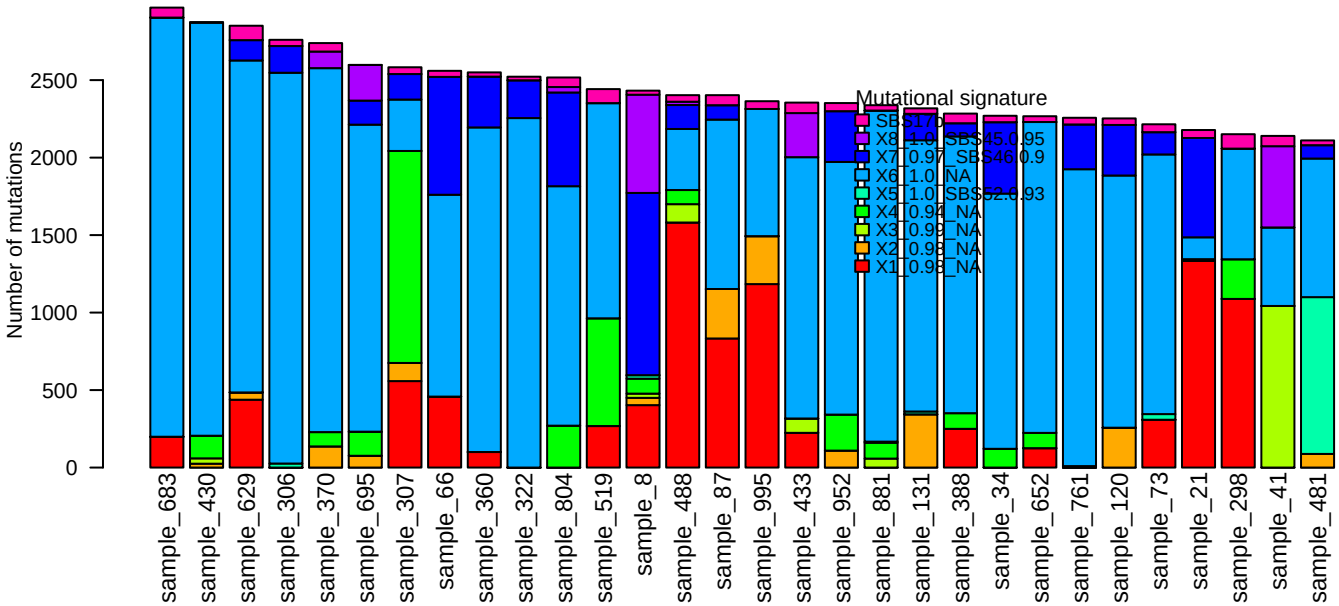
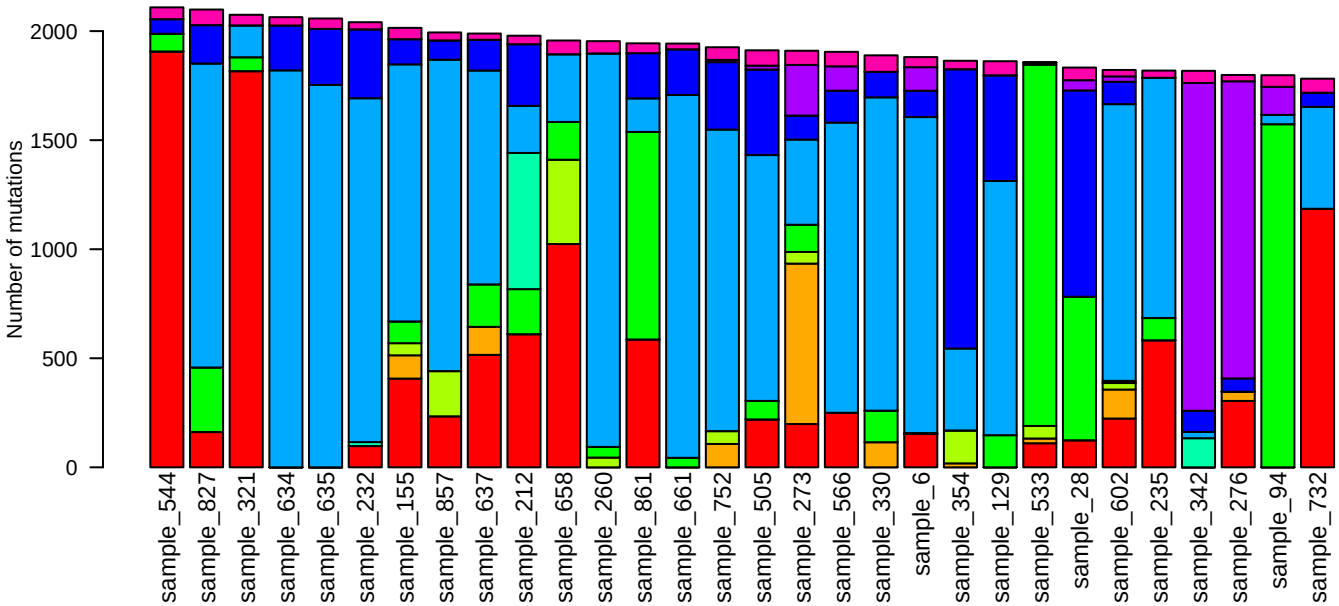

Mutational signature
SBS17b
X8_1.0_SBS45.0.95
X7_0.97_SBS46.0.9
X6_1.0_NA
X5_1.0_SBS52.0.93
X4_0.94_NA
X3_0.99_NA
X2_0.98_NA
X1_0.98_NA
Number of mutations
0
500
1000
1500
2000
2500
sample_683
sample_430
sample_629
sample_306
sample_370
sample_695
sample_307
sample_66
sample_360
sample_322
sample_804
sample_519
sample_8
sample_488
sample_87
sample_995
sample_433
sample_952
sample_881
sample_131
sample_388
sample_34
sample_652
sample_761
sample_120
sample_73
sample_21
sample_298
sample_41
sample_481


Number of mutations
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2000
sample_544
sample_827
sample_321
sample_634
sample_635
sample_232
sample_155
sample_857
sample_637
sample_212
sample_658
sample_260
sample_861
sample_661
sample_752
sample_505
sample_273
sample_566
sample_330
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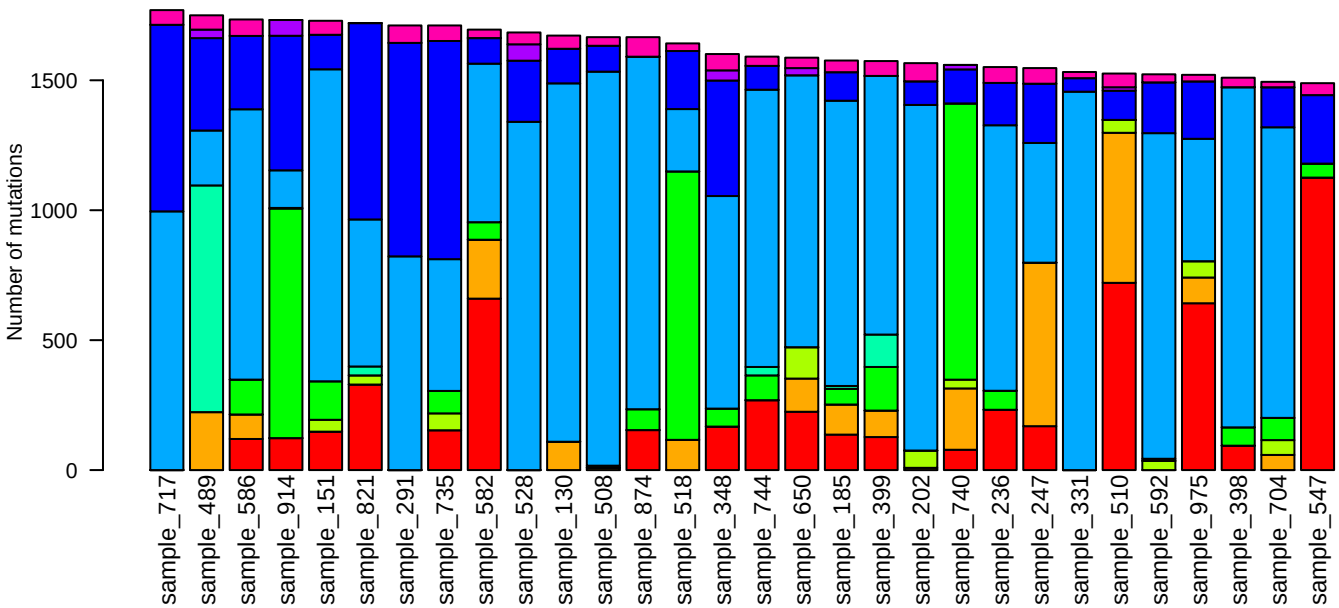
sample_129
sample_533
sample_28
sample_602
sample_235
sample_342
sample_276
sample_94
sample_732


Number of mutations
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sample_717
sample_489
sample_586
sample_914
sample_151
sample_821
sample_291
sample_735
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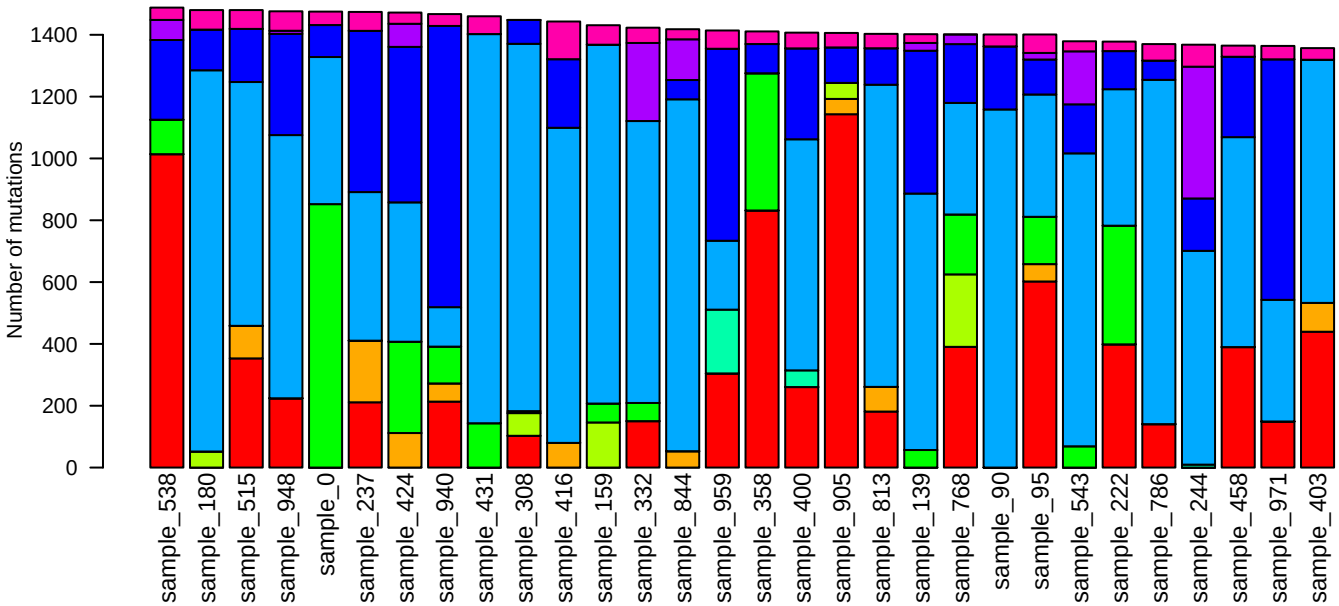
sample_130
sample_508
sample_874
sample_518
sample_348
sample_744
sample_650
sample_185
sample_399
sample_202
sample_740
sample_236
sample_247
sample_331
sample_510
sample_592
sample_975
sample_398
sample_704
sample_547


Number of mutations
0
200
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600
800
1000
1200
1400
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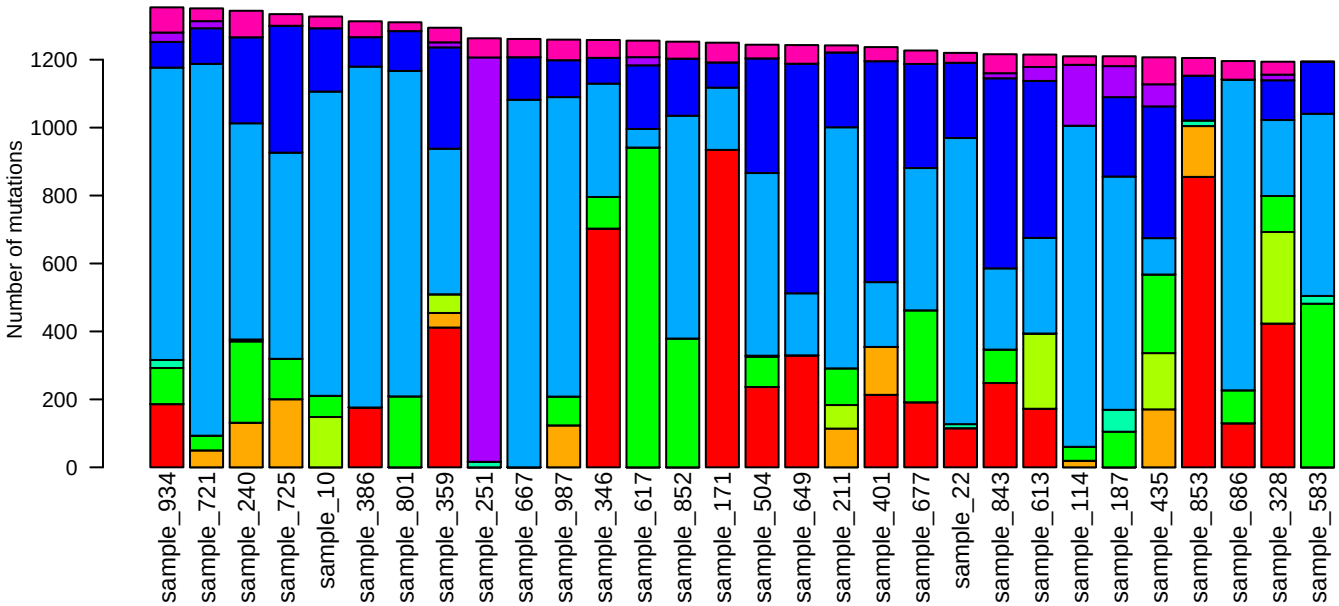
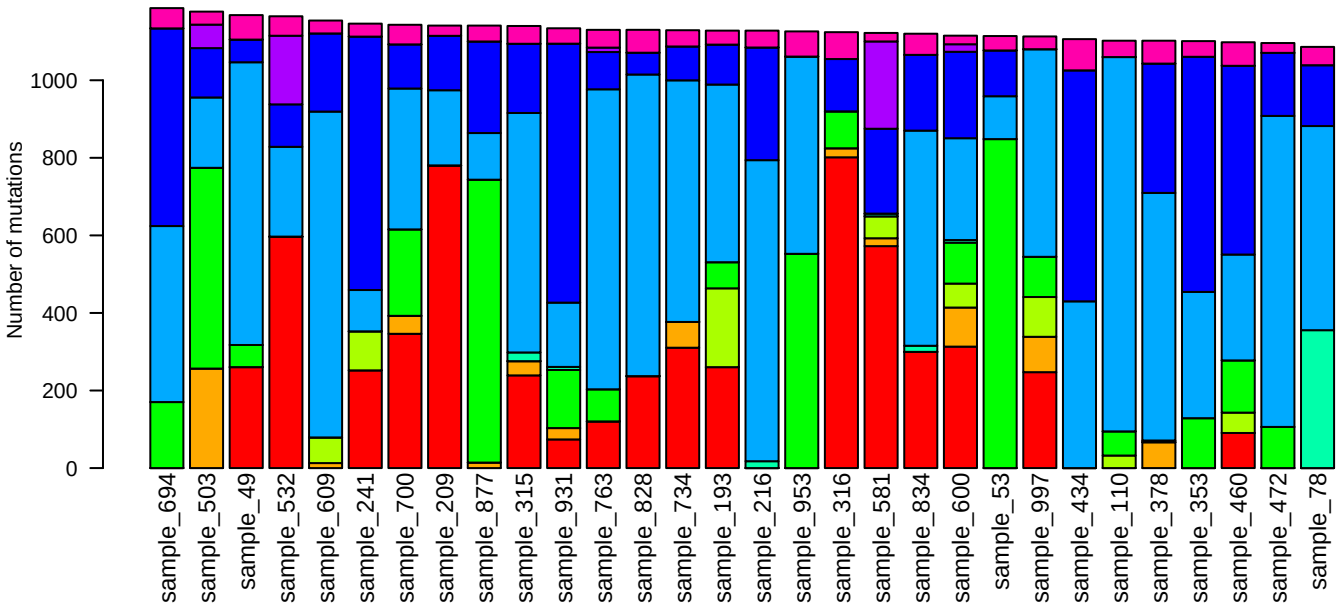
sample_180
sample_515
sample_948
sample_0
sample_237
sample_424
sample_940
sample_431
sample_308
sample_416
sample_159
sample_332
sample_844
sample_959
sample_358
sample_400
sample_905
sample_813
sample_139
sample_768
sample_90
sample_95
sample_543
sample_222
sample_786
sample_244
sample_458
sample_971
sample_403


Number of mutations
0
200
400
600
800
1000
1200
sample_934
sample_721
sample_240
sample_725
sample_10
sample_386
sample_801
sample_359
sample_251
sample_667
sample_987
sample_346
sample_617
sample_852
sample_171
sample_504
sample_649
sample_211
sample_401
sample_677
sample_22
sample_843
sample_613
sample_114
sample_187
sample_435
sample_853
sample_686
sample_328
sample_583


Number of mutations
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200
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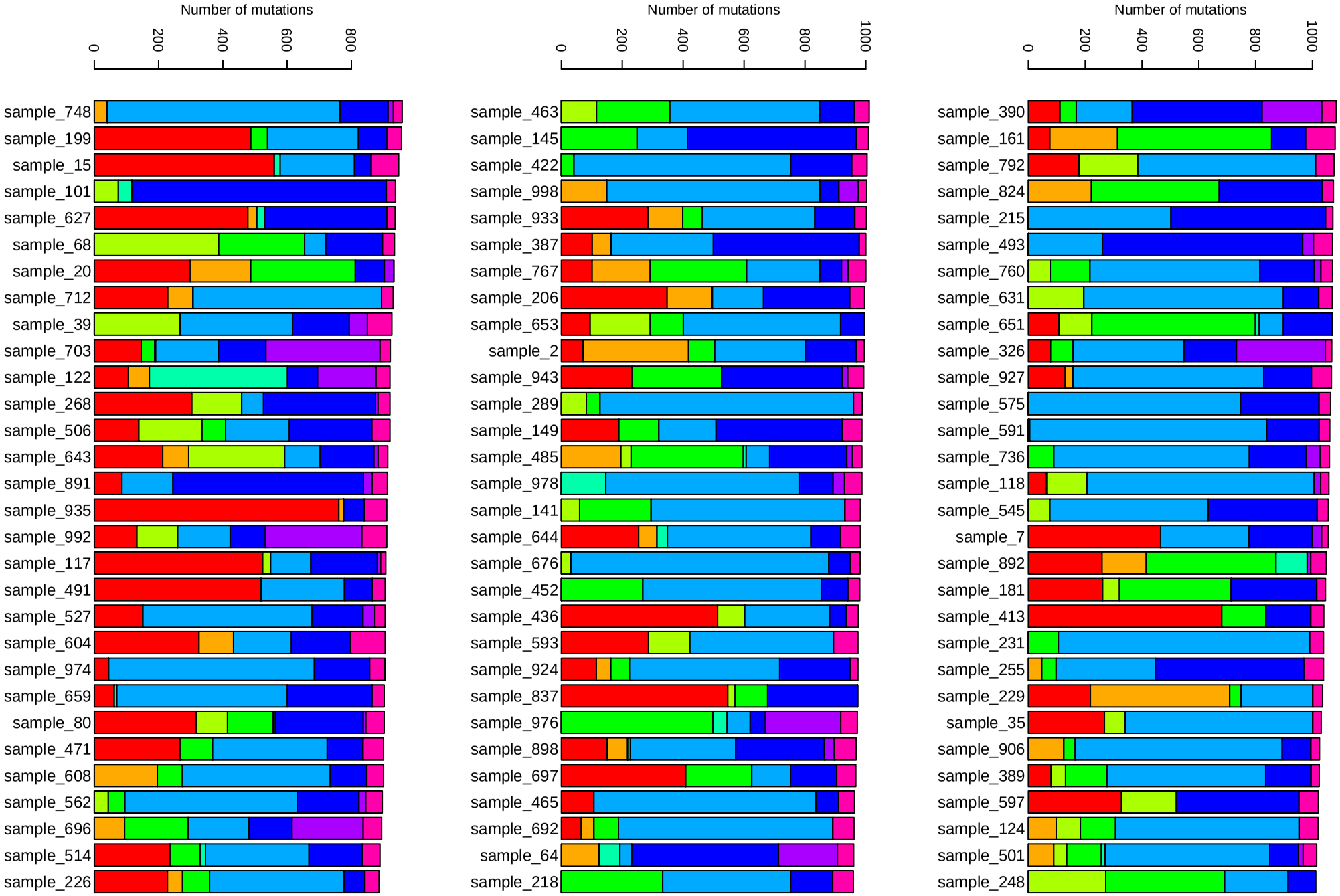
800
1000
sample_694
sample_503
sample_49
sample_532
sample_609
sample_241
sample_700
sample_209
sample_877
sample_315
sample_931
sample_763
sample_828
sample_734
sample_193
sample_216
sample_953
sample_316
sample_581
sample_834
sample_600
sample_53
sample_997
sample_434
sample_110
sample_378
sample_353
sample_460
sample_472
sample_78


Number of mutations
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200
400
600
800
1000
sample_748
sample_199
sample_15
sample_101
sample_627
sample_68
sample_20
sample_712
sample_39
sample_703
sample_122
sample_268
sample_506
sample_643
sample_891
sample_935
sample_992
sample_117
sample_491
sample_527
sample_604
sample_974
sample_659
sample_80
sample_471
sample_608
sample_562
sample_696
sample_514
sample_226
sample_463
sample_145
sample_422
sample_998
sample_933
sample_387
sample_767
sample_206
sample_653
sample_2
sample_943
sample_289
sample_149
sample_485
sample_978
sample_141
sample_644
sample_676
sample_452
sample_436
sample_593
sample_924
sample_837
sample_976
sample_898
sample_697
sample_465
sample_692
sample_64
sample_218
sample_390
sample_161
sample_792
sample_824
sample_215
sample_493
sample_760
sample_631
sample_651
sample_326
sample_927
sample_575
sample_591
sample_736
sample_118
sample_545
sample_7
sample_892
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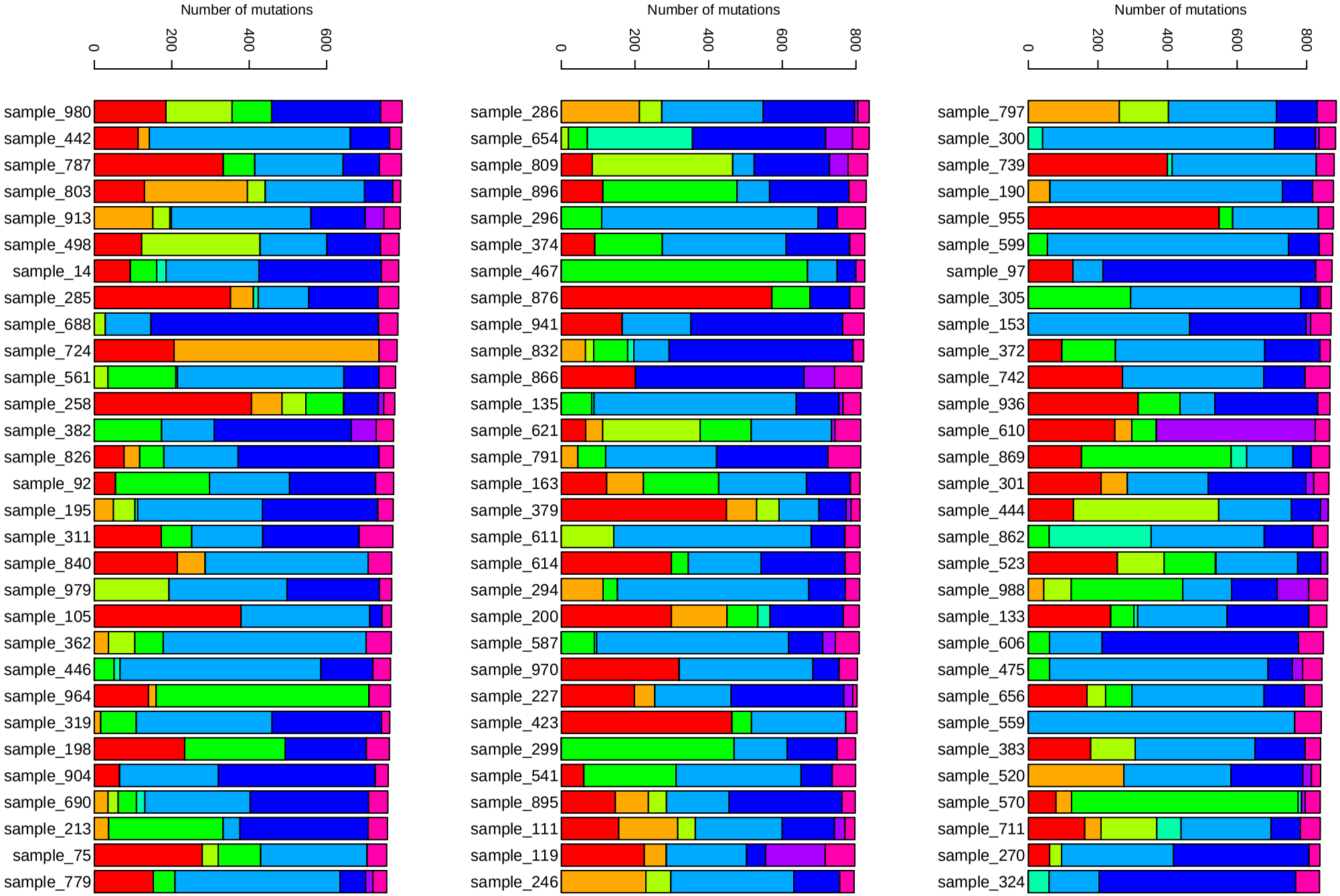
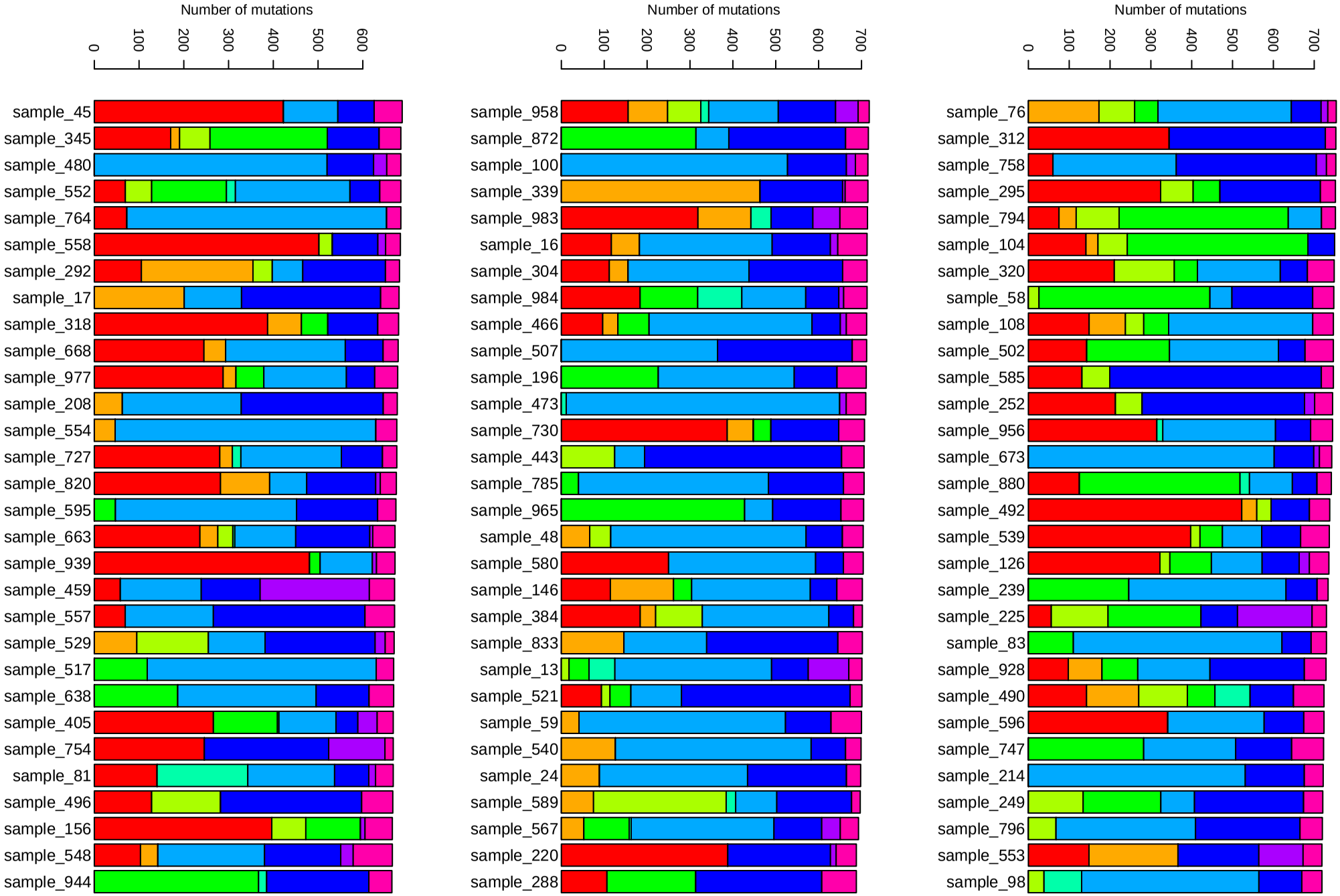
sample_255
sample_229
sample_35
sample_906
sample_389
sample_597
sample_124
sample_501
sample_248


Number of mutations
0
200
400
600
sample_980
sample_442
sample_787
sample_803
sample_913
sample_498
sample_14
sample_285
sample_688
sample_724
sample_561
sample_258
sample_382
sample_826
sample_92
sample_195
sample_311
sample_840
sample_979
sample_105
sample_362
sample_446
sample_964
sample_319
sample_198
sample_904
sample_690
sample_213
sample_75
sample_779
Number of mutations
0
200
400
600
800
sample_286
sample_654
sample_809
sample_896
sample_296
sample_374
sample_467
sample_876
sample_941
sample_832
sample_866
sample_135
sample_621
sample_791
sample_163
sample_379
sample_611
sample_614
sample_294
sample_200
sample_587
sample_970
sample_227
sample_423
sample_299
sample_541
sample_895
sample_111
sample_119
sample_246
Number of mutations
0
200
400
600
800
sample_797
sample_300
sample_739
sample_190
sample_955
sample_599
sample_97
sample_305
sample_153
sample_372
sample_742
sample_936
sample_610
sample_869
sample_301
sample_444
sample_862
sample_523
sample_988
sample_133
sample_606
sample_475
sample_656
sample_559
sample_383
sample_520
sample_570
sample_711
sample_270
sample_324


Number of mutations
0
100
200
300
400
500
600
sample_45
sample_345
sample_480
sample_552
sample_764
sample_558
sample_292
sample_17
sample_318
sample_668
sample_977
sample_208
sample_554
sample_727
sample_820
sample_595
sample_663
sample_939
sample_459
sample_557
sample_529
sample_517
sample_638
sample_405
sample_754
sample_81
sample_496
sample_156
sample_548
sample_944
Number of mutations
0
100
200
300
400
500
600
700
sample_958
sample_872
sample_100
sample_339
sample_983
sample_16
sample_304
sample_984
sample_466
sample_507
sample_196
sample_473
sample_730
sample_443
sample_785
sample_965
sample_48
sample_580
sample_146
sample_384
sample_833
sample_13
sample_521
sample_59
sample_540
sample_24
sample_589
sample_567
sample_220
sample_288
Number of mutations
0
100
200
300
400
500
600
700
sample_76
sample_312
sample_758
sample_295
sample_794
sample_104
sample_320
sample_58
sample_108
sample_502
sample_585
sample_252
sample_956
sample_673
sample_880
sample_492
sample_539
sample_126
sample_239
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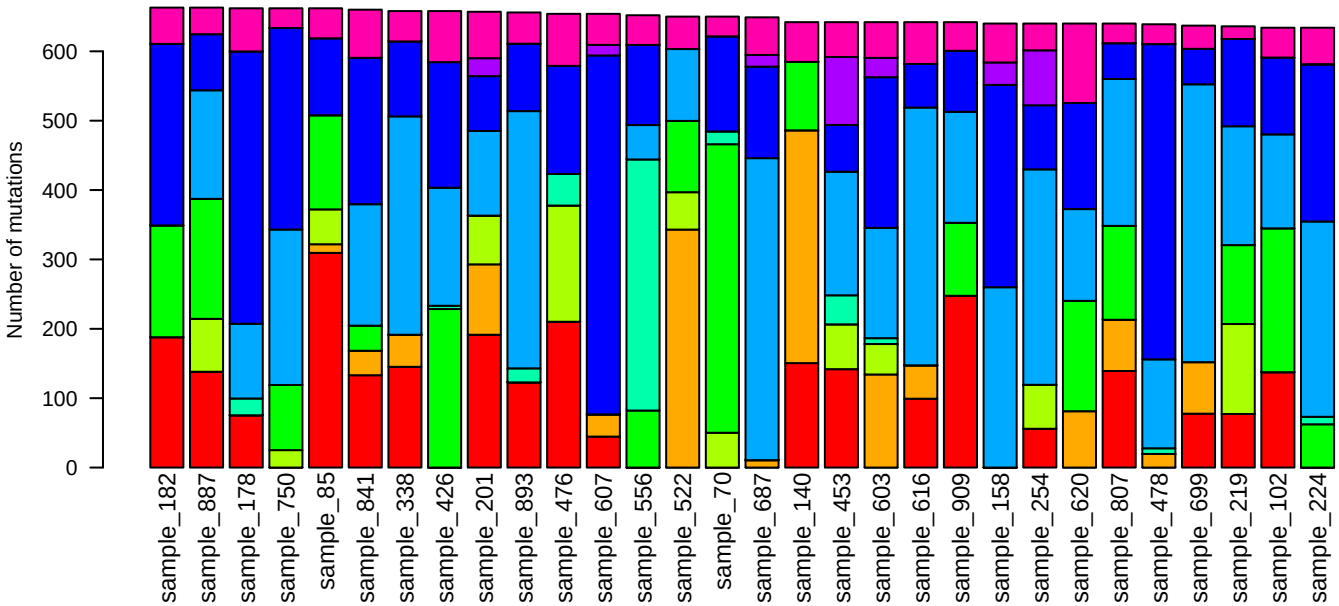
sample_490
sample_596
sample_747
sample_214
sample_249
sample_796
sample_553
sample_98


Number of mutations
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500
600
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sample_178
sample_750
sample_85
sample_841
sample_338
sample_426
sample_201
sample_893
sample_476
sample_607
sample_556
sample_522
sample_70
sample_687
sample_140
sample_453
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sample_158
sample_254
sample_620
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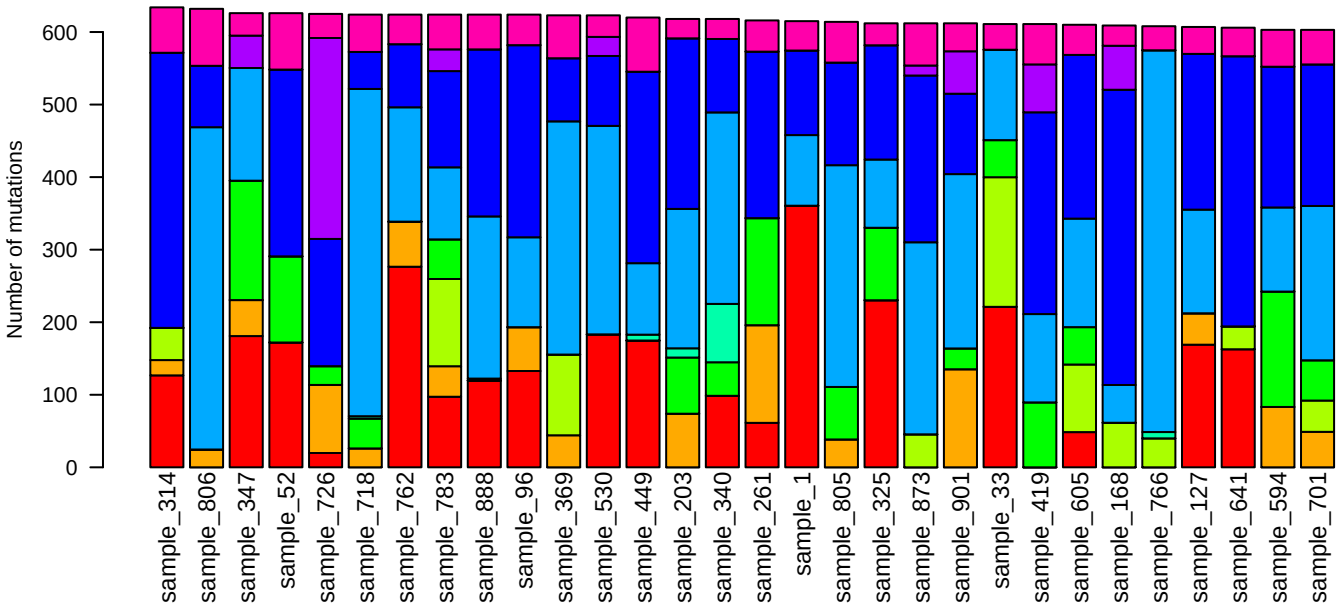
sample_478
sample_699
sample_219
sample_102
sample_224


Number of mutations
0
100
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400
500
600
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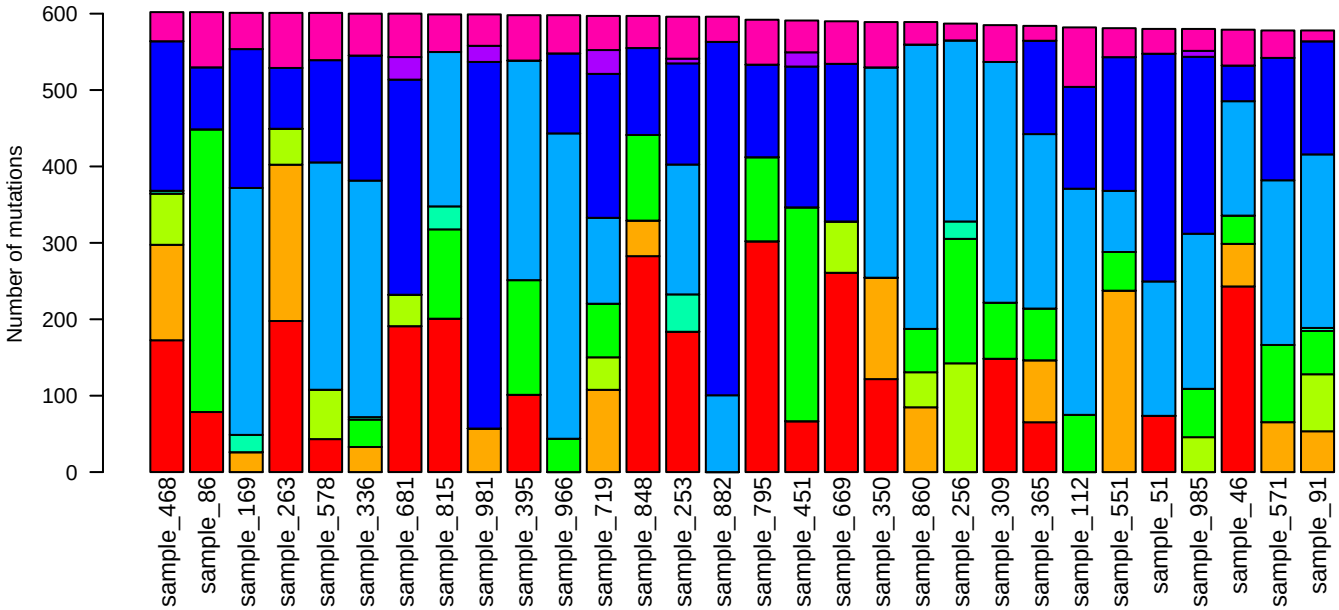
sample_806
sample_347
sample_52
sample_726
sample_718
sample_762
sample_783
sample_888
sample_96
sample_369
sample_530
sample_449
sample_203
sample_340
sample_261
sample_1
sample_805
sample_325
sample_873
sample_901
sample_33
sample_419
sample_605
sample_168
sample_766
sample_127
sample_641
sample_594
sample_701


Number of mutations
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300
400
500
600
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sample_169
sample_263
sample_578
sample_336
sample_681
sample_815
sample_981
sample_395
sample_966
sample_719
sample_848
sample_253
sample_882
sample_795
sample_451
sample_669
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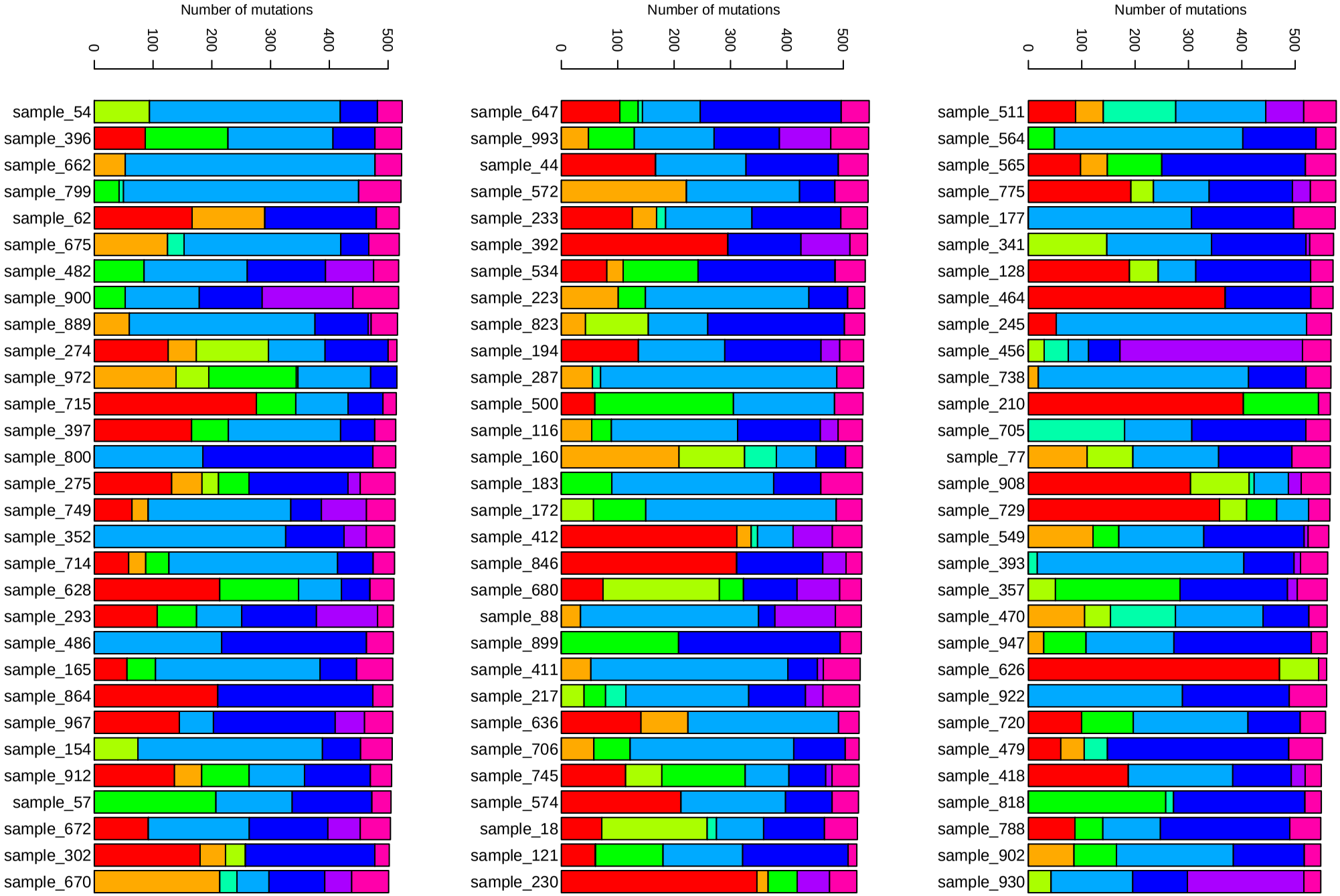
sample_309
sample_365
sample_112
sample_551
sample_51
sample_985
sample_46
sample_571
sample_91


Number of mutations
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sample_675
sample_482
sample_900
sample_889
sample_274
sample_972
sample_715
sample_397
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sample_275
sample_749
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sample_714
sample_628
sample_293
sample_486
sample_165
sample_864
sample_967
sample_154
sample_912
sample_57
sample_672
sample_302
sample_670
Number of mutations
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300
400
500
sample_647
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sample_44
sample_572
sample_233
sample_392
sample_534
sample_223
sample_823
sample_194
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sample_88
sample_899
sample_411
sample_217
sample_636
sample_706
sample_745
sample_574
sample_18
sample_121
sample_230
Number of mutations
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100
200
300
400
500
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sample_456
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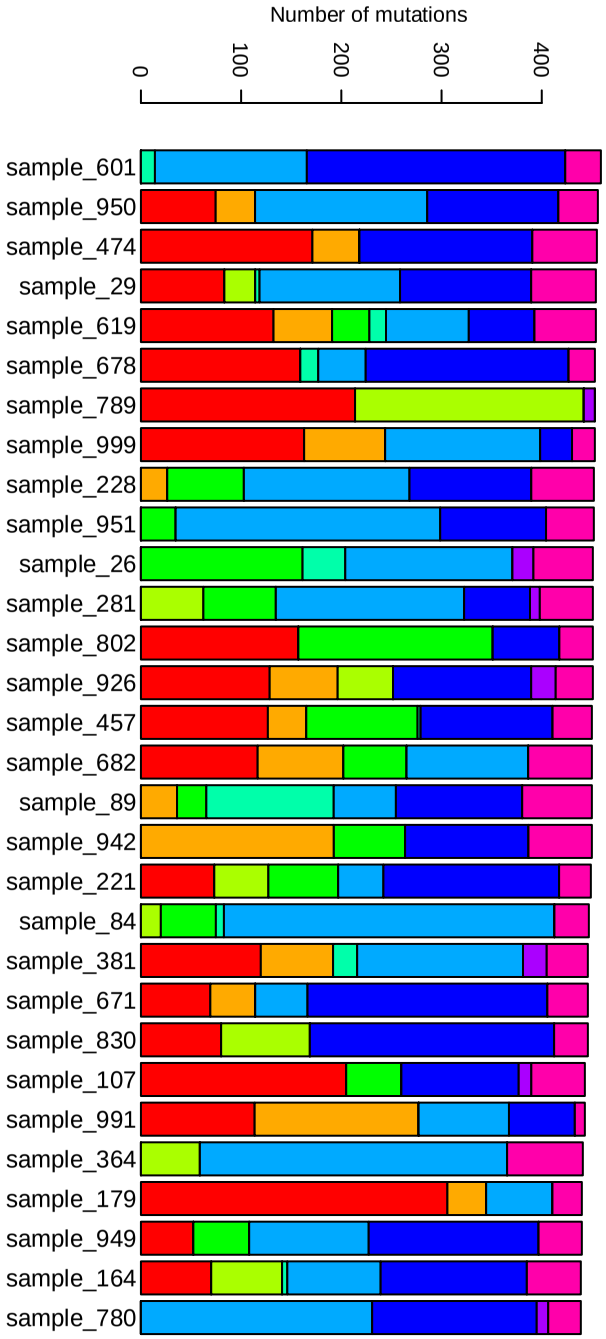
Number of mutations
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sample_601
sample_950
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sample_678
sample_789
sample_999
sample_228
sample_951
sample_26
sample_281
sample_802
sample_926
sample_457
sample_682
sample_89
sample_942
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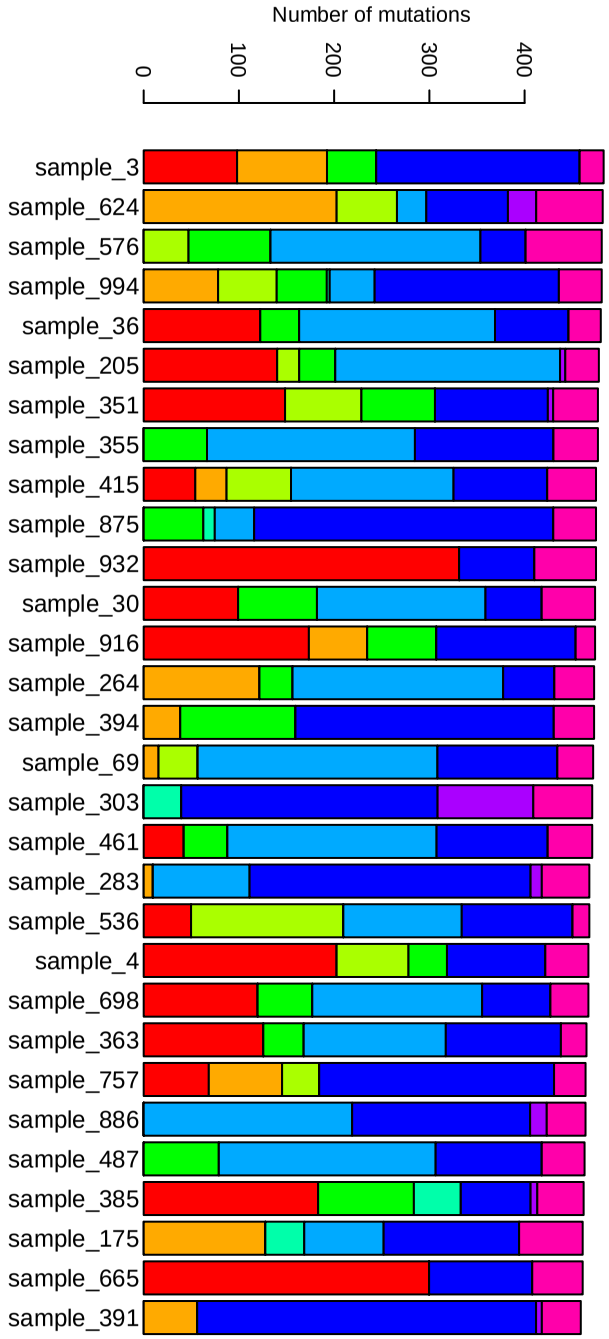
sample_780


Number of mutations
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400
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sample_994
sample_36
sample_205
sample_351
sample_355
sample_415
sample_875
sample_932
sample_30
sample_916
sample_264
sample_394
sample_69
sample_303
sample_461
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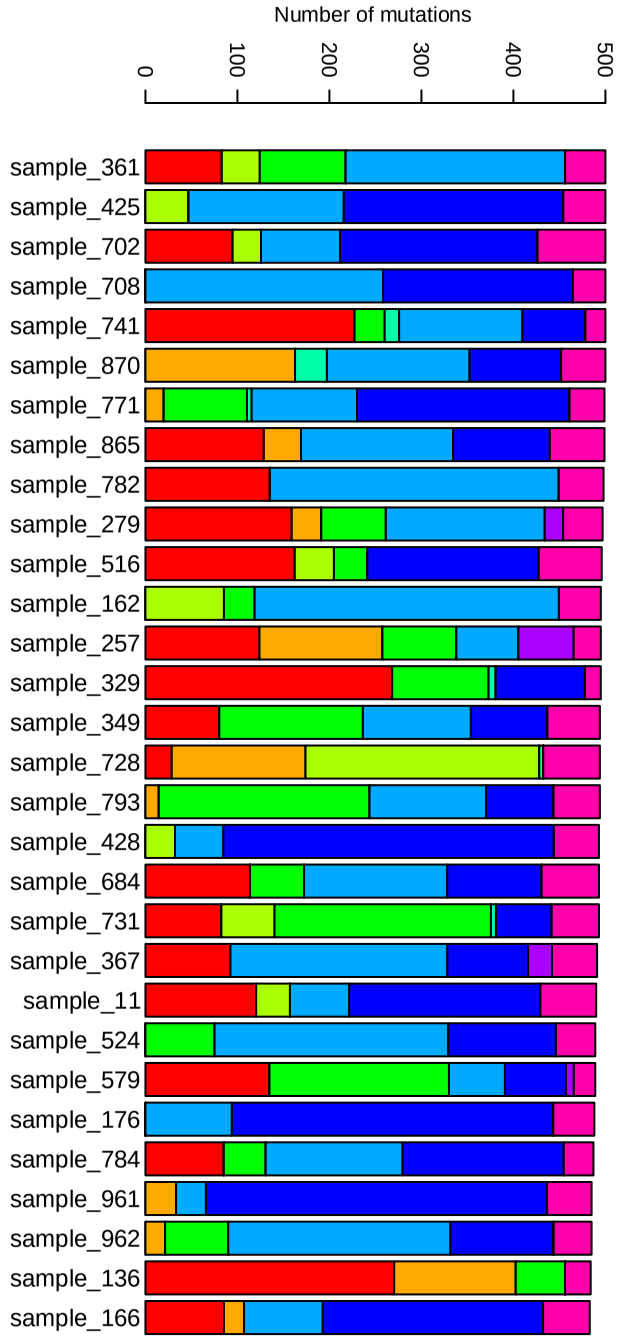
Number of mutations
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500
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sample_708
sample_741
sample_870
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sample_865
sample_782
sample_279
sample_516
sample_162
sample_257
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sample_728
sample_793
sample_428
sample_684
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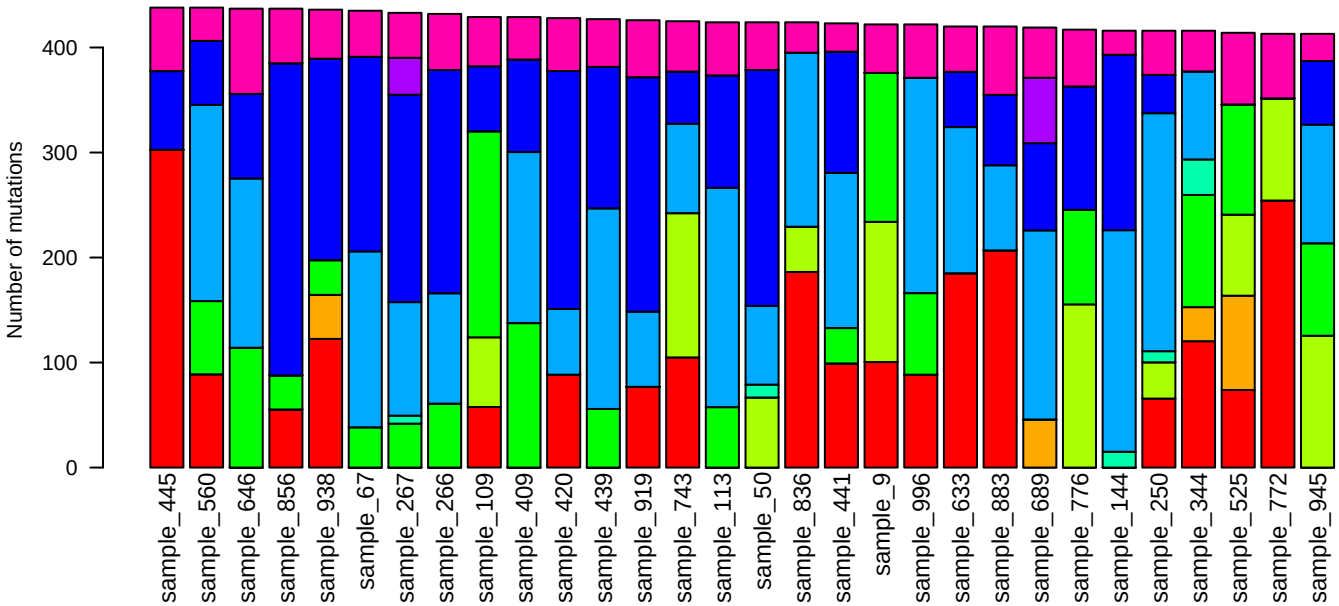
Number of mutations
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sample_67
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sample_439
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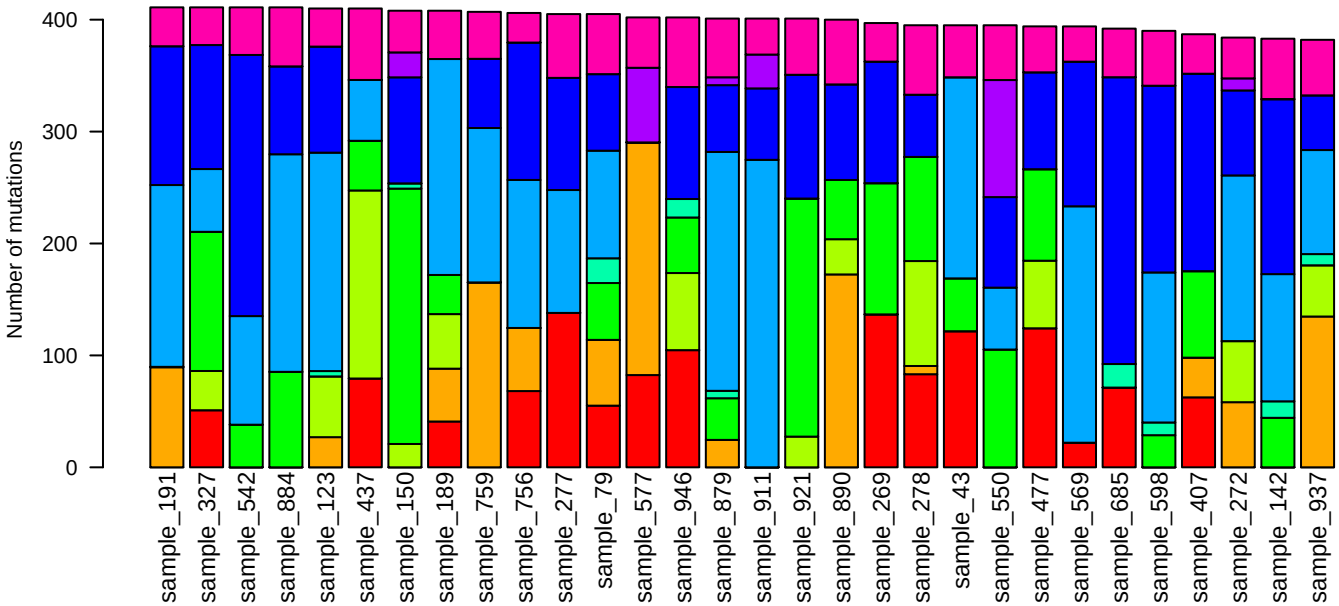
Number of mutations
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300
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sample_123
sample_437
sample_150
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sample_759
sample_756
sample_277
sample_79
sample_577
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sample_879
sample_911
sample_921
sample_890
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sample_598
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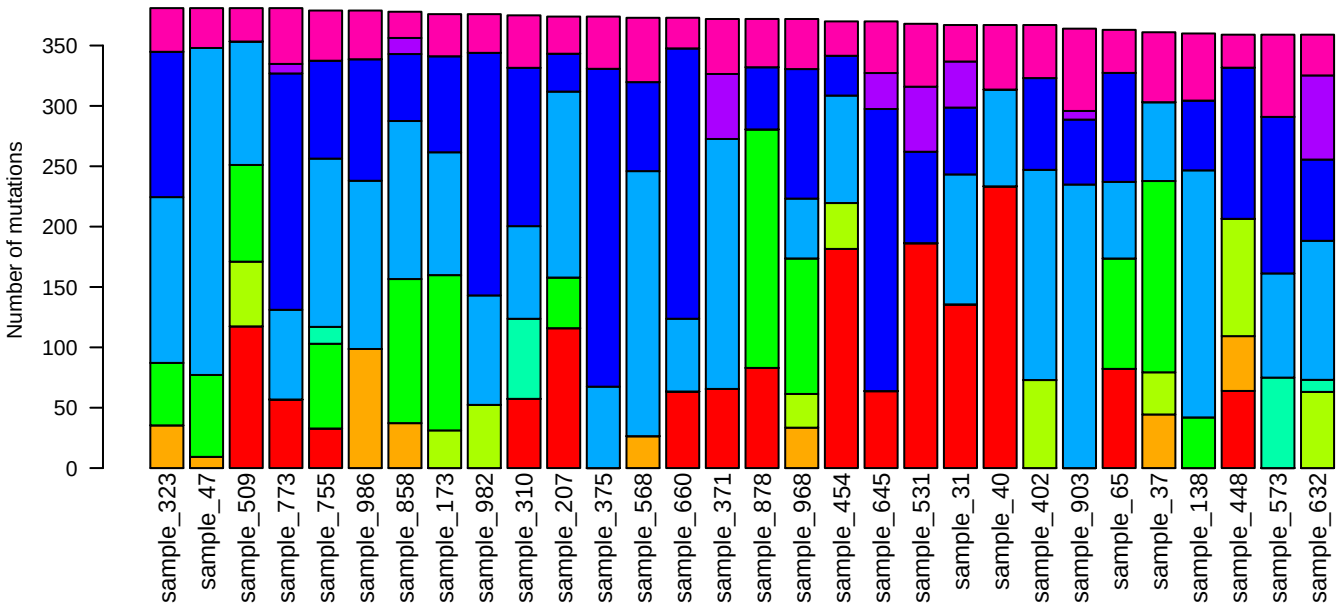
sample_937


Number of mutations
0
50
100
150
200
250
300
350
sample_323
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sample_509
sample_773
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sample_454
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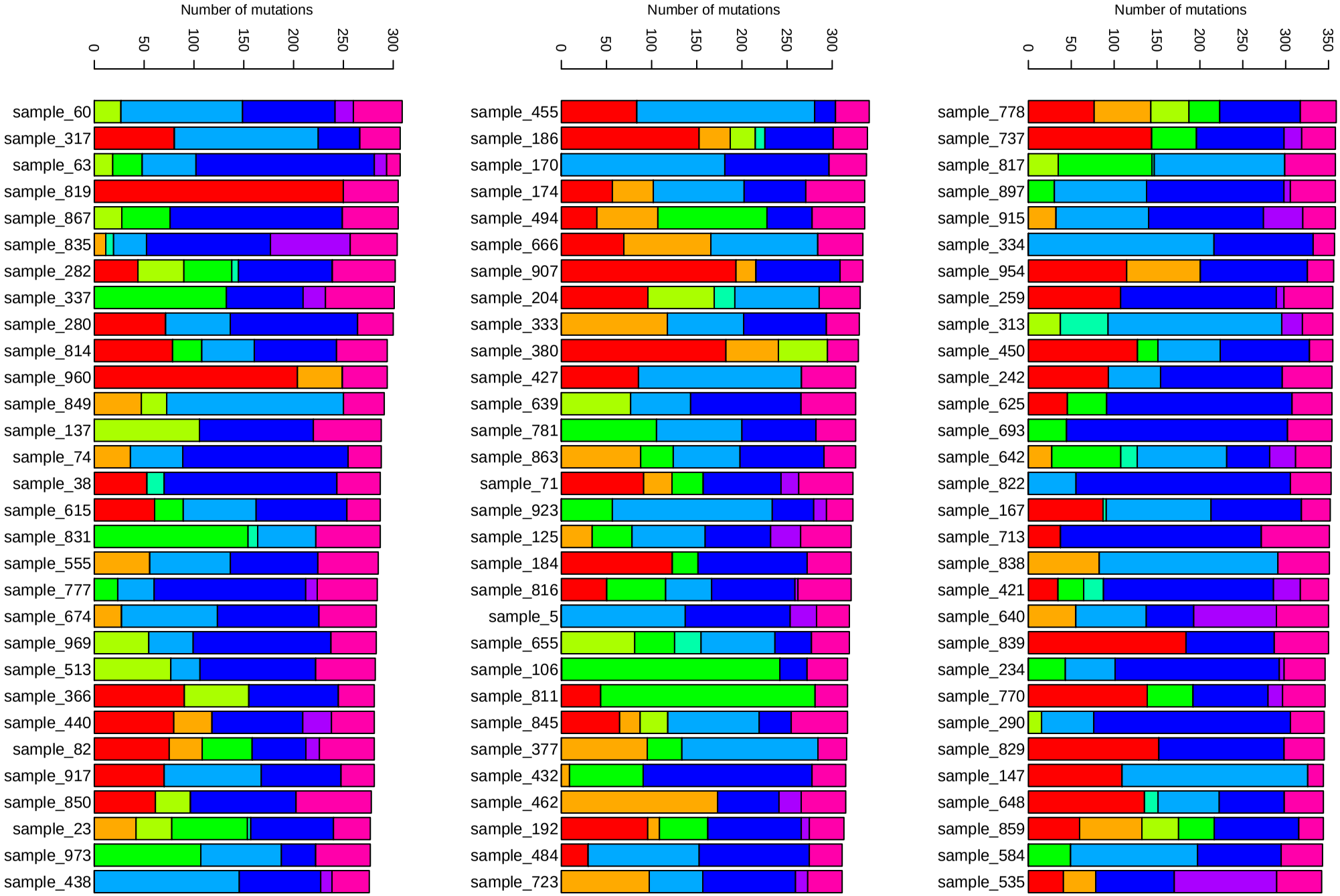
sample_573
sample_632


Number of mutations
0
50
100
150
200
250
300
sample_60
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sample_63
sample_819
sample_867
sample_835
sample_282
sample_337
sample_280
sample_814
sample_960
sample_849
sample_137
sample_74
sample_38
sample_615
sample_831
sample_555
sample_777
sample_674
sample_969
sample_513
sample_366
sample_440
sample_82
sample_917
sample_850
sample_23
sample_973
sample_438
Number of mutations
0
50
100
150
200
250
300
sample_455
sample_186
sample_170
sample_174
sample_494
sample_666
sample_907
sample_204
sample_333
sample_380
sample_427
sample_639
sample_781
sample_863
sample_71
sample_923
sample_125
sample_184
sample_816
sample_5
sample_655
sample_106
sample_811
sample_845
sample_377
sample_432
sample_462
sample_192
sample_484
sample_723
Number of mutations
0
50
100
150
200
250
300
350
sample_778
sample_737
sample_817
sample_897
sample_915
sample_334
sample_954
sample_259
sample_313
sample_450
sample_242
sample_625
sample_693
sample_642
sample_822
sample_167
sample_713
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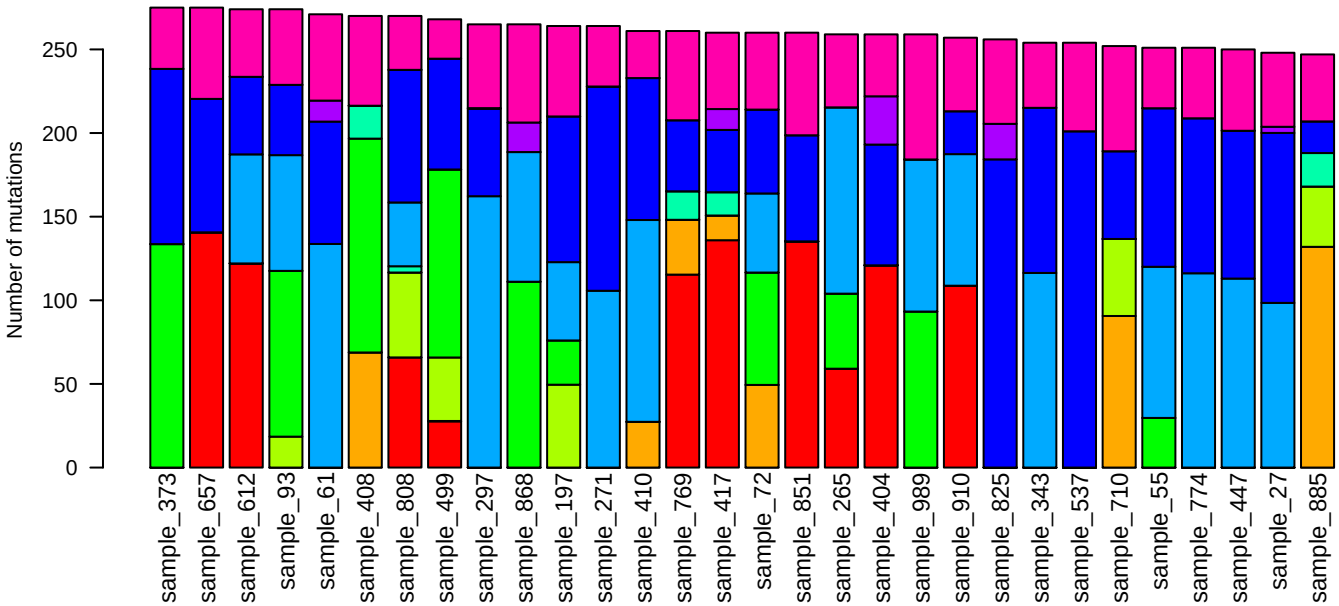
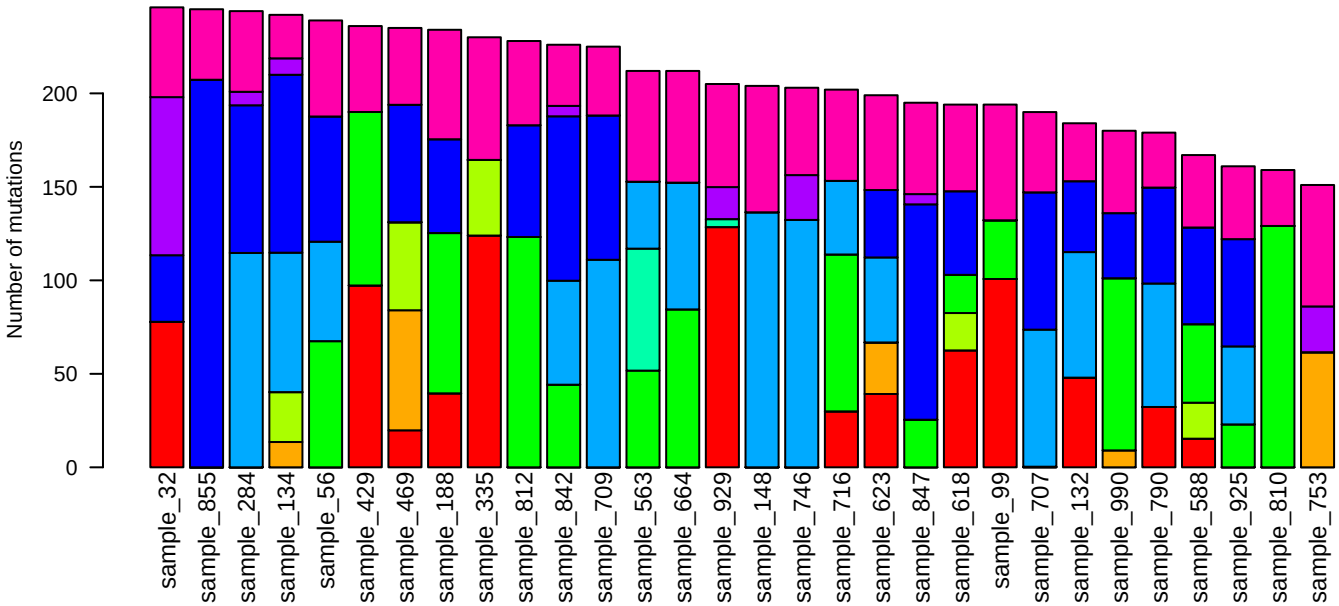
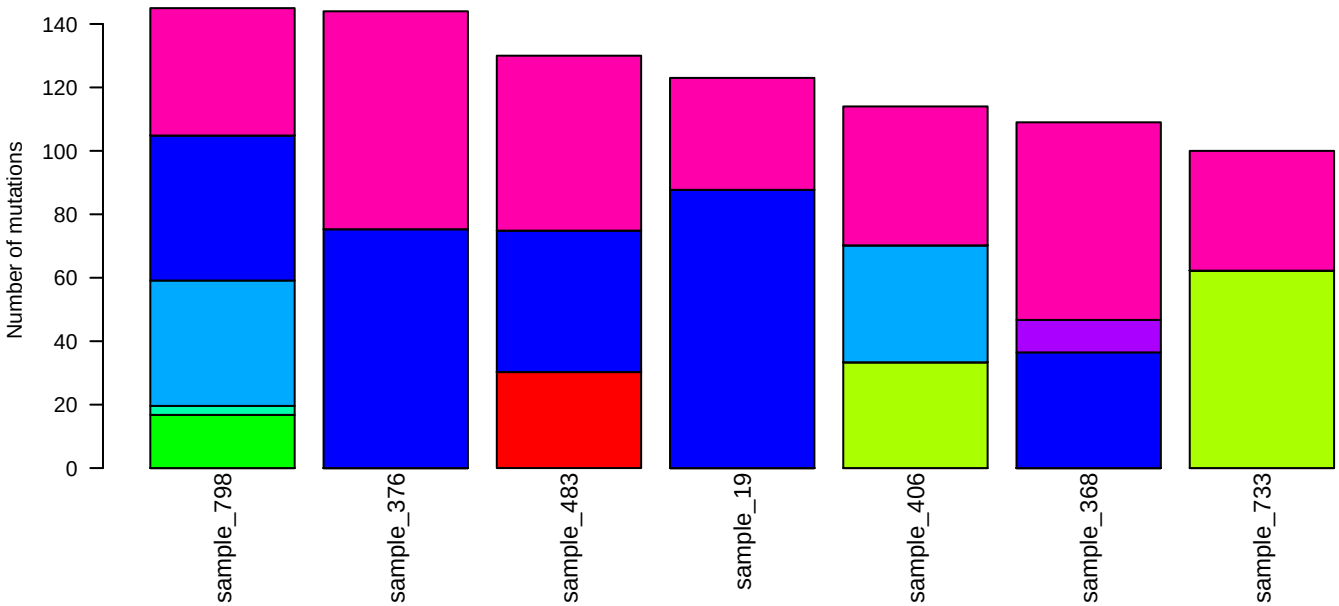
sample_648
sample_859
sample_584
sample_535


Number of mutations
0
50
100
150
200
250
sample_373
sample_657
sample_612
sample_93
sample_61
sample_408
sample_808
sample_499
sample_297
sample_868
sample_197
sample_271
sample_410
sample_769
sample_417
sample_72
sample_851
sample_265
sample_404
sample_989
sample_910
sample_825
sample_343
sample_537
sample_710
sample_55
sample_774
sample_447
sample_27
sample_885


Number of mutations
0
50
100
150
200
sample_32
sample_855
sample_284
sample_134
sample_56
sample_429
sample_469
sample_188
sample_335
sample_812
sample_842
sample_709
sample_563
sample_664
sample_929
sample_148
sample_746
sample_716
sample_623
sample_847
sample_618
sample_99
sample_707
sample_132
sample_990
sample_790
sample_588
sample_925
sample_810
sample_753


Number of mutations
0
20
40
60
80
100
120
140
sample_798
sample_376
sample_483
sample_19
sample_406
sample_368
sample_733