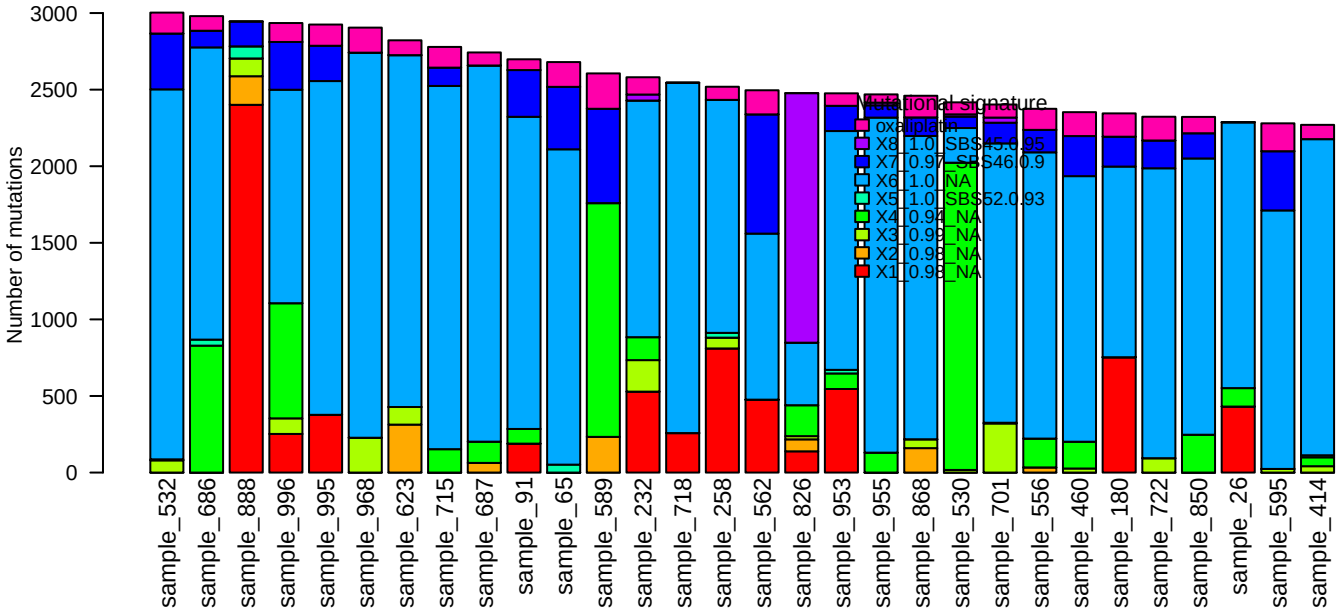
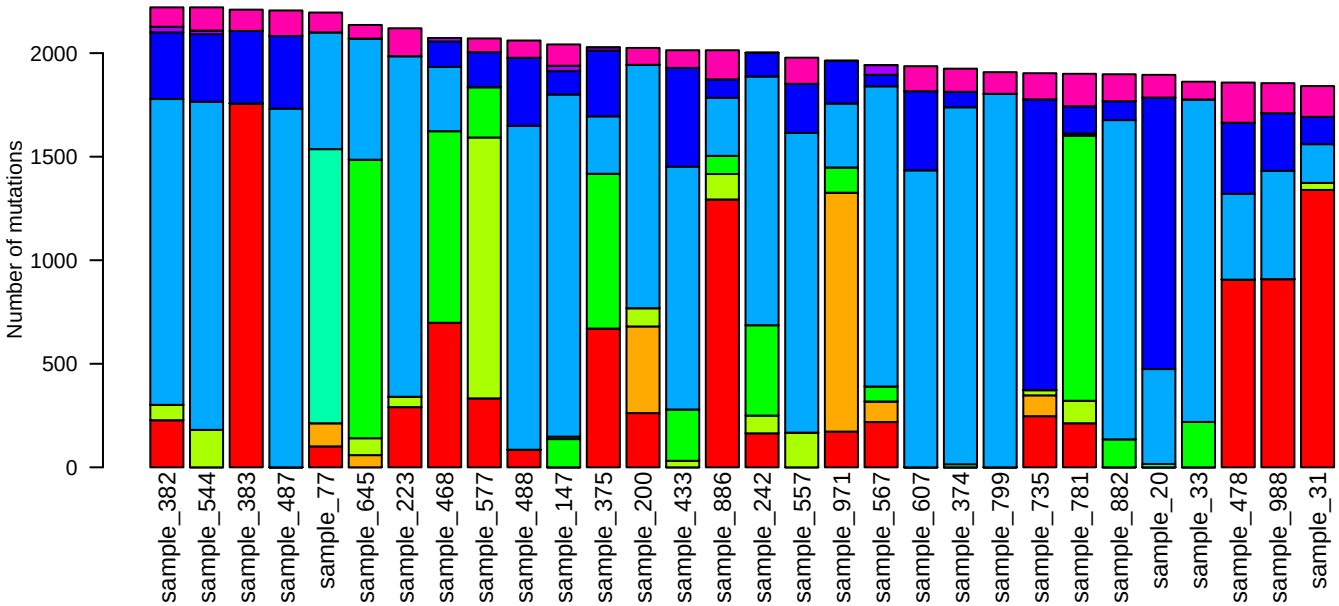
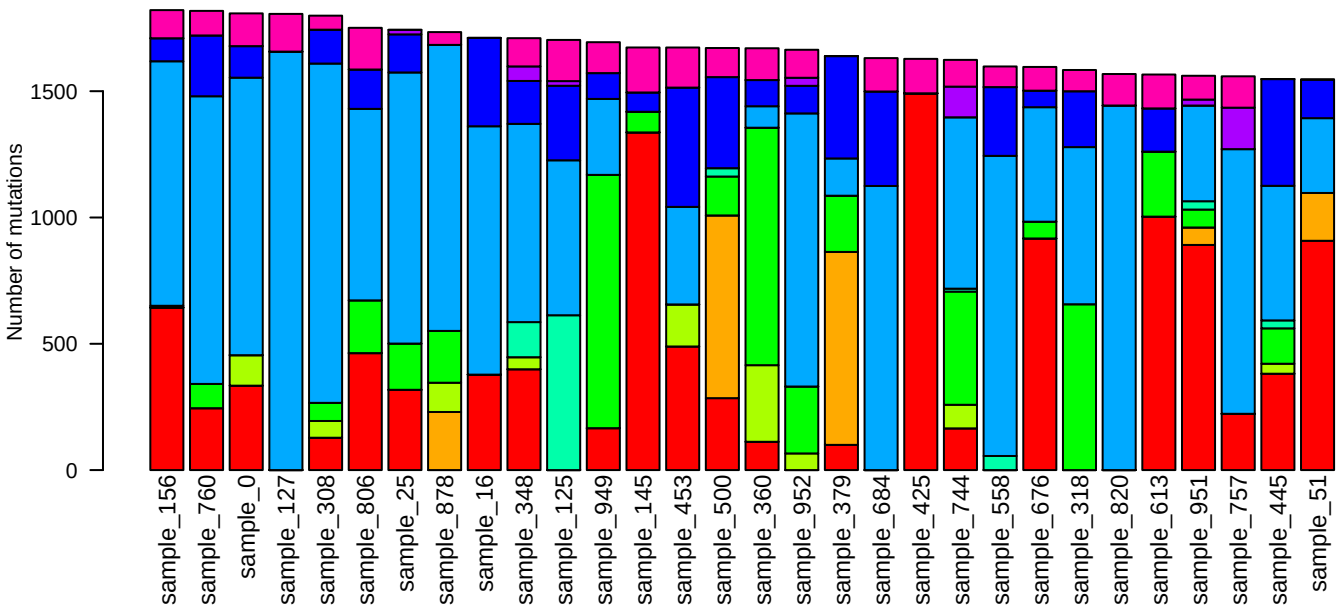
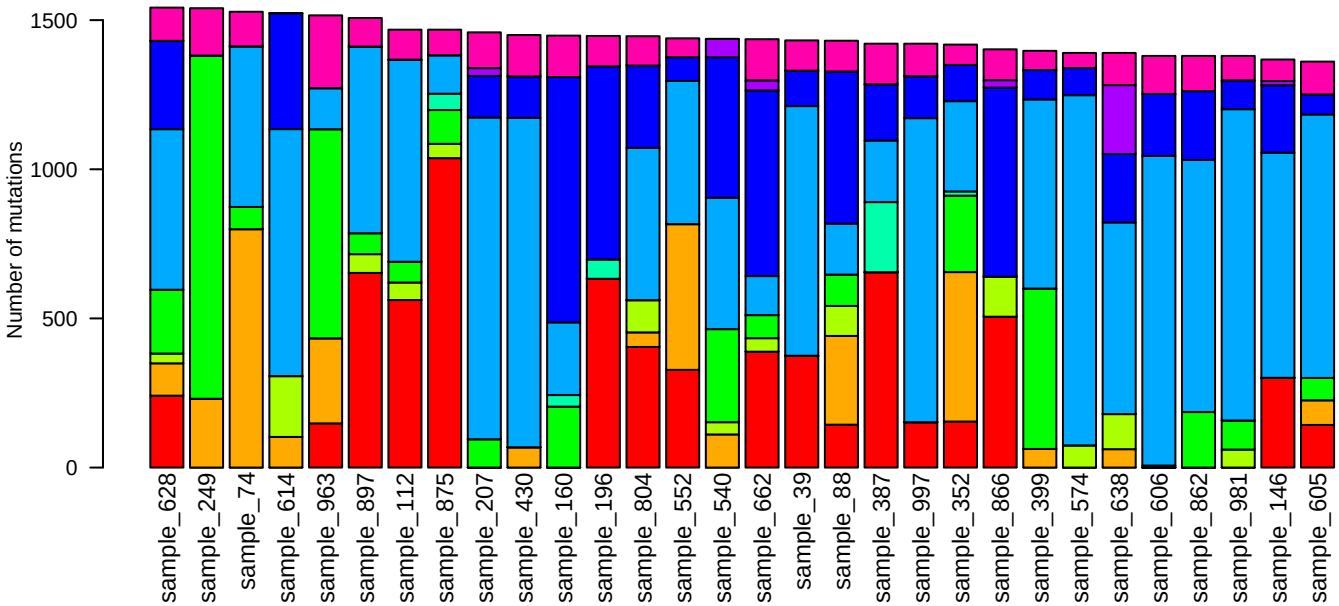

Number of mutations
3000
2500
2000
1500
1000
500
0
Mutational signature
oxaliplatin
X8_1.0_SBS45.0.95
X7_0.97_SBS46.0.9
X6_1.0_NA
X5_1.0_SBS52.0.93
X4_0.94_NA
X3_0.99_NA
X2_0.98_NA
X1_0.98_NA
sample_532
sample_686
sample_888
sample_996
sample_995
sample_968
sample_623
sample_715
sample_687
sample_91
sample_65
sample_589
sample_232
sample_718
sample_258
sample_562
sample_826
sample_953
sample_955
sample_868
sample_530
sample_701
sample_556
sample_460
sample_180
sample_722
sample_850
sample_26
sample_595
sample_414


Number of mutations
2000
1500
1000
500
0
sample_382
sample_544
sample_383
sample_487
sample_77
sample_645
sample_223
sample_468
sample_577
sample_488
sample_147
sample_375
sample_200
sample_433
sample_886
sample_242
sample_557
sample_971
sample_567
sample_607
sample_374
sample_799
sample_735
sample_781
sample_882
sample_20
sample_33
sample_478
sample_988
sample_31


Number of mutations
1500
1000
500
0
sample_156
sample_760
sample_0
sample_127
sample_308
sample_806
sample_25
sample_878
sample_16
sample_348
sample_125
sample_949
sample_145
sample_453
sample_500
sample_360
sample_952
sample_379
sample_684
sample_425
sample_744
sample_558
sample_676
sample_318
sample_820
sample_613
sample_951
sample_757
sample_445
sample_51


Number of mutations
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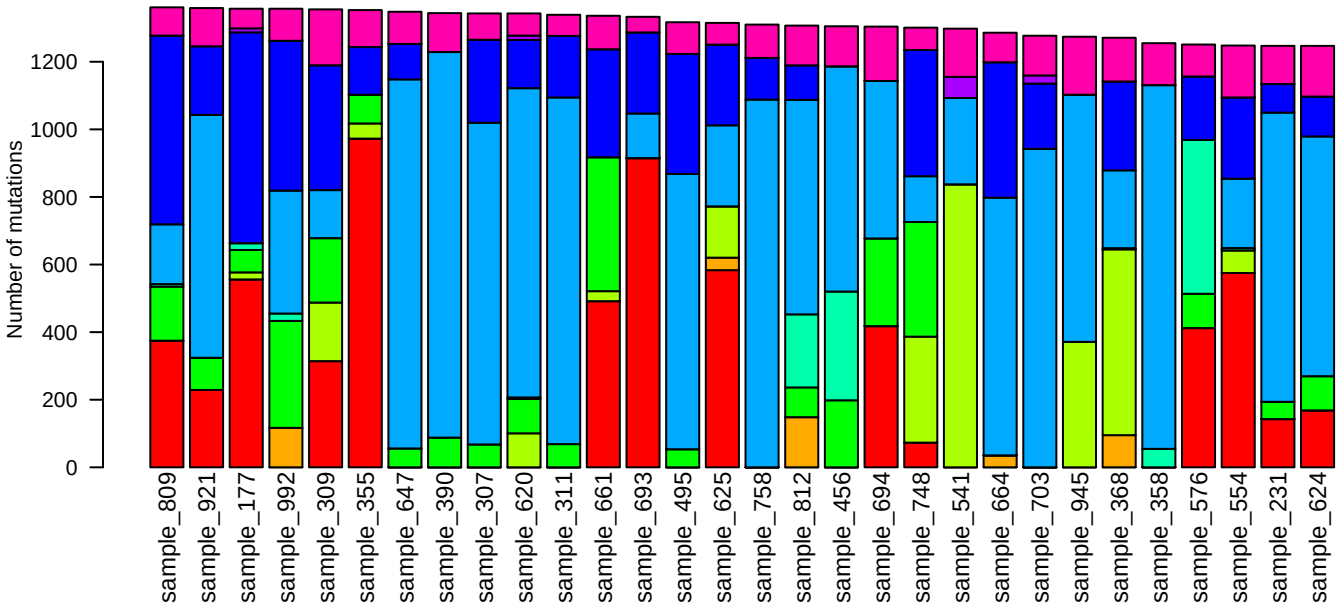
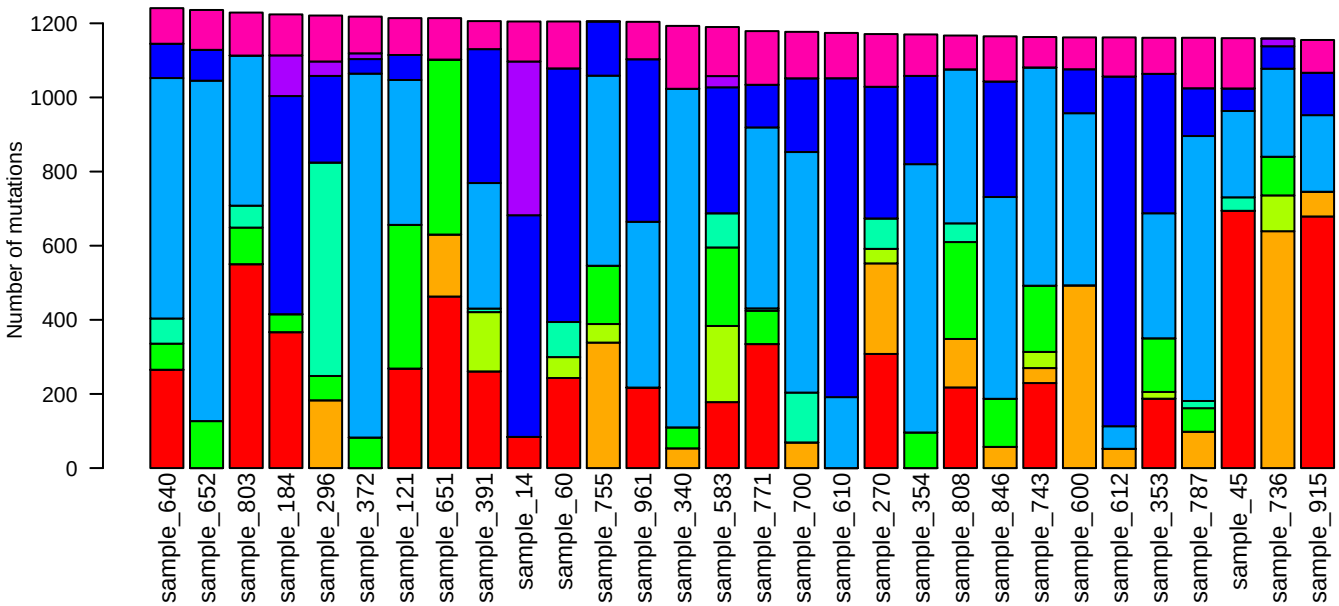
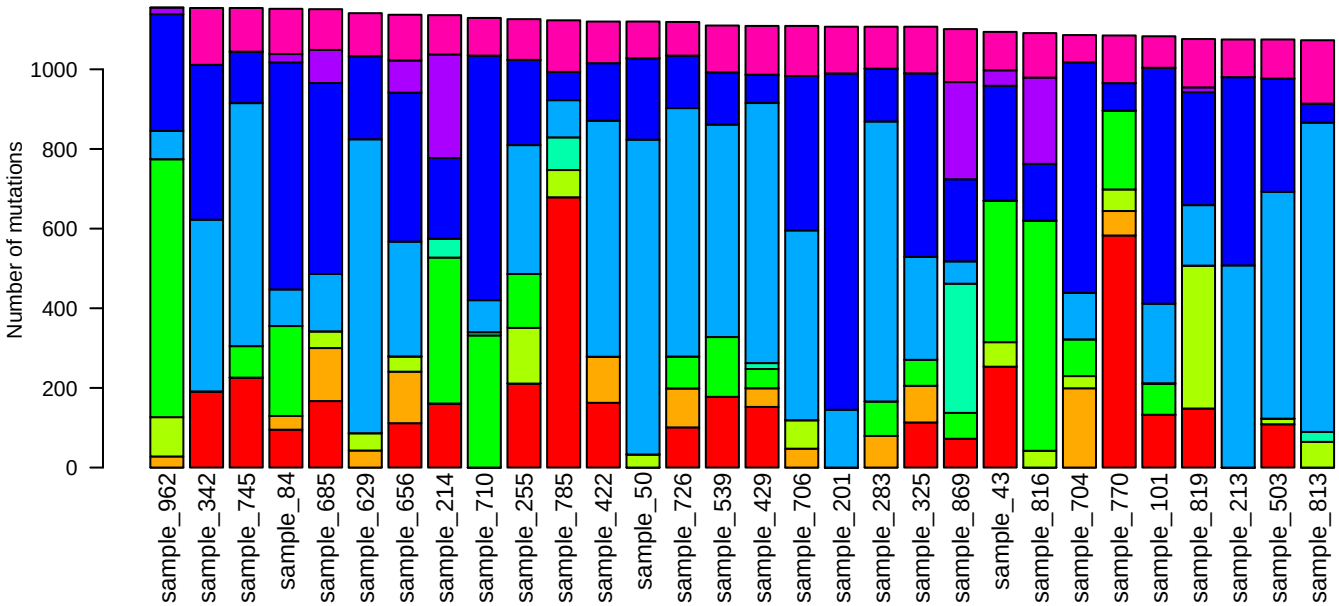
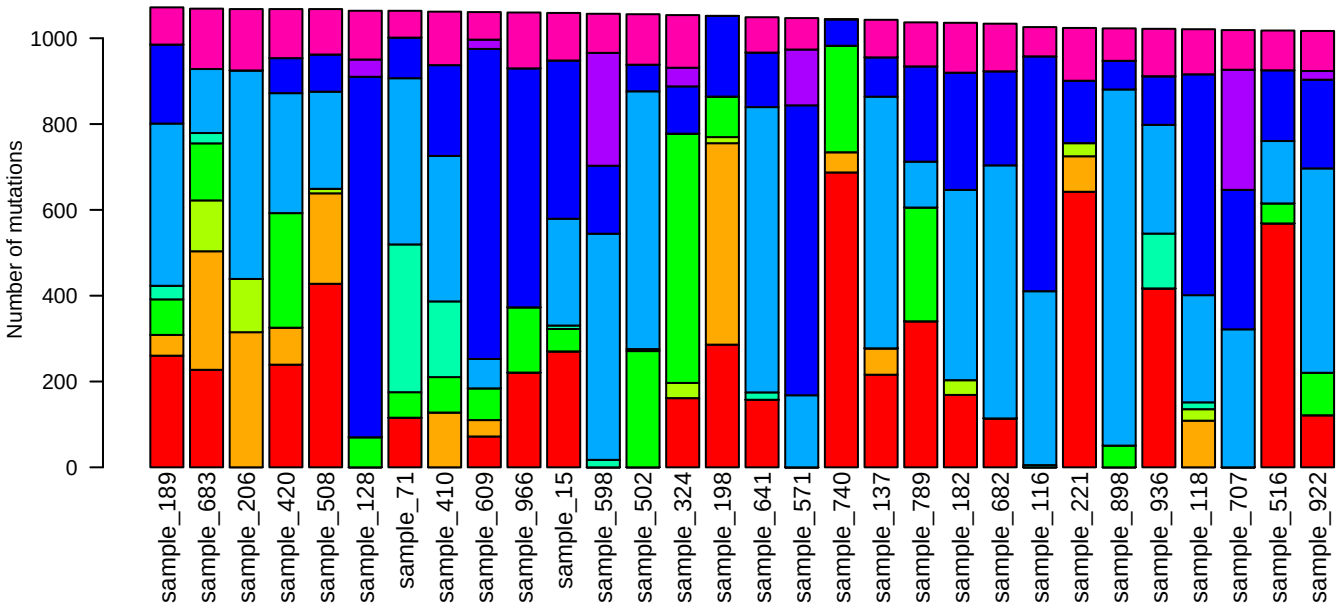
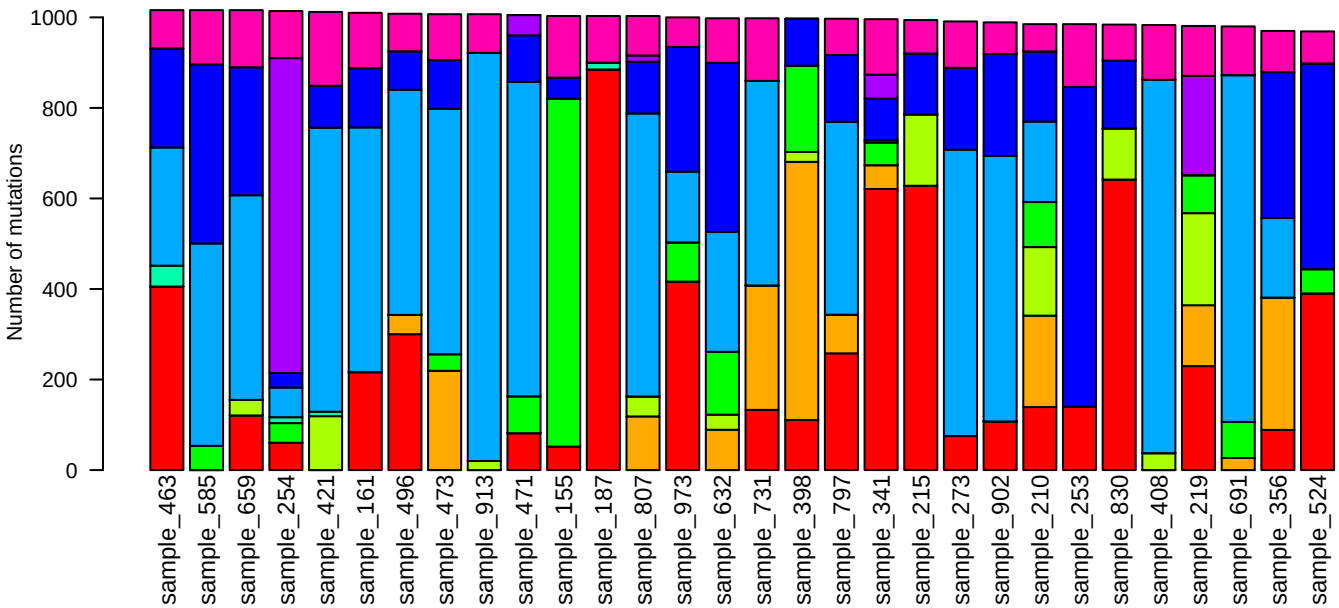
500
1000
1500
sample_628
sample_249
sample_74
sample_614
sample_963
sample_897
sample_112
sample_875
sample_207
sample_430
sample_160
sample_196
sample_804
sample_552
sample_540
sample_662
sample_39
sample_88
sample_387
sample_997
sample_352
sample_866
sample_399
sample_574
sample_638
sample_606
sample_862
sample_981
sample_146
sample_605

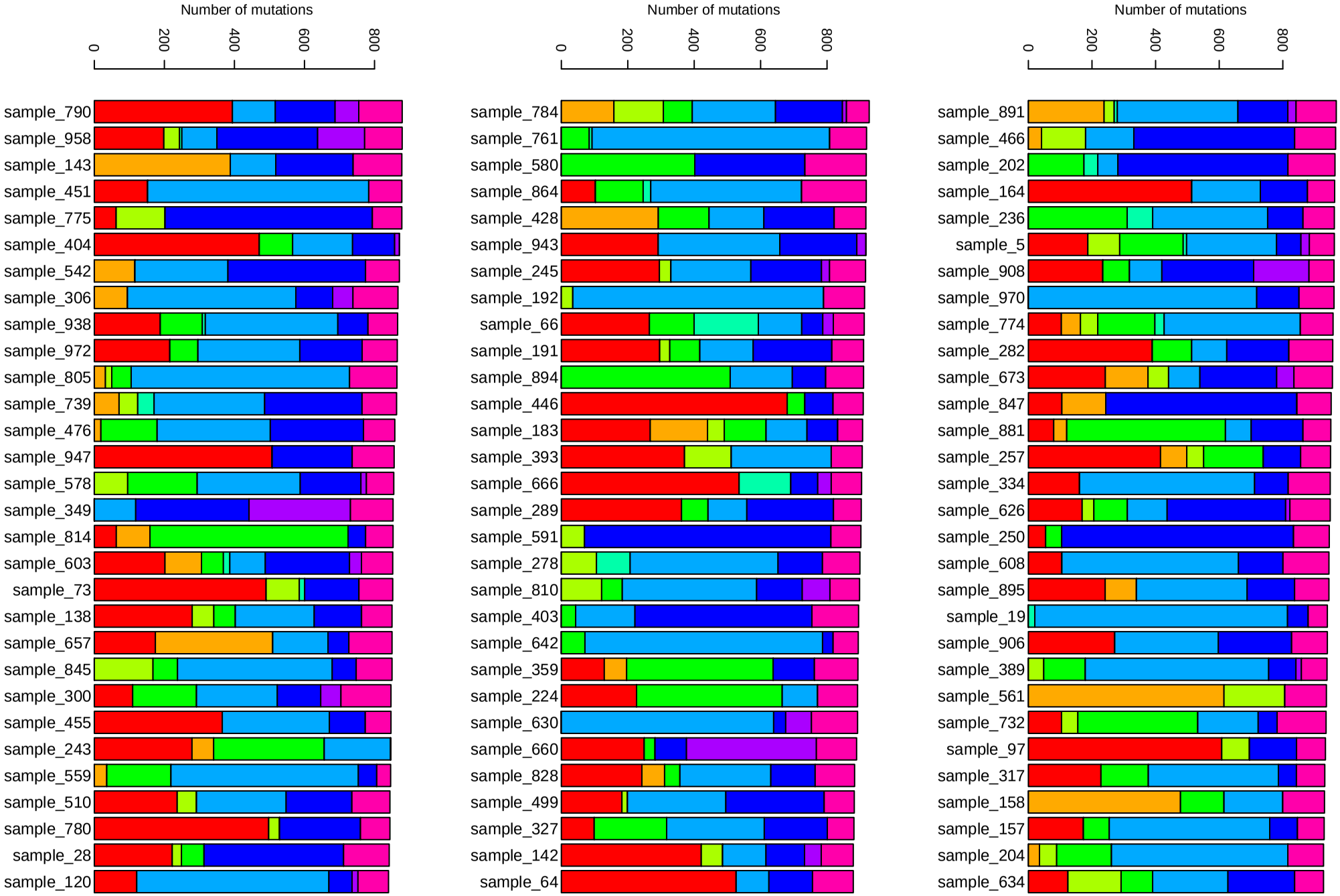

Number of mutations
0
200
400
600
800
1000
1200
sample_809
sample_921
sample_177
sample_992
sample_309
sample_355
sample_647
sample_390
sample_307
sample_620
sample_311
sample_661
sample_693
sample_495
sample_625
sample_758
sample_812
sample_456
sample_694
sample_748
sample_541
sample_664
sample_703
sample_945
sample_368
sample_358
sample_576
sample_554
sample_231
sample_624

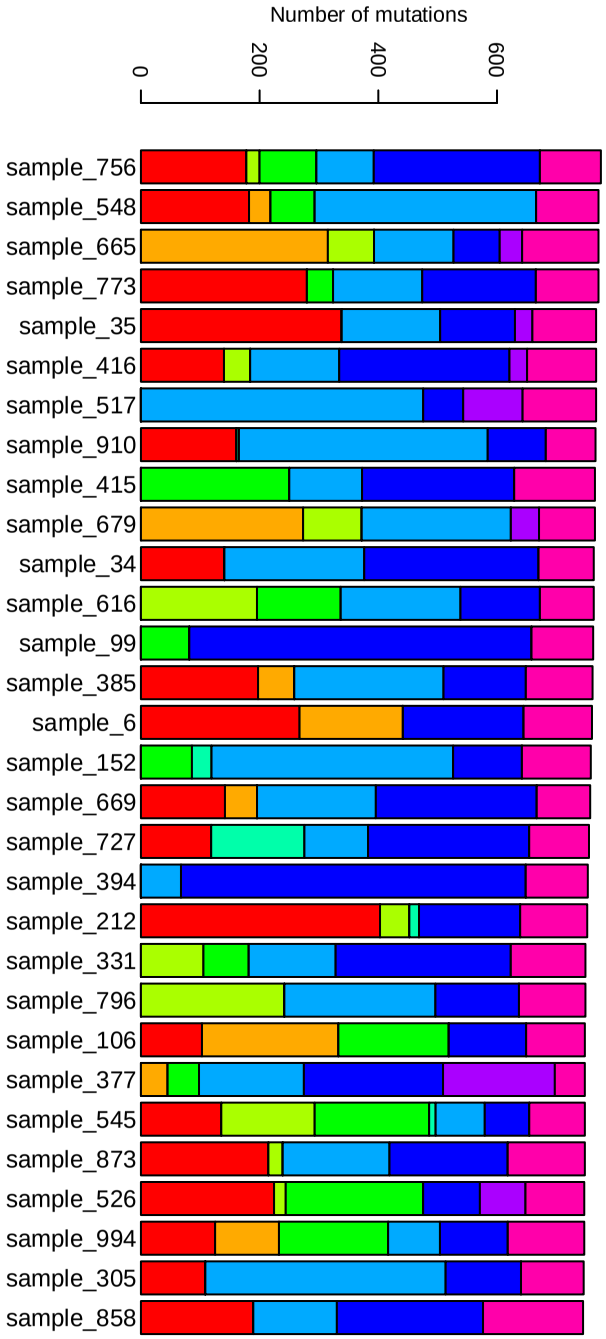

Number of mutations
0
200
400
600
800
1000
1200
sample_640
sample_652
sample_803
sample_184
sample_296
sample_372
sample_121
sample_651
sample_391
sample_14
sample_60
sample_755
sample_961
sample_340
sample_583
sample_771
sample_700
sample_610
sample_270
sample_354
sample_808
sample_846
sample_743
sample_600
sample_612
sample_353
sample_787
sample_45
sample_736
sample_915

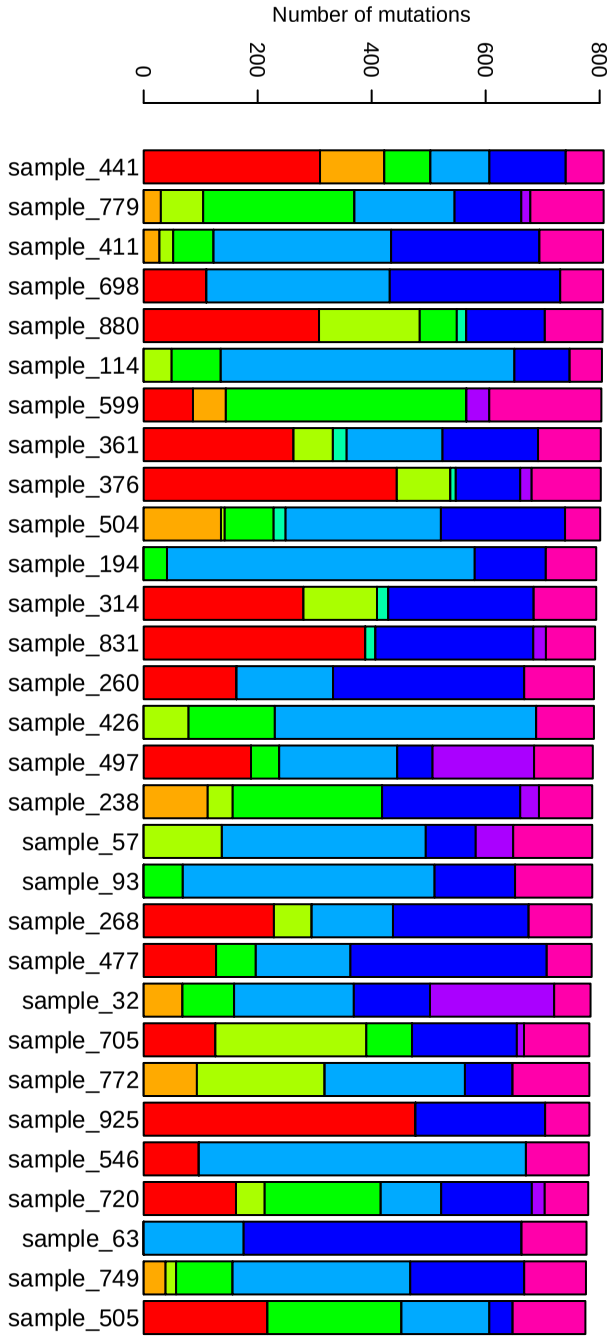

Number of mutations
0
200
400
600
800
1000
sample_962
sample_342
sample_745
sample_84
sample_685
sample_629
sample_656
sample_214
sample_710
sample_255
sample_785
sample_422
sample_50
sample_726
sample_539
sample_429
sample_706
sample_201
sample_283
sample_325
sample_869
sample_43
sample_816
sample_704
sample_770
sample_101
sample_819
sample_213
sample_503
sample_813

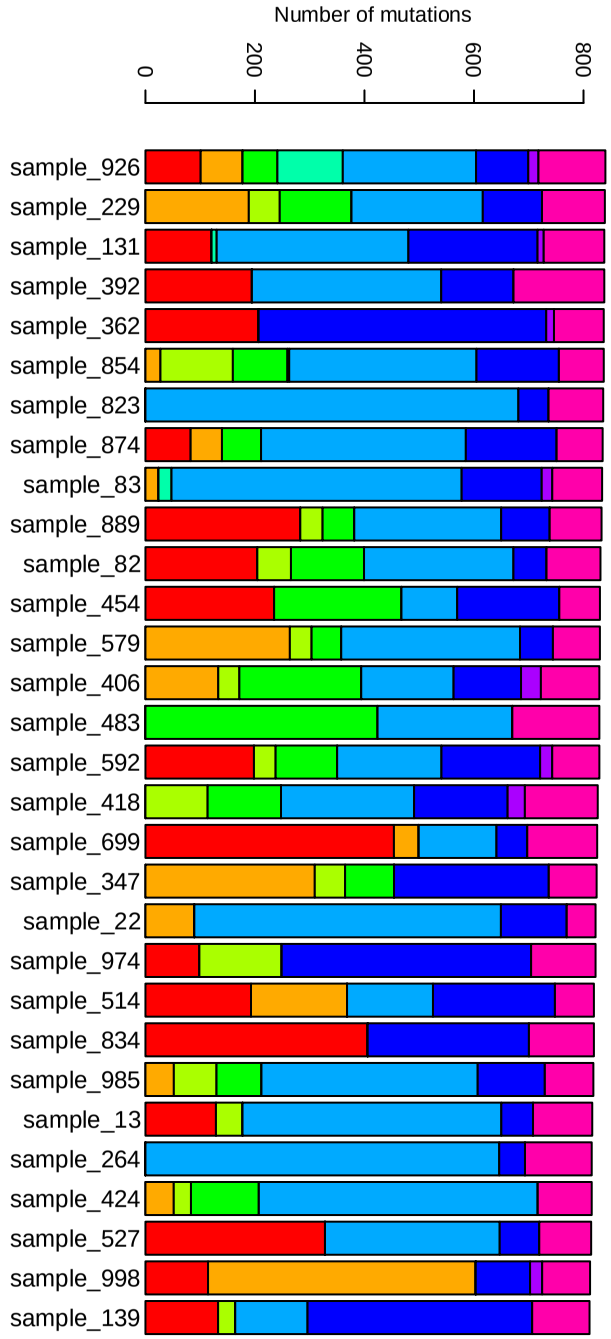

Number of mutations
0
200
400
600
800
1000
sample_189
sample_683
sample_206
sample_420
sample_508
sample_128
sample_71
sample_410
sample_609
sample_966
sample_15
sample_598
sample_502
sample_324
sample_198
sample_641
sample_571
sample_740
sample_137
sample_789
sample_182
sample_682
sample_116
sample_221
sample_898
sample_936
sample_118
sample_707
sample_516
sample_922

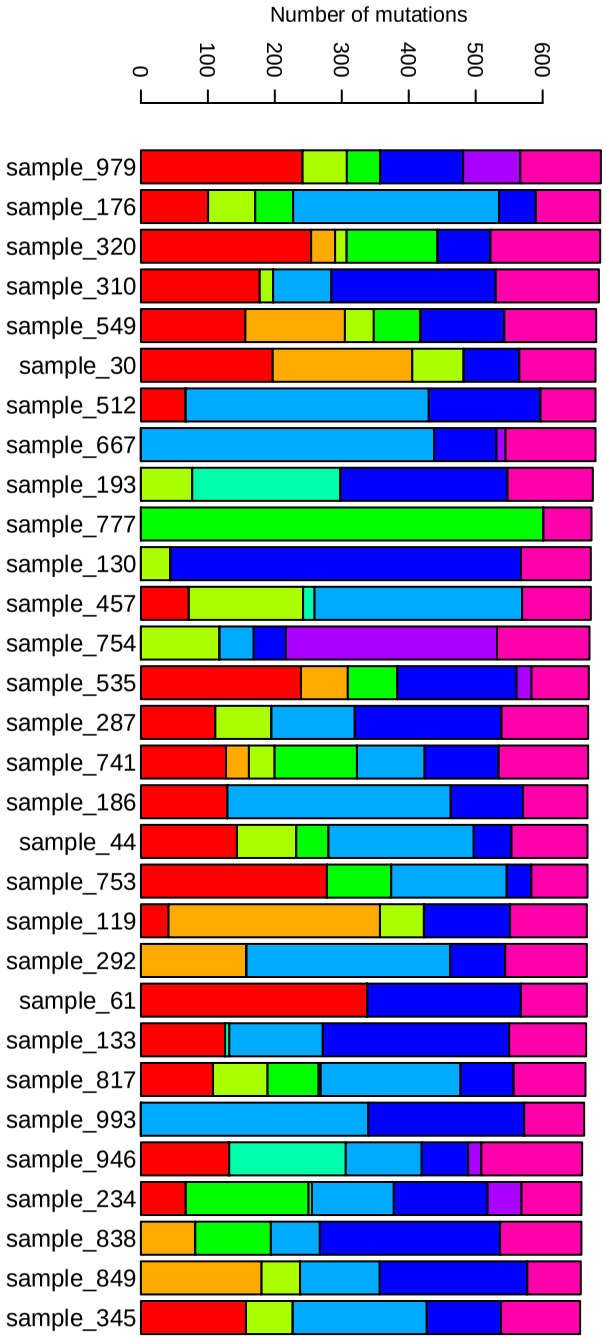

Number of mutations
0
200
400
600
800
1000
sample_463
sample_585
sample_659
sample_254
sample_421
sample_161
sample_496
sample_473
sample_913
sample_471
sample_155
sample_187
sample_807
sample_973
sample_632
sample_731
sample_398
sample_797
sample_341
sample_215
sample_273
sample_902
sample_210
sample_253
sample_830
sample_408
sample_219
sample_691
sample_356
sample_524


Number of mutations
0
200
400
600
800
sample_790
sample_958
sample_143
sample_451
sample_775
sample_404
sample_542
sample_306
sample_938
sample_972
sample_805
sample_739
sample_476
sample_947
sample_578
sample_349
sample_814
sample_603
sample_73
sample_138
sample_657
sample_845
sample_300
sample_455
sample_243
sample_559
sample_510
sample_780
sample_28
sample_120
Number of mutations
0
200
400
600
800
sample_784
sample_761
sample_580
sample_864
sample_428
sample_943
sample_245
sample_192
sample_66
sample_191
sample_894
sample_446
sample_183
sample_393
sample_666
sample_289
sample_591
sample_278
sample_810
sample_403
sample_642
sample_359
sample_224
sample_630
sample_660
sample_828
sample_499
sample_327
sample_142
sample_64
Number of mutations
0
200
400
600
800
sample_891
sample_466
sample_202
sample_164
sample_236
sample_5
sample_908
sample_970
sample_774
sample_282
sample_673
sample_847
sample_881
sample_257
sample_334
sample_626
sample_250
sample_608
sample_895
sample_19
sample_906
sample_389
sample_561
sample_732
sample_97
sample_317
sample_158
sample_157
sample_204
sample_634


Number of mutations
0
200
400
600
sample_756
sample_548
sample_665
sample_773
sample_35
sample_416
sample_517
sample_910
sample_415
sample_679
sample_34
sample_616
sample_99
sample_385
sample_6
sample_152
sample_669
sample_727
sample_394
sample_212
sample_331
sample_796
sample_106
sample_377
sample_545
sample_873
sample_526
sample_994
sample_305
sample_858


Number of mutations
0
200
400
600
800
sample_441
sample_779
sample_411
sample_698
sample_880
sample_114
sample_599
sample_361
sample_376
sample_504
sample_194
sample_314
sample_831
sample_260
sample_426
sample_497
sample_238
sample_57
sample_93
sample_268
sample_477
sample_32
sample_705
sample_772
sample_925
sample_546
sample_720
sample_63
sample_749
sample_505


Number of mutations
0
200
400
600
800
sample_926
sample_229
sample_131
sample_392
sample_362
sample_854
sample_823
sample_874
sample_83
sample_889
sample_82
sample_454
sample_579
sample_406
sample_483
sample_592
sample_418
sample_699
sample_347
sample_22
sample_974
sample_514
sample_834
sample_985
sample_13
sample_264
sample_424
sample_527
sample_998
sample_139


Number of mutations
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100
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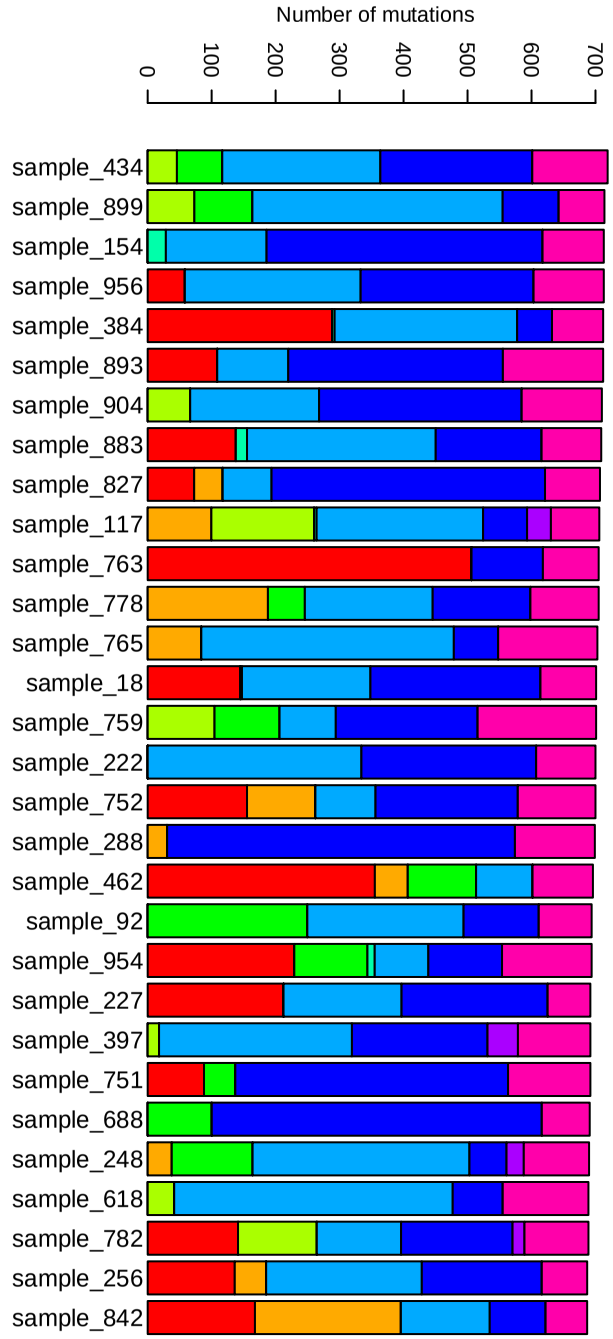
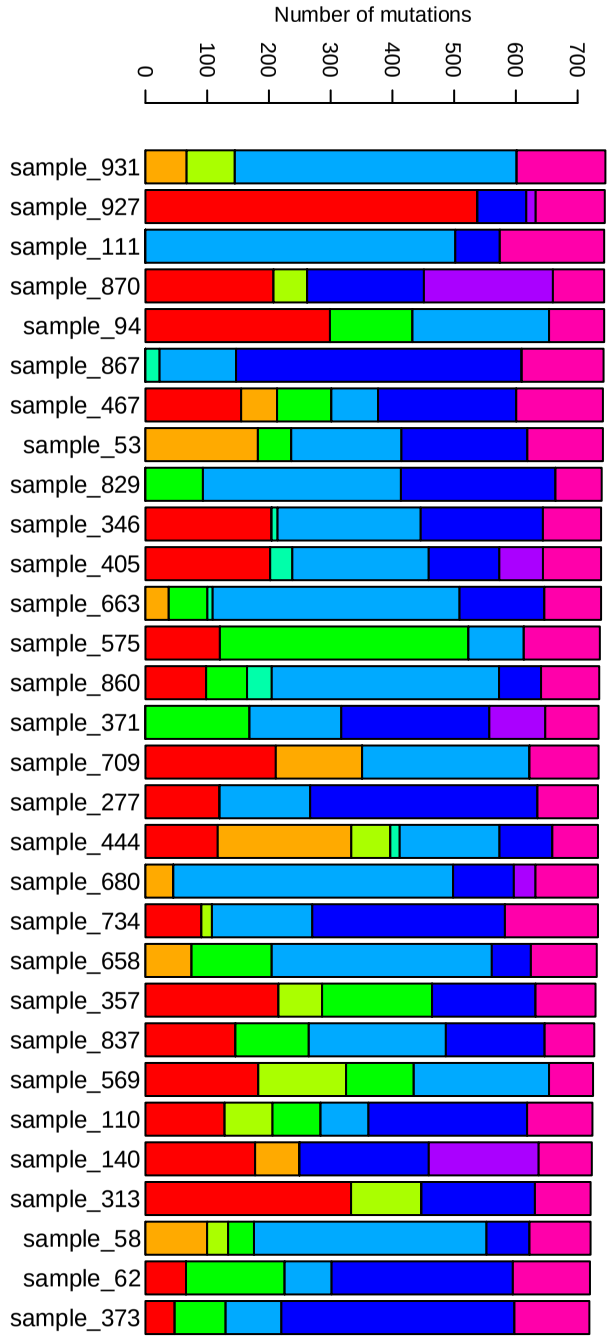
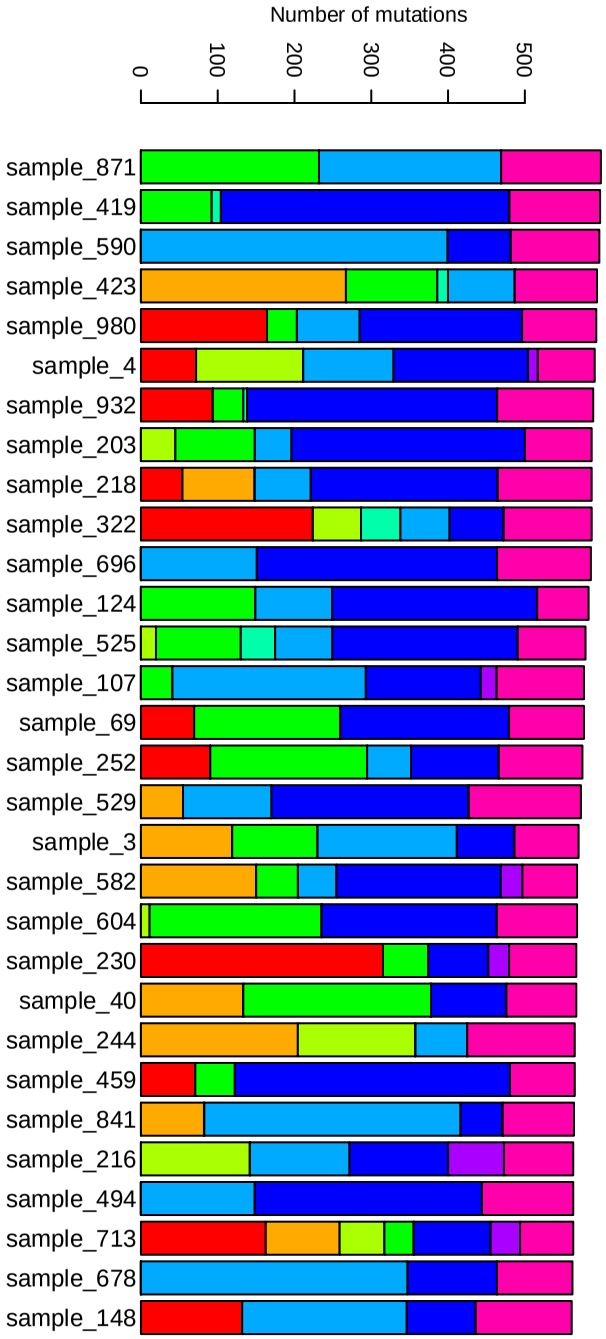
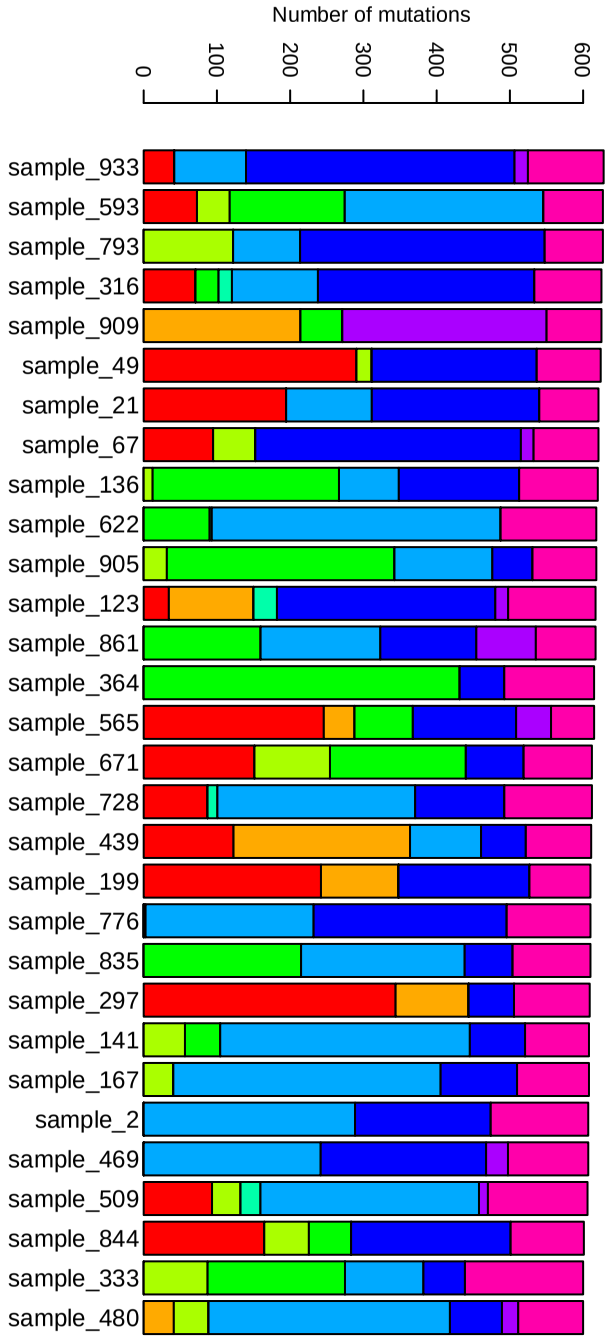
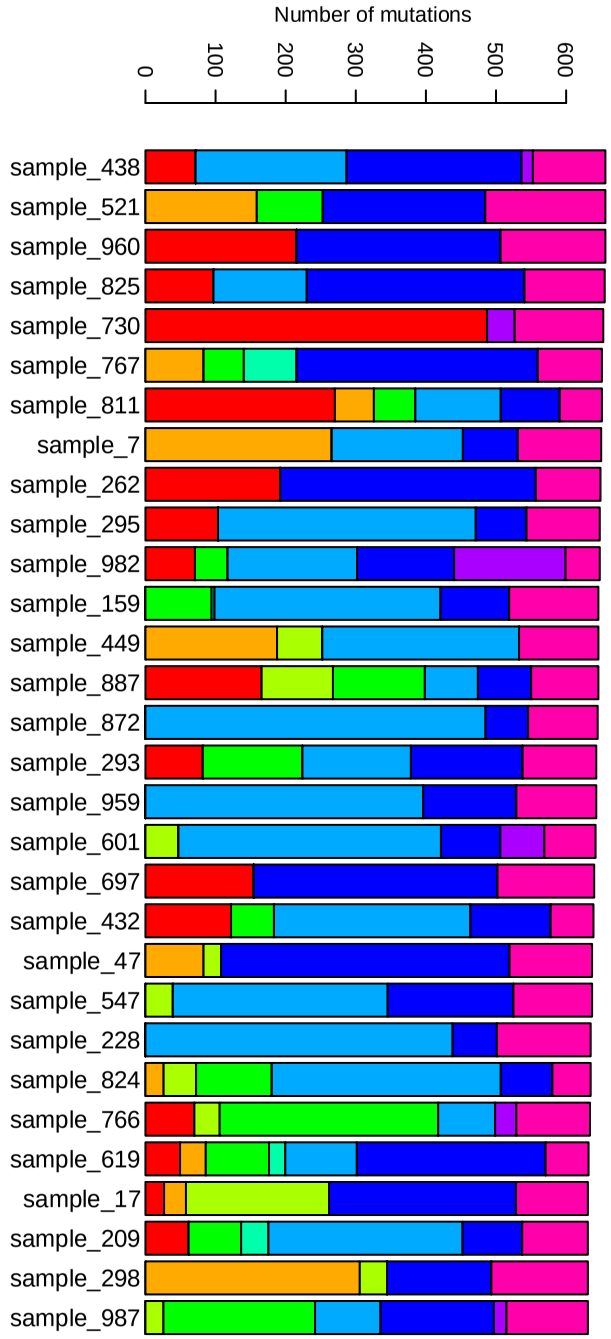
300
400
500
600
sample_979
sample_176
sample_320
sample_310
sample_549
sample_30
sample_512
sample_667
sample_193
sample_777
sample_130
sample_457
sample_754
sample_535
sample_287
sample_741
sample_186
sample_44
sample_753
sample_119
sample_292
sample_61
sample_133
sample_817
sample_993
sample_946
sample_234
sample_838
sample_849
sample_345


Number of mutations
0
100
200
300
400
500
600
700
sample_434
sample_899
sample_154
sample_956
sample_384
sample_893
sample_904
sample_883
sample_827
sample_117
sample_763
sample_778
sample_765
sample_18
sample_759
sample_222
sample_752
sample_288
sample_462
sample_92
sample_954
sample_227
sample_397
sample_751
sample_688
sample_248
sample_618
sample_782
sample_256
sample_842


Number of mutations
0
100
200
300
400
500
600
700
sample_931
sample_927
sample_111
sample_870
sample_94
sample_867
sample_467
sample_53
sample_829
sample_346
sample_405
sample_663
sample_575
sample_860
sample_371
sample_709
sample_277
sample_444
sample_680
sample_734
sample_658
sample_357
sample_837
sample_569
sample_110
sample_140
sample_313
sample_58
sample_62
sample_373


Number of mutations
0
100
200
300
400
500
sample_871
sample_419
sample_590
sample_423
sample_980
sample_4
sample_932
sample_203
sample_218
sample_322
sample_696
sample_124
sample_525
sample_107
sample_69
sample_252
sample_529
sample_3
sample_582
sample_604
sample_230
sample_40
sample_244
sample_459
sample_841
sample_216
sample_494
sample_713
sample_678
sample_148


Number of mutations
0
100
200
300
400
500
600
sample_933
sample_593
sample_793
sample_316
sample_909
sample_49
sample_21
sample_67
sample_136
sample_622
sample_905
sample_123
sample_861
sample_364
sample_565
sample_671
sample_728
sample_439
sample_199
sample_776
sample_835
sample_297
sample_141
sample_167
sample_2
sample_469
sample_509
sample_844
sample_333
sample_480


Number of mutations
0
100
200
300
400
500
600
sample_438
sample_521
sample_960
sample_825
sample_730
sample_767
sample_811
sample_7
sample_262
sample_295
sample_982
sample_159
sample_449
sample_887
sample_872
sample_293
sample_959
sample_601
sample_697
sample_432
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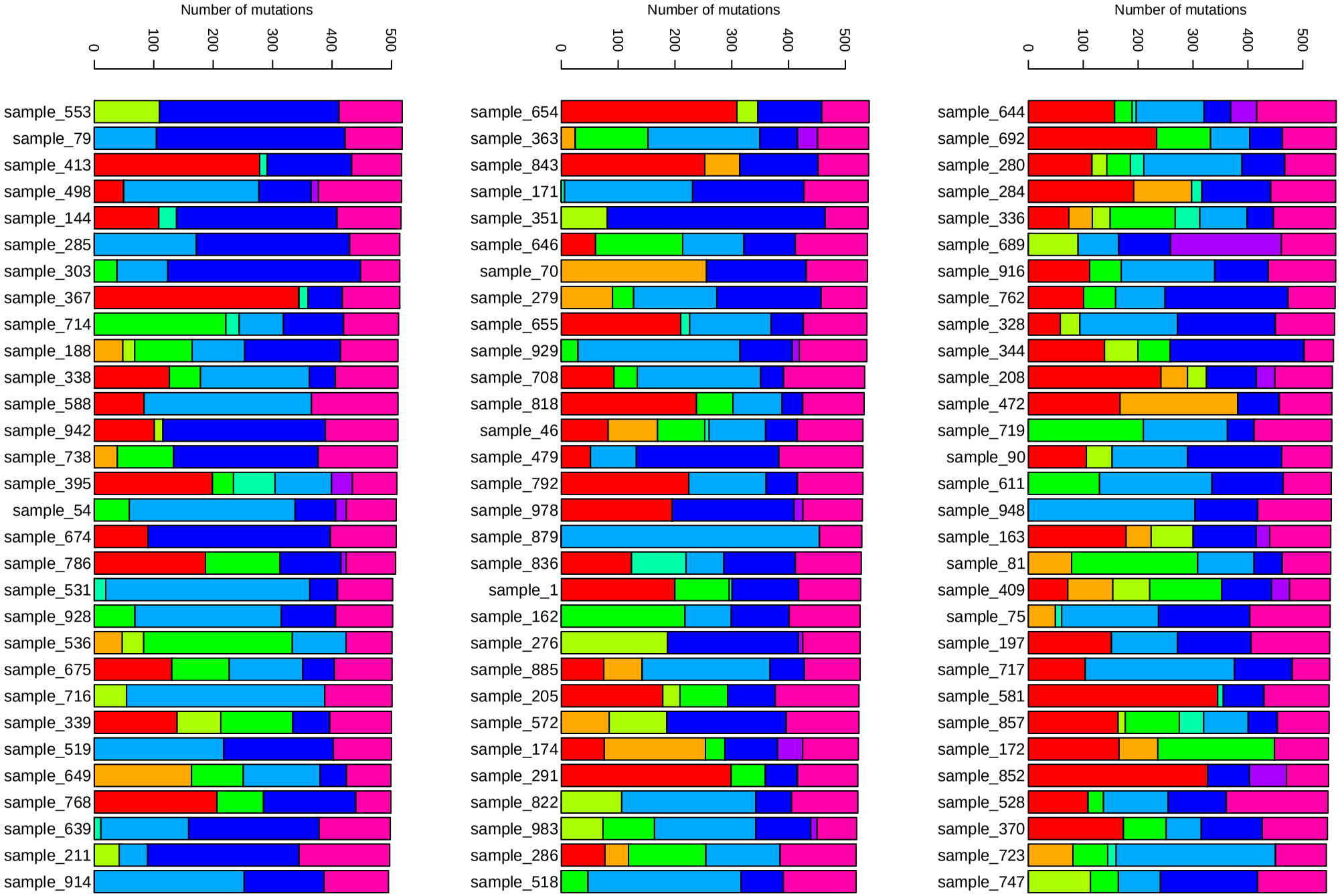
sample_547
sample_228
sample_824
sample_766
sample_619
sample_17
sample_209
sample_298
sample_987


Number of mutations
0
100
200
300
400
500
sample_553
sample_79
sample_413
sample_498
sample_144
sample_285
sample_303
sample_367
sample_714
sample_188
sample_338
sample_588
sample_942
sample_738
sample_395
sample_54
sample_674
sample_786
sample_531
sample_928
sample_536
sample_675
sample_716
sample_339
sample_519
sample_649
sample_768
sample_639
sample_211
sample_914
Number of mutations
0
100
200
300
400
500
sample_654
sample_363
sample_843
sample_171
sample_351
sample_646
sample_70
sample_279
sample_655
sample_929
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sample_162
sample_276
sample_885
sample_205
sample_572
sample_174
sample_291
sample_822
sample_983
sample_286
sample_518
Number of mutations
0
100
200
300
400
500
sample_644
sample_692
sample_280
sample_284
sample_336
sample_689
sample_916
sample_762
sample_328
sample_344
sample_208
sample_472
sample_719
sample_90
sample_611
sample_948
sample_163
sample_81
sample_409
sample_75
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sample_717
sample_581
sample_857
sample_172
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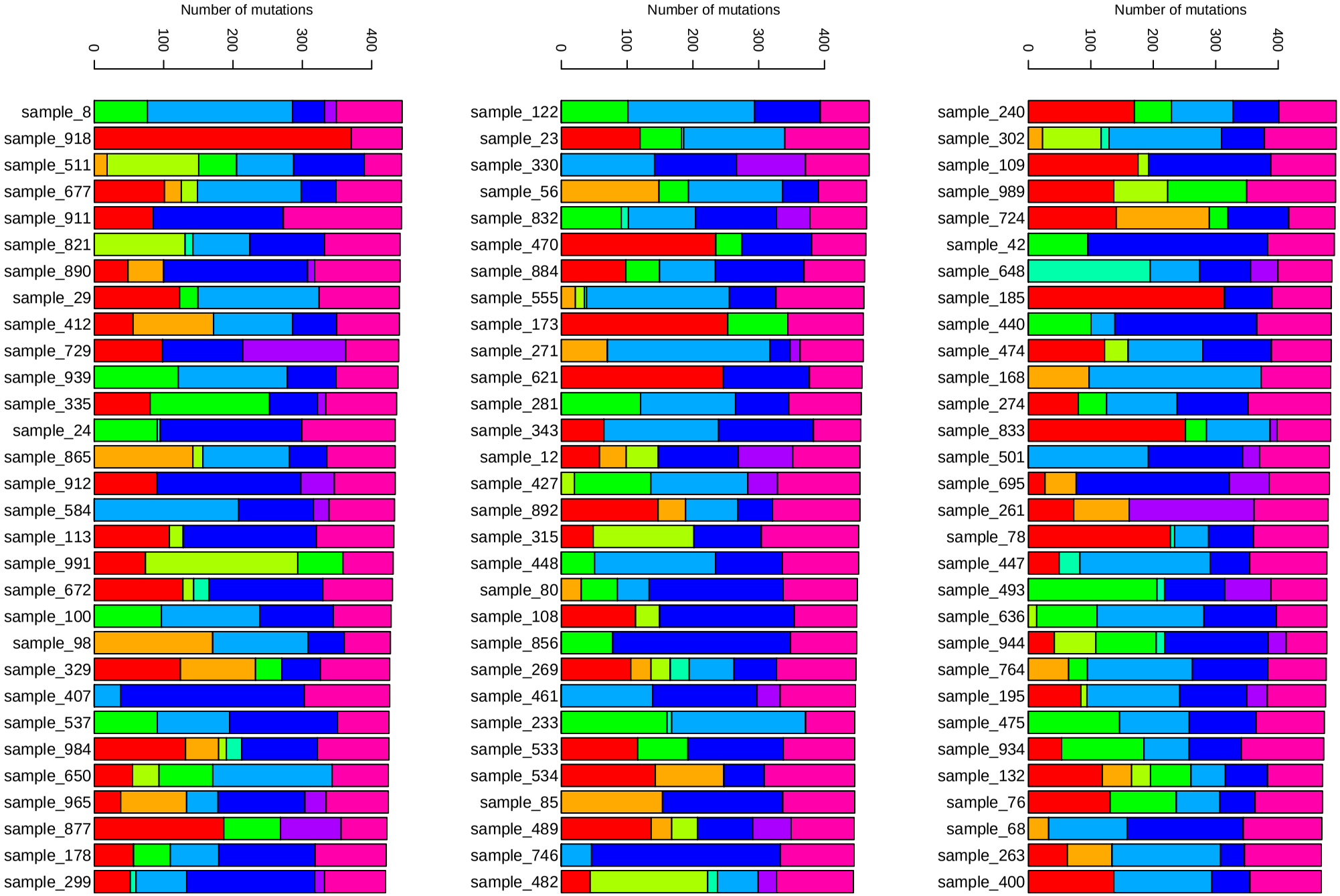
sample_528
sample_370
sample_723
sample_747


Number of mutations
0
100
200
300
400
sample_8
sample_918
sample_511
sample_677
sample_911
sample_821
sample_890
sample_29
sample_412
sample_729
sample_939
sample_335
sample_24
sample_865
sample_912
sample_584
sample_113
sample_991
sample_672
sample_100
sample_98
sample_329
sample_407
sample_537
sample_984
sample_650
sample_965
sample_877
sample_178
sample_299
Number of mutations
0
100
200
300
400
sample_122
sample_23
sample_330
sample_56
sample_832
sample_470
sample_884
sample_555
sample_173
sample_271
sample_621
sample_281
sample_343
sample_12
sample_427
sample_892
sample_315
sample_448
sample_80
sample_108
sample_856
sample_269
sample_461
sample_233
sample_533
sample_534
sample_85
sample_489
sample_746
sample_482
Number of mutations
0
100
200
300
400
sample_240
sample_302
sample_109
sample_989
sample_724
sample_42
sample_648
sample_185
sample_440
sample_474
sample_168
sample_274
sample_833
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sample_78
sample_447
sample_493
sample_636
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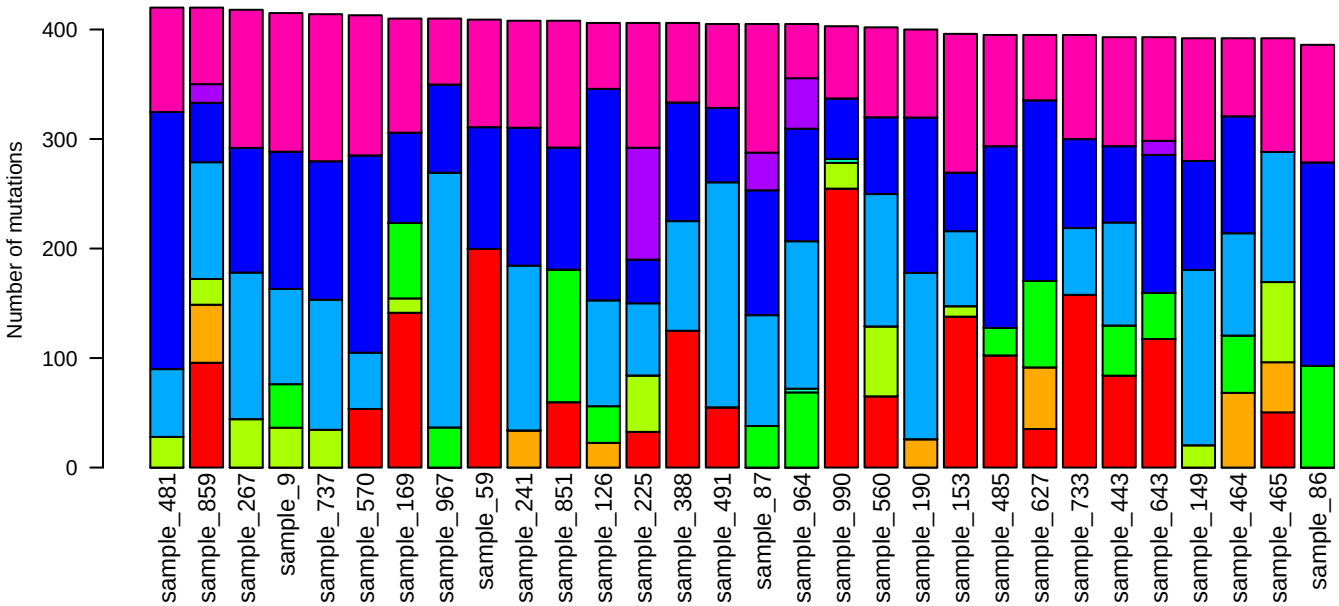
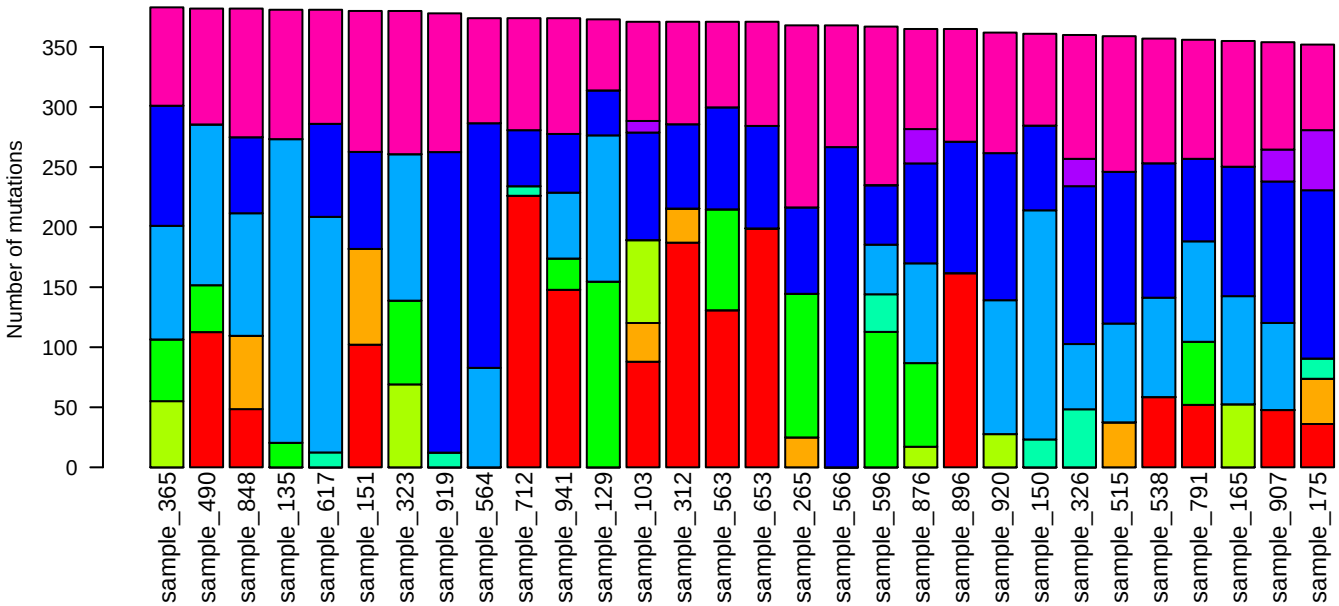
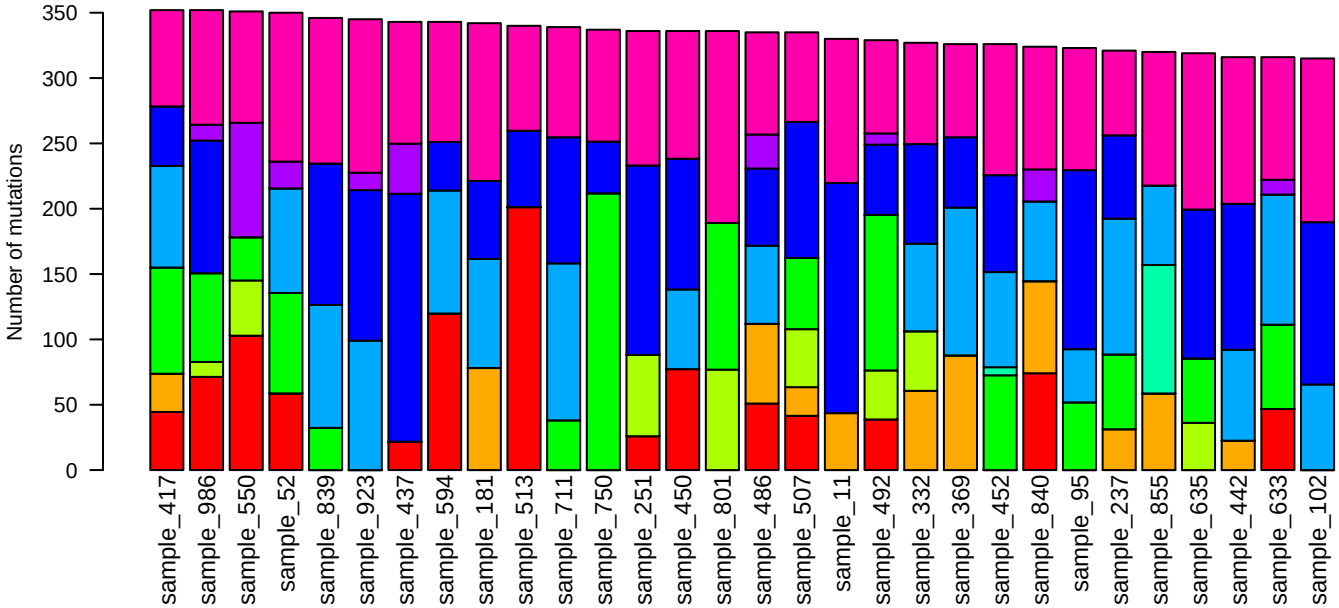
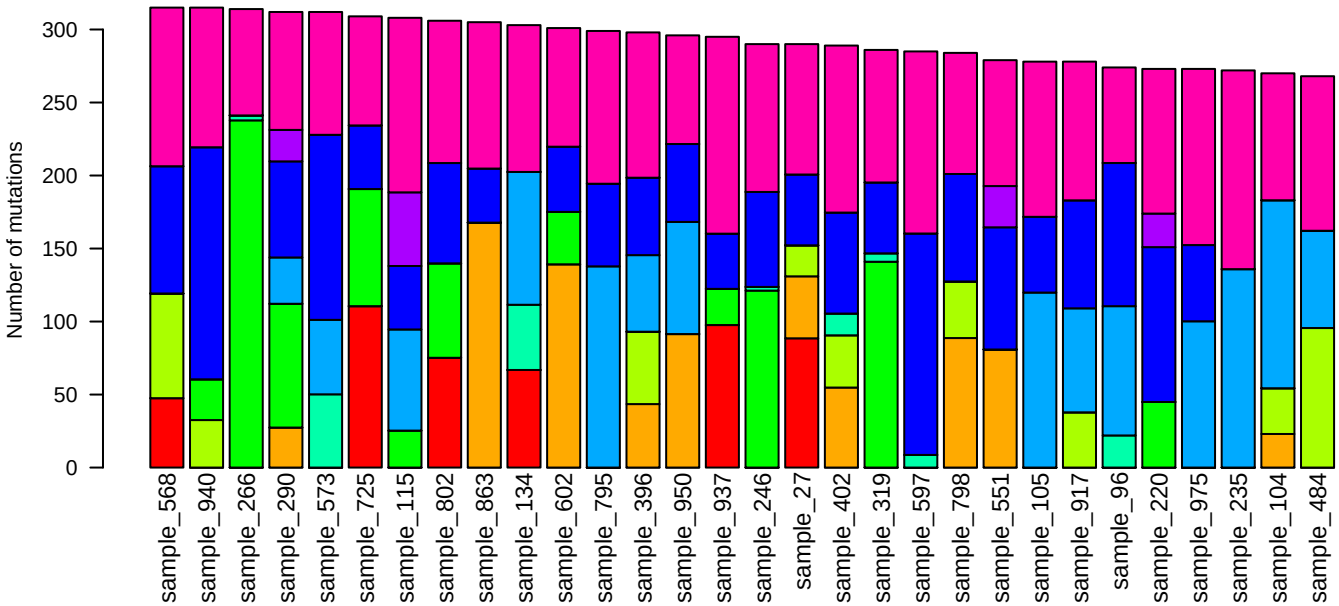
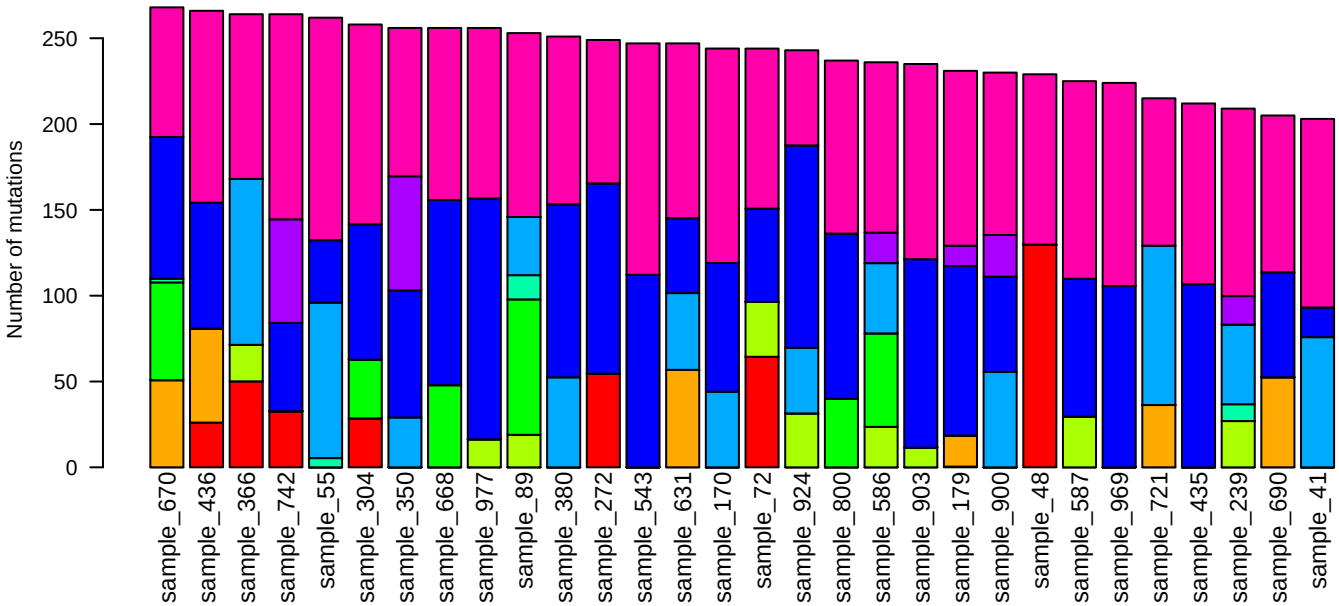
sample_764
sample_195
sample_475
sample_934
sample_132
sample_76
sample_68
sample_263
sample_400

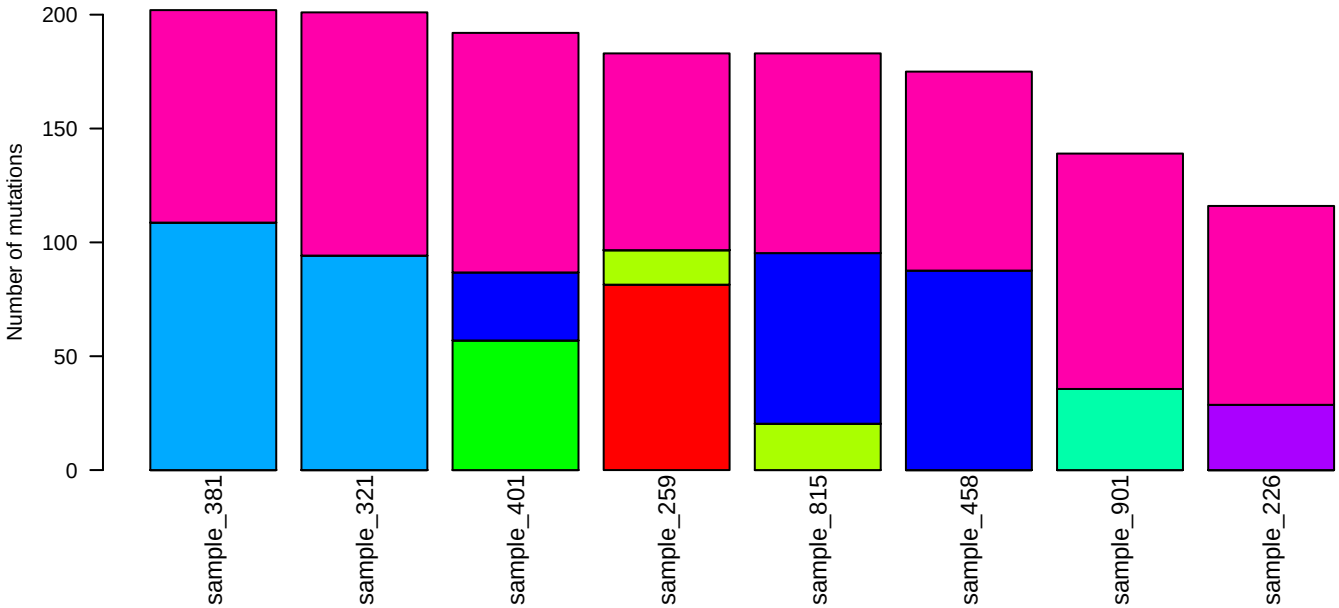

Number of mutations
0
100
200
300
400
sample_481
sample_859
sample_267
sample_9
sample_737
sample_570
sample_169
sample_967
sample_59
sample_241
sample_851
sample_126
sample_225
sample_388
sample_491
sample_87
sample_964
sample_990
sample_560
sample_190
sample_153
sample_485
sample_627
sample_733
sample_443
sample_643
sample_149
sample_464
sample_465
sample_86


Number of mutations
0
50
100
150
200
250
300
350
sample_365
sample_490
sample_848
sample_135
sample_617
sample_151
sample_323
sample_919
sample_564
sample_712
sample_941
sample_129
sample_103
sample_312
sample_563
sample_653
sample_265
sample_566
sample_596
sample_876
sample_896
sample_920
sample_150
sample_326
sample_515
sample_538
sample_791
sample_165
sample_907
sample_175


Number of mutations
0
50
100
150
200
250
300
350
sample_417
sample_986
sample_550
sample_52
sample_839
sample_923
sample_437
sample_594
sample_181
sample_513
sample_711
sample_750
sample_251
sample_450
sample_801
sample_486
sample_507
sample_11
sample_492
sample_332
sample_369
sample_452
sample_840
sample_95
sample_237
sample_855
sample_635
sample_442
sample_633
sample_102


Number of mutations
0
50
100
150
200
250
300
sample_568
sample_940
sample_266
sample_290
sample_573
sample_725
sample_115
sample_802
sample_863
sample_134
sample_602
sample_795
sample_396
sample_950
sample_937
sample_246
sample_27
sample_402
sample_319
sample_597
sample_798
sample_551
sample_105
sample_917
sample_96
sample_220
sample_975
sample_235
sample_104
sample_484


Number of mutations
0
50
100
150
200
250
sample_670
sample_436
sample_366
sample_742
sample_55
sample_304
sample_350
sample_668
sample_977
sample_89
sample_380
sample_272
sample_543
sample_631
sample_170
sample_72
sample_924
sample_800
sample_586
sample_903
sample_179
sample_900
sample_48
sample_587
sample_969
sample_721
sample_435
sample_239
sample_690
sample_41


Number of mutations
0
50
100
150
200
sample_381
sample_321
sample_401
sample_259
sample_815
sample_458
sample_901
sample_226