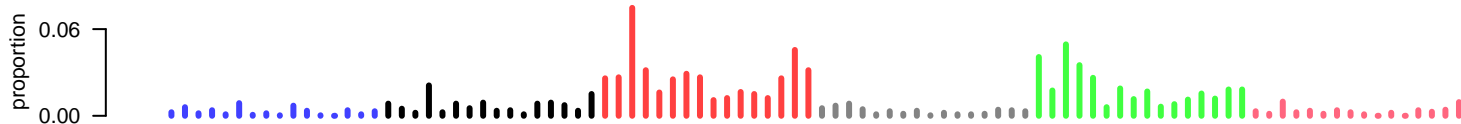


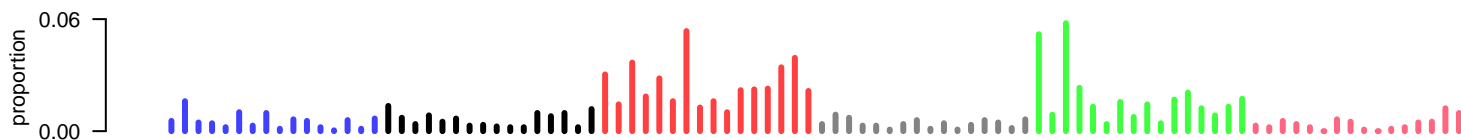
sample_896



sample_25



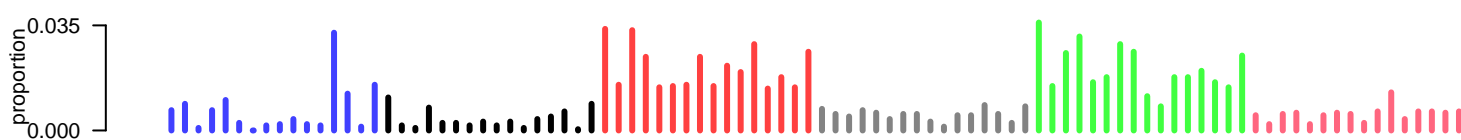
sample_440



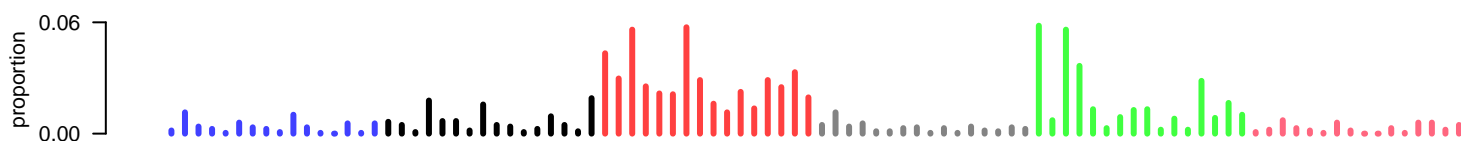
sample_736



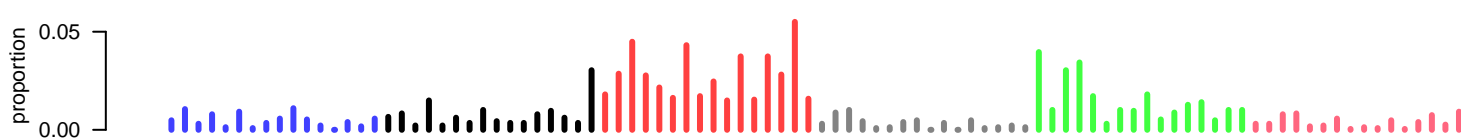
sample_805



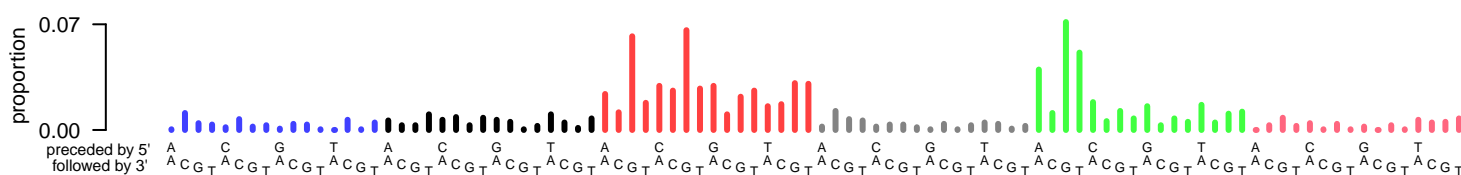
sample_611



sample_223



sample_419



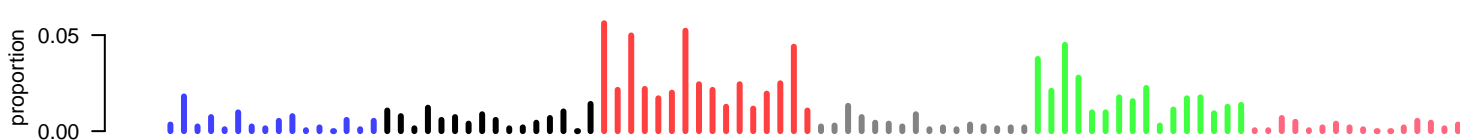
sample_587



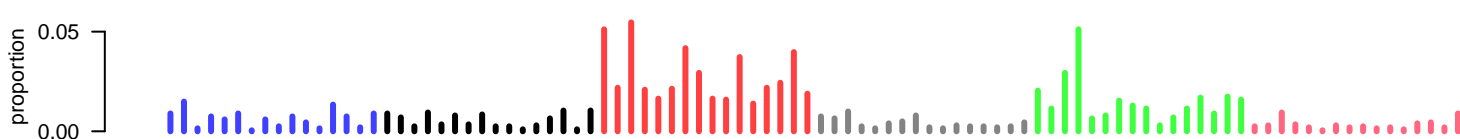
sample_403



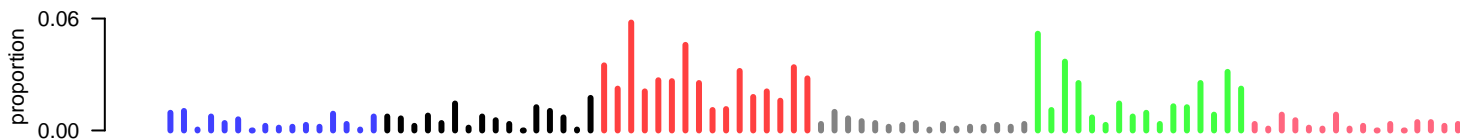
sample_432



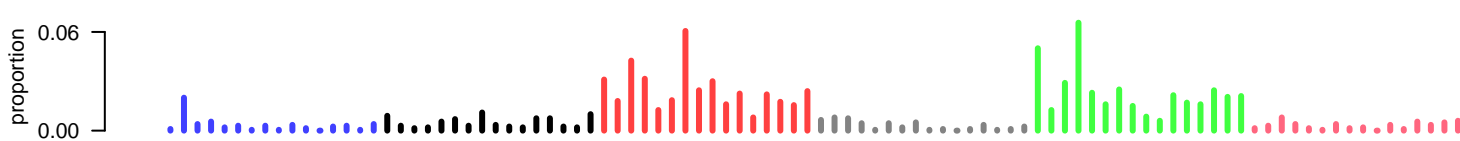
sample_469



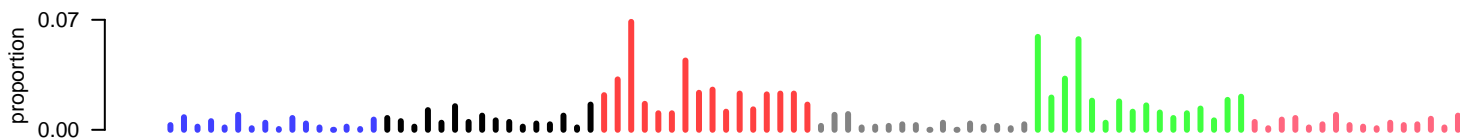
sample_845



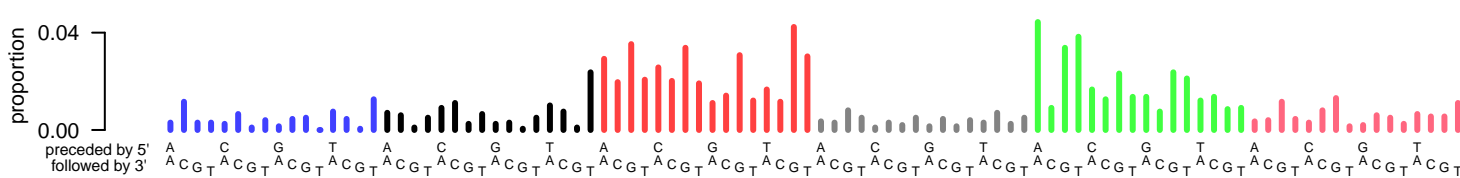
sample_962

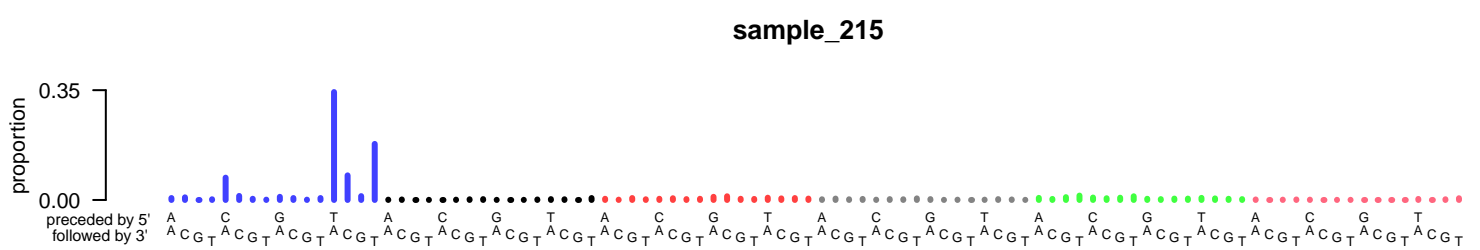
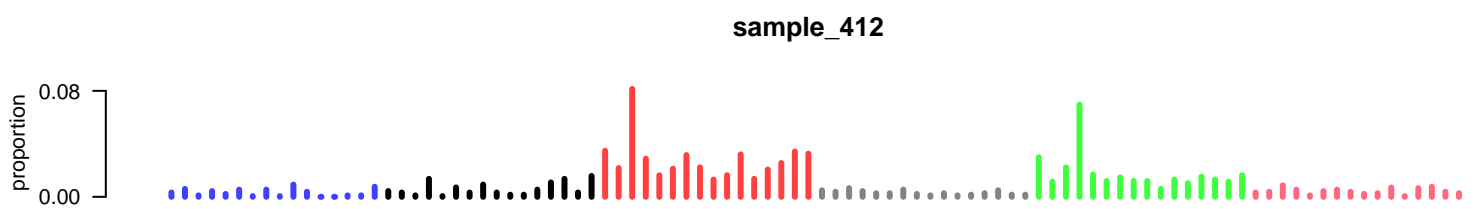
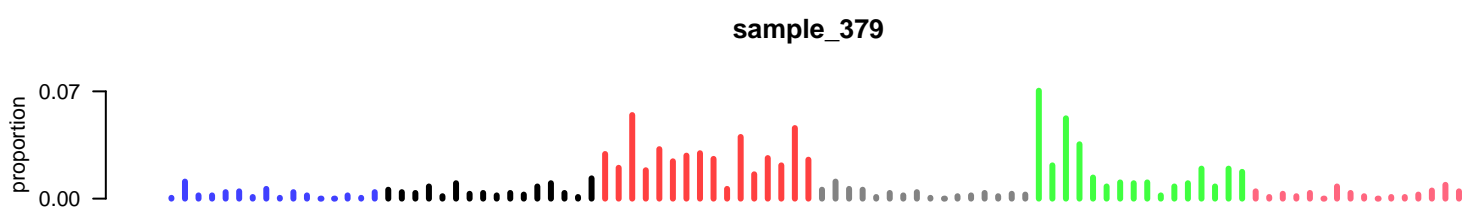
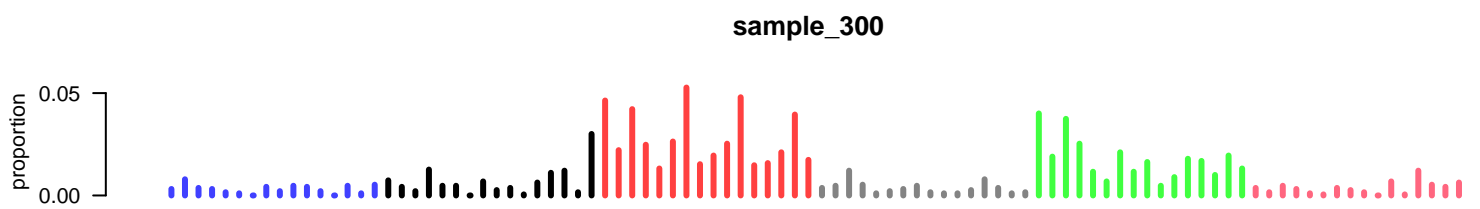
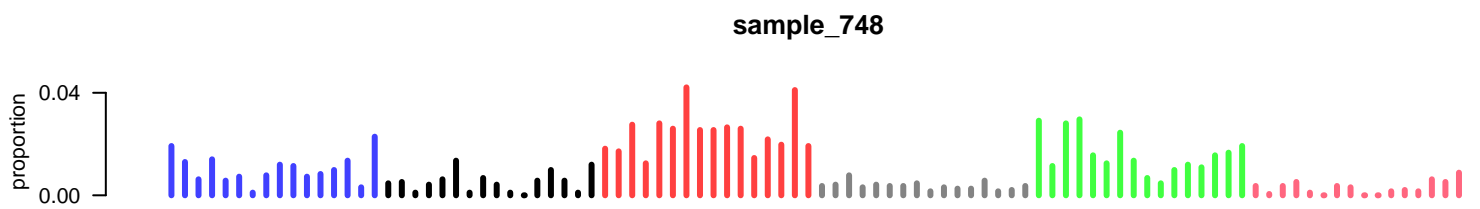
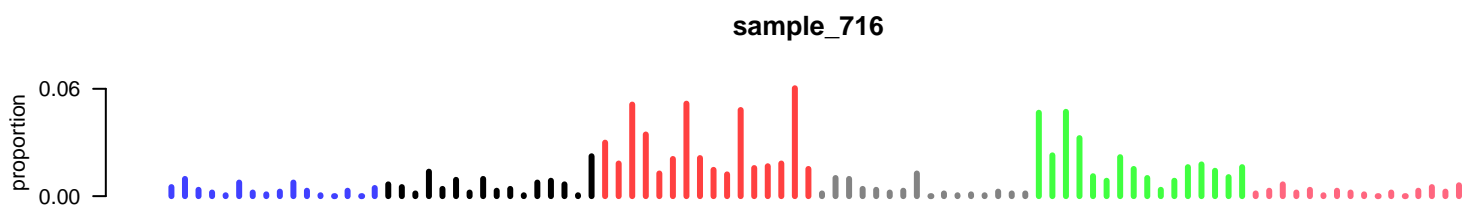
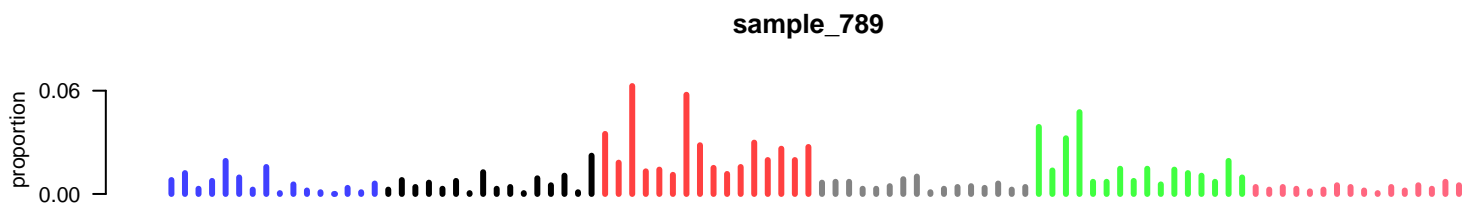
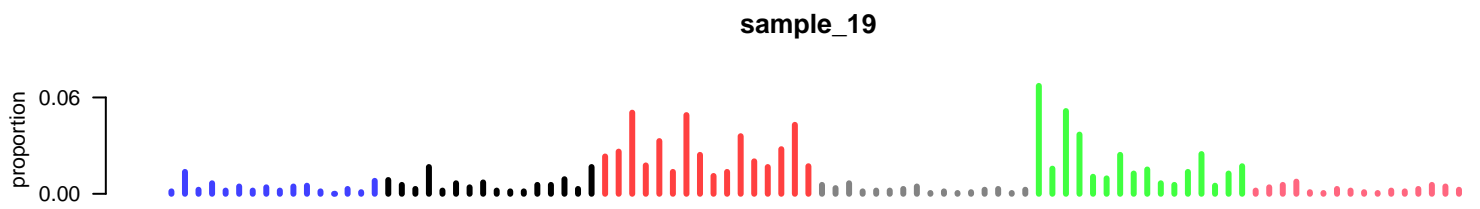


sample_260

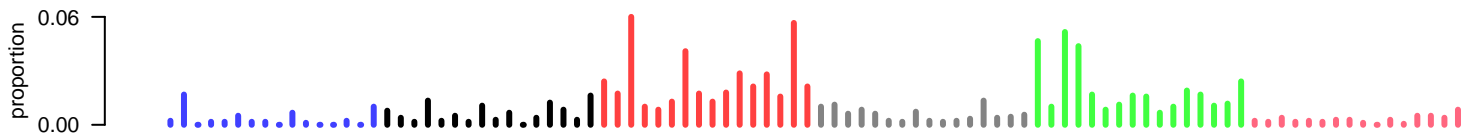


sample_672

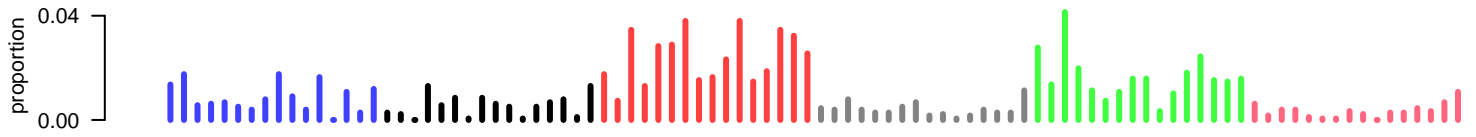




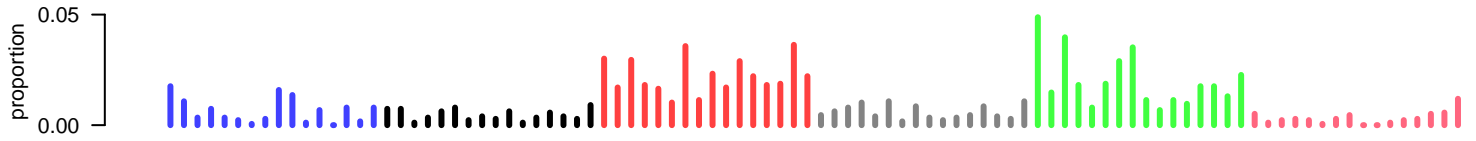
sample_912



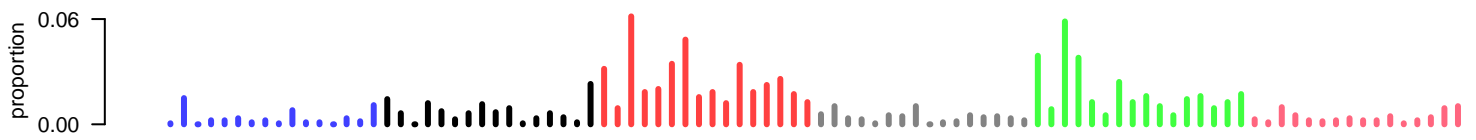
sample_943



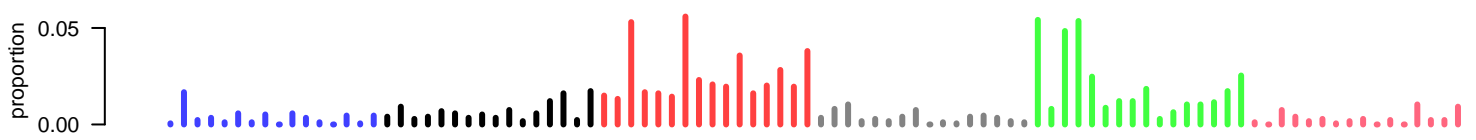
sample_664



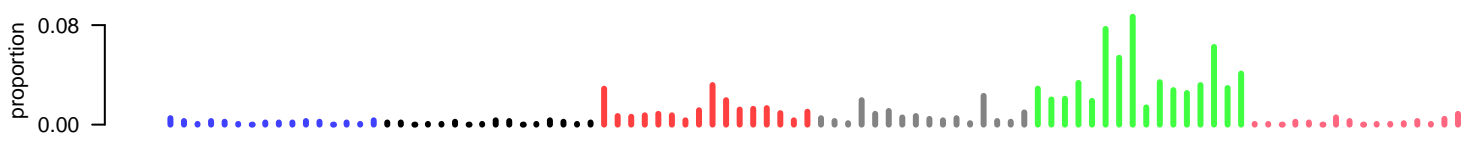
sample_763



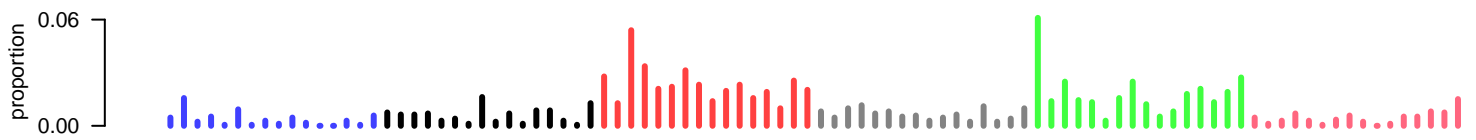
sample_483



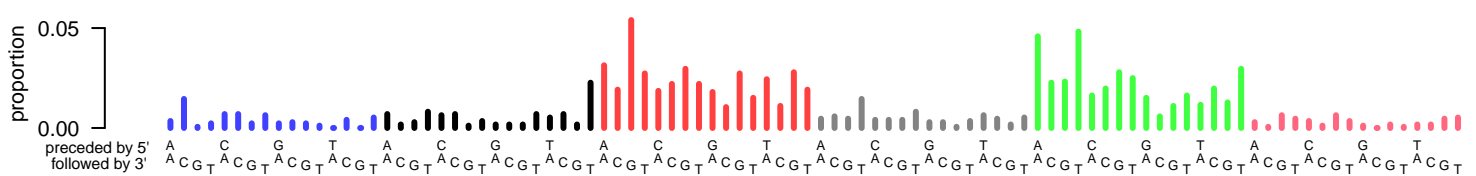
sample_980



sample_527



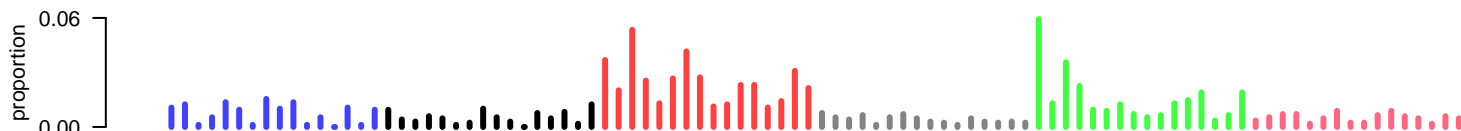
sample_633



sample_465



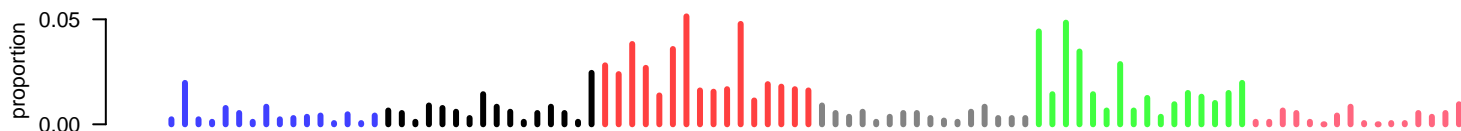
sample_302



sample_865



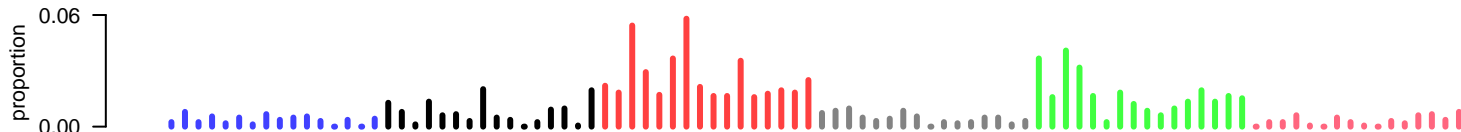
sample_434



sample_76



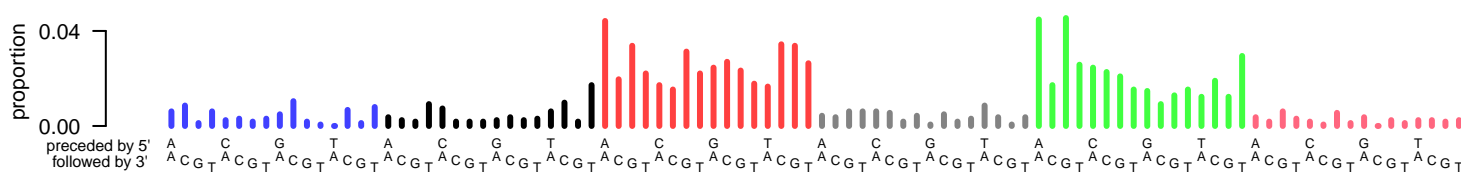
sample_454



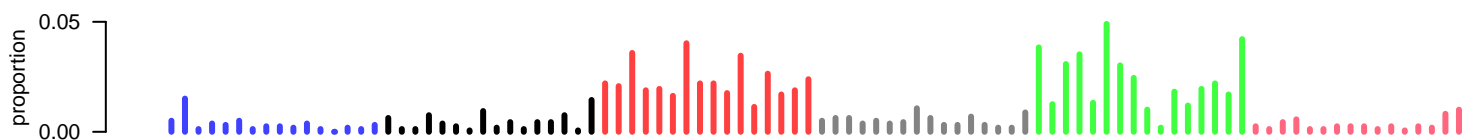
sample_985



sample_888



sample_400



sample_290



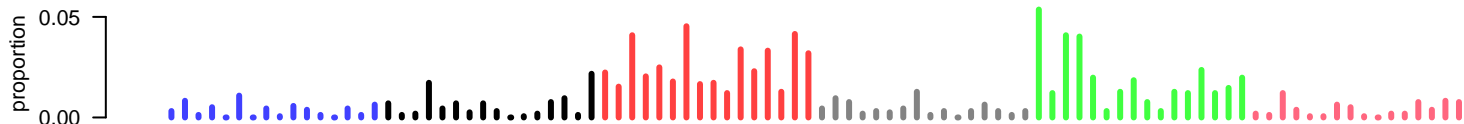
sample_208



sample_323



sample_734



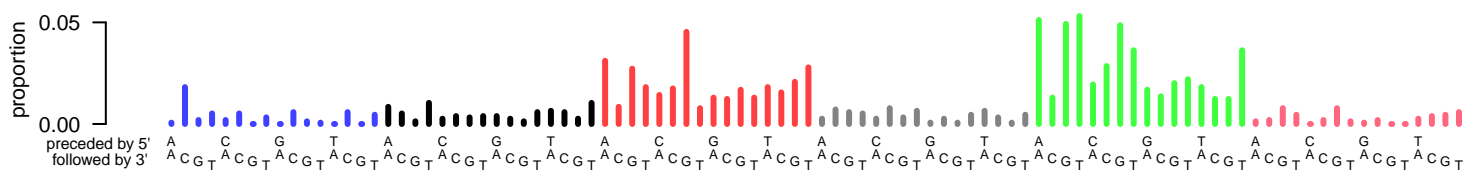
sample_56

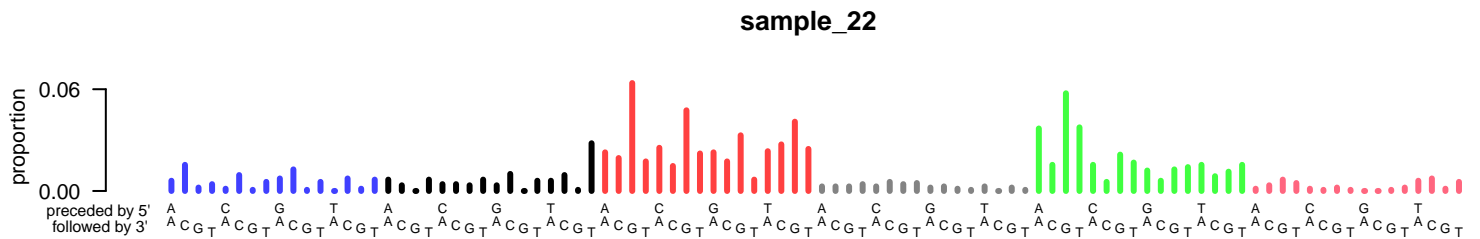
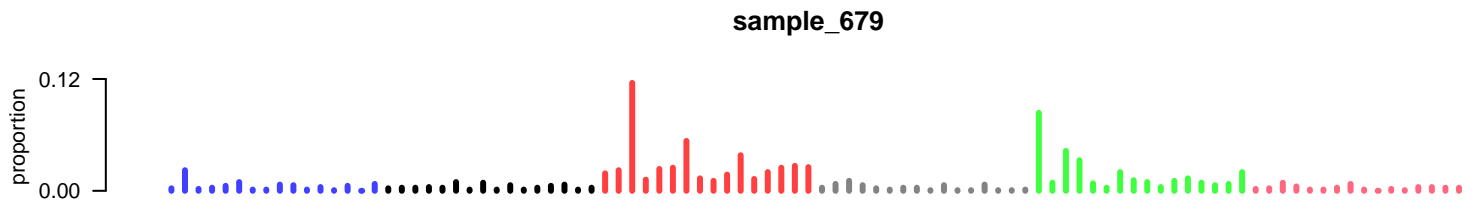
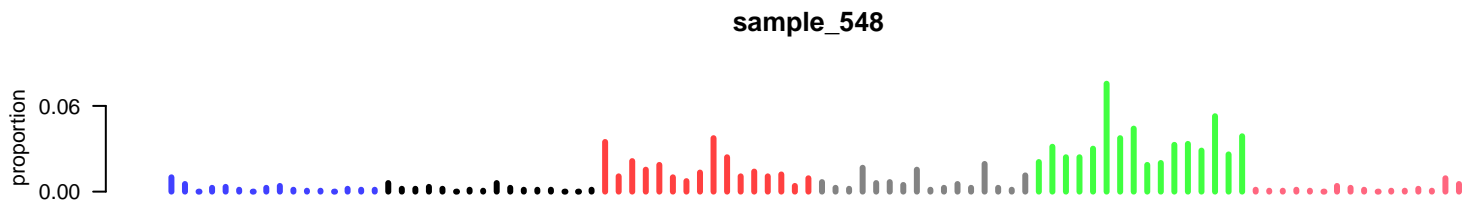
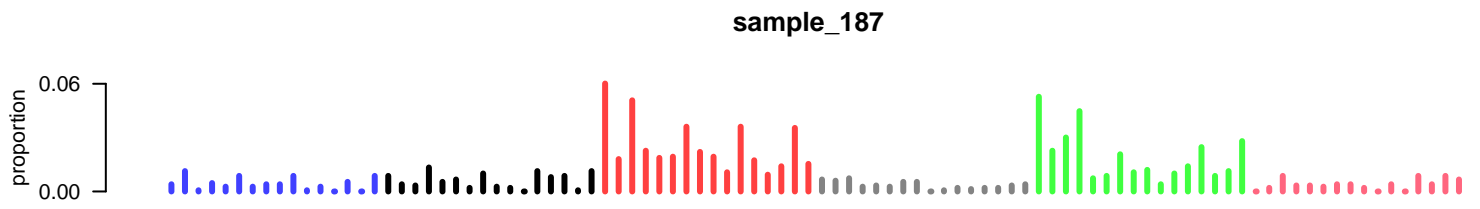
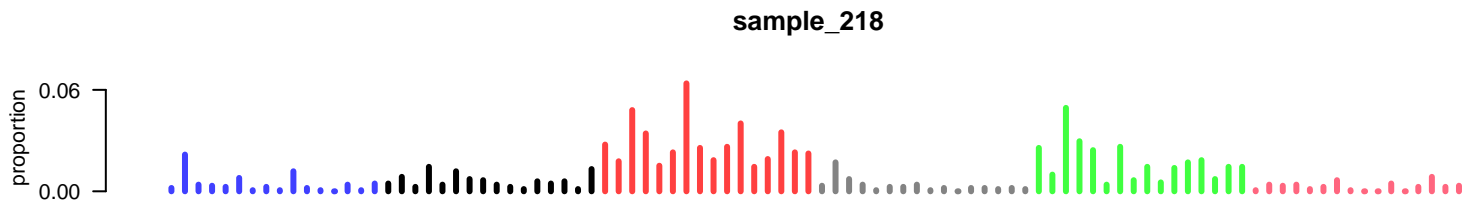
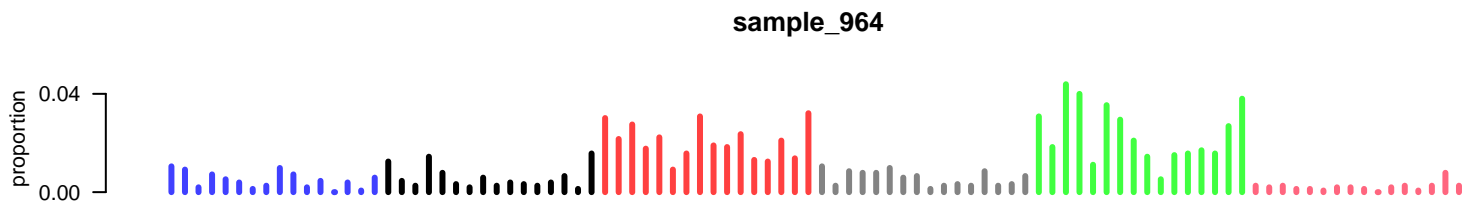
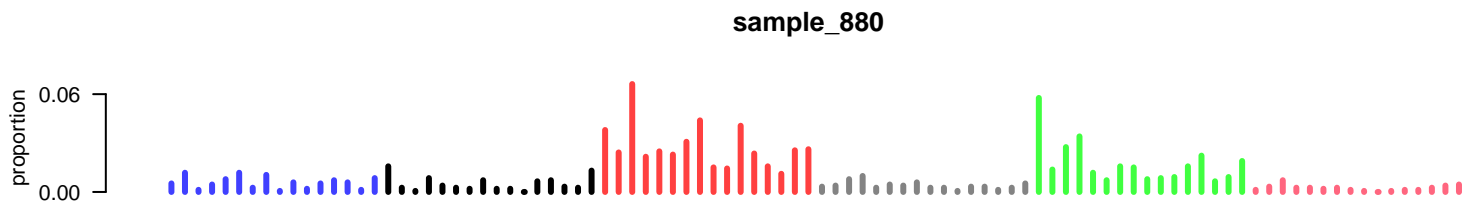
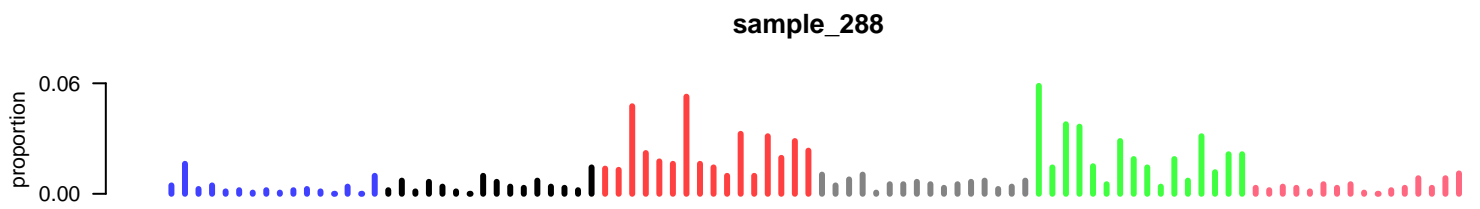


sample_844

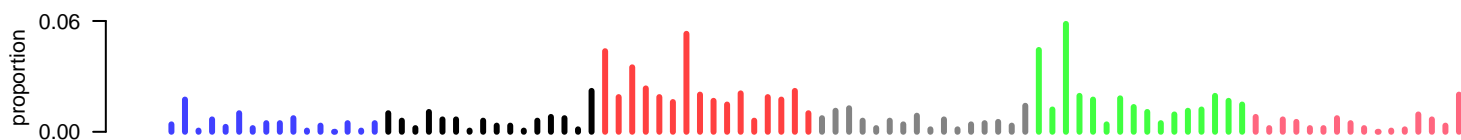


sample_724





sample_312



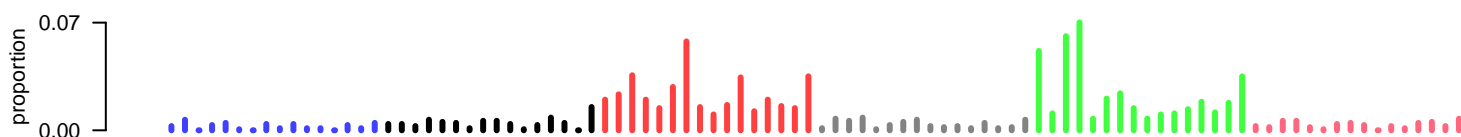
sample_207



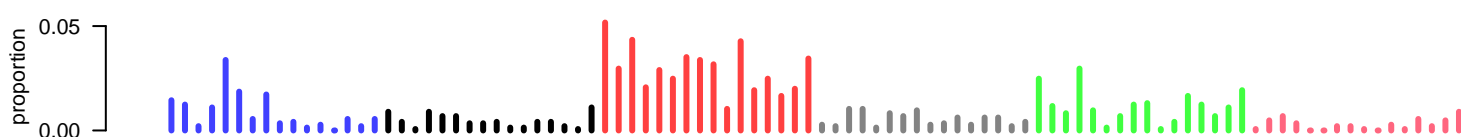
sample_87



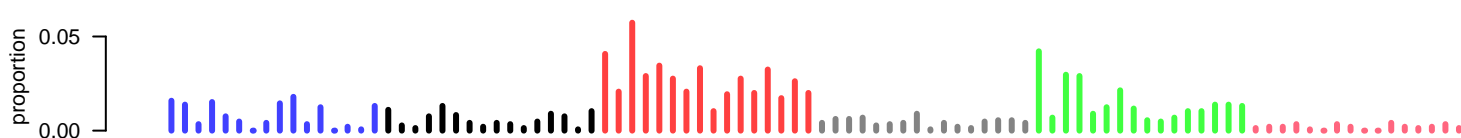
sample_578



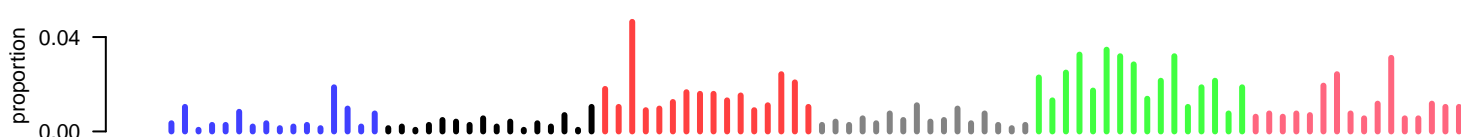
sample_375



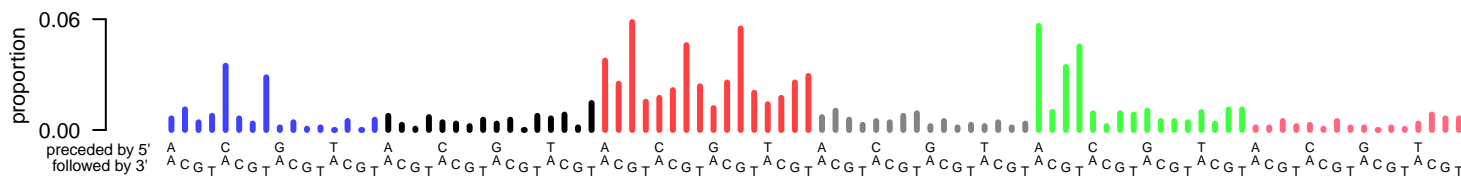
sample_911



sample_476



sample_53



sample_732



sample_897



sample_221



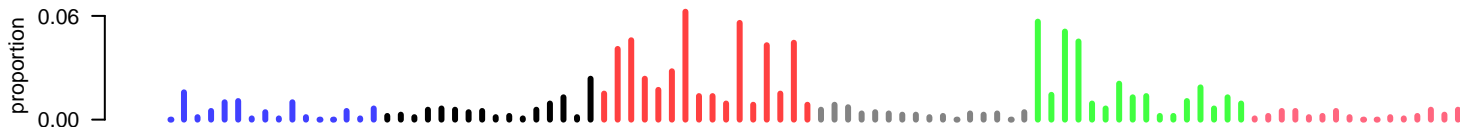
sample_274



sample_313



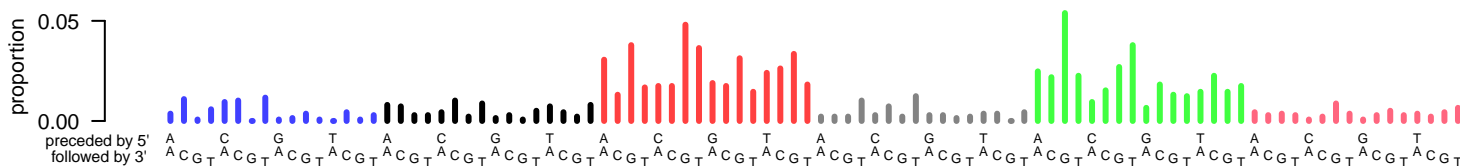
sample_678



sample_303



sample_345



sample_827



sample_114



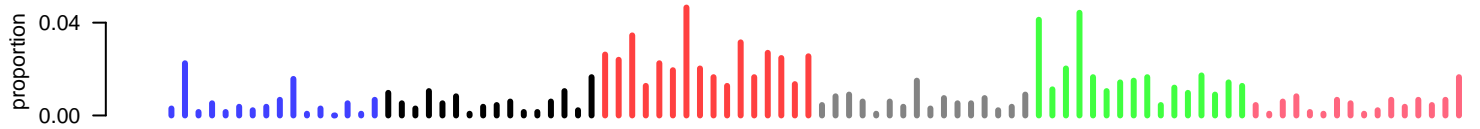
sample_226



sample_420



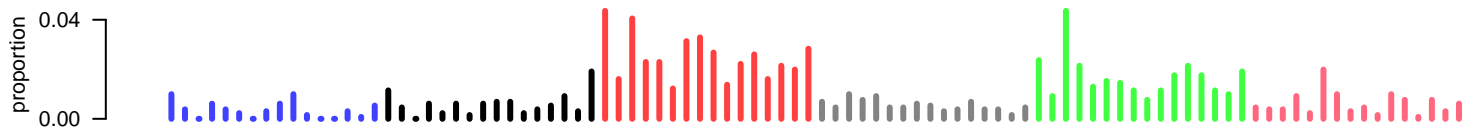
sample_209



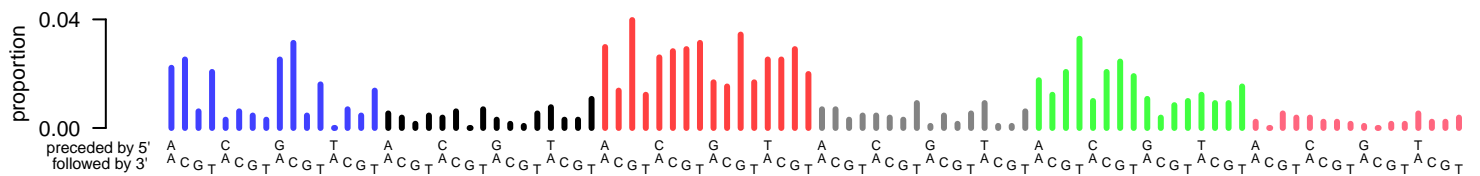
sample_767



sample_758



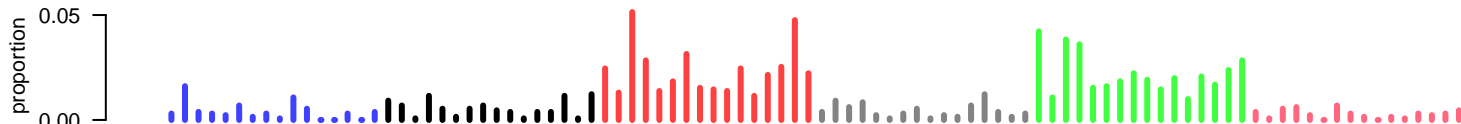
sample_892



sample_721



sample_861



sample_304



sample_492



sample_887



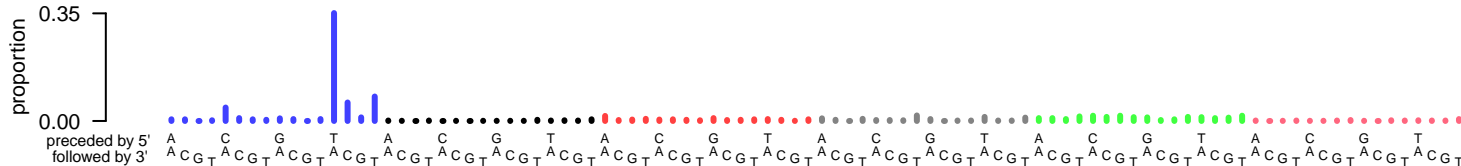
sample_336



sample_32



sample_916



sample_271



sample_934



sample_406



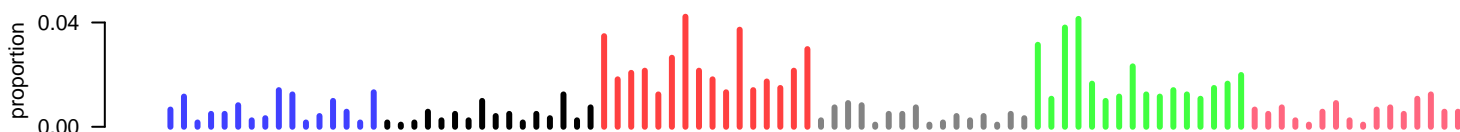
sample_98



sample_118



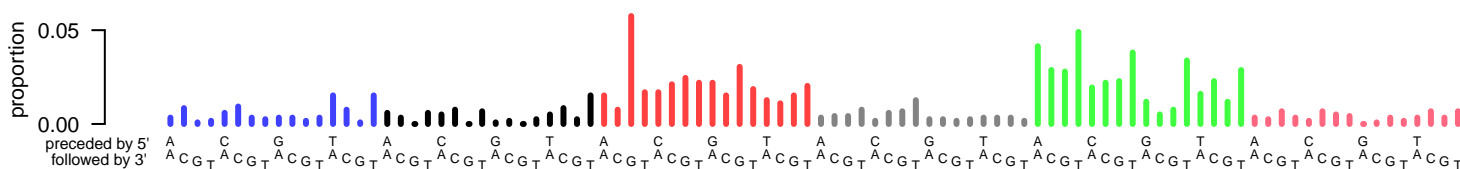
sample_306

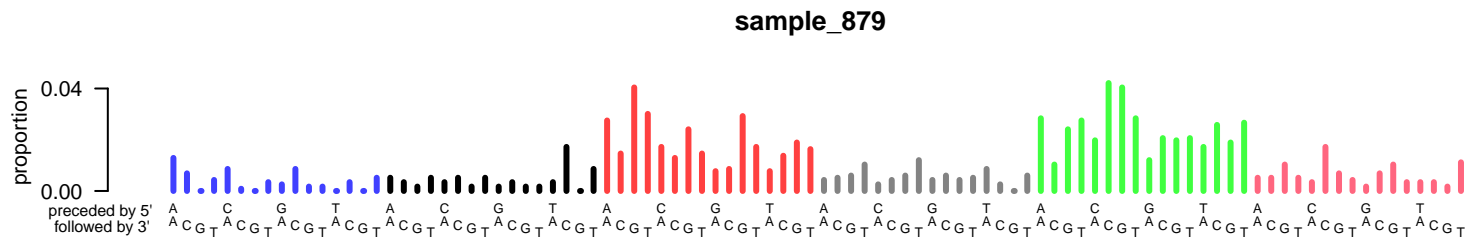
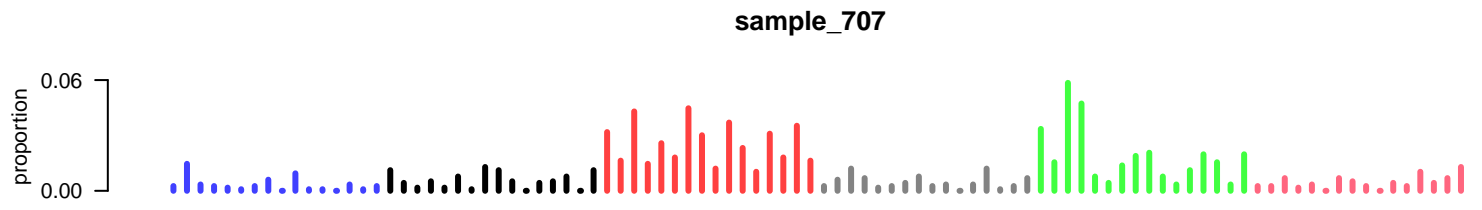
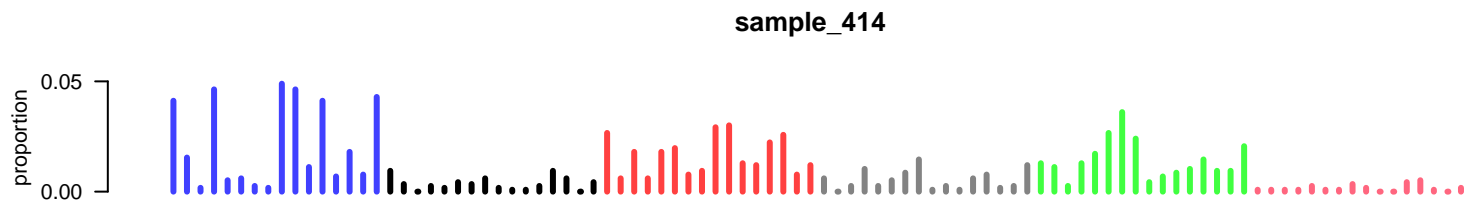
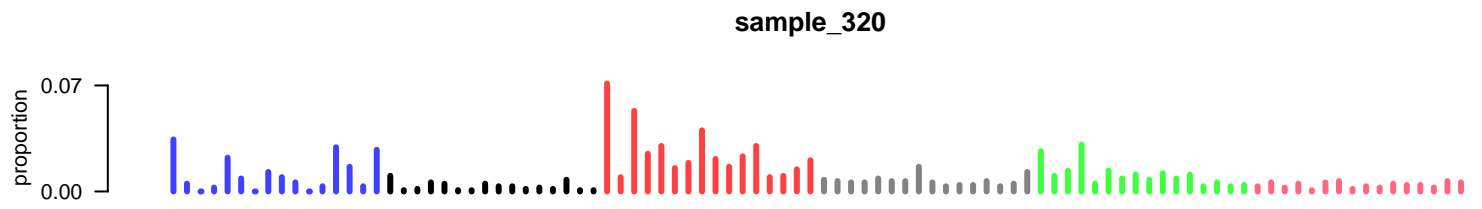
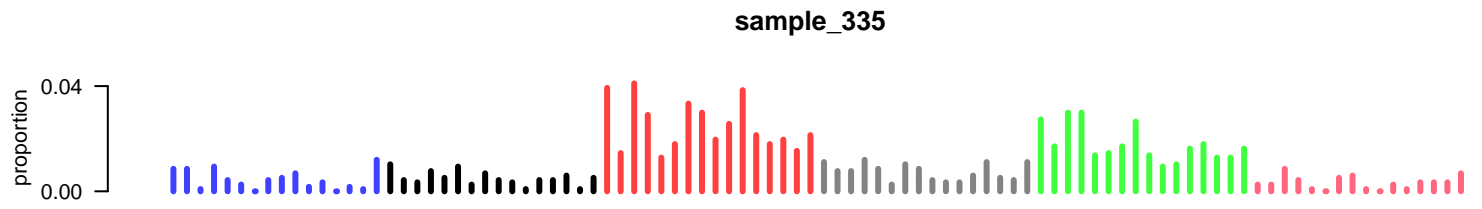
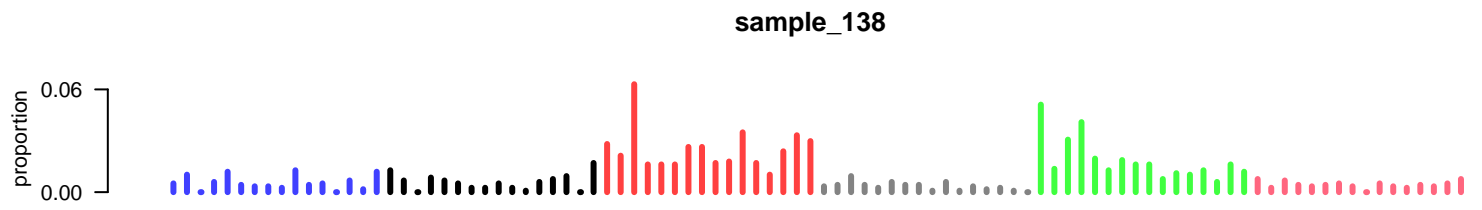
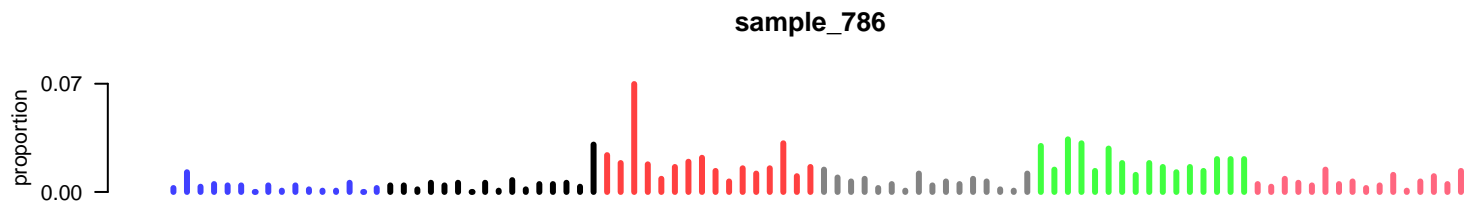
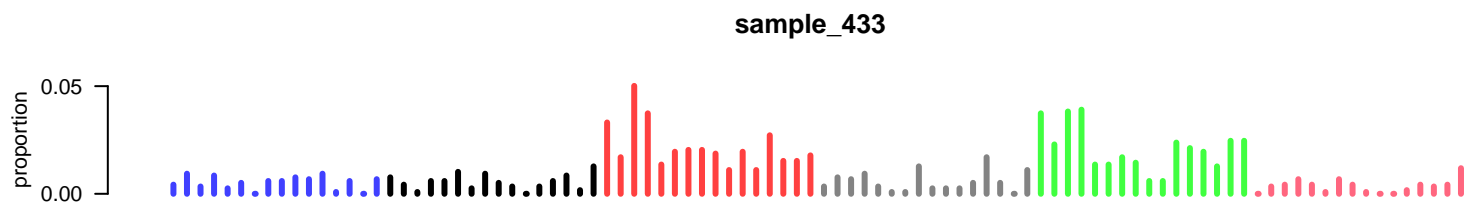


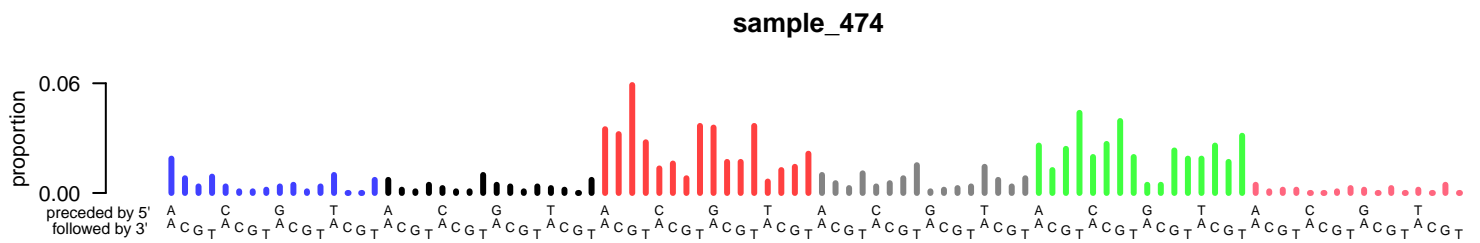
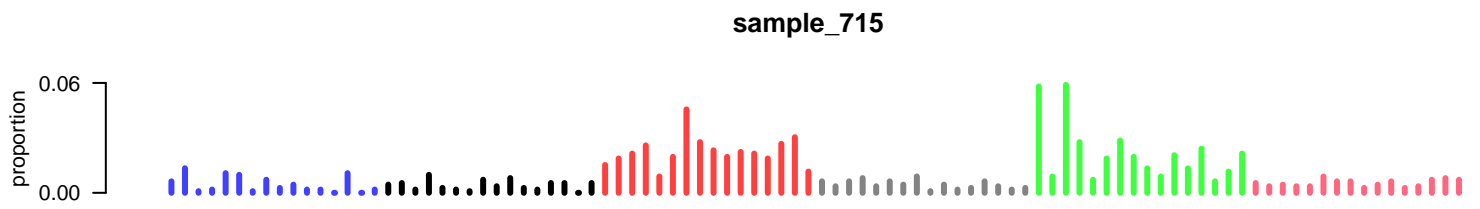
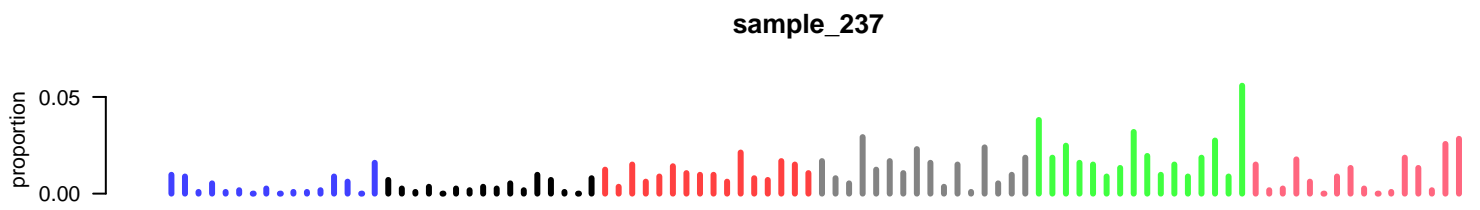
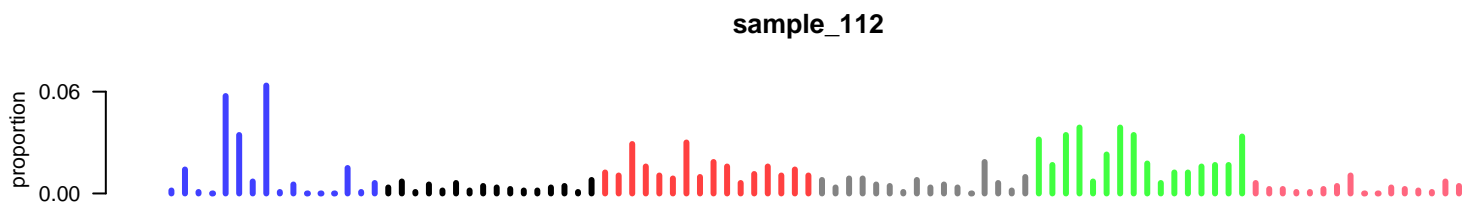
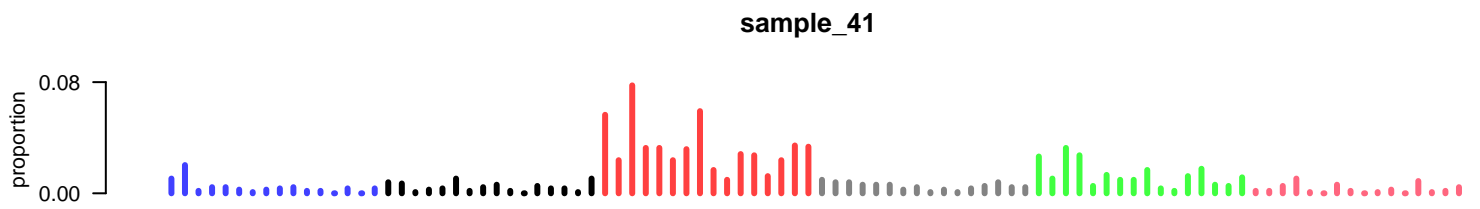
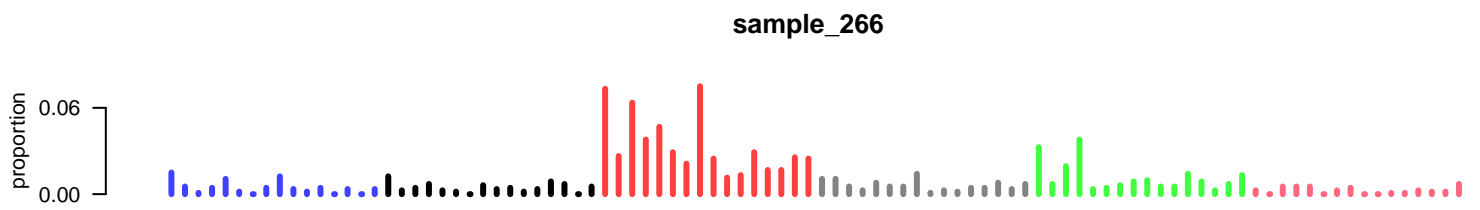
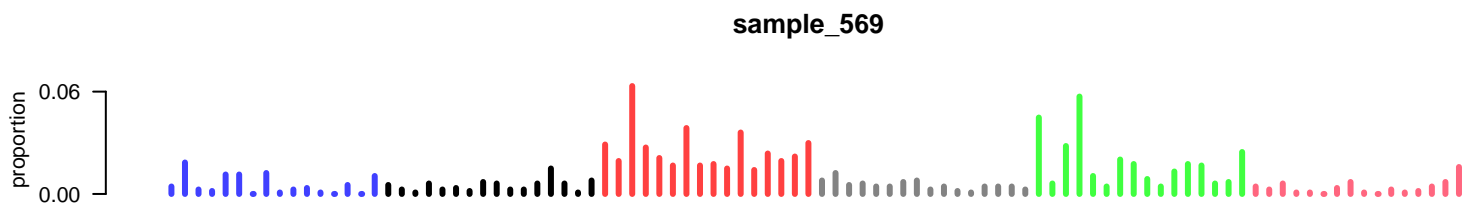
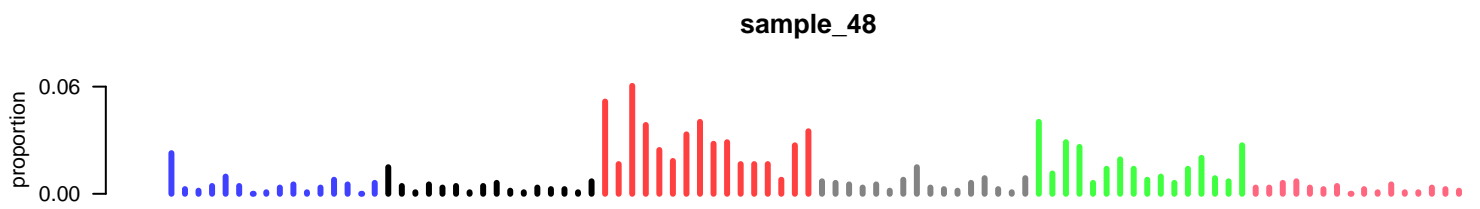
sample_43

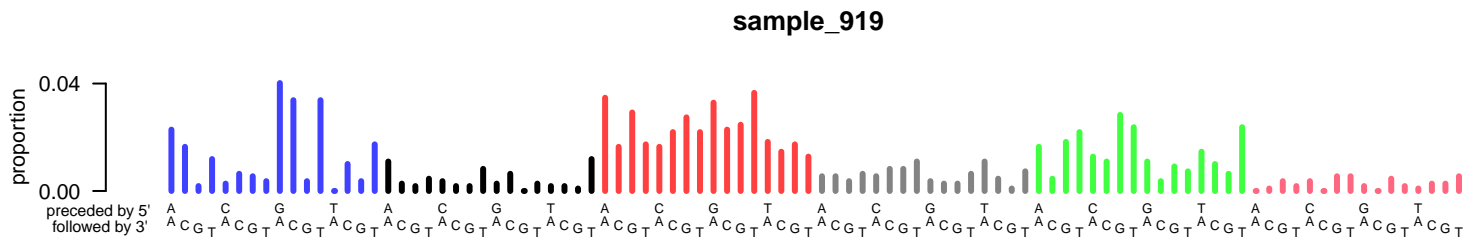
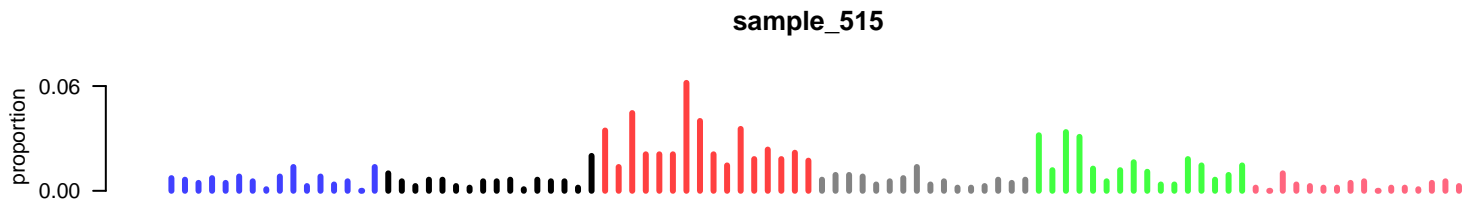
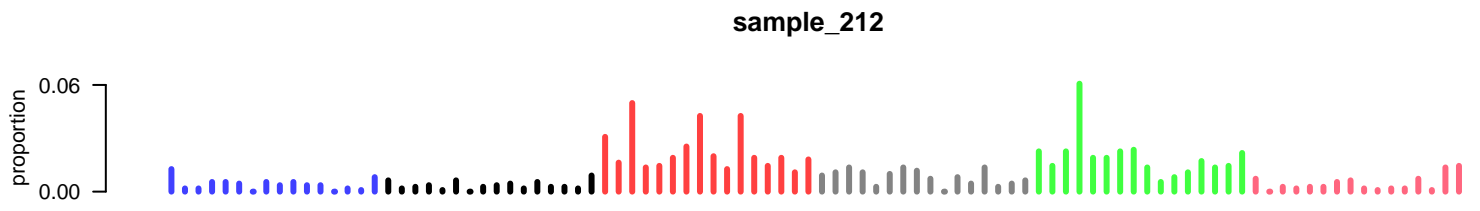
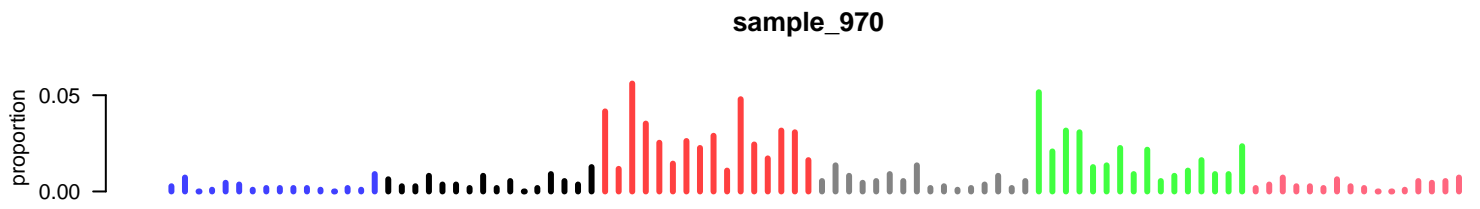
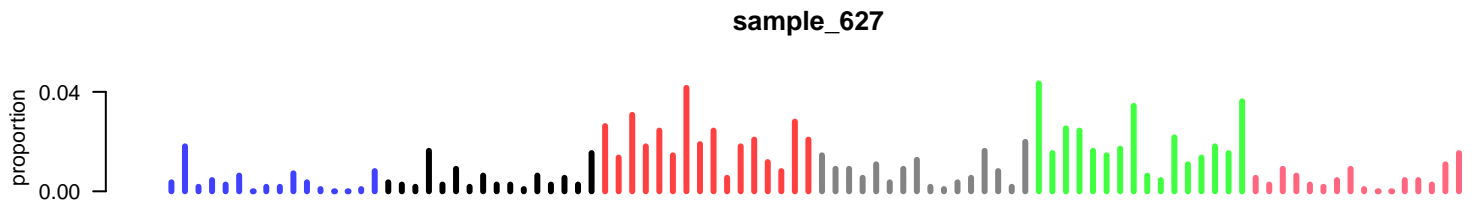
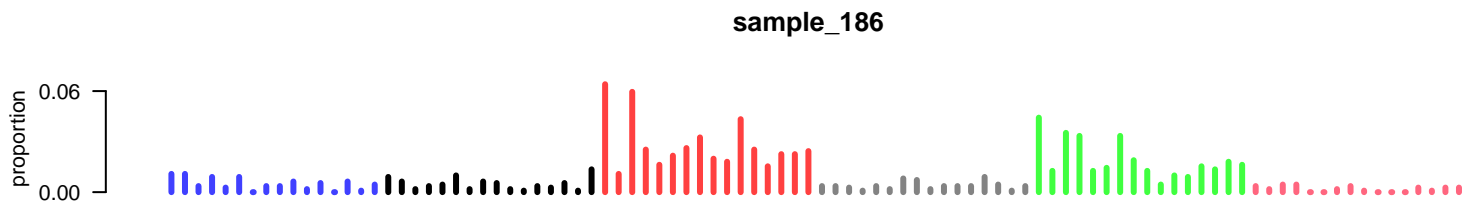
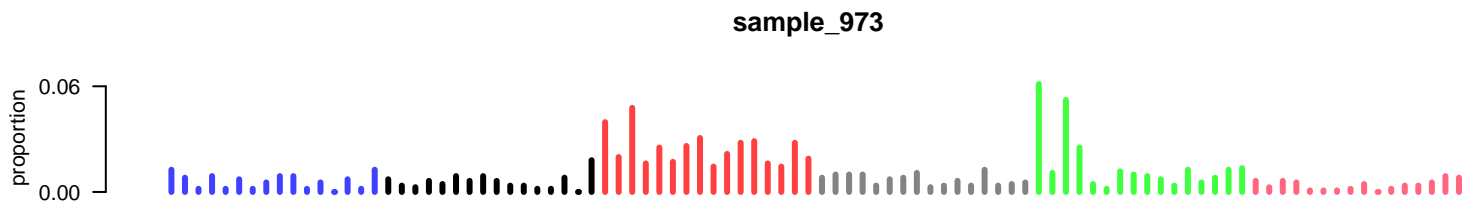
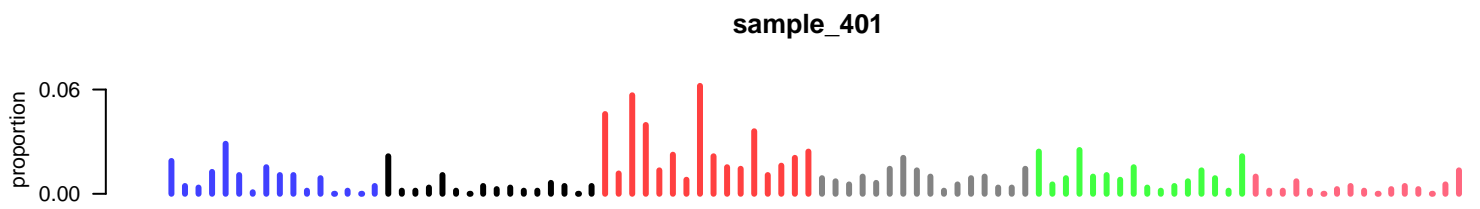


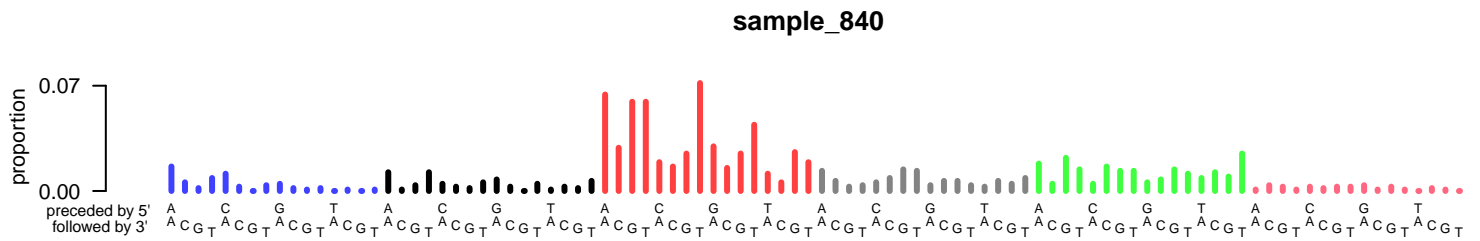
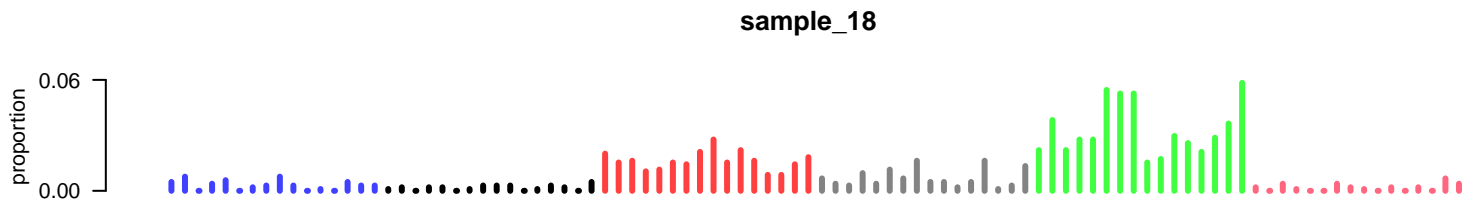
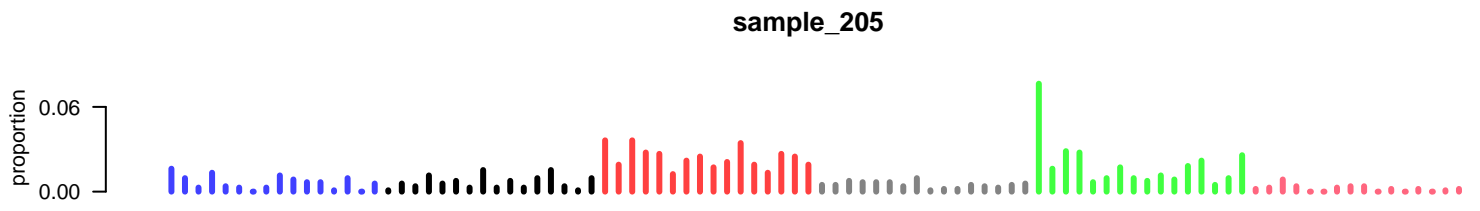
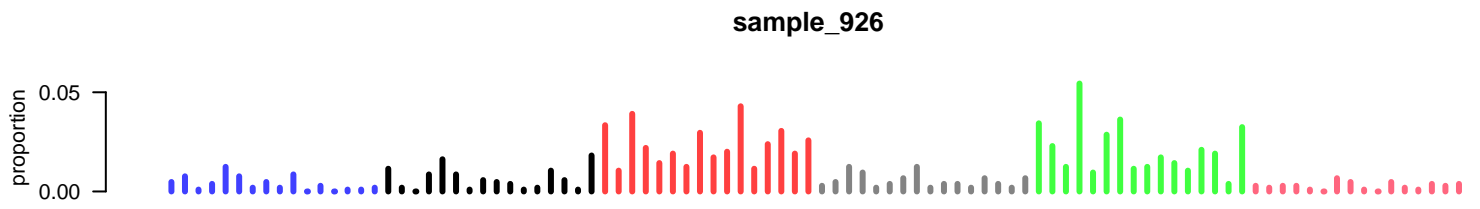
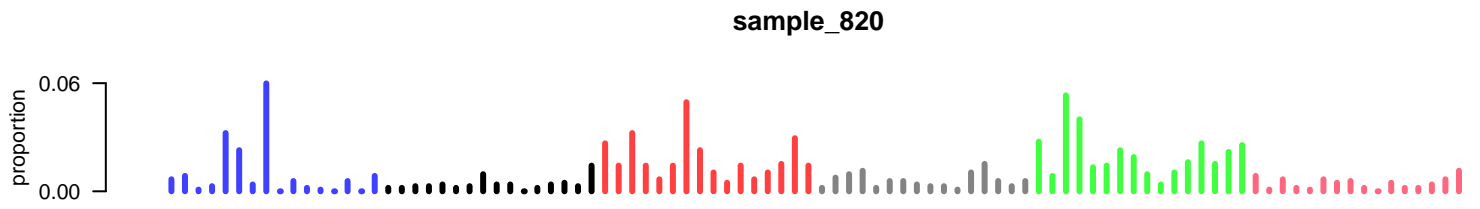
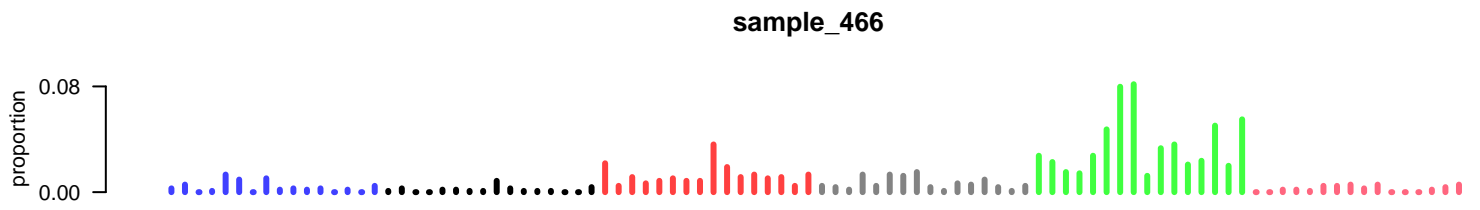
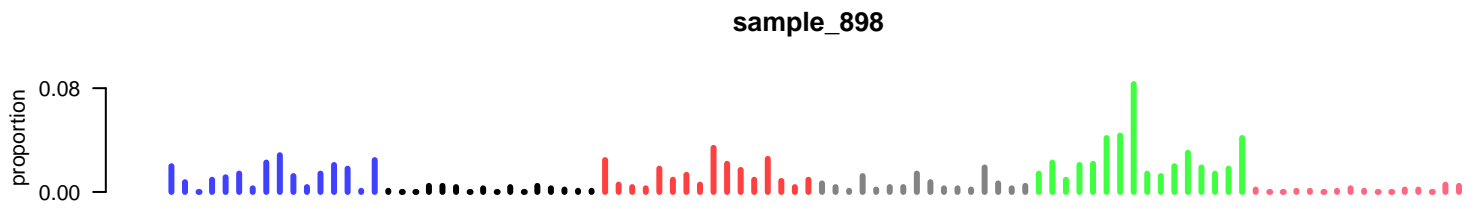
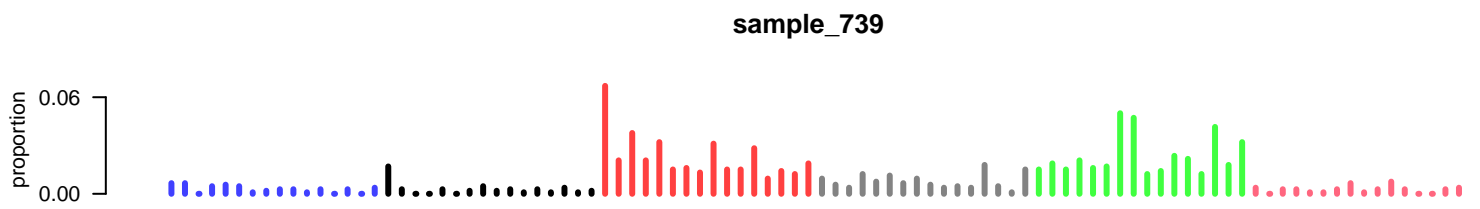
sample_722



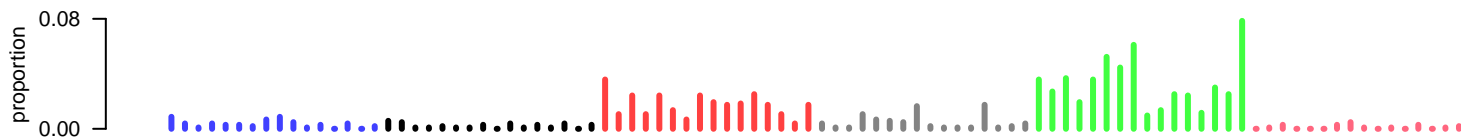




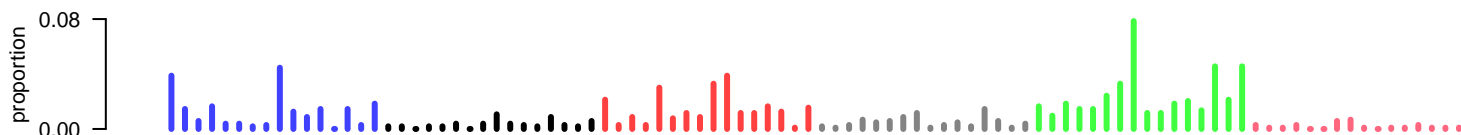




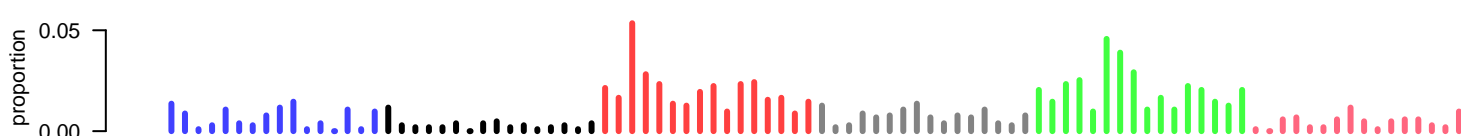
sample_73



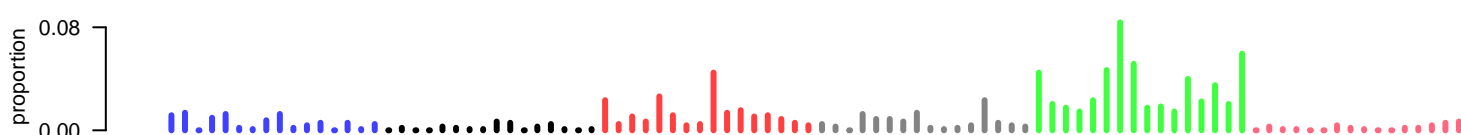
sample_953



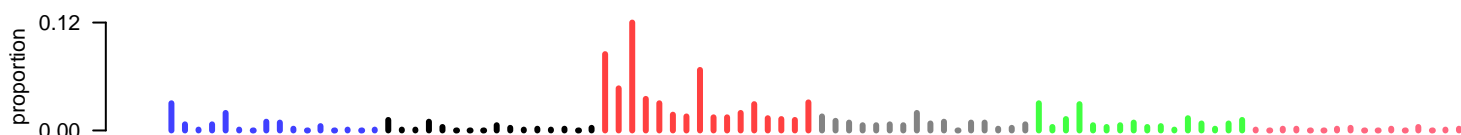
sample_571



sample_927



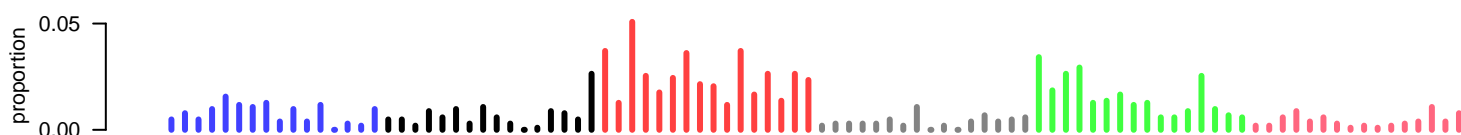
sample_529



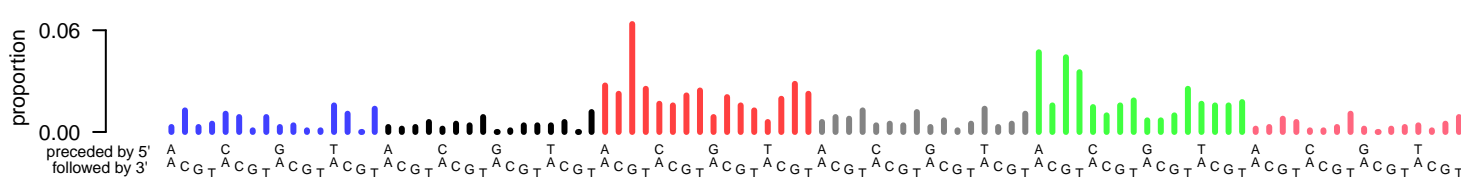
sample_769



sample_814



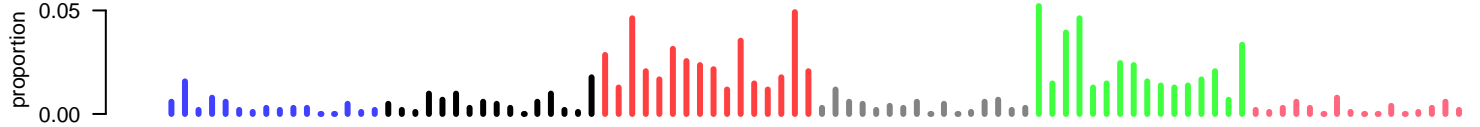
sample_984



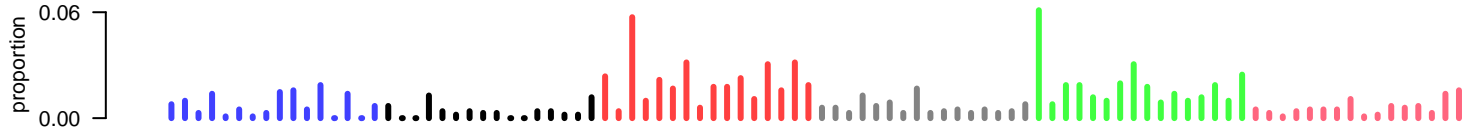
sample_355



sample_488



sample_173



sample_38



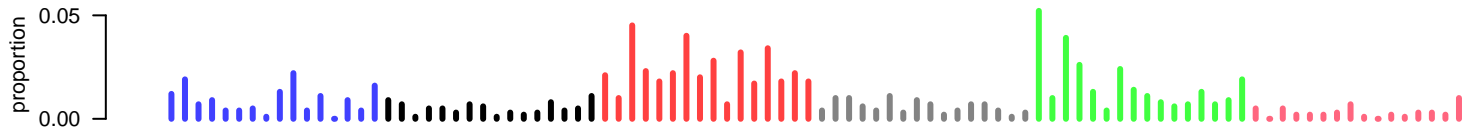
sample_222



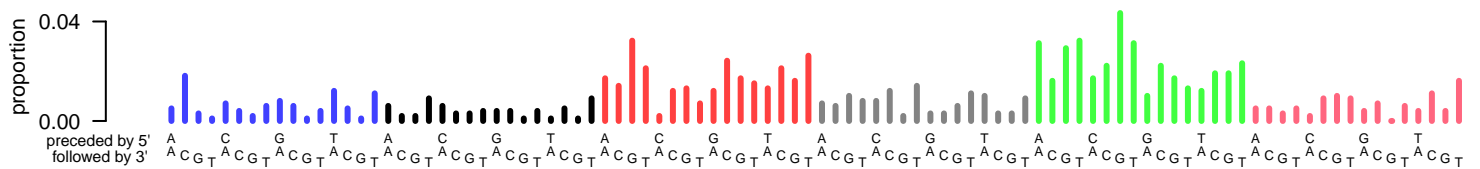
sample_37

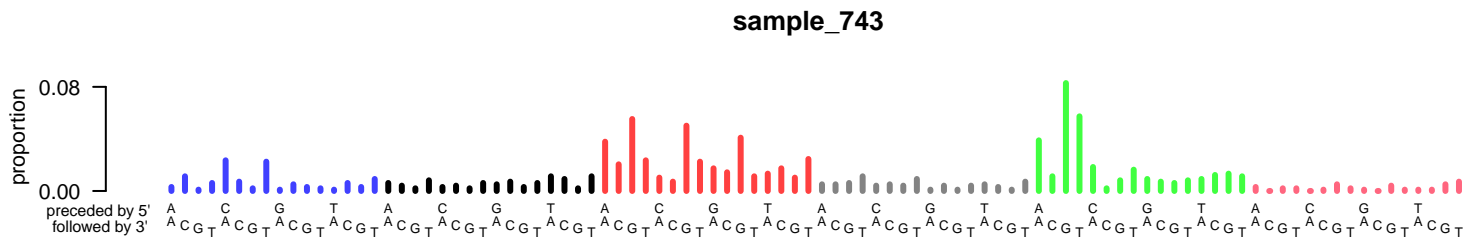
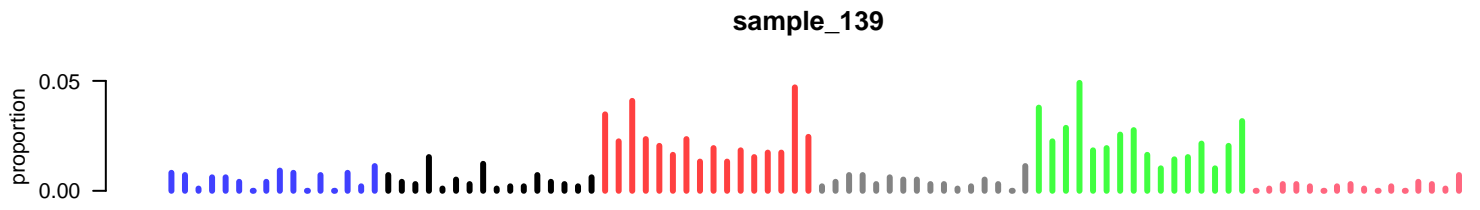
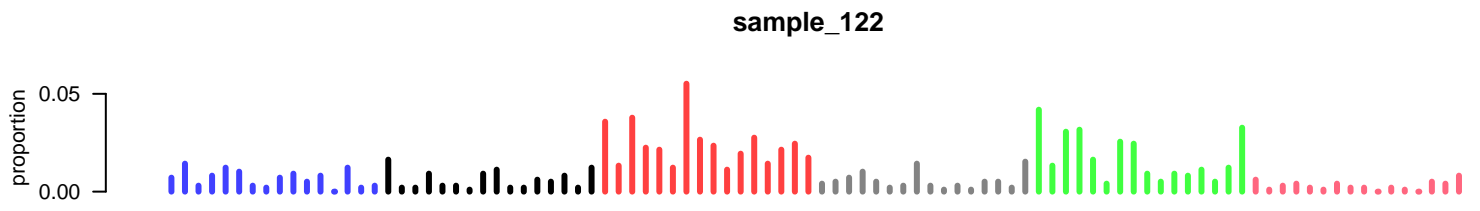
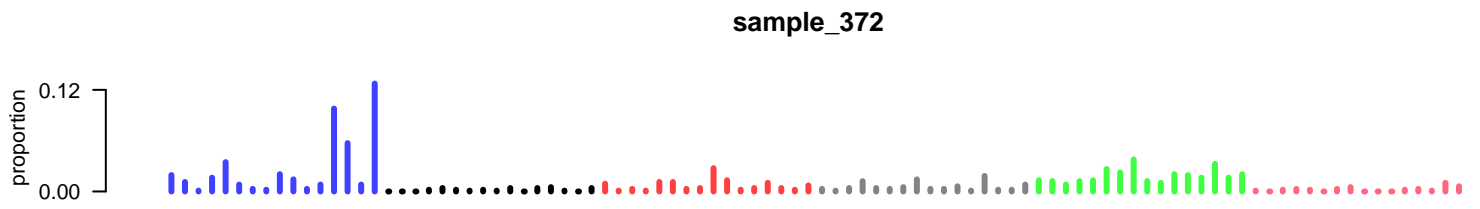
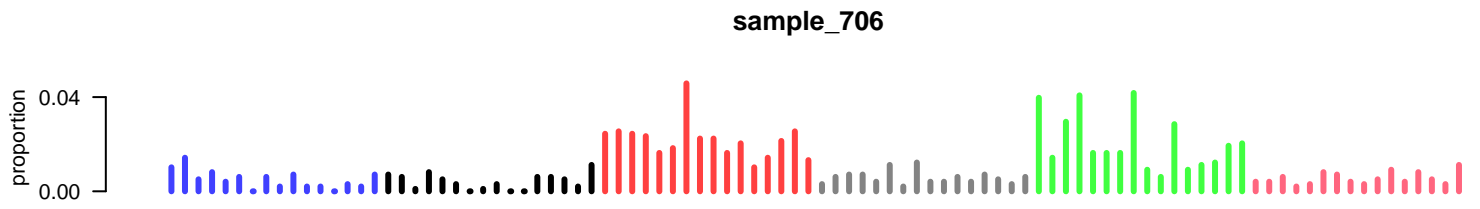
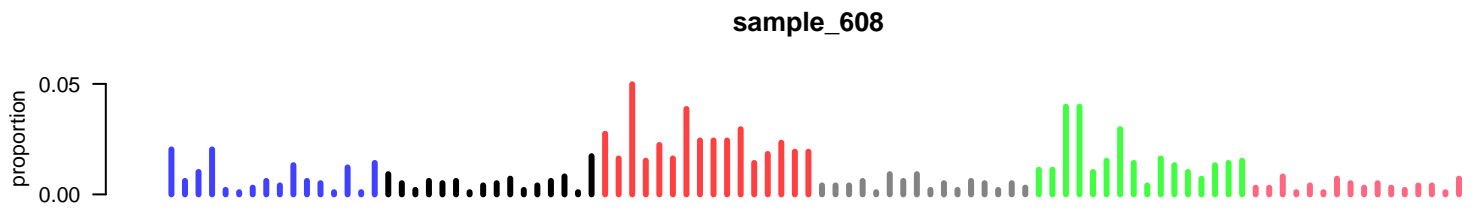
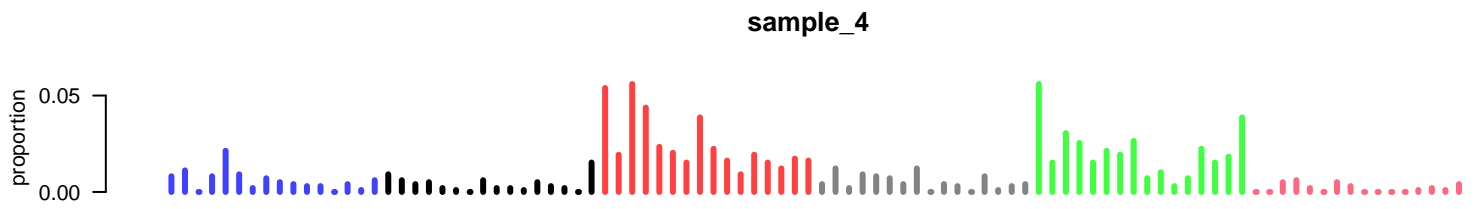
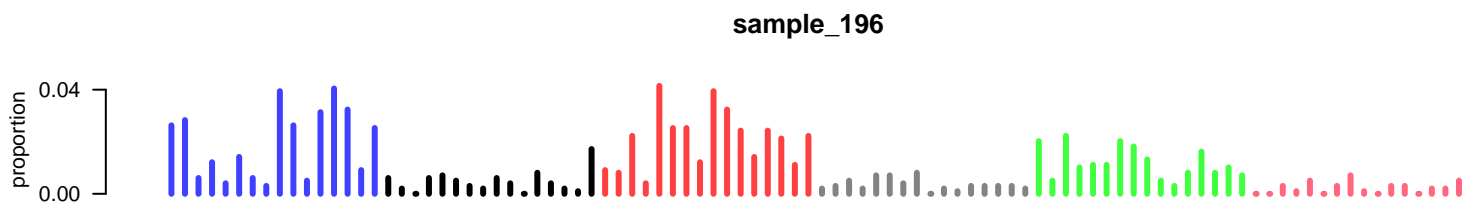


sample_309

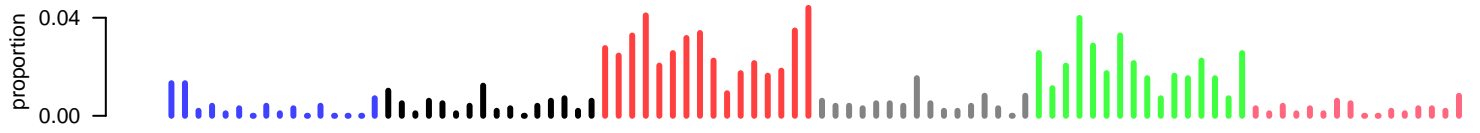


sample_883





sample_857



sample_280



sample_503



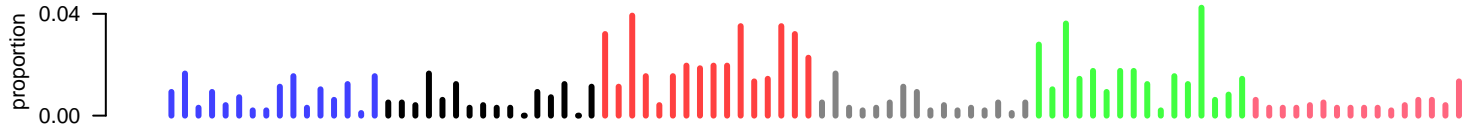
sample_489



sample_389



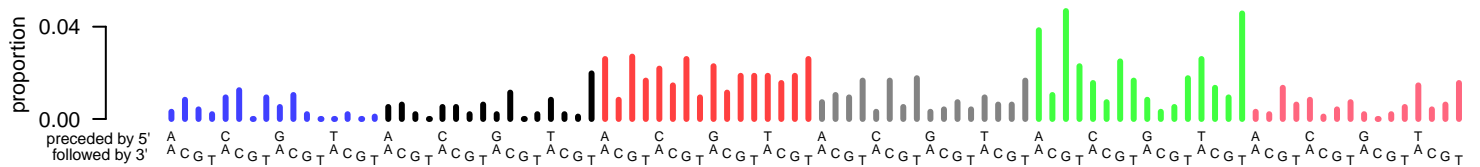
sample_240



sample_997



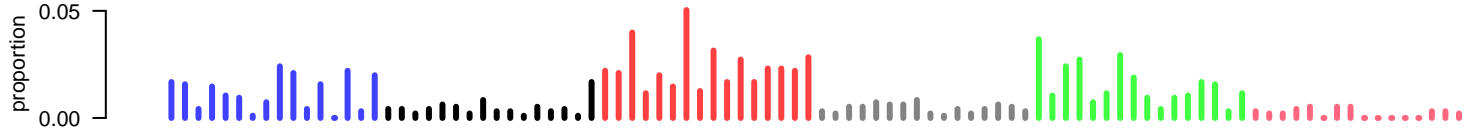
sample_317



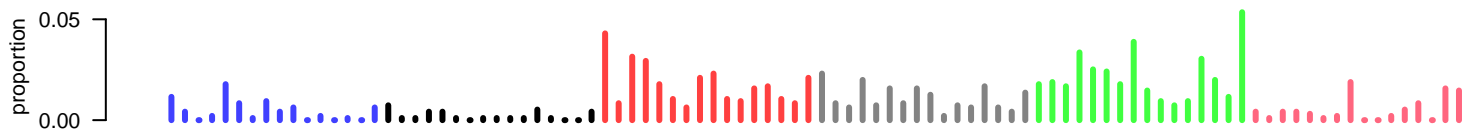
sample_347



sample_153



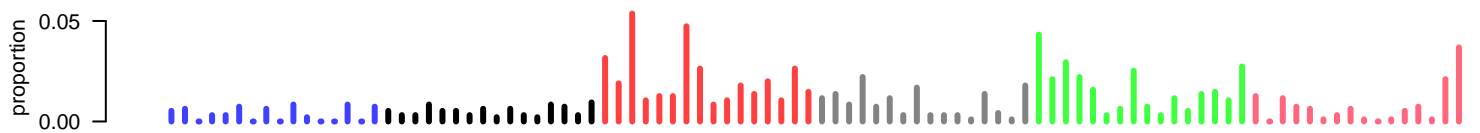
sample_60



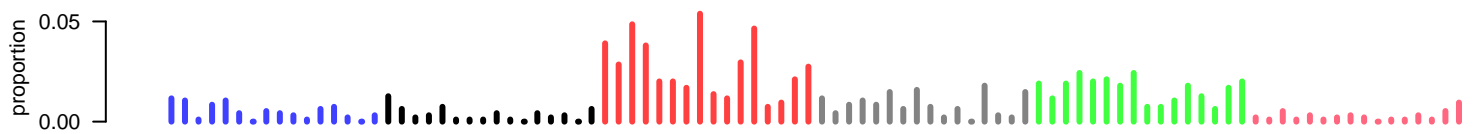
sample_878



sample_534



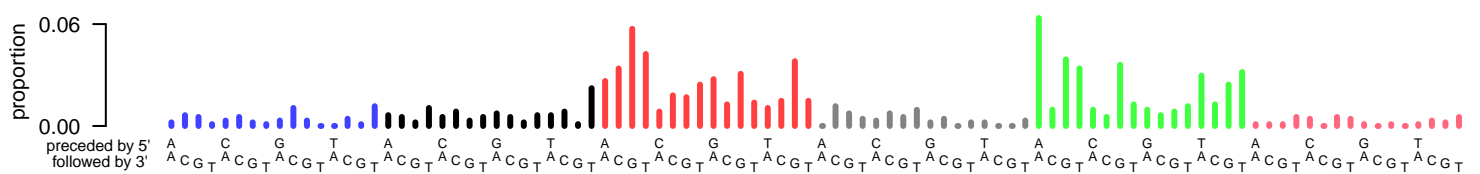
sample_759



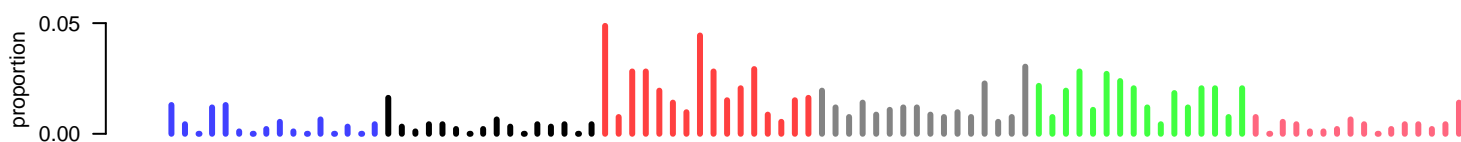
sample_522



sample_83



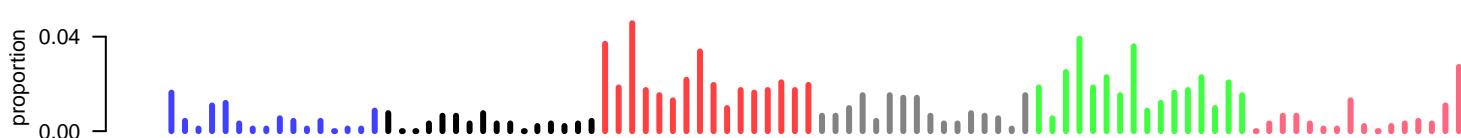
sample_468



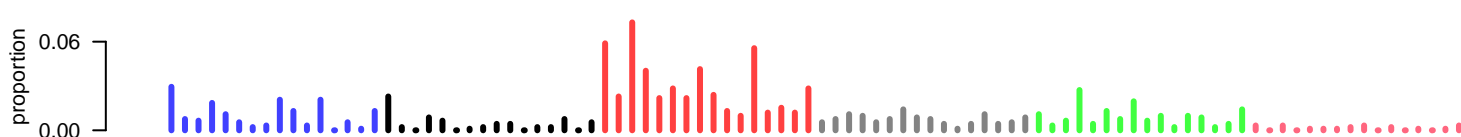
sample_609



sample_555



sample_169



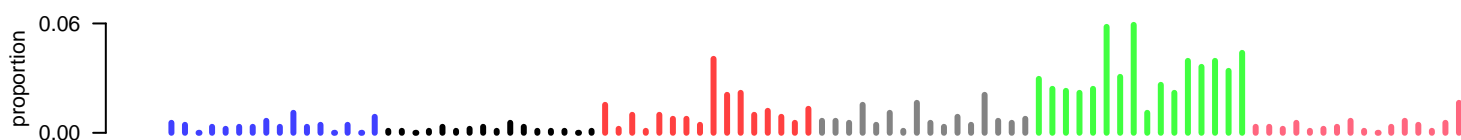
sample_410



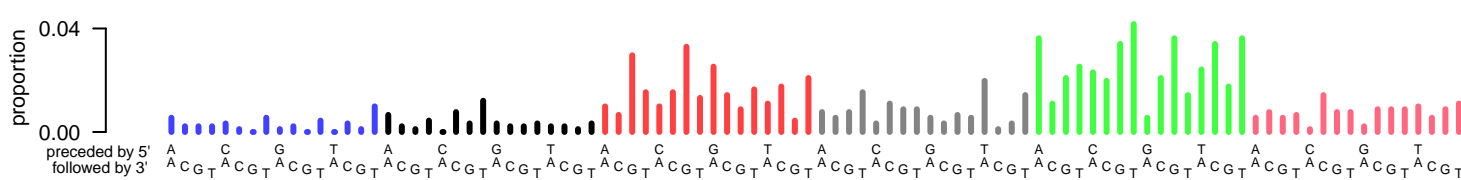
sample_176

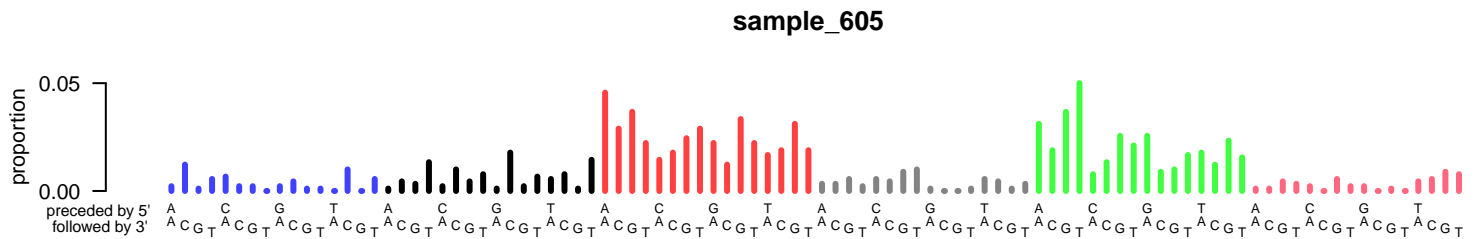
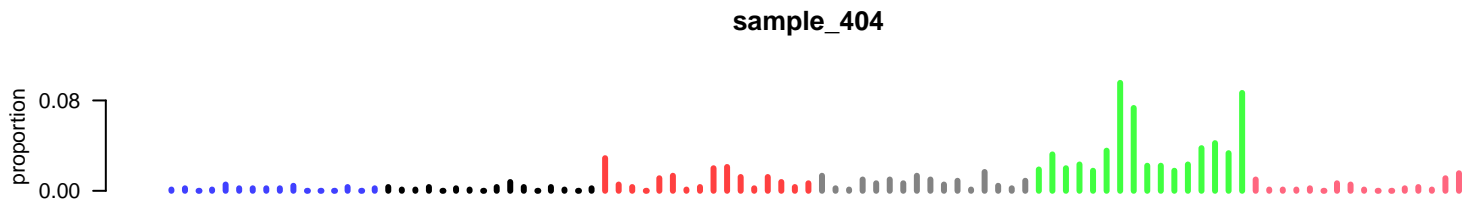
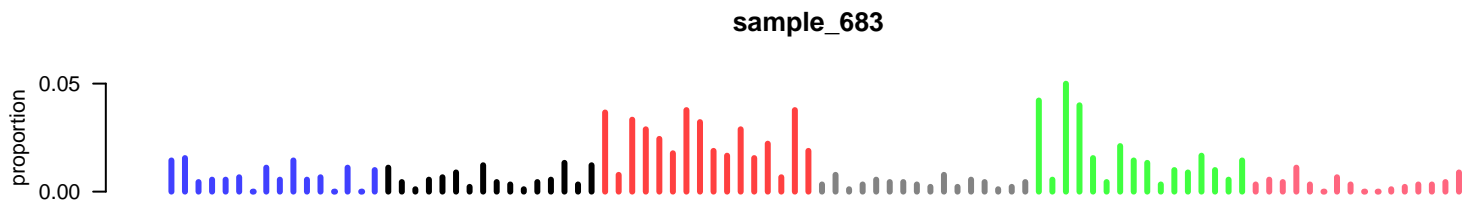
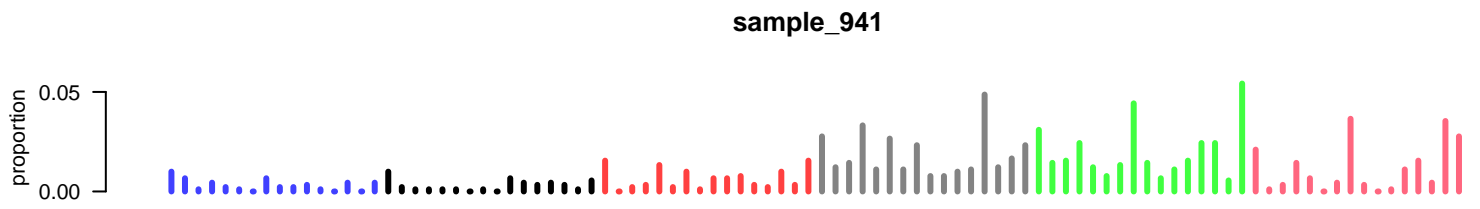
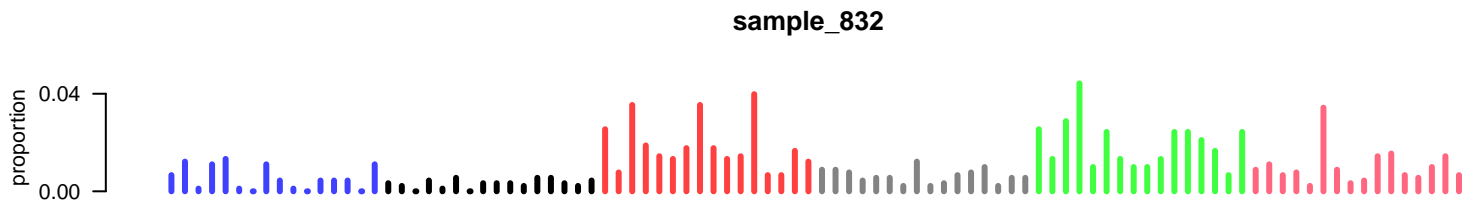
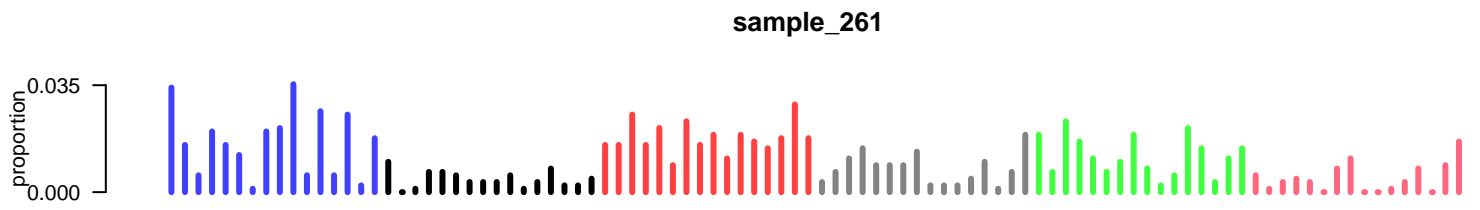
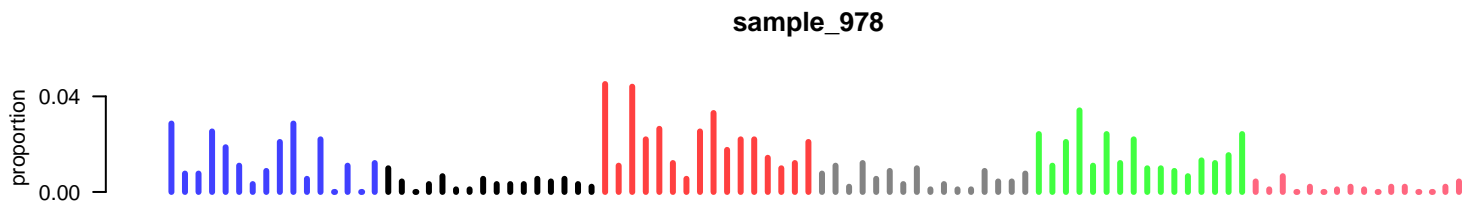
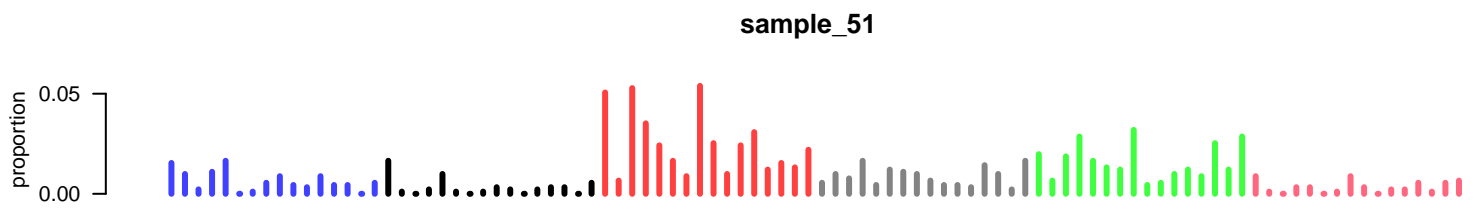


sample_368

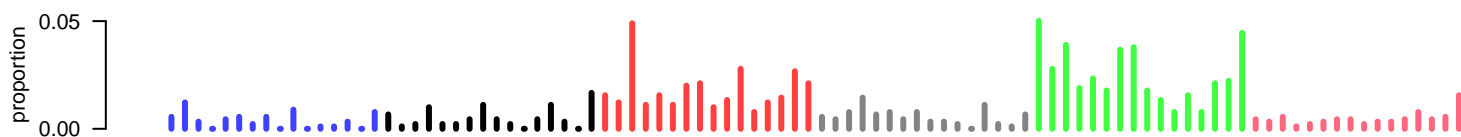


sample_284





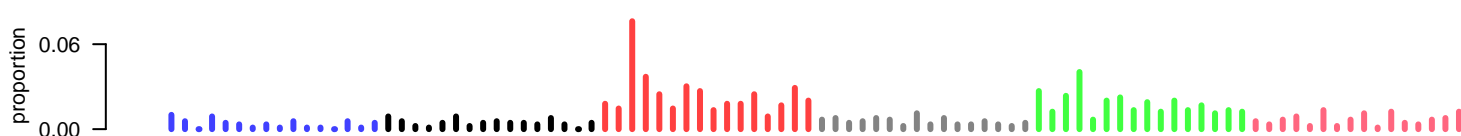
sample_849



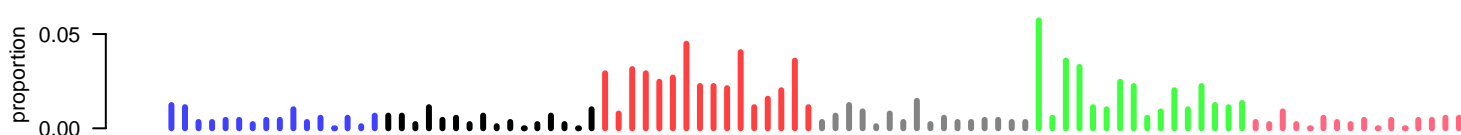
sample_359



sample_145



sample_55



sample_591



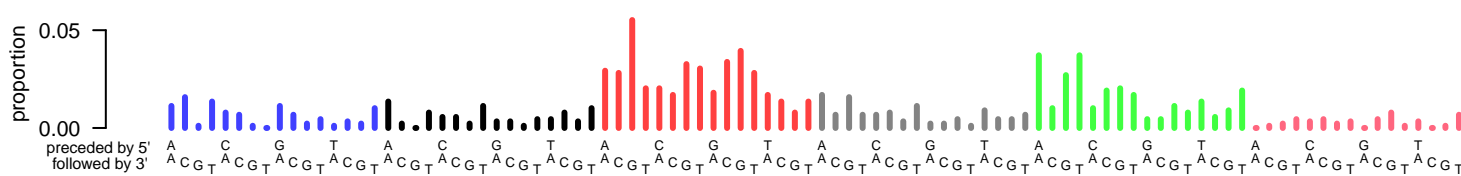
sample_383

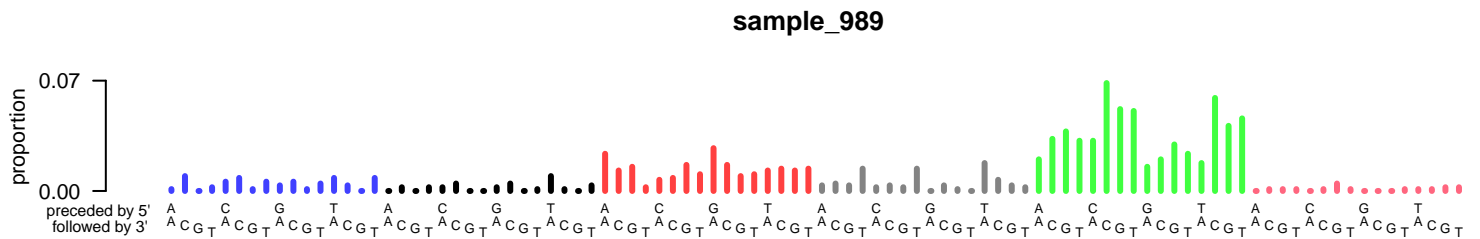
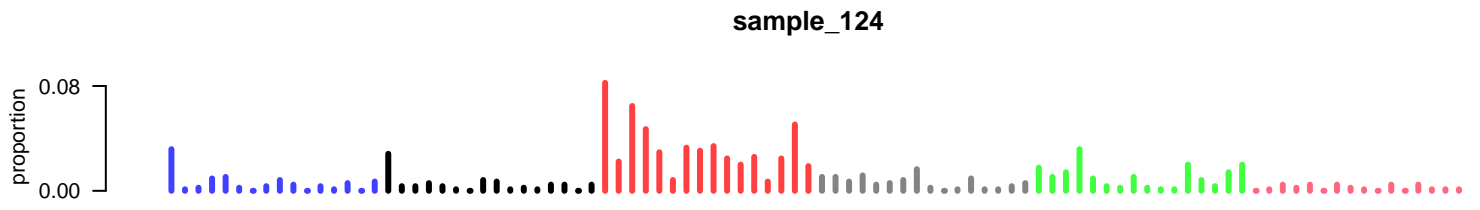
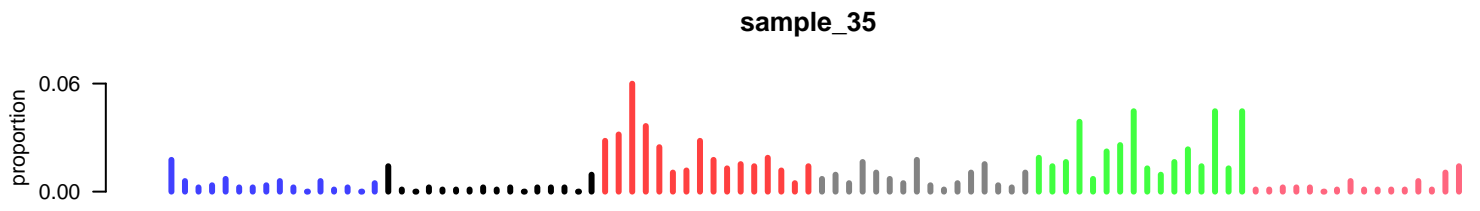
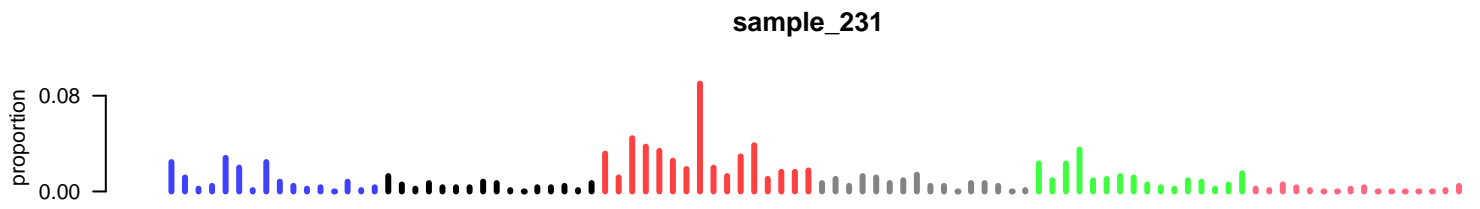
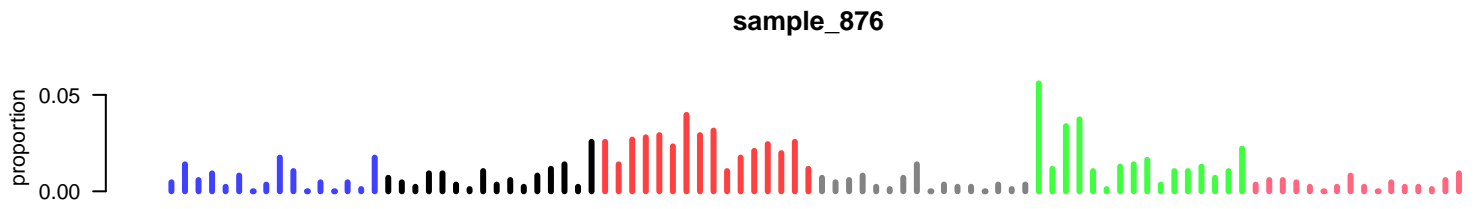
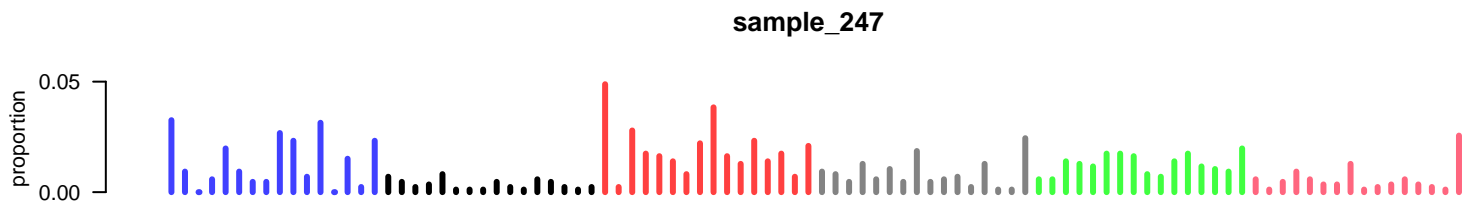
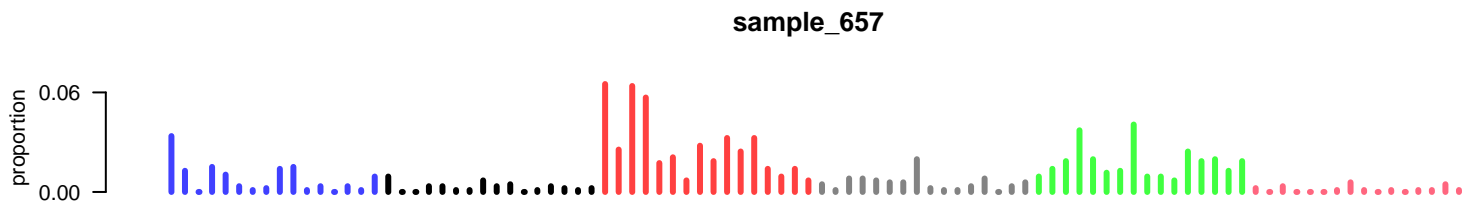
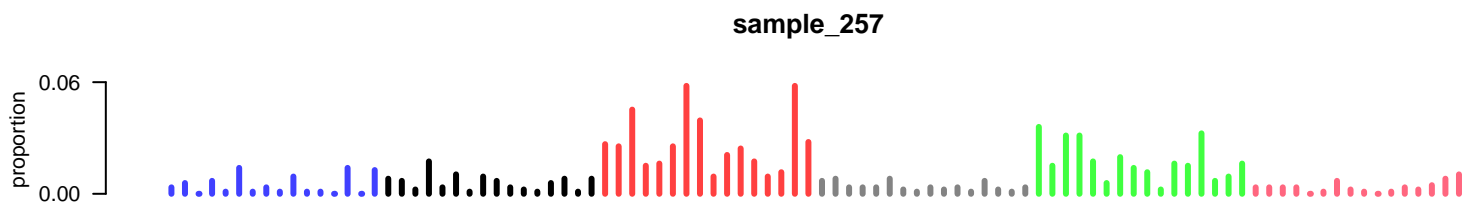


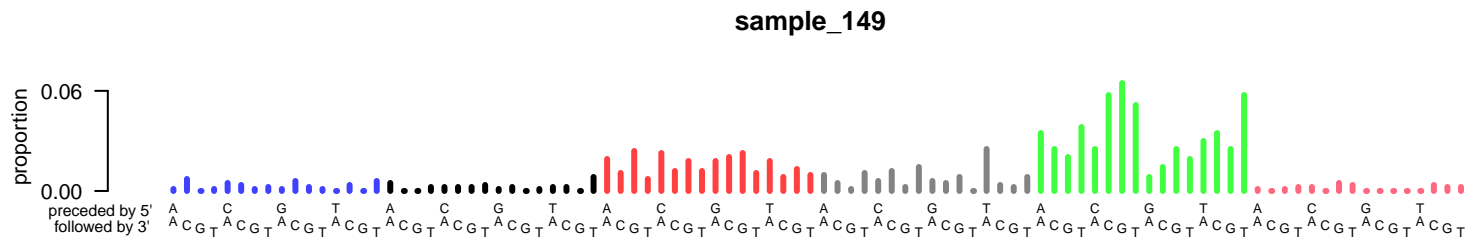
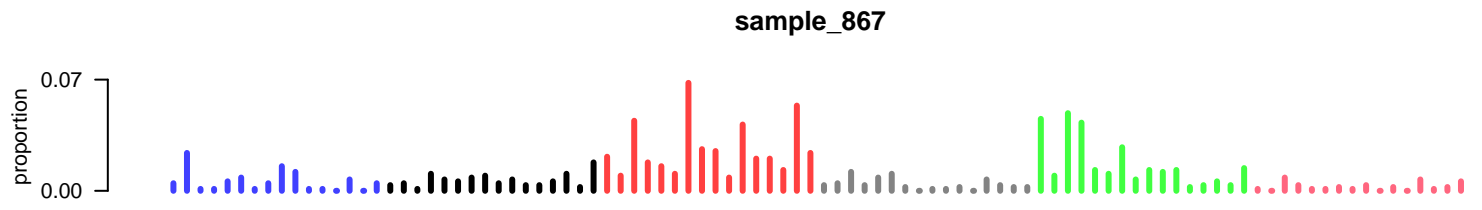
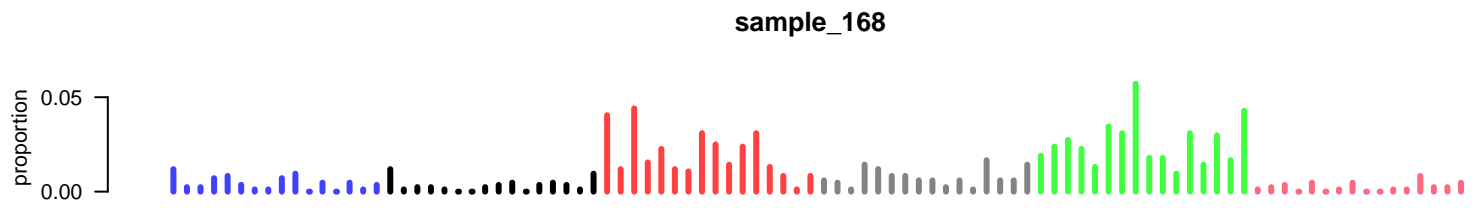
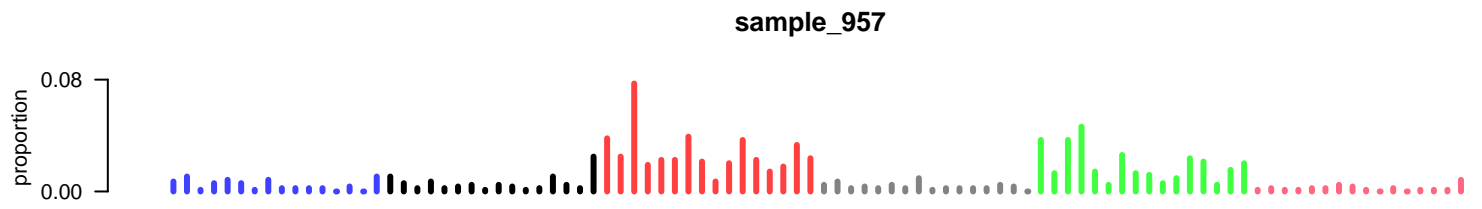
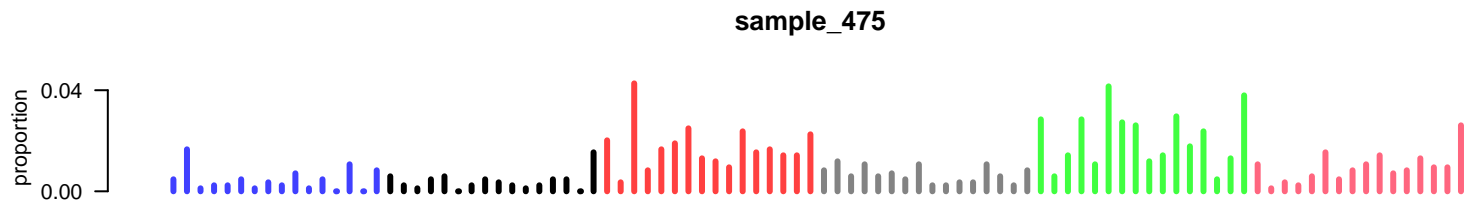
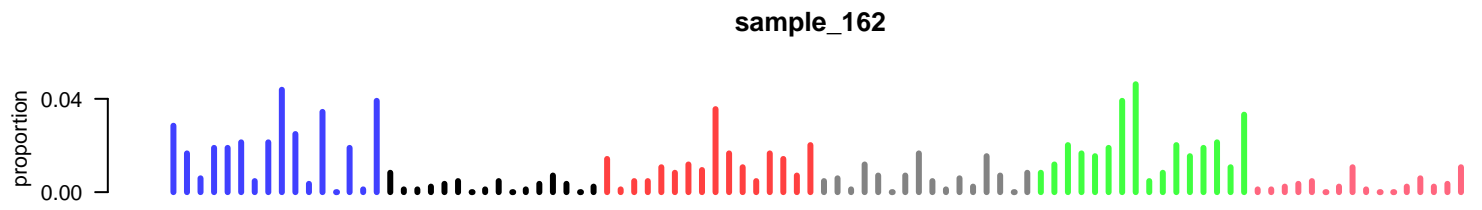
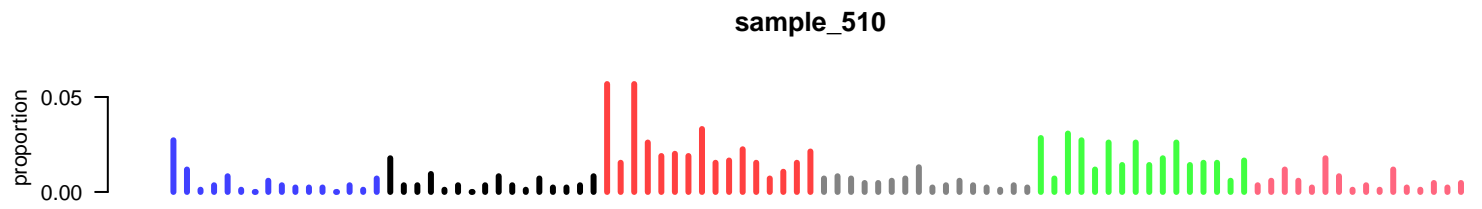
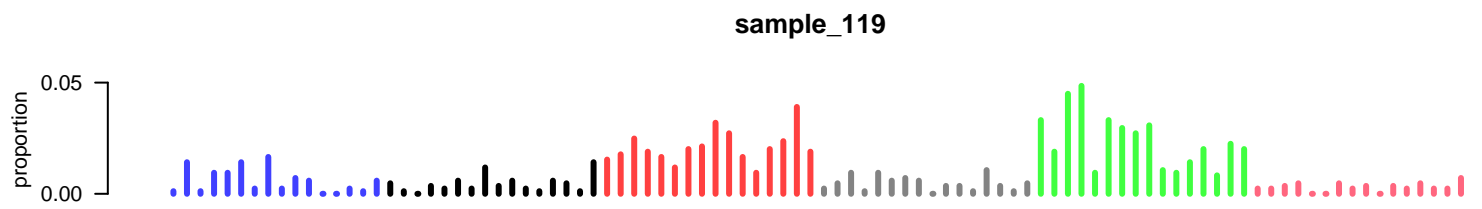
sample_519



sample_47



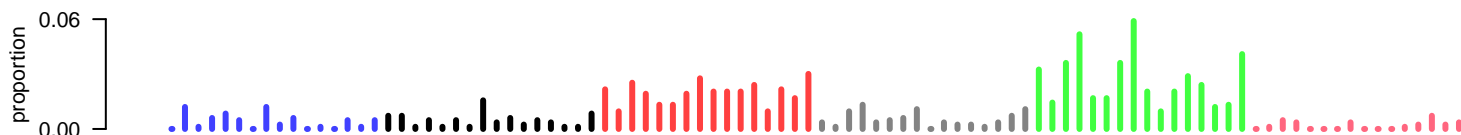




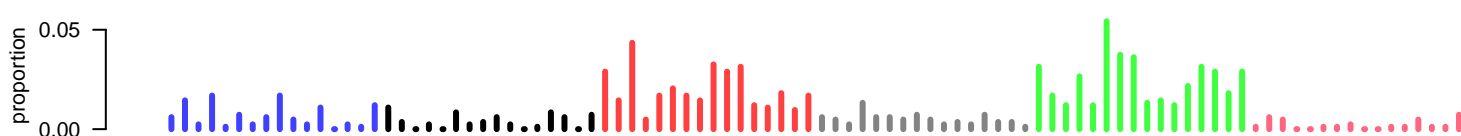
sample_500



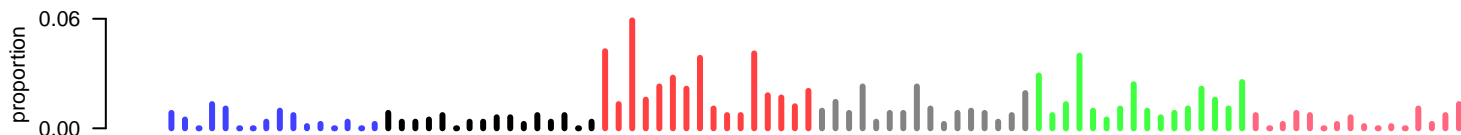
sample_654



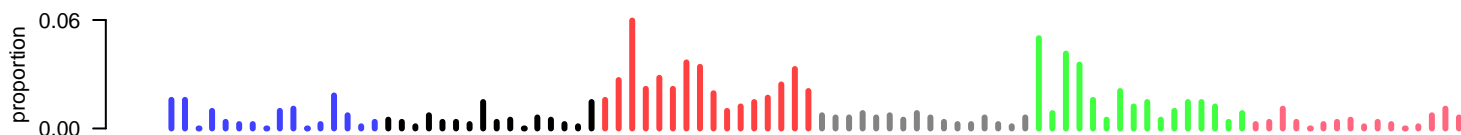
sample_137



sample_761



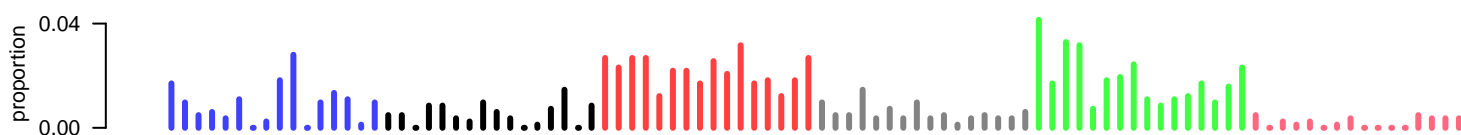
sample_249



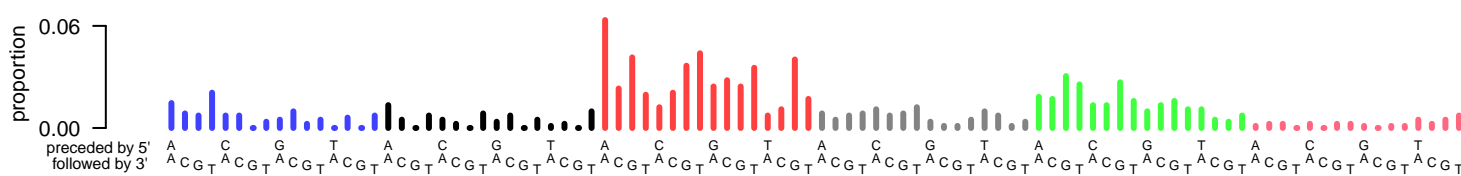
sample_460



sample_68



sample_547



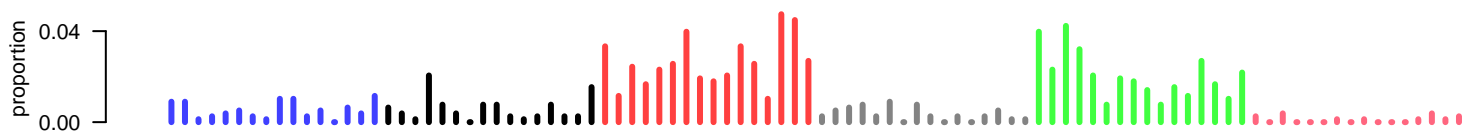
sample_674



sample_676



sample_735



sample_427



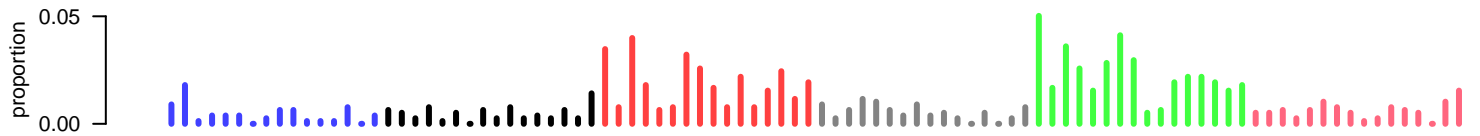
sample_557



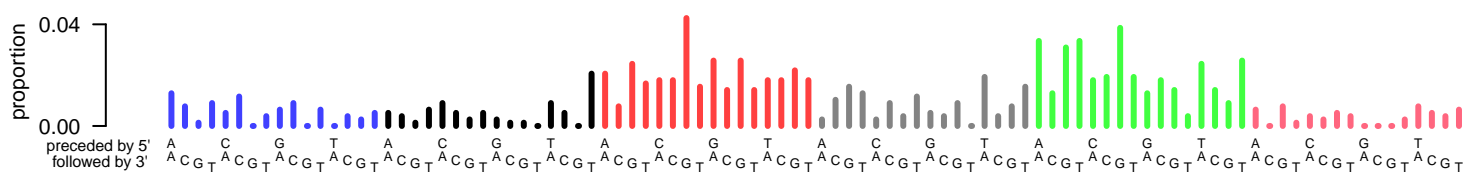
sample_202



sample_486



sample_858



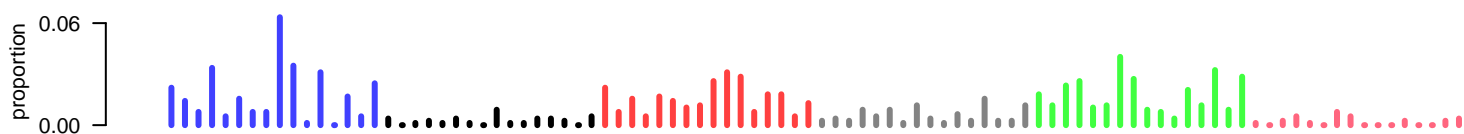
sample_7



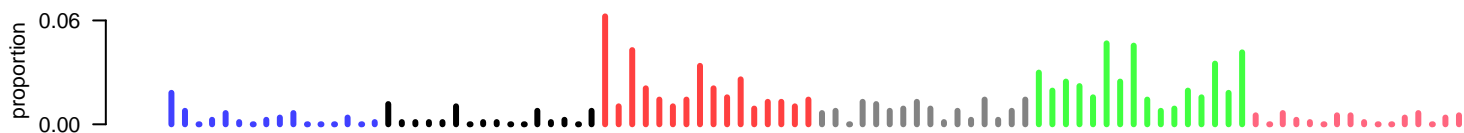
sample_220



sample_956



sample_277



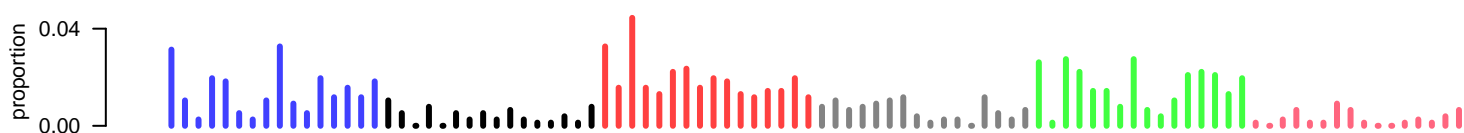
sample_342



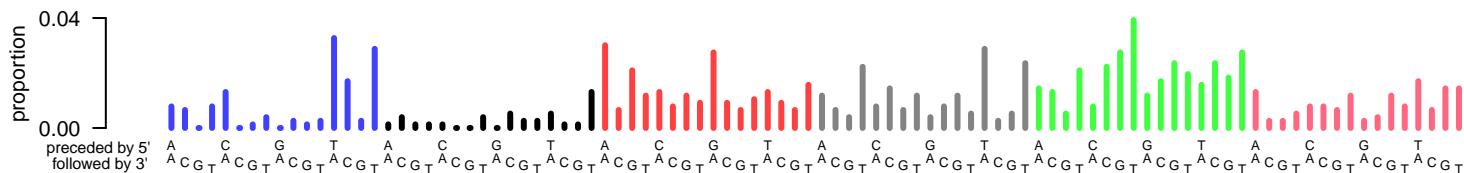
sample_174

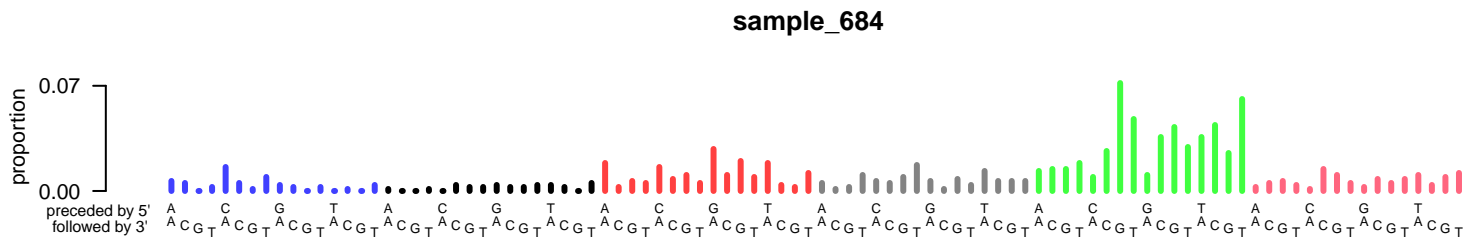
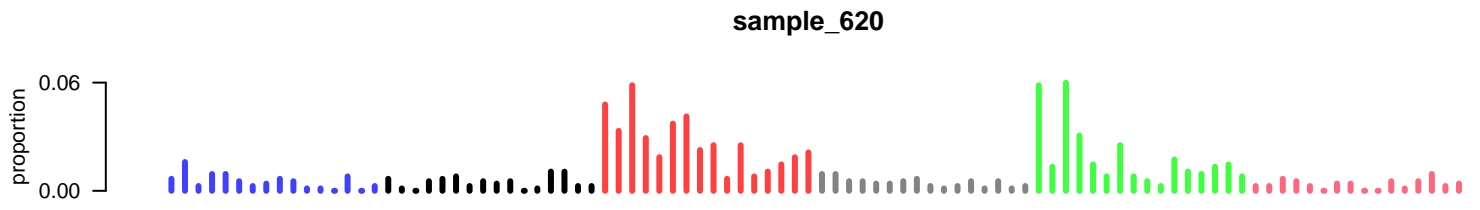
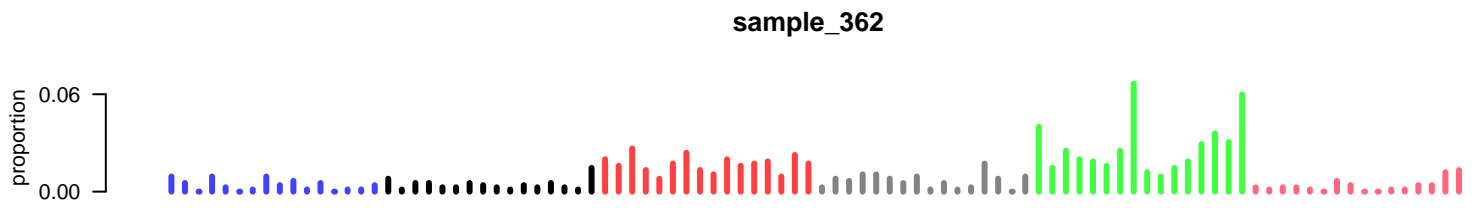
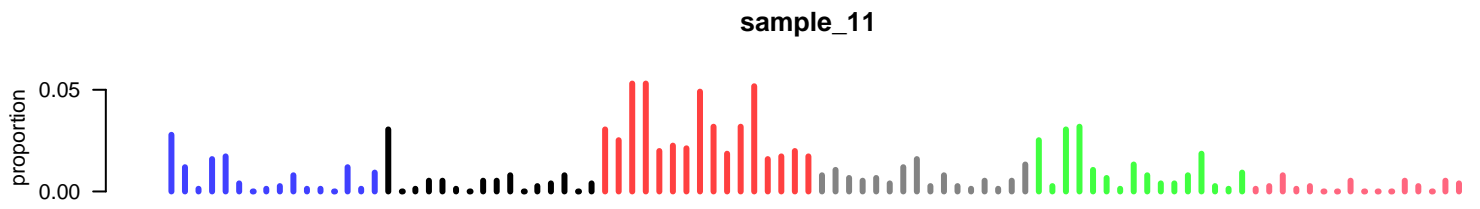
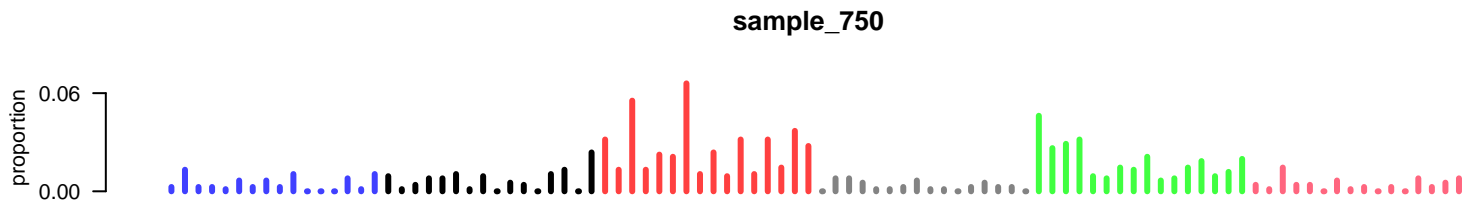
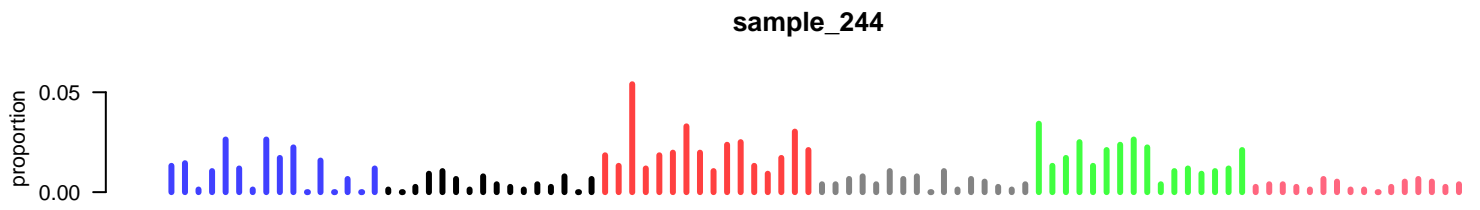
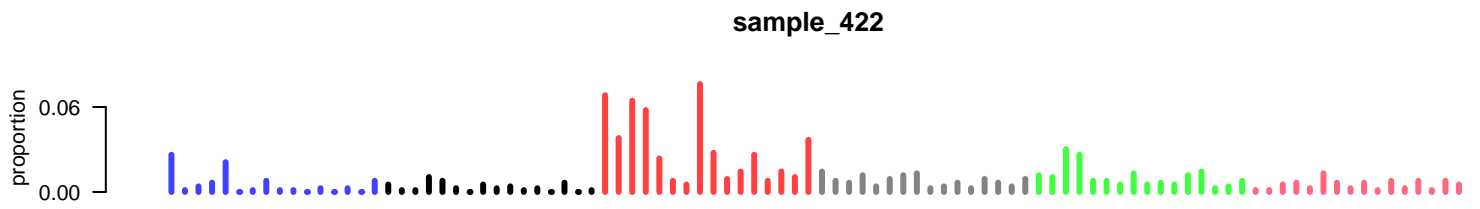
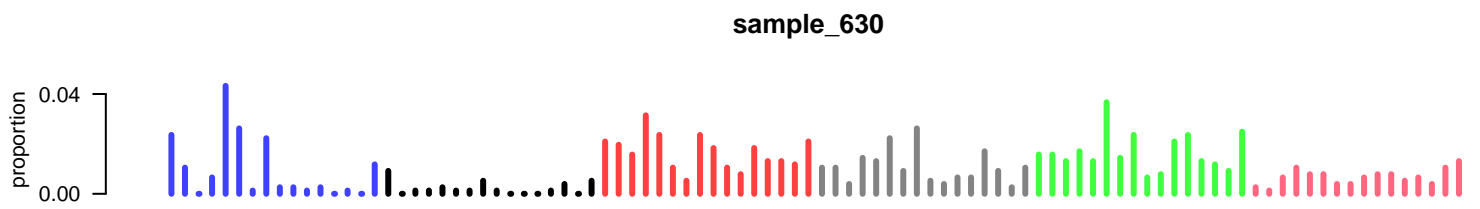


sample_885



sample_842





sample_188



sample_5



sample_482



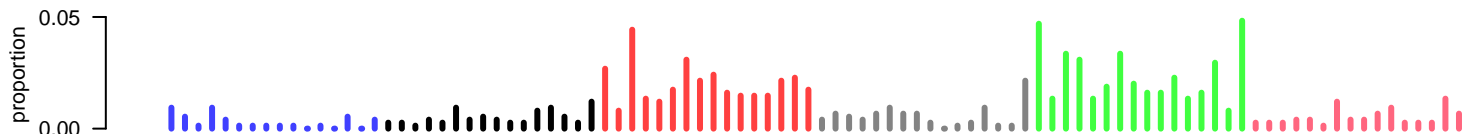
sample_810



sample_447



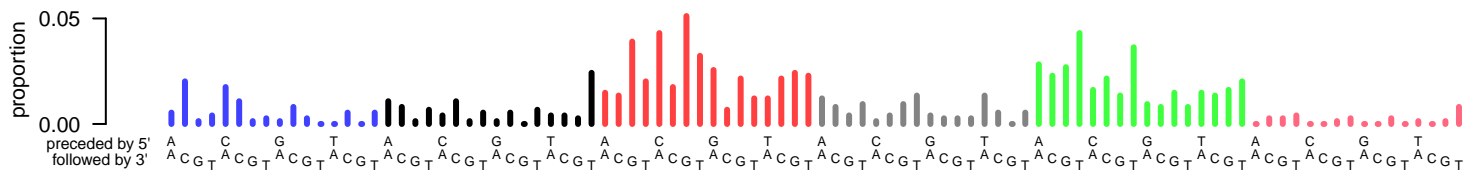
sample_675



sample_33



sample_513



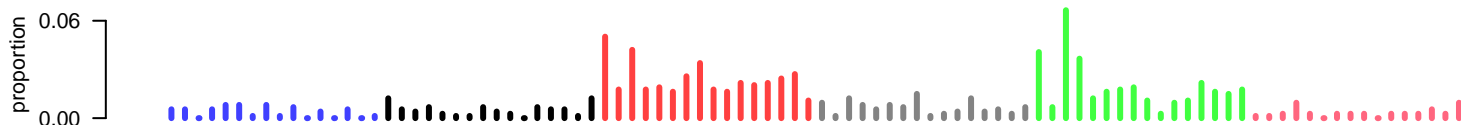
sample_906



sample_158



sample_377



sample_928



sample_798



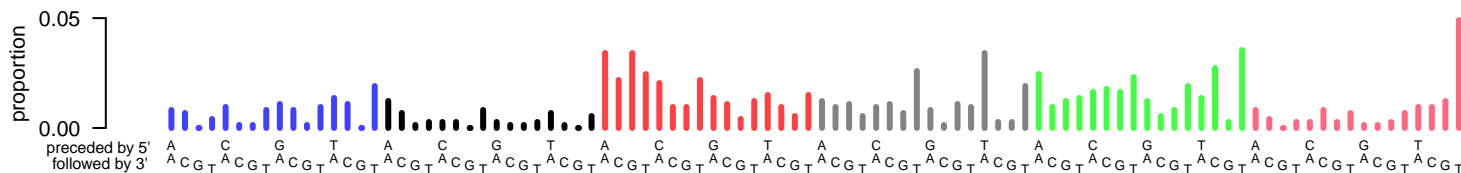
sample_445



sample_762



sample_961



sample_1



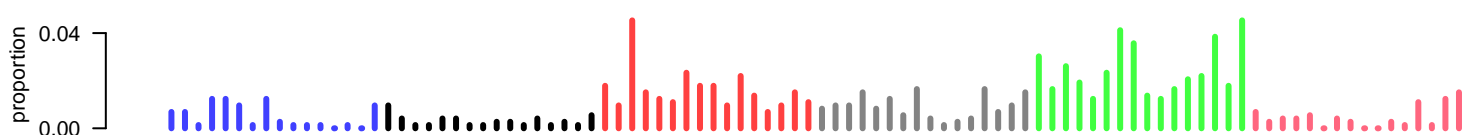
sample_851



sample_921



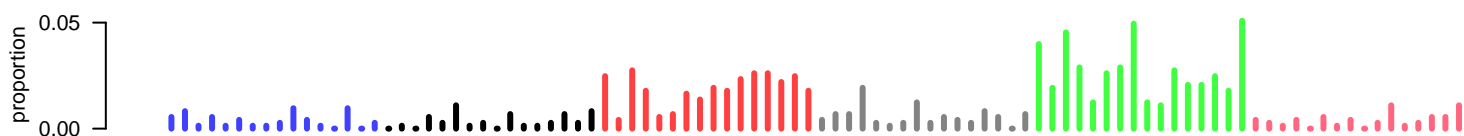
sample_367



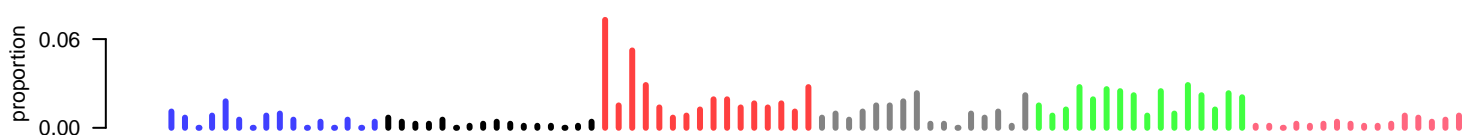
sample_804



sample_471



sample_329

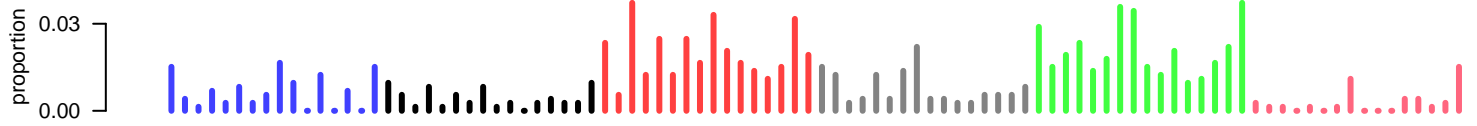


sample_411



preceded by 5'
followed by 3'

sample_553



sample_968



sample_479



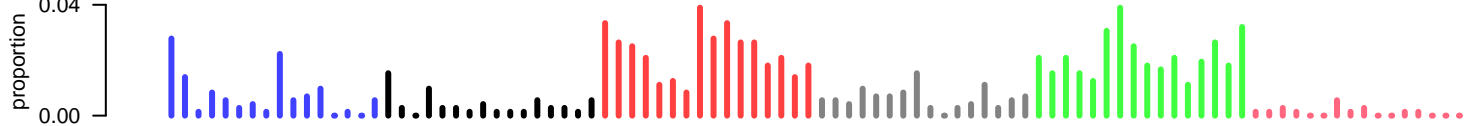
sample_341



sample_451



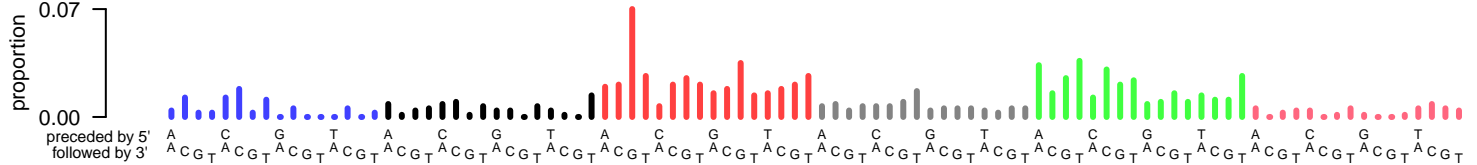
sample_91



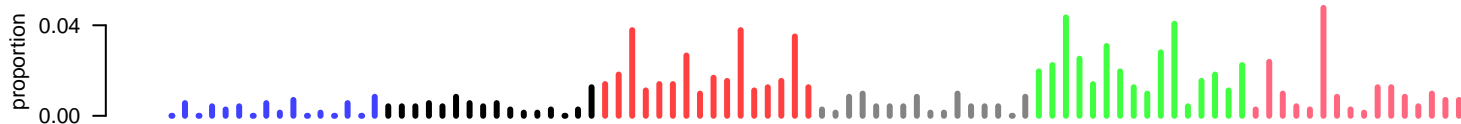
sample_891



sample_116



sample_701



sample_178



sample_305



sample_847



sample_947



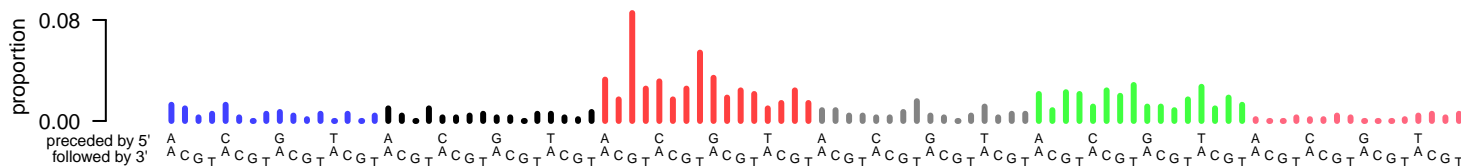
sample_540

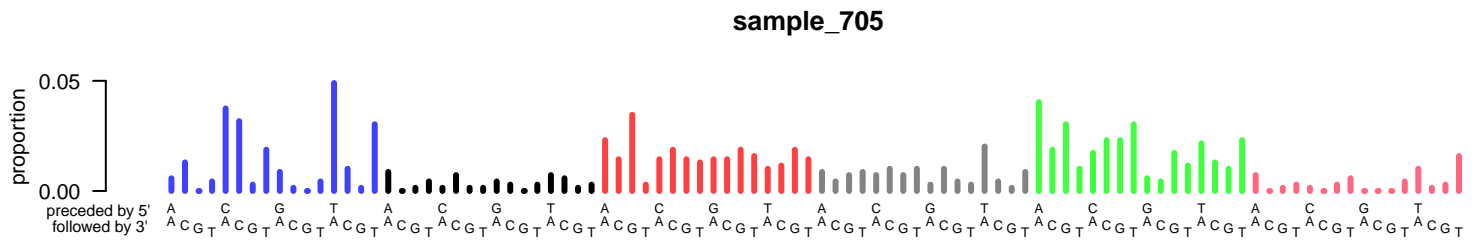
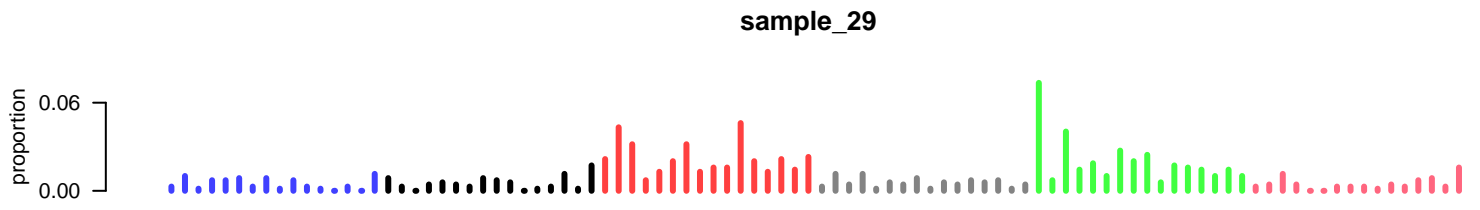
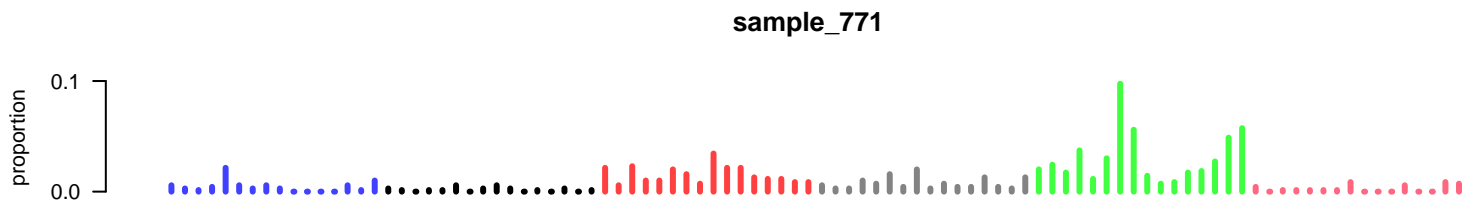
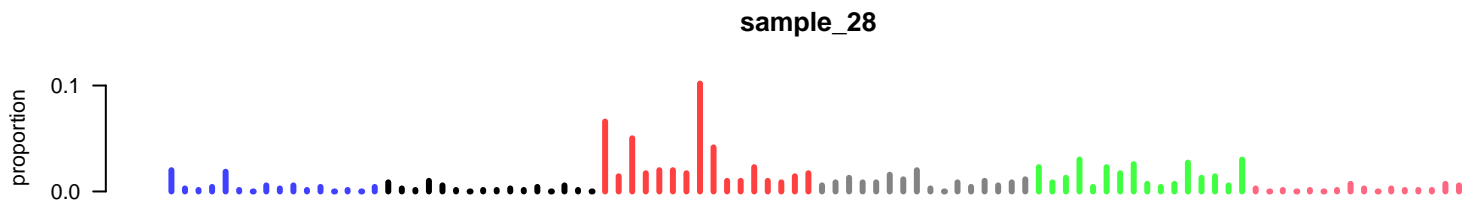
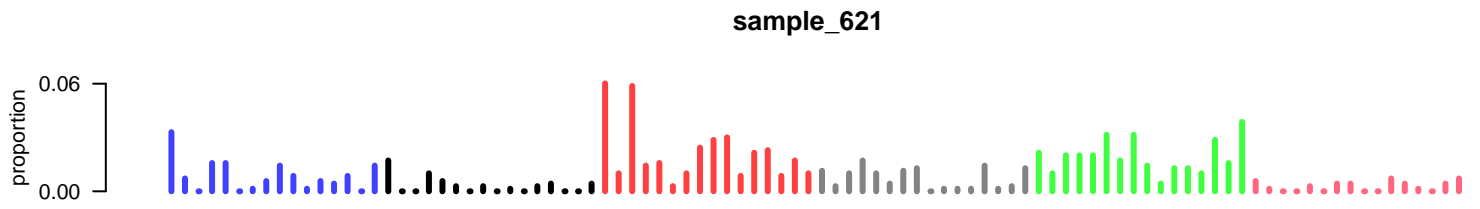
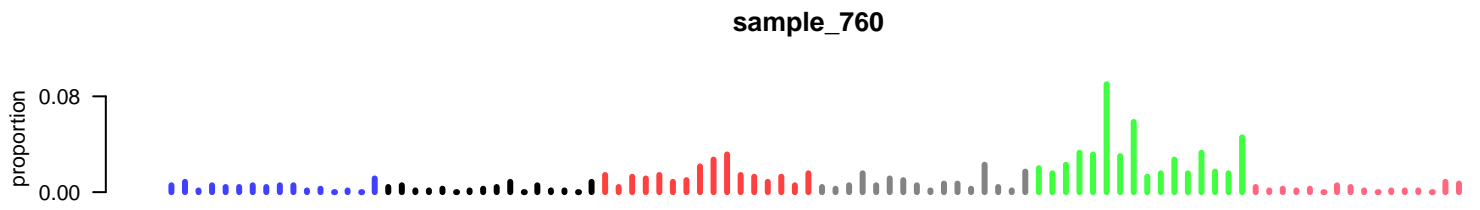
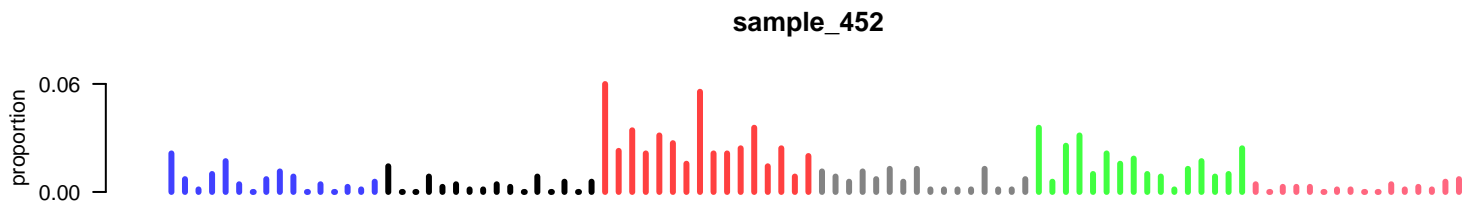
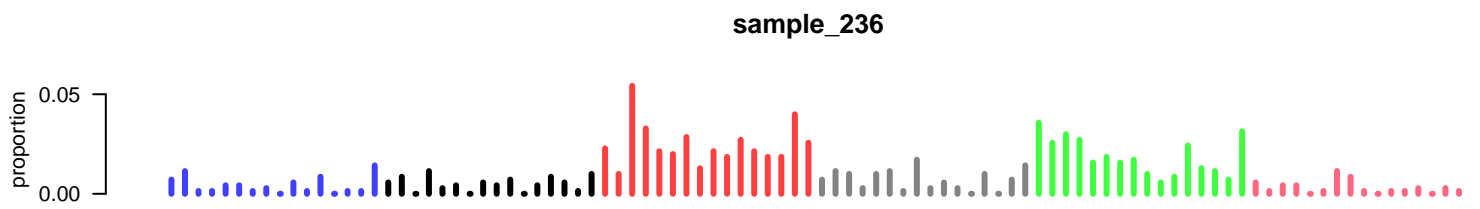


sample_602

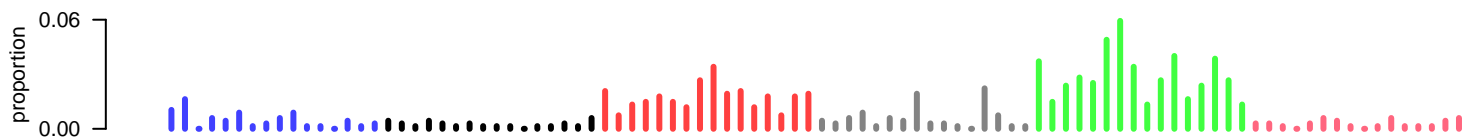


sample_387

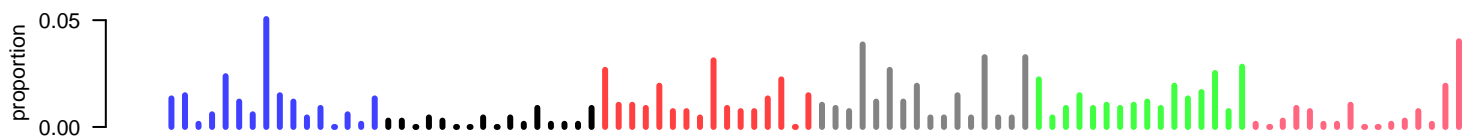




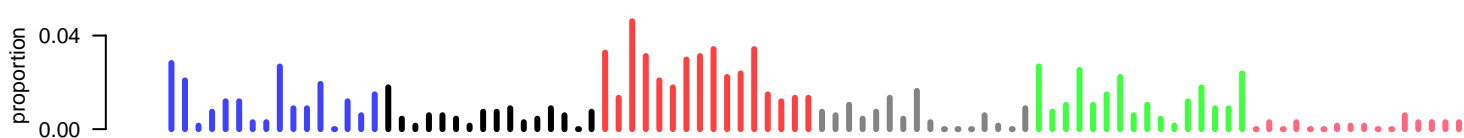
sample_720



sample_565



sample_200



sample_533



sample_523



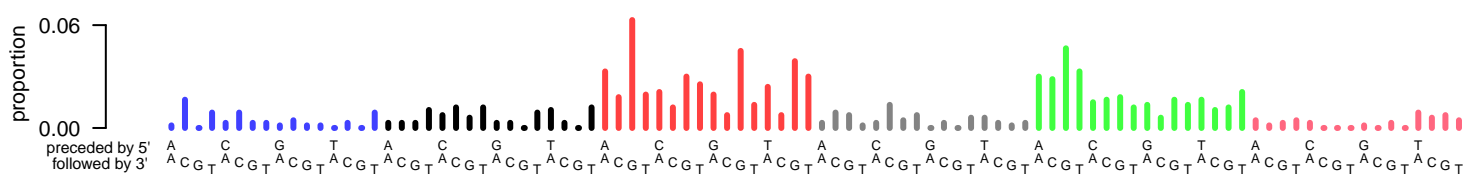
sample_954



sample_265



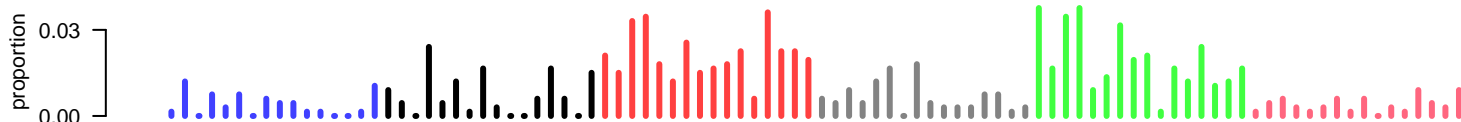
sample_545



sample_550



sample_554



sample_835



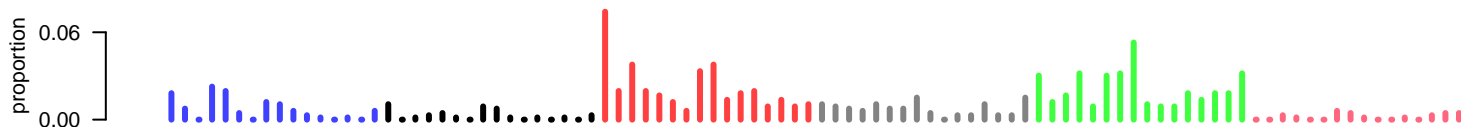
sample_106



sample_428



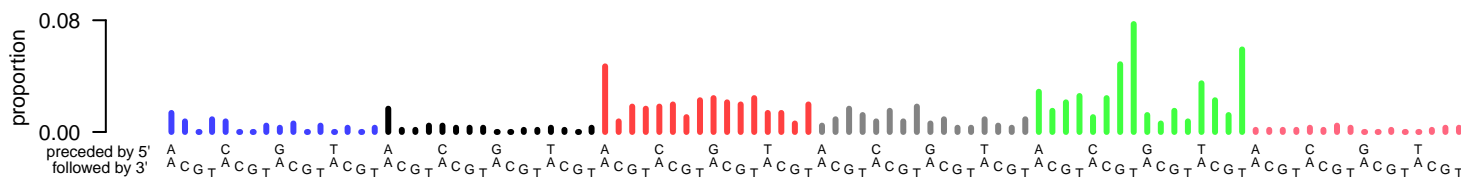
sample_634

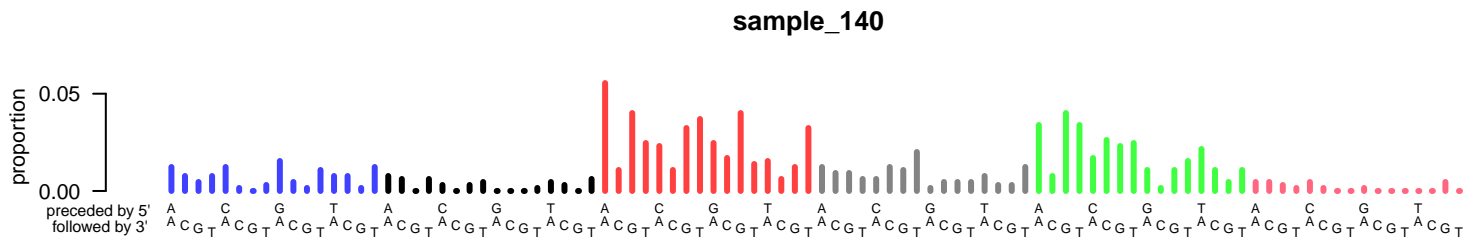
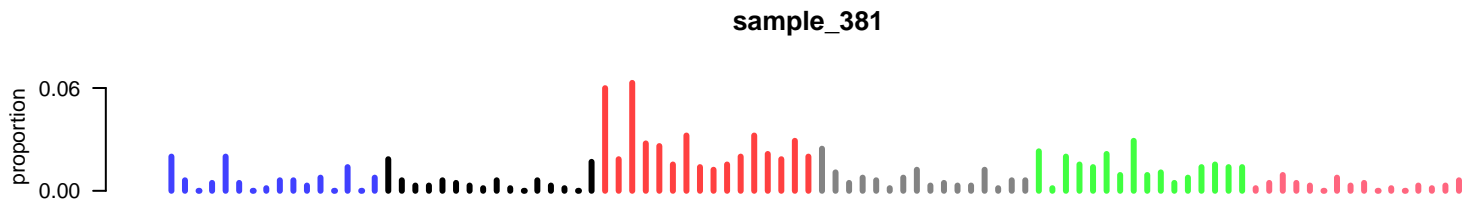
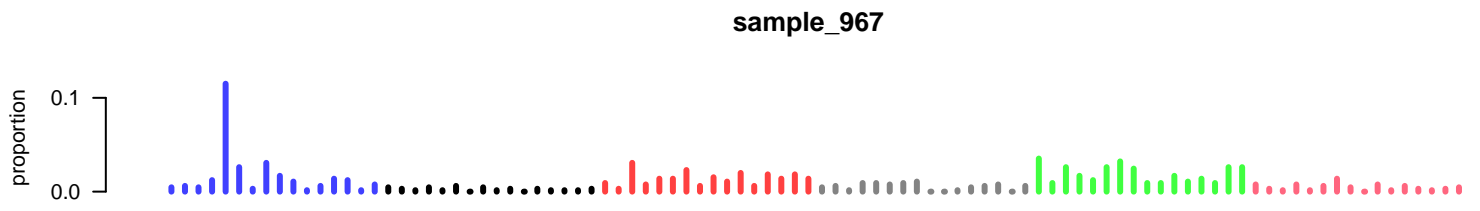
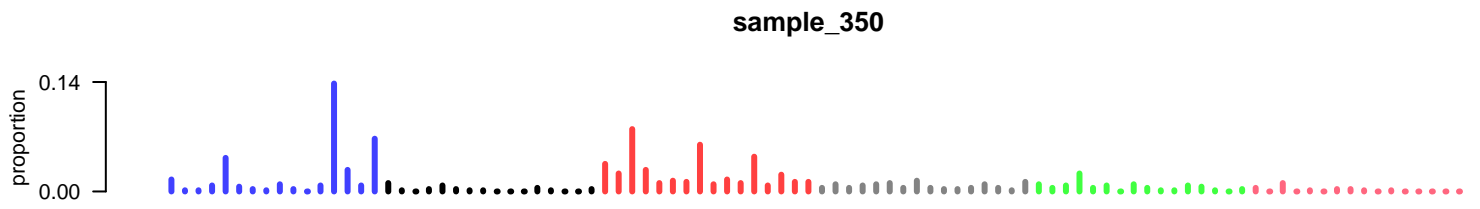
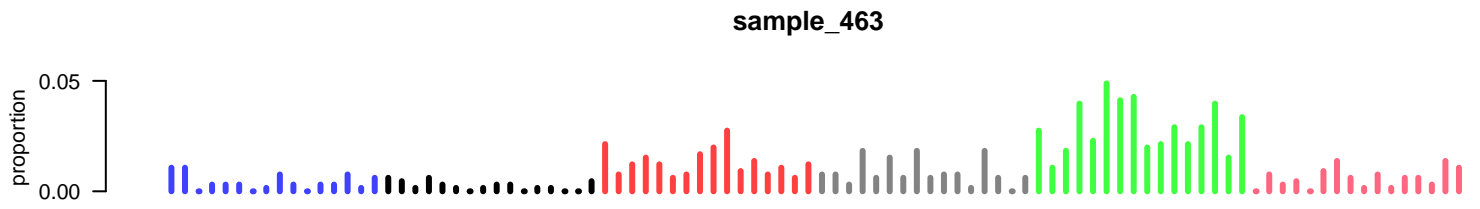
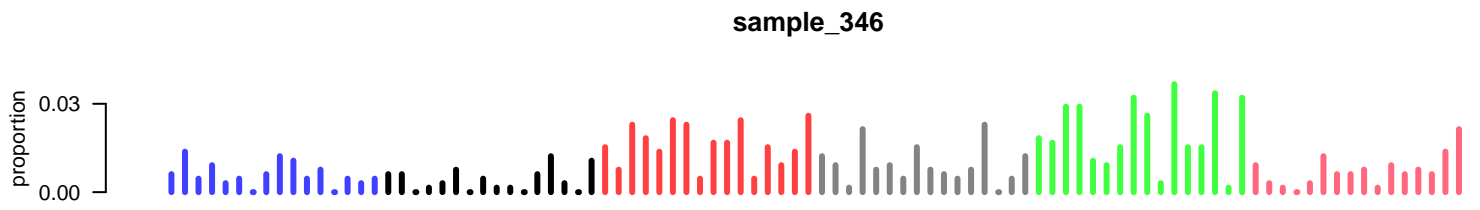
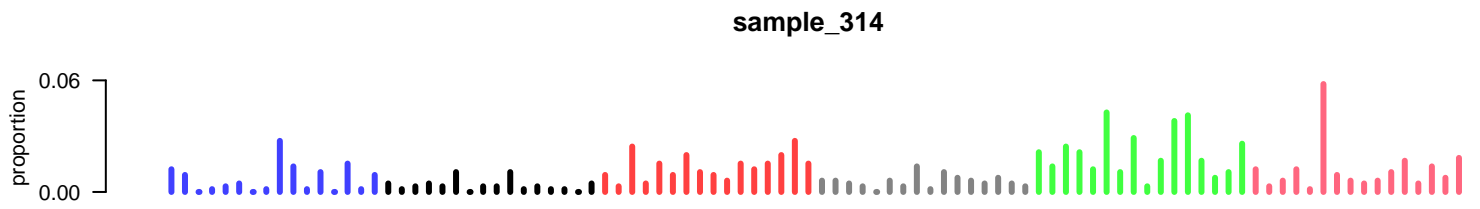
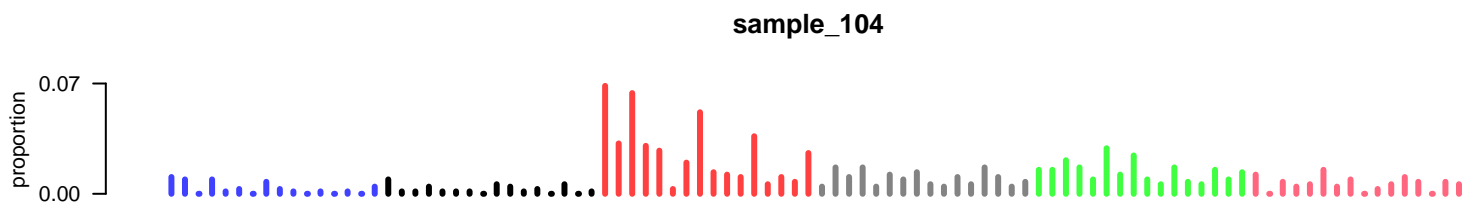


sample_378



sample_67





sample_817



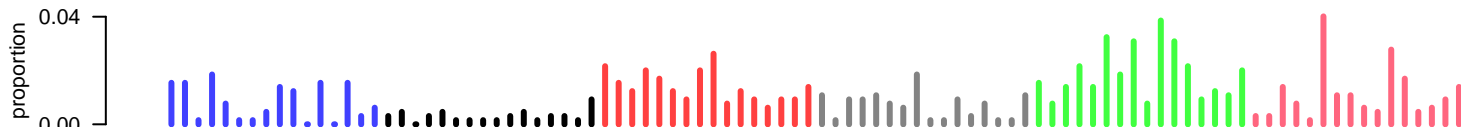
sample_111



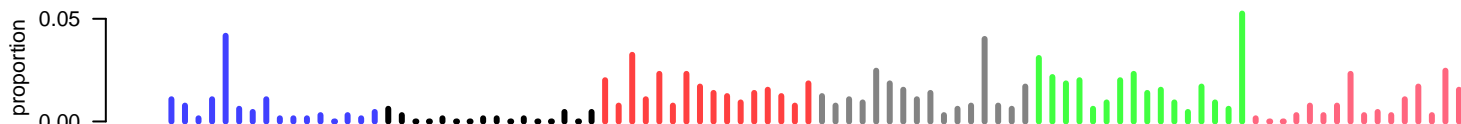
sample_361



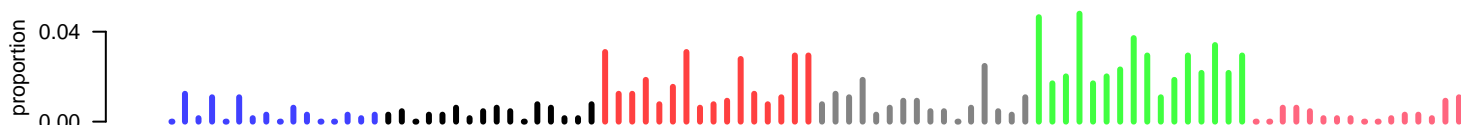
sample_979



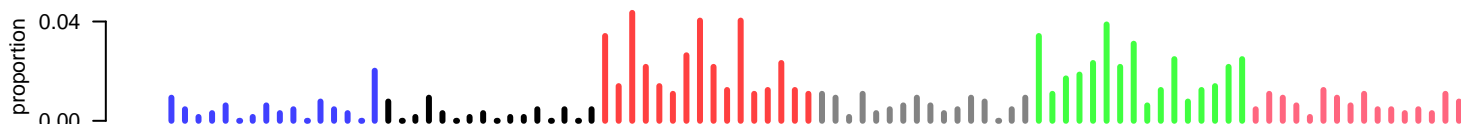
sample_142



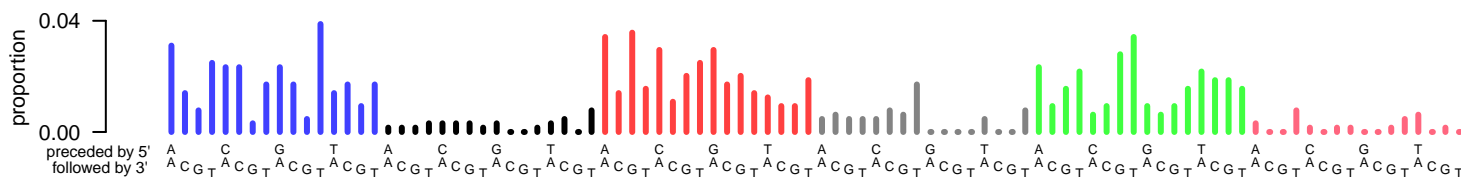
sample_948



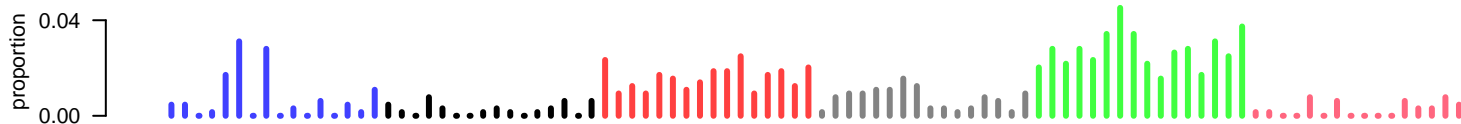
sample_560



sample_681



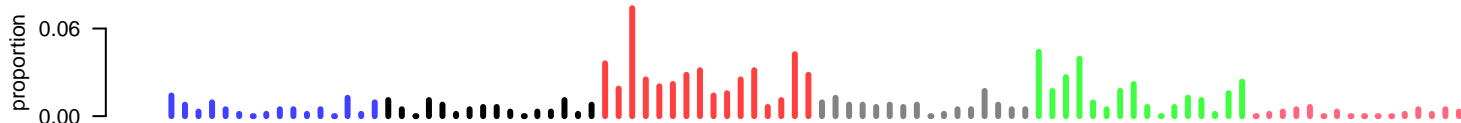
sample_868



sample_13



sample_308



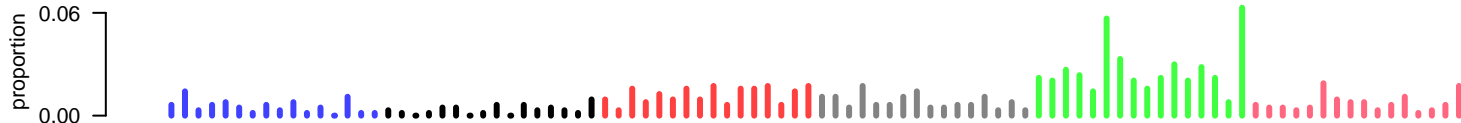
sample_575



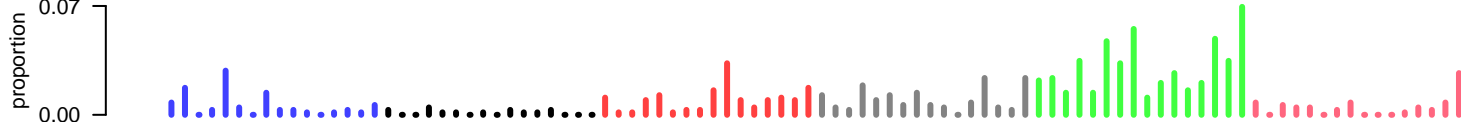
sample_995



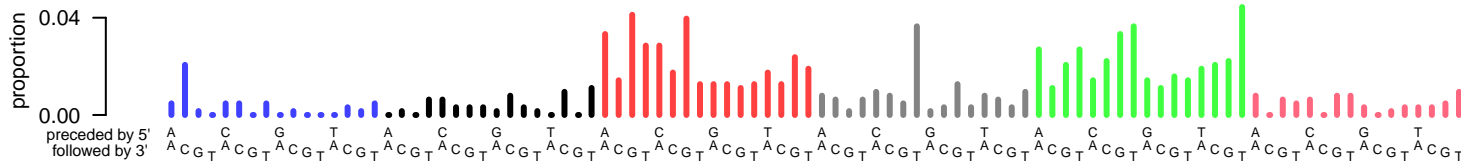
sample_871



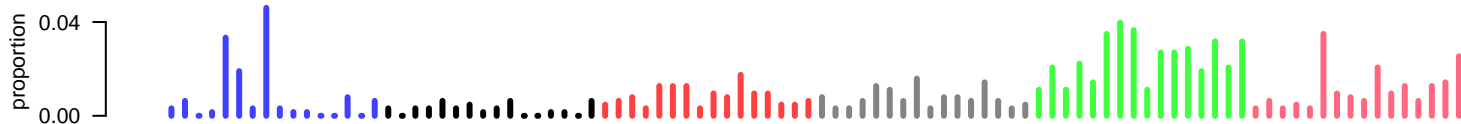
sample_373



sample_243



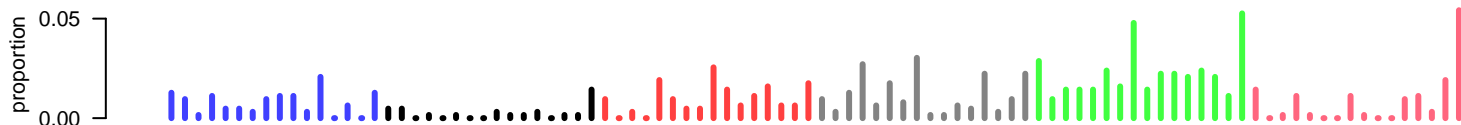
sample_349



sample_524



sample_572



sample_756



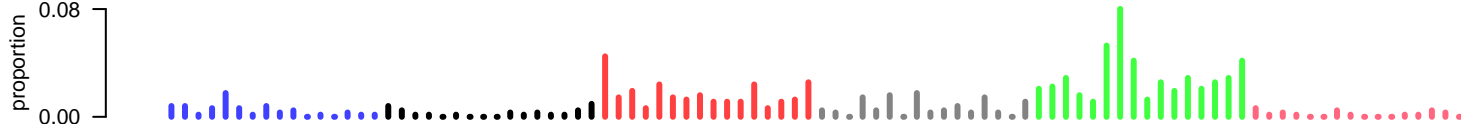
sample_365



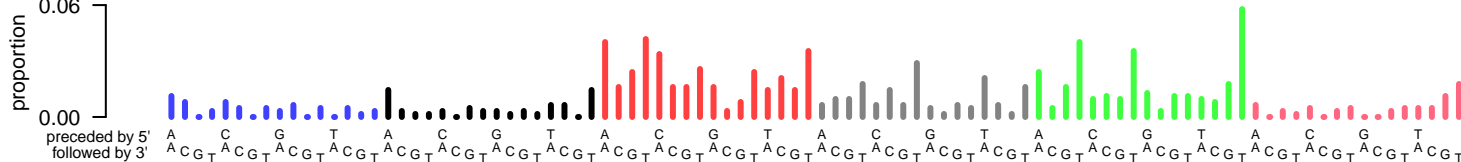
sample_552



sample_120



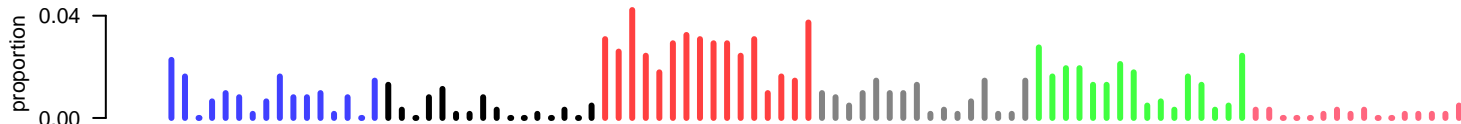
sample_363



sample_267



sample_648



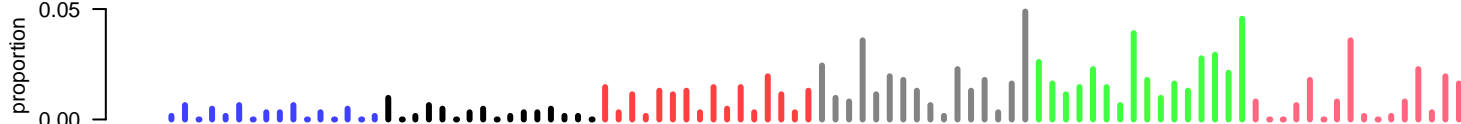
sample_354



sample_838



sample_606



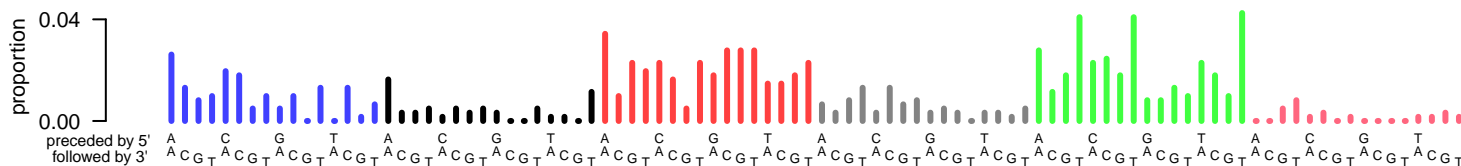
sample_966



sample_637



sample_166



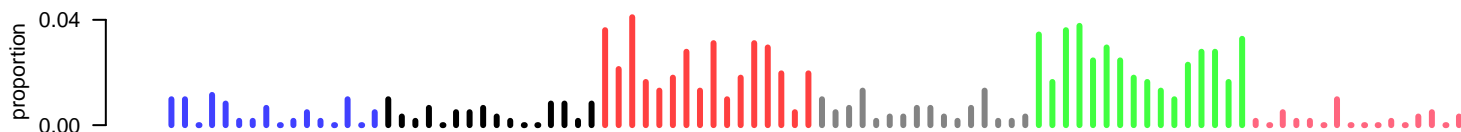
sample_628



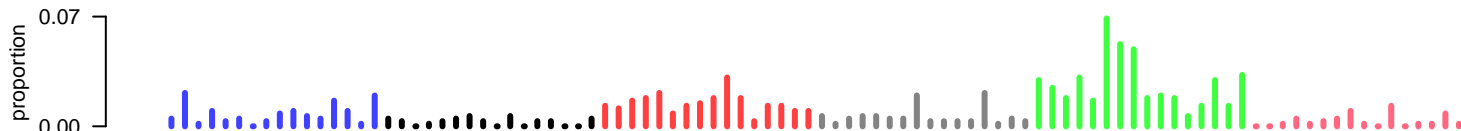
sample_189



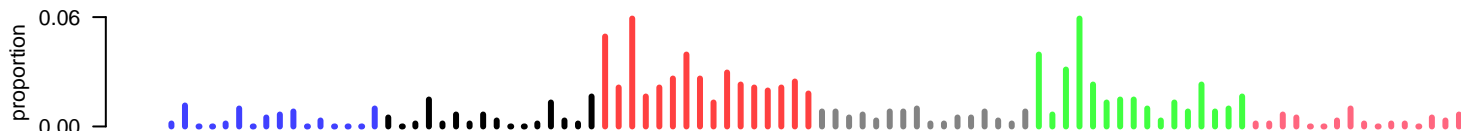
sample_224



sample_495



sample_600



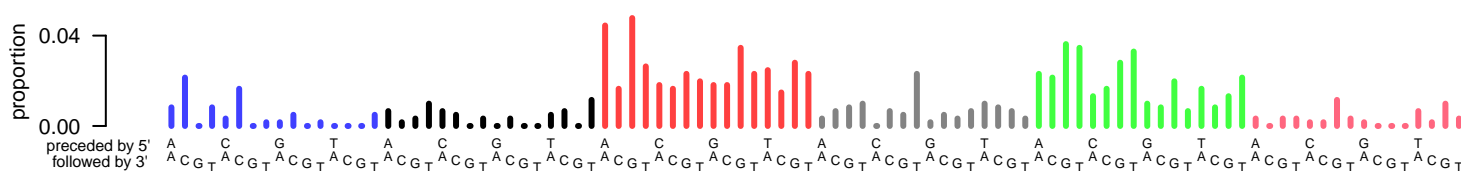
sample_745



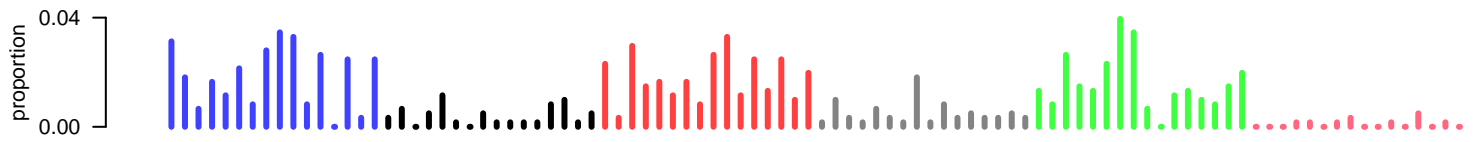
sample_895



sample_441



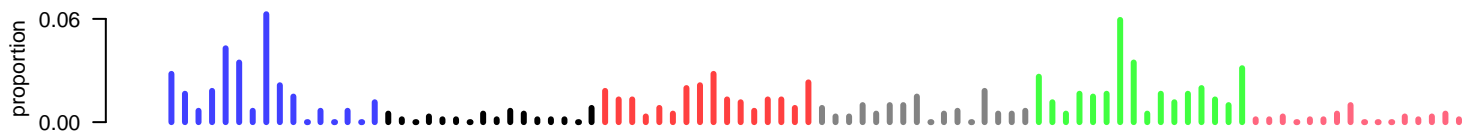
sample_97



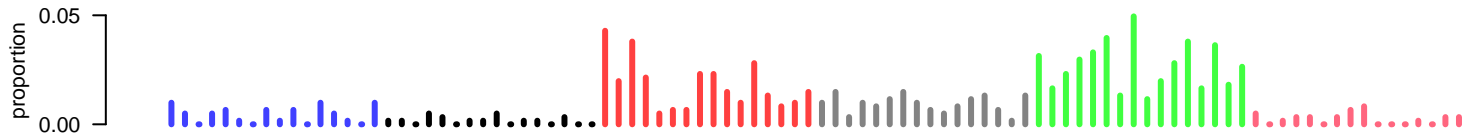
sample_785



sample_860



sample_923



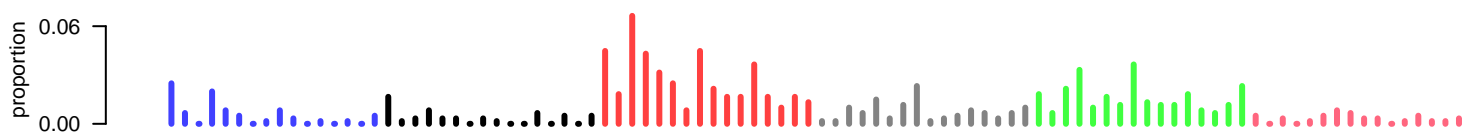
sample_481



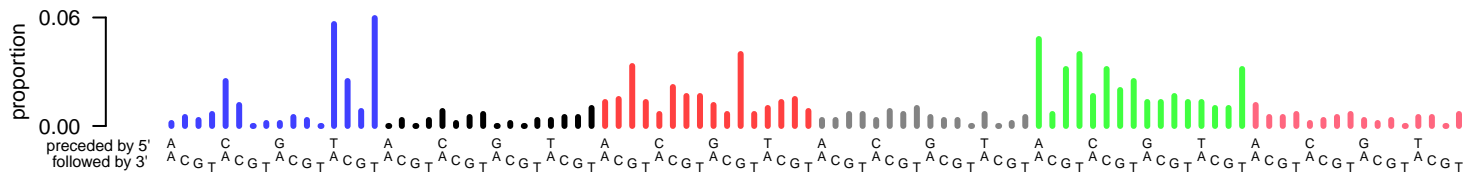
sample_700



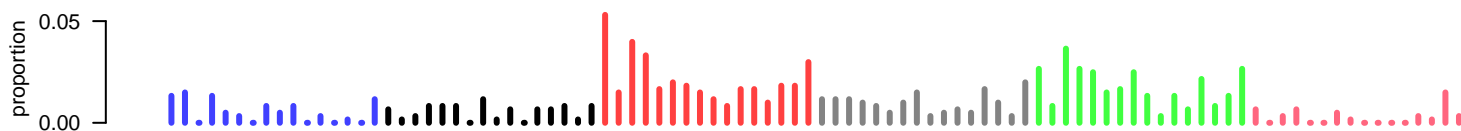
sample_198



sample_386



sample_772



sample_136



sample_457



sample_573



sample_85



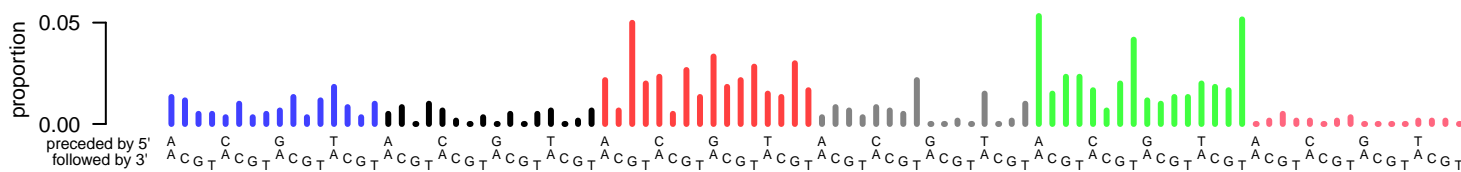
sample_859



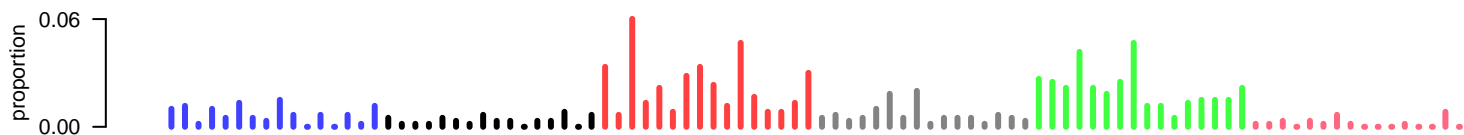
sample_987



sample_507



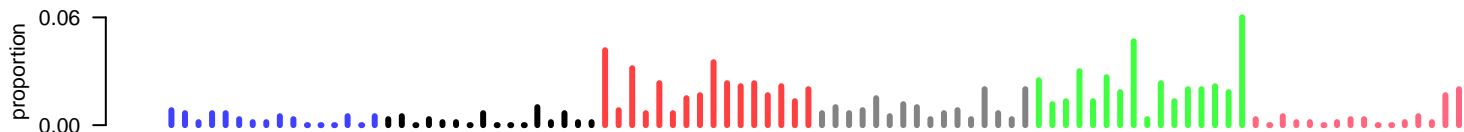
sample_181



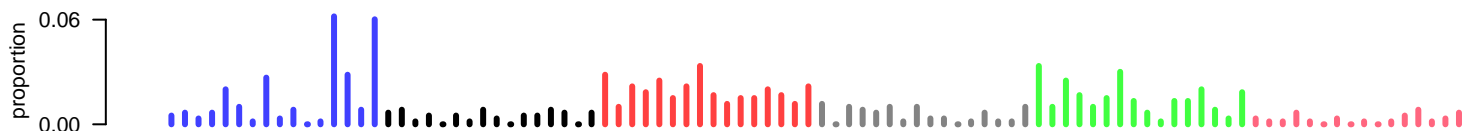
sample_773



sample_866



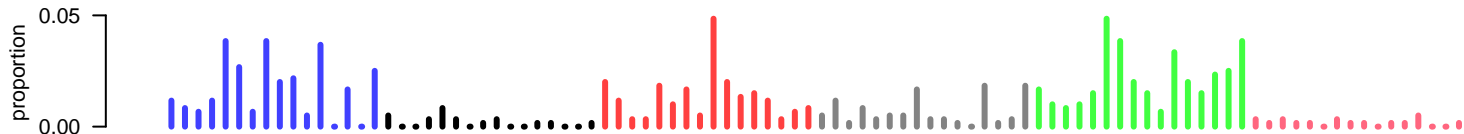
sample_117



sample_163



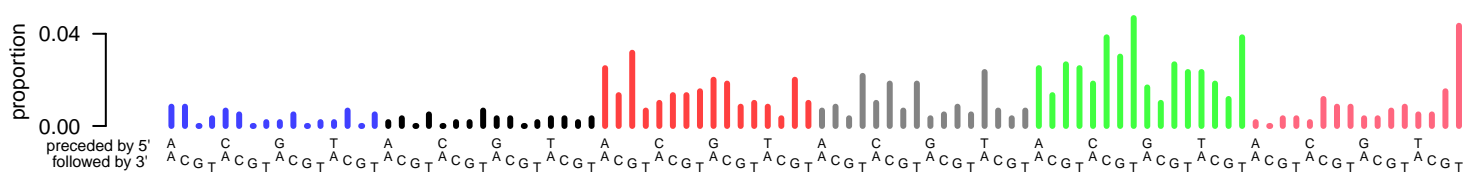
sample_351



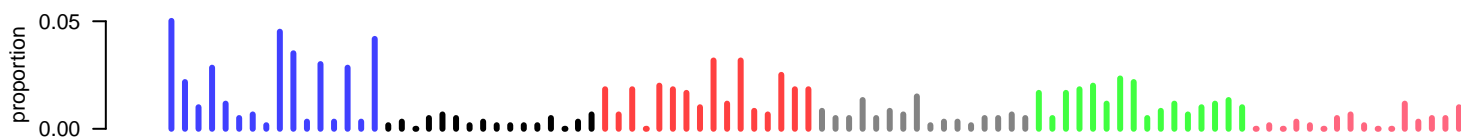
sample_646



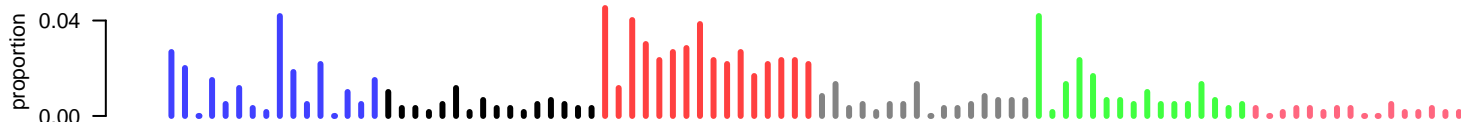
sample_824



sample_907



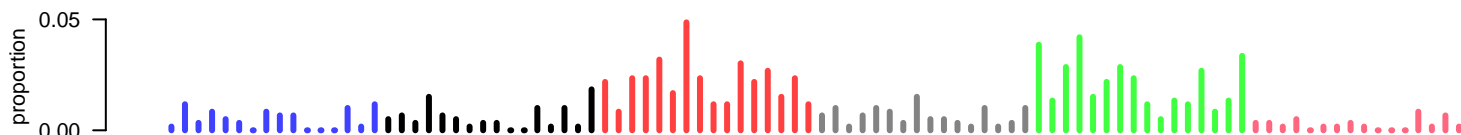
sample_593



sample_193



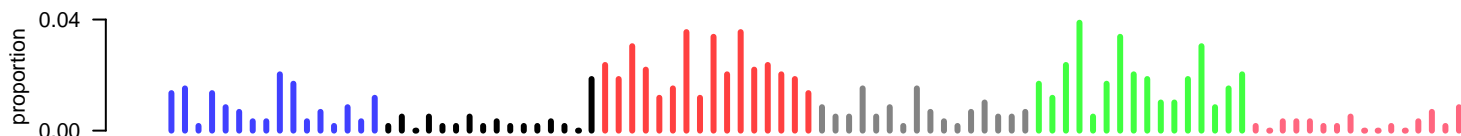
sample_682



sample_815



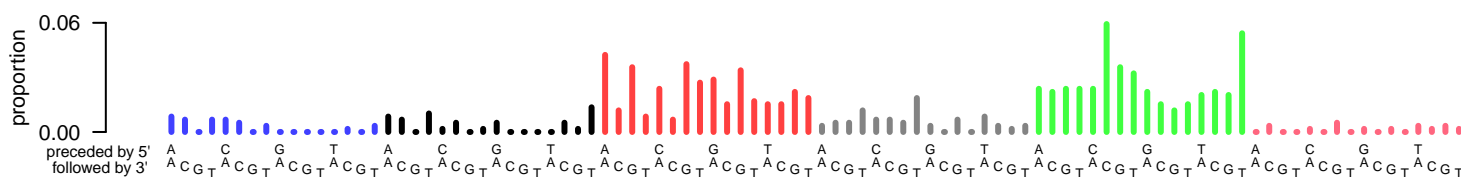
sample_945

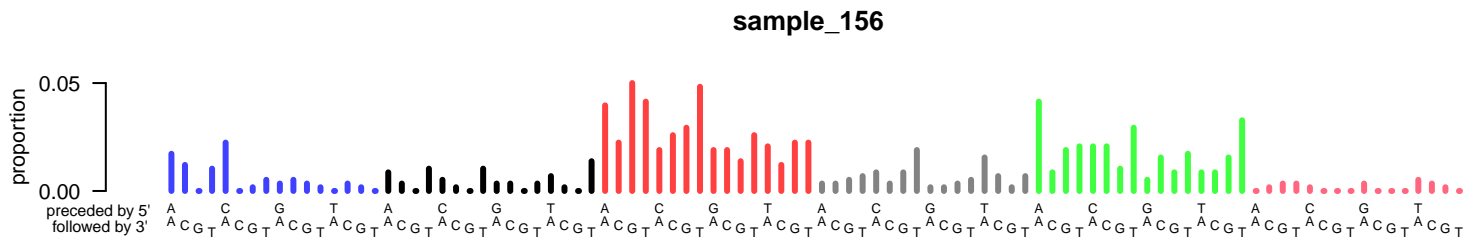
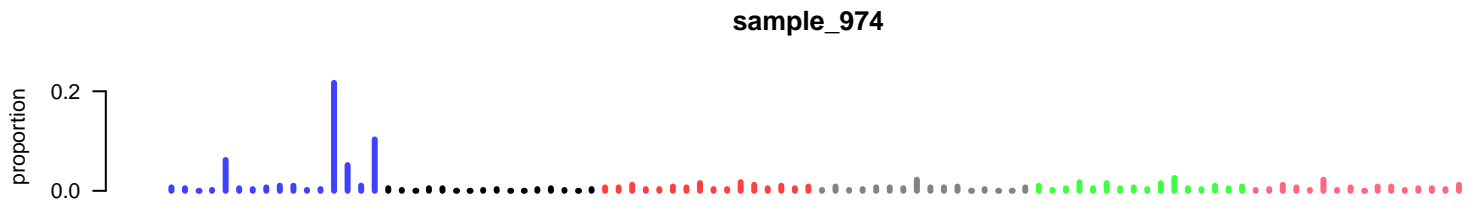
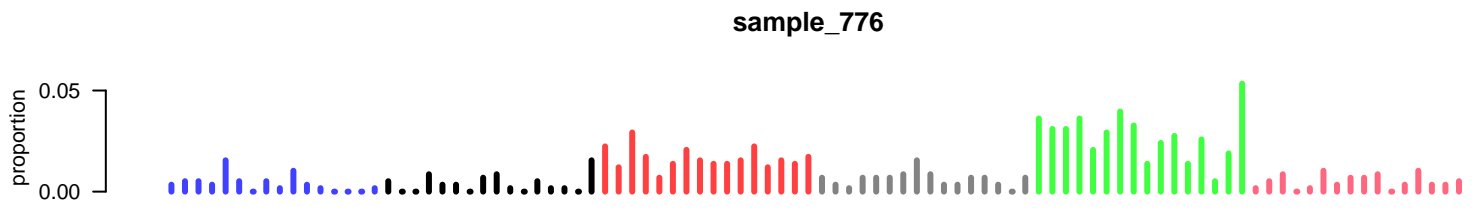
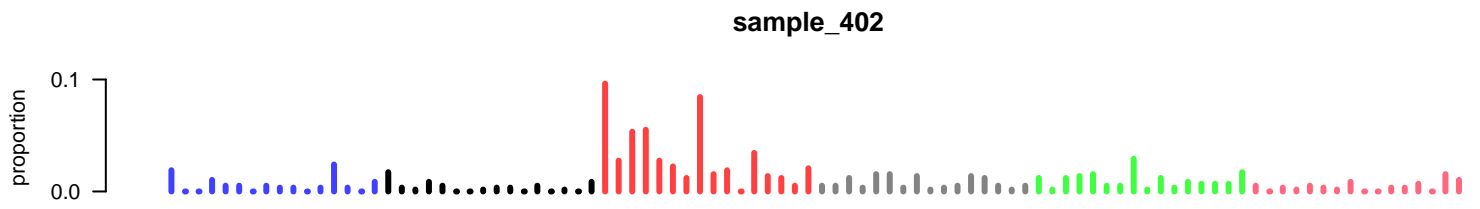
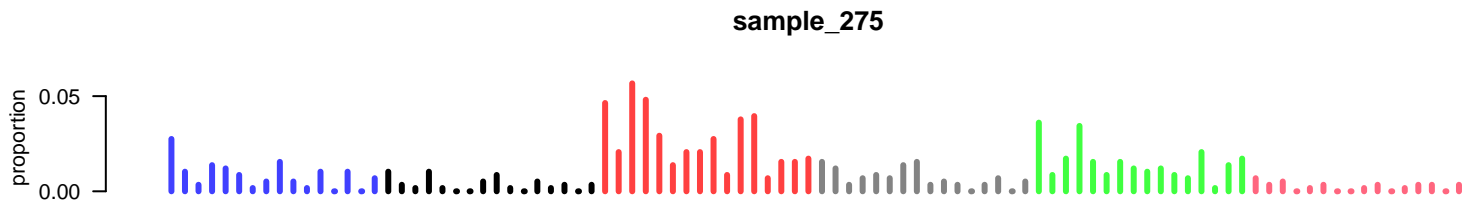
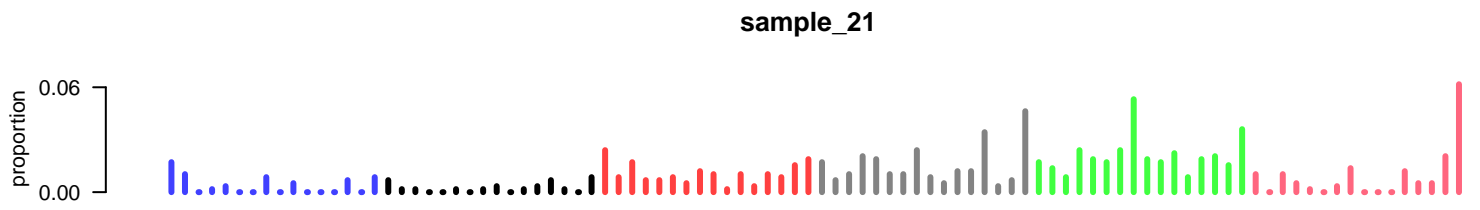
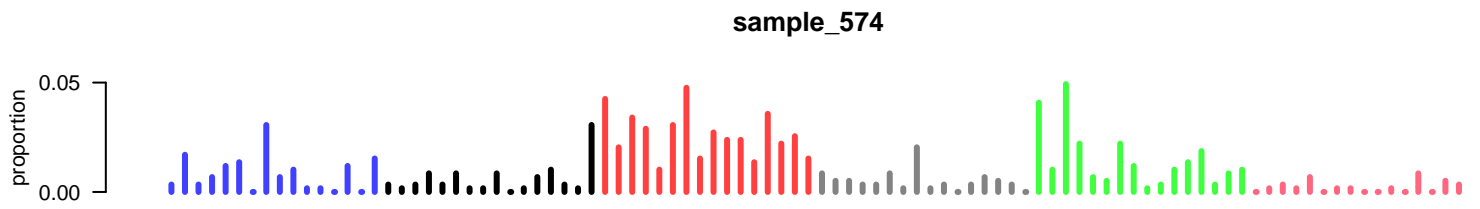
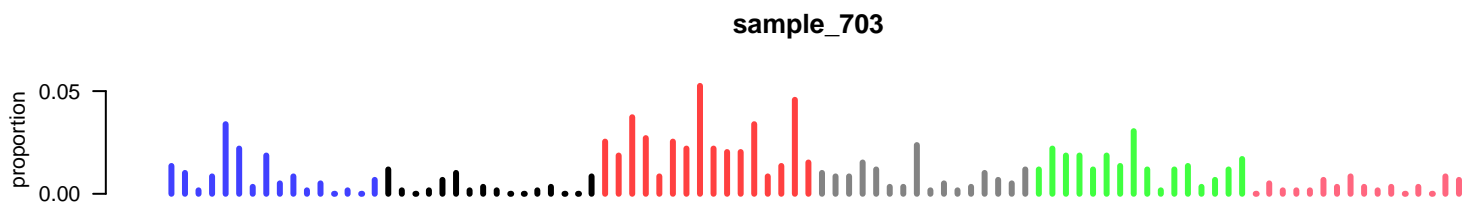


sample_241

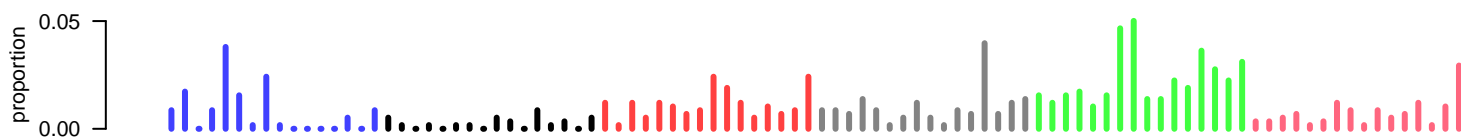


sample_101

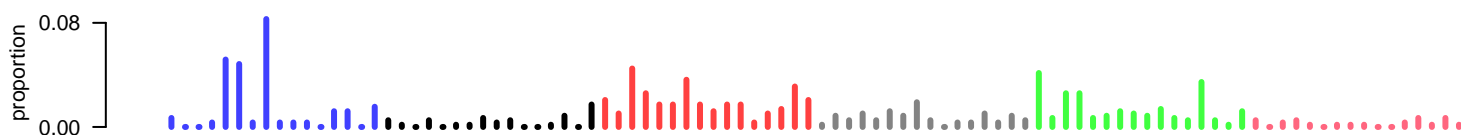




sample_131



sample_562



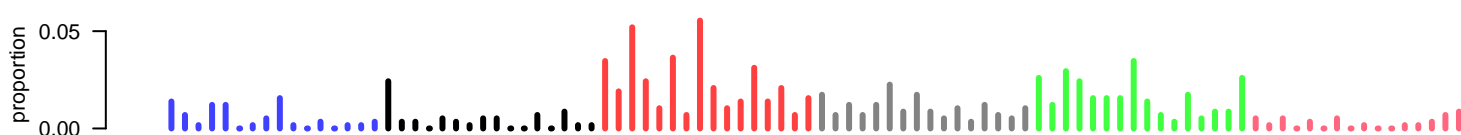
sample_764



sample_990



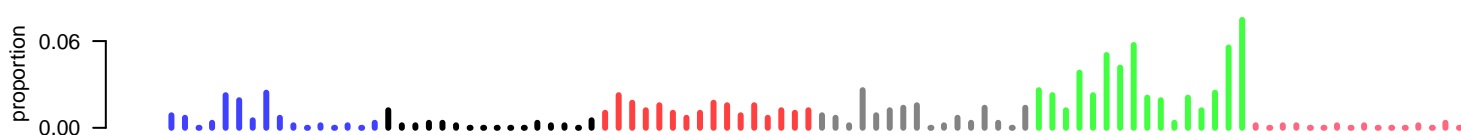
sample_777



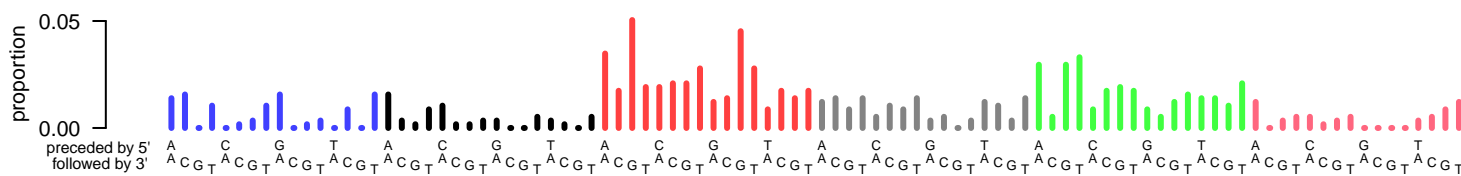
sample_942



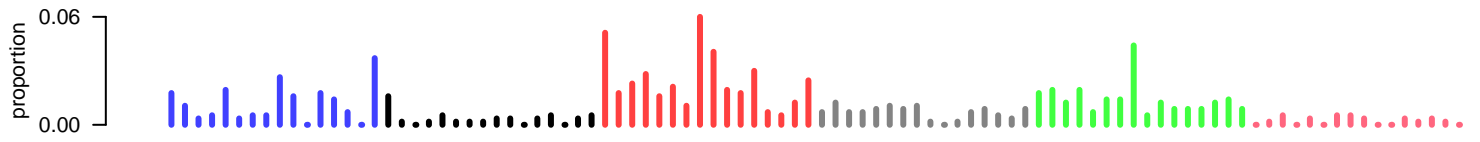
sample_893



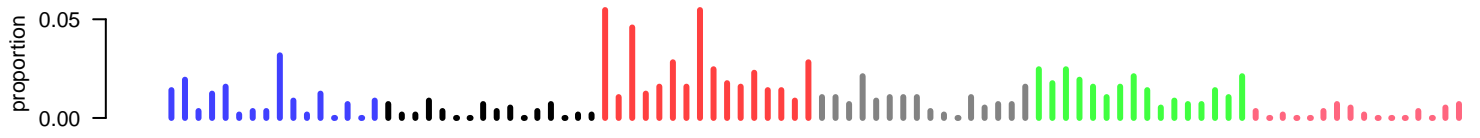
sample_983



sample_235



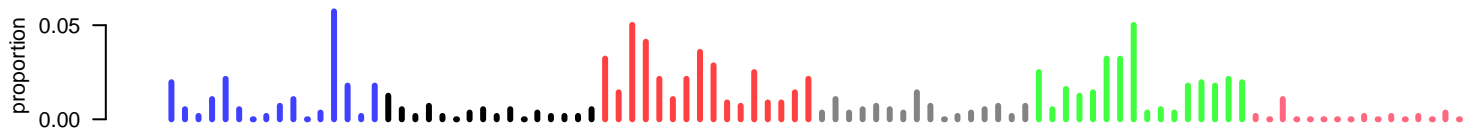
sample_863



sample_903



sample_669



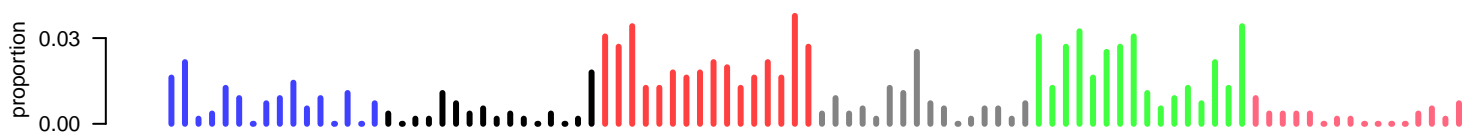
sample_125



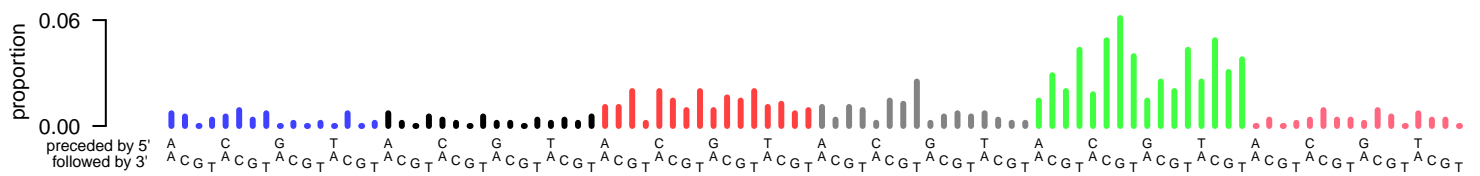
sample_8



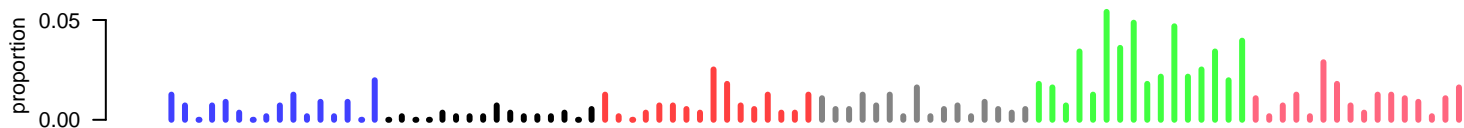
sample_20



sample_586



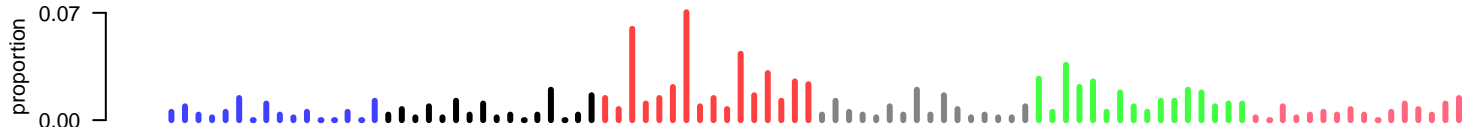
sample_825



sample_58



sample_708



sample_922



sample_289



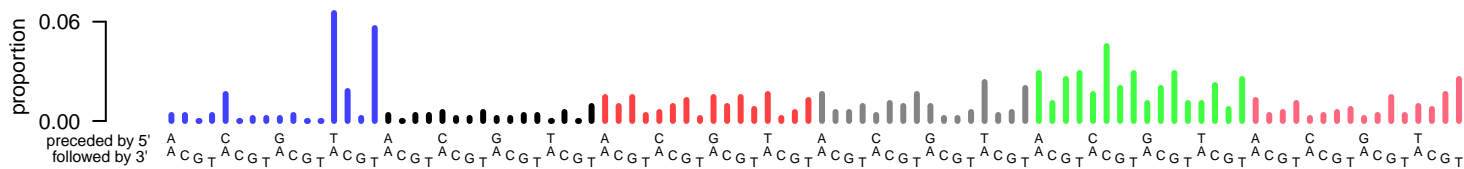
sample_537



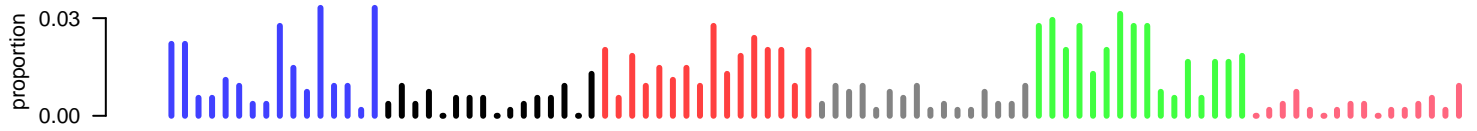
sample_311



sample_423



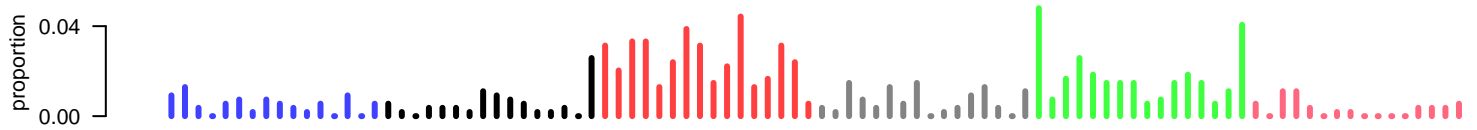
sample_254



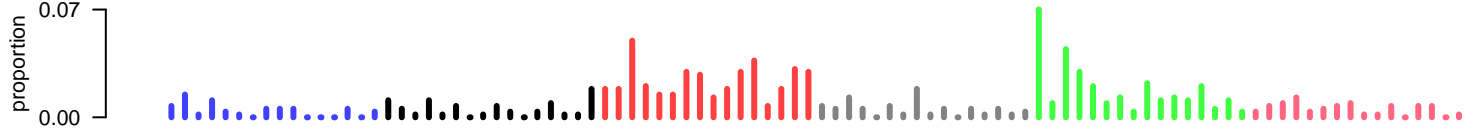
sample_841



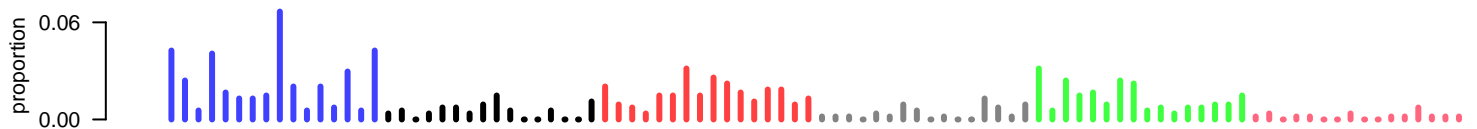
sample_559



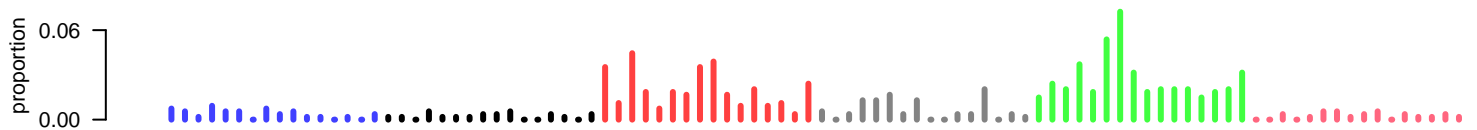
sample_723



sample_655



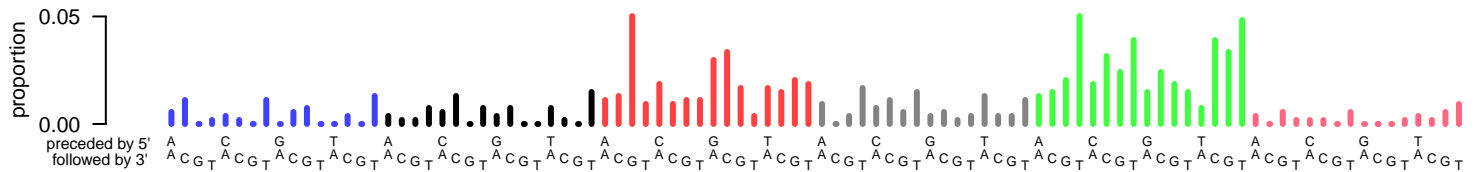
sample_643

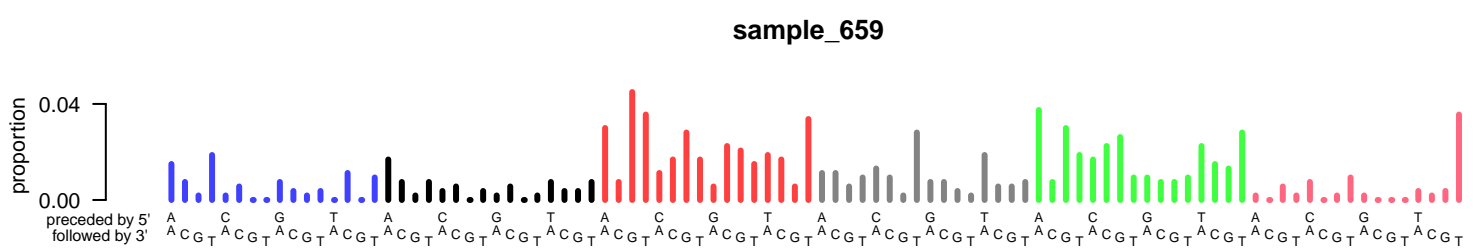
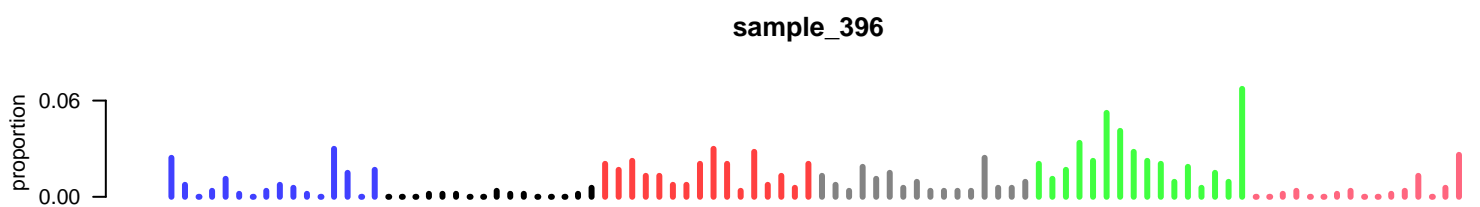
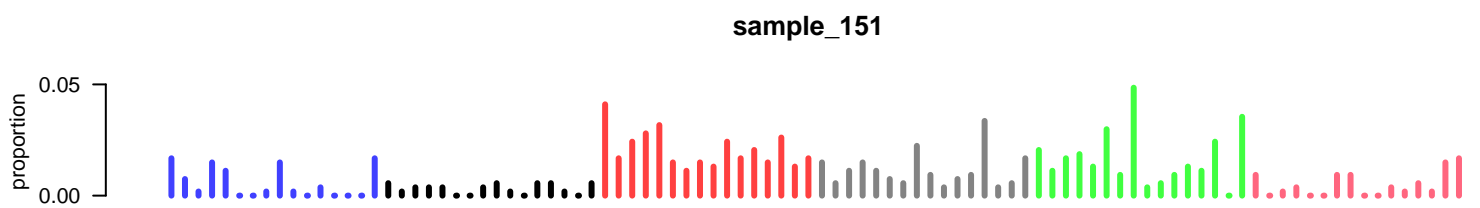
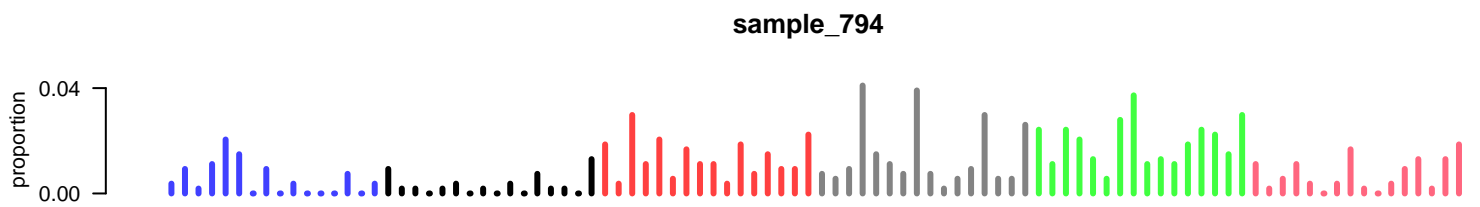
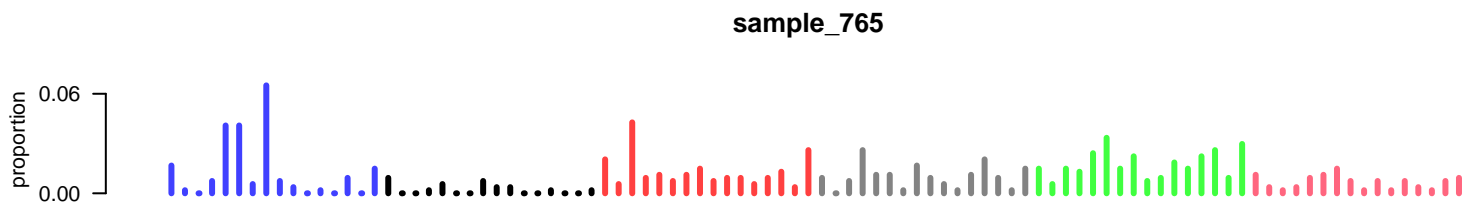
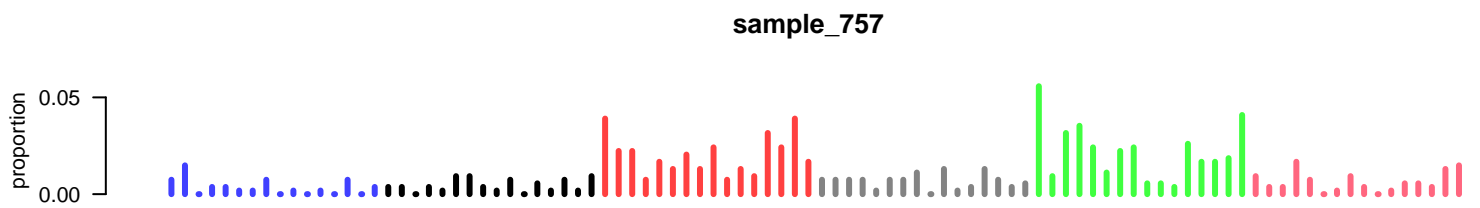
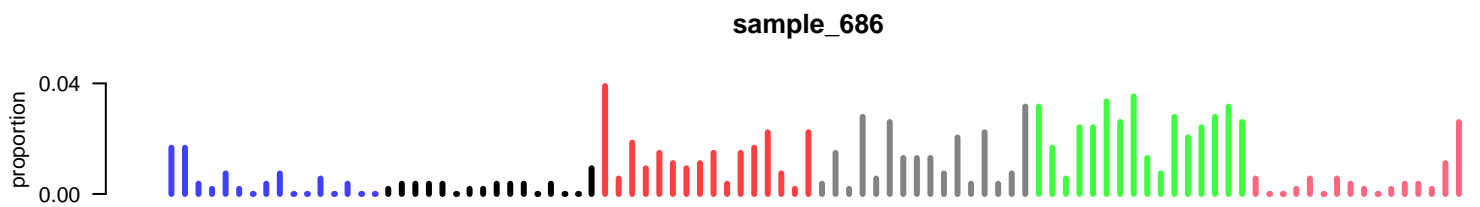
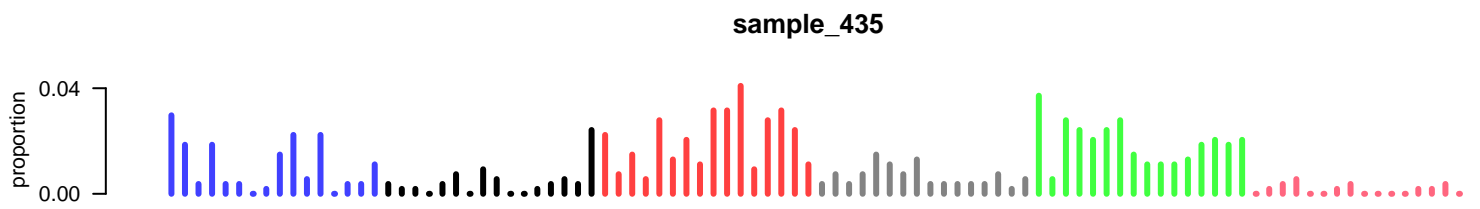


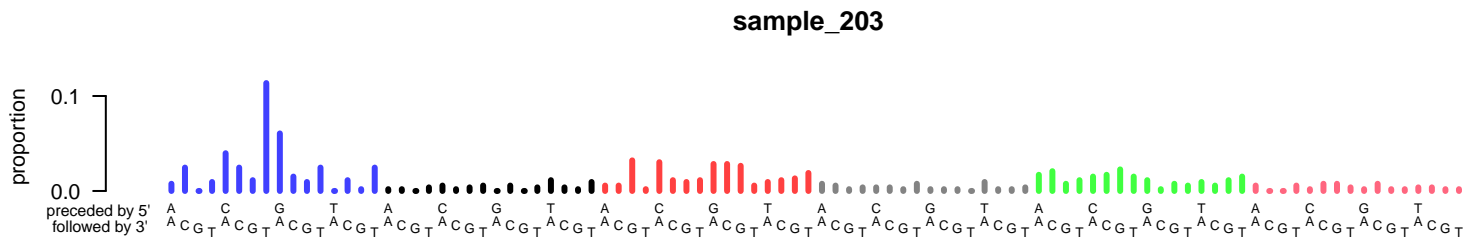
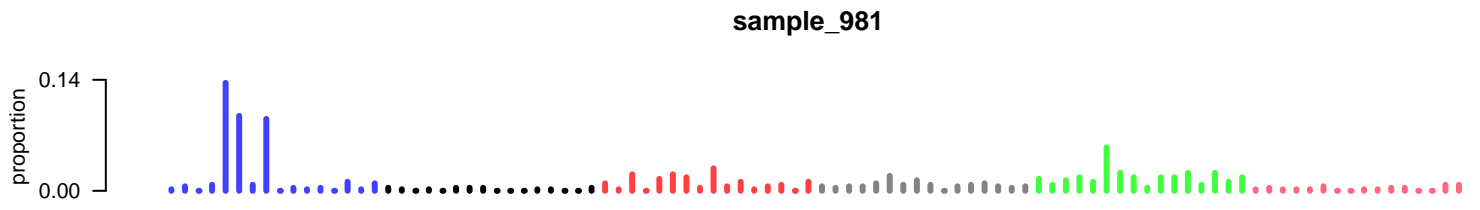
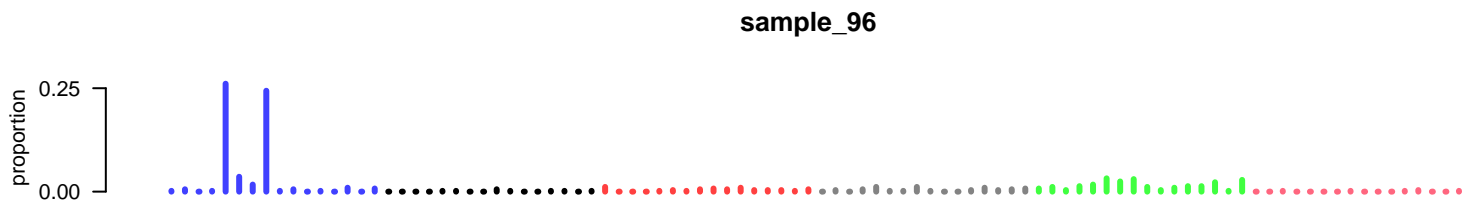
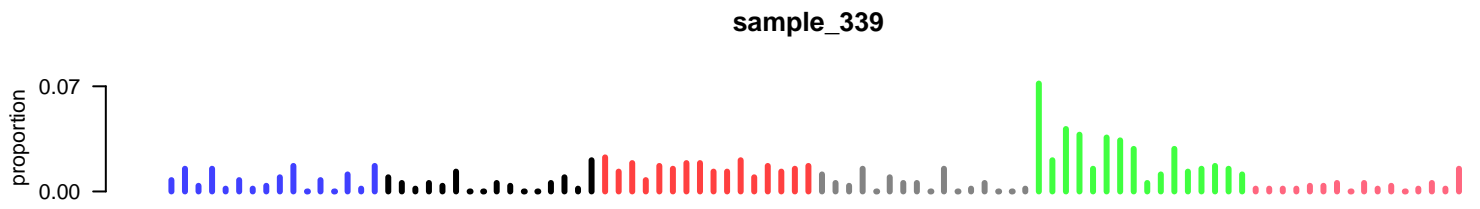
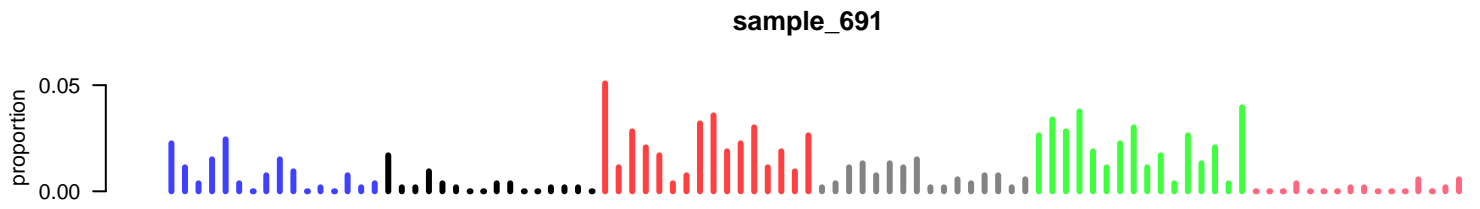
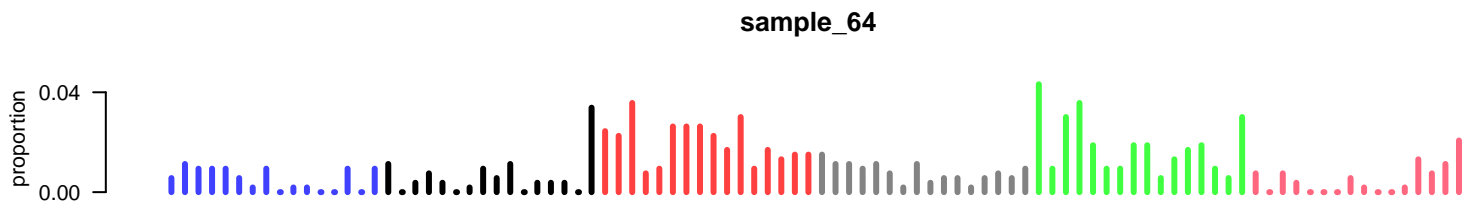
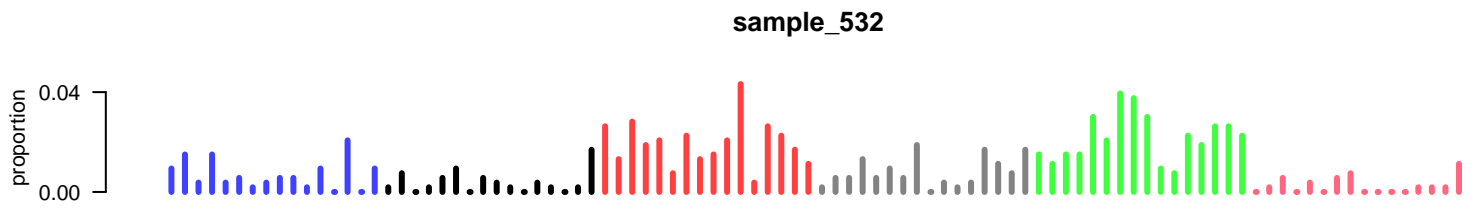
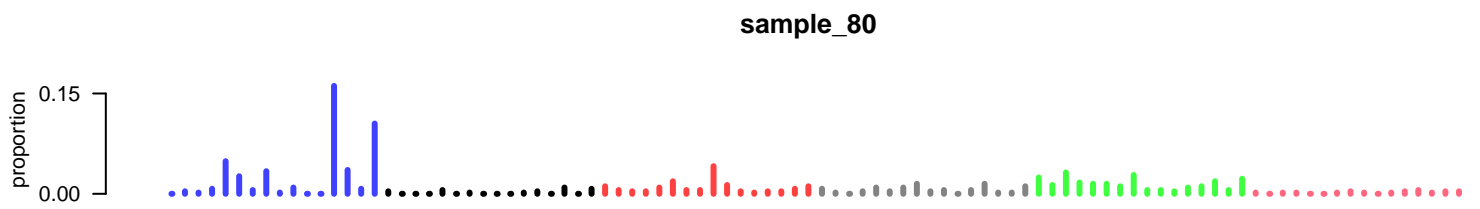
sample_992



sample_141







sample_201



sample_711



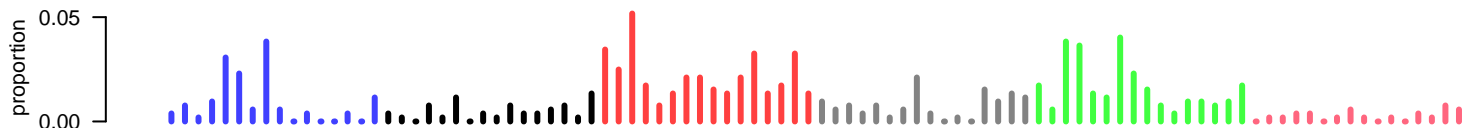
sample_398



sample_497



sample_388



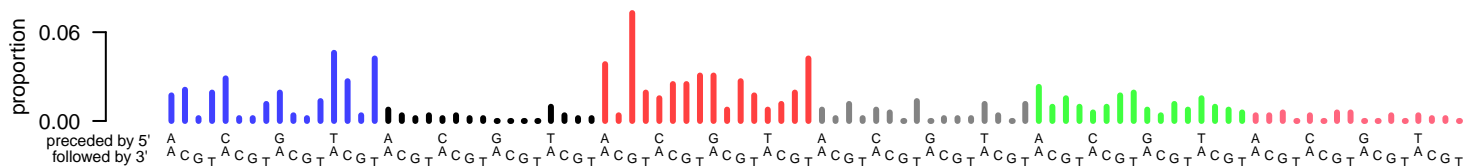
sample_862

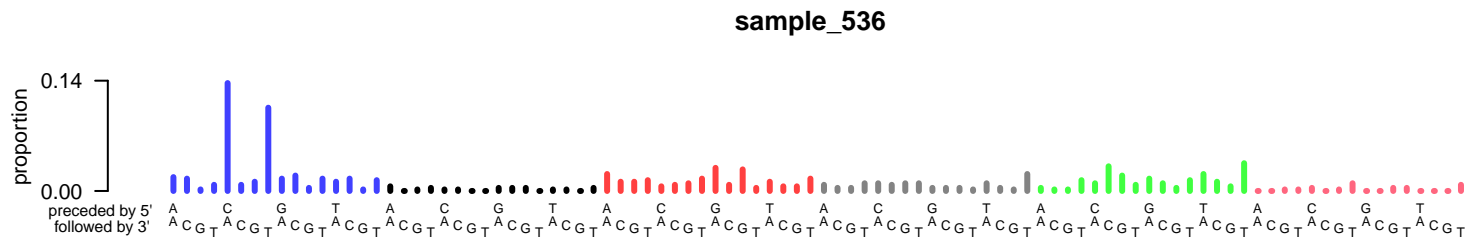
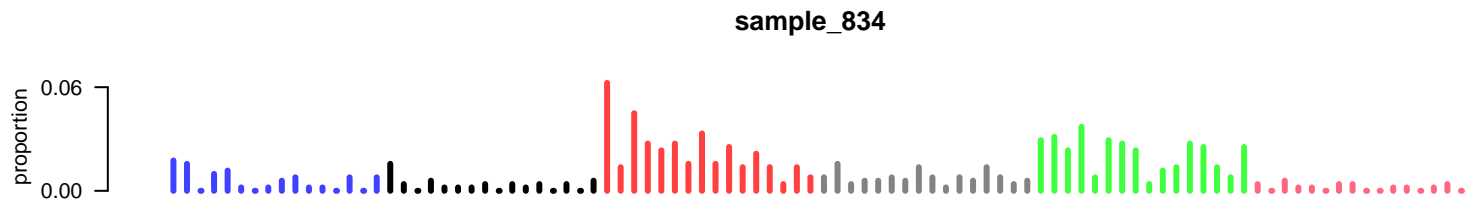
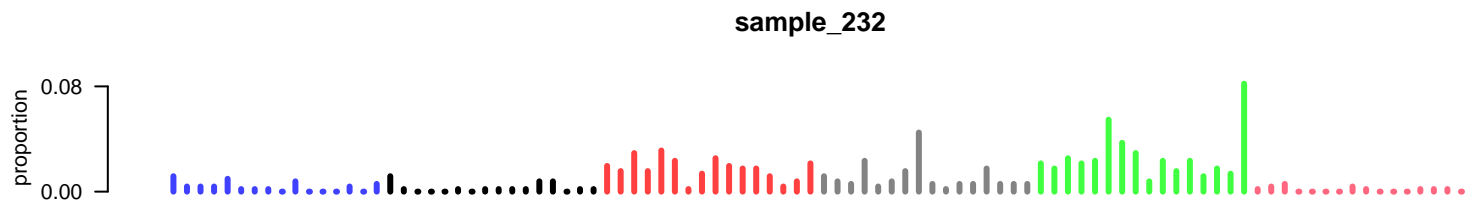
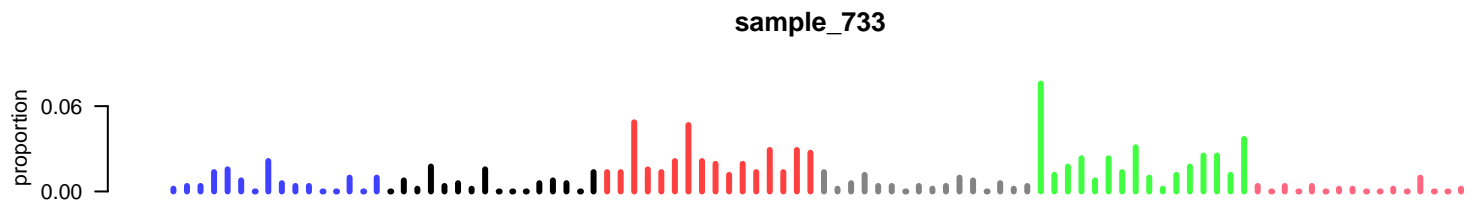
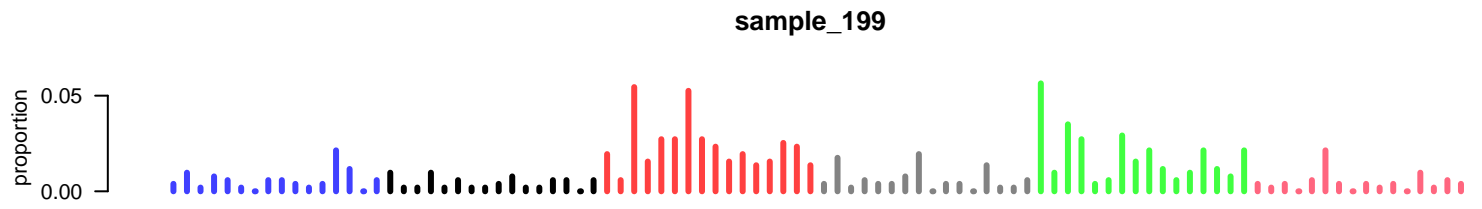
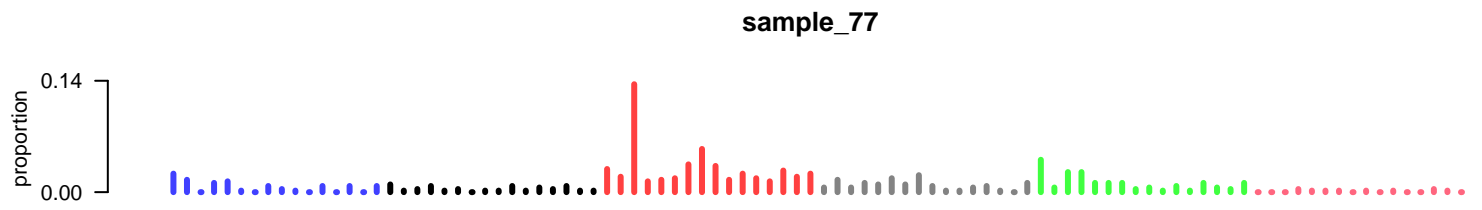
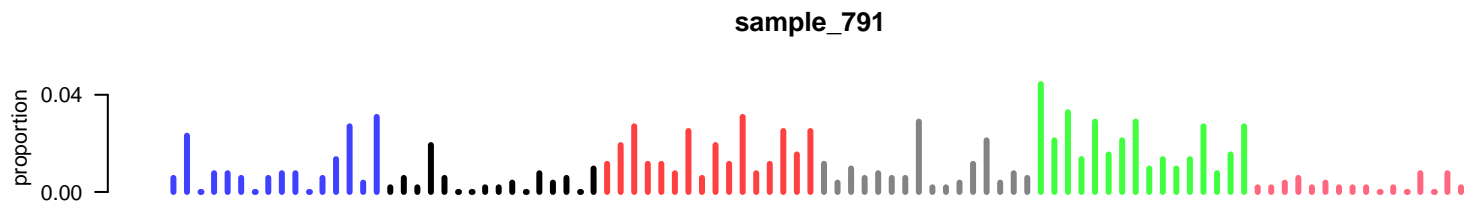
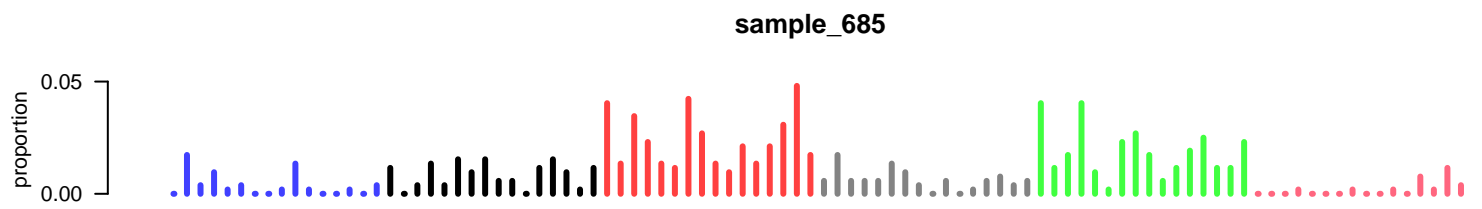


sample_229



sample_993





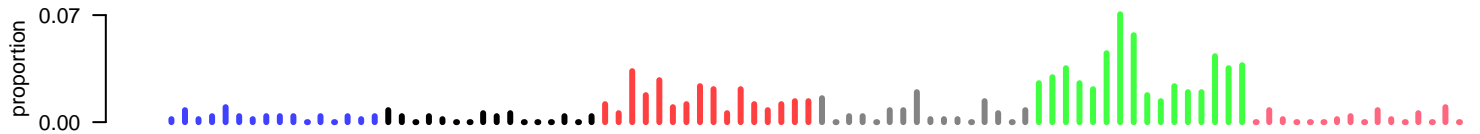
sample_800



sample_109



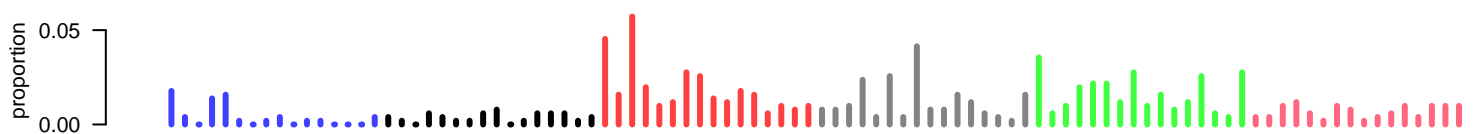
sample_583



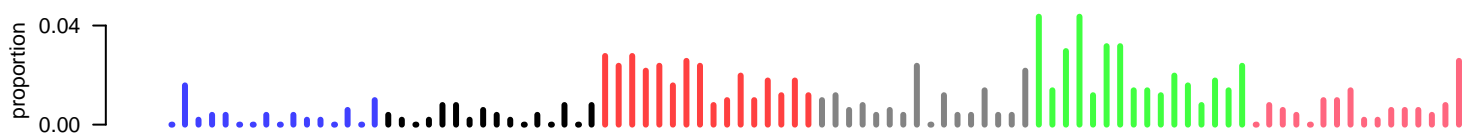
sample_177



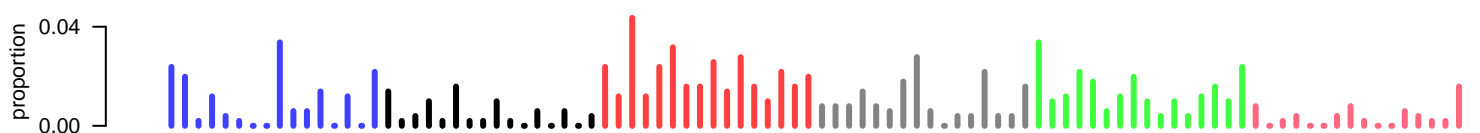
sample_6



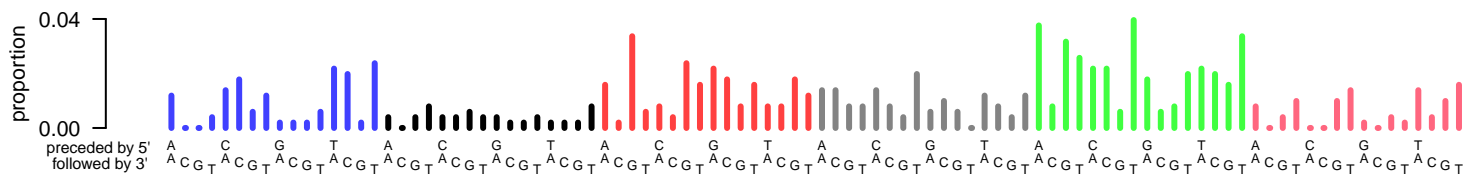
sample_344



sample_464



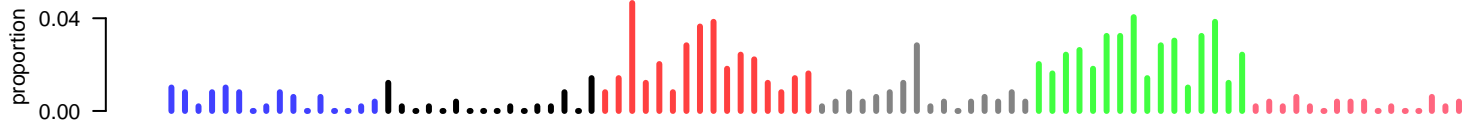
sample_712



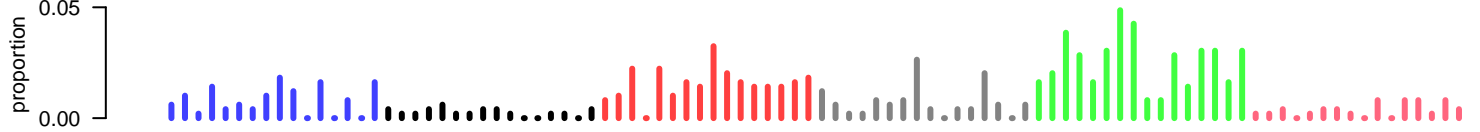
sample_803



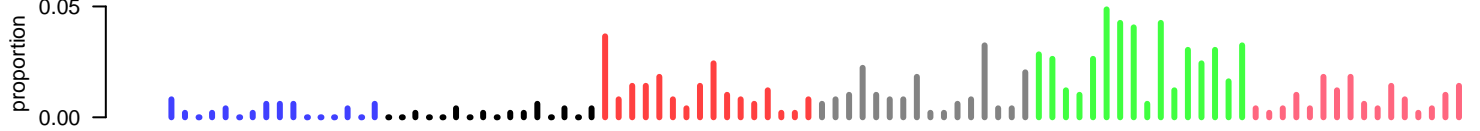
sample_811



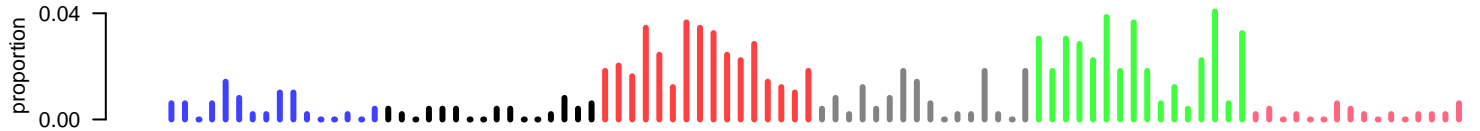
sample_143



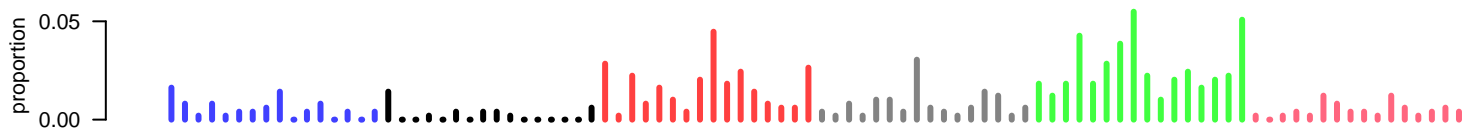
sample_298



sample_638



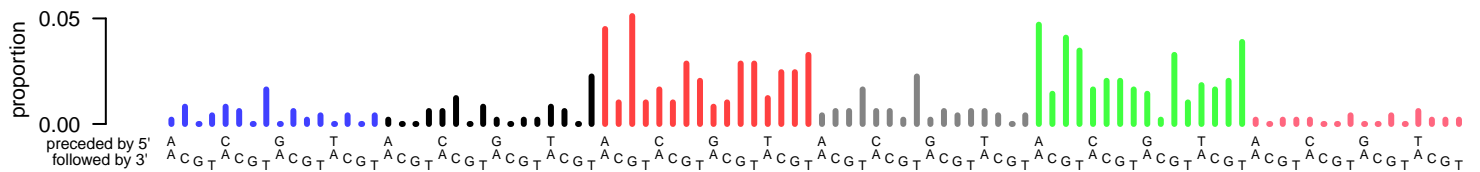
sample_702

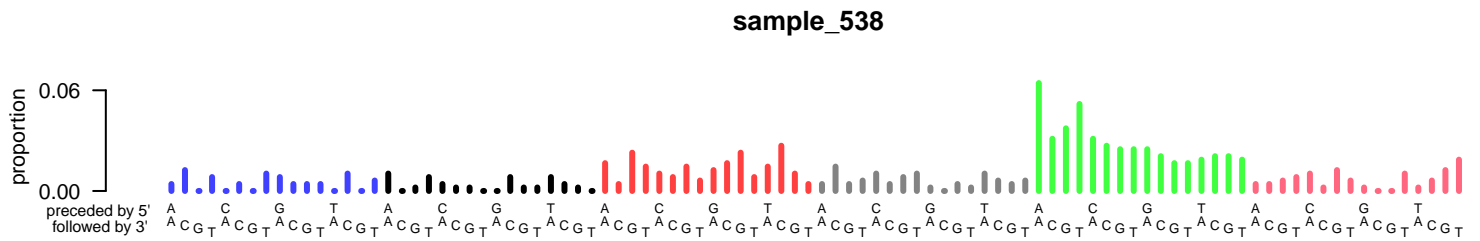
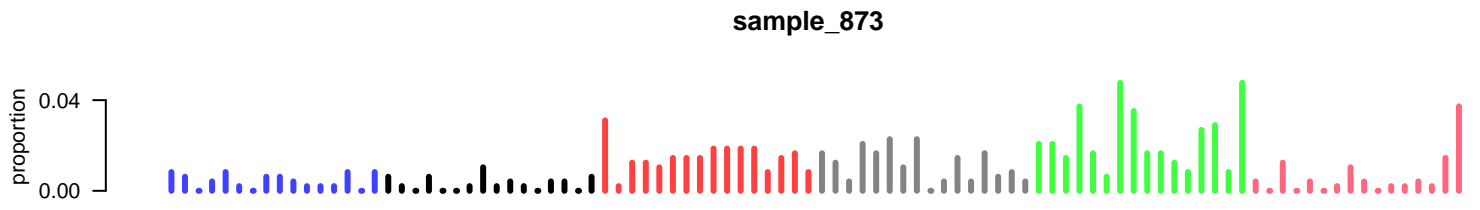
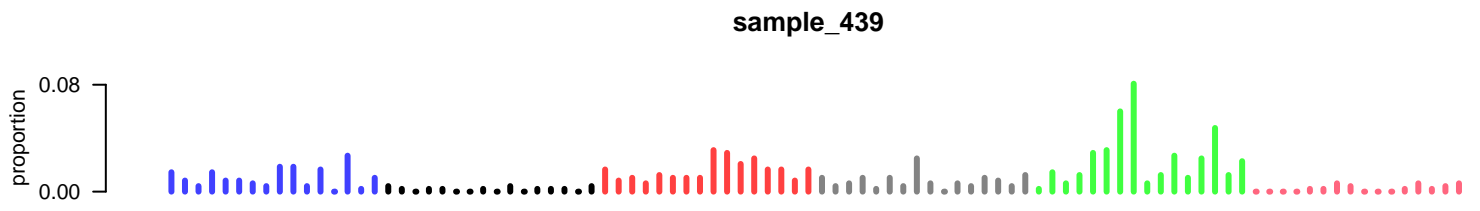
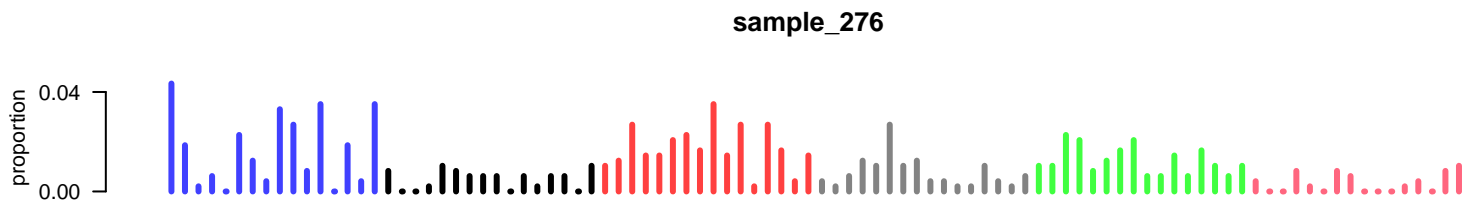
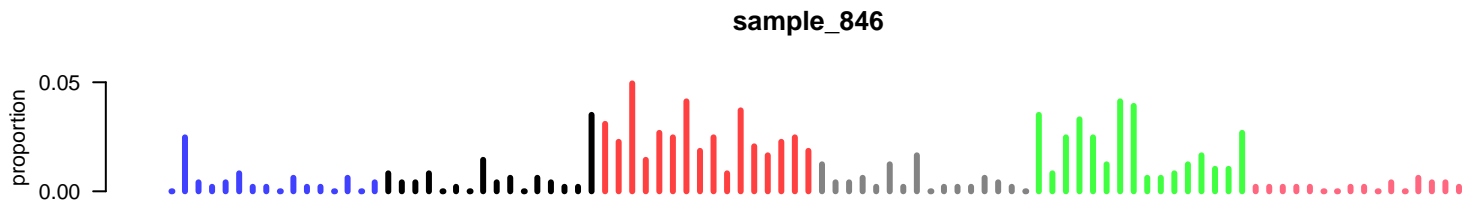
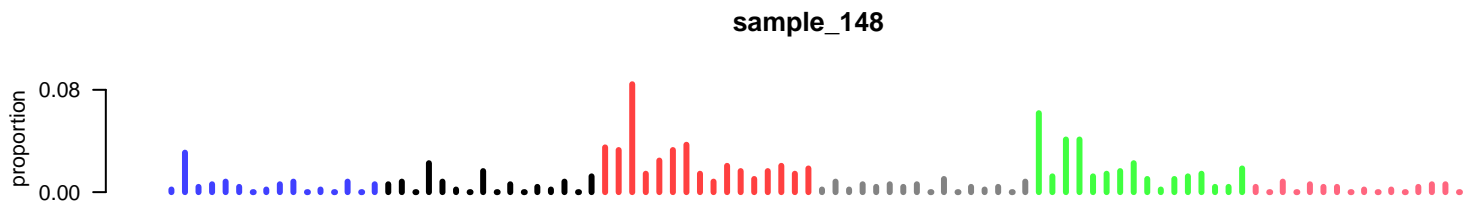
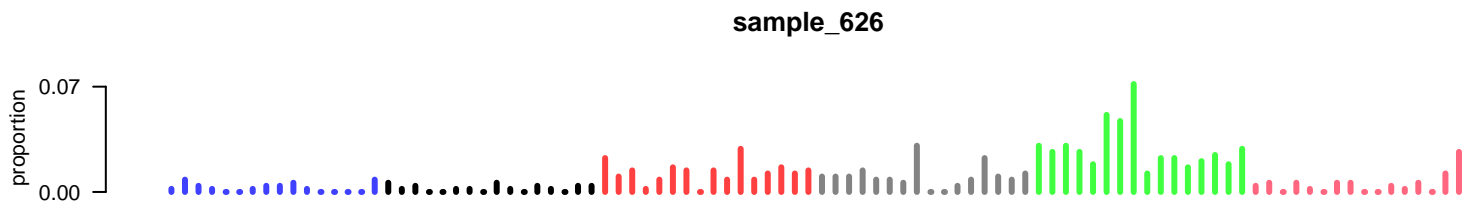
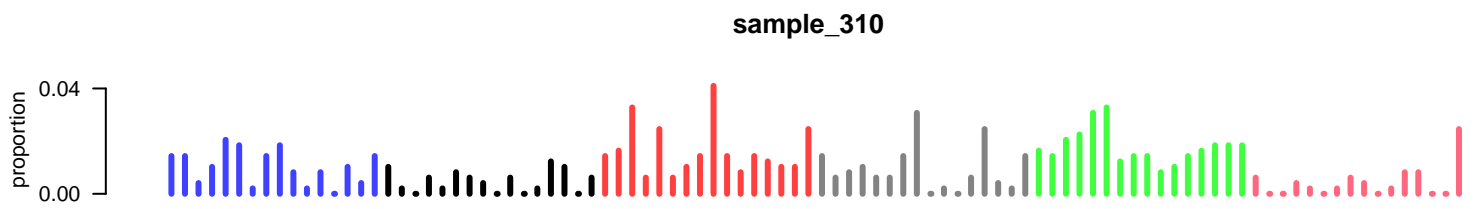


sample_34



sample_775





sample_175



sample_281



sample_741



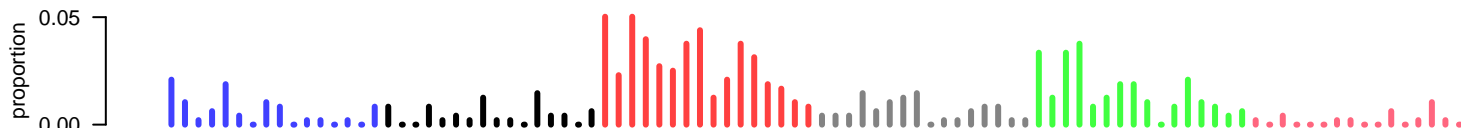
sample_635



sample_443



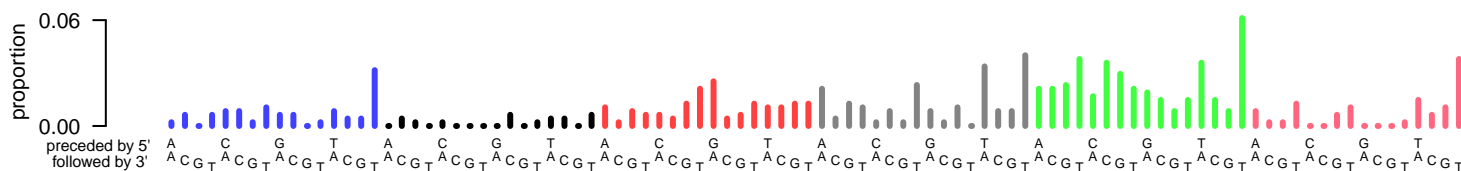
sample_549



sample_72



sample_843



sample_352



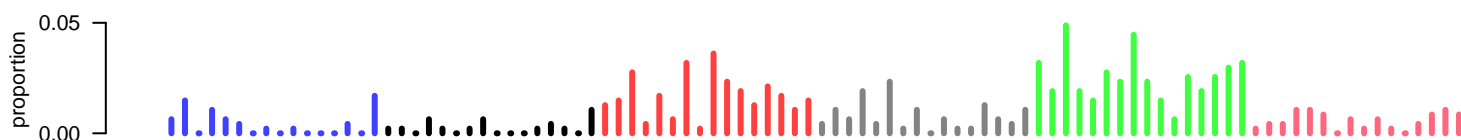
sample_740



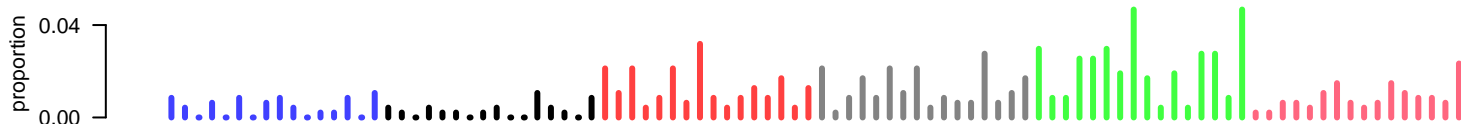
sample_779



sample_291



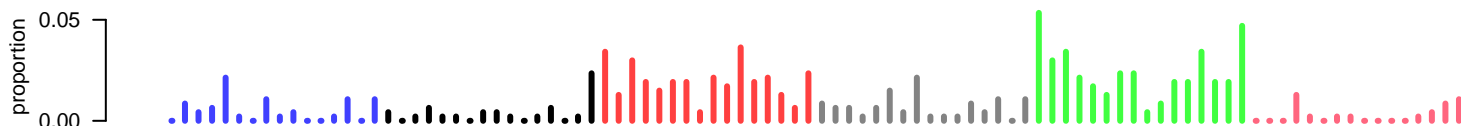
sample_713



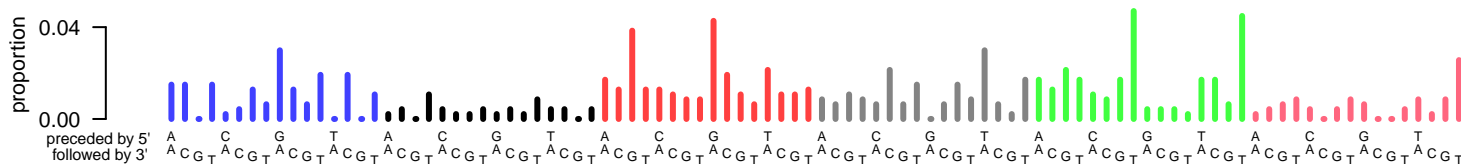
sample_431



sample_127



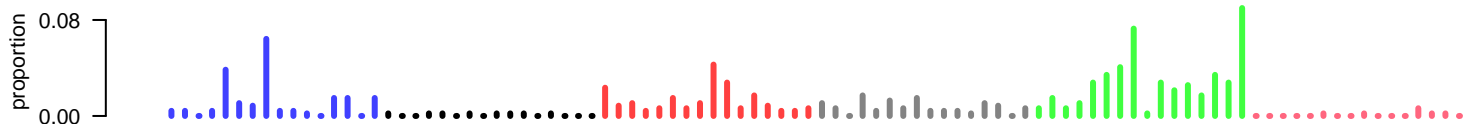
sample_448



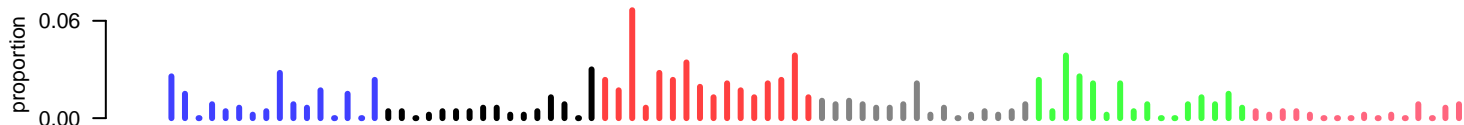
sample_246



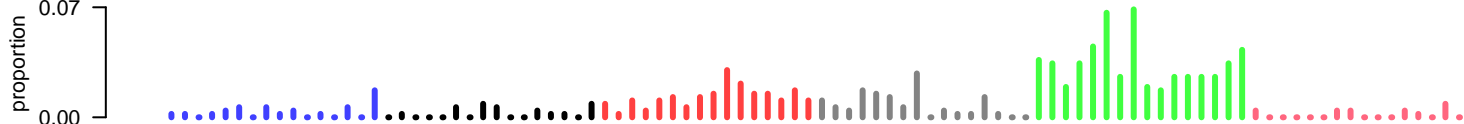
sample_442



sample_370



sample_636



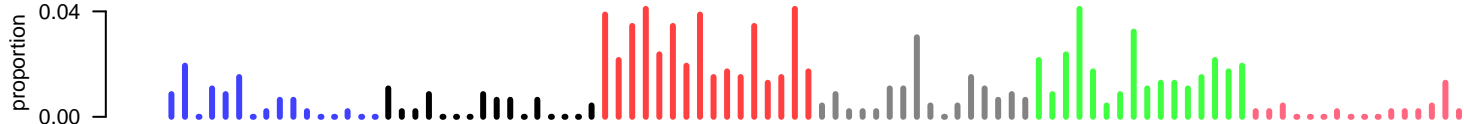
sample_726



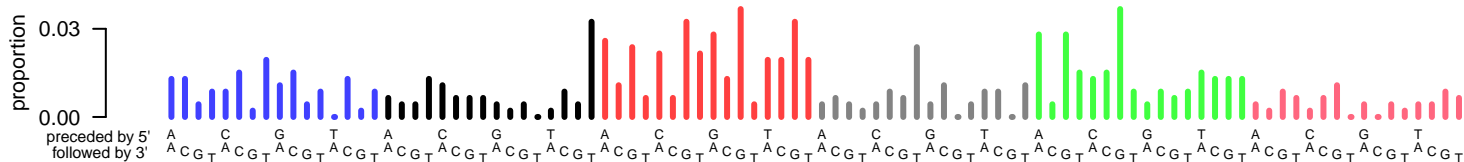
sample_823



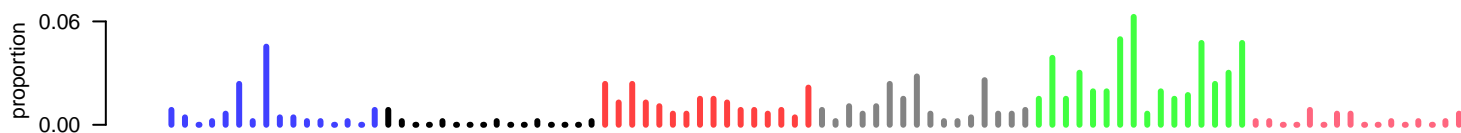
sample_17



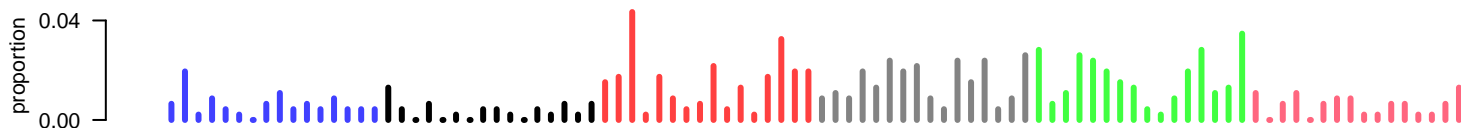
sample_26



sample_649



sample_121



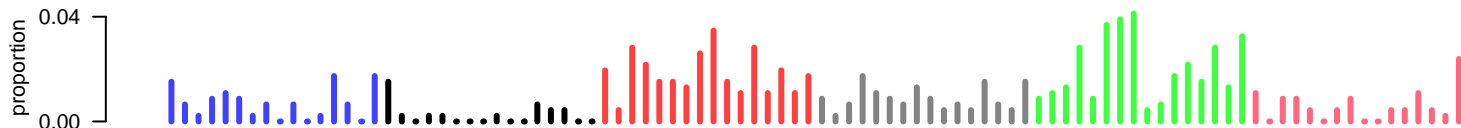
sample_438



sample_614



sample_62



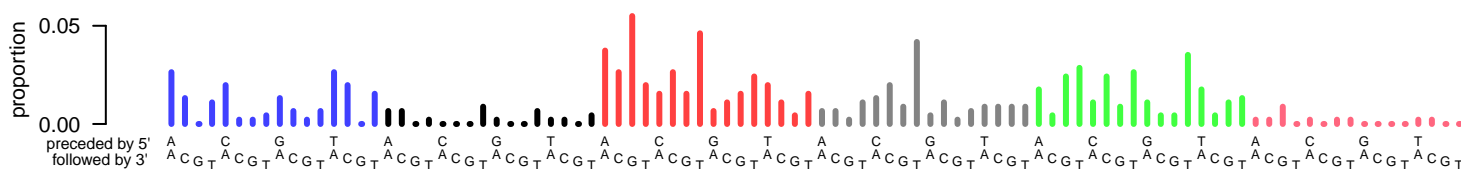
sample_828



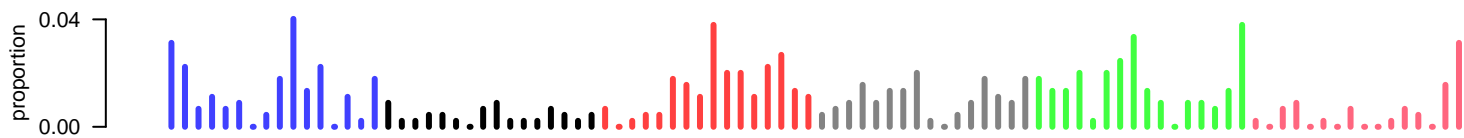
sample_938



sample_66



sample_604



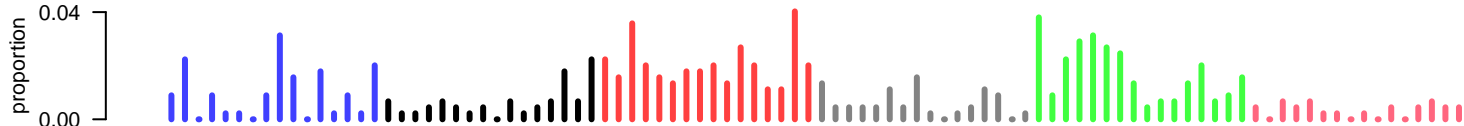
sample_287



sample_496



sample_617



sample_279



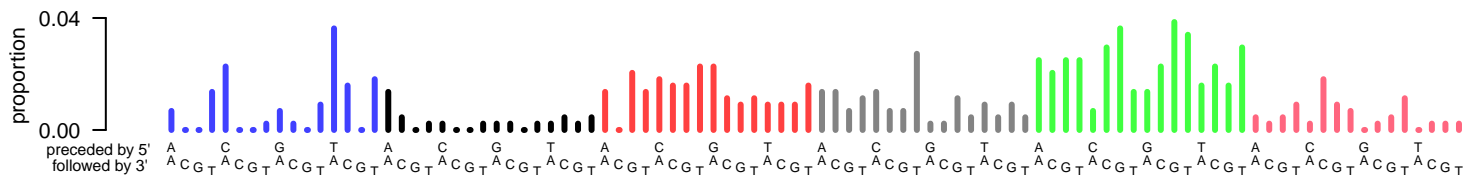
sample_699



sample_518



sample_526



sample_585



sample_541



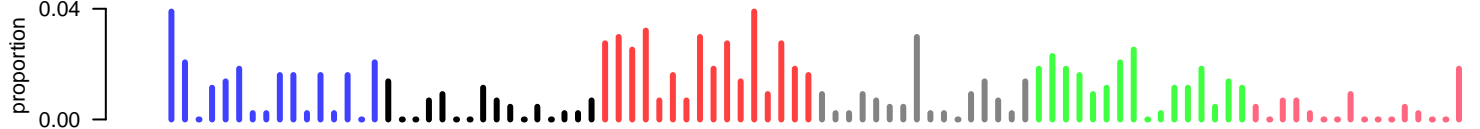
sample_558



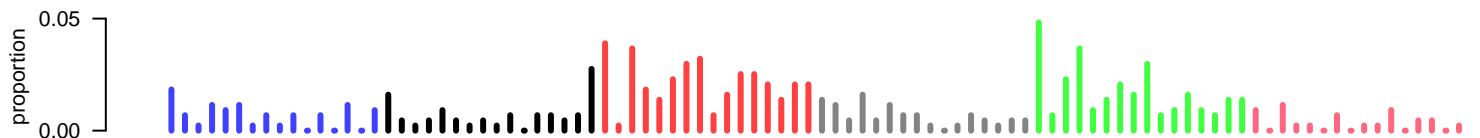
sample_837



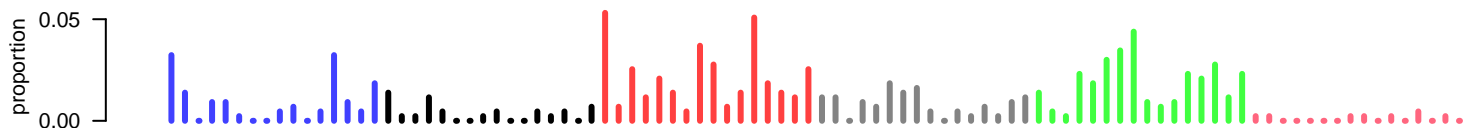
sample_133



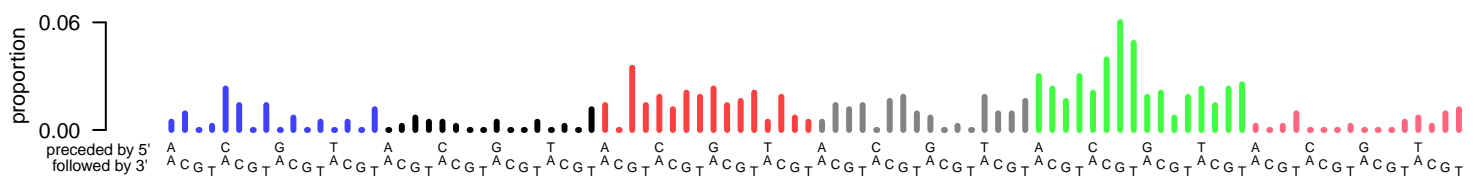
sample_74

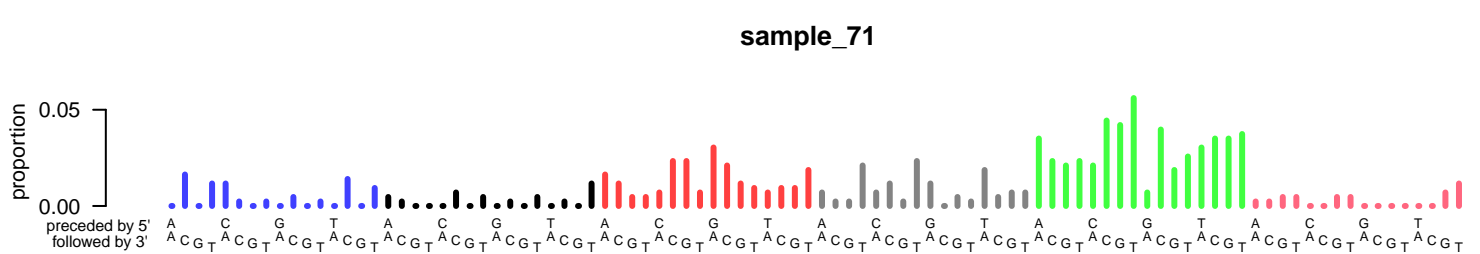
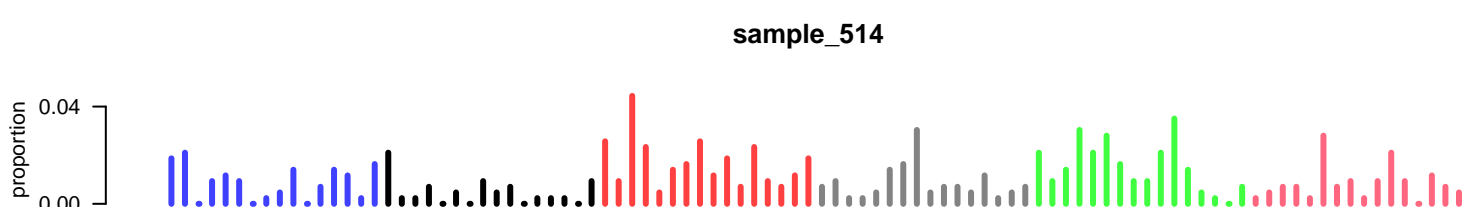
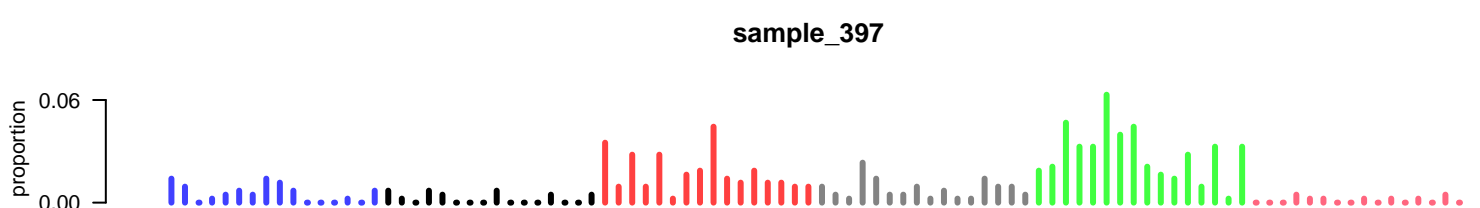
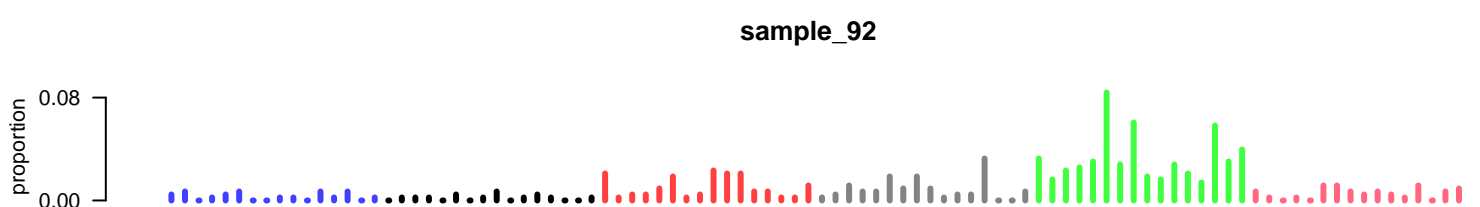
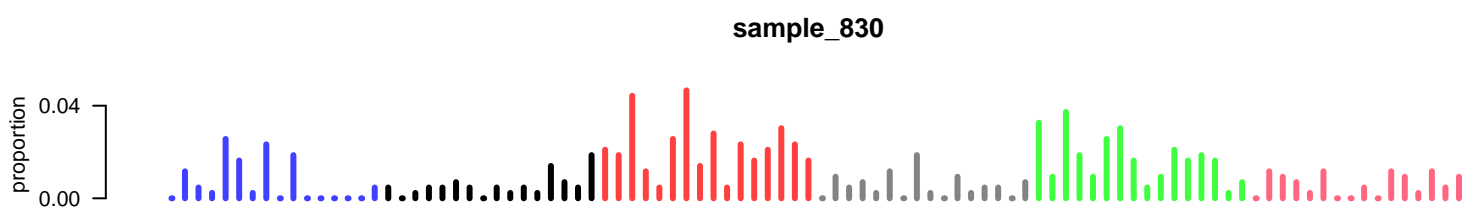
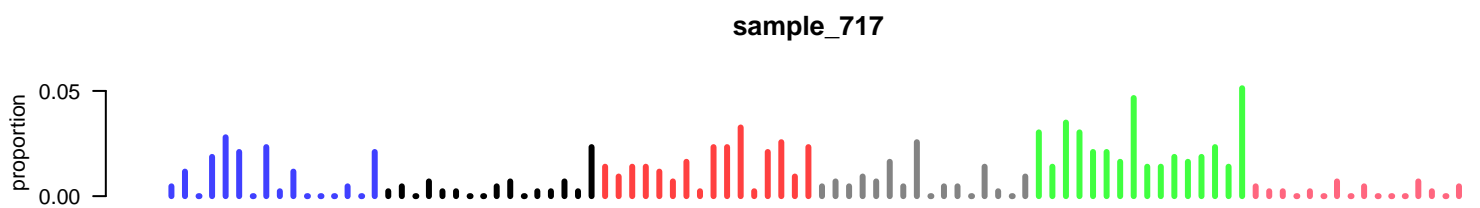
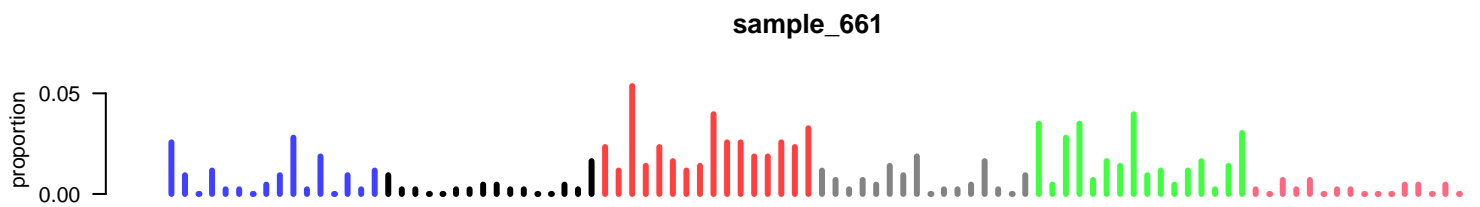
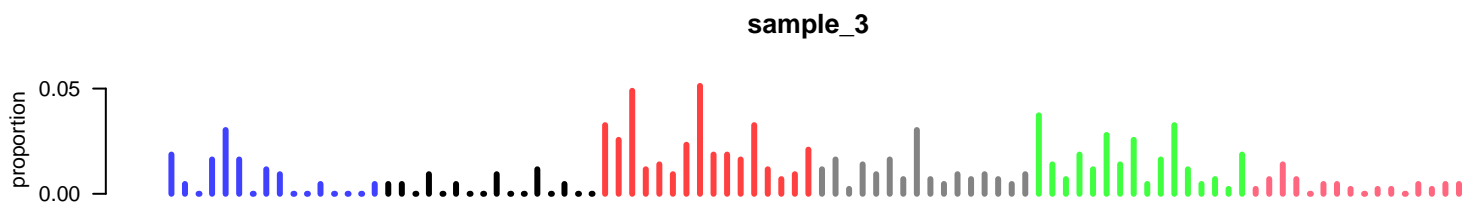


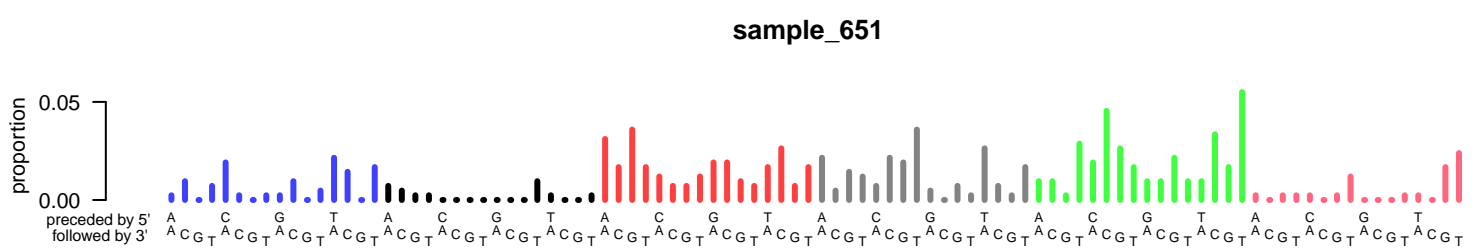
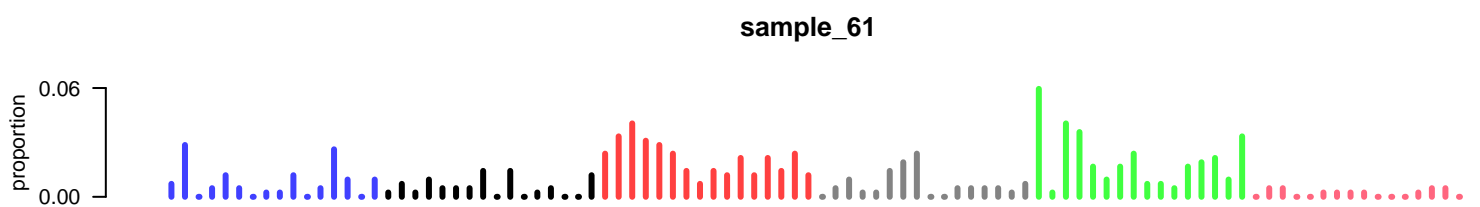
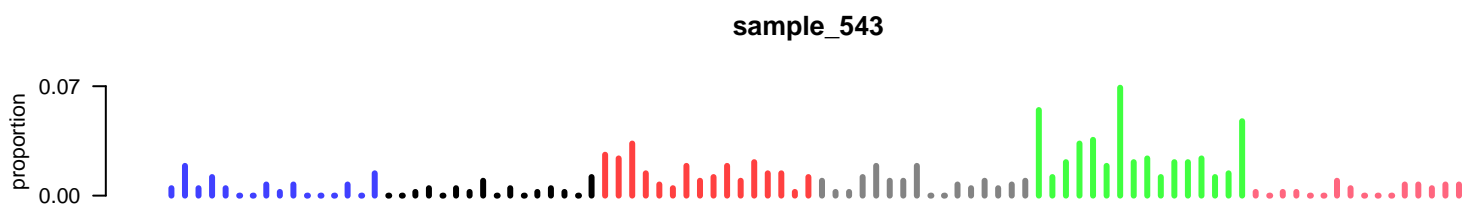
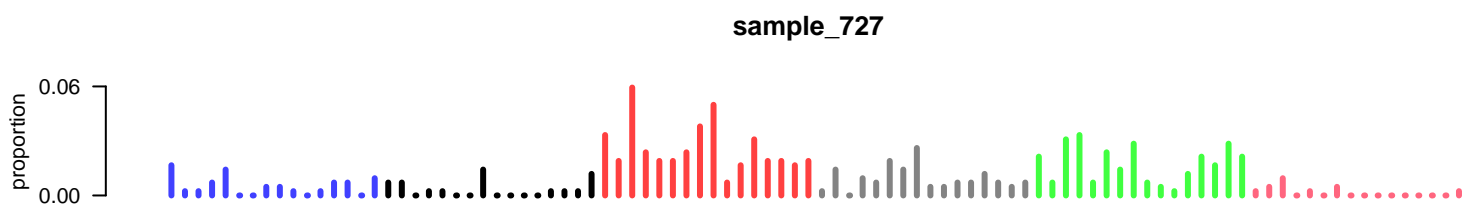
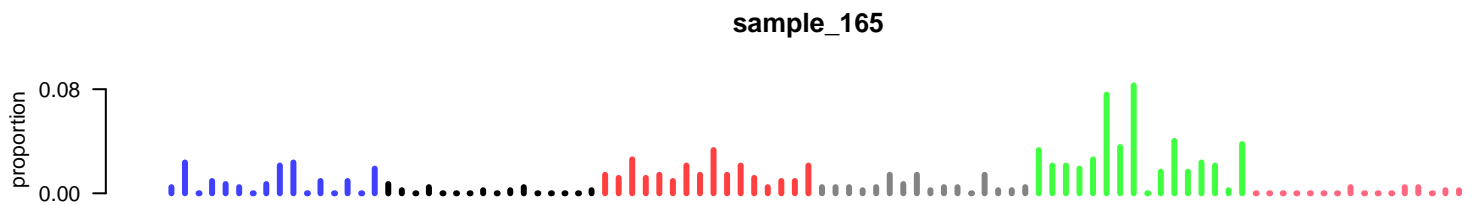
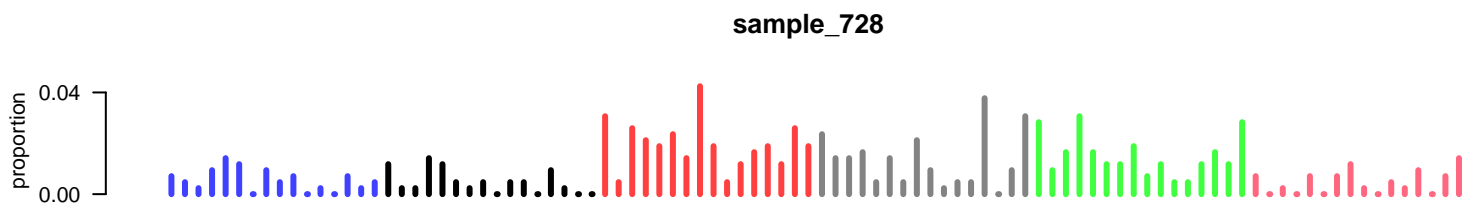
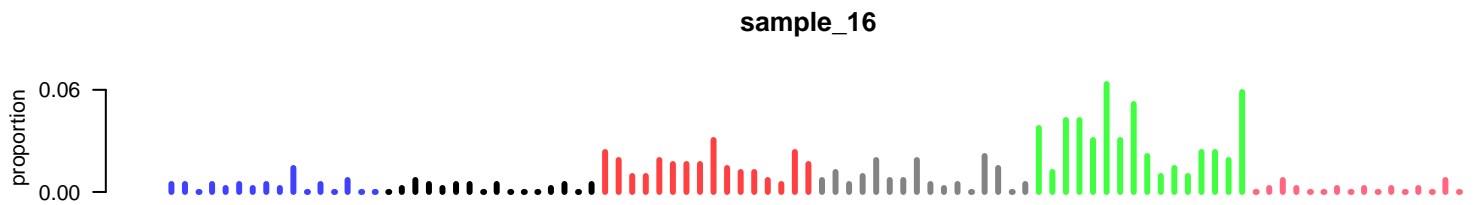
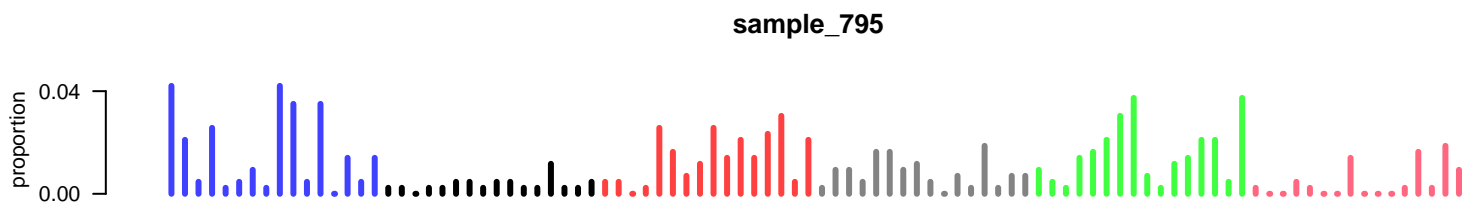
sample_965



sample_147



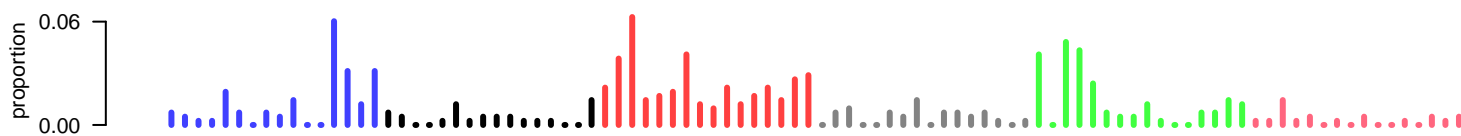




sample_556



sample_864



sample_123



sample_971



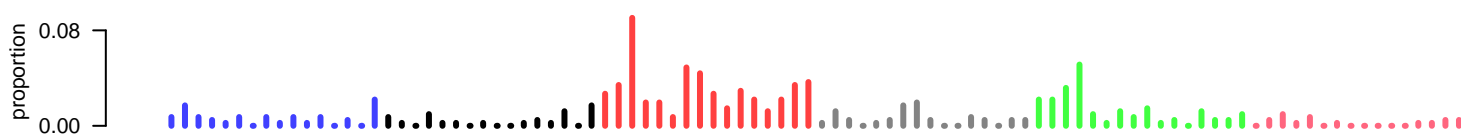
sample_108



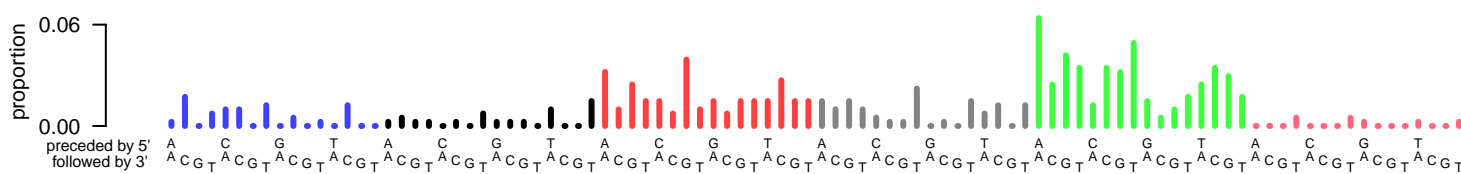
sample_24



sample_692



sample_590



sample_819



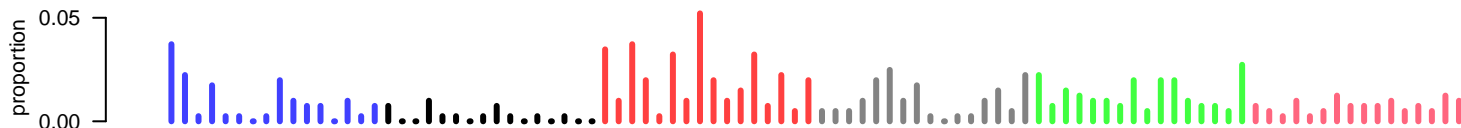
sample_618



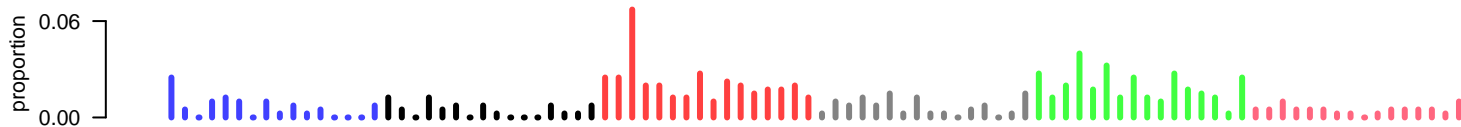
sample_998



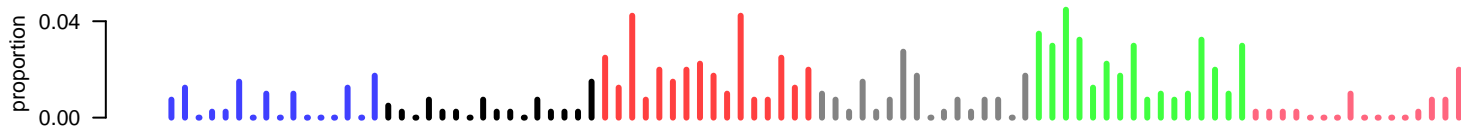
sample_506



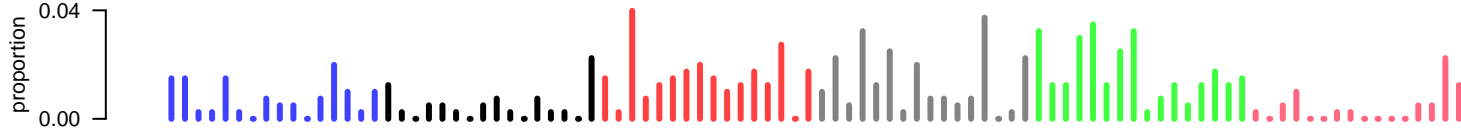
sample_326



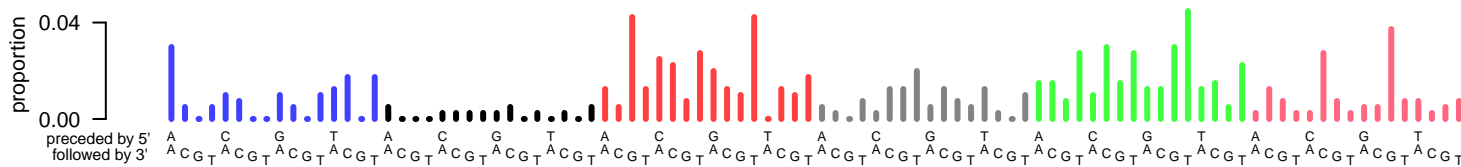
sample_839



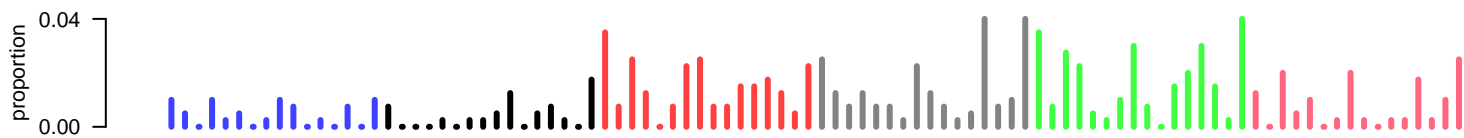
sample_877



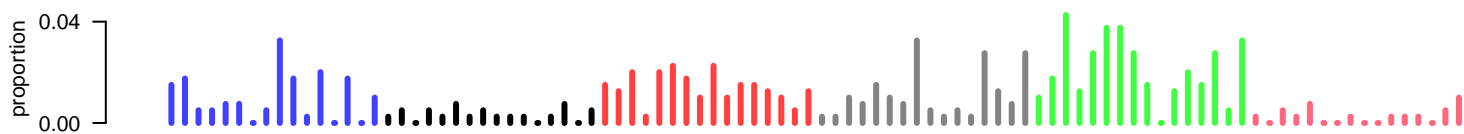
sample_908



sample_697



sample_719



sample_292



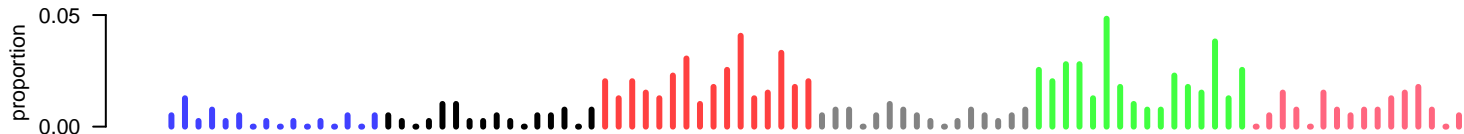
sample_644



sample_40



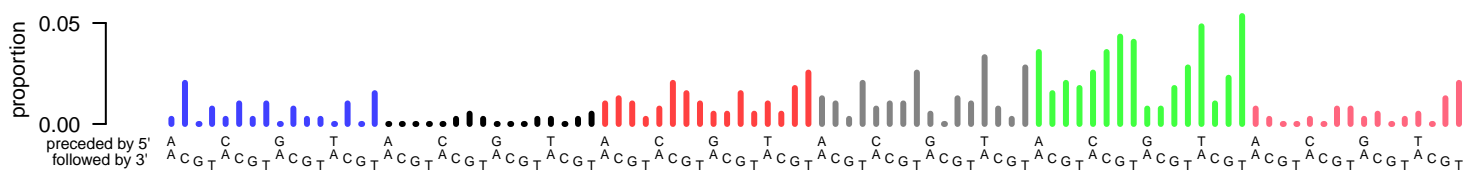
sample_295



sample_327



sample_358



sample_854



sample_899



sample_30



sample_467



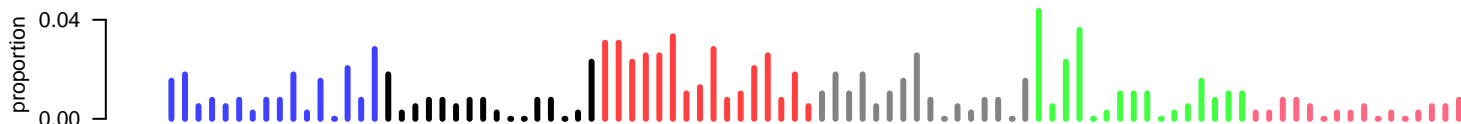
sample_951



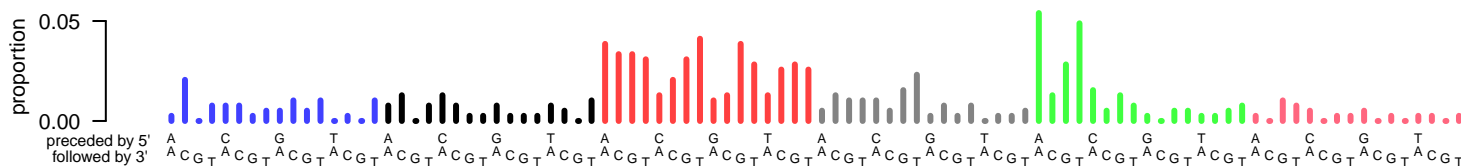
sample_714



sample_90



sample_516



sample_782



sample_487



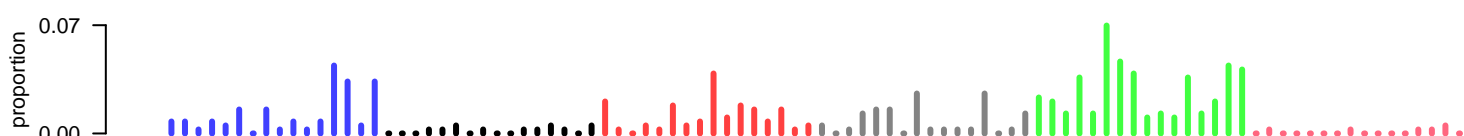
sample_932



sample_297



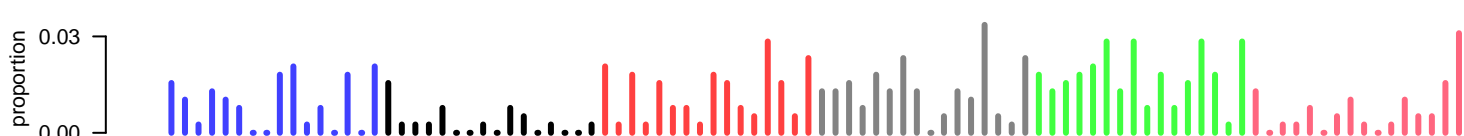
sample_299



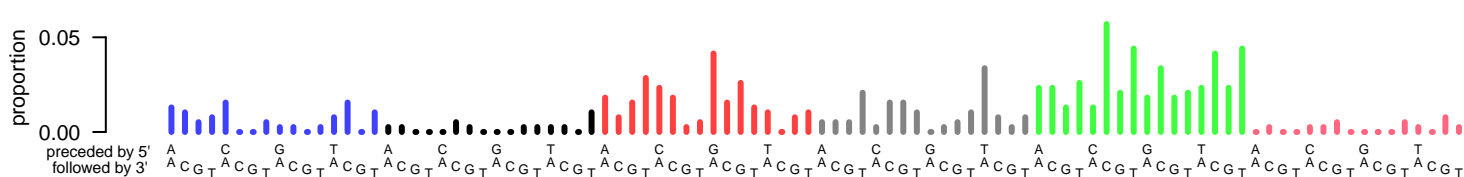
sample_321



sample_925



sample_130



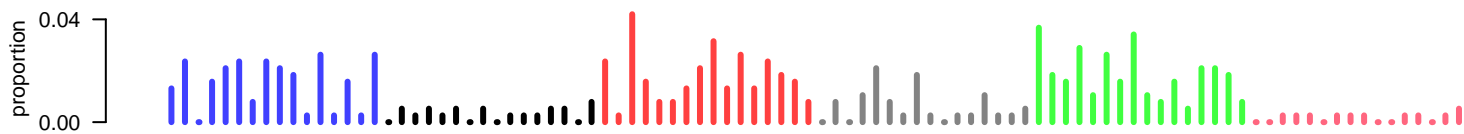
sample_747



sample_946



sample_269



sample_525



sample_975



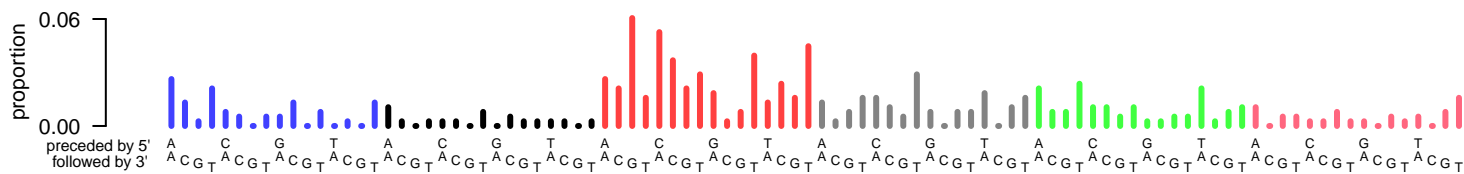
sample_301



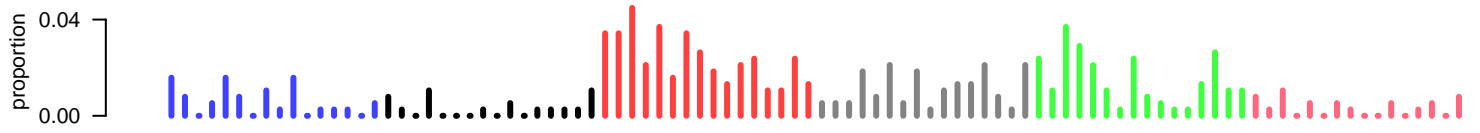
sample_444



sample_568



sample_619



sample_725



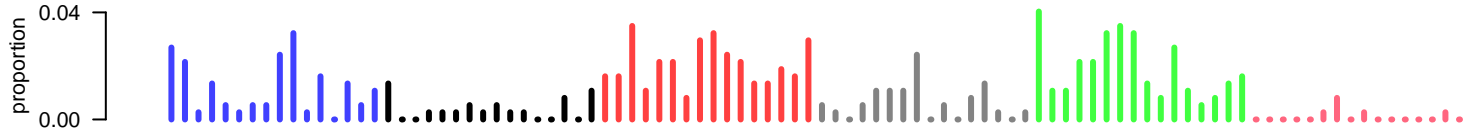
sample_662



sample_185



sample_46



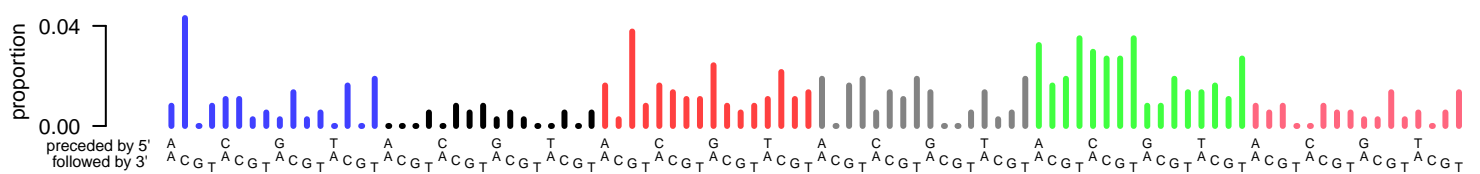
sample_781

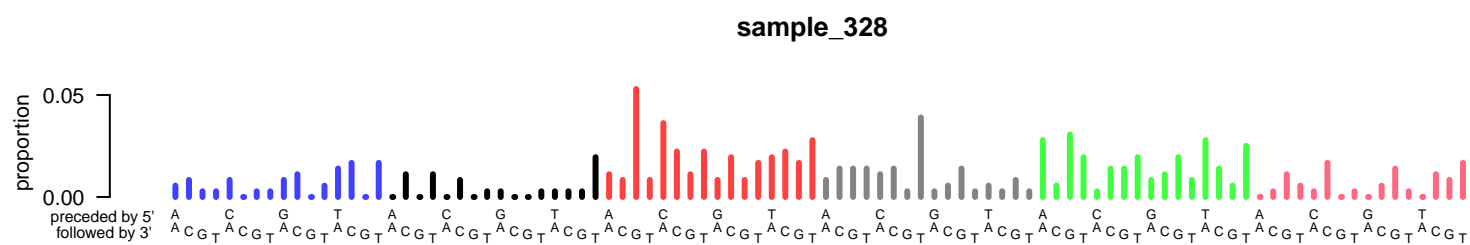
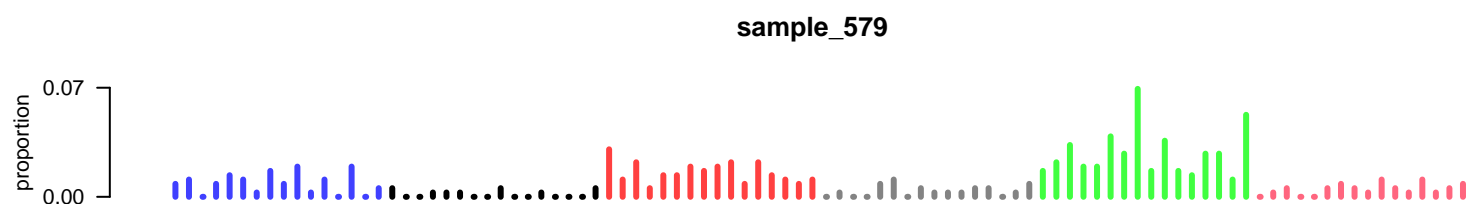
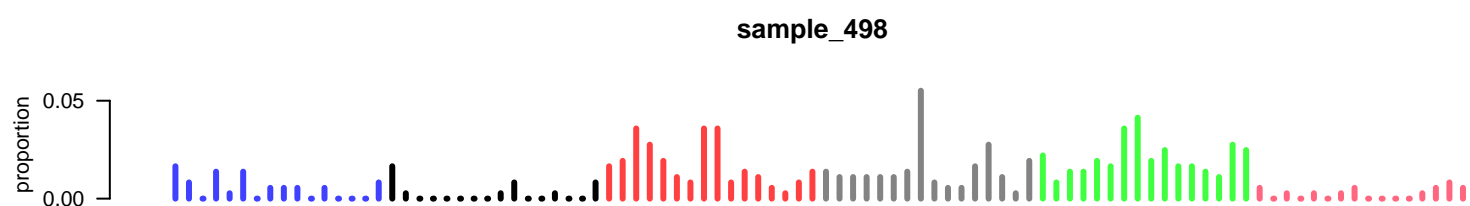
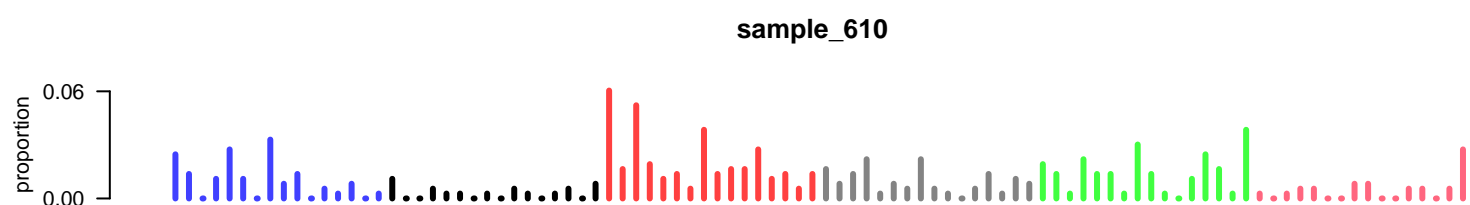
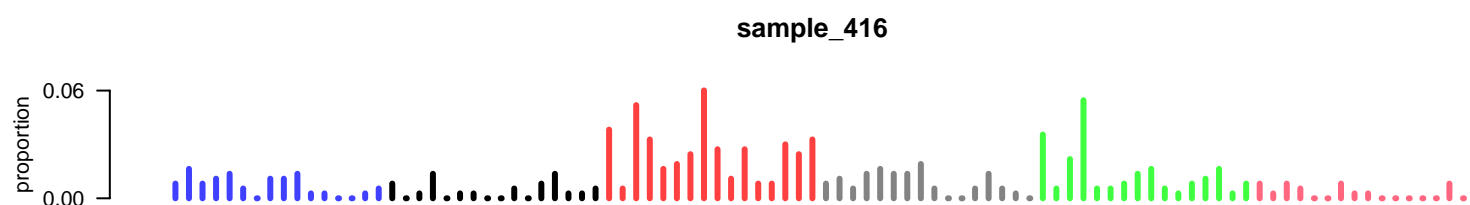
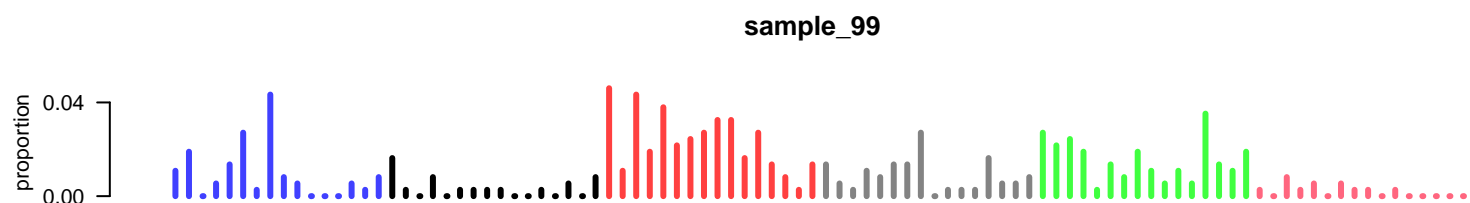
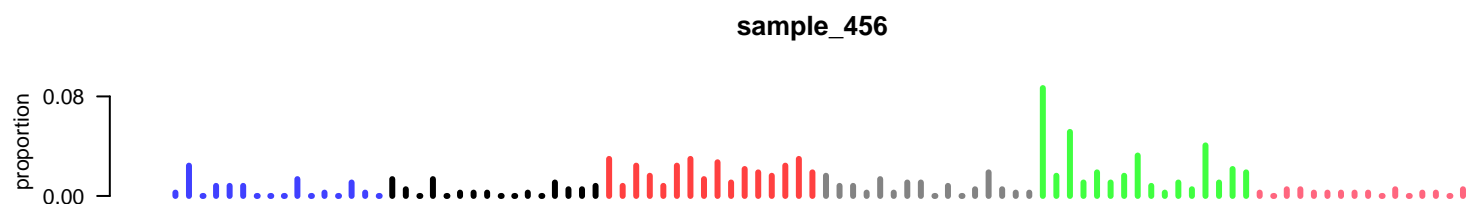
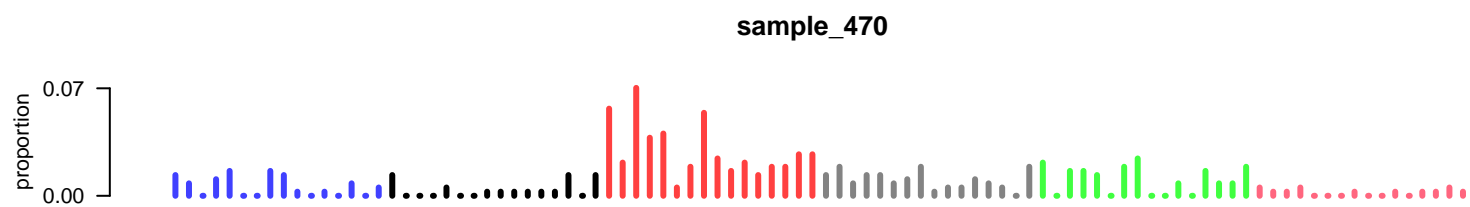


sample_999



sample_505





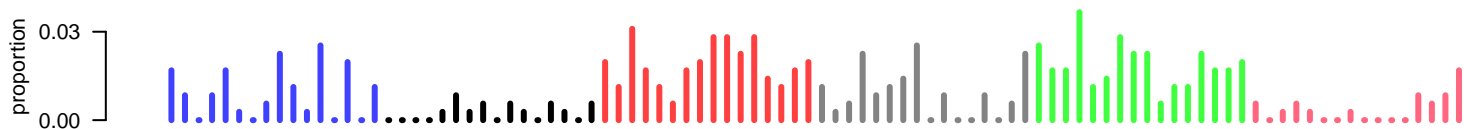
sample_307



sample_322



sample_689



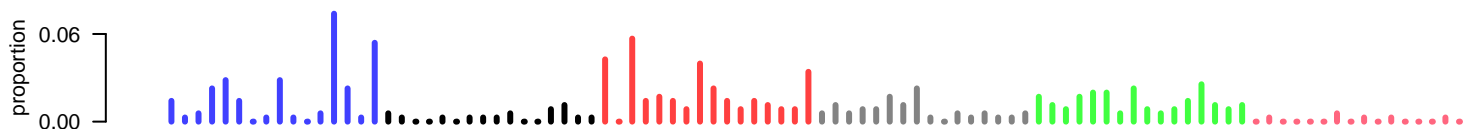
sample_882



sample_79



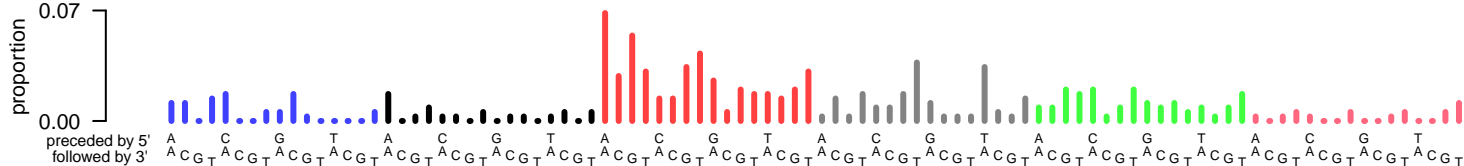
sample_161



sample_695



sample_755



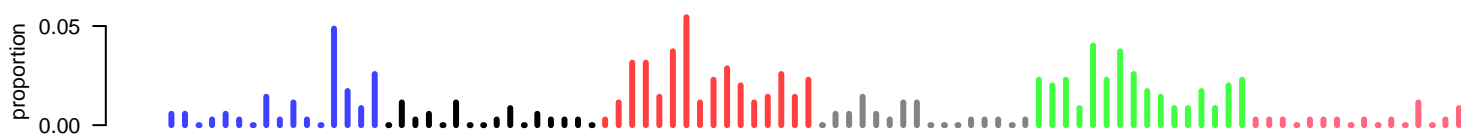
sample_132



sample_272



sample_718



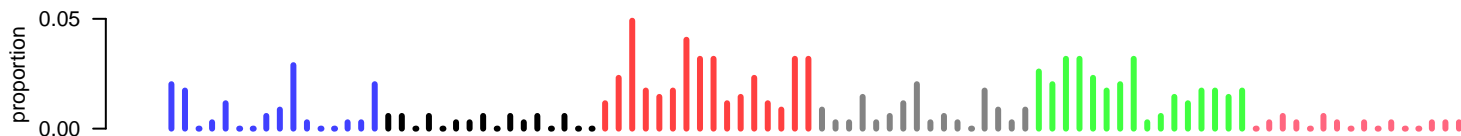
sample_348



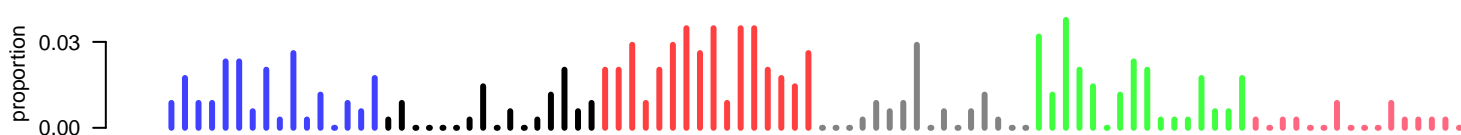
sample_822



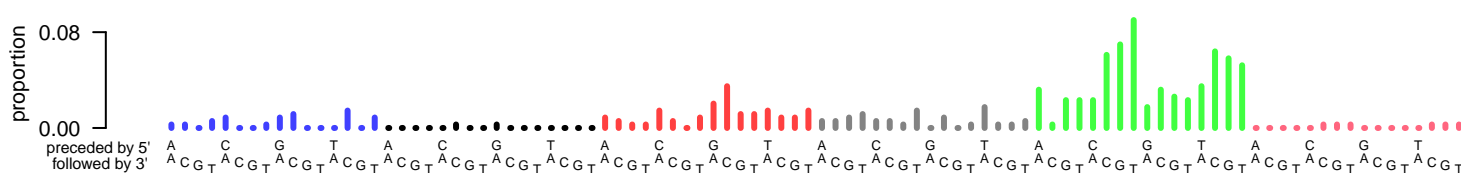
sample_407



sample_976



sample_671



sample_110



sample_31



sample_920



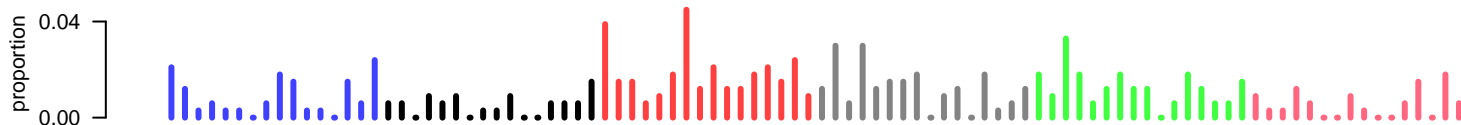
sample_191



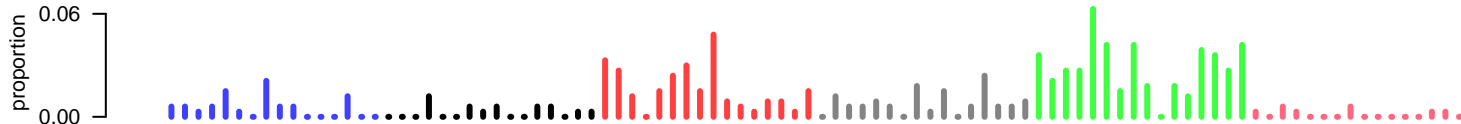
sample_905



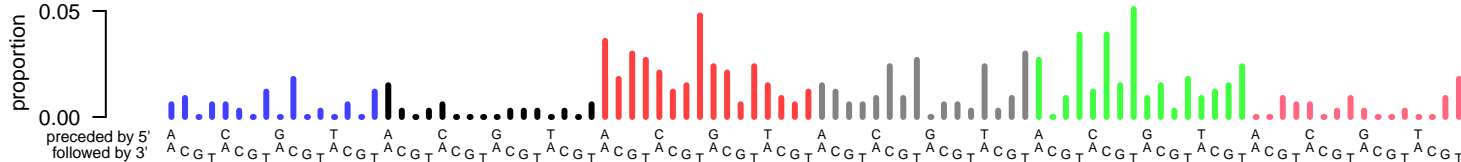
sample_332



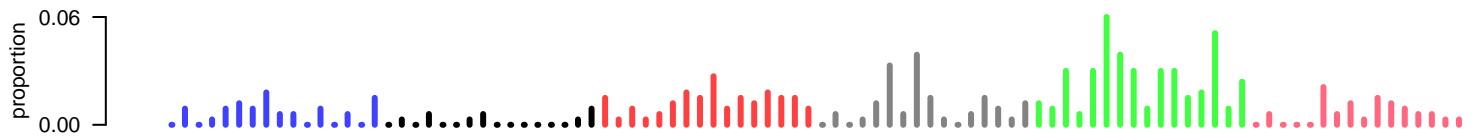
sample_577



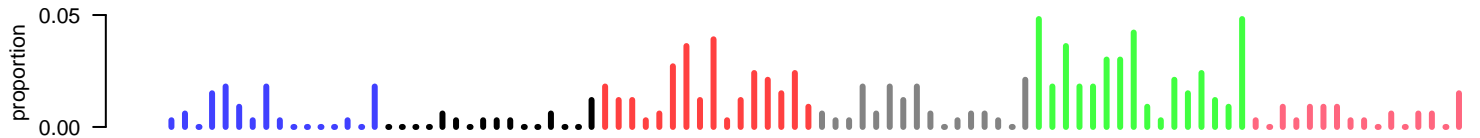
sample_642



sample_44



sample_801



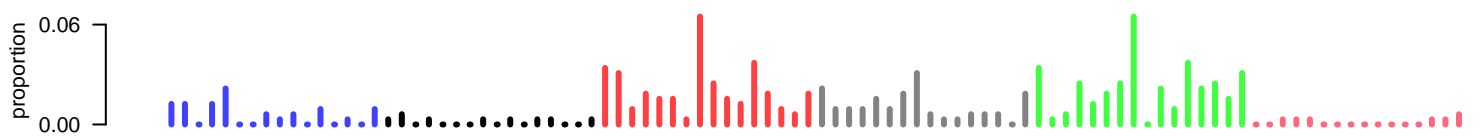
sample_23



sample_530



sample_737



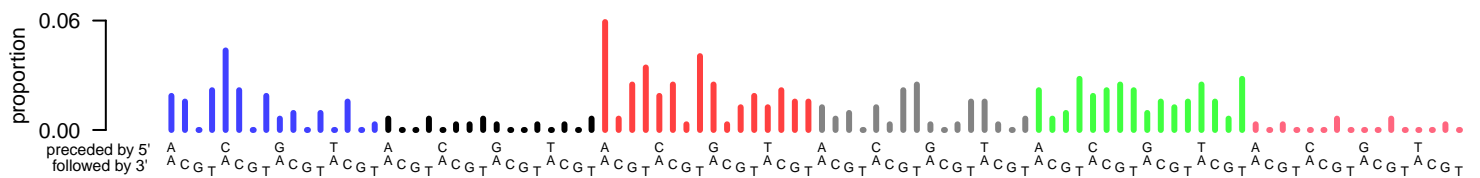
sample_393



sample_639



sample_286



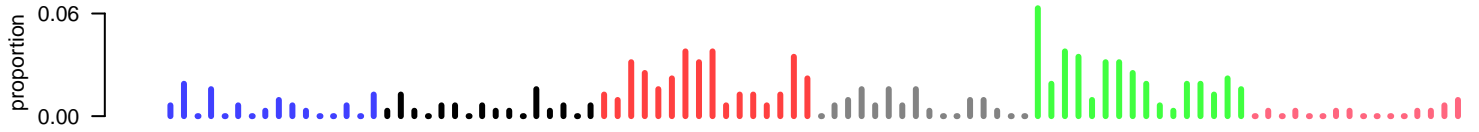
sample_211



sample_749



sample_647



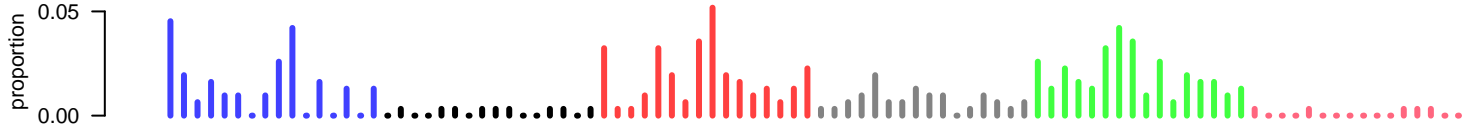
sample_512



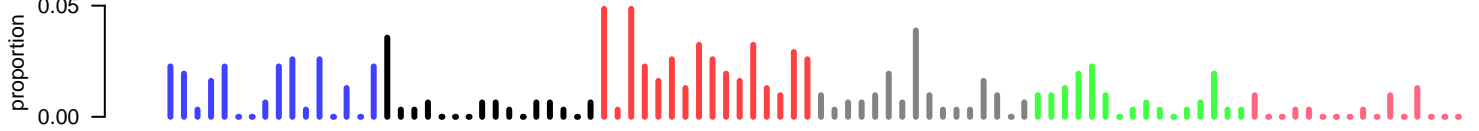
sample_528



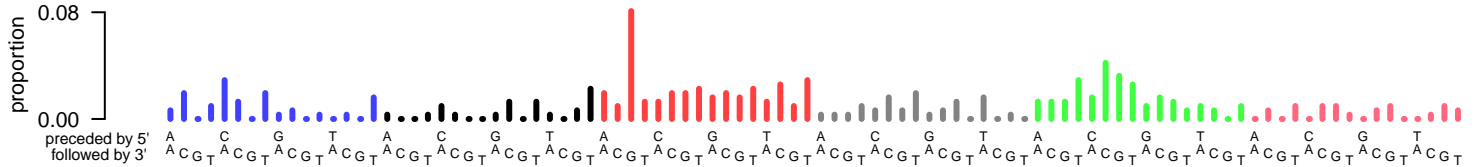
sample_268



sample_450



sample_668



sample_813



sample_988



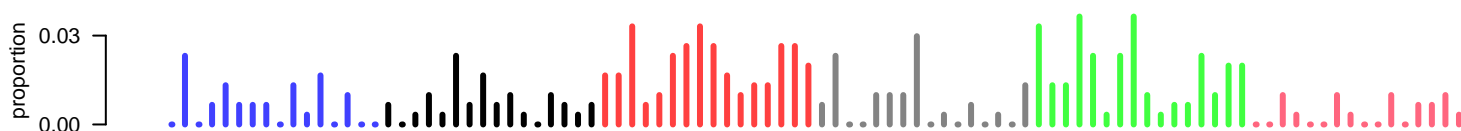
sample_413



sample_650



sample_455



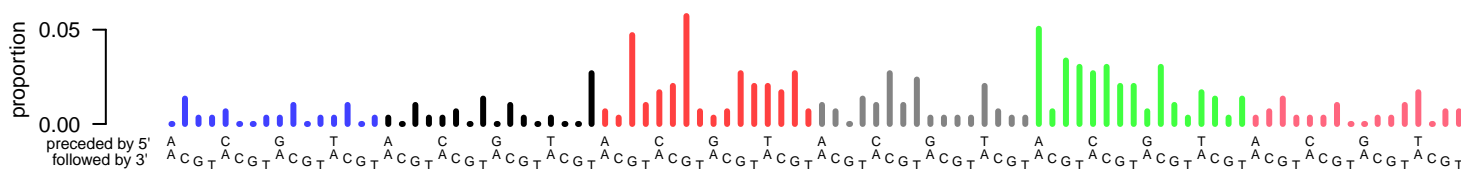
sample_994



sample_869



sample_340



sample_623



sample_214



sample_915



sample_390



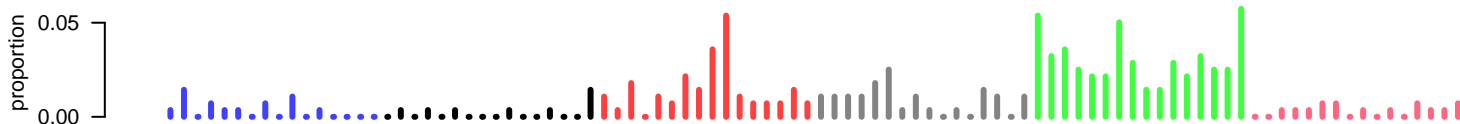
sample_829



sample_107



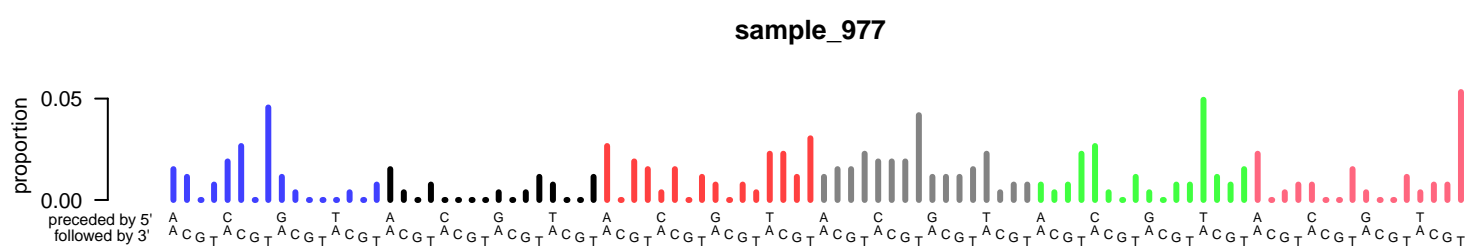
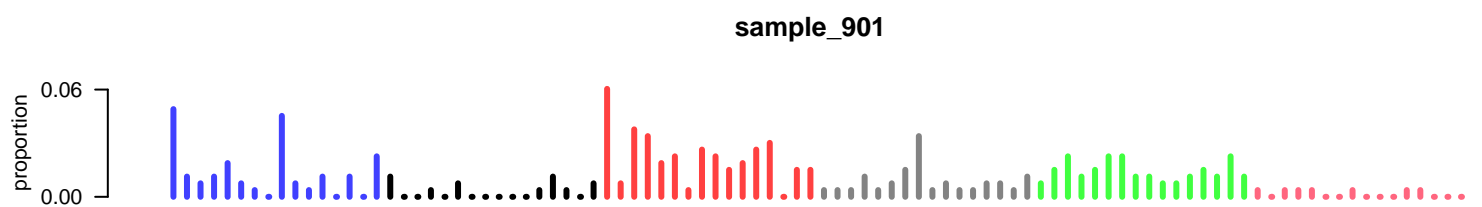
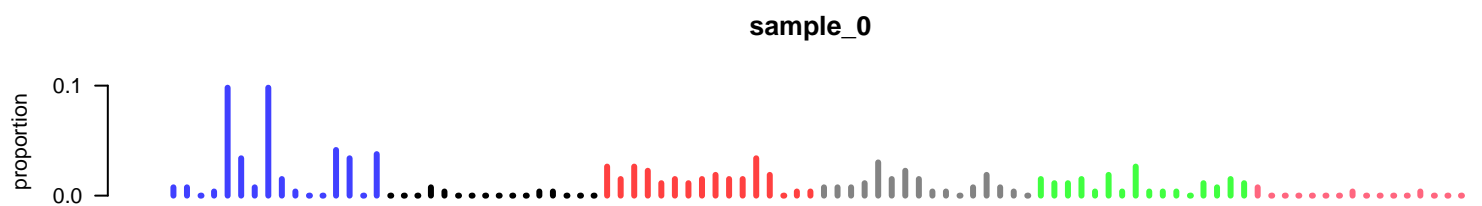
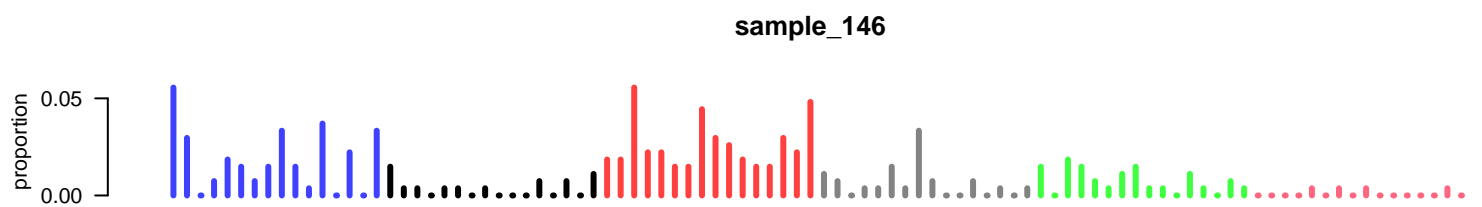
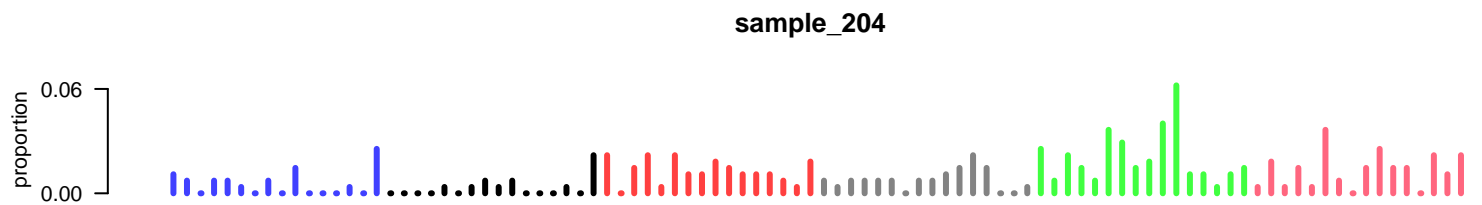
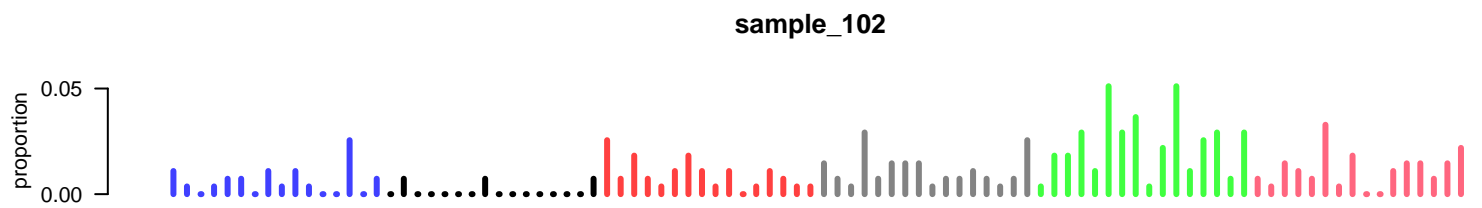
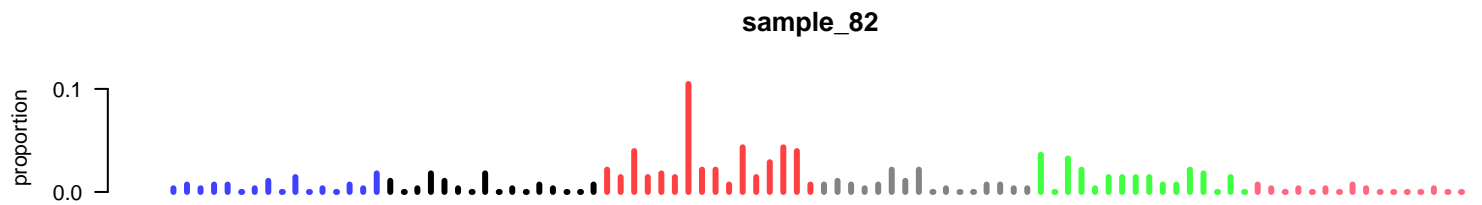
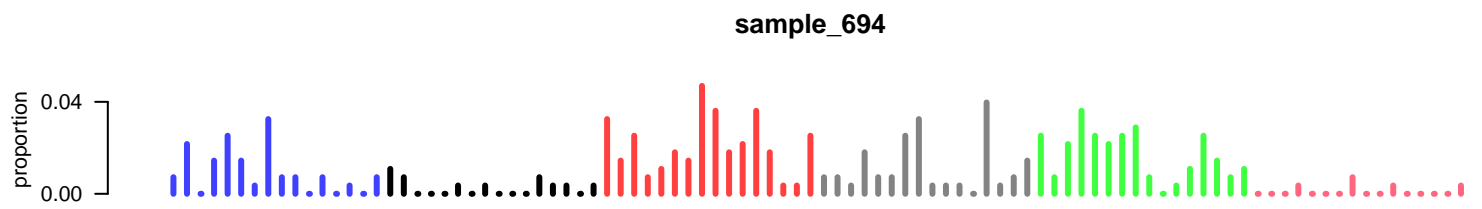
sample_884



sample_478



preceded by 5' followed by 3'



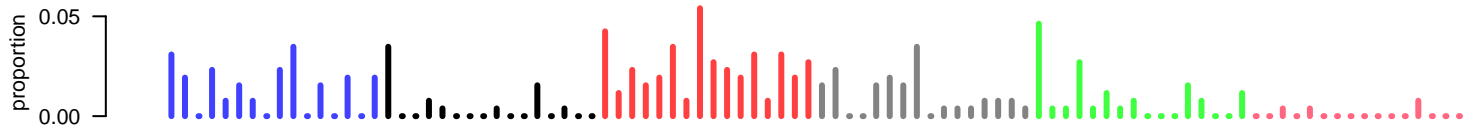
sample_900



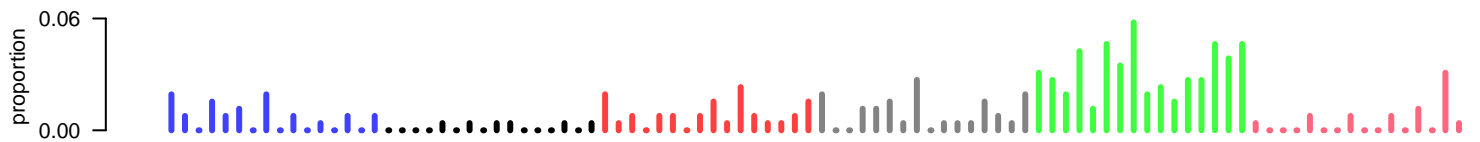
sample_426



sample_81



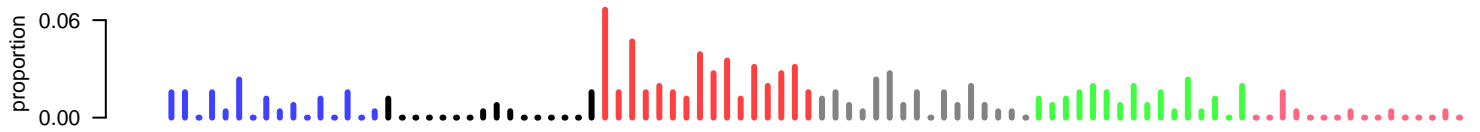
sample_848



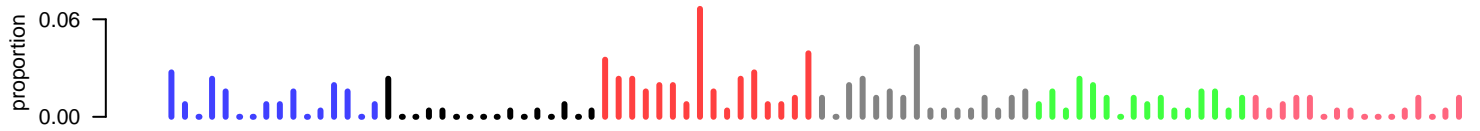
sample_154



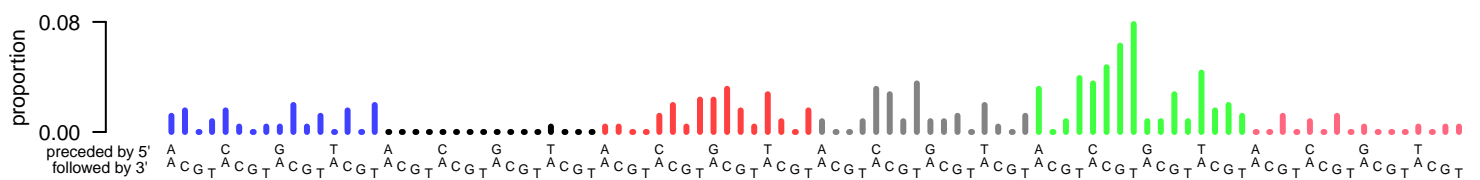
sample_563



sample_629



sample_418



sample_546



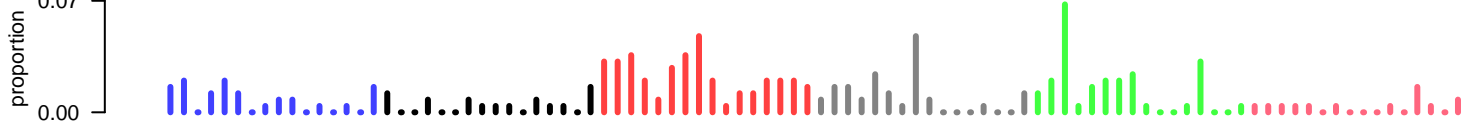
sample_806



sample_459



sample_531



sample_230



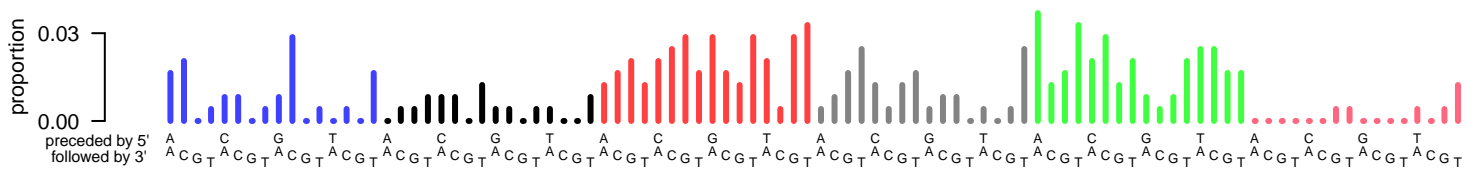
sample_616



sample_315



sample_886



sample_225



sample_78



sample_357



sample_248



sample_2



sample_766



sample_180



sample_384

