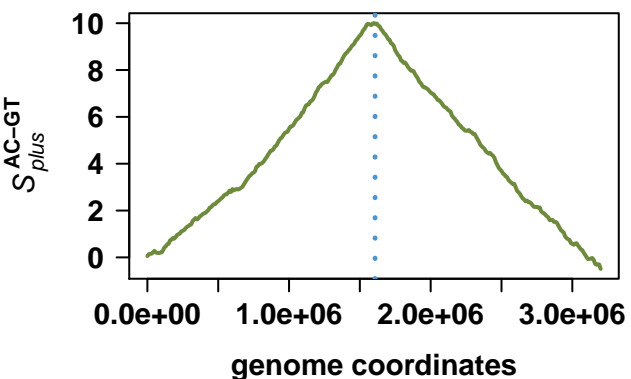
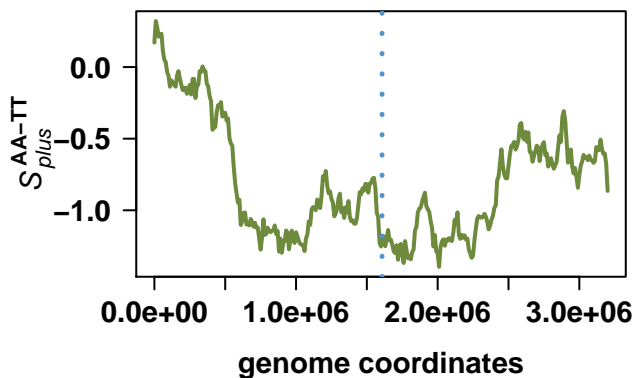
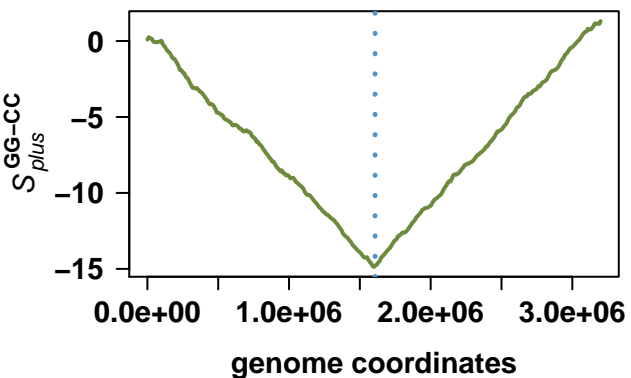
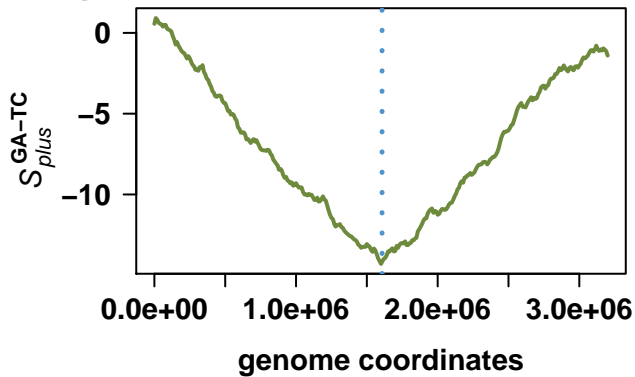
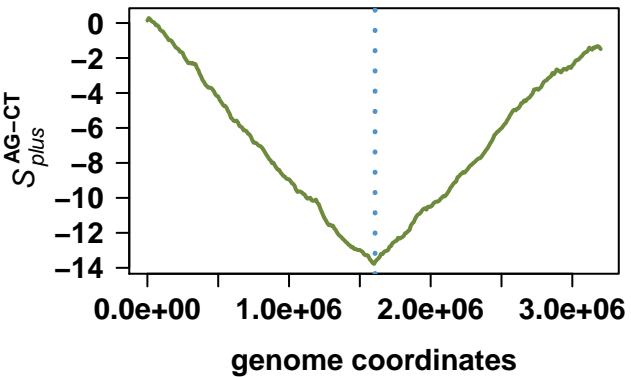
# Candidatus Blochmannia pennsylvanicus str. BPEN



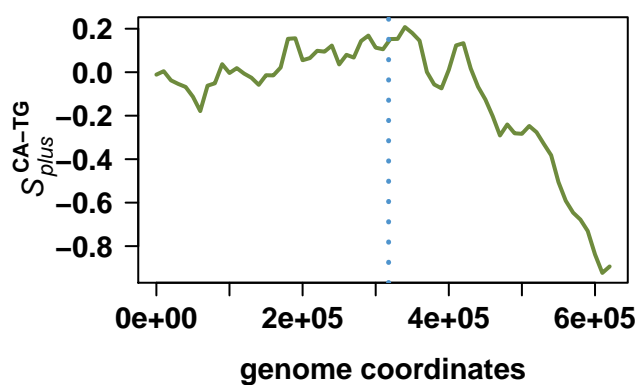
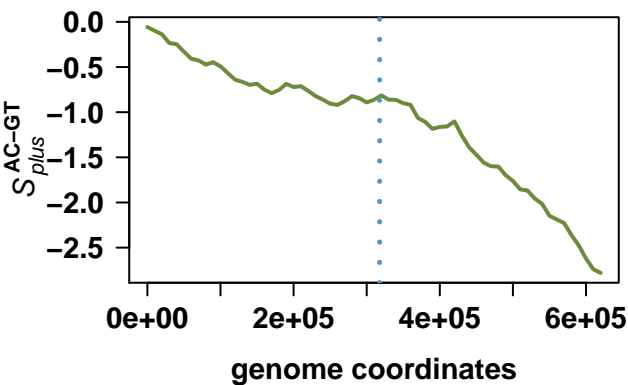
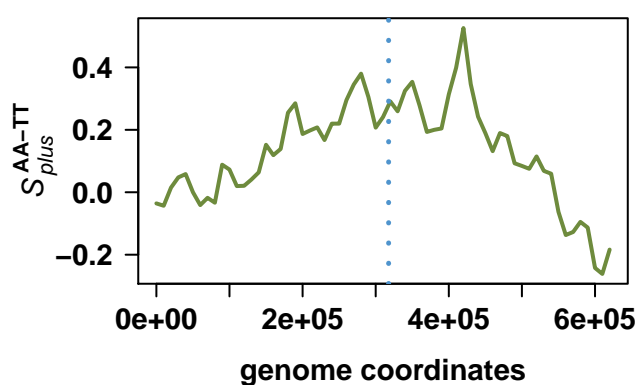
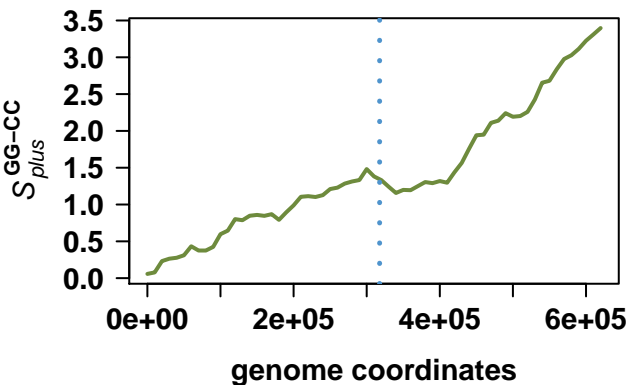
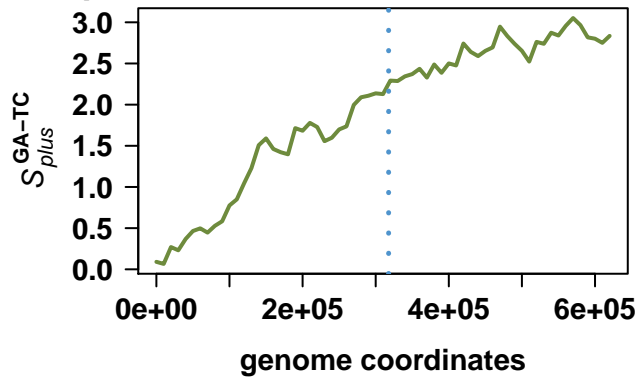
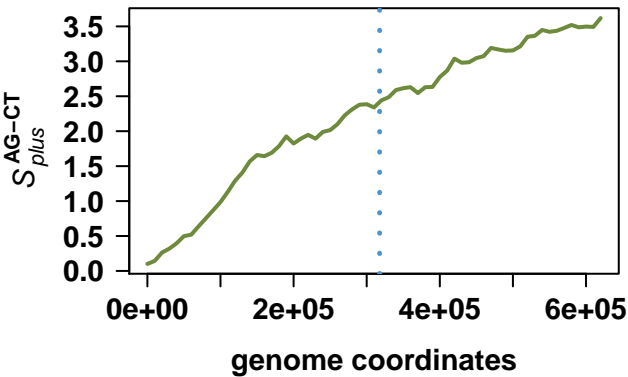
# Shigella sonnei Ss046



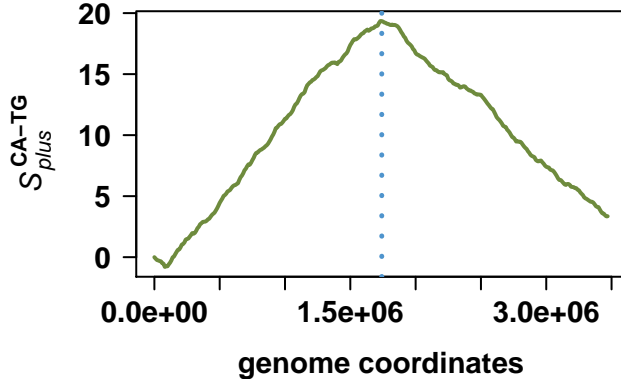
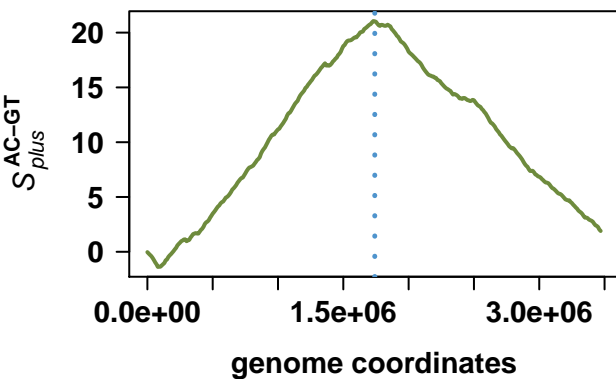
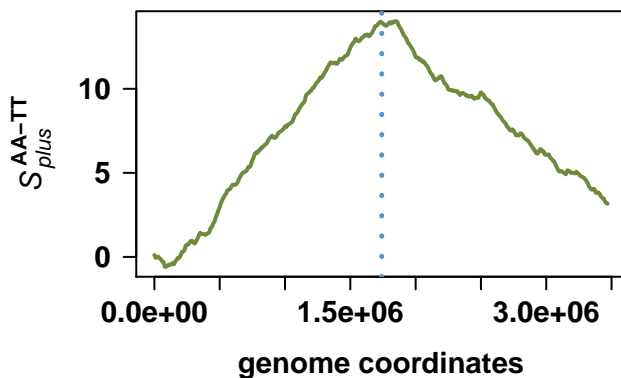
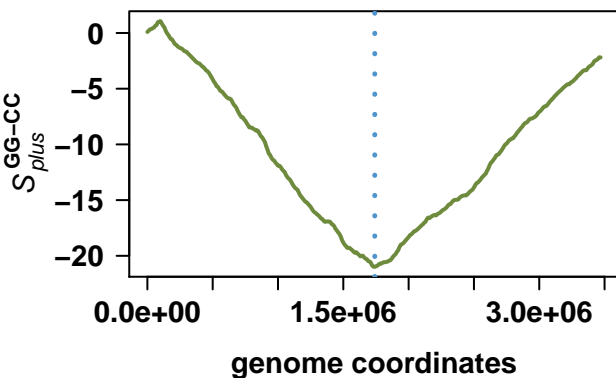
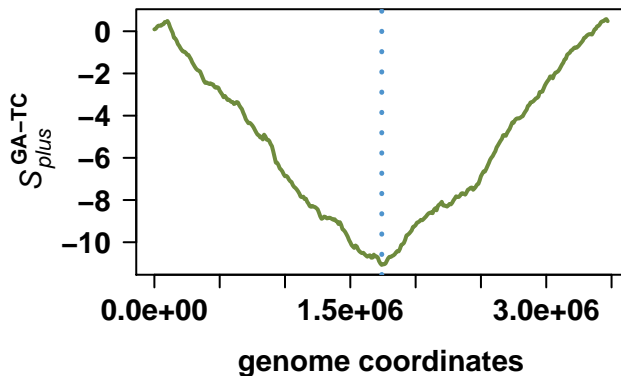
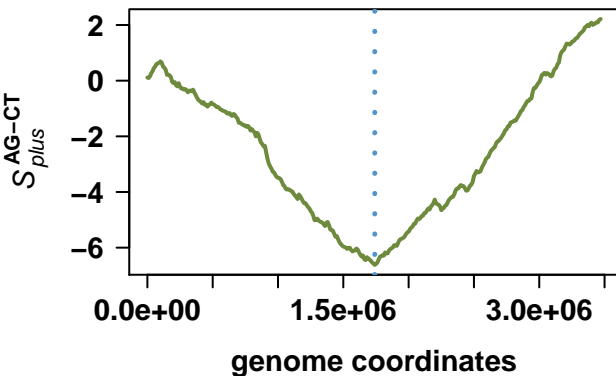
# Pseudoalteromonas haloplanktis TAC125



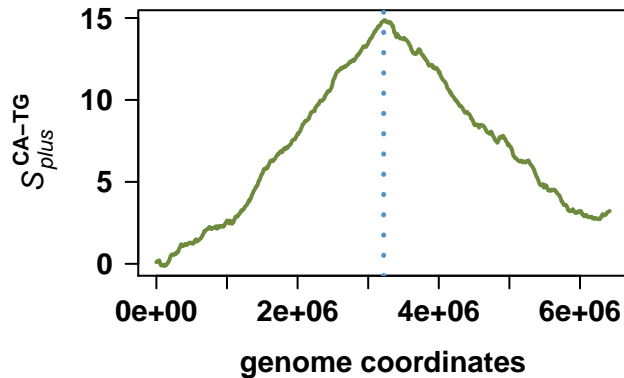
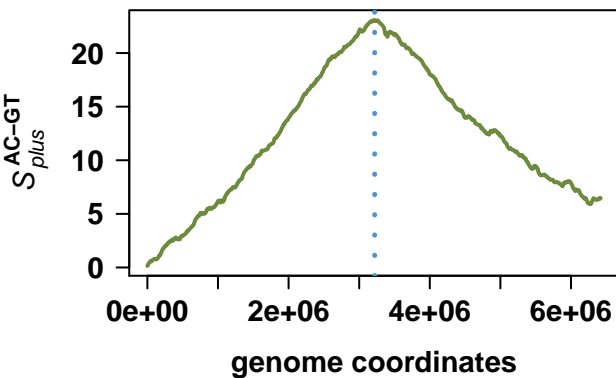
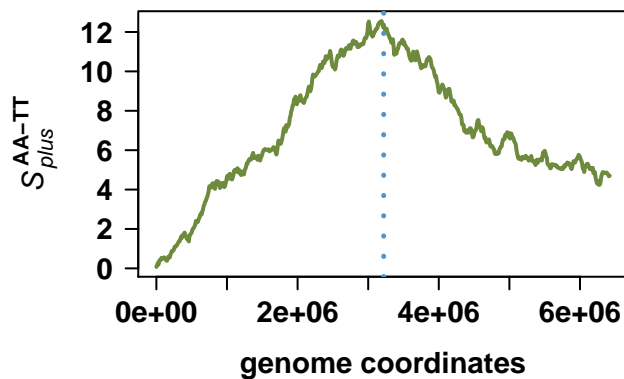
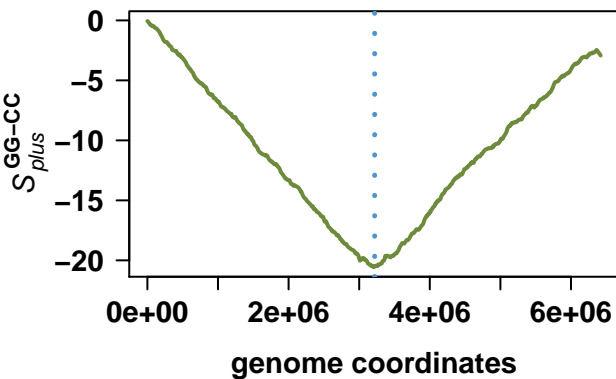
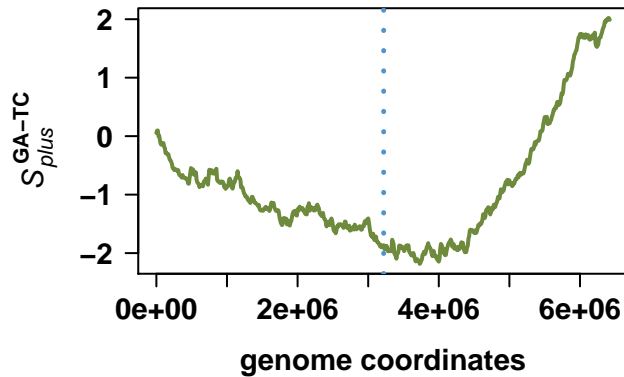
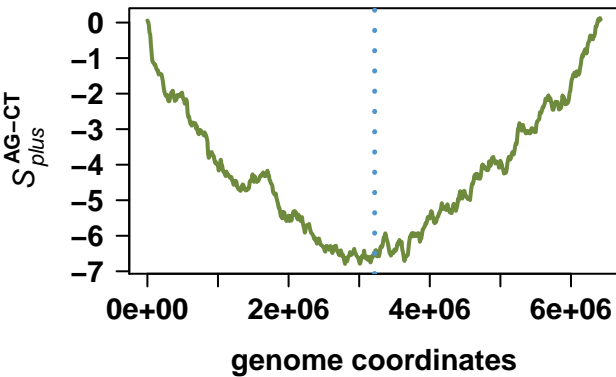
# Pseudoalteromonas haloplanktis TAC125



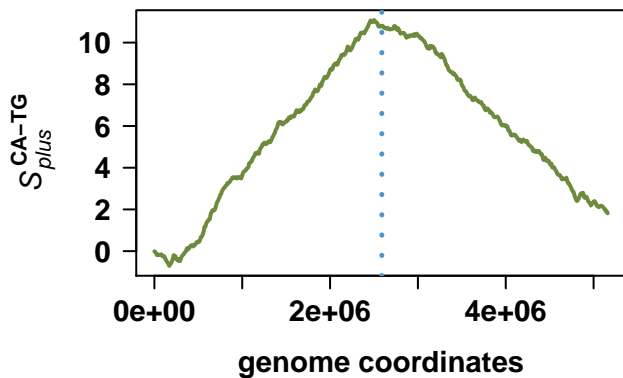
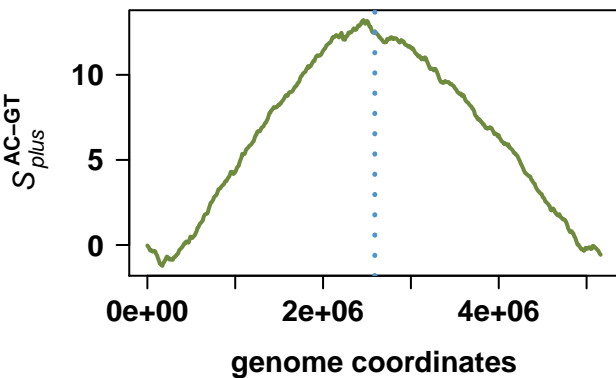
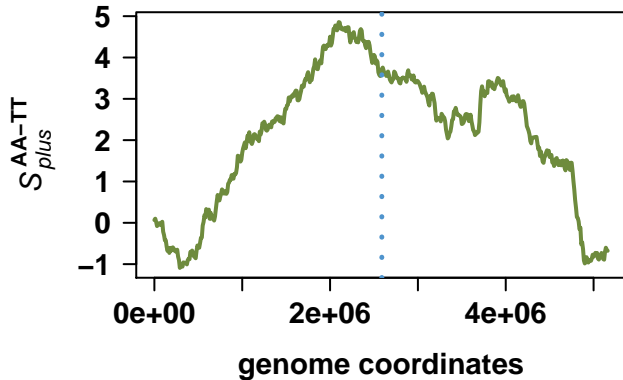
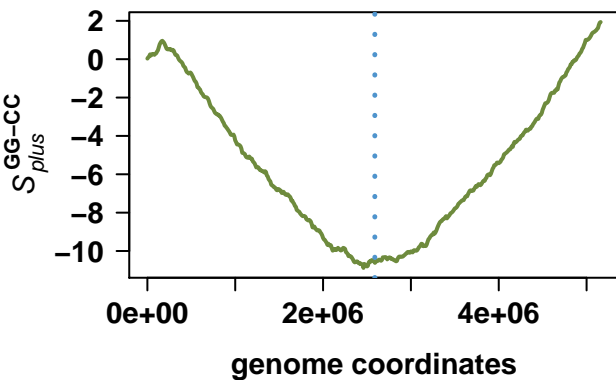
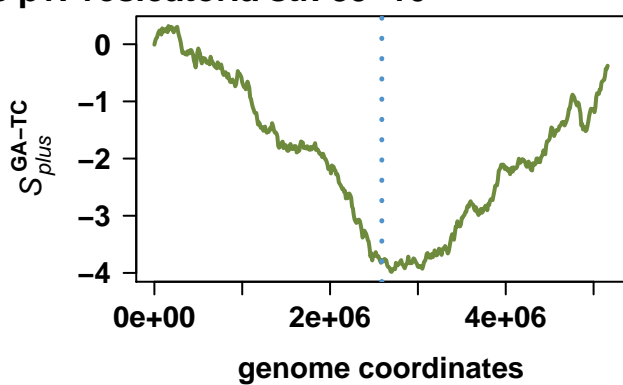
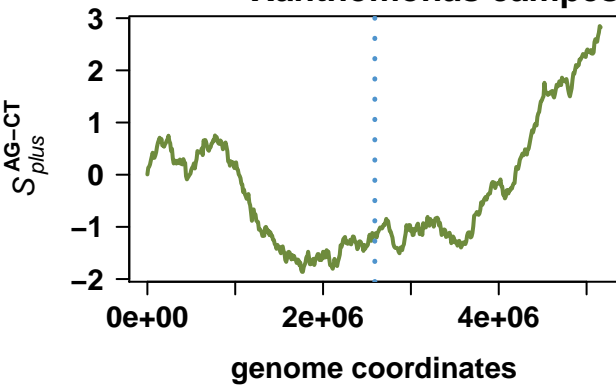
# Nitrosococcus oceani ATCC 19707



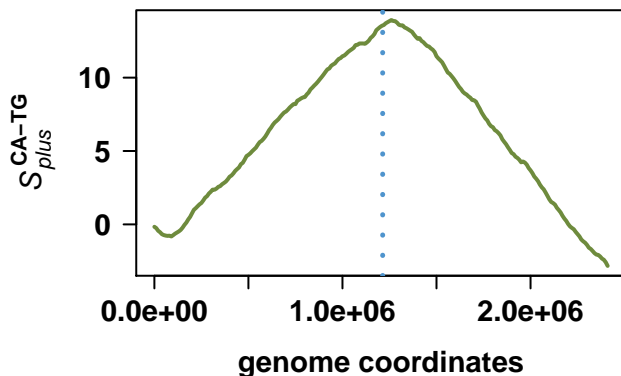
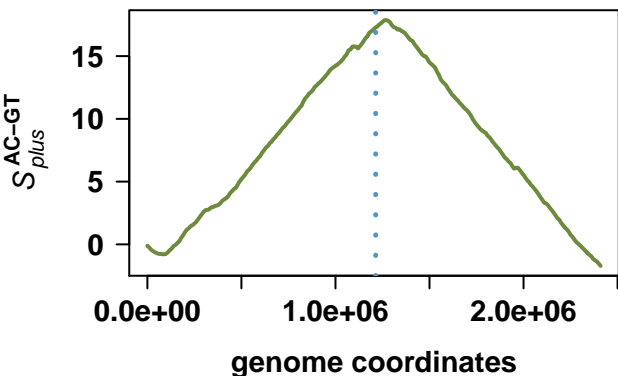
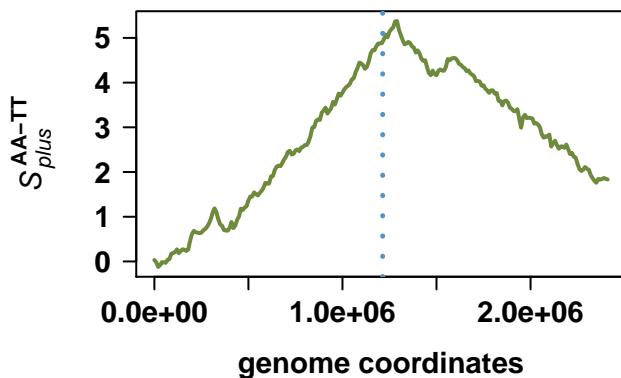
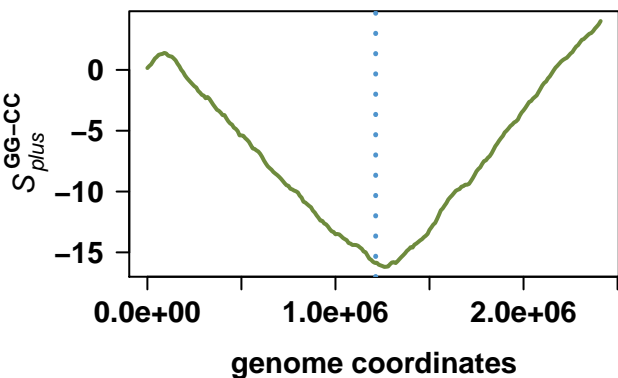
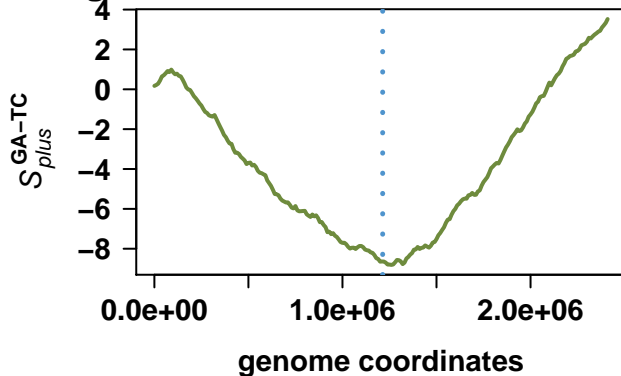
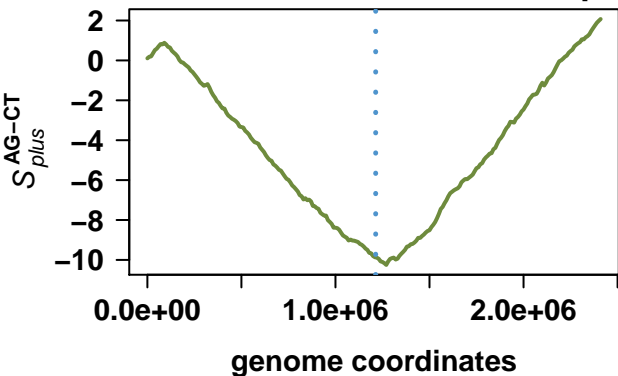
# *Pseudomonas fluorescens* Pf0-1



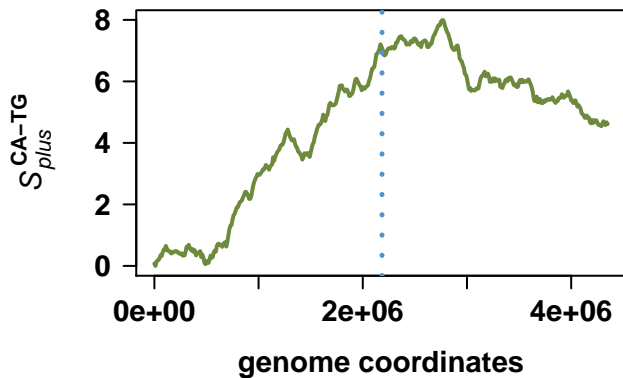
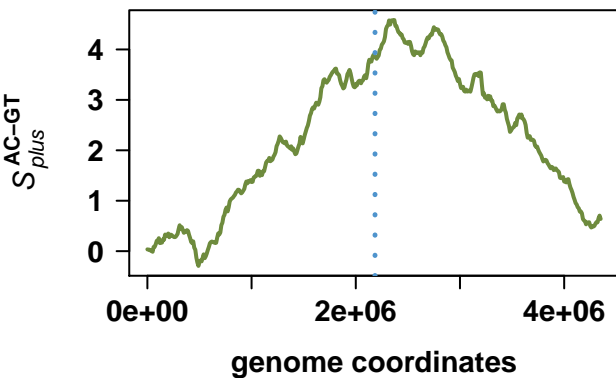
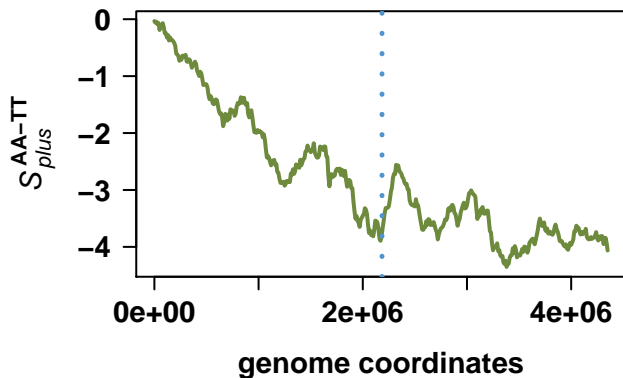
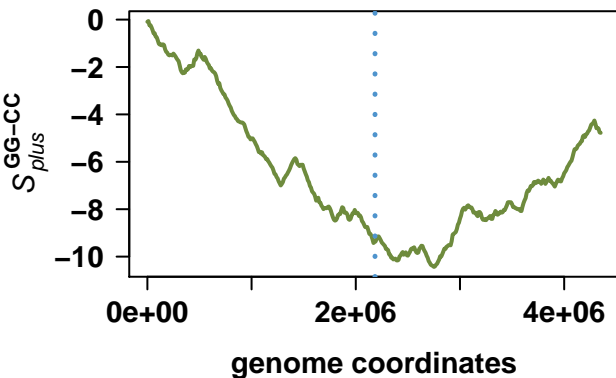
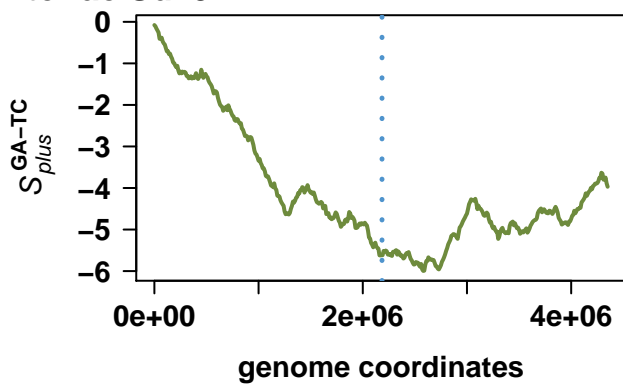
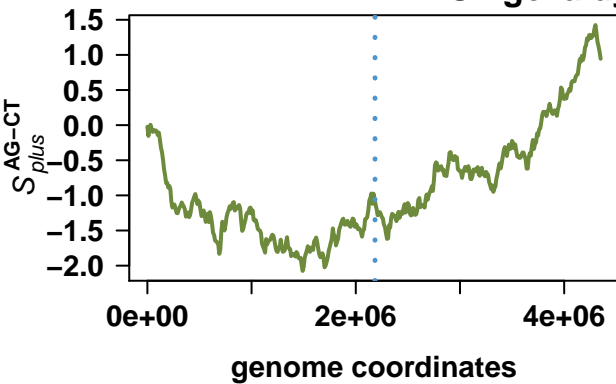
# Xanthomonas campestris pv. vesicatoria str. 85-10



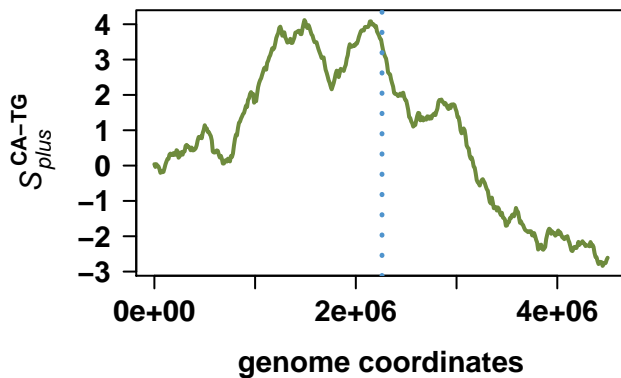
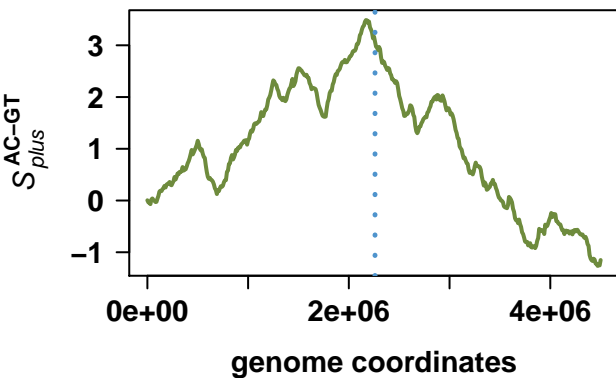
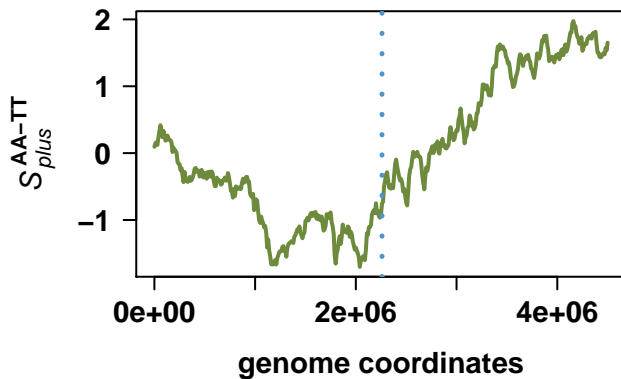
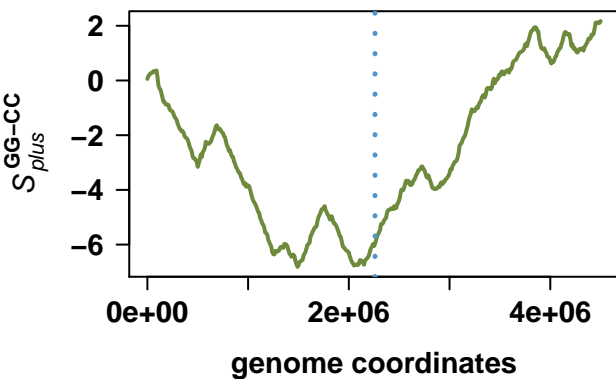
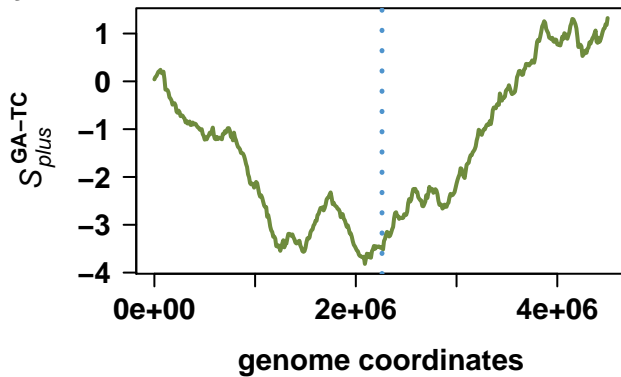
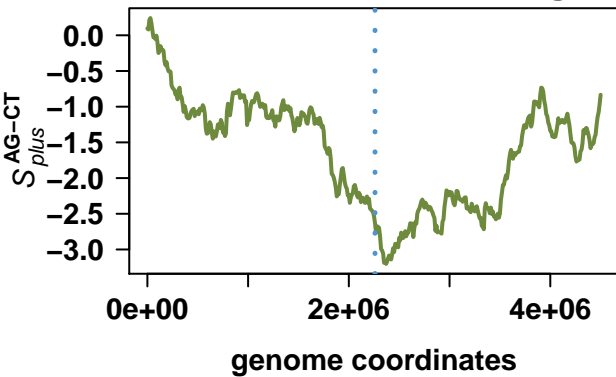
# Thiomicrospira crunogena XCL-2



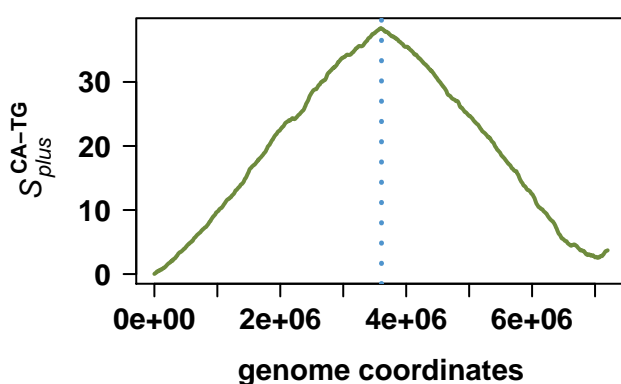
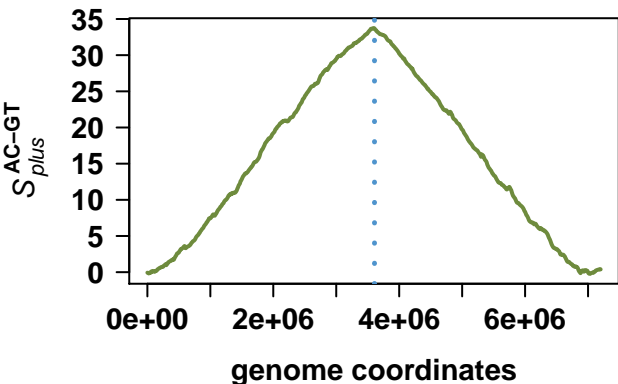
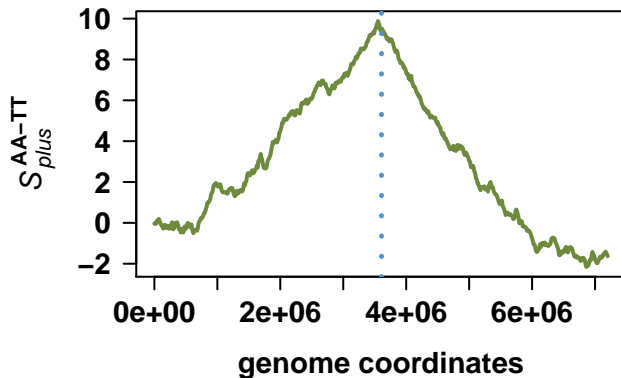
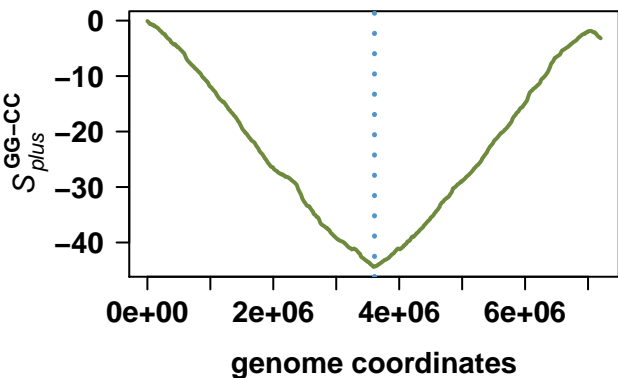
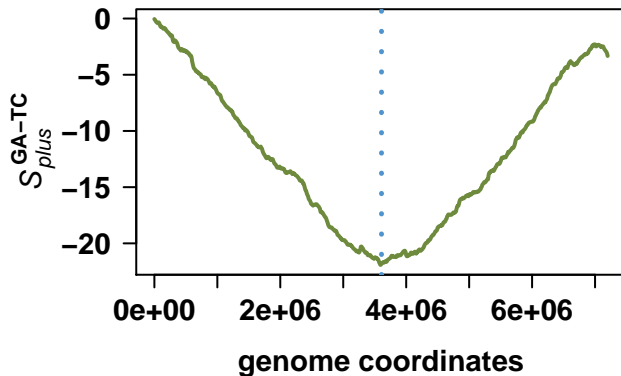
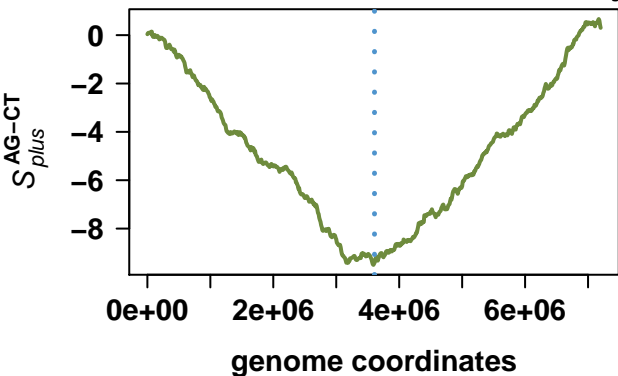
# Shigella dysenteriae Sd197



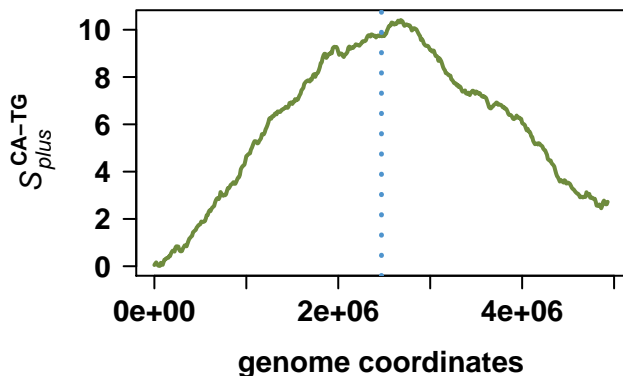
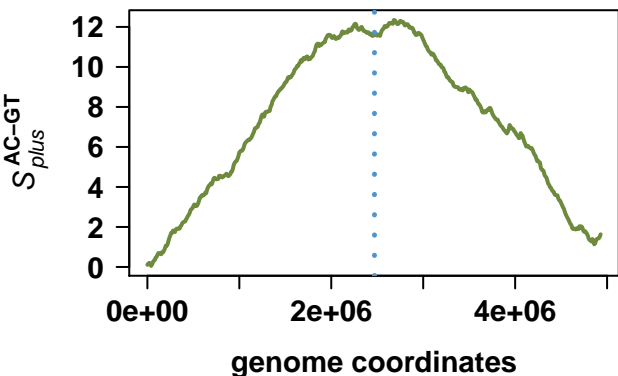
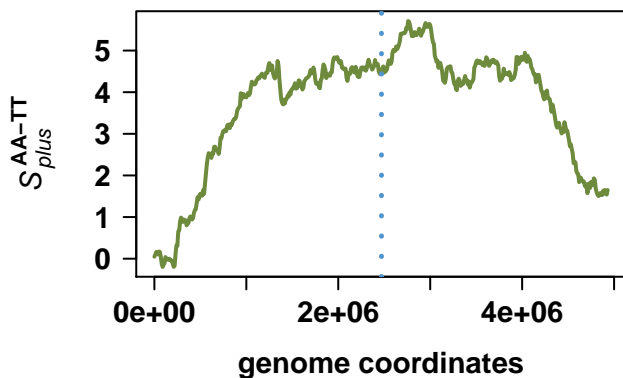
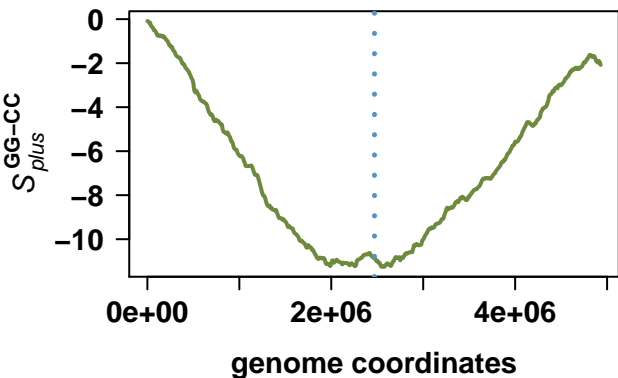
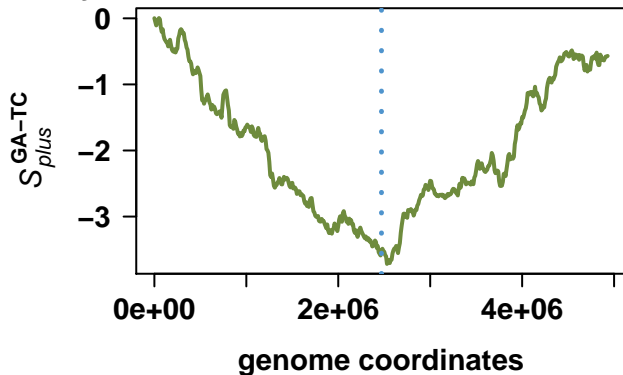
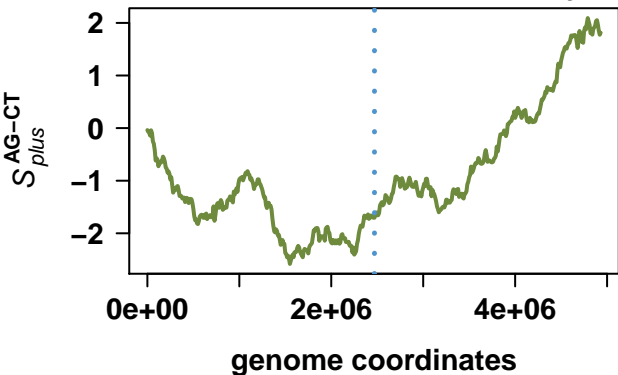
# Shigella boydii Sb227



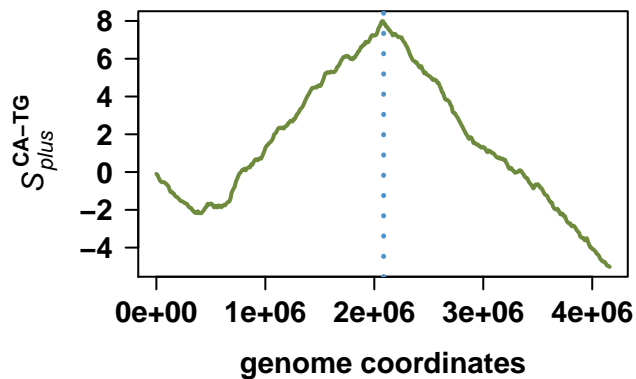
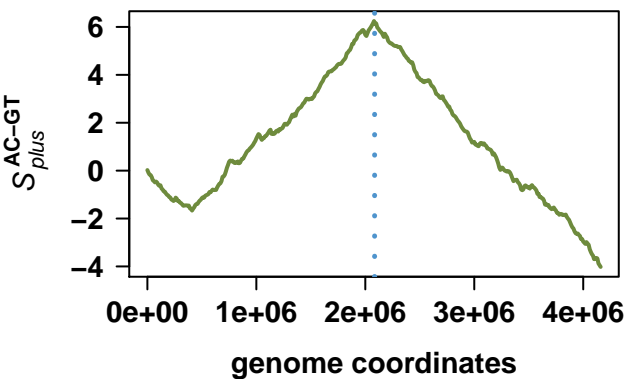
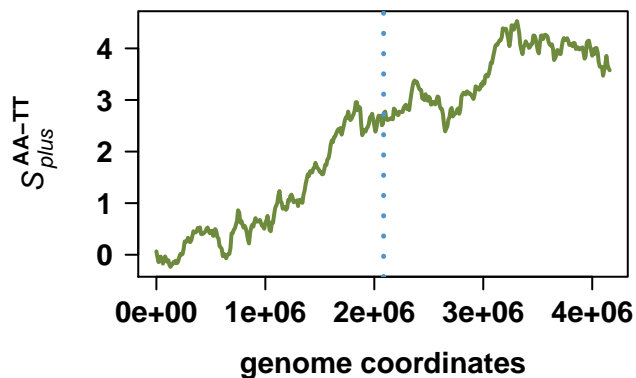
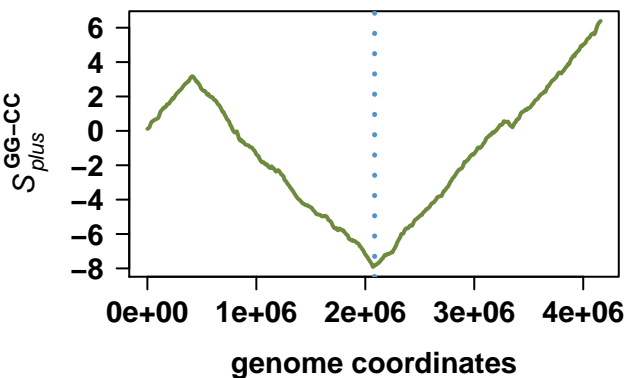
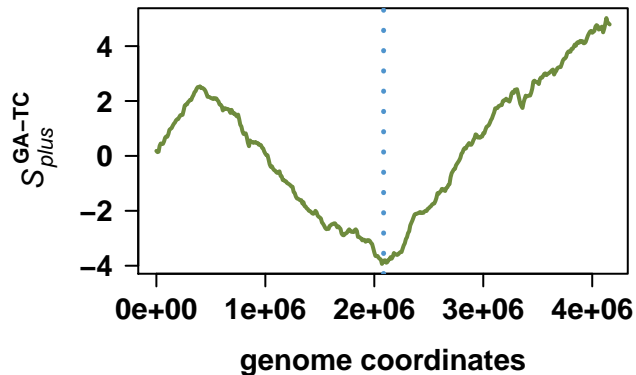
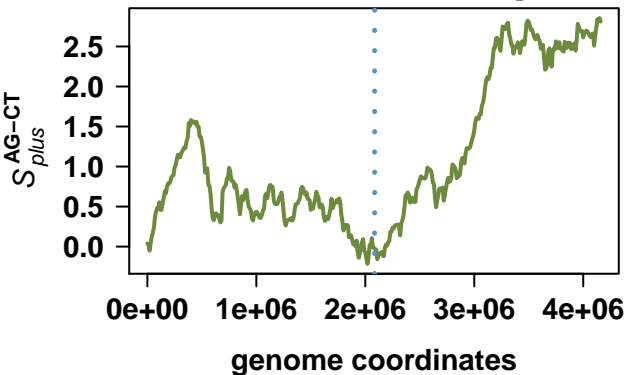
# Hahella chejuensis KCTC 2396



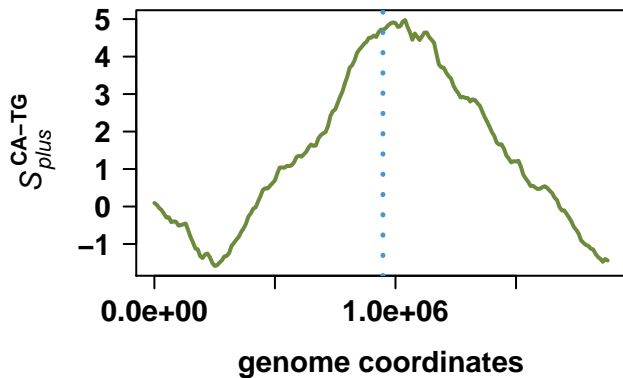
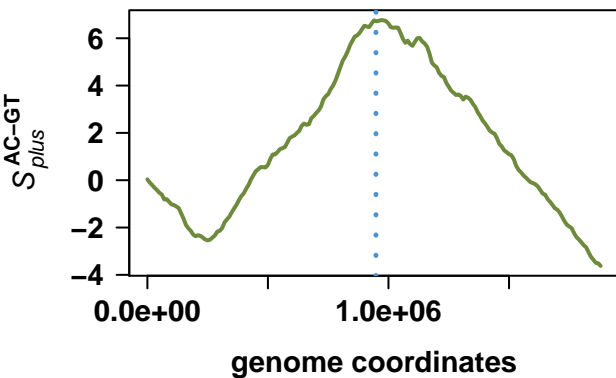
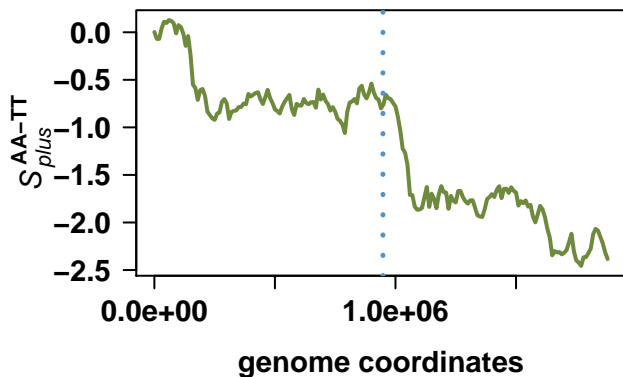
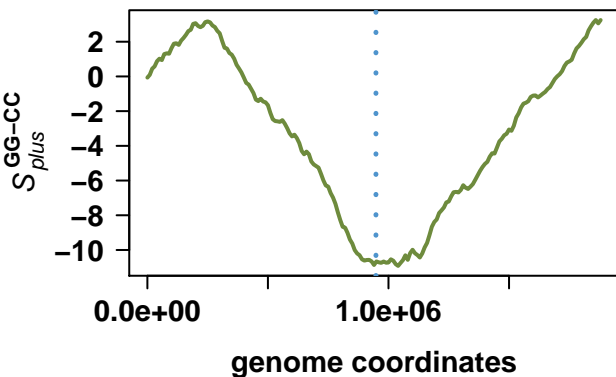
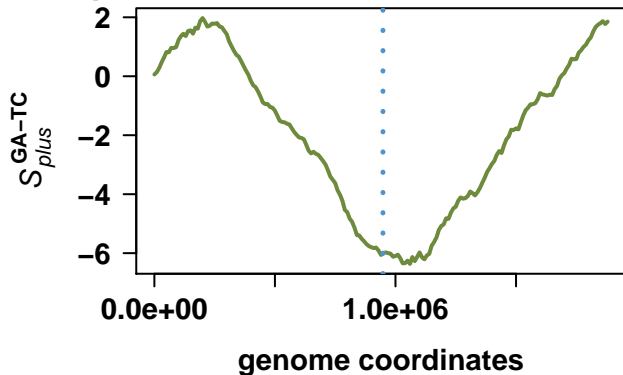
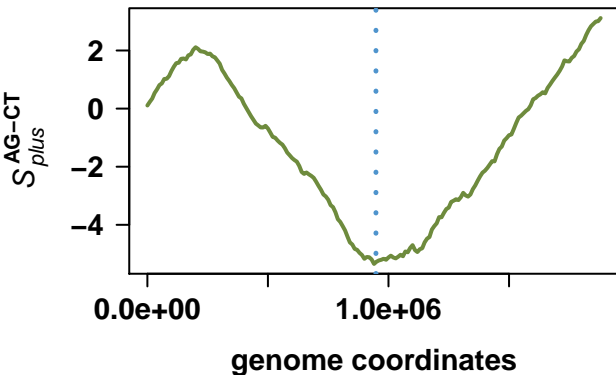
# Xanthomonas oryzae pv. oryzae MAFF 311018



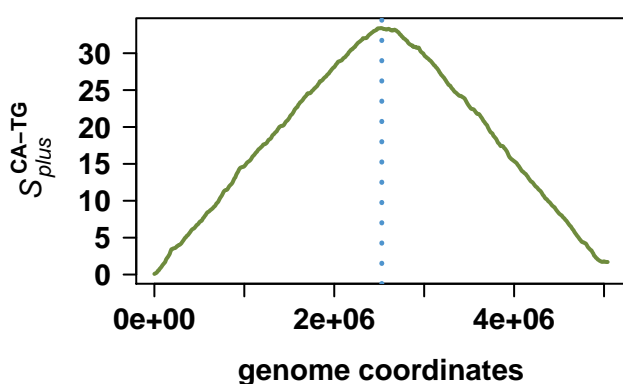
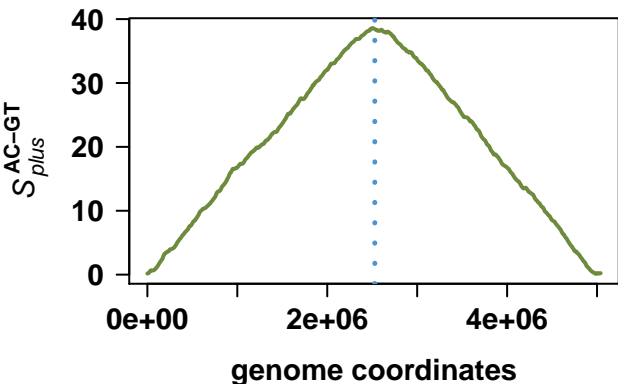
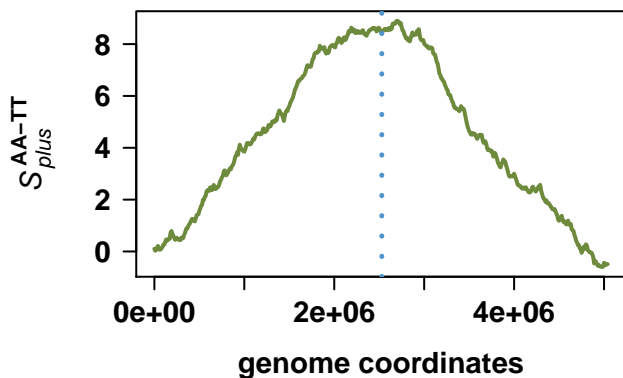
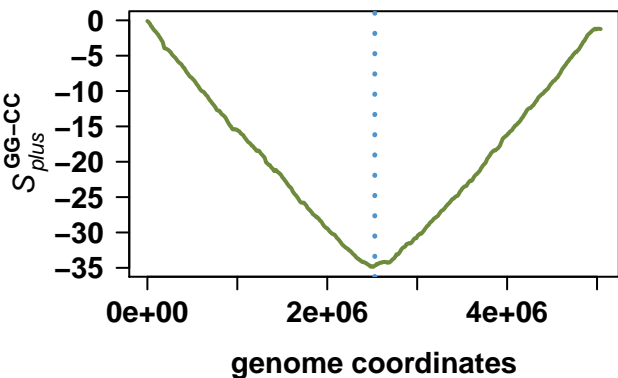
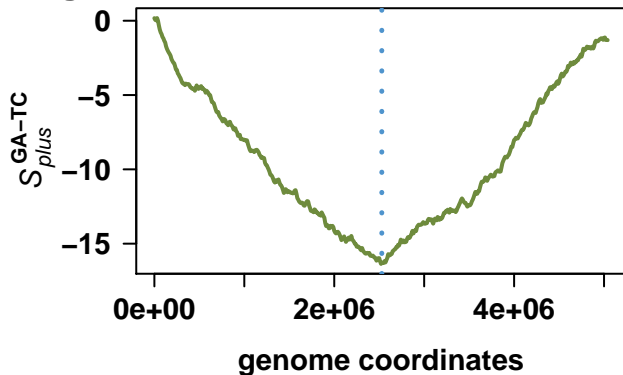
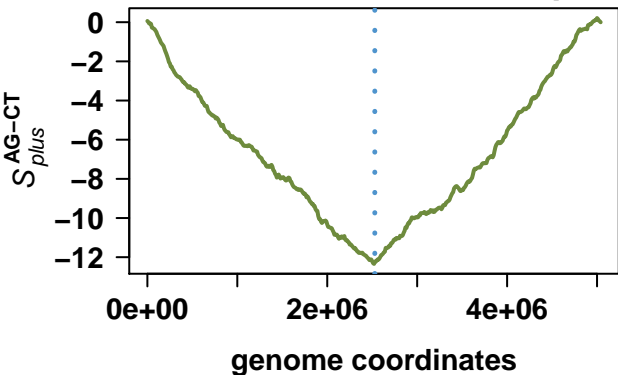
# Sodalis glossinidius str. 'morsitans'



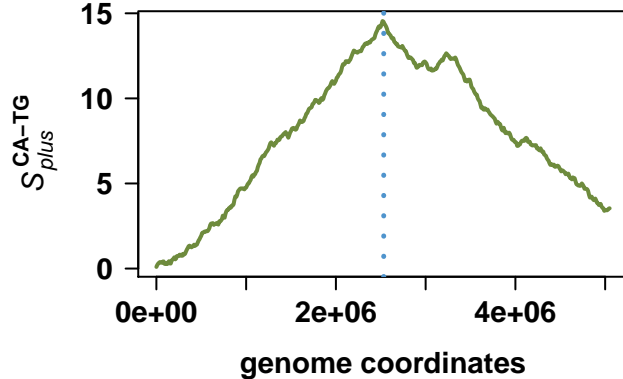
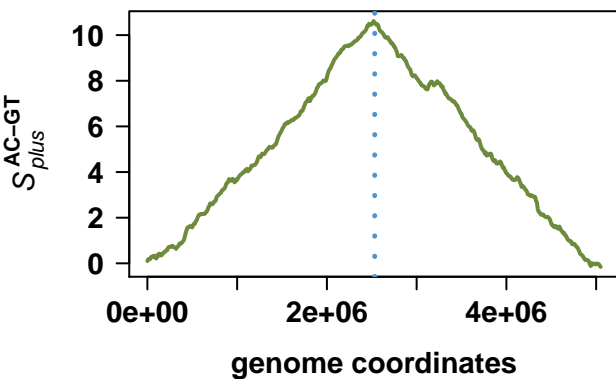
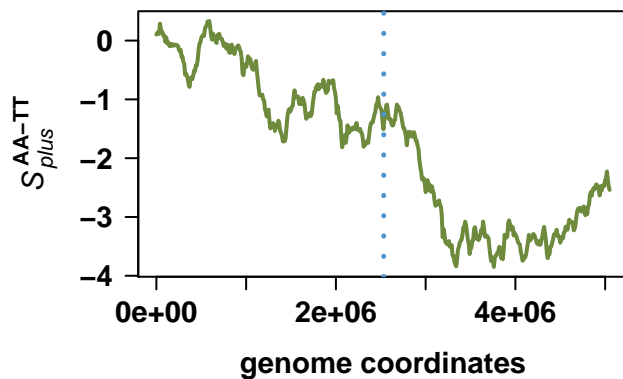
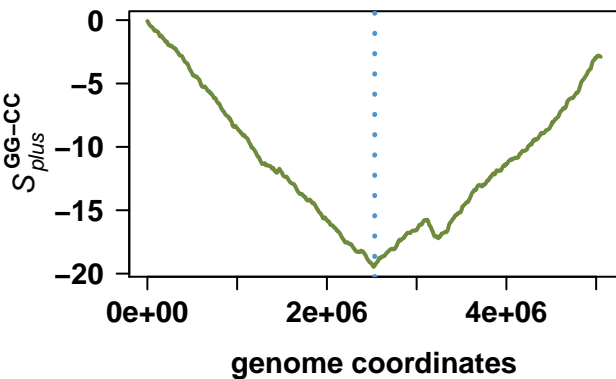
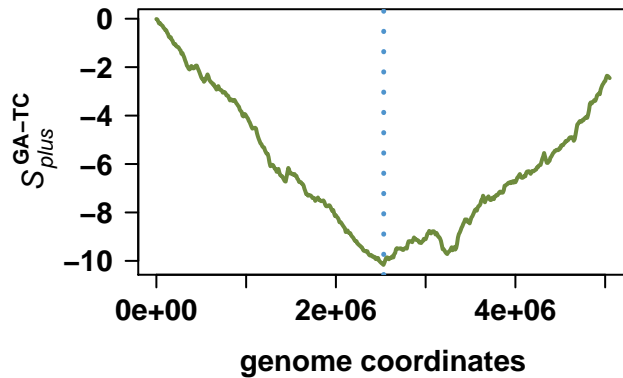
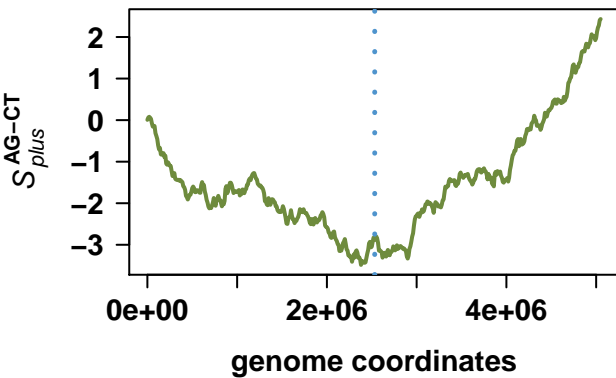
# Francisella tularensis subsp. holarctica LVS



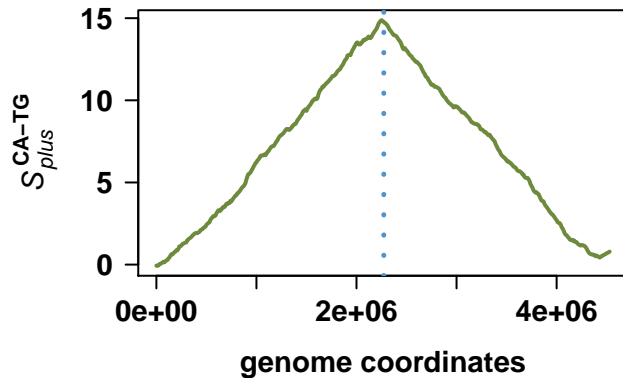
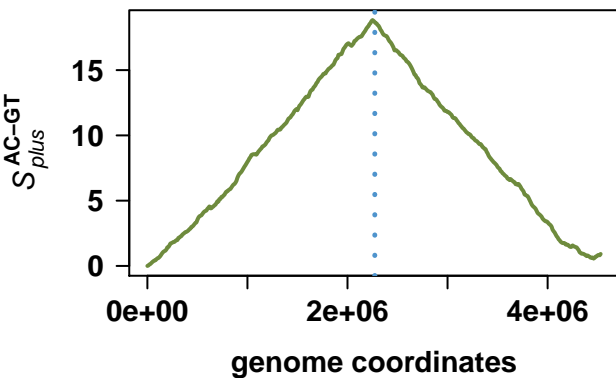
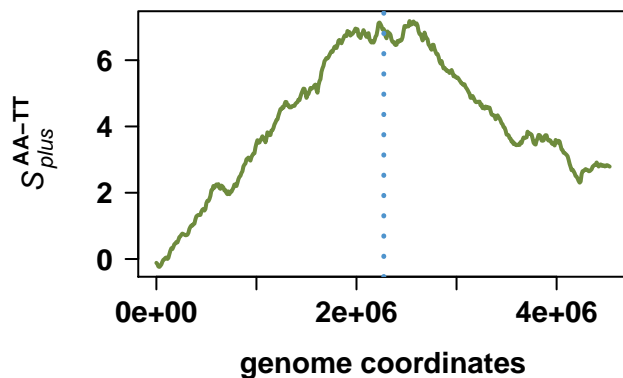
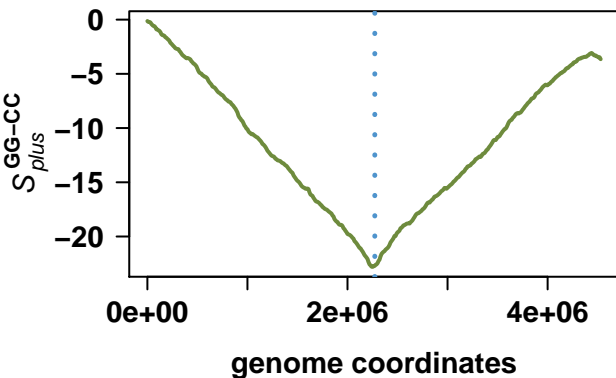
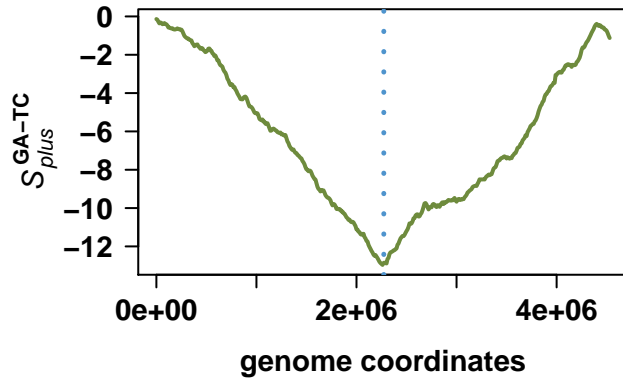
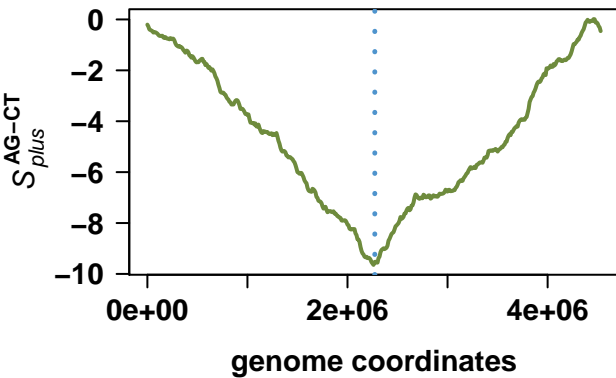
# Saccharophagus degradans 2-40



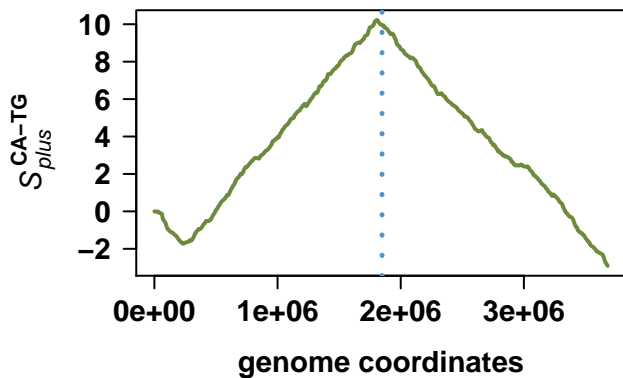
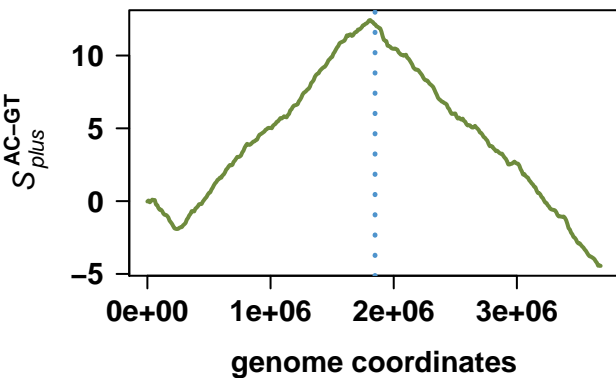
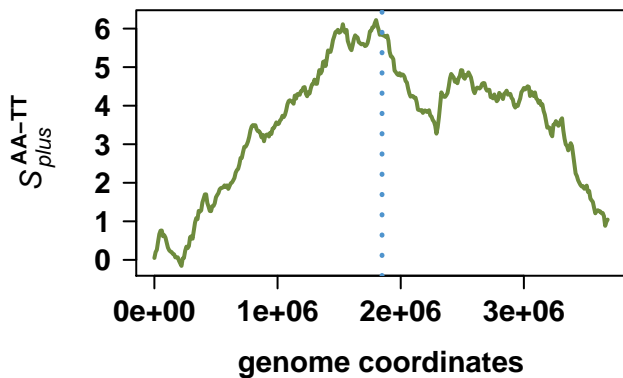
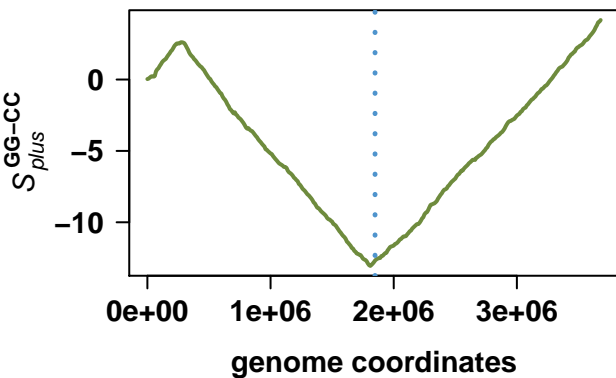
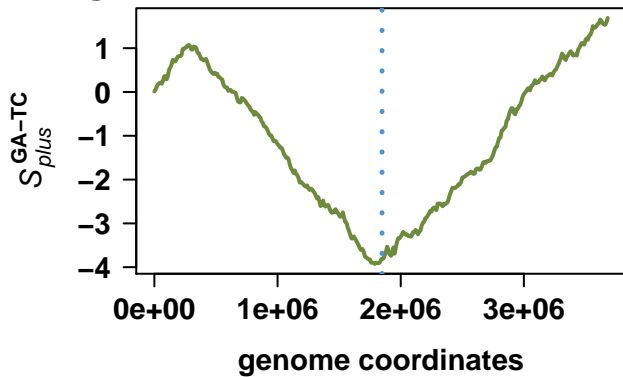
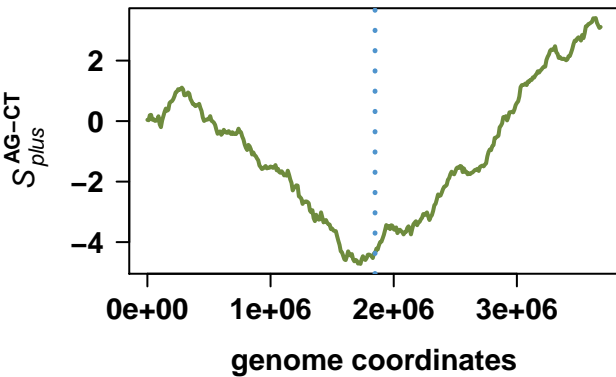
# Escherichia coli UTI89



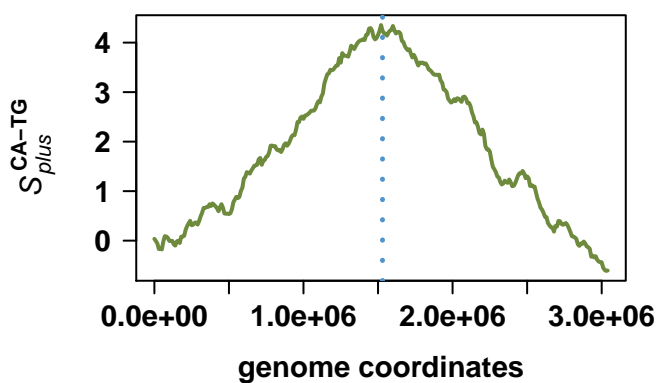
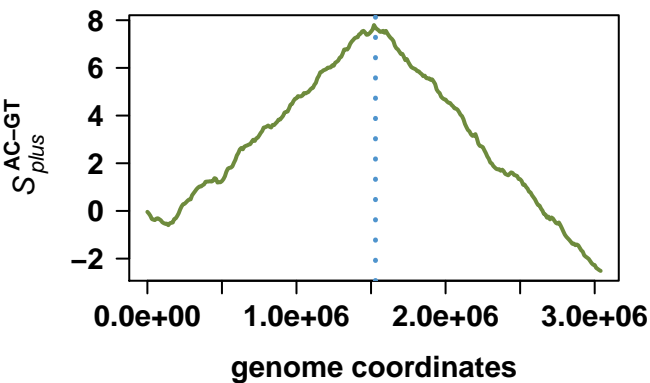
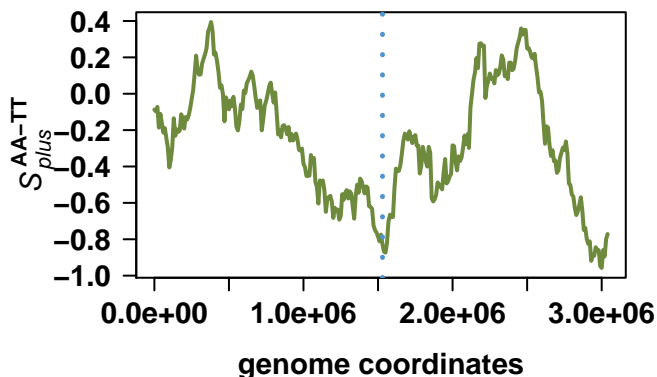
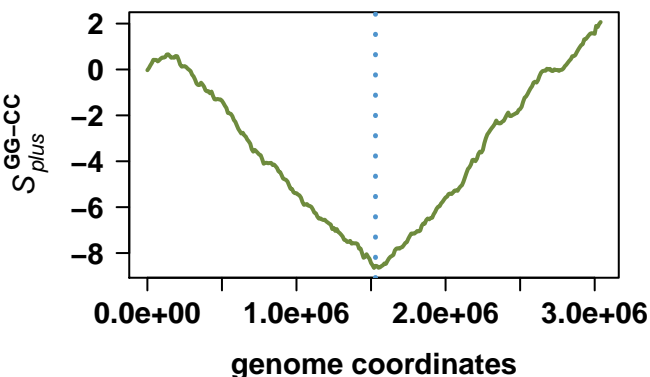
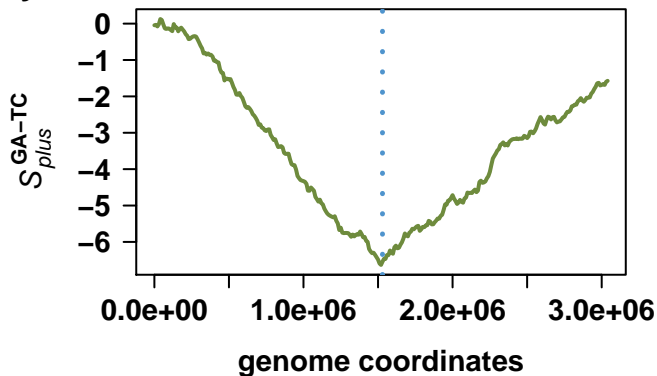
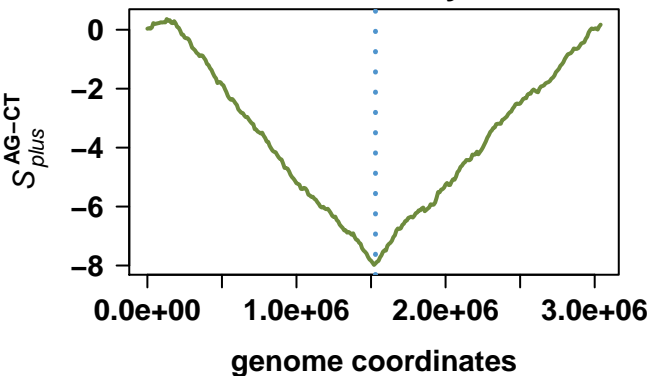
# Shewanella denitrificans OS217



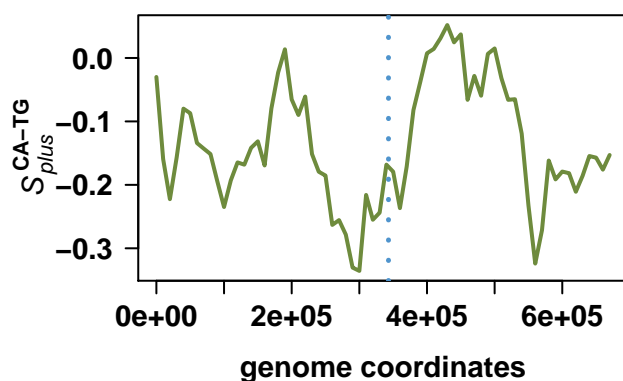
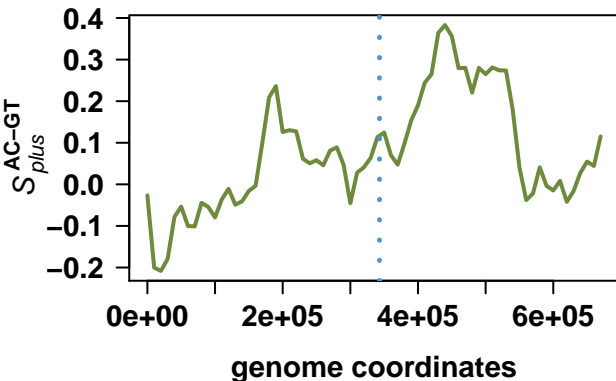
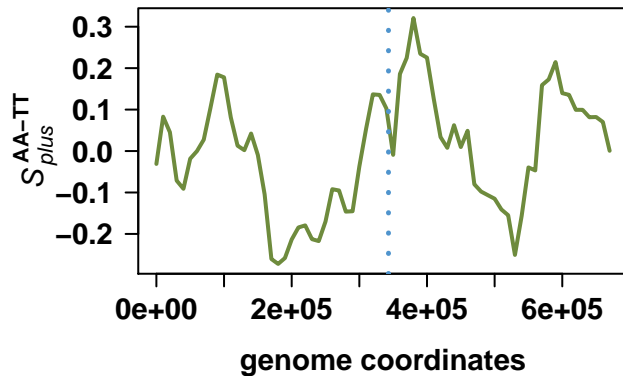
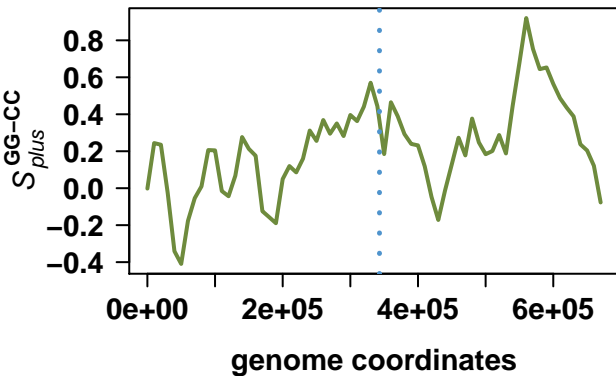
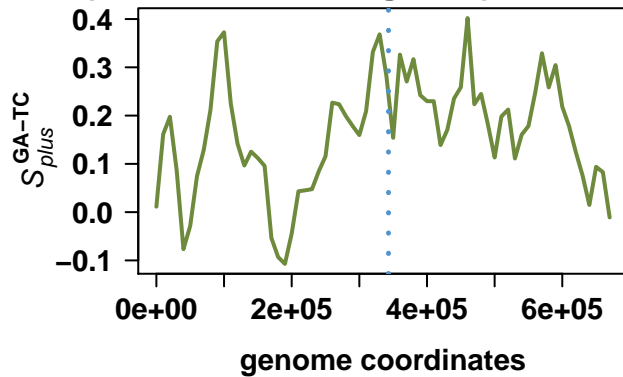
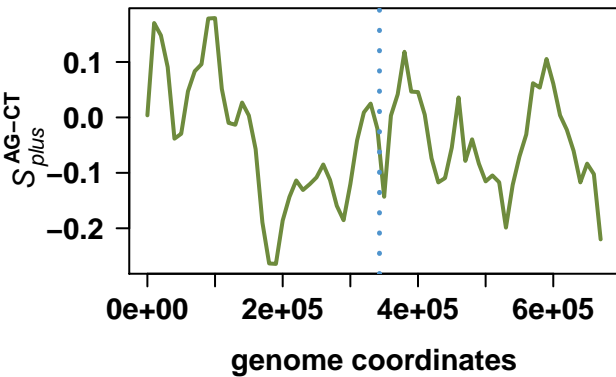
# Chromohalobacter salexigens DSM 3043



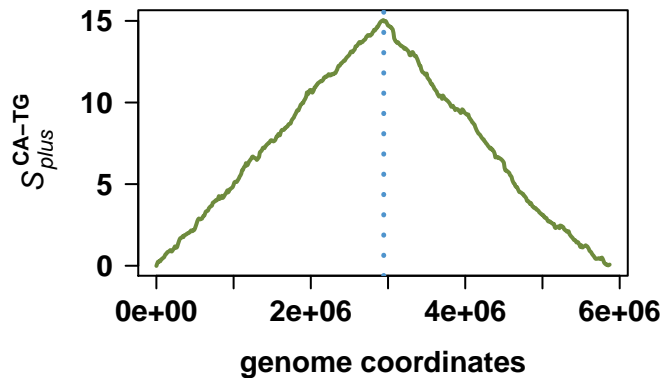
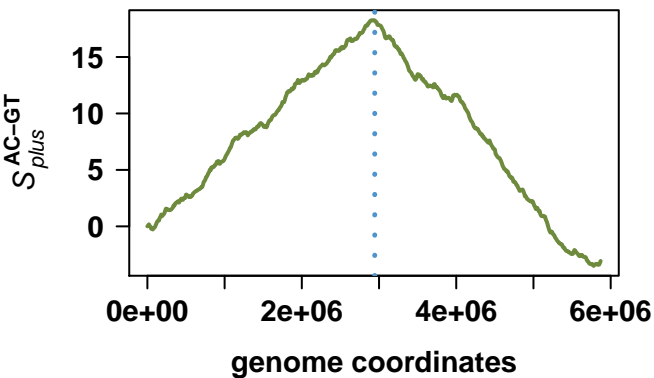
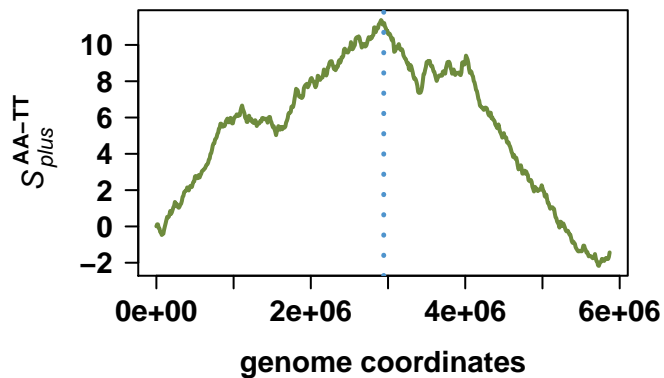
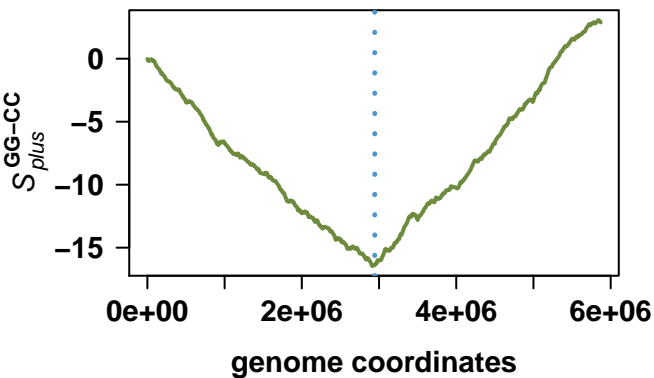
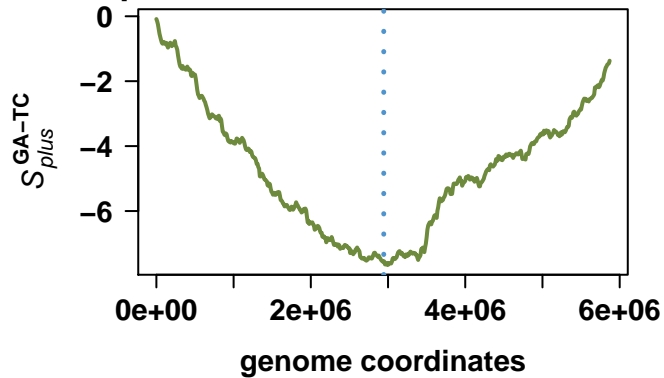
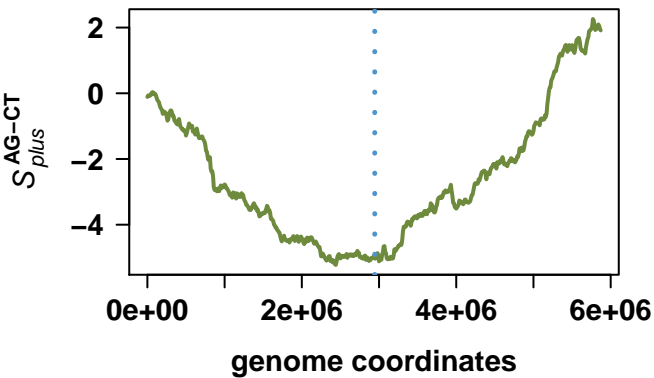
# Psychrobacter cryohalientis K5



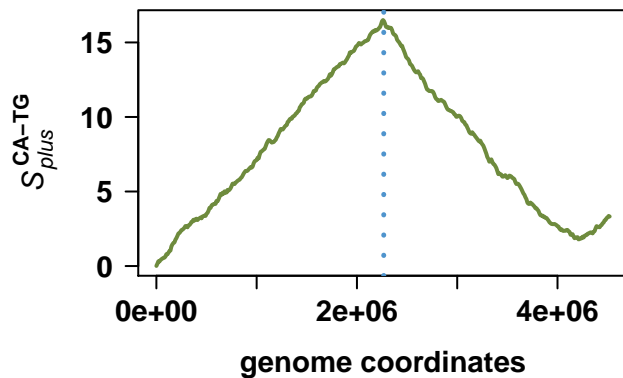
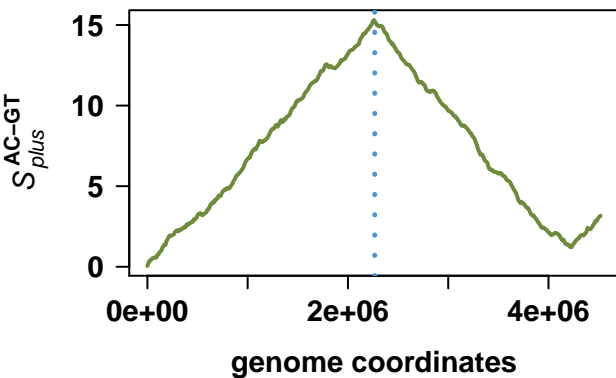
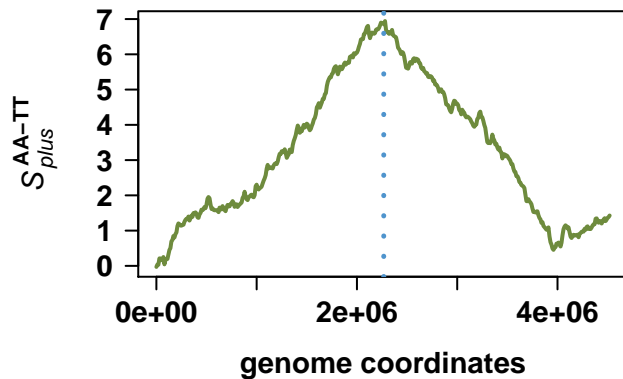
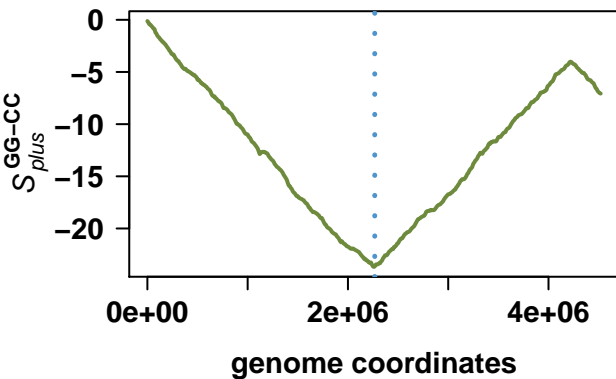
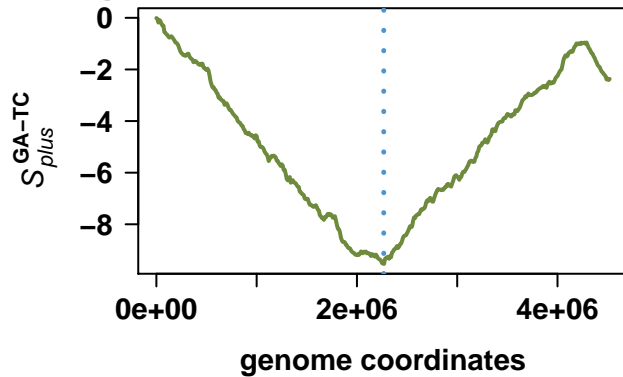
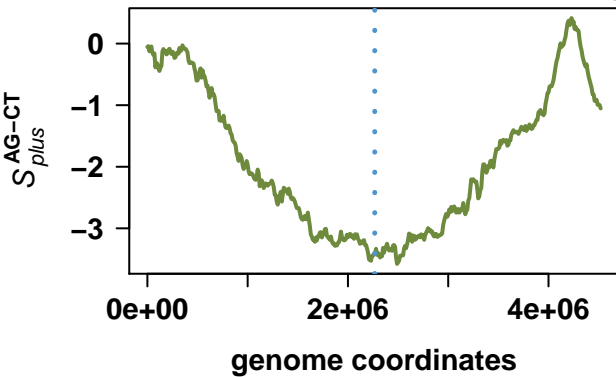
# Baumannia cicadellinicola str. Hc (Homalodisca coagulata)



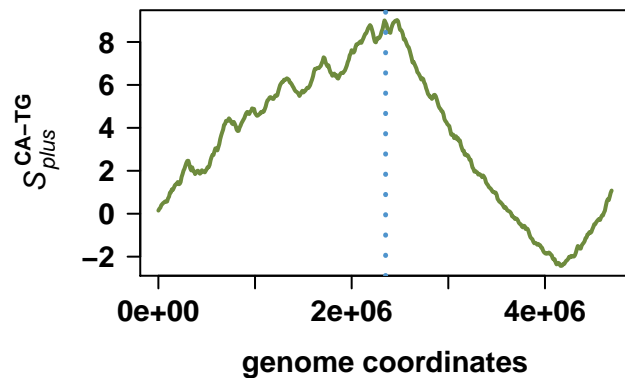
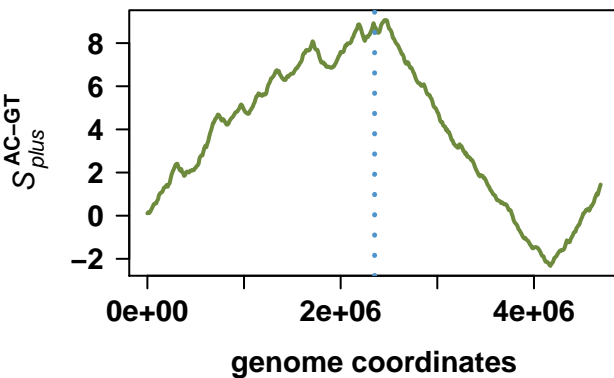
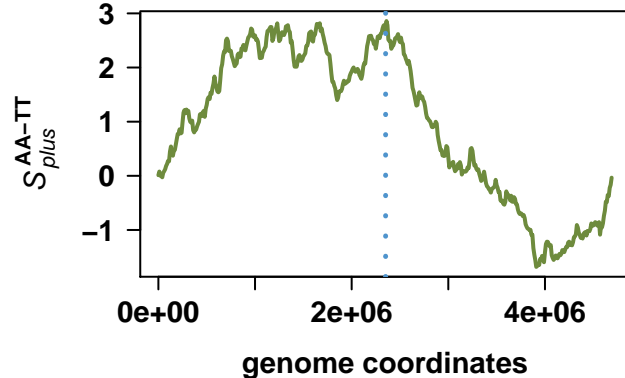
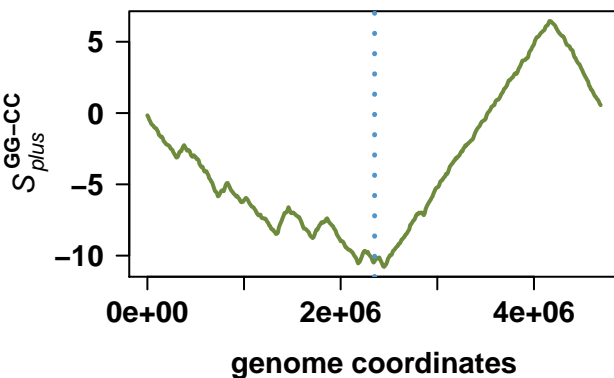
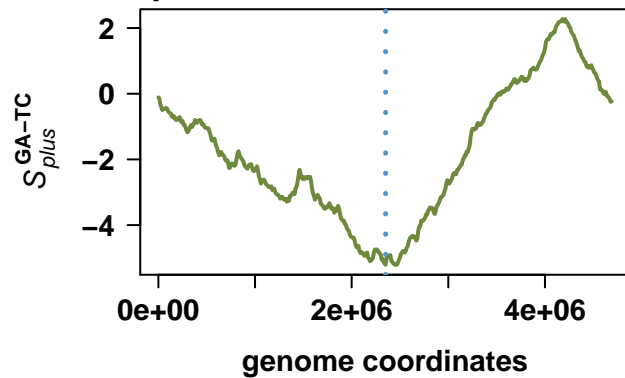
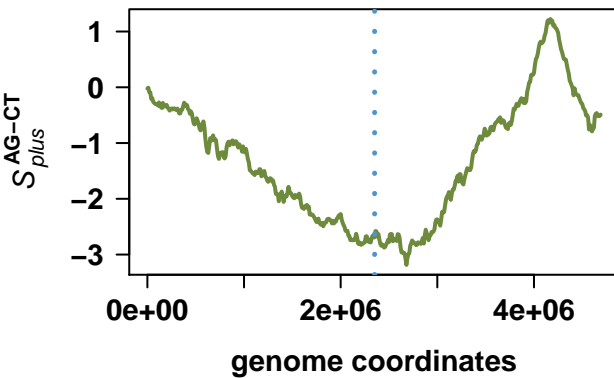
# *Pseudomonas entomophila* L48



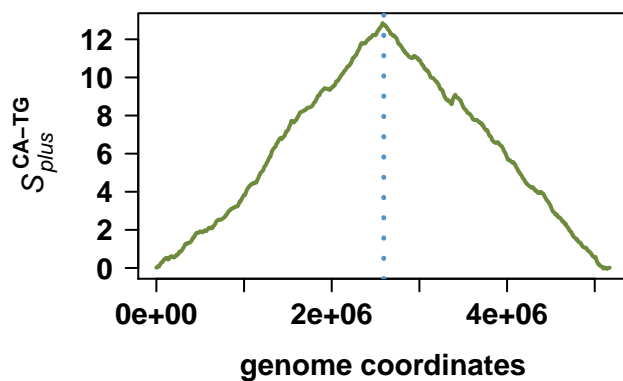
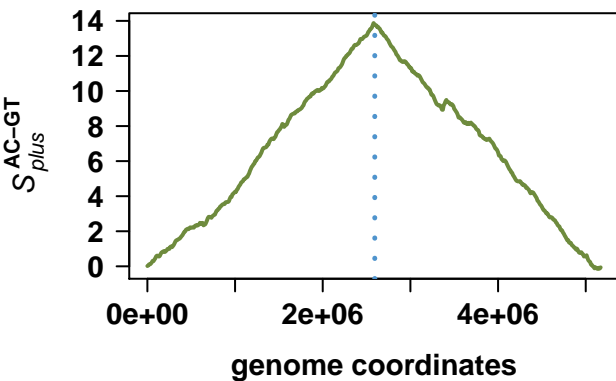
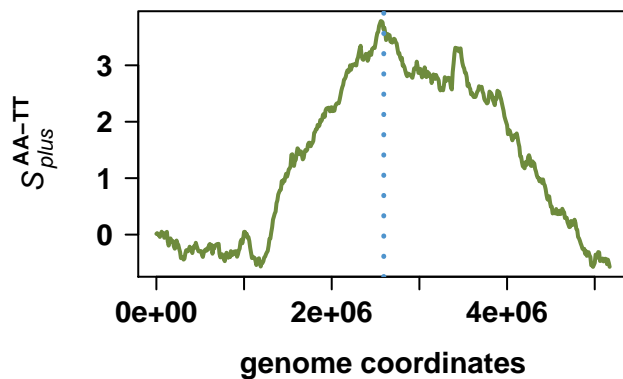
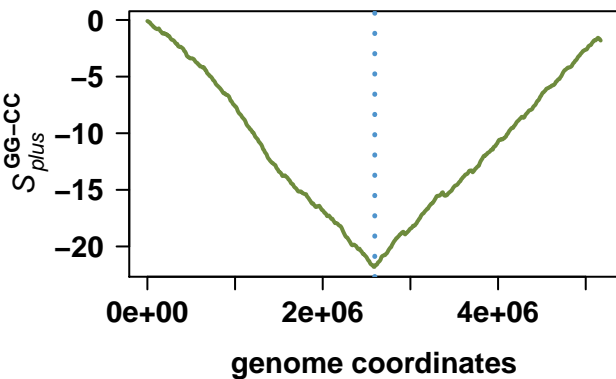
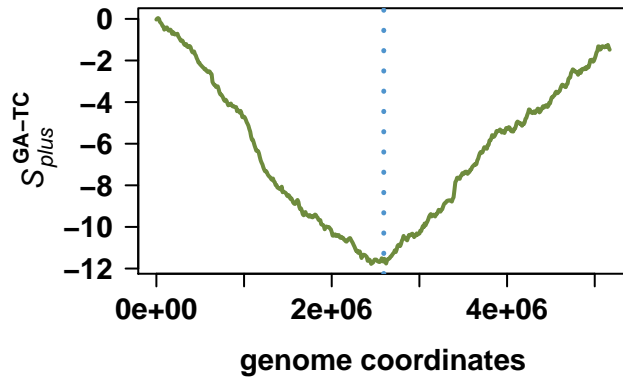
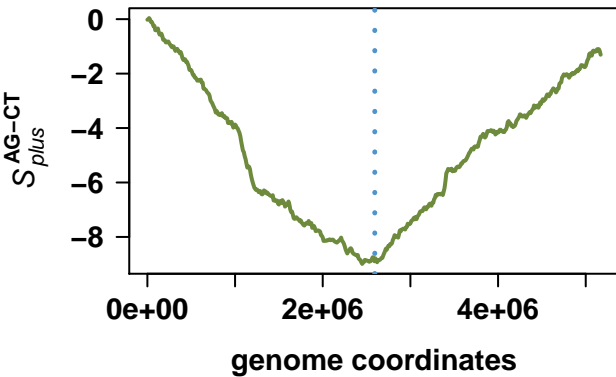
# Yersinia pestis Nepal516



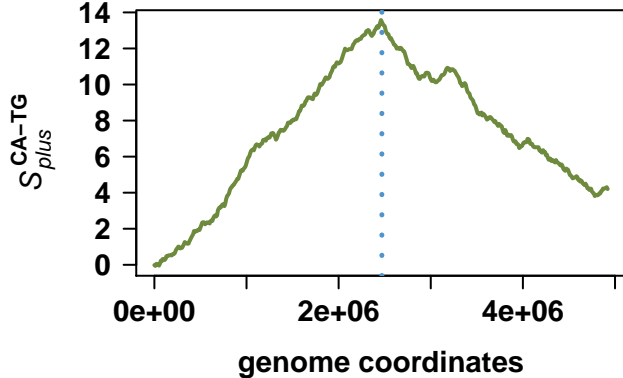
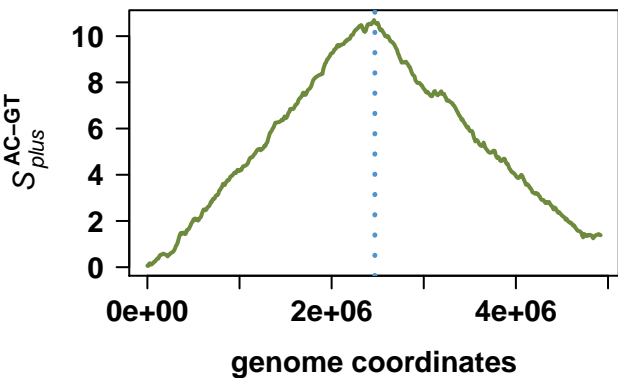
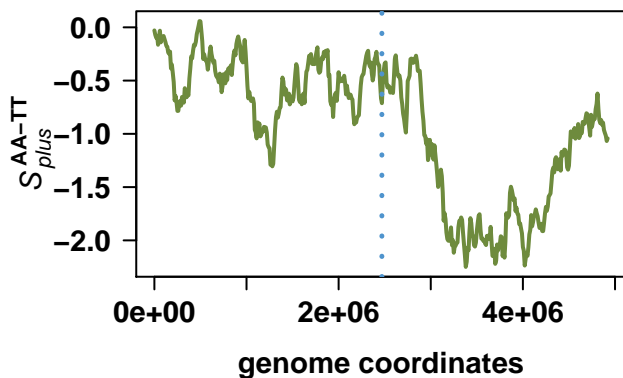
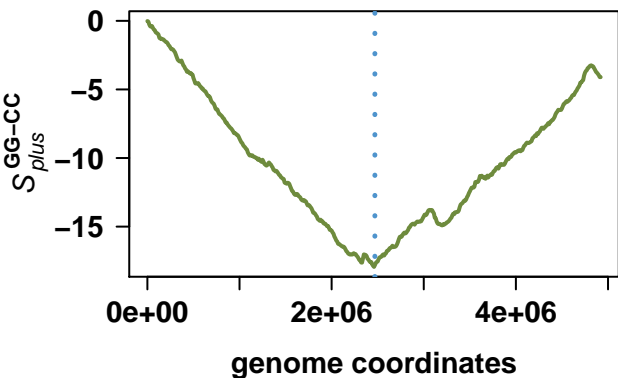
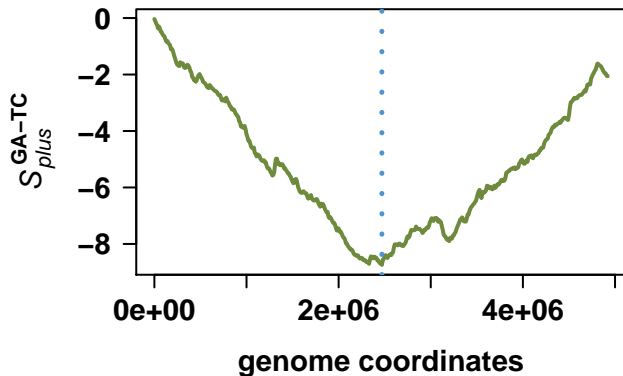
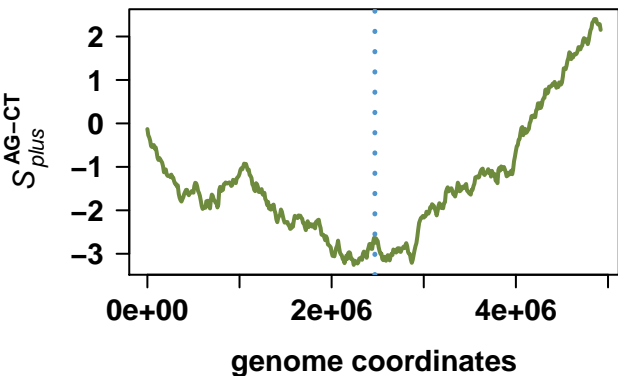
# Yersinia pestis Antiqua



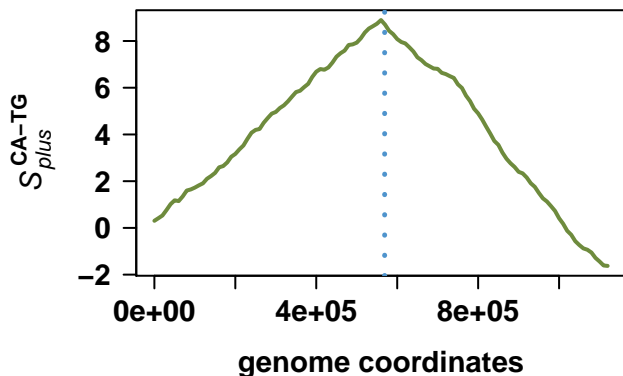
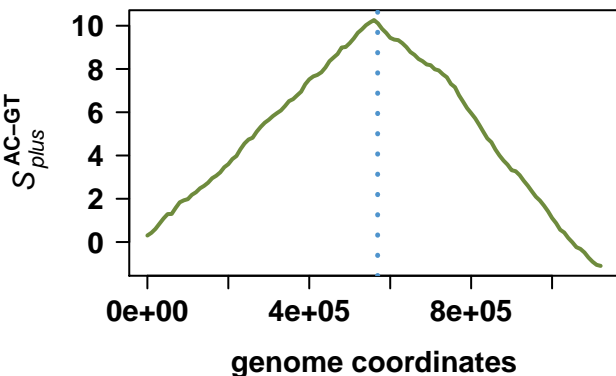
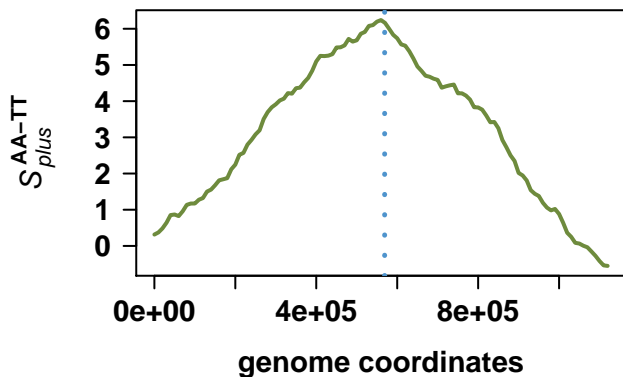
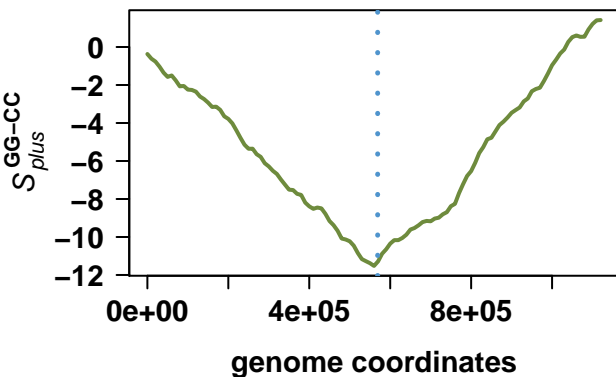
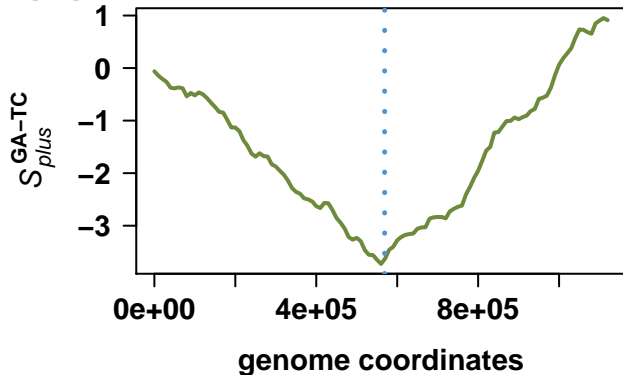
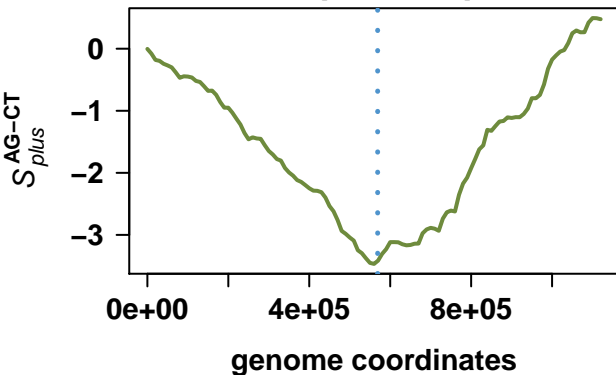
# Pseudoalteromonas atlantica T6c



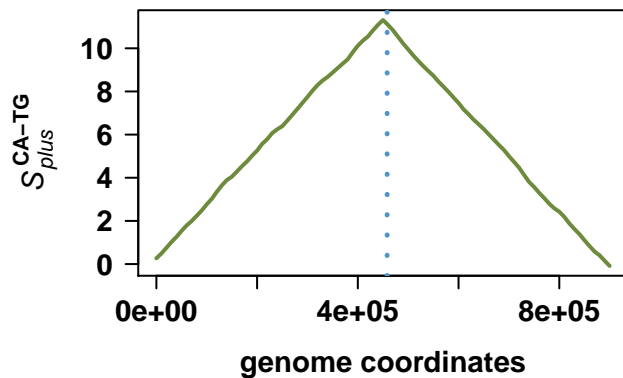
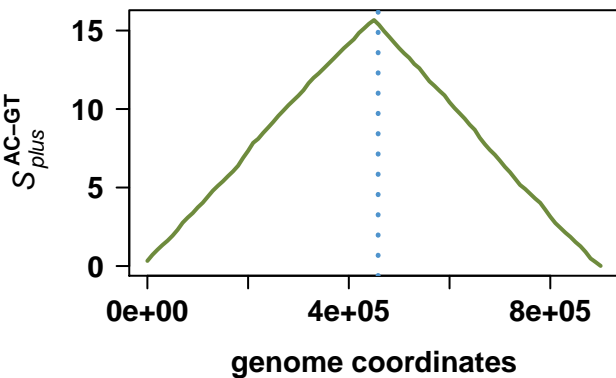
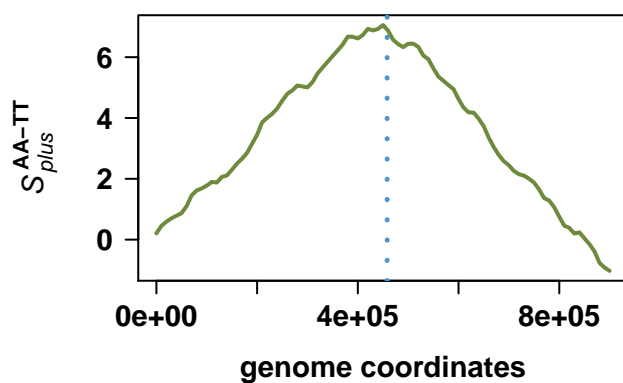
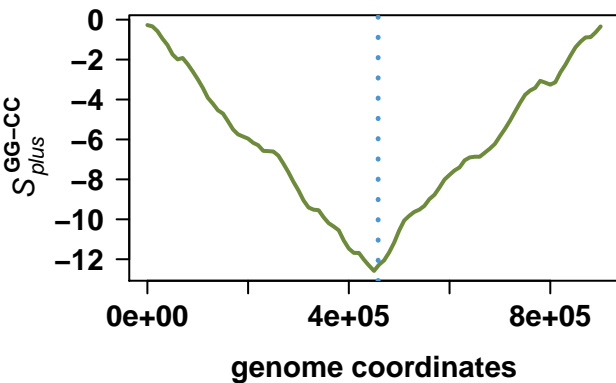
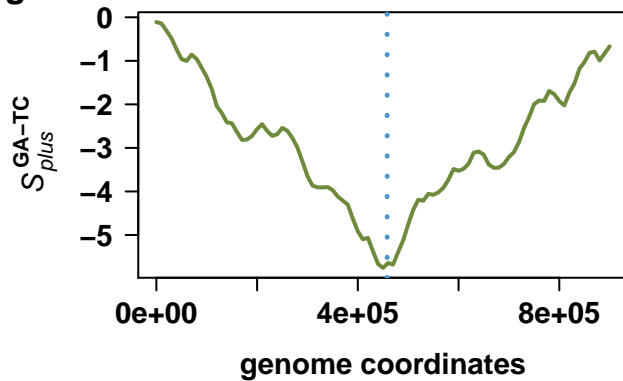
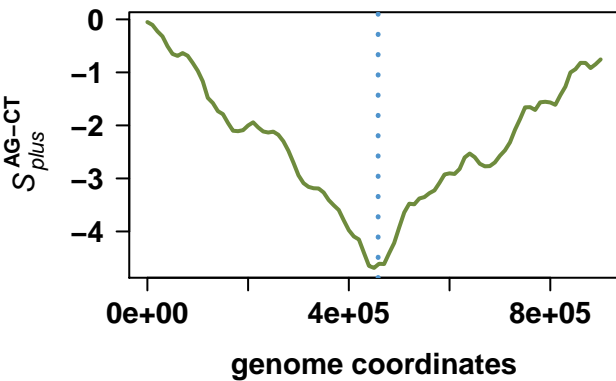
# Escherichia coli 536



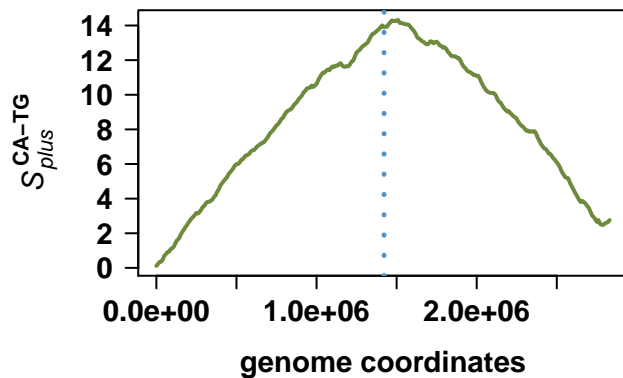
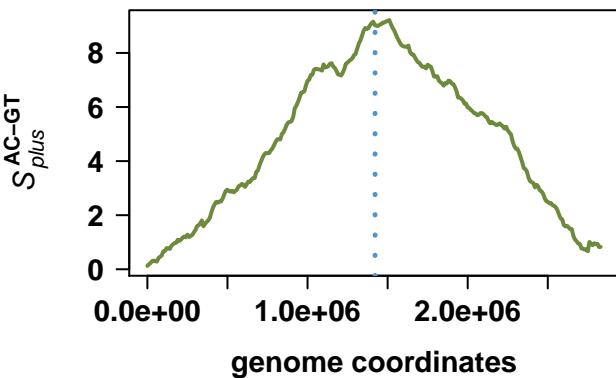
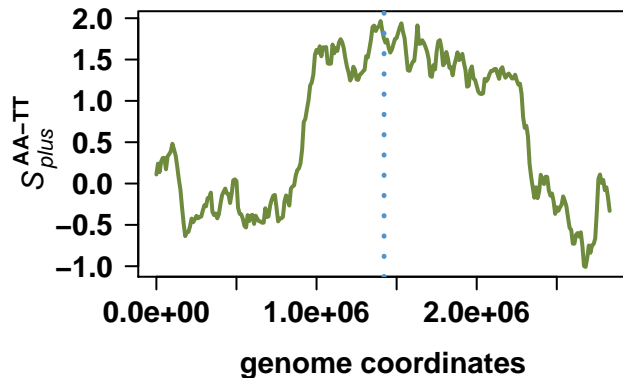
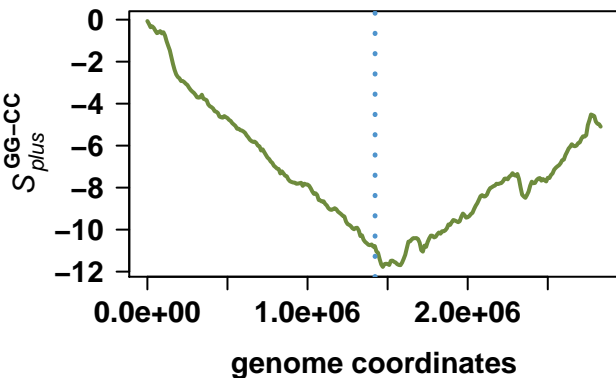
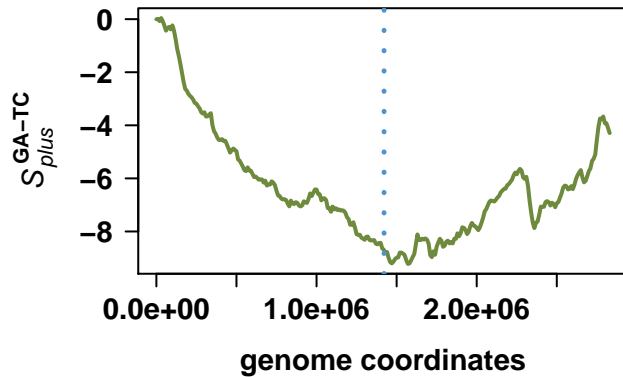
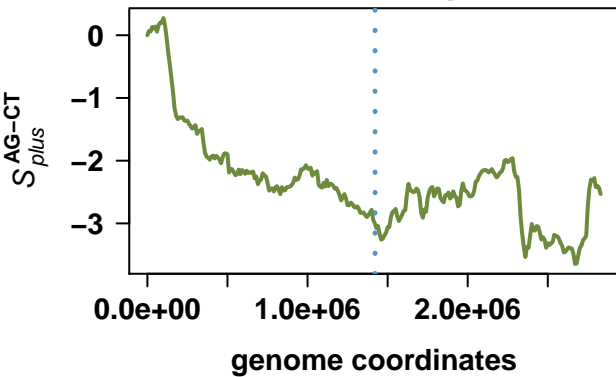
# Treponema pallidum subsp. pallidum str. Nichols



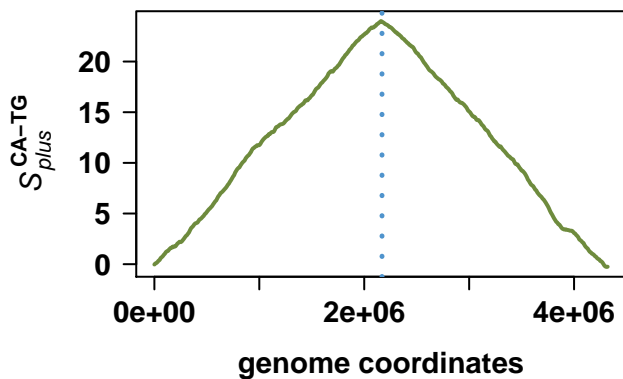
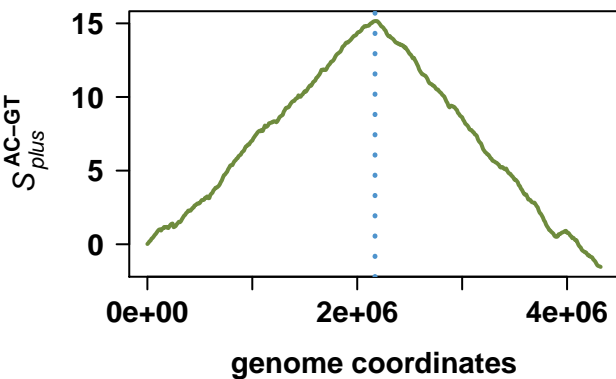
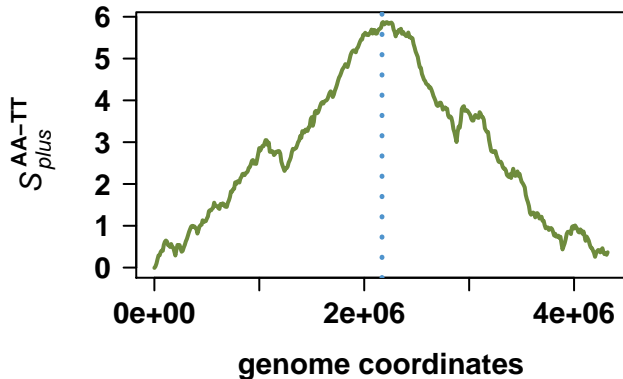
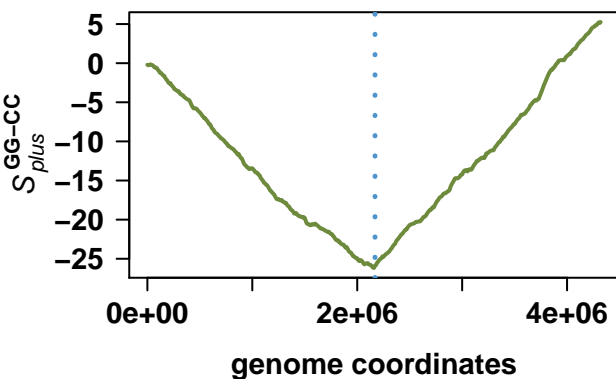
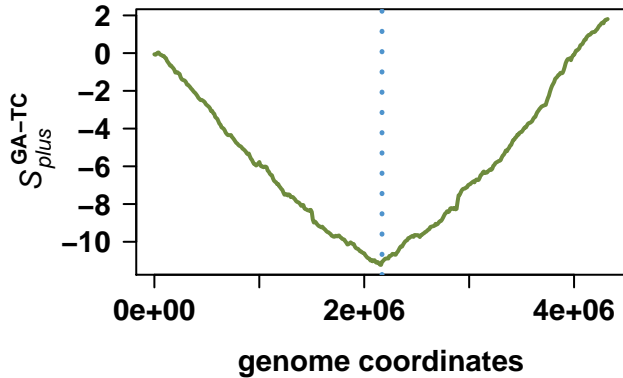
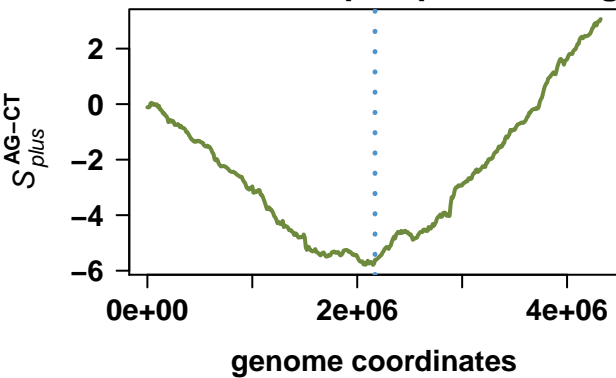
# Borrelia burgdorferi B31



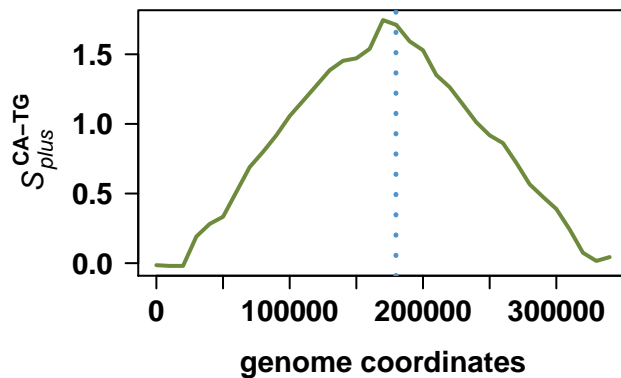
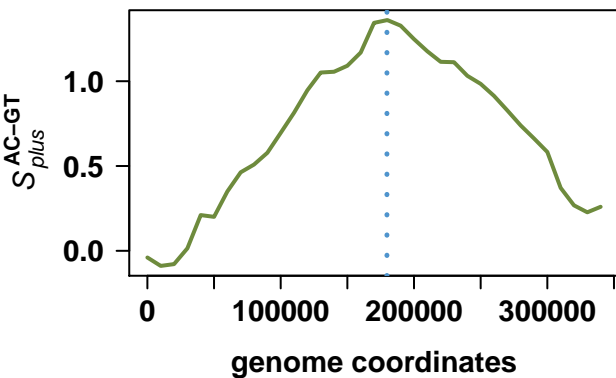
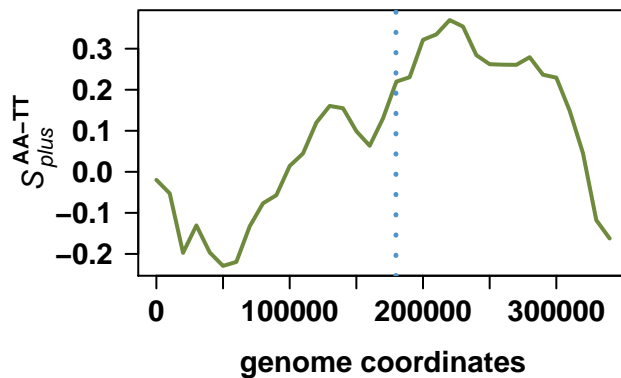
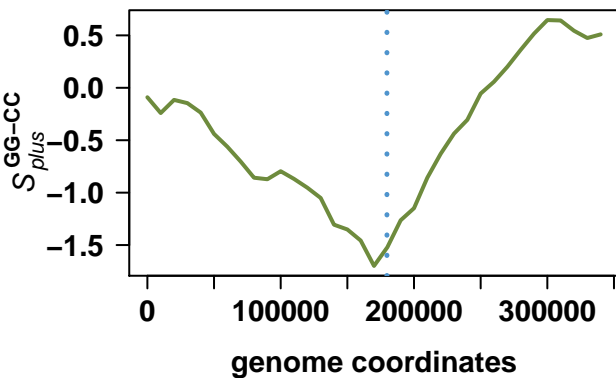
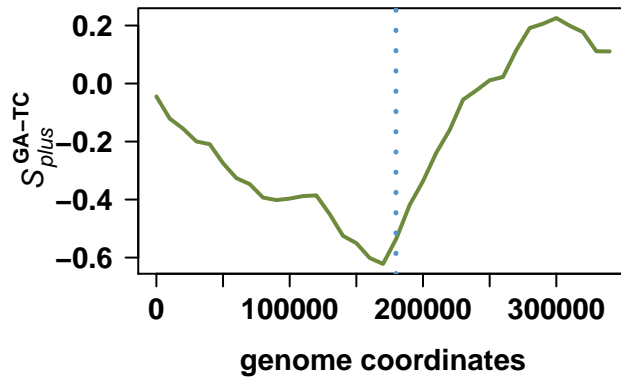
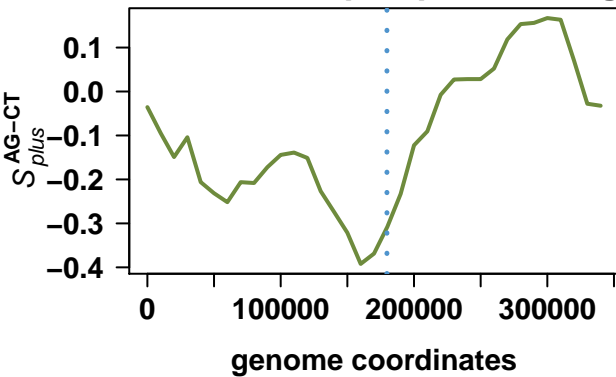
# Treponema denticola ATCC 35405



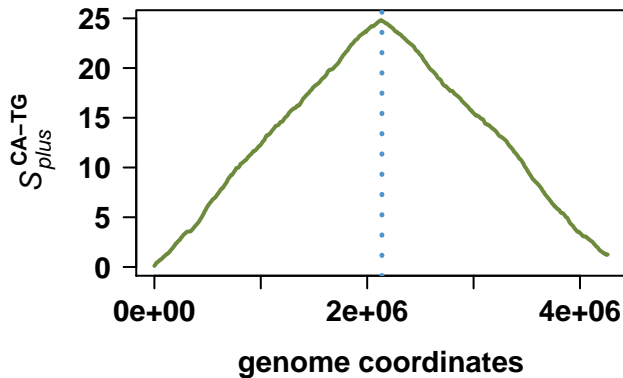
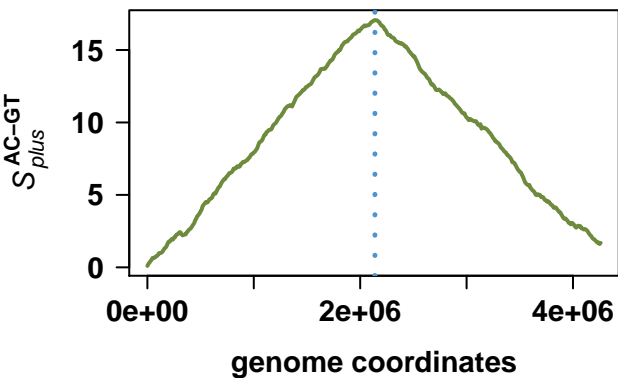
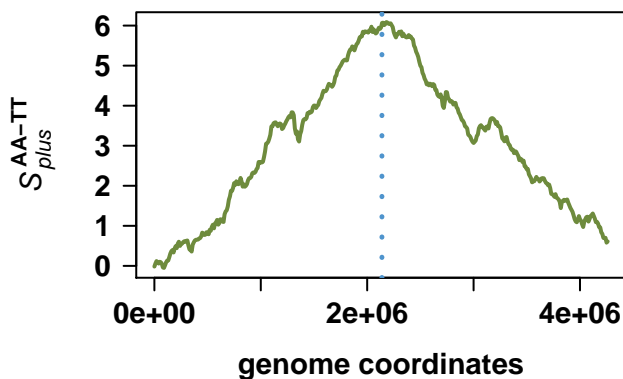
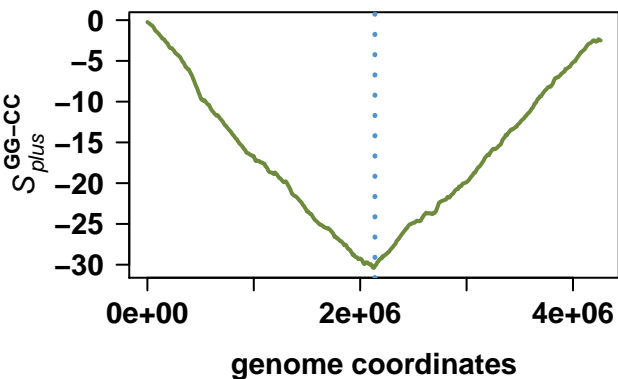
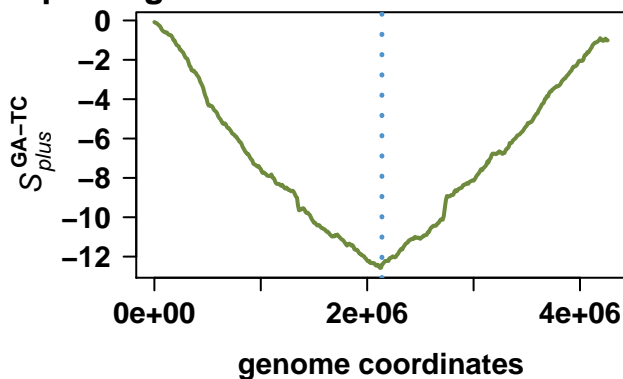
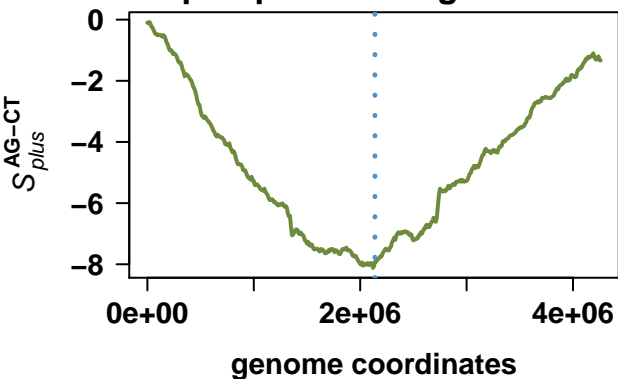
# Leptospira interrogans serovar Lai str. 56601



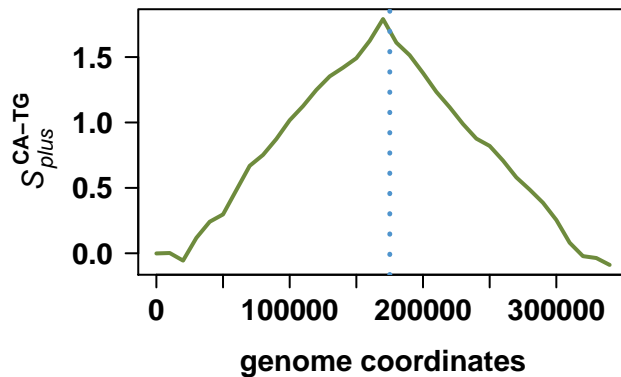
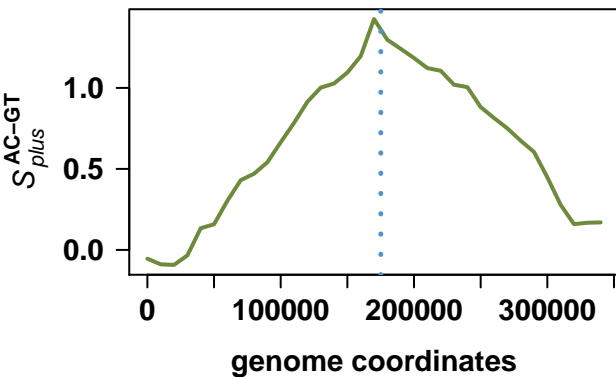
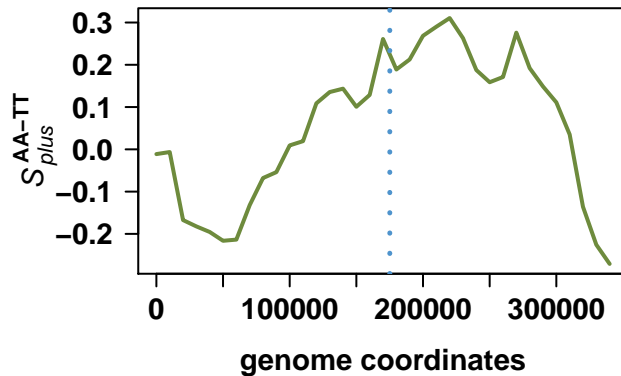
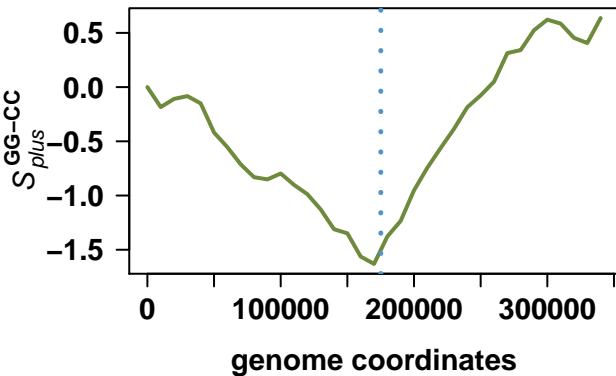
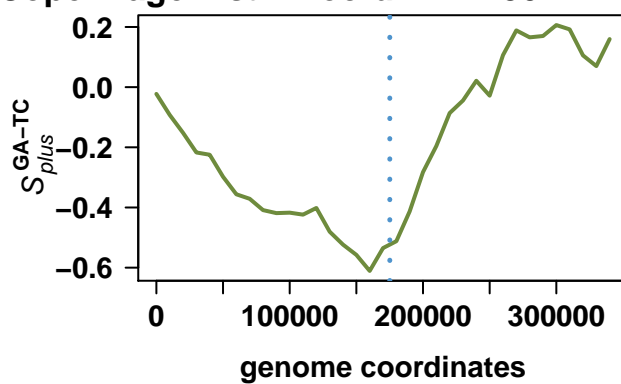
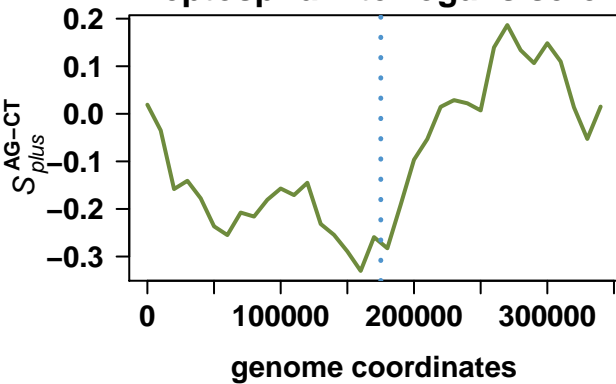
# Leptospira interrogans serovar Lai str. 56601



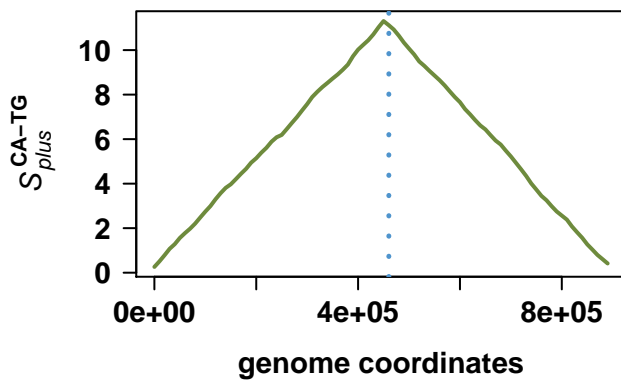
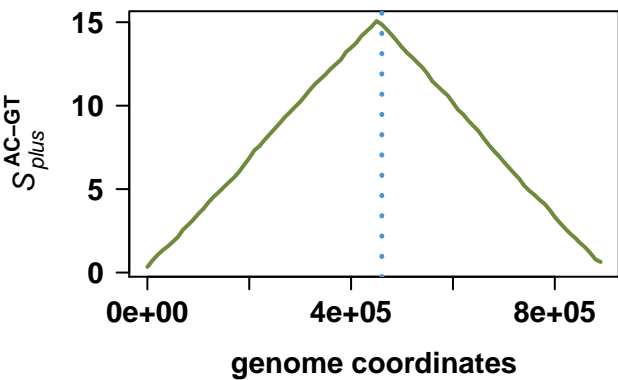
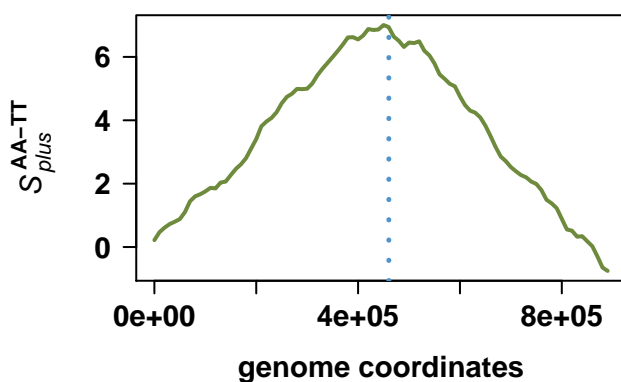
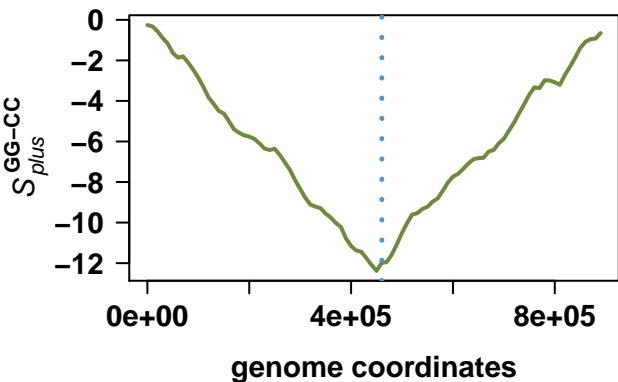
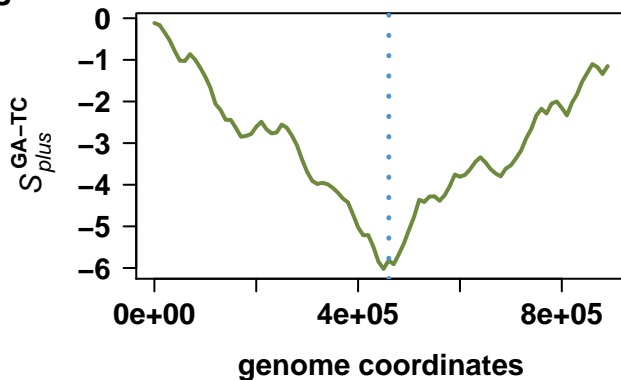
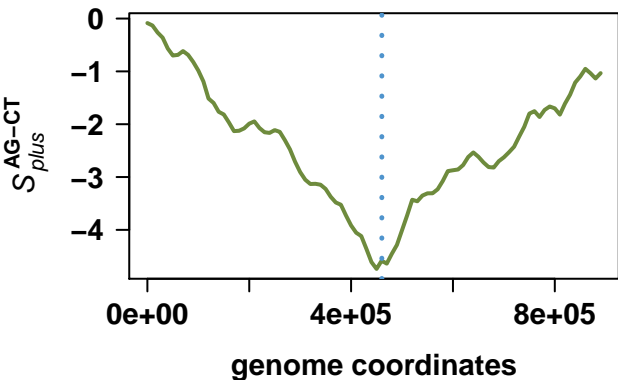
# Leptospira interrogans serovar Copenhageni str. Fiocruz L1-130



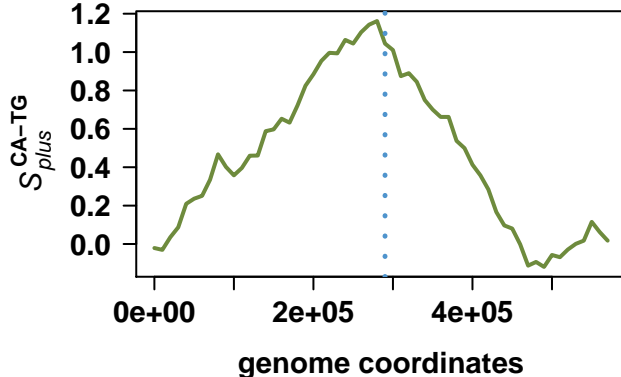
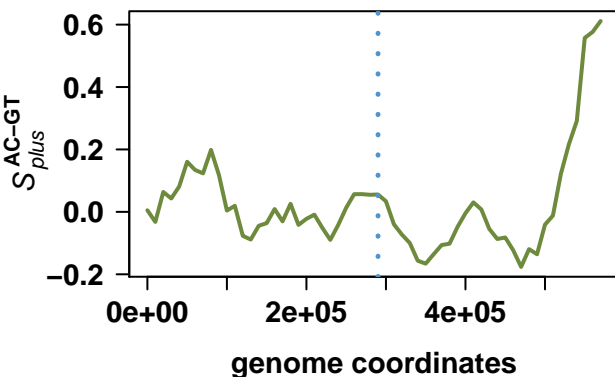
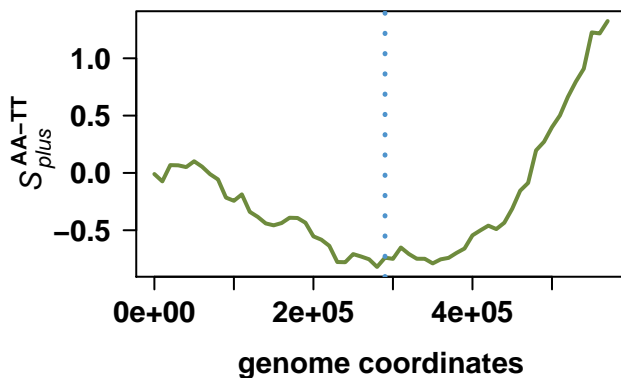
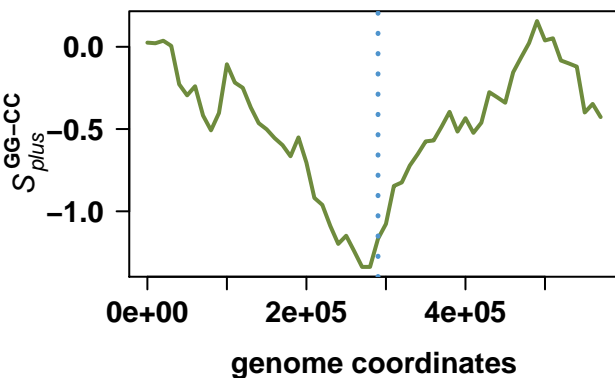
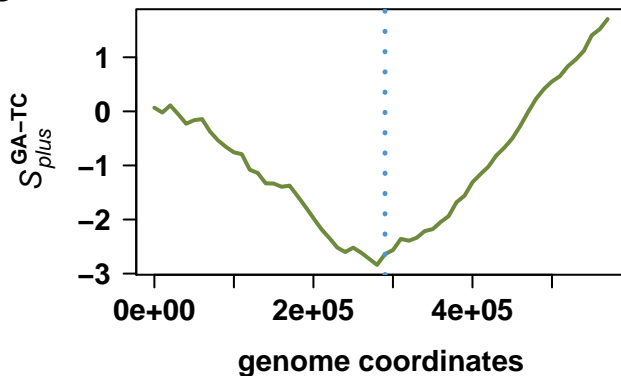
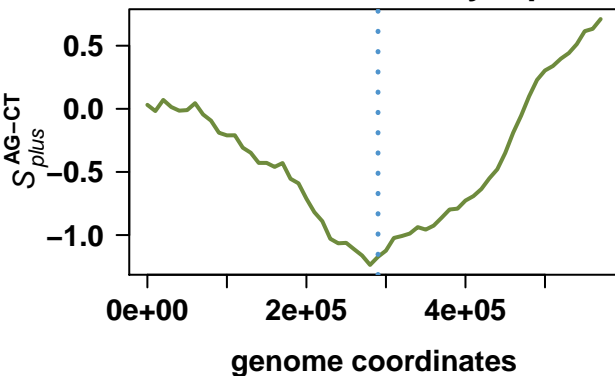
# *Leptospira interrogans* serovar Copenhageni str. Fiocruz L1-130



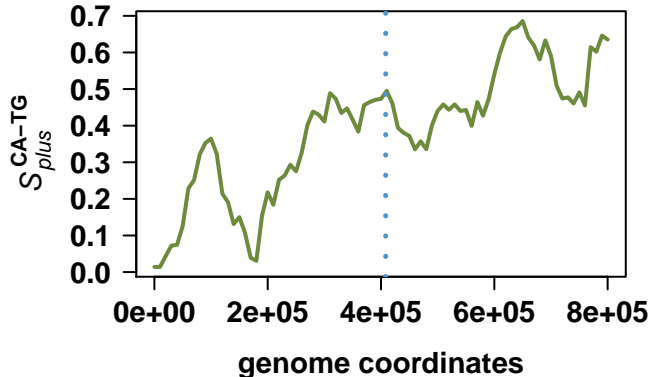
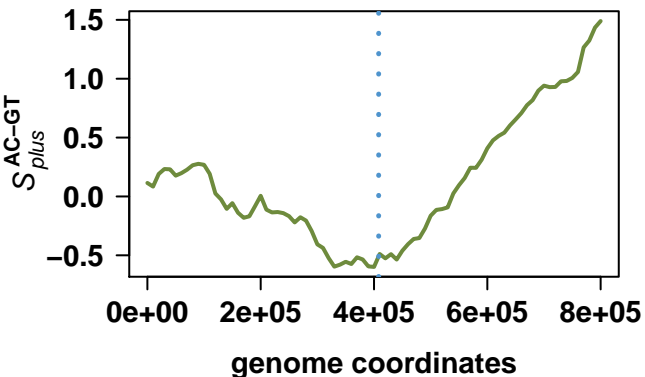
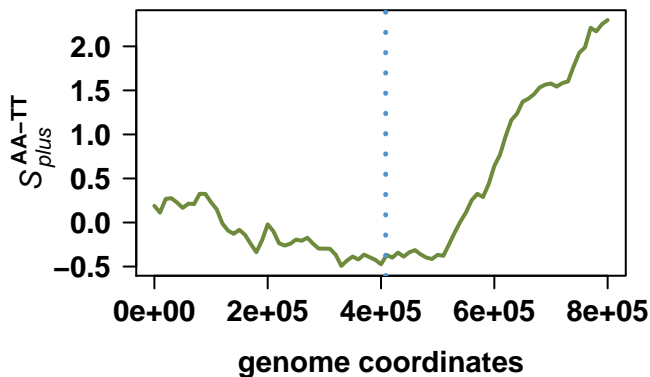
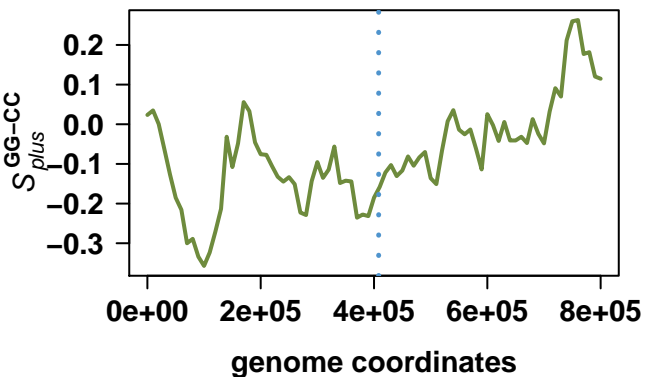
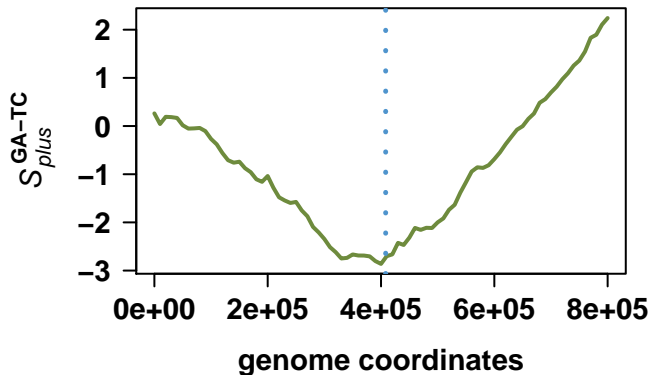
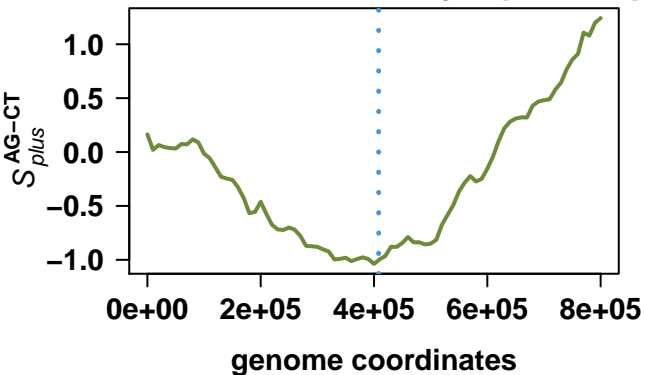
# Borrelia garinii PBI



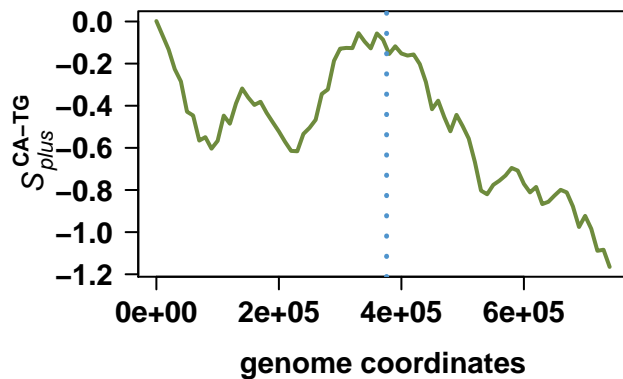
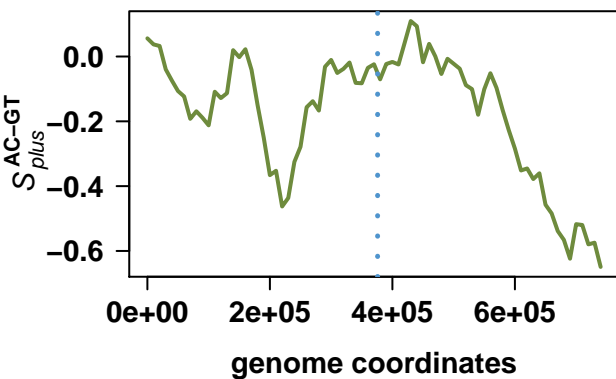
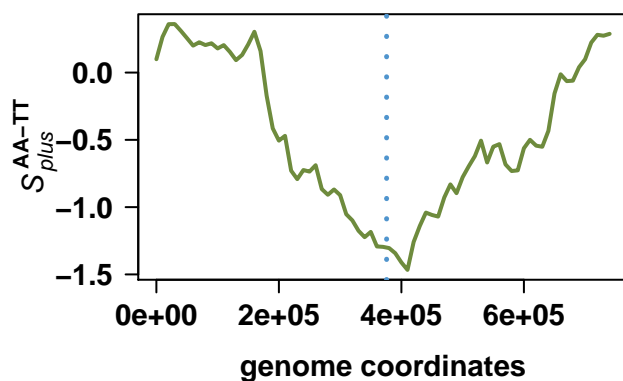
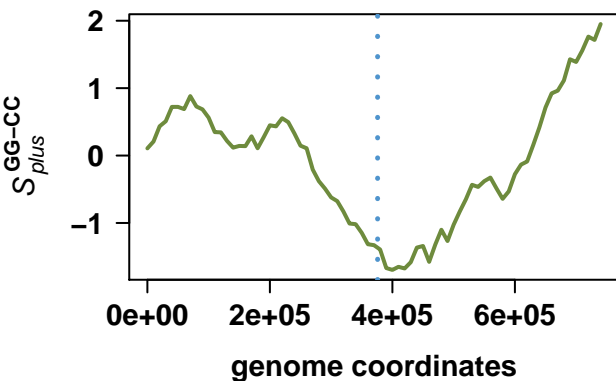
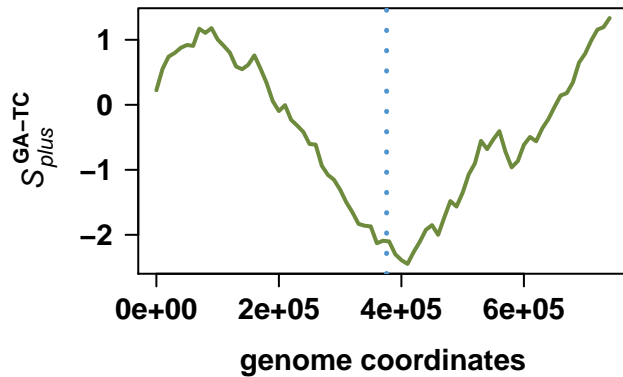
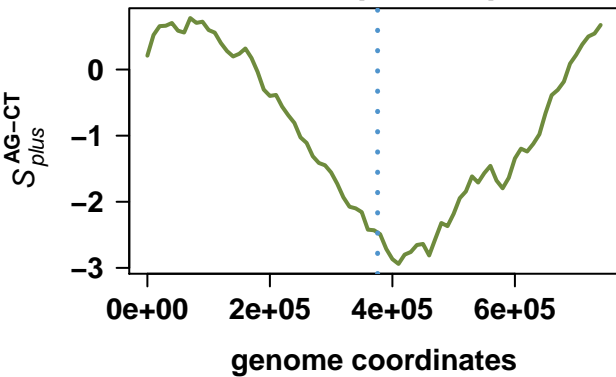
# Mycoplasma genitalium G37



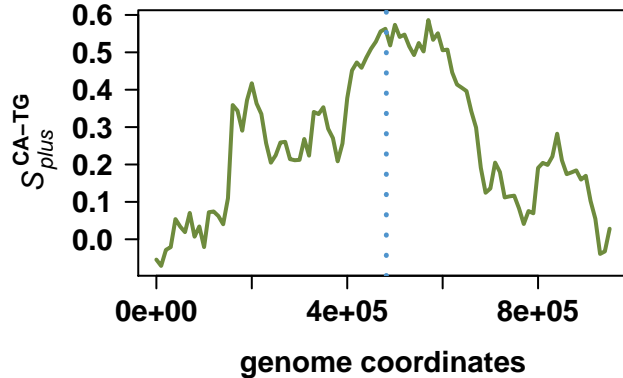
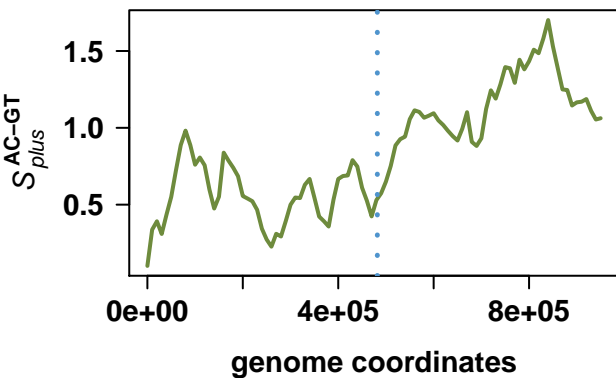
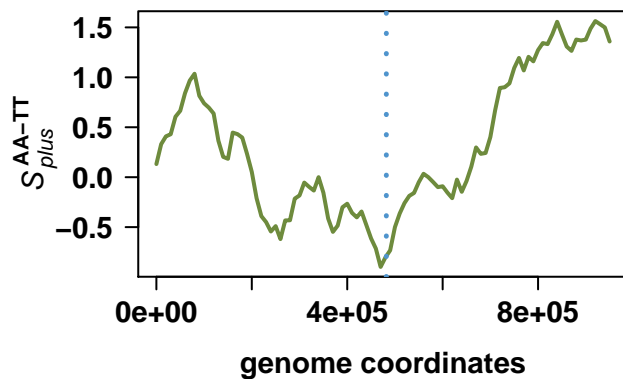
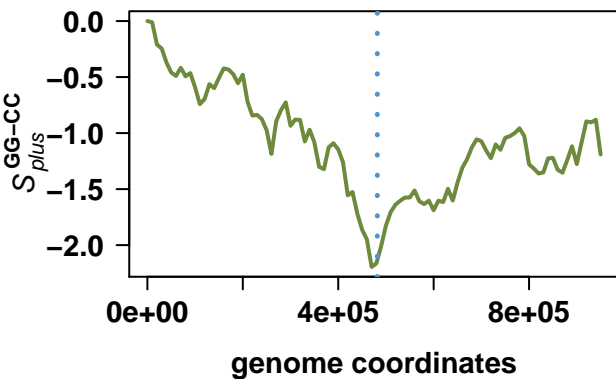
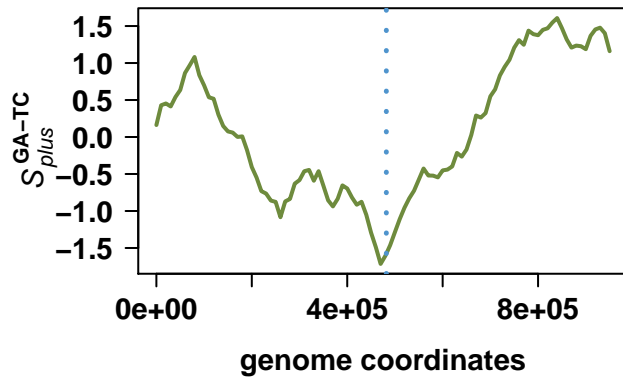
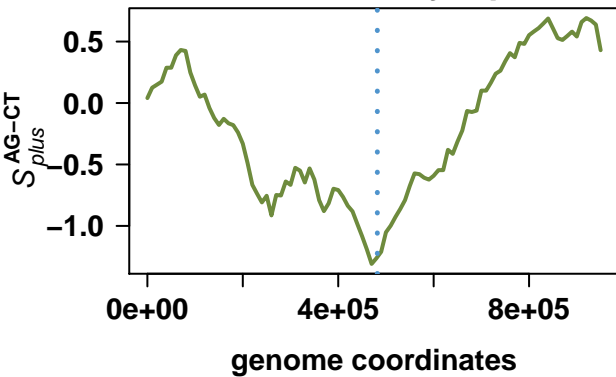
# Mycoplasma pneumoniae M129



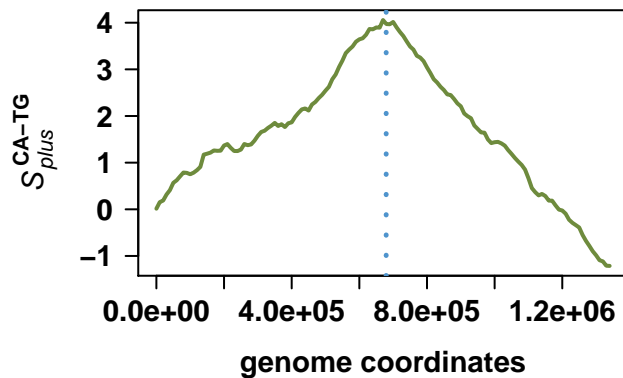
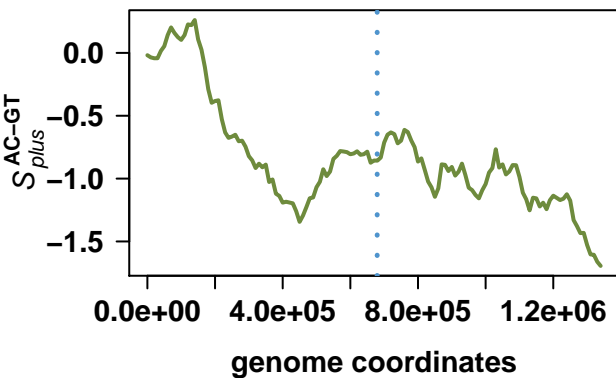
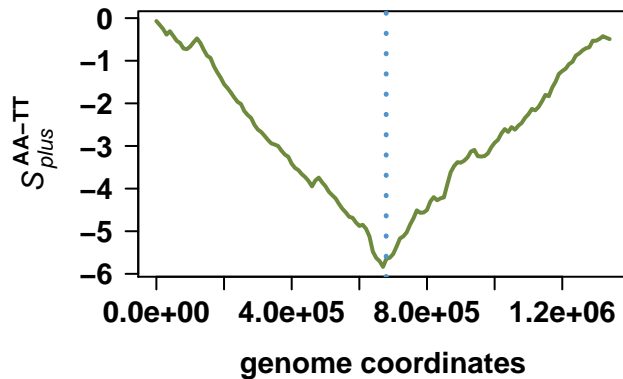
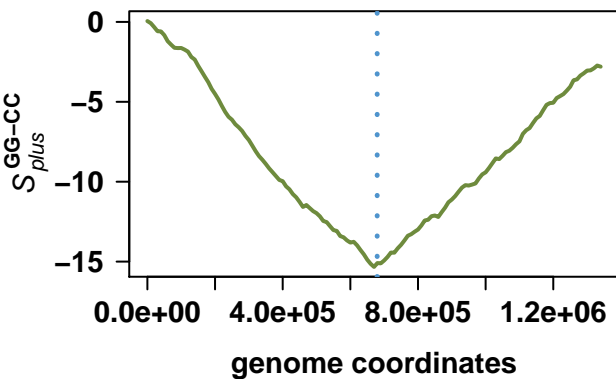
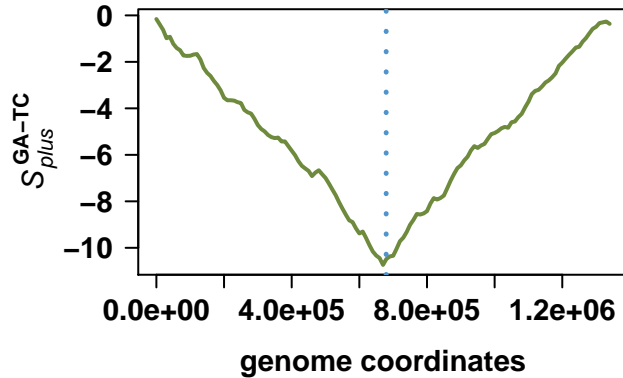
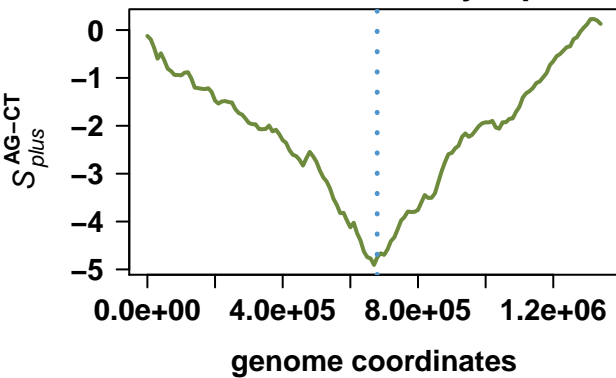
# Ureaplasma parvum serovar 3 str. ATCC 700970



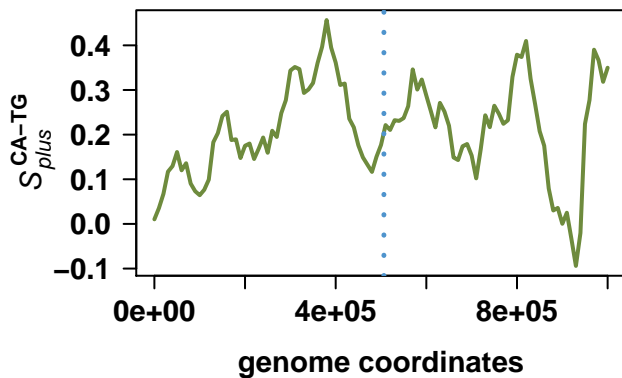
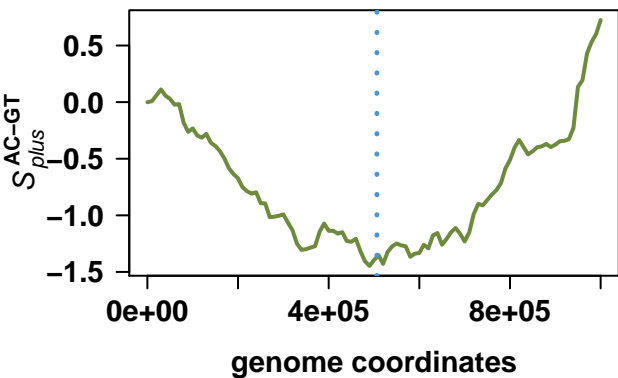
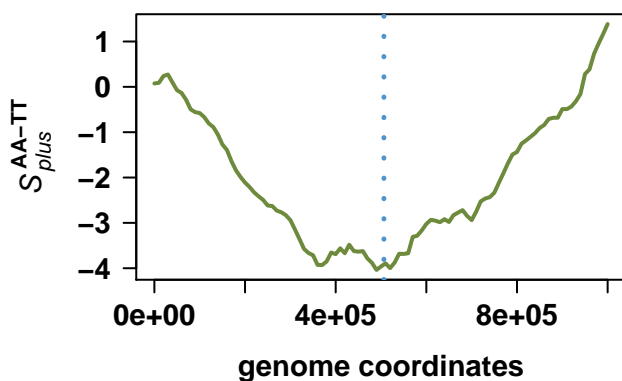
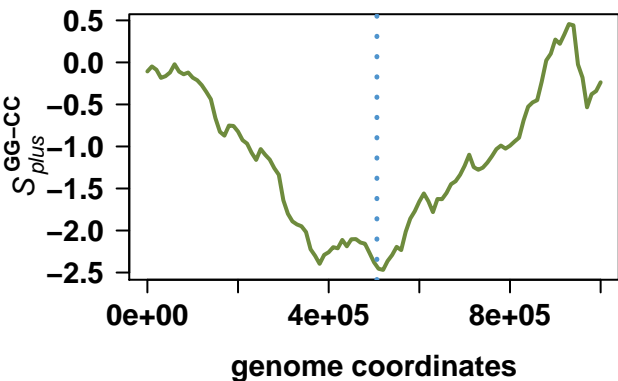
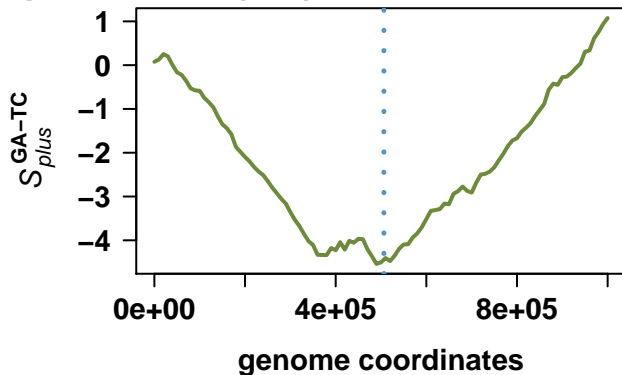
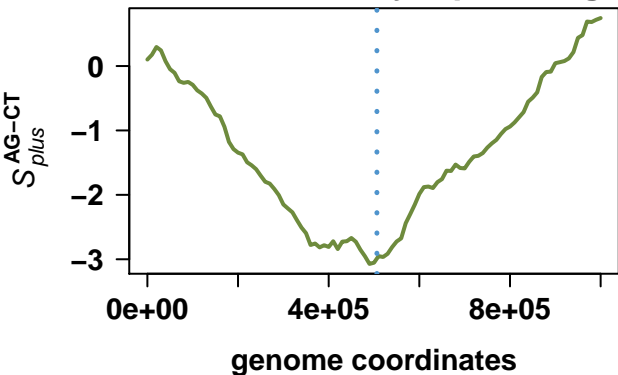
# Mycoplasma pulmonis UAB CTIP



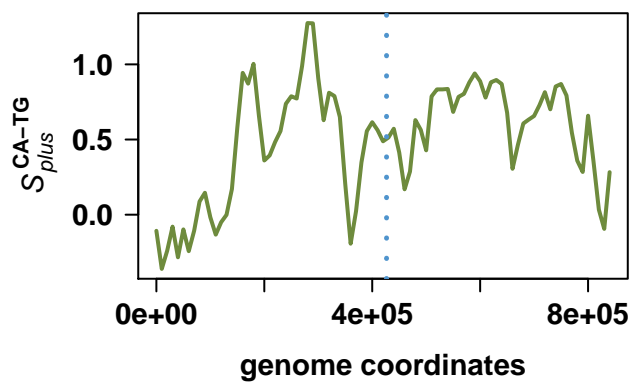
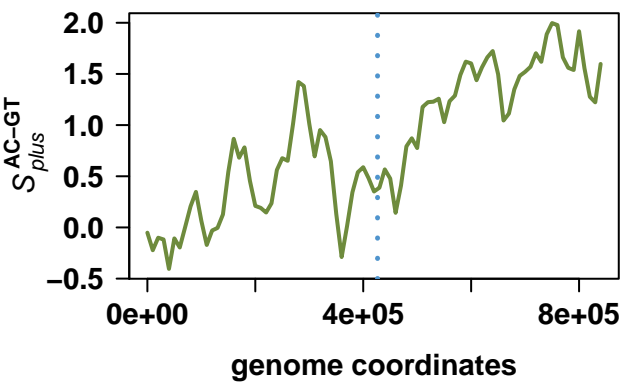
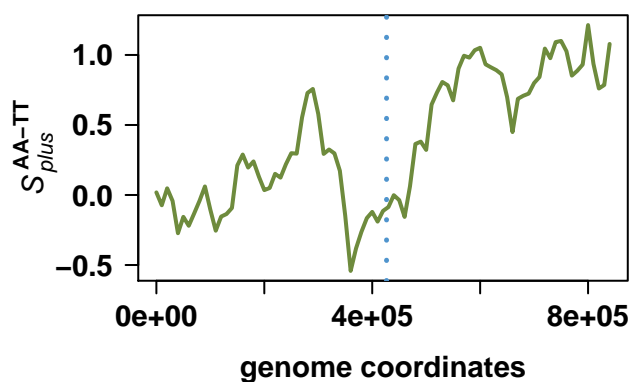
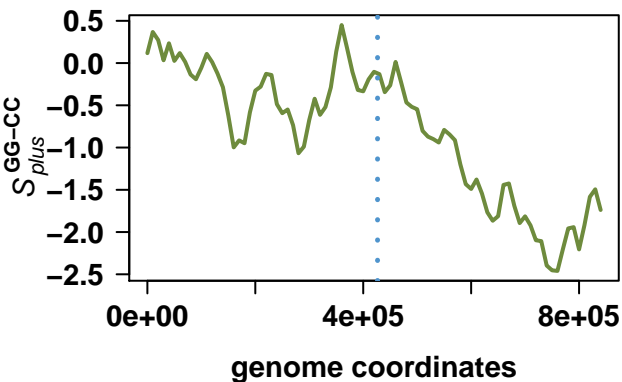
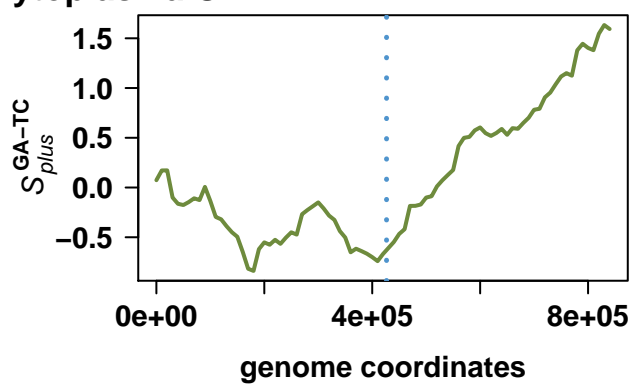
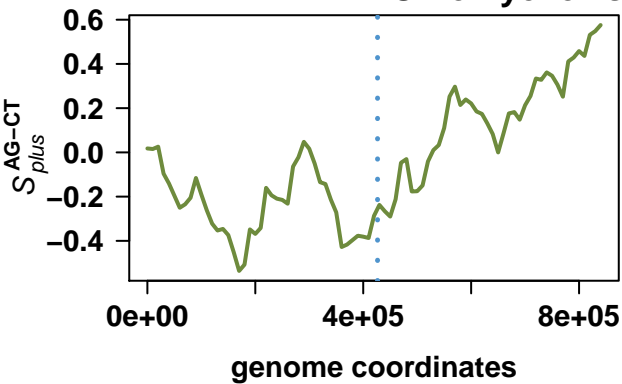
# Mycoplasma penetrans HF-2



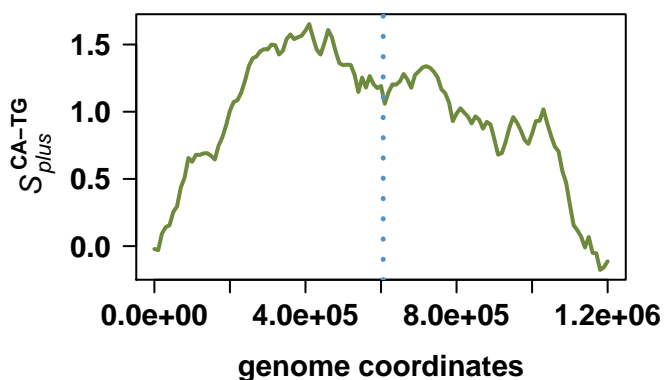
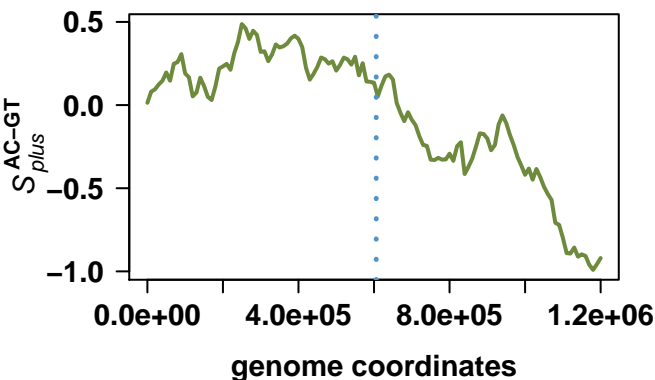
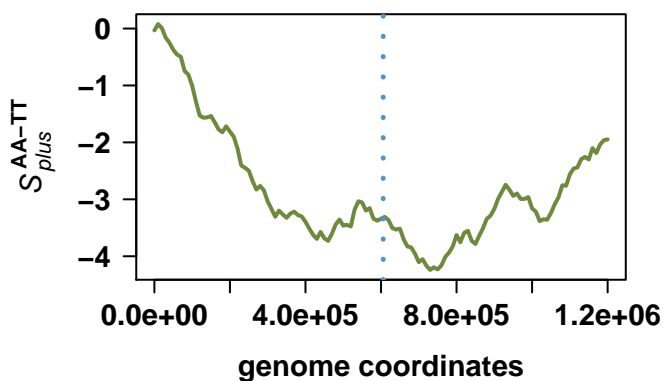
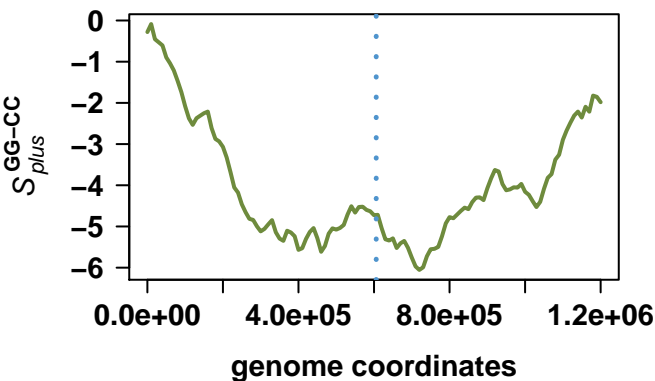
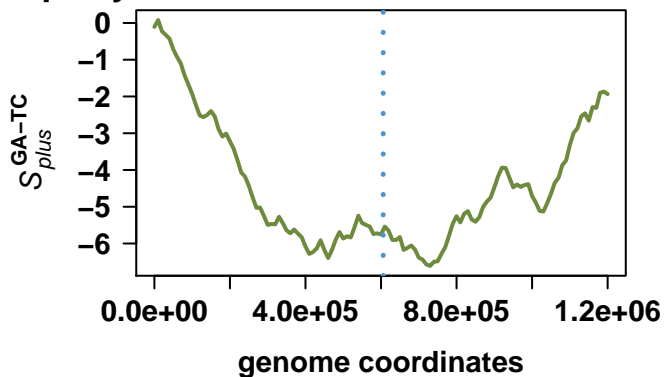
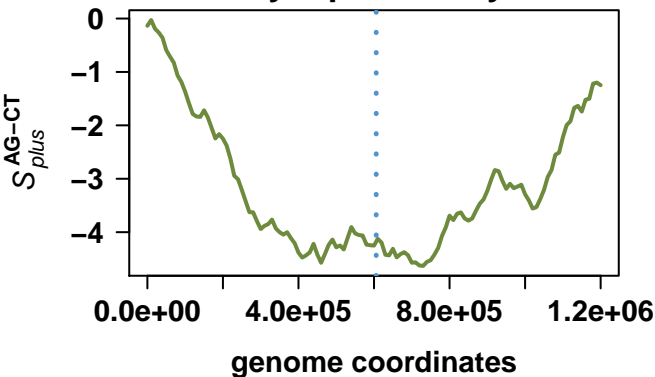
# *Mycoplasma gallisepticum* str. R(low)



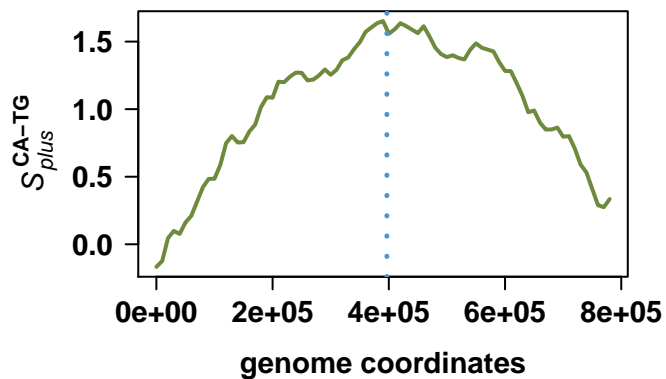
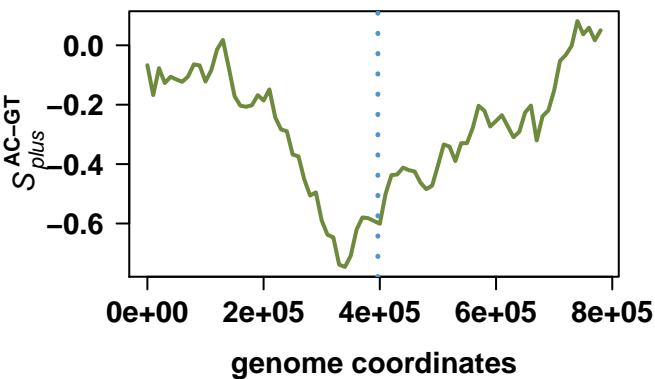
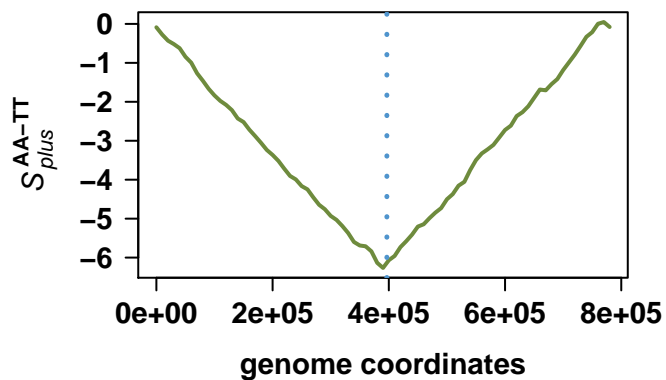
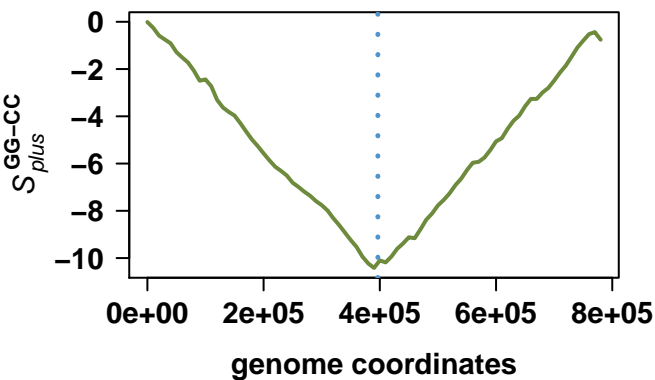
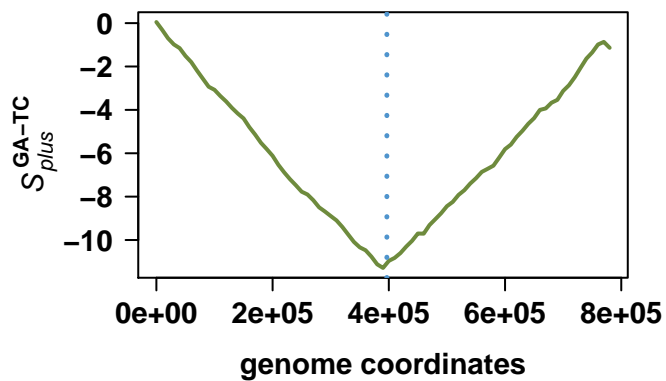
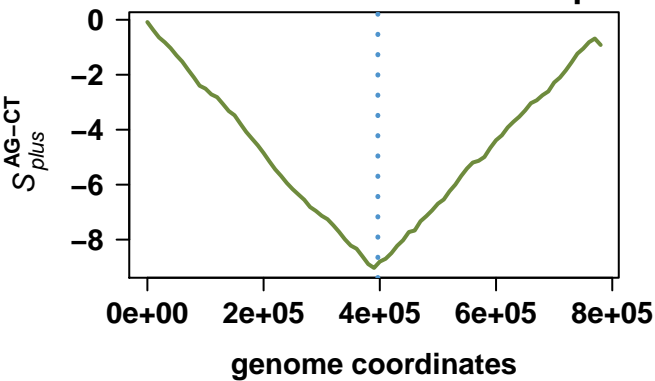
# Onion yellows phytoplasma OY-M



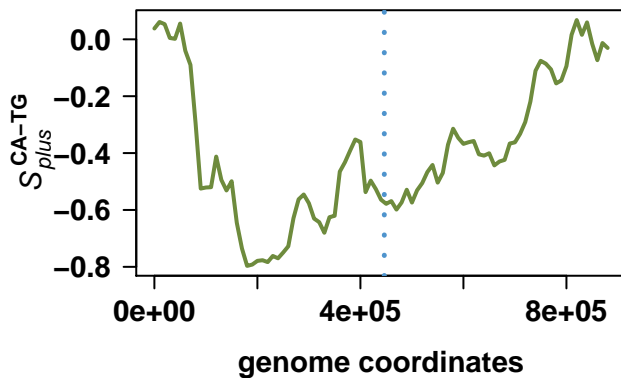
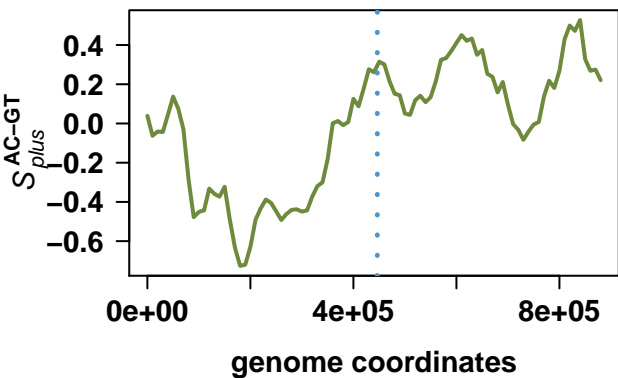
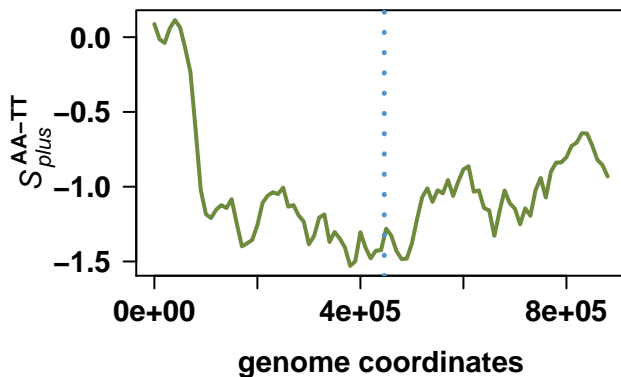
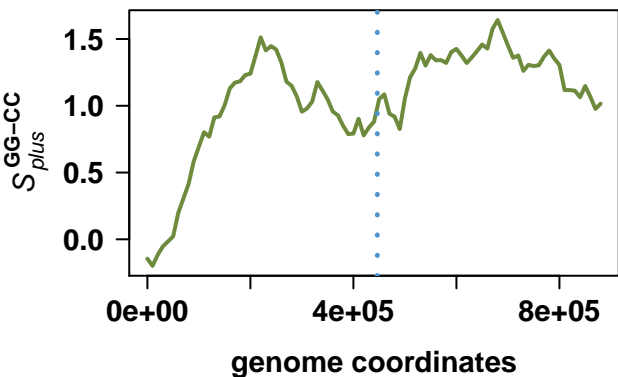
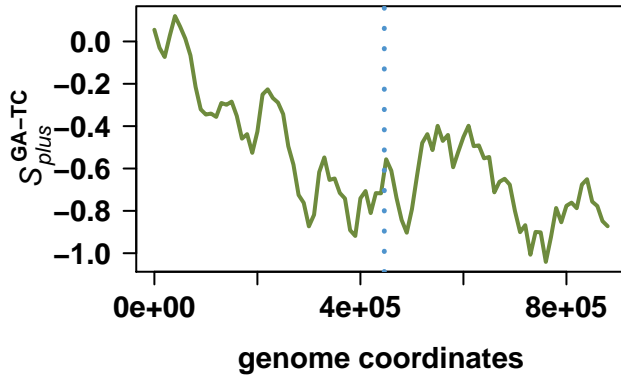
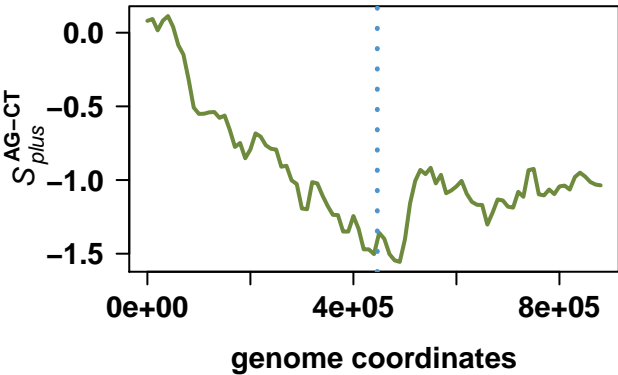
# *Mycoplasma mycoides* subsp. *mycoides* SC str. PG1



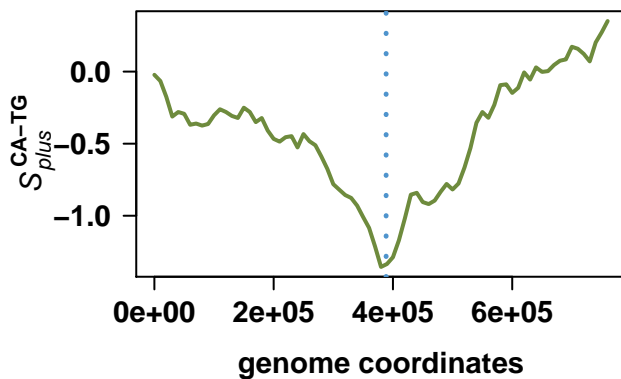
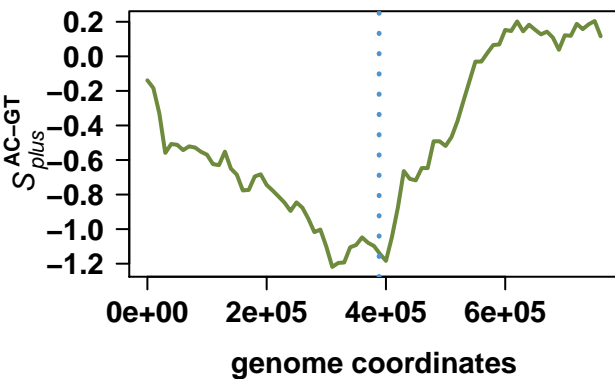
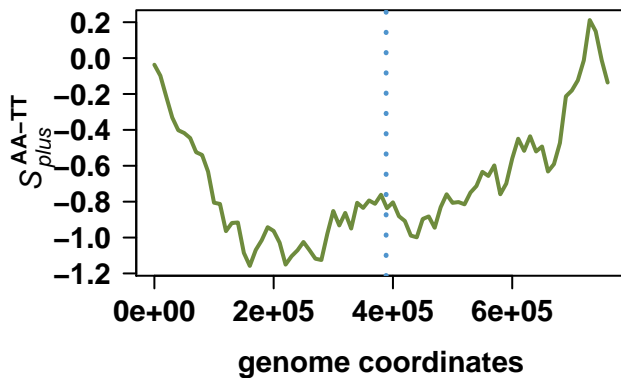
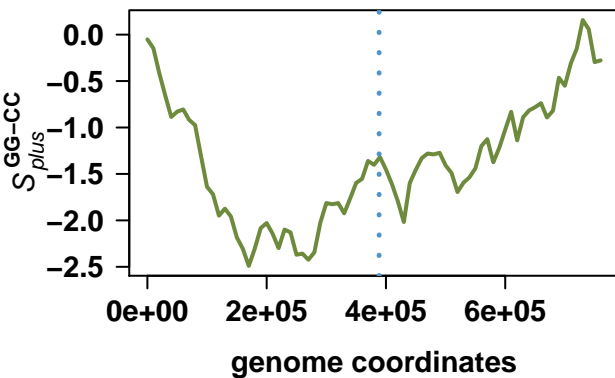
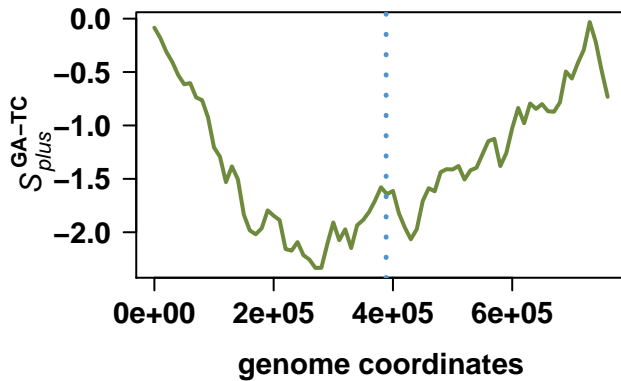
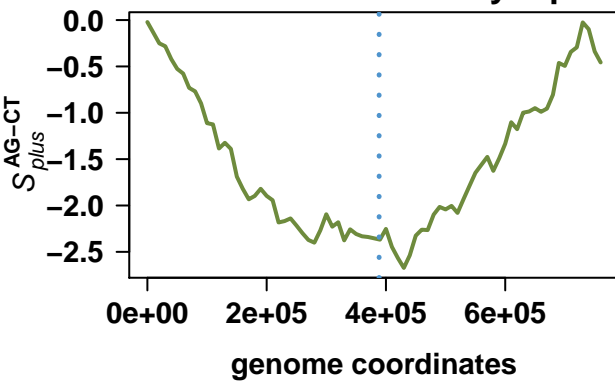
# Mesoplasma florum L1



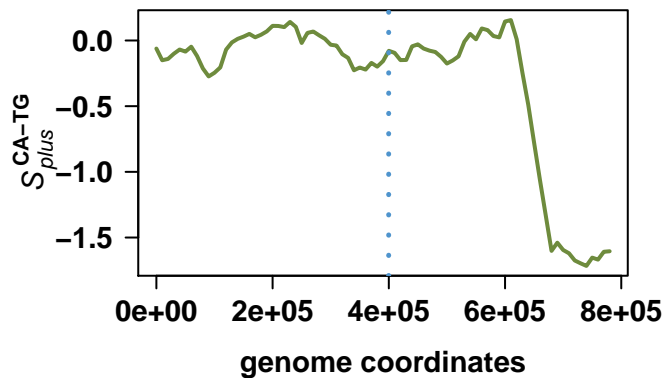
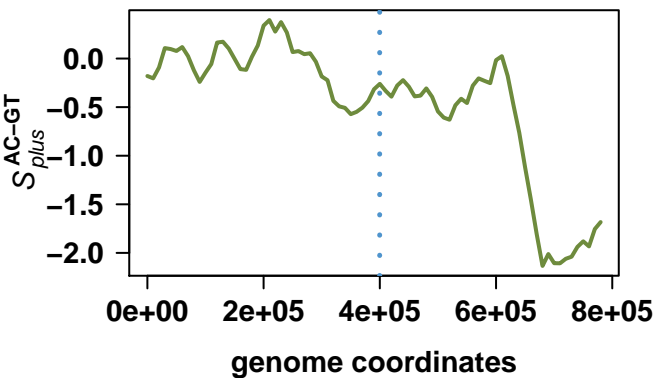
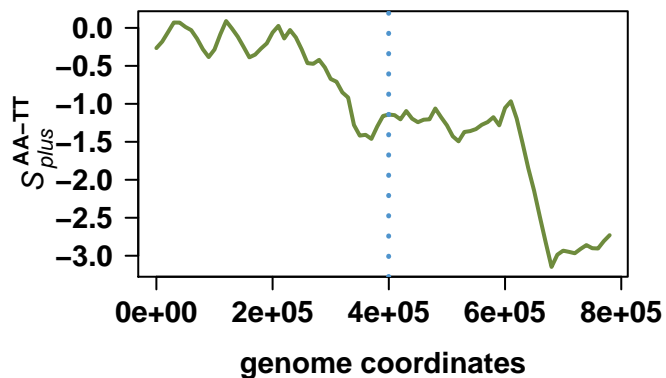
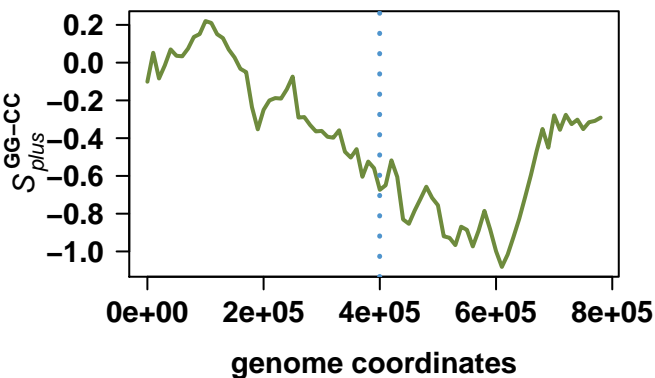
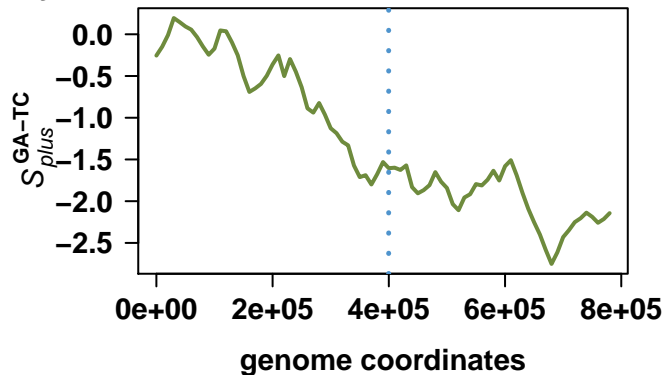
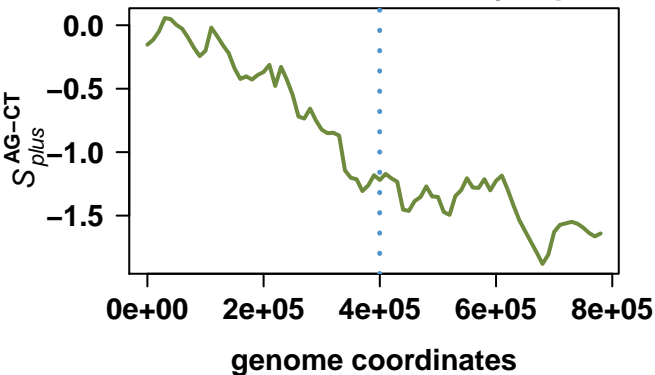
# Mycoplasma hyopneumoniae 232



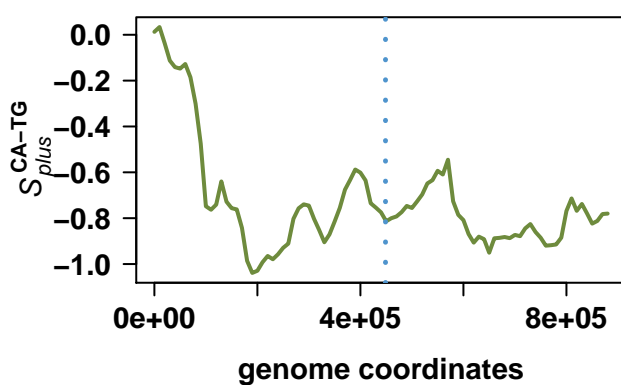
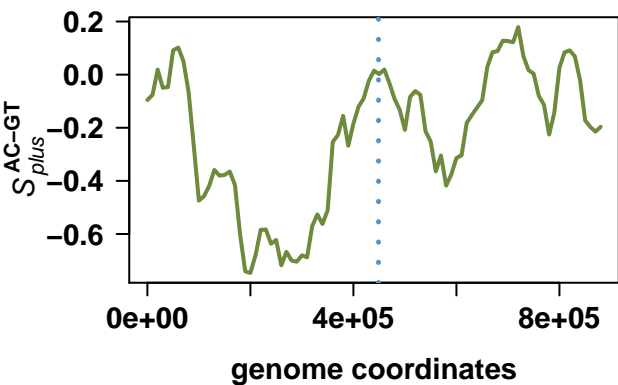
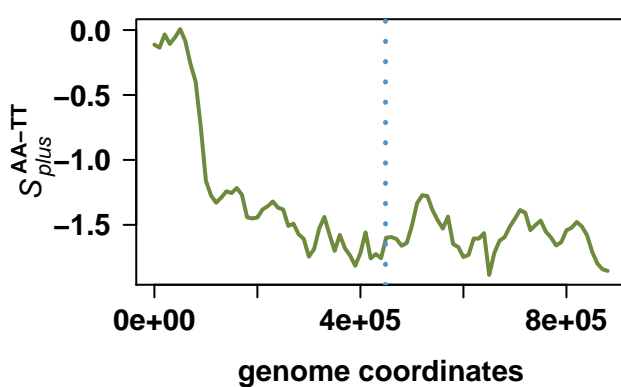
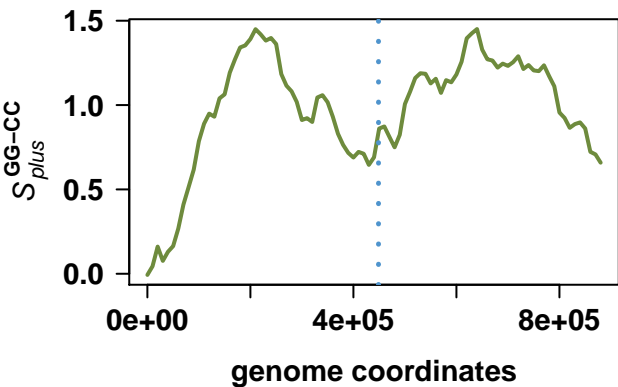
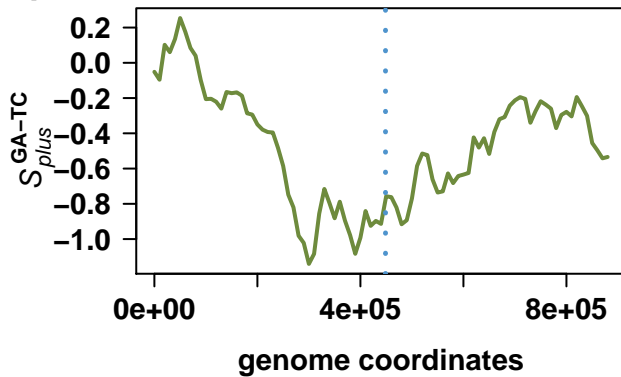
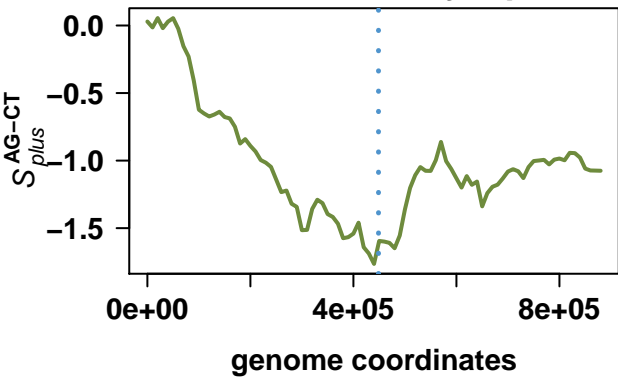
# Mycoplasma mobile 163K



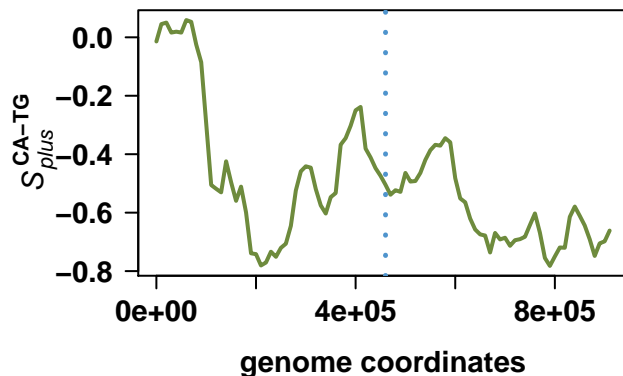
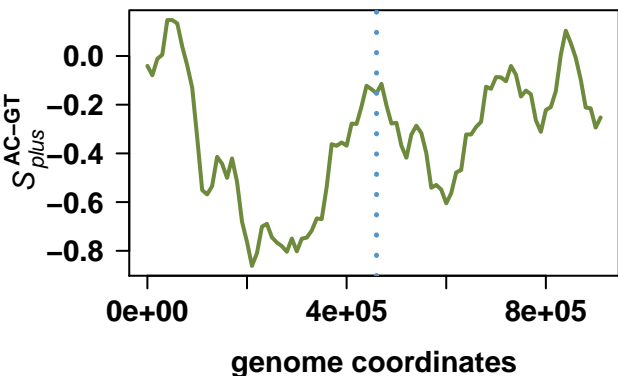
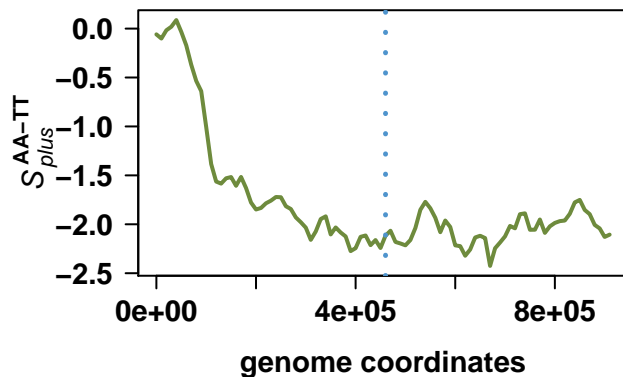
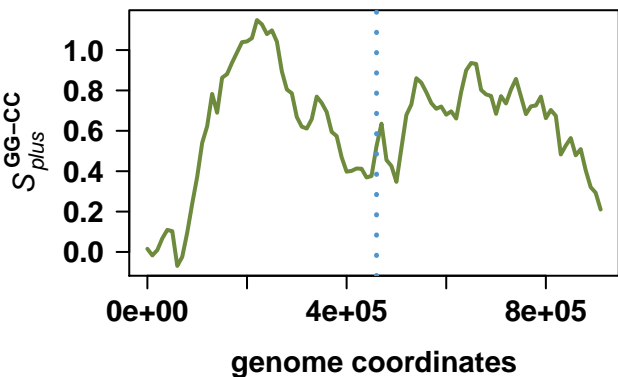
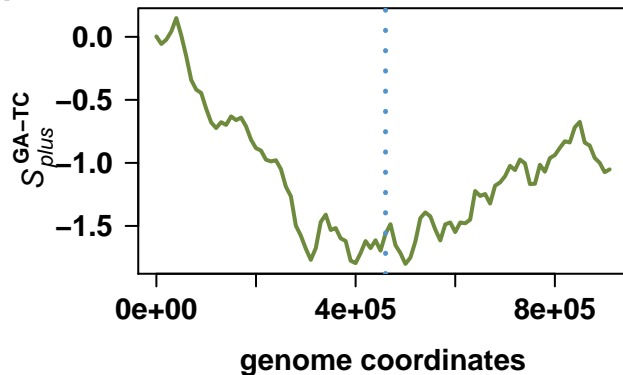
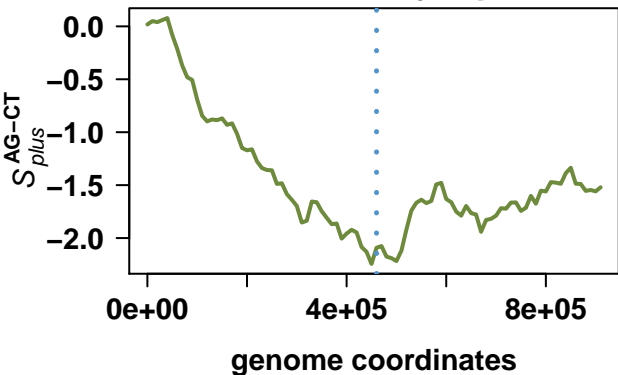
# *Mycoplasma synoviae* 53



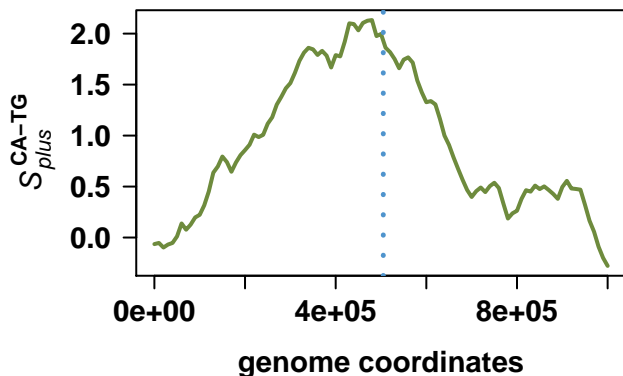
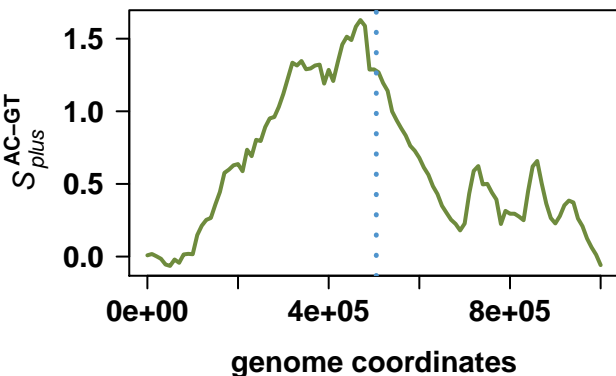
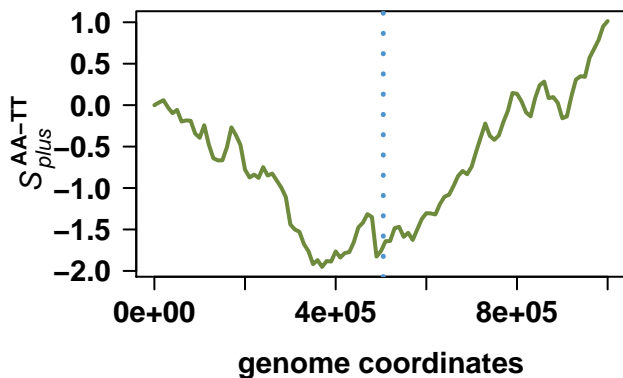
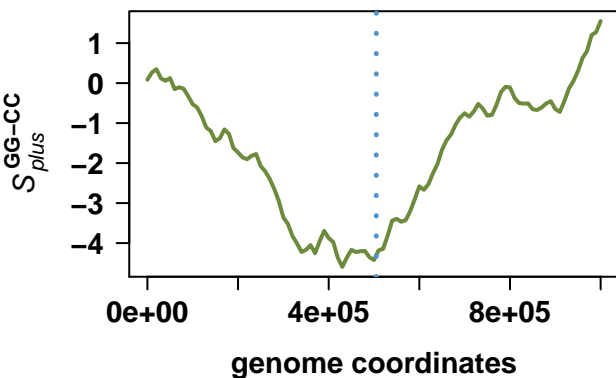
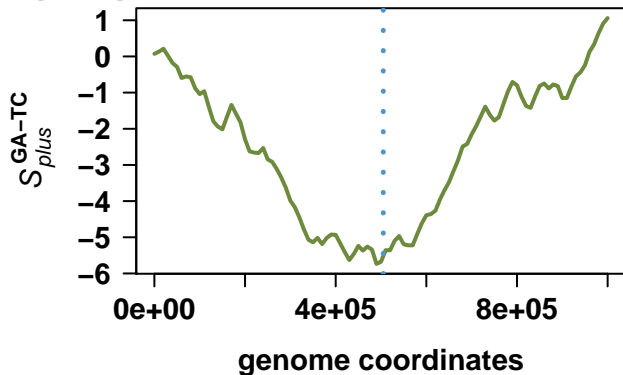
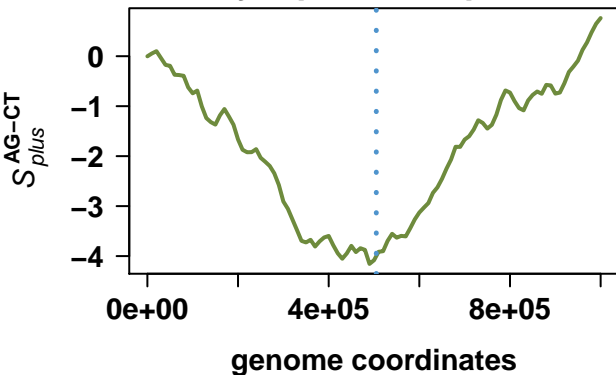
# Mycoplasma hyopneumoniae J



# Mycoplasma hyopneumoniae 7448



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



# Aster yellows witches'-broom phytoplasma AYWB

