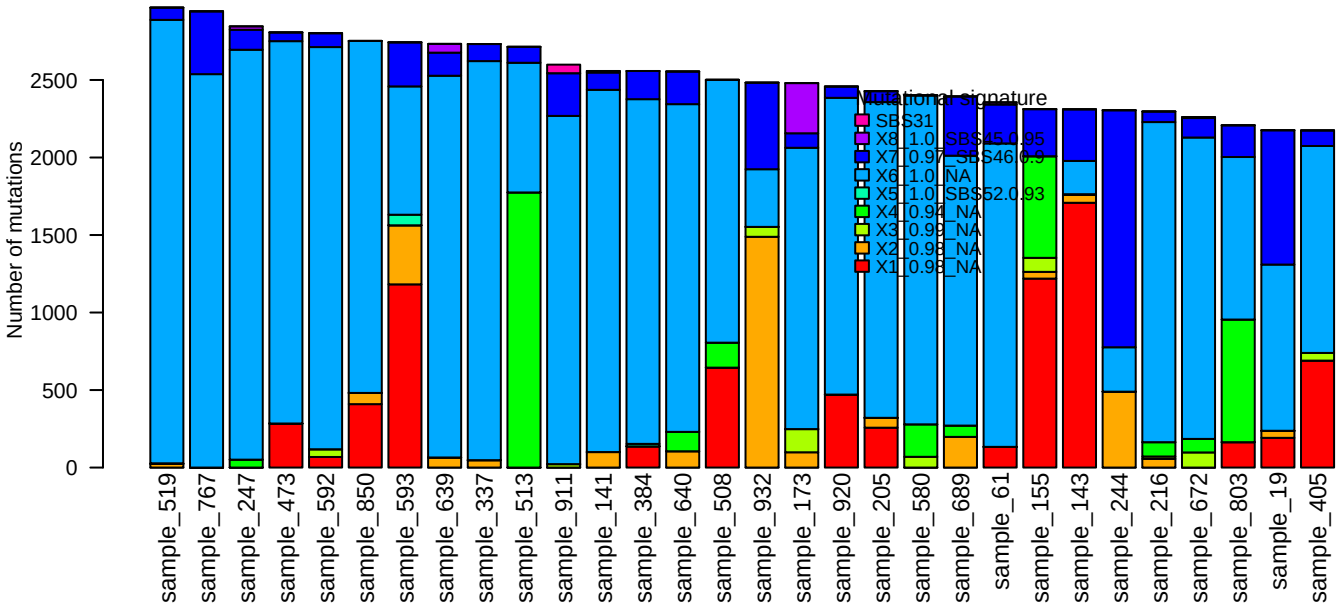
Number of mutations
0
500
1000
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Mutational signature
SBS31
X8_1.0_SBS45
X7_0.97_SBS46
X6_1.0_NA
X5_1.0_SBS52
X4_0.94_NA
X3_0.99_NA
X2_0.98_NA
X1_0.98_NA
sample_519
sample_767
sample_247
sample_473
sample_592
sample_850
sample_593
sample_639
sample_337
sample_513
sample_911
sample_141
sample_384
sample_640
sample_508
sample_932
sample_173
sample_920
sample_205
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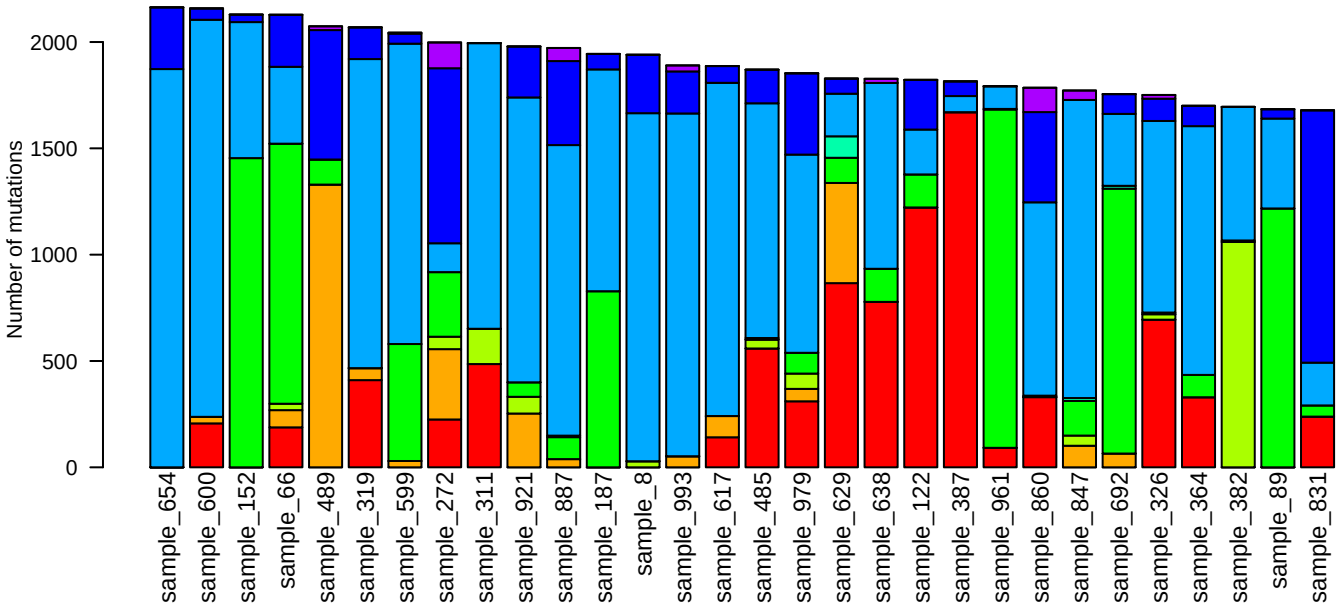
sample_689
sample_61
sample_155
sample_143
sample_244
sample_216
sample_672
sample_803
sample_19
sample_405


Number of mutations
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sample_654
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sample_319
sample_599
sample_272
sample_311
sample_921
sample_887
sample_187
sample_8
sample_993
sample_617
sample_485
sample_979
sample_629
sample_638
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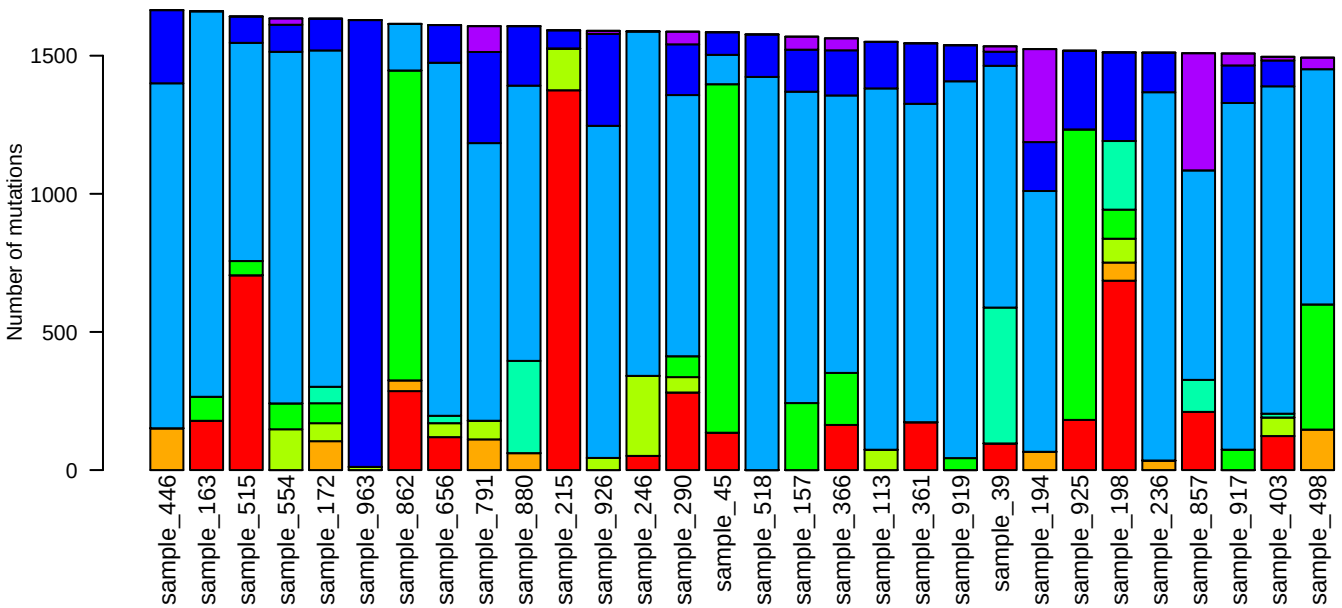
sample_847
sample_692
sample_326
sample_364
sample_382
sample_89
sample_831


Number of mutations
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sample_862
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sample_880
sample_215
sample_926
sample_246
sample_290
sample_45
sample_518
sample_157
sample_366
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sample_198
sample_236
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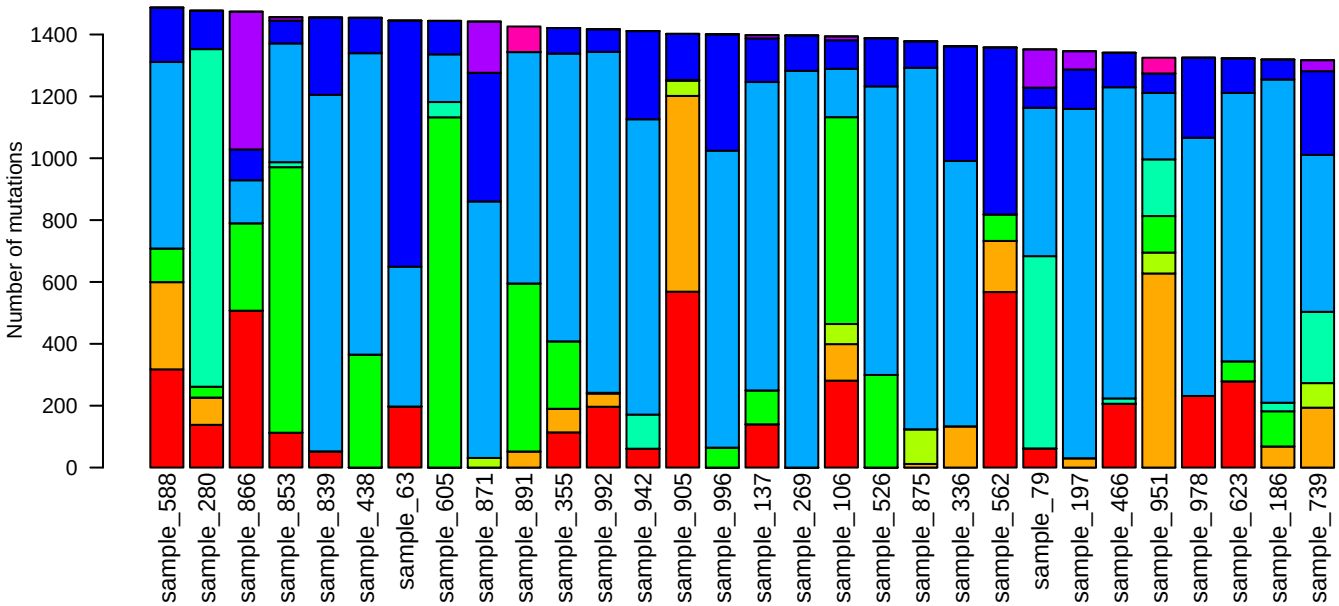
sample_917
sample_403
sample_498


Number of mutations
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1200
1400
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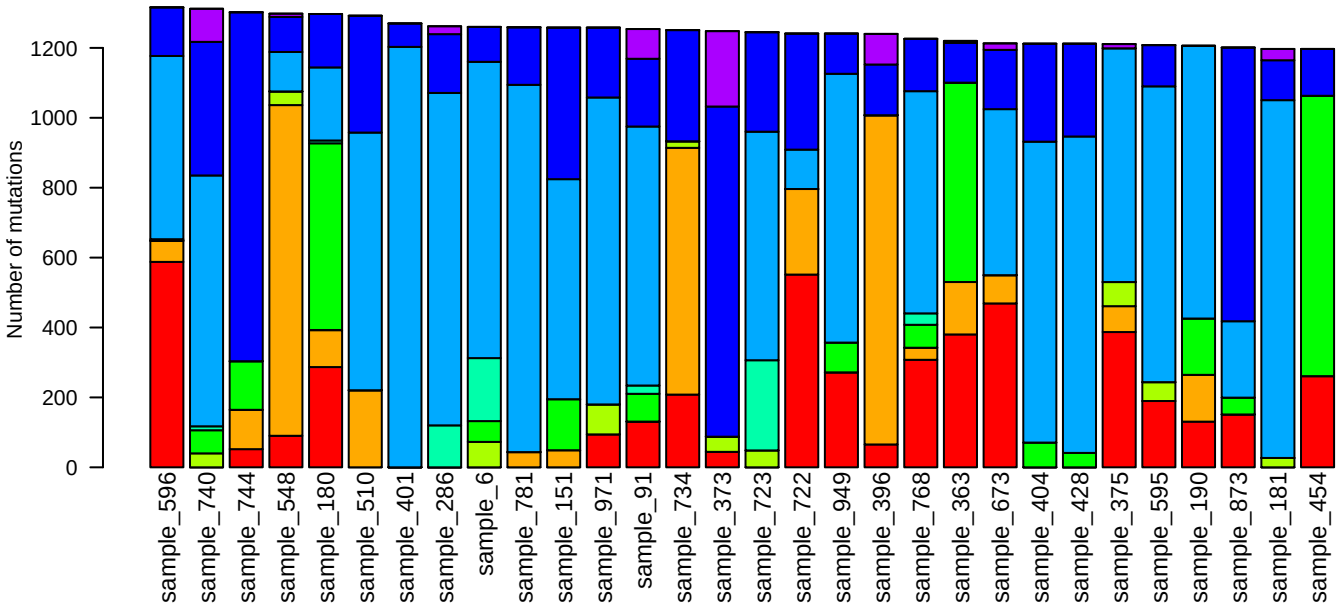
sample_280
sample_866
sample_853
sample_839
sample_438
sample_63
sample_605
sample_871
sample_891
sample_355
sample_992
sample_942
sample_905
sample_996
sample_137
sample_269
sample_106
sample_526
sample_875
sample_336
sample_562
sample_79
sample_197
sample_466
sample_951
sample_978
sample_623
sample_186
sample_739


Number of mutations
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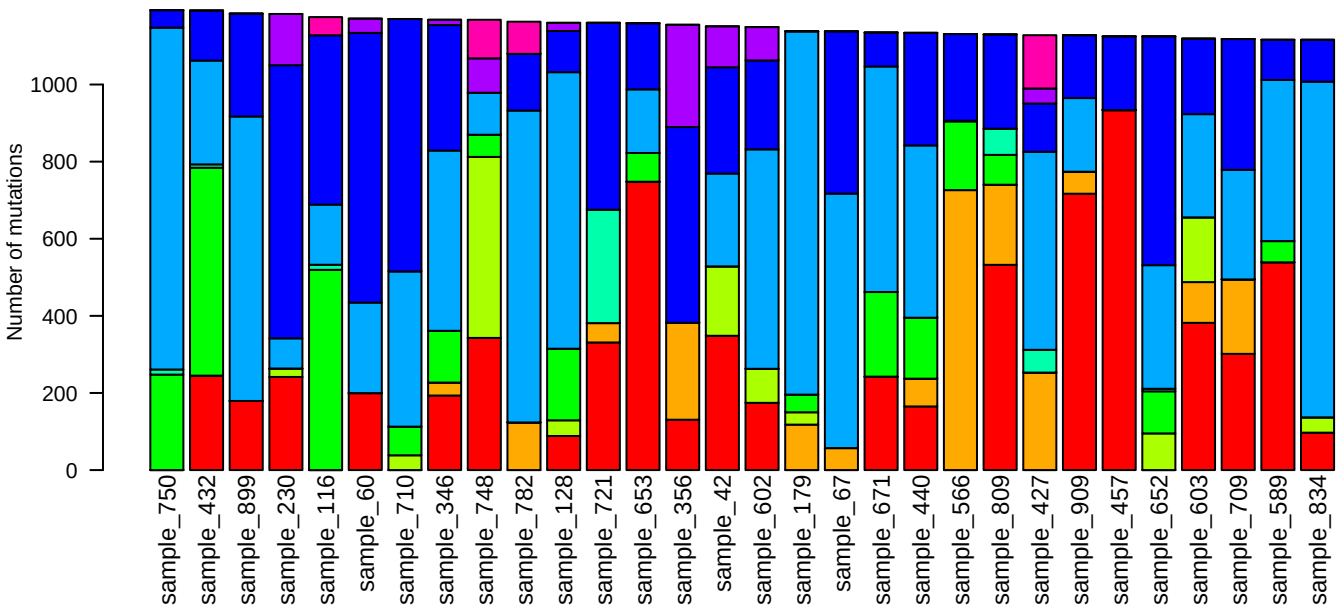
800
1000
1200
sample_596
sample_740
sample_744
sample_548
sample_180
sample_510
sample_401
sample_286
sample_6
sample_781
sample_151
sample_971
sample_91
sample_734
sample_373
sample_723
sample_722
sample_949
sample_396
sample_768
sample_363
sample_673
sample_404
sample_428
sample_375
sample_595
sample_190
sample_873
sample_181
sample_454


Number of mutations
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sample_116
sample_60
sample_710
sample_346
sample_748
sample_782
sample_128
sample_721
sample_653
sample_356
sample_42
sample_602
sample_179
sample_67
sample_671
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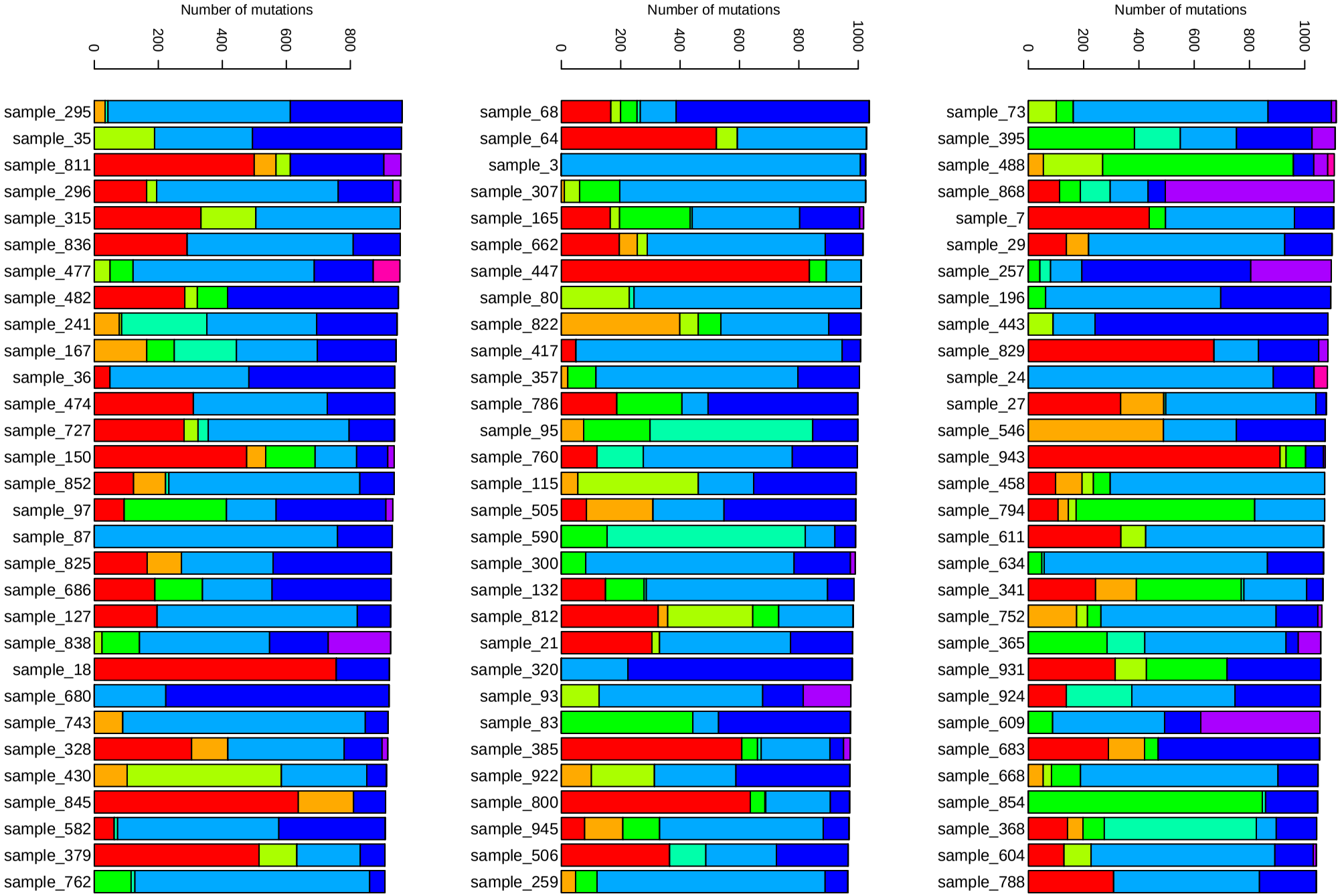
sample_809
sample_427
sample_909
sample_457
sample_652
sample_603
sample_709
sample_589
sample_834


Number of mutations
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1000
sample_295
sample_35
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sample_296
sample_315
sample_836
sample_477
sample_482
sample_241
sample_167
sample_36
sample_474
sample_727
sample_150
sample_852
sample_97
sample_87
sample_825
sample_686
sample_127
sample_838
sample_18
sample_680
sample_743
sample_328
sample_430
sample_845
sample_582
sample_379
sample_762
sample_68
sample_64
sample_3
sample_307
sample_165
sample_662
sample_447
sample_80
sample_822
sample_417
sample_357
sample_786
sample_95
sample_760
sample_115
sample_505
sample_590
sample_300
sample_132
sample_812
sample_21
sample_320
sample_93
sample_83
sample_385
sample_922
sample_800
sample_945
sample_506
sample_259
sample_73
sample_395
sample_488
sample_868
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sample_611
sample_634
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sample_924
sample_609
sample_683
sample_668
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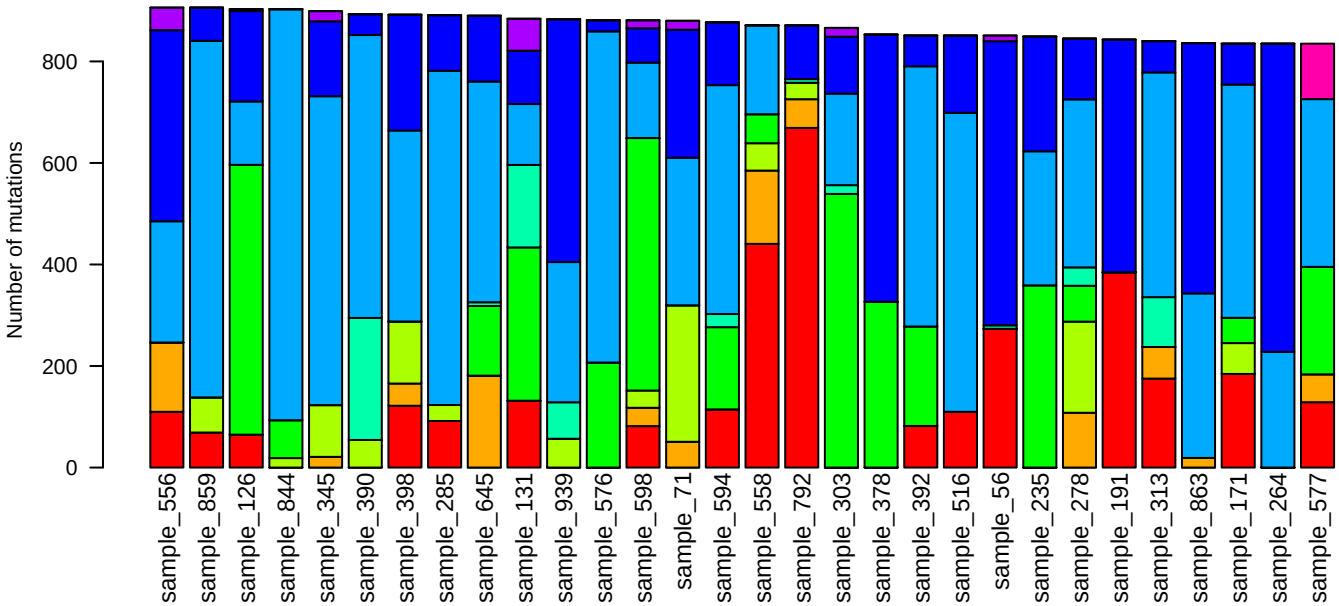
sample_368
sample_604
sample_788


Number of mutations
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800
sample_556
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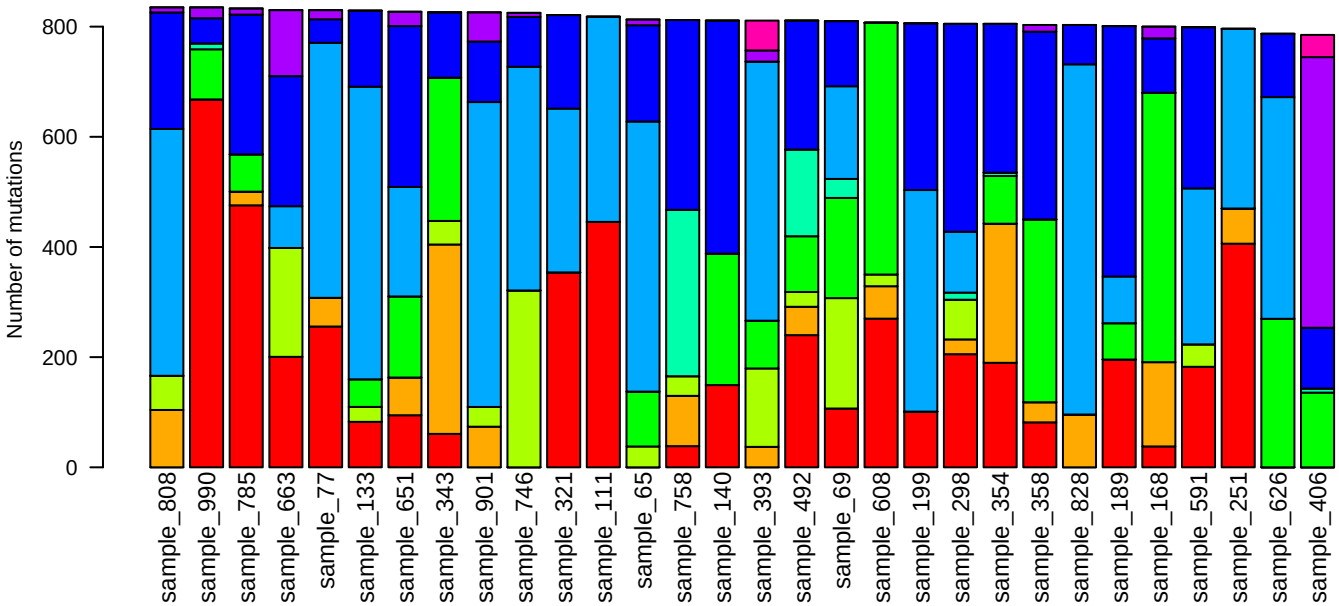
sample_844
sample_345
sample_390
sample_398
sample_285
sample_645
sample_131
sample_939
sample_576
sample_598
sample_71
sample_594
sample_558
sample_792
sample_303
sample_378
sample_392
sample_516
sample_56
sample_235
sample_278
sample_191
sample_313
sample_863
sample_171
sample_264
sample_577


Number of mutations
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600
800
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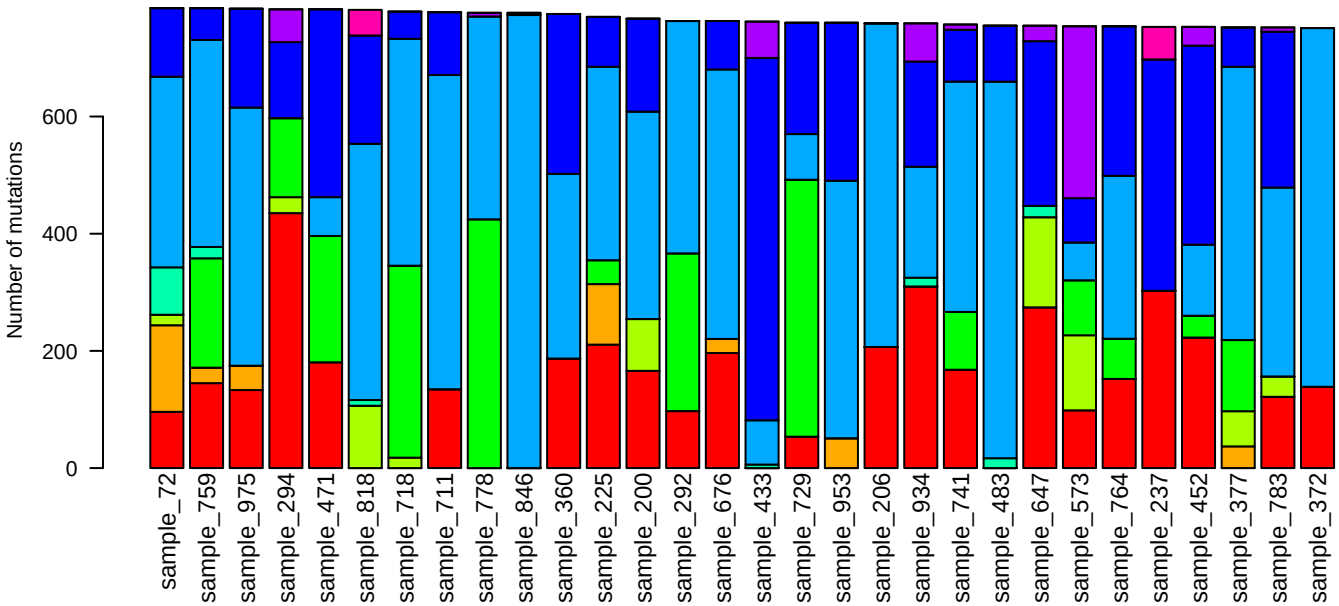
sample_990
sample_785
sample_663
sample_77
sample_133
sample_651
sample_343
sample_901
sample_746
sample_321
sample_111
sample_65
sample_758
sample_140
sample_393
sample_492
sample_69
sample_608
sample_199
sample_298
sample_354
sample_358
sample_828
sample_189
sample_168
sample_591
sample_251
sample_626
sample_406


Number of mutations
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sample_72
sample_759
sample_975
sample_294
sample_471
sample_818
sample_718
sample_711
sample_778
sample_846
sample_360
sample_225
sample_200
sample_292
sample_676
sample_433
sample_729
sample_953
sample_206
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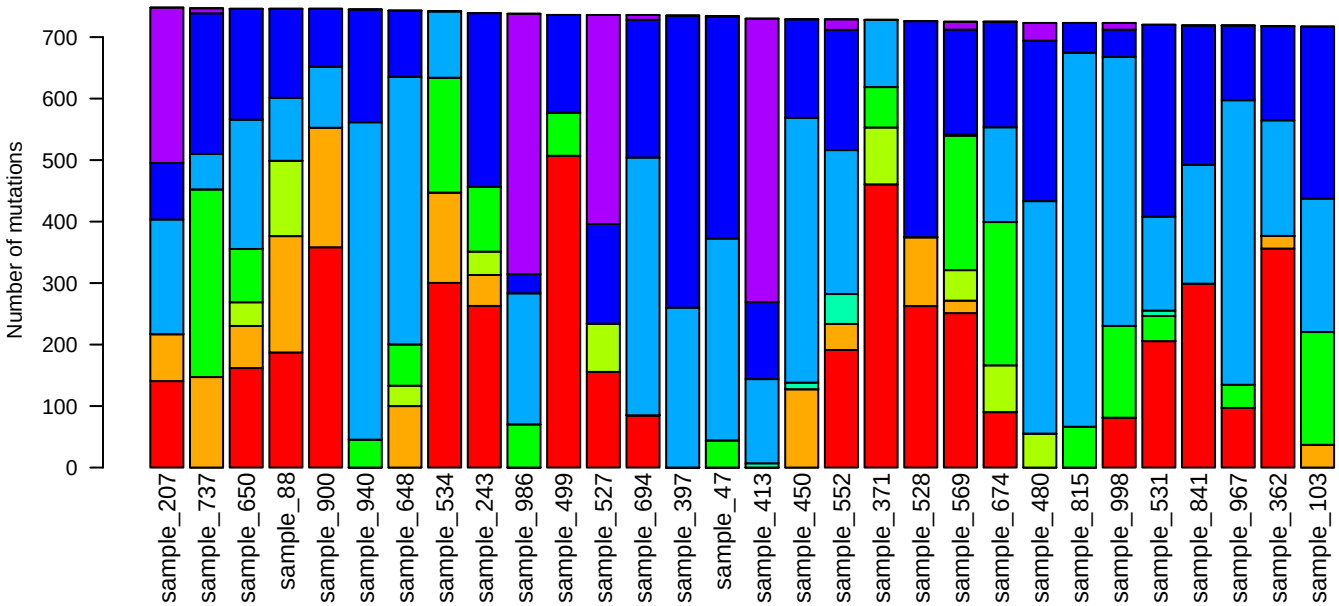
sample_483
sample_647
sample_573
sample_764
sample_237
sample_452
sample_377
sample_783
sample_372


Number of mutations
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400
500
600
700
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sample_650
sample_88
sample_900
sample_940
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sample_534
sample_243
sample_986
sample_499
sample_527
sample_694
sample_397
sample_47
sample_413
sample_450
sample_552
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sample_674
sample_480
sample_815
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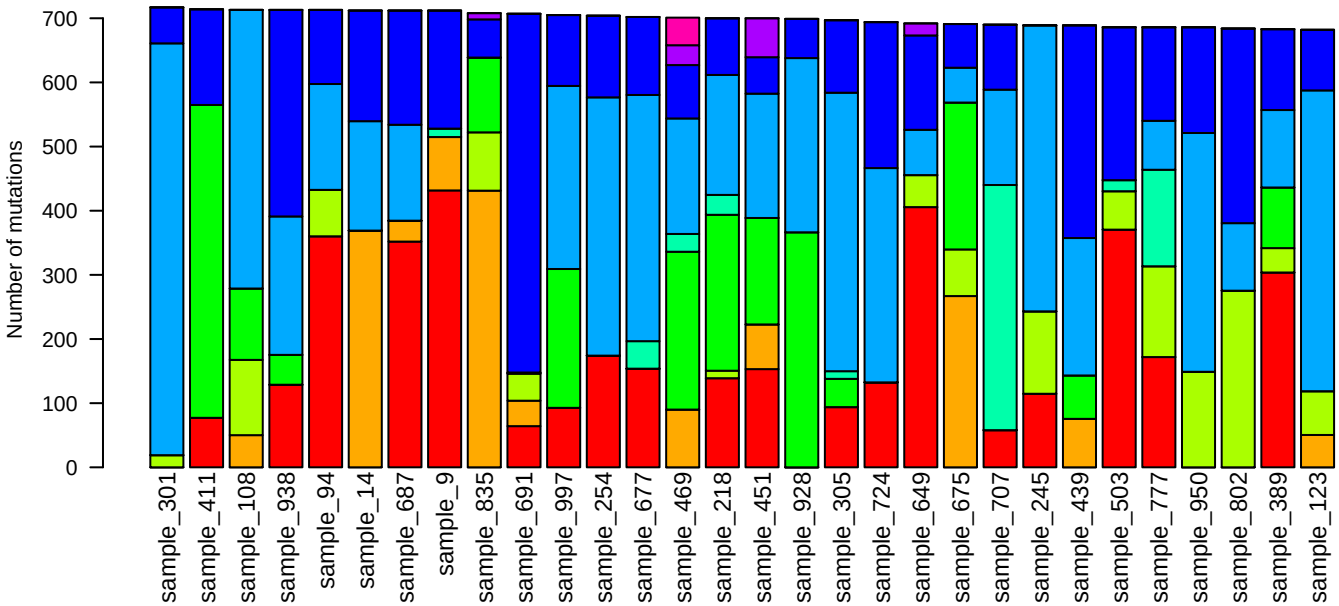
sample_531
sample_841
sample_967
sample_362
sample_103


Number of mutations
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500
600
700
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sample_938
sample_94
sample_14
sample_687
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sample_835
sample_691
sample_997
sample_254
sample_677
sample_469
sample_218
sample_451
sample_928
sample_305
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sample_707
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sample_777
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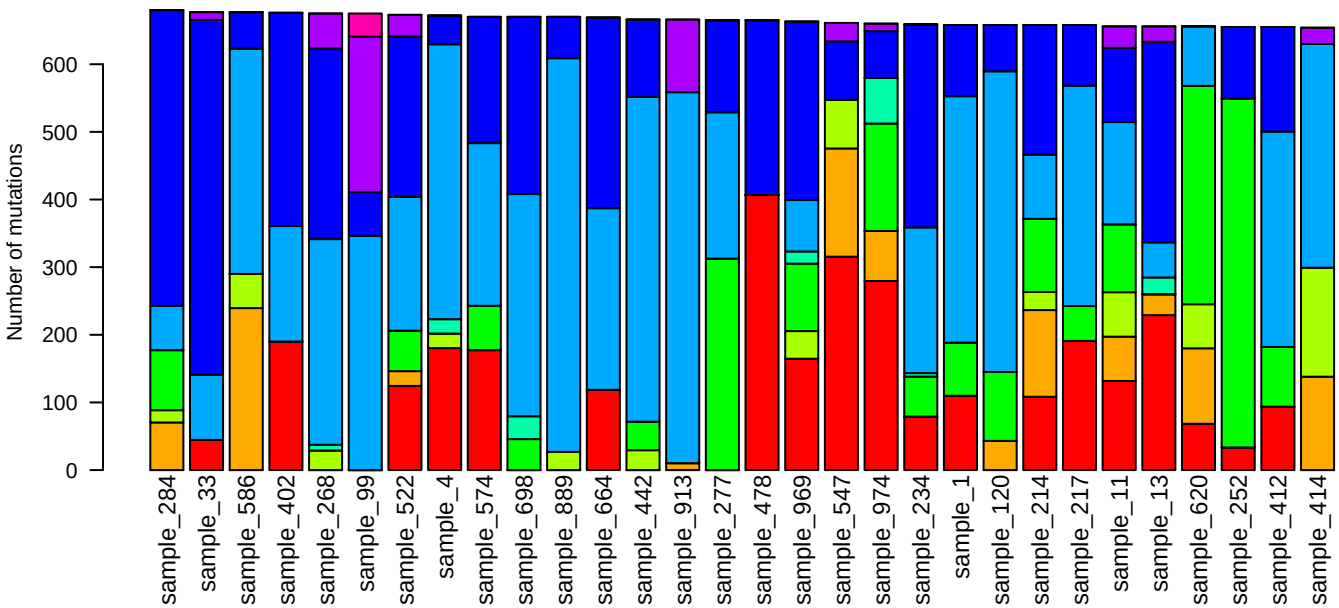
sample_389
sample_123


Number of mutations
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sample_402
sample_268
sample_99
sample_522
sample_4
sample_574
sample_698
sample_889
sample_664
sample_442
sample_913
sample_277
sample_478
sample_969
sample_547
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sample_234
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sample_120
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sample_217
sample_11
sample_13
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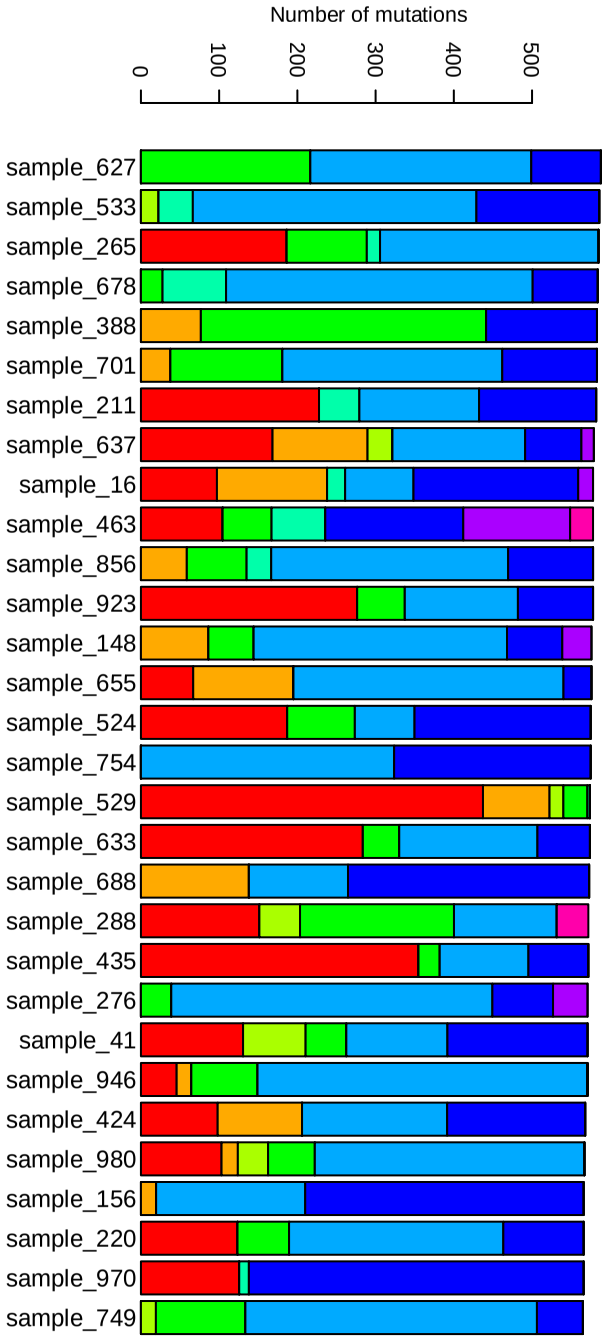
sample_252
sample_412
sample_414


Number of mutations
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500
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sample_265
sample_678
sample_388
sample_701
sample_211
sample_637
sample_16
sample_463
sample_856
sample_923
sample_148
sample_655
sample_524
sample_754
sample_529
sample_633
sample_688
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sample_276
sample_41
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sample_424
sample_980
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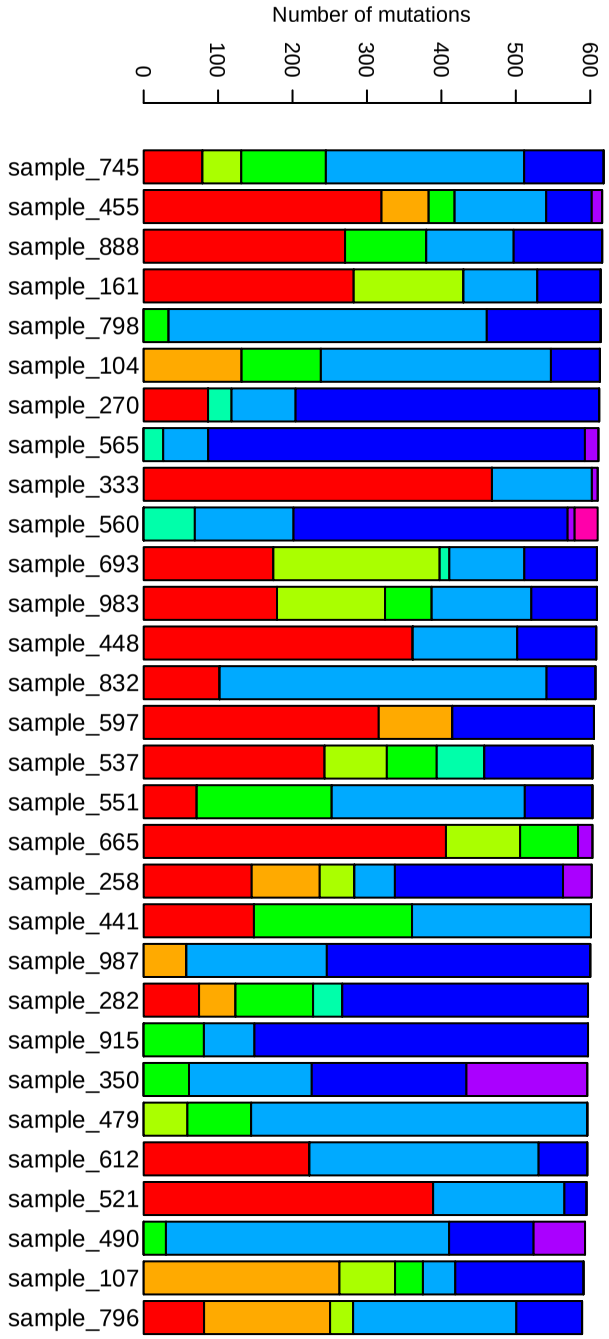
sample_220
sample_970
sample_749


Number of mutations
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sample_161
sample_798
sample_104
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sample_333
sample_560
sample_693
sample_983
sample_448
sample_832
sample_597
sample_537
sample_551
sample_665
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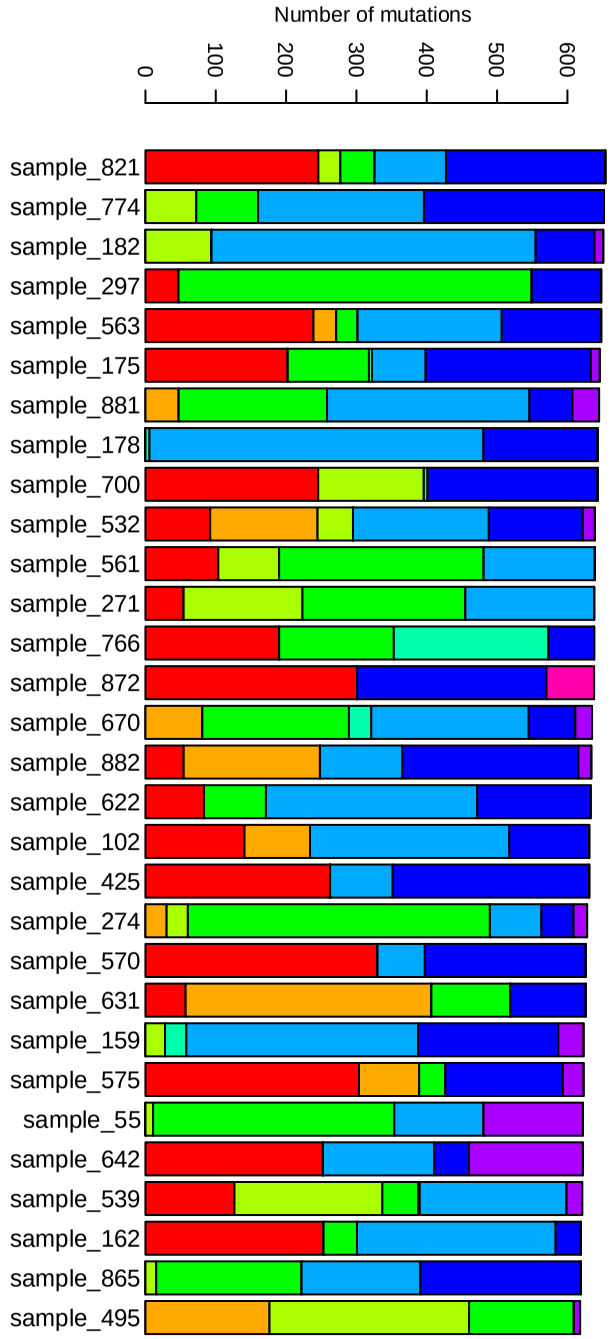
sample_796


Number of mutations
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sample_563
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sample_561
sample_271
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sample_872
sample_670
sample_882
sample_622
sample_102
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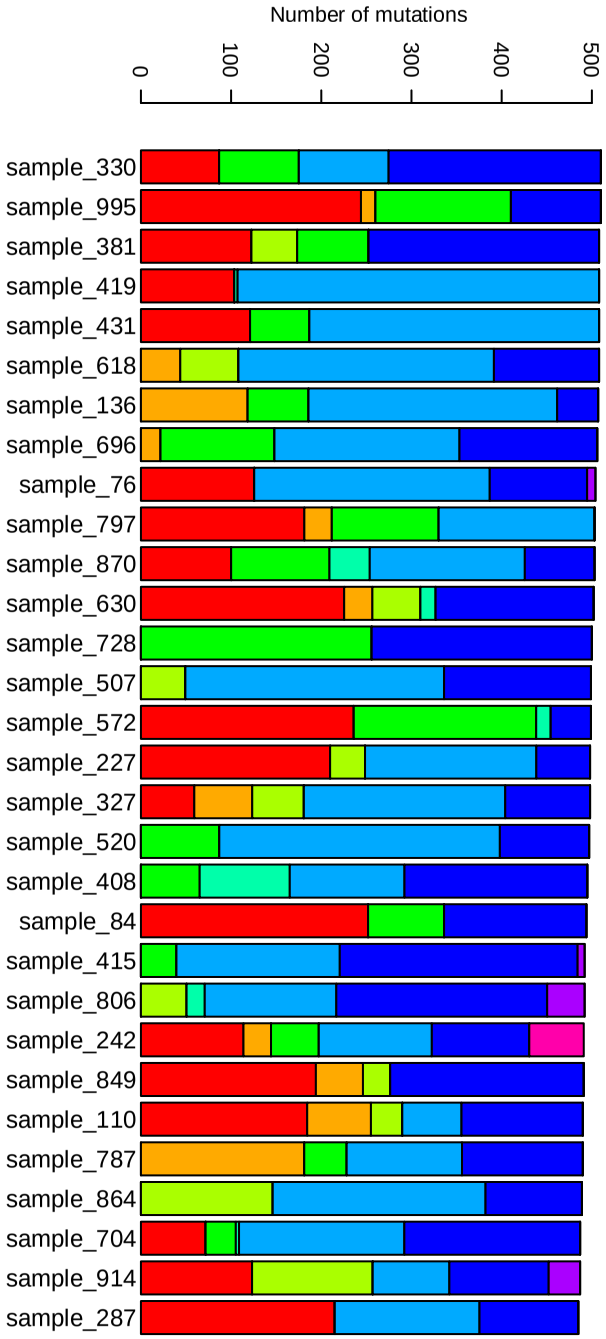
Number of mutations
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sample_618
sample_136
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sample_520
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sample_806
sample_242
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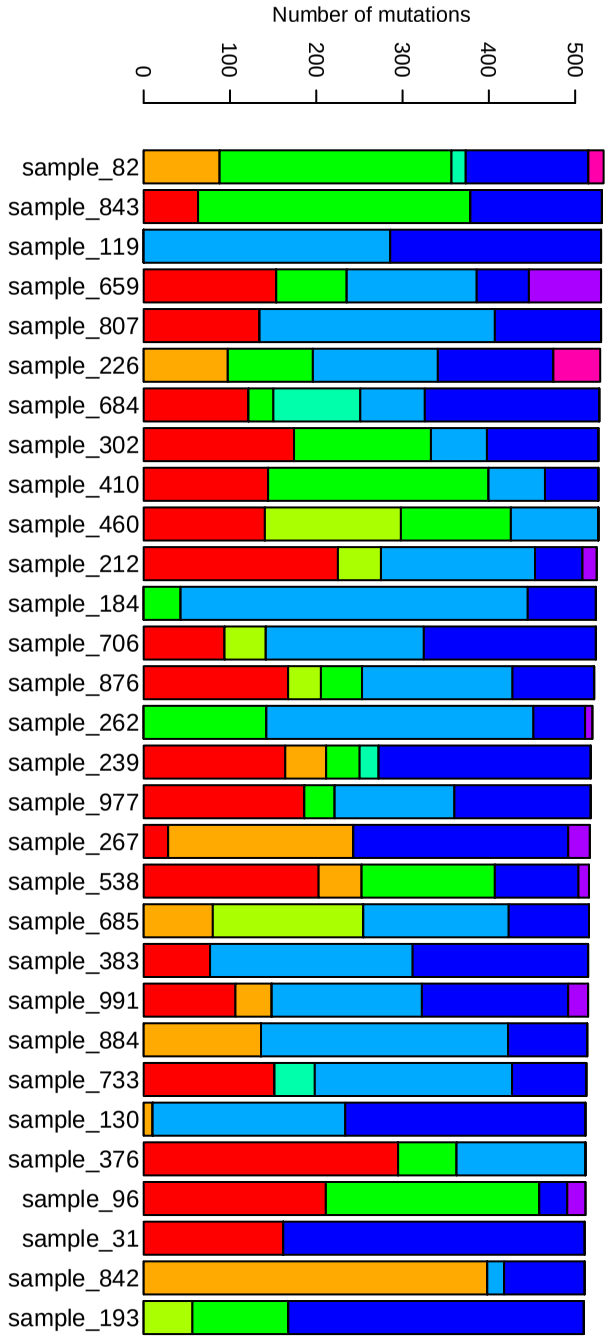
sample_914
sample_287


Number of mutations
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sample_226
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sample_267
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sample_376
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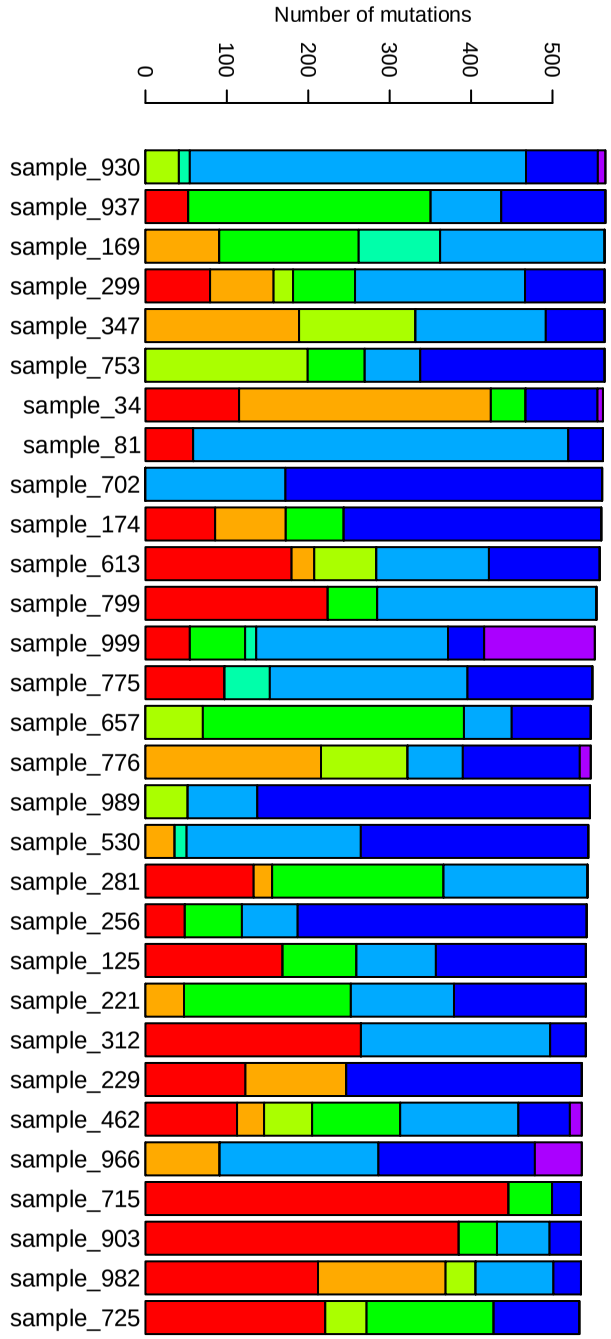
sample_193


Number of mutations
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500
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sample_174
sample_613
sample_799
sample_999
sample_775
sample_657
sample_776
sample_989
sample_530
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sample_229
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sample_982
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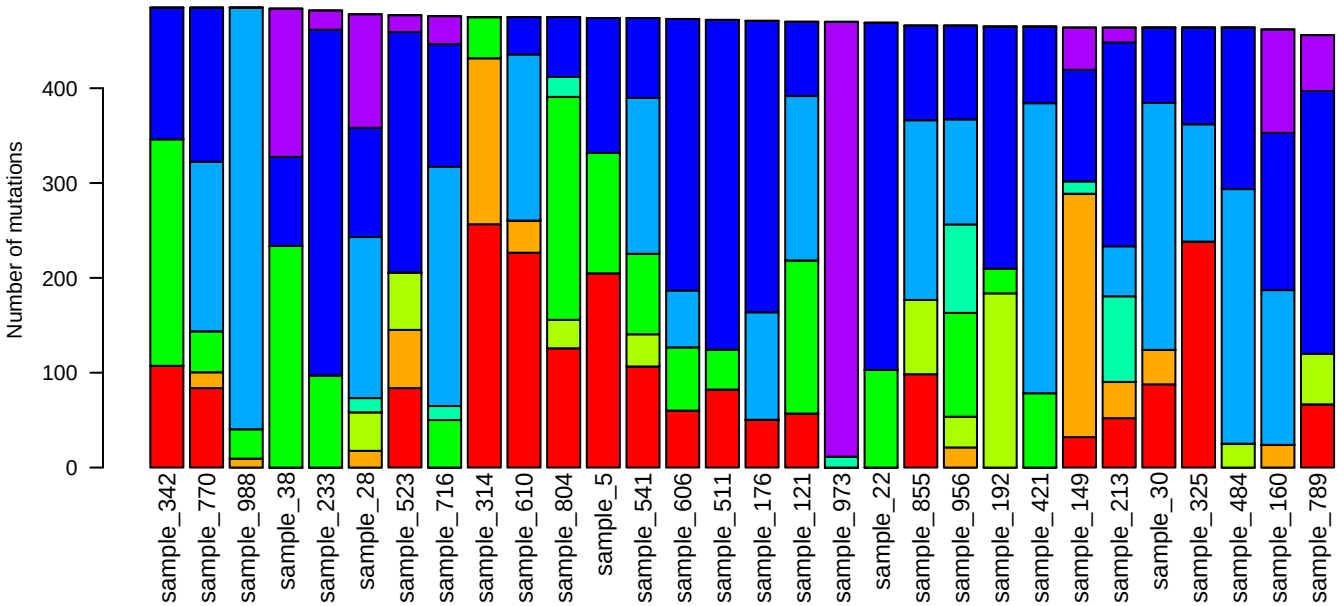
Number of mutations
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sample_973
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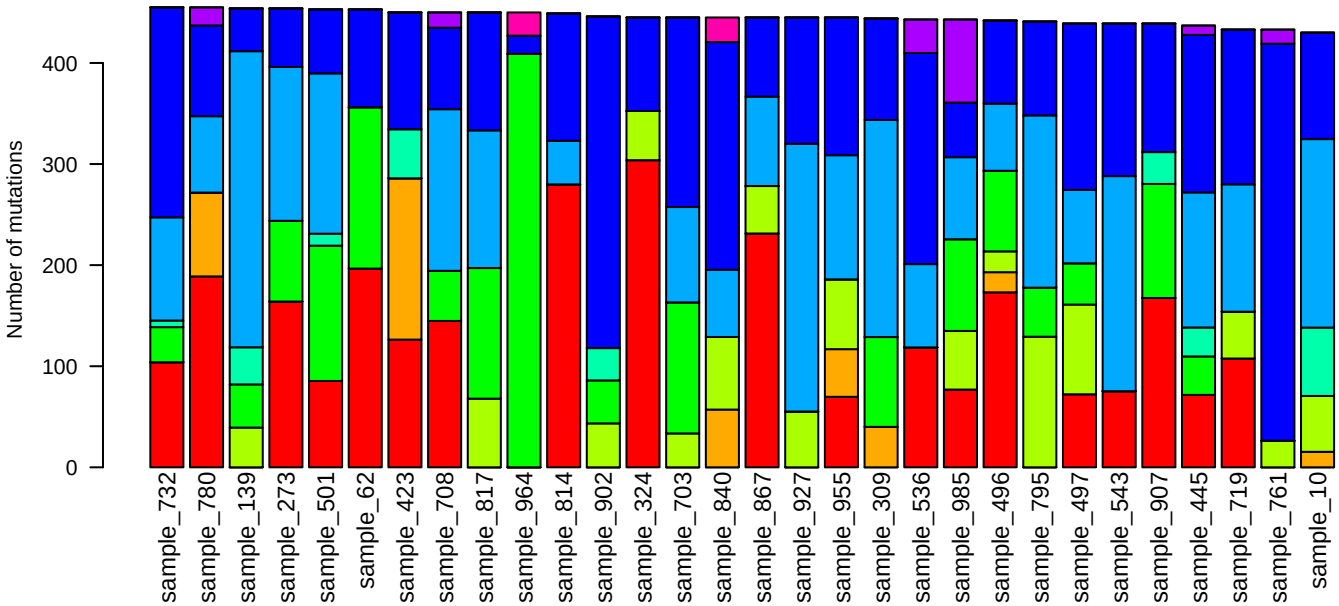
Number of mutations
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sample_964
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sample_902
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sample_840
sample_867
sample_927
sample_955
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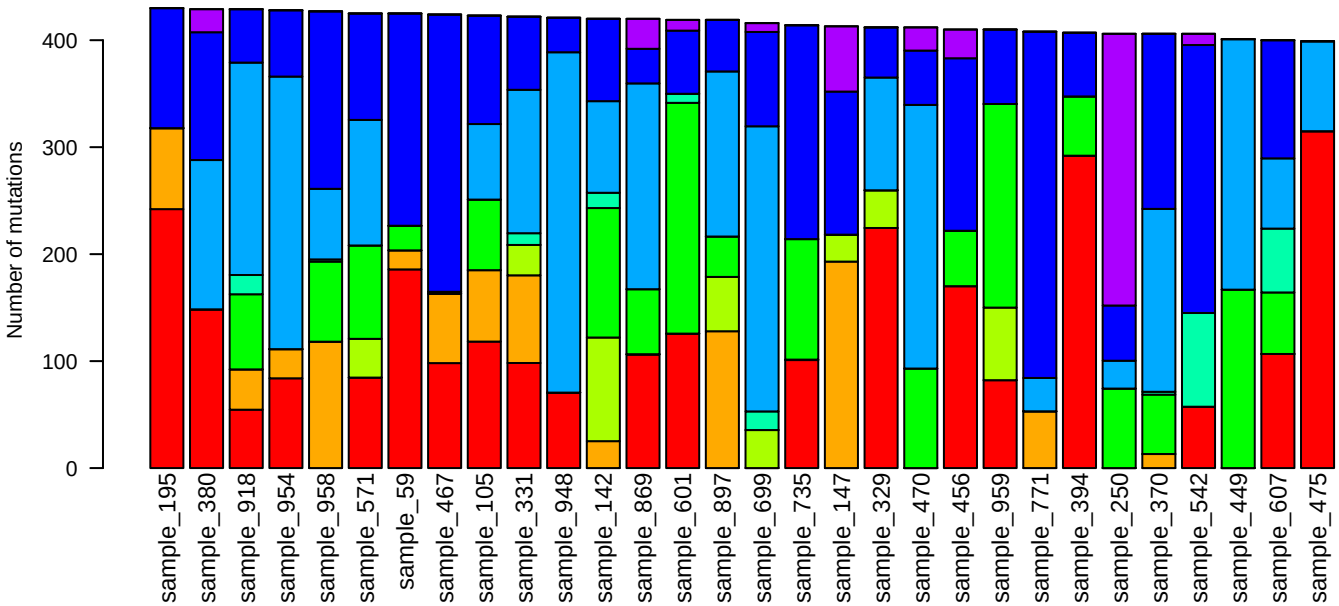
sample_10


Number of mutations
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300
400
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sample_954
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sample_571
sample_59
sample_467
sample_105
sample_331
sample_948
sample_142
sample_869
sample_601
sample_897
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sample_735
sample_147
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sample_370
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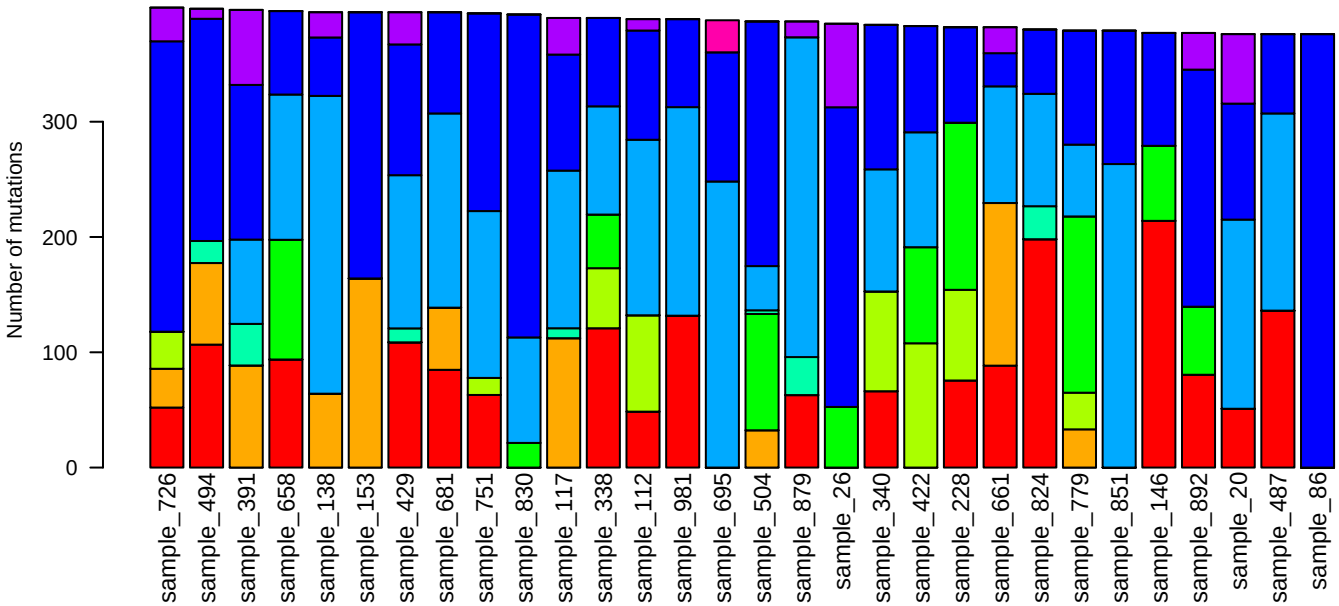
sample_475


Number of mutations
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sample_504
sample_879
sample_26
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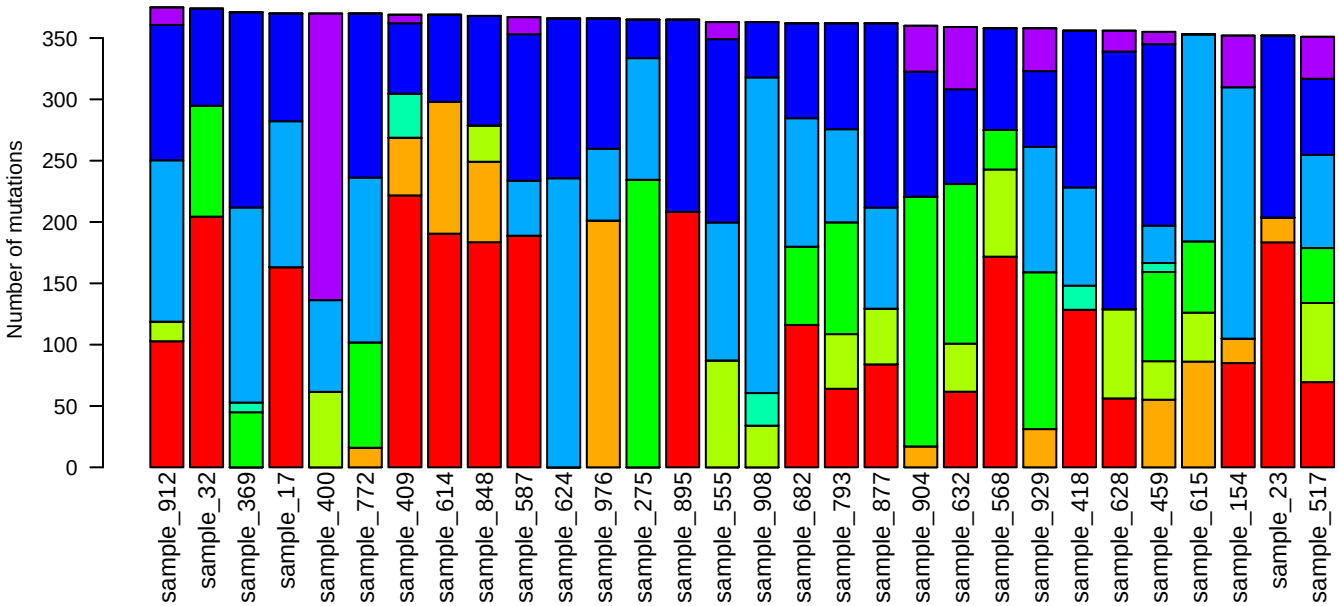
sample_851
sample_146
sample_892
sample_20
sample_487
sample_86


Number of mutations
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50
100
150
200
250
300
350
sample_912
sample_32
sample_369
sample_17
sample_400
sample_772
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sample_793
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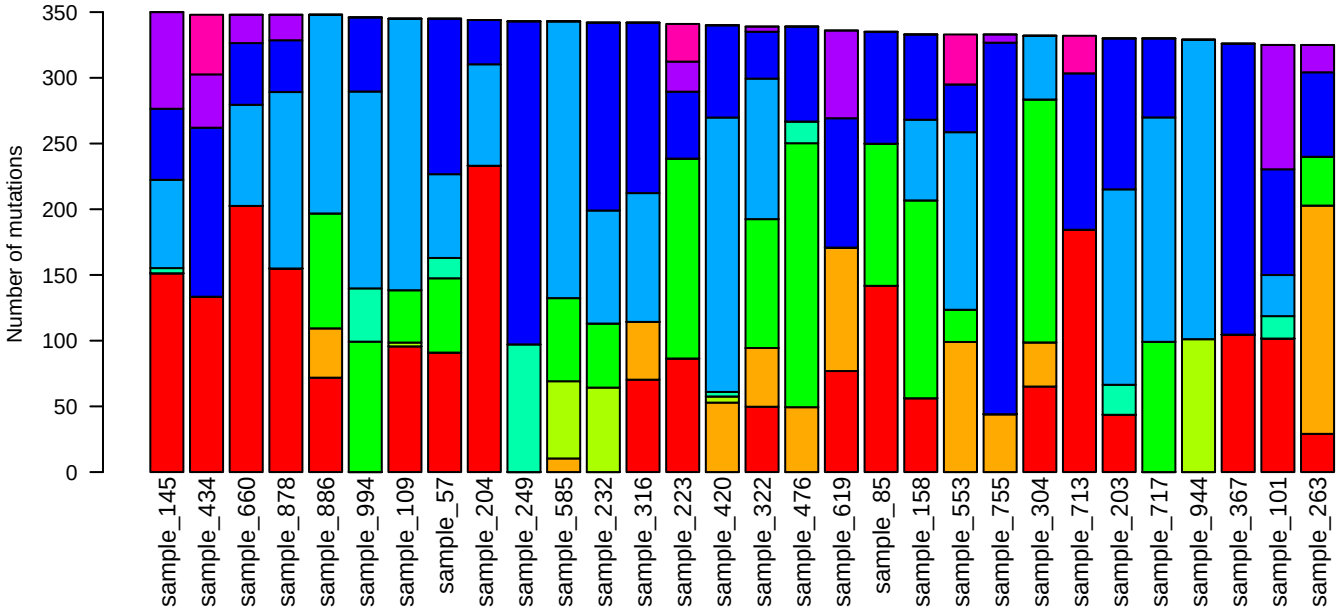
sample_23
sample_517


Number of mutations
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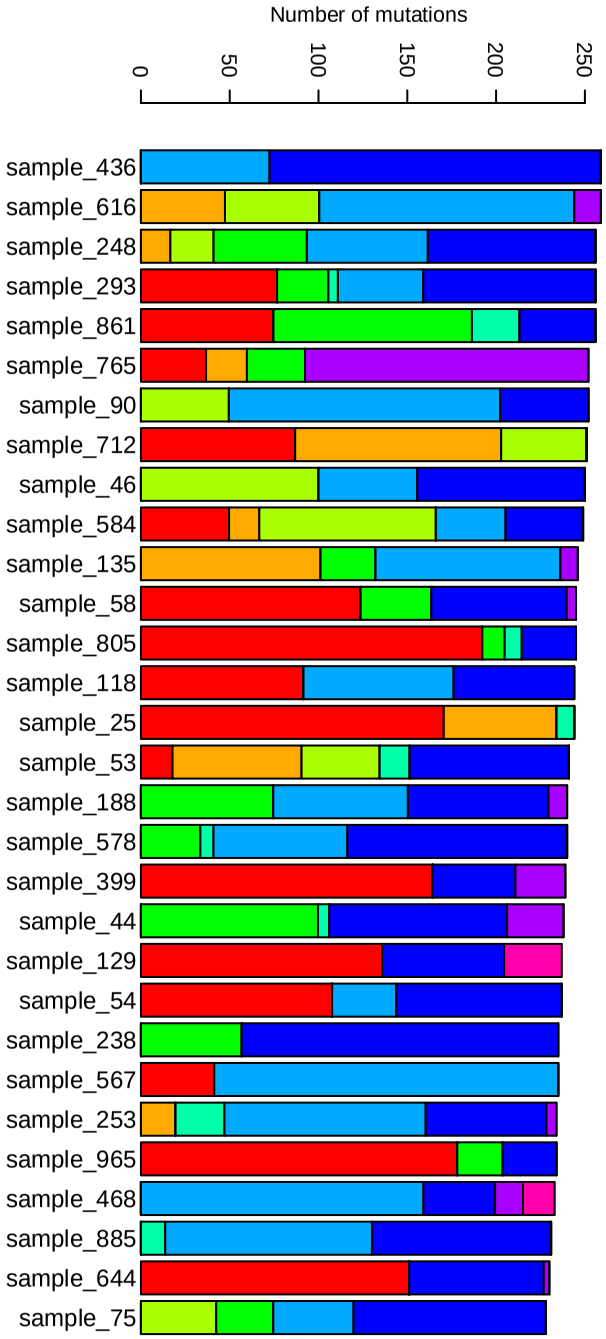
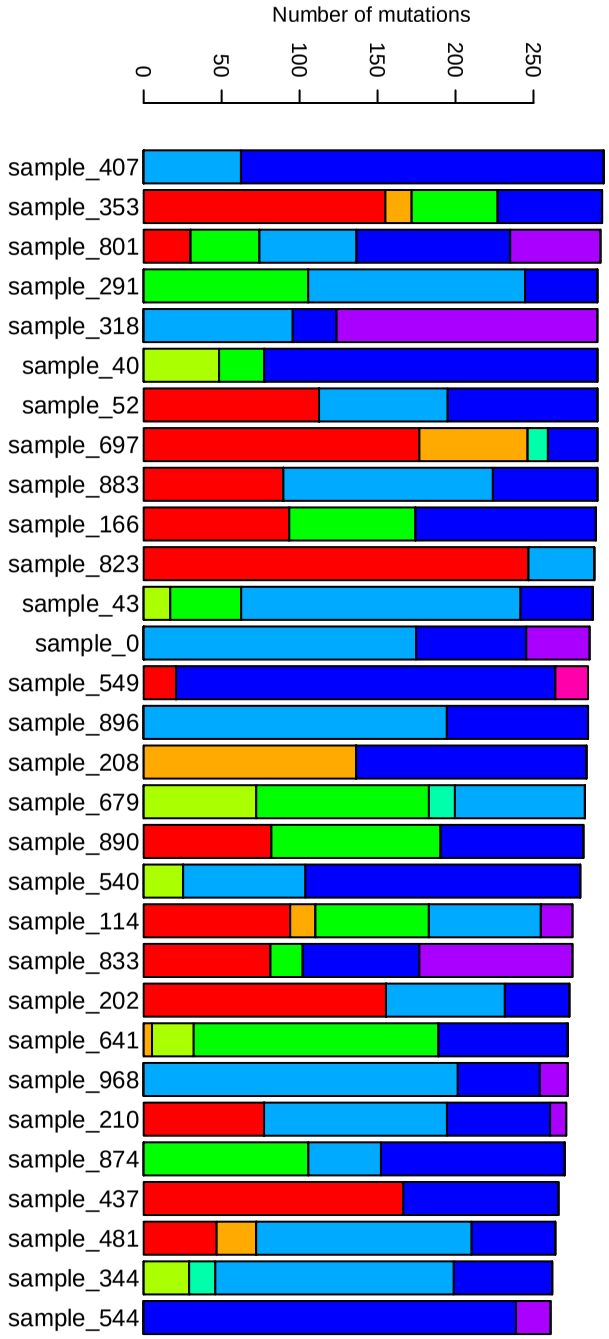
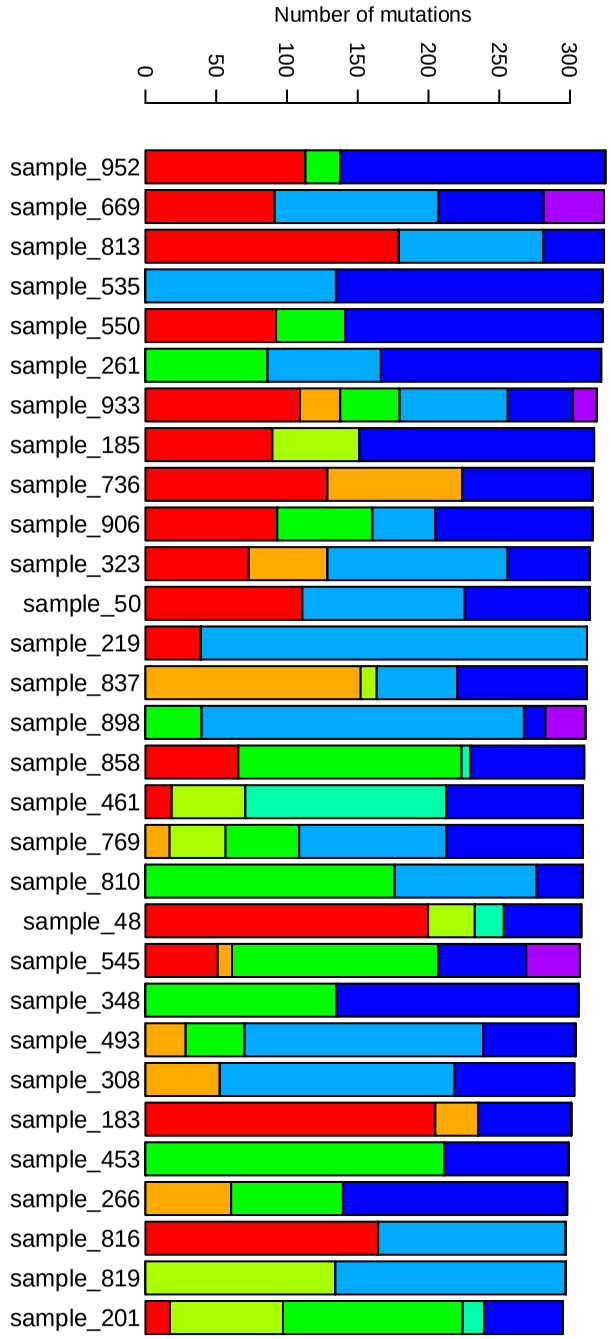
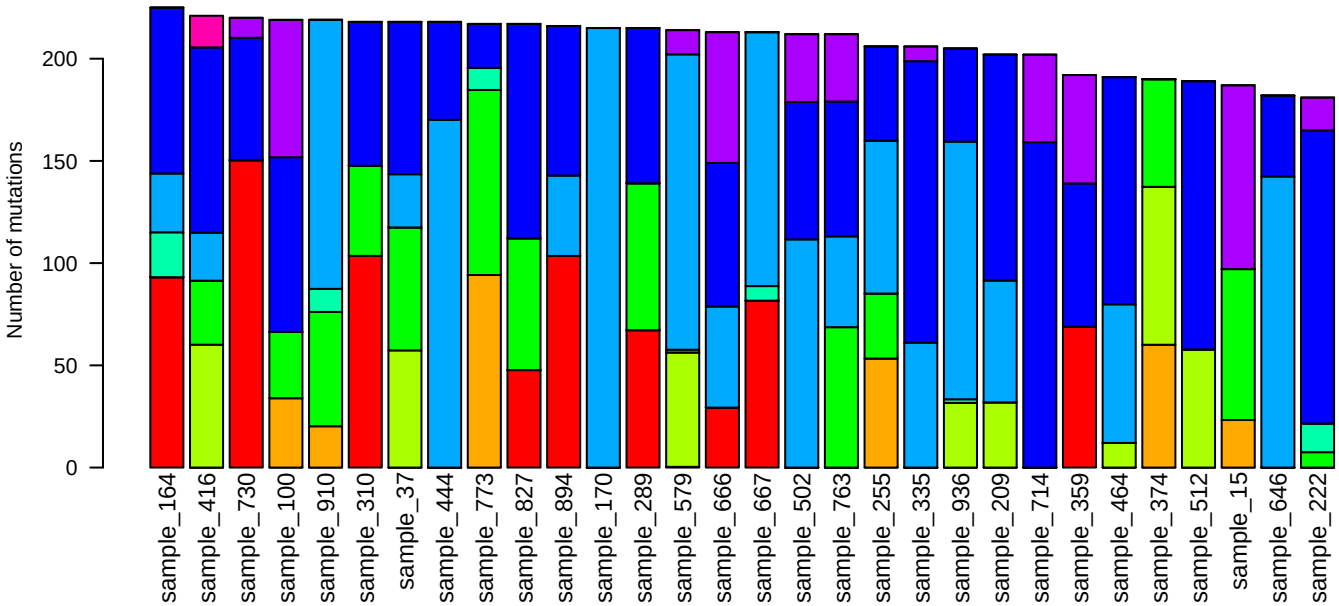
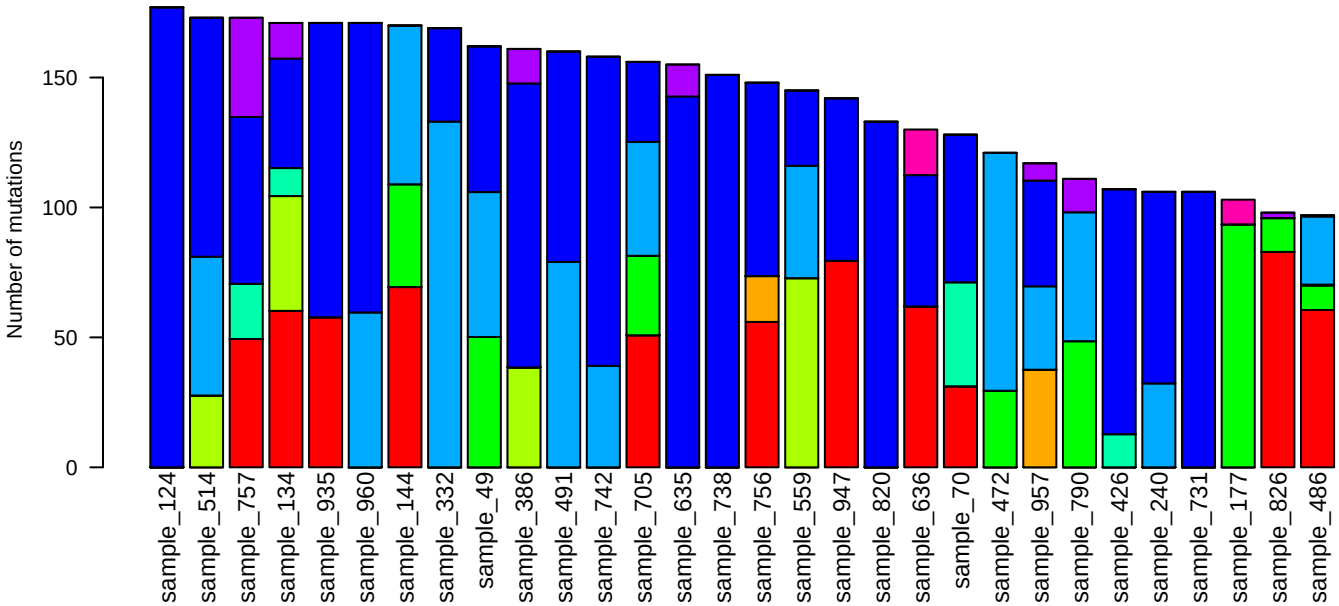
200
250
300
350
sample_145
sample_434
sample_660
sample_878
sample_886
sample_994
sample_109
sample_57
sample_204
sample_249
sample_585
sample_232
sample_316
sample_223
sample_420
sample_322
sample_476
sample_619
sample_85
sample_158
sample_553
sample_755
sample_304
sample_713
sample_203
sample_717
sample_944
sample_367
sample_101
sample_263

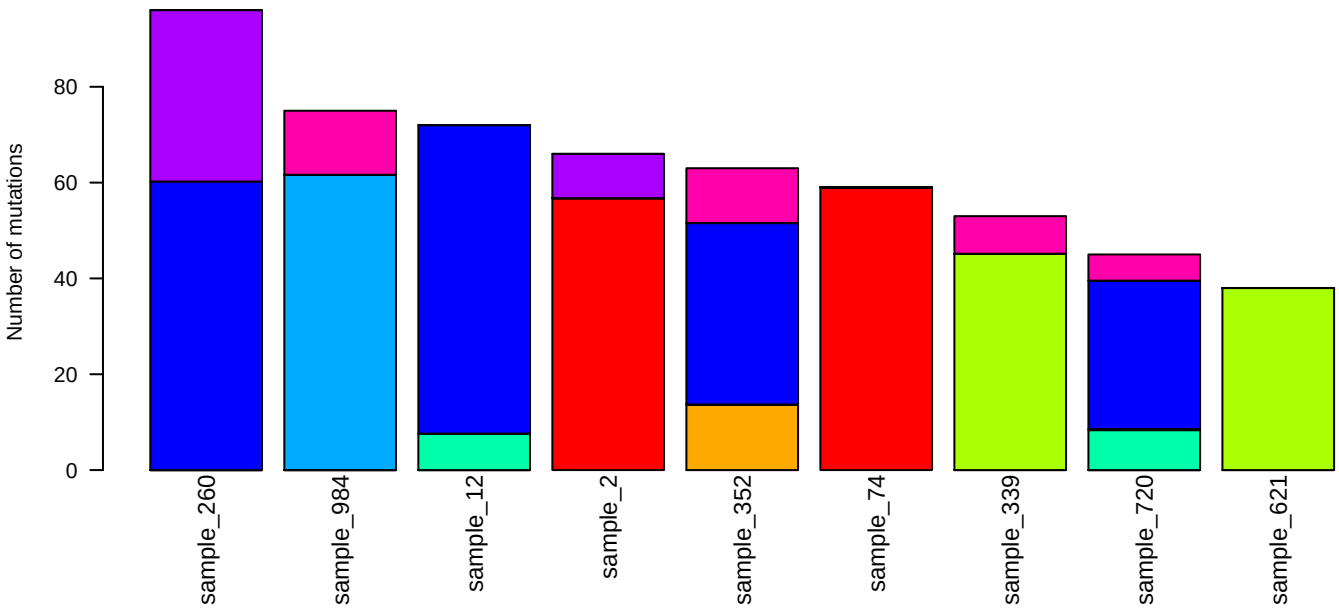

Number of mutations
0
50
100
150
200
250
sample_436
sample_616
sample_248
sample_293
sample_861
sample_765
sample_90
sample_712
sample_46
sample_584
sample_135
sample_58
sample_805
sample_118
sample_25
sample_53
sample_188
sample_578
sample_399
sample_44
sample_129
sample_54
sample_238
sample_567
sample_253
sample_965
sample_468
sample_885
sample_644
sample_75


Number of mutations
0
50
100
150
200
250
sample_407
sample_353
sample_801
sample_291
sample_318
sample_40
sample_52
sample_697
sample_883
sample_166
sample_823
sample_43
sample_0
sample_549
sample_896
sample_208
sample_679
sample_890
sample_540
sample_114
sample_833
sample_202
sample_641
sample_968
sample_210
sample_874
sample_437
sample_481
sample_344
sample_544


Number of mutations
0
50
100
150
200
250
300
sample_952
sample_669
sample_813
sample_535
sample_550
sample_261
sample_933
sample_185
sample_736
sample_906
sample_323
sample_50
sample_219
sample_837
sample_898
sample_858
sample_461
sample_769
sample_810
sample_48
sample_545
sample_348
sample_493
sample_308
sample_183
sample_453
sample_266
sample_816
sample_819
sample_201


Number of mutations
0
50
100
150
200
sample_164
sample_416
sample_730
sample_100
sample_910
sample_310
sample_37
sample_444
sample_773
sample_827
sample_894
sample_170
sample_289
sample_579
sample_666
sample_667
sample_502
sample_763
sample_255
sample_335
sample_936
sample_209
sample_714
sample_359
sample_464
sample_374
sample_512
sample_15
sample_646
sample_222


Number of mutations
0
50
100
150
sample_124
sample_514
sample_757
sample_134
sample_935
sample_960
sample_144
sample_332
sample_49
sample_386
sample_491
sample_742
sample_705
sample_635
sample_738
sample_756
sample_559
sample_947
sample_820
sample_636
sample_70
sample_472
sample_957
sample_790
sample_426
sample_240
sample_731
sample_177
sample_826
sample_486


Number of mutations
0
20
40
60
80
sample_260
sample_984
sample_12
sample_2
sample_352
sample_74
sample_339
sample_720
sample_621