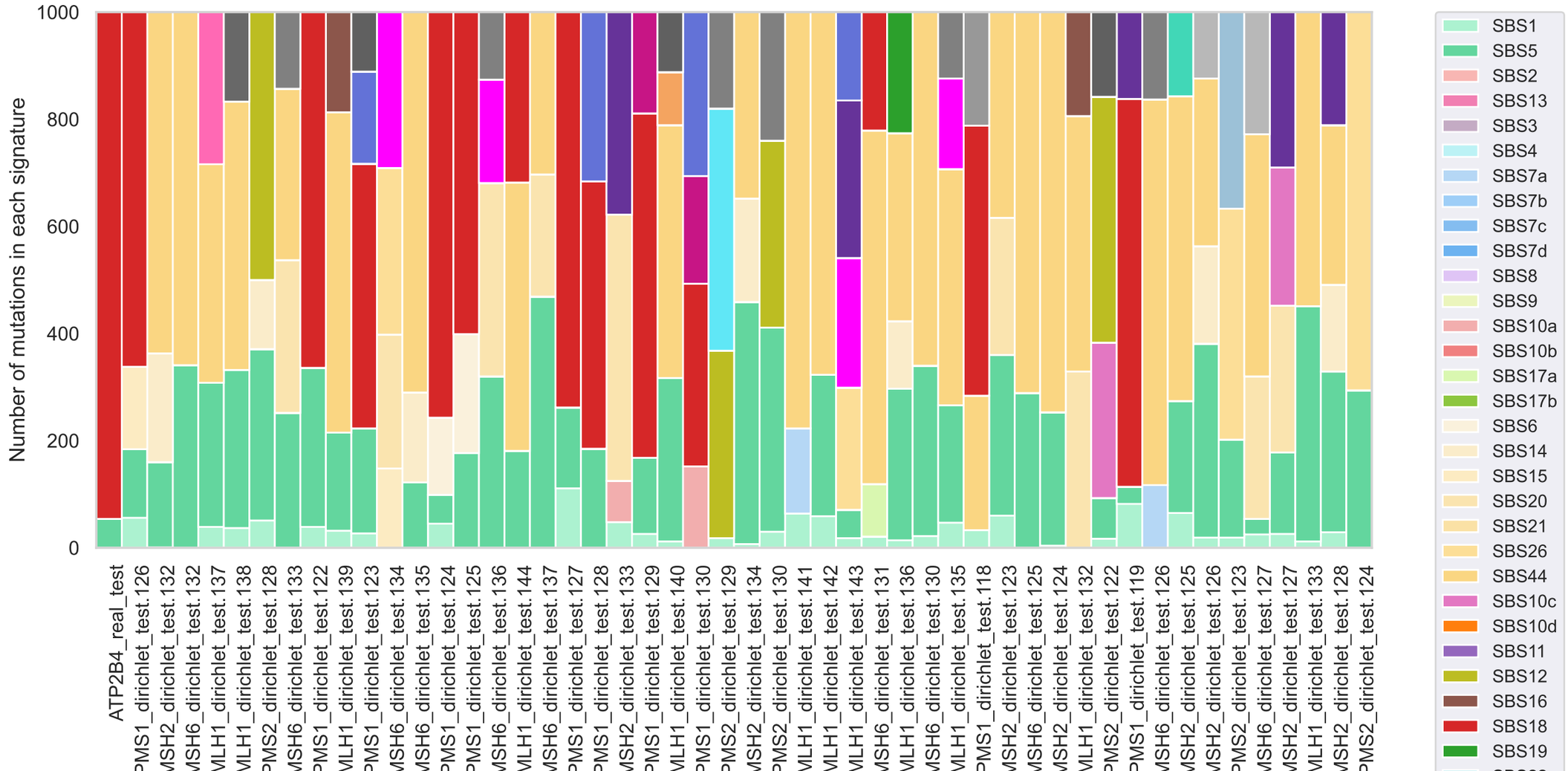
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MLH1_dirichlet_test.132
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MSH2_dirichlet_test.125
MSH2_dirichlet_test.126
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MSH6_dirichlet_test.127
MSH2_dirichlet_test.127
MLH1_dirichlet_test.133
MSH2_dirichlet_test.128
PMS2_dirichlet_test.124
SBS1
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SBS13
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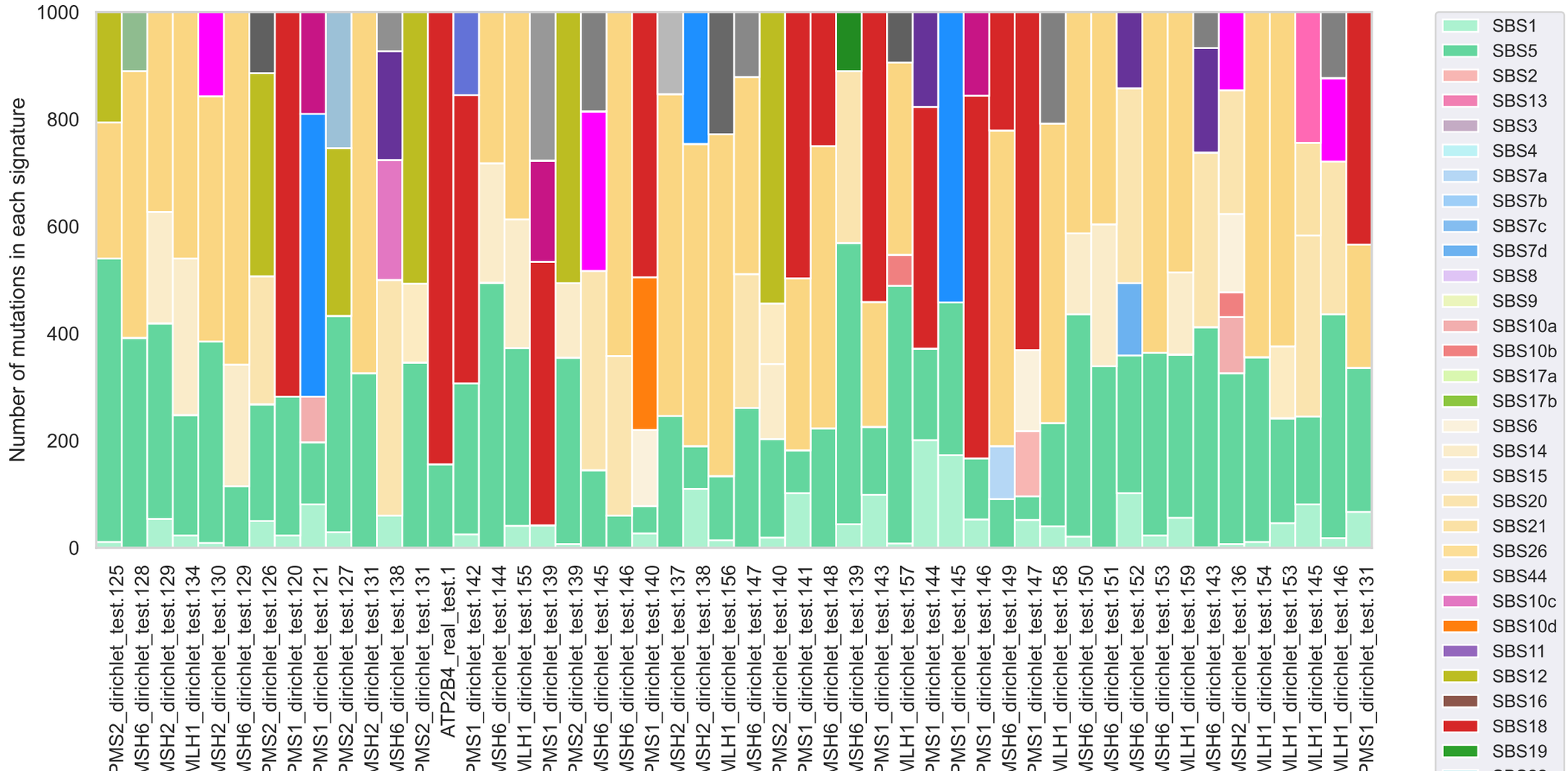
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PMS1_dirichlet_test.121
PMS2_dirichlet_test.127
MSH2_dirichlet_test.131
MSH6_dirichlet_test.138
PMS2_dirichlet_test.131
ATP2B4_real_test.1
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MSH2_dirichlet_test.138
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MSH6_dirichlet_test.148
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PMS1_dirichlet_test.143
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MLH1_dirichlet_test.159
MSH6_dirichlet_test.143
MSH2_dirichlet_test.136
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MLH1_dirichlet_test.146
PMS1_dirichlet_test.131
SBS1
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SBS3
SBS4
SBS7a
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SBS7c
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SBS8
SBS9
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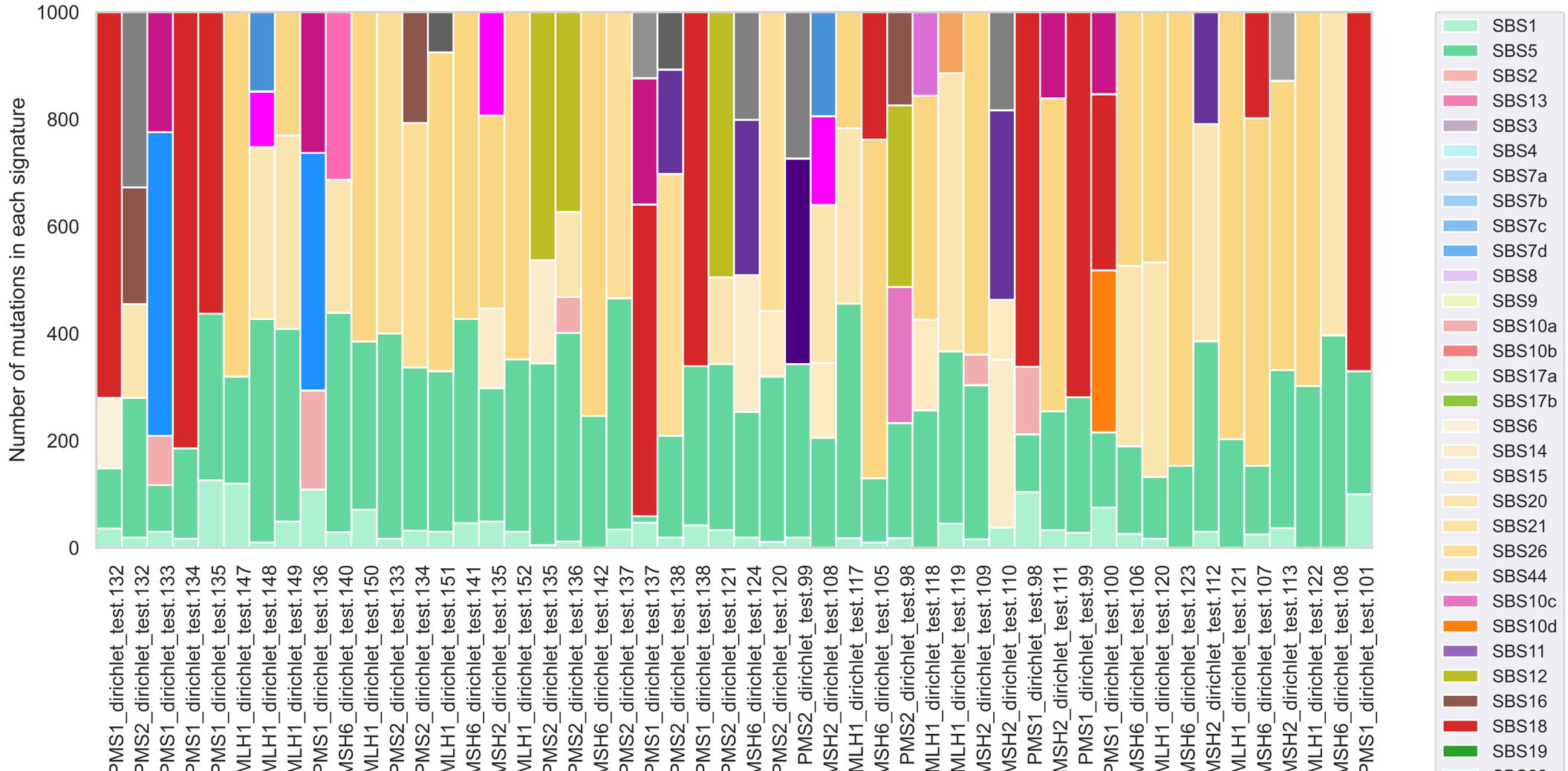
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PMS2_dirichlet_test.137
PMS1_dirichlet_test.137
PMS2_dirichlet_test.138
PMS1_dirichlet_test.138
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MSH6_dirichlet_test.105
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MLH1_dirichlet_test.118
MLH1_dirichlet_test.119
MSH2_dirichlet_test.109
MSH2_dirichlet_test.110
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MSH2_dirichlet_test.111
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PMS1_dirichlet_test.100
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MSH6_dirichlet_test.123
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MSH6_dirichlet_test.108
PMS1_dirichlet_test.101
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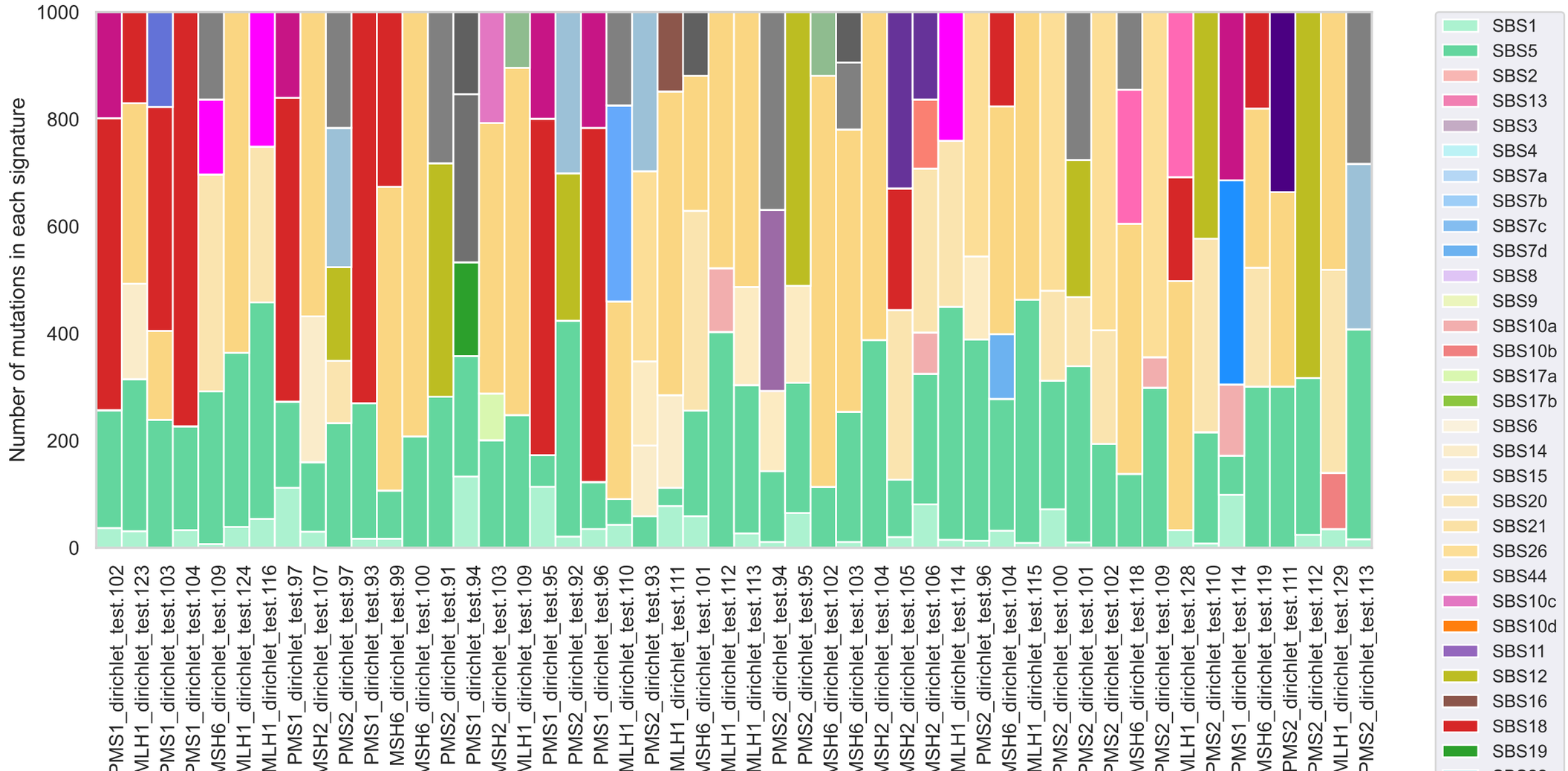
Number of mutations in each signature
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MSH2_dirichlet_test.107
PMS2_dirichlet_test.97
PMS1_dirichlet_test.93
MSH6_dirichlet_test.99
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PMS1_dirichlet_test.94
MSH2_dirichlet_test.103
MLH1_dirichlet_test.109
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PMS2_dirichlet_test.92
PMS1_dirichlet_test.96
MLH1_dirichlet_test.110
PMS2_dirichlet_test.93
MLH1_dirichlet_test.111
MSH6_dirichlet_test.101
MLH1_dirichlet_test.112
MLH1_dirichlet_test.113
PMS2_dirichlet_test.94
PMS2_dirichlet_test.95
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MSH6_dirichlet_test.103
MSH2_dirichlet_test.104
MSH2_dirichlet_test.105
MSH2_dirichlet_test.106
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MSH6_dirichlet_test.104
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PMS2_dirichlet_test.100
PMS2_dirichlet_test.101
PMS2_dirichlet_test.102
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PMS2_dirichlet_test.113
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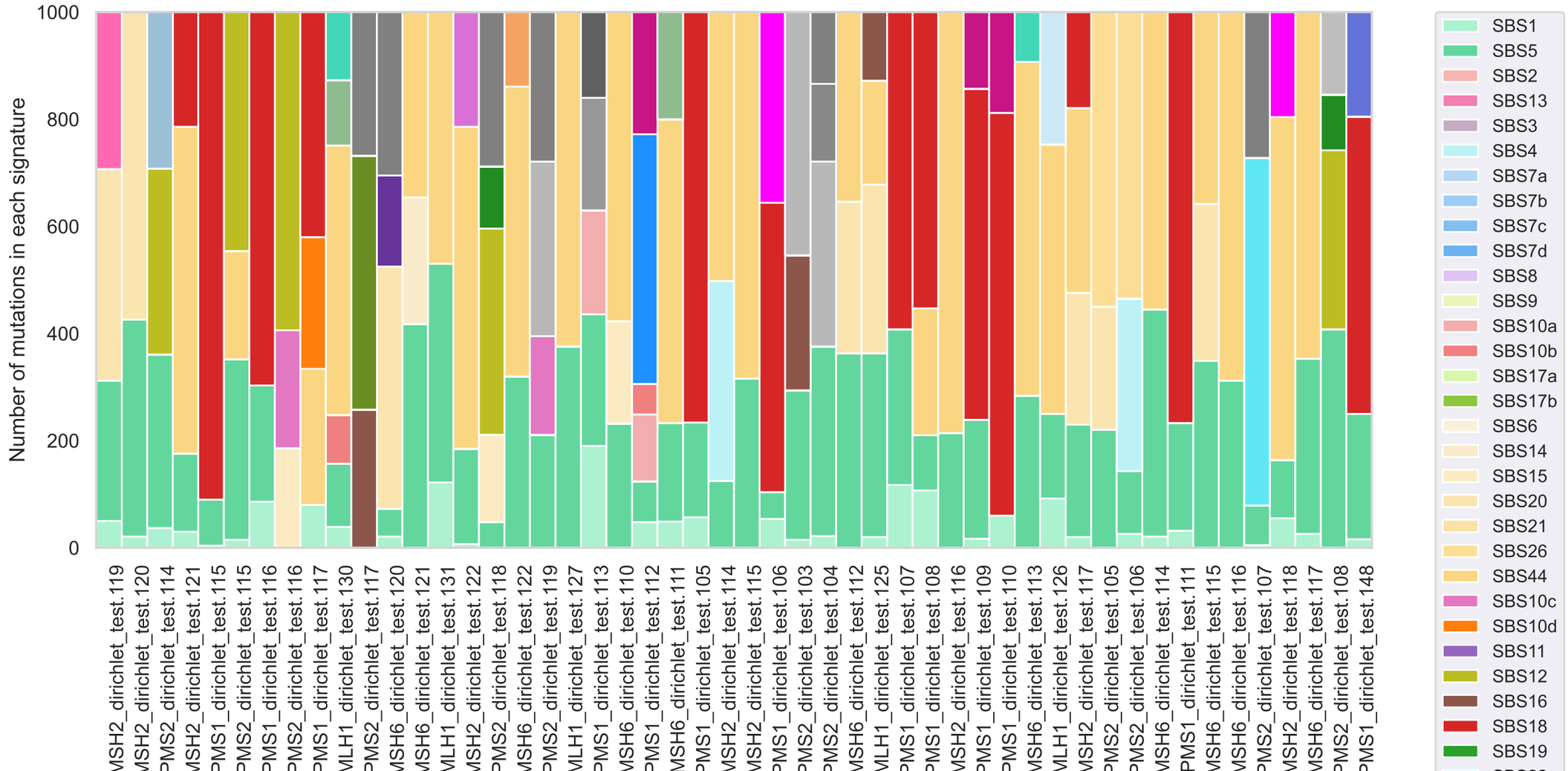
Number of mutations in each signature
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MSH2_dirichlet_test.122
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MSH6_dirichlet_test.114
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PMS2_dirichlet_test.108
PMS1_dirichlet_test.148
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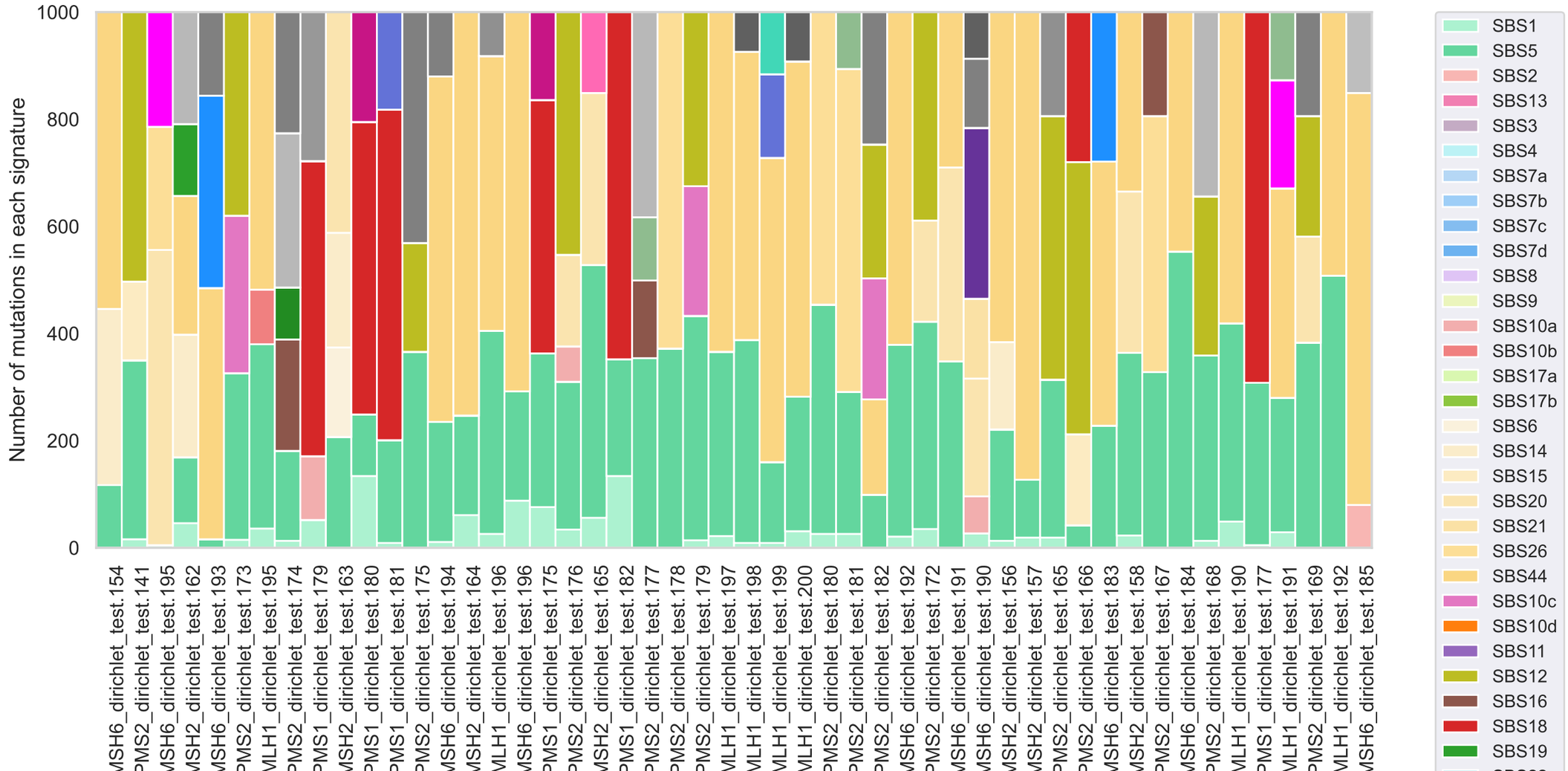
Number of mutations in each signature
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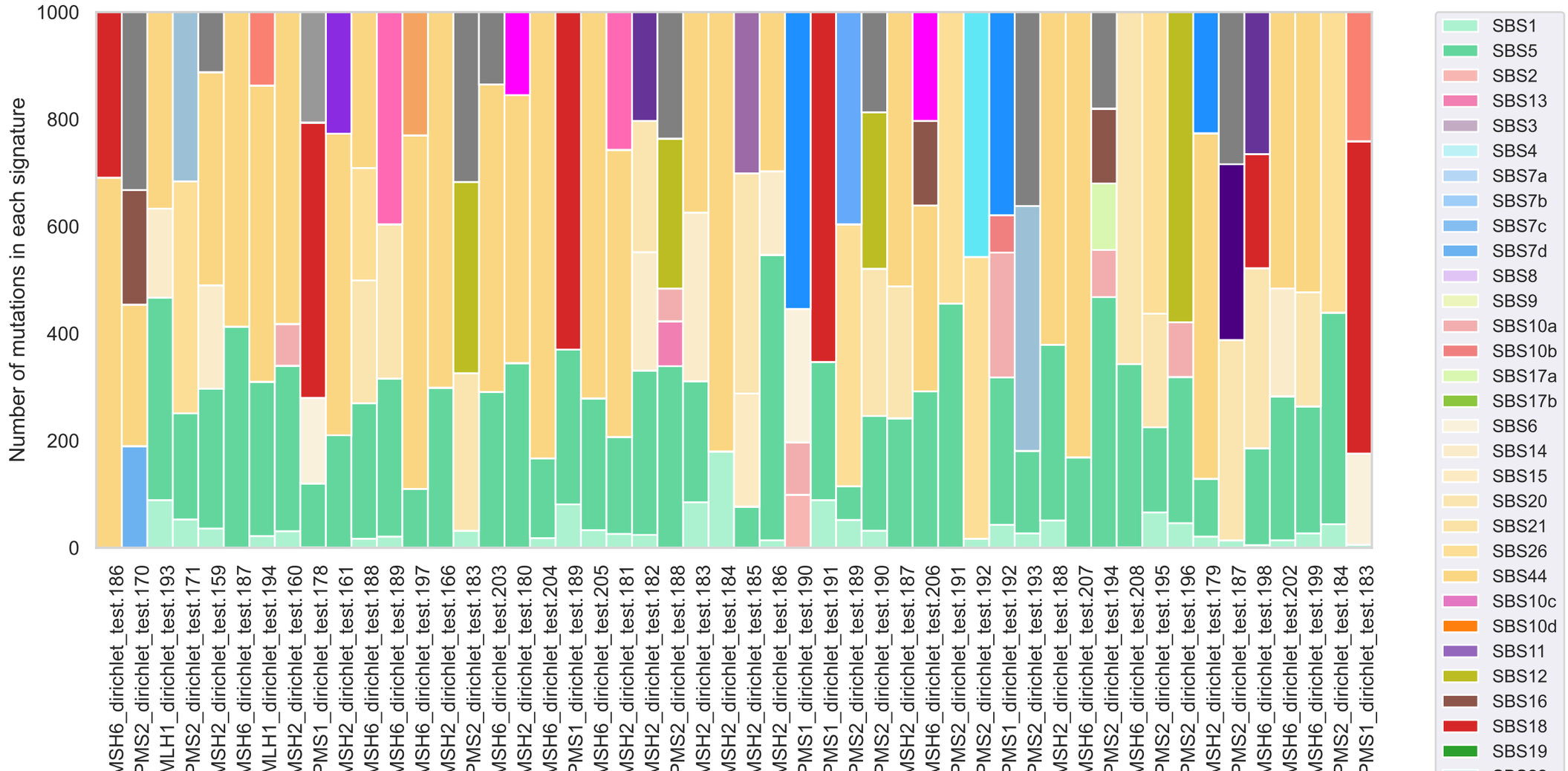
Number of mutations in each signature
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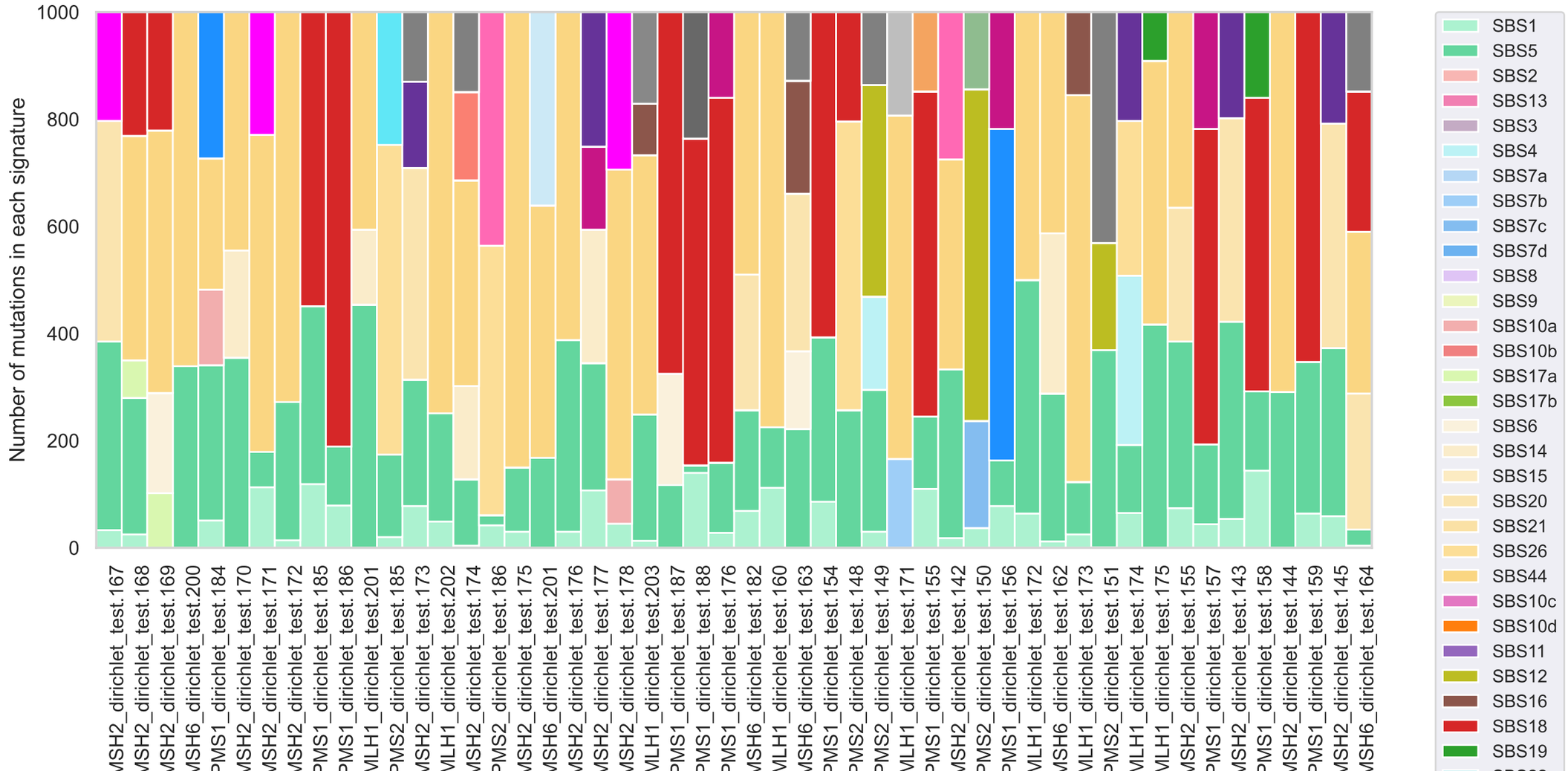
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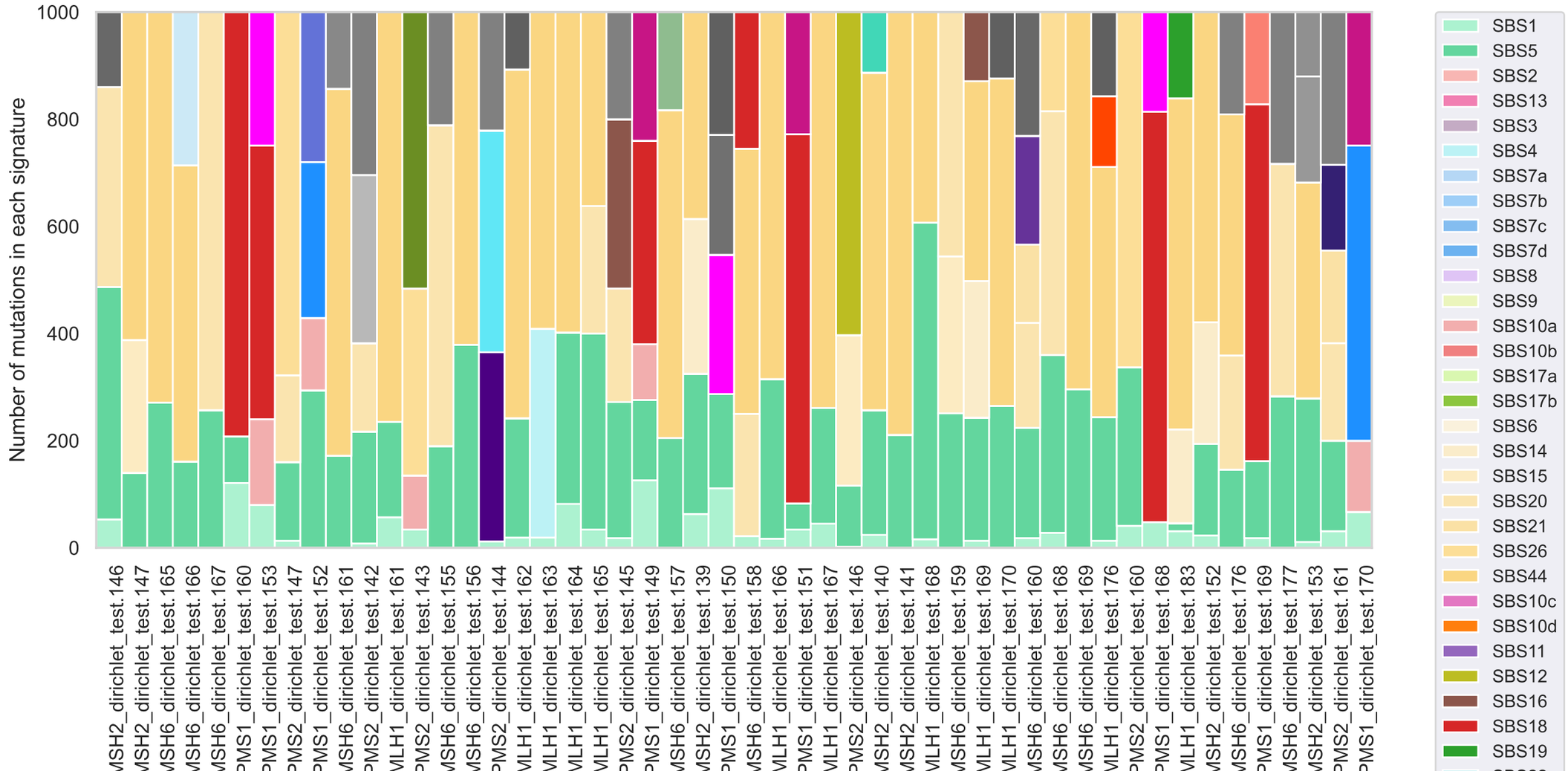
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PMS2_dirichlet_test.145
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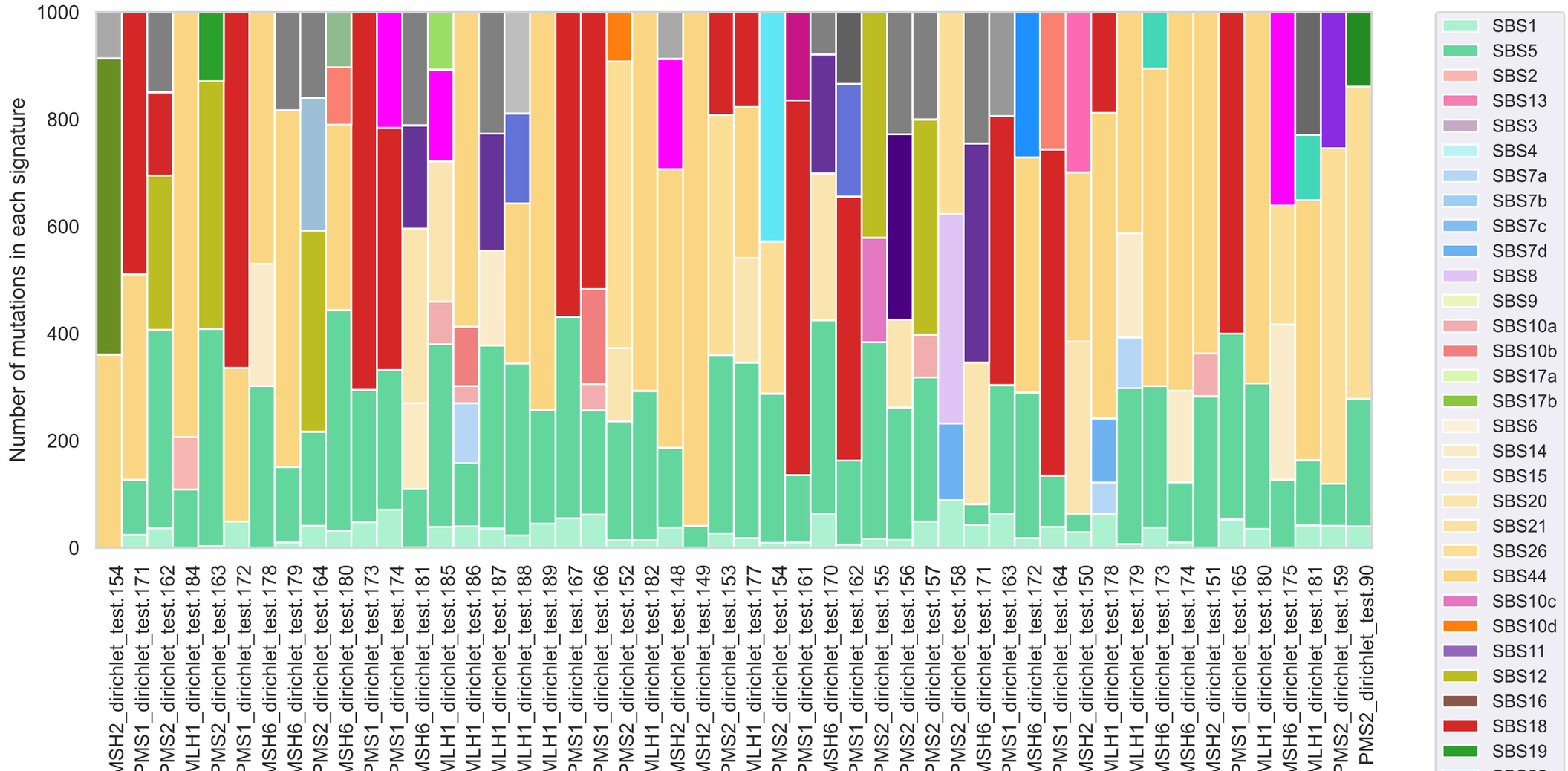
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PMS2_dirichlet_test.159
PMS2_dirichlet_test.90
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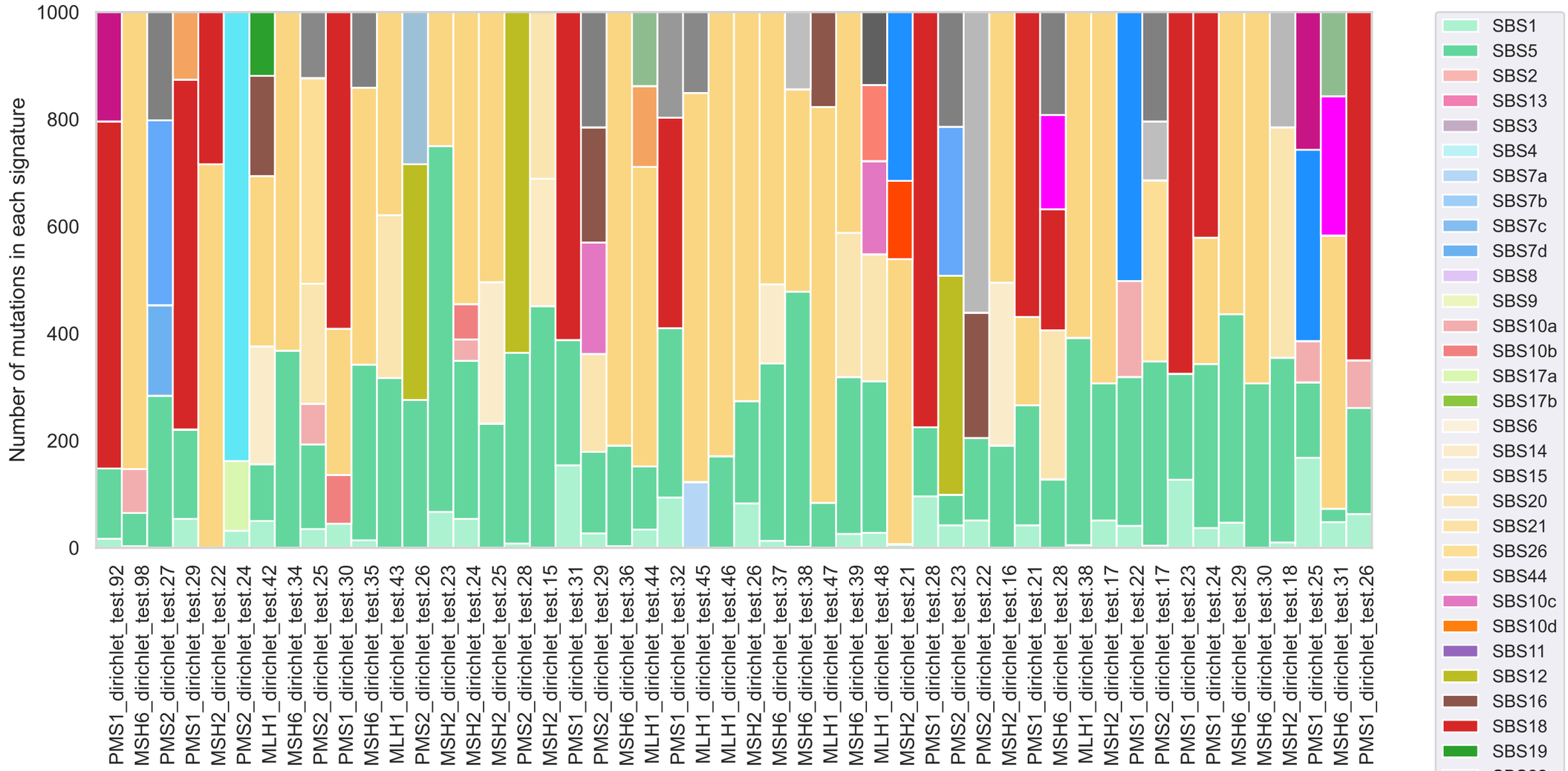
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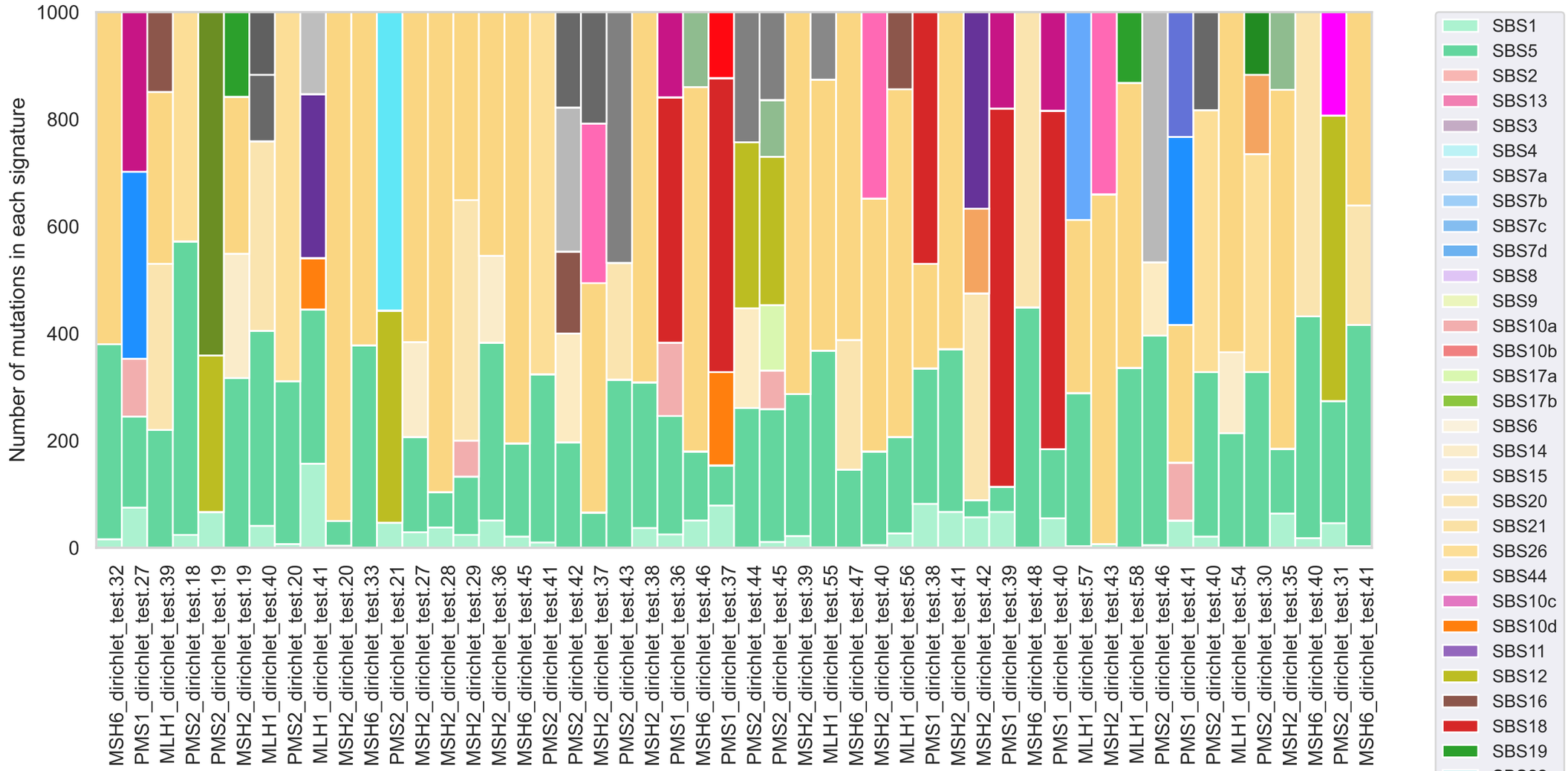
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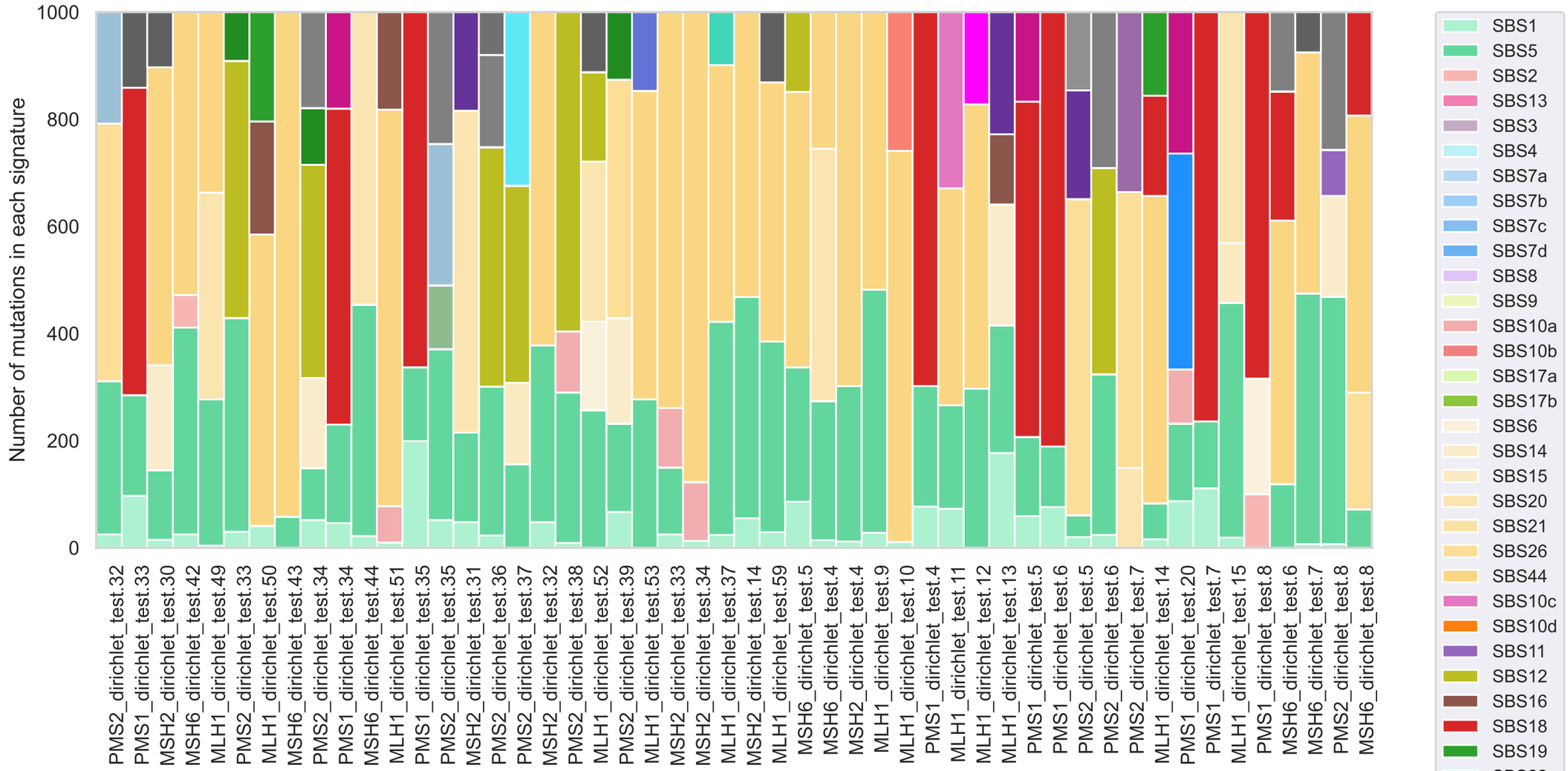
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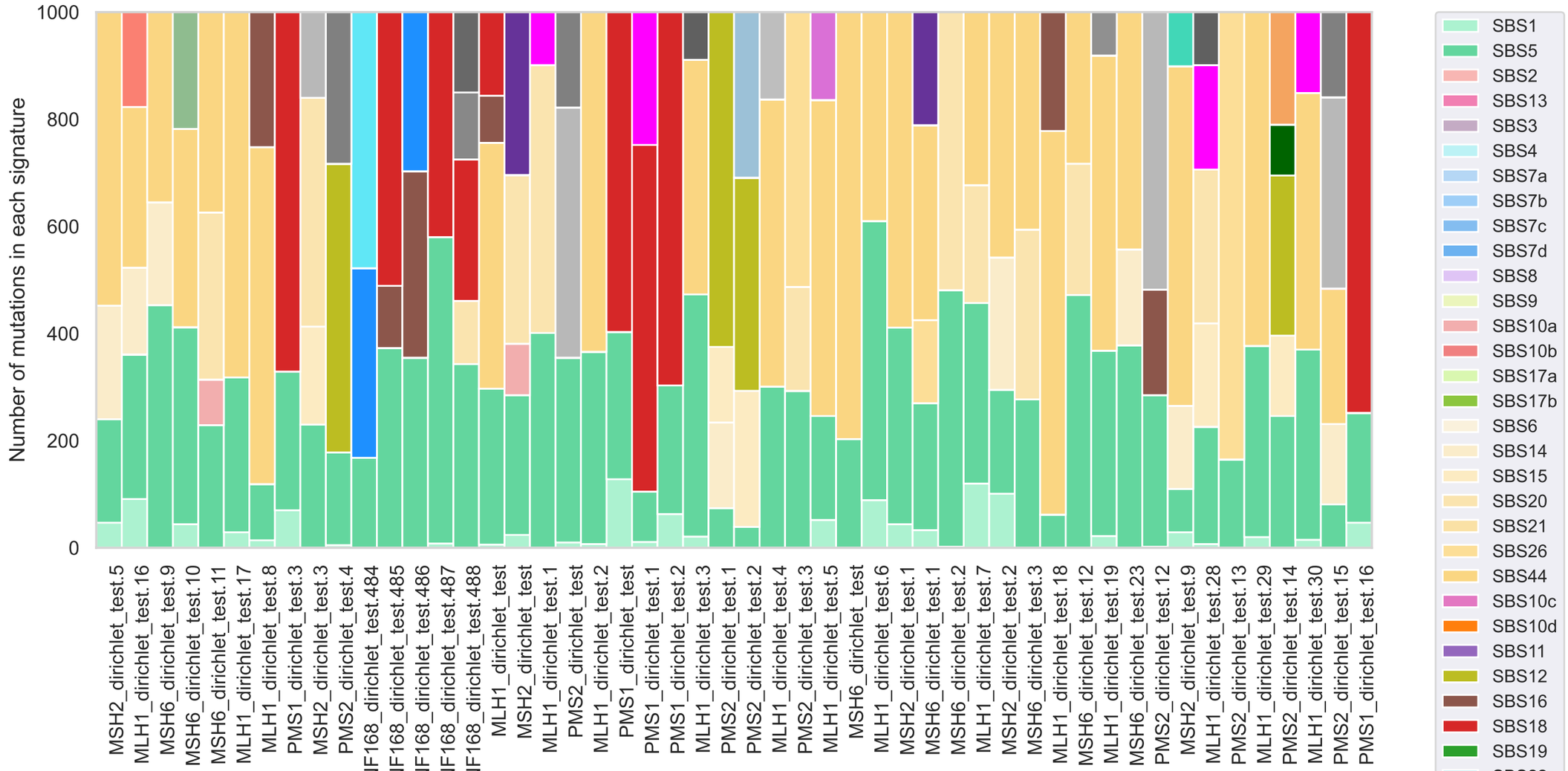
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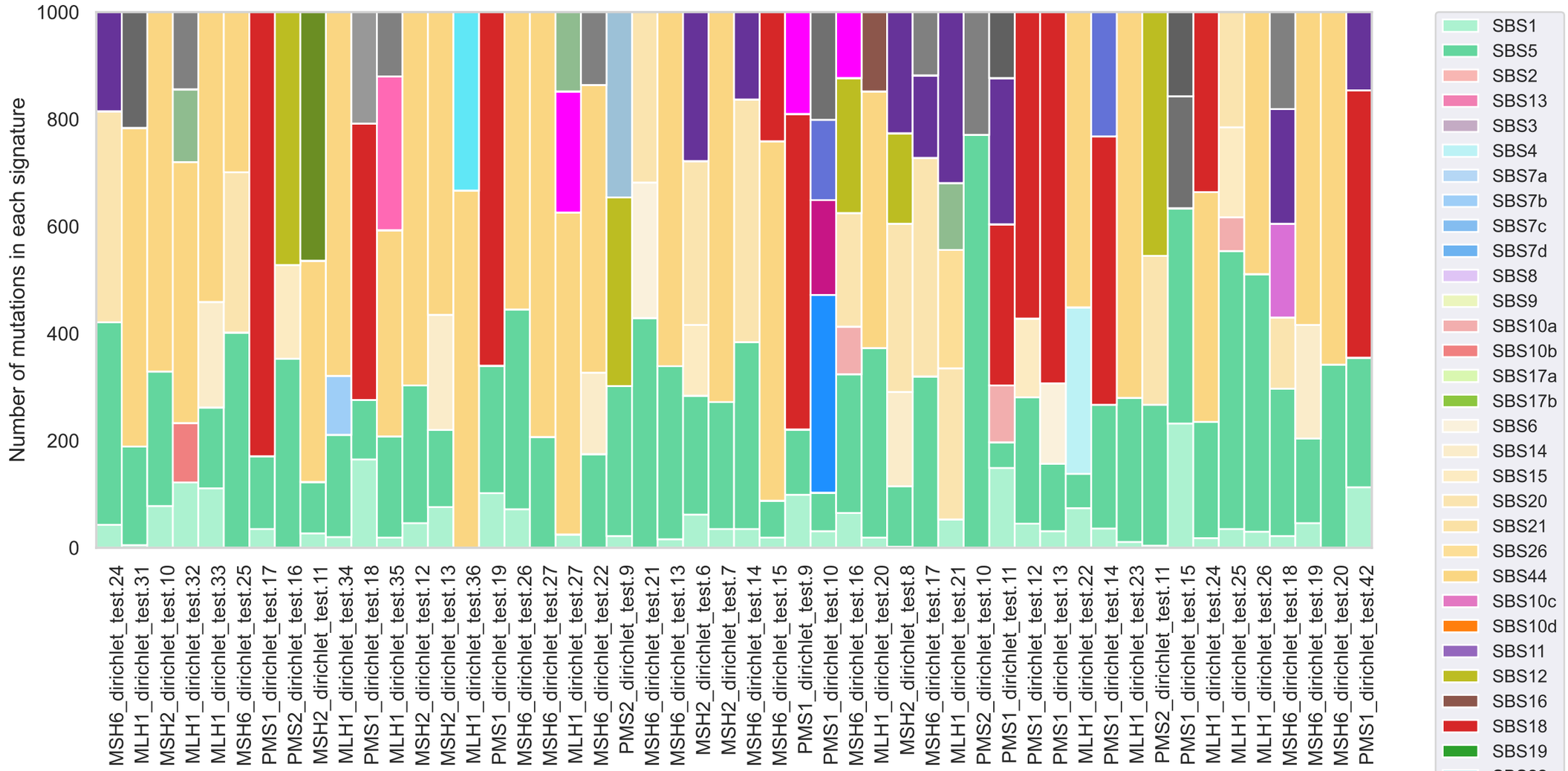
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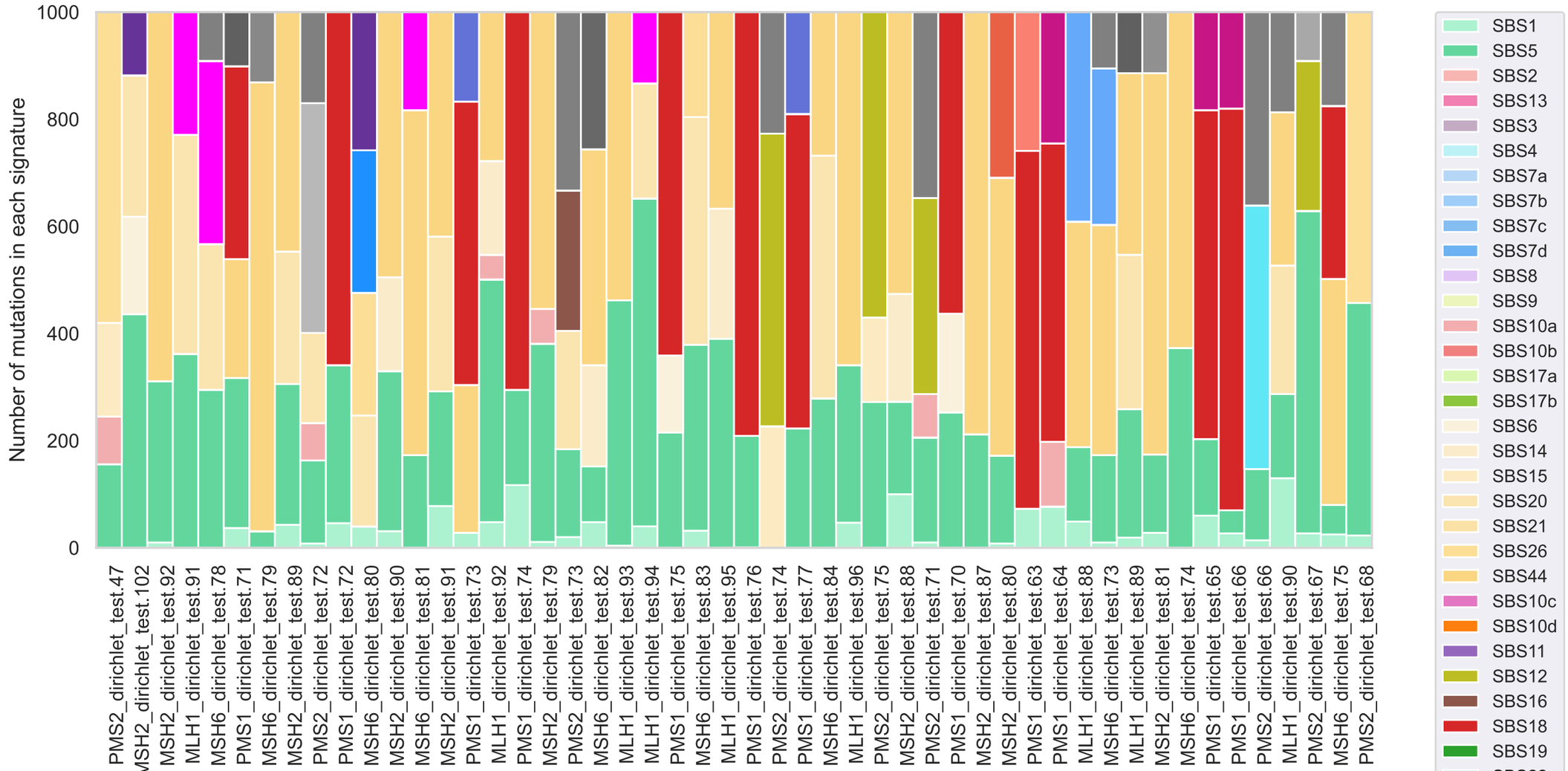
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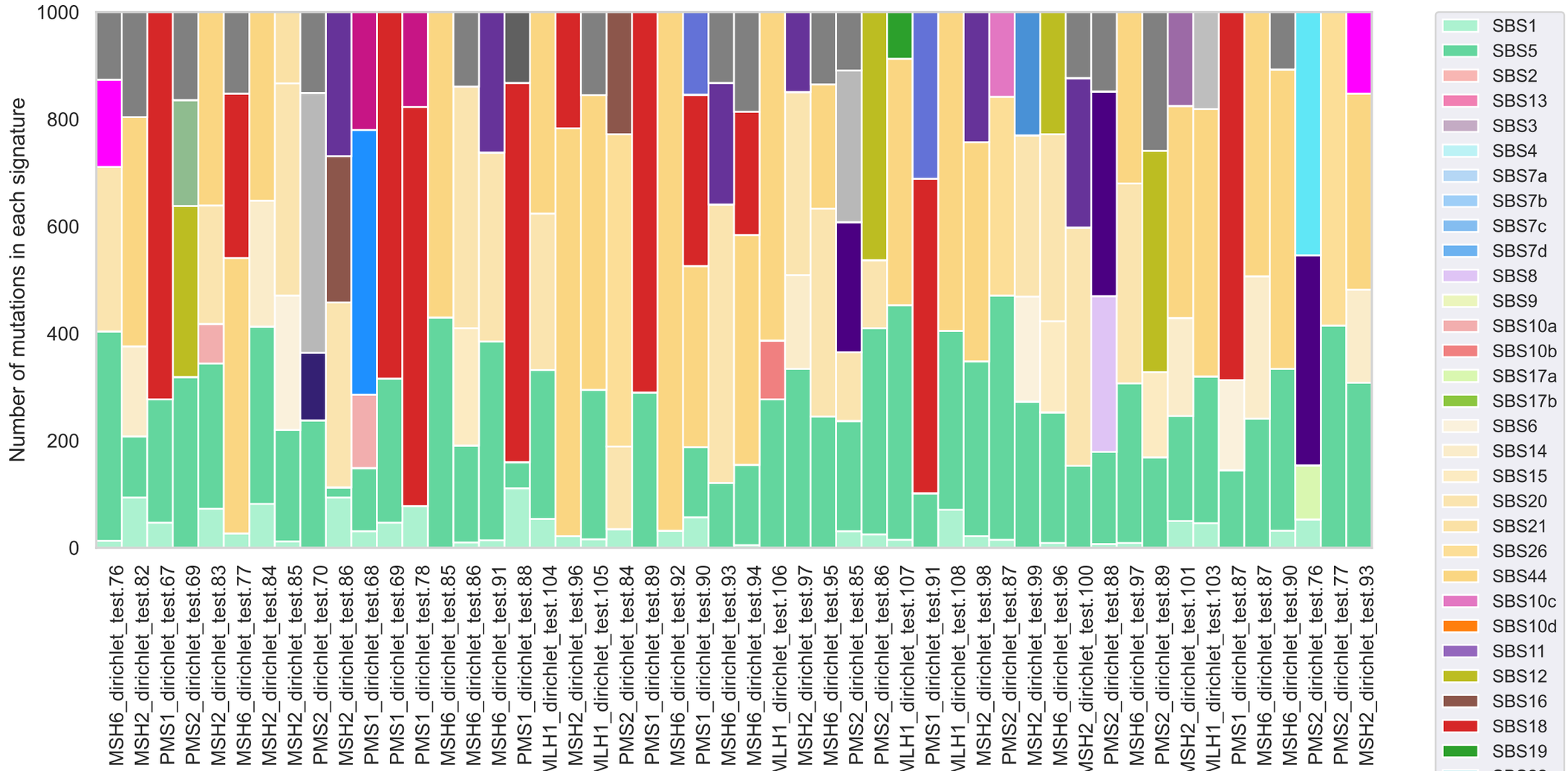
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MSH2_dirichlet_test.93
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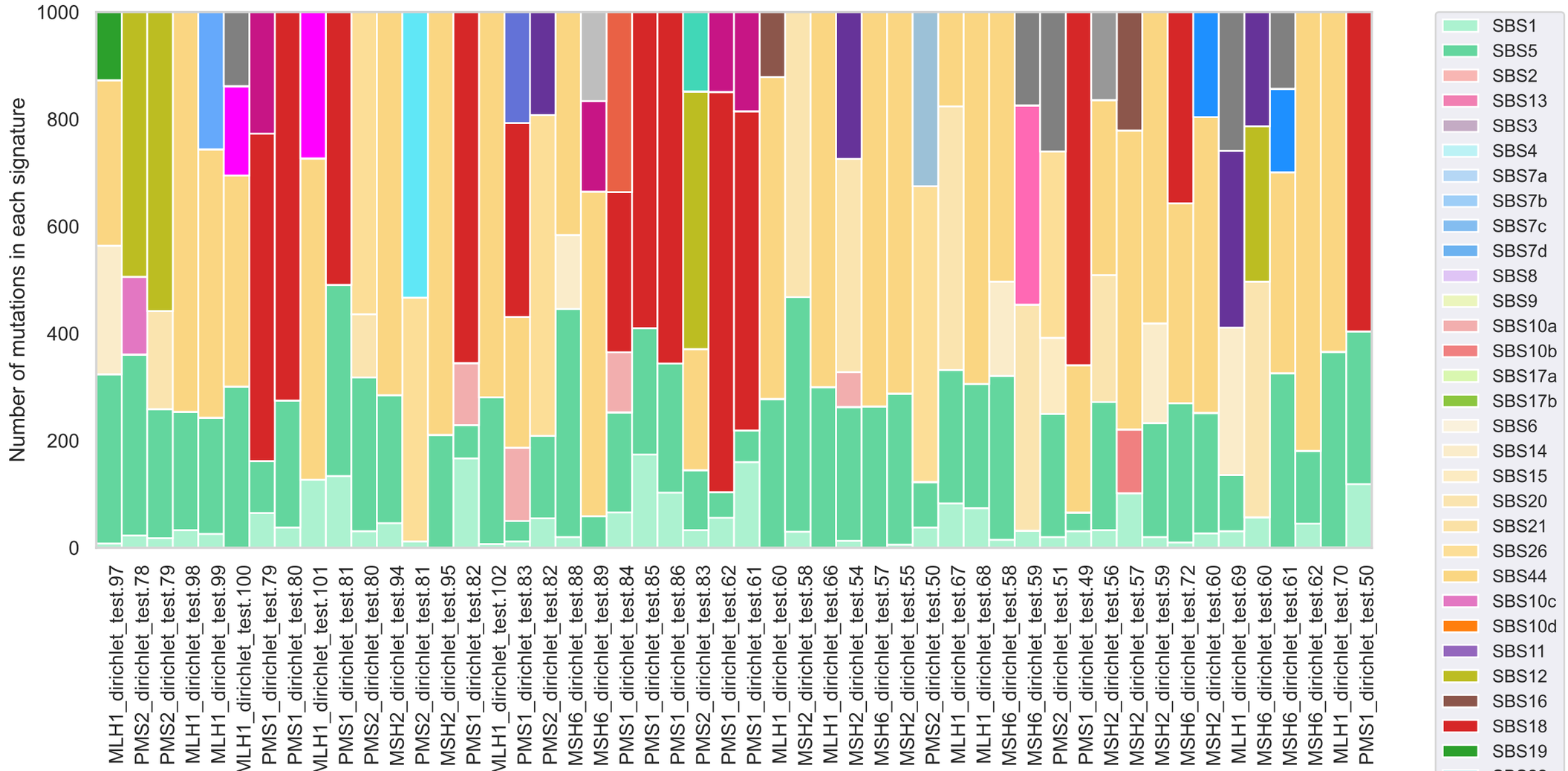
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PMS1_dirichlet_test.49
MSH2_dirichlet_test.56
MSH2_dirichlet_test.57
MSH2_dirichlet_test.59
MSH6_dirichlet_test.72
MSH2_dirichlet_test.60
MLH1_dirichlet_test.69
MSH6_dirichlet_test.60
MSH6_dirichlet_test.61
MSH6_dirichlet_test.62
MLH1_dirichlet_test.70
PMS1_dirichlet_test.50
SBS1
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SBS10a
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SBS17a
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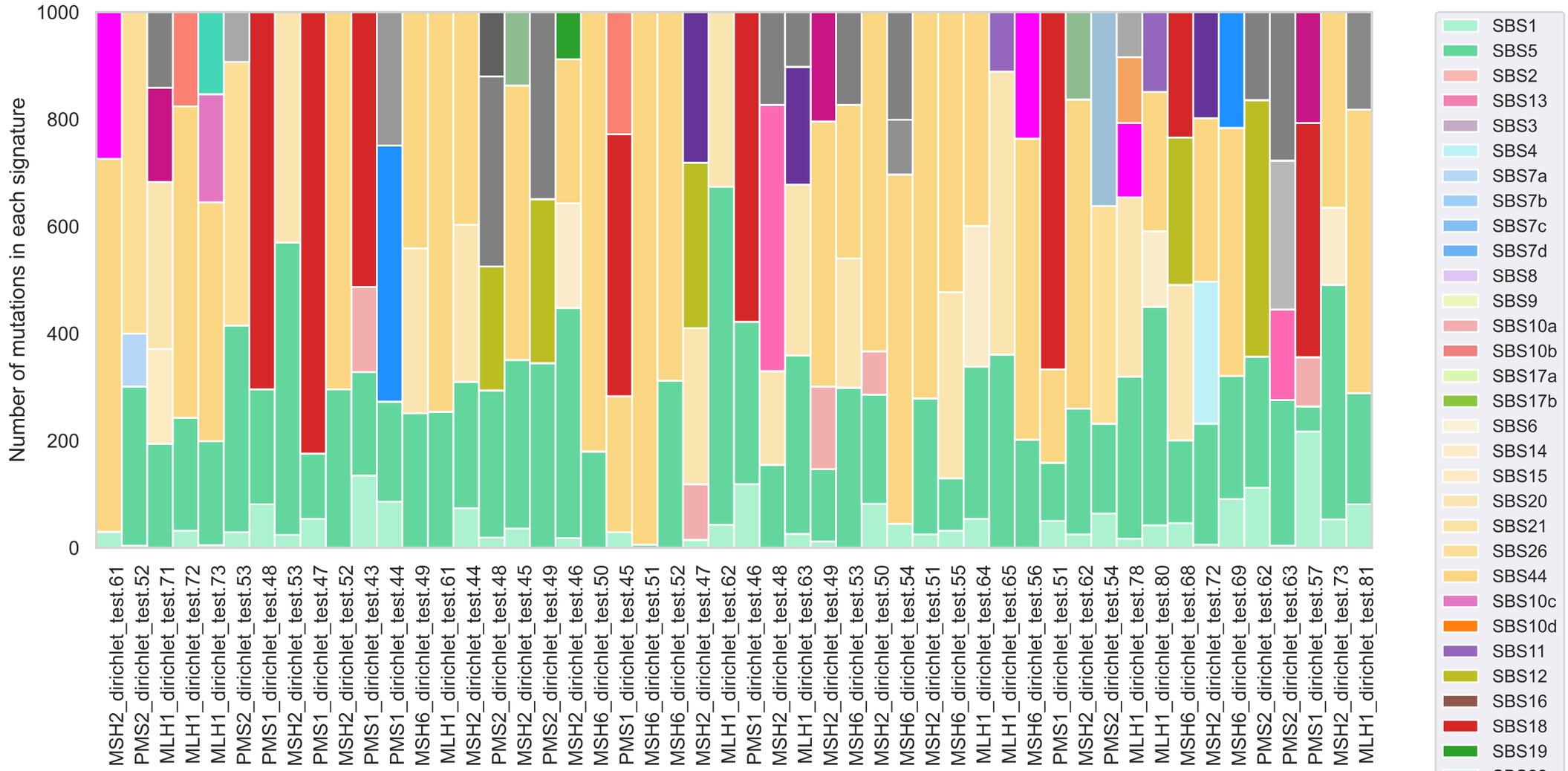
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PMS1_dirichlet_test.48
MSH2_dirichlet_test.53
PMS1_dirichlet_test.47
MSH2_dirichlet_test.52
PMS1_dirichlet_test.43
PMS1_dirichlet_test.44
MSH6_dirichlet_test.49
MLH1_dirichlet_test.61
MSH2_dirichlet_test.44
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MSH2_dirichlet_test.45
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MSH2_dirichlet_test.46
MSH6_dirichlet_test.50
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MSH6_dirichlet_test.51
MSH6_dirichlet_test.52
MSH2_dirichlet_test.47
MLH1_dirichlet_test.62
PMS1_dirichlet_test.46
MSH2_dirichlet_test.48
MLH1_dirichlet_test.63
MSH2_dirichlet_test.49
MSH6_dirichlet_test.53
MSH2_dirichlet_test.50
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MSH2_dirichlet_test.51
MSH6_dirichlet_test.55
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MLH1_dirichlet_test.65
MSH6_dirichlet_test.56
PMS1_dirichlet_test.51
MSH2_dirichlet_test.62
PMS2_dirichlet_test.54
MLH1_dirichlet_test.78
MLH1_dirichlet_test.80
MSH6_dirichlet_test.68
MSH2_dirichlet_test.72
MSH6_dirichlet_test.69
PMS2_dirichlet_test.62
PMS2_dirichlet_test.63
PMS1_dirichlet_test.57
MSH2_dirichlet_test.73
MLH1_dirichlet_test.81
SBS1
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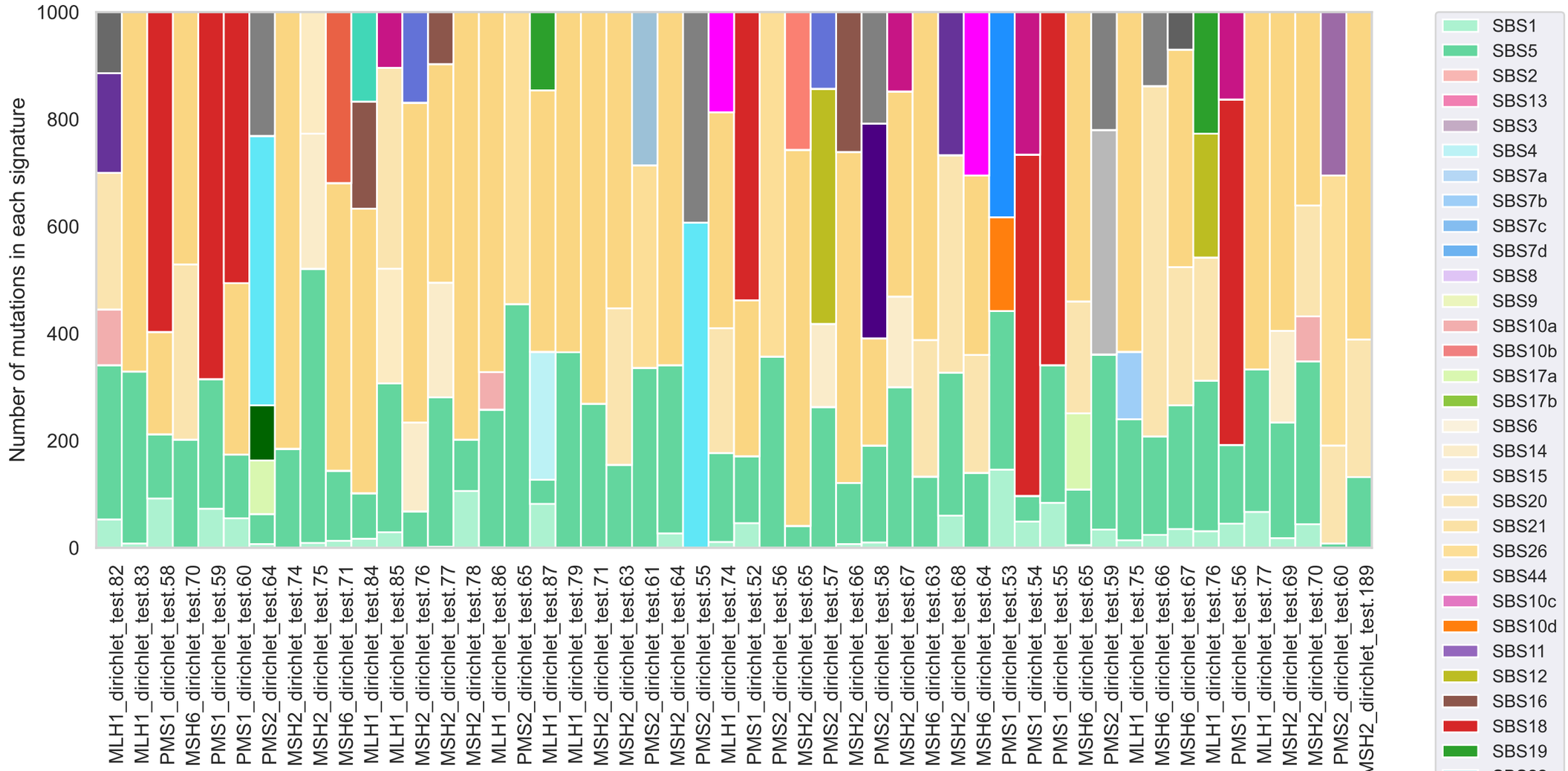
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PMS1_dirichlet_test.60
PMS2_dirichlet_test.64
MSH2_dirichlet_test.74
MSH2_dirichlet_test.75
MSH6_dirichlet_test.71
MLH1_dirichlet_test.84
MLH1_dirichlet_test.85
MSH2_dirichlet_test.76
MSH2_dirichlet_test.77
MSH2_dirichlet_test.78
MLH1_dirichlet_test.86
PMS2_dirichlet_test.65
MLH1_dirichlet_test.87
MLH1_dirichlet_test.79
MSH2_dirichlet_test.71
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PMS2_dirichlet_test.61
MSH2_dirichlet_test.64
PMS2_dirichlet_test.55
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PMS2_dirichlet_test.56
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MSH2_dirichlet_test.66
PMS2_dirichlet_test.58
MSH2_dirichlet_test.67
MSH6_dirichlet_test.63
MSH2_dirichlet_test.68
MSH6_dirichlet_test.64
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PMS1_dirichlet_test.54
PMS1_dirichlet_test.55
MSH6_dirichlet_test.65
PMS2_dirichlet_test.59
MLH1_dirichlet_test.75
MSH6_dirichlet_test.66
MSH6_dirichlet_test.67
MLH1_dirichlet_test.76
PMS1_dirichlet_test.56
MLH1_dirichlet_test.77
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MSH2_dirichlet_test.70
PMS2_dirichlet_test.60
MSH2_dirichlet_test.189
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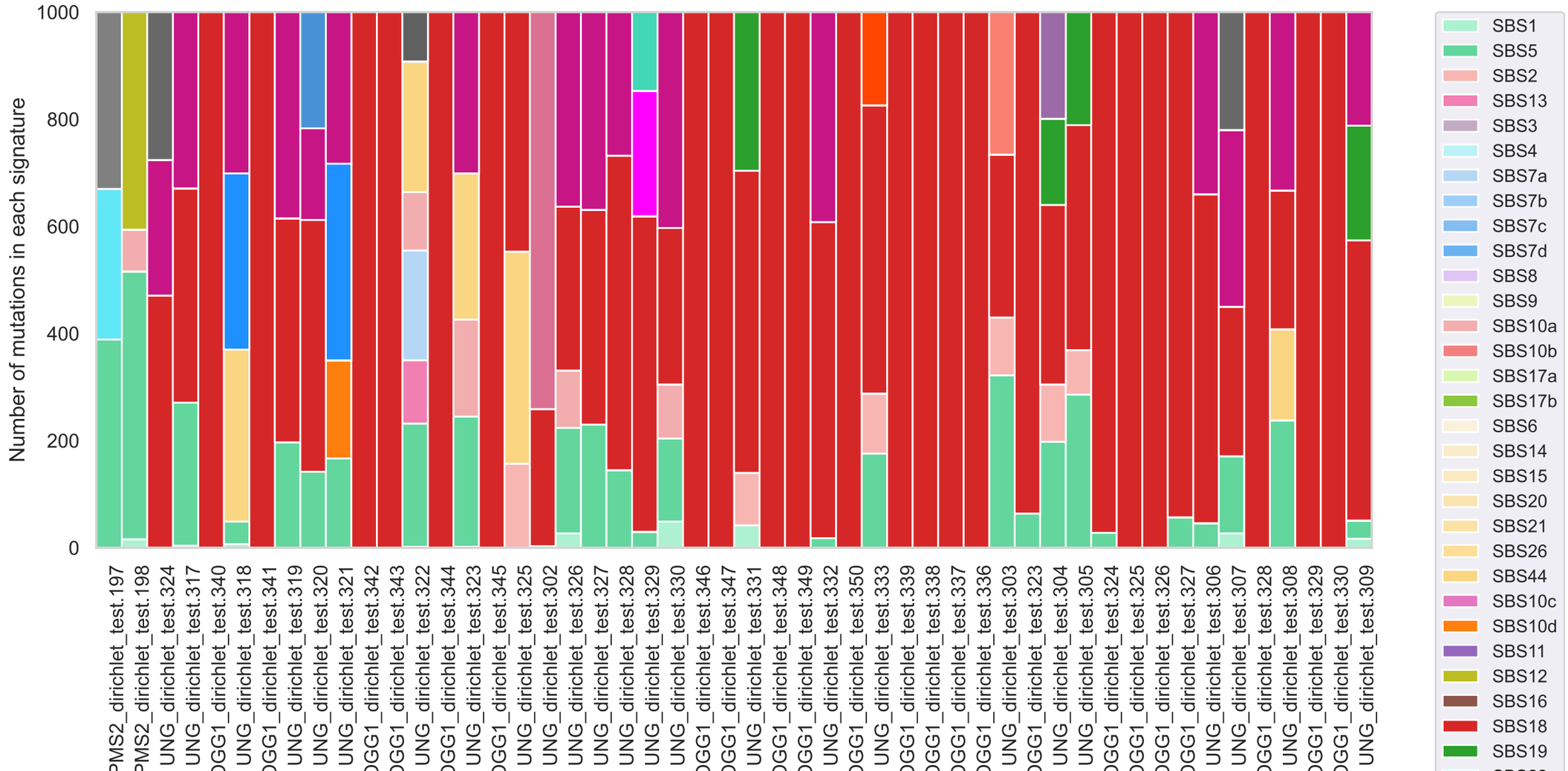
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OGG1_dirichlet_test.341
UNG_dirichlet_test.319
UNG_dirichlet_test.320
UNG_dirichlet_test.321
OGG1_dirichlet_test.342
OGG1_dirichlet_test.343
UNG_dirichlet_test.322
OGG1_dirichlet_test.344
UNG_dirichlet_test.323
OGG1_dirichlet_test.345
UNG_dirichlet_test.325
UNG_dirichlet_test.302
UNG_dirichlet_test.326
UNG_dirichlet_test.327
UNG_dirichlet_test.328
UNG_dirichlet_test.329
UNG_dirichlet_test.330
OGG1_dirichlet_test.346
OGG1_dirichlet_test.347
UNG_dirichlet_test.331
OGG1_dirichlet_test.348
OGG1_dirichlet_test.349
UNG_dirichlet_test.332
OGG1_dirichlet_test.350
UNG_dirichlet_test.333
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OGG1_dirichlet_test.338
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OGG1_dirichlet_test.336
UNG_dirichlet_test.303
OGG1_dirichlet_test.323
UNG_dirichlet_test.304
UNG_dirichlet_test.305
OGG1_dirichlet_test.324
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UNG_dirichlet_test.306
UNG_dirichlet_test.307
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OGG1_dirichlet_test.330
UNG_dirichlet_test.309
SBS1
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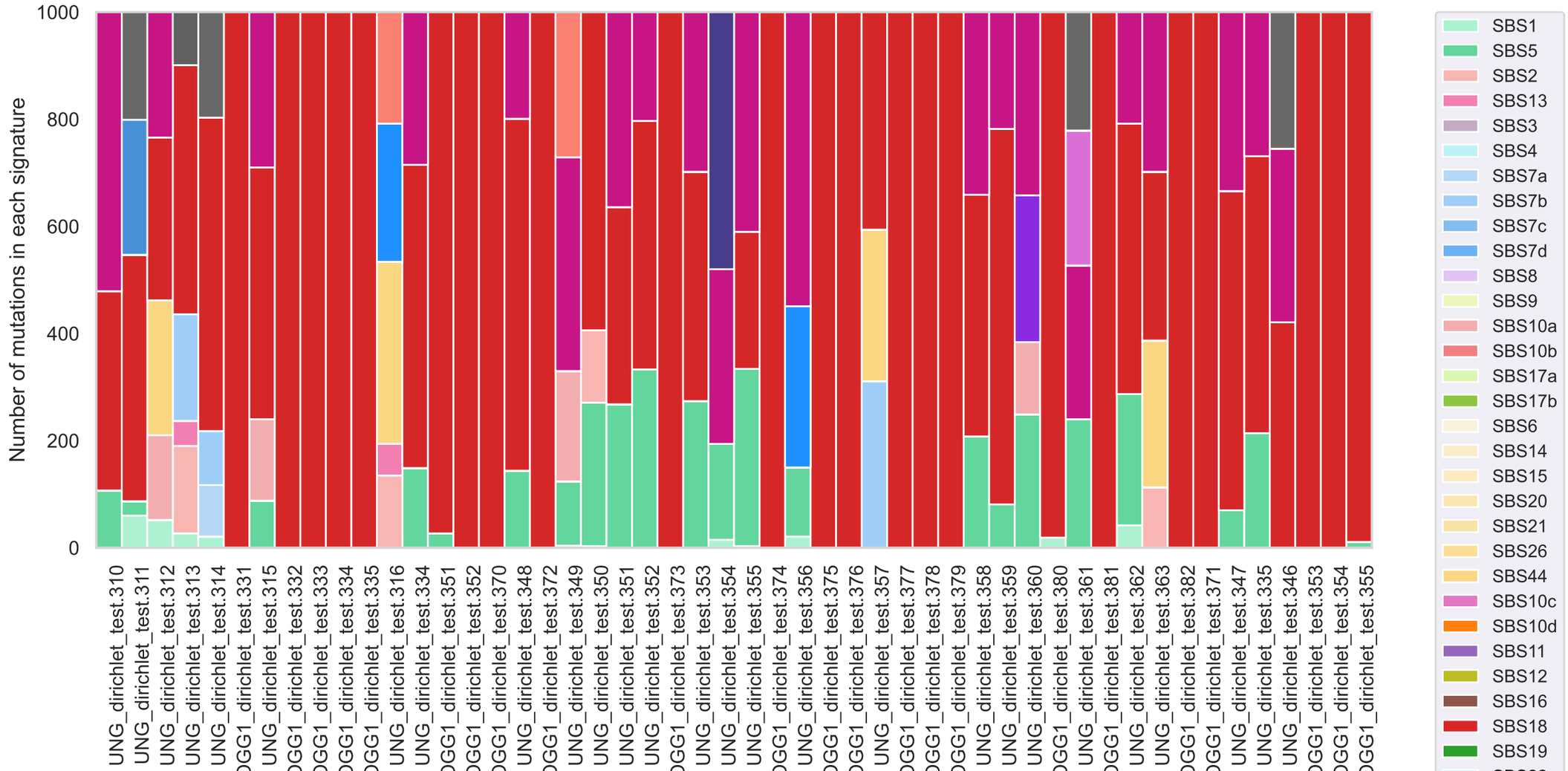
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OGG1_dirichlet_test.333
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UNG_dirichlet_test.334
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UNG_dirichlet_test.361
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OGG1_dirichlet_test.382
OGG1_dirichlet_test.371
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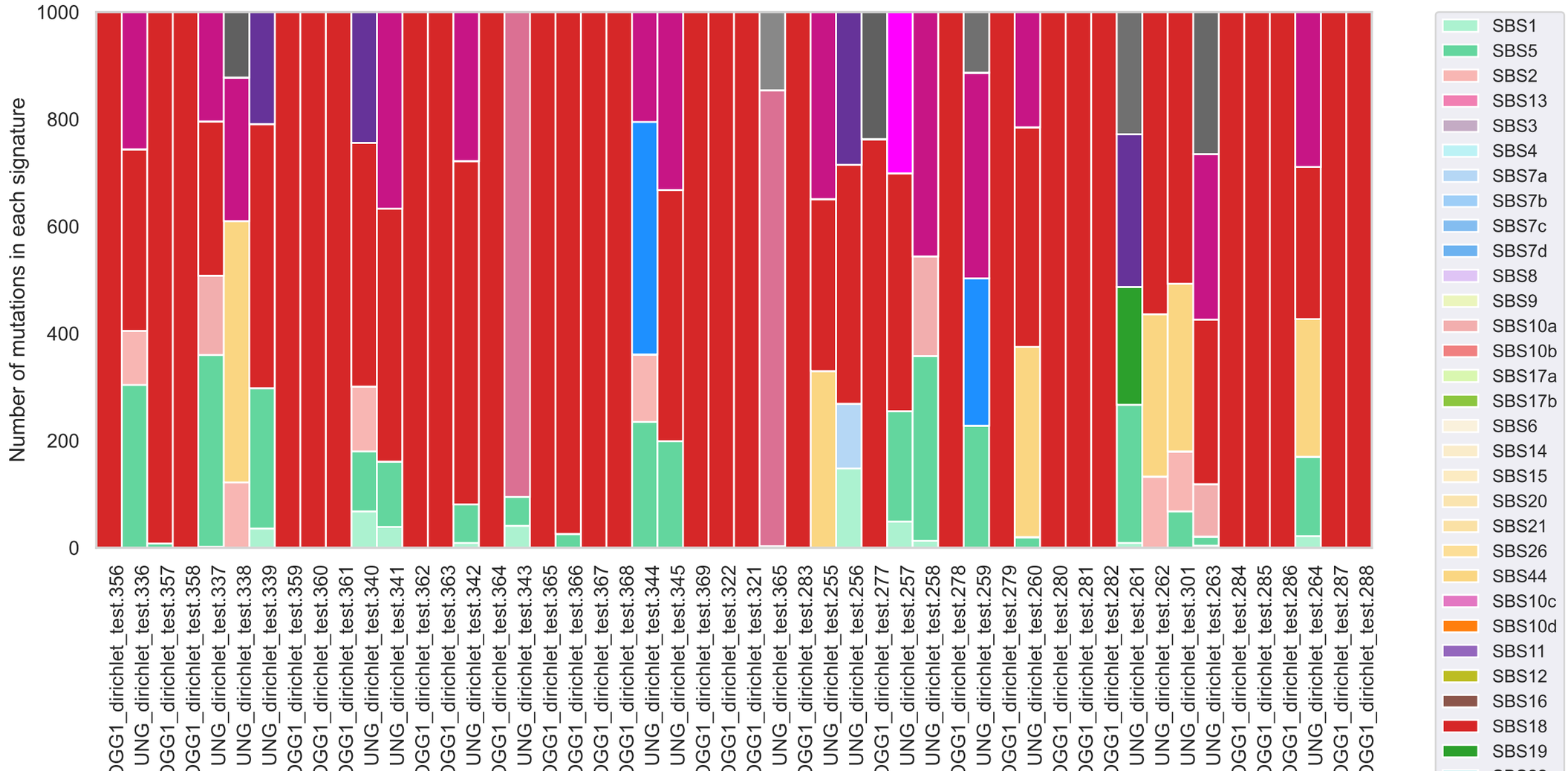
Number of mutations in each signature
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UNG_dirichlet_test.338
UNG_dirichlet_test.339
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OGG1_dirichlet_test.361
UNG_dirichlet_test.340
UNG_dirichlet_test.341
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OGG1_dirichlet_test.367
OGG1_dirichlet_test.368
UNG_dirichlet_test.344
UNG_dirichlet_test.345
OGG1_dirichlet_test.369
OGG1_dirichlet_test.322
OGG1_dirichlet_test.321
UNG_dirichlet_test.365
OGG1_dirichlet_test.283
UNG_dirichlet_test.255
UNG_dirichlet_test.256
OGG1_dirichlet_test.277
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OGG1_dirichlet_test.278
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OGG1_dirichlet_test.286
UNG_dirichlet_test.264
OGG1_dirichlet_test.287
OGG1_dirichlet_test.288
SBS1
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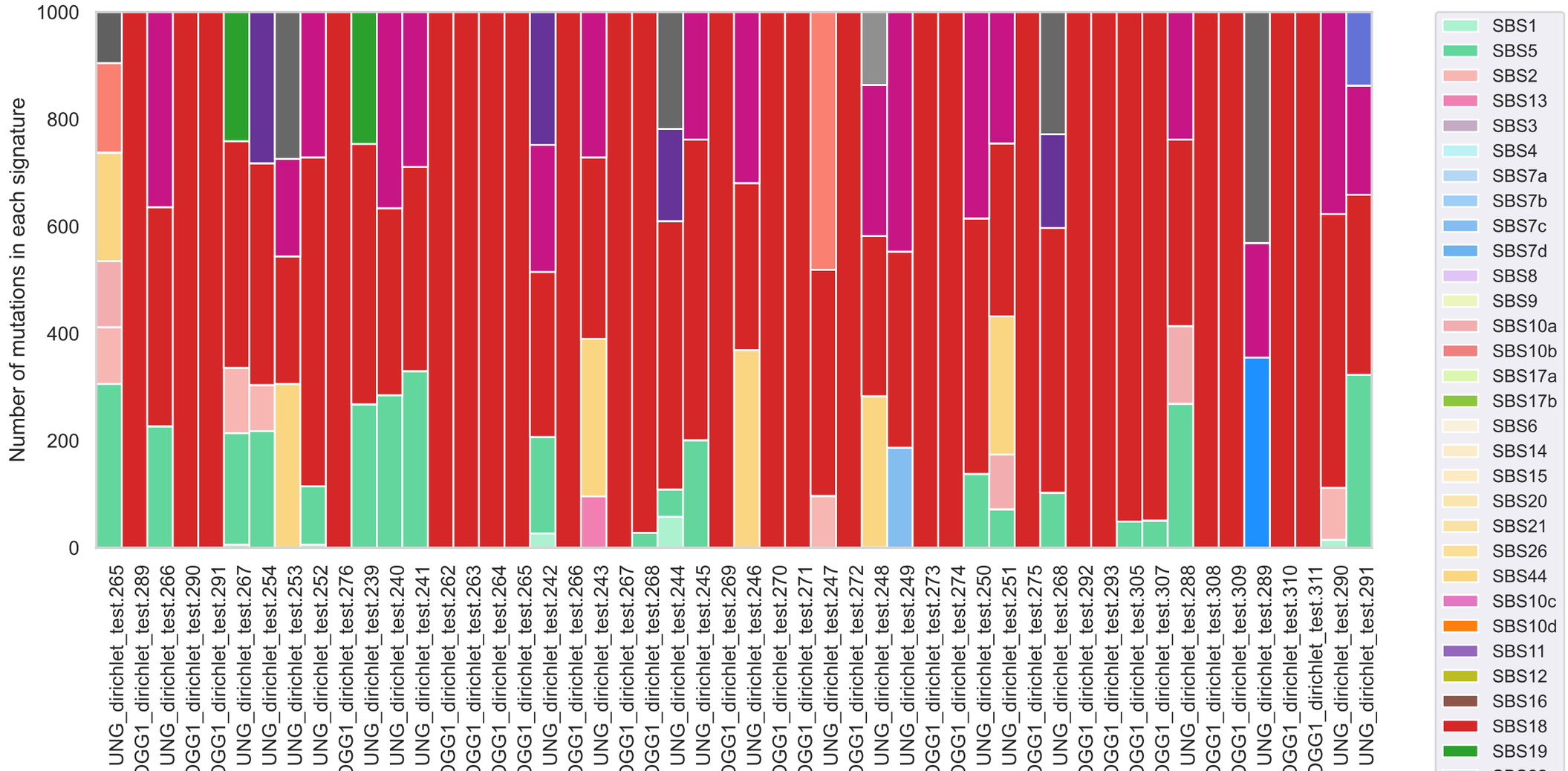
Number of mutations in each signature
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UNG_dirichlet_test.253
UNG_dirichlet_test.252
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DGG1_dirichlet_test.263
DGG1_dirichlet_test.264
DGG1_dirichlet_test.265
UNG_dirichlet_test.242
DGG1_dirichlet_test.266
UNG_dirichlet_test.243
DGG1_dirichlet_test.267
DGG1_dirichlet_test.268
UNG_dirichlet_test.244
UNG_dirichlet_test.245
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DGG1_dirichlet_test.270
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DGG1_dirichlet_test.273
DGG1_dirichlet_test.274
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DGG1_dirichlet_test.275
UNG_dirichlet_test.268
DGG1_dirichlet_test.292
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DGG1_dirichlet_test.305
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UNG_dirichlet_test.290
UNG_dirichlet_test.291
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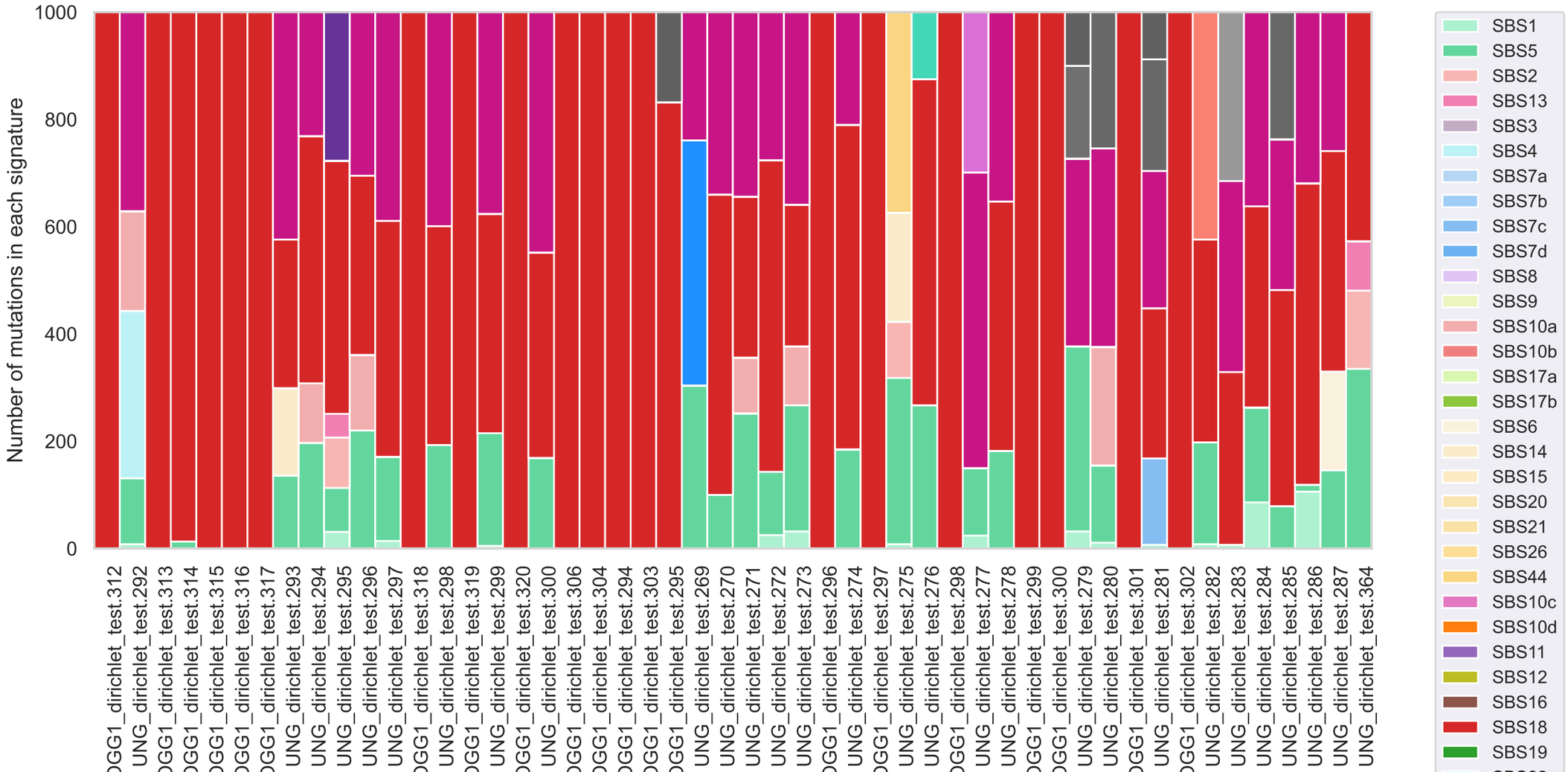
Number of mutations in each signature
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OGG1_dirichlet_test.317
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UNG_dirichlet_test.295
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UNG_dirichlet_test.297
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UNG_dirichlet_test.300
OGG1_dirichlet_test.306
OGG1_dirichlet_test.304
OGG1_dirichlet_test.294
OGG1_dirichlet_test.303
OGG1_dirichlet_test.295
UNG_dirichlet_test.269
UNG_dirichlet_test.270
UNG_dirichlet_test.271
UNG_dirichlet_test.272
UNG_dirichlet_test.273
OGG1_dirichlet_test.296
UNG_dirichlet_test.274
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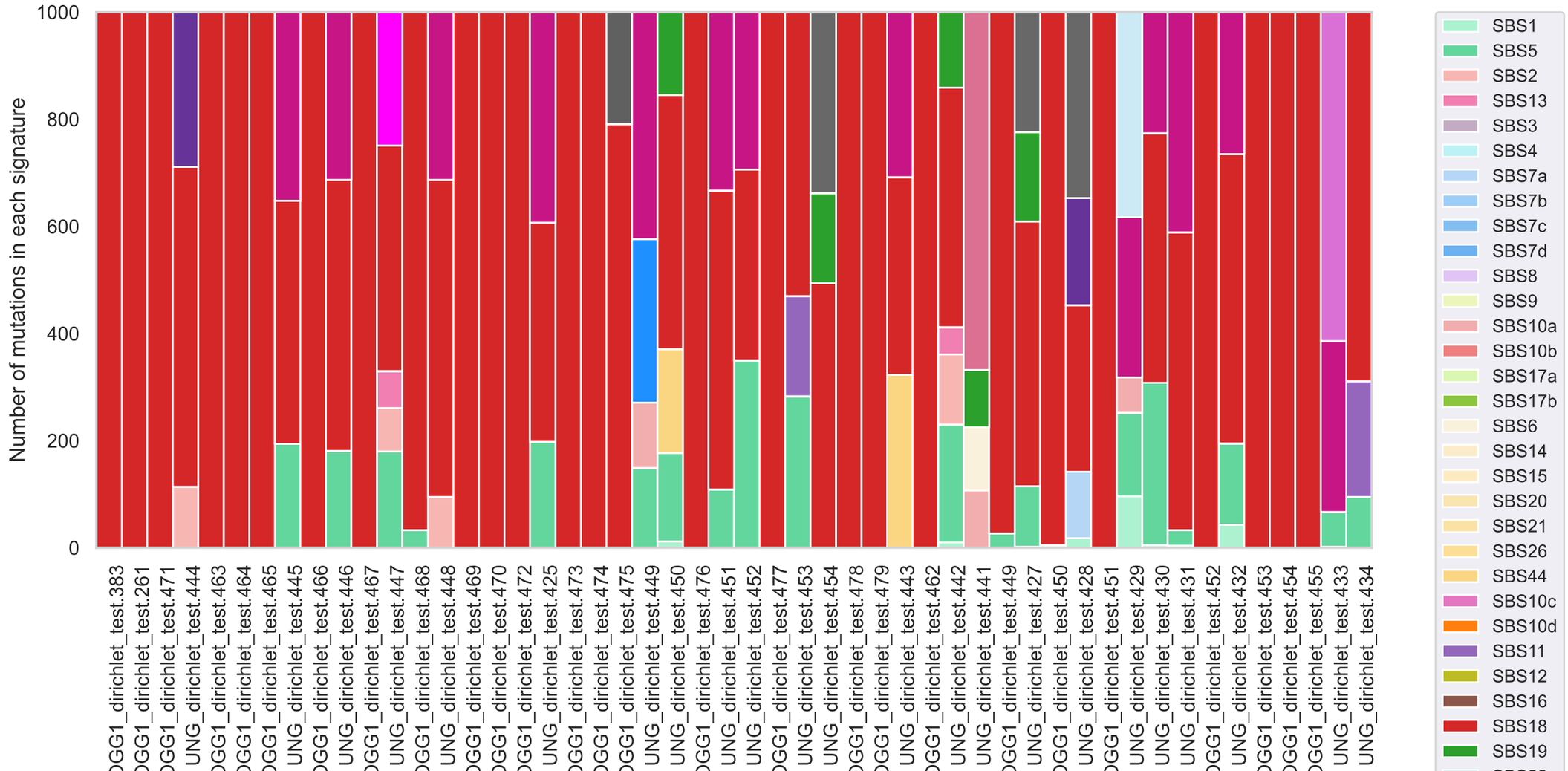
Number of mutations in each signature
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UNG_dirichlet_test.446
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OGG1_dirichlet_test.472
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OGG1_dirichlet_test.474
OGG1_dirichlet_test.475
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UNG_dirichlet_test.450
OGG1_dirichlet_test.476
UNG_dirichlet_test.451
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UNG_dirichlet_test.454
OGG1_dirichlet_test.478
OGG1_dirichlet_test.479
UNG_dirichlet_test.443
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UNG_dirichlet_test.441
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OGG1_dirichlet_test.455
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UNG_dirichlet_test.434
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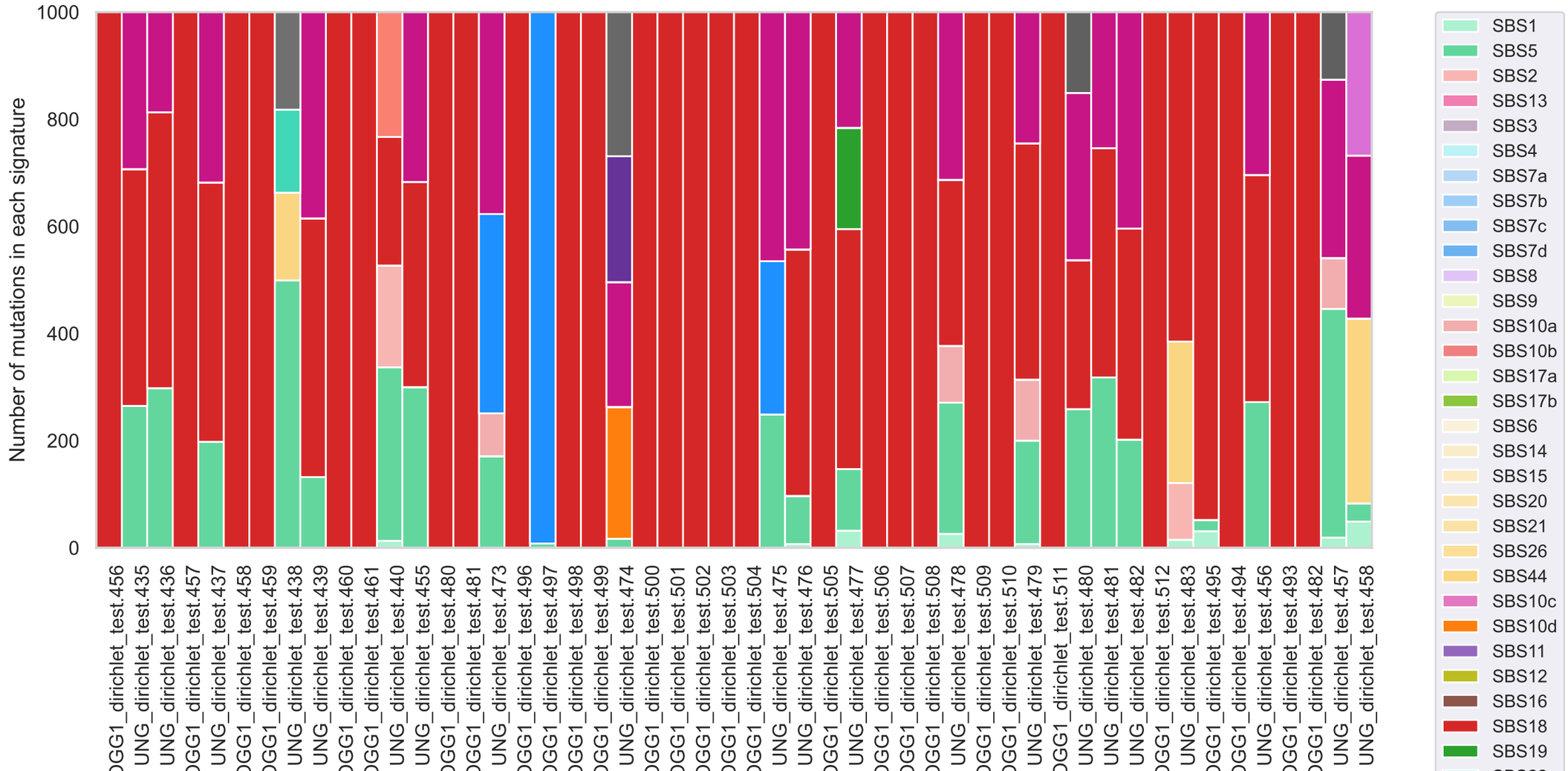
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OGG1_dirichlet_test.503
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UNG_dirichlet_test.475
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OGG1_dirichlet_test.482
UNG_dirichlet_test.457
UNG_dirichlet_test.458
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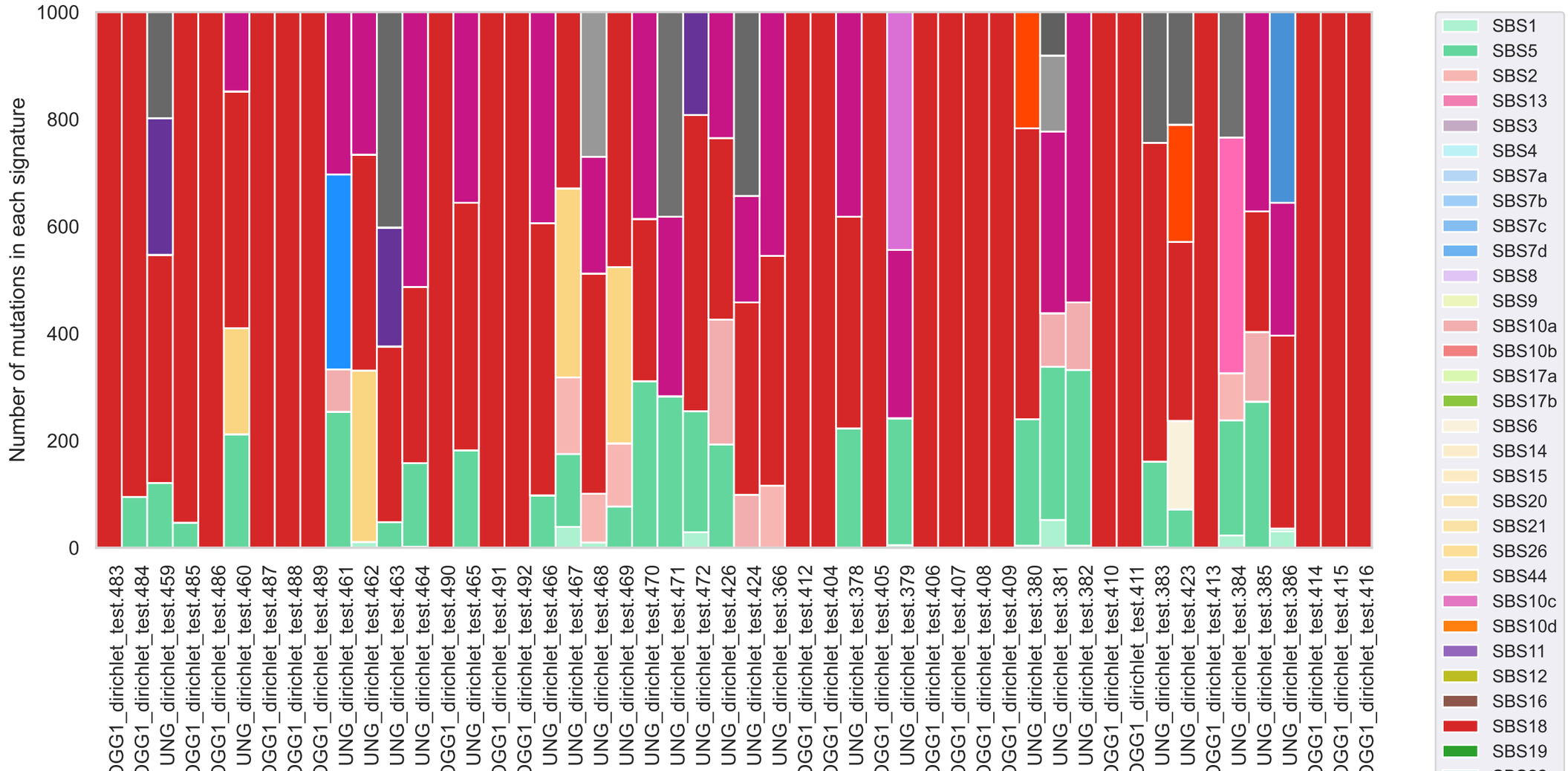
Number of mutations in each signature
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UNG_dirichlet_test.382
OGG1_dirichlet_test.410
OGG1_dirichlet_test.411
UNG_dirichlet_test.383
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OGG1_dirichlet_test.413
UNG_dirichlet_test.384
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UNG_dirichlet_test.386
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OGG1_dirichlet_test.415
OGG1_dirichlet_test.416
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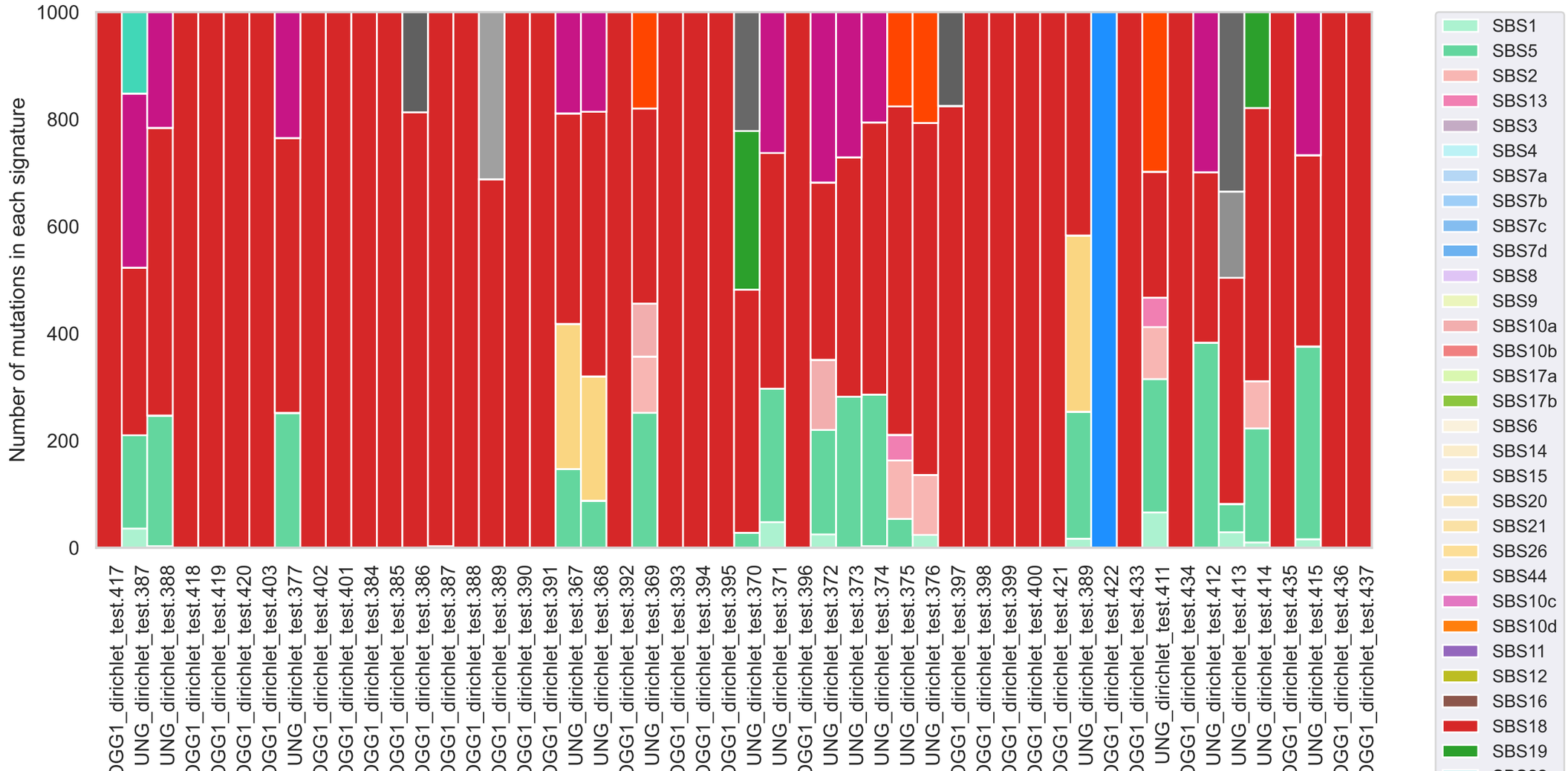
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OGG1_dirichlet_test.401
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OGG1_dirichlet_test.393
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UNG_dirichlet_test.371
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UNG_dirichlet_test.411
OGG1_dirichlet_test.434
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UNG_dirichlet_test.414
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UNG_dirichlet_test.415
OGG1_dirichlet_test.436
OGG1_dirichlet_test.437
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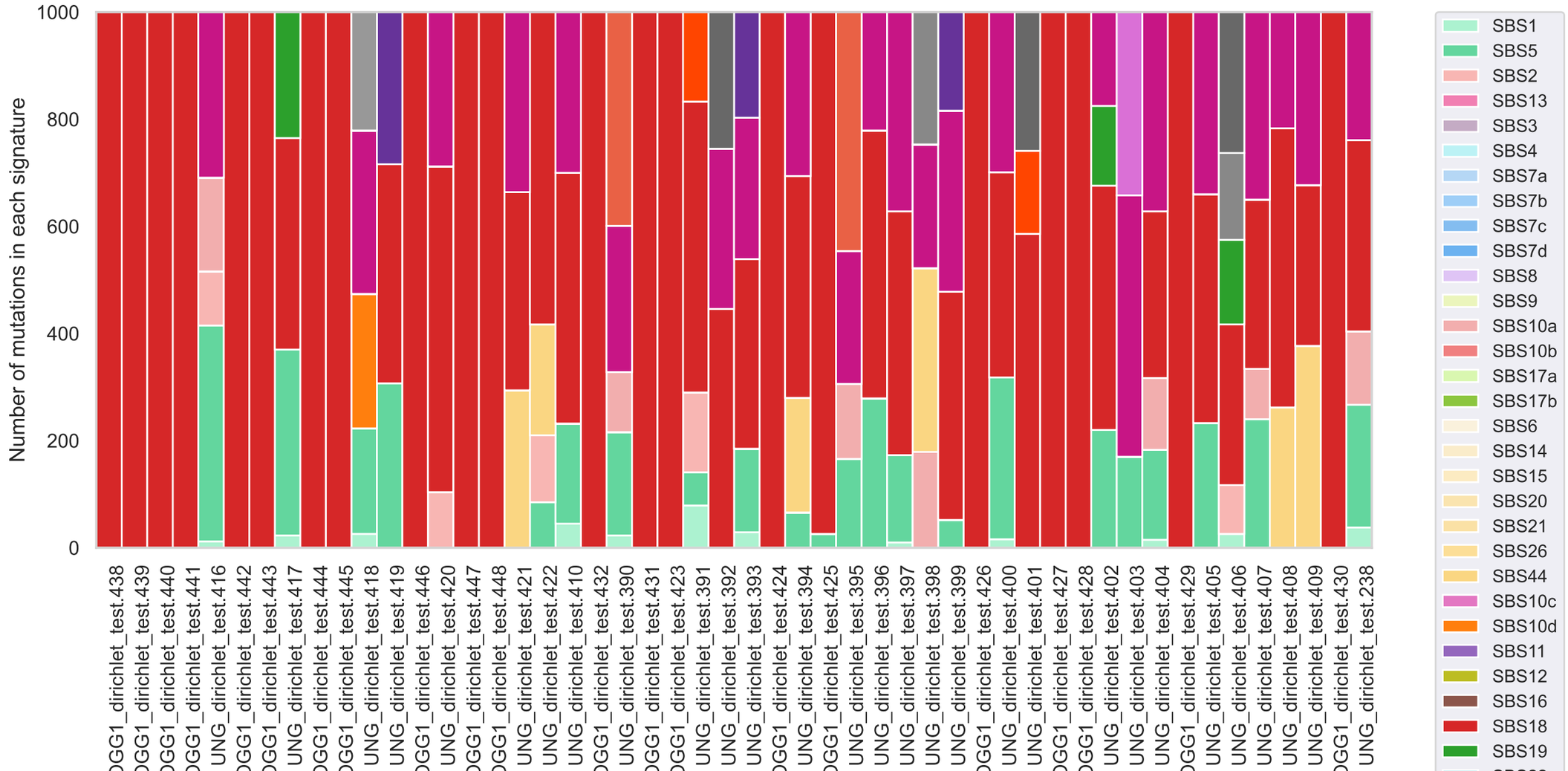
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UNG_dirichlet_test.419
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OGG1_dirichlet_test.448
UNG_dirichlet_test.421
UNG_dirichlet_test.422
UNG_dirichlet_test.410
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UNG_dirichlet_test.393
OGG1_dirichlet_test.424
UNG_dirichlet_test.394
OGG1_dirichlet_test.425
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UNG_dirichlet_test.399
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UNG_dirichlet_test.401
OGG1_dirichlet_test.427
OGG1_dirichlet_test.428
UNG_dirichlet_test.402
UNG_dirichlet_test.403
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UNG_dirichlet_test.408
UNG_dirichlet_test.409
OGG1_dirichlet_test.430
UNG_dirichlet_test.238
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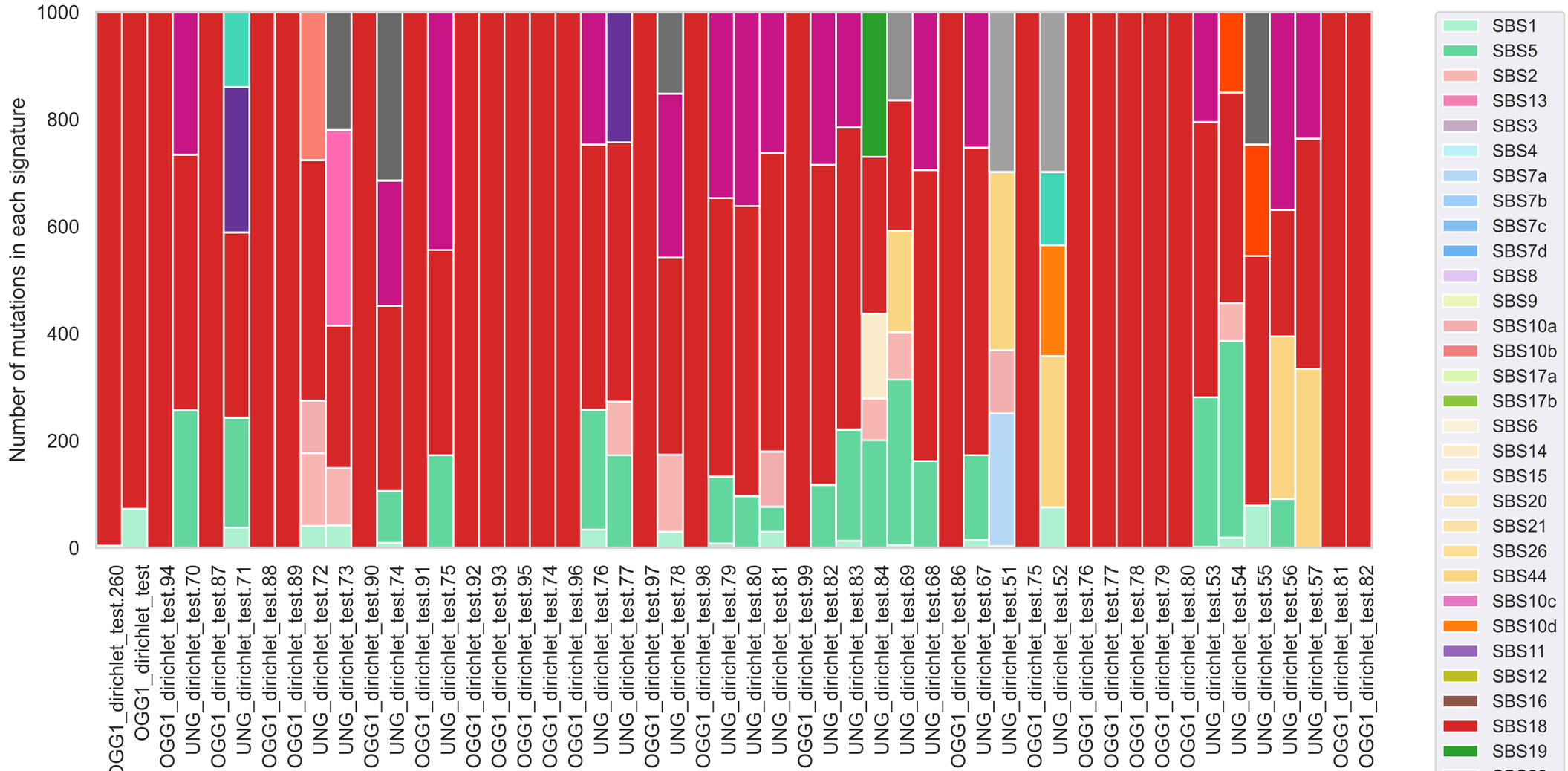
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OGG1_dirichlet_test.80
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UNG_dirichlet_test.57
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OGG1_dirichlet_test.82
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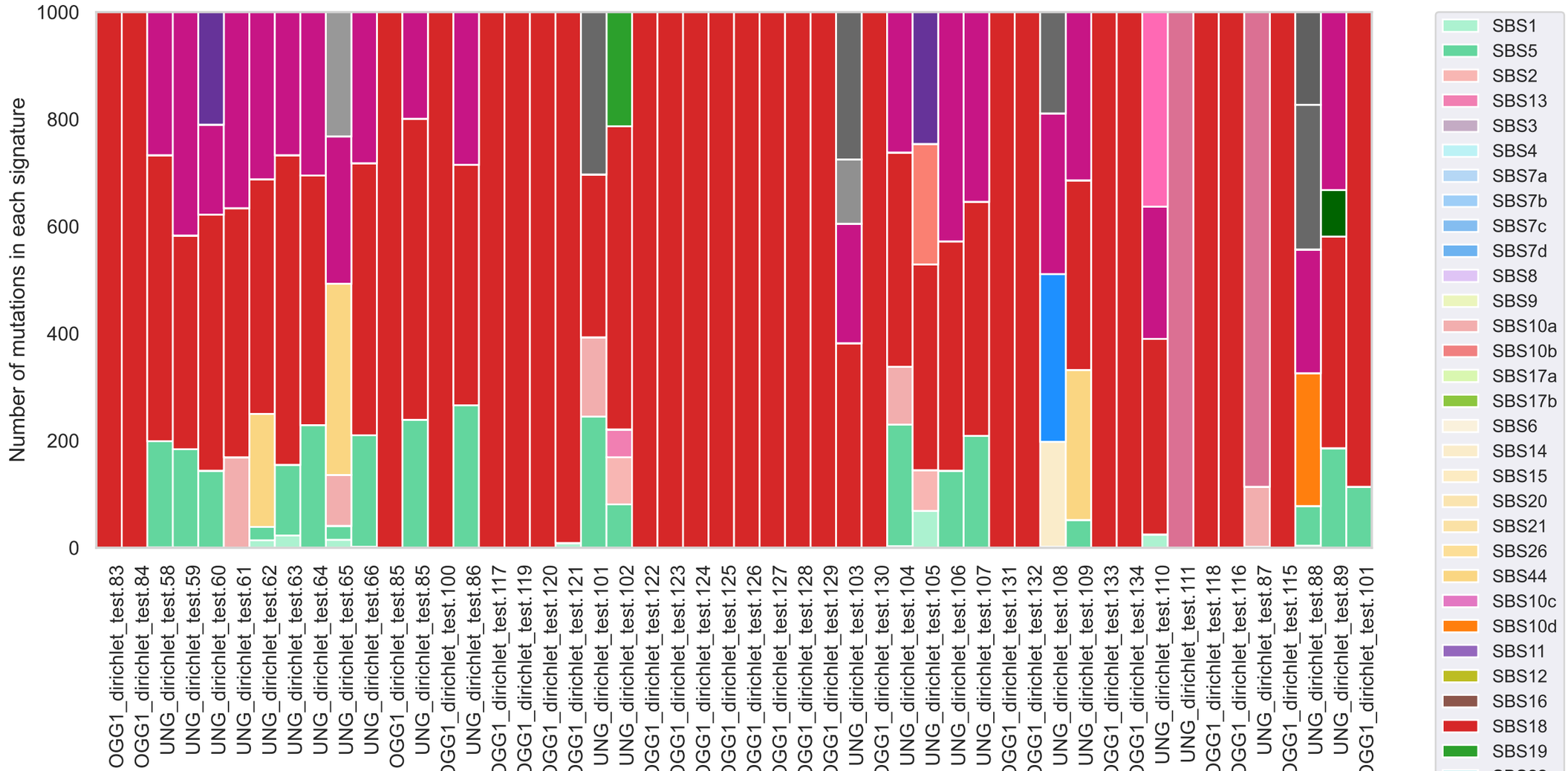
Number of mutations in each signature
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UNG_dirichlet_test.65
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UNG_dirichlet_test.89
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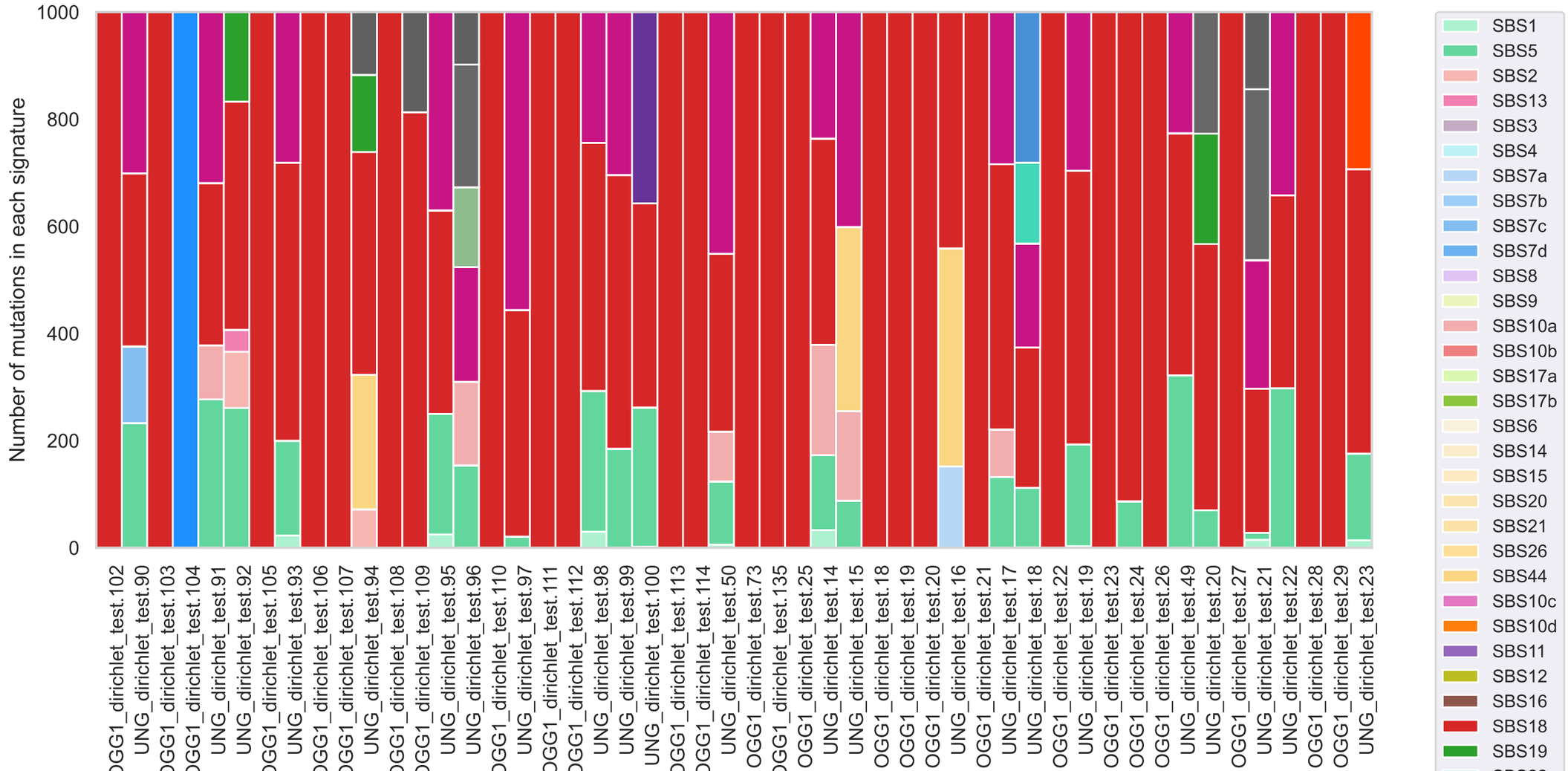
Number of mutations in each signature
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UNG_dirichlet_test.18
OGG1_dirichlet_test.22
UNG_dirichlet_test.19
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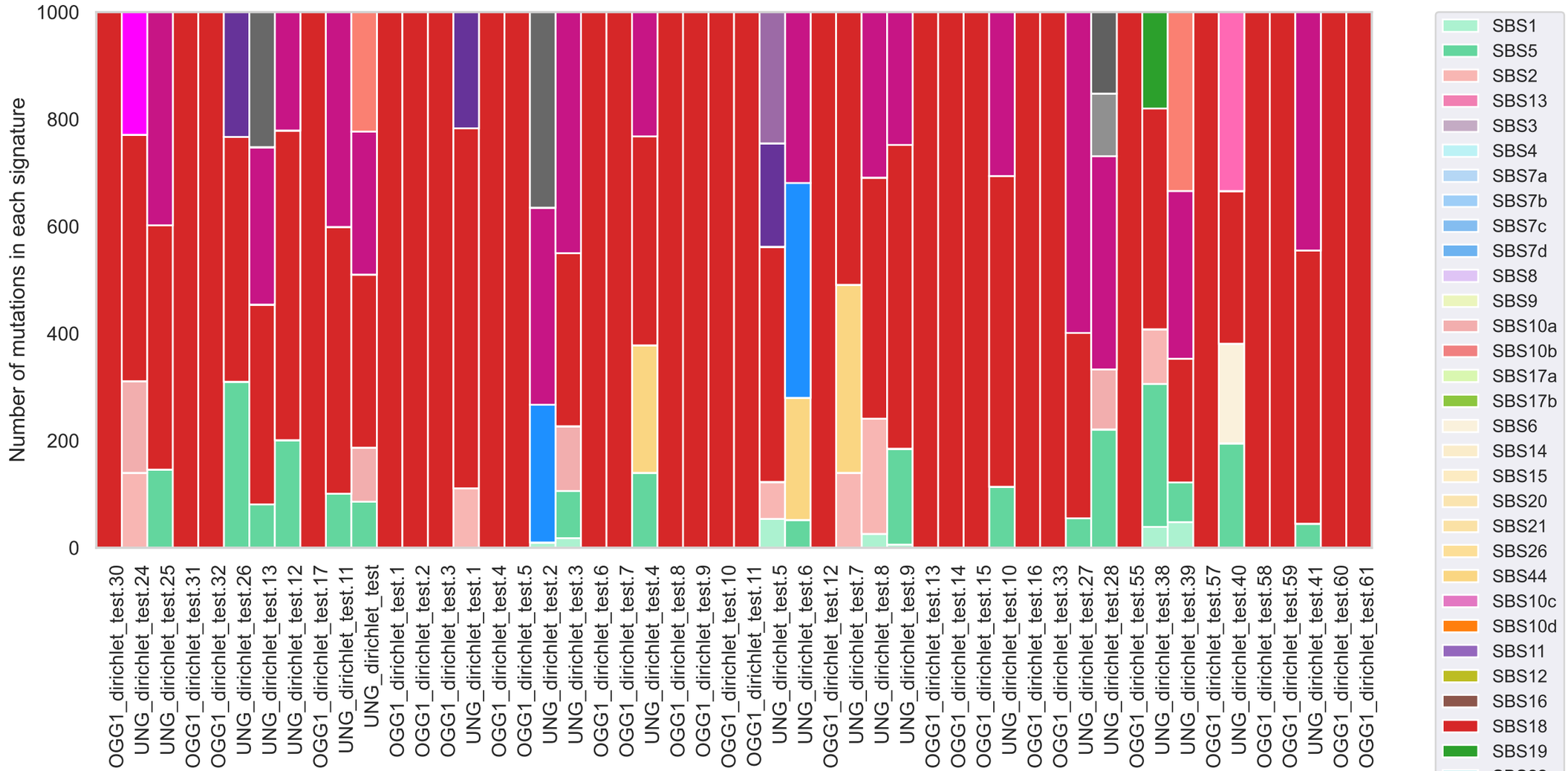
Number of mutations in each signature
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UNG_dirichlet_test.5
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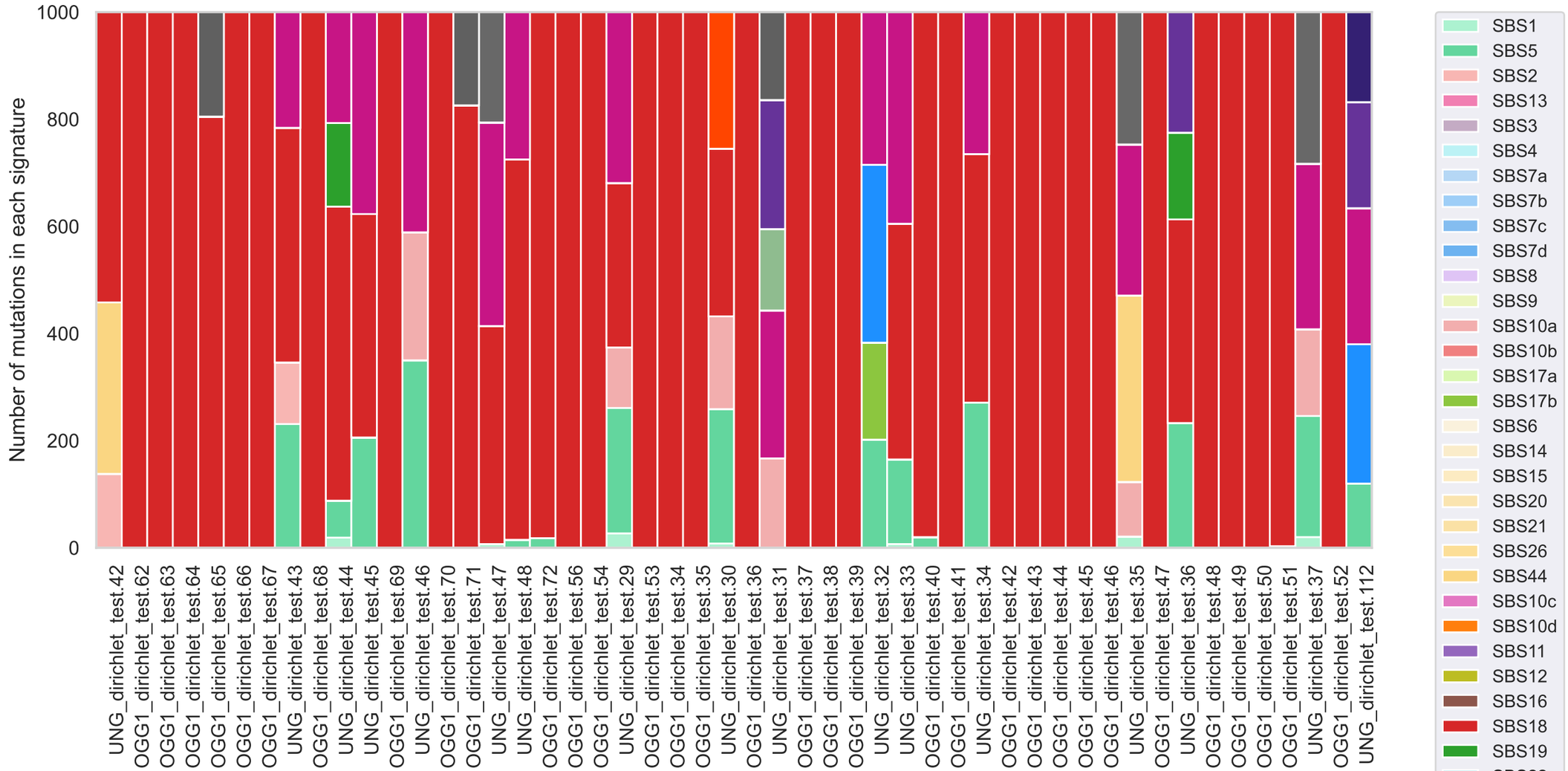
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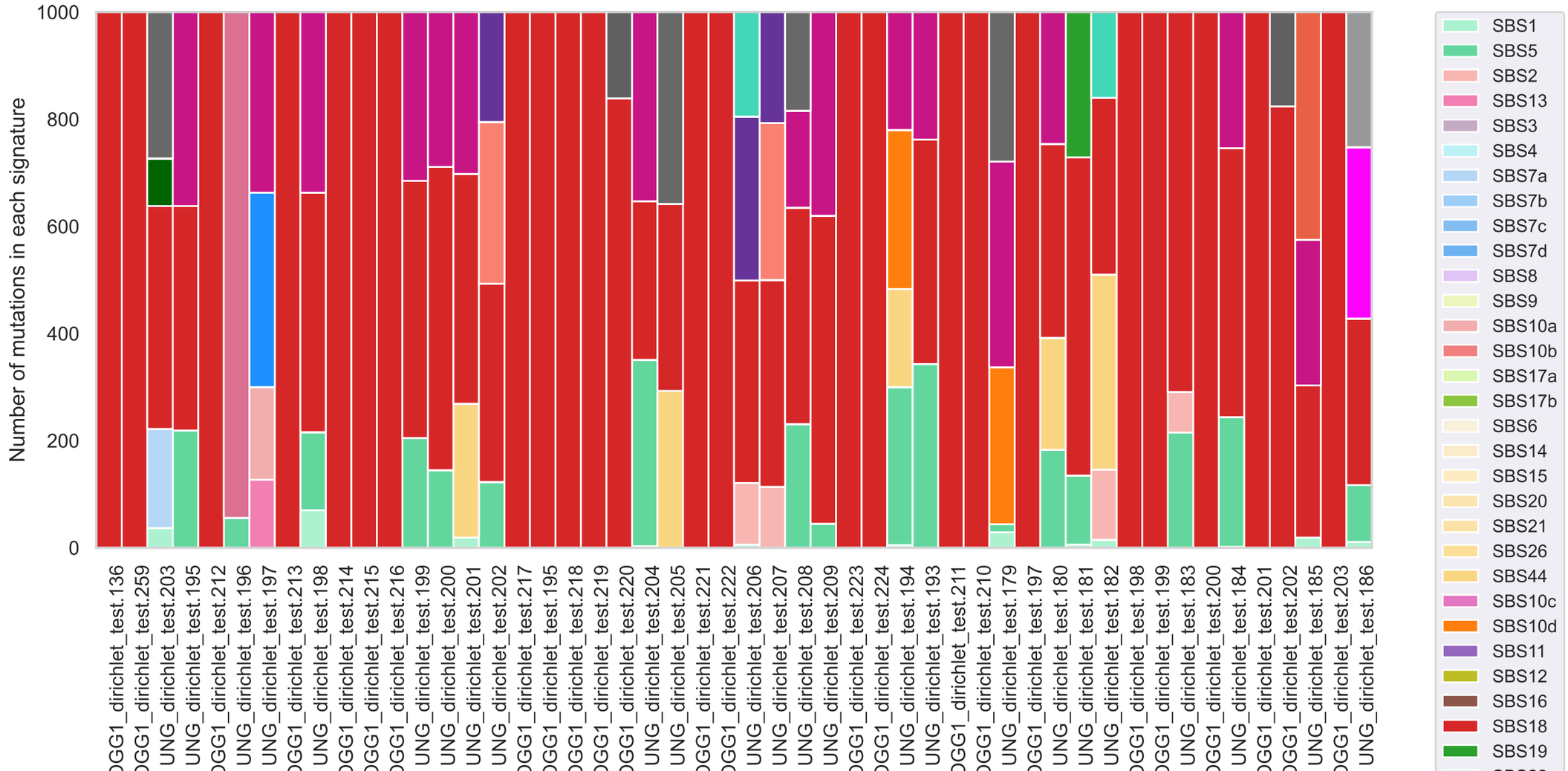
Number of mutations in each signature
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OGG1_dirichlet_test.199
UNG_dirichlet_test.183
OGG1_dirichlet_test.200
UNG_dirichlet_test.184
OGG1_dirichlet_test.201
OGG1_dirichlet_test.202
UNG_dirichlet_test.185
OGG1_dirichlet_test.203
UNG_dirichlet_test.186
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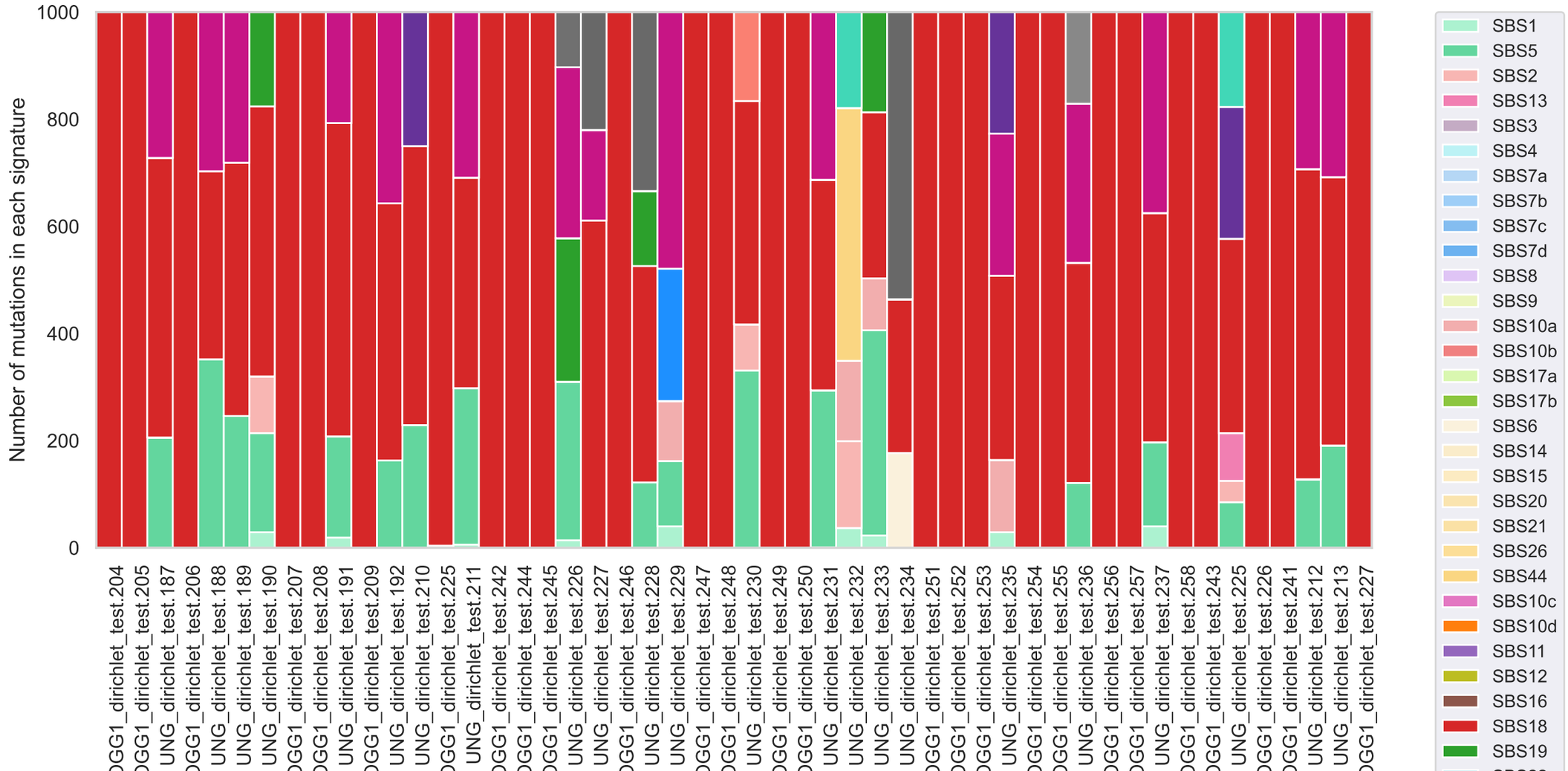
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UNG_dirichlet_test.229
OGG1_dirichlet_test.247
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OGG1_dirichlet_test.257
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UNG_dirichlet_test.225
OGG1_dirichlet_test.226
OGG1_dirichlet_test.241
UNG_dirichlet_test.212
UNG_dirichlet_test.213
OGG1_dirichlet_test.227
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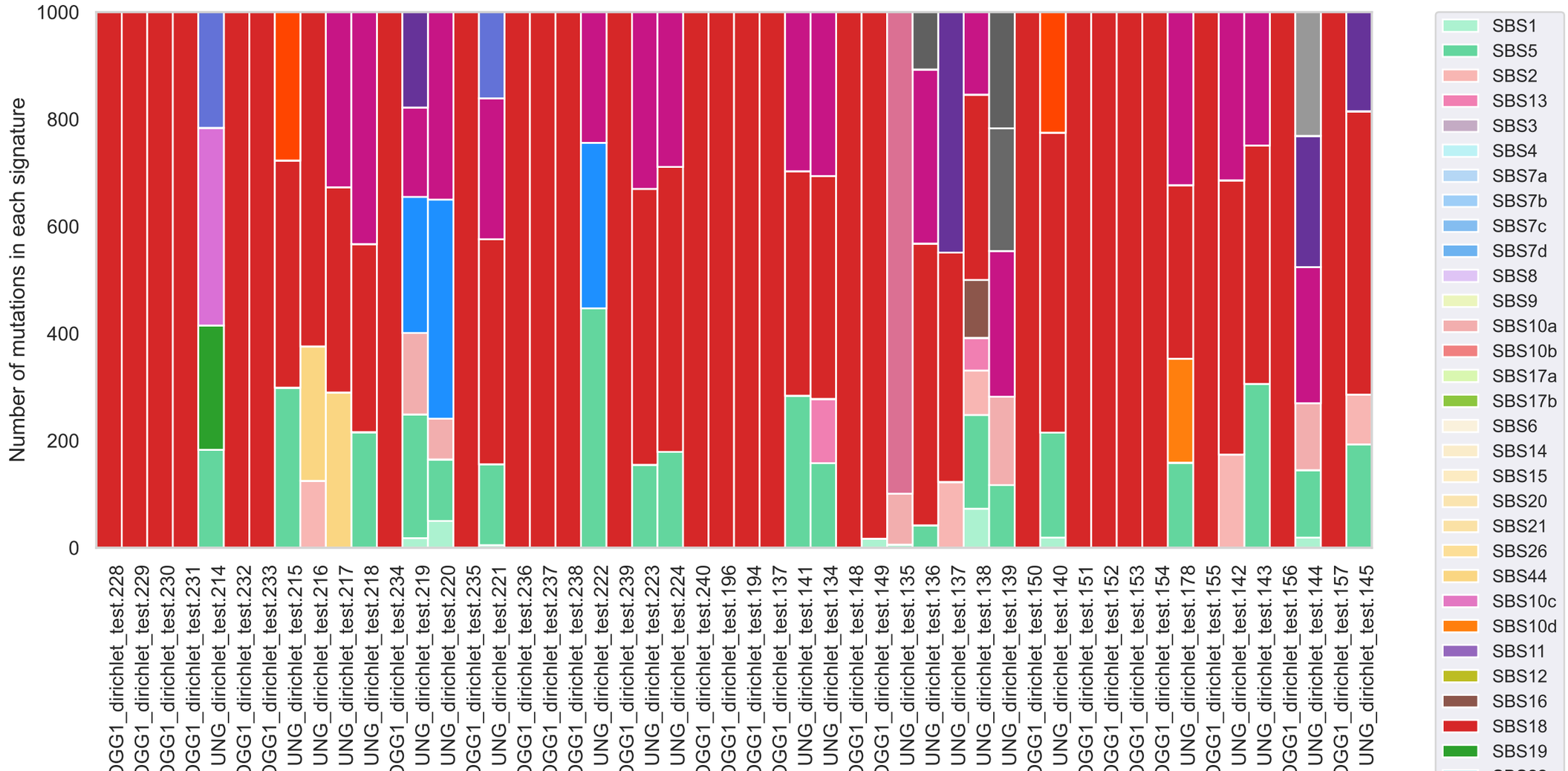
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UNG_dirichlet_test.217
UNG_dirichlet_test.218
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UNG_dirichlet_test.224
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OGG1_dirichlet_test.154
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OGG1_dirichlet_test.155
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UNG_dirichlet_test.145
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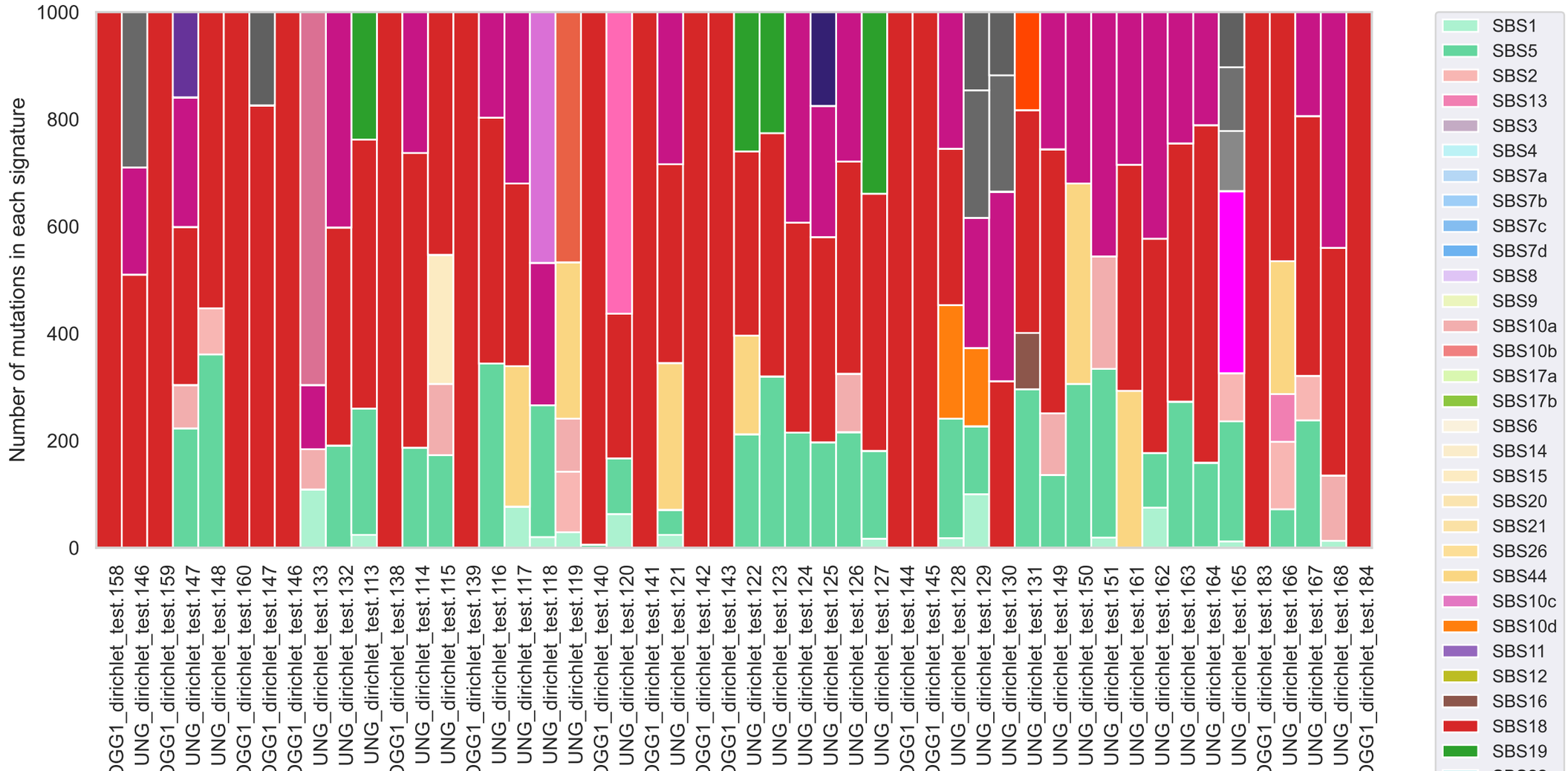
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UNG_dirichlet_test.167
UNG_dirichlet_test.168
OGG1_dirichlet_test.184
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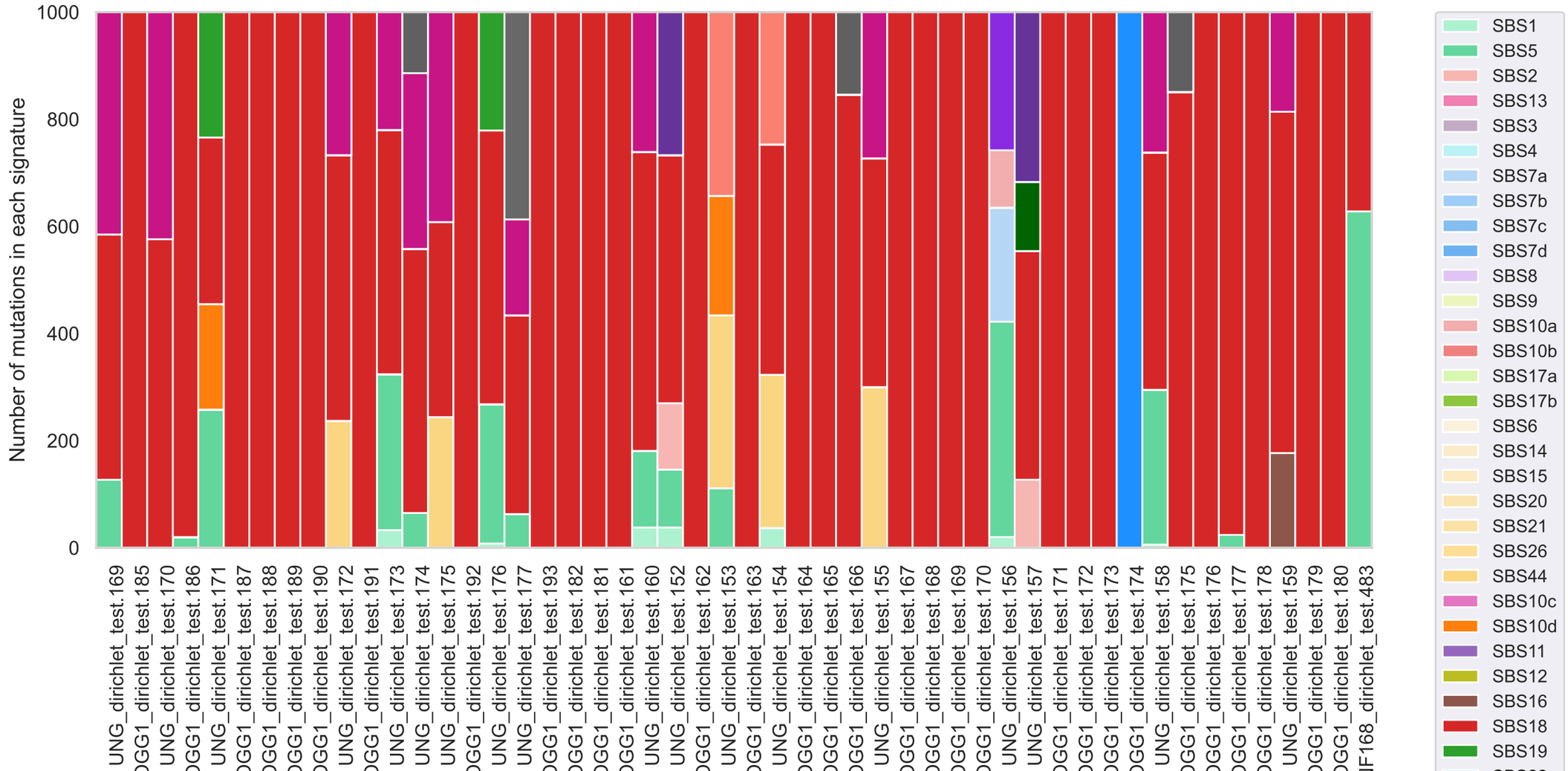
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UNG_dirichlet_test.159
OGG1_dirichlet_test.179
OGG1_dirichlet_test.180
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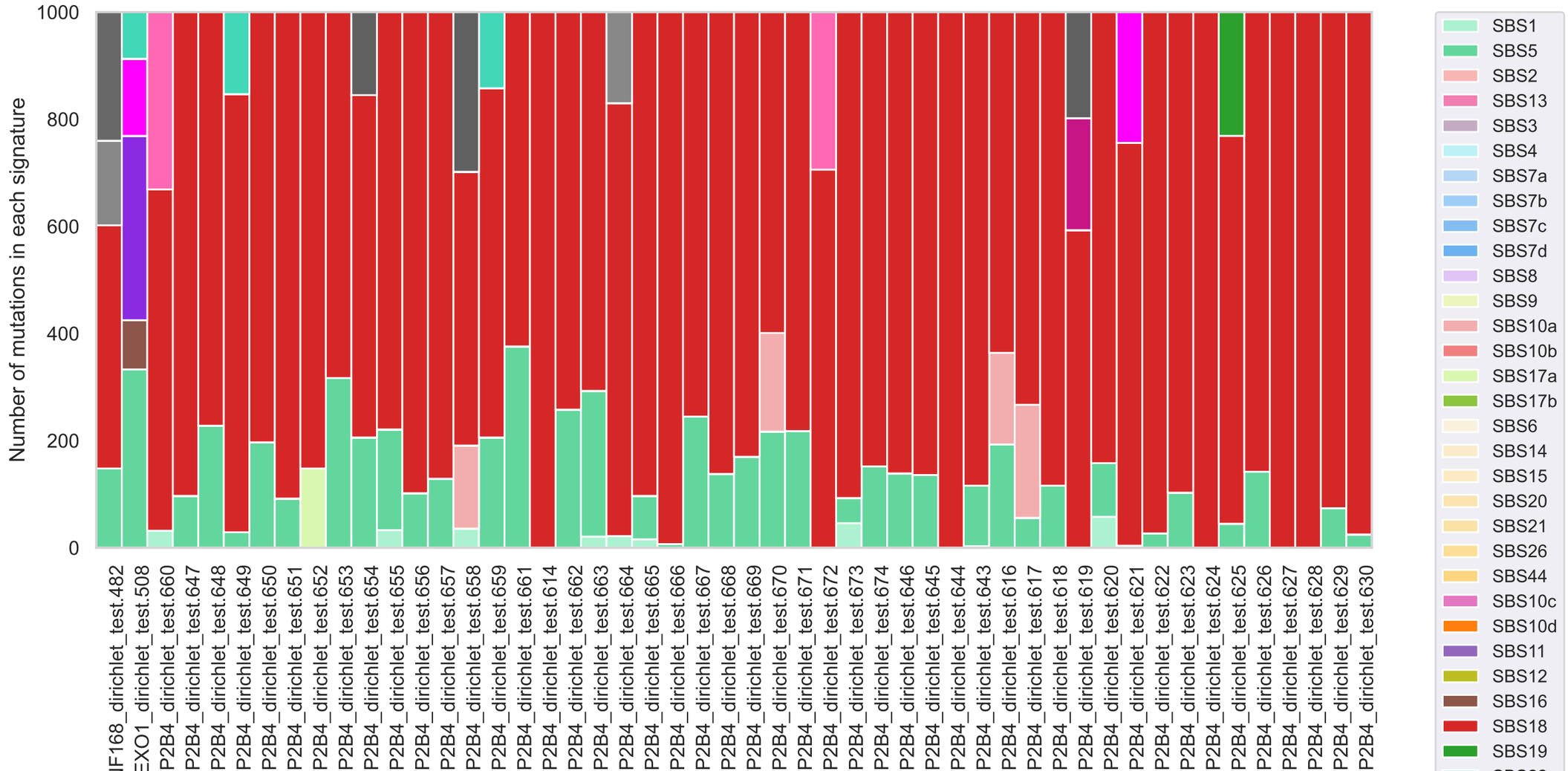
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P2B4_dirichlet_test.630
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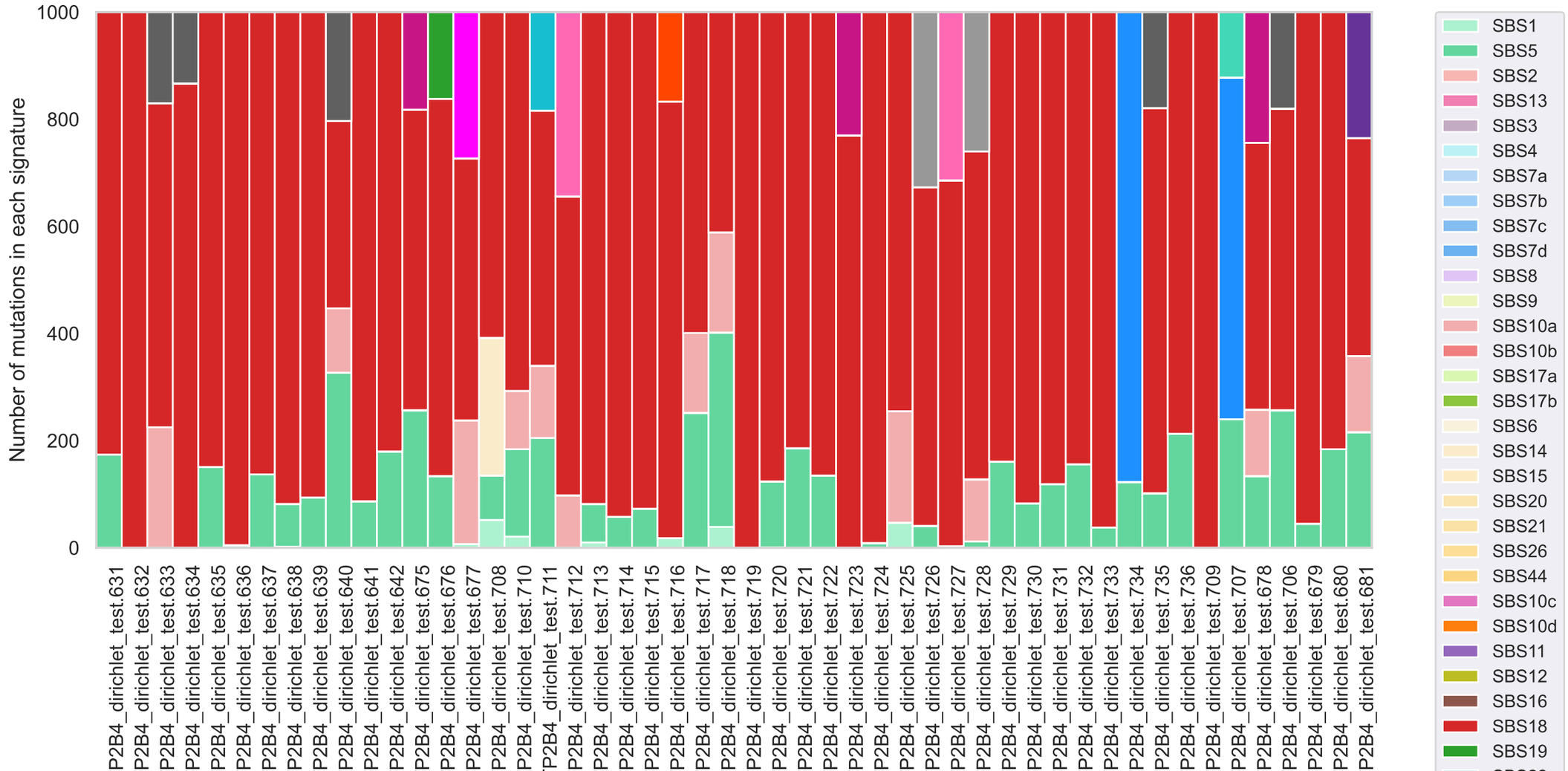
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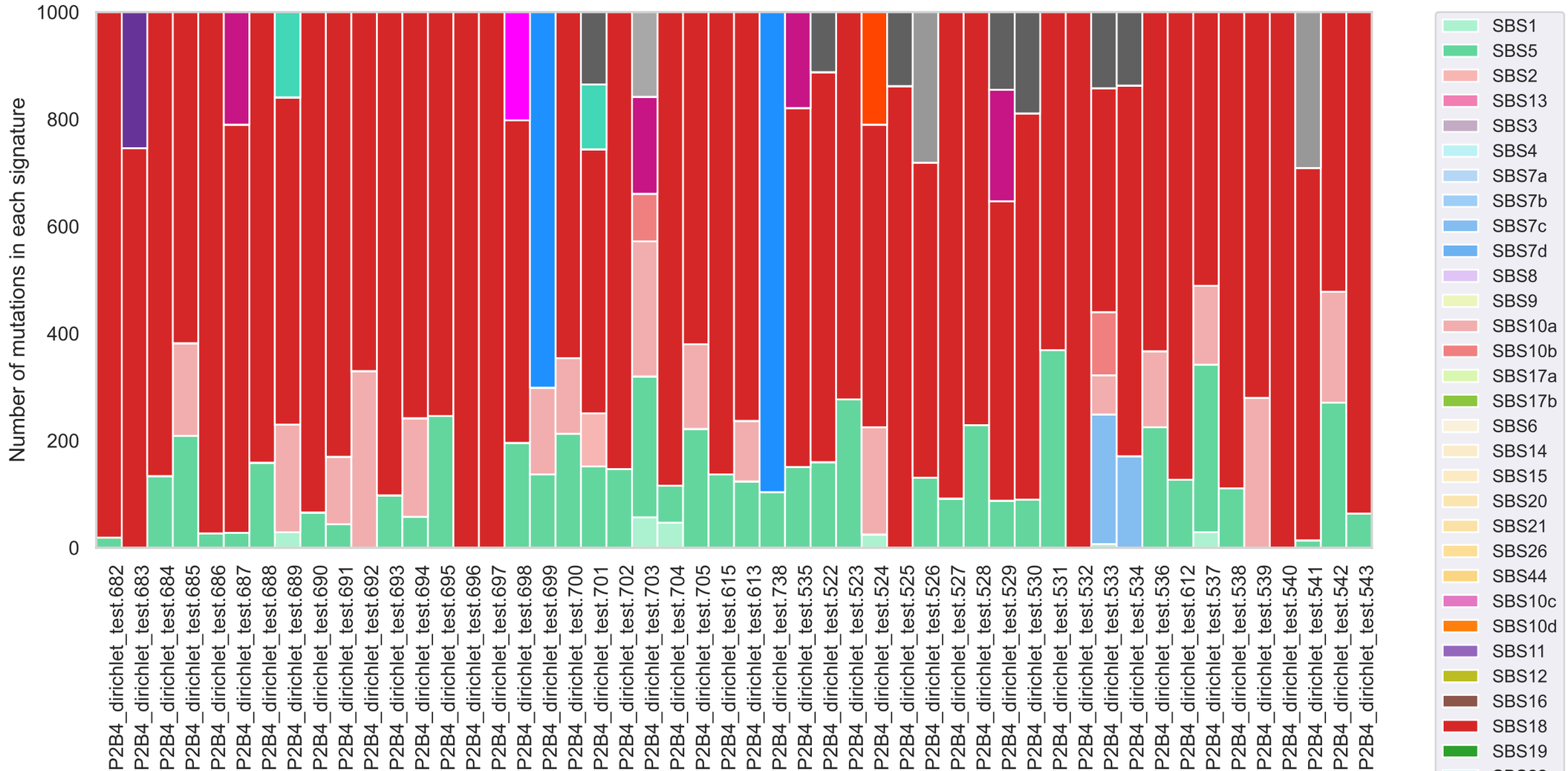
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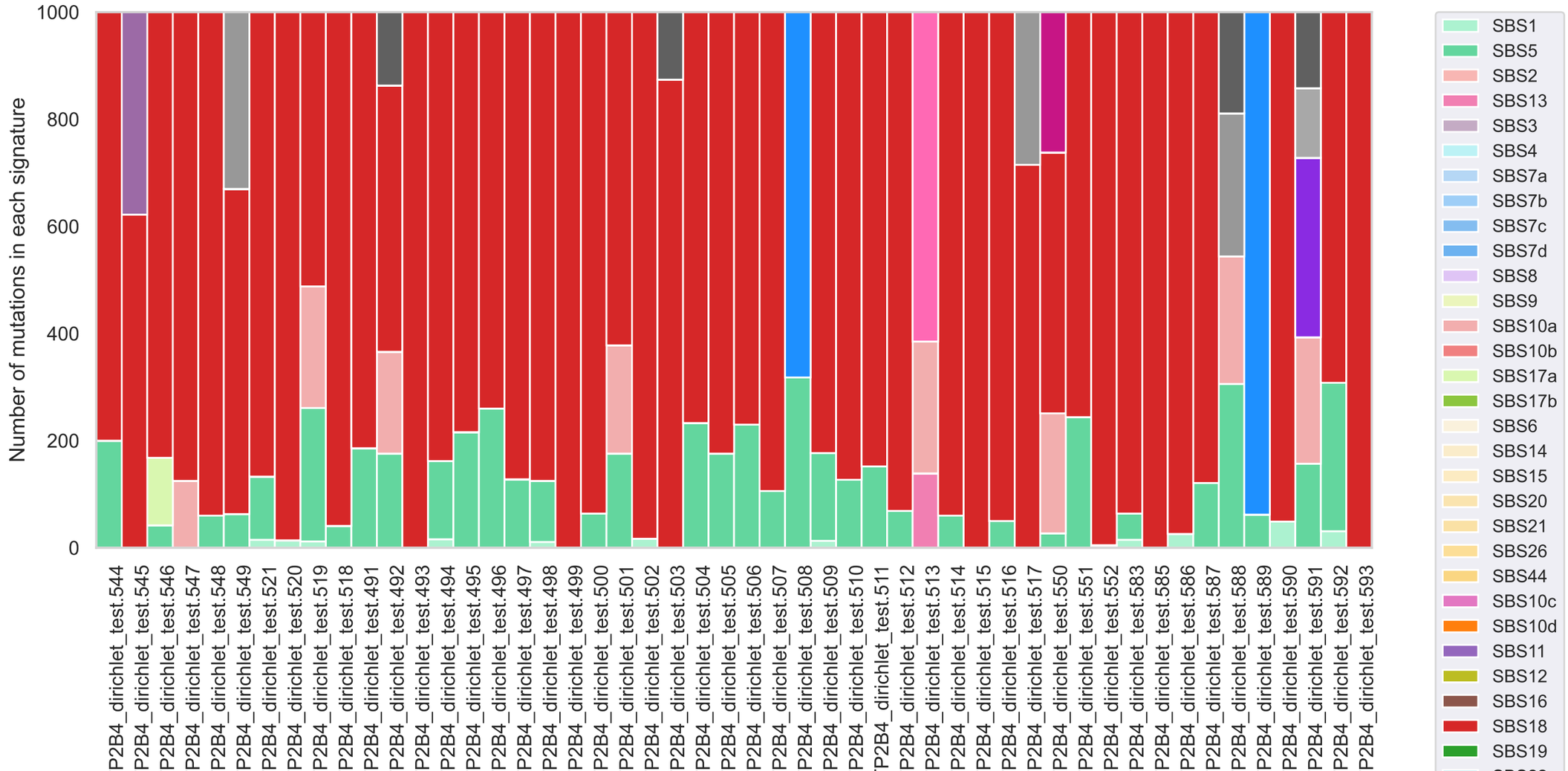
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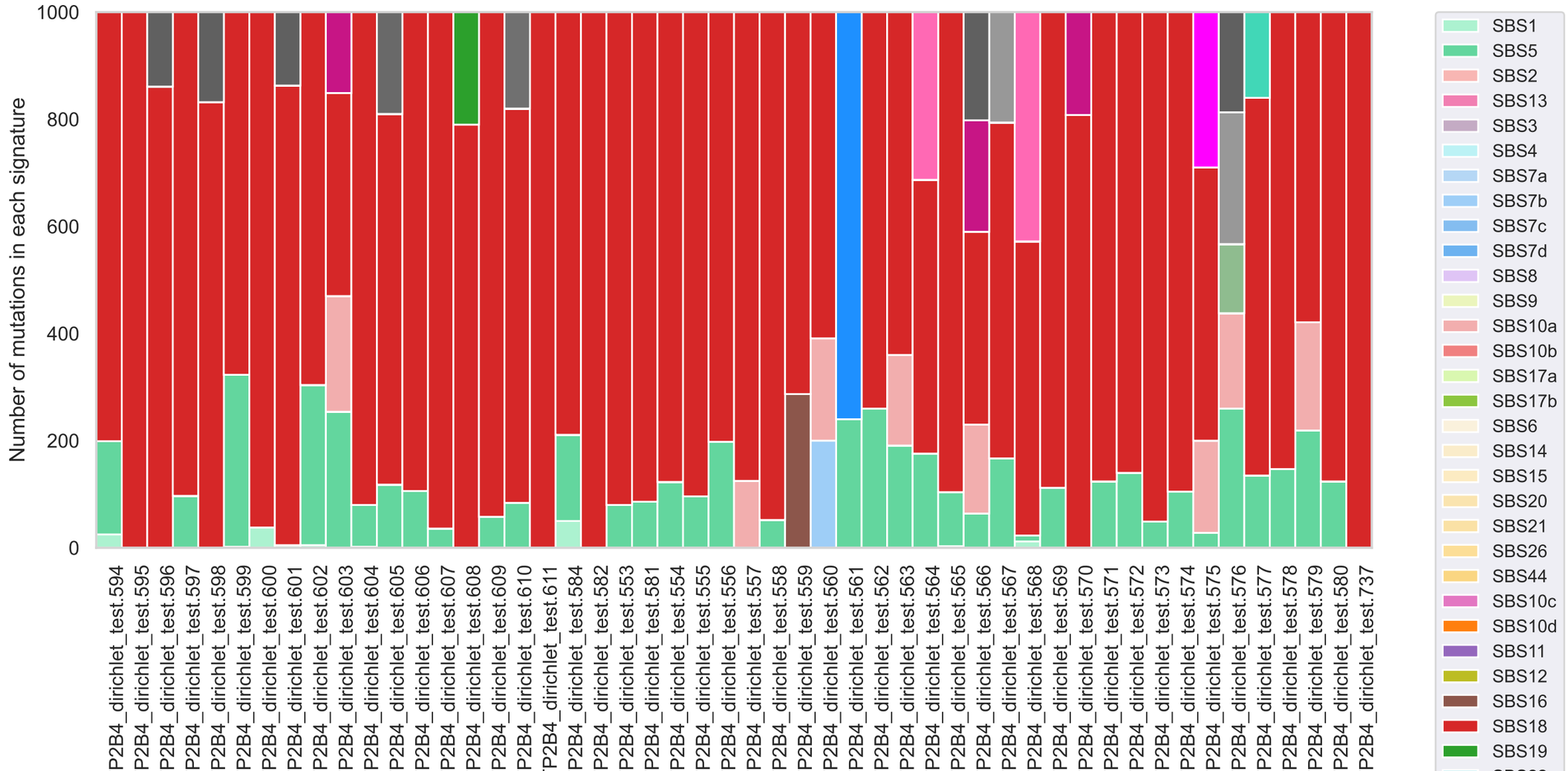
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P2B4_dirichlet_test.737
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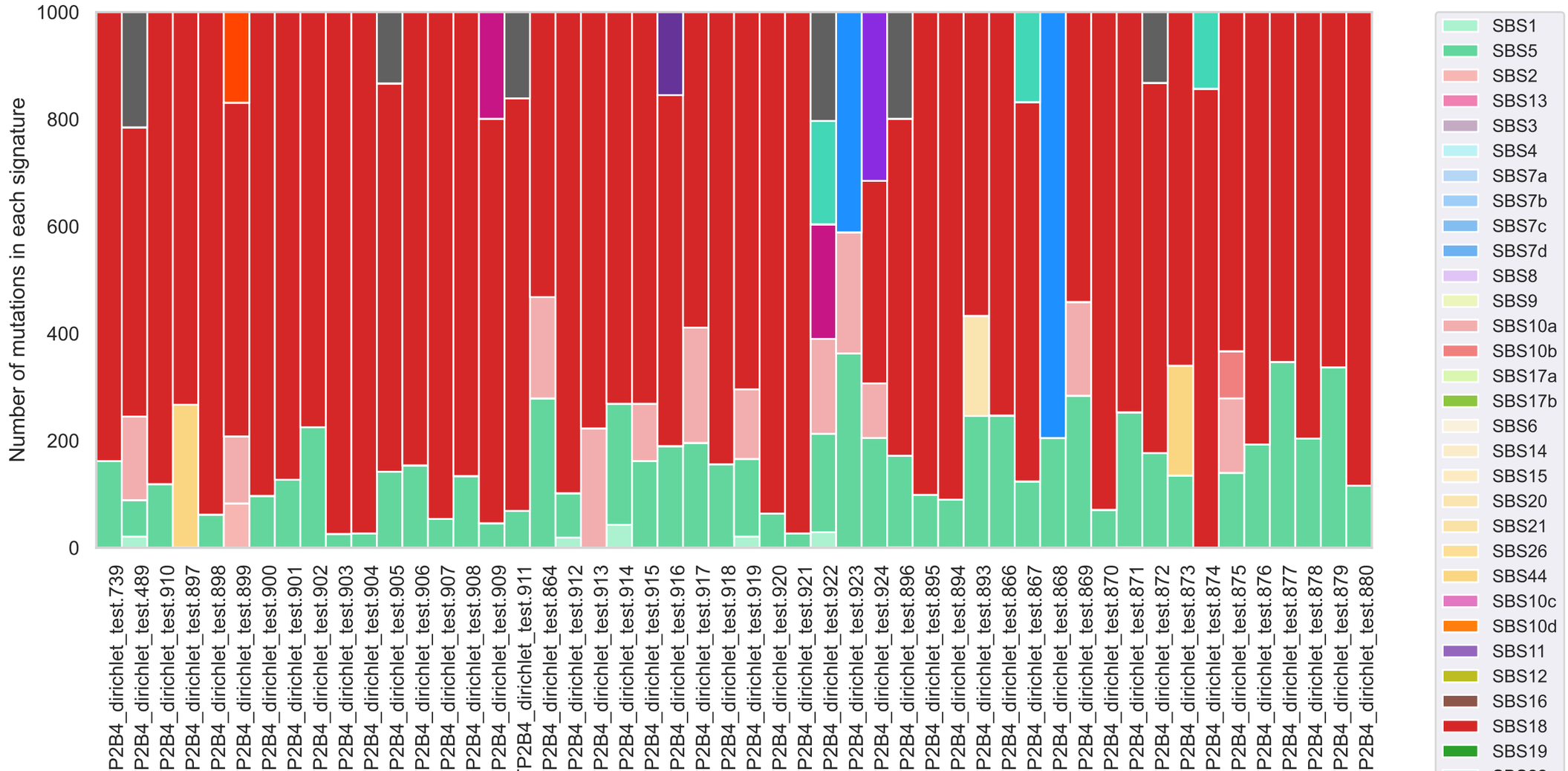
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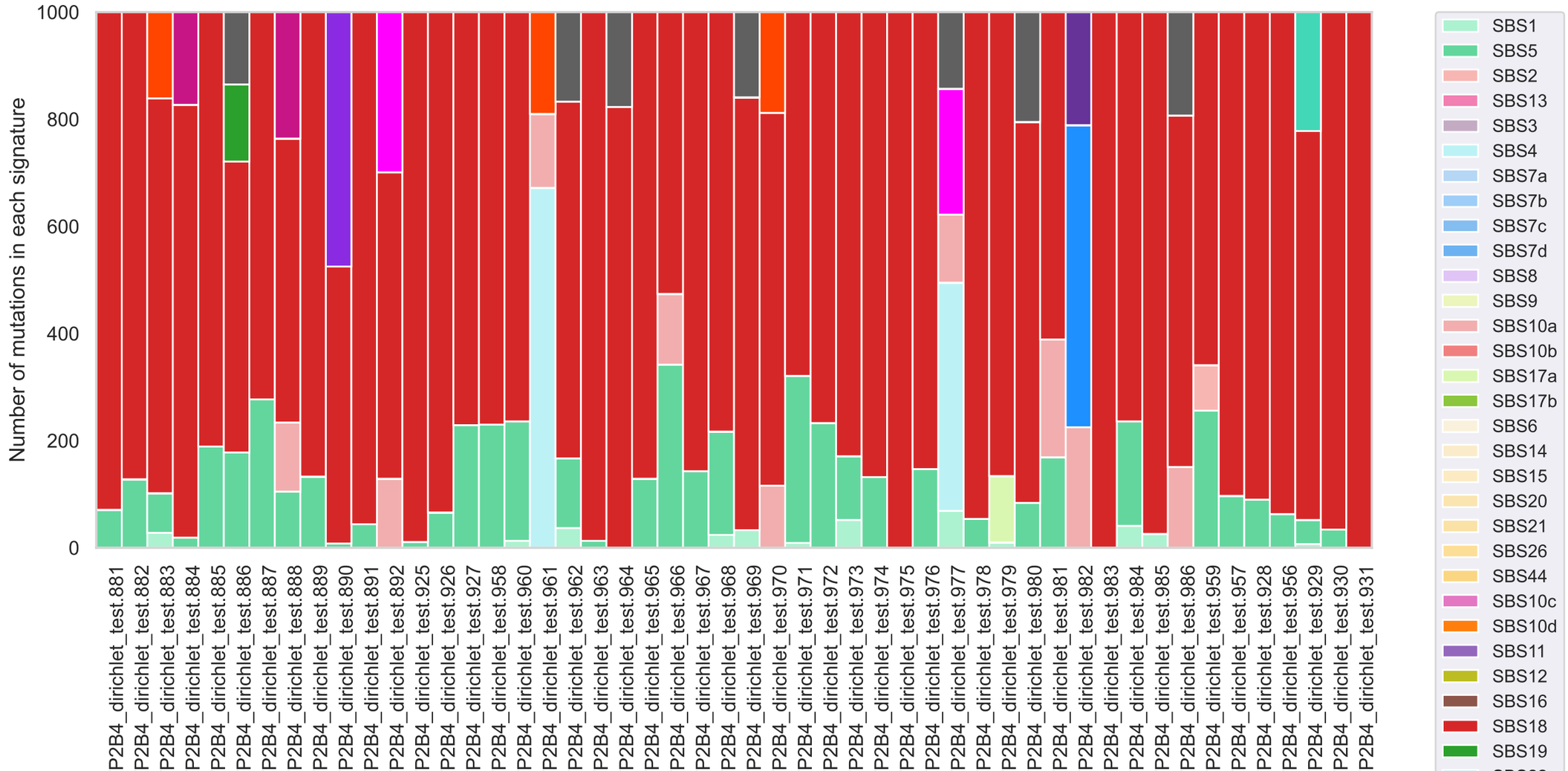
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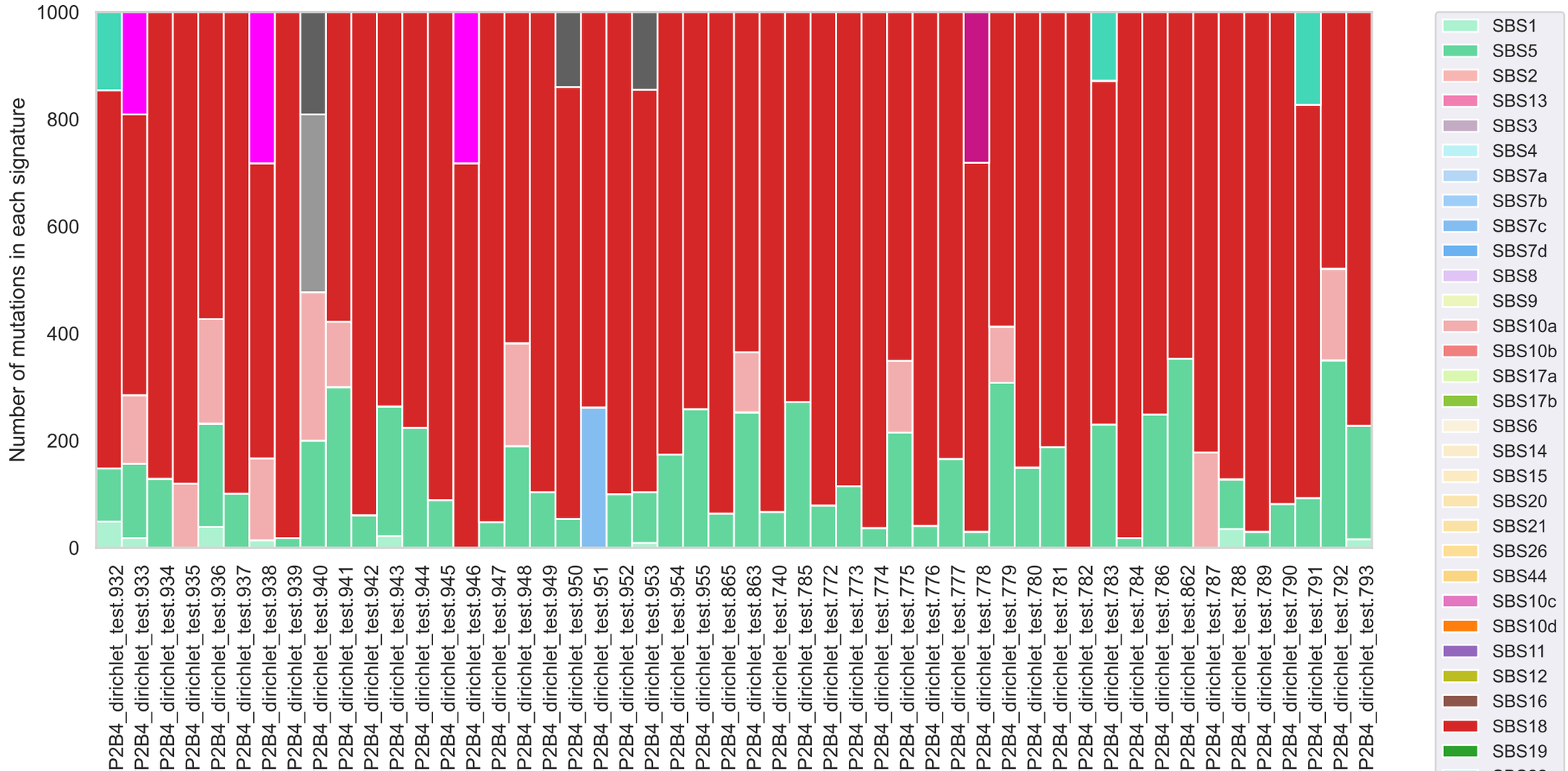
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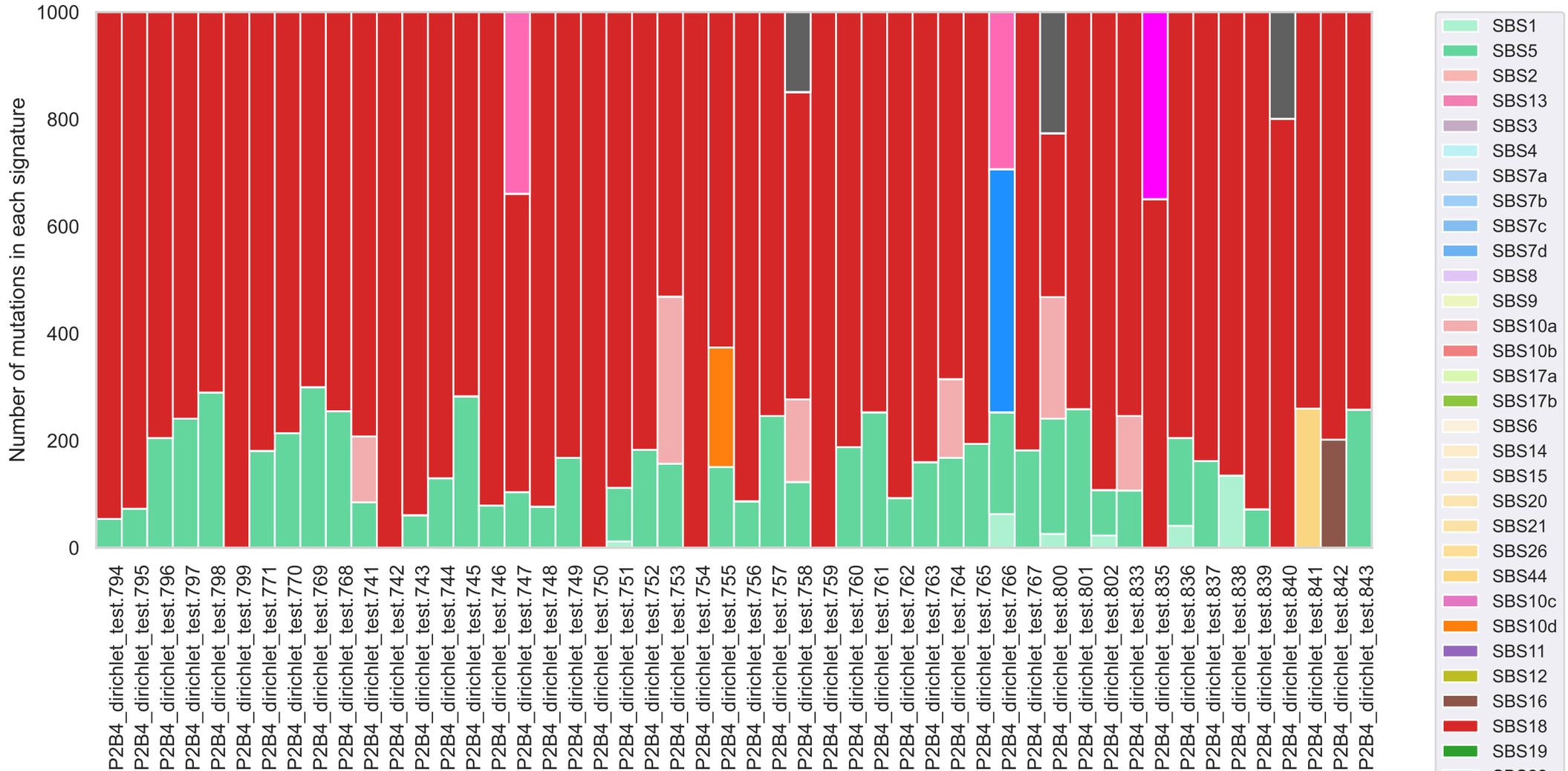
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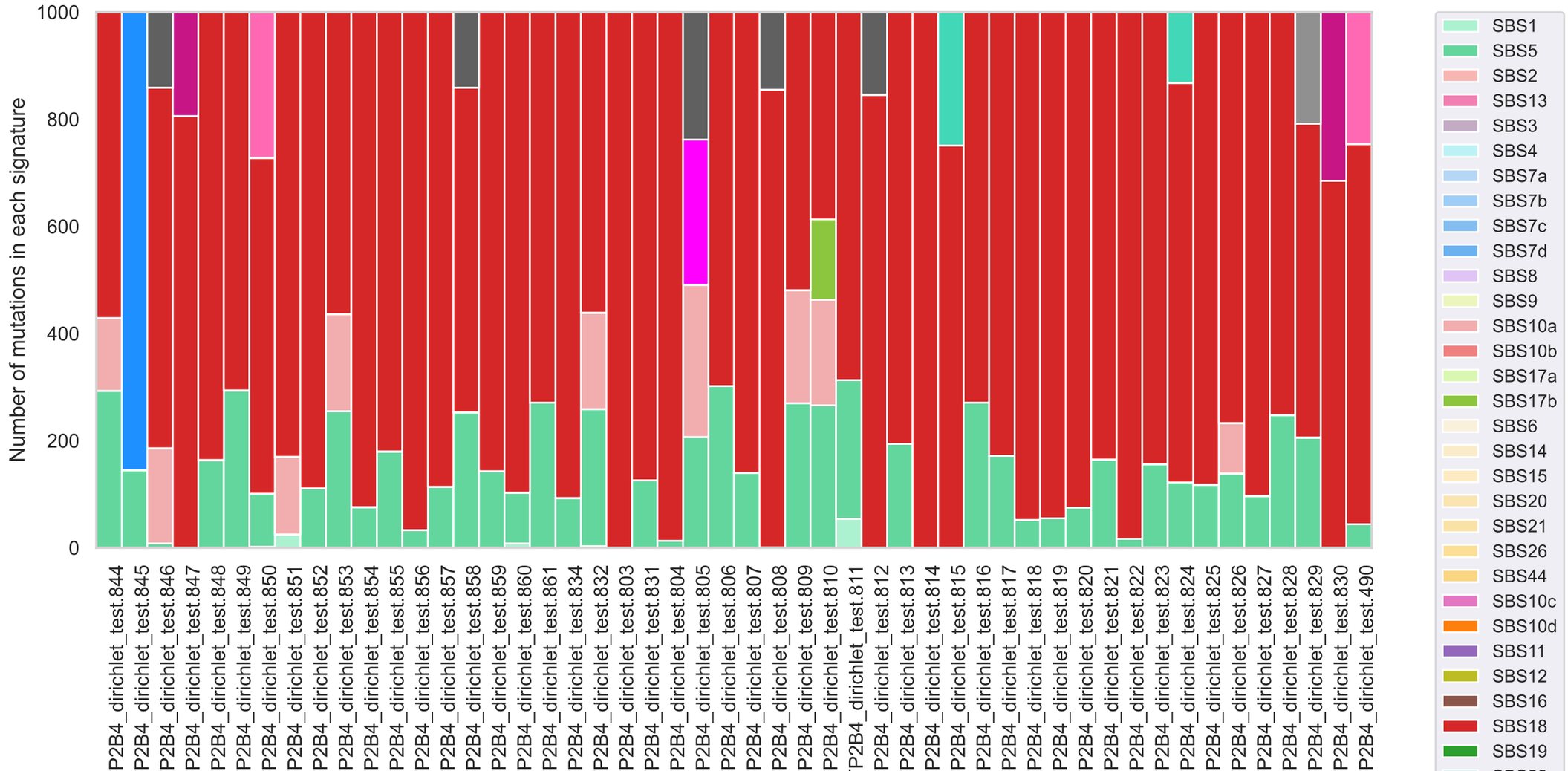
Number of mutations in each signature
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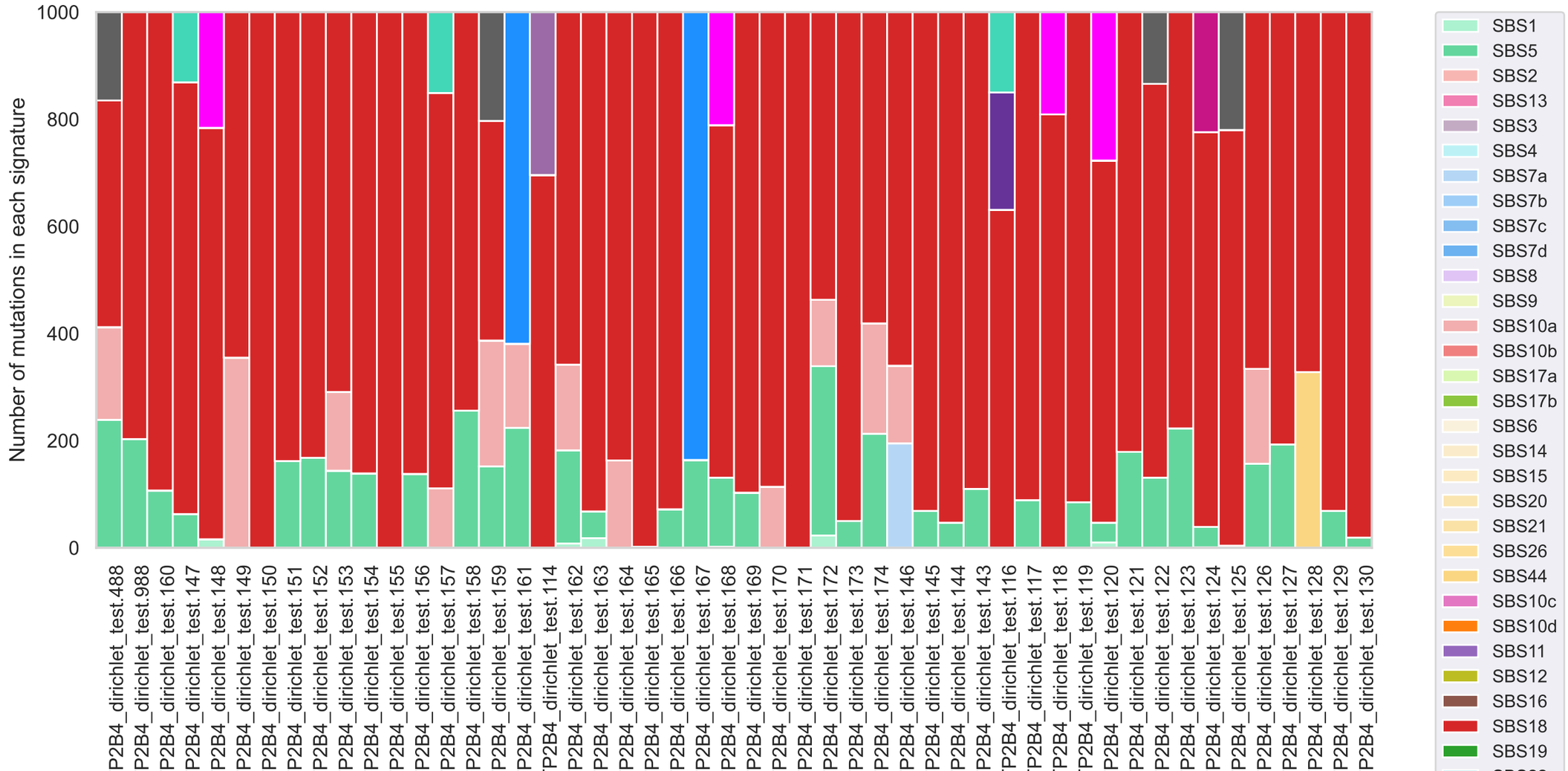
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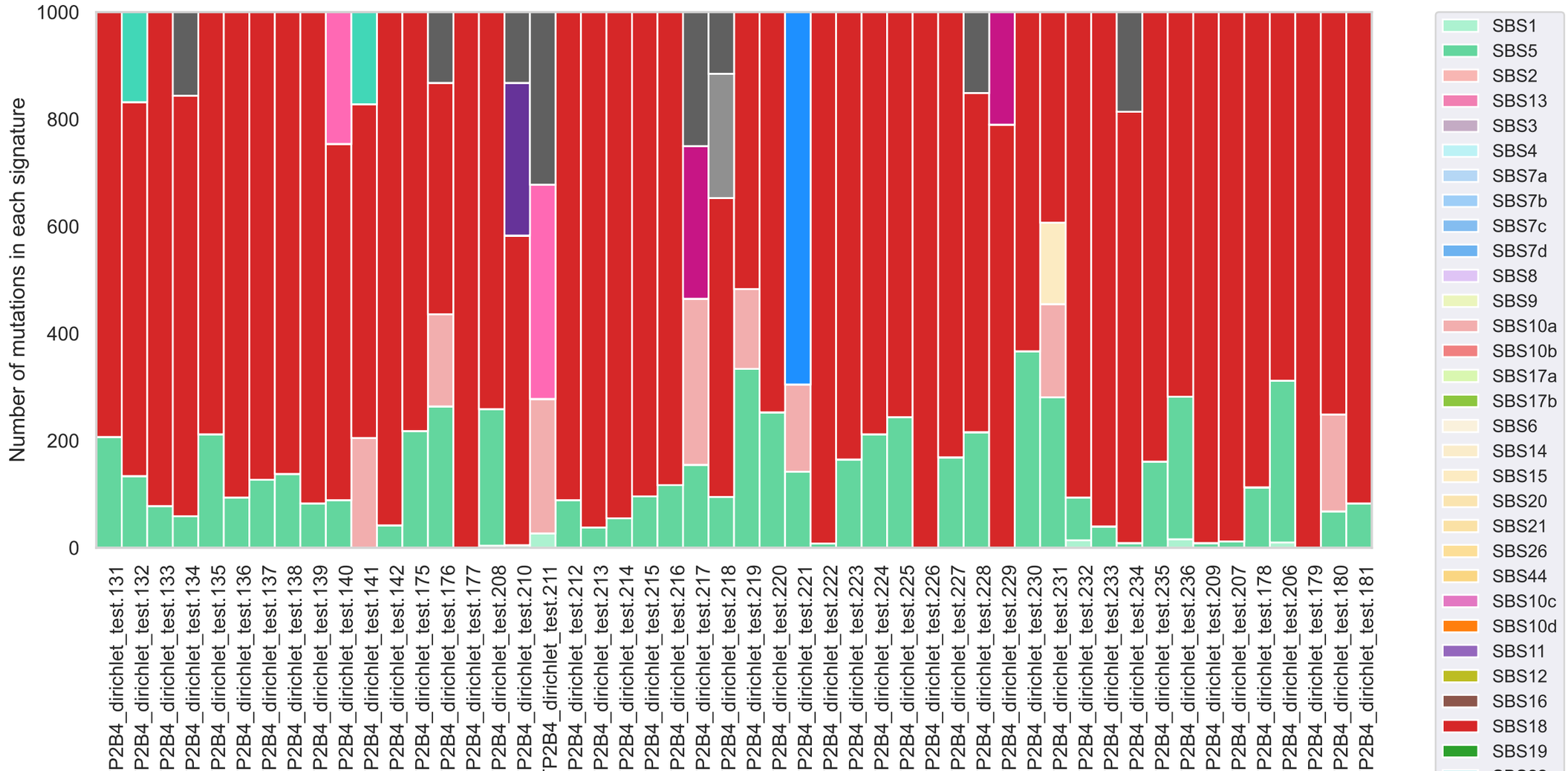
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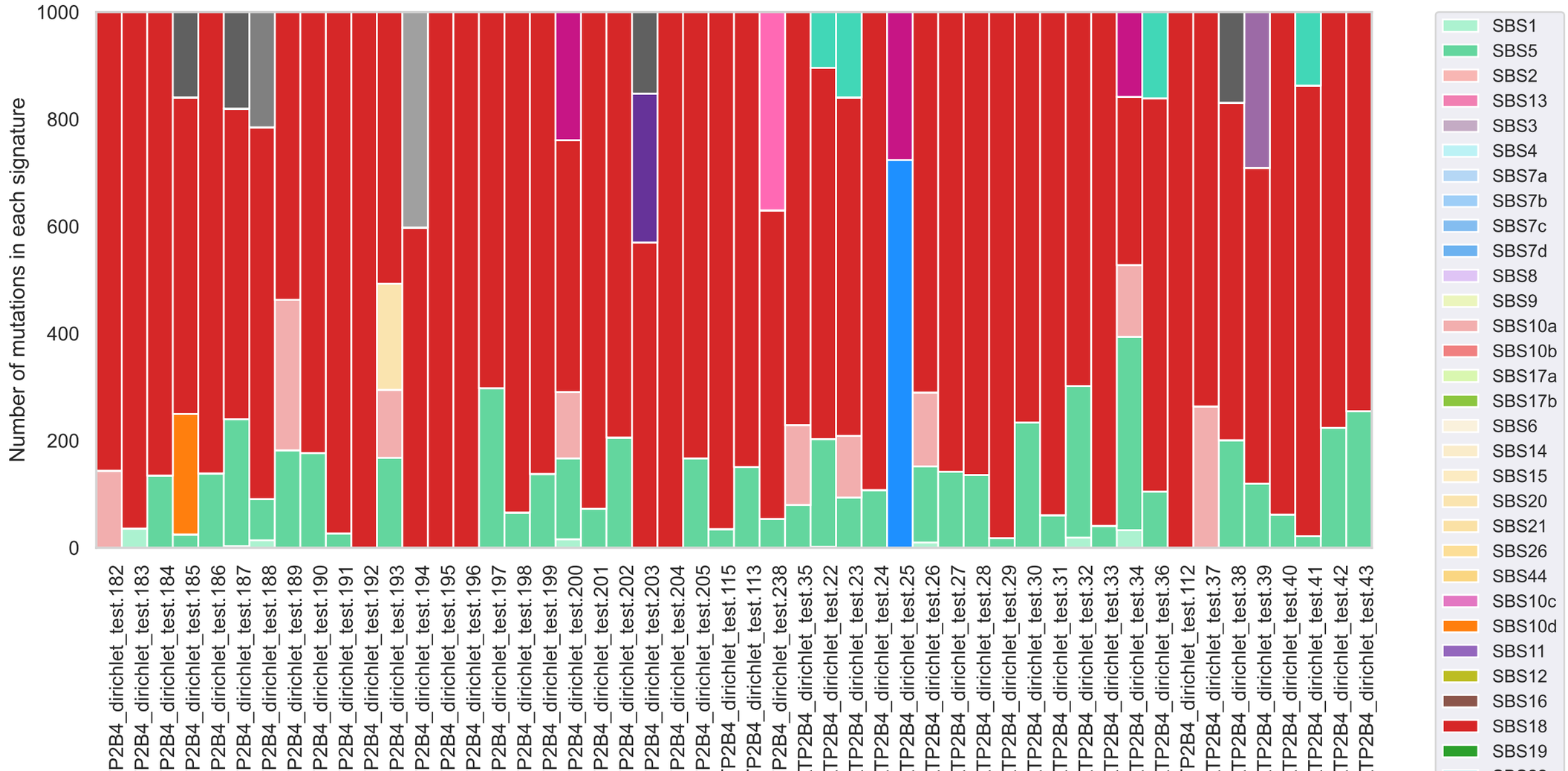
Number of mutations in each signature
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TP2B4_dirichlet_test.27
TP2B4_dirichlet_test.28
TP2B4_dirichlet_test.29
TP2B4_dirichlet_test.30
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TP2B4_dirichlet_test.36
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TP2B4_dirichlet_test.38
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TP2B4_dirichlet_test.42
TP2B4_dirichlet_test.43
SBS1
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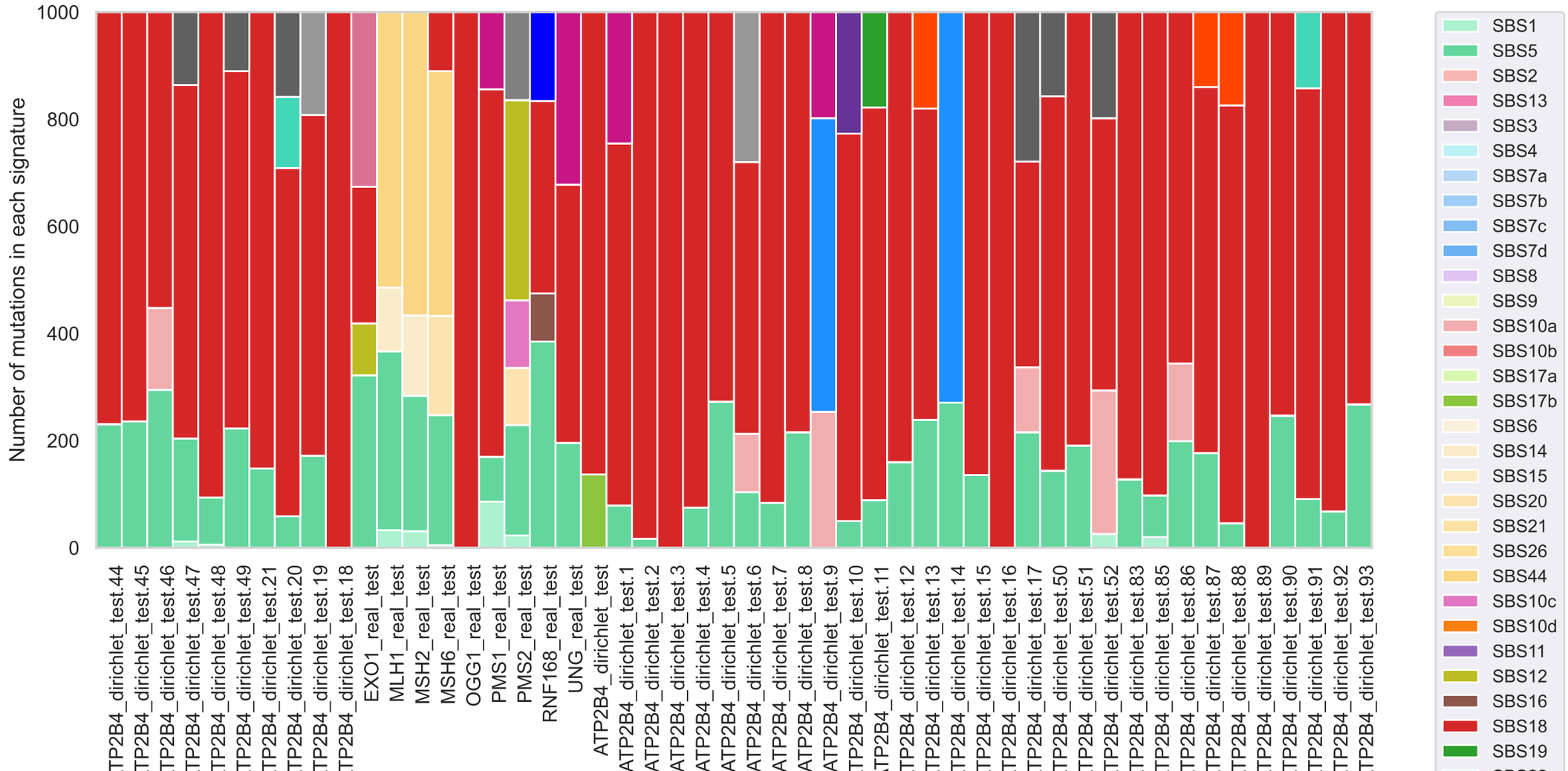
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ATP2B4_dirichlet_test.49
ATP2B4_dirichlet_test.21
ATP2B4_dirichlet_test.20
ATP2B4_dirichlet_test.19
ATP2B4_dirichlet_test.18
EXO1_real_test
MLH1_real_test
MSH2_real_test
MSH6_real_test
OGG1_real_test
PMS1_real_test
PMS2_real_test
RNF168_real_test
UNG_real_test
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ATP2B4_dirichlet_test.11
ATP2B4_dirichlet_test.12
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ATP2B4_dirichlet_test.14
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ATP2B4_dirichlet_test.17
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ATP2B4_dirichlet_test.83
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ATP2B4_dirichlet_test.86
ATP2B4_dirichlet_test.87
ATP2B4_dirichlet_test.88
ATP2B4_dirichlet_test.89
ATP2B4_dirichlet_test.90
ATP2B4_dirichlet_test.91
ATP2B4_dirichlet_test.92
ATP2B4_dirichlet_test.93
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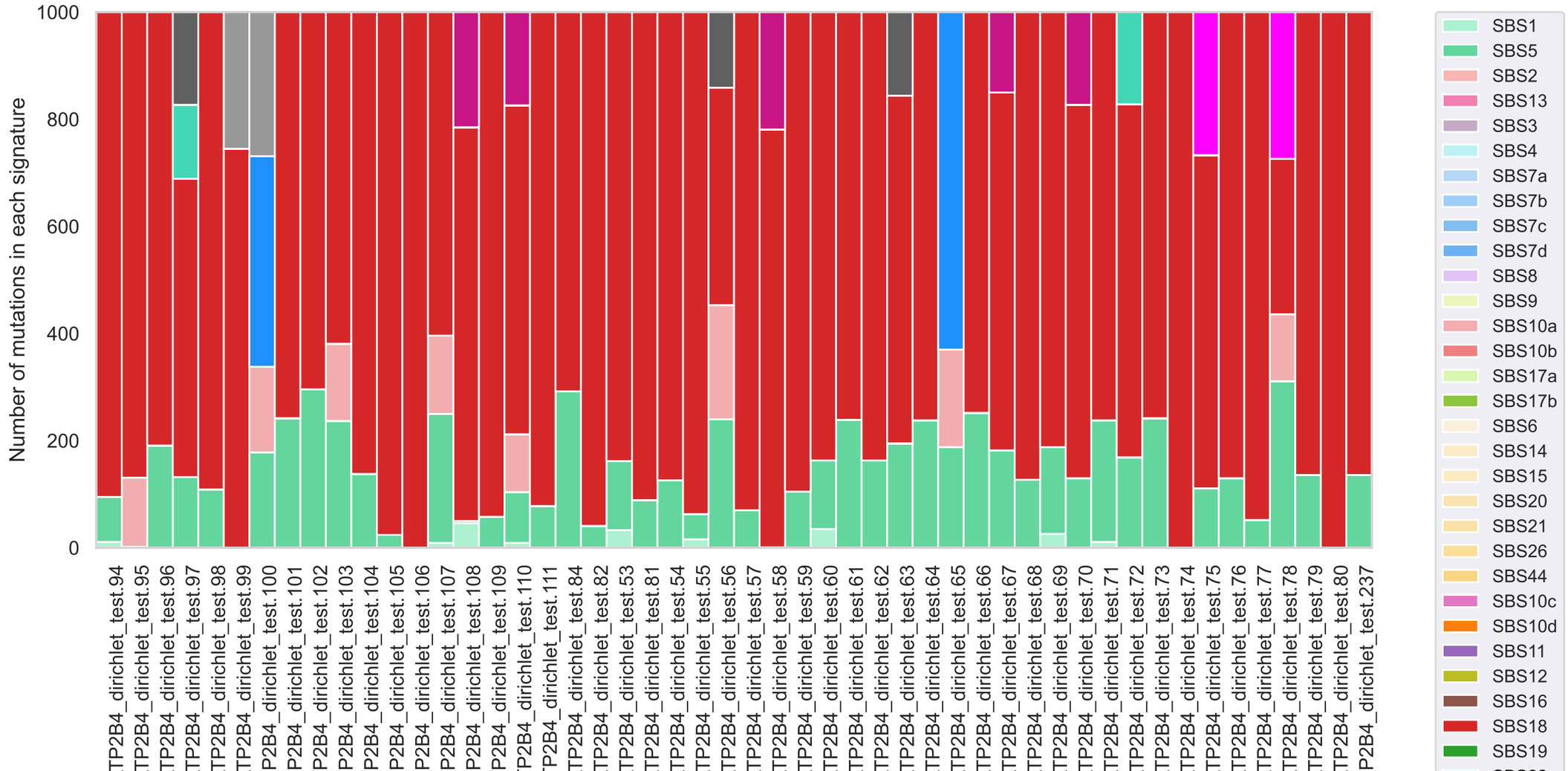
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TP2B4_dirichlet_test.79
TP2B4_dirichlet_test.80
P2B4_dirichlet_test.237
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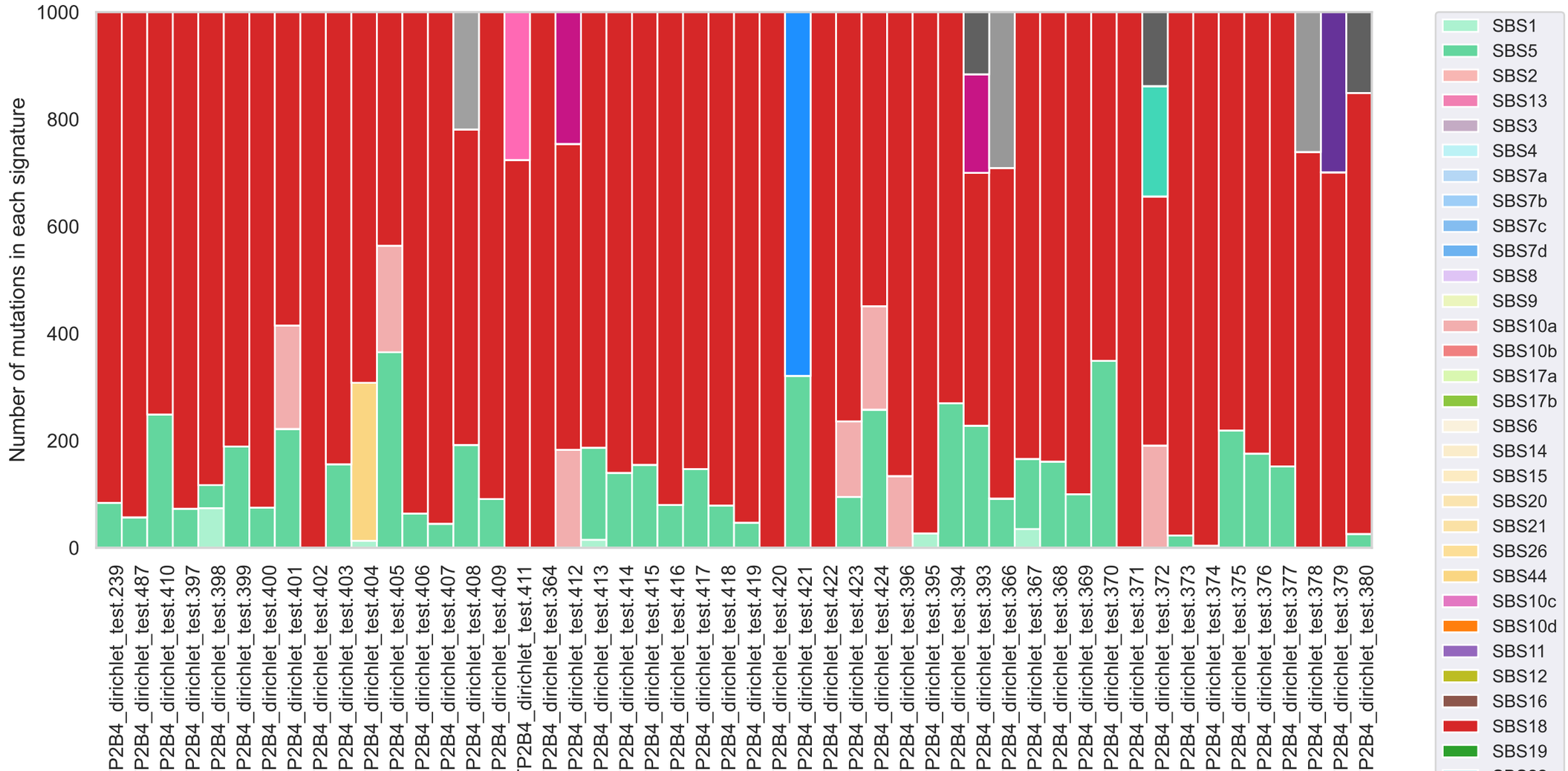
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P2B4_dirichlet_test.380
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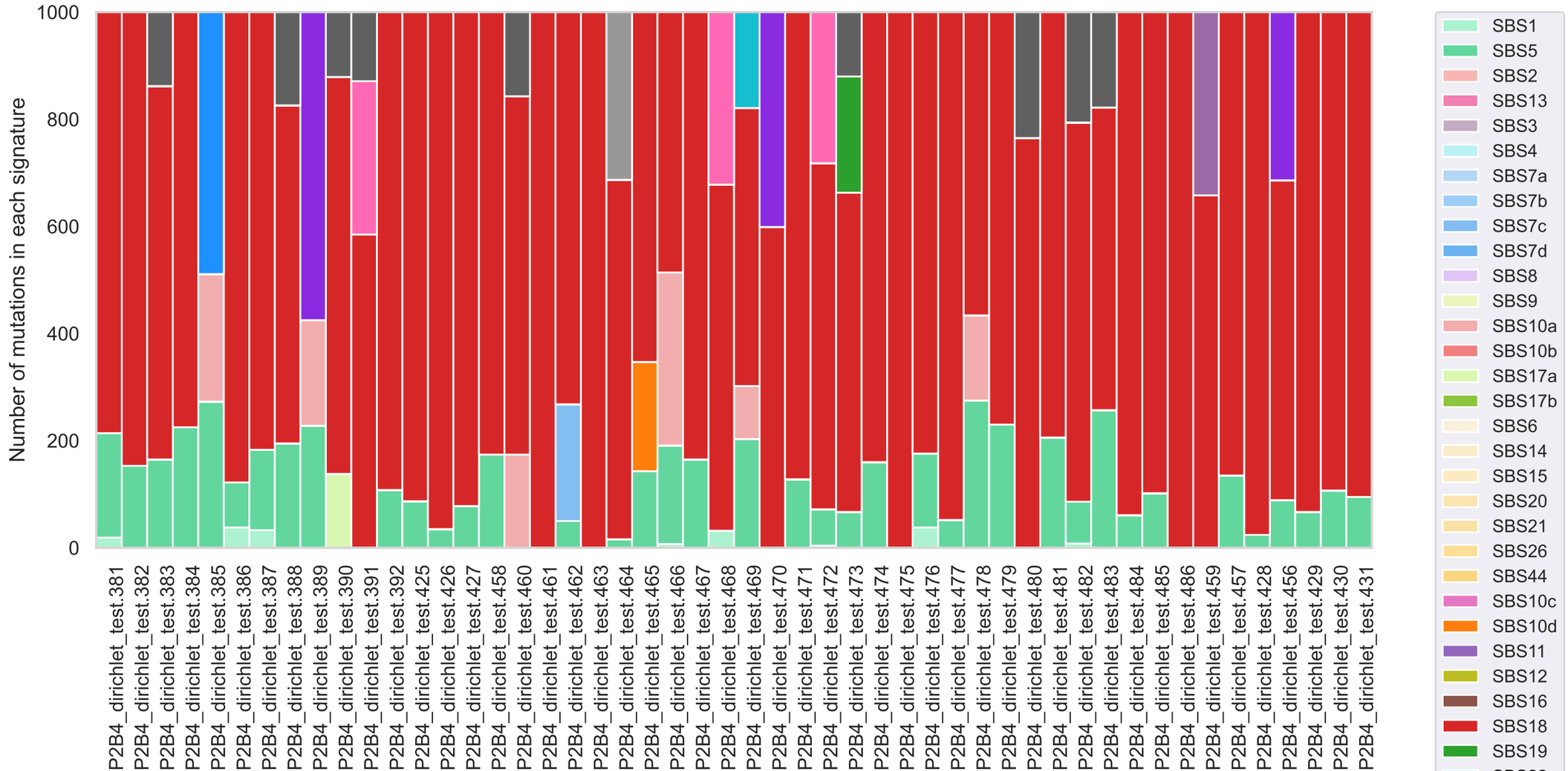
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P2B4_dirichlet_test.456
P2B4_dirichlet_test.429
P2B4_dirichlet_test.430
P2B4_dirichlet_test.431
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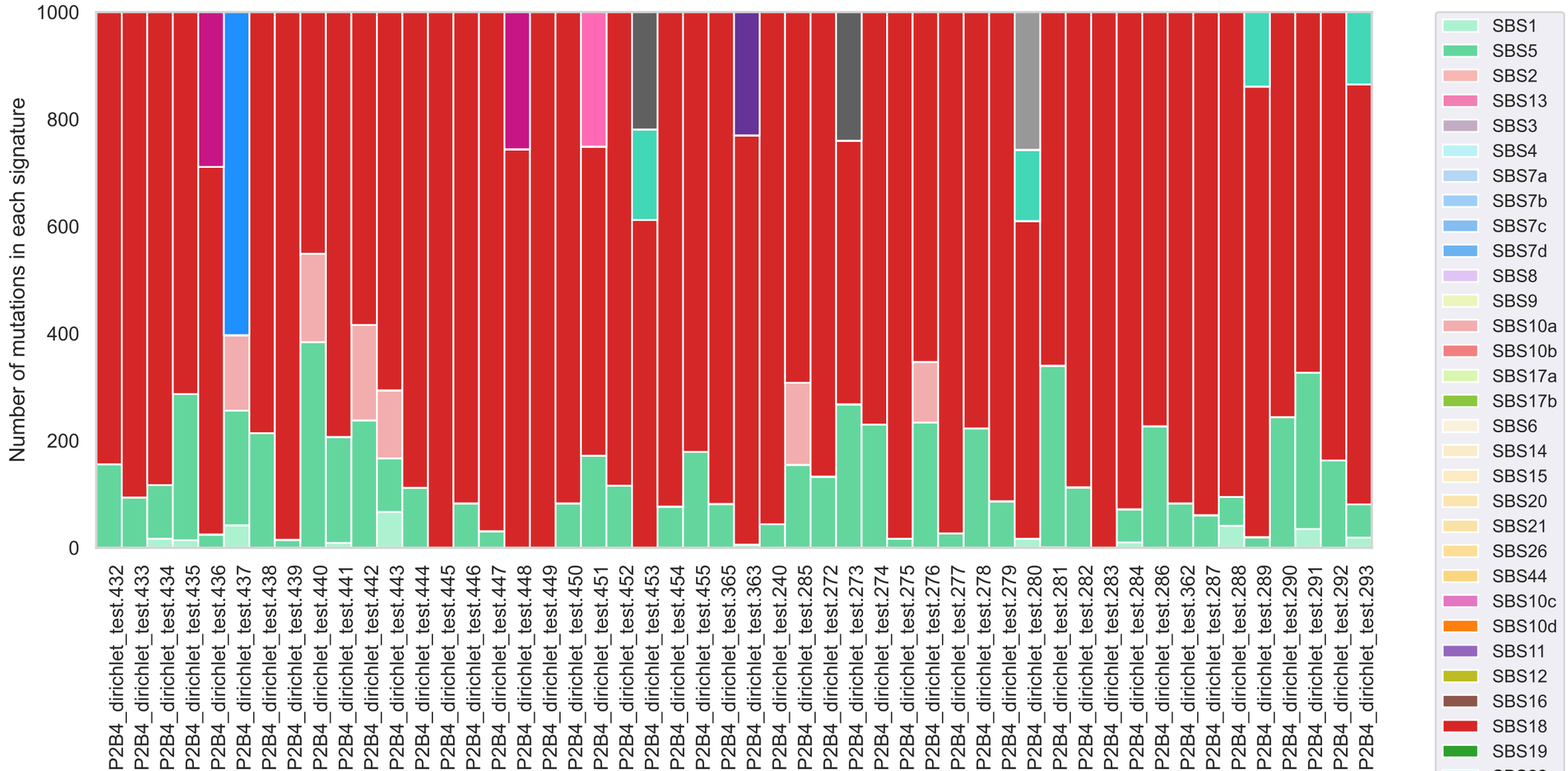
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P2B4_dirichlet_test.293
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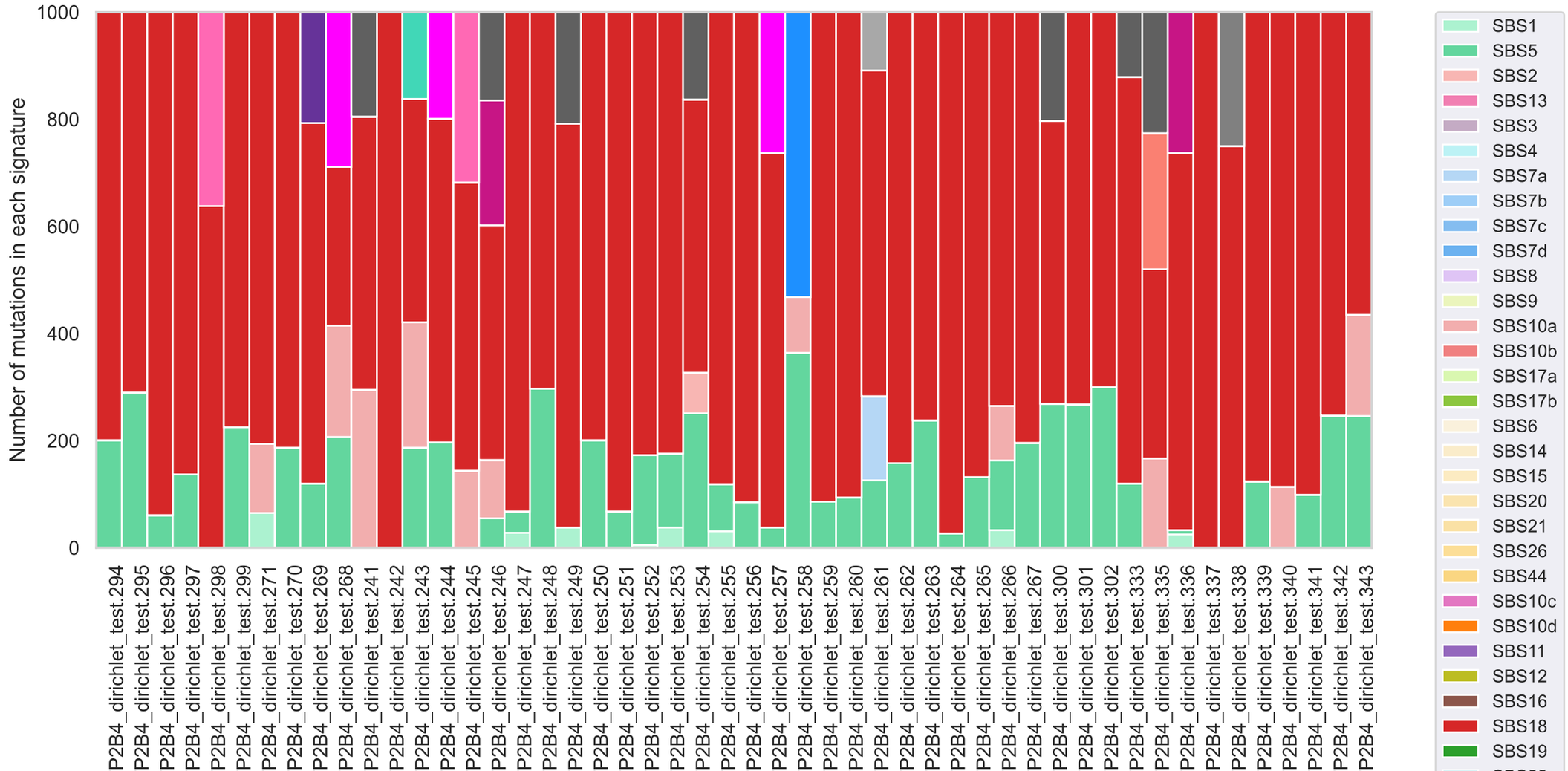
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P2B4_dirichlet_test.343
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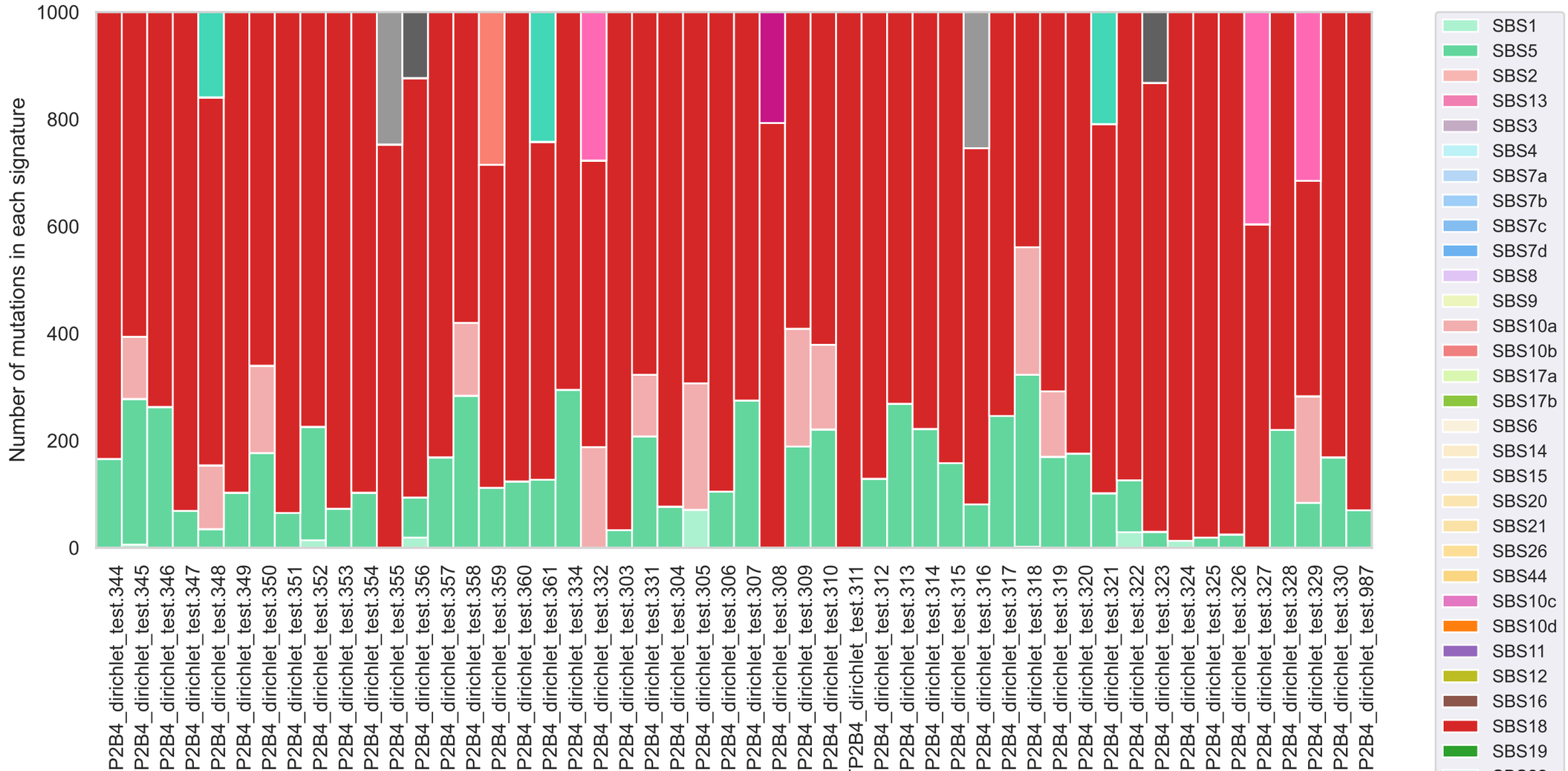
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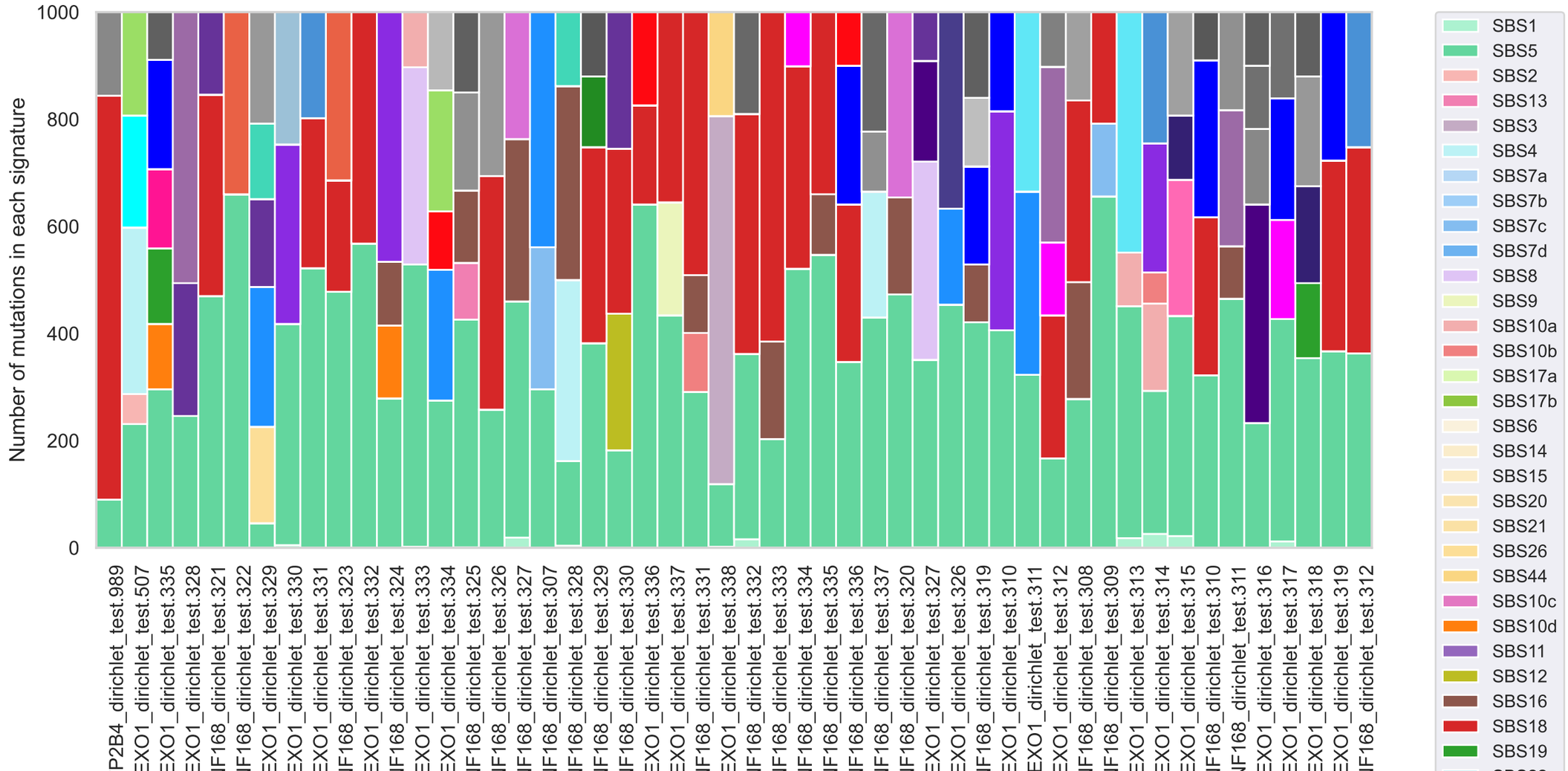
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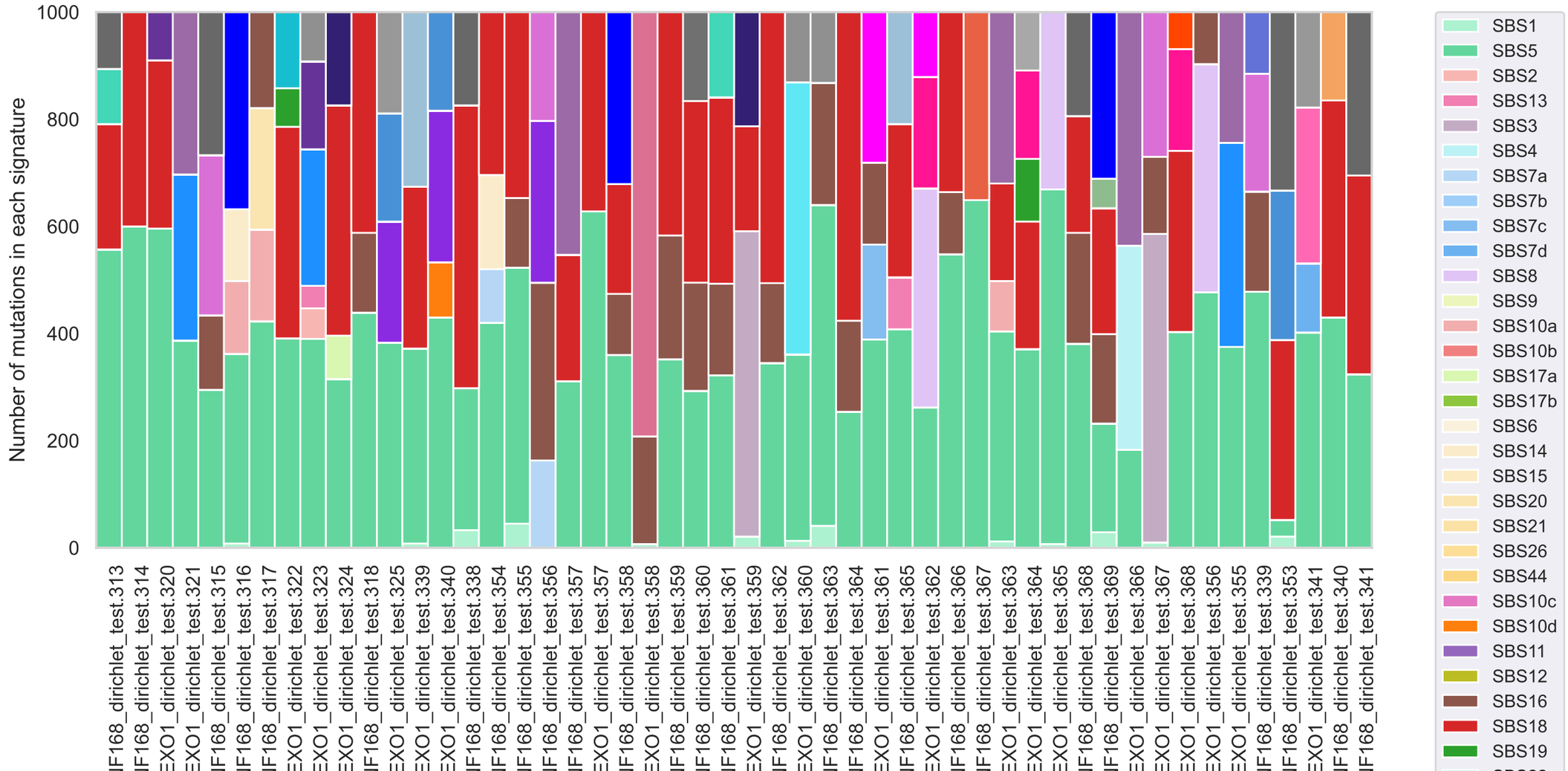
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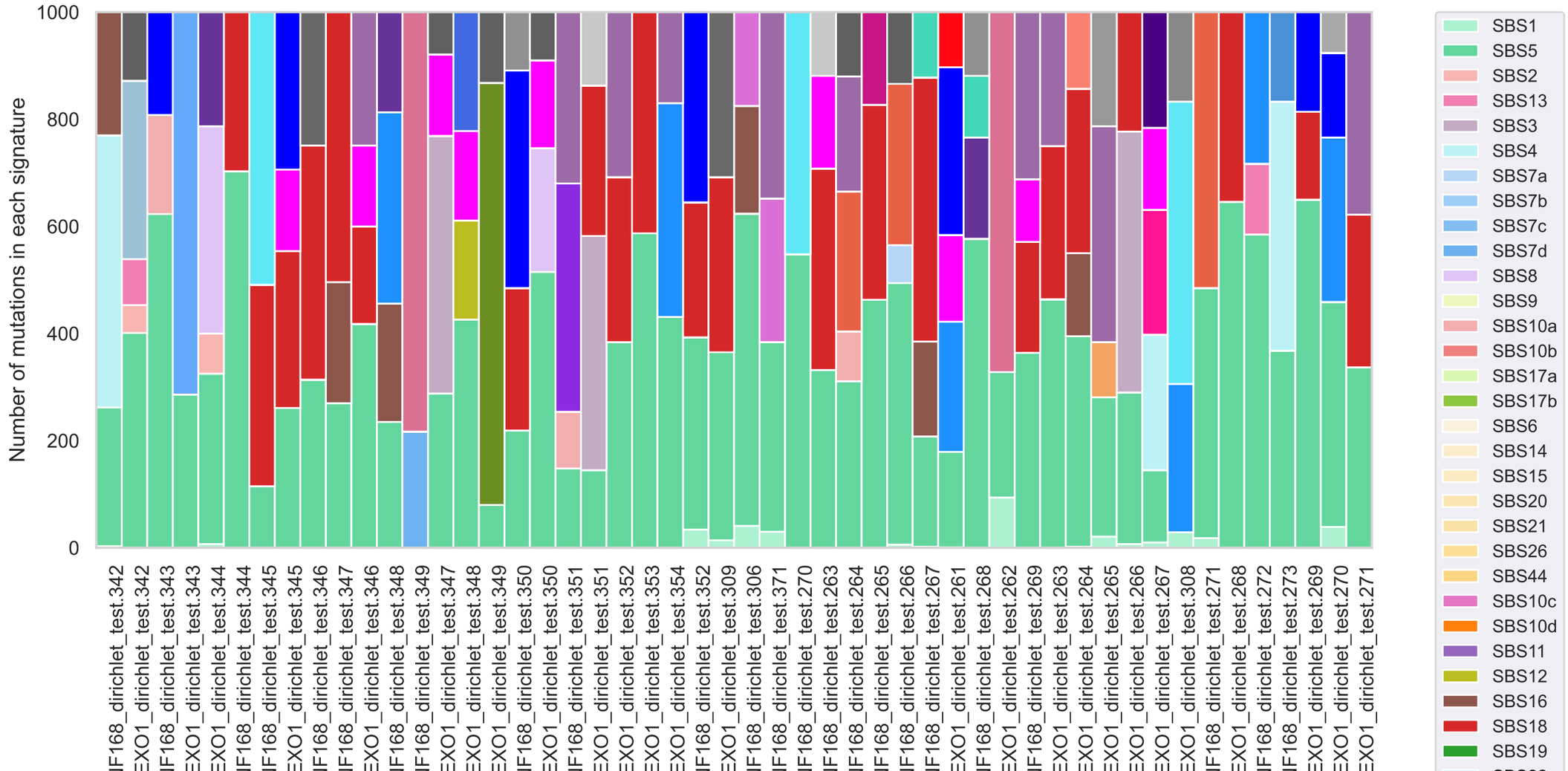
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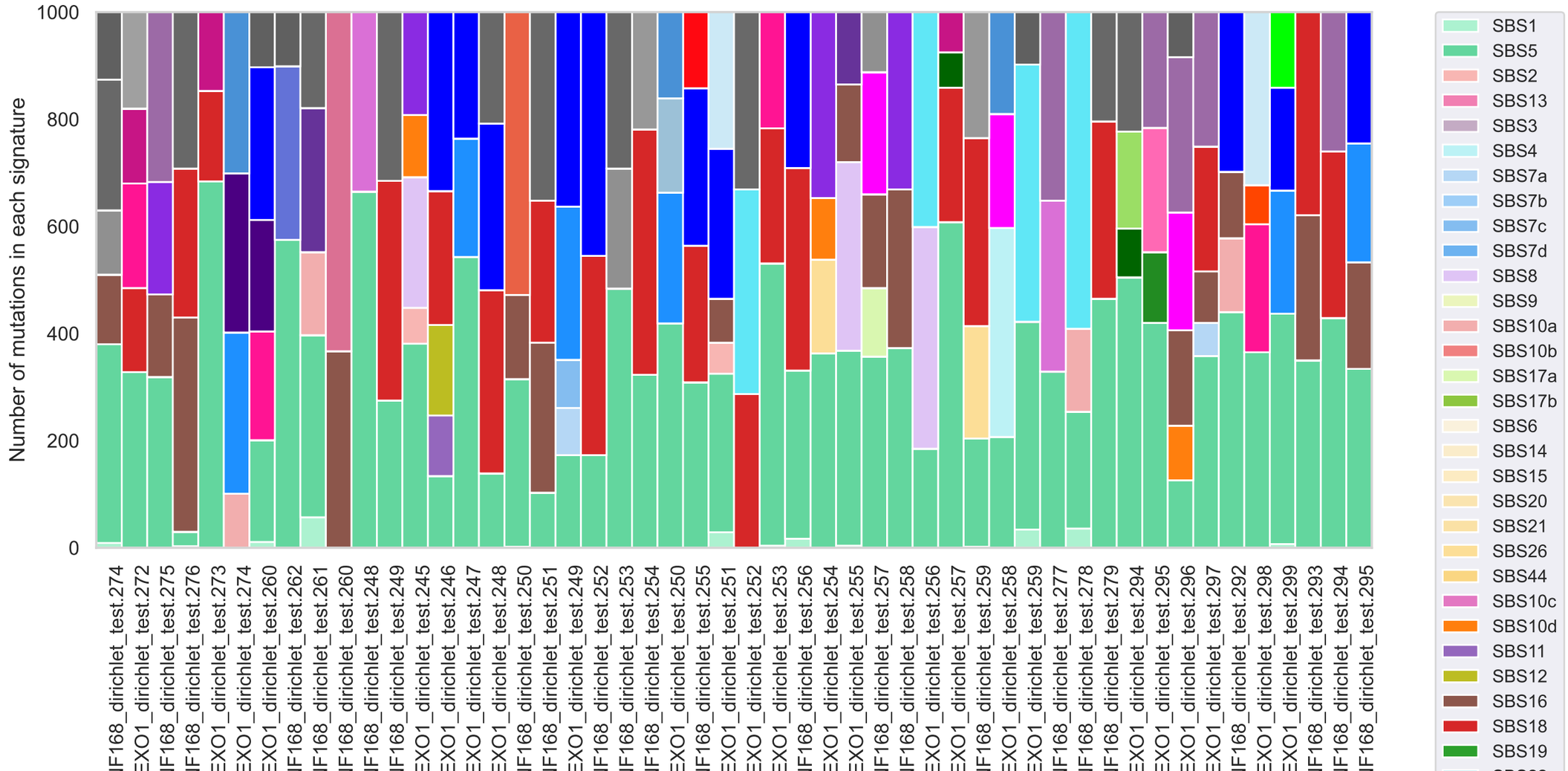
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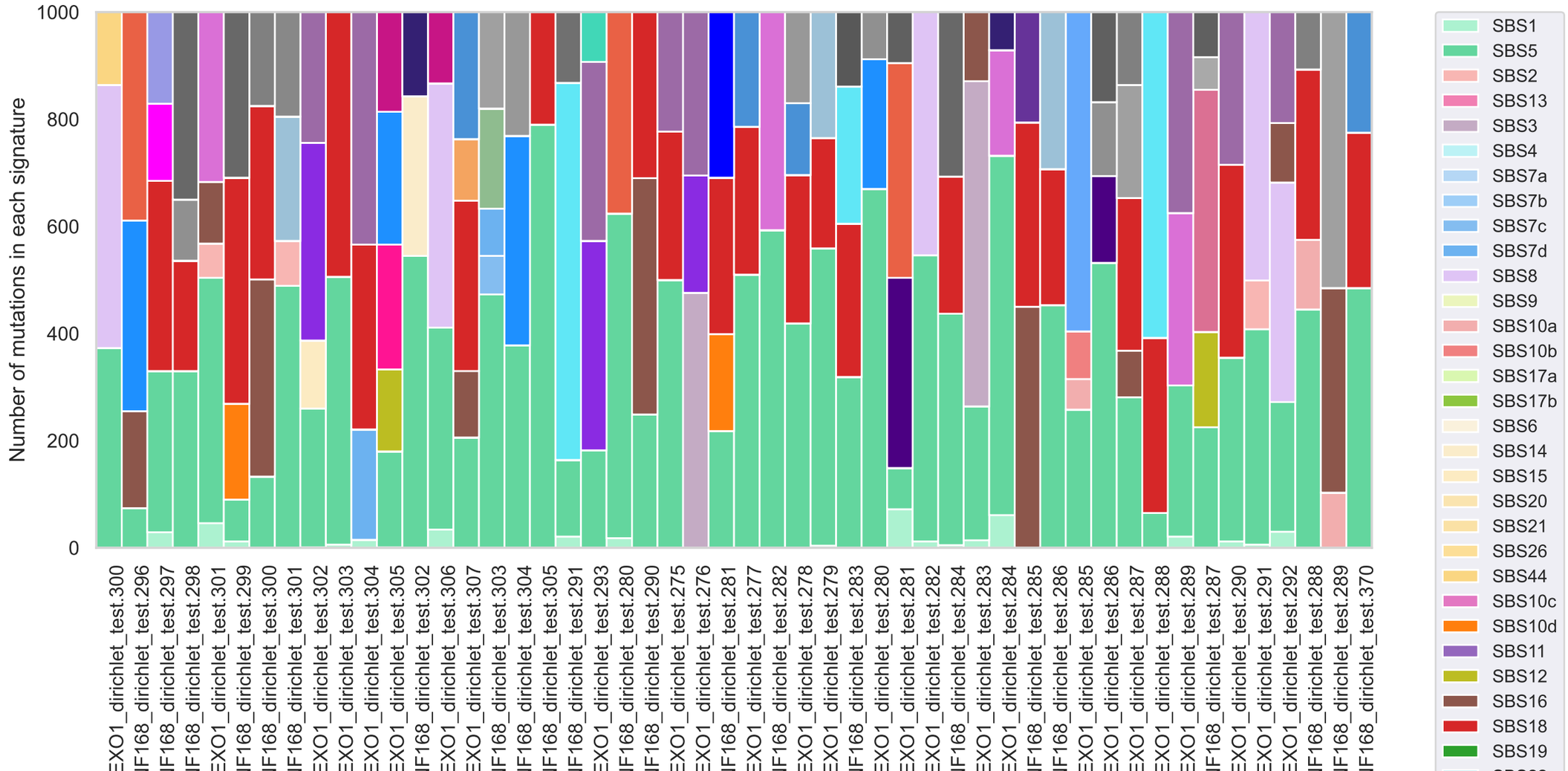
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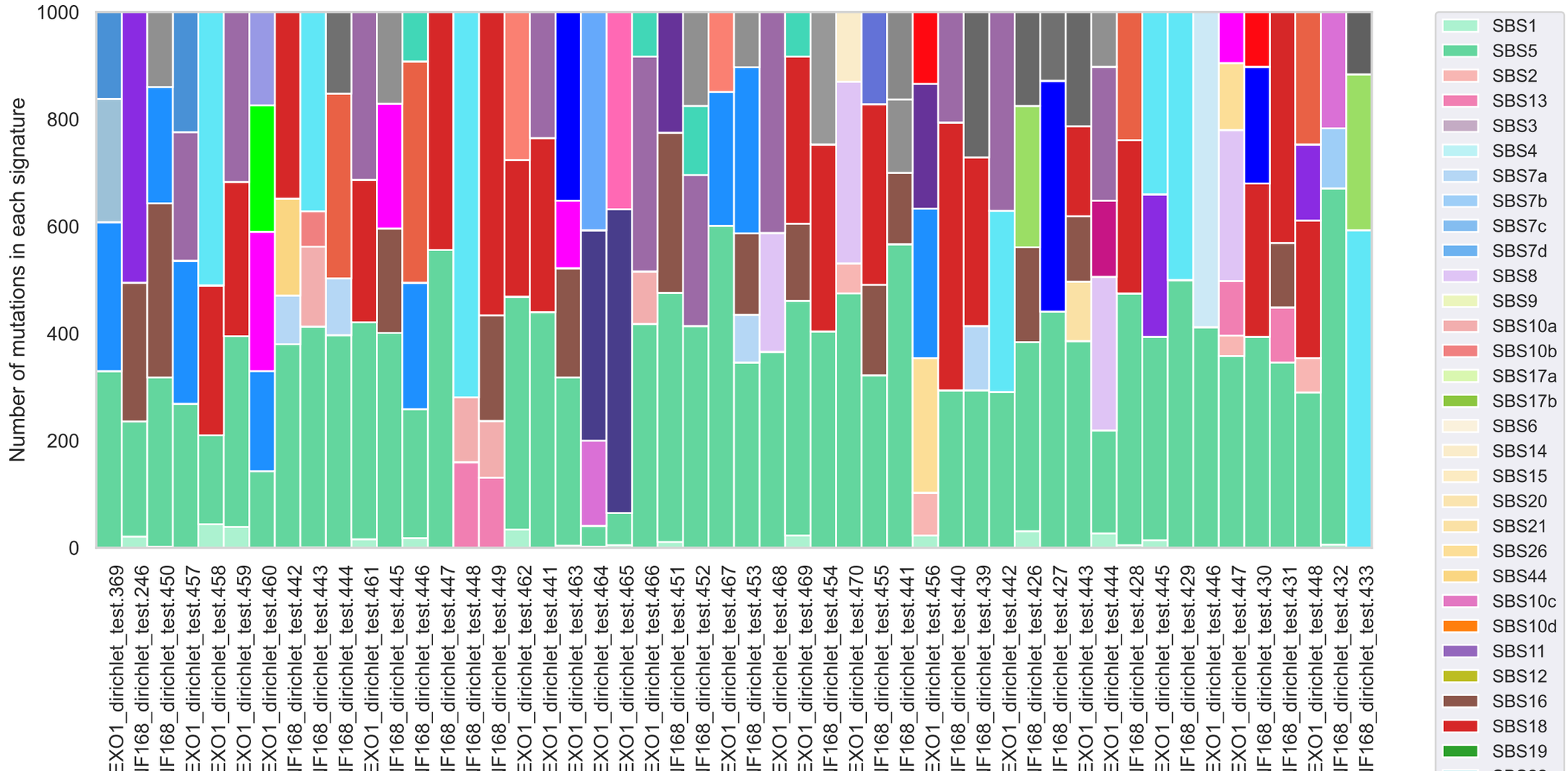
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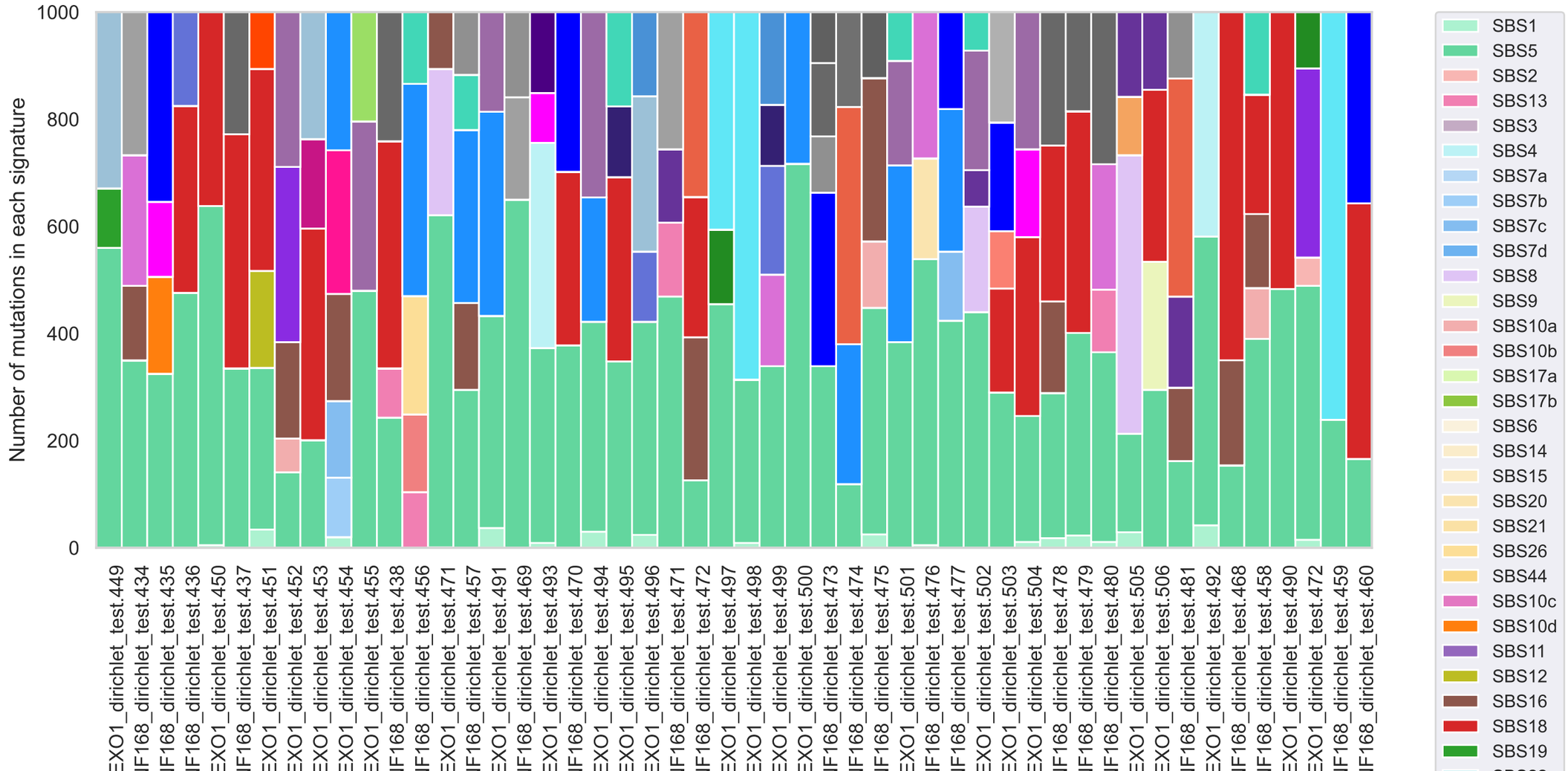
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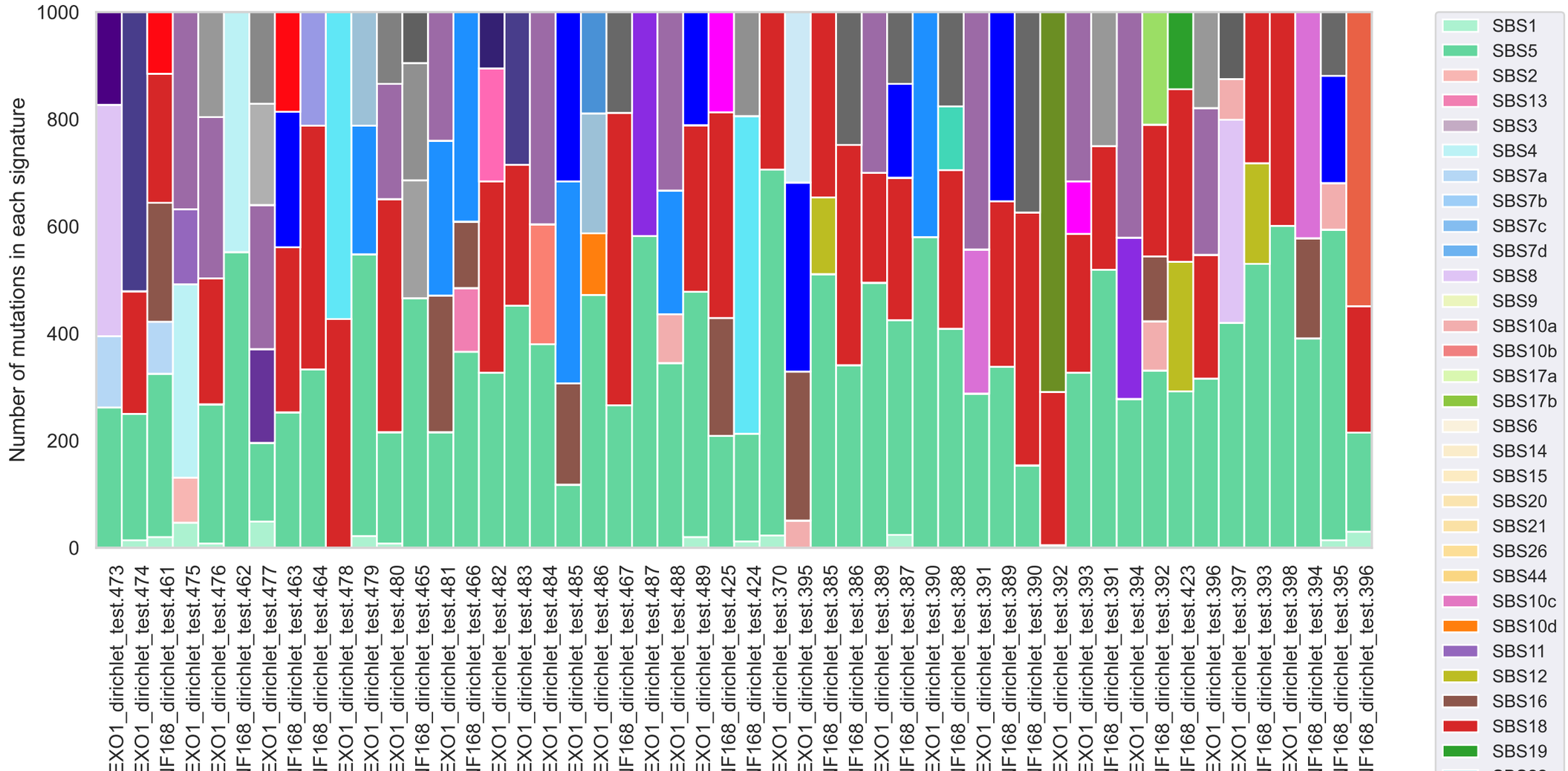
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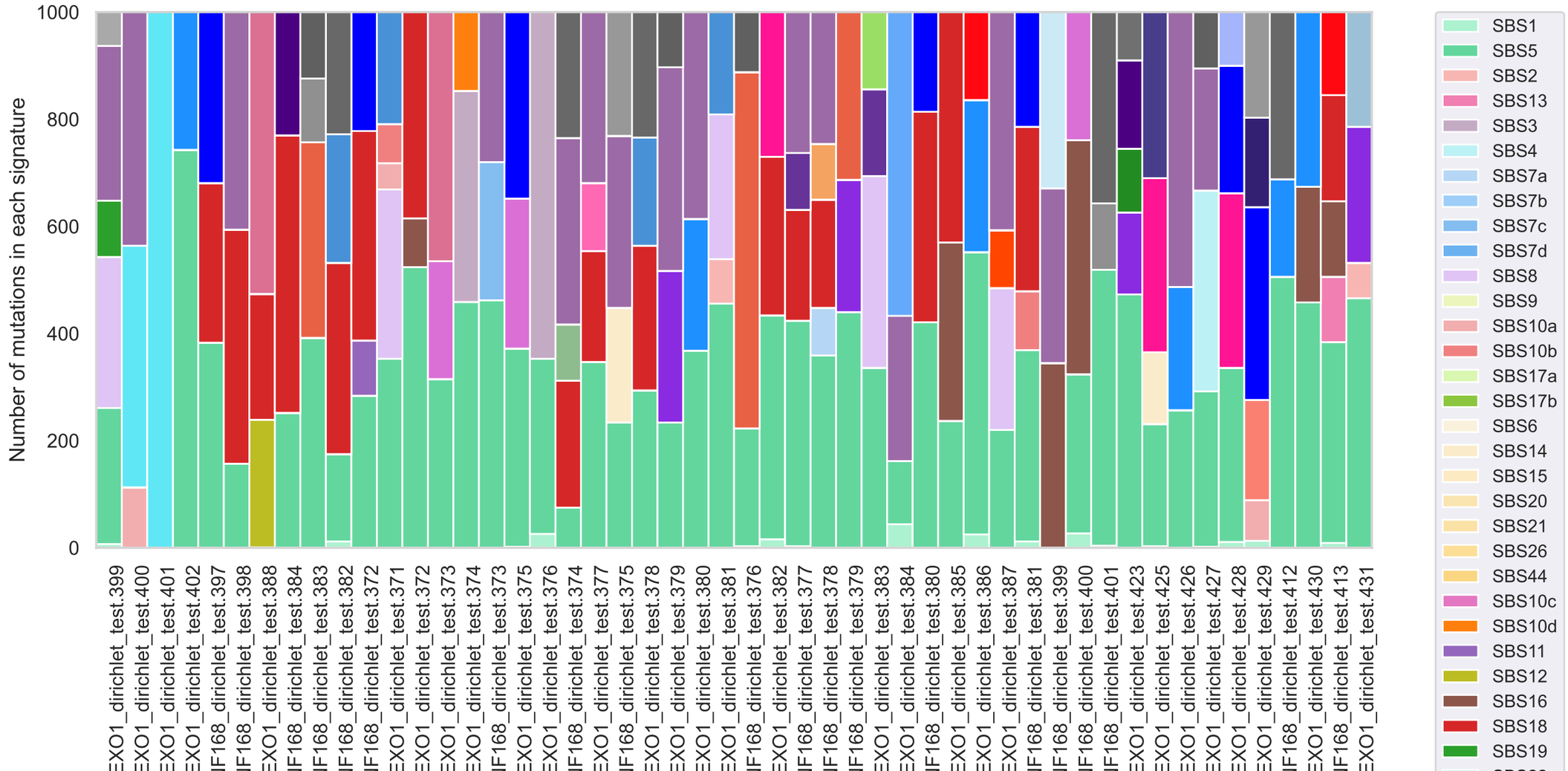
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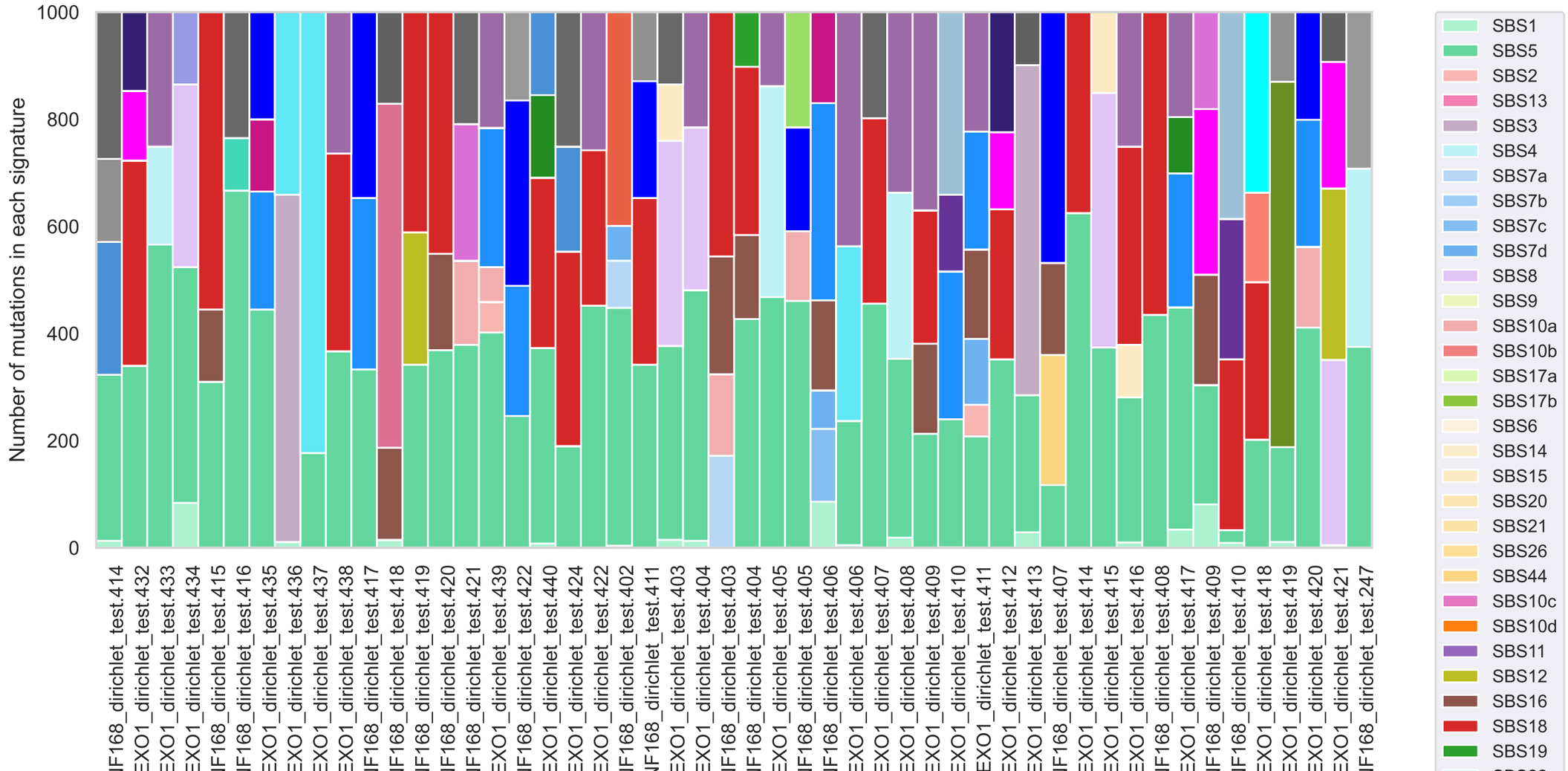
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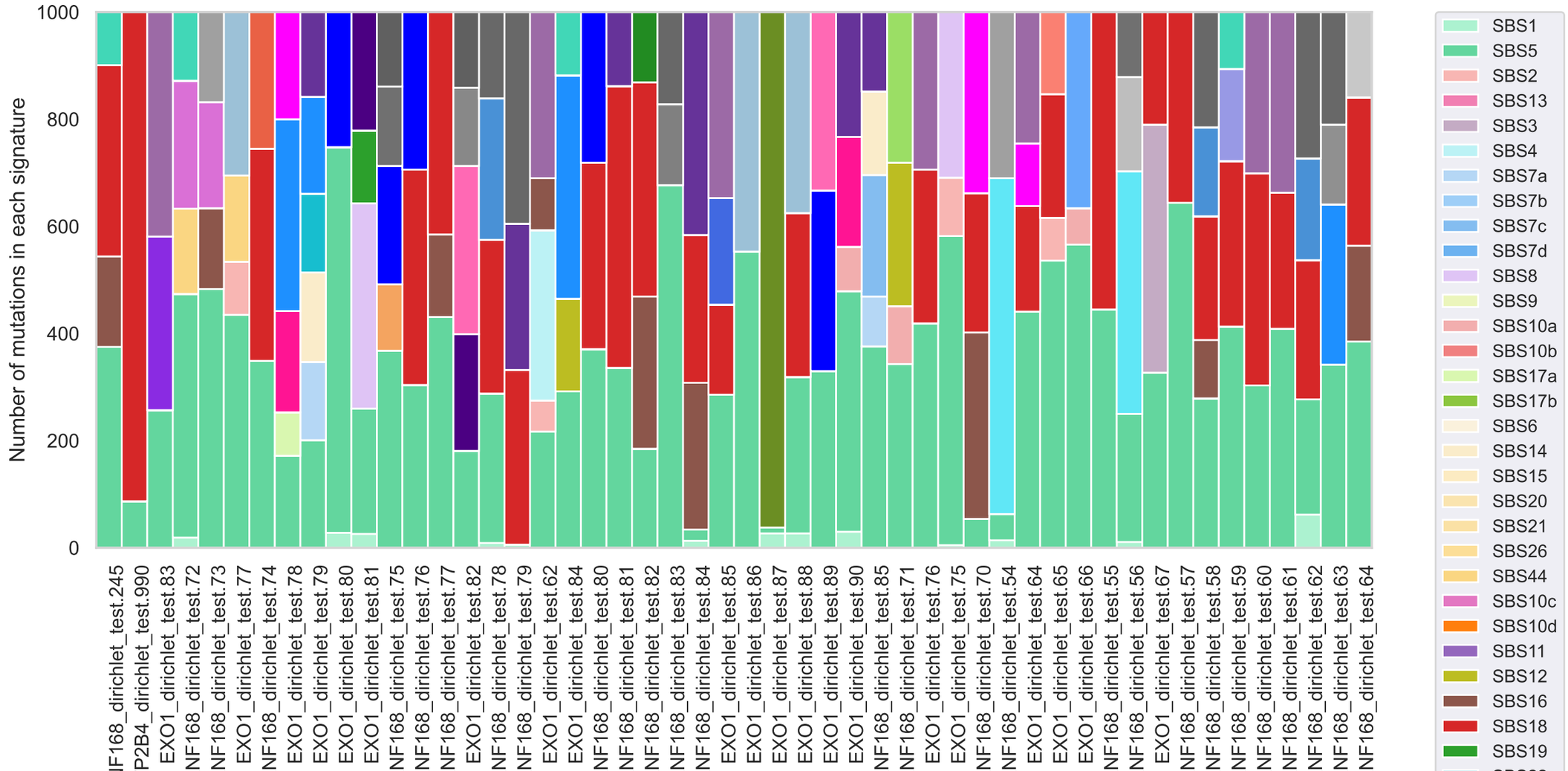
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NF168_dirichlet_test.64
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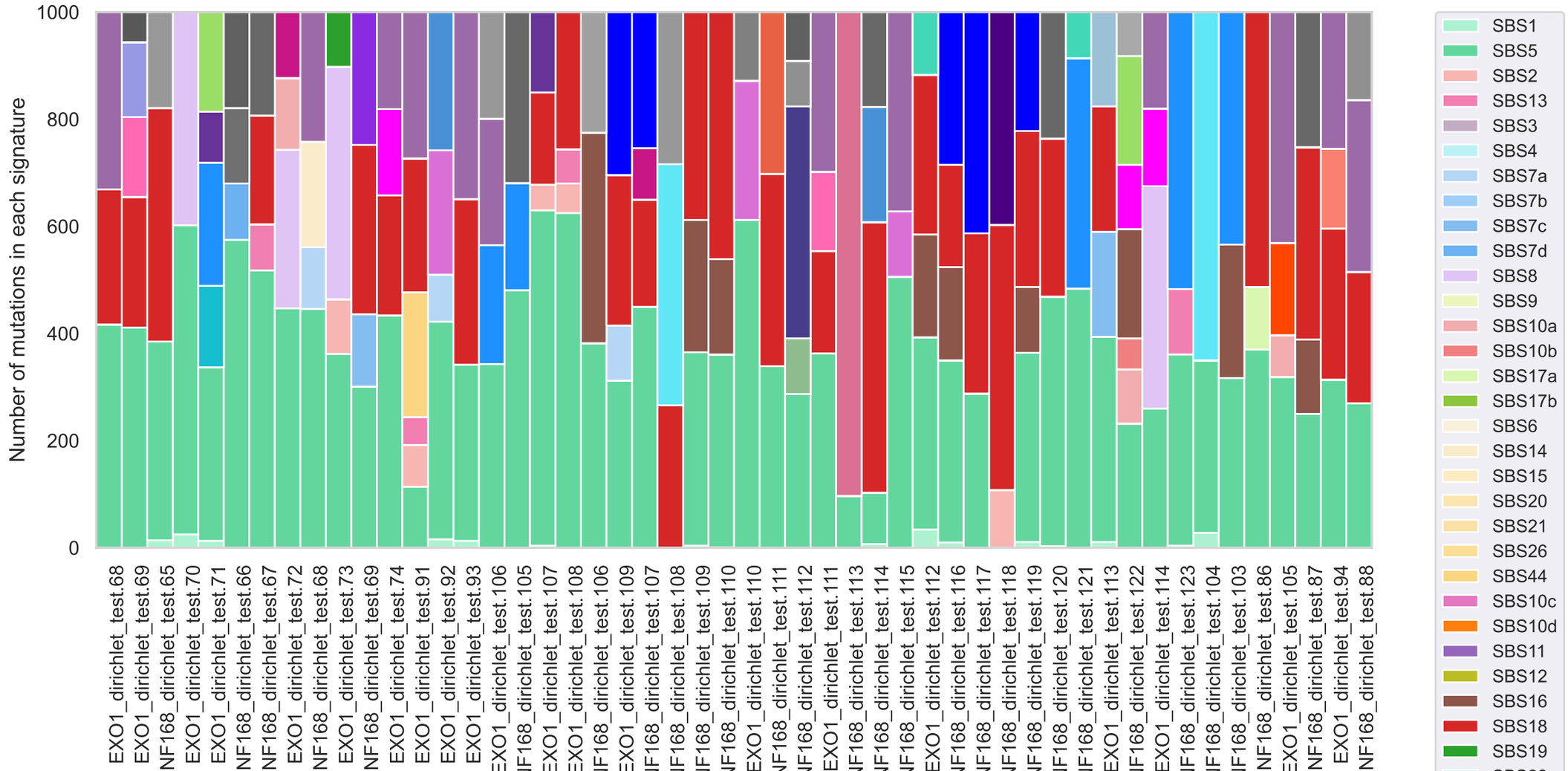
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NF168_dirichlet_test.88
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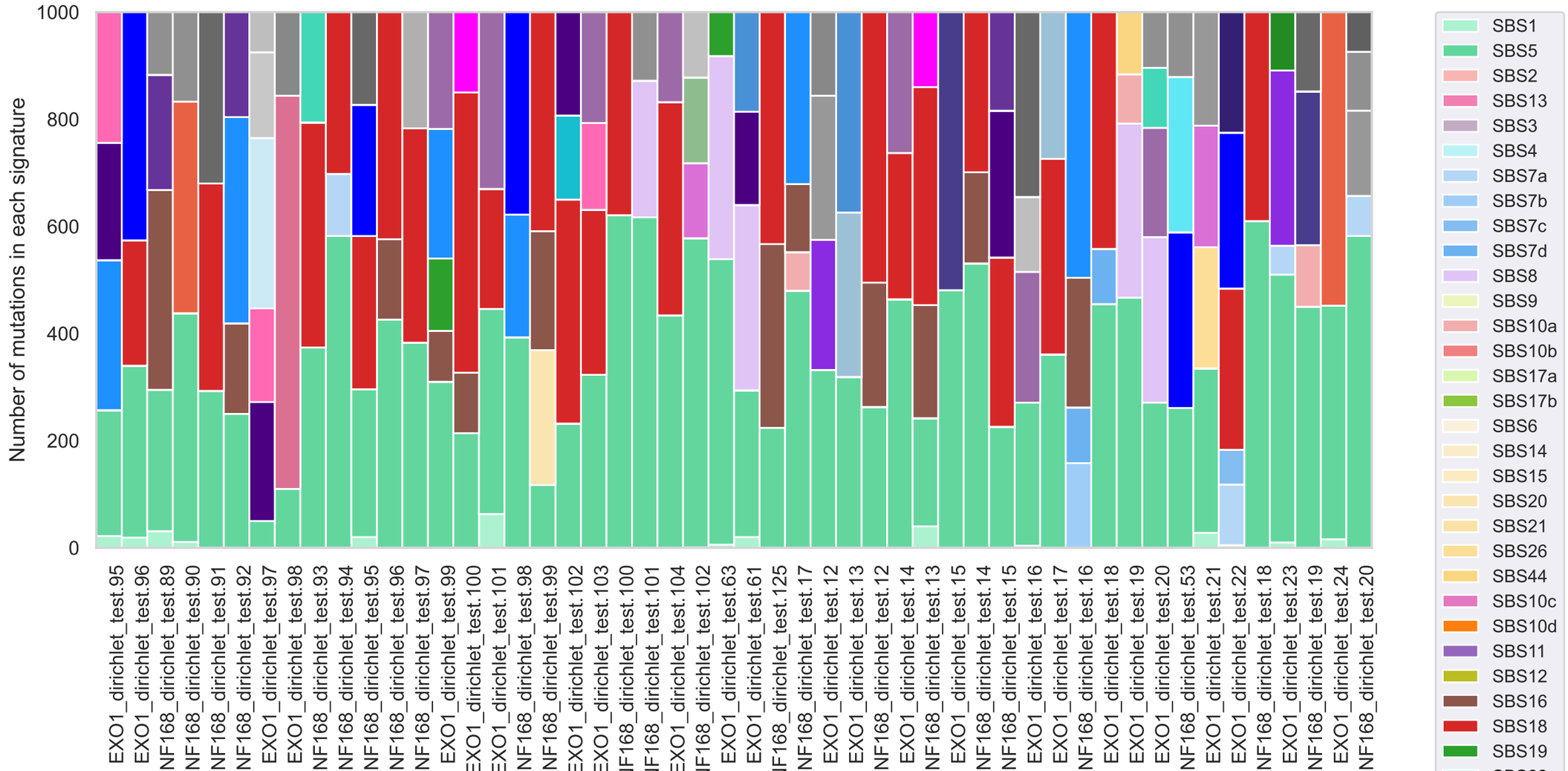
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NF168_dirichlet_test.20
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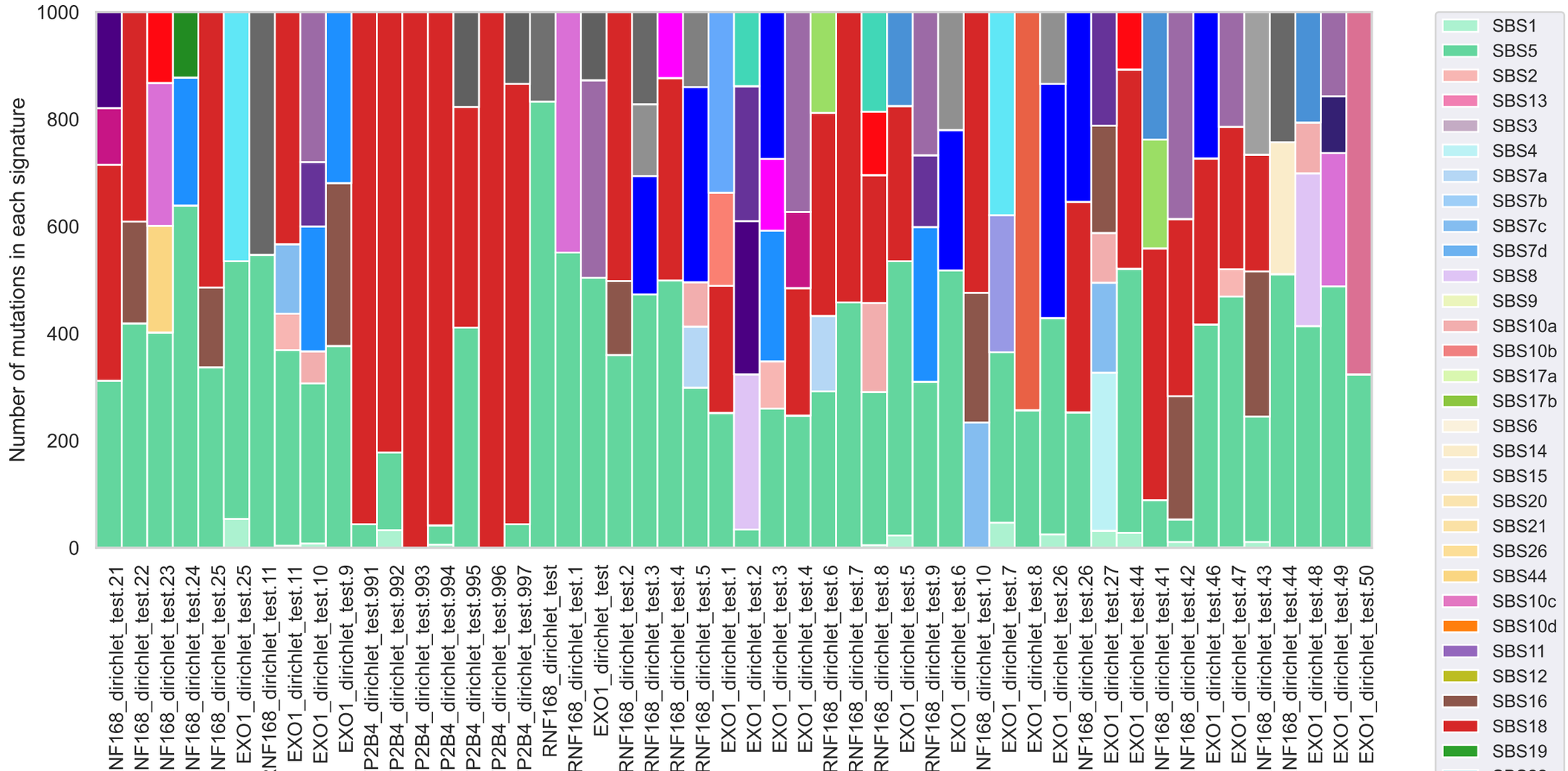
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EXO1_dirichlet_test.4
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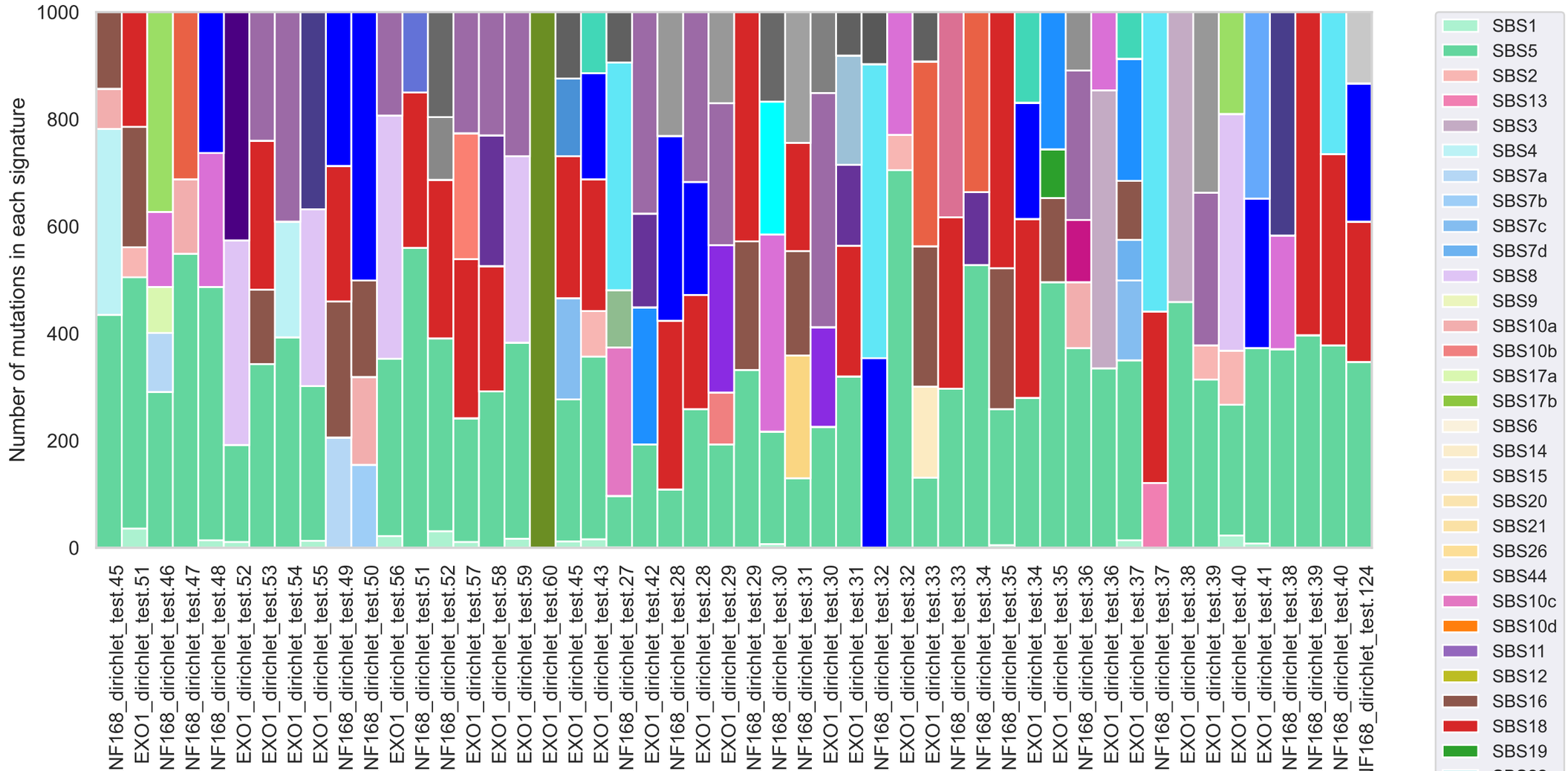
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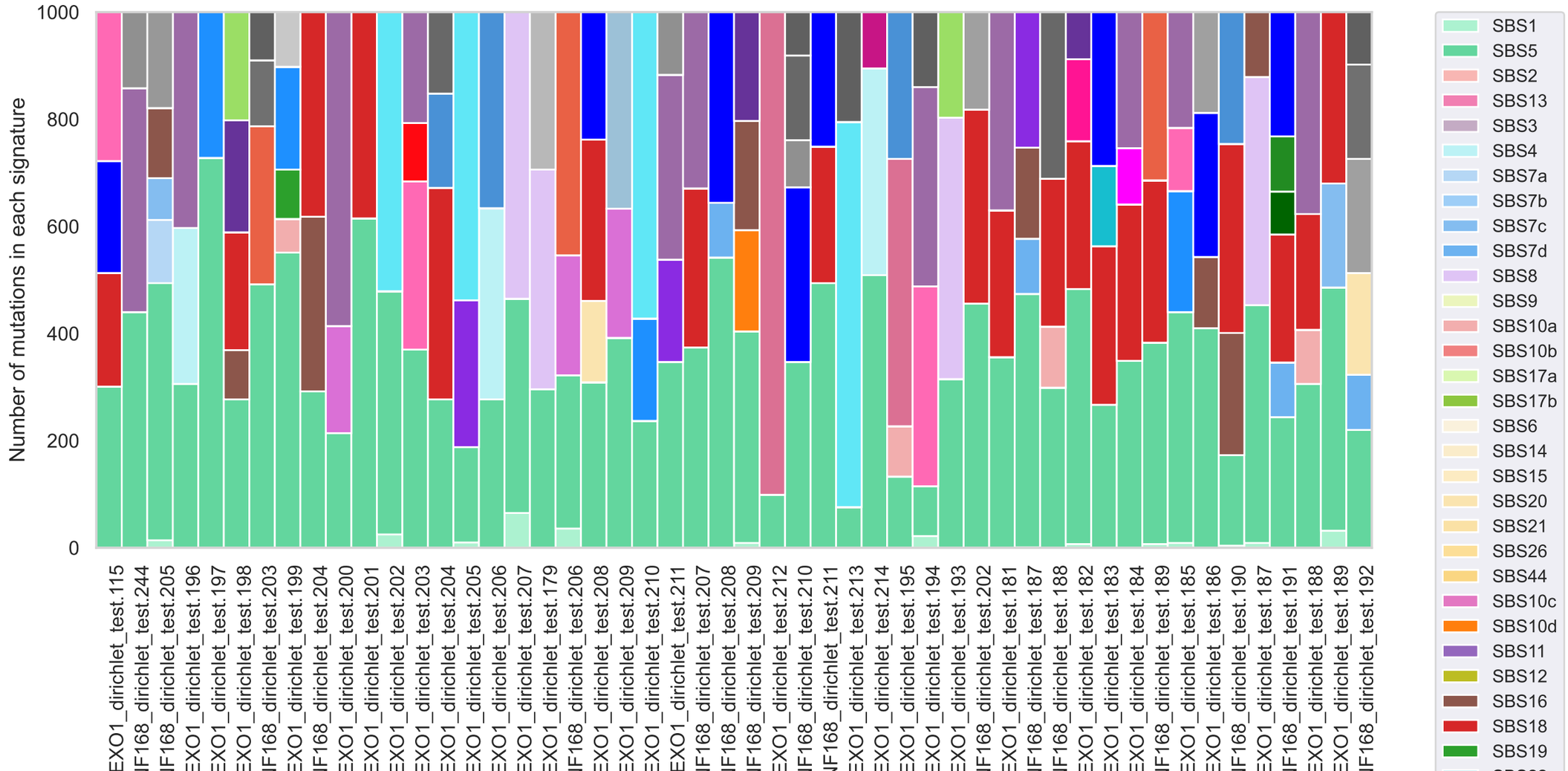
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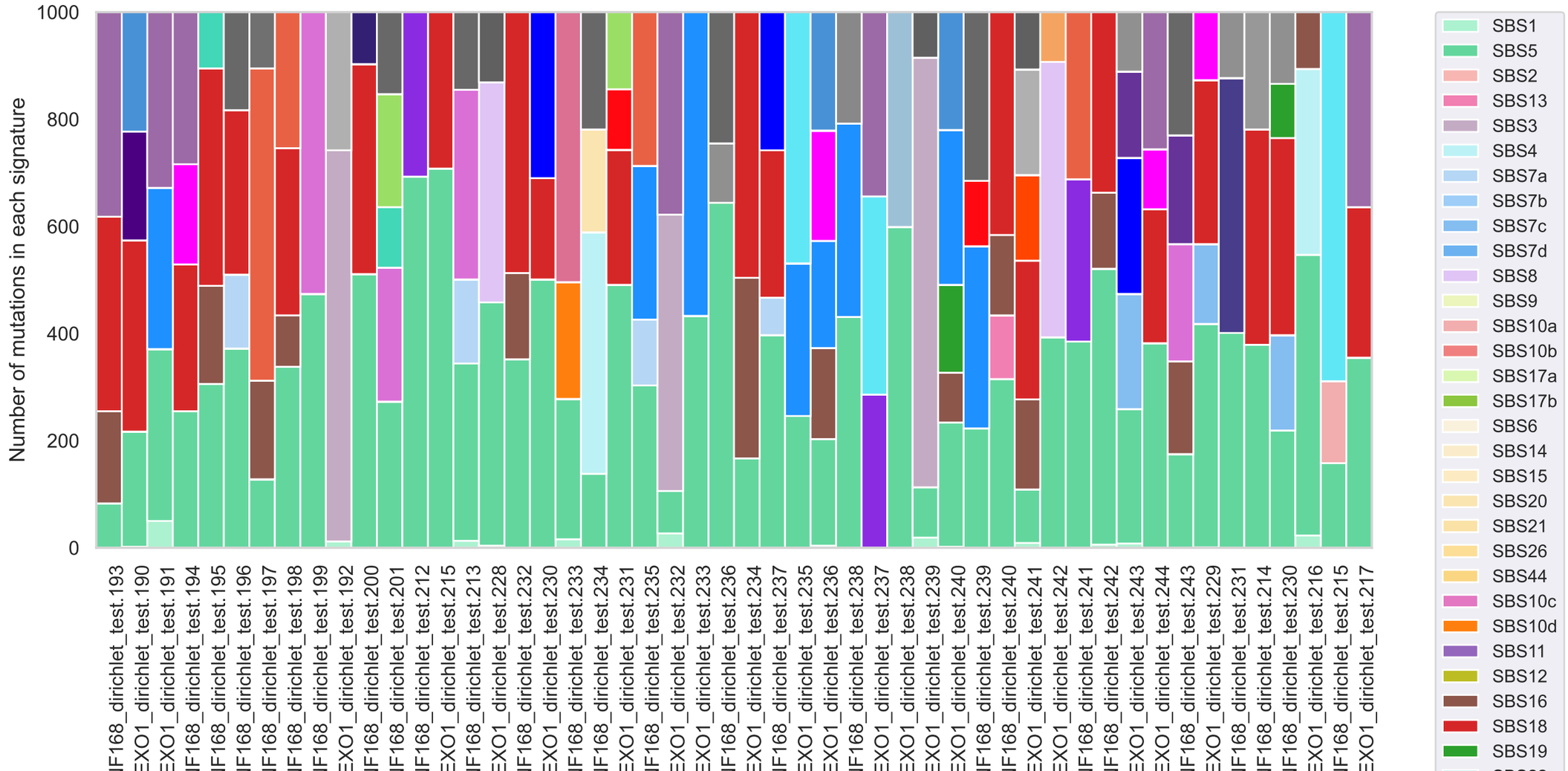
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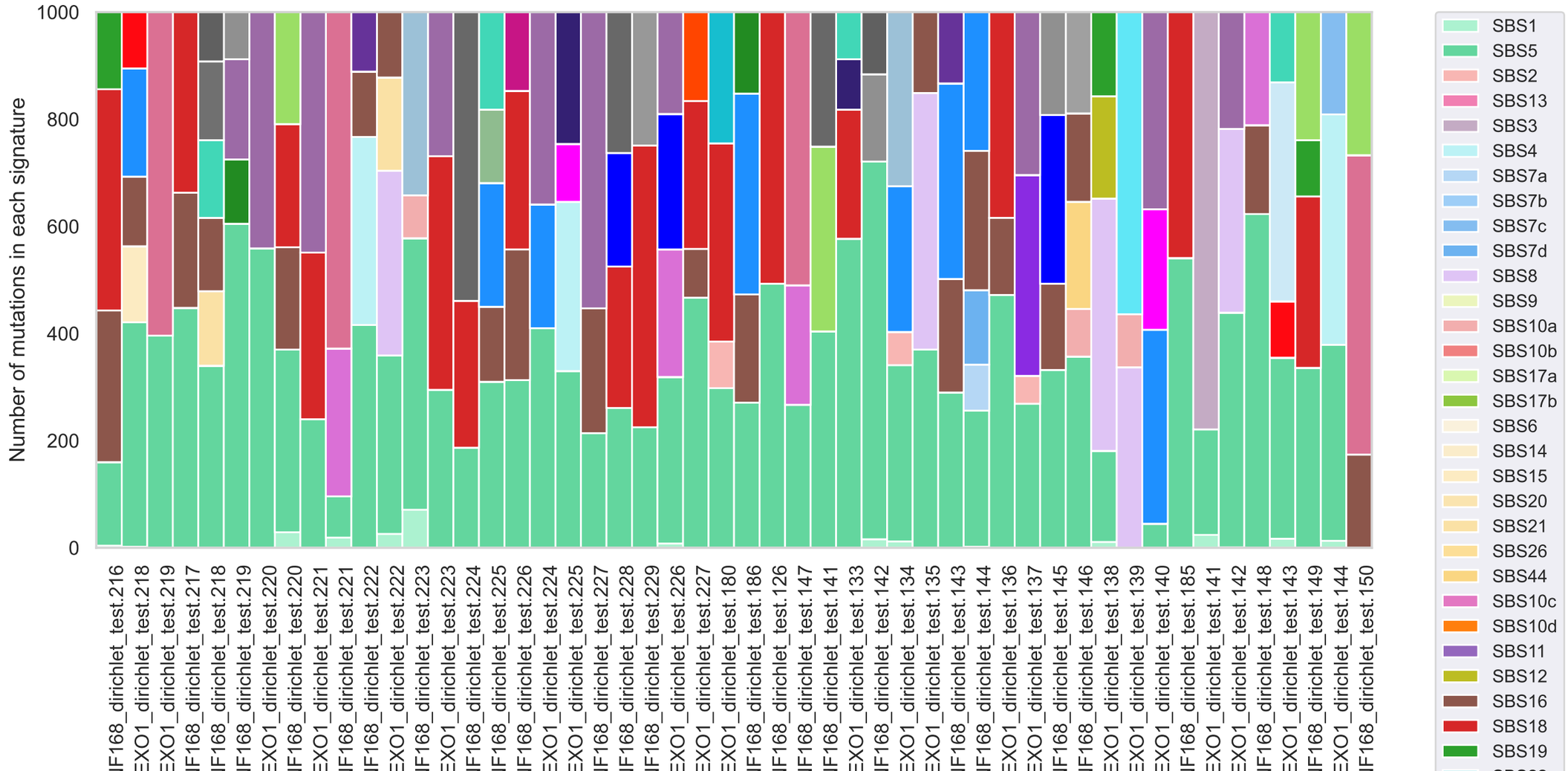
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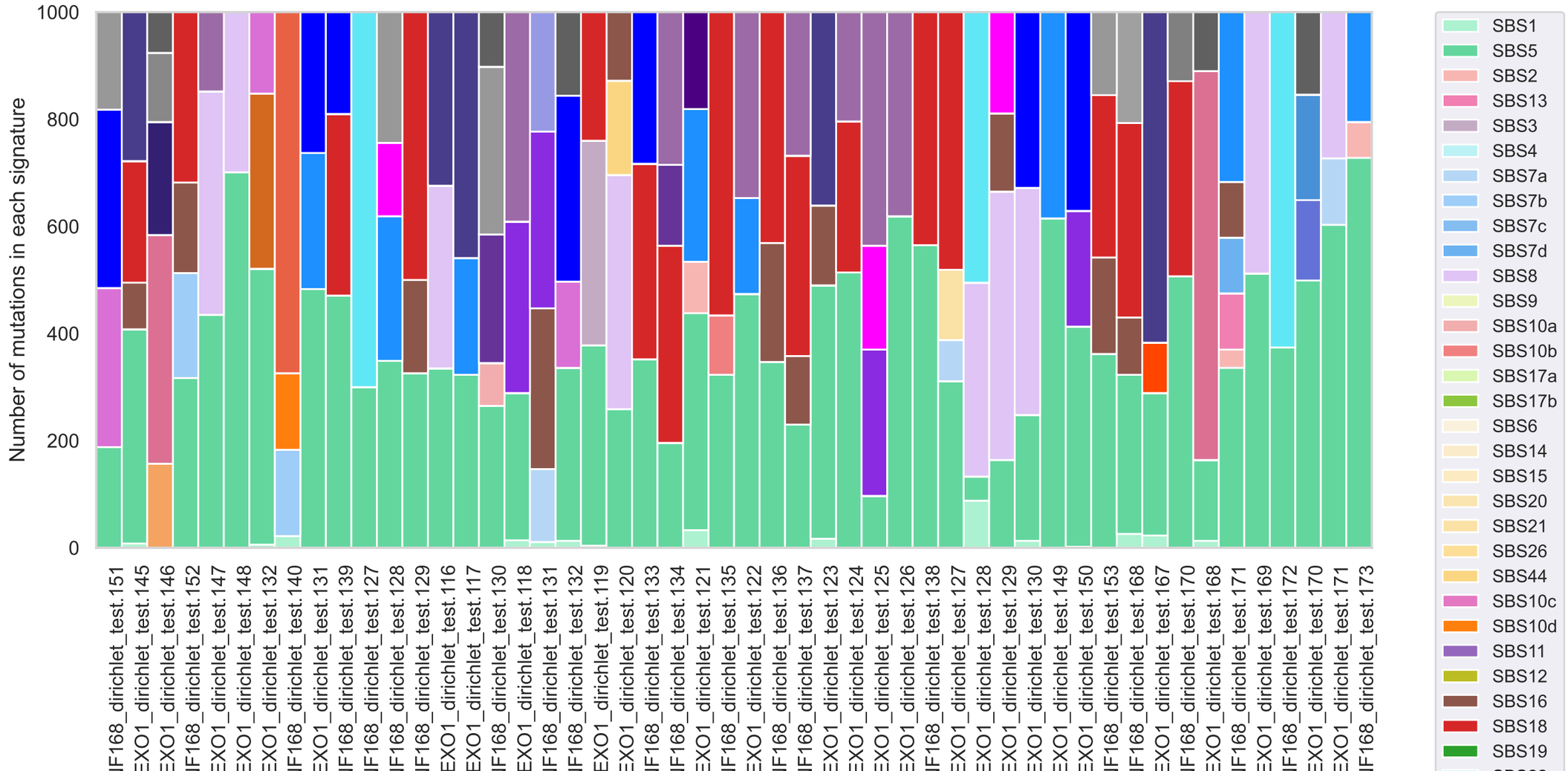
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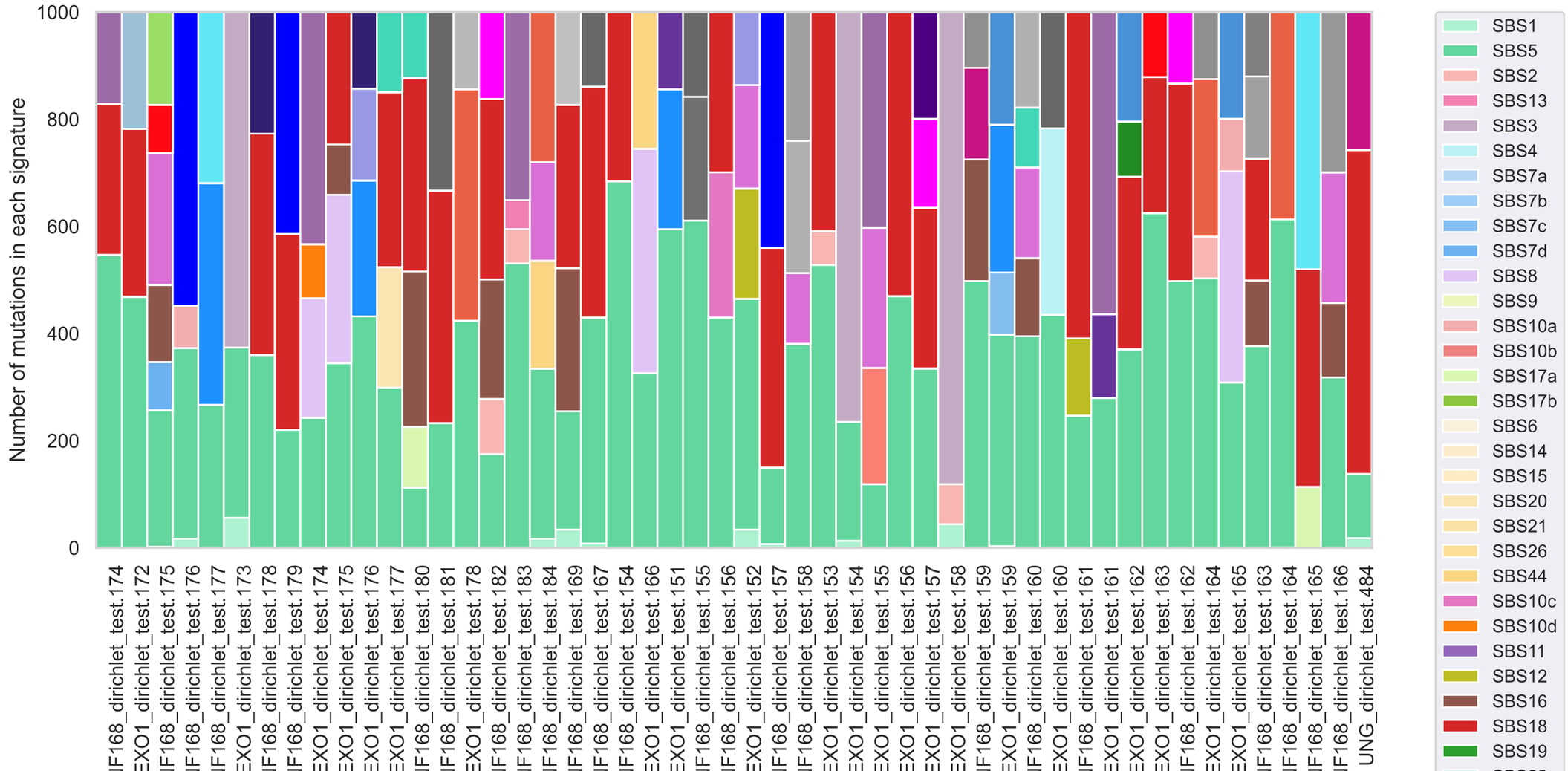
SBS18
SBS19


Number of mutations in each signature
1000
800
600
400
200
0
IF168_dirichlet_test.174
EXO1_dirichlet_test.172
IF168_dirichlet_test.175
IF168_dirichlet_test.176
IF168_dirichlet_test.177
EXO1_dirichlet_test.173
IF168_dirichlet_test.178
IF168_dirichlet_test.179
EXO1_dirichlet_test.174
EXO1_dirichlet_test.175
EXO1_dirichlet_test.176
EXO1_dirichlet_test.177
IF168_dirichlet_test.180
IF168_dirichlet_test.181
EXO1_dirichlet_test.178
IF168_dirichlet_test.182
IF168_dirichlet_test.183
IF168_dirichlet_test.184
IF168_dirichlet_test.169
IF168_dirichlet_test.167
IF168_dirichlet_test.154
EXO1_dirichlet_test.166
EXO1_dirichlet_test.151
IF168_dirichlet_test.155
IF168_dirichlet_test.156
EXO1_dirichlet_test.152
IF168_dirichlet_test.157
IF168_dirichlet_test.158
EXO1_dirichlet_test.153
EXO1_dirichlet_test.154
EXO1_dirichlet_test.155
EXO1_dirichlet_test.156
EXO1_dirichlet_test.157
EXO1_dirichlet_test.158
IF168_dirichlet_test.159
EXO1_dirichlet_test.159
IF168_dirichlet_test.160
EXO1_dirichlet_test.160
IF168_dirichlet_test.161
EXO1_dirichlet_test.161
EXO1_dirichlet_test.162
EXO1_dirichlet_test.163
IF168_dirichlet_test.162
EXO1_dirichlet_test.164
EXO1_dirichlet_test.165
IF168_dirichlet_test.163
IF168_dirichlet_test.164
IF168_dirichlet_test.165
IF168_dirichlet_test.166
UNG_dirichlet_test.484
SBS1
SBS5
SBS2
SBS13
SBS3
SBS4
SBS7a
SBS7b
SBS7c
SBS7d
SBS8
SBS9
SBS10a
SBS10b
SBS17a
SBS17b
SBS6
SBS14
SBS15
SBS20
SBS21
SBS26
SBS44
SBS10c
SBS10d
SBS11
SBS12
SBS16
SBS18
SBS19