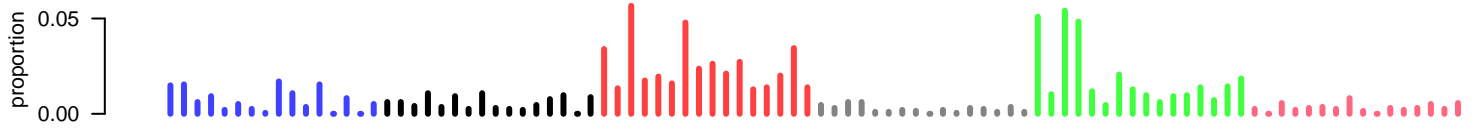


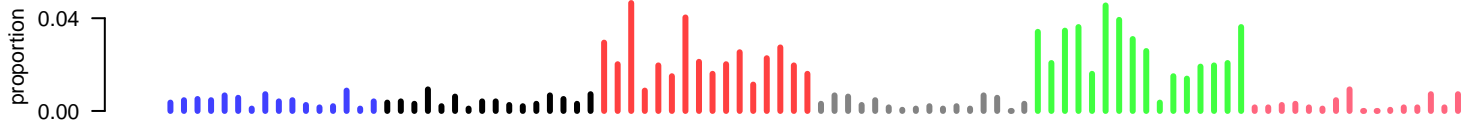
preceded by 5' followed by 3'

A C A G C T C A G C T G A C G T T A C G T C A C G T G A C G T T A C G T C A C G T G A C G T T A C G T C A C G T G A C G T T A C G T C A C G T

sample_223



sample_453



sample_494



sample_966



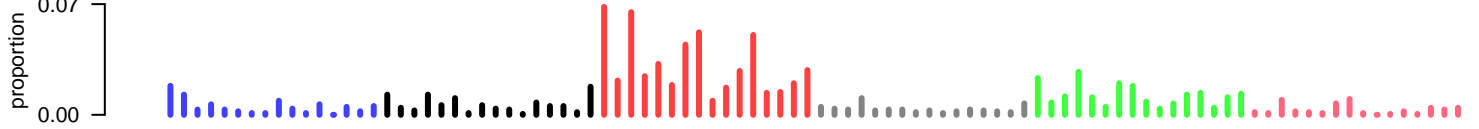
sample_457



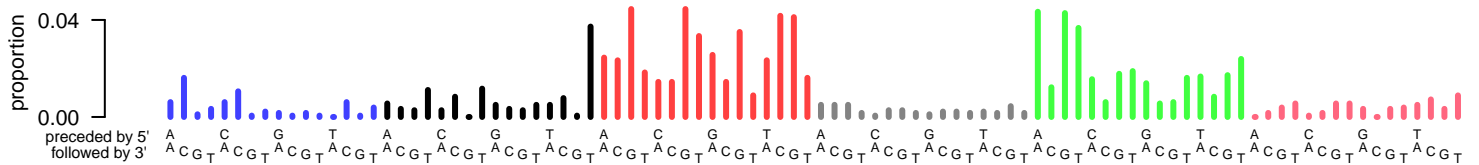
sample_592

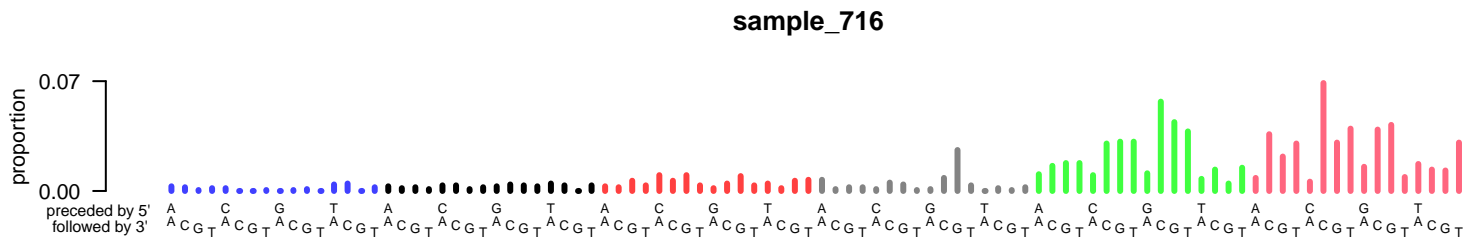
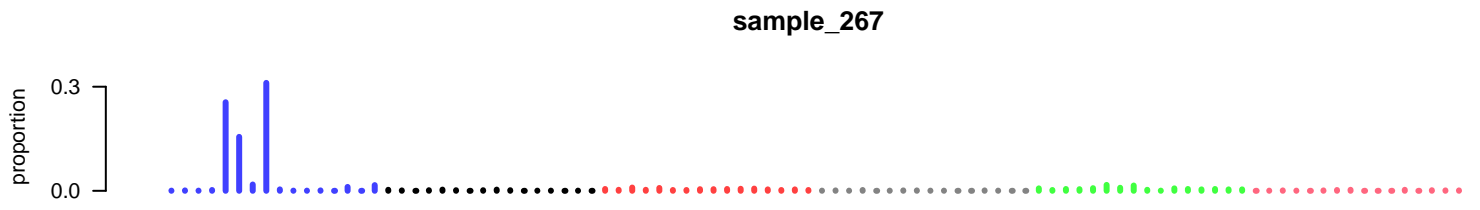
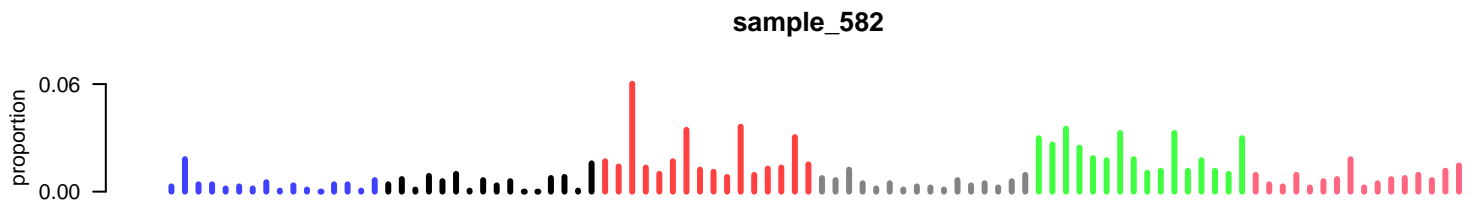
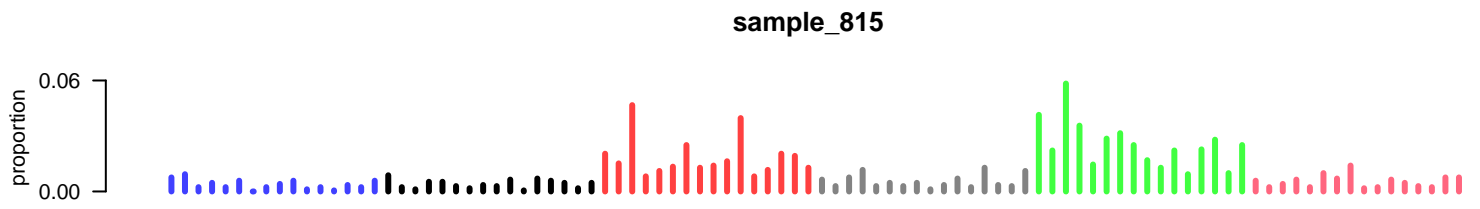
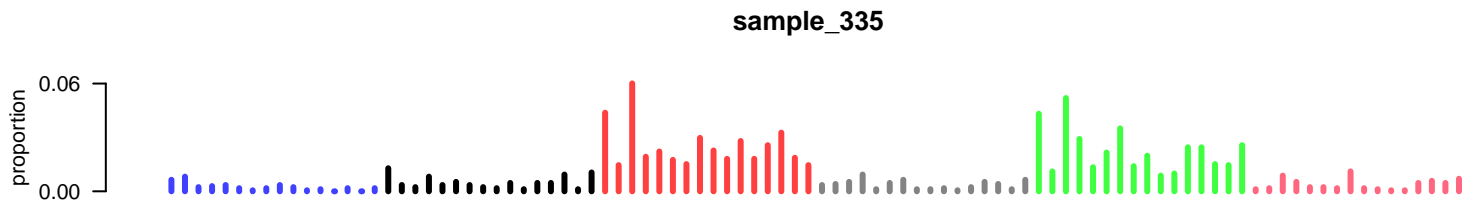
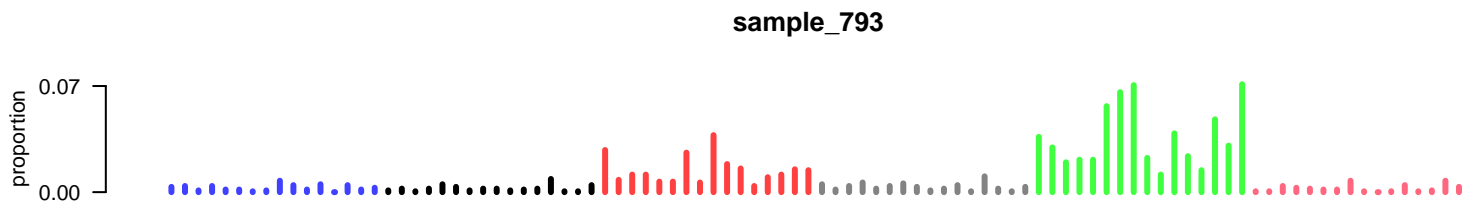
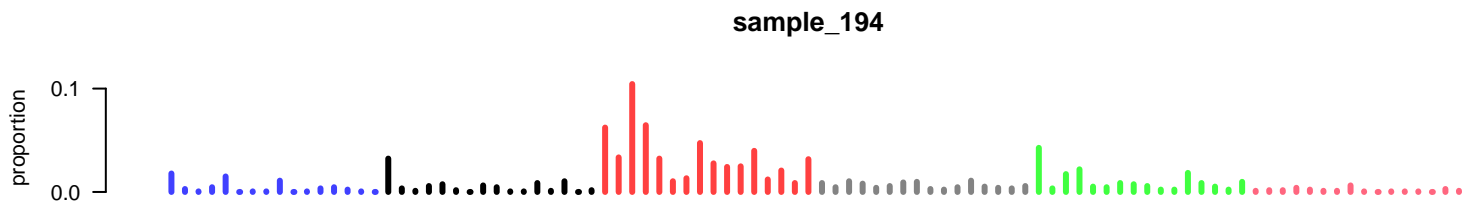
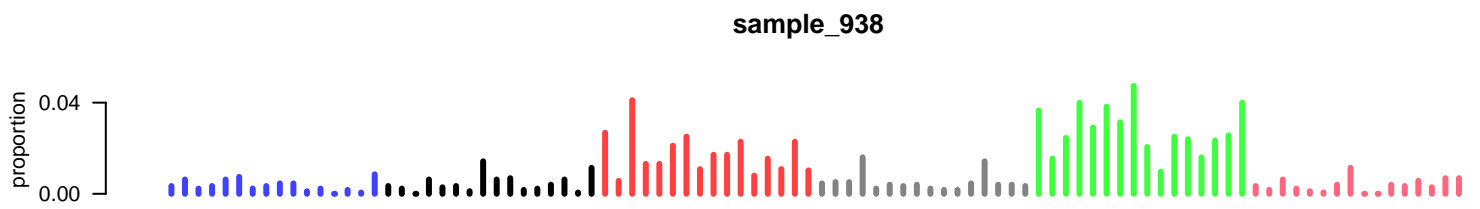


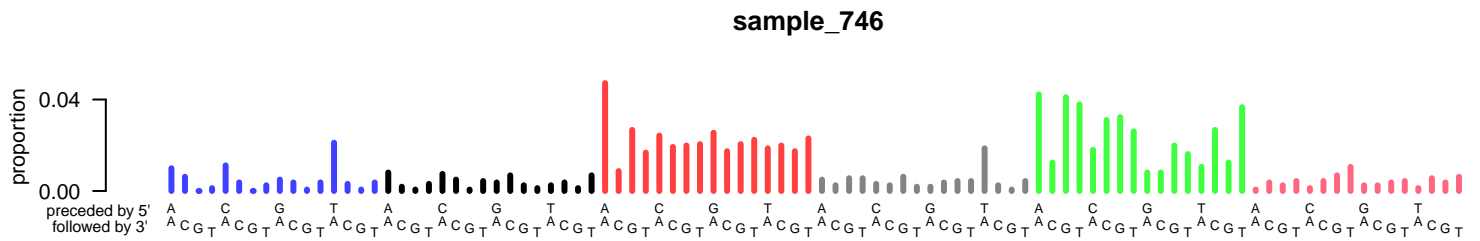
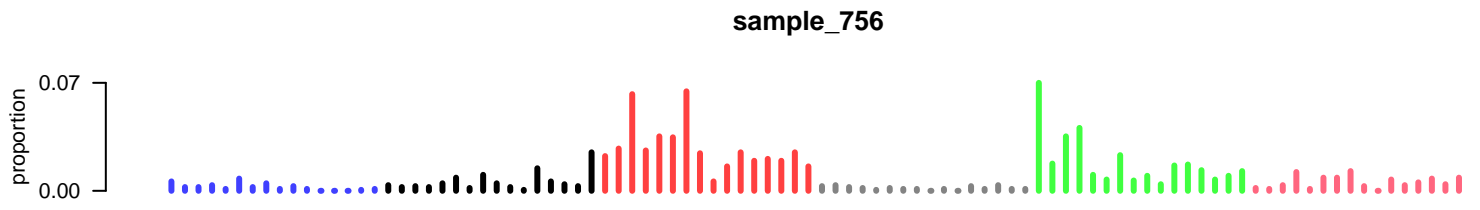
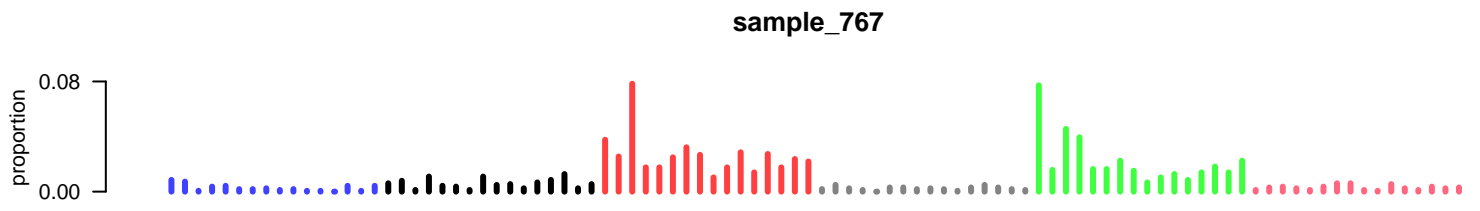
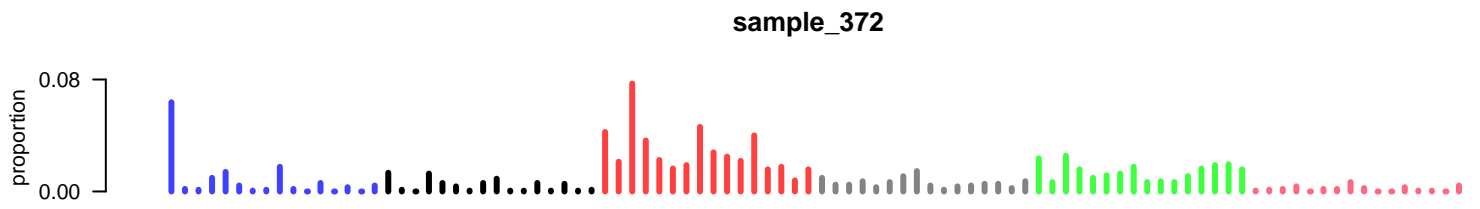
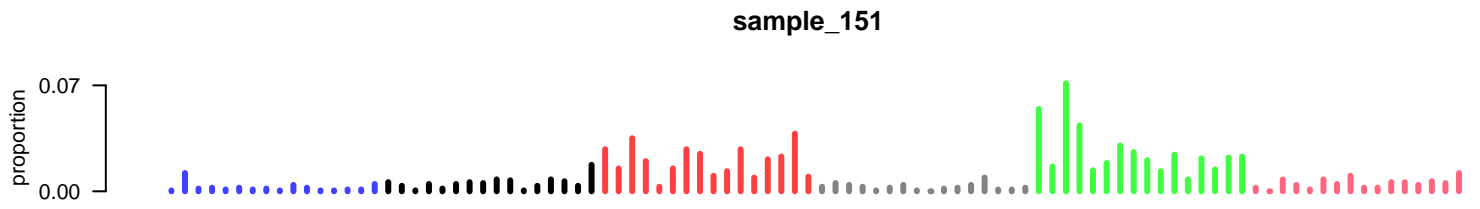
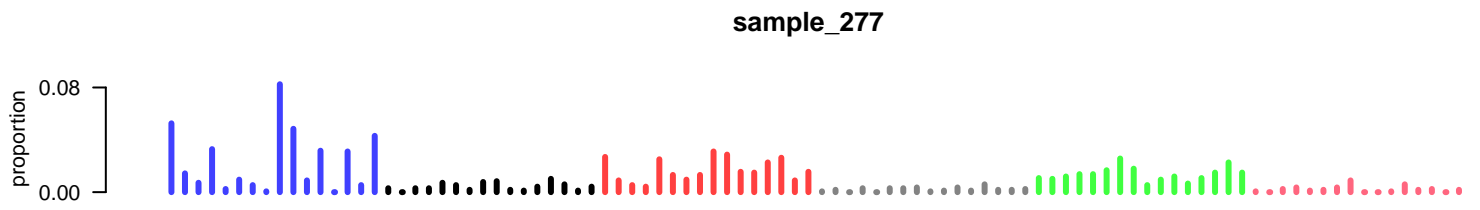
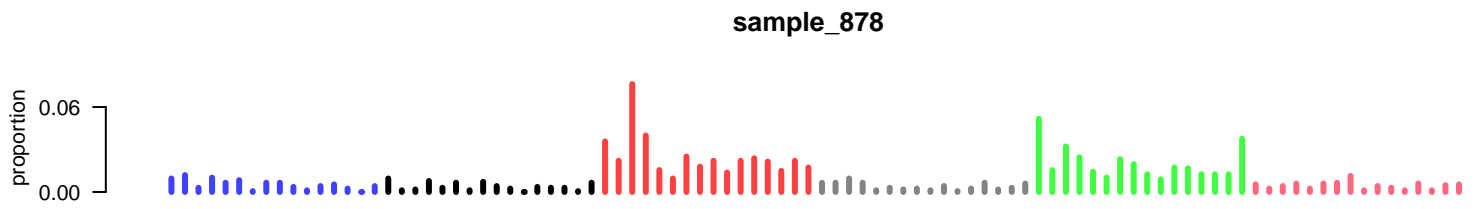
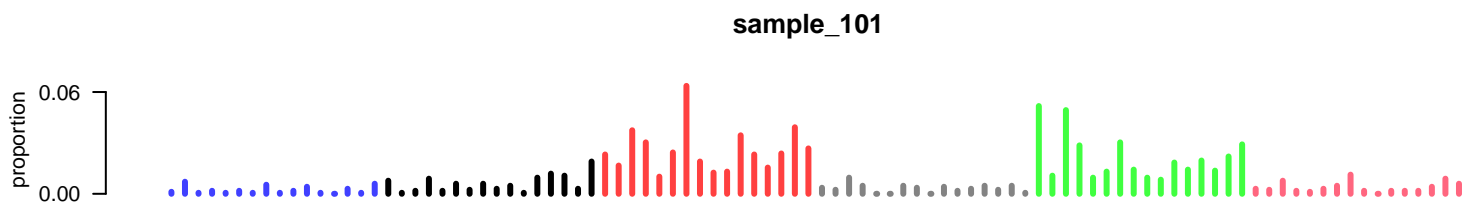
sample_768



sample_726



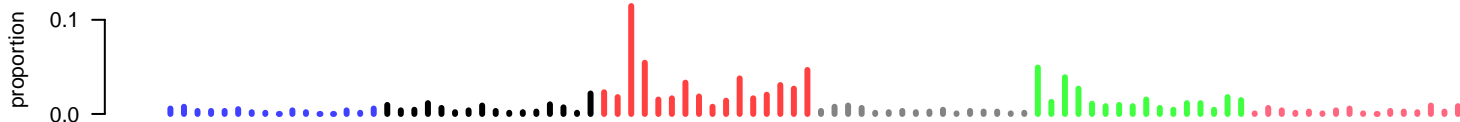




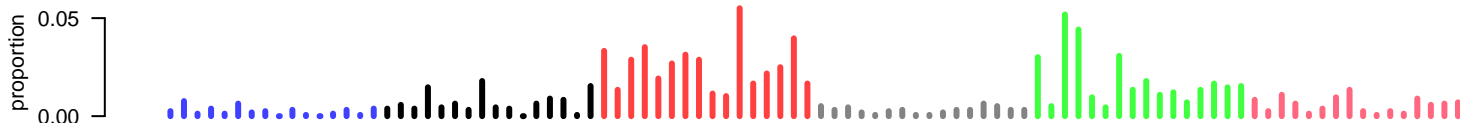
sample_197



sample_644



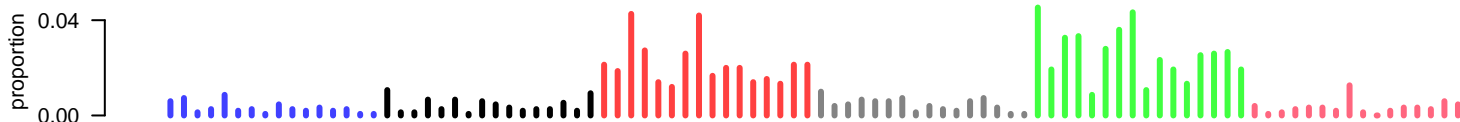
sample_749



sample_669



sample_37



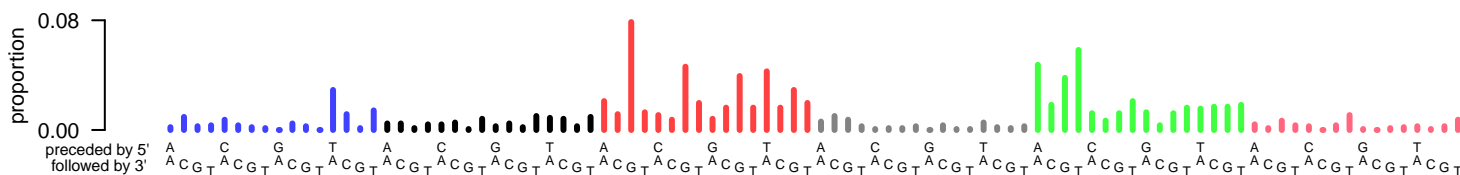
sample_287



sample_478



sample_802



sample_259



sample_105



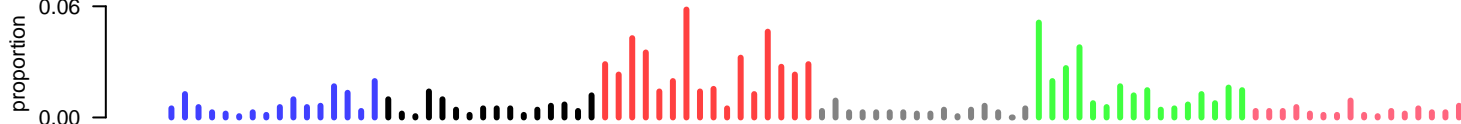
sample_244



sample_546



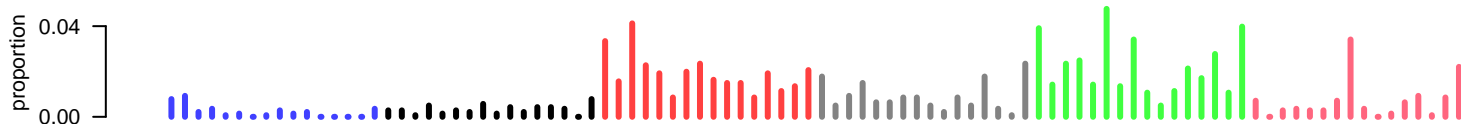
sample_579



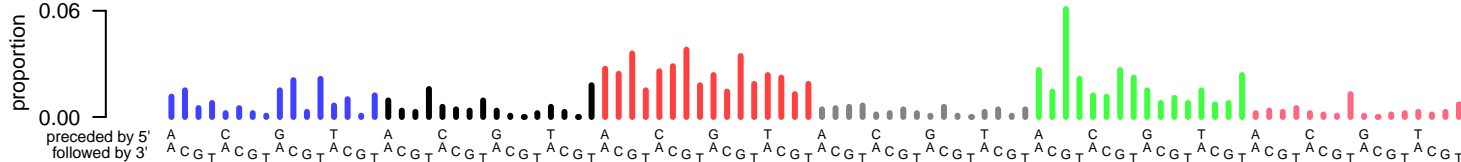
sample_149



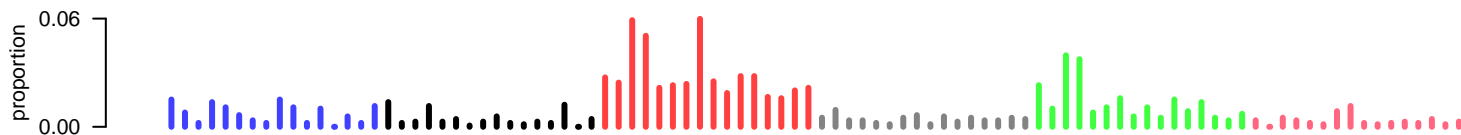
sample_352



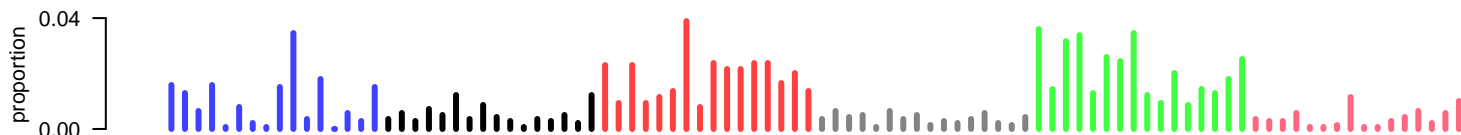
sample_288



sample_252



sample_790



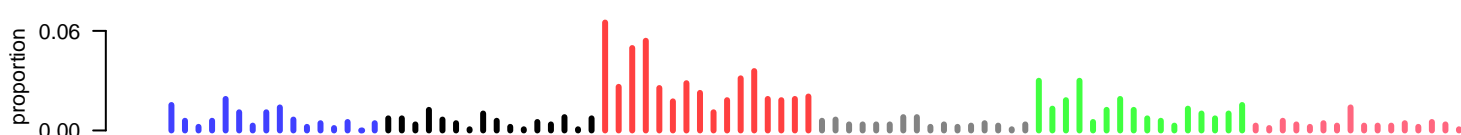
sample_394



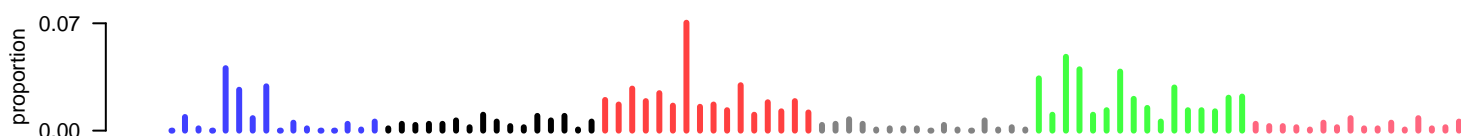
sample_377



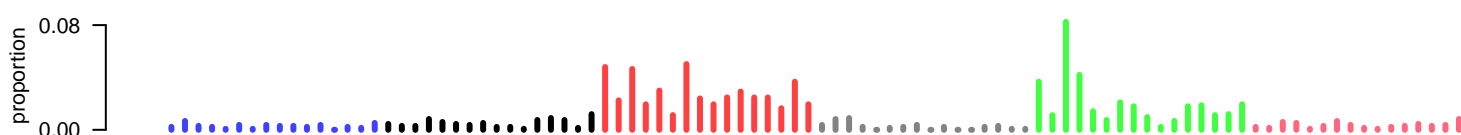
sample_777



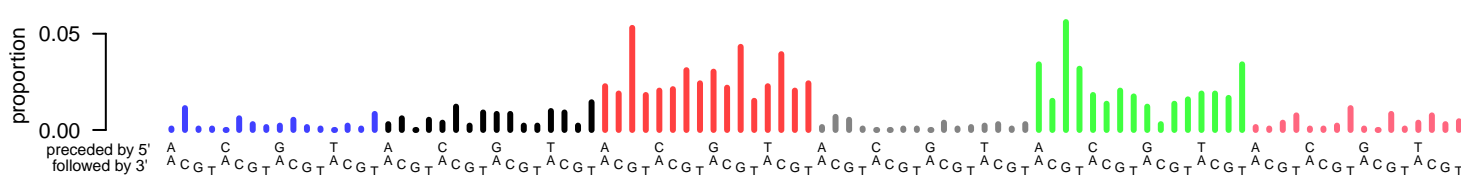
sample_996

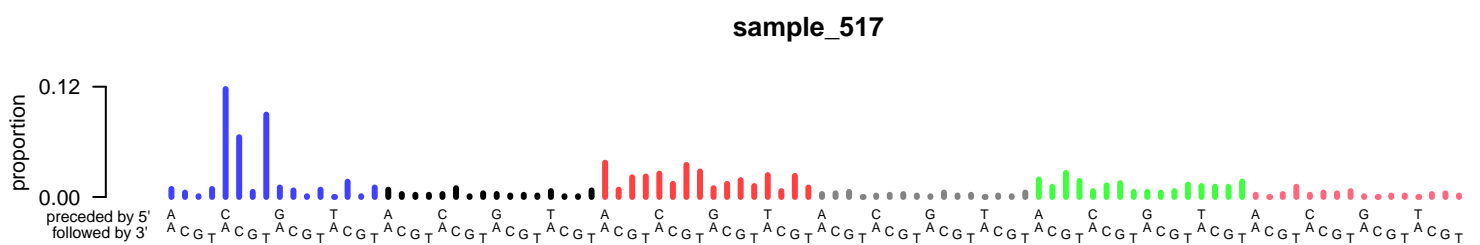
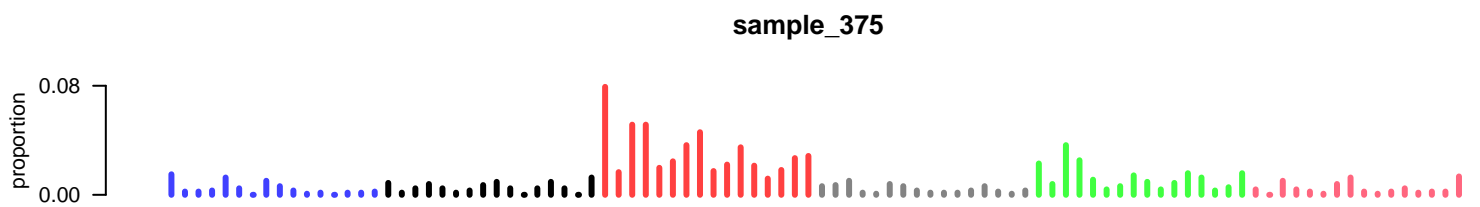
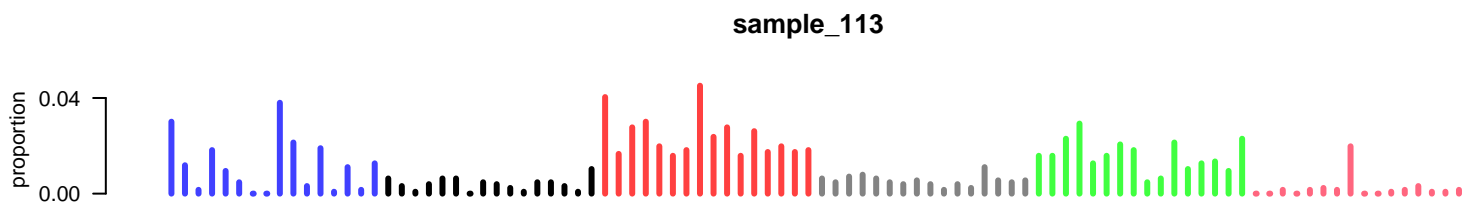
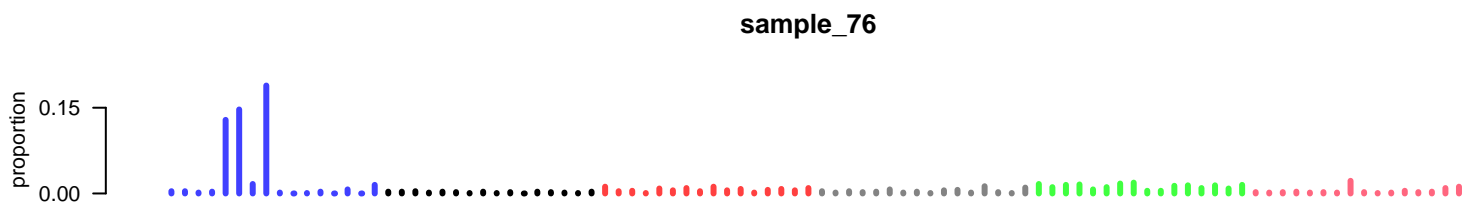
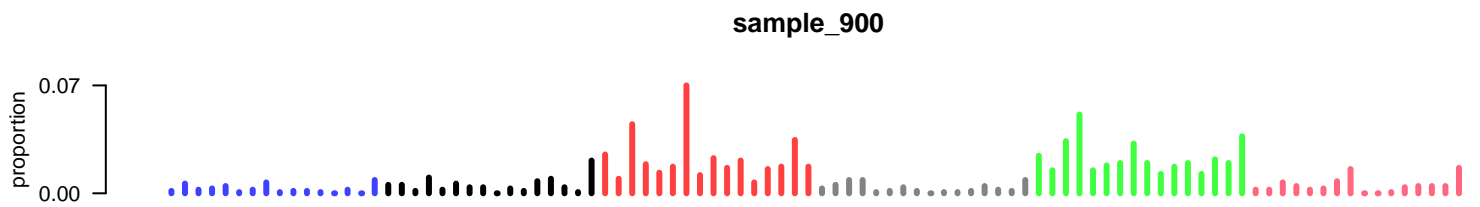
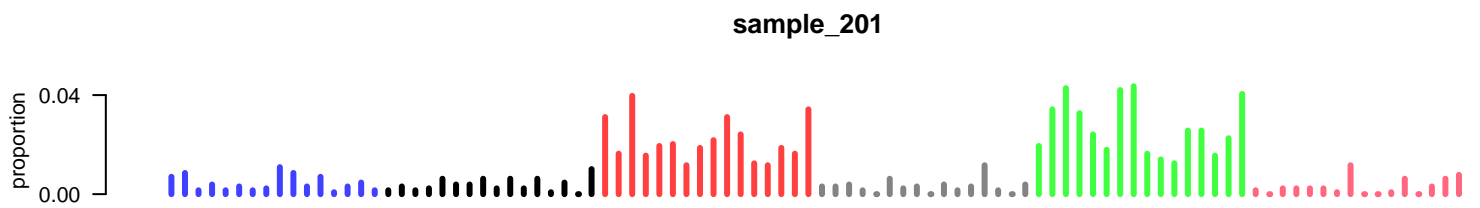
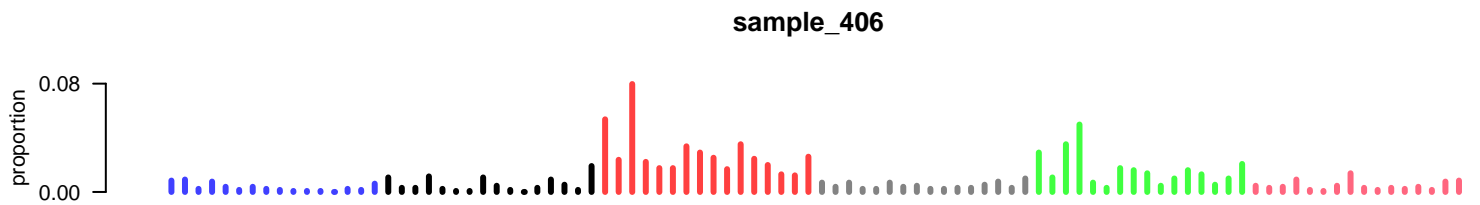
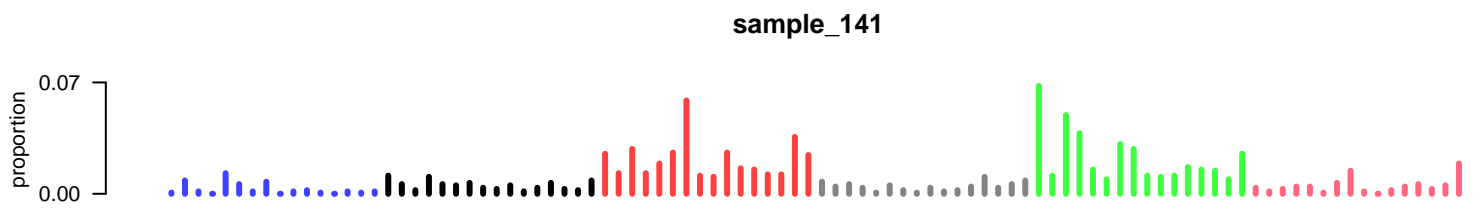


sample_432

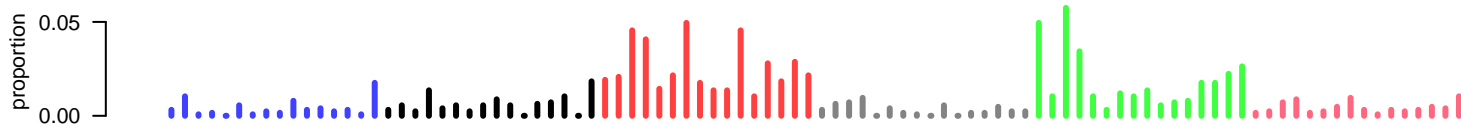


sample_703





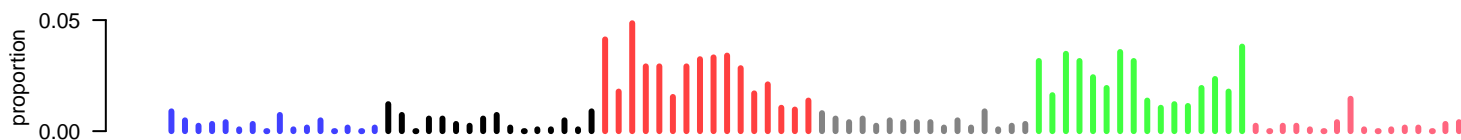
sample_606



sample_514



sample_42



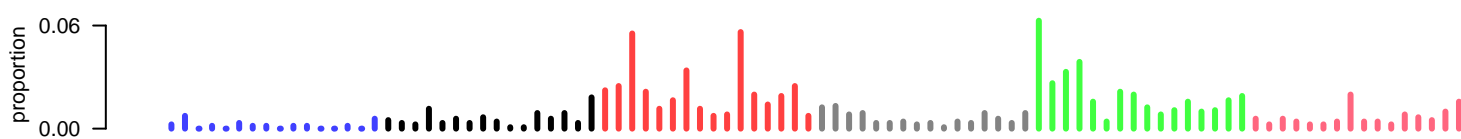
sample_437



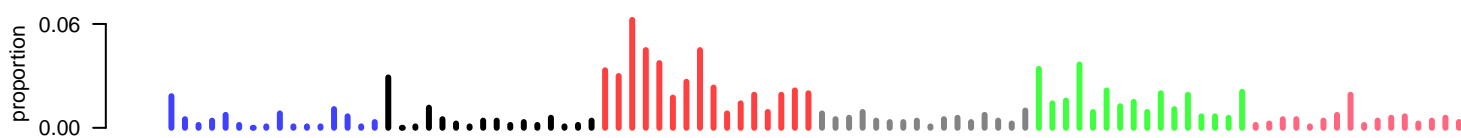
sample_430



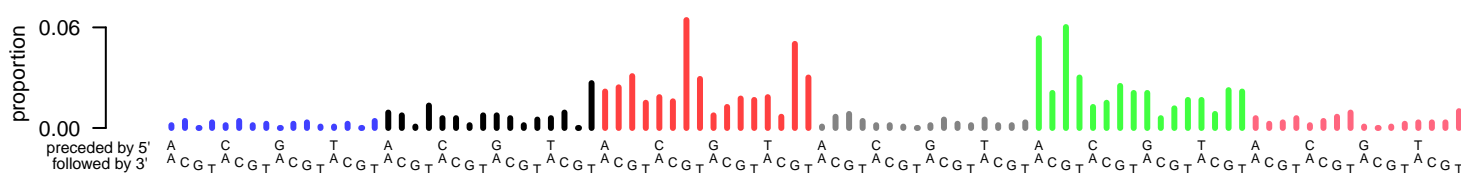
sample_832



sample_86



sample_690



sample_599



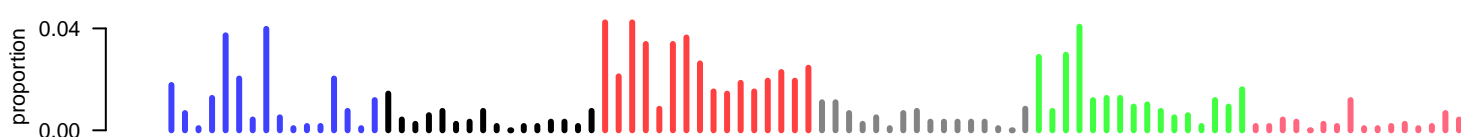
sample_474



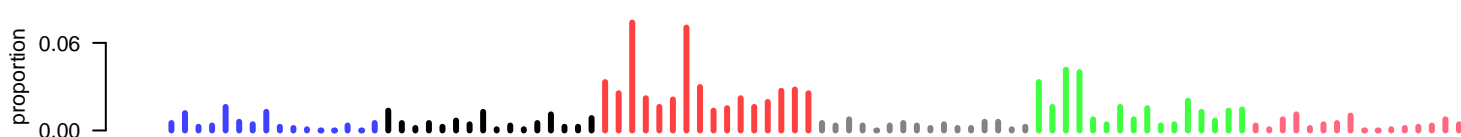
sample_616



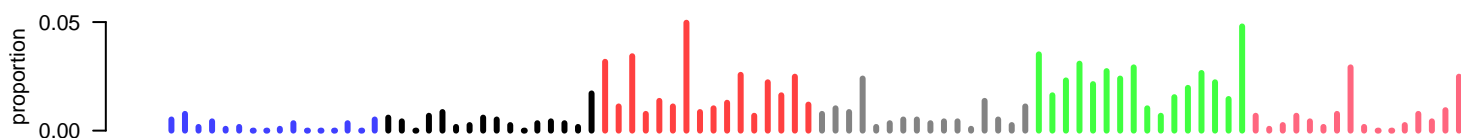
sample_619



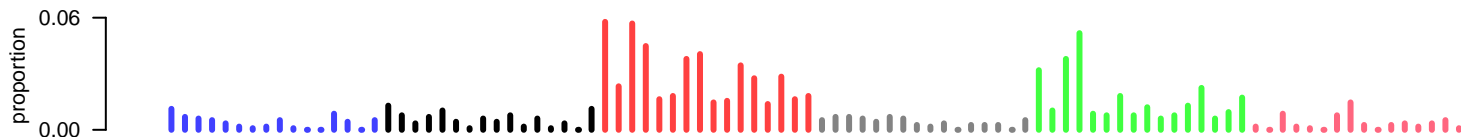
sample_770



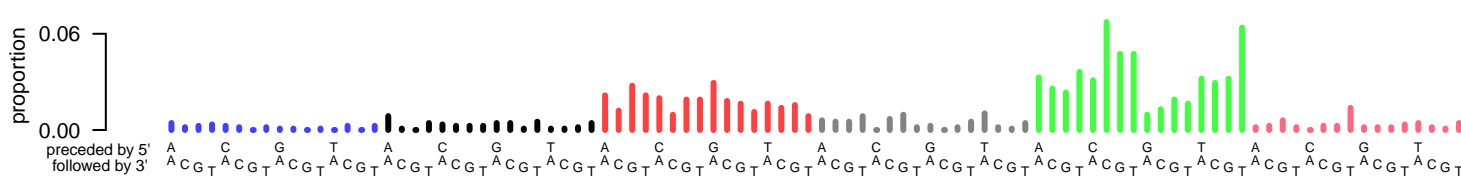
sample_814

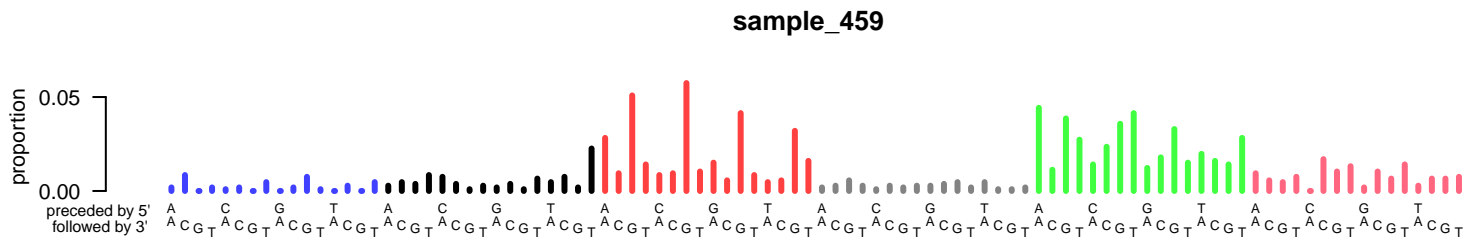
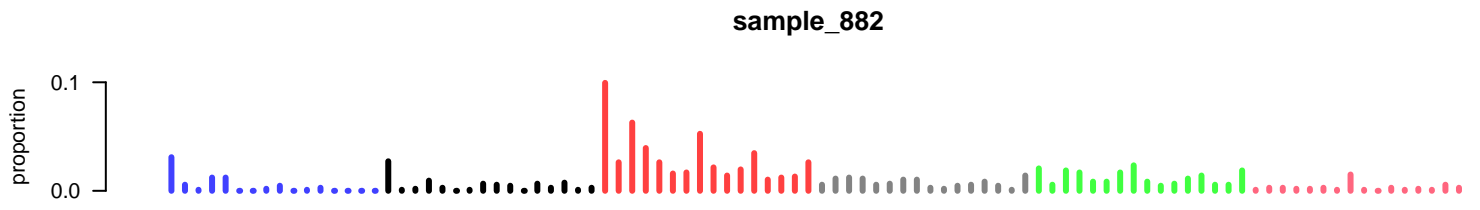
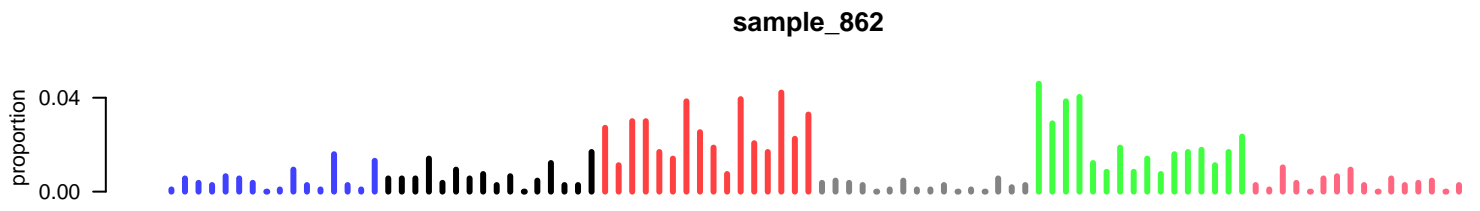
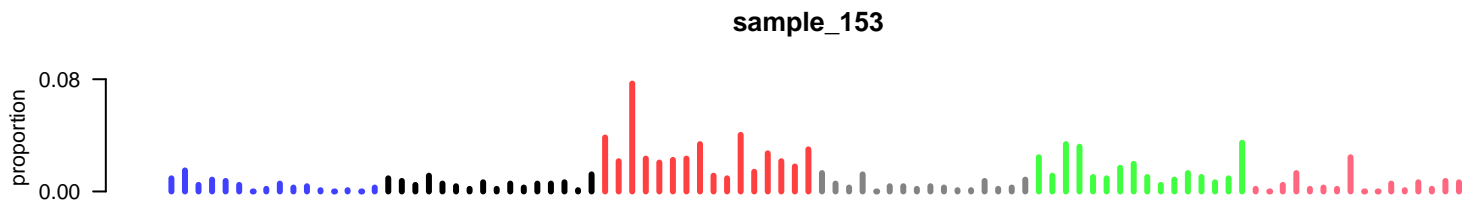
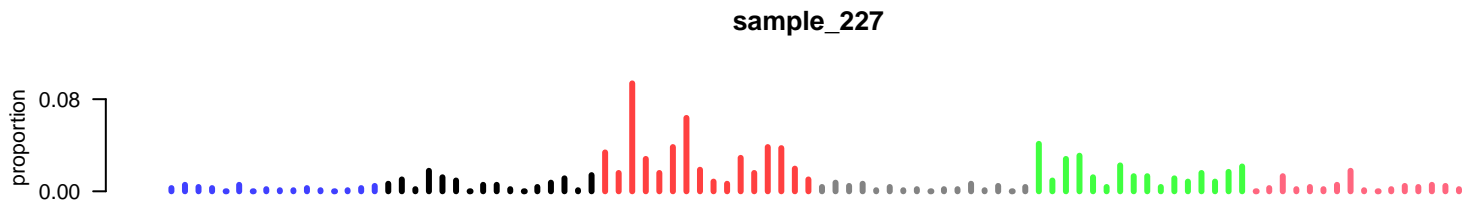
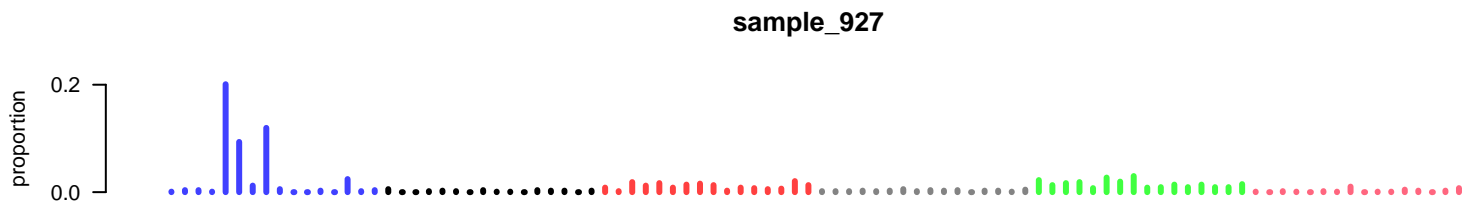
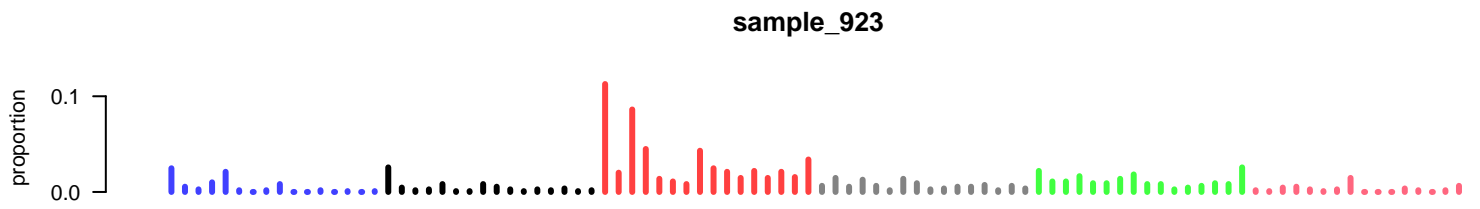
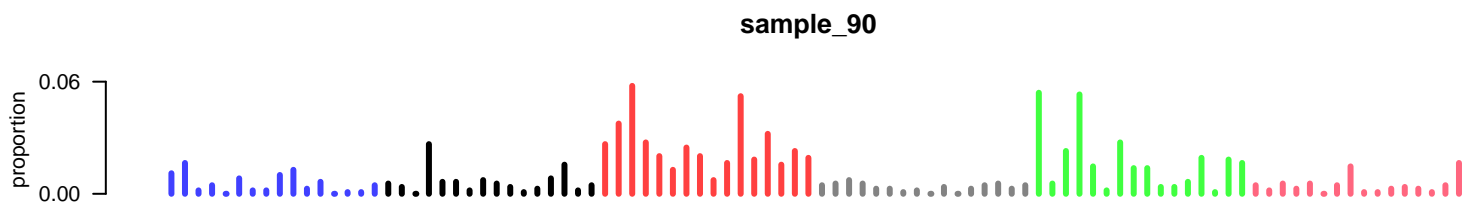


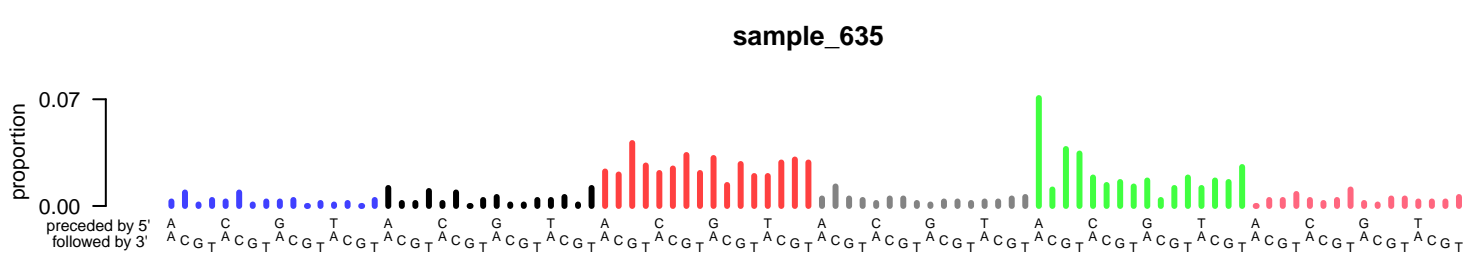
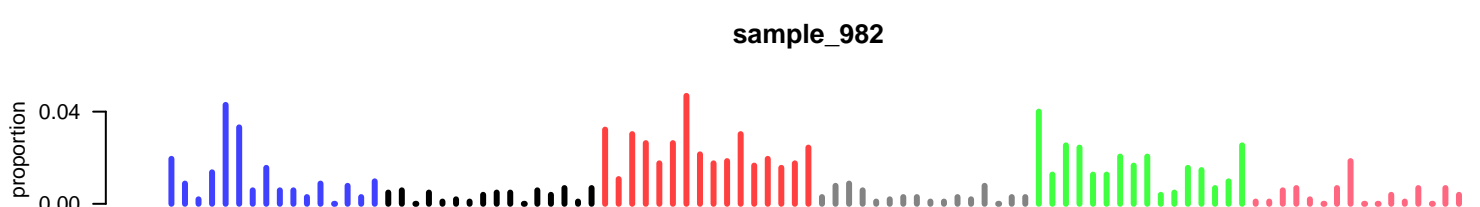
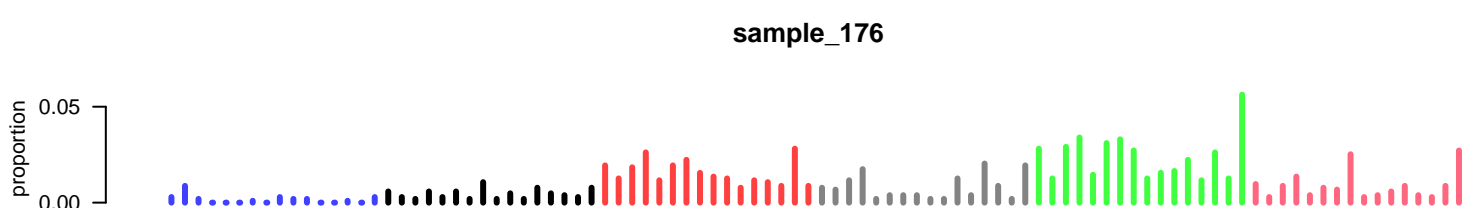
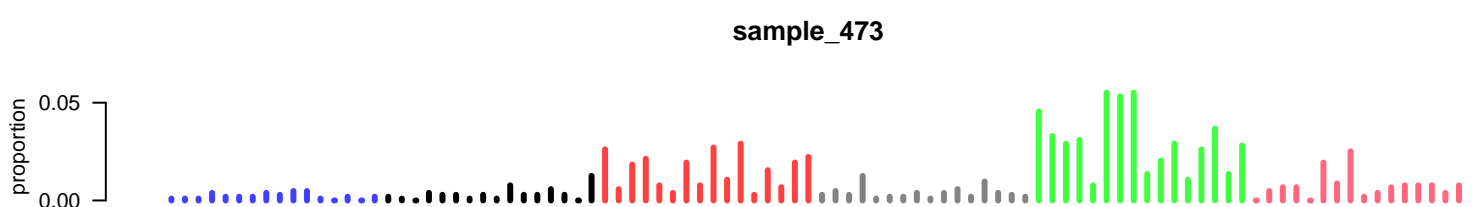
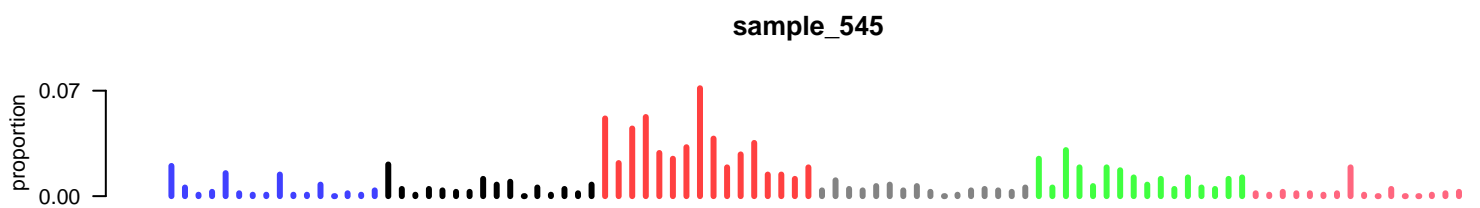
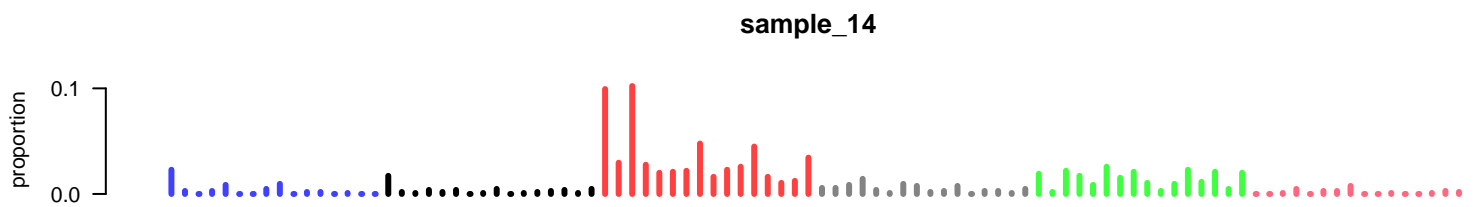
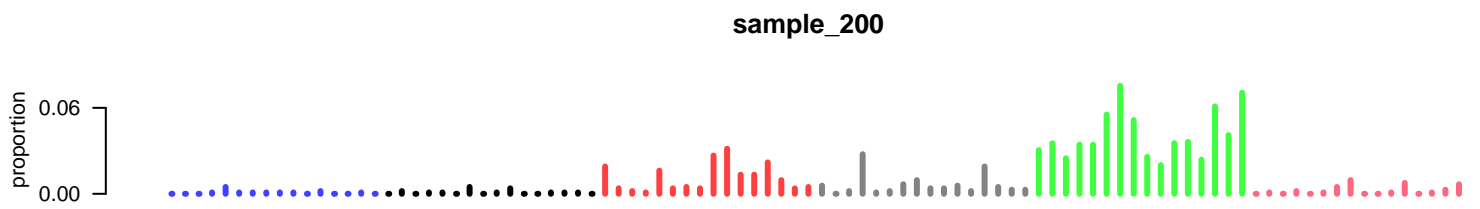
sample_188



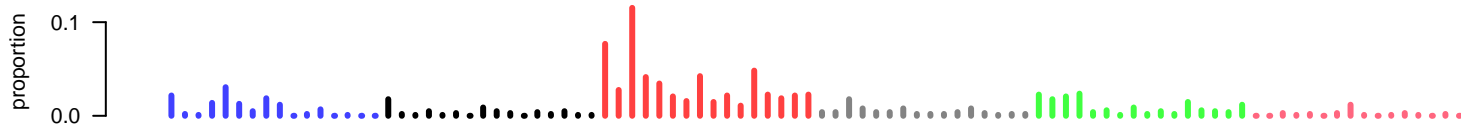
sample_512







sample_571



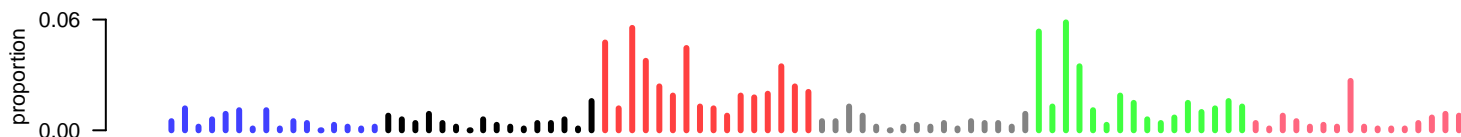
sample_846



sample_284



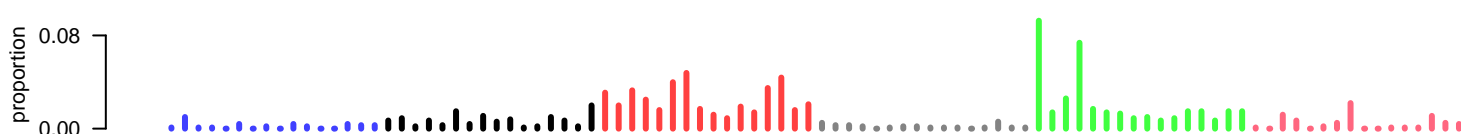
sample_544



sample_567



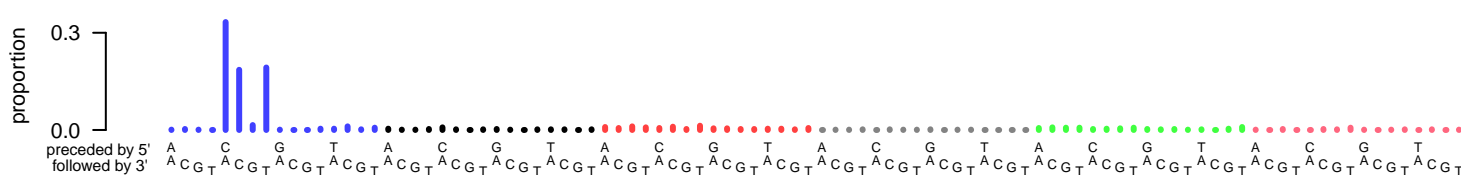
sample_868



sample_199



sample_915



preceded by 5'
followed by 3'

sample_107



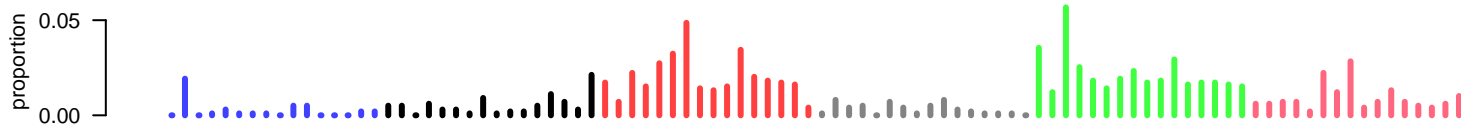
sample_467



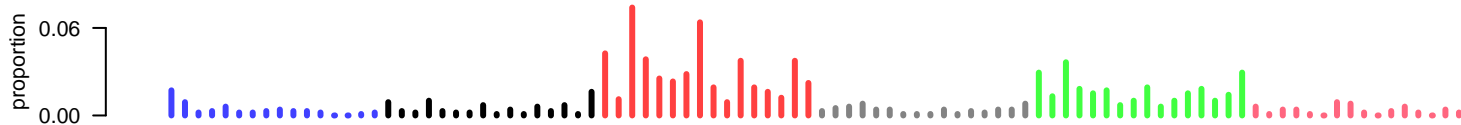
sample_84



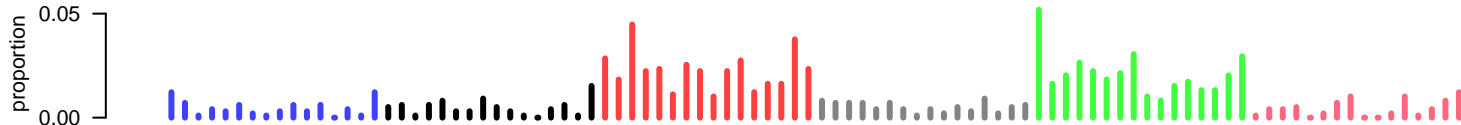
sample_750



sample_784



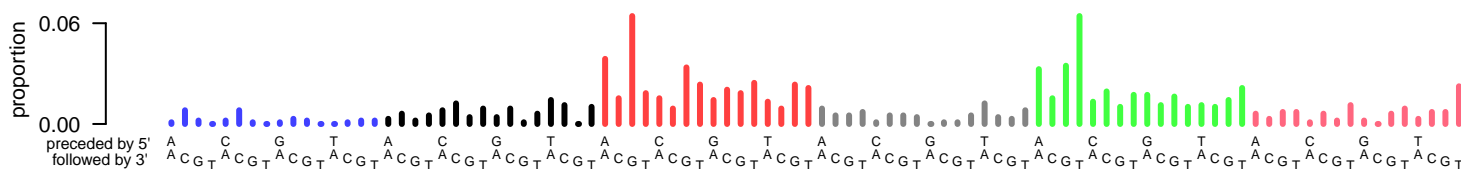
sample_922

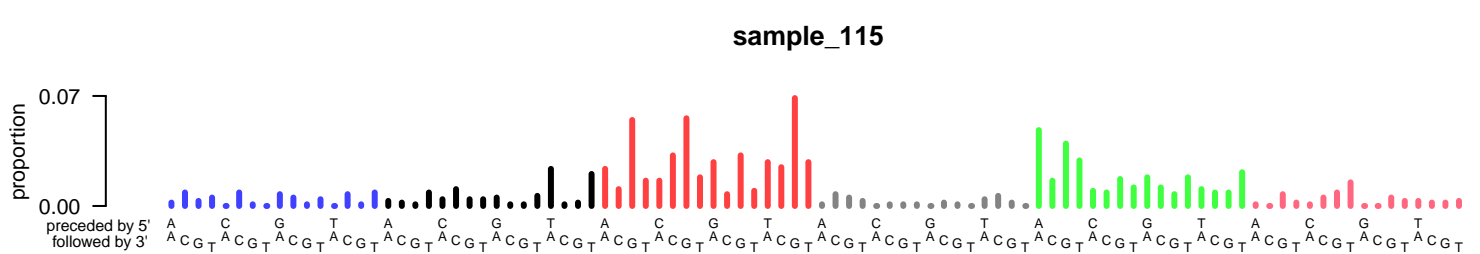
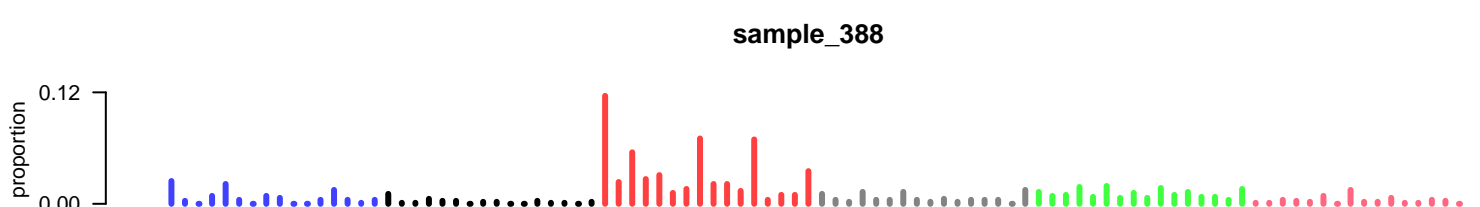
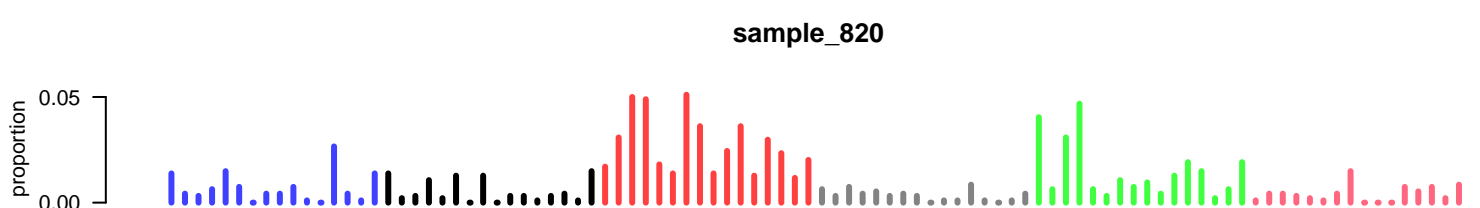
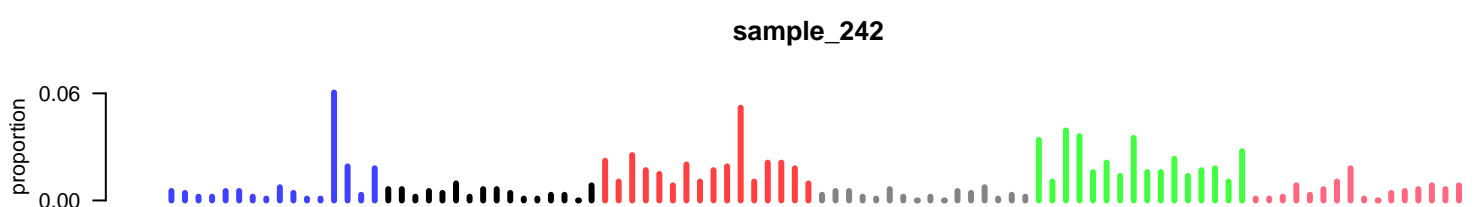
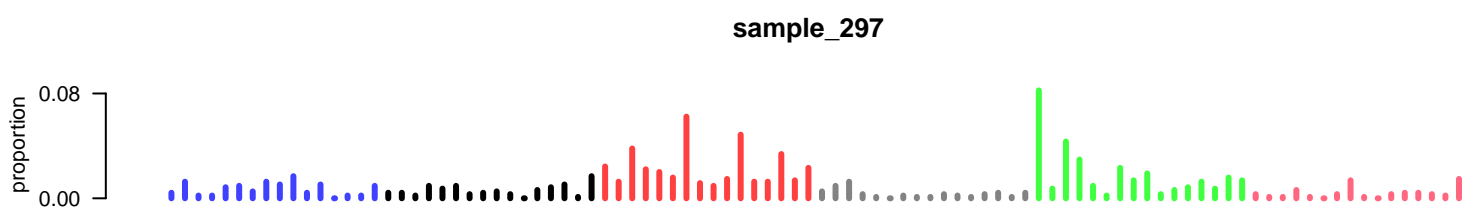
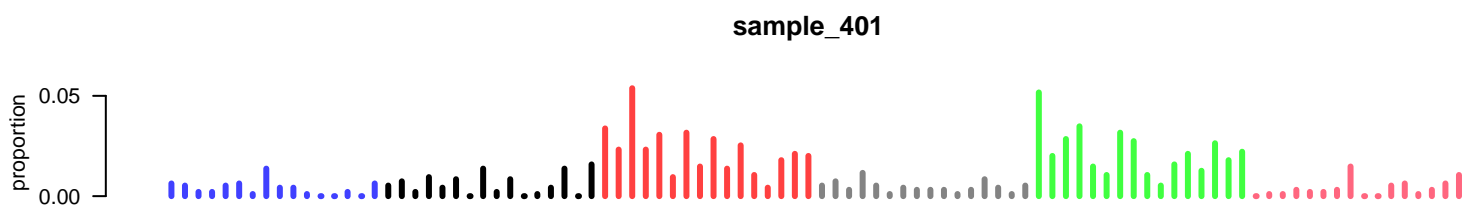
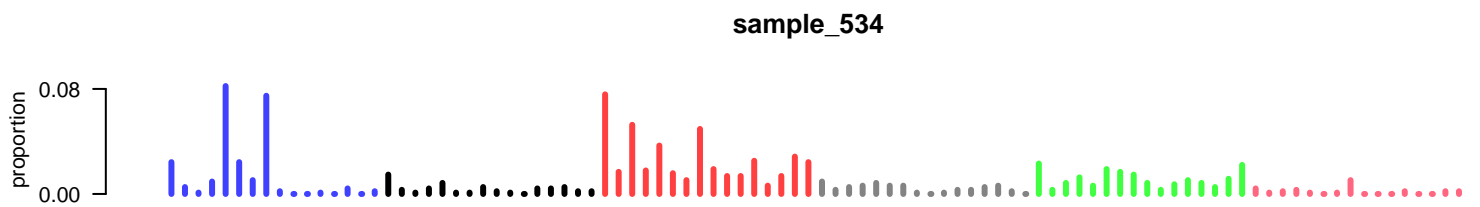
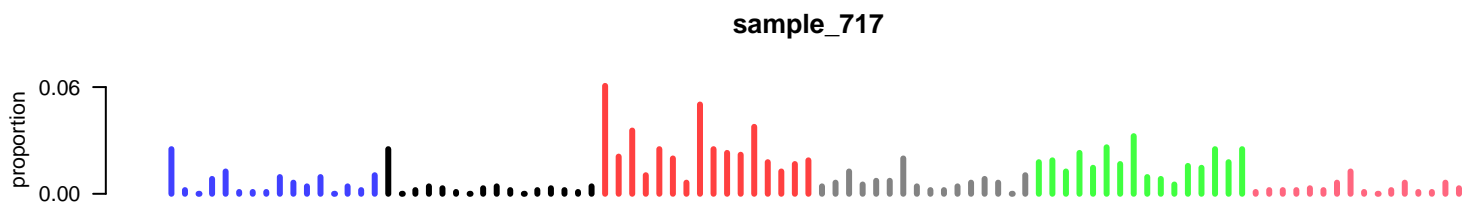


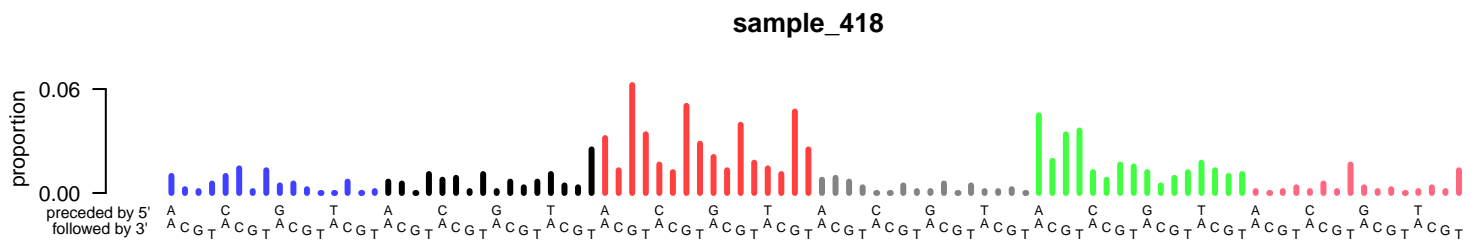
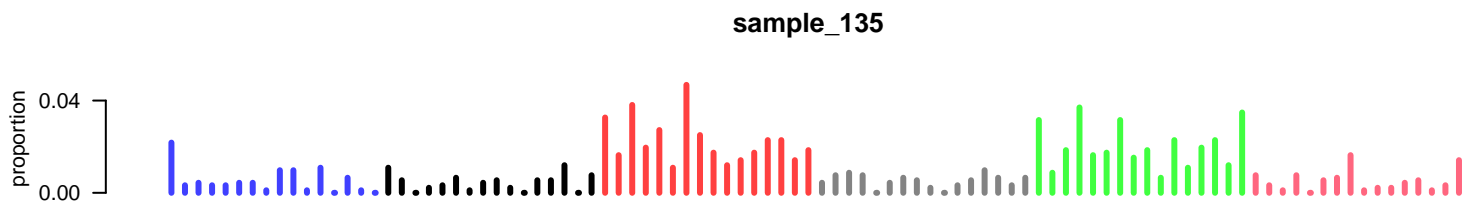
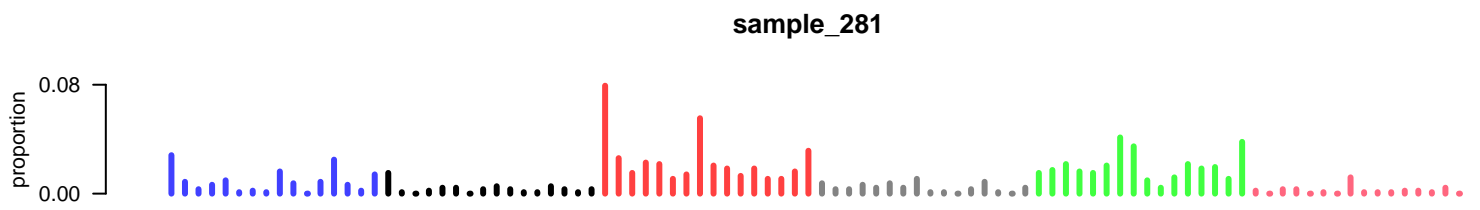
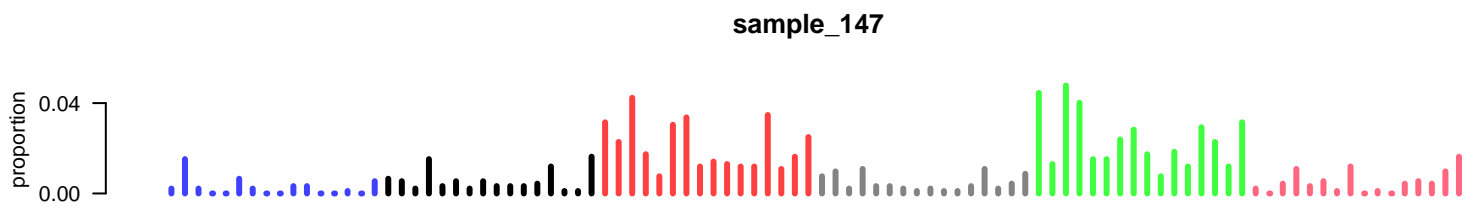
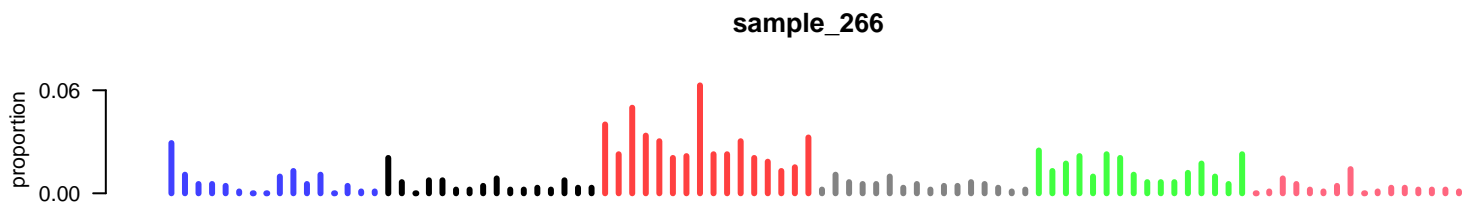
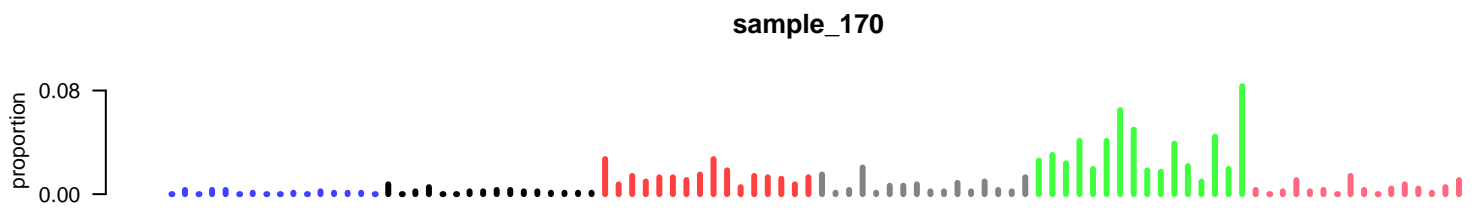
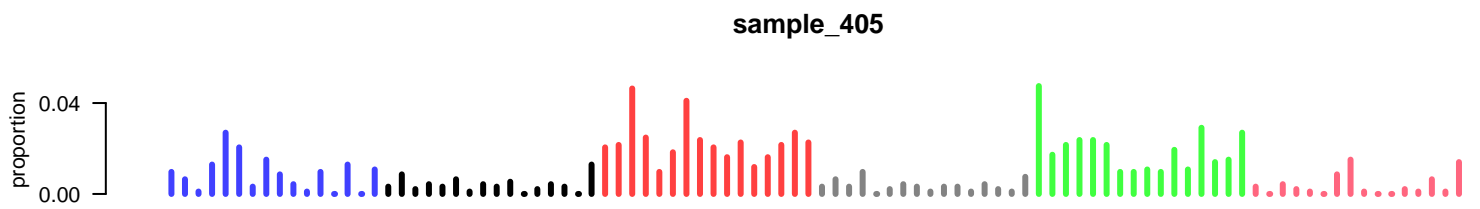
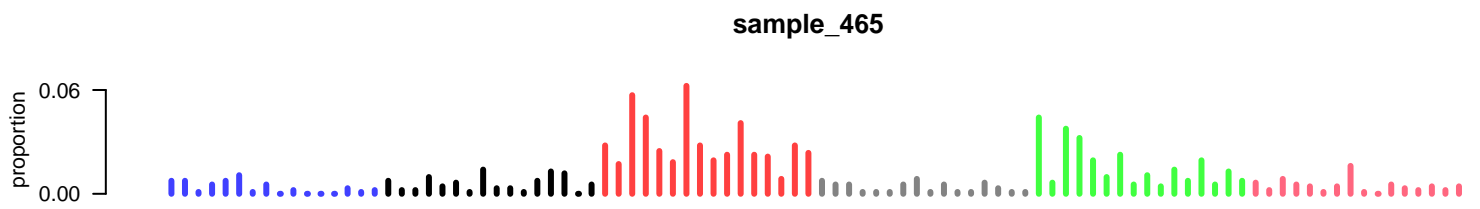
sample_448



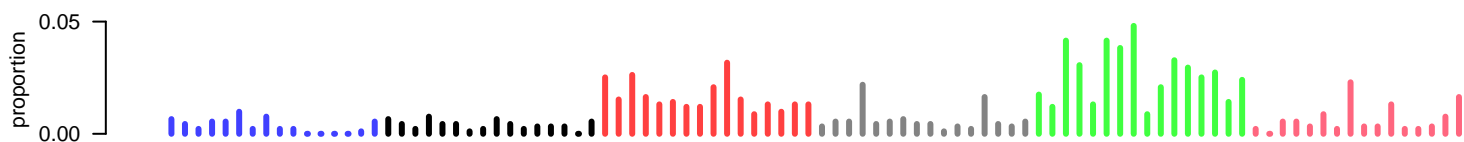
sample_788







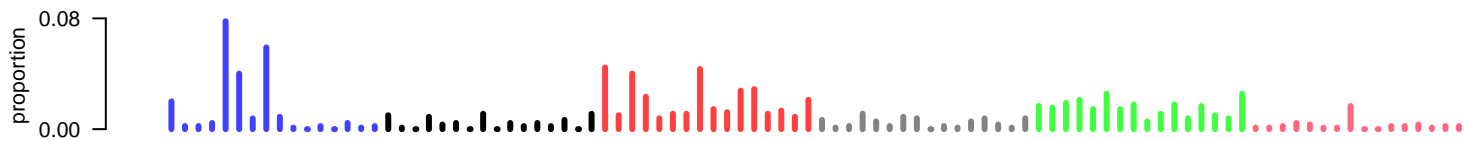
sample_565



sample_229



sample_26



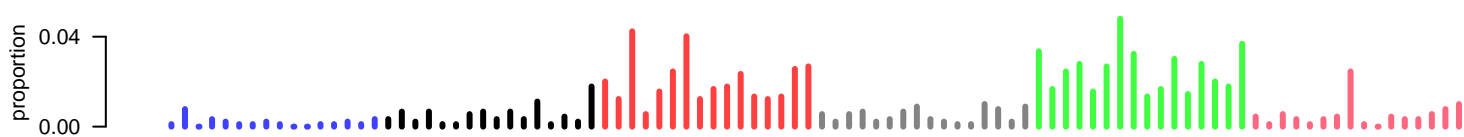
sample_873



sample_237



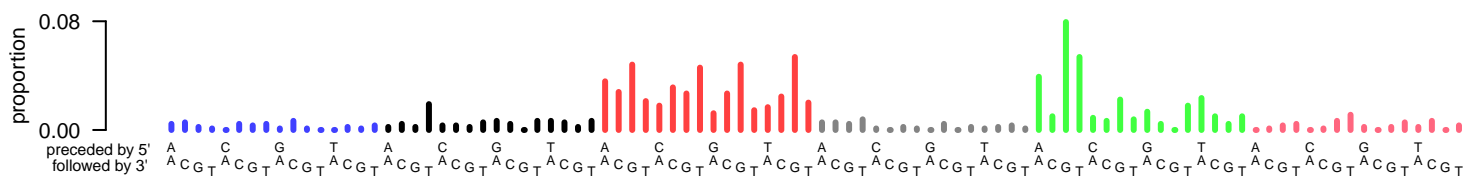
sample_946

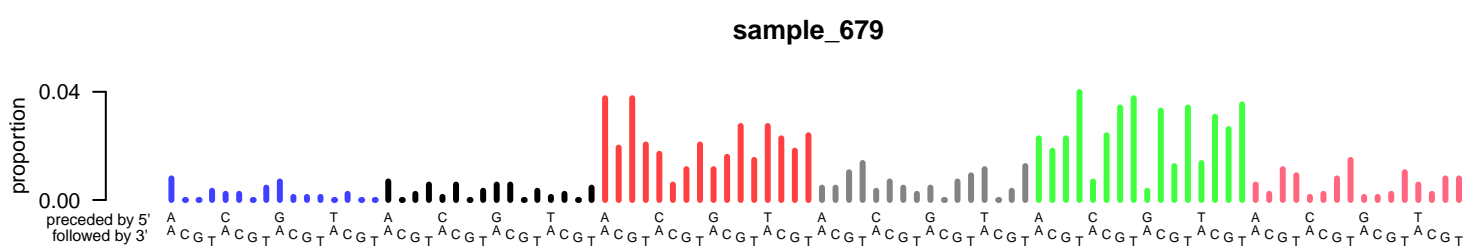
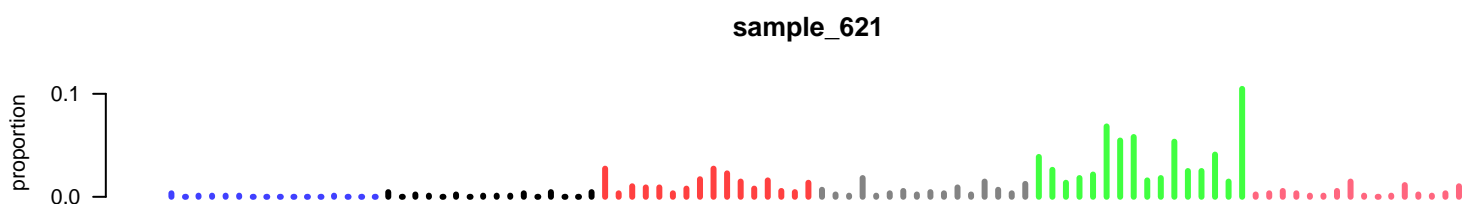
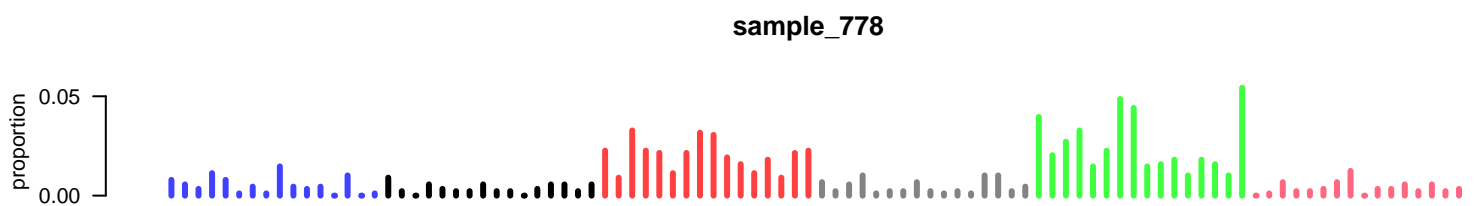
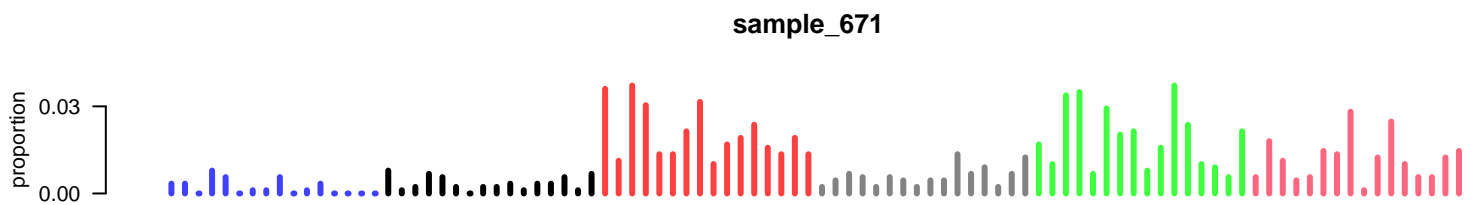
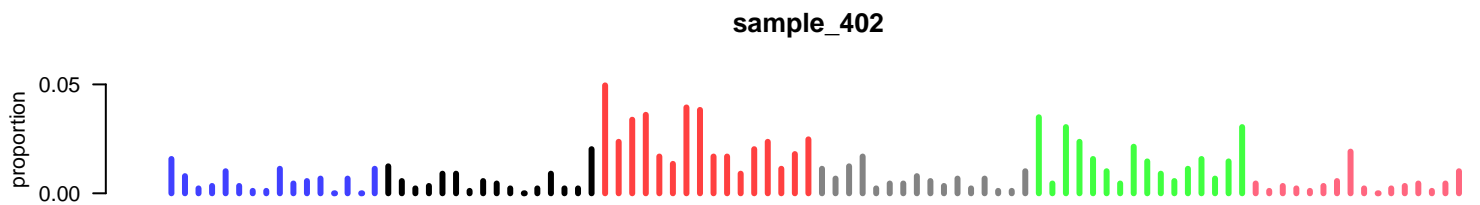
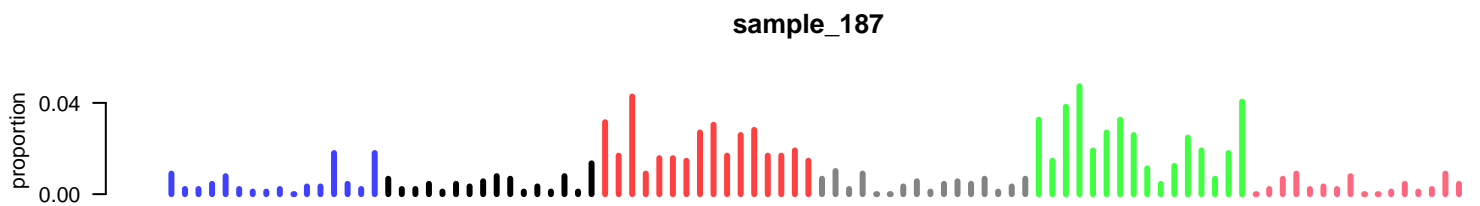
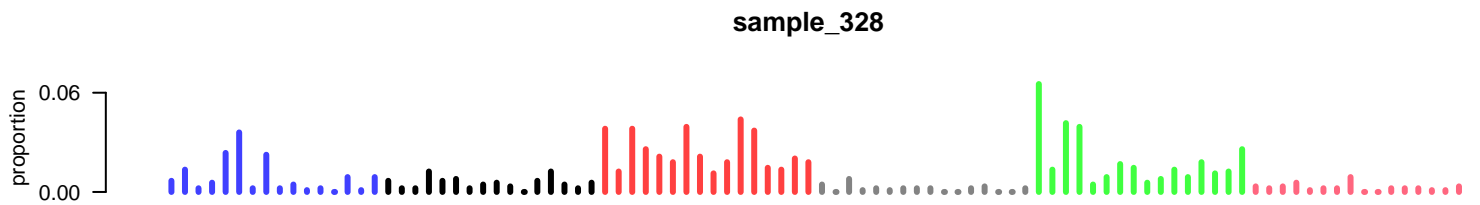
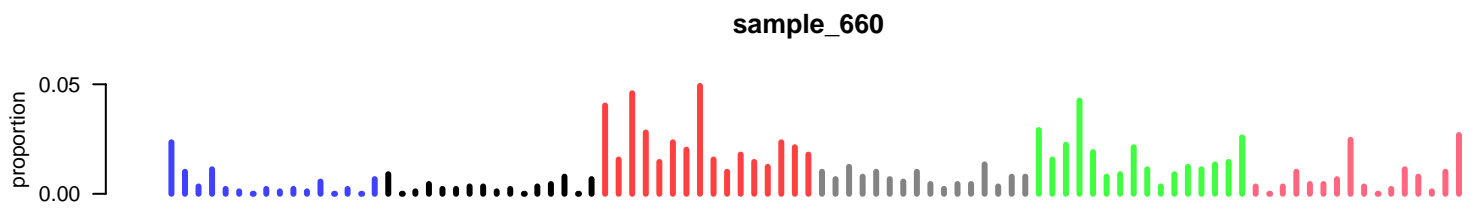


sample_27



sample_824

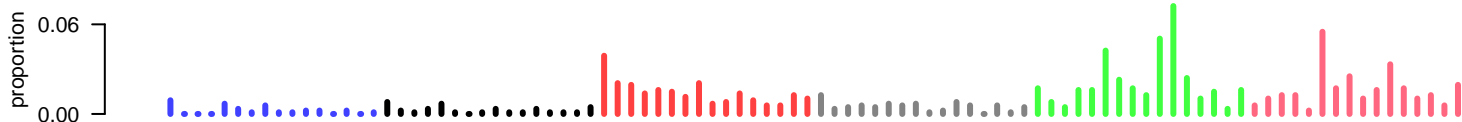




sample_253



sample_138



sample_559



sample_906



sample_507



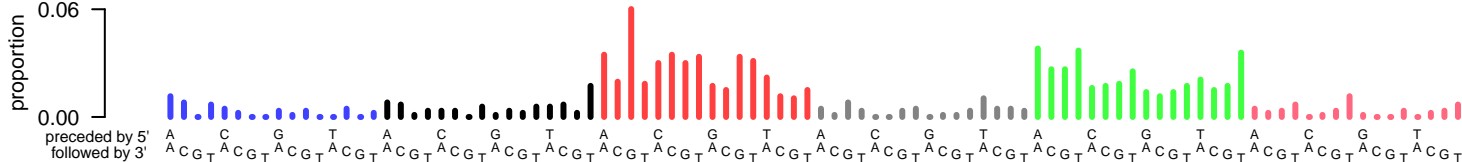
sample_87

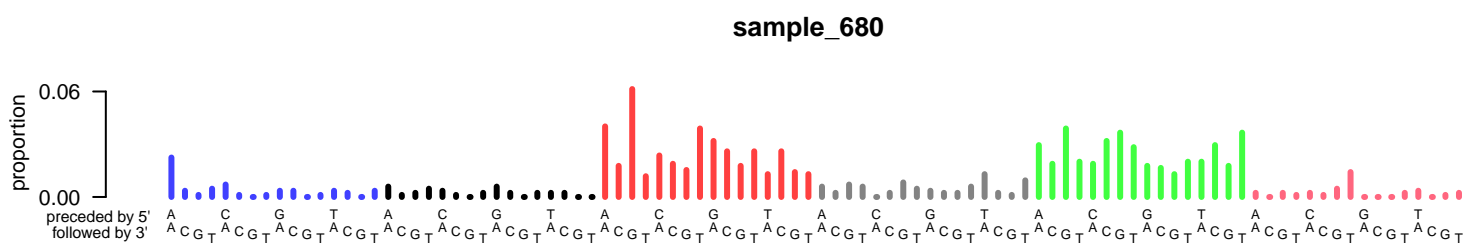
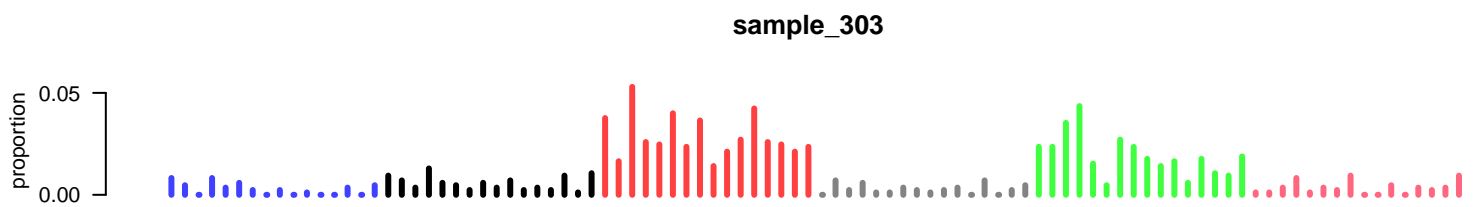
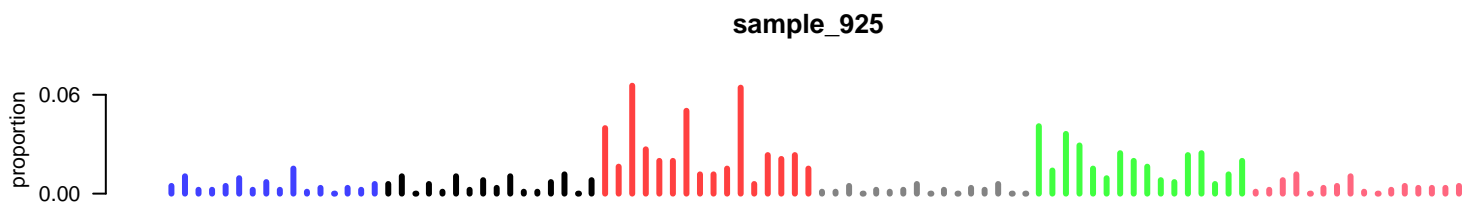
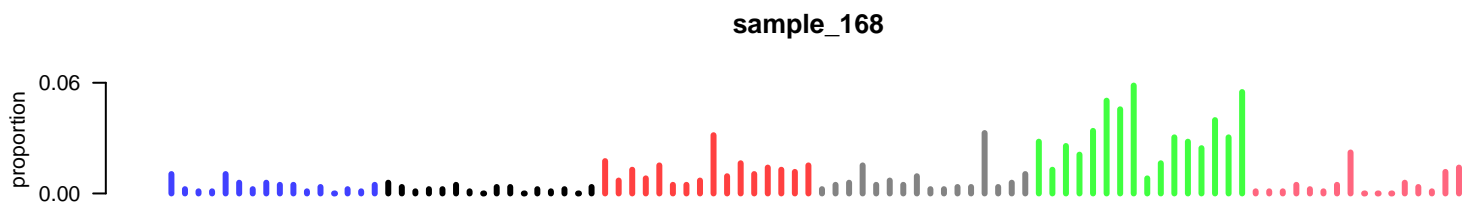
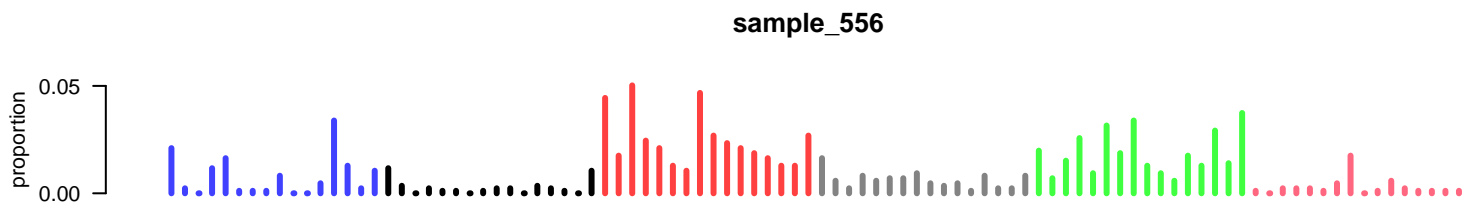
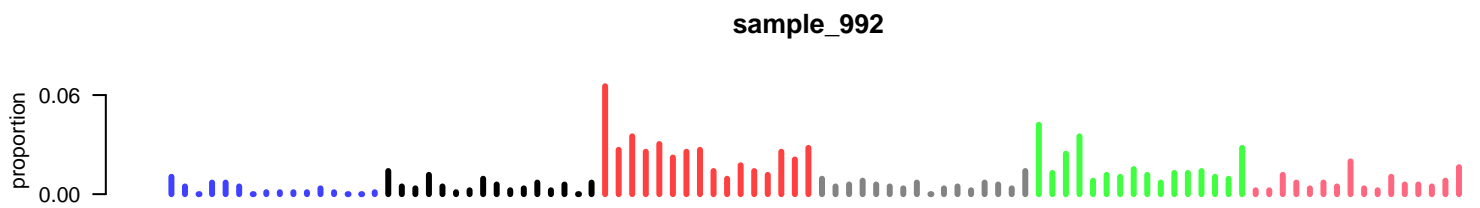
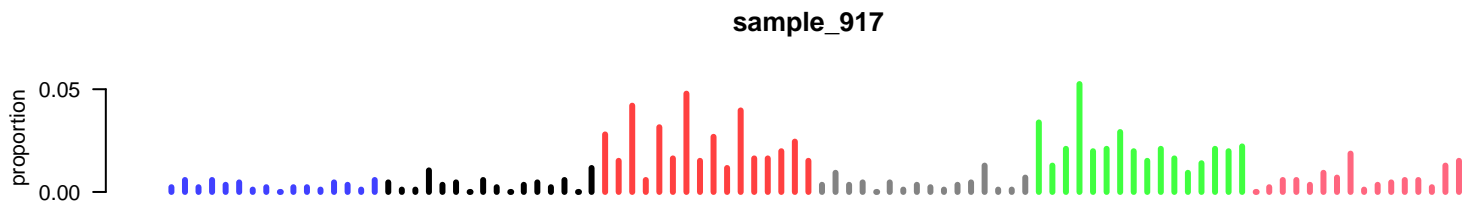
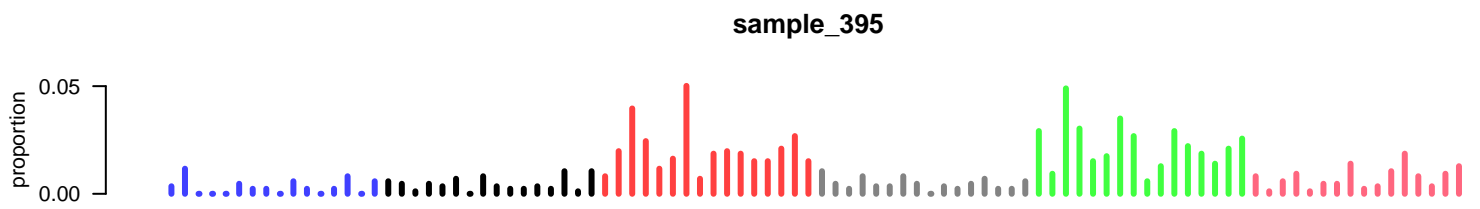


sample_886



sample_321





sample_64



sample_691



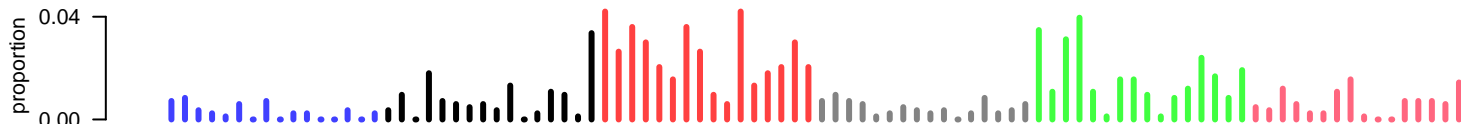
sample_950



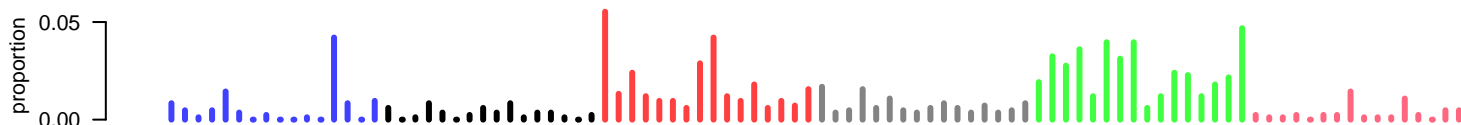
sample_178



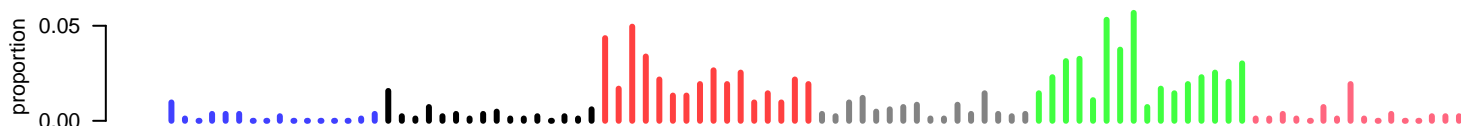
sample_603



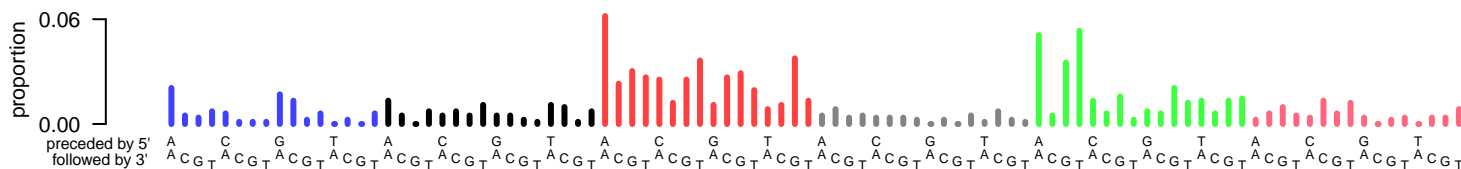
sample_74



sample_576



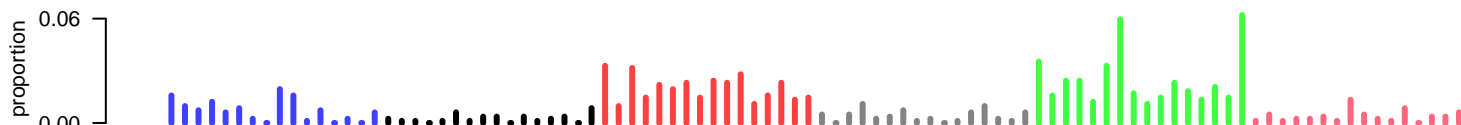
sample_929



sample_708



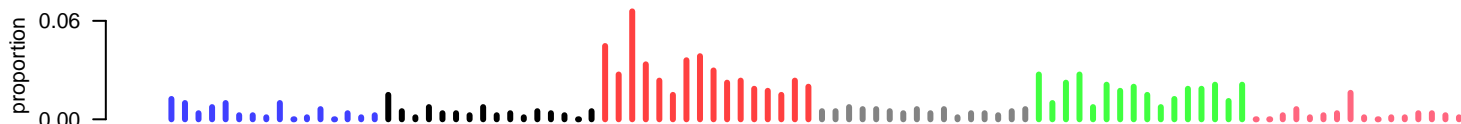
sample_222



sample_991



sample_315



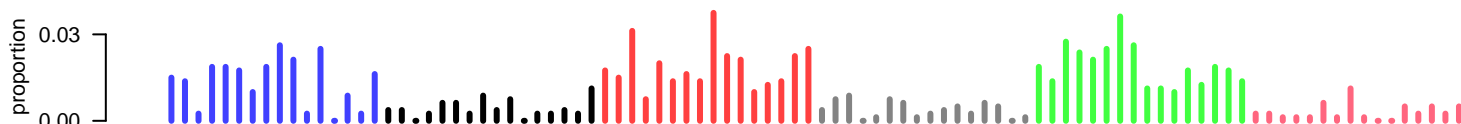
sample_292



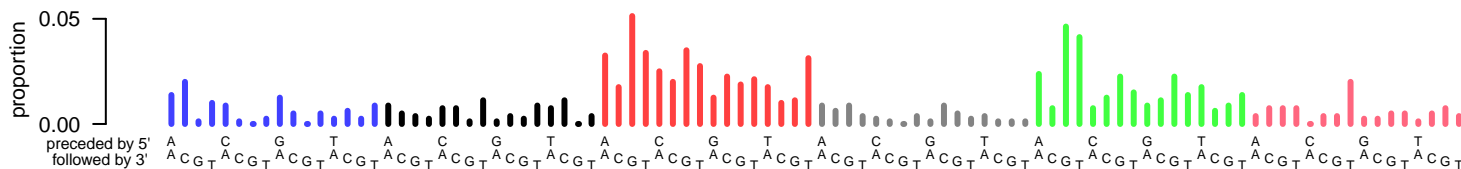
sample_306



sample_651



sample_18



sample_157



sample_344



sample_263



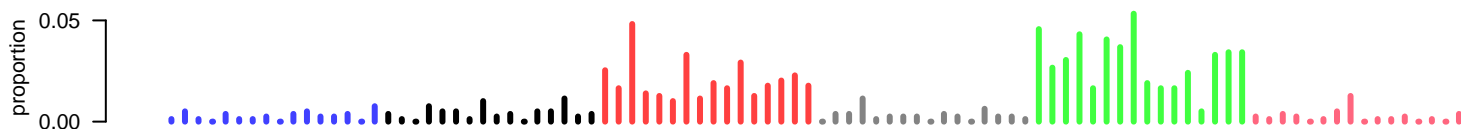
sample_318



sample_898



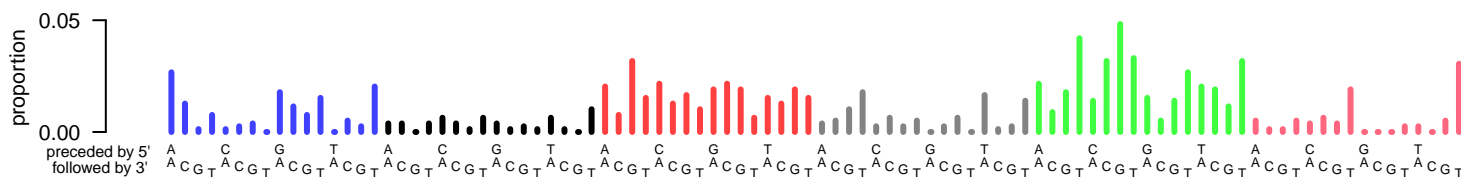
sample_137



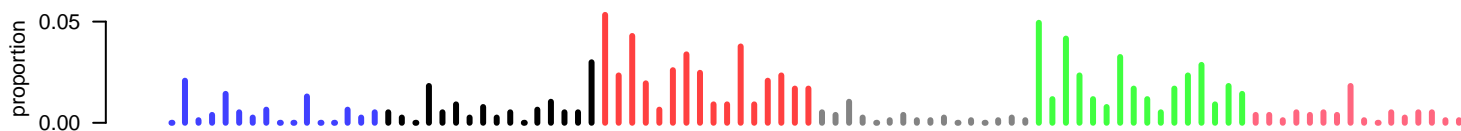
sample_108



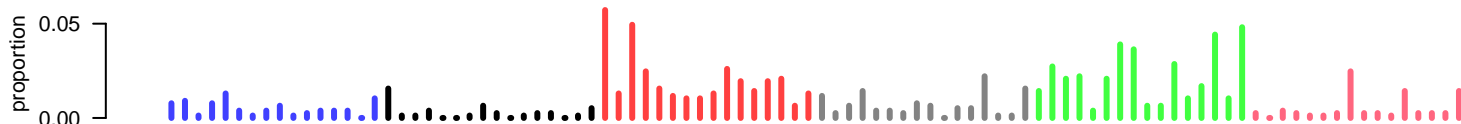
sample_32



sample_356



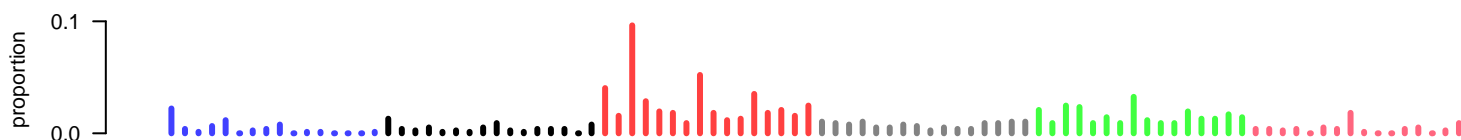
sample_638



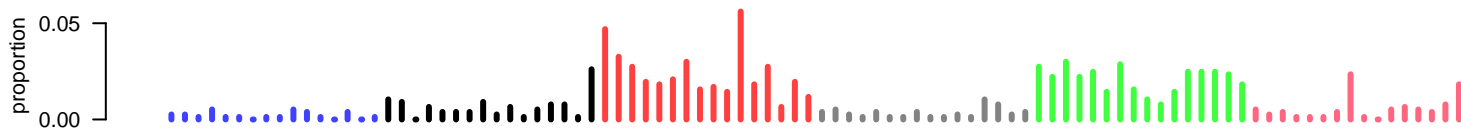
sample_911



sample_146



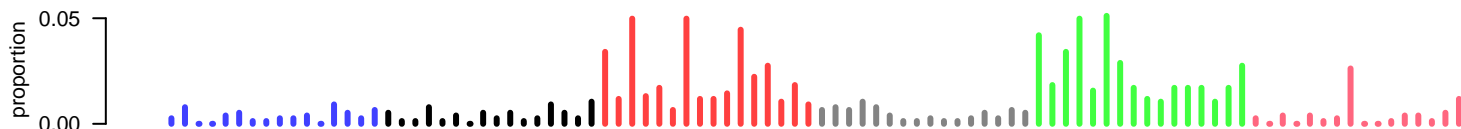
sample_354



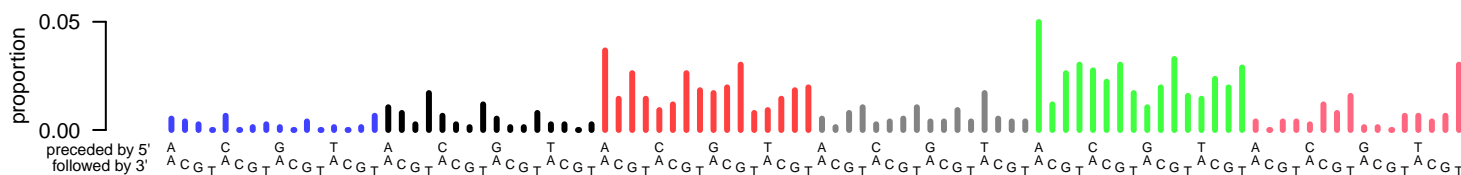
sample_908



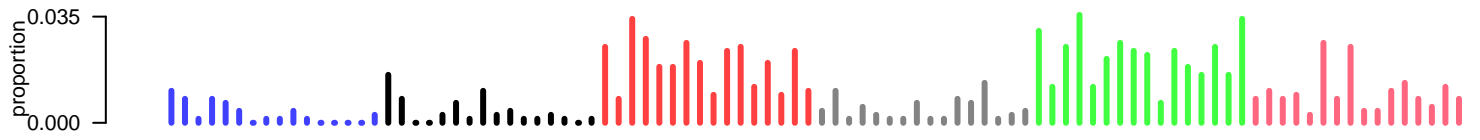
sample_949



sample_527



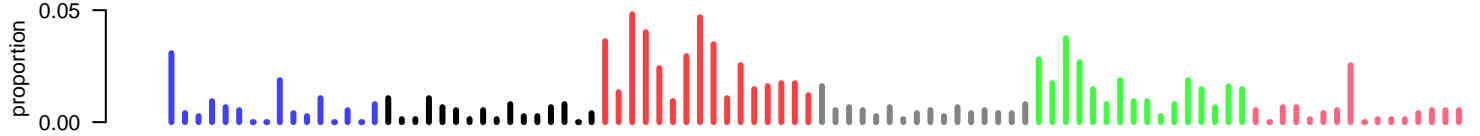
sample_954



sample_479



sample_451



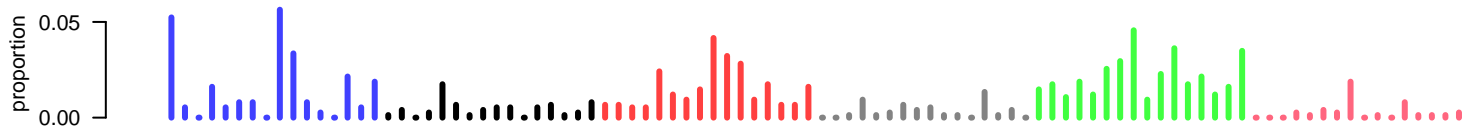
sample_468



sample_327



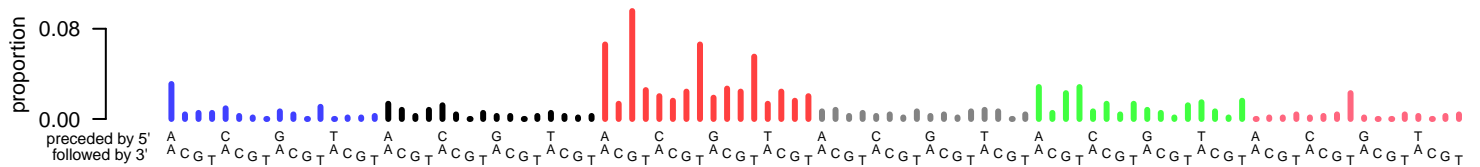
sample_133



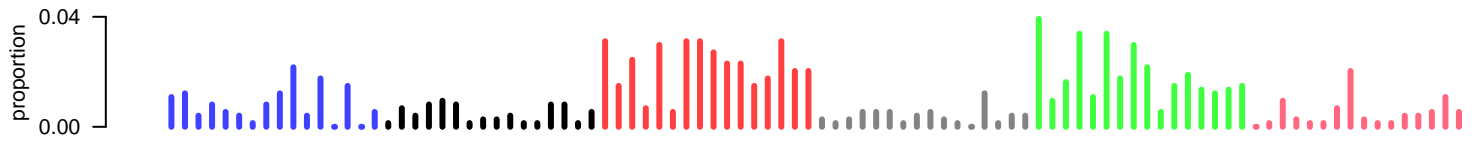
sample_866



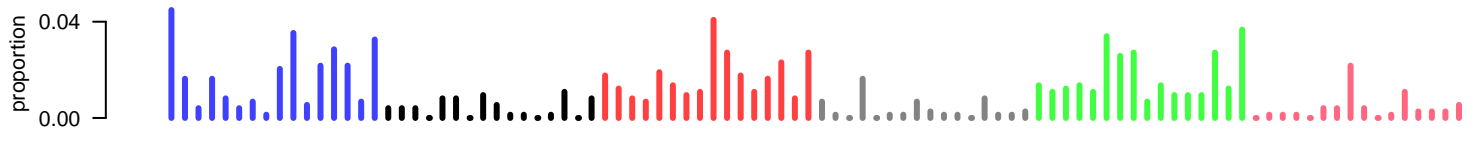
sample_162



sample_739



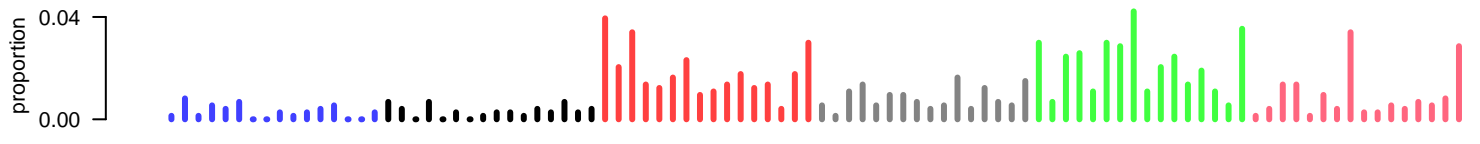
sample_502



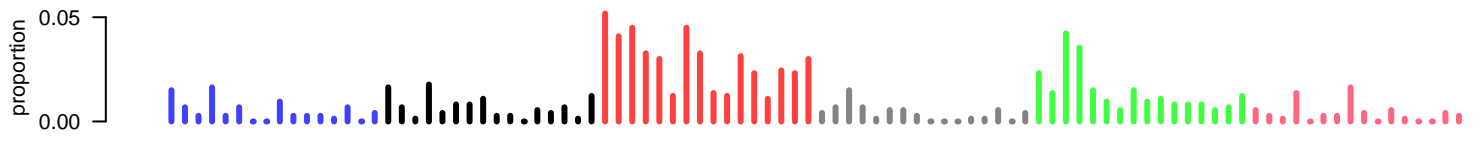
sample_496



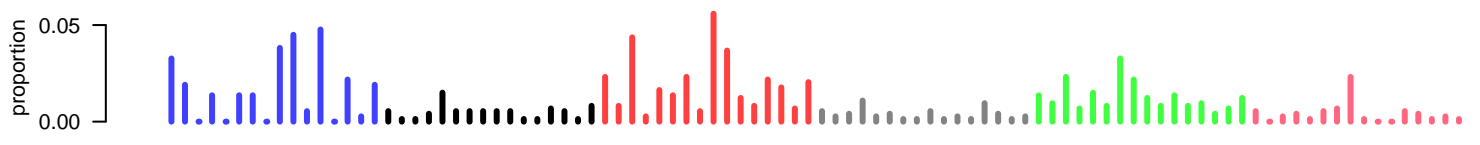
sample_936



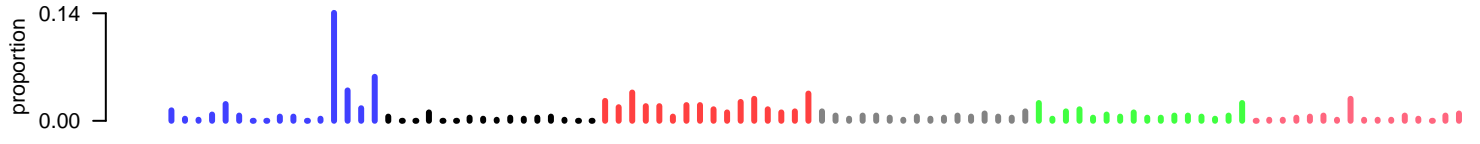
sample_246



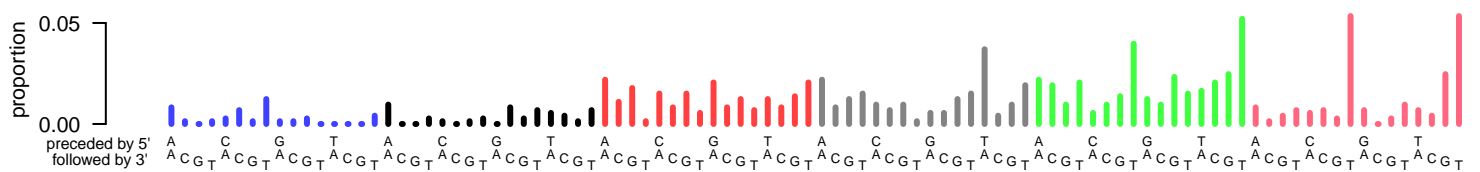
sample_997

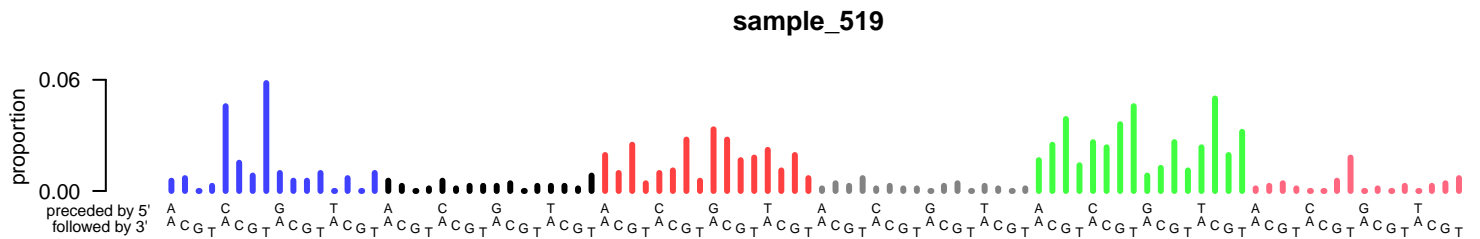
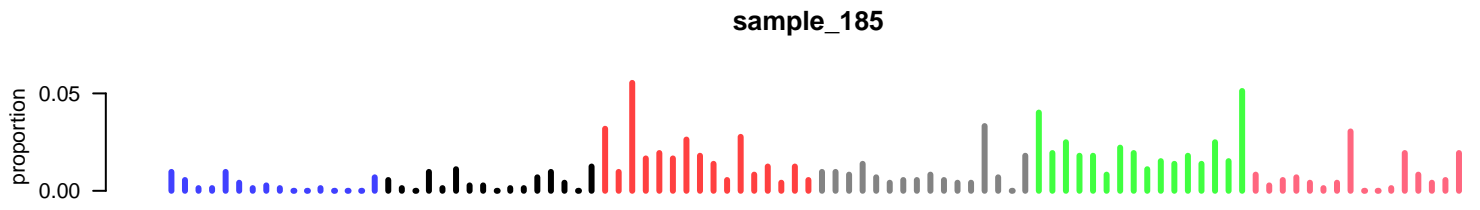
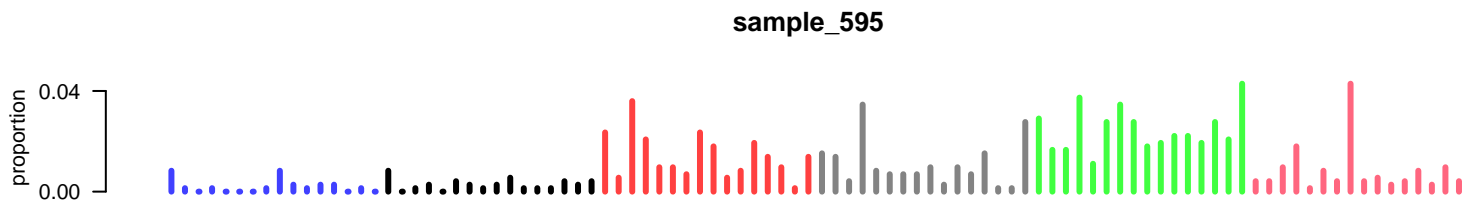
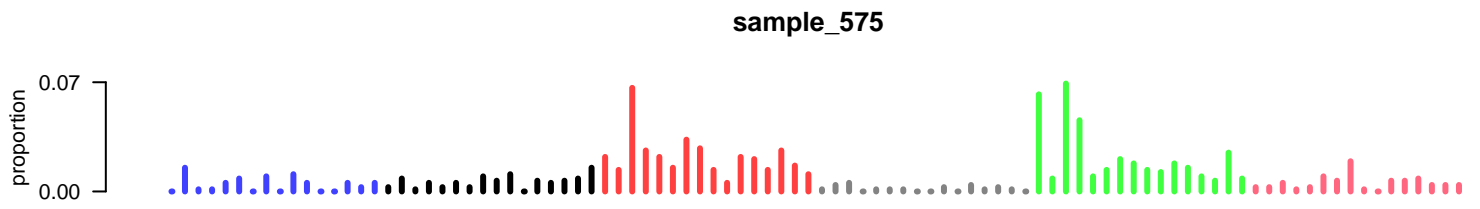
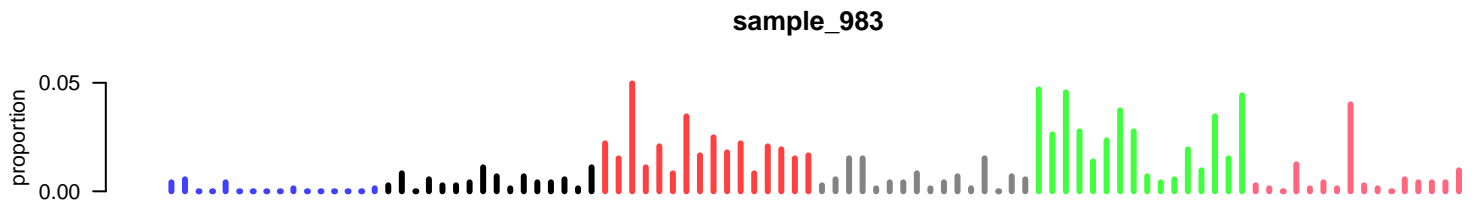
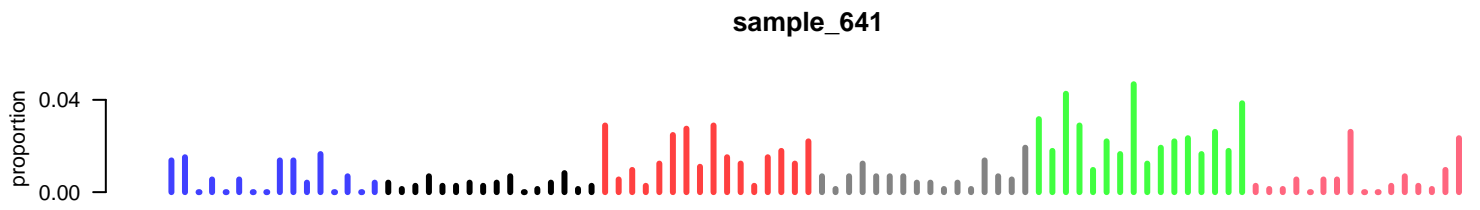
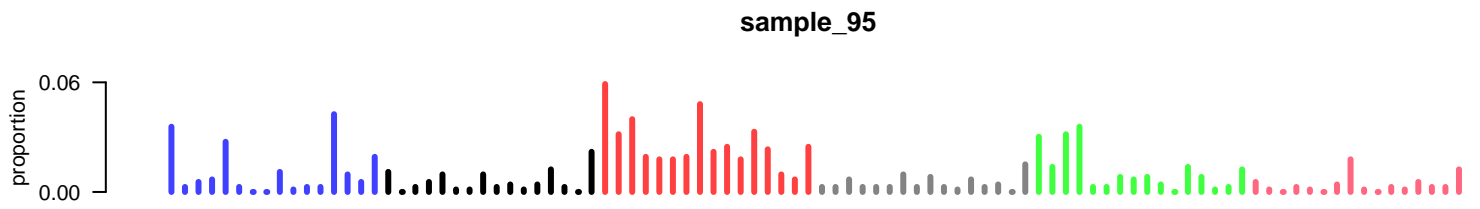
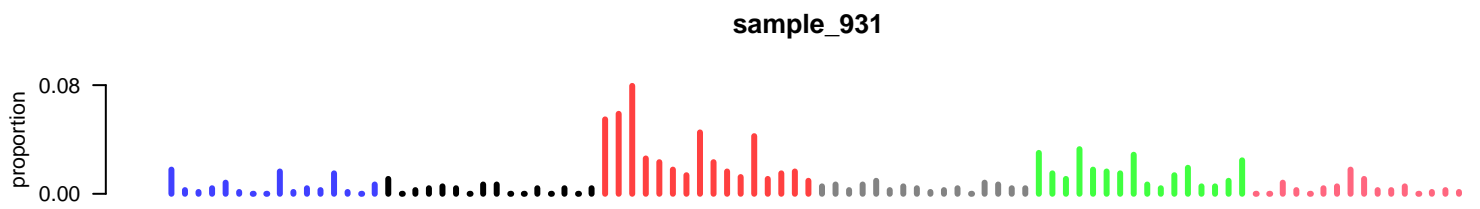


sample_743



sample_449





sample_685



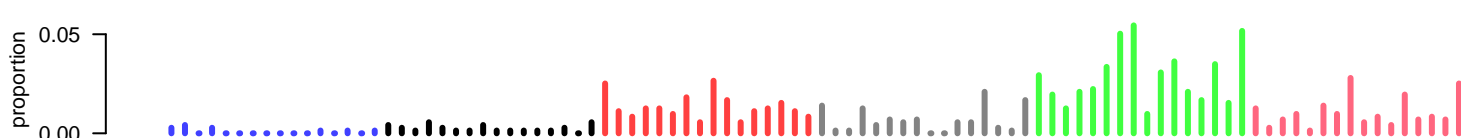
sample_78



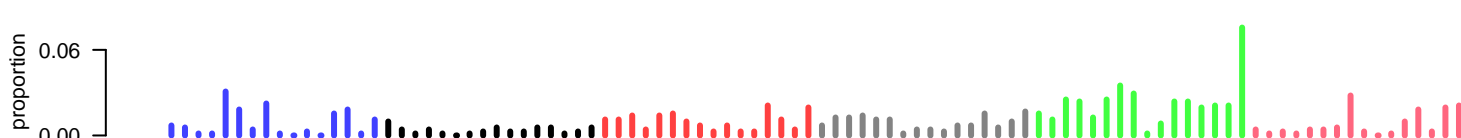
sample_718



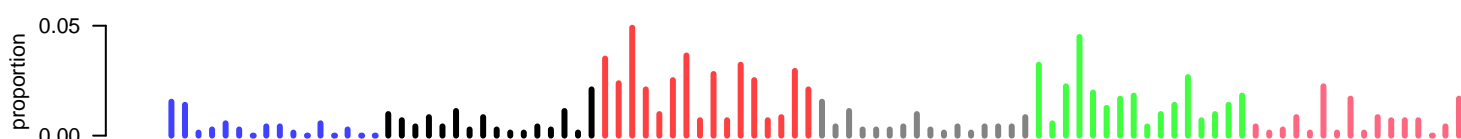
sample_952



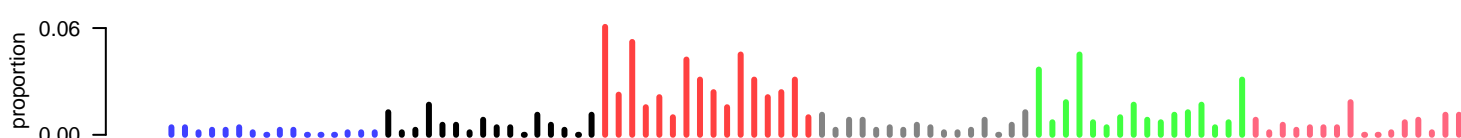
sample_397



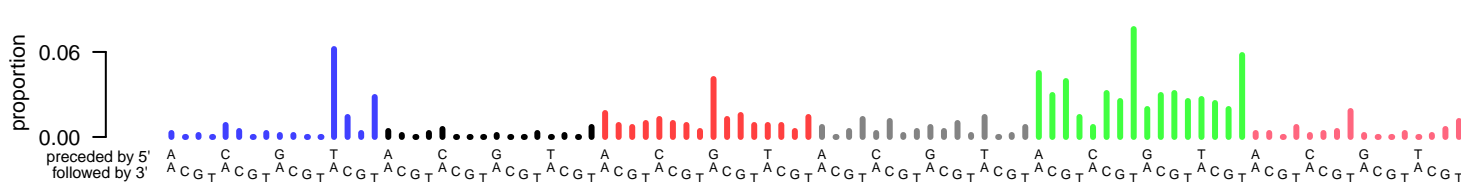
sample_446



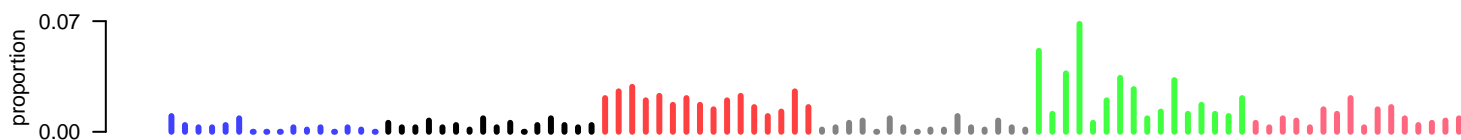
sample_10



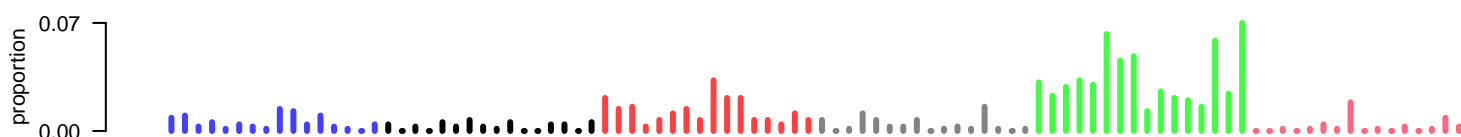
sample_661



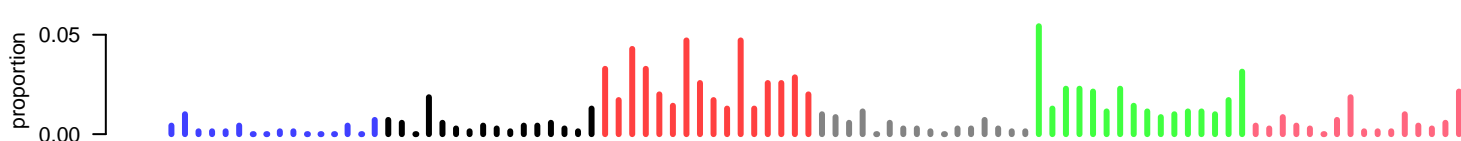
sample_492



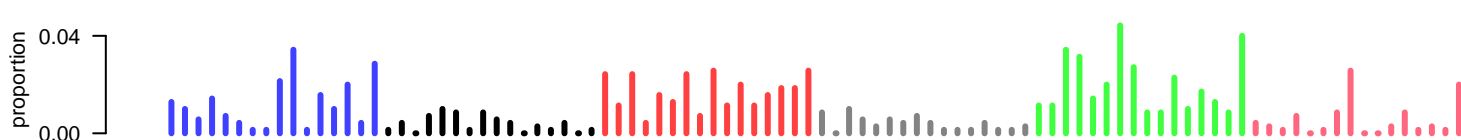
sample_656



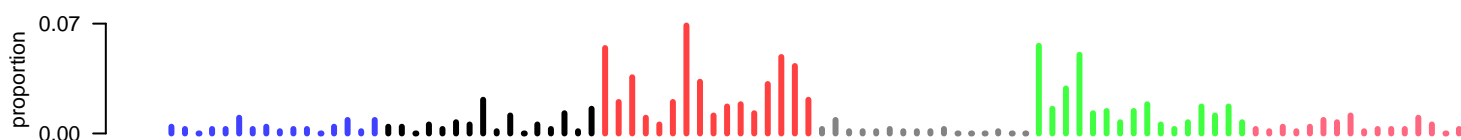
sample_241



sample_505



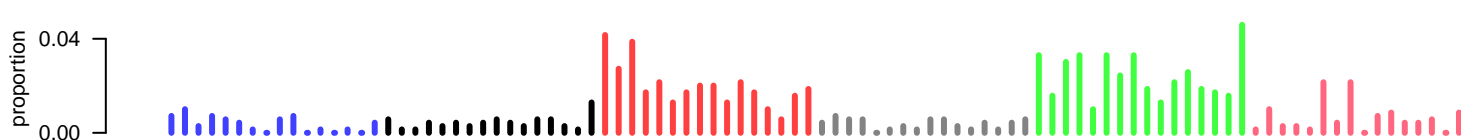
sample_476



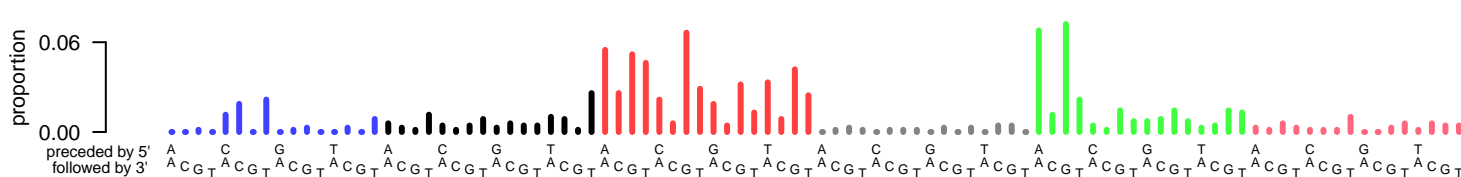
sample_821



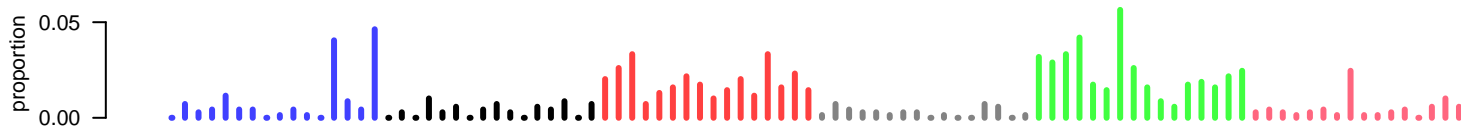
sample_893



sample_110



sample_869



sample_208



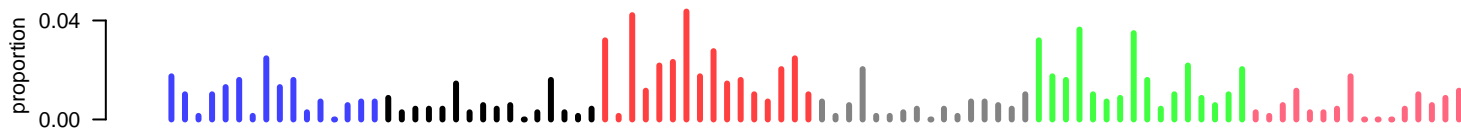
sample_399



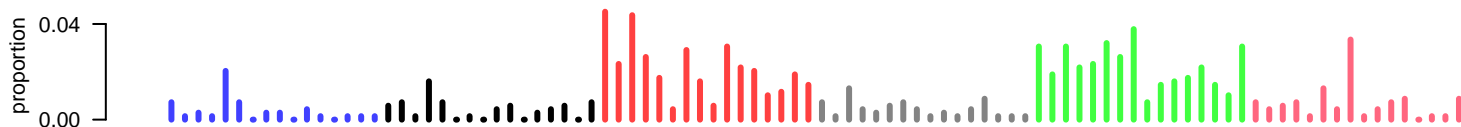
sample_539



sample_884



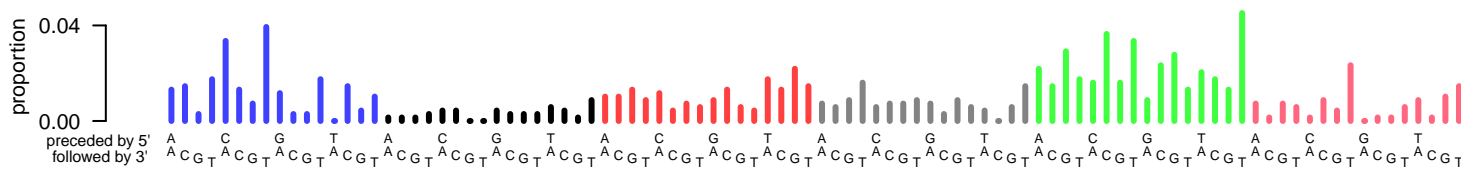
sample_218



sample_609



sample_429



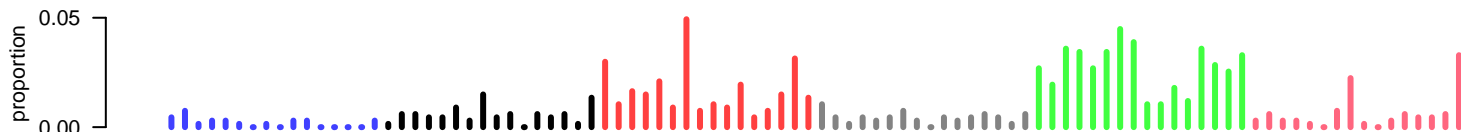
sample_913



sample_977



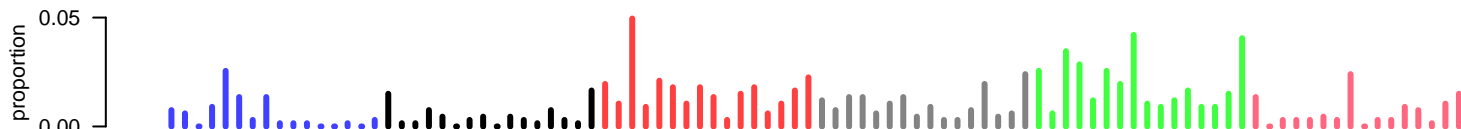
sample_971



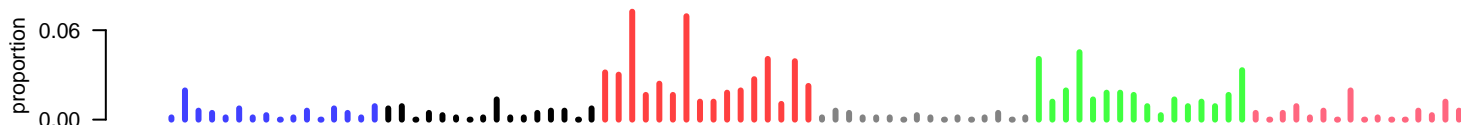
sample_799



sample_706



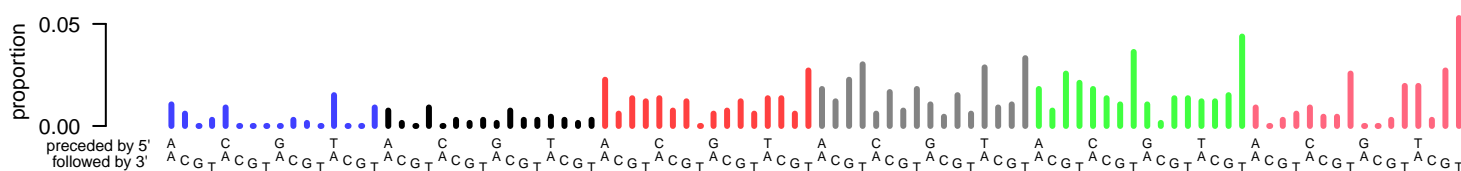
sample_786



sample_550



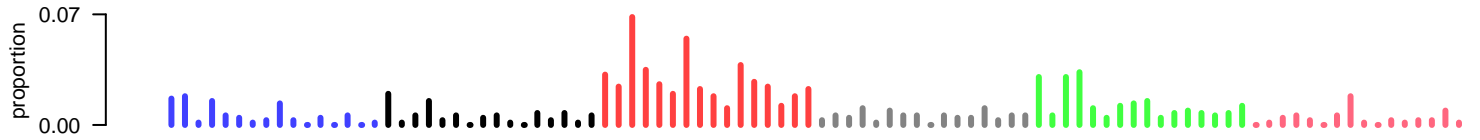
sample_904



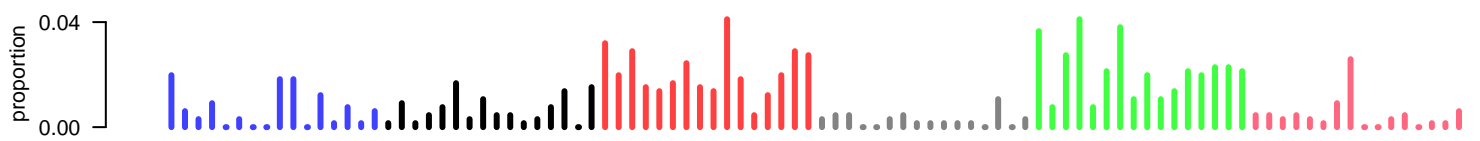
sample_407



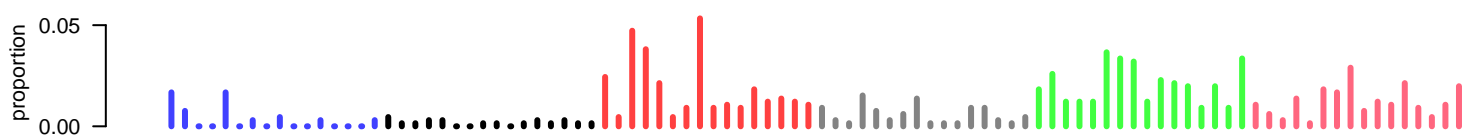
sample_279



sample_976



sample_0



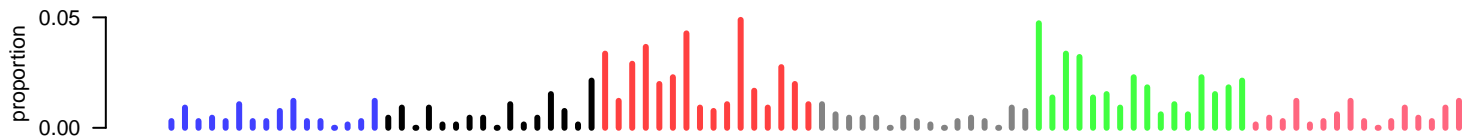
sample_183



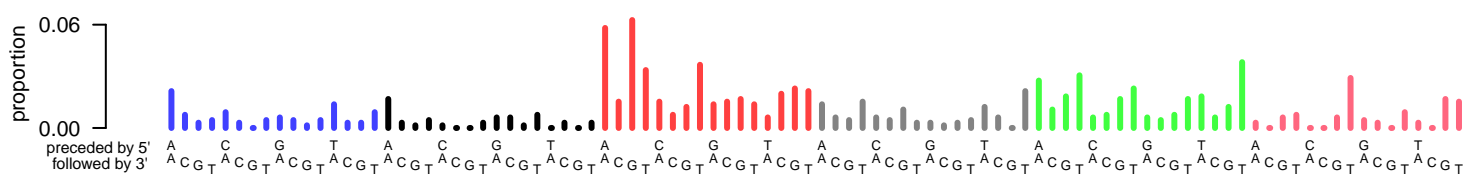
sample_589



sample_597



sample_154



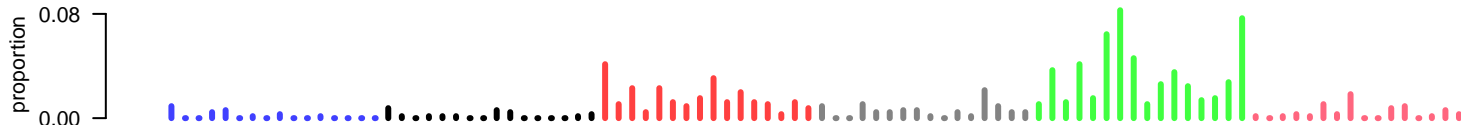
sample_192



sample_889



sample_676



sample_823



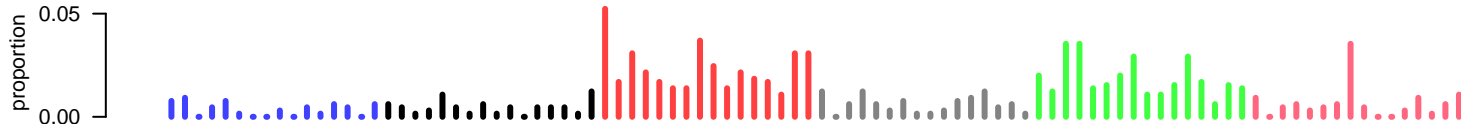
sample_124



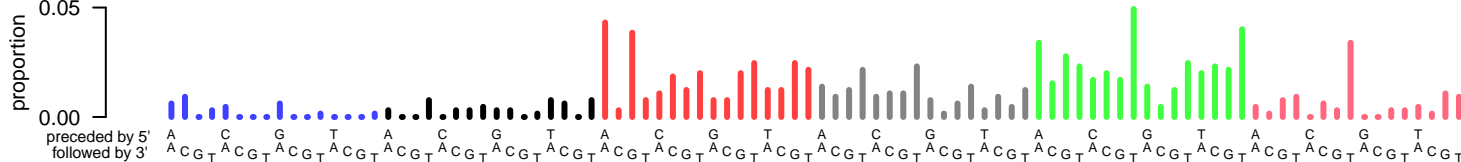
sample_60



sample_41



sample_414



sample_605



sample_672



sample_787



sample_526



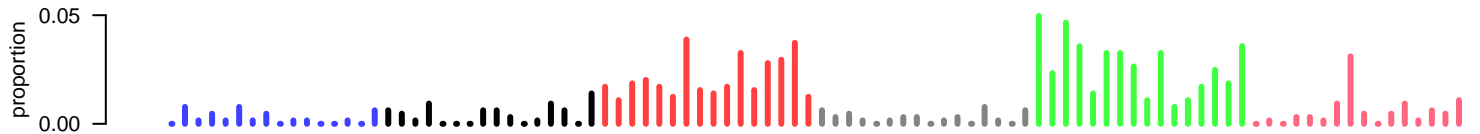
sample_828



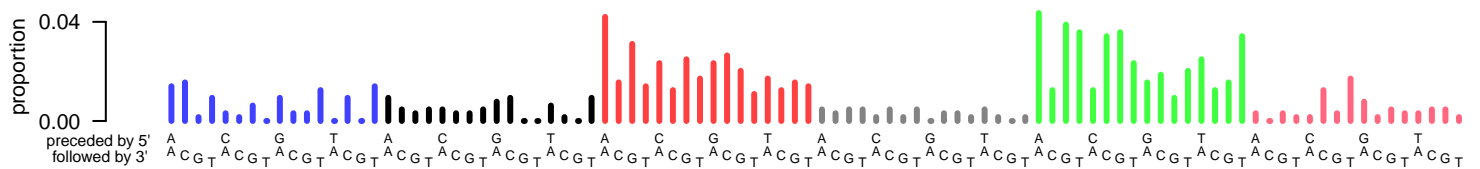
sample_25



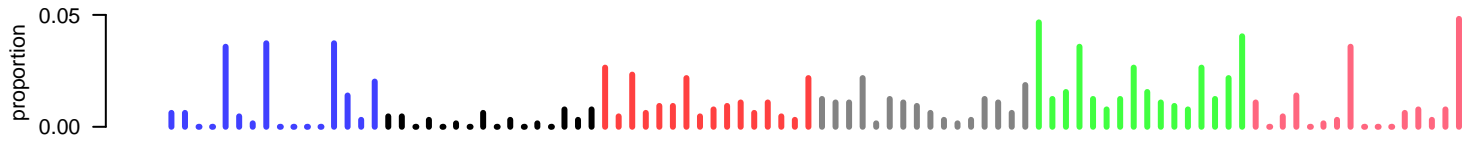
sample_311



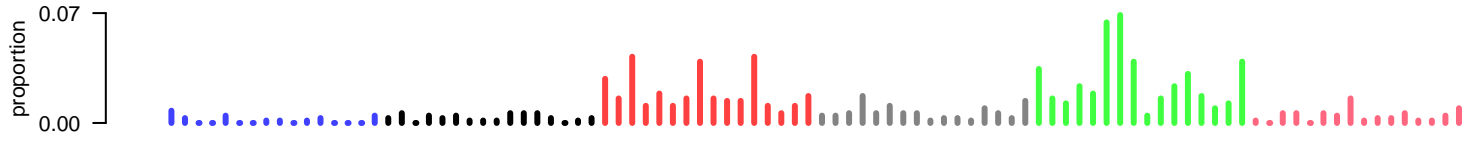
sample_186



sample_301



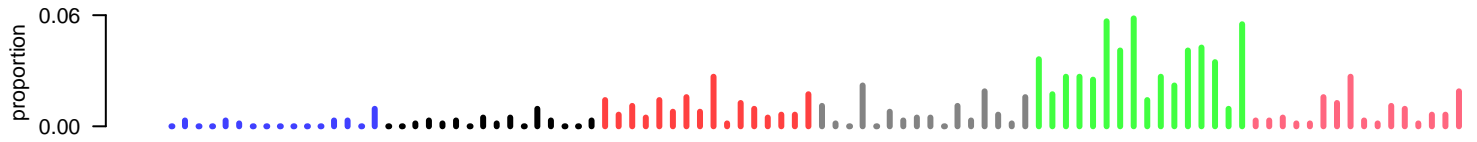
sample_443



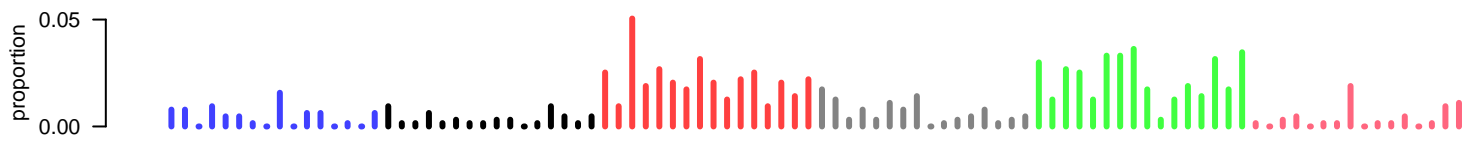
sample_759



sample_523



sample_663



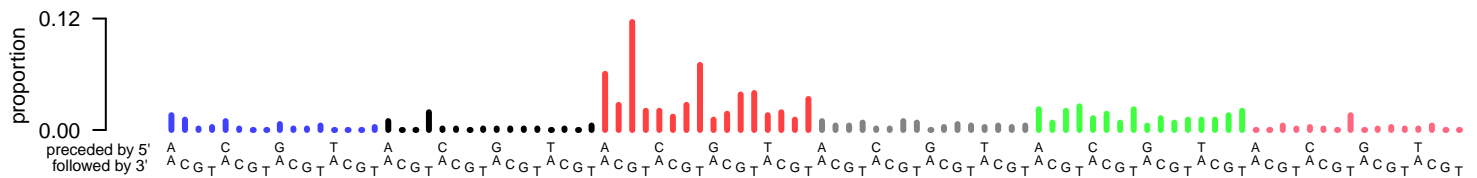
sample_353



sample_382



sample_715



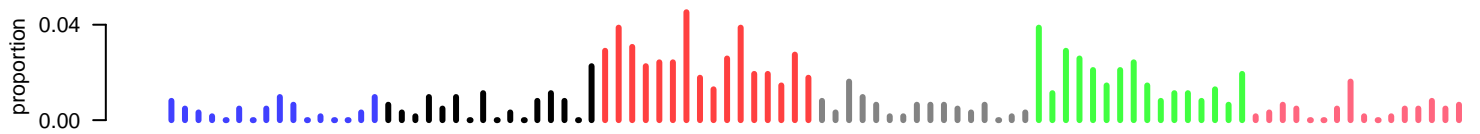
sample_547



sample_142



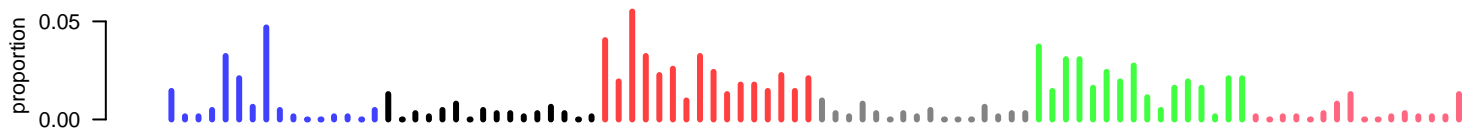
sample_686



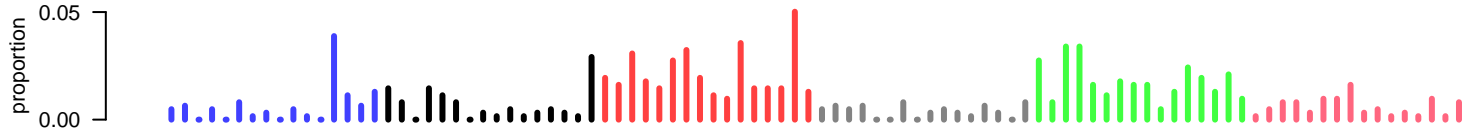
sample_748



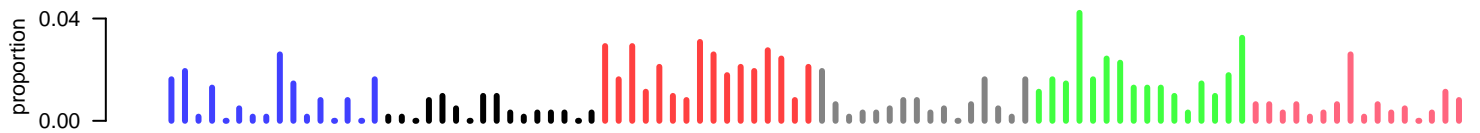
sample_365



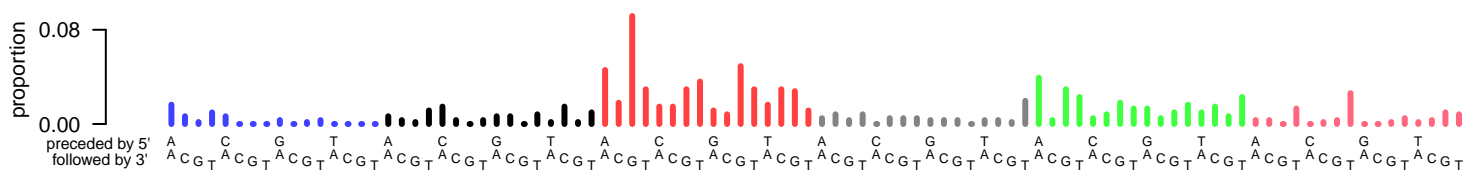
sample_901



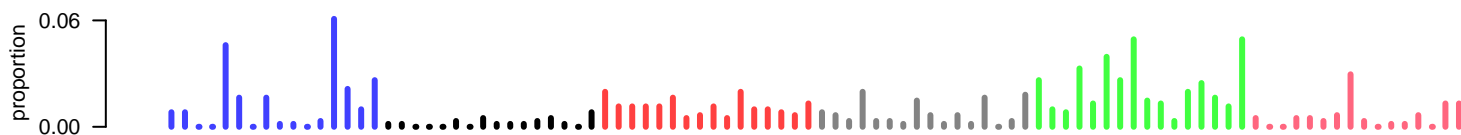
sample_158



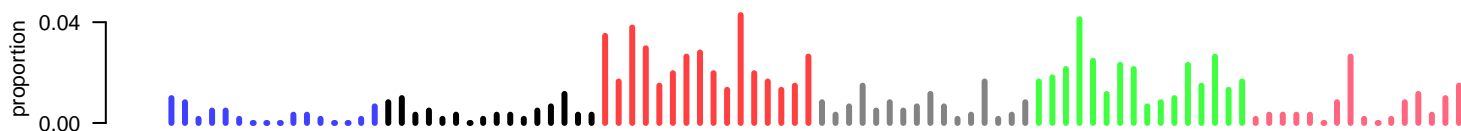
sample_968



sample_701



sample_632



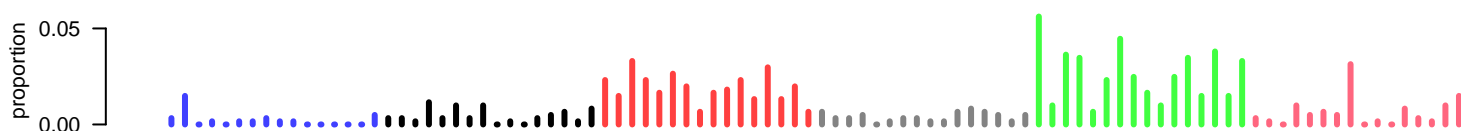
sample_255



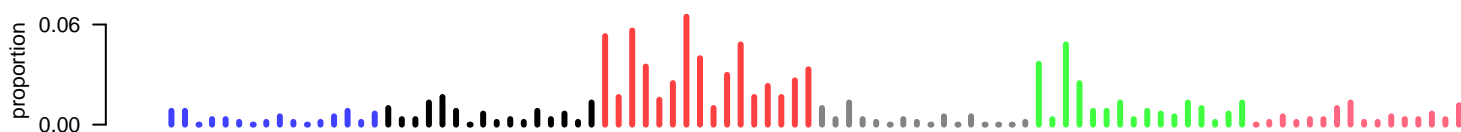
sample_704



sample_961



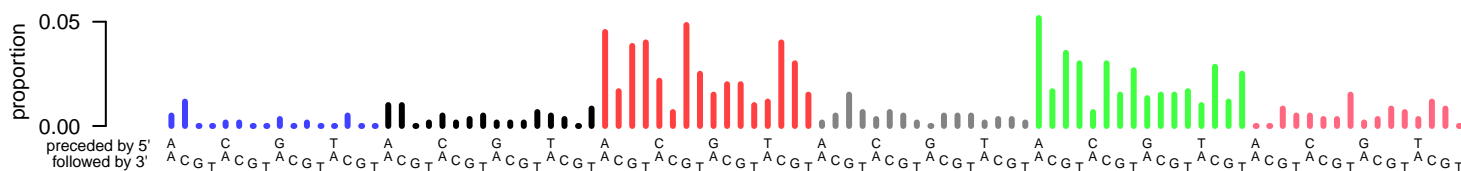
sample_933

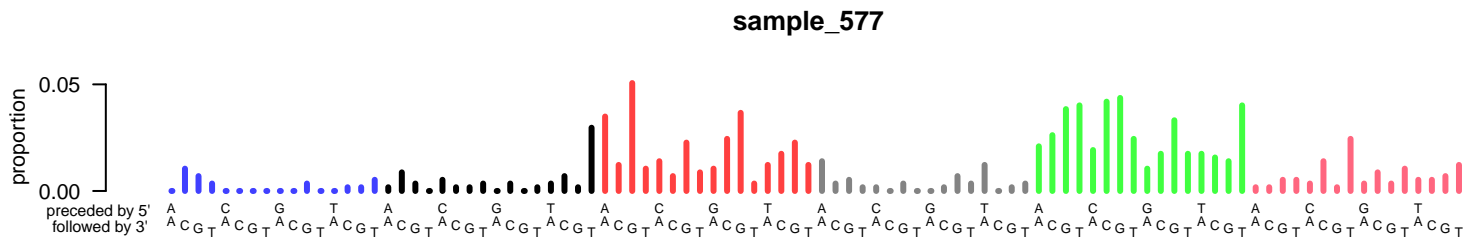
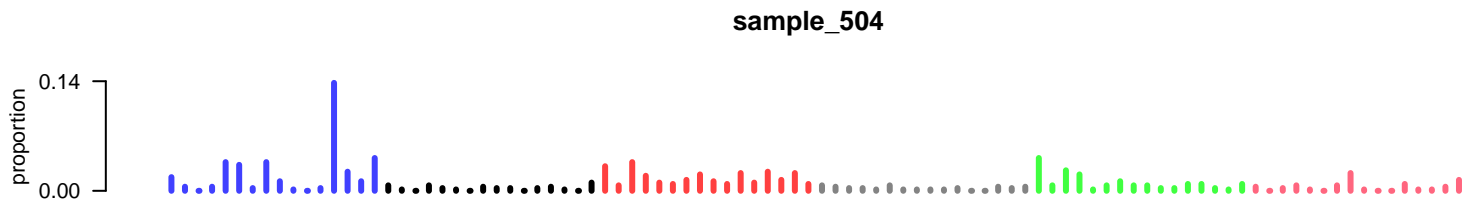
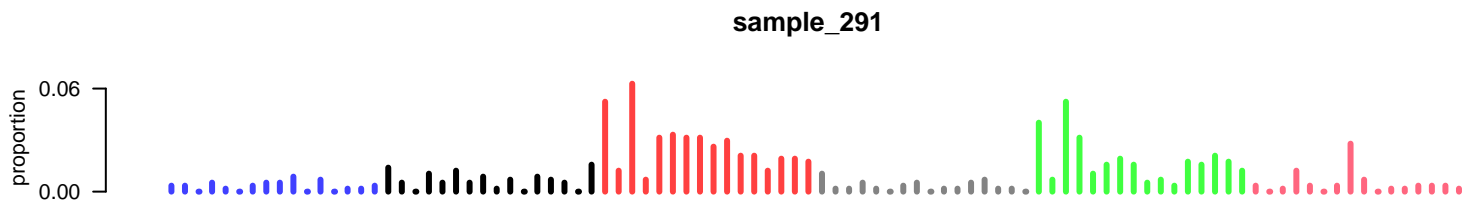
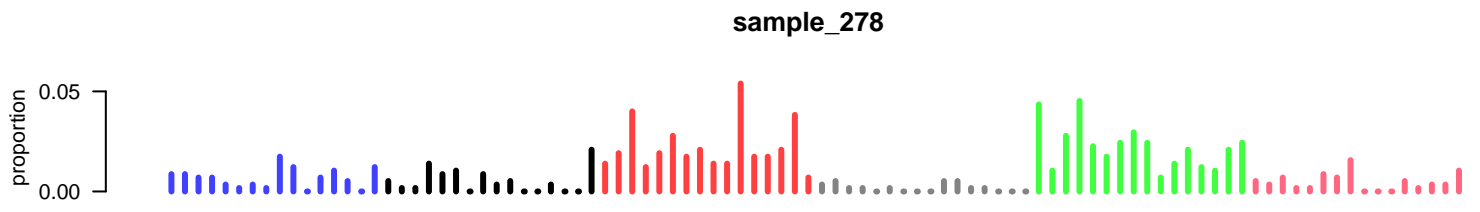
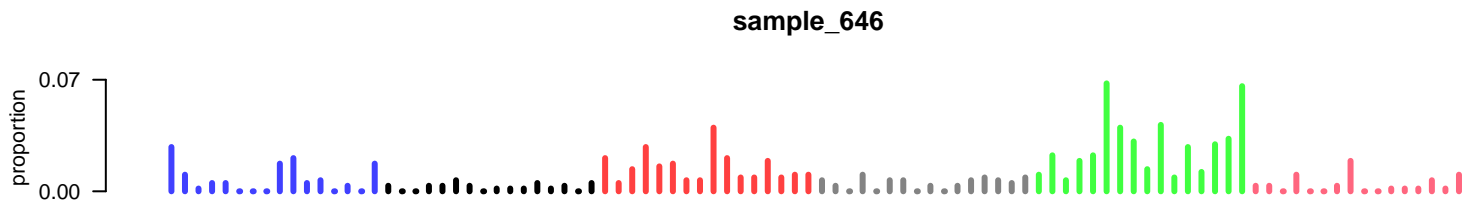
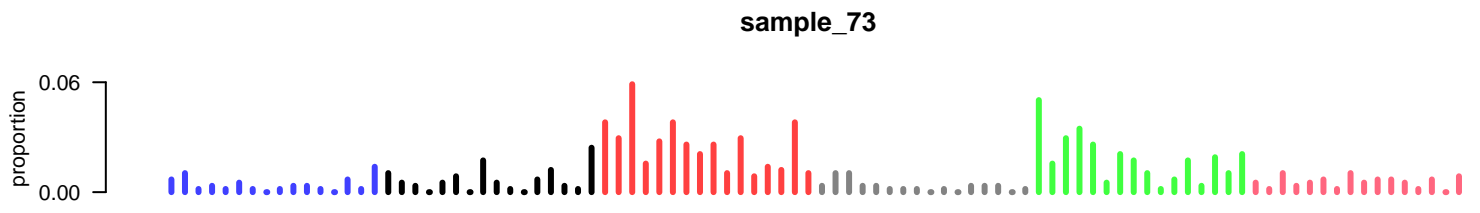
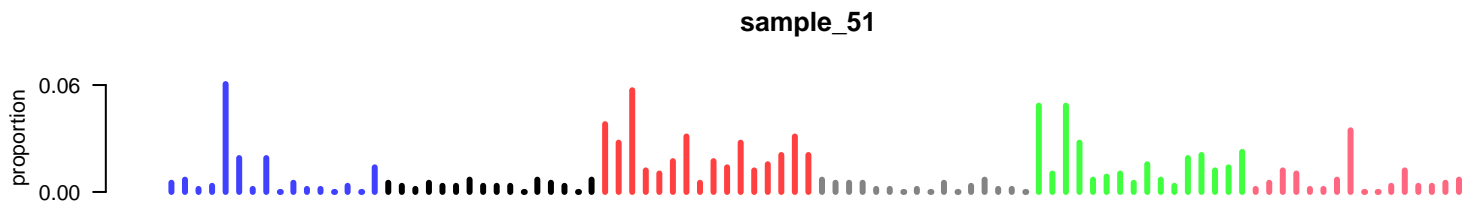
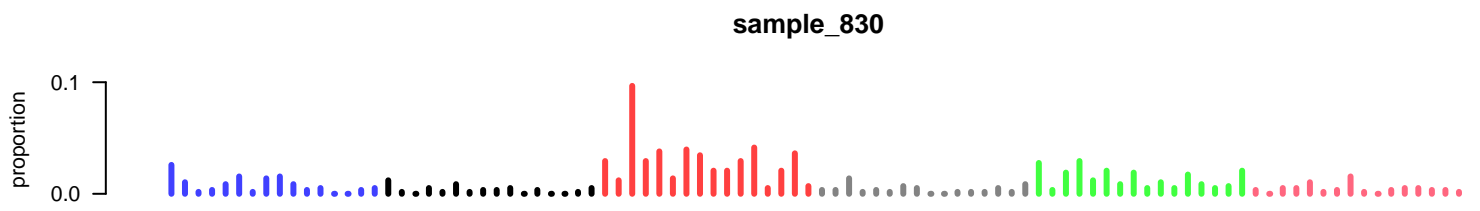


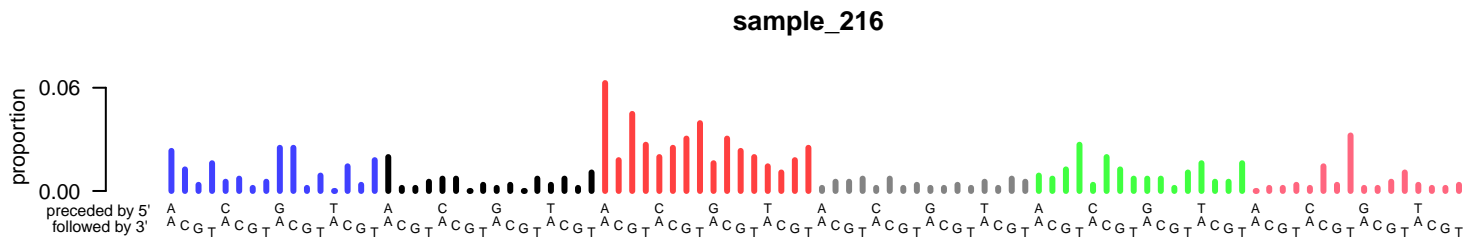
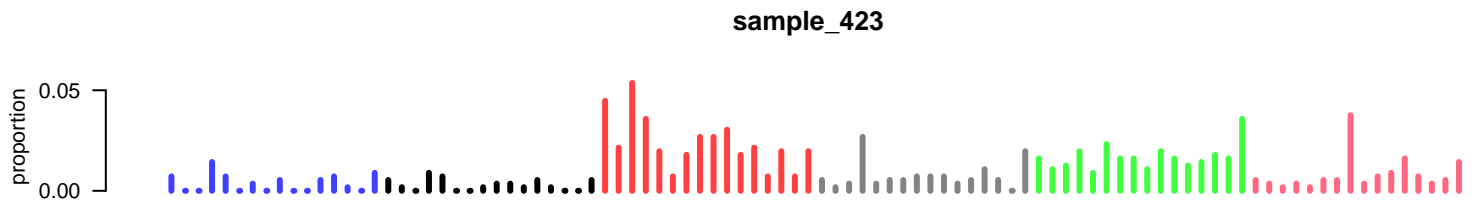
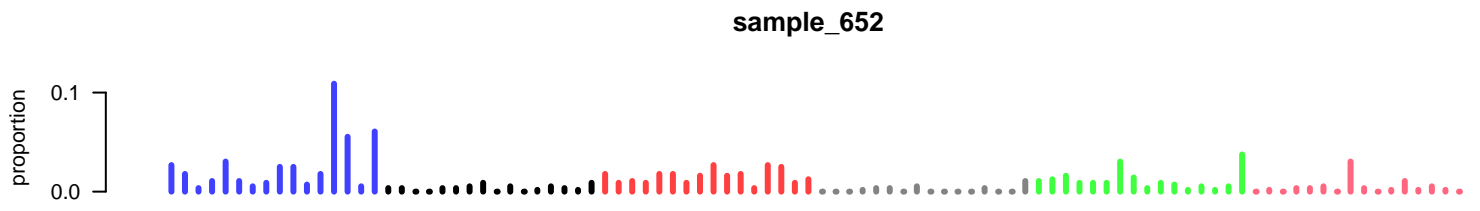
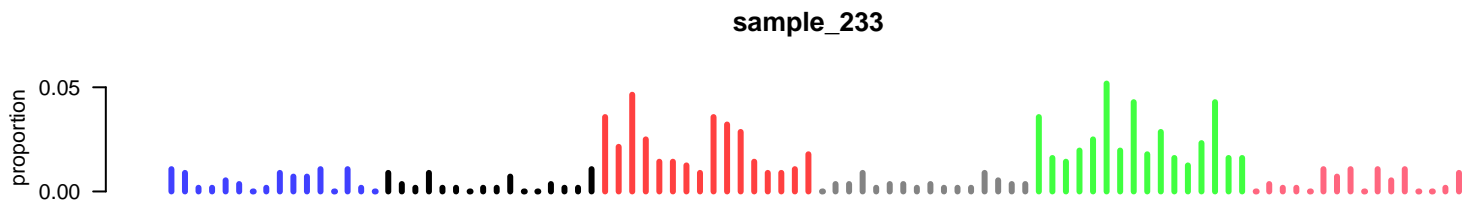
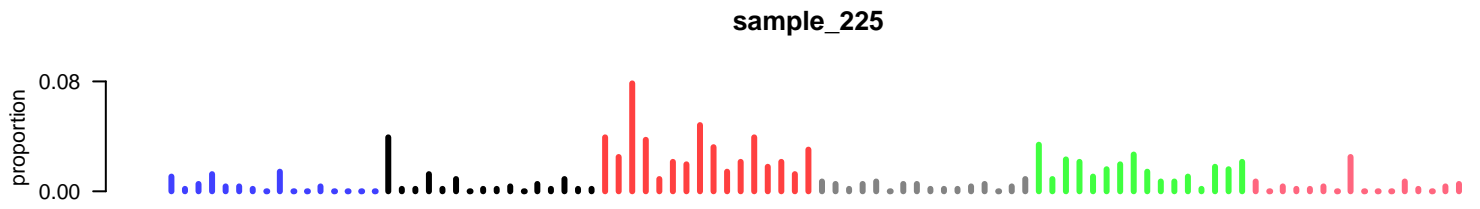
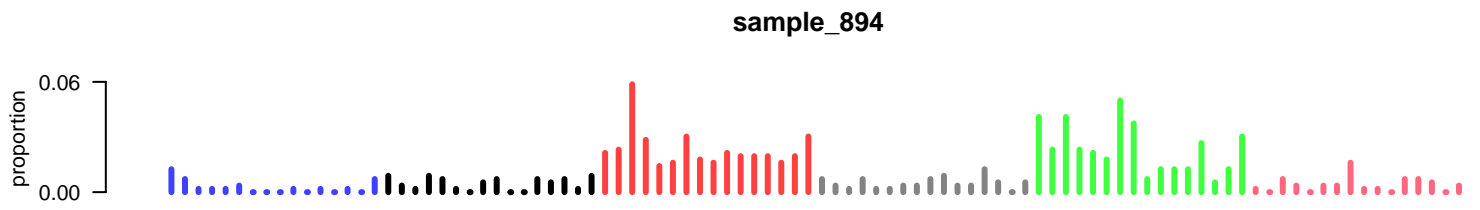
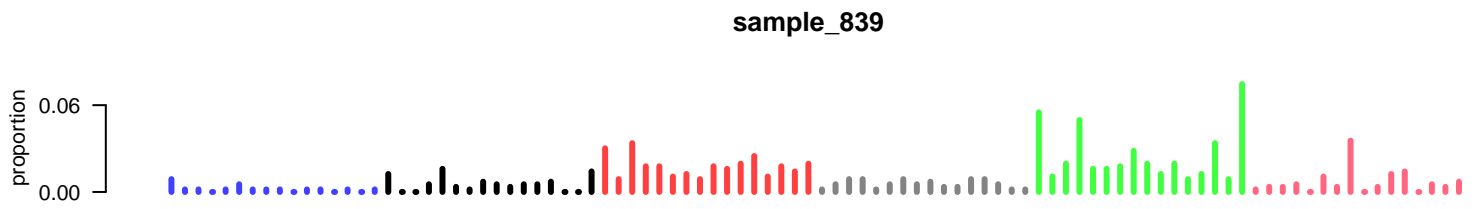
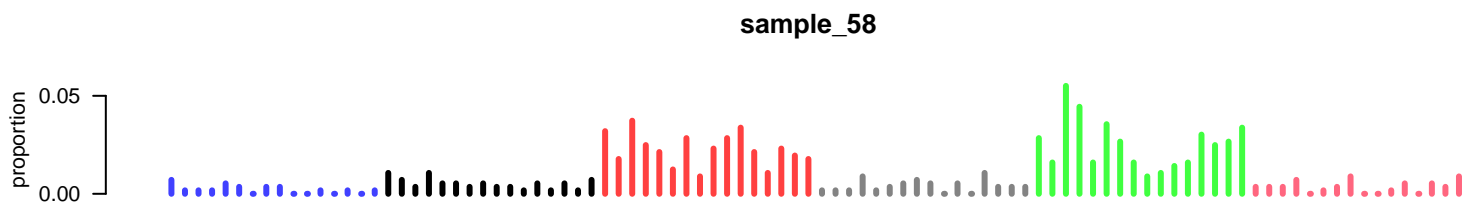
sample_317

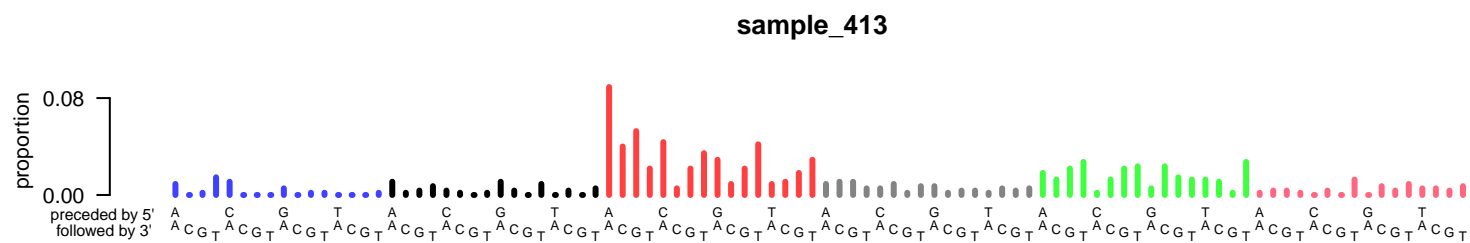
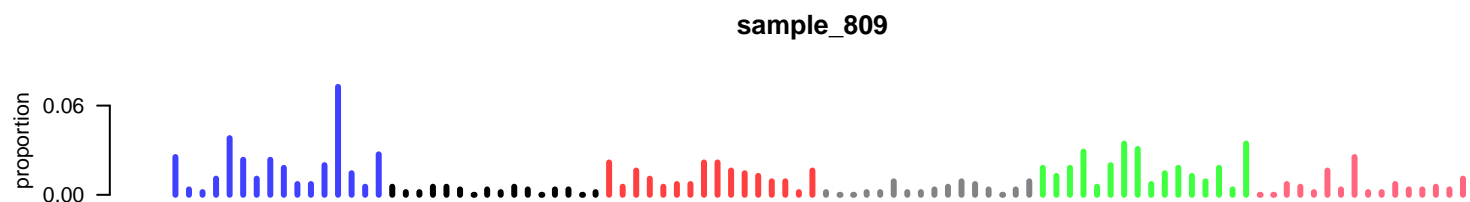
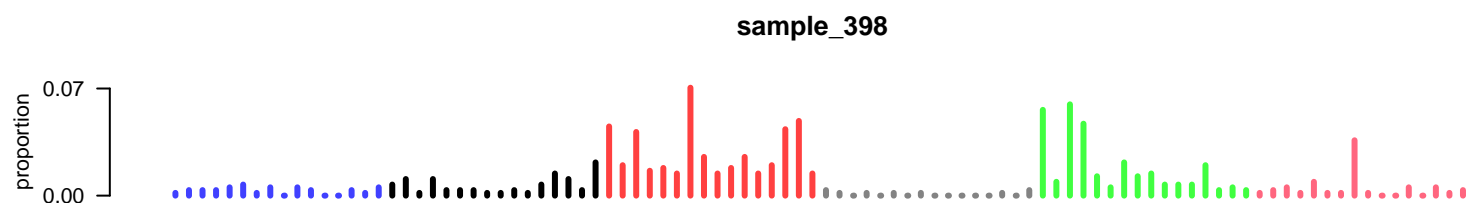
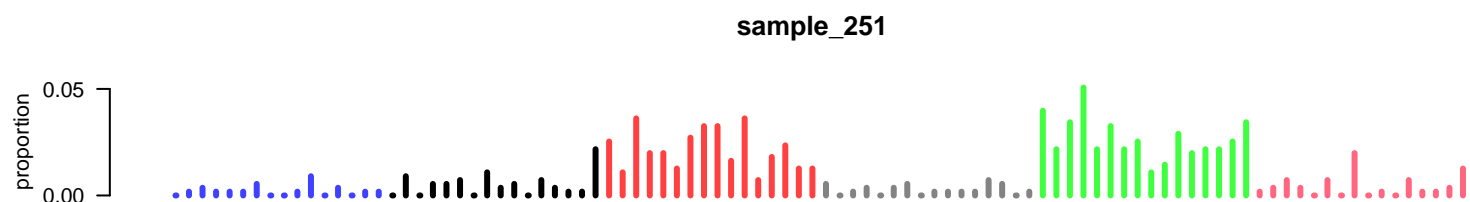
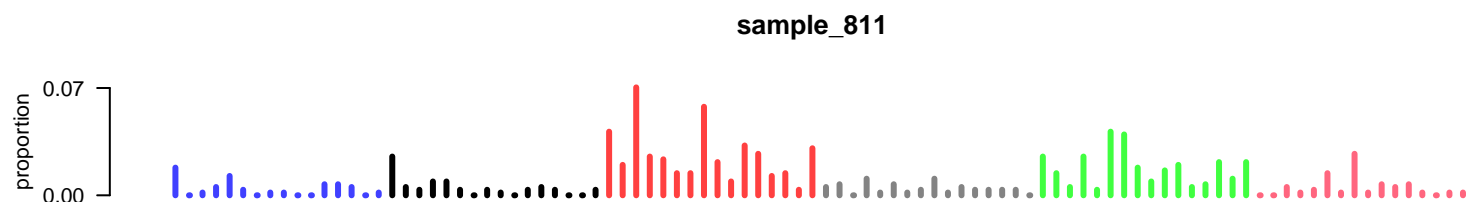
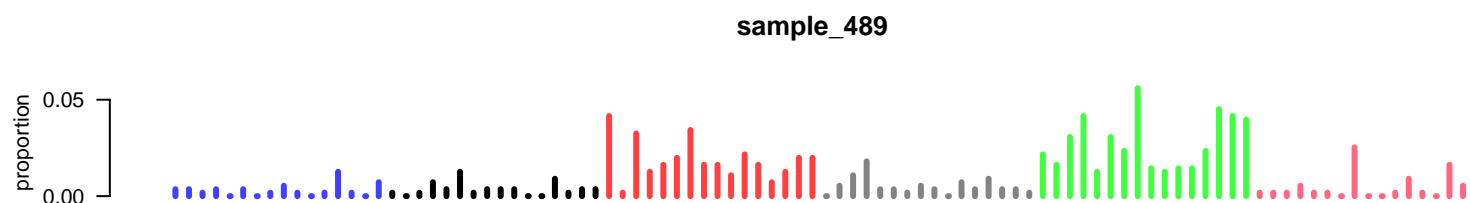
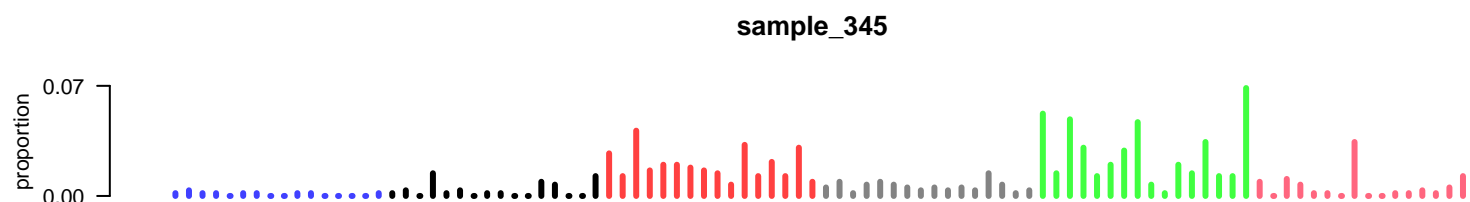
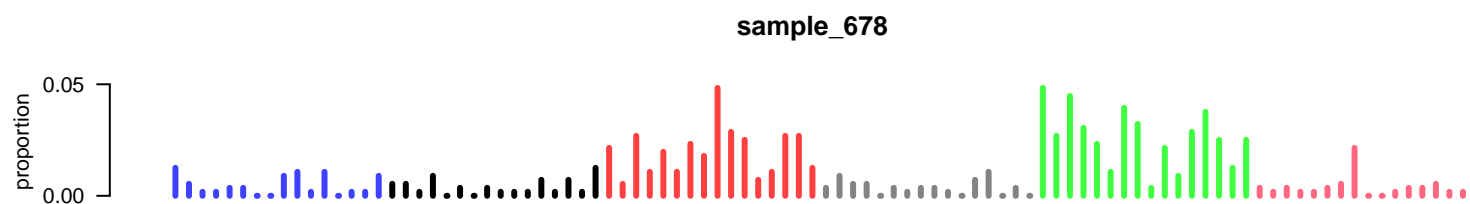


sample_472









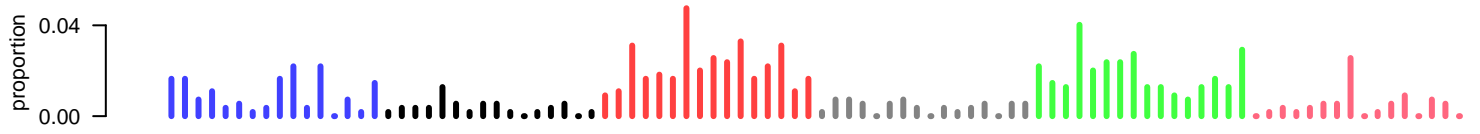
sample_570



sample_163



sample_55



sample_36



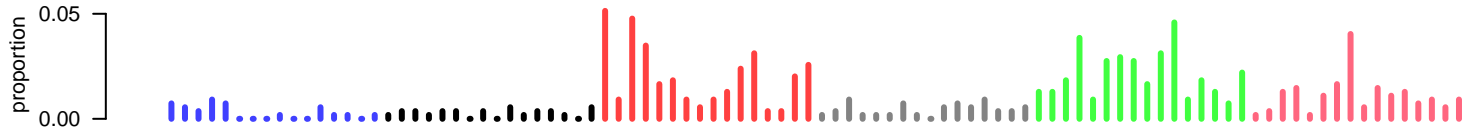
sample_684



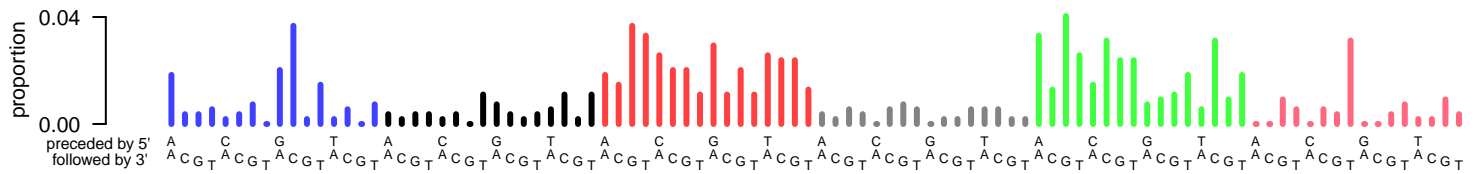
sample_296



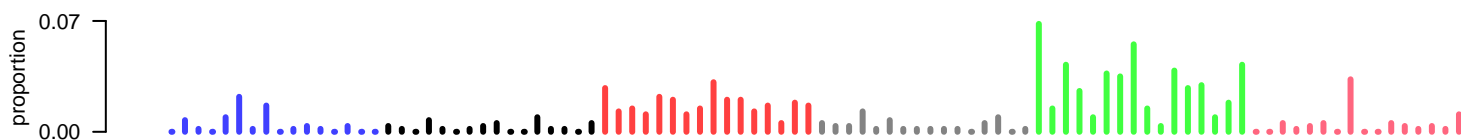
sample_332



sample_611



sample_825



sample_89



sample_986



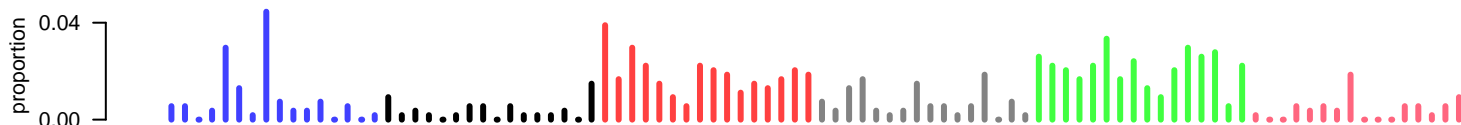
sample_522



sample_171



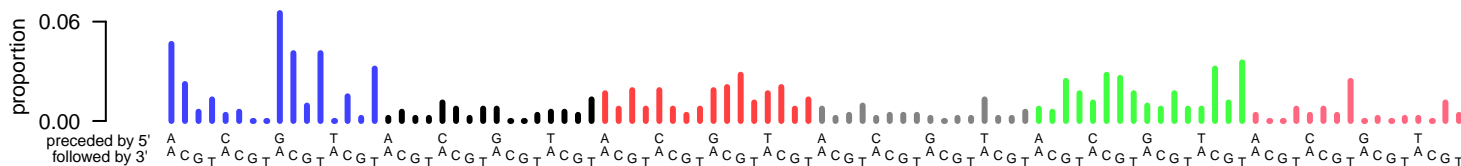
sample_274



sample_817



sample_719



sample_59



sample_290



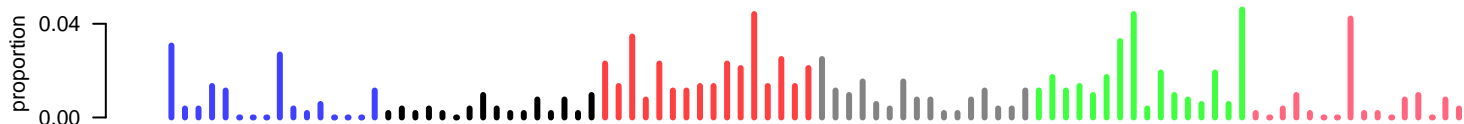
sample_235



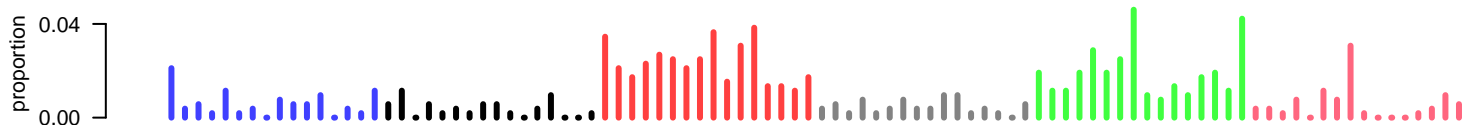
sample_845



sample_118



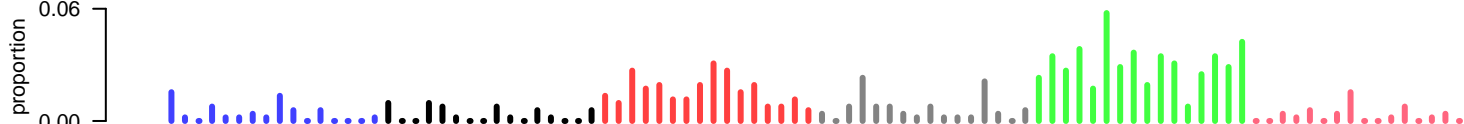
sample_131



sample_930



sample_844



preceded by 5'
followed by 3'

sample_94



sample_343



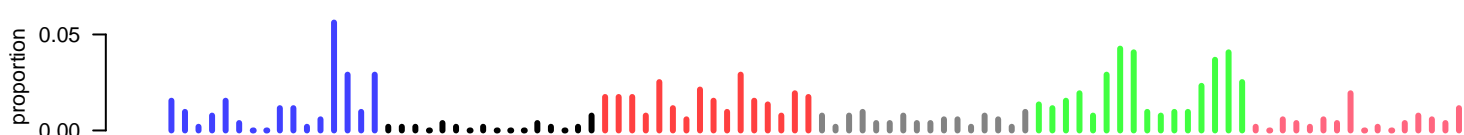
sample_874



sample_143



sample_424



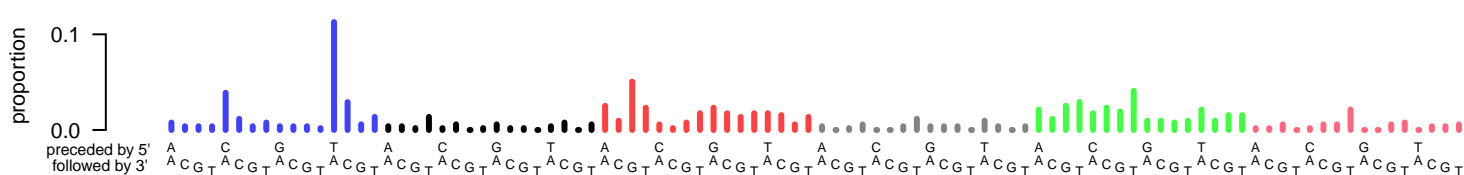
sample_442



sample_497



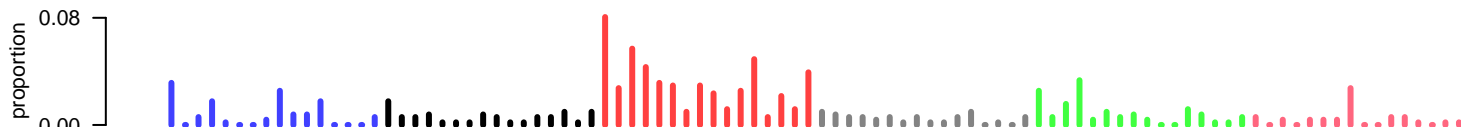
sample_881



sample_77



sample_633



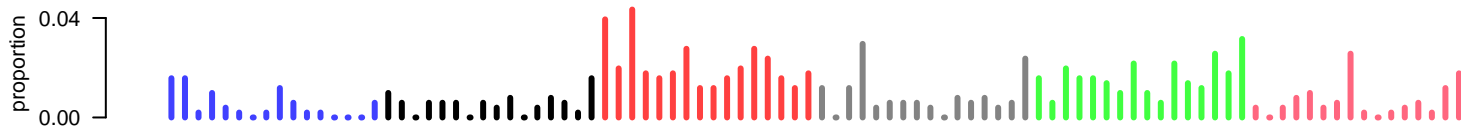
sample_367



sample_818



sample_728



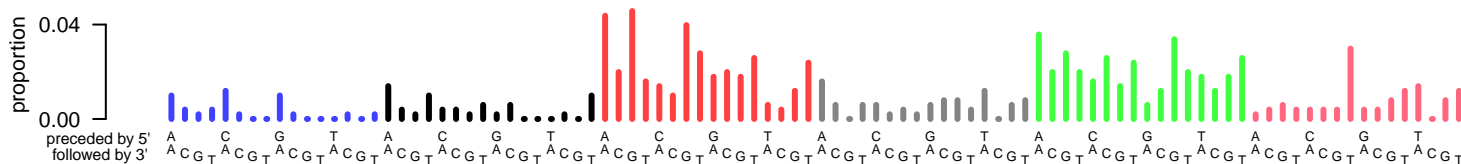
sample_769



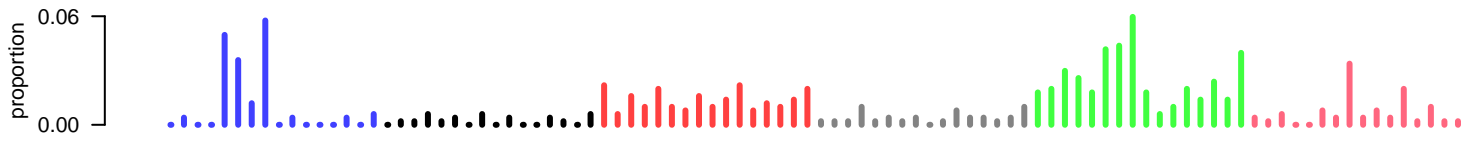
sample_444



sample_415



sample_674



sample_97



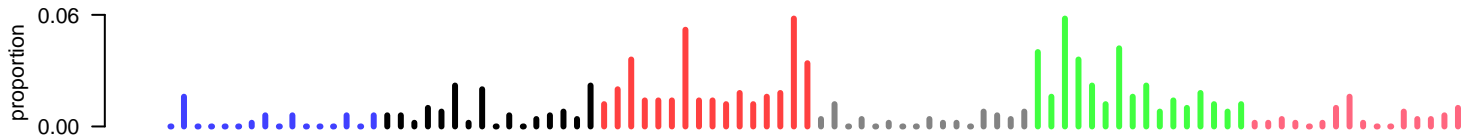
sample_161



sample_126



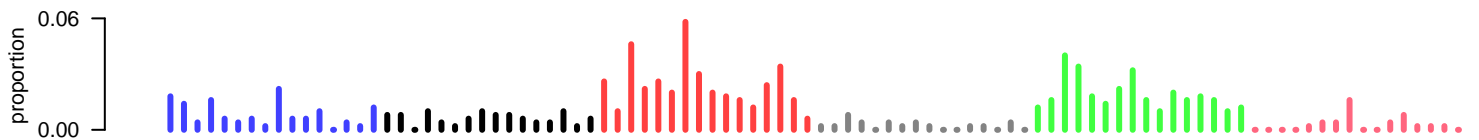
sample_428



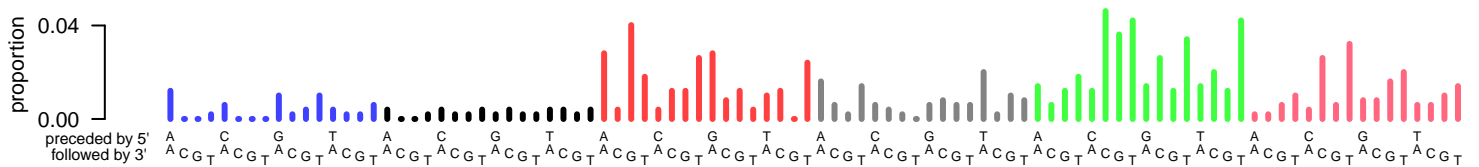
sample_631



sample_53



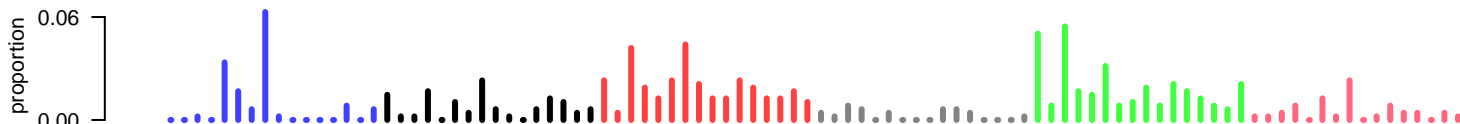
sample_120



sample_271



sample_939



sample_245



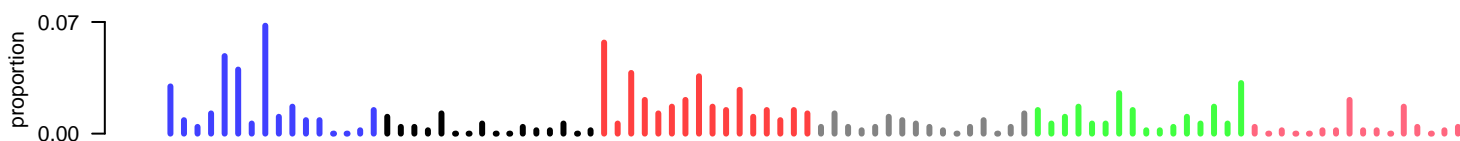
sample_781



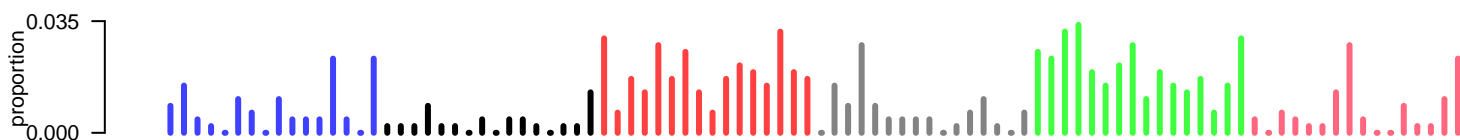
sample_258



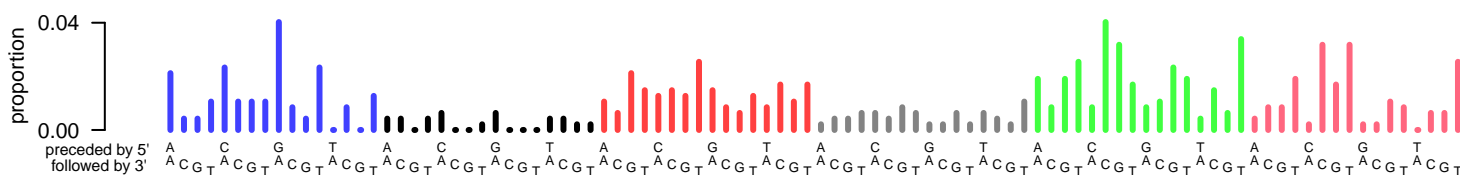
sample_566



sample_854

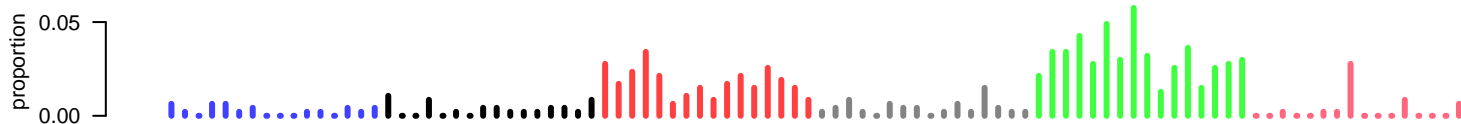


sample_52



preceded by 5'
followed by 3'

sample_625



sample_861



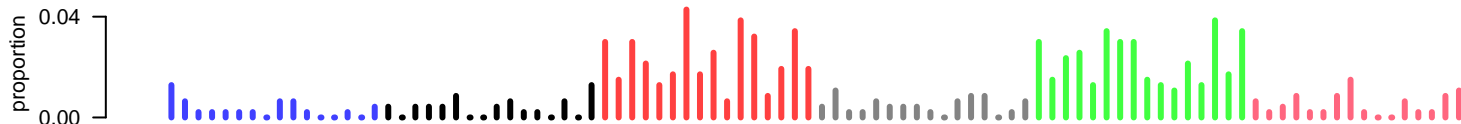
sample_863



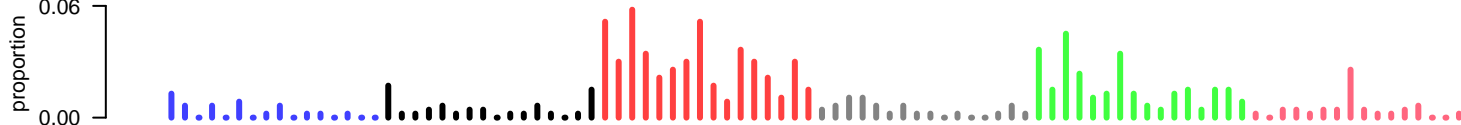
sample_181



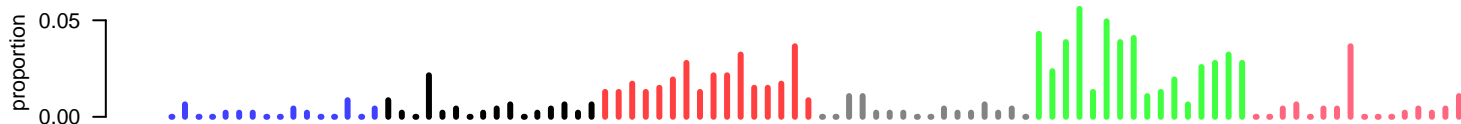
sample_916



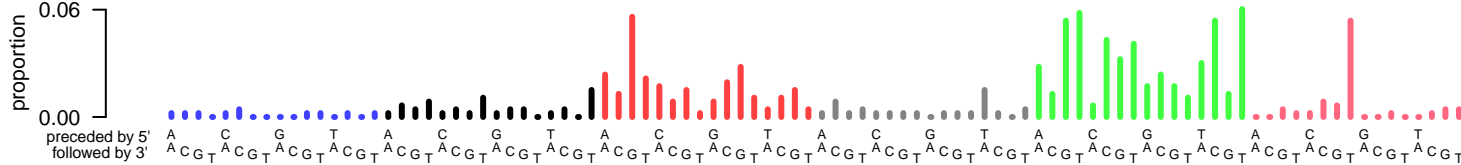
sample_408

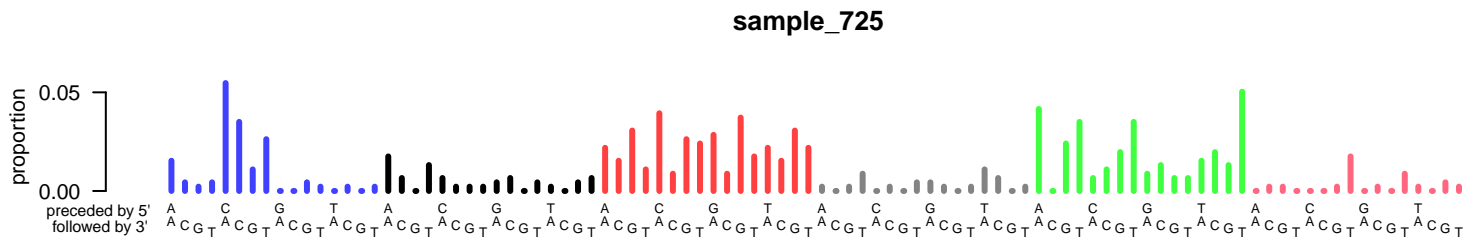
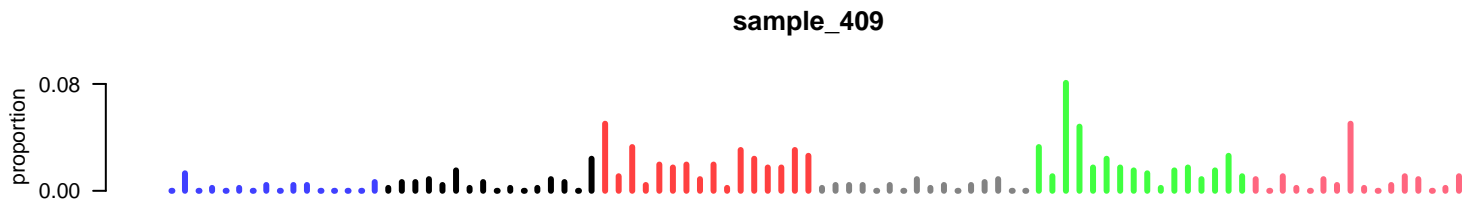
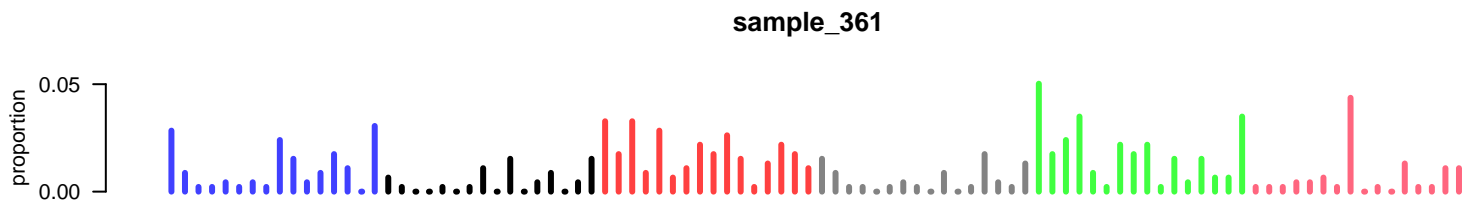
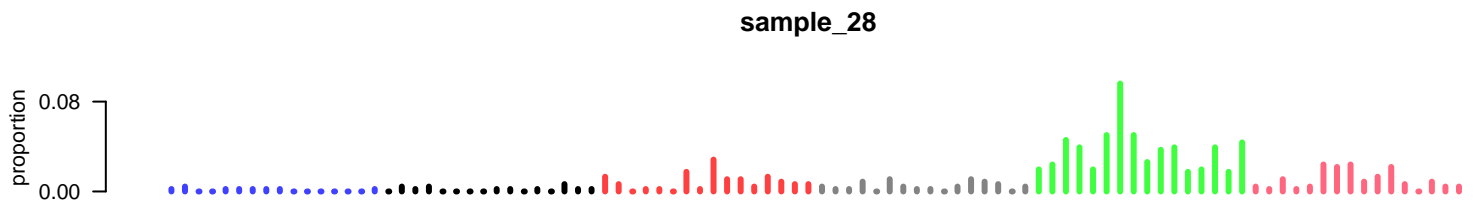
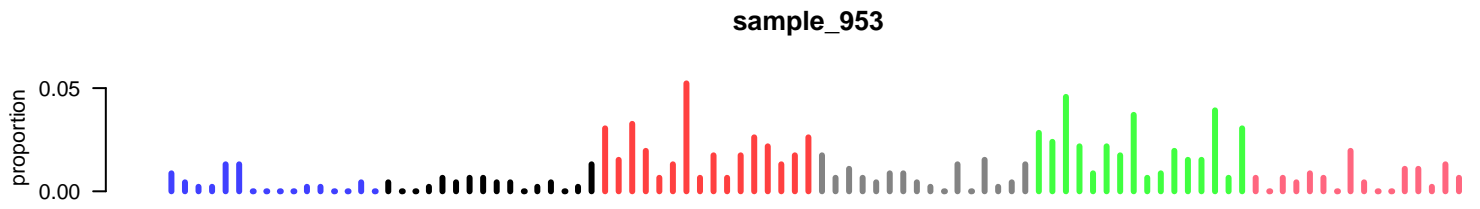
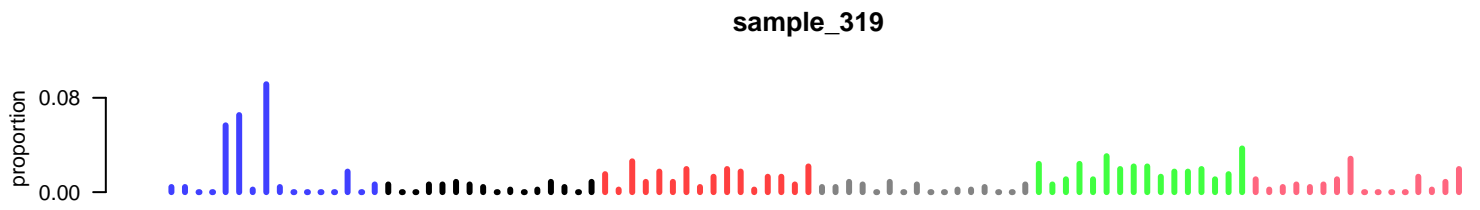
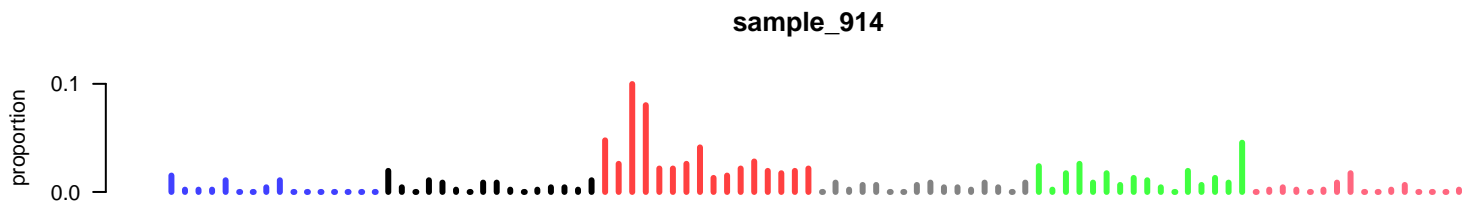
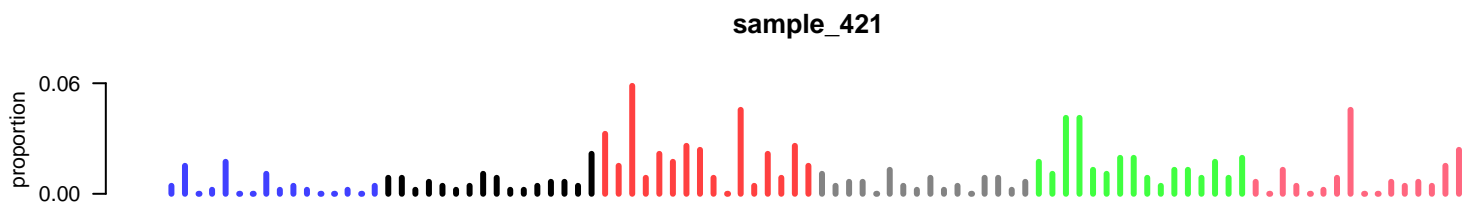


sample_88



sample_330





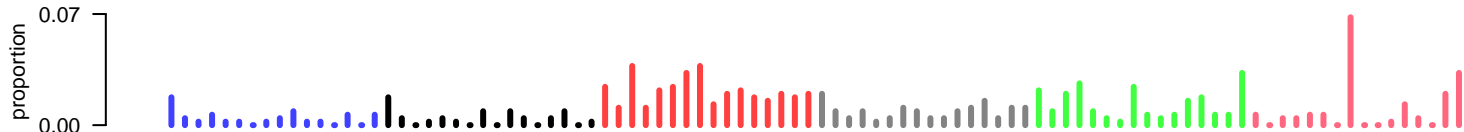
sample_937



sample_174



sample_536



sample_735



sample_643



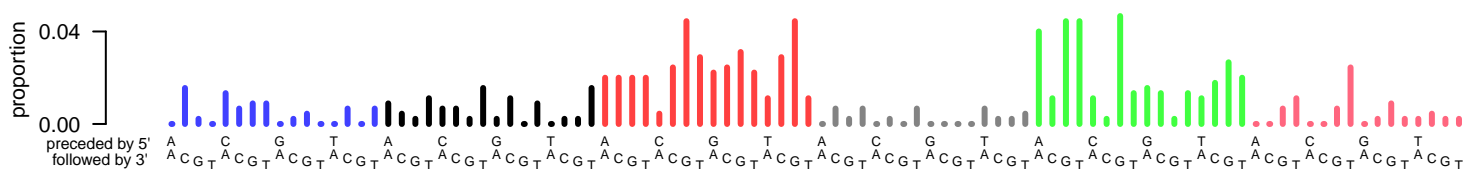
sample_541



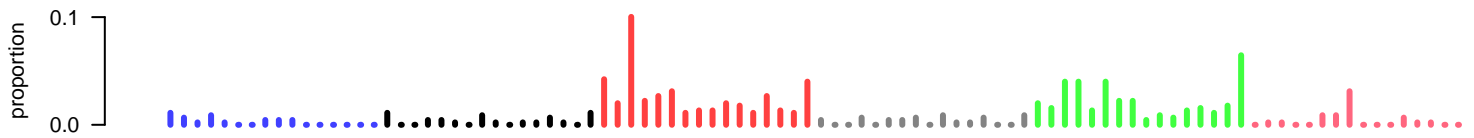
sample_189



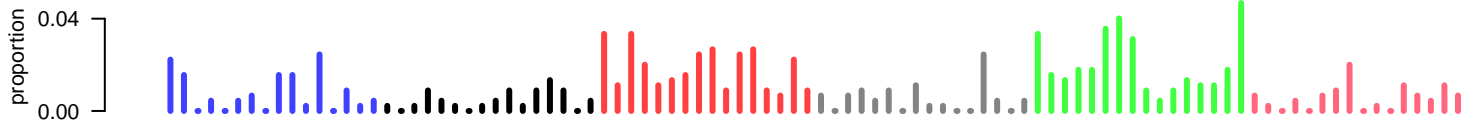
sample_29



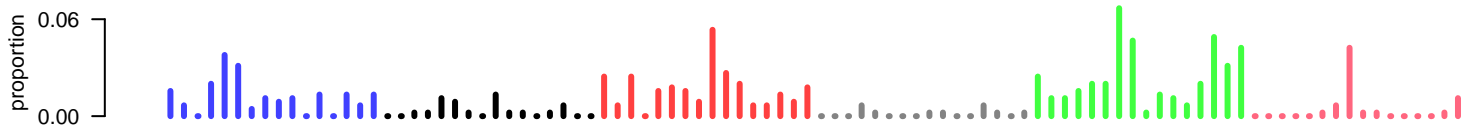
sample_24



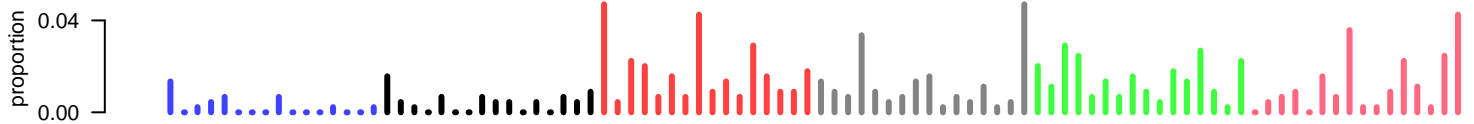
sample_325



sample_688



sample_63



sample_780



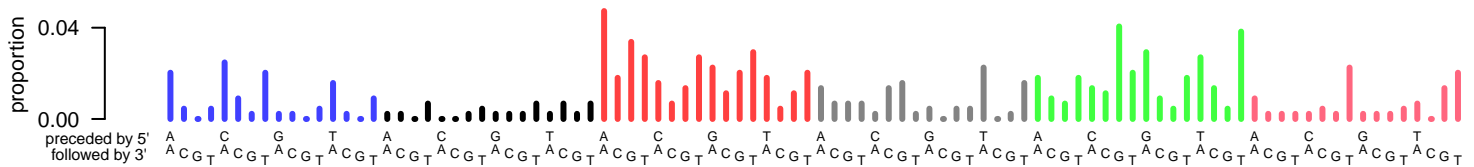
sample_842



sample_851



sample_564



sample_614



sample_324



sample_501



sample_193



sample_221



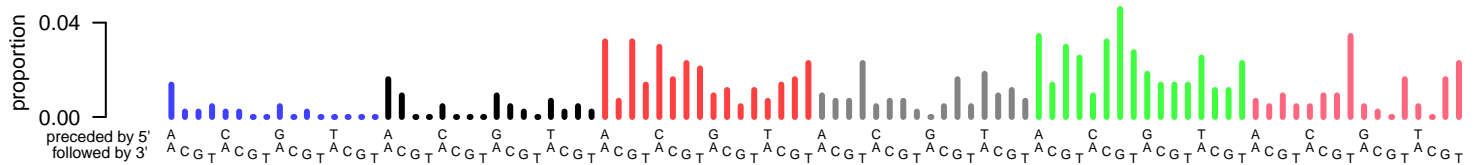
sample_463



sample_734



sample_958



sample_798



sample_392



sample_515



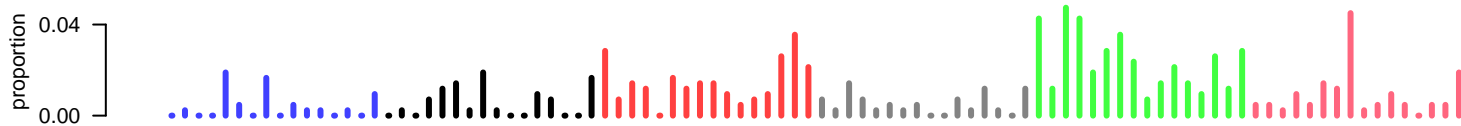
sample_789



sample_206



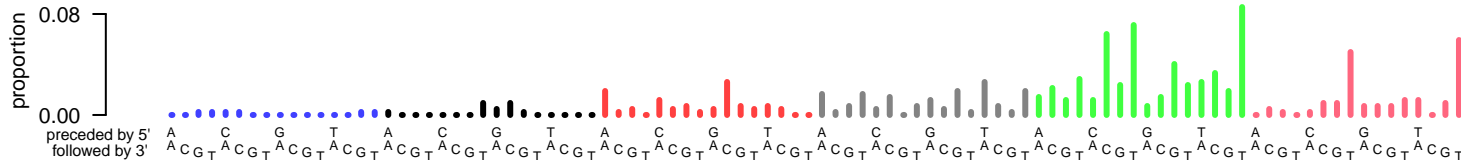
sample_412



sample_860



sample_573



sample_801



sample_989



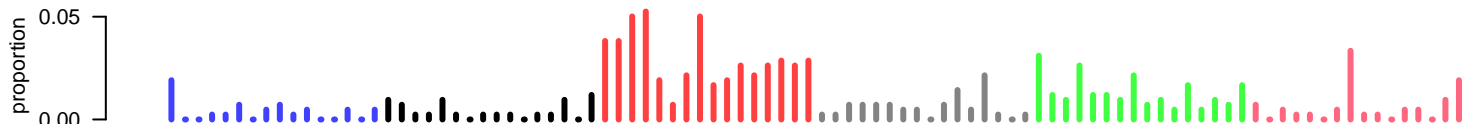
sample_351



sample_295



sample_350



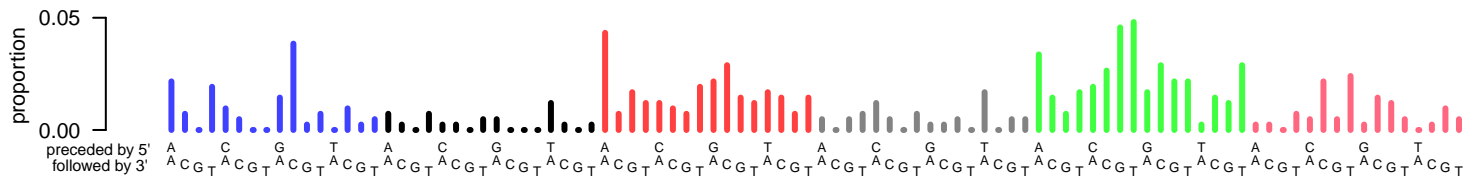
sample_998



sample_471



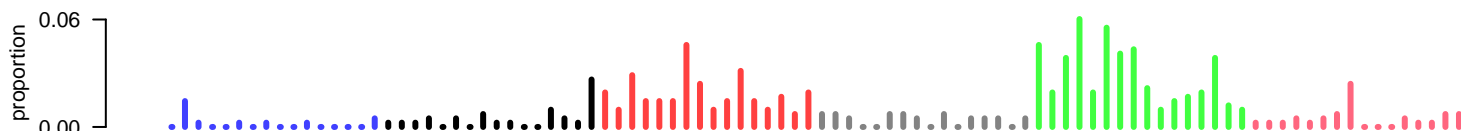
sample_316



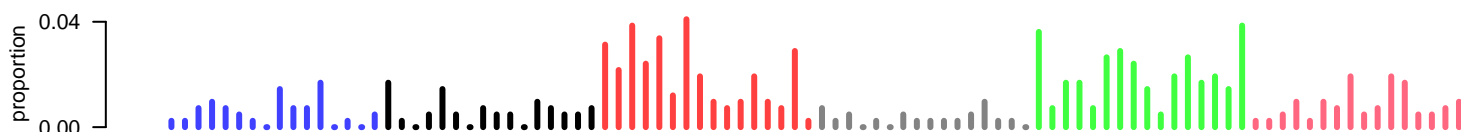
sample_238



sample_336



sample_607



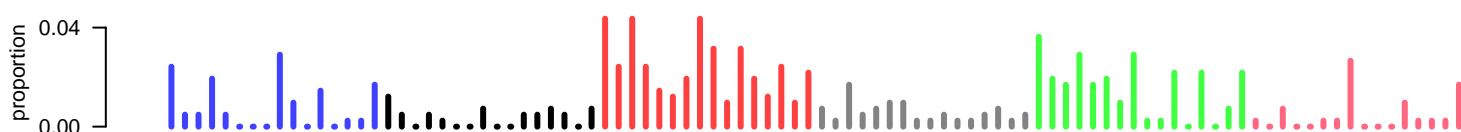
sample_899



sample_2



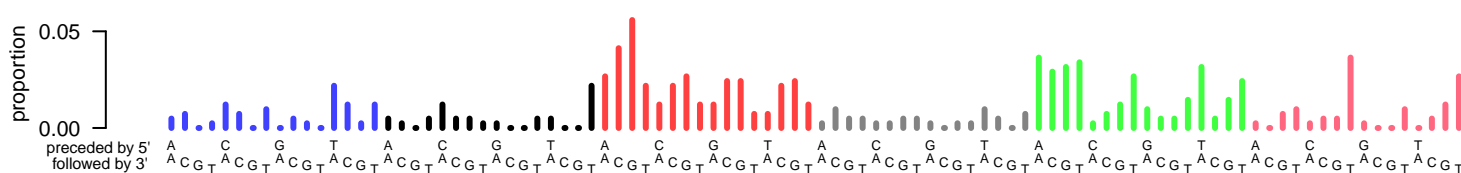
sample_452



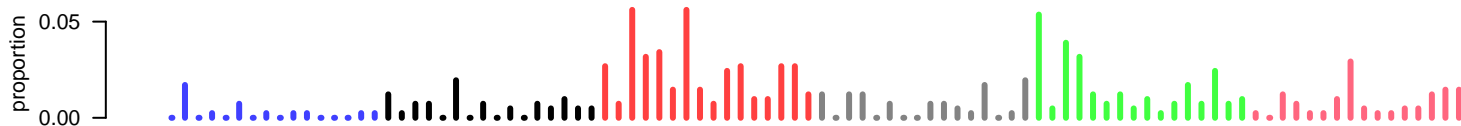
sample_460



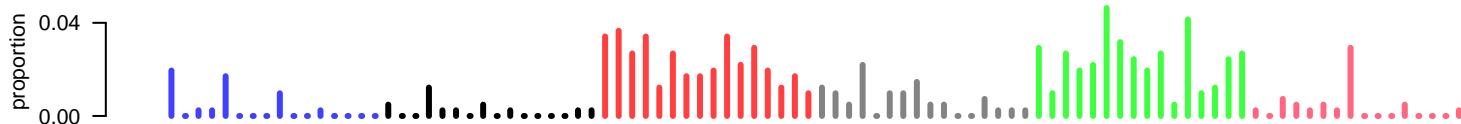
sample_627



sample_294



sample_385



sample_615



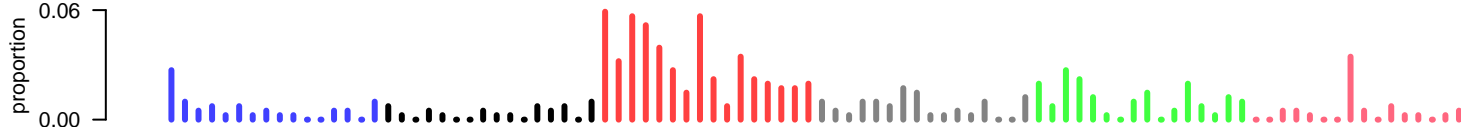
sample_270



sample_348



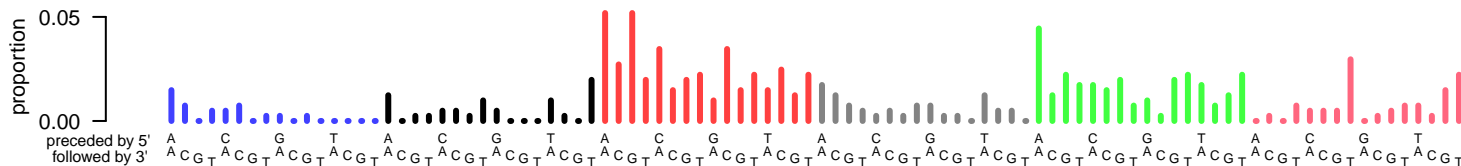
sample_543



sample_554



sample_744



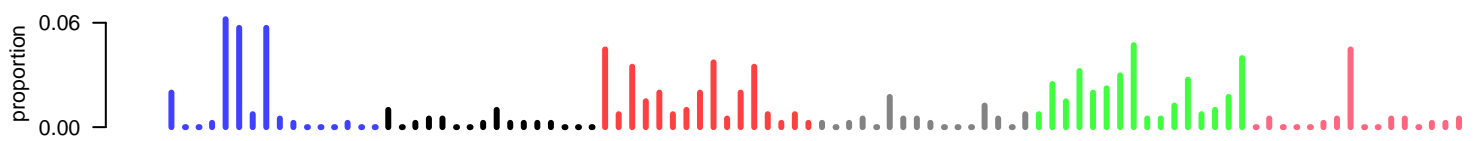
sample_387



sample_574



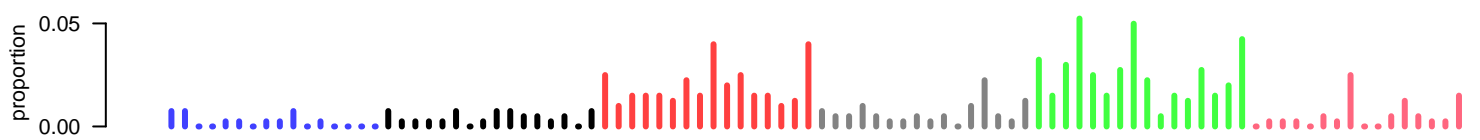
sample_618



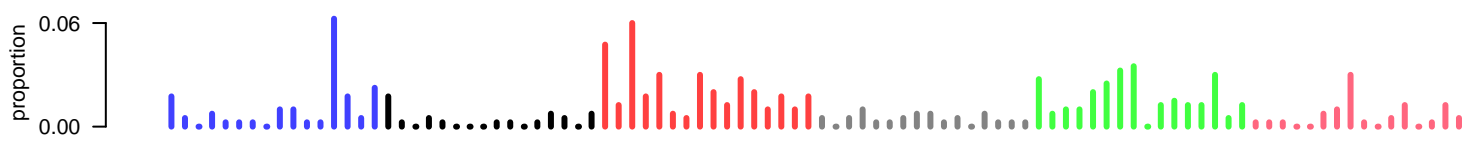
sample_122



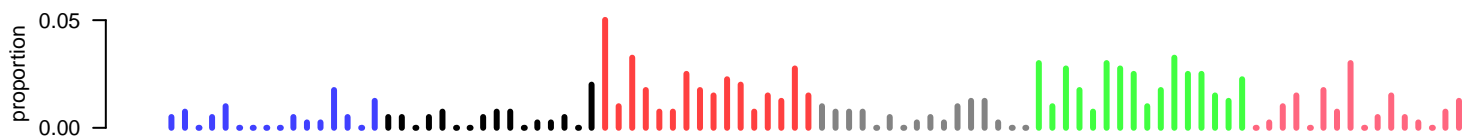
sample_403



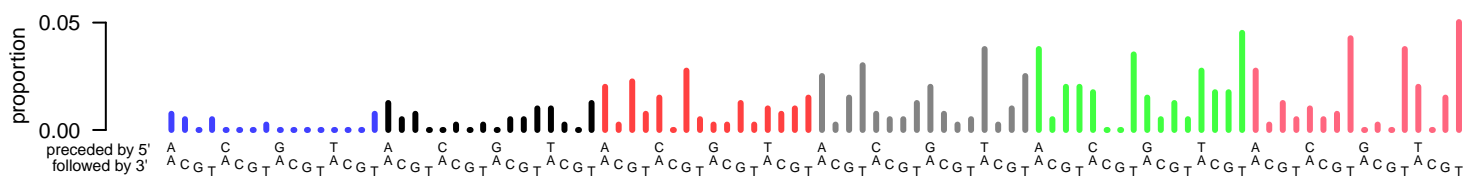
sample_785



sample_537



sample_810



sample_804



sample_431



sample_653



sample_865



sample_783



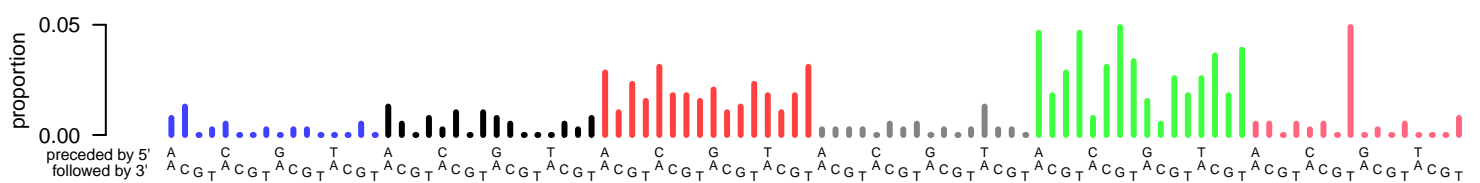
sample_275



sample_538



sample_436



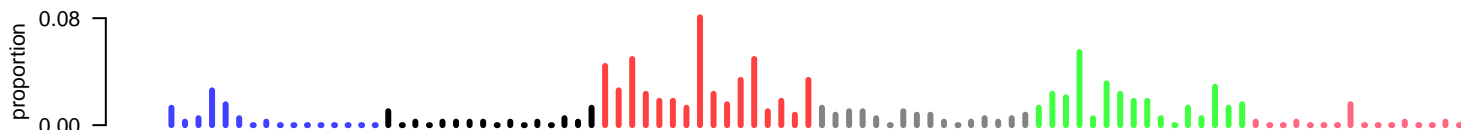
sample_374



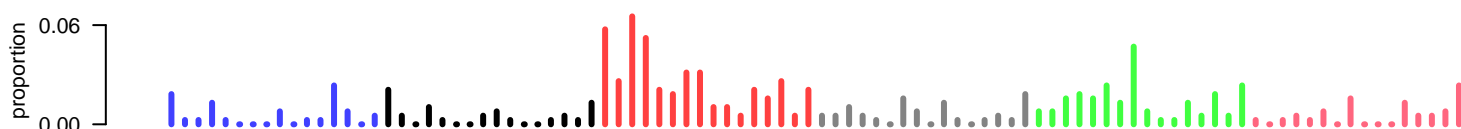
sample_268



sample_654



sample_215



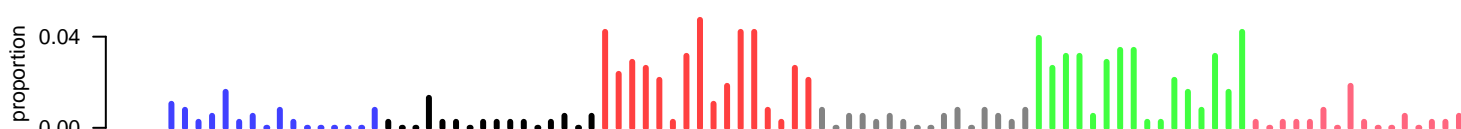
sample_737



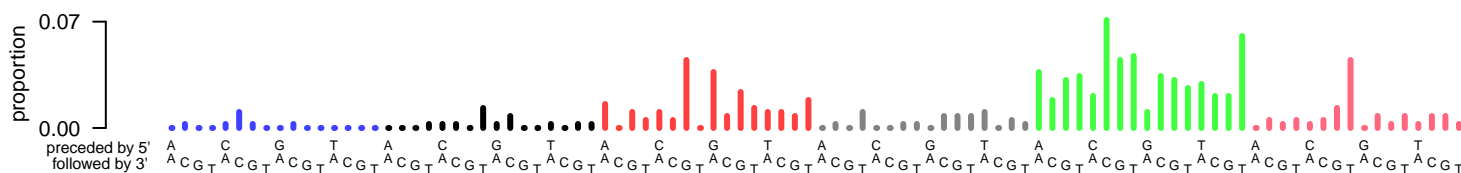
sample_230



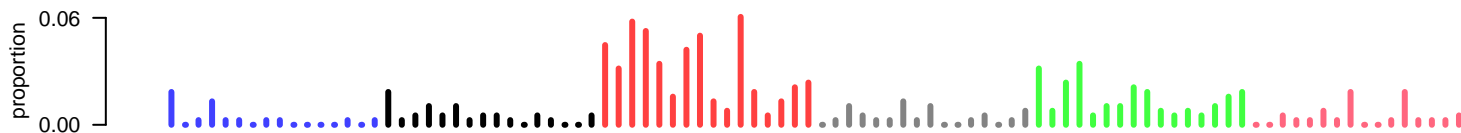
sample_250



sample_695



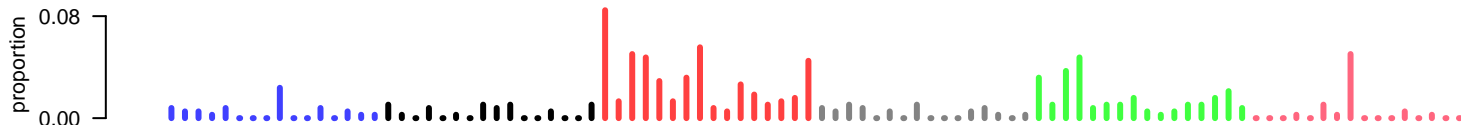
sample_713



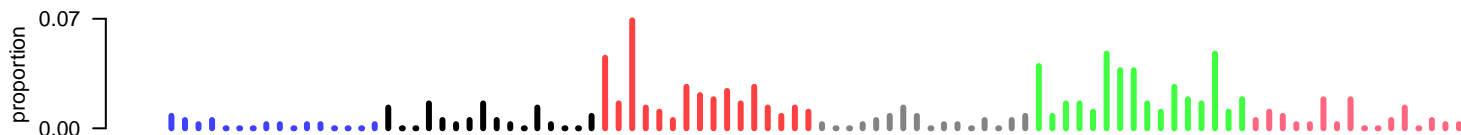
sample_981



sample_520



sample_742



sample_393



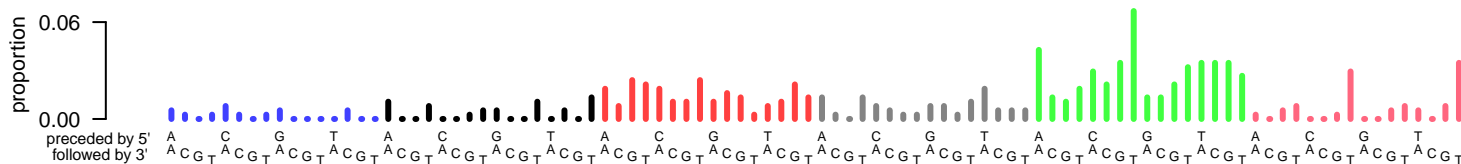
sample_66



sample_370



sample_675



preceded by 5'
followed by 3'

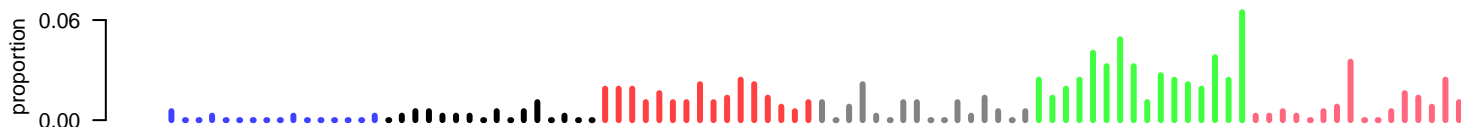
sample_683



sample_509



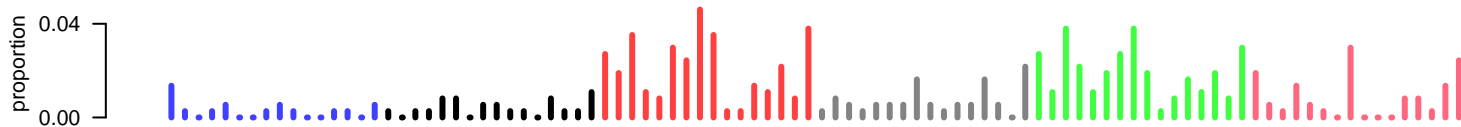
sample_608



sample_859



sample_600



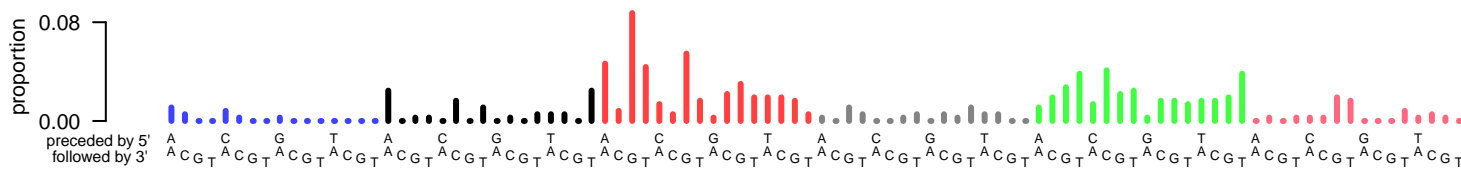
sample_240

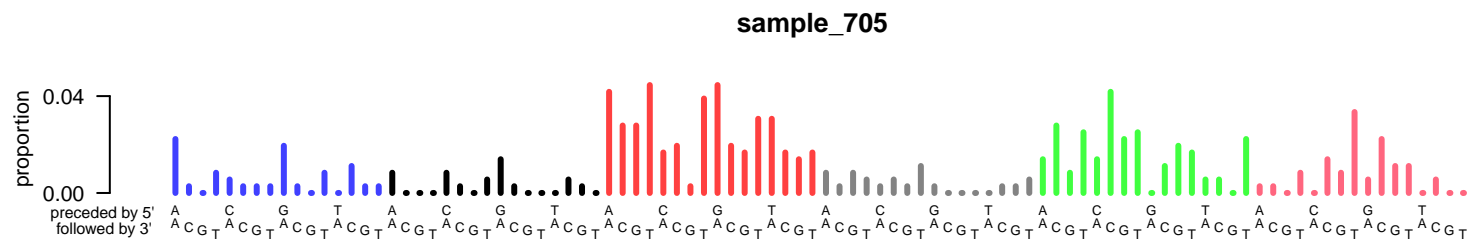
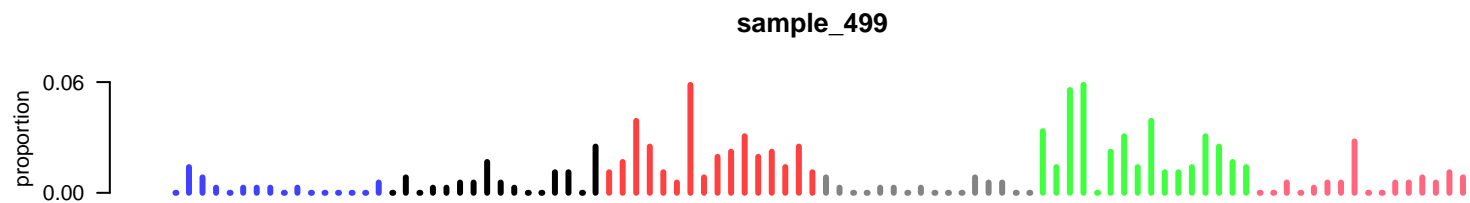
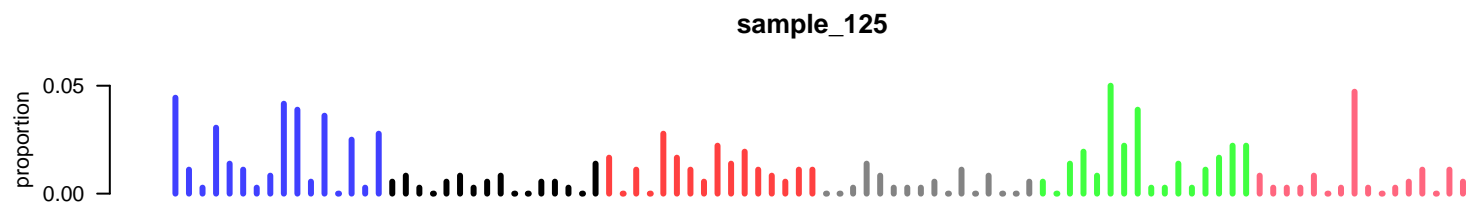
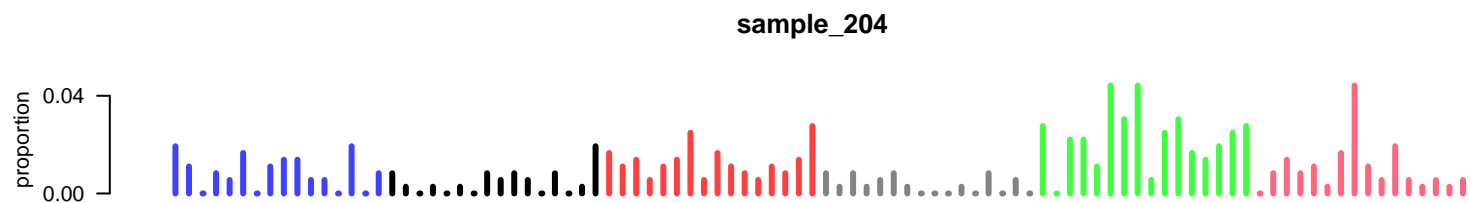
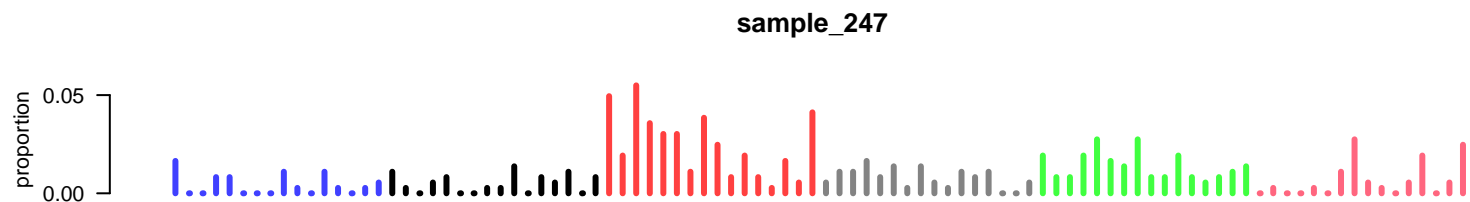
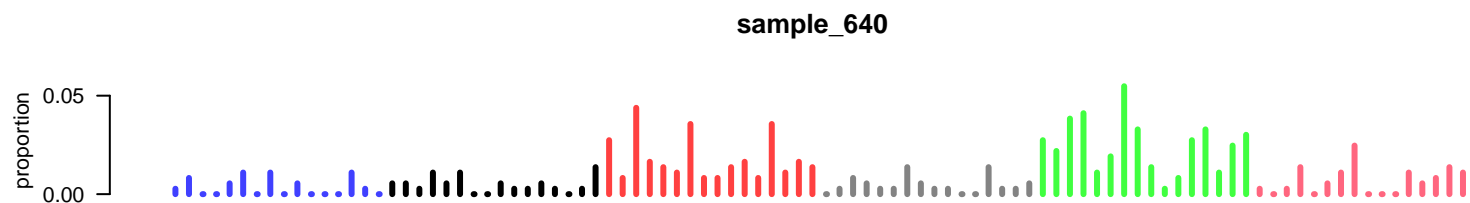
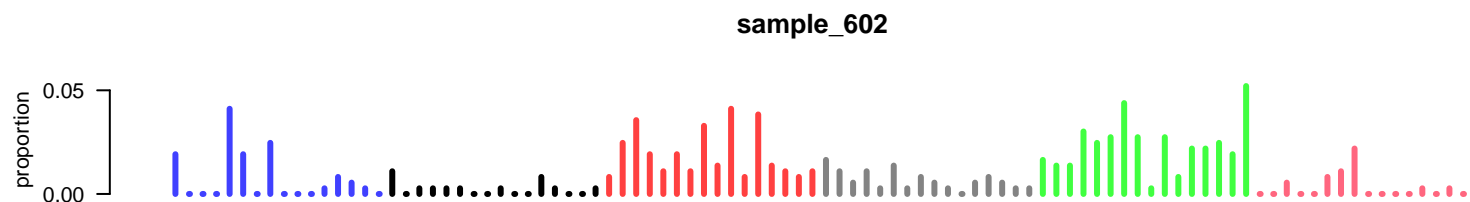
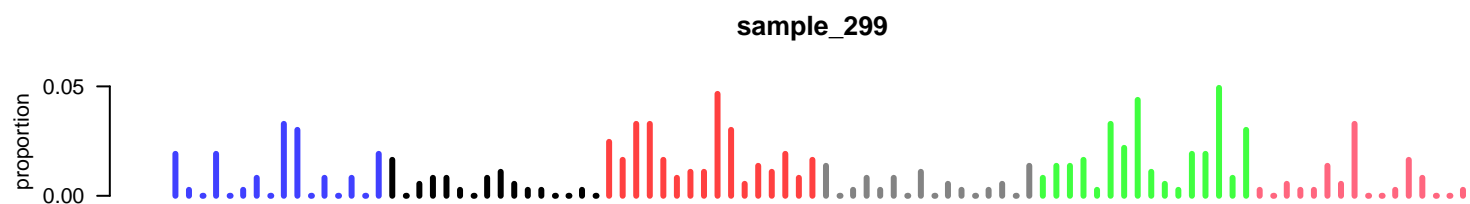


sample_553



sample_466

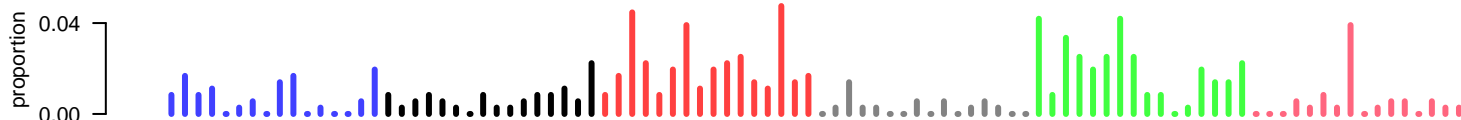




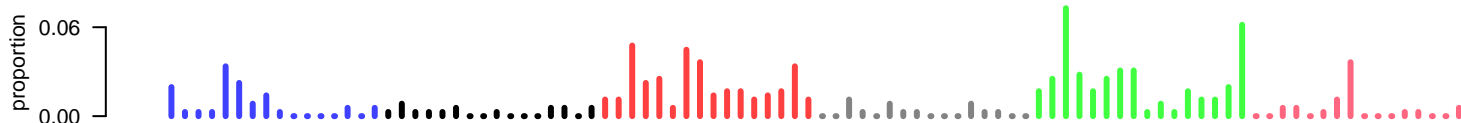
sample_518



sample_932



sample_417



sample_722



sample_883



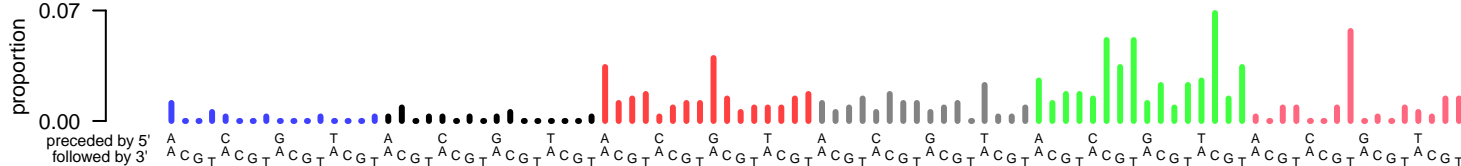
sample_396



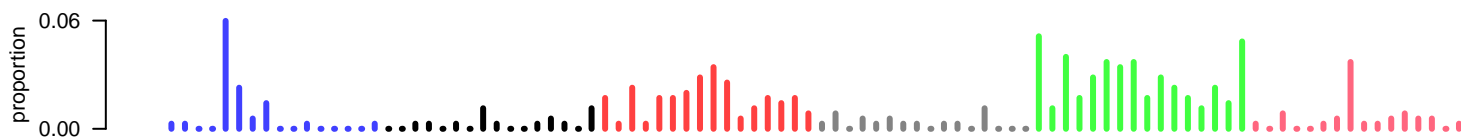
sample_836



sample_177



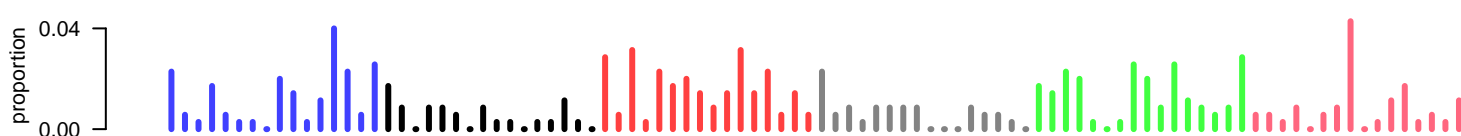
sample_483



sample_745



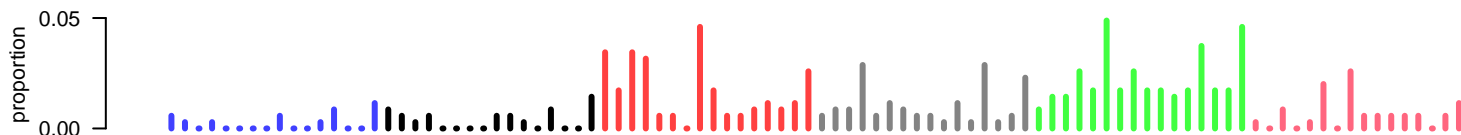
sample_40



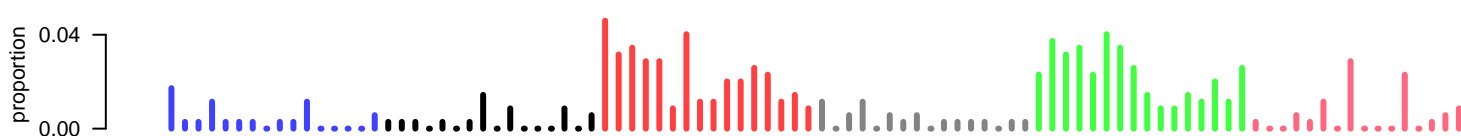
sample_919



sample_973



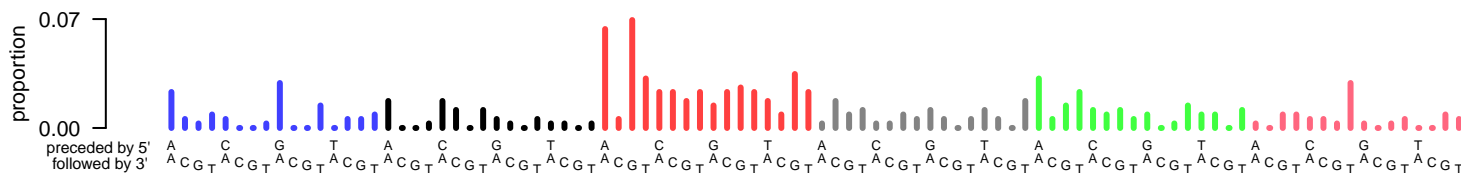
sample_987



sample_975



sample_49



sample_696



sample_286



sample_280



sample_657



sample_169



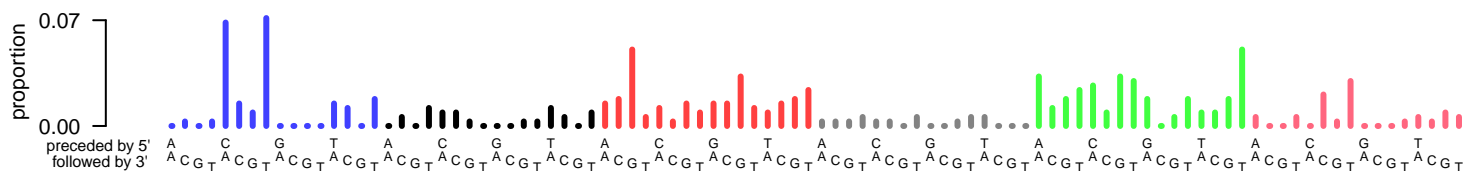
sample_551



sample_665



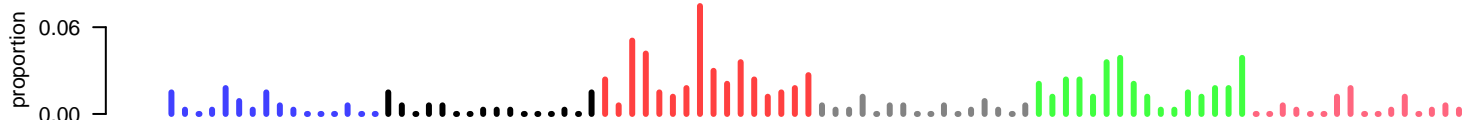
sample_880



sample_910



sample_843



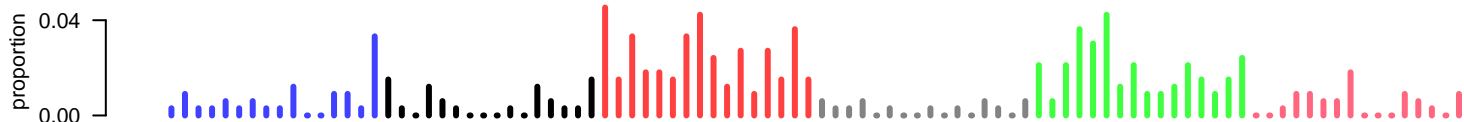
sample_212



sample_314



sample_145



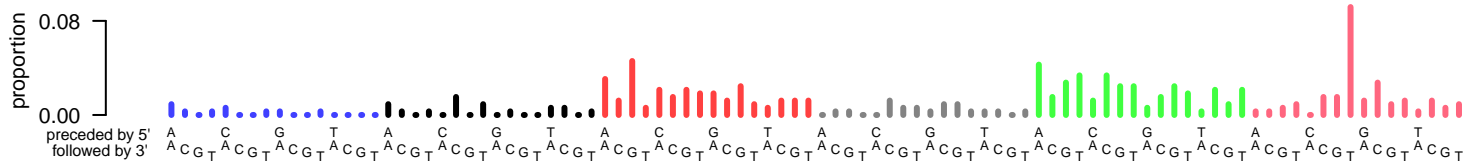
sample_331

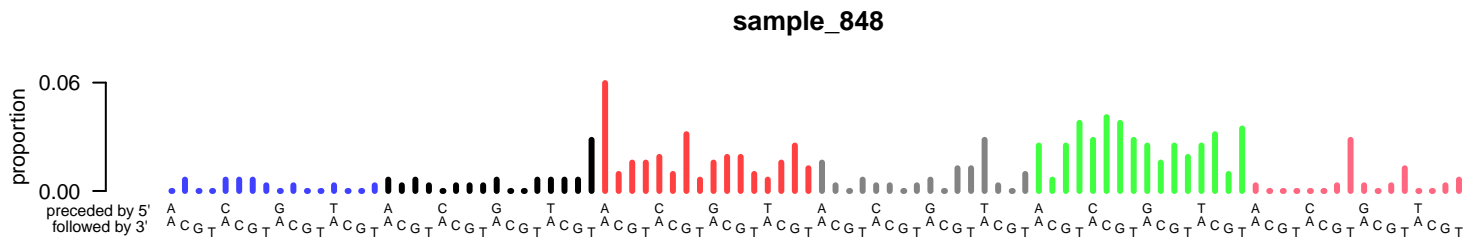
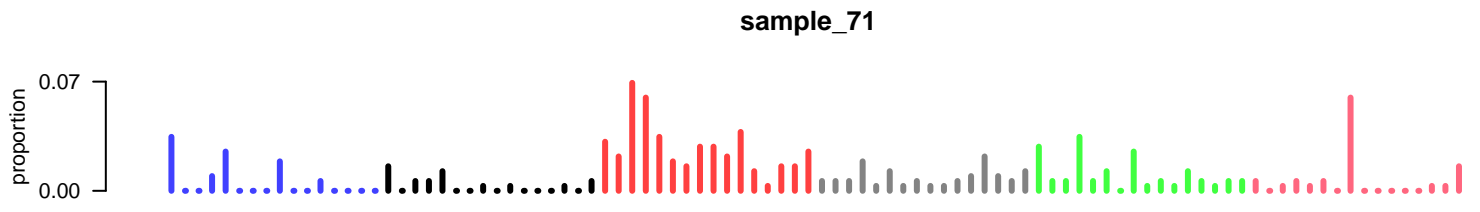
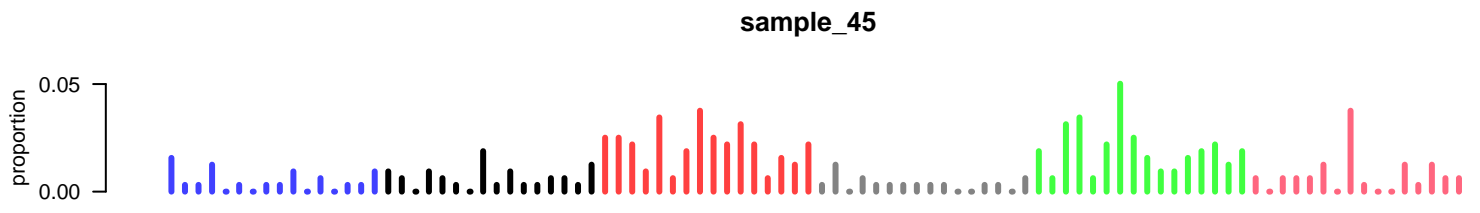
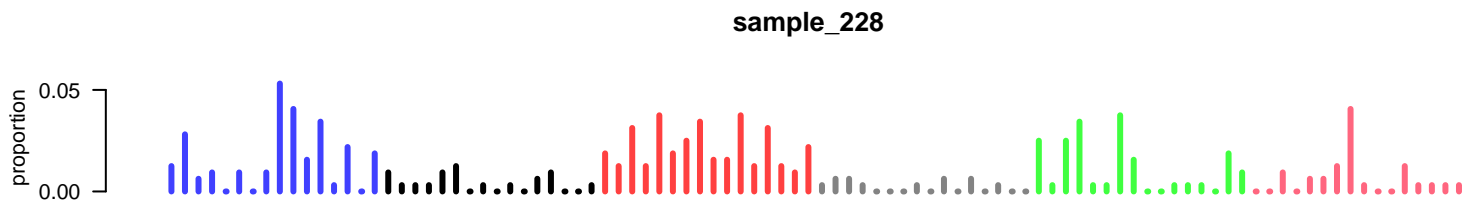
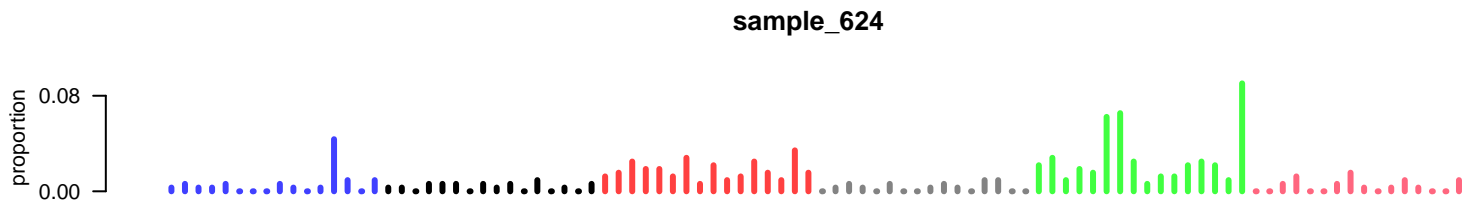
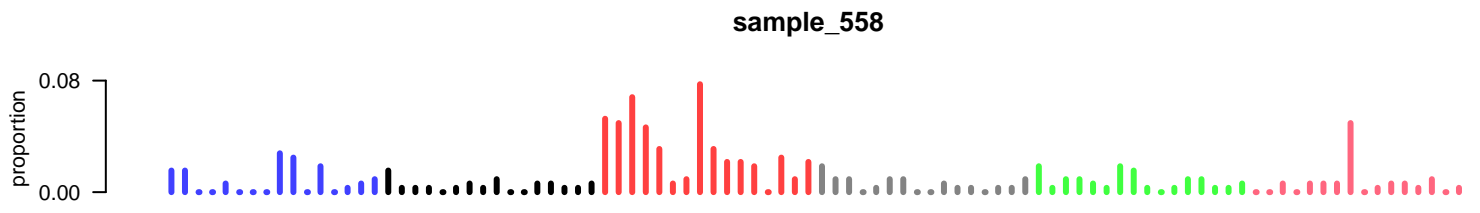
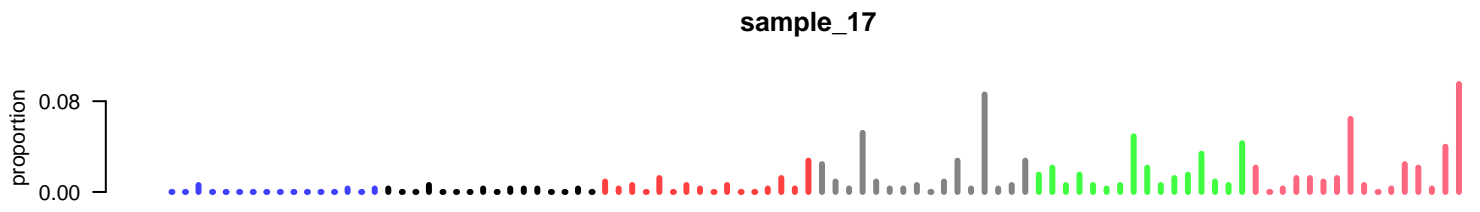
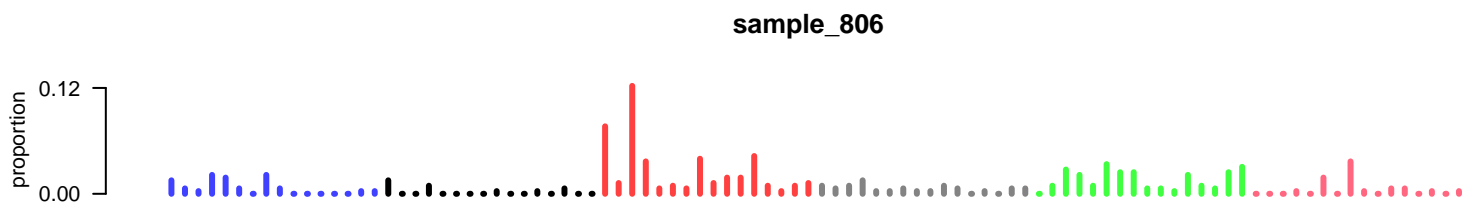


sample_434



sample_694





sample_232



sample_521



sample_581



sample_477



sample_549



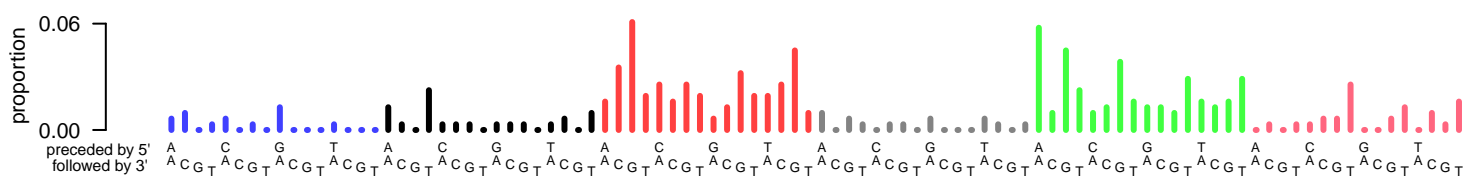
sample_710



sample_732



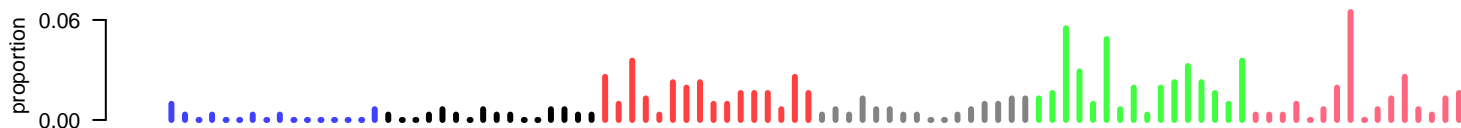
sample_928



sample_264



sample_92



sample_38



sample_283



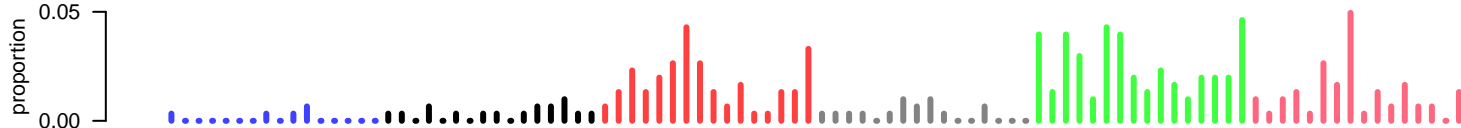
sample_920



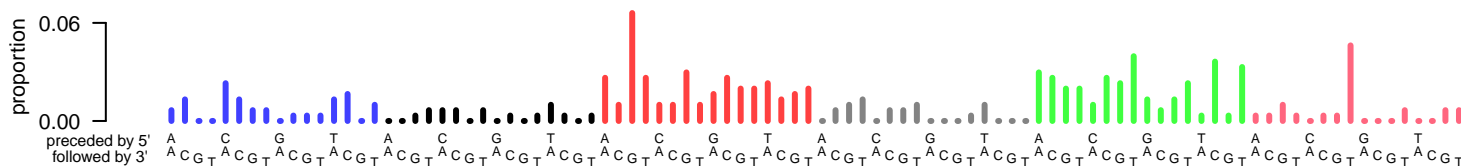
sample_112



sample_433



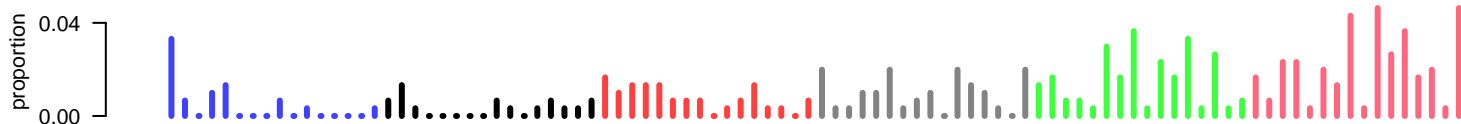
sample_568



sample_584



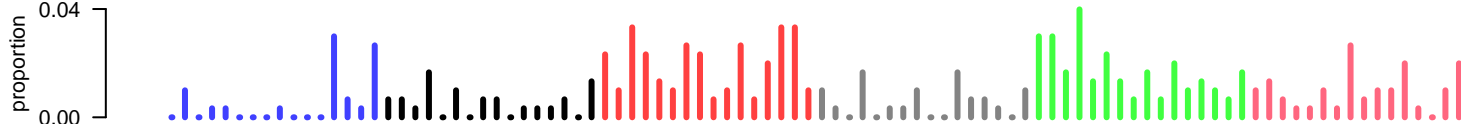
sample_285



sample_300



sample_219



sample_666



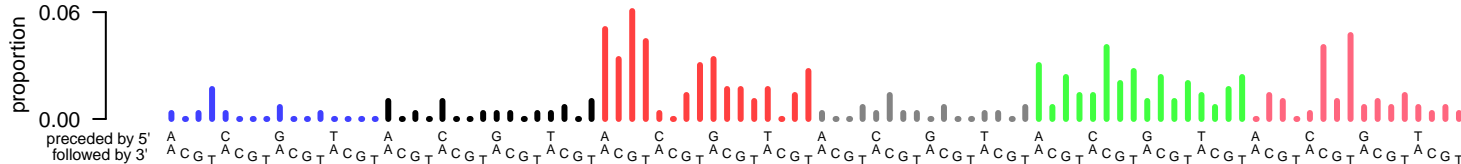
sample_364

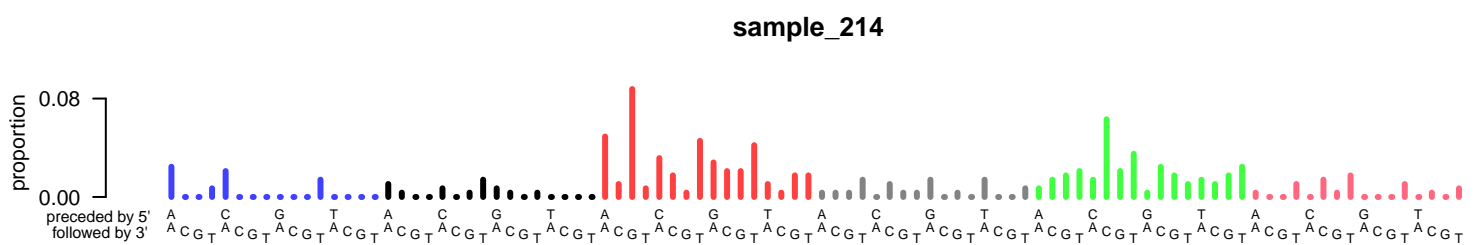
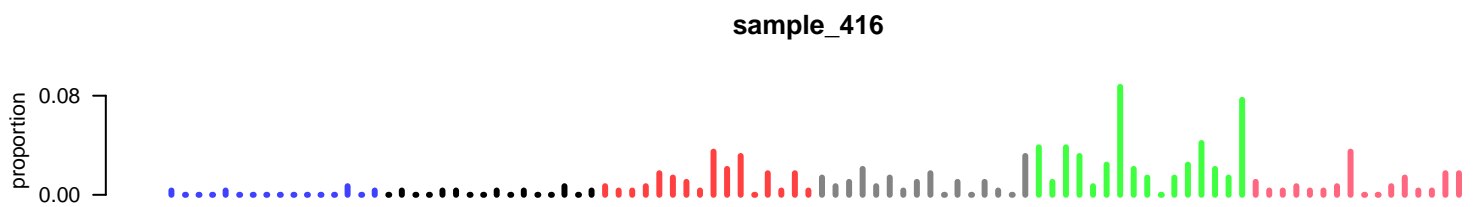
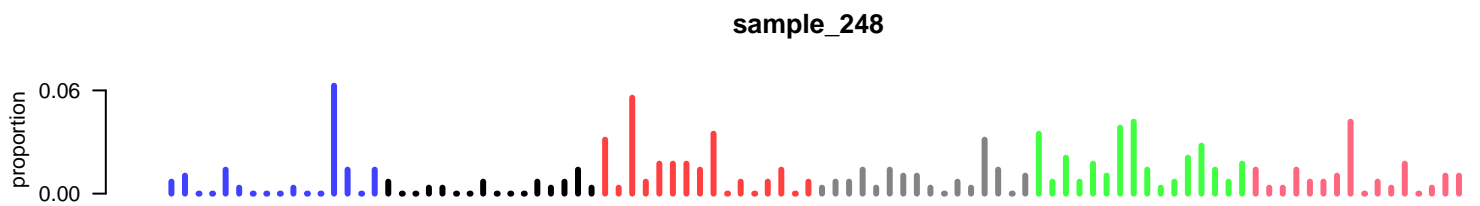
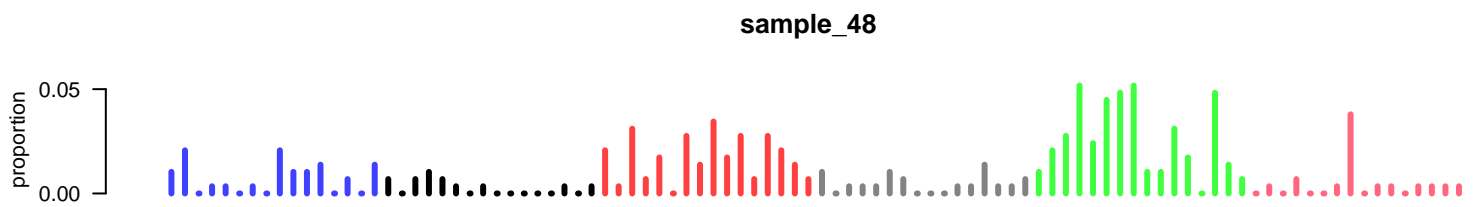
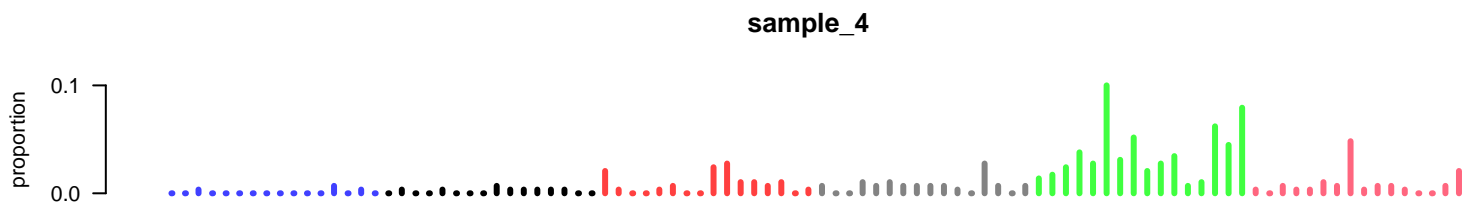
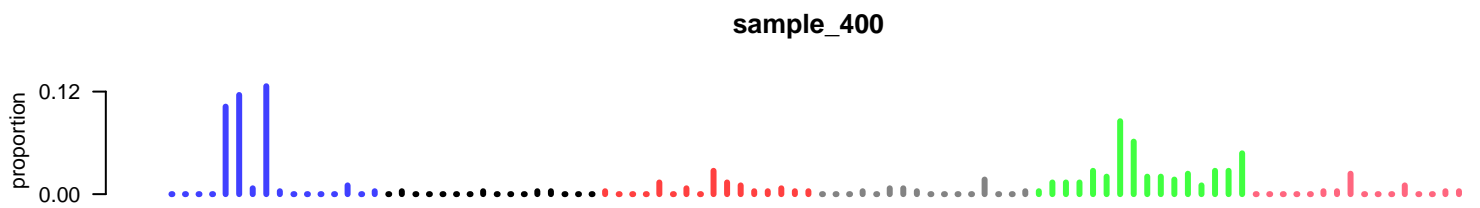
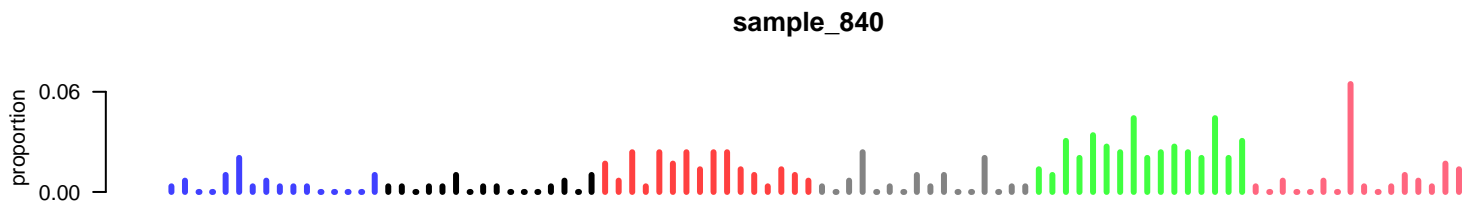
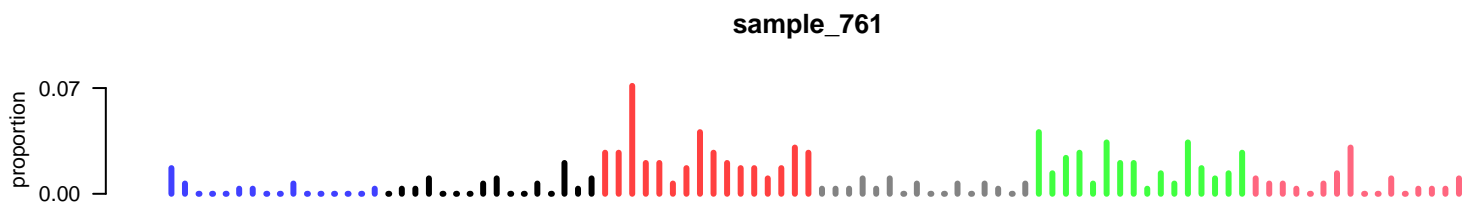


sample_410



sample_909





sample_450



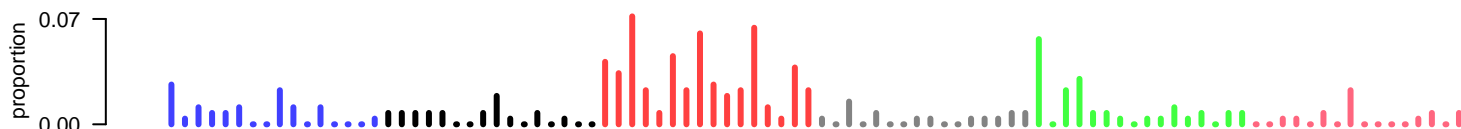
sample_346



sample_598



sample_738



sample_903



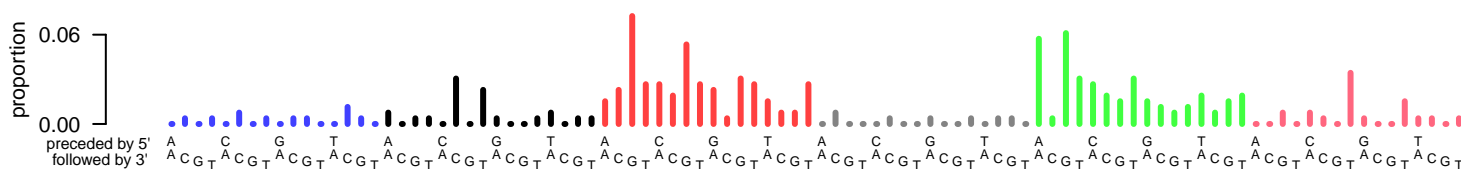
sample_191

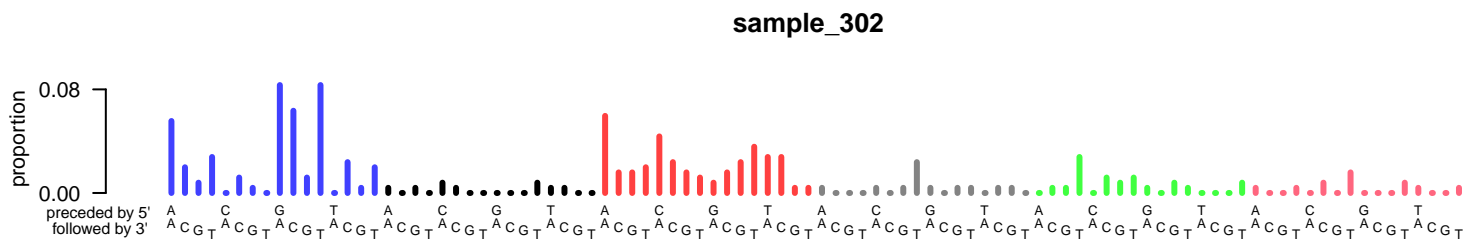
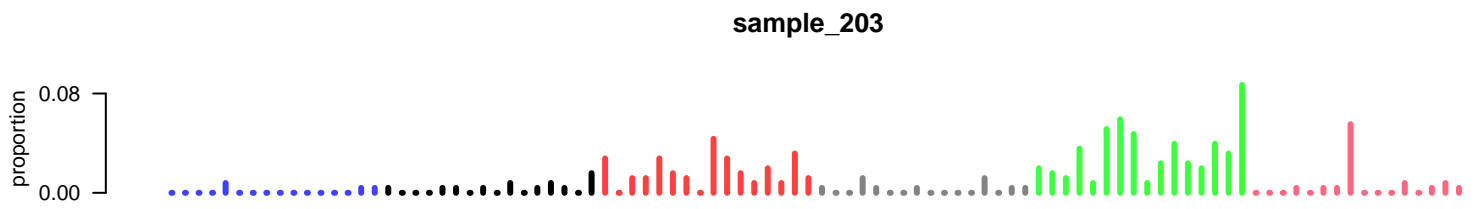
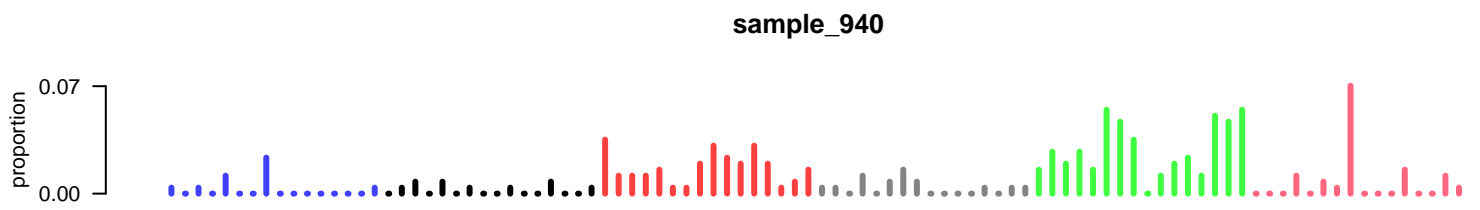
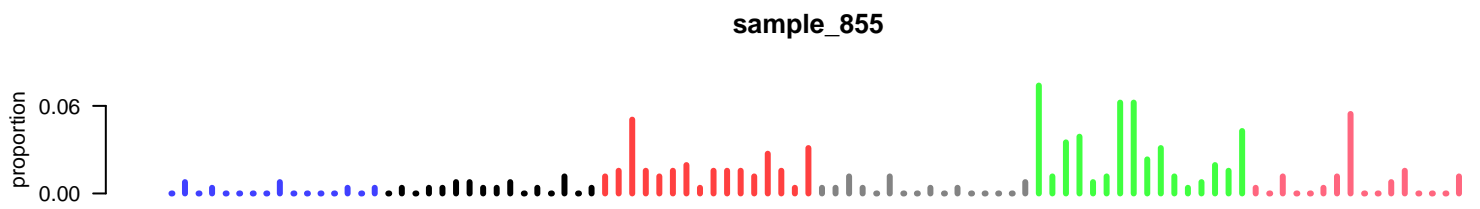
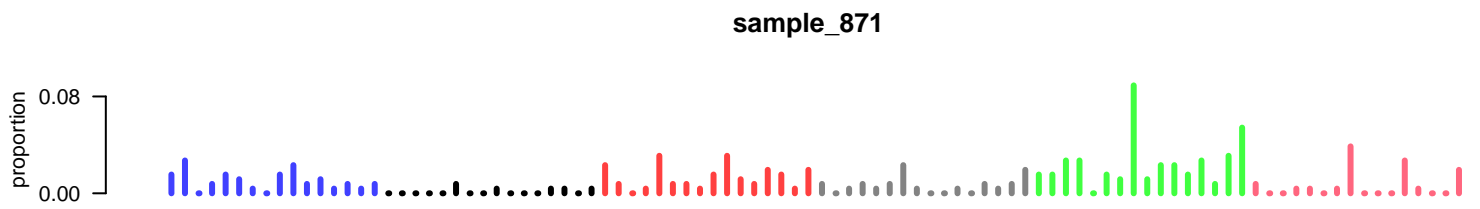
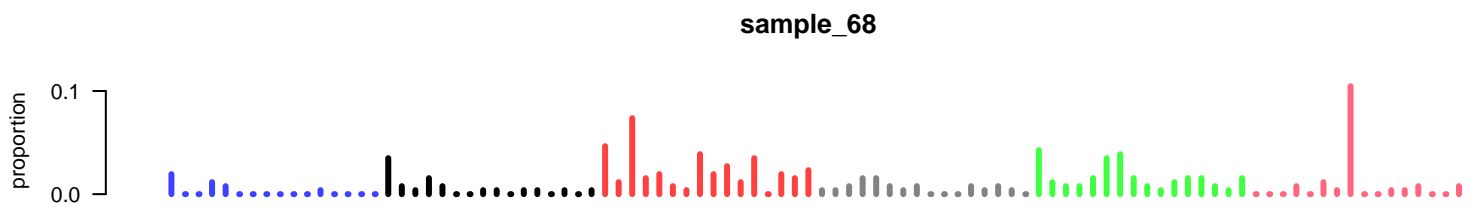
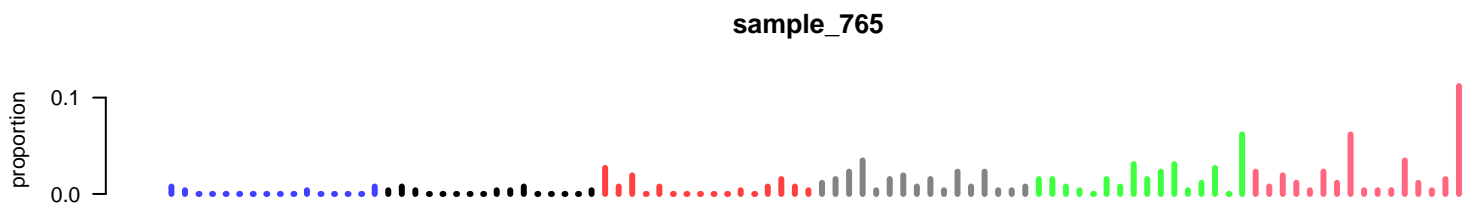
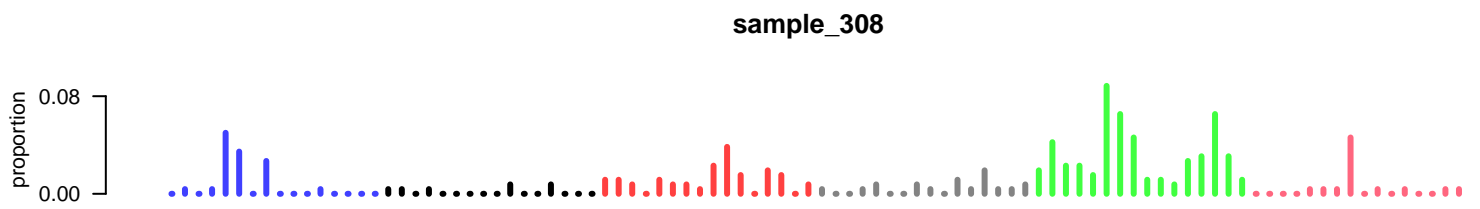


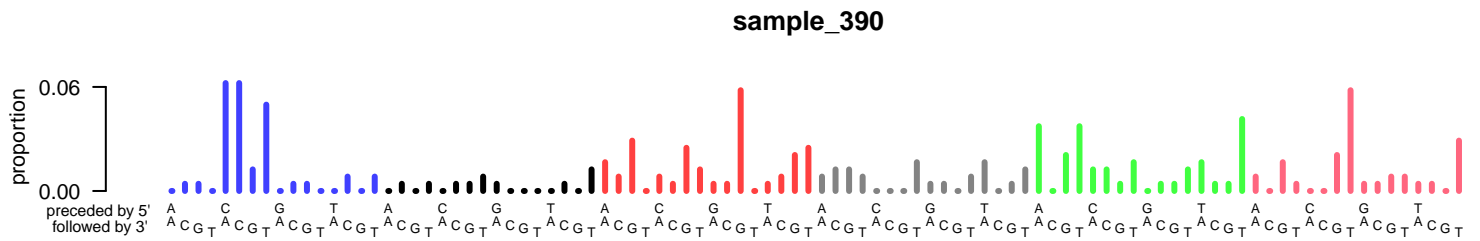
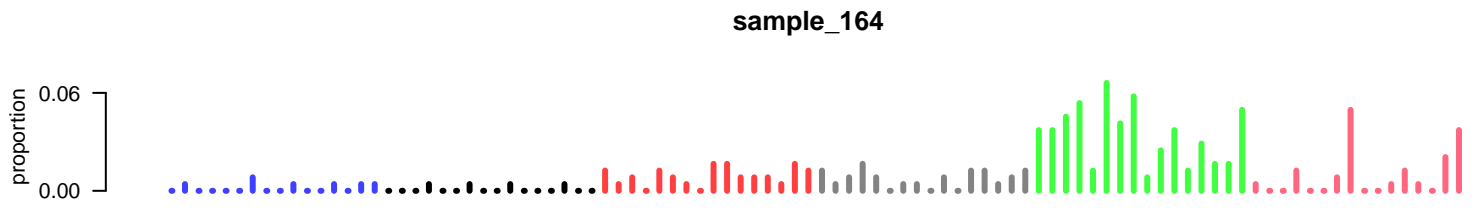
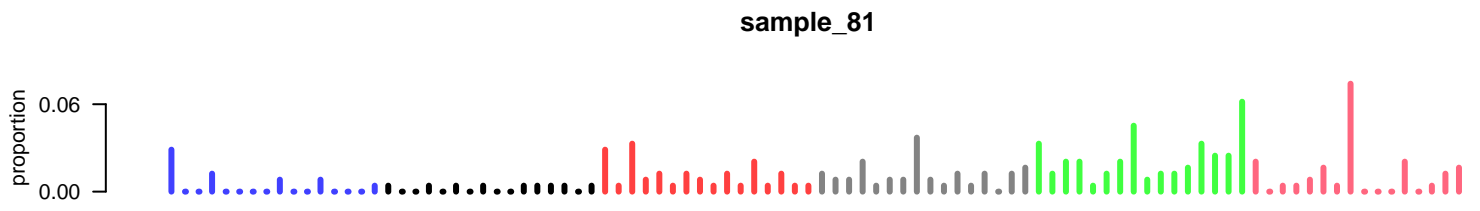
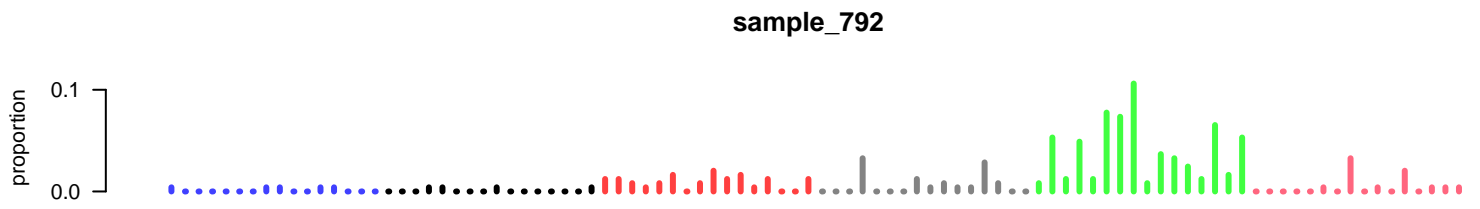
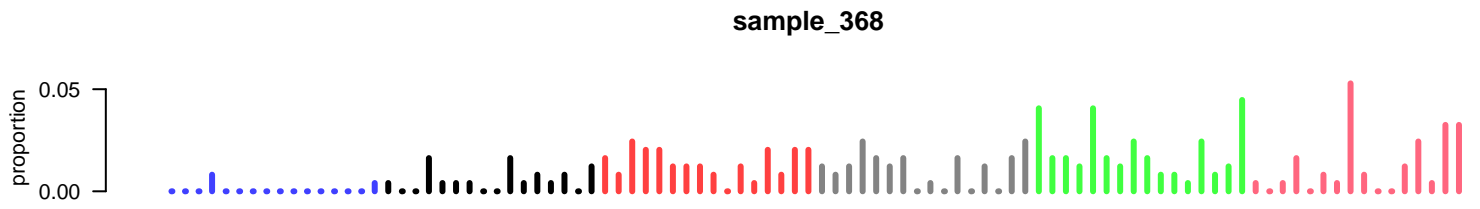
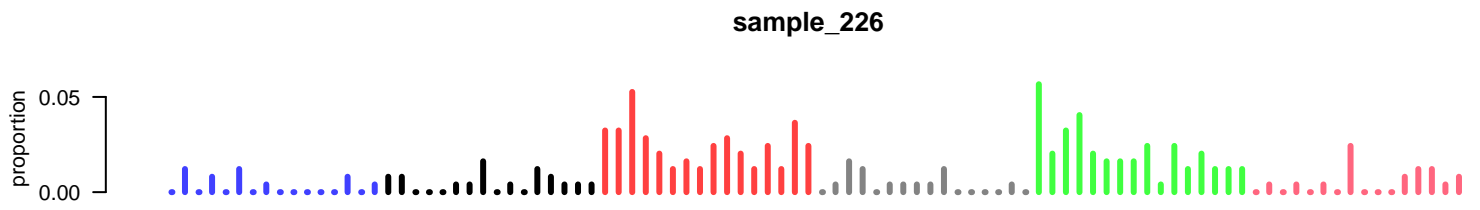
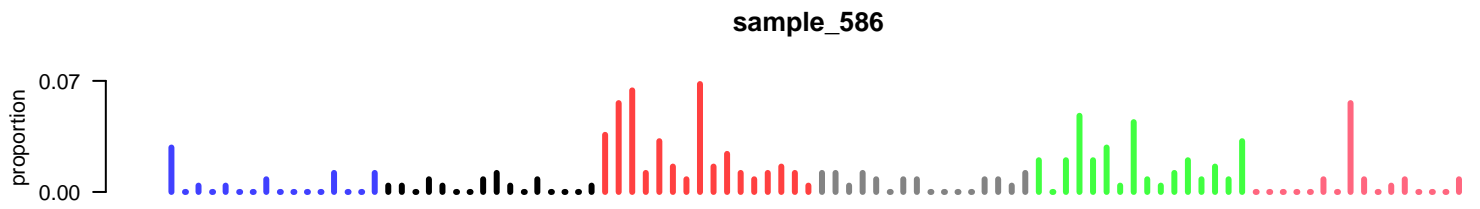
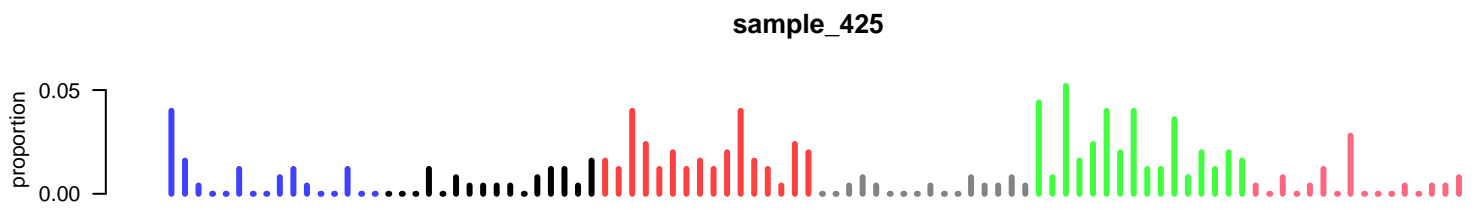
sample_741



sample_944







sample_622



sample_500



sample_747



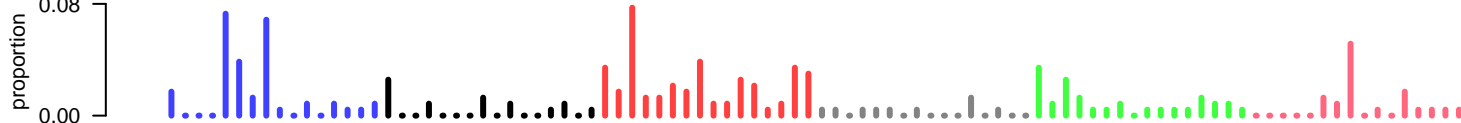
sample_588



sample_172



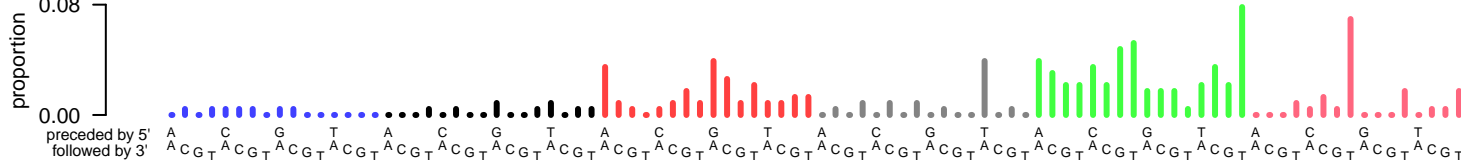
sample_56



sample_943



sample_144



sample_254



sample_508



sample_234



sample_720



sample_849



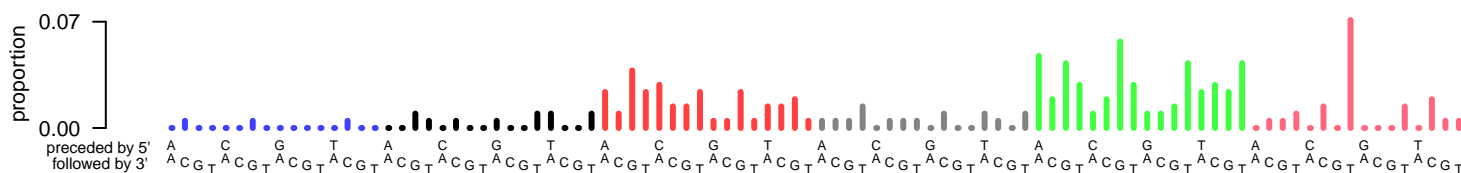
sample_692



sample_795



sample_384



sample_493



sample_469



sample_82



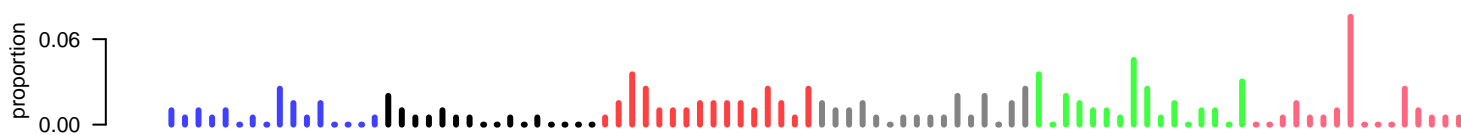
sample_93



sample_934



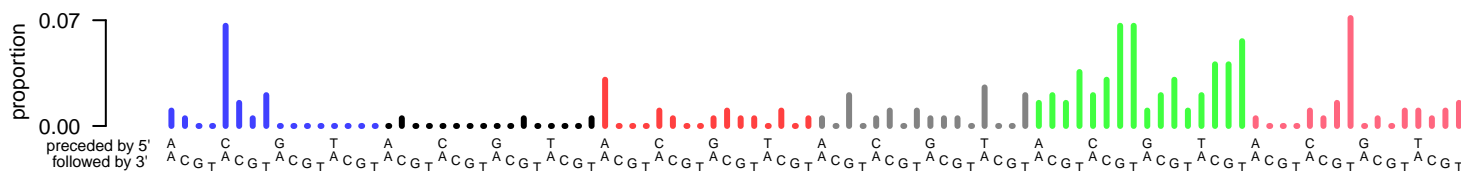
sample_334



sample_249



sample_461



sample_630



sample_667



sample_700



sample_167



sample_47



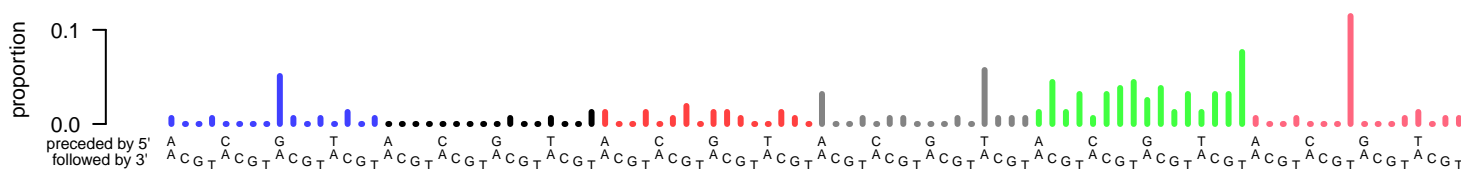
sample_488



sample_872



sample_525



sample_262



sample_349



sample_239



sample_379



sample_613



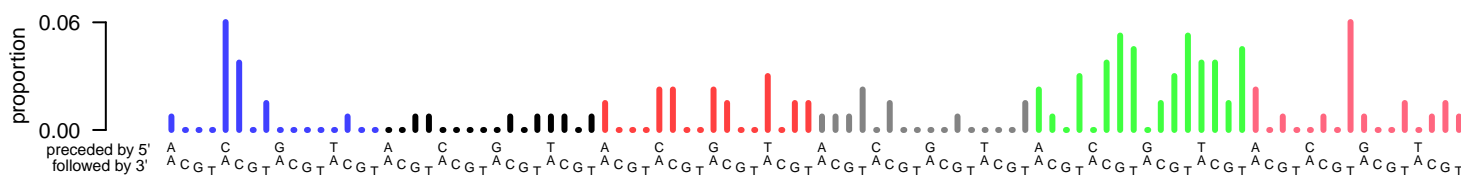
sample_772



sample_650



sample_261



sample_988



sample_891



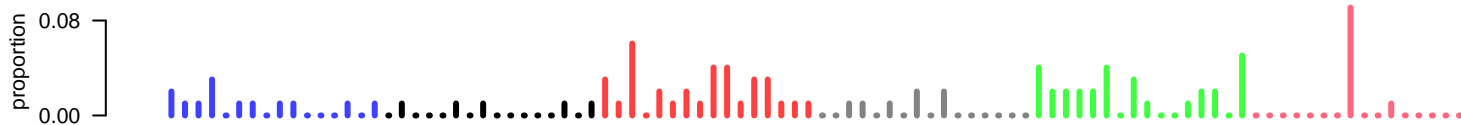
sample_552



sample_773



sample_422



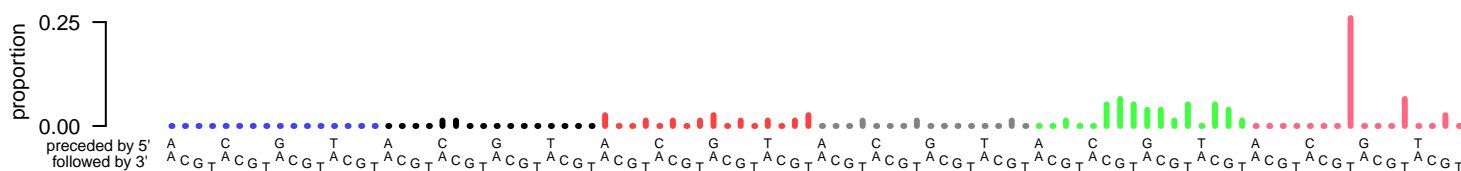
sample_668



sample_601



sample_648



sample_427



sample_990



sample_205



sample_22



sample_887



sample_96



sample_962



sample_160

