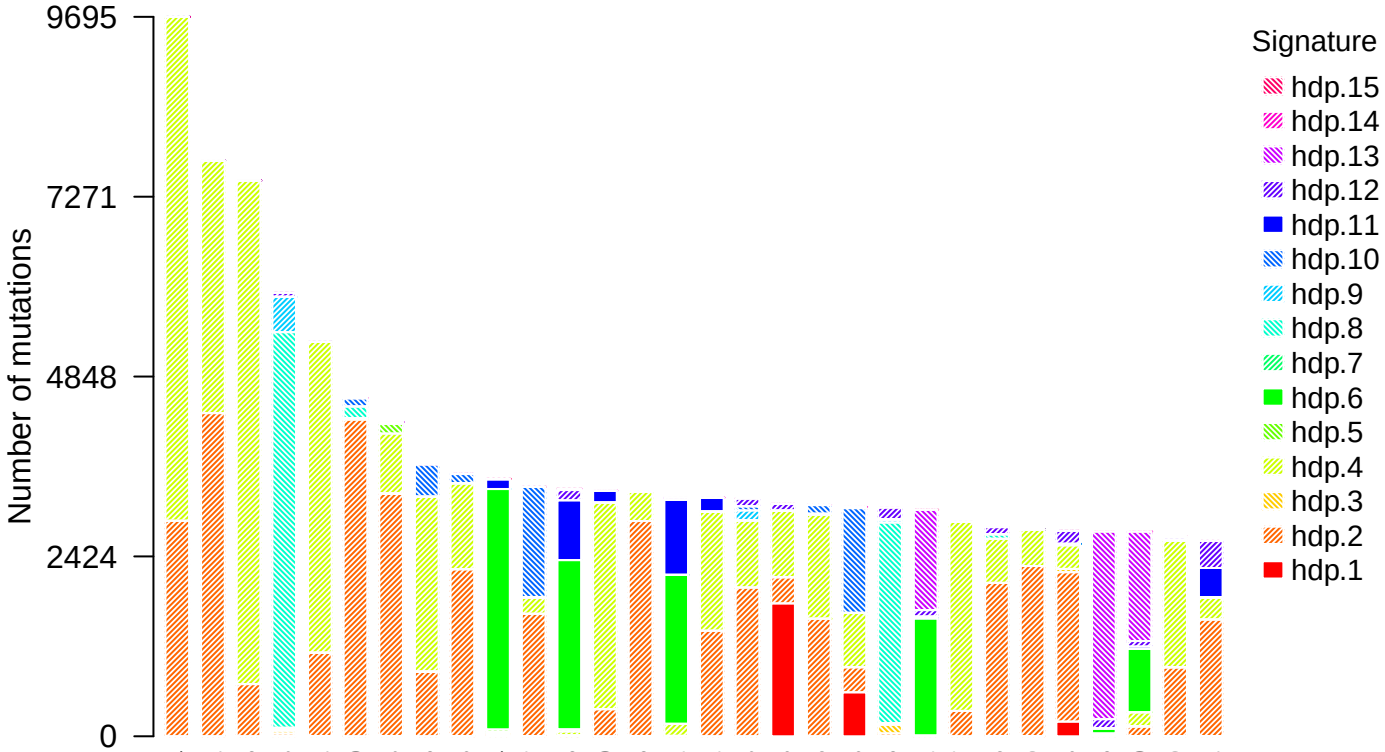
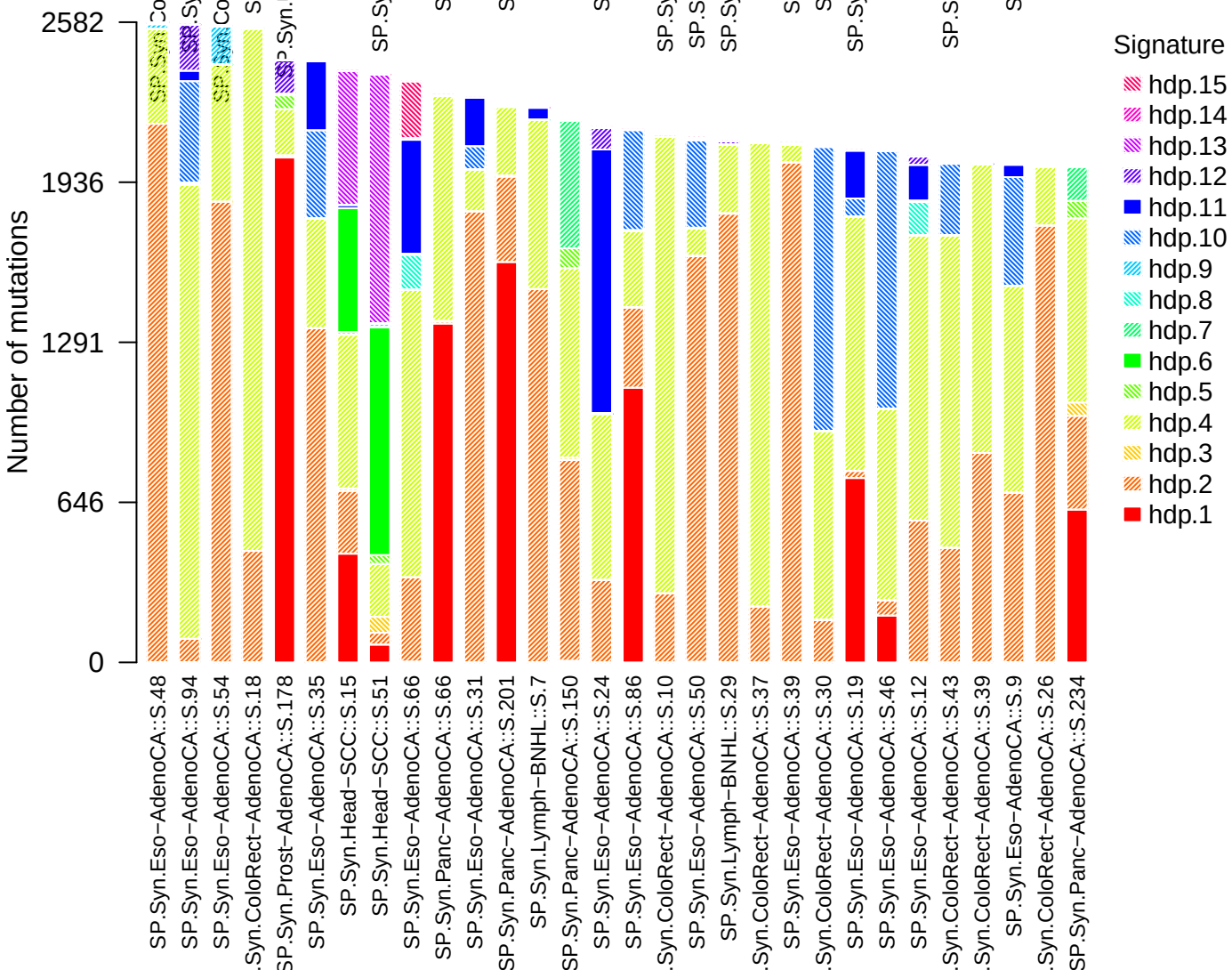
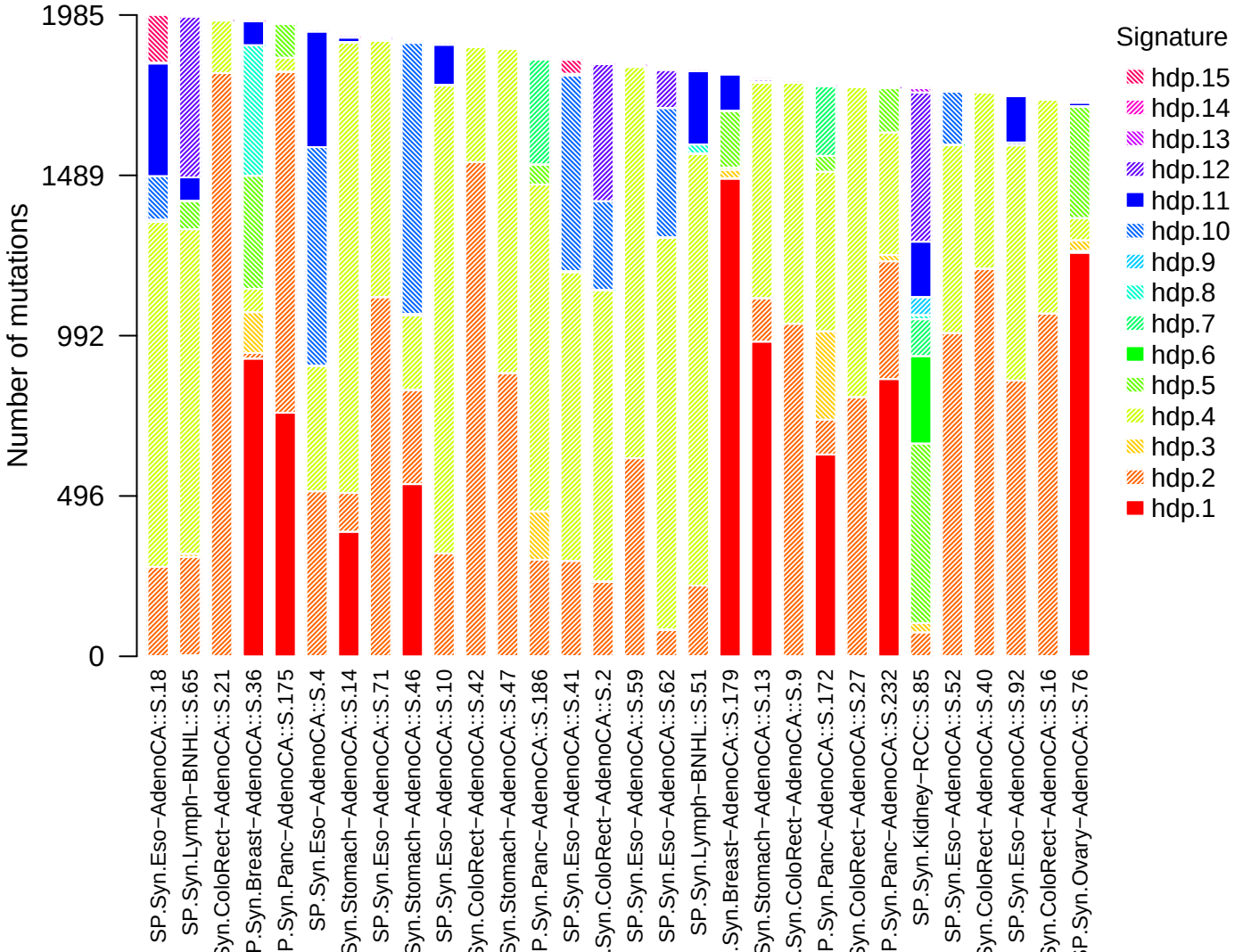
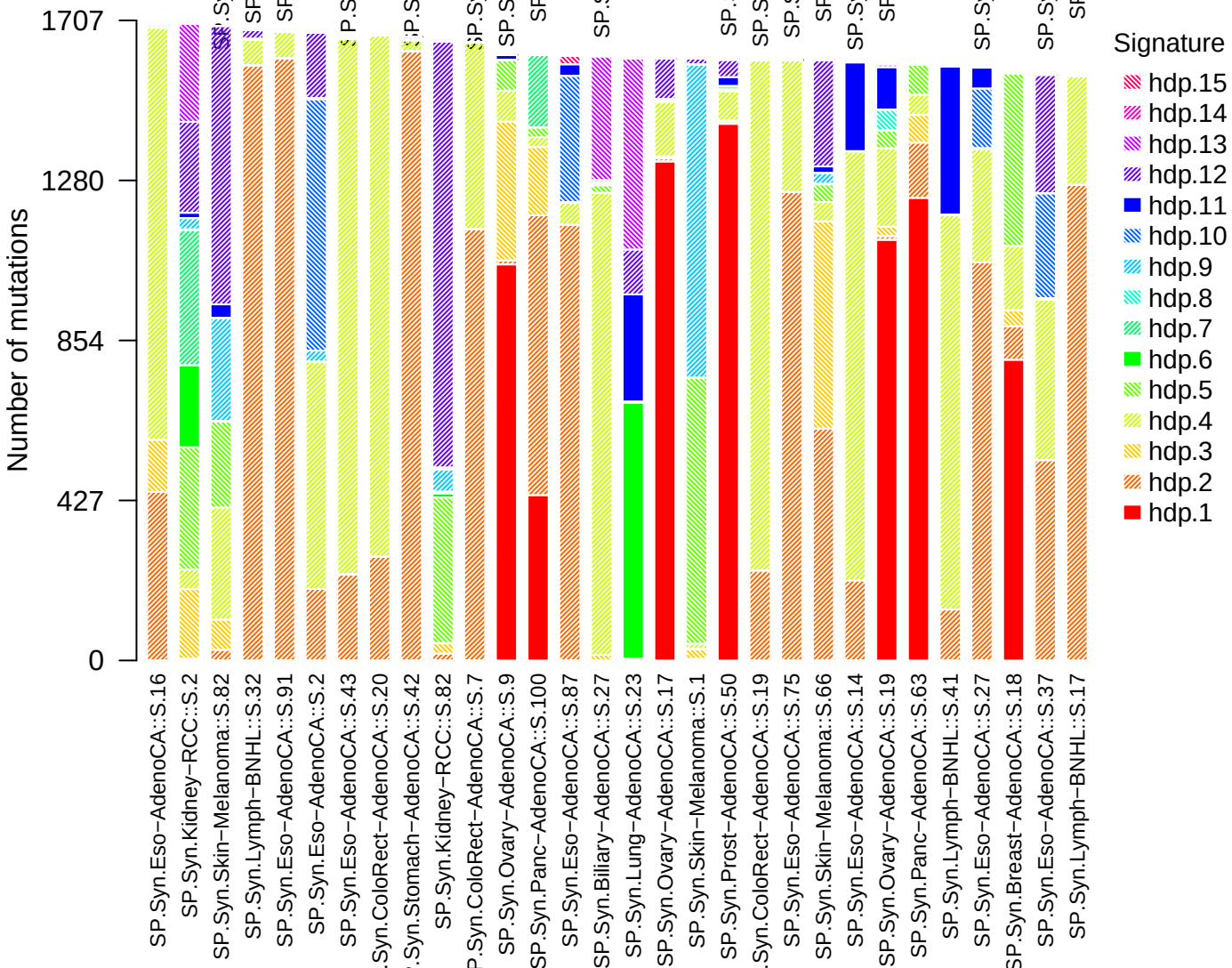
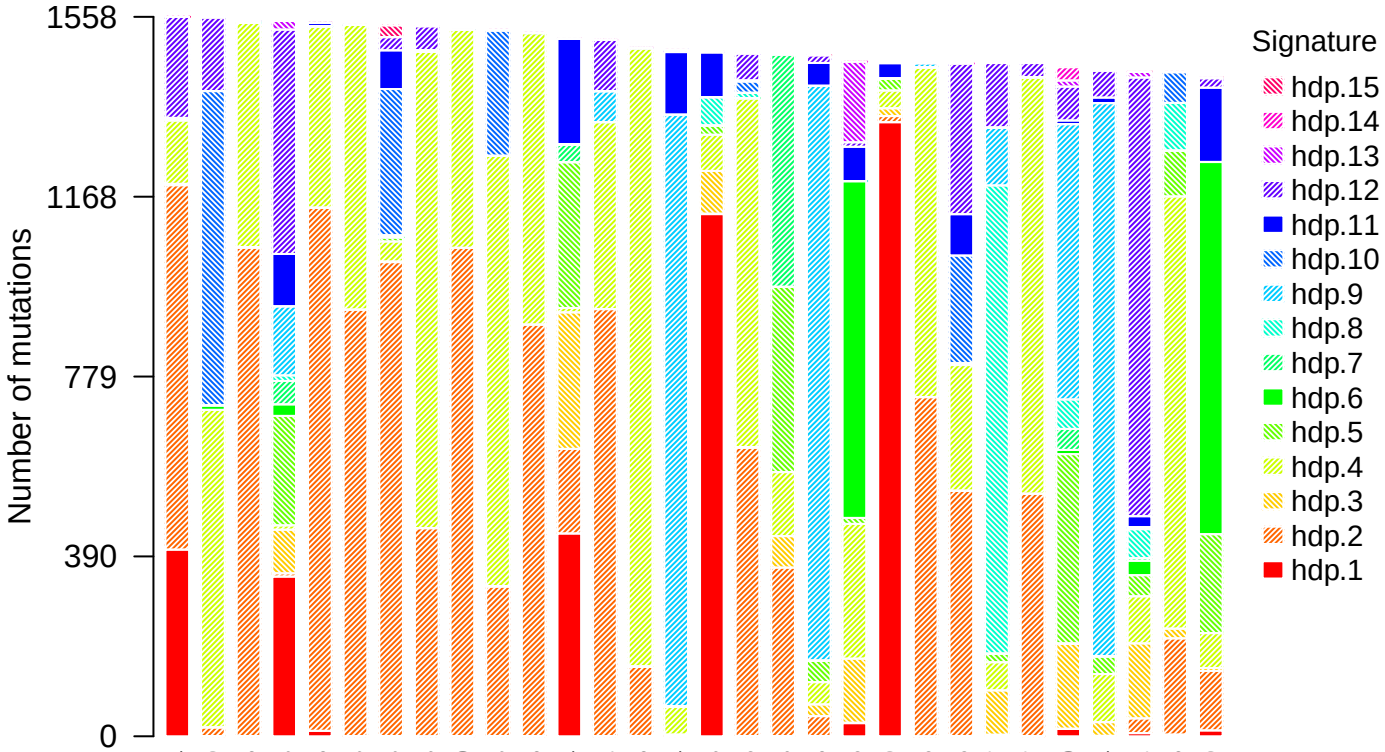
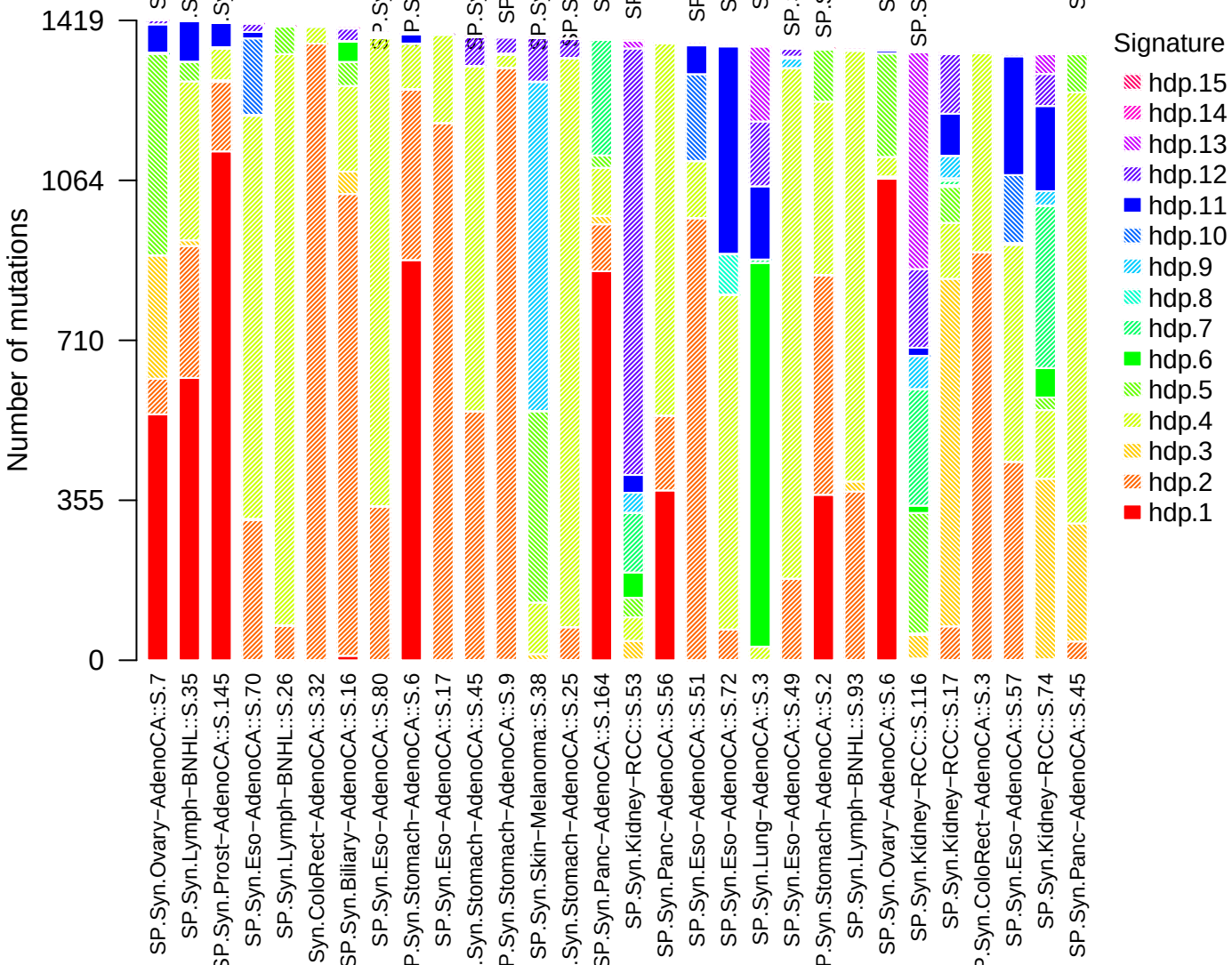

Number of mutations
9695
7271
4848
2424
0
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1
SP.Syn.ColoRect−AdenoCA::POLE.S.4
SP.Syn.Lymph−BNHL::MSI−H.S.1
SP.Syn.ColoRect−AdenoCA::POLE.S.5
SP.Syn.Skin−Melanoma::S.33
SP.Syn.Uterus−AdenoCA::POLE.S.1
SP.Syn.Eso−AdenoCA::S.60
SP.Syn.Eso−AdenoCA::S.73
SP.Syn.ColoRect−AdenoCA::S.25
SP.Syn.Eso−AdenoCA::S.58
SP.Syn.Lung−AdenoCA::S.14
SP.Syn.Eso−AdenoCA::S.47
SP.Syn.Lung−AdenoCA::S.15
SP.Syn.Eso−AdenoCA::S.40
SP.Syn.Eso−AdenoCA::S.55
SP.Syn.Lung−AdenoCA::S.32
SP.Syn.Lymph−BNHL::S.72
SP.Syn.ColoRect−AdenoCA::S.33
SP.Syn.Stomach−AdenoCA::S.38
SP.Syn.ColoRect−AdenoCA::S.36
SP.Syn.Eso−AdenoCA::S.38
SP.Syn.Skin−Melanoma::S.55
SP.Syn.Lung−AdenoCA::S.22
SP.Syn.ColoRect−AdenoCA::S.17
SP.Syn.Eso−AdenoCA::S.6
SP.Syn.Eso−AdenoCA::S.79
SP.Syn.Stomach−AdenoCA::S.48
SP.Syn.Lung−AdenoCA::S.5
SP.Syn.Lung−AdenoCA::S.10
SP.Syn.Eso−AdenoCA::S.89
SP.Syn.Eso−AdenoCA::S.1

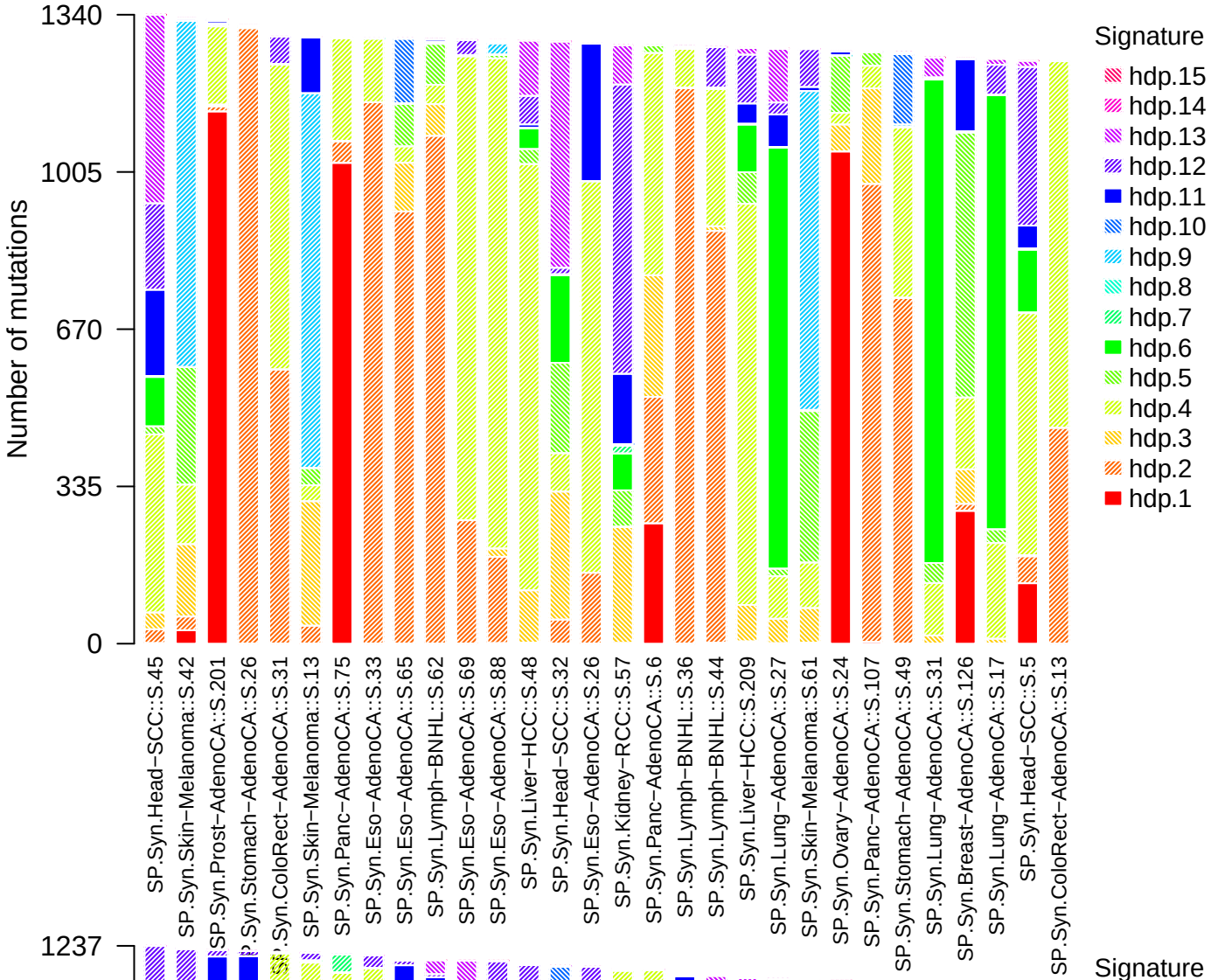

Number of mutations
2582
1936
1291
646
0
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1
SP.Syn.Eso−AdenoCA::S.48
SP.Syn.Eso−AdenoCA::S.94
SP.Syn.Eso−AdenoCA::S.54
SP.Syn.ColoRect−AdenoCA::S.18
SP.Syn.Prost−AdenoCA::S.178
SP.Syn.Eso−AdenoCA::S.35
SP.Syn.Head−SCC::S.15
SP.Syn.Head−SCC::S.51
SP.Syn.Eso−AdenoCA::S.66
SP.Syn.Panc−AdenoCA::S.66
SP.Syn.Eso−AdenoCA::S.31
SP.Syn.Panc−AdenoCA::S.201
SP.Syn.Lymph−BNHL::S.7
SP.Syn.Panc−AdenoCA::S.150
SP.Syn.Eso−AdenoCA::S.24
SP.Syn.Eso−AdenoCA::S.86
SP.Syn.ColoRect−AdenoCA::S.10
SP.Syn.Eso−AdenoCA::S.50
SP.Syn.Lymph−BNHL::S.29
SP.Syn.ColoRect−AdenoCA::S.37
SP.Syn.Eso−AdenoCA::S.39
SP.Syn.ColoRect−AdenoCA::S.30
SP.Syn.Eso−AdenoCA::S.19
SP.Syn.Eso−AdenoCA::S.46
SP.Syn.Eso−AdenoCA::S.12
SP.Syn.ColoRect−AdenoCA::S.43
SP.Syn.ColoRect−AdenoCA::S.39
SP.Syn.Eso−AdenoCA::S.9
SP.Syn.ColoRect−AdenoCA::S.26
SP.Syn.Panc−AdenoCA::S.234

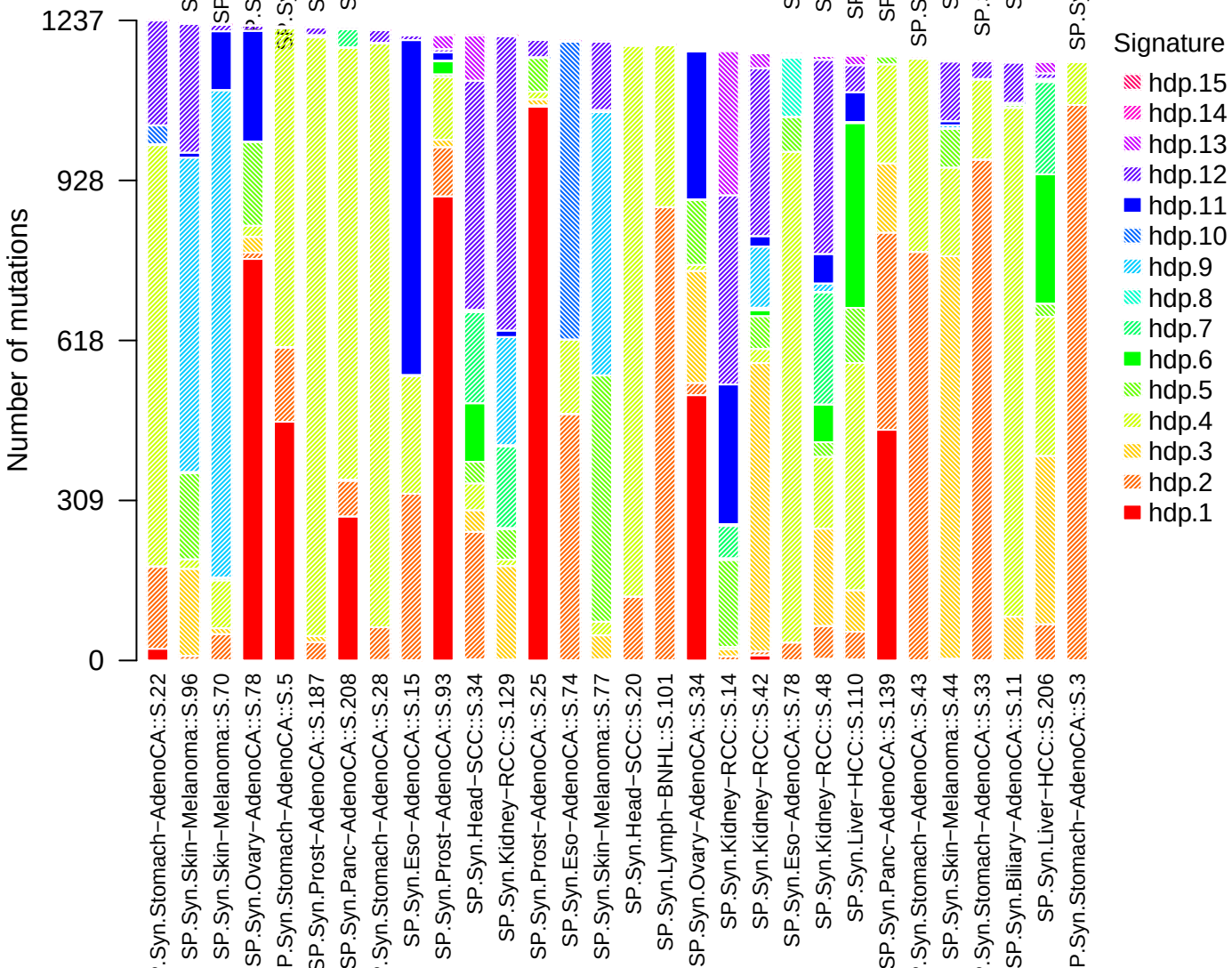

Number of mutations
1985
1489
992
496
0
SP.Syn.Eso−AdenoCA::S.18
SP.Syn.Lymph−BNHL::S.65
SP.Syn.ColoRect−AdenoCA::S.21
SP.Syn.Breast−AdenoCA::S.36
SP.Syn.Panc−AdenoCA::S.175
SP.Syn.Eso−AdenoCA::S.4
SP.Syn.Stomach−AdenoCA::S.14
SP.Syn.Eso−AdenoCA::S.71
SP.Syn.Stomach−AdenoCA::S.46
SP.Syn.Eso−AdenoCA::S.10
SP.Syn.ColoRect−AdenoCA::S.42
SP.Syn.Stomach−AdenoCA::S.47
SP.Syn.Panc−AdenoCA::S.186
SP.Syn.Eso−AdenoCA::S.41
SP.Syn.ColoRect−AdenoCA::S.2
SP.Syn.Eso−AdenoCA::S.59
SP.Syn.Eso−AdenoCA::S.62
SP.Syn.Lymph−BNHL::S.51
SP.Syn.Breast−AdenoCA::S.179
SP.Syn.Stomach−AdenoCA::S.13
SP.Syn.ColoRect−AdenoCA::S.9
SP.Syn.Panc−AdenoCA::S.172
SP.Syn.ColoRect−AdenoCA::S.27
SP.Syn.Panc−AdenoCA::S.232
SP.Syn.Kidney−RCC::S.85
SP.Syn.Eso−AdenoCA::S.52
SP.Syn.ColoRect−AdenoCA::S.40
SP.Syn.Eso−AdenoCA::S.92
SP.Syn.ColoRect−AdenoCA::S.16
SP.Syn.Ovary−AdenoCA::S.76
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

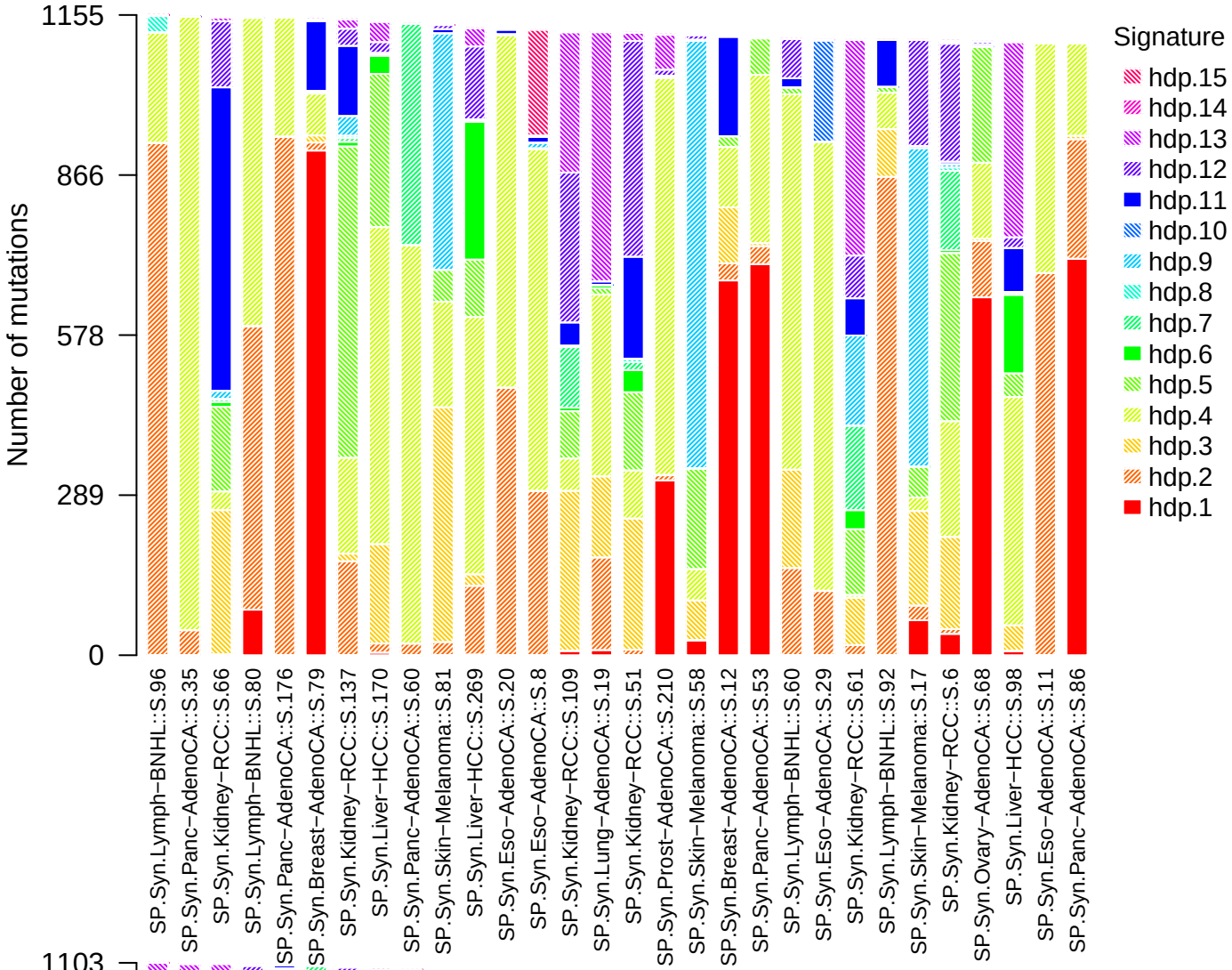

Number of mutations
1707
1280
854
427
0
SP.Syn.Eso−AdenoCA::S.16
SP.Syn.Kidney−RCC::S.2
SP.Syn.Skin−Melanoma::S.82
SP.Syn.Lymph−BNHL::S.32
SP.Syn.Eso−AdenoCA::S.91
SP.Syn.Eso−AdenoCA::S.2
SP.Syn.Eso−AdenoCA::S.43
SP.Syn.ColoRect−AdenoCA::S.20
SP.Syn.Stomach−AdenoCA::S.42
SP.Syn.Kidney−RCC::S.82
SP.Syn.ColoRect−AdenoCA::S.7
SP.Syn.Ovary−AdenoCA::S.9
SP.Syn.Panc−AdenoCA::S.100
SP.Syn.Eso−AdenoCA::S.87
SP.Syn.Biliary−AdenoCA::S.27
SP.Syn.Lung−AdenoCA::S.23
SP.Syn.Ovary−AdenoCA::S.17
SP.Syn.Skin−Melanoma::S.1
SP.Syn.Prost−AdenoCA::S.50
SP.Syn.ColoRect−AdenoCA::S.19
SP.Syn.Eso−AdenoCA::S.75
SP.Syn.Skin−Melanoma::S.66
SP.Syn.Eso−AdenoCA::S.14
SP.Syn.Ovary−AdenoCA::S.19
SP.Syn.Panc−AdenoCA::S.63
SP.Syn.Lymph−BNHL::S.41
SP.Syn.Eso−AdenoCA::S.27
SP.Syn.Breast−AdenoCA::S.18
SP.Syn.Eso−AdenoCA::S.37
SP.Syn.Lymph−BNHL::S.17
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

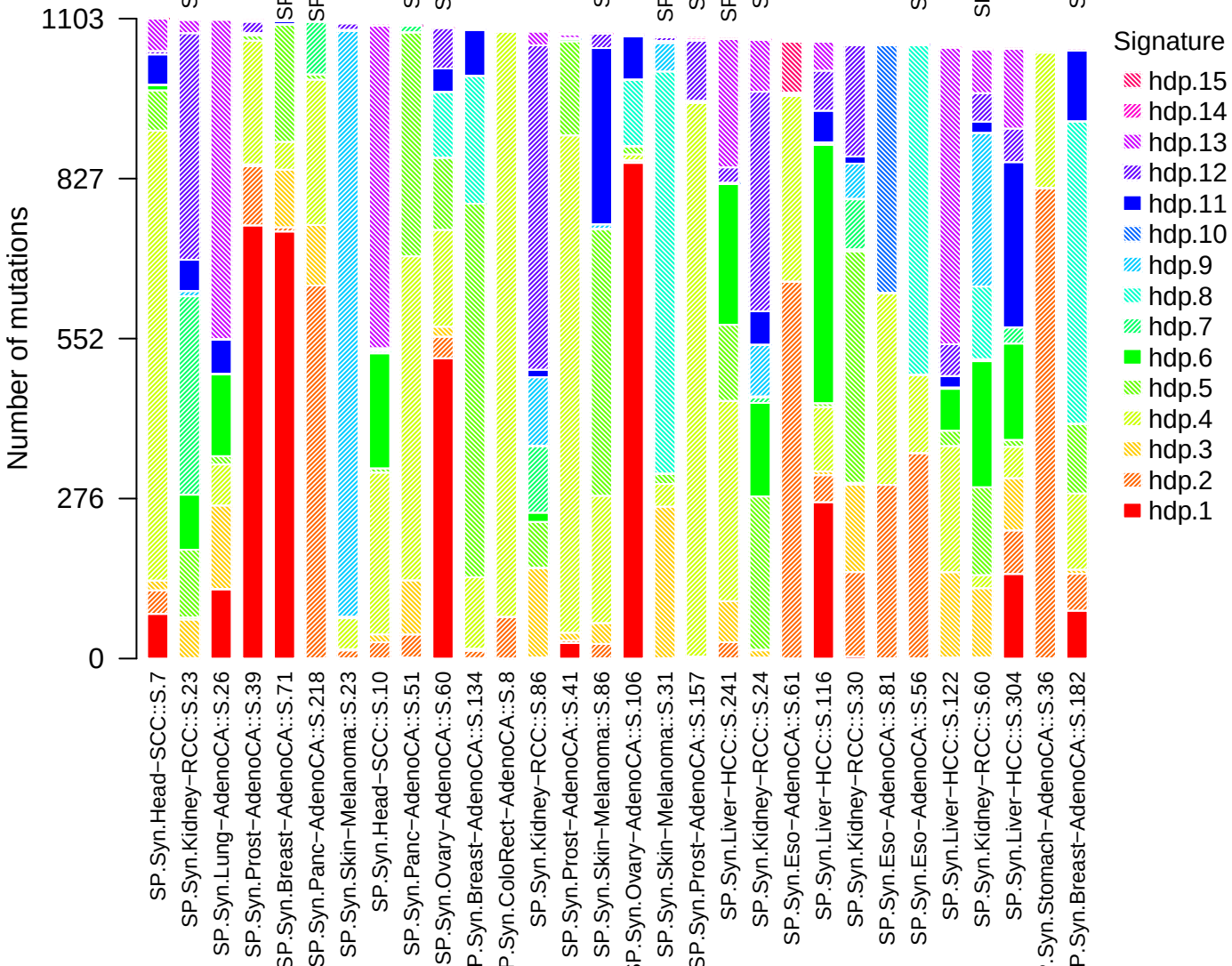

Number of mutations
1558
1168
779
390
0
SP.Syn.Biliary−AdenoCA::S.4
.Syn.Stomach−AdenoCA::S.19
.Syn.ColoRect−AdenoCA::S.35
SP.Syn.Kidney−RCC::S.83
SP.Syn.Lymph−BNHL::S.25
SP.Syn.Eso−AdenoCA::S.3
SP.Syn.Eso−AdenoCA::S.93
P.Syn.ColoRect−AdenoCA::S.38
P.Syn.Stomach−AdenoCA::S.40
SP.Syn.Eso−AdenoCA::S.63
SP.Syn.ColoRect−AdenoCA::S.15
SP.Syn.Breast−AdenoCA::S.44
SP.Syn.ColoRect−AdenoCA::S.41
SP.Syn.Stomach−AdenoCA::S.55
SP.Syn.Skin−Melanoma::S.34
SP.Syn.Ovary−AdenoCA::S.48
SP.Syn.Eso−AdenoCA::S.36
SP.Syn.Panc−AdenoCA::S.138
SP.Syn.Skin−Melanoma::S.95
SP.Syn.Lung−AdenoCA::S.16
SP.Syn.Breast−AdenoCA::S.159
SP.Syn.ColoRect−AdenoCA::S.6
SP.Syn.Eso−AdenoCA::S.76
SP.Syn.Skin−Melanoma::S.37
SP.Syn.Stomach−AdenoCA::S.37
SP.Syn.Kidney−RCC::S.70
SP.Syn.Skin−Melanoma::S.4
SP.Syn.Kidney−RCC::S.132
SP.Syn.Eso−AdenoCA::S.25
SP.Syn.Lung−AdenoCA::S.29
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

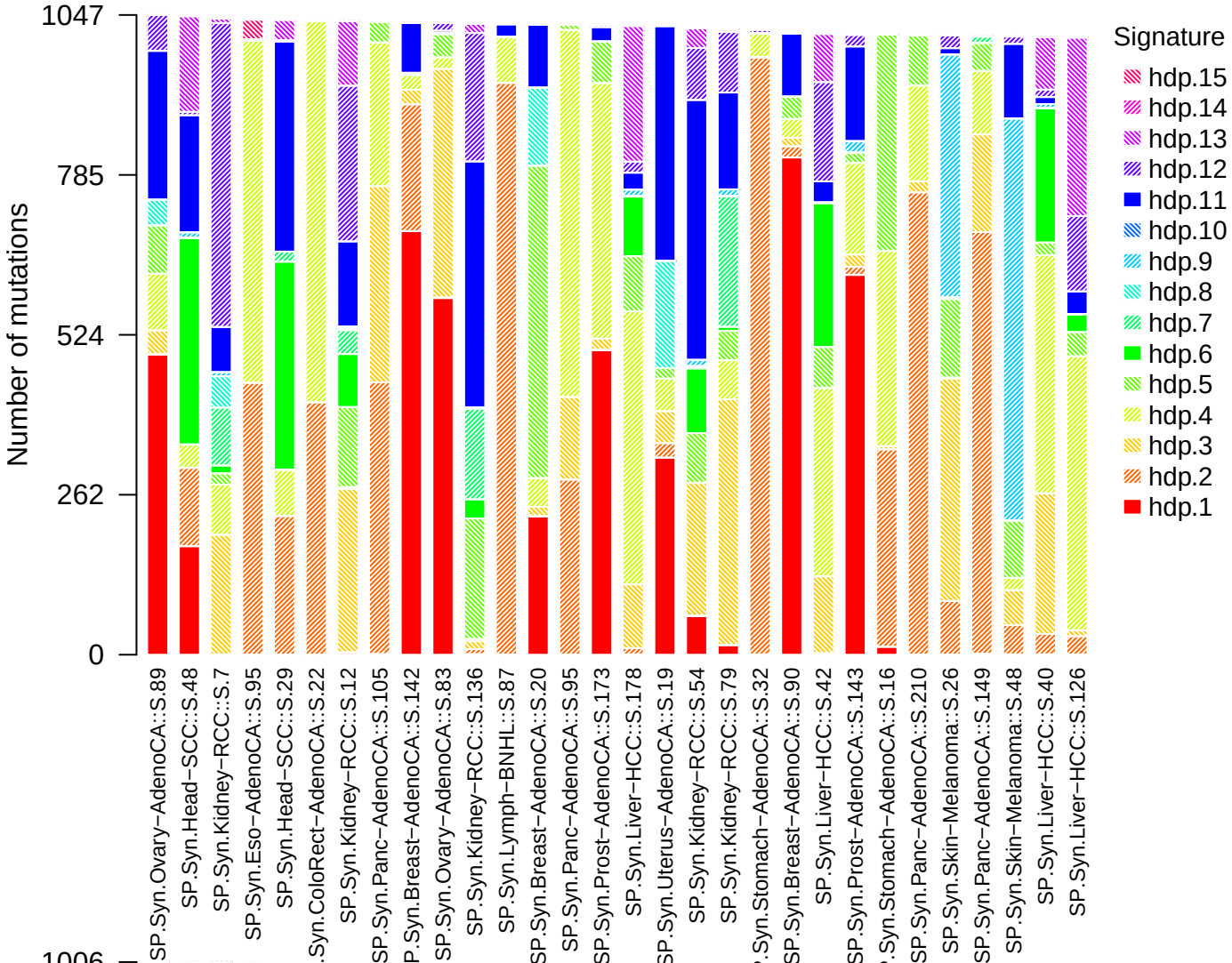

Number of mutations
1419
1064
710
355
0
SP.Syn.Ovary−AdenoCA::S.7
SP.Syn.Lymph−BNHL::S.35
SP.Syn.Prost−AdenoCA::S.145
SP.Syn.Eso−AdenoCA::S.70
SP.Syn.Lymph−BNHL::S.26
.Syn.ColoRect−AdenoCA::S.32
SP.Syn.Biliary−AdenoCA::S.16
SP.Syn.Eso−AdenoCA::S.80
P.Syn.Stomach−AdenoCA::S.6
SP.Syn.Eso−AdenoCA::S.17
.Syn.Stomach−AdenoCA::S.45
P.Syn.Stomach−AdenoCA::S.9
SP.Syn.Skin−Melanoma::S.38
.Syn.Stomach−AdenoCA::S.25
SP.Syn.Panc−AdenoCA::S.164
SP.Syn.Kidney−RCC::S.53
SP.Syn.Panc−AdenoCA::S.56
SP.Syn.Eso−AdenoCA::S.51
SP.Syn.Eso−AdenoCA::S.72
SP.Syn.Lung−AdenoCA::S.3
SP.Syn.Eso−AdenoCA::S.49
P.Syn.Stomach−AdenoCA::S.2
SP.Syn.Lymph−BNHL::S.93
SP.Syn.Ovary−AdenoCA::S.6
SP.Syn.Kidney−RCC::S.116
SP.Syn.Kidney−RCC::S.17
P.Syn.ColoRect−AdenoCA::S.3
SP.Syn.Eso−AdenoCA::S.57
SP.Syn.Kidney−RCC::S.74
SP.Syn.Panc−AdenoCA::S.45
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

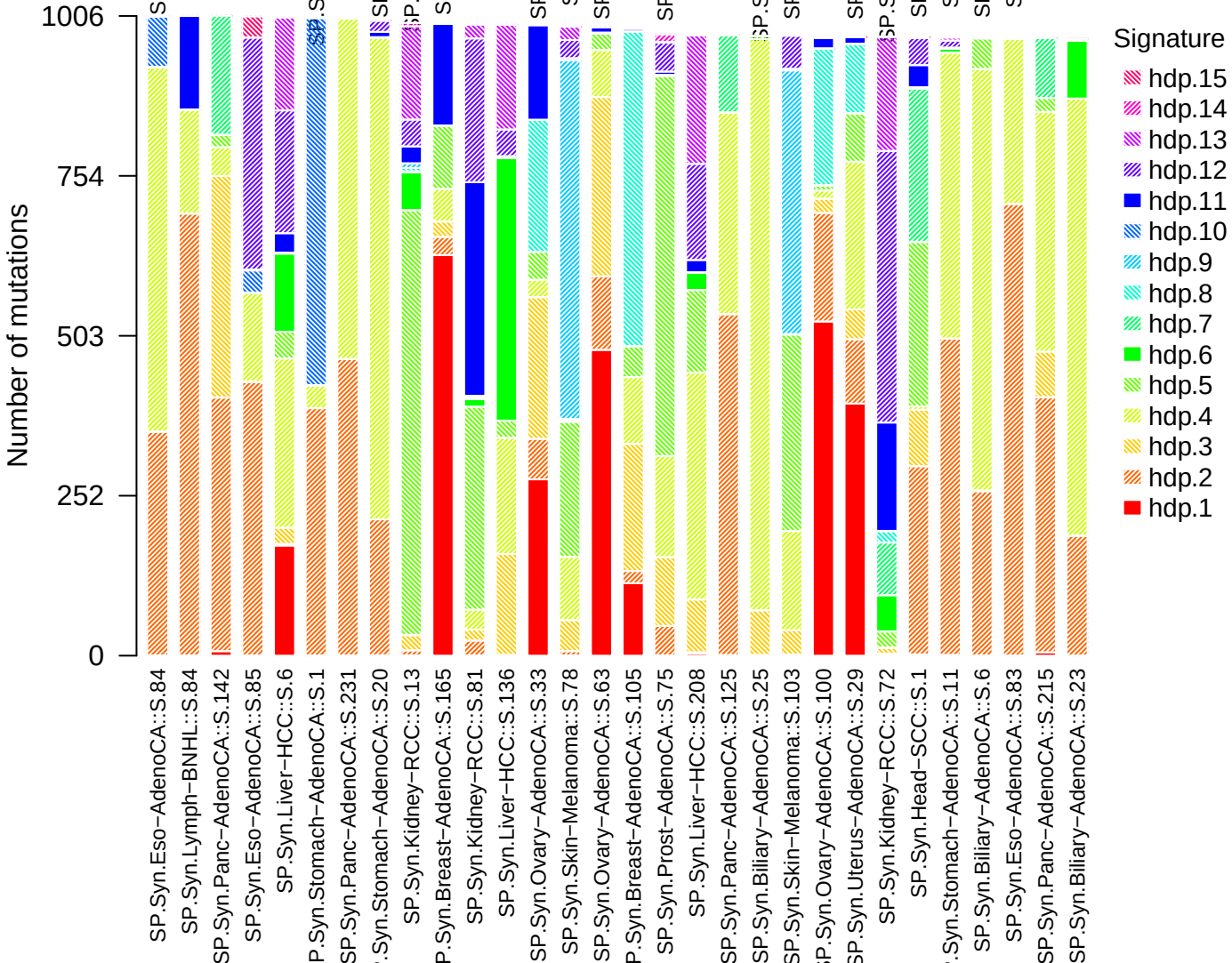

Number of mutations
1340
1005
670
335
0
SP.Syn.Head−SCC::S.45
SP.Syn.Skin−Melanoma::S.42
SP.Syn.Prost−AdenoCA::S.201
SP.Syn.Stomach−AdenoCA::S.26
SP.Syn.ColoRect−AdenoCA::S.31
SP.Syn.Skin−Melanoma::S.13
SP.Syn.Panc−AdenoCA::S.75
SP.Syn.Eso−AdenoCA::S.33
SP.Syn.Eso−AdenoCA::S.65
SP.Syn.Lymph−BNHL::S.62
SP.Syn.Eso−AdenoCA::S.69
SP.Syn.Eso−AdenoCA::S.88
SP.Syn.Liver−HCC::S.48
SP.Syn.Head−SCC::S.32
SP.Syn.Eso−AdenoCA::S.26
SP.Syn.Kidney−RCC::S.57
SP.Syn.Panc−AdenoCA::S.6
SP.Syn.Lymph−BNHL::S.36
SP.Syn.Lymph−BNHL::S.44
SP.Syn.Liver−HCC::S.209
SP.Syn.Lung−AdenoCA::S.27
SP.Syn.Skin−Melanoma::S.61
SP.Syn.Ovary−AdenoCA::S.24
SP.Syn.Panc−AdenoCA::S.107
SP.Syn.Stomach−AdenoCA::S.49
SP.Syn.Lung−AdenoCA::S.31
SP.Syn.Breast−AdenoCA::S.126
SP.Syn.Lung−AdenoCA::S.17
SP.Syn.Head−SCC::S.5
SP.Syn.ColoRect−AdenoCA::S.13
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

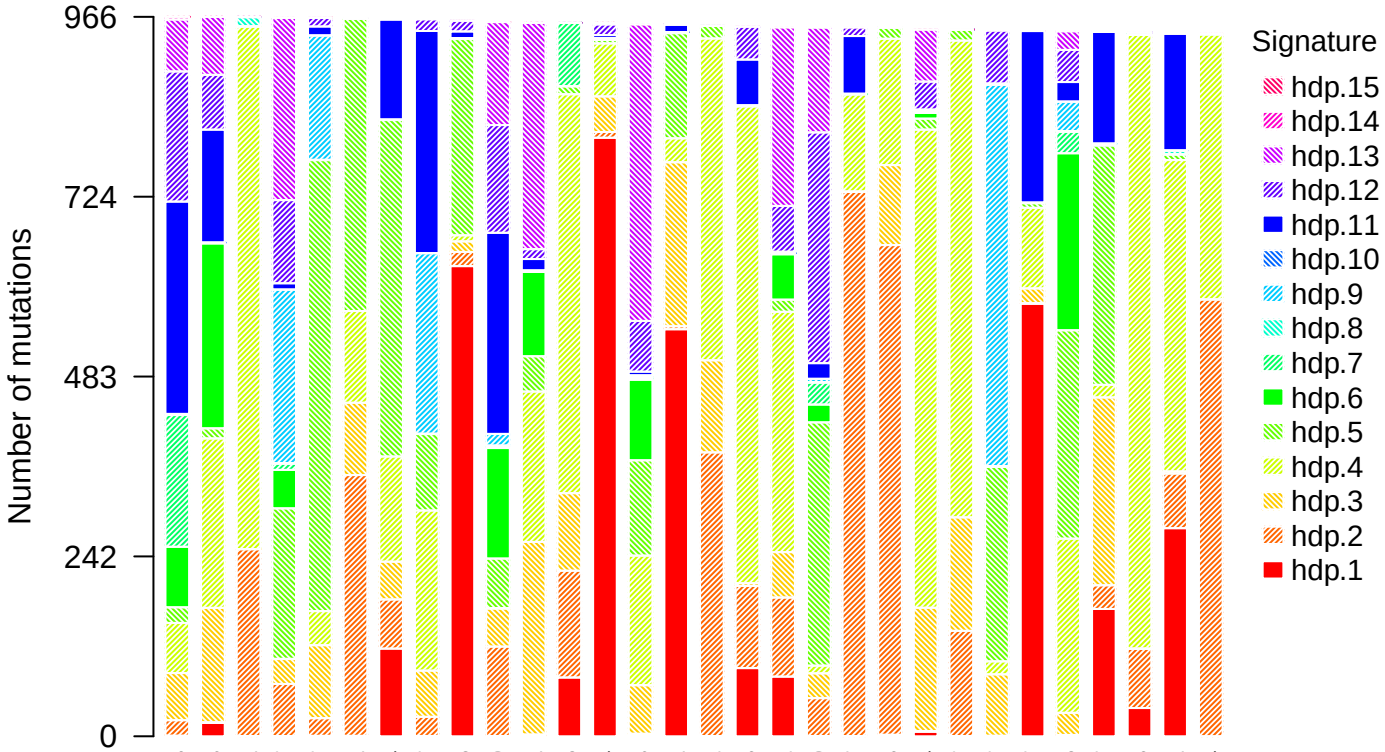

Number of mutations
1237
928
618
309
0
SP.Syn.Stomach−AdenoCA::S.22
SP.Syn.Skin−Melanoma::S.96
SP.Syn.Skin−Melanoma::S.70
SP.Syn.Ovary−AdenoCA::S.78
SP.Syn.Stomach−AdenoCA::S.5
SP.Syn.Prost−AdenoCA::S.187
SP.Syn.Panc−AdenoCA::S.208
SP.Syn.Stomach−AdenoCA::S.28
SP.Syn.Eso−AdenoCA::S.15
SP.Syn.Prost−AdenoCA::S.93
SP.Syn.Head−SCC::S.34
SP.Syn.Kidney−RCC::S.129
SP.Syn.Prost−AdenoCA::S.25
SP.Syn.Eso−AdenoCA::S.74
SP.Syn.Skin−Melanoma::S.77
SP.Syn.Head−SCC::S.20
SP.Syn.Lymph−BNHL::S.101
SP.Syn.Ovary−AdenoCA::S.34
SP.Syn.Kidney−RCC::S.14
SP.Syn.Kidney−RCC::S.42
SP.Syn.Eso−AdenoCA::S.78
SP.Syn.Kidney−RCC::S.48
SP.Syn.Liver−HCC::S.110
SP.Syn.Panc−AdenoCA::S.139
SP.Syn.Stomach−AdenoCA::S.43
SP.Syn.Skin−Melanoma::S.44
SP.Syn.Stomach−AdenoCA::S.33
SP.Syn.Biliary−AdenoCA::S.11
SP.Syn.Liver−HCC::S.206
SP.Syn.Stomach−AdenoCA::S.3
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

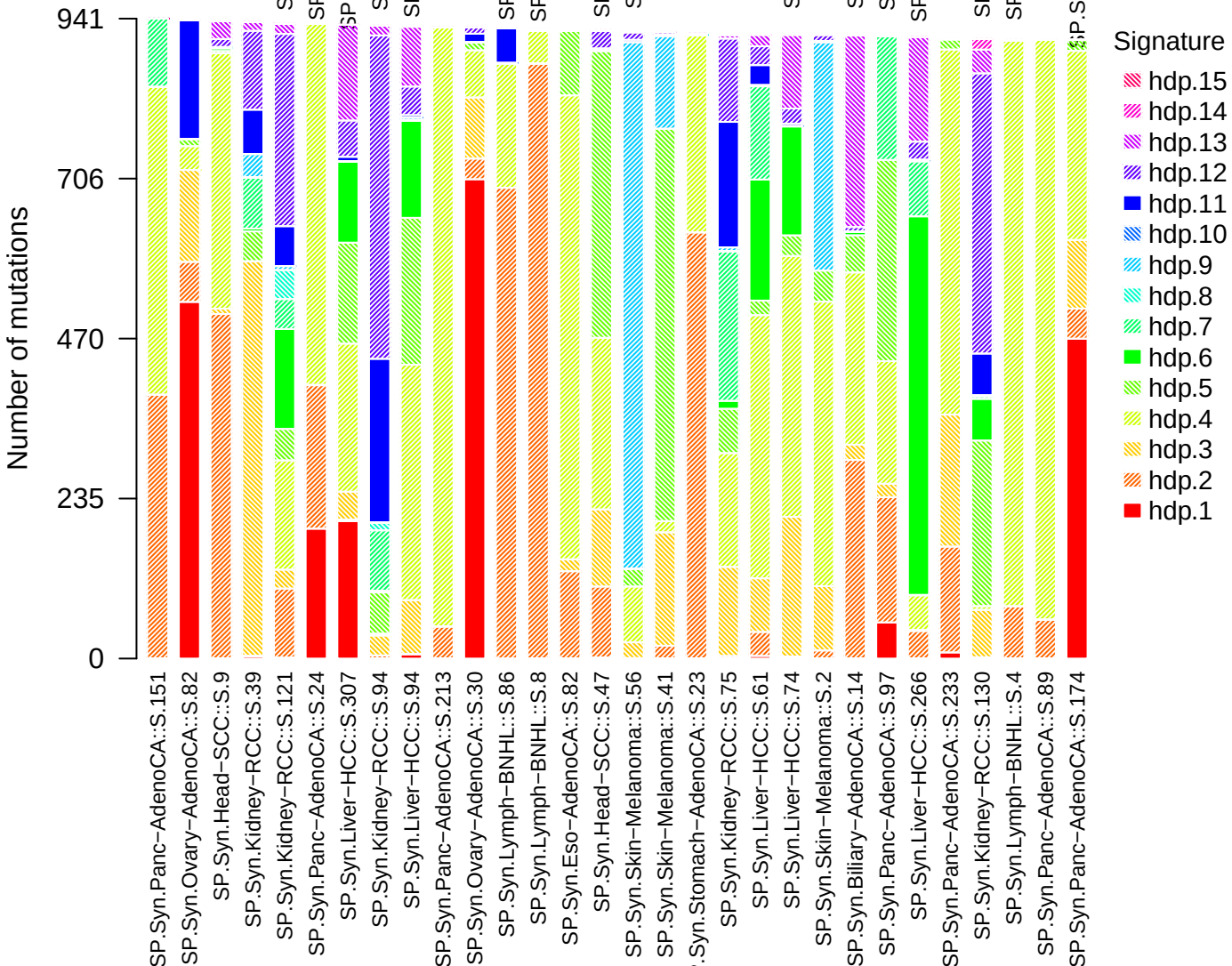

Number of mutations
1155
866
578
289
0
SP.Syn.Lymph−BNHL::S.96
SP.Syn.Panc−AdenoCA::S.35
SP.Syn.Kidney−RCC::S.66
SP.Syn.Lymph−BNHL::S.80
SP.Syn.Panc−AdenoCA::S.176
SP.Syn.Breast−AdenoCA::S.79
SP.Syn.Kidney−RCC::S.137
SP.Syn.Liver−HCC::S.170
SP.Syn.Panc−AdenoCA::S.60
SP.Syn.Skin−Melanoma::S.81
SP.Syn.Liver−HCC::S.269
SP.Syn.Eso−AdenoCA::S.20
SP.Syn.Eso−AdenoCA::S.8
SP.Syn.Kidney−RCC::S.109
SP.Syn.Lung−AdenoCA::S.19
SP.Syn.Kidney−RCC::S.51
SP.Syn.Prost−AdenoCA::S.210
SP.Syn.Skin−Melanoma::S.58
SP.Syn.Breast−AdenoCA::S.12
SP.Syn.Panc−AdenoCA::S.53
SP.Syn.Lymph−BNHL::S.60
SP.Syn.Eso−AdenoCA::S.29
SP.Syn.Kidney−RCC::S.61
SP.Syn.Lymph−BNHL::S.92
SP.Syn.Skin−Melanoma::S.17
SP.Syn.Kidney−RCC::S.6
SP.Syn.Ovary−AdenoCA::S.68
SP.Syn.Liver−HCC::S.98
SP.Syn.Eso−AdenoCA::S.11
SP.Syn.Panc−AdenoCA::S.86
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1


Number of mutations
1103
827
552
276
0
SP.Syn.Head−SCC::S.7
SP.Syn.Kidney−RCC::S.23
SP.Syn.Lung−AdenoCA::S.26
SP.Syn.Prost−AdenoCA::S.39
SP.Syn.Breast−AdenoCA::S.71
SP.Syn.Panc−AdenoCA::S.218
SP.Syn.Skin−Melanoma::S.23
SP.Syn.Head−SCC::S.10
SP.Syn.Panc−AdenoCA::S.51
SP.Syn.Ovary−AdenoCA::S.60
SP.Syn.Breast−AdenoCA::S.134
SP.Syn.ColoRect−AdenoCA::S.8
SP.Syn.Kidney−RCC::S.86
SP.Syn.Prost−AdenoCA::S.41
SP.Syn.Skin−Melanoma::S.86
SP.Syn.Ovary−AdenoCA::S.106
SP.Syn.Skin−Melanoma::S.31
SP.Syn.Prost−AdenoCA::S.157
SP.Syn.Liver−HCC::S.241
SP.Syn.Kidney−RCC::S.24
SP.Syn.Eso−AdenoCA::S.61
SP.Syn.Liver−HCC::S.116
SP.Syn.Kidney−RCC::S.30
SP.Syn.Eso−AdenoCA::S.81
SP.Syn.Eso−AdenoCA::S.56
SP.Syn.Liver−HCC::S.122
SP.Syn.Kidney−RCC::S.60
SP.Syn.Liver−HCC::S.304
SP.Syn.Stomach−AdenoCA::S.36
SP.Syn.Breast−AdenoCA::S.182
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1


Number of mutations
1047
785
524
262
0
SP.Syn.Ovary−AdenoCA::S.89
SP.Syn.Head−SCC::S.48
SP.Syn.Kidney−RCC::S.7
SP.Syn.Eso−AdenoCA::S.95
SP.Syn.Head−SCC::S.29
SP.Syn.ColoRect−AdenoCA::S.22
SP.Syn.Kidney−RCC::S.12
SP.Syn.Panc−AdenoCA::S.105
SP.Syn.Breast−AdenoCA::S.142
SP.Syn.Ovary−AdenoCA::S.83
SP.Syn.Kidney−RCC::S.136
SP.Syn.Lymph−BNHL::S.87
SP.Syn.Breast−AdenoCA::S.20
SP.Syn.Panc−AdenoCA::S.95
SP.Syn.Prost−AdenoCA::S.173
SP.Syn.Liver−HCC::S.178
SP.Syn.Uterus−AdenoCA::S.19
SP.Syn.Kidney−RCC::S.54
SP.Syn.Kidney−RCC::S.79
SP.Syn.Stomach−AdenoCA::S.32
SP.Syn.Breast−AdenoCA::S.90
SP.Syn.Liver−HCC::S.42
SP.Syn.Prost−AdenoCA::S.143
SP.Syn.Stomach−AdenoCA::S.16
SP.Syn.Panc−AdenoCA::S.210
SP.Syn.Skin−Melanoma::S.26
SP.Syn.Panc−AdenoCA::S.149
SP.Syn.Skin−Melanoma::S.48
SP.Syn.Liver−HCC::S.40
SP.Syn.Liver−HCC::S.126
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

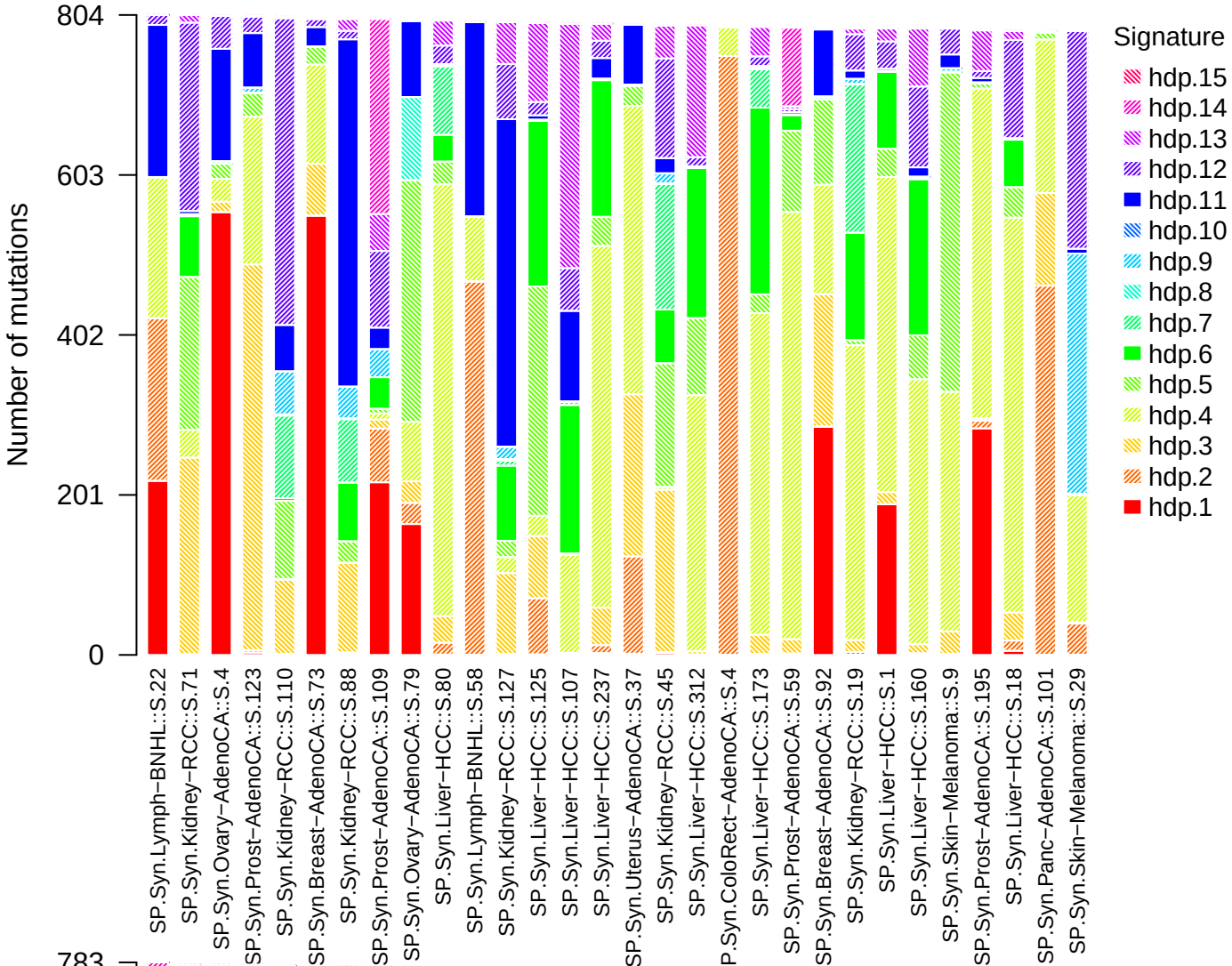

Number of mutations
1006
754
503
252
0
SP.Syn.Eso−AdenoCA::S.84
SP.Syn.Lymph−BNHL::S.84
SP.Syn.Panc−AdenoCA::S.142
SP.Syn.Eso−AdenoCA::S.85
SP.Syn.Liver−HCC::S.6
SP.Syn.Stomach−AdenoCA::S.1
SP.Syn.Panc−AdenoCA::S.231
SP.Syn.Stomach−AdenoCA::S.20
SP.Syn.Kidney−RCC::S.13
SP.Syn.Breast−AdenoCA::S.165
SP.Syn.Kidney−RCC::S.81
SP.Syn.Liver−HCC::S.136
SP.Syn.Ovary−AdenoCA::S.33
SP.Syn.Skin−Melanoma::S.78
SP.Syn.Ovary−AdenoCA::S.63
SP.Syn.Breast−AdenoCA::S.105
SP.Syn.Prost−AdenoCA::S.75
SP.Syn.Liver−HCC::S.208
SP.Syn.Panc−AdenoCA::S.125
SP.Syn.Biliary−AdenoCA::S.25
SP.Syn.Skin−Melanoma::S.103
SP.Syn.Ovary−AdenoCA::S.100
SP.Syn.Uterus−AdenoCA::S.29
SP.Syn.Kidney−RCC::S.72
SP.Syn.Head−SCC::S.1
SP.Syn.Stomach−AdenoCA::S.11
SP.Syn.Biliary−AdenoCA::S.6
SP.Syn.Eso−AdenoCA::S.83
SP.Syn.Panc−AdenoCA::S.215
SP.Syn.Biliary−AdenoCA::S.23
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

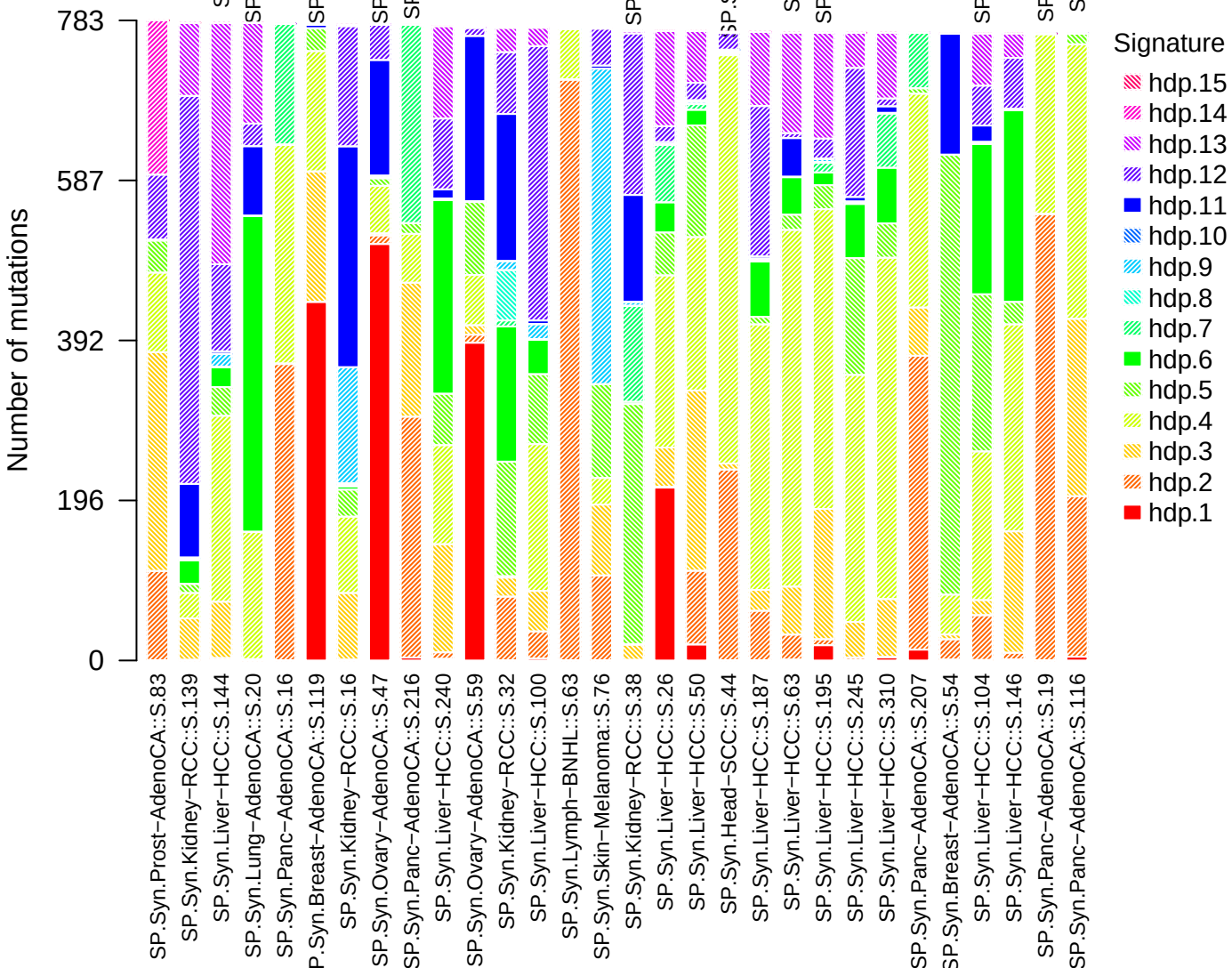

Number of mutations
966
724
483
242
0
SP.Syn.Kidney−RCC::S.128
SP.Syn.Liver−HCC::S.203
SP.Syn.Lymph−BNHL::S.61
SP.Syn.Kidney−RCC::S.67
SP.Syn.Skin−Melanoma::S.57
SP.Syn.Panc−AdenoCA::S.131
SP.Syn.Ovary−AdenoCA::S.104
SP.Syn.Skin−Melanoma::S.97
SP.Syn.Ovary−AdenoCA::S.66
SP.Syn.Kidney−RCC::S.49
SP.Syn.Liver−HCC::S.181
SP.Syn.Panc−AdenoCA::S.106
SP.Syn.Prost−AdenoCA::S.214
SP.Syn.Liver−HCC::S.233
SP.Syn.Ovary−AdenoCA::S.91
SP.Syn.Panc−AdenoCA::S.42
SP.Syn.Lymph−BNHL::S.68
SP.Syn.Head−SCC::S.52
SP.Syn.Kidney−RCC::S.69
SP.Syn.Lymph−BNHL::S.57
SP.Syn.Panc−AdenoCA::S.58
SP.Syn.Liver−HCC::S.24
SP.Syn.Panc−AdenoCA::S.47
SP.Syn.Skin−Melanoma::S.47
SP.Syn.Breast−AdenoCA::S.27
SP.Syn.Kidney−RCC::S.96
SP.Syn.Ovary−AdenoCA::S.27
SP.Syn.Panc−AdenoCA::S.108
SP.Syn.Lymph−BNHL::S.91
SP.Syn.ColoRect−AdenoCA::S.24
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

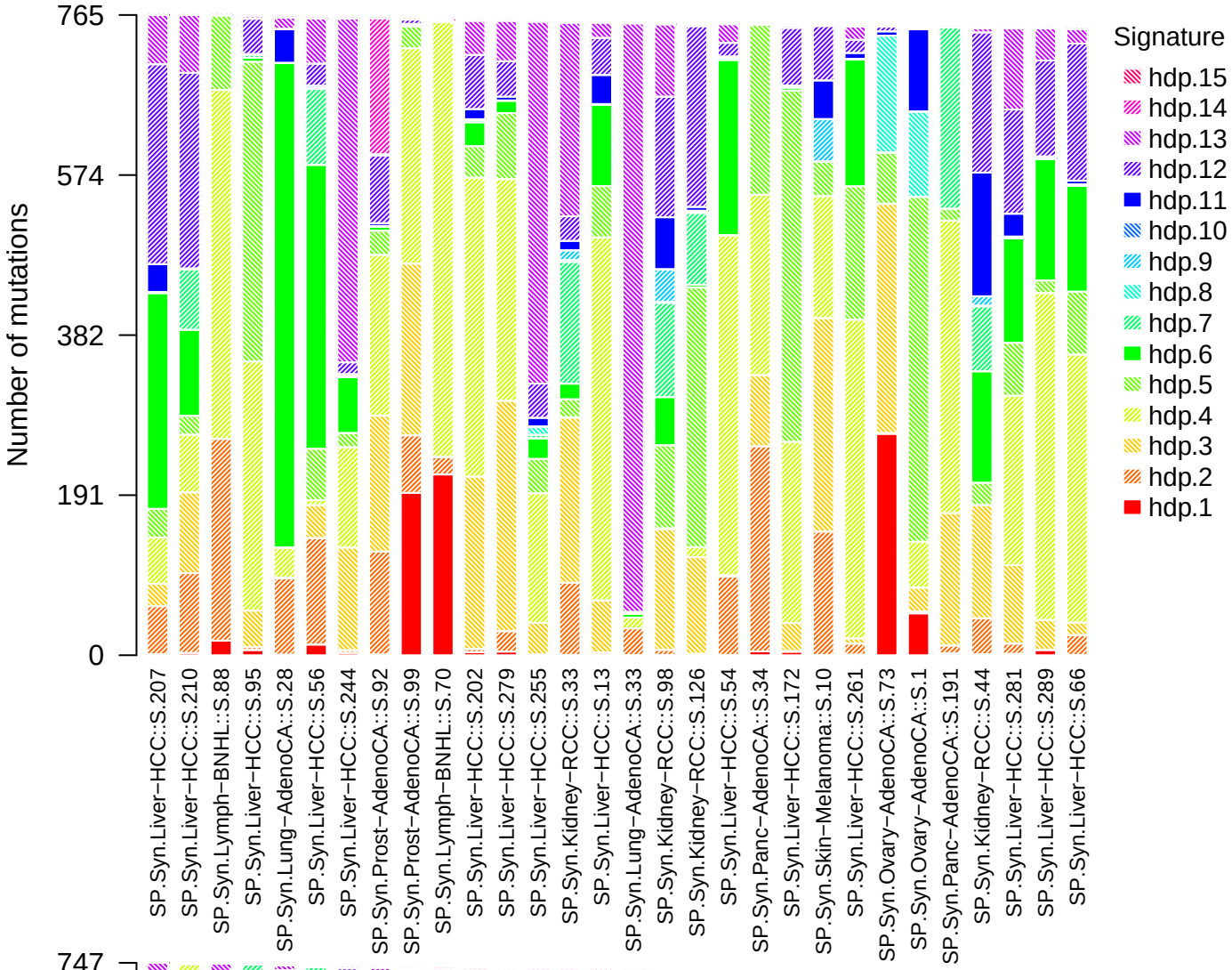

Number of mutations
941
706
470
235
0
SP.Syn.Panc−AdenoCA::S.151
SP.Syn.Ovary−AdenoCA::S.82
SP.Syn.Head−SCC::S.9
SP.Syn.Kidney−RCC::S.39
SP.Syn.Kidney−RCC::S.121
SP.Syn.Panc−AdenoCA::S.24
SP.Syn.Liver−HCC::S.307
SP.Syn.Kidney−RCC::S.94
SP.Syn.Liver−HCC::S.94
SP.Syn.Panc−AdenoCA::S.213
SP.Syn.Ovary−AdenoCA::S.30
SP.Syn.Lymph−BNHL::S.86
SP.Syn.Lymph−BNHL::S.8
SP.Syn.Eso−AdenoCA::S.82
SP.Syn.Head−SCC::S.47
SP.Syn.Skin−Melanoma::S.56
SP.Syn.Skin−Melanoma::S.41
SP.Syn.Stomach−AdenoCA::S.23
SP.Syn.Kidney−RCC::S.75
SP.Syn.Liver−HCC::S.61
SP.Syn.Liver−HCC::S.74
SP.Syn.Skin−Melanoma::S.2
SP.Syn.Biliary−AdenoCA::S.14
SP.Syn.Panc−AdenoCA::S.97
SP.Syn.Liver−HCC::S.266
SP.Syn.Panc−AdenoCA::S.233
SP.Syn.Kidney−RCC::S.130
SP.Syn.Lymph−BNHL::S.4
SP.Syn.Panc−AdenoCA::S.89
SP.Syn.Panc−AdenoCA::S.174
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

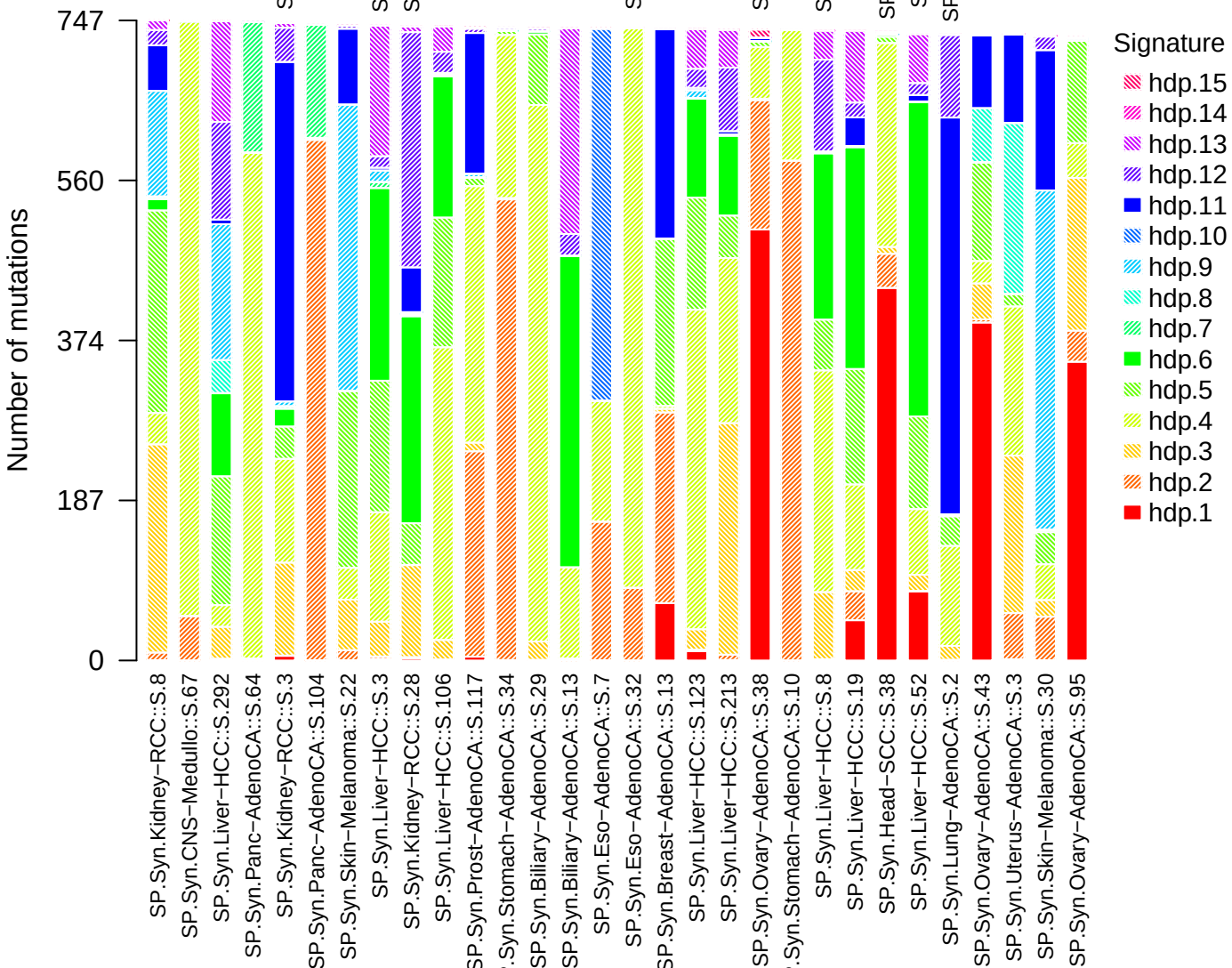
Number of mutations
909
682
454
227
0
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1
SP.Syn.Panc−AdenoCA::S.122
SP.Syn.Skin−Melanoma::S.63
SP.Syn.Skin−Melanoma::S.80
SP.Syn.Liver−HCC::S.4
SP.Syn.Liver−HCC::S.44
SP.Syn.Prost−AdenoCA::S.124
SP.Syn.Panc−AdenoCA::S.166
SP.Syn.Prost−AdenoCA::S.3
SP.Syn.Liver−HCC::S.290
SP.Syn.Kidney−RCC::S.29
SP.Syn.Kidney−RCC::S.125
SP.Syn.Ovary−AdenoCA::S.31
SP.Syn.Panc−AdenoCA::S.152
SP.Syn.Panc−AdenoCA::S.50
SP.Syn.Lymph−BNHL::S.50
SP.Syn.Panc−AdenoCA::S.93
SP.Syn.Kidney−RCC::S.92
SP.Syn.Kidney−RCC::S.21
SP.Syn.Liver−HCC::S.267
SP.Syn.Skin−Melanoma::S.35
SP.Syn.Liver−HCC::S.221
SP.Syn.Panc−AdenoCA::S.143
SP.Syn.Liver−HCC::S.108
SP.Syn.Panc−AdenoCA::S.177
SP.Syn.Kidney−RCC::S.37
SP.Syn.Kidney−RCC::S.104
SP.Syn.Panc−AdenoCA::S.222
SP.Syn.Biliary−AdenoCA::S.28
SP.Syn.Ovary−AdenoCA::S.35
SP.Syn.Skin−Melanoma::S.27
Number of mutations
885
664
442
221
0
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1
SP.Syn.Skin−Melanoma::S.25
SP.Syn.Kidney−RCC::S.52
SP.Syn.Uterus−AdenoCA::S.1
SP.Syn.Liver−HCC::S.58
SP.Syn.Eso−AdenoCA::S.68
SP.Syn.Skin−Melanoma::S.46
SP.Syn.Liver−HCC::S.151
SP.Syn.Panc−AdenoCA::S.129
SP.Syn.Ovary−AdenoCA::S.26
SP.Syn.Skin−Melanoma::S.99
SP.Syn.Kidney−RCC::S.20
.Syn.ColoRect−AdenoCA::S.34
SP.Syn.Liver−HCC::S.188
SP.Syn.Liver−HCC::S.10
SP.Syn.Skin−Melanoma::S.92
SP.Syn.Head−SCC::S.36
SP.Syn.Kidney−RCC::S.117
SP.Syn.Kidney−RCC::S.80
SP.Syn.Kidney−RCC::S.115
SP.Syn.Prost−AdenoCA::S.72
SP.Syn.Panc−AdenoCA::S.226
P.Syn.Breast−AdenoCA::S.130
SP.Syn.Breast−AdenoCA::S.37
SP.Syn.Kidney−RCC::S.101
SP.Syn.Kidney−RCC::S.91
SP.Syn.Liver−HCC::S.247
SP.Syn.Kidney−RCC::S.36
SP.Syn.Prost−AdenoCA::S.211
SP.Syn.Liver−HCC::S.21
SP.Syn.Panc−AdenoCA::S.173

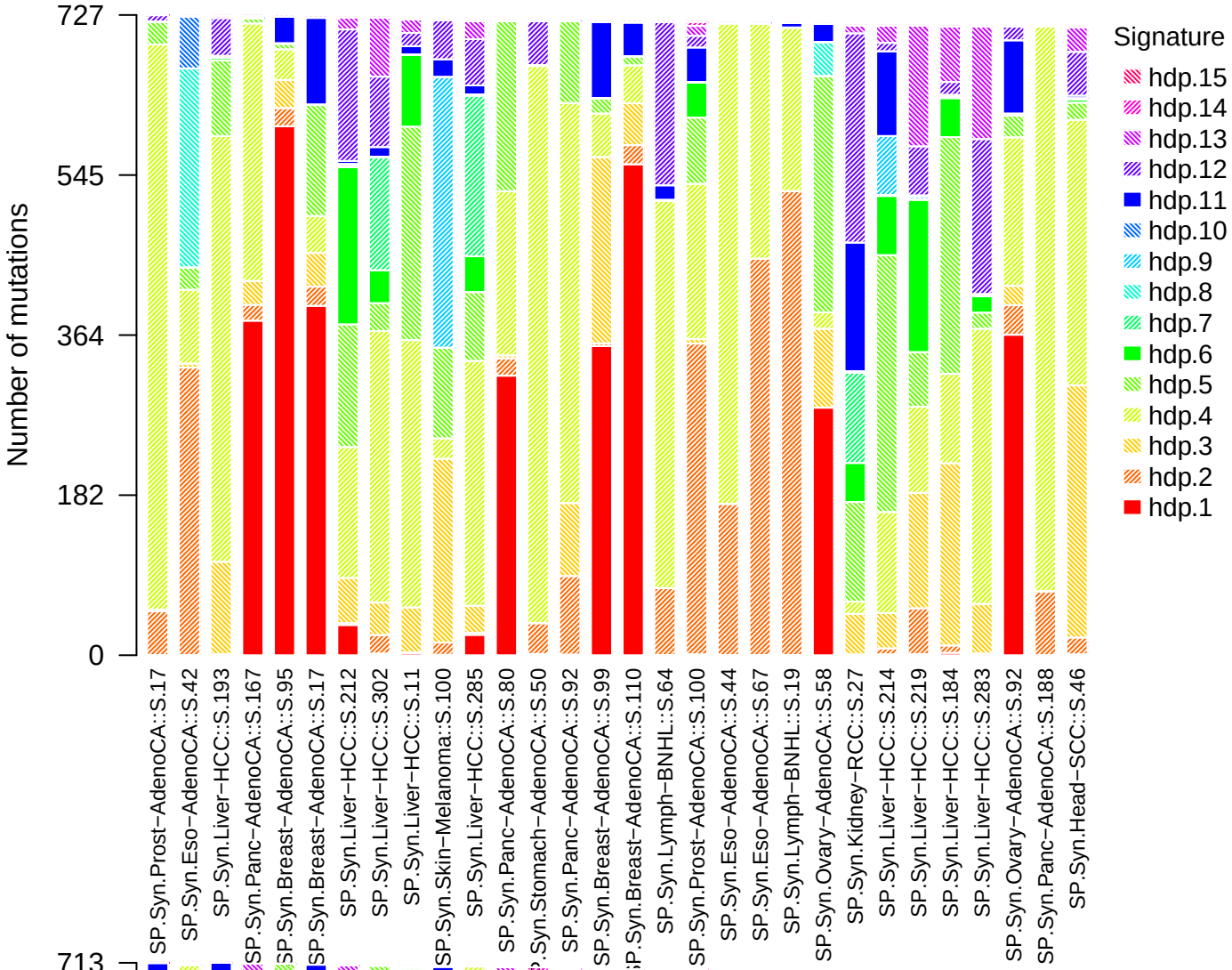
Number of mutations
851
638
426
213
0
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1
SP.Syn.Liver−HCC::S.250
SP.Syn.Stomach−AdenoCA::S.18
SP.Syn.Breast−AdenoCA::S.162
SP.Syn.Kidney−RCC::S.35
SP.Syn.Kidney−RCC::S.58
SP.Syn.Lymph−BNHL::S.11
SP.Syn.Liver−HCC::S.45
SP.Syn.Liver−HCC::S.115
SP.Syn.Skin−Melanoma::S.101
SP.Syn.Lymph−BNHL::S.43
SP.Syn.Ovary−AdenoCA::S.61
SP.Syn.Skin−Melanoma::S.88
SP.Syn.Kidney−RCC::S.76
SP.Syn.Liver−HCC::S.132
SP.Syn.Panc−AdenoCA::S.33
SP.Syn.Breast−AdenoCA::S.169
SP.Syn.Liver−HCC::S.124
SP.Syn.Panc−AdenoCA::S.31
SP.Syn.Kidney−RCC::S.102
SP.Syn.Prost−AdenoCA::S.27
SP.Syn.Kidney−RCC::S.90
SP.Syn.Liver−HCC::S.35
SP.Syn.Liver−HCC::S.282
SP.Syn.Lymph−BNHL::S.39
SP.Syn.Kidney−RCC::S.95
SP.Syn.Lymph−BNHL::S.59
SP.Syn.Liver−HCC::S.201
SP.Syn.Kidney−RCC::S.11
SP.Syn.Breast−AdenoCA::S.26
SP.Syn.Liver−HCC::S.174
Number of mutations
824
618
412
206
0
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1
SP.Syn.Lymph−BNHL::S.47
SP.Syn.Panc−AdenoCA::S.18
SP.Syn.Panc−AdenoCA::S.91
SP.Syn.Prost−AdenoCA::S.15
SP.Syn.Prost−AdenoCA::S.94
SP.Syn.Liver−HCC::S.81
SP.Syn.Lymph−BNHL::S.77
SP.Syn.Panc−AdenoCA::S.141
SP.Syn.Panc−AdenoCA::S.219
SP.Syn.Lymph−BNHL::S.66
SP.Syn.Eso−AdenoCA::S.21
SP.Syn.Kidney−RCC::S.138
SP.Syn.Panc−AdenoCA::S.183
SP.Syn.Panc−AdenoCA::S.39
SP.Syn.Skin−Melanoma::S.21
SP.Syn.Skin−Melanoma::S.69
SP.Syn.Breast−AdenoCA::S.190
SP.Syn.Liver−HCC::S.262
SP.Syn.Panc−AdenoCA::S.102
SP.Syn.Panc−AdenoCA::S.3
SP.Syn.Breast−AdenoCA::S.7
SP.Syn.Liver−HCC::S.22
SP.Syn.Breast−AdenoCA::S.9
SP.Syn.Stomach−AdenoCA::S.31
SP.Syn.Lymph−BNHL::S.103
SP.Syn.Panc−AdenoCA::S.110
SP.Syn.Liver−HCC::S.157
SP.Syn.Lung−AdenoCA::S.9
SP.Syn.Liver−HCC::S.62
SP.Syn.Liver−HCC::S.84

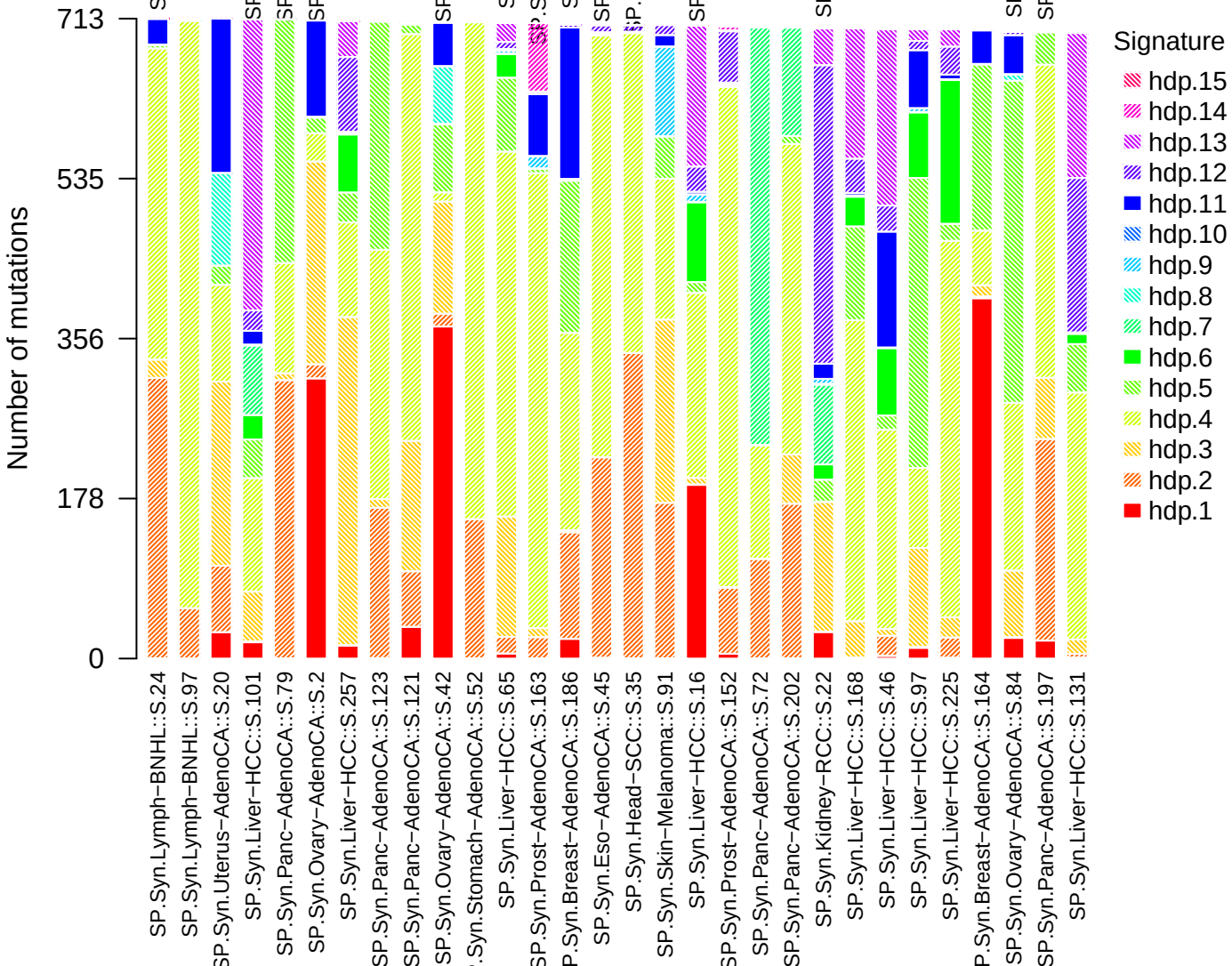

Number of mutations
804
603
402
201
0
SP.Syn.Lymph−BNHL::S.22
SP.Syn.Kidney−RCC::S.71
SP.Syn.Ovary−AdenoCA::S.4
SP.Syn.Prost−AdenoCA::S.123
SP.Syn.Kidney−RCC::S.110
SP.Syn.Breast−AdenoCA::S.73
SP.Syn.Kidney−RCC::S.88
SP.Syn.Prost−AdenoCA::S.109
SP.Syn.Ovary−AdenoCA::S.79
SP.Syn.Liver−HCC::S.80
SP.Syn.Lymph−BNHL::S.58
SP.Syn.Kidney−RCC::S.127
SP.Syn.Liver−HCC::S.125
SP.Syn.Liver−HCC::S.107
SP.Syn.Liver−HCC::S.237
SP.Syn.Uterus−AdenoCA::S.37
SP.Syn.Kidney−RCC::S.45
SP.Syn.Liver−HCC::S.312
SP.Syn.ColoRect−AdenoCA::S.4
SP.Syn.Liver−HCC::S.173
SP.Syn.Prost−AdenoCA::S.59
SP.Syn.Breast−AdenoCA::S.92
SP.Syn.Kidney−RCC::S.19
SP.Syn.Liver−HCC::S.1
SP.Syn.Liver−HCC::S.160
SP.Syn.Skin−Melanoma::S.9
SP.Syn.Prost−AdenoCA::S.195
SP.Syn.Liver−HCC::S.18
SP.Syn.Panc−AdenoCA::S.101
SP.Syn.Skin−Melanoma::S.29
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

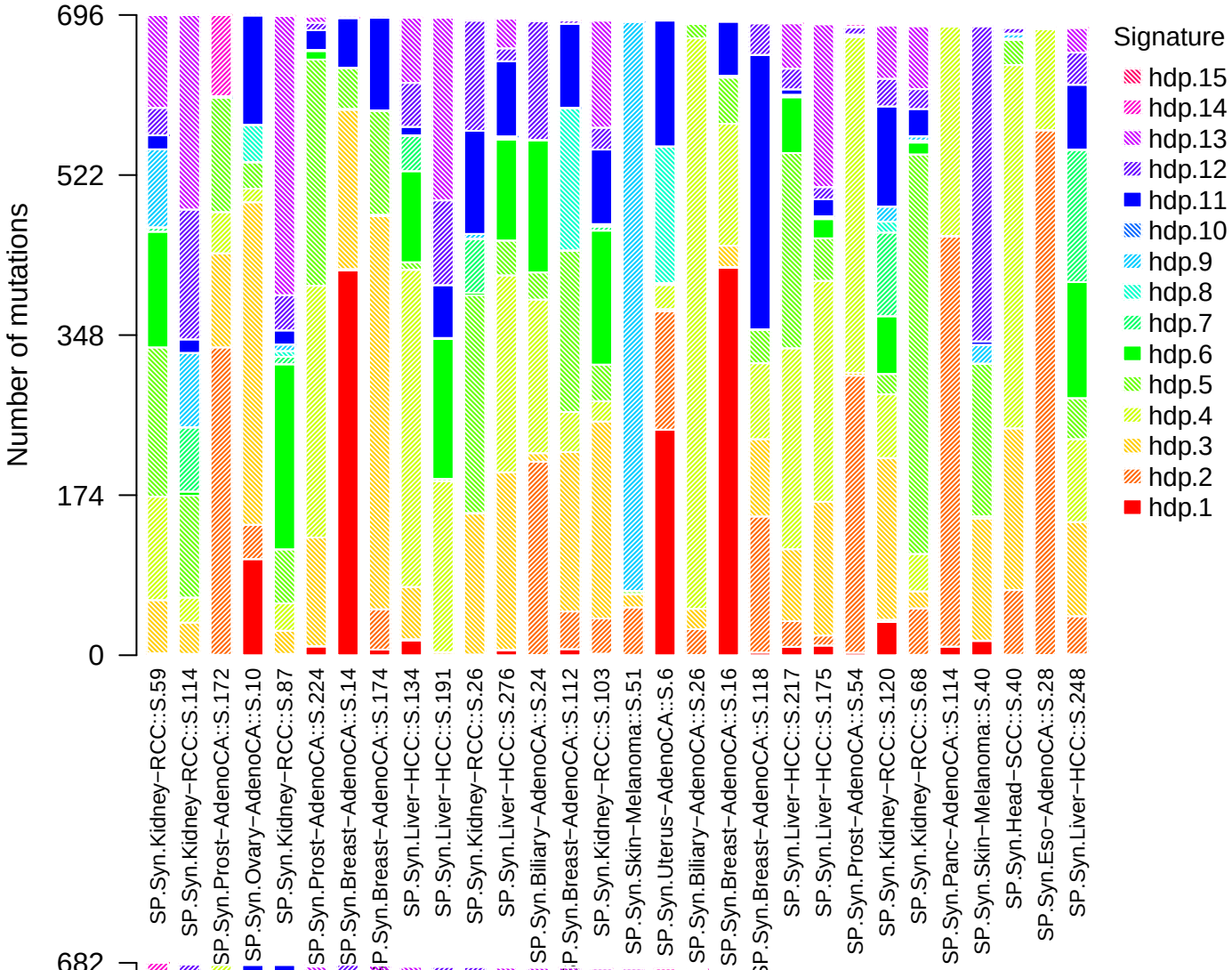

Number of mutations
783
587
392
196
0
SP.Syn.Prost−AdenoCA::S.83
SP.Syn.Kidney−RCC::S.139
SP.Syn.Liver−HCC::S.144
SP.Syn.Lung−AdenoCA::S.20
SP.Syn.Panc−AdenoCA::S.16
SP.Syn.Breast−AdenoCA::S.119
SP.Syn.Kidney−RCC::S.16
SP.Syn.Ovary−AdenoCA::S.47
SP.Syn.Panc−AdenoCA::S.216
SP.Syn.Liver−HCC::S.240
SP.Syn.Ovary−AdenoCA::S.59
SP.Syn.Kidney−RCC::S.32
SP.Syn.Liver−HCC::S.100
SP.Syn.Lymph−BNHL::S.63
SP.Syn.Skin−Melanoma::S.76
SP.Syn.Kidney−RCC::S.38
SP.Syn.Liver−HCC::S.26
SP.Syn.Liver−HCC::S.50
SP.Syn.Head−SCC::S.44
SP.Syn.Liver−HCC::S.187
SP.Syn.Liver−HCC::S.63
SP.Syn.Liver−HCC::S.195
SP.Syn.Liver−HCC::S.245
SP.Syn.Liver−HCC::S.310
SP.Syn.Panc−AdenoCA::S.207
SP.Syn.Breast−AdenoCA::S.54
SP.Syn.Liver−HCC::S.104
SP.Syn.Liver−HCC::S.146
SP.Syn.Panc−AdenoCA::S.19
SP.Syn.Panc−AdenoCA::S.116
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

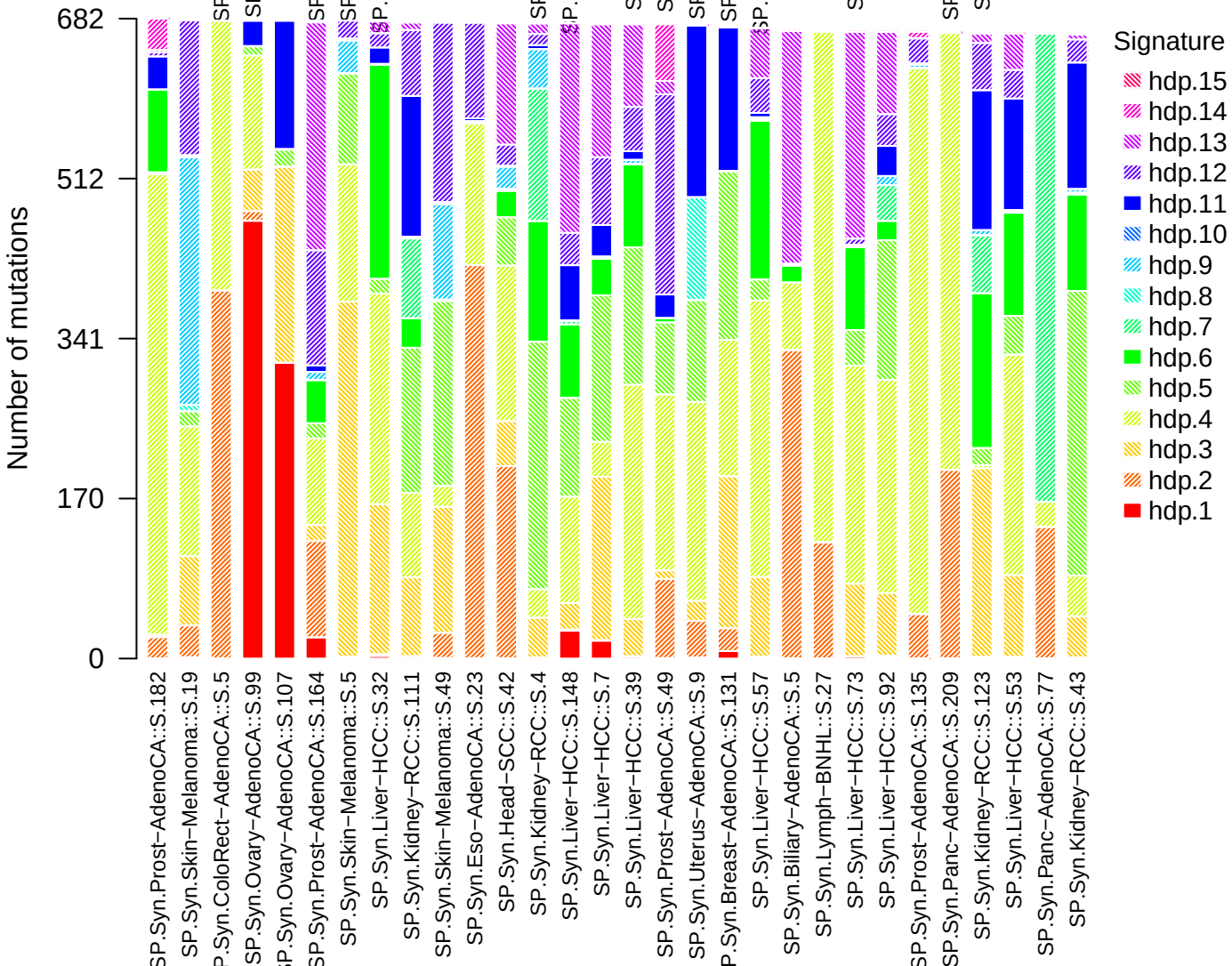

Number of mutations
765
574
382
191
0
SP.Syn.Liver−HCC::S.207
SP.Syn.Liver−HCC::S.210
SP.Syn.Lymph−BNHL::S.88
SP.Syn.Liver−HCC::S.95
SP.Syn.Lung−AdenoCA::S.28
SP.Syn.Liver−HCC::S.56
SP.Syn.Liver−HCC::S.244
SP.Syn.Prost−AdenoCA::S.92
SP.Syn.Prost−AdenoCA::S.99
SP.Syn.Lymph−BNHL::S.70
SP.Syn.Liver−HCC::S.202
SP.Syn.Liver−HCC::S.279
SP.Syn.Liver−HCC::S.255
SP.Syn.Kidney−RCC::S.33
SP.Syn.Liver−HCC::S.13
SP.Syn.Lung−AdenoCA::S.33
SP.Syn.Kidney−RCC::S.98
SP.Syn.Kidney−RCC::S.126
SP.Syn.Liver−HCC::S.54
SP.Syn.Panc−AdenoCA::S.34
SP.Syn.Liver−HCC::S.172
SP.Syn.Skin−Melanoma::S.10
SP.Syn.Liver−HCC::S.261
SP.Syn.Ovary−AdenoCA::S.73
SP.Syn.Ovary−AdenoCA::S.1
SP.Syn.Panc−AdenoCA::S.191
SP.Syn.Kidney−RCC::S.44
SP.Syn.Liver−HCC::S.281
SP.Syn.Liver−HCC::S.289
SP.Syn.Liver−HCC::S.66
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1


Number of mutations
747
560
374
187
0
SP.Syn.Kidney−RCC::S.8
SP.Syn.CNS−Medullo::S.67
SP.Syn.Liver−HCC::S.292
SP.Syn.Panc−AdenoCA::S.64
SP.Syn.Kidney−RCC::S.3
SP.Syn.Panc−AdenoCA::S.104
SP.Syn.Skin−Melanoma::S.22
SP.Syn.Liver−HCC::S.3
SP.Syn.Kidney−RCC::S.28
SP.Syn.Liver−HCC::S.106
SP.Syn.Prost−AdenoCA::S.117
.Syn.Stomach−AdenoCA::S.34
SP.Syn.Biliary−AdenoCA::S.29
SP.Syn.Biliary−AdenoCA::S.13
SP.Syn.Eso−AdenoCA::S.7
SP.Syn.Eso−AdenoCA::S.32
SP.Syn.Breast−AdenoCA::S.13
SP.Syn.Liver−HCC::S.123
SP.Syn.Liver−HCC::S.213
SP.Syn.Ovary−AdenoCA::S.38
.Syn.Stomach−AdenoCA::S.10
SP.Syn.Liver−HCC::S.8
SP.Syn.Liver−HCC::S.19
SP.Syn.Head−SCC::S.38
SP.Syn.Liver−HCC::S.52
SP.Syn.Lung−AdenoCA::S.2
SP.Syn.Ovary−AdenoCA::S.43
SP.Syn.Uterus−AdenoCA::S.3
SP.Syn.Skin−Melanoma::S.30
SP.Syn.Ovary−AdenoCA::S.95
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1


Number of mutations
727
545
364
182
0
SP.Syn.Prost−AdenoCA::S.17
SP.Syn.Eso−AdenoCA::S.42
SP.Syn.Liver−HCC::S.193
SP.Syn.Panc−AdenoCA::S.167
SP.Syn.Breast−AdenoCA::S.95
SP.Syn.Breast−AdenoCA::S.17
SP.Syn.Liver−HCC::S.212
SP.Syn.Liver−HCC::S.302
SP.Syn.Liver−HCC::S.11
SP.Syn.Skin−Melanoma::S.100
SP.Syn.Liver−HCC::S.285
SP.Syn.Panc−AdenoCA::S.80
SP.Syn.Stomach−AdenoCA::S.50
SP.Syn.Panc−AdenoCA::S.92
SP.Syn.Breast−AdenoCA::S.99
SP.Syn.Breast−AdenoCA::S.110
SP.Syn.Lymph−BNHL::S.64
SP.Syn.Prost−AdenoCA::S.100
SP.Syn.Eso−AdenoCA::S.44
SP.Syn.Eso−AdenoCA::S.67
SP.Syn.Lymph−BNHL::S.19
SP.Syn.Ovary−AdenoCA::S.58
SP.Syn.Kidney−RCC::S.27
SP.Syn.Liver−HCC::S.214
SP.Syn.Liver−HCC::S.219
SP.Syn.Liver−HCC::S.184
SP.Syn.Liver−HCC::S.283
SP.Syn.Ovary−AdenoCA::S.92
SP.Syn.Panc−AdenoCA::S.188
SP.Syn.Head−SCC::S.46
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

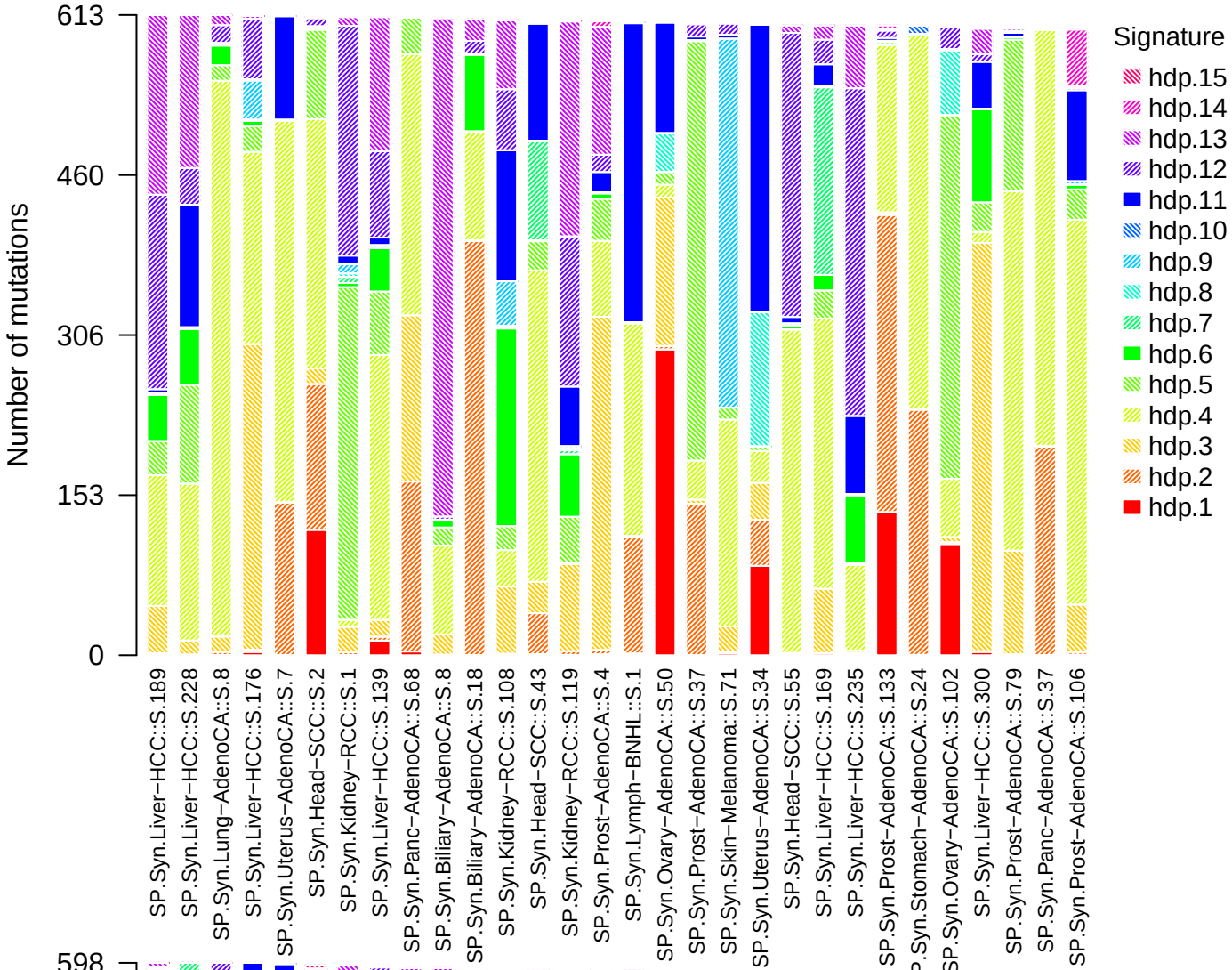

Number of mutations
713
535
356
178
0
SP.Syn.Lymph−BNHL::S.24
SP.Syn.Lymph−BNHL::S.97
SP.Syn.Uterus−AdenoCA::S.20
SP.Syn.Liver−HCC::S.101
SP.Syn.Panc−AdenoCA::S.79
SP.Syn.Ovary−AdenoCA::S.2
SP.Syn.Liver−HCC::S.257
SP.Syn.Panc−AdenoCA::S.123
SP.Syn.Panc−AdenoCA::S.121
SP.Syn.Ovary−AdenoCA::S.42
SP.Syn.Stomach−AdenoCA::S.52
SP.Syn.Liver−HCC::S.65
SP.Syn.Prost−AdenoCA::S.163
SP.Syn.Breast−AdenoCA::S.186
SP.Syn.Eso−AdenoCA::S.45
SP.Syn.Head−SCC::S.35
SP.Syn.Skin−Melanoma::S.91
SP.Syn.Liver−HCC::S.16
SP.Syn.Prost−AdenoCA::S.152
SP.Syn.Panc−AdenoCA::S.72
SP.Syn.Panc−AdenoCA::S.202
SP.Syn.Kidney−RCC::S.22
SP.Syn.Liver−HCC::S.168
SP.Syn.Liver−HCC::S.46
SP.Syn.Liver−HCC::S.97
SP.Syn.Liver−HCC::S.225
SP.Syn.Breast−AdenoCA::S.164
SP.Syn.Ovary−AdenoCA::S.84
SP.Syn.Panc−AdenoCA::S.197
SP.Syn.Liver−HCC::S.131
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

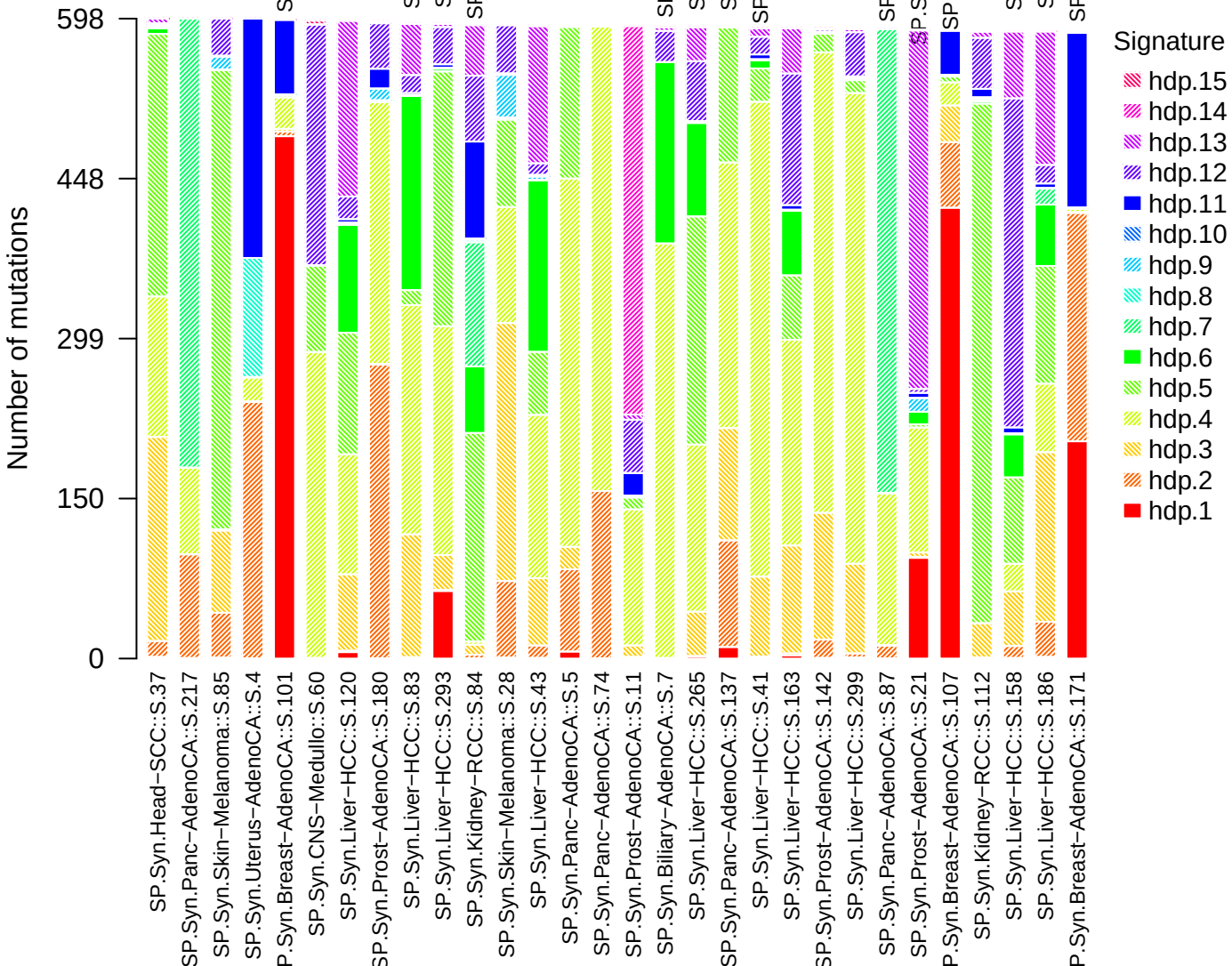

Number of mutations
696
522
348
174
0
SP.Syn.Kidney−RCC::S.59
SP.Syn.Kidney−RCC::S.114
SP.Syn.Prost−AdenoCA::S.172
SP.Syn.Ovary−AdenoCA::S.10
SP.Syn.Kidney−RCC::S.87
SP.Syn.Prost−AdenoCA::S.224
SP.Syn.Breast−AdenoCA::S.14
SP.Syn.Breast−AdenoCA::S.174
SP.Syn.Liver−HCC::S.134
SP.Syn.Liver−HCC::S.191
SP.Syn.Kidney−RCC::S.26
SP.Syn.Liver−HCC::S.276
SP.Syn.Biliary−AdenoCA::S.24
SP.Syn.Breast−AdenoCA::S.112
SP.Syn.Kidney−RCC::S.103
SP.Syn.Skin−Melanoma::S.51
SP.Syn.Uterus−AdenoCA::S.6
SP.Syn.Biliary−AdenoCA::S.26
SP.Syn.Breast−AdenoCA::S.16
SP.Syn.Breast−AdenoCA::S.118
SP.Syn.Liver−HCC::S.217
SP.Syn.Liver−HCC::S.175
SP.Syn.Prost−AdenoCA::S.54
SP.Syn.Kidney−RCC::S.120
SP.Syn.Kidney−RCC::S.68
SP.Syn.Panc−AdenoCA::S.114
SP.Syn.Skin−Melanoma::S.40
SP.Syn.Head−SCC::S.40
SP.Syn.Eso−AdenoCA::S.28
SP.Syn.Liver−HCC::S.248
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

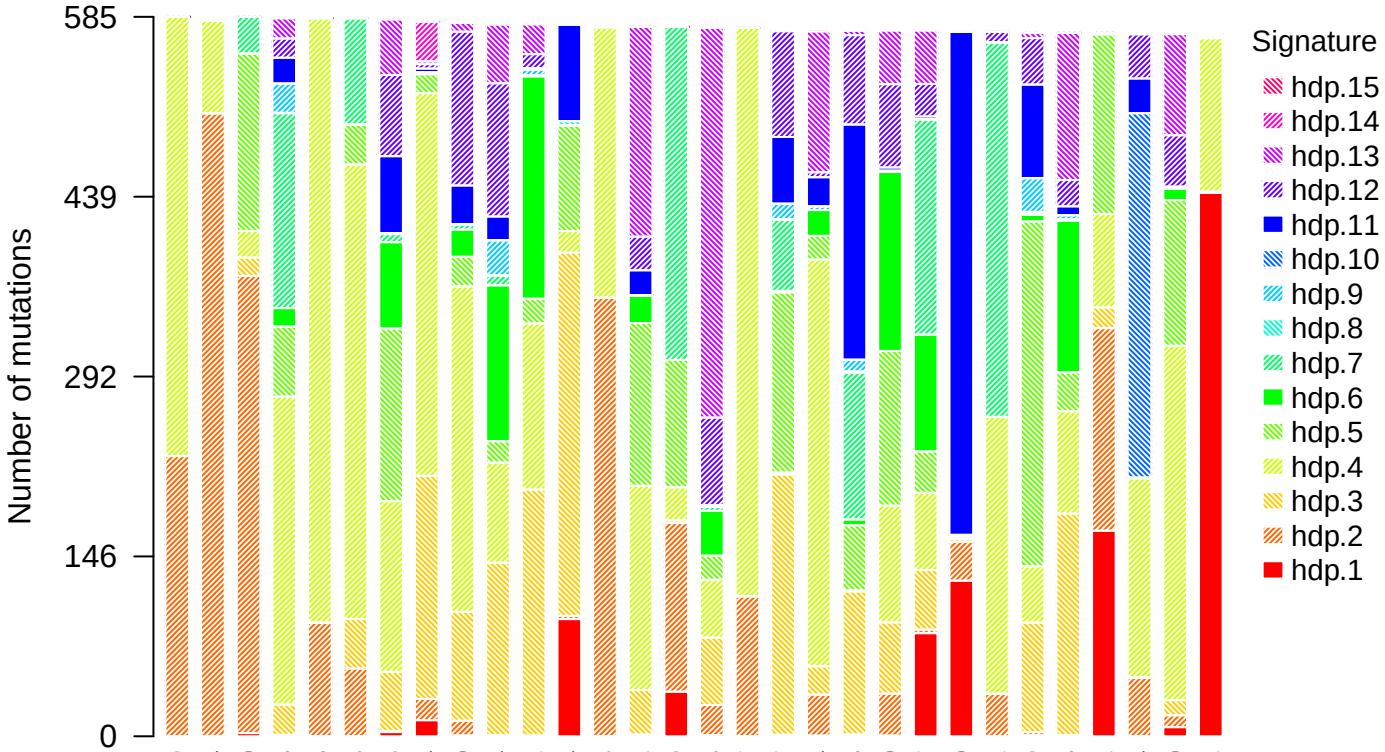

Number of mutations
682
512
341
170
0
SP.Syn.Prost−AdenoCA::S.182
SP.Syn.Skin−Melanoma::S.19
SP.Syn.ColoRect−AdenoCA::S.5
SP.Syn.Ovary−AdenoCA::S.99
SP.Syn.Ovary−AdenoCA::S.107
SP.Syn.Prost−AdenoCA::S.164
SP.Syn.Skin−Melanoma::S.5
SP.Syn.Liver−HCC::S.32
SP.Syn.Kidney−RCC::S.111
SP.Syn.Skin−Melanoma::S.49
SP.Syn.Eso−AdenoCA::S.23
SP.Syn.Head−SCC::S.42
SP.Syn.Kidney−RCC::S.4
SP.Syn.Liver−HCC::S.148
SP.Syn.Liver−HCC::S.7
SP.Syn.Liver−HCC::S.39
SP.Syn.Prost−AdenoCA::S.49
SP.Syn.Uterus−AdenoCA::S.9
SP.Syn.Breast−AdenoCA::S.131
SP.Syn.Liver−HCC::S.57
SP.Syn.Biliary−AdenoCA::S.5
SP.Syn.Lymph−BNHL::S.27
SP.Syn.Liver−HCC::S.73
SP.Syn.Liver−HCC::S.92
SP.Syn.Prost−AdenoCA::S.135
SP.Syn.Panc−AdenoCA::S.209
SP.Syn.Kidney−RCC::S.123
SP.Syn.Liver−HCC::S.53
SP.Syn.Panc−AdenoCA::S.77
SP.Syn.Kidney−RCC::S.43
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

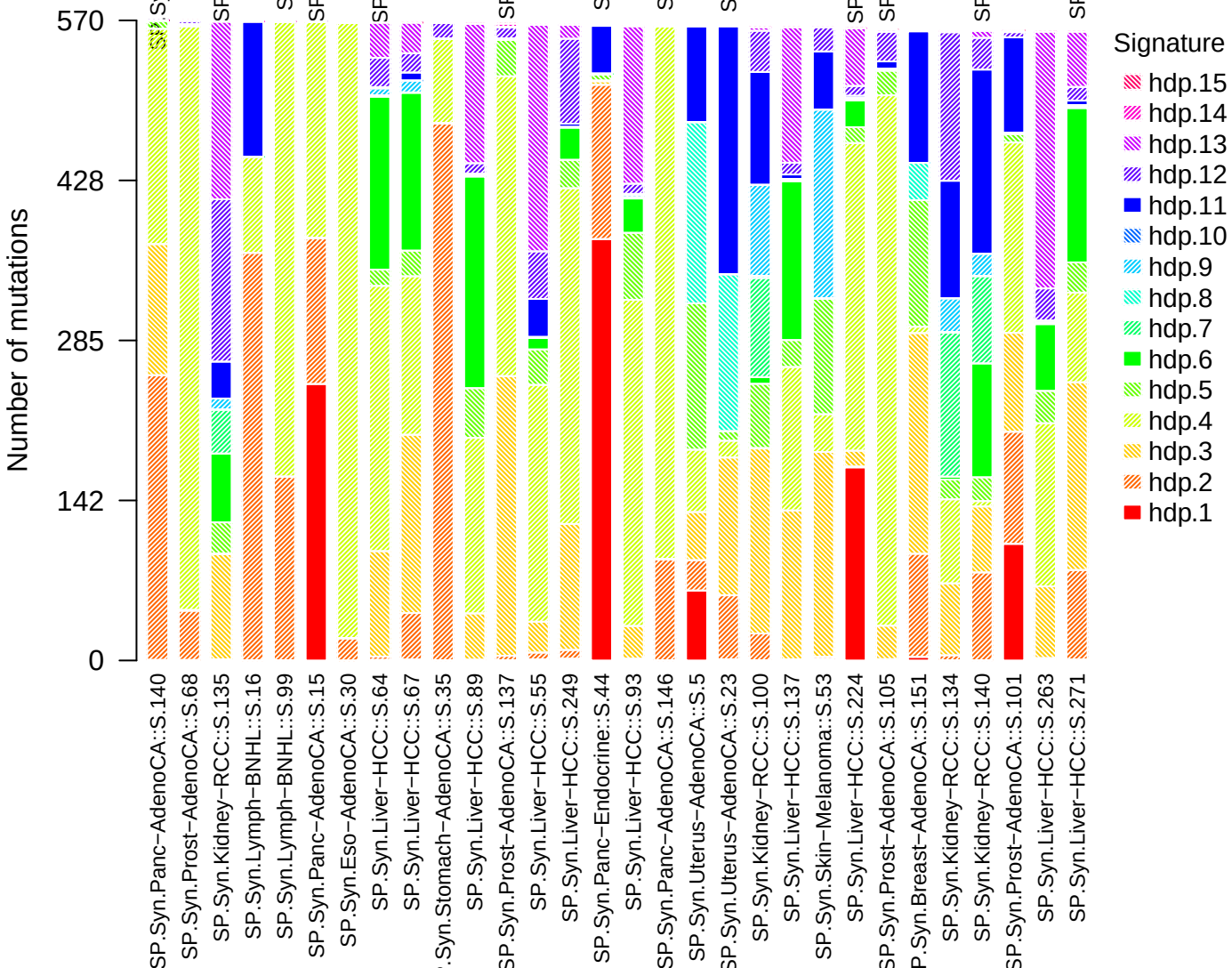
Number of mutations
665
499
332
166
0
SP.Syn.Ovary−AdenoCA::S.85
SP.Syn.Head−SCC::S.17
SP.Syn.Skin−Melanoma::S.7
SP.Syn.Head−SCC::S.31
SP.Syn.Liver−HCC::S.308
SP.Syn.Ovary−AdenoCA::S.28
SP.Syn.Eso−AdenoCA::S.96
SP.Syn.Kidney−RCC::S.40
SP.Syn.Skin−Melanoma::S.11
SP.Syn.Liver−HCC::S.68
SP.Syn.Prost−AdenoCA::S.16
SP.Syn.Skin−Melanoma::S.65
SP.Syn.ColoRect−AdenoCA::S.28
SP.Syn.Breast−AdenoCA::S.28
SP.Syn.ColoRect−AdenoCA::S.23
SP.Syn.Liver−HCC::S.204
SP.Syn.Liver−HCC::S.264
SP.Syn.Panc−AdenoCA::S.134
SP.Syn.Panc−AdenoCA::S.117
SP.Syn.Uterus−AdenoCA::S.16
SP.Syn.Liver−HCC::S.114
SP.Syn.Liver−HCC::S.246
SP.Syn.Liver−HCC::S.258
SP.Syn.Liver−HCC::S.99
SP.Syn.Liver−HCC::S.135
SP.Syn.Panc−AdenoCA::S.228
SP.Syn.Skin−Melanoma::S.14
SP.Syn.Skin−Melanoma::S.16
SP.Syn.Skin−Melanoma::S.43
SP.Syn.Liver−HCC::S.121
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1
Number of mutations
651
488
326
163
0
SP.Syn.Head−SCC::S.41
SP.Syn.Liver−HCC::S.155
SP.Syn.Skin−Melanoma::S.84
SP.Syn.Kidney−RCC::S.5
SP.Syn.Liver−HCC::S.298
SP.Syn.Uterus−AdenoCA::S.11
SP.Syn.Panc−AdenoCA::S.94
SP.Syn.Uterus−AdenoCA::S.12
SP.Syn.Breast−AdenoCA::S.32
SP.Syn.Kidney−RCC::S.77
SP.Syn.Liver−HCC::S.140
SP.Syn.Liver−HCC::S.301
SP.Syn.Kidney−RCC::S.15
SP.Syn.Liver−HCC::S.15
SP.Syn.Liver−HCC::S.227
SP.Syn.Liver−HCC::S.29
SP.Syn.Panc−AdenoCA::S.158
SP.Syn.Prost−AdenoCA::S.43
SP.Syn.Liver−HCC::S.179
SP.Syn.Panc−AdenoCA::S.20
SP.Syn.Prost−AdenoCA::S.61
SP.Syn.Panc−AdenoCA::S.111
SP.Syn.Breast−AdenoCA::S.166
SP.Syn.Head−SCC::S.18
SP.Syn.Stomach−AdenoCA::S.29
SP.Syn.Liver−HCC::S.59
SP.Syn.Liver−HCC::S.199
SP.Syn.Liver−HCC::S.296
SP.Syn.Panc−AdenoCA::S.8
SP.Syn.Panc−AdenoCA::S.62
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

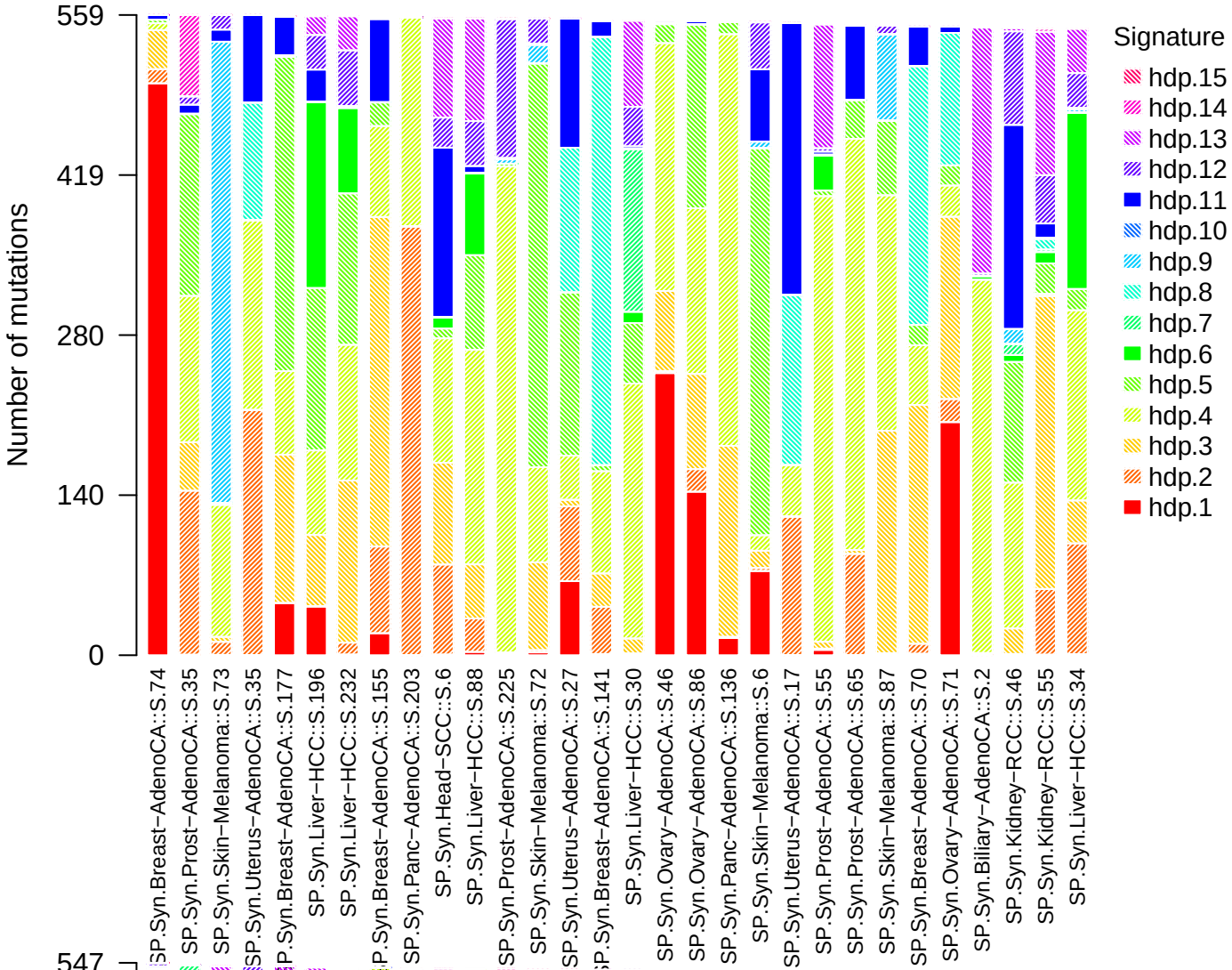
Number of mutations
638
478
319
160
0
SP.Syn.Skin−Melanoma::S.94
SP.Syn.Uterus−AdenoCA::S.26
SP.Syn.Liver−HCC::S.145
SP.Syn.Lymph−BNHL::S.28
SP.Syn.Liver−HCC::S.129
SP.Syn.Liver−HCC::S.153
SP.Syn.Liver−HCC::S.280
SP.Syn.Ovary−AdenoCA::S.105
SP.Syn.Panc−AdenoCA::S.26
SP.Syn.Panc−AdenoCA::S.224
SP.Syn.Lymph−BNHL::S.54
SP.Syn.Head−SCC::S.19
SP.Syn.Kidney−RCC::S.118
SP.Syn.Prost−AdenoCA::S.67
SP.Syn.Liver−HCC::S.47
SP.Syn.Liver−HCC::S.128
SP.Syn.Liver−HCC::S.226
SP.Syn.Panc−AdenoCA::S.145
SP.Syn.Panc−AdenoCA::S.206
SP.Syn.Breast−AdenoCA::S.55
SP.Syn.Breast−AdenoCA::S.115
SP.Syn.Kidney−RCC::S.99
SP.Syn.Liver−HCC::S.215
SP.Syn.Breast−AdenoCA::S.136
SP.Syn.Panc−AdenoCA::S.214
SP.Syn.Uterus−AdenoCA::S.10
SP.Syn.Liver−HCC::S.190
SP.Syn.Lymph−BNHL::S.12
SP.Syn.Panc−AdenoCA::S.43
SP.Syn.Panc−AdenoCA::S.205
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1
Number of mutations
624
468
312
156
0
SP.Syn.Liver−HCC::S.27
SP.Syn.Liver−HCC::S.286
SP.Syn.CNS−Medullo::S.74
SP.Syn.Ovary−AdenoCA::S.56
SP.Syn.Liver−HCC::S.295
SP.Syn.Lymph−BNHL::S.18
SP.Syn.Prost−AdenoCA::S.122
SP.Syn.Head−SCC::S.53
SP.Syn.Kidney−RCC::S.89
SP.Syn.Liver−HCC::S.294
SP.Syn.Ovary−AdenoCA::S.11
SP.Syn.Panc−AdenoCA::S.44
SP.Syn.Panc−AdenoCA::S.61
SP.Syn.Prost−AdenoCA::S.52
SP.Syn.Stomach−AdenoCA::S.53
SP.Syn.Kidney−RCC::S.41
SP.Syn.Kidney−RCC::S.141
SP.Syn.Liver−HCC::S.17
SP.Syn.Panc−AdenoCA::S.70
SP.Syn.Head−SCC::S.16
SP.Syn.Liver−HCC::S.177
SP.Syn.Ovary−AdenoCA::S.62
SP.Syn.Kidney−RCC::S.63
SP.Syn.Lymph−BNHL::S.31
SP.Syn.Breast−AdenoCA::S.138
SP.Syn.Liver−HCC::S.182
SP.Syn.Liver−HCC::S.260
SP.Syn.Liver−HCC::S.274
SP.Syn.Prost−AdenoCA::S.47
SP.Syn.Liver−HCC::S.118
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

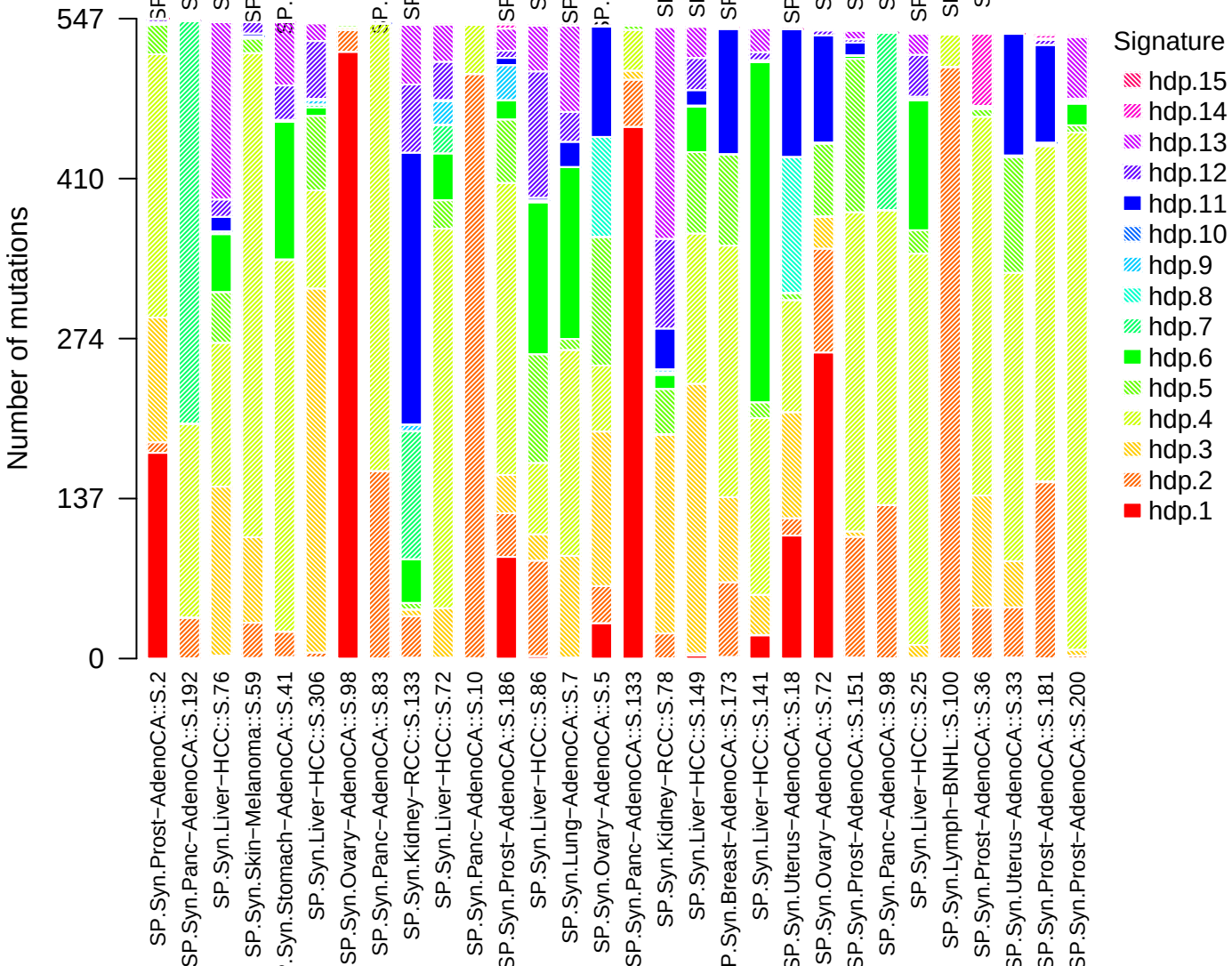

Number of mutations
613
460
306
153
0
SP.Syn.Liver−HCC::S.189
SP.Syn.Liver−HCC::S.228
SP.Syn.Lung−AdenoCA::S.8
SP.Syn.Liver−HCC::S.176
SP.Syn.Uterus−AdenoCA::S.7
SP.Syn.Head−SCC::S.2
SP.Syn.Kidney−RCC::S.1
SP.Syn.Liver−HCC::S.139
SP.Syn.Panc−AdenoCA::S.68
SP.Syn.Biliary−AdenoCA::S.8
SP.Syn.Biliary−AdenoCA::S.18
SP.Syn.Kidney−RCC::S.108
SP.Syn.Head−SCC::S.43
SP.Syn.Kidney−RCC::S.119
SP.Syn.Prost−AdenoCA::S.4
SP.Syn.Lymph−BNHL::S.1
SP.Syn.Ovary−AdenoCA::S.50
SP.Syn.Prost−AdenoCA::S.37
SP.Syn.Skin−Melanoma::S.71
SP.Syn.Uterus−AdenoCA::S.34
SP.Syn.Head−SCC::S.55
SP.Syn.Liver−HCC::S.169
SP.Syn.Liver−HCC::S.235
SP.Syn.Prost−AdenoCA::S.133
SP.Syn.Stomach−AdenoCA::S.24
SP.Syn.Ovary−AdenoCA::S.102
SP.Syn.Liver−HCC::S.300
SP.Syn.Prost−AdenoCA::S.79
SP.Syn.Panc−AdenoCA::S.37
SP.Syn.Prost−AdenoCA::S.106
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

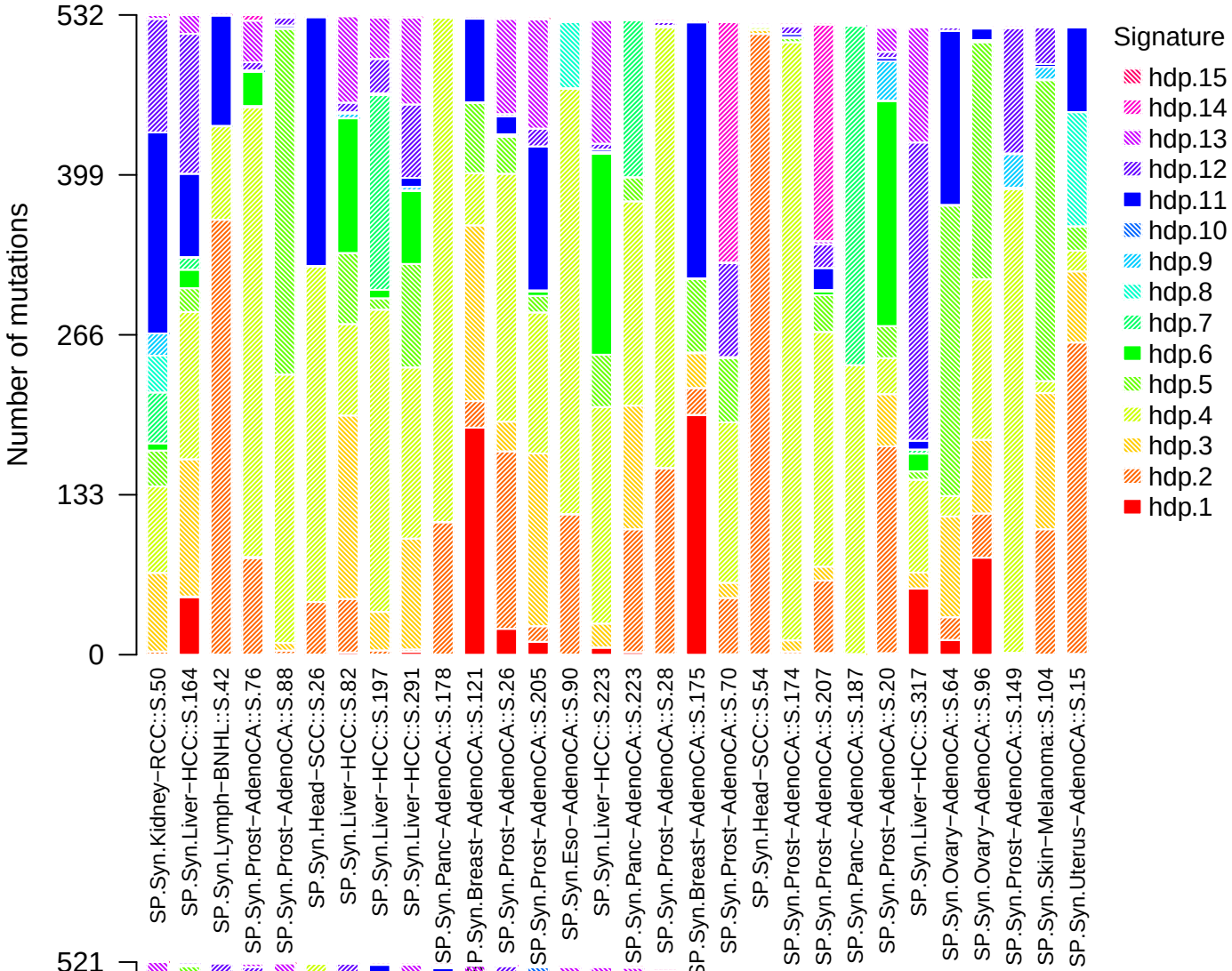

Number of mutations
598
448
299
150
0
SP.Syn.Head−SCC::S.37
SP.Syn.Panc−AdenoCA::S.217
SP.Syn.Skin−Melanoma::S.85
SP.Syn.Uterus−AdenoCA::S.4
SP.Syn.Breast−AdenoCA::S.101
SP.Syn.CNS−Medullo::S.60
SP.Syn.Liver−HCC::S.120
SP.Syn.Prost−AdenoCA::S.180
SP.Syn.Liver−HCC::S.83
SP.Syn.Liver−HCC::S.293
SP.Syn.Kidney−RCC::S.84
SP.Syn.Skin−Melanoma::S.28
SP.Syn.Liver−HCC::S.43
SP.Syn.Panc−AdenoCA::S.5
SP.Syn.Panc−AdenoCA::S.74
SP.Syn.Prost−AdenoCA::S.11
SP.Syn.Biliary−AdenoCA::S.7
SP.Syn.Liver−HCC::S.265
SP.Syn.Panc−AdenoCA::S.137
SP.Syn.Liver−HCC::S.41
SP.Syn.Liver−HCC::S.163
SP.Syn.Prost−AdenoCA::S.142
SP.Syn.Liver−HCC::S.299
SP.Syn.Panc−AdenoCA::S.87
SP.Syn.Prost−AdenoCA::S.21
SP.Syn.Breast−AdenoCA::S.107
SP.Syn.Kidney−RCC::S.112
SP.Syn.Liver−HCC::S.158
SP.Syn.Liver−HCC::S.186
SP.Syn.Breast−AdenoCA::S.171
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

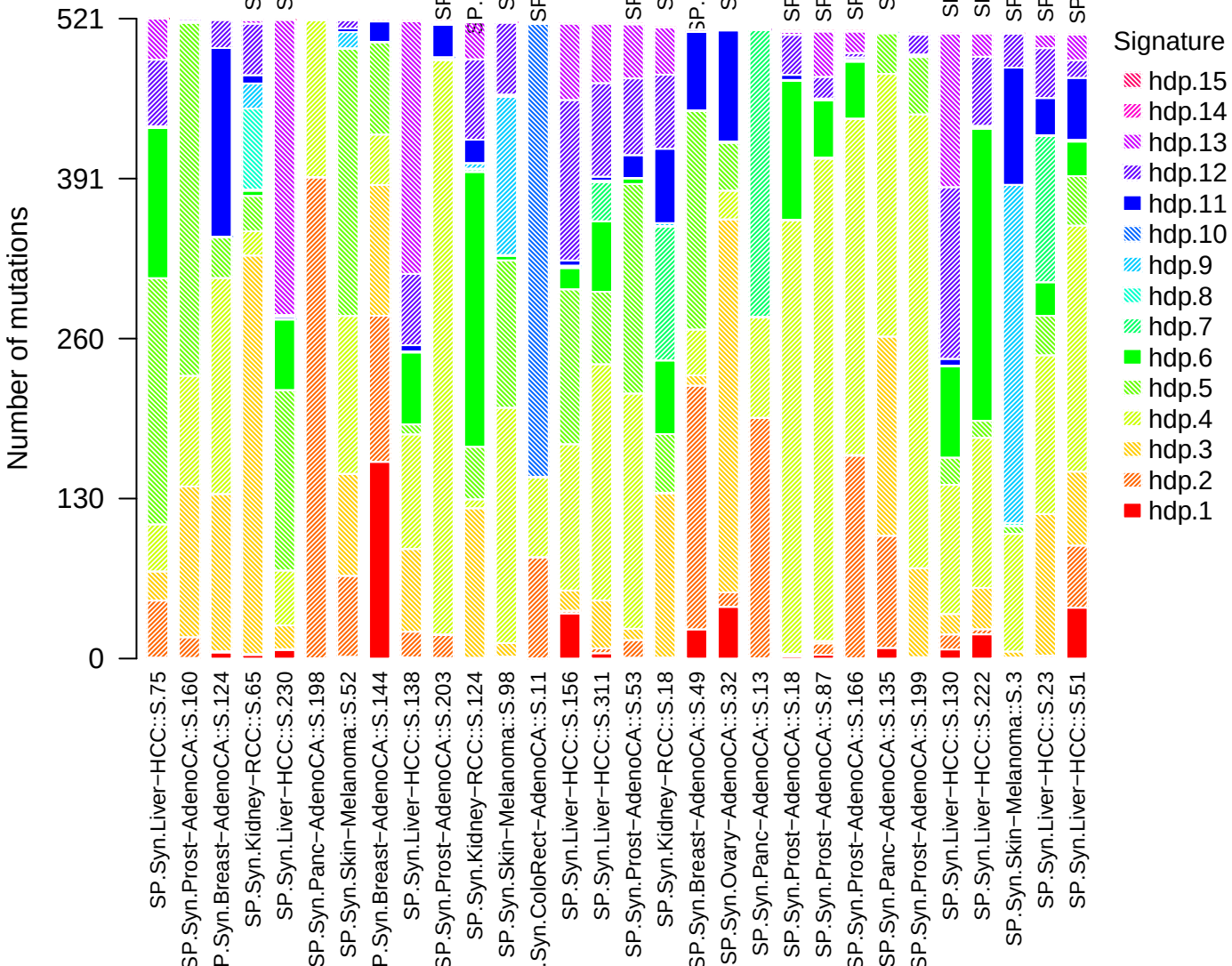

Number of mutations
585
439
292
146
0
SP.Syn.ColoRect−AdenoCA::S.29
SP.Syn.Eso−AdenoCA::S.34
SP.Syn.Panc−AdenoCA::S.200
SP.Syn.Kidney−RCC::S.105
SP.Syn.Panc−AdenoCA::S.85
SP.Syn.Panc−AdenoCA::S.168
SP.Syn.Liver−HCC::S.243
SP.Syn.Prost−AdenoCA::S.134
SP.Syn.Liver−HCC::S.70
SP.Syn.Kidney−RCC::S.64
SP.Syn.Liver−HCC::S.2
SP.Syn.Ovary−AdenoCA::S.14
SP.Syn.Eso−AdenoCA::S.53
SP.Syn.Liver−HCC::S.231
SP.Syn.Panc−AdenoCA::S.59
SP.Syn.Liver−HCC::S.198
SP.Syn.Panc−AdenoCA::S.57
SP.Syn.Kidney−RCC::S.47
SP.Syn.Prost−AdenoCA::S.24
SP.Syn.Kidney−RCC::S.25
SP.Syn.Liver−HCC::S.270
SP.Syn.Liver−HCC::S.297
SP.Syn.Breast−AdenoCA::S.60
SP.Syn.Panc−AdenoCA::S.221
SP.Syn.Kidney−RCC::S.9
SP.Syn.Liver−HCC::S.205
SP.Syn.Panc−AdenoCA::S.181
SP.Syn.Eso−AdenoCA::S.64
SP.Syn.Liver−HCC::S.150
SP.Syn.Ovary−AdenoCA::S.21
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

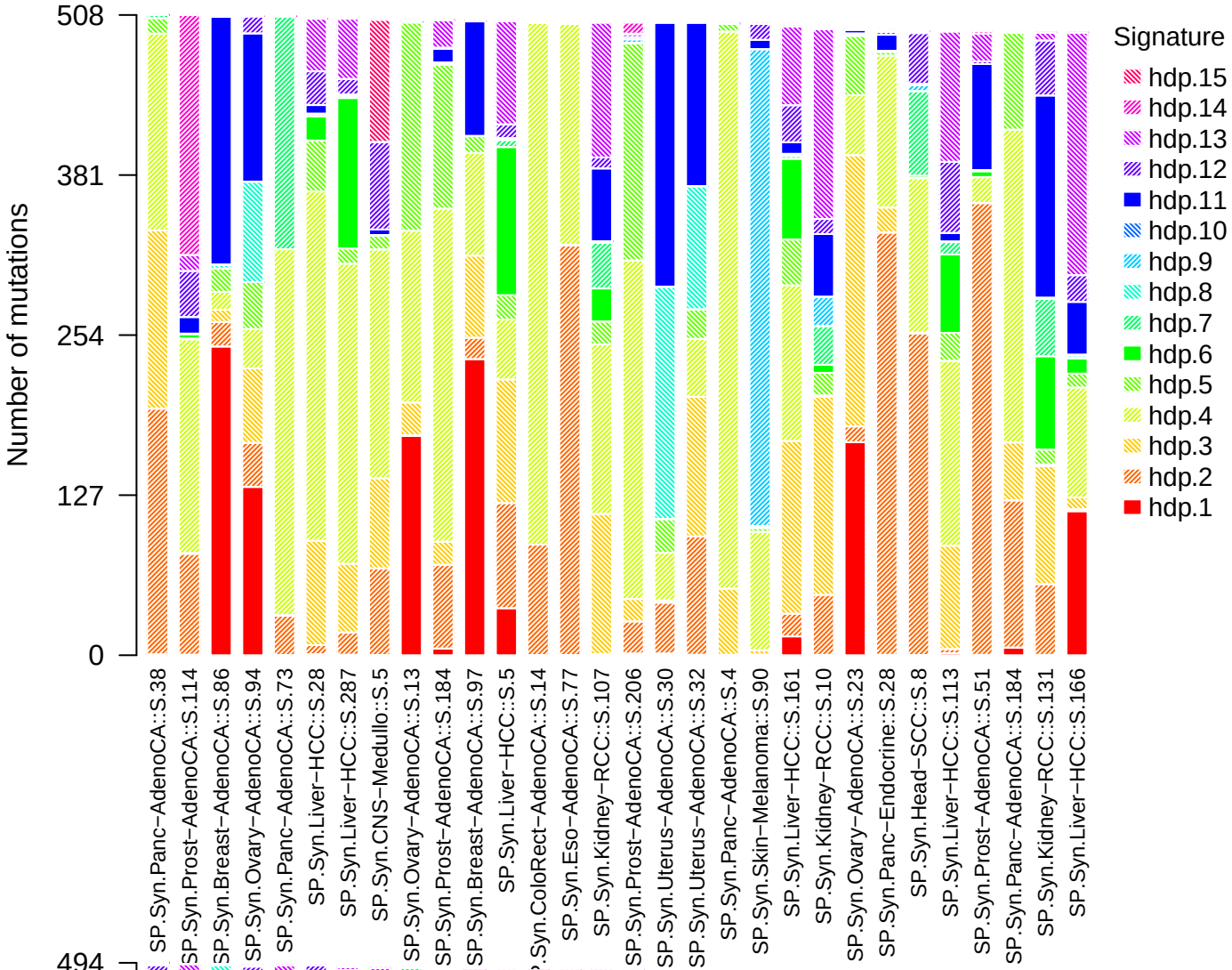

Number of mutations
570
428
285
142
0
SP.Syn.Panc−AdenoCA::S.140
SP.Syn.Prost−AdenoCA::S.68
SP.Syn.Kidney−RCC::S.135
SP.Syn.Lymph−BNHL::S.16
SP.Syn.Lymph−BNHL::S.99
SP.Syn.Panc−AdenoCA::S.15
SP.Syn.Eso−AdenoCA::S.30
SP.Syn.Liver−HCC::S.64
SP.Syn.Liver−HCC::S.67
SP.Syn.Stomach−AdenoCA::S.35
SP.Syn.Liver−HCC::S.89
SP.Syn.Prost−AdenoCA::S.137
SP.Syn.Liver−HCC::S.55
SP.Syn.Liver−HCC::S.249
SP.Syn.Panc−Endocrine::S.44
SP.Syn.Liver−HCC::S.93
SP.Syn.Panc−AdenoCA::S.146
SP.Syn.Uterus−AdenoCA::S.5
SP.Syn.Uterus−AdenoCA::S.23
SP.Syn.Kidney−RCC::S.100
SP.Syn.Liver−HCC::S.137
SP.Syn.Skin−Melanoma::S.53
SP.Syn.Liver−HCC::S.224
SP.Syn.Prost−AdenoCA::S.105
SP.Syn.Breast−AdenoCA::S.151
SP.Syn.Kidney−RCC::S.134
SP.Syn.Kidney−RCC::S.140
SP.Syn.Prost−AdenoCA::S.101
SP.Syn.Liver−HCC::S.263
SP.Syn.Liver−HCC::S.271
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

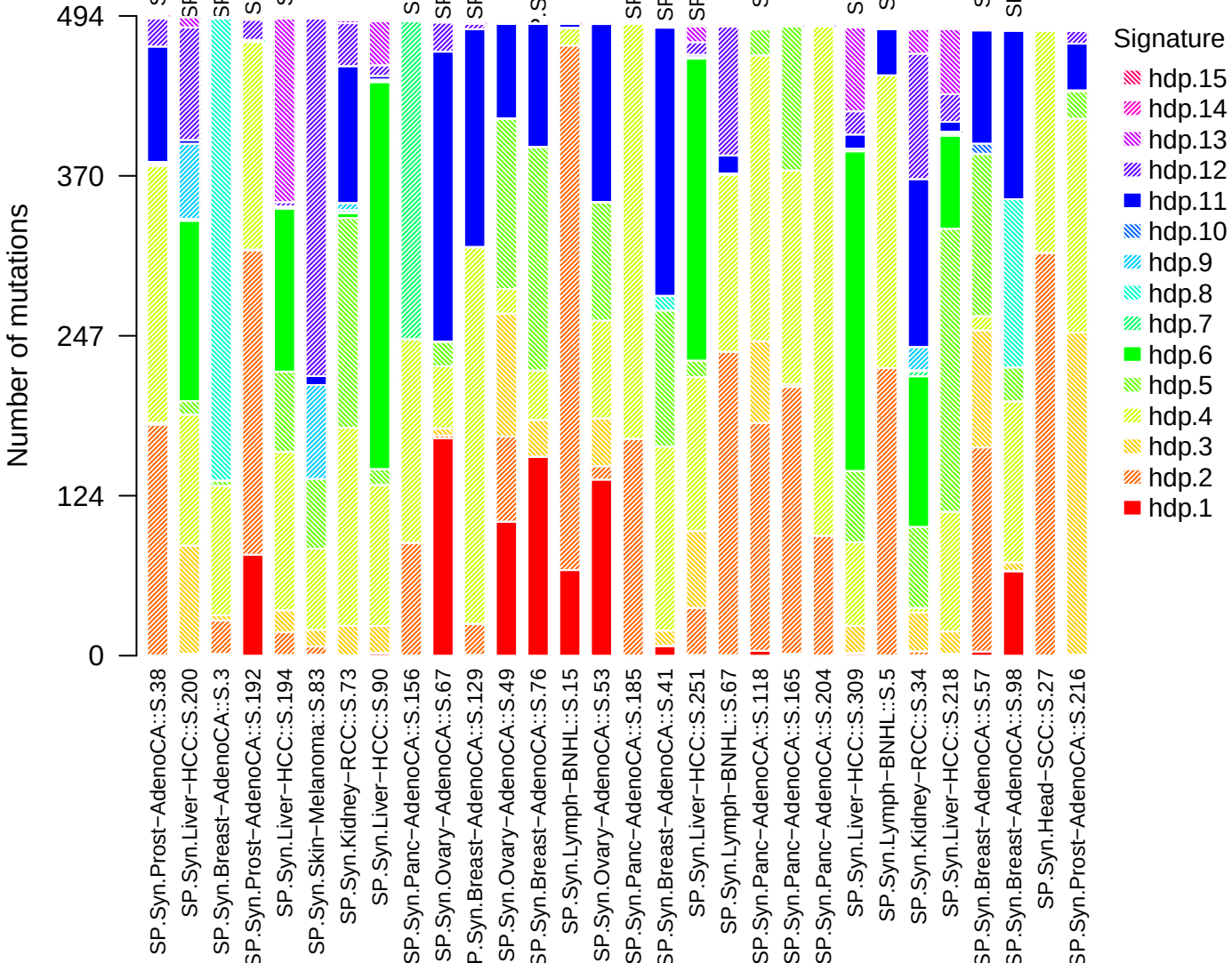

Number of mutations
559
419
280
140
0
SP.Syn.Breast−AdenoCA::S.74
SP.Syn.Prost−AdenoCA::S.35
SP.Syn.Skin−Melanoma::S.73
SP.Syn.Uterus−AdenoCA::S.35
SP.Syn.Breast−AdenoCA::S.177
SP.Syn.Liver−HCC::S.196
SP.Syn.Liver−HCC::S.232
SP.Syn.Breast−AdenoCA::S.155
SP.Syn.Panc−AdenoCA::S.203
SP.Syn.Head−SCC::S.6
SP.Syn.Liver−HCC::S.88
SP.Syn.Prost−AdenoCA::S.225
SP.Syn.Skin−Melanoma::S.72
SP.Syn.Uterus−AdenoCA::S.27
SP.Syn.Breast−AdenoCA::S.141
SP.Syn.Liver−HCC::S.30
SP.Syn.Ovary−AdenoCA::S.46
SP.Syn.Ovary−AdenoCA::S.86
SP.Syn.Panc−AdenoCA::S.136
SP.Syn.Skin−Melanoma::S.6
SP.Syn.Uterus−AdenoCA::S.17
SP.Syn.Prost−AdenoCA::S.55
SP.Syn.Prost−AdenoCA::S.65
SP.Syn.Skin−Melanoma::S.87
SP.Syn.Breast−AdenoCA::S.70
SP.Syn.Ovary−AdenoCA::S.71
SP.Syn.Biliary−AdenoCA::S.2
SP.Syn.Kidney−RCC::S.46
SP.Syn.Kidney−RCC::S.55
SP.Syn.Liver−HCC::S.34
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

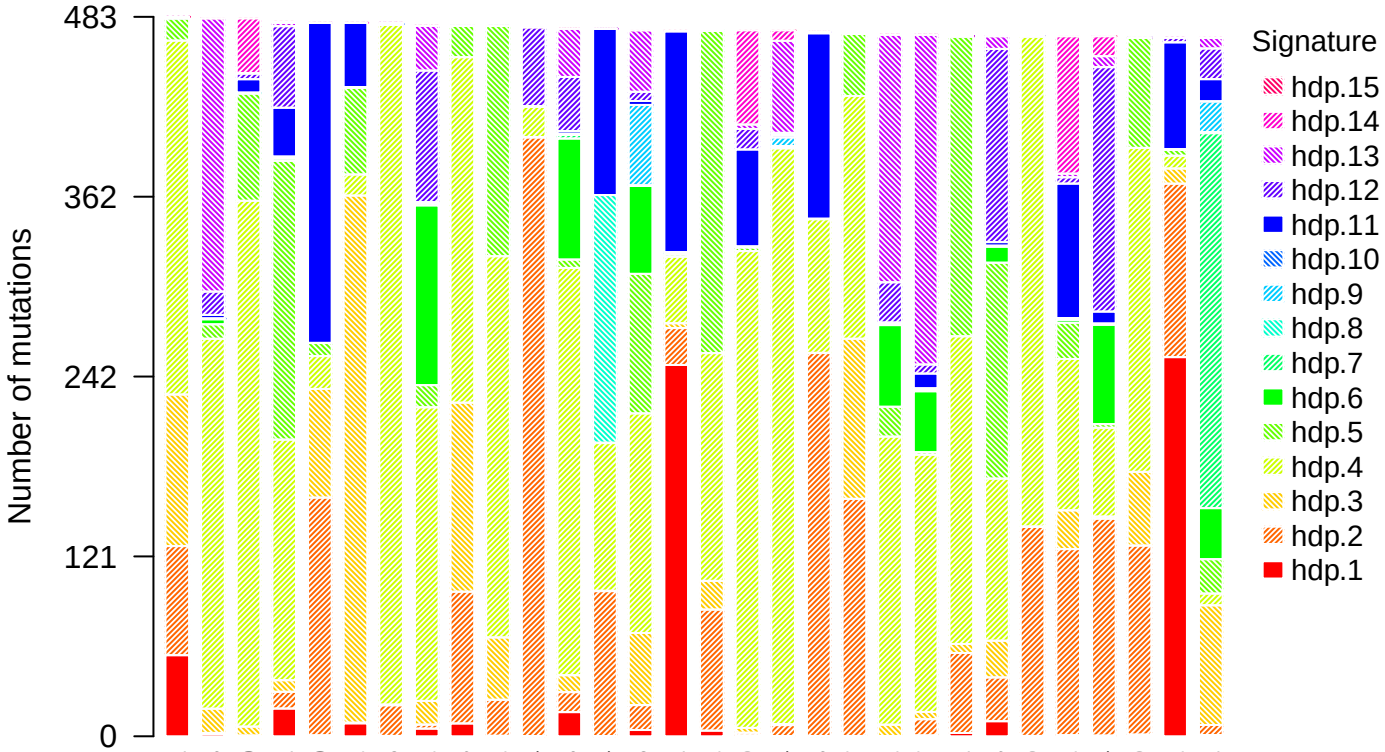

Number of mutations
547
410
274
137
0
SP.Syn.Prost−AdenoCA::S.2
SP.Syn.Panc−AdenoCA::S.192
SP.Syn.Liver−HCC::S.76
SP.Syn.Skin−Melanoma::S.59
SP.Syn.Stomach−AdenoCA::S.41
SP.Syn.Liver−HCC::S.306
SP.Syn.Ovary−AdenoCA::S.98
SP.Syn.Panc−AdenoCA::S.83
SP.Syn.Kidney−RCC::S.133
SP.Syn.Liver−HCC::S.72
SP.Syn.Panc−AdenoCA::S.10
SP.Syn.Prost−AdenoCA::S.186
SP.Syn.Liver−HCC::S.86
SP.Syn.Lung−AdenoCA::S.7
SP.Syn.Ovary−AdenoCA::S.5
SP.Syn.Panc−AdenoCA::S.133
SP.Syn.Kidney−RCC::S.78
SP.Syn.Liver−HCC::S.149
SP.Syn.Breast−AdenoCA::S.173
SP.Syn.Liver−HCC::S.141
SP.Syn.Uterus−AdenoCA::S.18
SP.Syn.Ovary−AdenoCA::S.72
SP.Syn.Prost−AdenoCA::S.151
SP.Syn.Panc−AdenoCA::S.98
SP.Syn.Liver−HCC::S.25
SP.Syn.Lymph−BNHL::S.100
SP.Syn.Prost−AdenoCA::S.36
SP.Syn.Uterus−AdenoCA::S.33
SP.Syn.Prost−AdenoCA::S.181
SP.Syn.Prost−AdenoCA::S.200
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

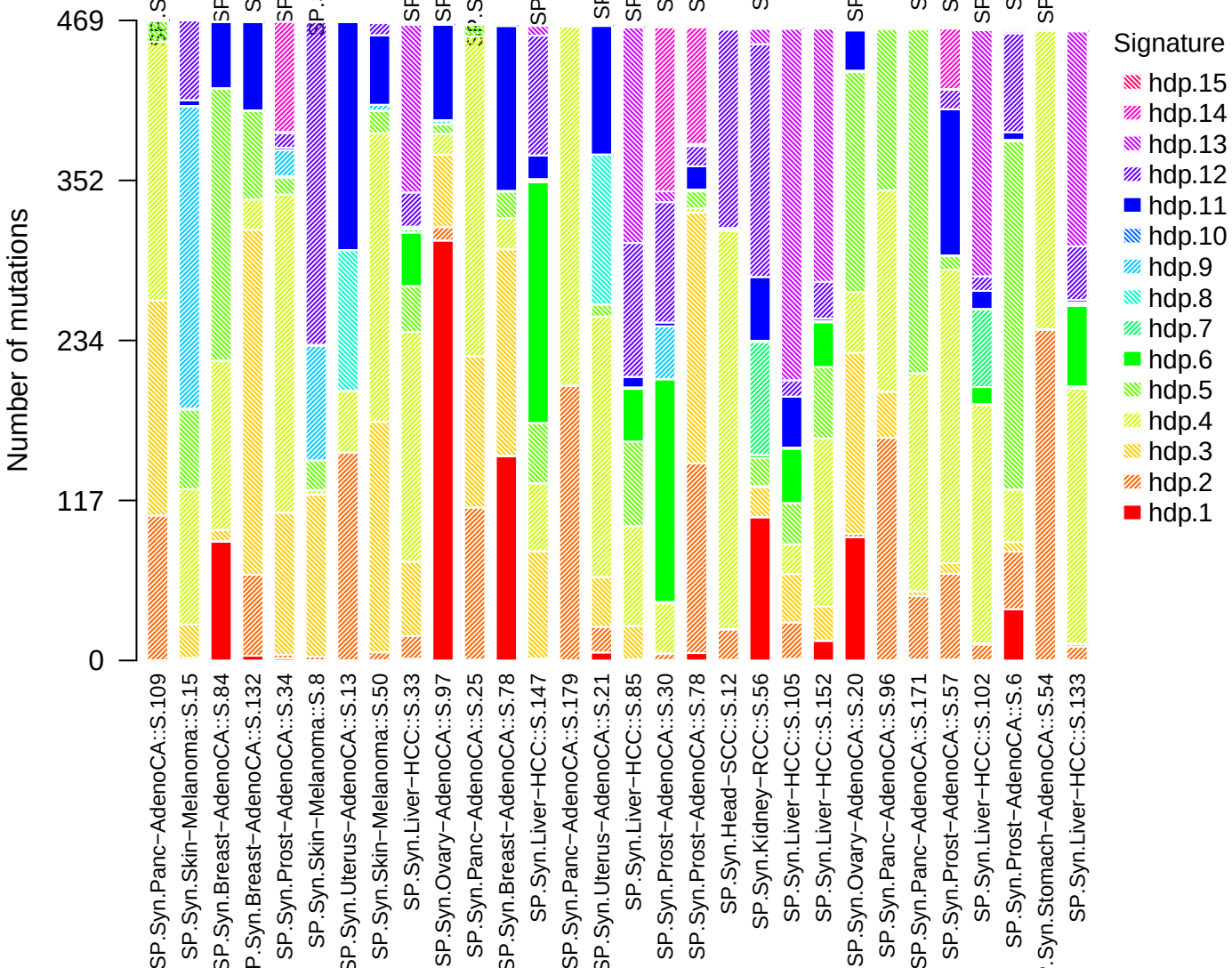

Number of mutations
532
399
266
133
0
SP.Syn.Kidney−RCC::S.50
SP.Syn.Liver−HCC::S.164
SP.Syn.Lymph−BNHL::S.42
SP.Syn.Prost−AdenoCA::S.76
SP.Syn.Prost−AdenoCA::S.88
SP.Syn.Head−SCC::S.26
SP.Syn.Liver−HCC::S.82
SP.Syn.Liver−HCC::S.197
SP.Syn.Liver−HCC::S.291
SP.Syn.Panc−AdenoCA::S.178
SP.Syn.Breast−AdenoCA::S.121
SP.Syn.Prost−AdenoCA::S.26
SP.Syn.Prost−AdenoCA::S.205
SP.Syn.Eso−AdenoCA::S.90
SP.Syn.Liver−HCC::S.223
SP.Syn.Panc−AdenoCA::S.223
SP.Syn.Prost−AdenoCA::S.28
SP.Syn.Breast−AdenoCA::S.175
SP.Syn.Prost−AdenoCA::S.70
SP.Syn.Head−SCC::S.54
SP.Syn.Prost−AdenoCA::S.174
SP.Syn.Prost−AdenoCA::S.207
SP.Syn.Panc−AdenoCA::S.187
SP.Syn.Prost−AdenoCA::S.20
SP.Syn.Liver−HCC::S.317
SP.Syn.Ovary−AdenoCA::S.64
SP.Syn.Ovary−AdenoCA::S.96
SP.Syn.Prost−AdenoCA::S.149
SP.Syn.Skin−Melanoma::S.104
SP.Syn.Uterus−AdenoCA::S.15
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1


Number of mutations
521
391
260
130
0
SP.Syn.Liver−HCC::S.75
SP.Syn.Prost−AdenoCA::S.160
SP.Syn.Breast−AdenoCA::S.124
SP.Syn.Kidney−RCC::S.65
SP.Syn.Liver−HCC::S.230
SP.Syn.Panc−AdenoCA::S.198
SP.Syn.Skin−Melanoma::S.52
SP.Syn.Breast−AdenoCA::S.144
SP.Syn.Liver−HCC::S.138
SP.Syn.Prost−AdenoCA::S.203
SP.Syn.Kidney−RCC::S.124
SP.Syn.Skin−Melanoma::S.98
SP.Syn.ColoRect−AdenoCA::S.11
SP.Syn.Liver−HCC::S.156
SP.Syn.Liver−HCC::S.311
SP.Syn.Prost−AdenoCA::S.53
SP.Syn.Kidney−RCC::S.18
SP.Syn.Breast−AdenoCA::S.49
SP.Syn.Ovary−AdenoCA::S.32
SP.Syn.Panc−AdenoCA::S.13
SP.Syn.Prost−AdenoCA::S.18
SP.Syn.Prost−AdenoCA::S.87
SP.Syn.Prost−AdenoCA::S.166
SP.Syn.Panc−AdenoCA::S.135
SP.Syn.Prost−AdenoCA::S.199
SP.Syn.Liver−HCC::S.130
SP.Syn.Liver−HCC::S.222
SP.Syn.Skin−Melanoma::S.3
SP.Syn.Liver−HCC::S.23
SP.Syn.Liver−HCC::S.51
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

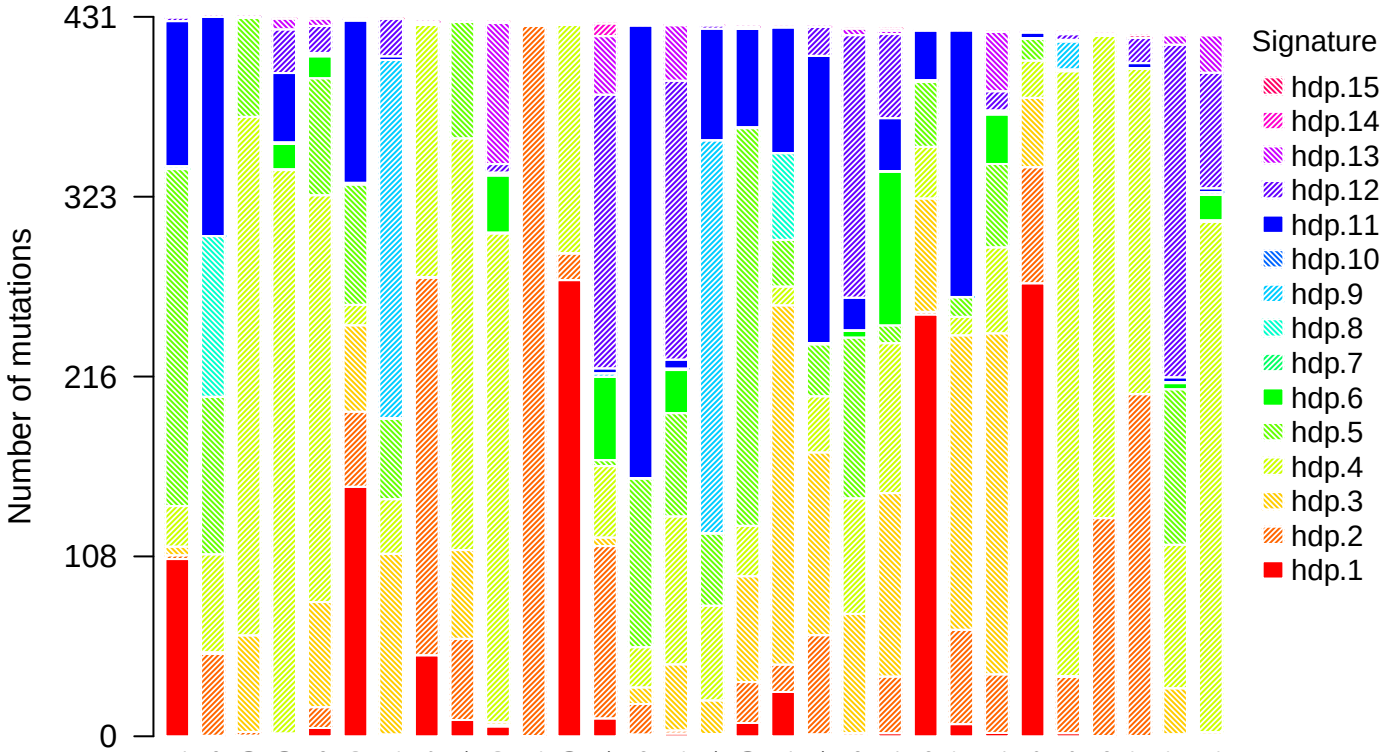

Number of mutations
508
381
254
127
0
SP.Syn.Panc−AdenoCA::S.38
SP.Syn.Prost−AdenoCA::S.114
SP.Syn.Breast−AdenoCA::S.86
SP.Syn.Ovary−AdenoCA::S.94
SP.Syn.Panc−AdenoCA::S.73
SP.Syn.Liver−HCC::S.28
SP.Syn.Liver−HCC::S.287
SP.Syn.CNS−Medullo::S.5
SP.Syn.Ovary−AdenoCA::S.13
SP.Syn.Prost−AdenoCA::S.184
SP.Syn.Breast−AdenoCA::S.97
SP.Syn.Liver−HCC::S.5
SP.Syn.ColoRect−AdenoCA::S.14
SP.Syn.Eso−AdenoCA::S.77
SP.Syn.Kidney−RCC::S.107
SP.Syn.Prost−AdenoCA::S.206
SP.Syn.Uterus−AdenoCA::S.30
SP.Syn.Uterus−AdenoCA::S.32
SP.Syn.Panc−AdenoCA::S.4
SP.Syn.Skin−Melanoma::S.90
SP.Syn.Liver−HCC::S.161
SP.Syn.Kidney−RCC::S.10
SP.Syn.Ovary−AdenoCA::S.23
SP.Syn.Panc−Endocrine::S.28
SP.Syn.Head−SCC::S.8
SP.Syn.Liver−HCC::S.113
SP.Syn.Prost−AdenoCA::S.51
SP.Syn.Panc−AdenoCA::S.184
SP.Syn.Kidney−RCC::S.131
SP.Syn.Liver−HCC::S.166
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

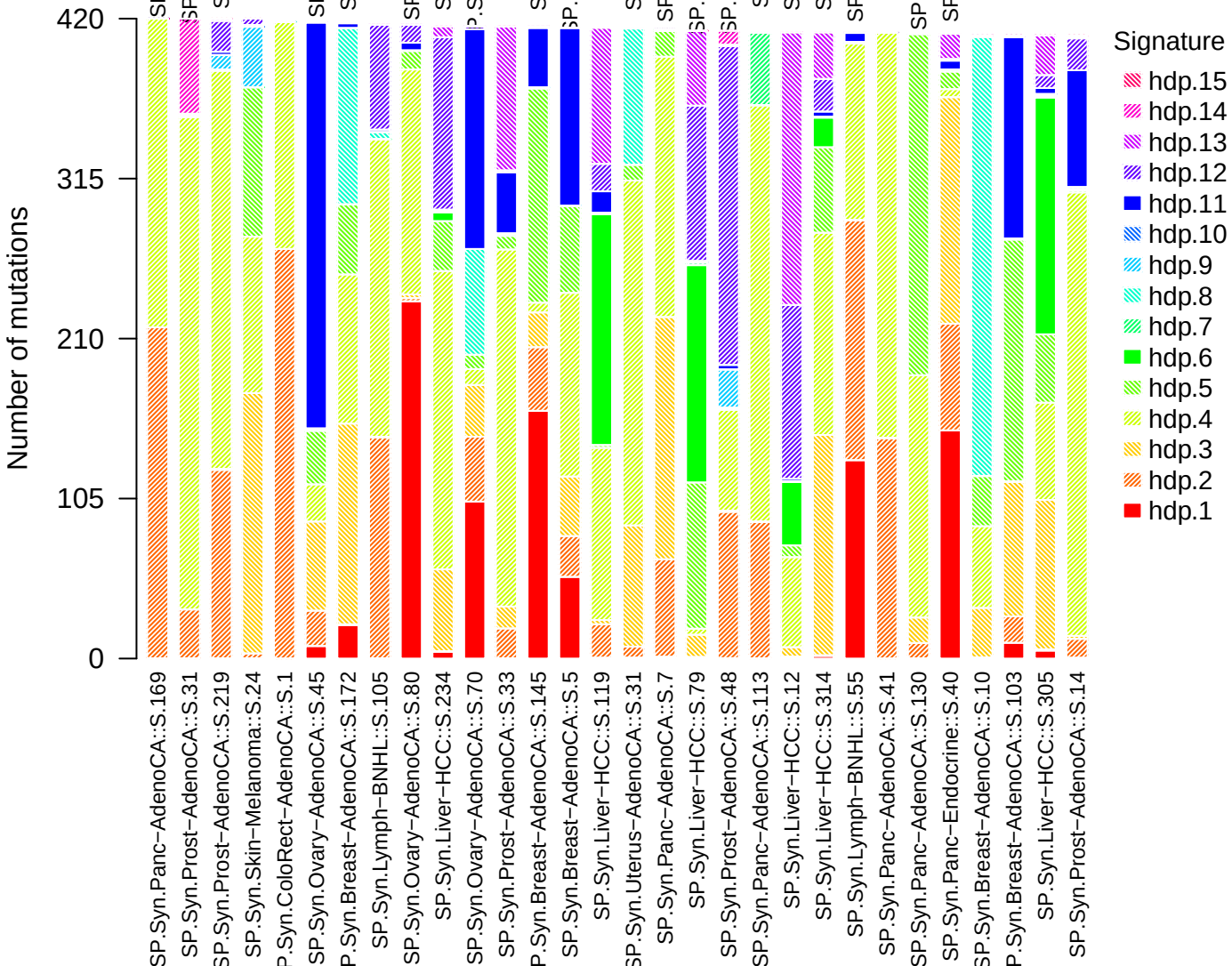

Number of mutations
494
370
247
124
0
SP.Syn.Prost−AdenoCA::S.38
SP.Syn.Liver−HCC::S.200
SP.Syn.Breast−AdenoCA::S.3
SP.Syn.Prost−AdenoCA::S.192
SP.Syn.Liver−HCC::S.194
SP.Syn.Skin−Melanoma::S.83
SP.Syn.Kidney−RCC::S.73
SP.Syn.Liver−HCC::S.90
SP.Syn.Panc−AdenoCA::S.156
SP.Syn.Ovary−AdenoCA::S.67
SP.Syn.Breast−AdenoCA::S.129
SP.Syn.Ovary−AdenoCA::S.49
SP.Syn.Breast−AdenoCA::S.76
SP.Syn.Lymph−BNHL::S.15
SP.Syn.Ovary−AdenoCA::S.53
SP.Syn.Panc−AdenoCA::S.185
SP.Syn.Breast−AdenoCA::S.41
SP.Syn.Liver−HCC::S.251
SP.Syn.Lymph−BNHL::S.67
SP.Syn.Panc−AdenoCA::S.118
SP.Syn.Panc−AdenoCA::S.165
SP.Syn.Panc−AdenoCA::S.204
SP.Syn.Liver−HCC::S.309
SP.Syn.Lymph−BNHL::S.5
SP.Syn.Kidney−RCC::S.34
SP.Syn.Liver−HCC::S.218
SP.Syn.Breast−AdenoCA::S.57
SP.Syn.Breast−AdenoCA::S.98
SP.Syn.Head−SCC::S.27
SP.Syn.Prost−AdenoCA::S.216
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1


Number of mutations
483
362
242
121
0
SP.Syn.Stomach−AdenoCA::S.51
SP.Syn.Head−SCC::S.28
SP.Syn.Prost−AdenoCA::S.150
SP.Syn.Prost−AdenoCA::S.71
SP.Syn.Breast−AdenoCA::S.50
SP.Syn.Breast−AdenoCA::S.122
SP.Syn.Lymph−BNHL::S.6
SP.Syn.Liver−HCC::S.142
SP.Syn.Panc−AdenoCA::S.163
SP.Syn.Panc−AdenoCA::S.212
SP.Syn.Stomach−AdenoCA::S.44
SP.Syn.Liver−HCC::S.288
SP.Syn.Uterus−AdenoCA::S.14
SP.Syn.Liver−HCC::S.96
SP.Syn.Ovary−AdenoCA::S.41
SP.Syn.Panc−AdenoCA::S.162
SP.Syn.Prost−AdenoCA::S.29
SP.Syn.Prost−AdenoCA::S.64
SP.Syn.Lymph−BNHL::S.98
SP.Syn.Panc−AdenoCA::S.17
SP.Syn.Liver−HCC::S.112
SP.Syn.Liver−HCC::S.117
SP.Syn.Panc−AdenoCA::S.161
SP.Syn.Liver−HCC::S.313
SP.Syn.Panc−AdenoCA::S.49
SP.Syn.Prost−AdenoCA::S.42
SP.Syn.Prost−AdenoCA::S.144
SP.Syn.Panc−AdenoCA::S.69
SP.Syn.Breast−AdenoCA::S.82
SP.Syn.Kidney−RCC::S.31
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

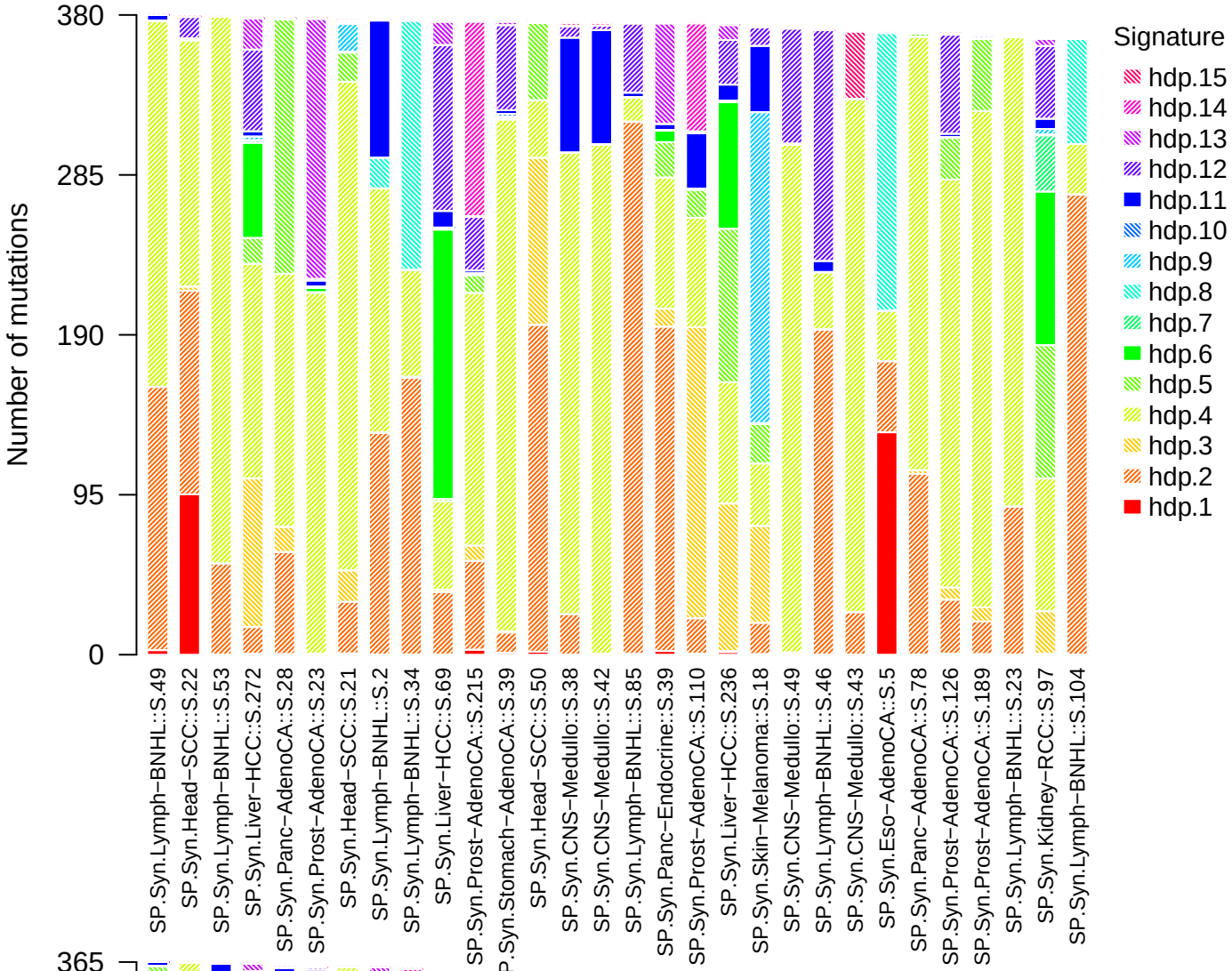

Number of mutations
469
352
234
117
0
SP.Syn.Panc−AdenoCA::S.109
SP.Syn.Skin−Melanoma::S.15
SP.Syn.Breast−AdenoCA::S.84
SP.Syn.Breast−AdenoCA::S.132
SP.Syn.Prost−AdenoCA::S.34
SP.Syn.Skin−Melanoma::S.8
SP.Syn.Uterus−AdenoCA::S.13
SP.Syn.Skin−Melanoma::S.50
SP.Syn.Liver−HCC::S.33
SP.Syn.Ovary−AdenoCA::S.97
SP.Syn.Panc−AdenoCA::S.25
SP.Syn.Breast−AdenoCA::S.78
SP.Syn.Liver−HCC::S.147
SP.Syn.Panc−AdenoCA::S.179
SP.Syn.Uterus−AdenoCA::S.21
SP.Syn.Liver−HCC::S.85
SP.Syn.Prost−AdenoCA::S.30
SP.Syn.Prost−AdenoCA::S.78
SP.Syn.Head−SCC::S.12
SP.Syn.Kidney−RCC::S.56
SP.Syn.Liver−HCC::S.105
SP.Syn.Liver−HCC::S.152
SP.Syn.Ovary−AdenoCA::S.20
SP.Syn.Panc−AdenoCA::S.96
SP.Syn.Panc−AdenoCA::S.171
SP.Syn.Prost−AdenoCA::S.57
SP.Syn.Liver−HCC::S.102
SP.Syn.Prost−AdenoCA::S.6
SP.Syn.Stomach−AdenoCA::S.54
SP.Syn.Liver−HCC::S.133
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

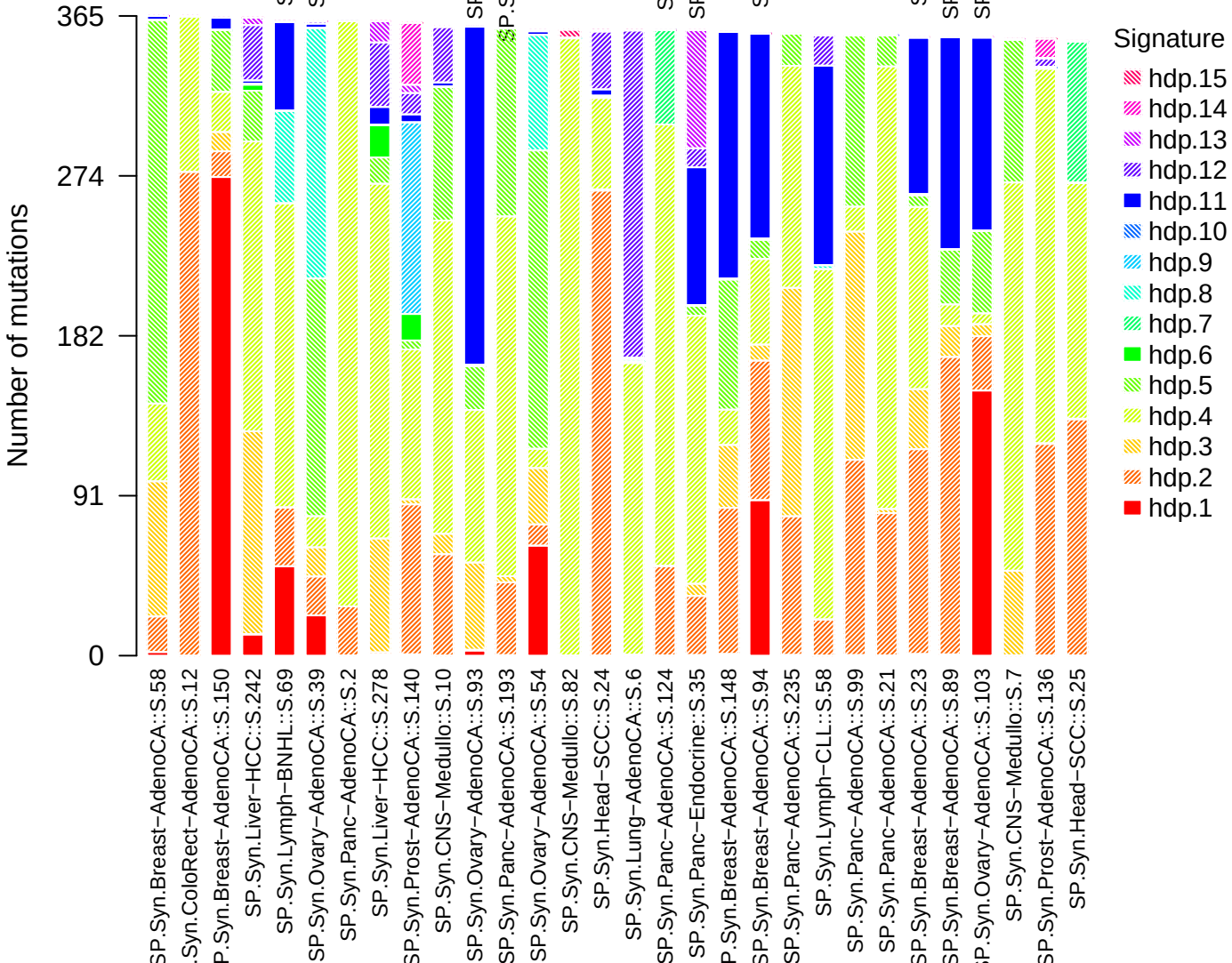
Number of mutations
461
346
230
115
0
SP.Syn.Liver−HCC::S.185
SP.Syn.Panc−AdenoCA::S.88
SP.Syn.Liver−HCC::S.71
SP.Syn.Liver−HCC::S.273
SP.Syn.Prost−AdenoCA::S.131
SP.Syn.Skin−Melanoma::S.64
SP.Syn.Skin−Melanoma::S.32
SP.Syn.Liver−HCC::S.256
SP.Syn.Prost−AdenoCA::S.175
SP.Syn.Liver−HCC::S.36
SP.Syn.Liver−HCC::S.143
SP.Syn.Panc−AdenoCA::S.157
SP.Syn.Liver−HCC::S.109
SP.Syn.Breast−AdenoCA::S.77
SP.Syn.Ovary−AdenoCA::S.77
SP.Syn.Prost−AdenoCA::S.198
SP.Syn.Skin−Melanoma::S.74
SP.Syn.Uterus−AdenoCA::S.8
SP.Syn.Biliary−AdenoCA::S.9
SP.Syn.Breast−AdenoCA::S.59
SP.Syn.Breast−AdenoCA::S.123
SP.Syn.Lymph−BNHL::S.45
SP.Syn.CNS−Medullo::S.44
SP.Syn.Biliary−AdenoCA::S.10
SP.Syn.Lung−AdenoCA::S.18
SP.Syn.Ovary−AdenoCA::S.90
SP.Syn.Liver−HCC::S.216
SP.Syn.Lymph−BNHL::S.74
SP.Syn.Liver−HCC::S.78
SP.Syn.Breast−AdenoCA::S.100
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1
Number of mutations
444
333
222
111
0
SP.Syn.Panc−AdenoCA::S.155
SP.Syn.Skin−Melanoma::S.79
SP.Syn.Ovary−AdenoCA::S.65
SP.Syn.Prost−AdenoCA::S.90
SP.Syn.Panc−AdenoCA::S.9
SP.Syn.Panc−AdenoCA::S.71
SP.Syn.Biliary−AdenoCA::S.12
SP.Syn.Panc−AdenoCA::S.1
SP.Syn.Panc−AdenoCA::S.52
SP.Syn.Prost−AdenoCA::S.221
SP.Syn.Breast−AdenoCA::S.137
SP.Syn.Liver−HCC::S.9
SP.Syn.Ovary−AdenoCA::S.101
SP.Syn.Uterus−AdenoCA::S.2
SP.Syn.Kidney−RCC::S.93
SP.Syn.Liver−HCC::S.284
SP.Syn.Prost−AdenoCA::S.148
SP.Syn.Kidney−RCC::S.62
SP.Syn.Liver−HCC::S.37
SP.Syn.Panc−AdenoCA::S.147
SP.Syn.Liver−HCC::S.171
SP.Syn.Prost−AdenoCA::S.82
SP.Syn.Prost−AdenoCA::S.190
SP.Syn.Breast−AdenoCA::S.181
SP.Syn.Breast−AdenoCA::S.189
SP.Syn.Liver−HCC::S.275
SP.Syn.Lymph−BNHL::S.13
SP.Syn.Panc−AdenoCA::S.190
SP.Syn.Ovary−AdenoCA::S.87
SP.Syn.Breast−AdenoCA::S.11
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1


Number of mutations
431
323
216
108
0
SP.Syn.Ovary−AdenoCA::S.81
SP.Syn.Uterus−AdenoCA::S.25
SP.Syn.Panc−AdenoCA::S.90
SP.Syn.Liver−HCC::S.20
SP.Syn.Liver−HCC::S.315
SP.Syn.Ovary−AdenoCA::S.69
SP.Syn.Skin−Melanoma::S.12
SP.Syn.Lymph−BNHL::S.3
SP.Syn.Panc−AdenoCA::S.194
SP.Syn.Prost−AdenoCA::S.19
SP.Syn.Stomach−AdenoCA::S.12
SP.Syn.Lymph−BNHL::S.40
SP.Syn.Prost−AdenoCA::S.74
SP.Syn.Breast−AdenoCA::S.106
SP.Syn.Liver−HCC::S.162
SP.Syn.Skin−Melanoma::S.54
SP.Syn.Breast−AdenoCA::S.80
SP.Syn.Breast−AdenoCA::S.111
SP.Syn.Breast−AdenoCA::S.154
SP.Syn.Lung−AdenoCA::S.25
SP.Syn.Prost−AdenoCA::S.91
SP.Syn.Breast−AdenoCA::S.6
SP.Syn.Breast−AdenoCA::S.87
SP.Syn.Liver−HCC::S.211
SP.Syn.Ovary−AdenoCA::S.108
SP.Syn.Prost−AdenoCA::S.108
SP.Syn.CNS−Medullo::S.56
SP.Syn.CNS−Medullo::S.37
SP.Syn.Liver−HCC::S.87
SP.Syn.Liver−HCC::S.252
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

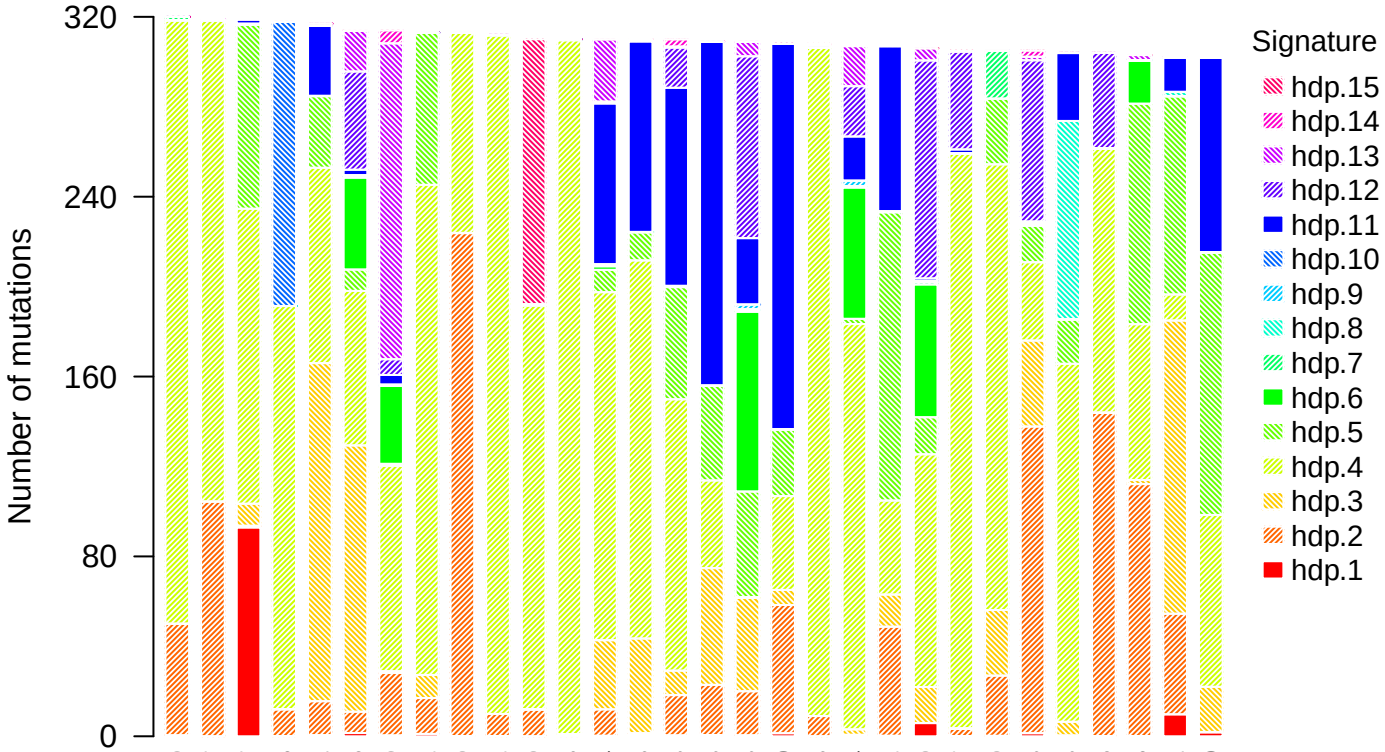

Number of mutations
420
315
210
105
0
SP.Syn.Panc−AdenoCA::S.169
SP.Syn.Prost−AdenoCA::S.31
SP.Syn.Prost−AdenoCA::S.219
SP.Syn.Skin−Melanoma::S.24
SP.Syn.ColoRect−AdenoCA::S.1
SP.Syn.Ovary−AdenoCA::S.45
SP.Syn.Breast−AdenoCA::S.172
SP.Syn.Lymph−BNHL::S.105
SP.Syn.Ovary−AdenoCA::S.80
SP.Syn.Liver−HCC::S.234
SP.Syn.Ovary−AdenoCA::S.70
SP.Syn.Prost−AdenoCA::S.33
SP.Syn.Breast−AdenoCA::S.145
SP.Syn.Breast−AdenoCA::S.5
SP.Syn.Liver−HCC::S.119
SP.Syn.Uterus−AdenoCA::S.31
SP.Syn.Panc−AdenoCA::S.7
SP.Syn.Liver−HCC::S.79
SP.Syn.Prost−AdenoCA::S.48
SP.Syn.Panc−AdenoCA::S.113
SP.Syn.Liver−HCC::S.12
SP.Syn.Liver−HCC::S.314
SP.Syn.Lymph−BNHL::S.55
SP.Syn.Panc−AdenoCA::S.41
SP.Syn.Panc−AdenoCA::S.130
SP.Syn.Panc−Endocrine::S.40
SP.Syn.Breast−AdenoCA::S.10
SP.Syn.Breast−AdenoCA::S.103
SP.Syn.Liver−HCC::S.305
SP.Syn.Prost−AdenoCA::S.14
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

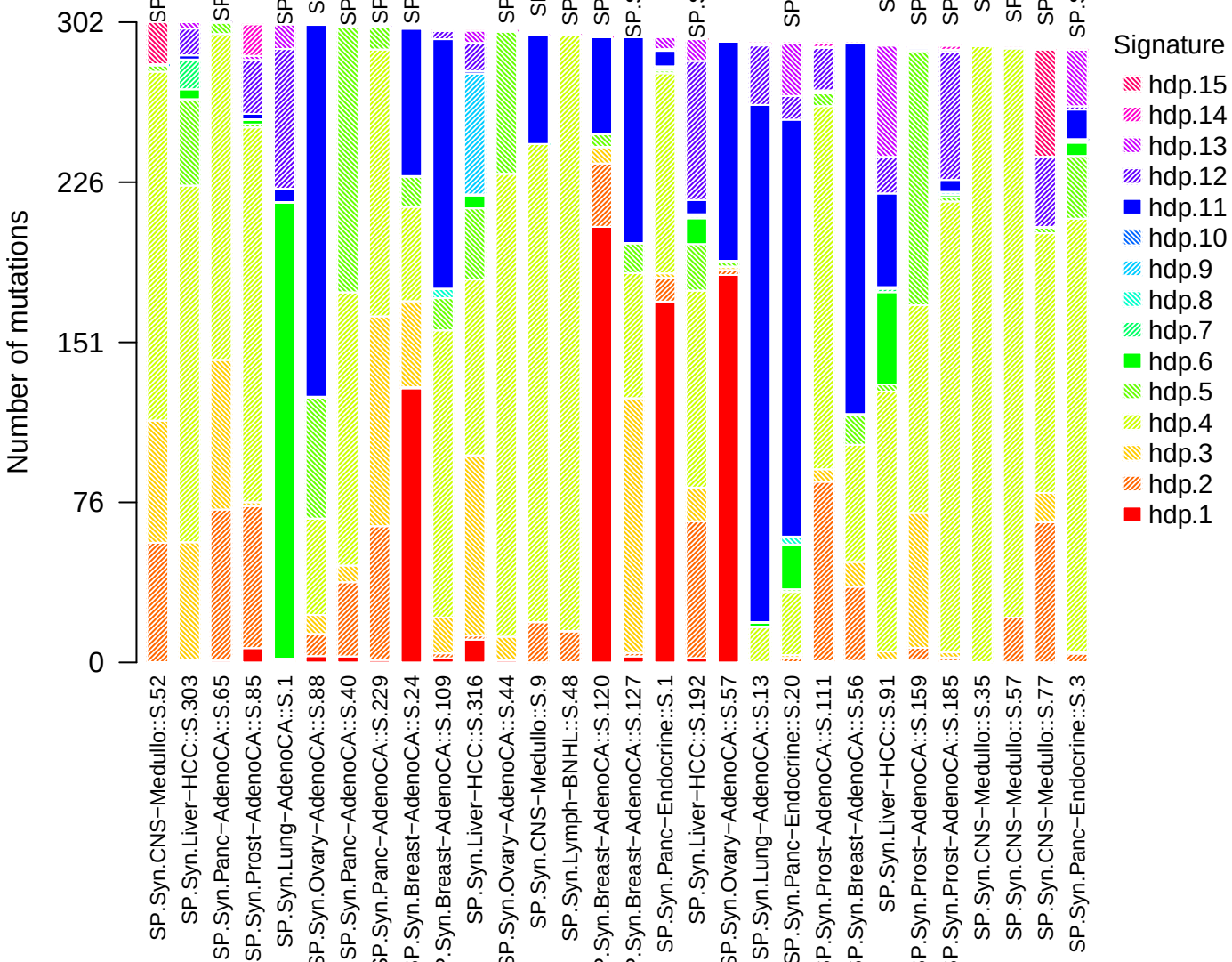
Number of mutations
409
307
204
102
0
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1
SP.Syn.Prost−AdenoCA::S.58
SP.Syn.Liver−HCC::S.253
SP.Syn.Breast−AdenoCA::S.33
SP.Syn.Breast−AdenoCA::S.62
SP.Syn.Lymph−BNHL::S.78
SP.Syn.Prost−AdenoCA::S.212
SP.Syn.Panc−AdenoCA::S.126
SP.Syn.Prost−AdenoCA::S.80
SP.Syn.Uterus−AdenoCA::S.24
SP.Syn.Panc−AdenoCA::S.32
SP.Syn.Head−SCC::S.4
SP.Syn.Panc−AdenoCA::S.154
SP.Syn.Skin−Melanoma::S.89
SP.Syn.Liver−HCC::S.180
SP.Syn.Panc−AdenoCA::S.119
SP.Syn.Prost−AdenoCA::S.86
SP.Syn.Prost−AdenoCA::S.127
SP.Syn.Panc−AdenoCA::S.82
SP.Syn.Skin−Melanoma::S.75
SP.Syn.Breast−AdenoCA::S.8
SP.Syn.Head−SCC::S.49
SP.Syn.Head−SCC::S.11
SP.Syn.Ovary−AdenoCA::S.25
SP.Syn.Panc−AdenoCA::S.196
SP.Syn.Liver−HCC::S.77
SP.Syn.Liver−HCC::S.229
SP.Syn.Panc−AdenoCA::S.153
SP.Syn.Breast−AdenoCA::S.42
SP.Syn.CNS−Medullo::S.73
SP.Syn.Ovary−AdenoCA::S.16
Number of mutations
397
298
198
99
0
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1
SP.Syn.Panc−Endocrine::S.37
SP.Syn.Prost−AdenoCA::S.8
SP.Syn.Prost−AdenoCA::S.84
SP.Syn.Skin−Melanoma::S.68
SP.Syn.Liver−HCC::S.259
SP.Syn.Panc−AdenoCA::S.230
SP.Syn.Uterus−AdenoCA::S.28
SP.Syn.Breast−AdenoCA::S.46
SP.Syn.Lung−AdenoCA::S.4
SP.Syn.Prost−AdenoCA::S.165
.Syn.Stomach−AdenoCA::S.15
SP.Syn.Panc−AdenoCA::S.144
SP.Syn.Lymph−BNHL::S.10
SP.Syn.Lymph−BNHL::S.20
P.Syn.Breast−AdenoCA::S.176
SP.Syn.Skin−Melanoma::S.60
SP.Syn.Liver−HCC::S.239
SP.Syn.Liver−HCC::S.277
SP.Syn.Liver−HCC::S.167
SP.Syn.Prost−AdenoCA::S.138
SP.Syn.CNS−Medullo::S.24
SP.Syn.Lymph−BNHL::S.9
SP.Syn.Liver−HCC::S.154
SP.Syn.Prost−AdenoCA::S.7
SP.Syn.Head−SCC::S.14
SP.Syn.Panc−AdenoCA::S.76
SP.Syn.Prost−AdenoCA::S.95
SP.Syn.Prost−AdenoCA::S.154
SP.Syn.Prost−AdenoCA::S.158
SP.Syn.Prost−AdenoCA::S.191

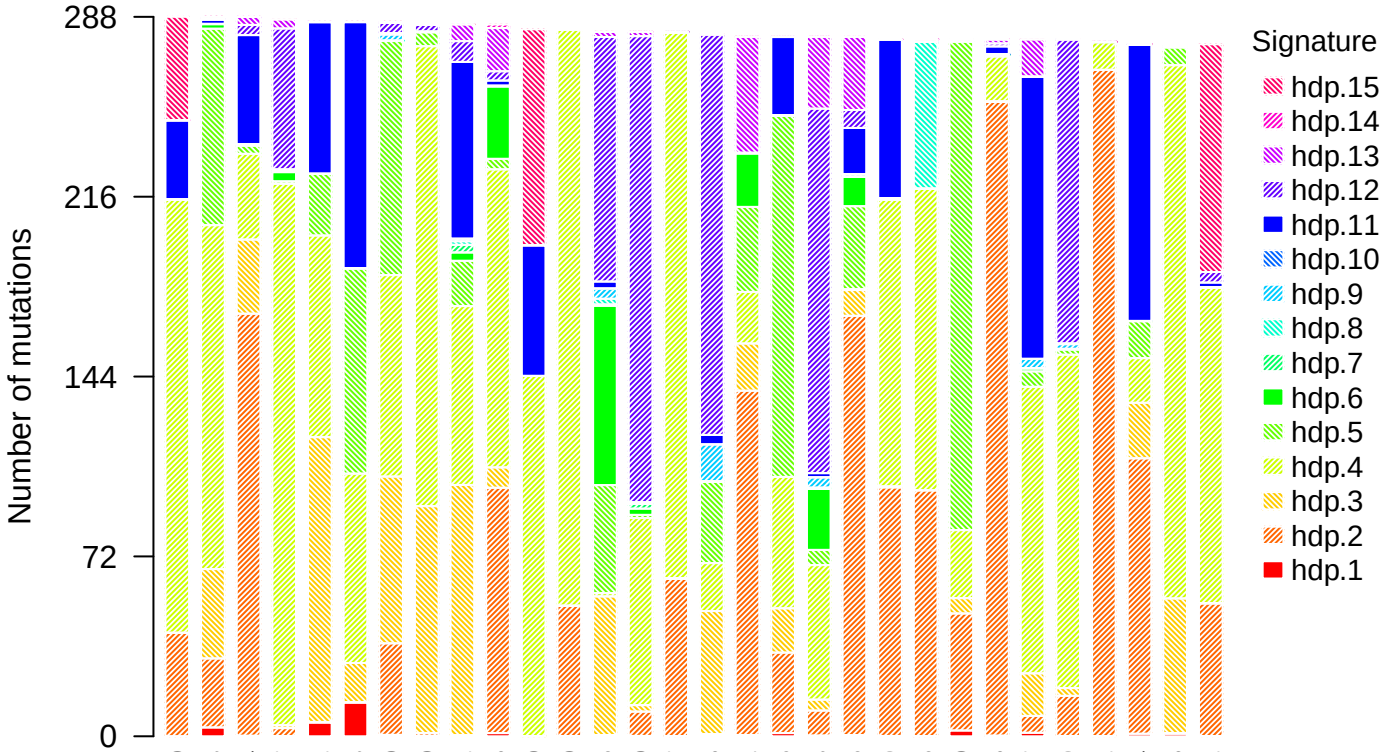

Number of mutations
380
285
190
95
0
SP.Syn.Lymph−BNHL::S.49
SP.Syn.Head−SCC::S.22
SP.Syn.Lymph−BNHL::S.53
SP.Syn.Liver−HCC::S.272
SP.Syn.Panc−AdenoCA::S.28
SP.Syn.Prost−AdenoCA::S.23
SP.Syn.Head−SCC::S.21
SP.Syn.Lymph−BNHL::S.2
SP.Syn.Lymph−BNHL::S.34
SP.Syn.Liver−HCC::S.69
SP.Syn.Prost−AdenoCA::S.215
SP.Syn.Stomach−AdenoCA::S.39
SP.Syn.Head−SCC::S.50
SP.Syn.CNS−Medullo::S.38
SP.Syn.CNS−Medullo::S.42
SP.Syn.Lymph−BNHL::S.85
SP.Syn.Panc−Endocrine::S.39
SP.Syn.Prost−AdenoCA::S.110
SP.Syn.Liver−HCC::S.236
SP.Syn.Skin−Melanoma::S.18
SP.Syn.CNS−Medullo::S.49
SP.Syn.Lymph−BNHL::S.46
SP.Syn.CNS−Medullo::S.43
SP.Syn.Eso−AdenoCA::S.5
SP.Syn.Panc−AdenoCA::S.78
SP.Syn.Prost−AdenoCA::S.126
SP.Syn.Prost−AdenoCA::S.189
SP.Syn.Lymph−BNHL::S.23
SP.Syn.Kidney−RCC::S.97
SP.Syn.Lymph−BNHL::S.104
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

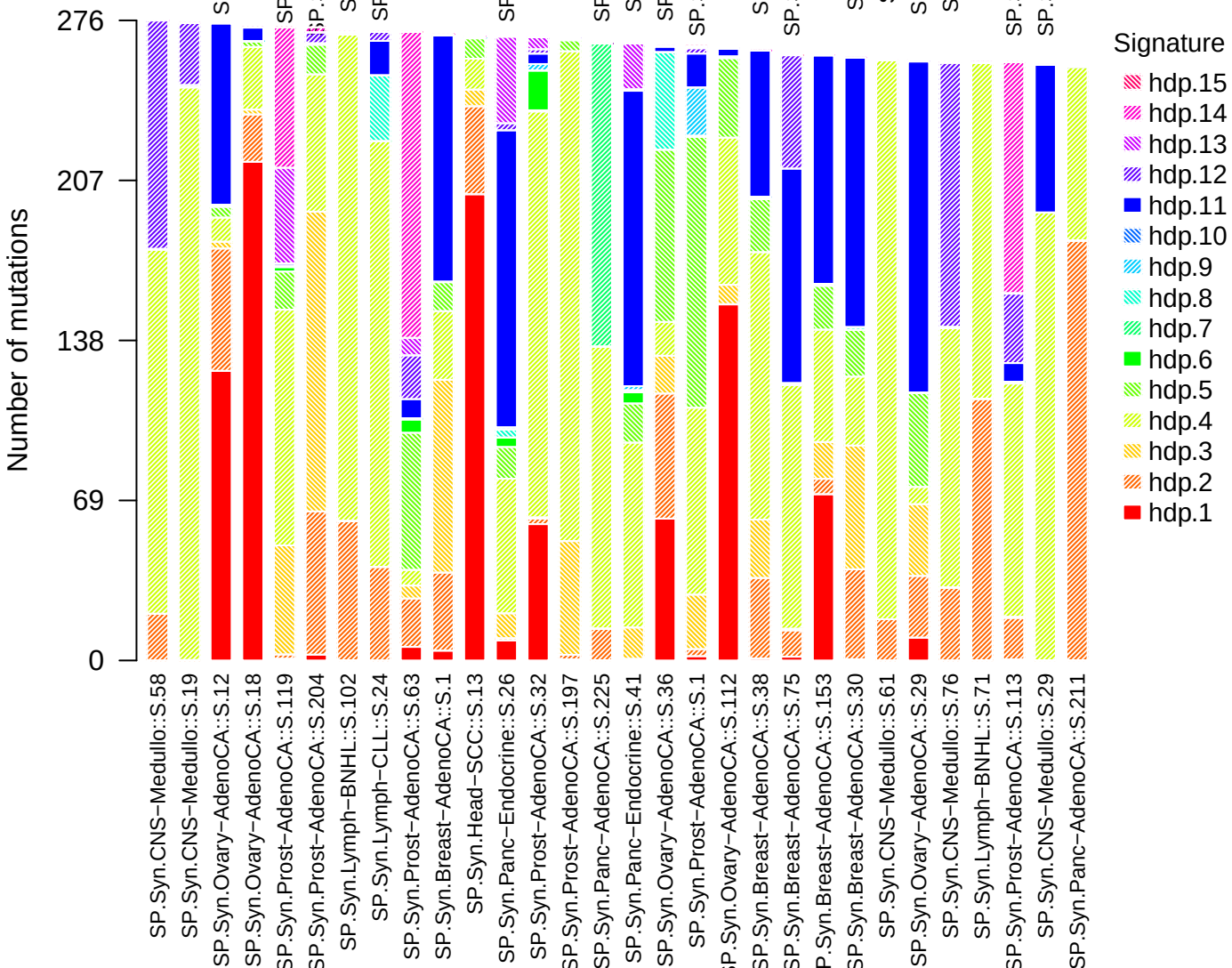

Number of mutations
365
274
182
91
0
SP.Syn.Breast−AdenoCA::S.58
.Syn.ColoRect−AdenoCA::S.12
P.Syn.Breast−AdenoCA::S.150
SP.Syn.Liver−HCC::S.242
SP.Syn.Lymph−BNHL::S.69
SP.Syn.Ovary−AdenoCA::S.39
SP.Syn.Panc−AdenoCA::S.2
SP.Syn.Liver−HCC::S.278
SP.Syn.Prost−AdenoCA::S.140
SP.Syn.CNS−Medullo::S.10
SP.Syn.Ovary−AdenoCA::S.93
SP.Syn.Panc−AdenoCA::S.193
SP.Syn.Ovary−AdenoCA::S.54
SP.Syn.CNS−Medullo::S.82
SP.Syn.Head−SCC::S.24
SP.Syn.Lung−AdenoCA::S.6
SP.Syn.Panc−AdenoCA::S.124
SP.Syn.Panc−Endocrine::S.35
P.Syn.Breast−AdenoCA::S.148
SP.Syn.Breast−AdenoCA::S.94
SP.Syn.Panc−AdenoCA::S.235
SP.Syn.Lymph−CLL::S.58
SP.Syn.Panc−AdenoCA::S.99
SP.Syn.Panc−AdenoCA::S.21
SP.Syn.Breast−AdenoCA::S.23
SP.Syn.Breast−AdenoCA::S.89
P.Syn.Ovary−AdenoCA::S.103
SP.Syn.CNS−Medullo::S.7
SP.Syn.Prost−AdenoCA::S.136
SP.Syn.Head−SCC::S.25
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

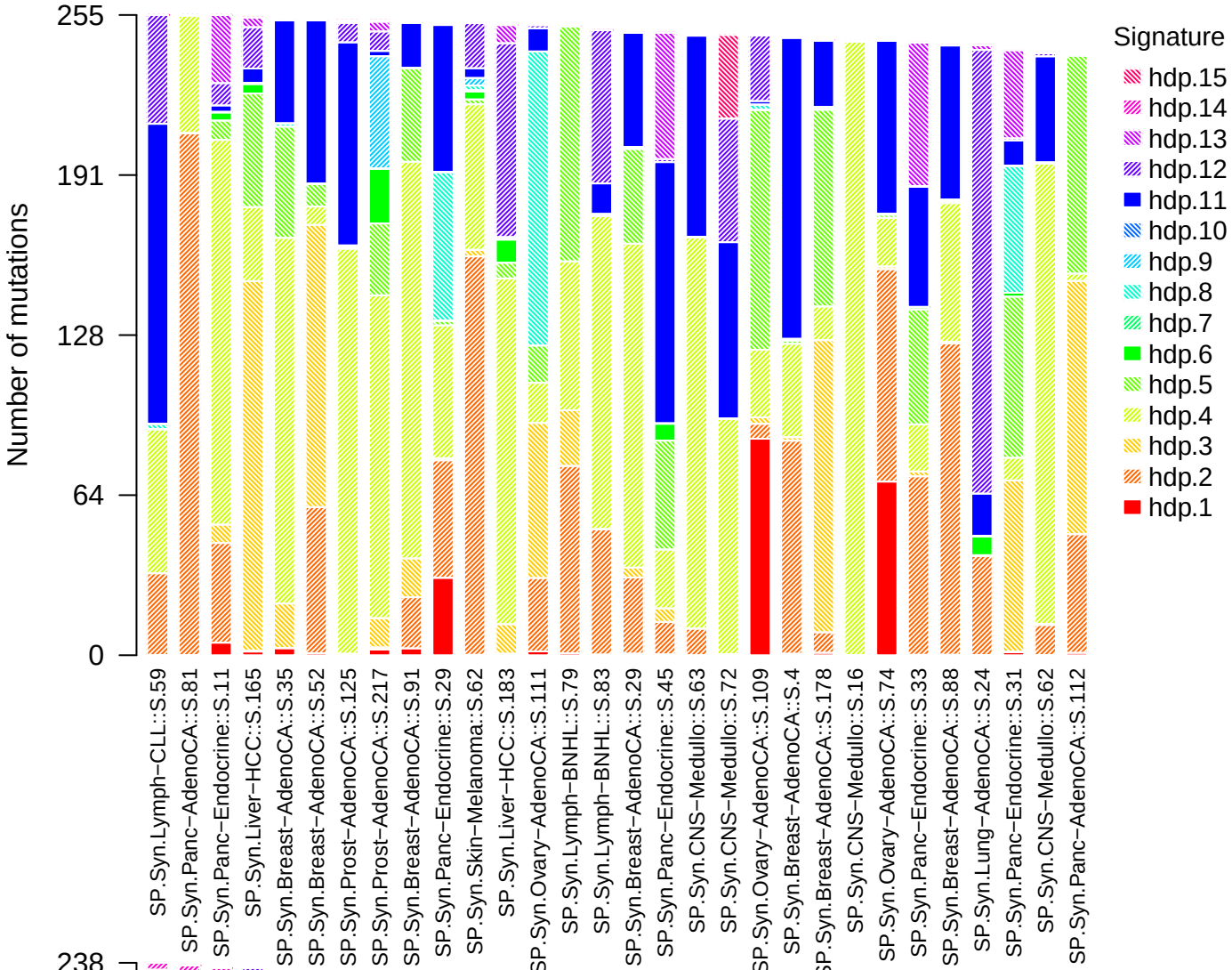
Number of mutations
350
262
175
88
0
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1
SP.Syn.Breast−AdenoCA::S.15
SP.Syn.Breast−AdenoCA::S.157
SP.Syn.Liver−HCC::S.31
SP.Syn.CNS−Medullo::S.30
SP.Syn.Panc−AdenoCA::S.170
SP.Syn.Stomach−AdenoCA::S.17
SP.Syn.Prost−AdenoCA::S.13
SP.Syn.Prost−AdenoCA::S.194
SP.Syn.Uterus−AdenoCA::S.36
SP.Syn.Lung−AdenoCA::S.12
SP.Syn.Breast−AdenoCA::S.156
SP.Syn.Liver−HCC::S.60
SP.Syn.Liver−HCC::S.268
SP.Syn.Breast−AdenoCA::S.187
SP.Syn.Stomach−AdenoCA::S.30
SP.Syn.Breast−AdenoCA::S.116
SP.Syn.Prost−AdenoCA::S.120
SP.Syn.Breast−AdenoCA::S.96
SP.Syn.Breast−AdenoCA::S.184
SP.Syn.Head−SCC::S.33
SP.Syn.Breast−AdenoCA::S.147
SP.Syn.Uterus−AdenoCA::S.38
SP.Syn.Biliary−AdenoCA::S.19
SP.Syn.Liver−HCC::S.111
SP.Syn.Lymph−BNHL::S.95
SP.Syn.Prost−AdenoCA::S.44
SP.Syn.Breast−AdenoCA::S.93
SP.Syn.Liver−HCC::S.238
SP.Syn.Breast−AdenoCA::S.183
SP.Syn.Prost−AdenoCA::S.45
Number of mutations
335
251
168
84
0
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1
SP.Syn.CNS−Medullo::S.26
SP.Syn.Lung−AdenoCA::S.11
SP.Syn.Breast−AdenoCA::S.158
SP.Syn.Lymph−BNHL::S.90
SP.Syn.Panc−AdenoCA::S.36
SP.Syn.Eso−AdenoCA::S.13
SP.Syn.Liver−HCC::S.49
SP.Syn.Lymph−BNHL::S.75
SP.Syn.Breast−AdenoCA::S.108
SP.Syn.Eso−AdenoCA::S.22
SP.Syn.Prost−AdenoCA::S.89
SP.Syn.Skin−Melanoma::S.93
SP.Syn.Breast−AdenoCA::S.65
SP.Syn.CNS−Medullo::S.39
SP.Syn.Prost−AdenoCA::S.9
SP.Syn.Prost−AdenoCA::S.202
SP.Syn.Prost−AdenoCA::S.226
SP.Syn.Panc−AdenoCA::S.120
SP.Syn.Prost−AdenoCA::S.177
SP.Syn.Stomach−AdenoCA::S.8
SP.Syn.Breast−AdenoCA::S.2
SP.Syn.Prost−AdenoCA::S.153
SP.Syn.Panc−AdenoCA::S.22
SP.Syn.CNS−Medullo::S.25
SP.Syn.Breast−AdenoCA::S.68
SP.Syn.CNS−Medullo::S.70
SP.Syn.Liver−HCC::S.14
SP.Syn.Lymph−BNHL::S.89
SP.Syn.Breast−AdenoCA::S.114
SP.Syn.Breast−AdenoCA::S.161

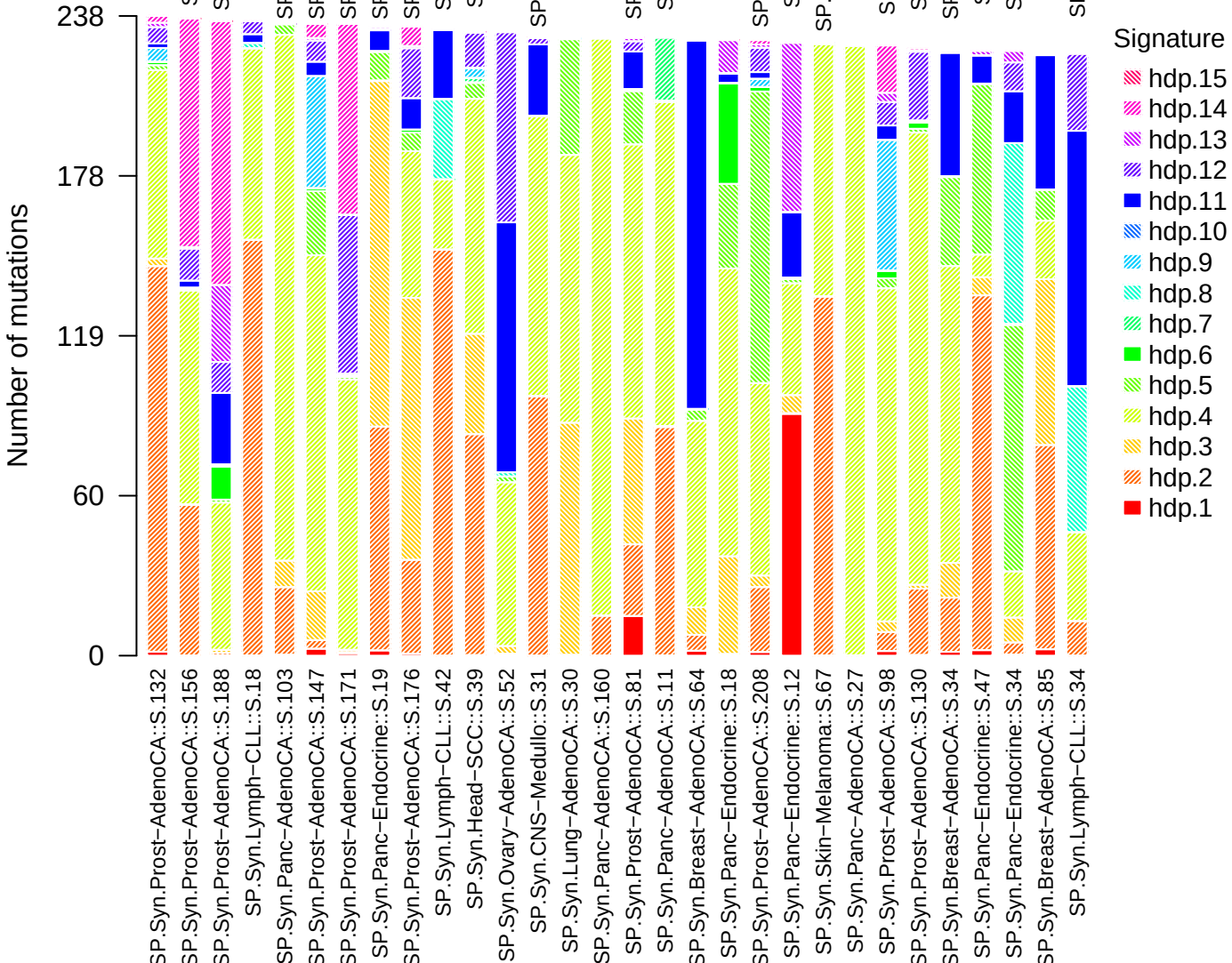

Number of mutations
320
240
160
80
0
SP.Syn.Panc−AdenoCA::S.189
SP.Syn.CNS−Medullo::S.27
SP.Syn.Ovary−AdenoCA::S.37
SP.Syn.CNS−Medullo::S.45
SP.Syn.Breast−AdenoCA::S.81
SP.Syn.Prost−AdenoCA::S.56
SP.Syn.Prost−AdenoCA::S.169
SP.Syn.Panc−AdenoCA::S.132
SP.Syn.Panc−AdenoCA::S.159
SP.Syn.Lymph−BNHL::S.82
SP.Syn.CNS−Medullo::S.79
SP.Syn.Panc−AdenoCA::S.128
SP.Syn.Panc−Endocrine::S.24
SP.Syn.Prost−AdenoCA::S.168
SP.Syn.Prost−AdenoCA::S.213
SP.Syn.Breast−AdenoCA::S.143
SP.Syn.Kidney−RCC::S.113
SP.Syn.Breast−AdenoCA::S.160
SP.Syn.CNS−Medullo::S.18
SP.Syn.Liver−HCC::S.254
SP.Syn.Uterus−AdenoCA::S.22
SP.Syn.Liver−HCC::S.159
SP.Syn.CNS−Medullo::S.47
SP.Syn.Panc−AdenoCA::S.29
SP.Syn.Prost−AdenoCA::S.193
SP.Syn.Breast−AdenoCA::S.83
SP.Syn.Panc−AdenoCA::S.46
SP.Syn.Biliary−AdenoCA::S.15
SP.Syn.Breast−AdenoCA::S.61
SP.Syn.Breast−AdenoCA::S.180
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

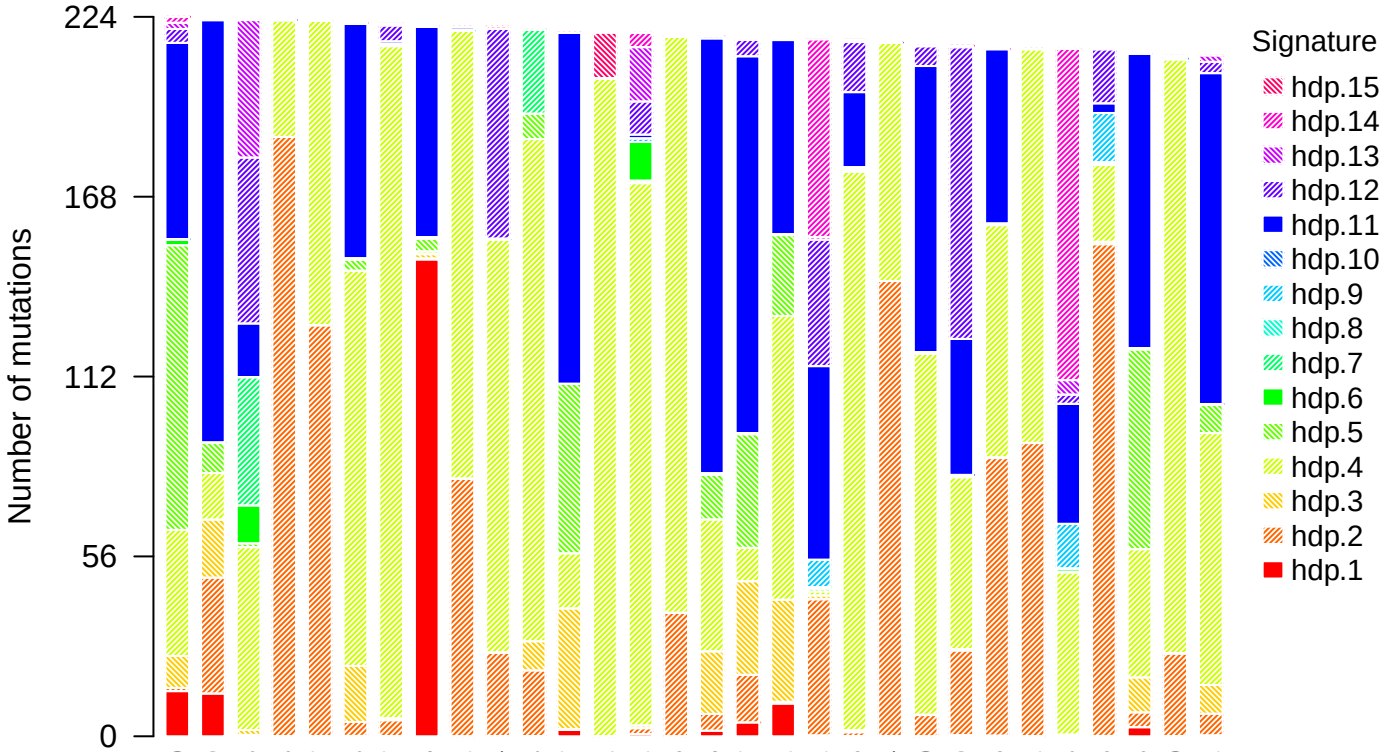

Number of mutations
302
226
151
76
0
SP.Syn.CNS−Medullo::S.52
SP.Syn.Liver−HCC::S.303
SP.Syn.Panc−AdenoCA::S.65
SP.Syn.Prost−AdenoCA::S.85
SP.Syn.Lung−AdenoCA::S.1
SP.Syn.Ovary−AdenoCA::S.88
SP.Syn.Panc−AdenoCA::S.40
SP.Syn.Panc−AdenoCA::S.229
SP.Syn.Breast−AdenoCA::S.24
SP.Syn.Breast−AdenoCA::S.109
SP.Syn.Liver−HCC::S.316
SP.Syn.Ovary−AdenoCA::S.44
SP.Syn.CNS−Medullo::S.9
SP.Syn.Lymph−BNHL::S.48
SP.Syn.Breast−AdenoCA::S.120
SP.Syn.Breast−AdenoCA::S.127
SP.Syn.Panc−Endocrine::S.1
SP.Syn.Liver−HCC::S.192
SP.Syn.Ovary−AdenoCA::S.57
SP.Syn.Lung−AdenoCA::S.13
SP.Syn.Panc−Endocrine::S.20
SP.Syn.Prost−AdenoCA::S.111
SP.Syn.Breast−AdenoCA::S.56
SP.Syn.Liver−HCC::S.91
SP.Syn.Prost−AdenoCA::S.159
SP.Syn.Prost−AdenoCA::S.185
SP.Syn.CNS−Medullo::S.35
SP.Syn.CNS−Medullo::S.57
SP.Syn.CNS−Medullo::S.77
SP.Syn.Panc−Endocrine::S.3
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

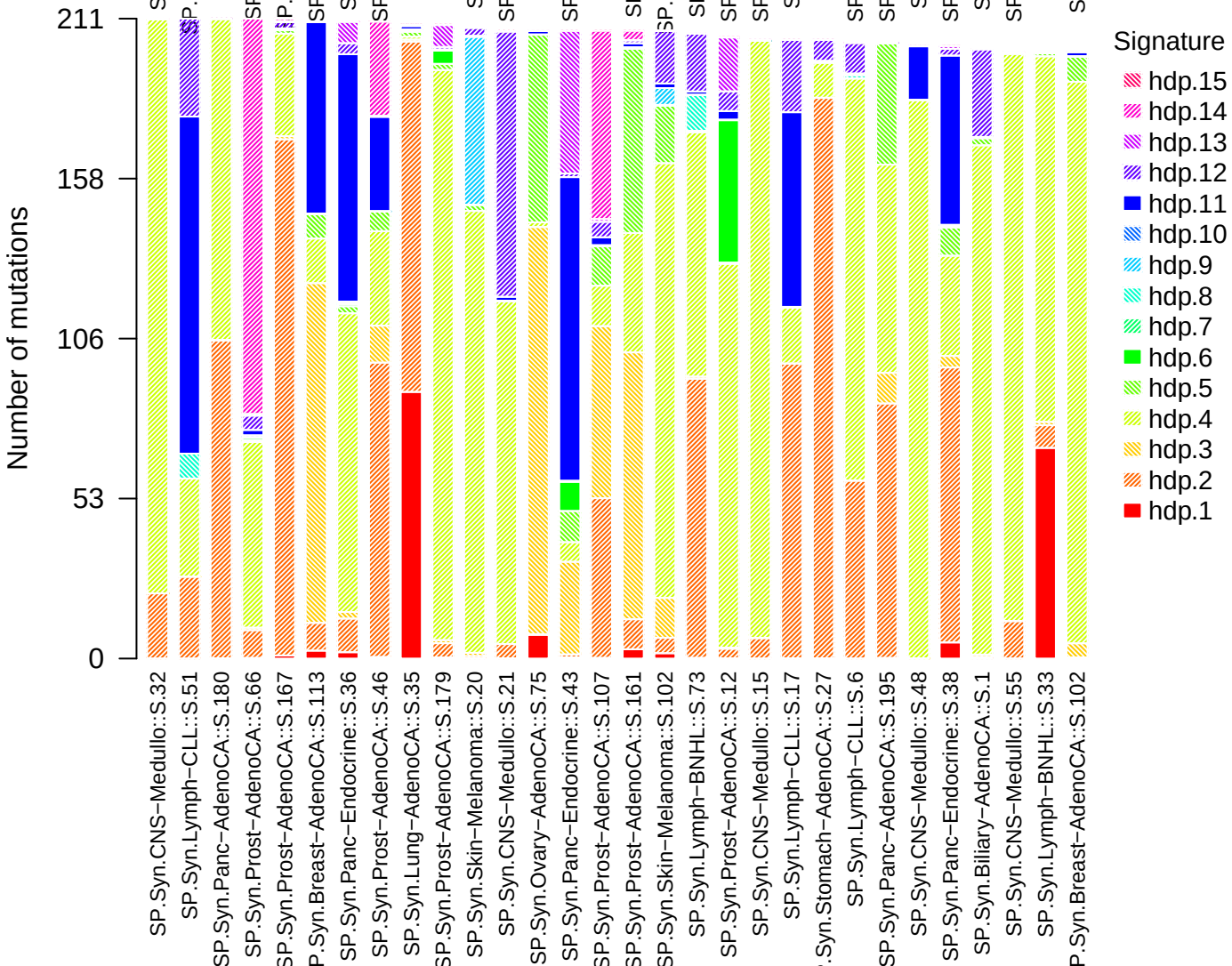

Number of mutations
288
216
144
72
0
SP.Syn.CNS−Medullo::S.40
SP.Syn.Head−SCC::S.3
SP.Syn.Panc−Endocrine::S.14
SP.Syn.Liver−HCC::S.127
SP.Syn.Breast−AdenoCA::S.72
SP.Syn.Breast−AdenoCA::S.133
SP.Syn.Prost−AdenoCA::S.40
SP.Syn.Biliary−AdenoCA::S.20
SP.Syn.Kidney−RCC::S.122
SP.Syn.Prost−AdenoCA::S.5
SP.Syn.CNS−Medullo::S.80
SP.Syn.Panc−AdenoCA::S.220
SP.Syn.Kidney−RCC::S.106
SP.Syn.Liver−HCC::S.220
SP.Syn.Panc−AdenoCA::S.227
SP.Syn.Skin−Melanoma::S.45
SP.Syn.Biliary−AdenoCA::S.21
SP.Syn.Breast−AdenoCA::S.146
SP.Syn.Liver−HCC::S.38
SP.Syn.Panc−Endocrine::S.46
SP.Syn.Breast−AdenoCA::S.149
SP.Syn.Lymph−BNHL::S.76
SP.Syn.Panc−AdenoCA::S.30
SP.Syn.Panc−Endocrine::S.5
SP.Syn.Panc−Endocrine::S.27
SP.Syn.Skin−Melanoma::S.39
SP.Syn.Lymph−BNHL::S.52
SP.Syn.Breast−AdenoCA::S.104
SP.Syn.Breast−AdenoCA::S.185
SP.Syn.CNS−Medullo::S.22
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

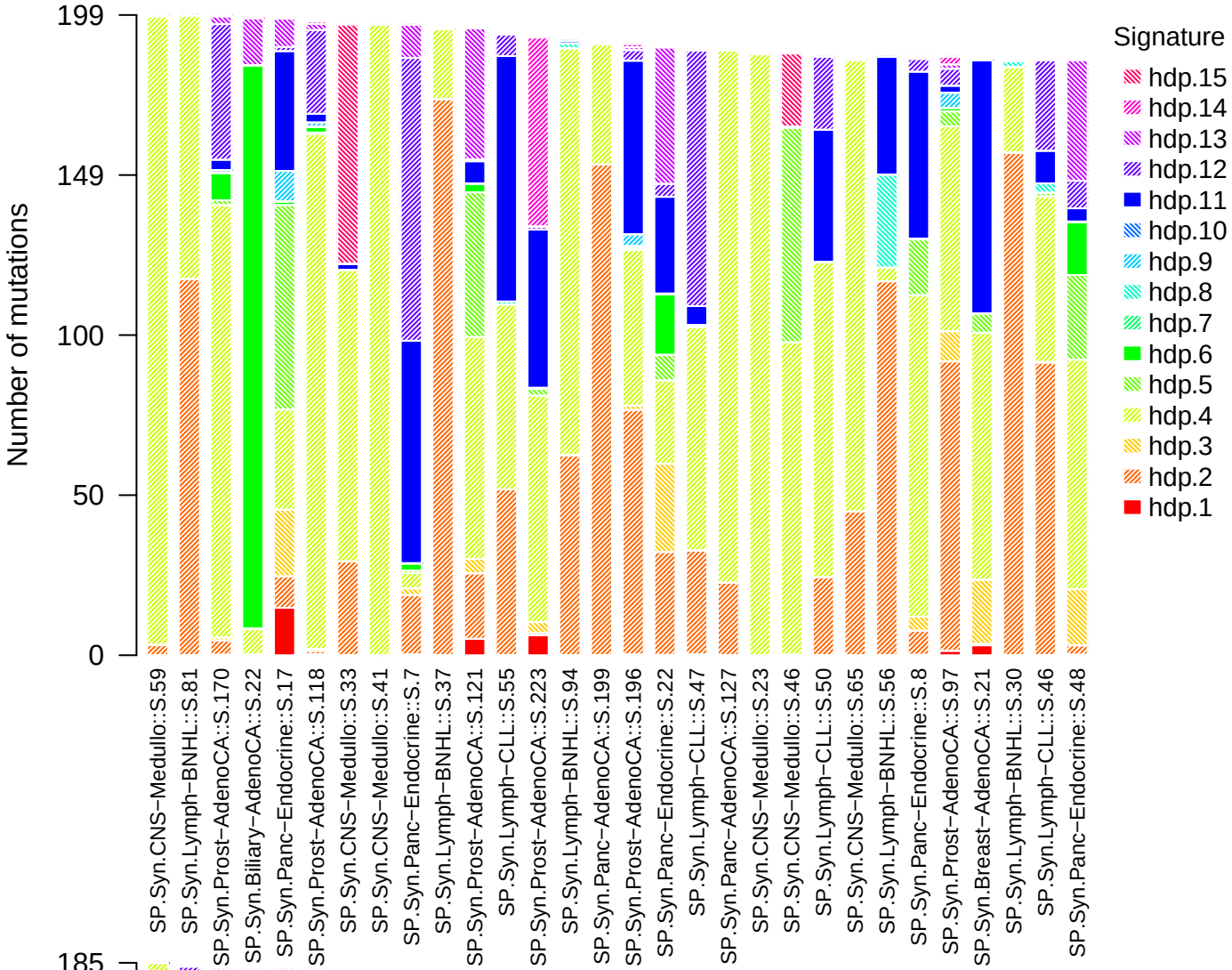

Number of mutations
276
207
138
69
0
SP.Syn.CNS−Medullo::S.58
SP.Syn.CNS−Medullo::S.19
SP.Syn.Ovary−AdenoCA::S.12
SP.Syn.Ovary−AdenoCA::S.18
SP.Syn.Prost−AdenoCA::S.119
SP.Syn.Prost−AdenoCA::S.204
SP.Syn.Lymph−BNHL::S.102
SP.Syn.Lymph−CLL::S.24
SP.Syn.Prost−AdenoCA::S.63
SP.Syn.Breast−AdenoCA::S.1
SP.Syn.Head−SCC::S.13
SP.Syn.Panc−Endocrine::S.26
SP.Syn.Prost−AdenoCA::S.32
SP.Syn.Prost−AdenoCA::S.197
SP.Syn.Panc−AdenoCA::S.225
SP.Syn.Panc−Endocrine::S.41
SP.Syn.Ovary−AdenoCA::S.36
SP.Syn.Prost−AdenoCA::S.1
SP.Syn.Ovary−AdenoCA::S.112
SP.Syn.Breast−AdenoCA::S.38
SP.Syn.Breast−AdenoCA::S.75
SP.Syn.Breast−AdenoCA::S.153
SP.Syn.Breast−AdenoCA::S.30
SP.Syn.CNS−Medullo::S.61
SP.Syn.Ovary−AdenoCA::S.29
SP.Syn.CNS−Medullo::S.76
SP.Syn.Lymph−BNHL::S.71
SP.Syn.Prost−AdenoCA::S.113
SP.Syn.CNS−Medullo::S.29
SP.Syn.Panc−AdenoCA::S.211
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

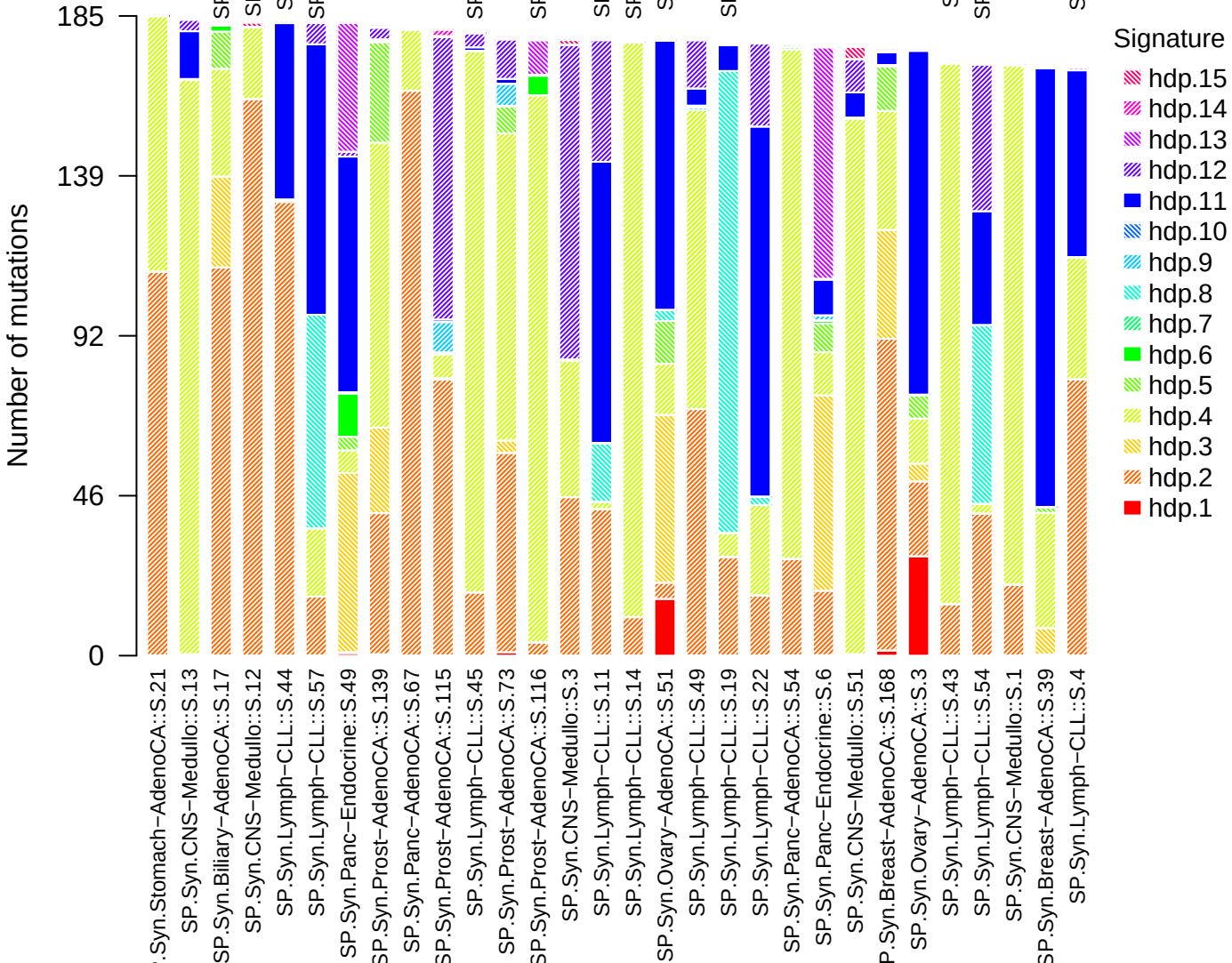

Number of mutations
255
191
128
64
0
SP.Syn.Lymph−CLL::S.59
SP.Syn.Panc−AdenoCA::S.81
SP.Syn.Panc−Endocrine::S.11
SP.Syn.Liver−HCC::S.165
SP.Syn.Breast−AdenoCA::S.35
SP.Syn.Breast−AdenoCA::S.52
SP.Syn.Prost−AdenoCA::S.125
SP.Syn.Prost−AdenoCA::S.217
SP.Syn.Breast−AdenoCA::S.91
SP.Syn.Panc−Endocrine::S.29
SP.Syn.Skin−Melanoma::S.62
SP.Syn.Liver−HCC::S.183
SP.Syn.Ovary−AdenoCA::S.111
SP.Syn.Lymph−BNHL::S.79
SP.Syn.Lymph−BNHL::S.83
SP.Syn.Breast−AdenoCA::S.29
SP.Syn.Panc−Endocrine::S.45
SP.Syn.CNS−Medullo::S.63
SP.Syn.CNS−Medullo::S.72
SP.Syn.Ovary−AdenoCA::S.109
SP.Syn.Breast−AdenoCA::S.4
SP.Syn.Breast−AdenoCA::S.178
SP.Syn.CNS−Medullo::S.16
SP.Syn.Ovary−AdenoCA::S.74
SP.Syn.Panc−Endocrine::S.33
SP.Syn.Breast−AdenoCA::S.88
SP.Syn.Lung−AdenoCA::S.24
SP.Syn.Panc−Endocrine::S.31
SP.Syn.CNS−Medullo::S.62
SP.Syn.Panc−AdenoCA::S.112
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

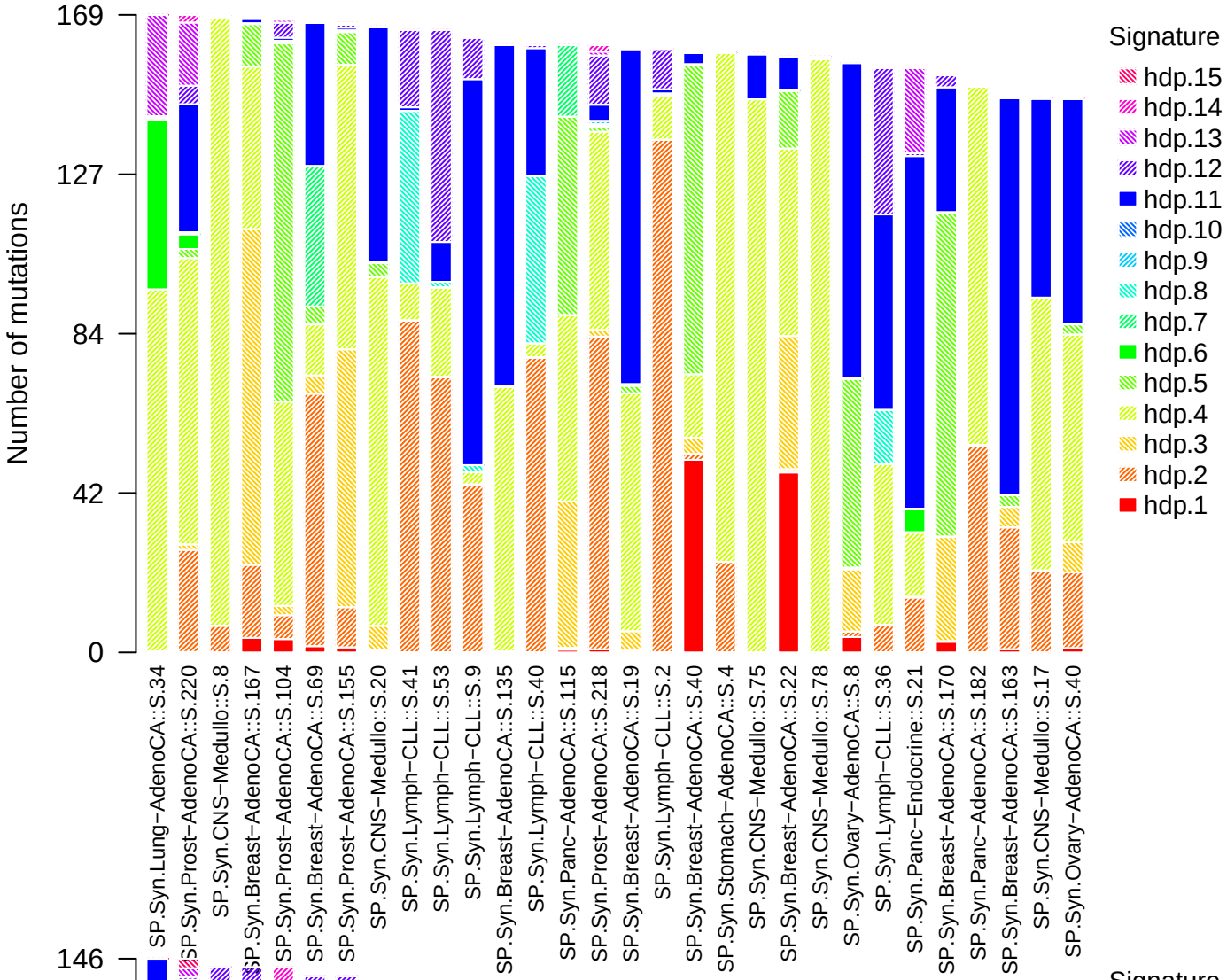

Number of mutations
238
178
119
60
0
SP.Syn.Prost−AdenoCA::S.132
SP.Syn.Prost−AdenoCA::S.156
SP.Syn.Prost−AdenoCA::S.188
SP.Syn.Lymph−CLL::S.18
SP.Syn.Panc−AdenoCA::S.103
SP.Syn.Prost−AdenoCA::S.147
SP.Syn.Prost−AdenoCA::S.171
SP.Syn.Panc−Endocrine::S.19
SP.Syn.Prost−AdenoCA::S.176
SP.Syn.Lymph−CLL::S.42
SP.Syn.Head−SCC::S.39
SP.Syn.Ovary−AdenoCA::S.52
SP.Syn.CNS−Medullo::S.31
SP.Syn.Lung−AdenoCA::S.30
SP.Syn.Panc−AdenoCA::S.160
SP.Syn.Prost−AdenoCA::S.81
SP.Syn.Panc−AdenoCA::S.11
SP.Syn.Breast−AdenoCA::S.64
SP.Syn.Panc−Endocrine::S.18
SP.Syn.Prost−AdenoCA::S.208
SP.Syn.Panc−Endocrine::S.12
SP.Syn.Skin−Melanoma::S.67
SP.Syn.Panc−AdenoCA::S.27
SP.Syn.Prost−AdenoCA::S.98
SP.Syn.Prost−AdenoCA::S.130
SP.Syn.Breast−AdenoCA::S.34
SP.Syn.Panc−Endocrine::S.47
SP.Syn.Panc−Endocrine::S.34
SP.Syn.Breast−AdenoCA::S.85
SP.Syn.Lymph−CLL::S.34
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

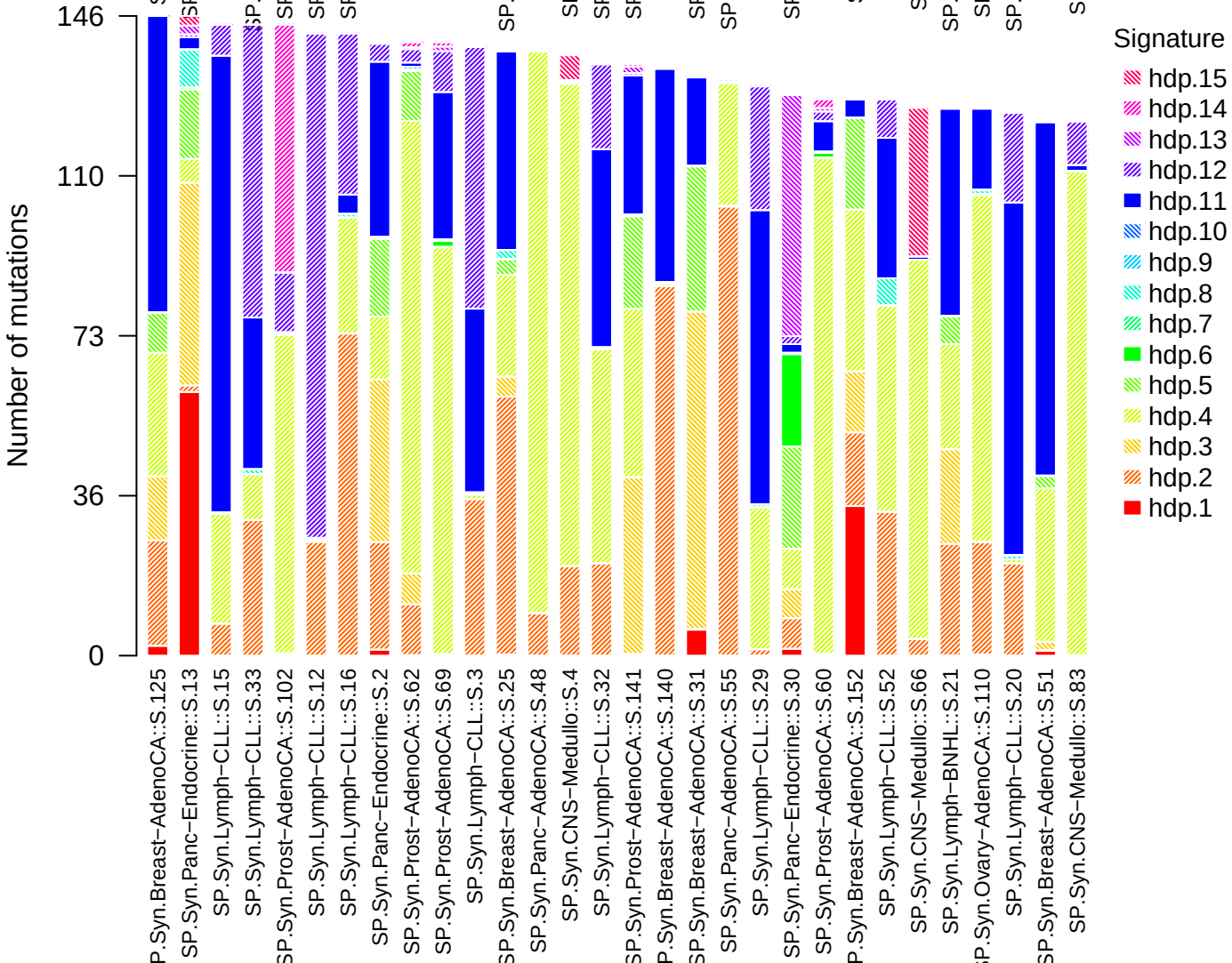

Number of mutations
224
168
112
56
0
SP.Syn.Prost−AdenoCA::S.10
SP.Syn.Breast−AdenoCA::S.139
SP.Syn.Liver−HCC::S.103
SP.Syn.Panc−AdenoCA::S.148
SP.Syn.Stomach−AdenoCA::S.7
SP.Syn.Breast−AdenoCA::S.63
SP.Syn.Prost−AdenoCA::S.77
SP.Syn.Breast−AdenoCA::S.45
SP.Syn.CNS−Medullo::S.2
SP.Syn.CNS−Medullo::S.64
SP.Syn.Panc−AdenoCA::S.23
SP.Syn.Breast−AdenoCA::S.47
SP.Syn.CNS−Medullo::S.71
SP.Syn.Prost−AdenoCA::S.162
SP.Syn.CNS−Medullo::S.36
SP.Syn.Ovary−AdenoCA::S.15
SP.Syn.Breast−AdenoCA::S.117
SP.Syn.Ovary−AdenoCA::S.22
SP.Syn.Prost−AdenoCA::S.112
SP.Syn.Prost−AdenoCA::S.146
SP.Syn.Panc−AdenoCA::S.84
SP.Syn.CNS−Medullo::S.50
SP.Syn.Prost−AdenoCA::S.209
SP.Syn.Breast−AdenoCA::S.66
SP.Syn.Panc−AdenoCA::S.12
SP.Syn.Prost−AdenoCA::S.103
SP.Syn.Skin−Melanoma::S.36
SP.Syn.Breast−AdenoCA::S.48
SP.Syn.Head−SCC::S.30
SP.Syn.Panc−Endocrine::S.42
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

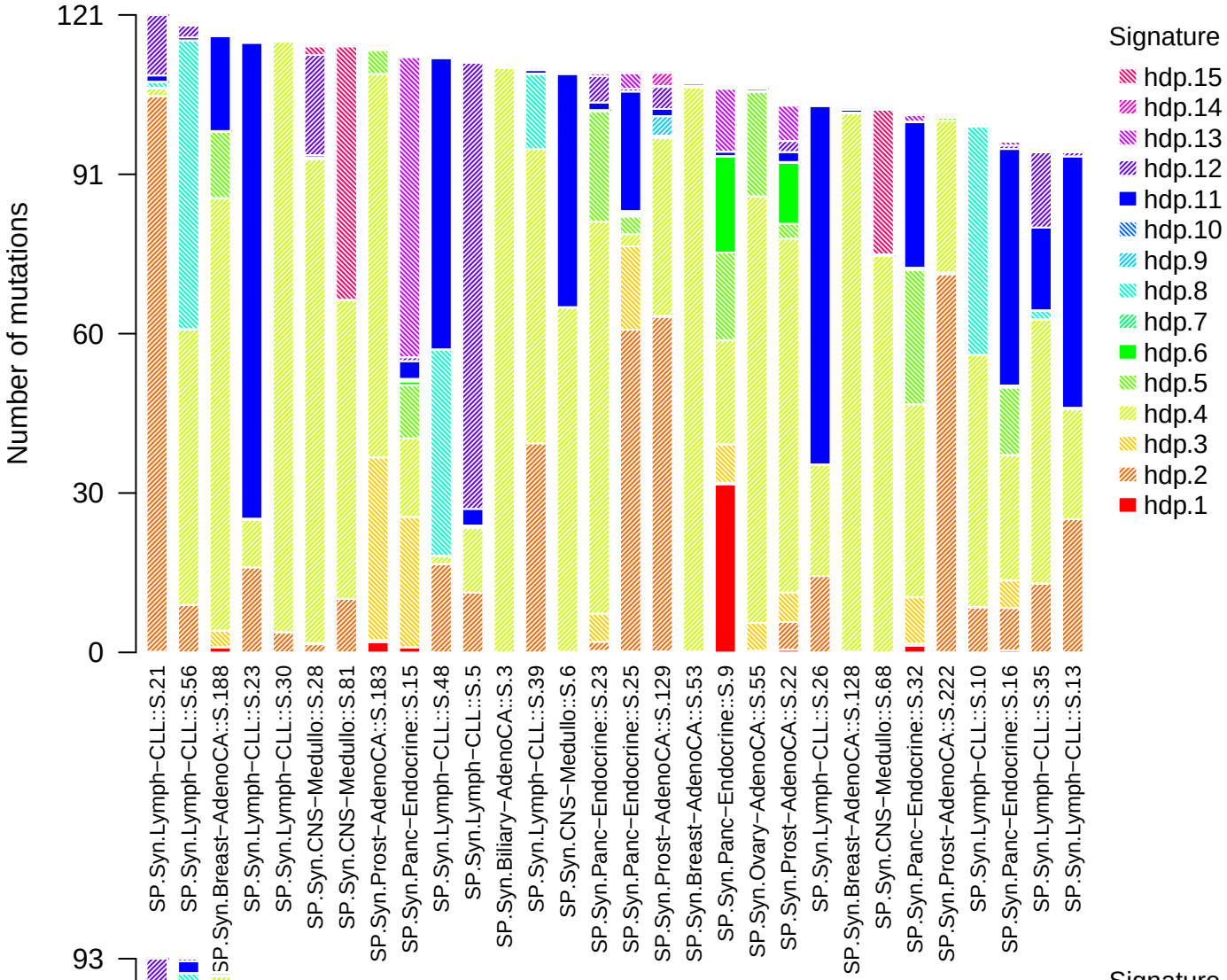

Number of mutations
211
158
106
53
0
SP.Syn.CNS−Medullo::S.32
SP.Syn.Lymph−CLL::S.51
SP.Syn.Panc−AdenoCA::S.180
SP.Syn.Prost−AdenoCA::S.66
SP.Syn.Prost−AdenoCA::S.167
SP.Syn.Breast−AdenoCA::S.113
SP.Syn.Panc−Endocrine::S.36
SP.Syn.Prost−AdenoCA::S.46
SP.Syn.Lung−AdenoCA::S.35
SP.Syn.Prost−AdenoCA::S.179
SP.Syn.Skin−Melanoma::S.20
SP.Syn.CNS−Medullo::S.21
SP.Syn.Ovary−AdenoCA::S.75
SP.Syn.Panc−Endocrine::S.43
SP.Syn.Prost−AdenoCA::S.107
SP.Syn.Prost−AdenoCA::S.161
SP.Syn.Skin−Melanoma::S.102
SP.Syn.Lymph−BNHL::S.73
SP.Syn.Prost−AdenoCA::S.12
SP.Syn.CNS−Medullo::S.15
SP.Syn.Lymph−CLL::S.17
SP.Syn.Stomach−AdenoCA::S.27
SP.Syn.Lymph−CLL::S.6
SP.Syn.Panc−AdenoCA::S.195
SP.Syn.CNS−Medullo::S.48
SP.Syn.Panc−Endocrine::S.38
SP.Syn.Biliary−AdenoCA::S.1
SP.Syn.CNS−Medullo::S.55
SP.Syn.Lymph−BNHL::S.33
SP.Syn.Breast−AdenoCA::S.102
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1

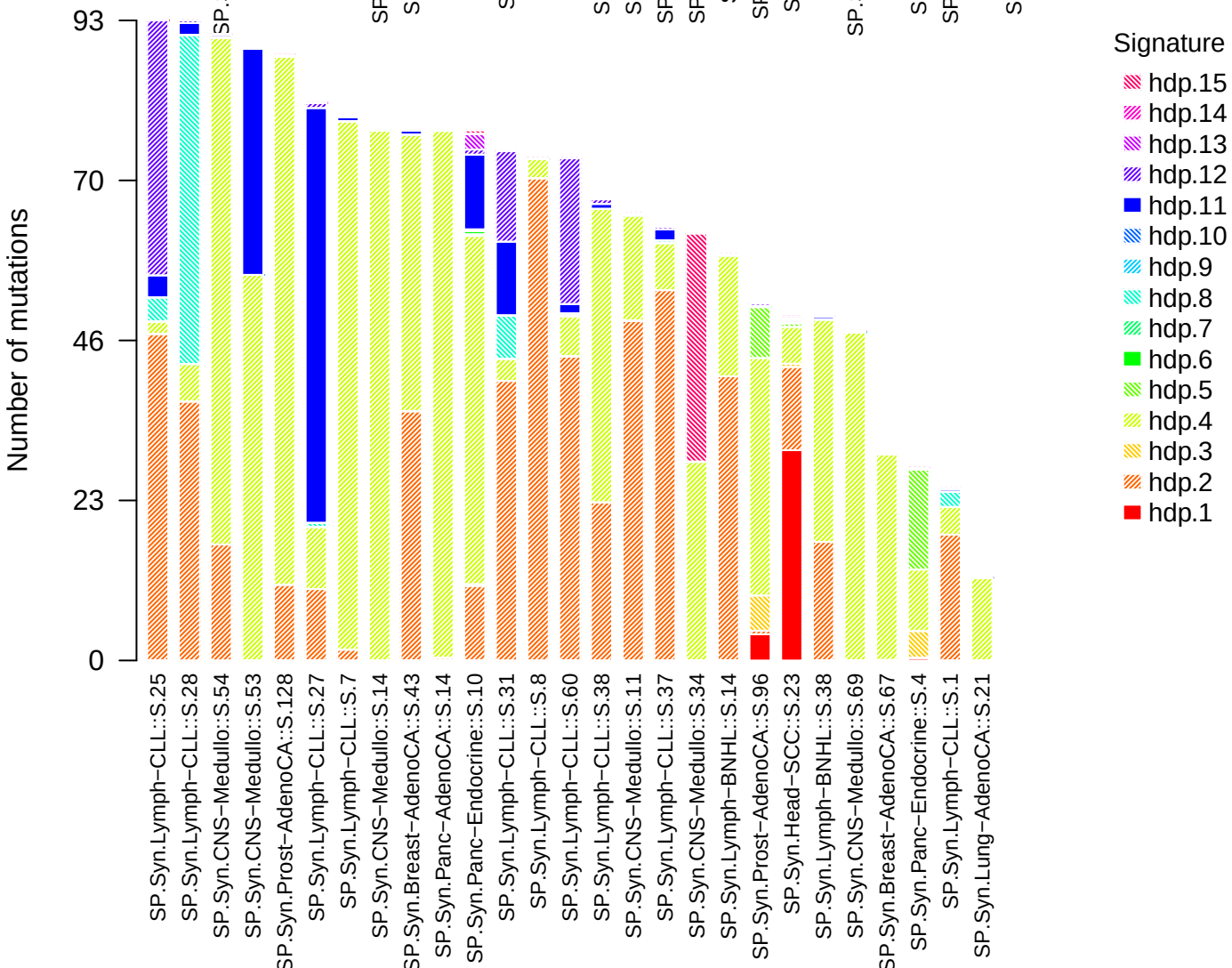

Number of mutations
199
149
100
50
0
SP.Syn.CNS−Medullo::S.59
SP.Syn.Lymph−BNHL::S.81
SP.Syn.Prost−AdenoCA::S.170
SP.Syn.Biliary−AdenoCA::S.22
SP.Syn.Panc−Endocrine::S.17
SP.Syn.Prost−AdenoCA::S.118
SP.Syn.CNS−Medullo::S.33
SP.Syn.CNS−Medullo::S.41
SP.Syn.Panc−Endocrine::S.7
SP.Syn.Lymph−BNHL::S.37
SP.Syn.Prost−AdenoCA::S.121
SP.Syn.Lymph−CLL::S.55
SP.Syn.Prost−AdenoCA::S.223
SP.Syn.Lymph−BNHL::S.94
SP.Syn.Panc−AdenoCA::S.199
SP.Syn.Prost−AdenoCA::S.196
SP.Syn.Panc−Endocrine::S.22
SP.Syn.Lymph−CLL::S.47
SP.Syn.Panc−AdenoCA::S.127
SP.Syn.CNS−Medullo::S.23
SP.Syn.CNS−Medullo::S.46
SP.Syn.Lymph−CLL::S.50
SP.Syn.CNS−Medullo::S.65
SP.Syn.Lymph−BNHL::S.56
SP.Syn.Panc−Endocrine::S.8
SP.Syn.Prost−AdenoCA::S.97
SP.Syn.Breast−AdenoCA::S.21
SP.Syn.Lymph−BNHL::S.30
SP.Syn.Lymph−CLL::S.46
SP.Syn.Panc−Endocrine::S.48
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1


Number of mutations
185
139
92
46
0
.Syn.Stomach−AdenoCA::S.21
SP.Syn.CNS−Medullo::S.13
SP.Syn.Biliary−AdenoCA::S.17
SP.Syn.CNS−Medullo::S.12
SP.Syn.Lymph−CLL::S.44
SP.Syn.Lymph−CLL::S.57
SP.Syn.Panc−Endocrine::S.49
SP.Syn.Prost−AdenoCA::S.139
SP.Syn.Panc−AdenoCA::S.67
SP.Syn.Prost−AdenoCA::S.115
SP.Syn.Lymph−CLL::S.45
SP.Syn.Prost−AdenoCA::S.73
SP.Syn.Prost−AdenoCA::S.116
SP.Syn.CNS−Medullo::S.3
SP.Syn.Lymph−CLL::S.11
SP.Syn.Lymph−CLL::S.14
SP.Syn.Ovary−AdenoCA::S.51
SP.Syn.Lymph−CLL::S.49
SP.Syn.Lymph−CLL::S.19
SP.Syn.Lymph−CLL::S.22
SP.Syn.Panc−AdenoCA::S.54
SP.Syn.Panc−Endocrine::S.6
SP.Syn.CNS−Medullo::S.51
P.Syn.Breast−AdenoCA::S.168
SP.Syn.Ovary−AdenoCA::S.3
SP.Syn.Lymph−CLL::S.43
SP.Syn.Lymph−CLL::S.54
SP.Syn.CNS−Medullo::S.1
SP.Syn.Breast−AdenoCA::S.39
SP.Syn.Lymph−CLL::S.4
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1


Number of mutations
169
127
84
42
0
SP.Syn.Lung−AdenoCA::S.34
SP.Syn.Prost−AdenoCA::S.220
SP.Syn.CNS−Medullo::S.8
SP.Syn.Breast−AdenoCA::S.167
SP.Syn.Prost−AdenoCA::S.104
SP.Syn.Breast−AdenoCA::S.69
SP.Syn.Prost−AdenoCA::S.155
SP.Syn.CNS−Medullo::S.20
SP.Syn.Lymph−CLL::S.41
SP.Syn.Lymph−CLL::S.53
SP.Syn.Lymph−CLL::S.9
SP.Syn.Breast−AdenoCA::S.135
SP.Syn.Lymph−CLL::S.40
SP.Syn.Panc−AdenoCA::S.115
SP.Syn.Prost−AdenoCA::S.218
SP.Syn.Breast−AdenoCA::S.19
SP.Syn.Lymph−CLL::S.2
SP.Syn.Breast−AdenoCA::S.40
SP.Syn.Stomach−AdenoCA::S.4
SP.Syn.CNS−Medullo::S.75
SP.Syn.Breast−AdenoCA::S.22
SP.Syn.CNS−Medullo::S.78
SP.Syn.Ovary−AdenoCA::S.8
SP.Syn.Lymph−CLL::S.36
SP.Syn.Panc−Endocrine::S.21
SP.Syn.Breast−AdenoCA::S.170
SP.Syn.Panc−AdenoCA::S.182
SP.Syn.Breast−AdenoCA::S.163
SP.Syn.CNS−Medullo::S.17
SP.Syn.Ovary−AdenoCA::S.40
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1


Number of mutations
146
110
73
36
0
SP.Syn.Breast−AdenoCA::S.125
SP.Syn.Panc−Endocrine::S.13
SP.Syn.Lymph−CLL::S.15
SP.Syn.Lymph−CLL::S.33
SP.Syn.Prost−AdenoCA::S.102
SP.Syn.Lymph−CLL::S.12
SP.Syn.Lymph−CLL::S.16
SP.Syn.Panc−Endocrine::S.2
SP.Syn.Prost−AdenoCA::S.62
SP.Syn.Prost−AdenoCA::S.69
SP.Syn.Lymph−CLL::S.3
SP.Syn.Breast−AdenoCA::S.25
SP.Syn.Panc−AdenoCA::S.48
SP.Syn.CNS−Medullo::S.4
SP.Syn.Lymph−CLL::S.32
SP.Syn.Prost−AdenoCA::S.141
SP.Syn.Breast−AdenoCA::S.140
SP.Syn.Breast−AdenoCA::S.31
SP.Syn.Panc−AdenoCA::S.55
SP.Syn.Lymph−CLL::S.29
SP.Syn.Panc−Endocrine::S.30
SP.Syn.Prost−AdenoCA::S.60
SP.Syn.Breast−AdenoCA::S.152
SP.Syn.Lymph−CLL::S.52
SP.Syn.CNS−Medullo::S.66
SP.Syn.Lymph−BNHL::S.21
SP.Syn.Ovary−AdenoCA::S.110
SP.Syn.Lymph−CLL::S.20
SP.Syn.Breast−AdenoCA::S.51
SP.Syn.CNS−Medullo::S.83
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1


Number of mutations
121
91
60
30
0
SP.Syn.Lymph−CLL::S.21
SP.Syn.Lymph−CLL::S.56
SP.Syn.Breast−AdenoCA::S.188
SP.Syn.Lymph−CLL::S.23
SP.Syn.Lymph−CLL::S.30
SP.Syn.CNS−Medullo::S.28
SP.Syn.CNS−Medullo::S.81
SP.Syn.Prost−AdenoCA::S.183
SP.Syn.Panc−Endocrine::S.15
SP.Syn.Lymph−CLL::S.48
SP.Syn.Lymph−CLL::S.5
SP.Syn.Biliary−AdenoCA::S.3
SP.Syn.Lymph−CLL::S.39
SP.Syn.CNS−Medullo::S.6
SP.Syn.Panc−Endocrine::S.23
SP.Syn.Panc−Endocrine::S.25
SP.Syn.Prost−AdenoCA::S.129
SP.Syn.Breast−AdenoCA::S.53
SP.Syn.Panc−Endocrine::S.9
SP.Syn.Ovary−AdenoCA::S.55
SP.Syn.Prost−AdenoCA::S.22
SP.Syn.Lymph−CLL::S.26
SP.Syn.Breast−AdenoCA::S.128
SP.Syn.CNS−Medullo::S.68
SP.Syn.Panc−Endocrine::S.32
SP.Syn.Prost−AdenoCA::S.222
SP.Syn.Lymph−CLL::S.10
SP.Syn.Panc−Endocrine::S.16
SP.Syn.Lymph−CLL::S.35
SP.Syn.Lymph−CLL::S.13
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1


Number of mutations
93
70
46
23
0
SP.Syn.Lymph−CLL::S.25
SP.Syn.Lymph−CLL::S.28
SP.Syn.CNS−Medullo::S.54
SP.Syn.CNS−Medullo::S.53
SP.Syn.Prost−AdenoCA::S.128
SP.Syn.Lymph−CLL::S.27
SP.Syn.Lymph−CLL::S.7
SP.Syn.CNS−Medullo::S.14
SP.Syn.Breast−AdenoCA::S.43
SP.Syn.Panc−AdenoCA::S.14
SP.Syn.Panc−Endocrine::S.10
SP.Syn.Lymph−CLL::S.31
SP.Syn.Lymph−CLL::S.8
SP.Syn.Lymph−CLL::S.60
SP.Syn.Lymph−CLL::S.38
SP.Syn.CNS−Medullo::S.11
SP.Syn.Lymph−CLL::S.37
SP.Syn.CNS−Medullo::S.34
SP.Syn.Lymph−BNHL::S.14
SP.Syn.Prost−AdenoCA::S.96
SP.Syn.Head−SCC::S.23
SP.Syn.Lymph−BNHL::S.38
SP.Syn.CNS−Medullo::S.69
SP.Syn.Breast−AdenoCA::S.67
SP.Syn.Panc−Endocrine::S.4
SP.Syn.Lymph−CLL::S.1
SP.Syn.Lung−AdenoCA::S.21
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1