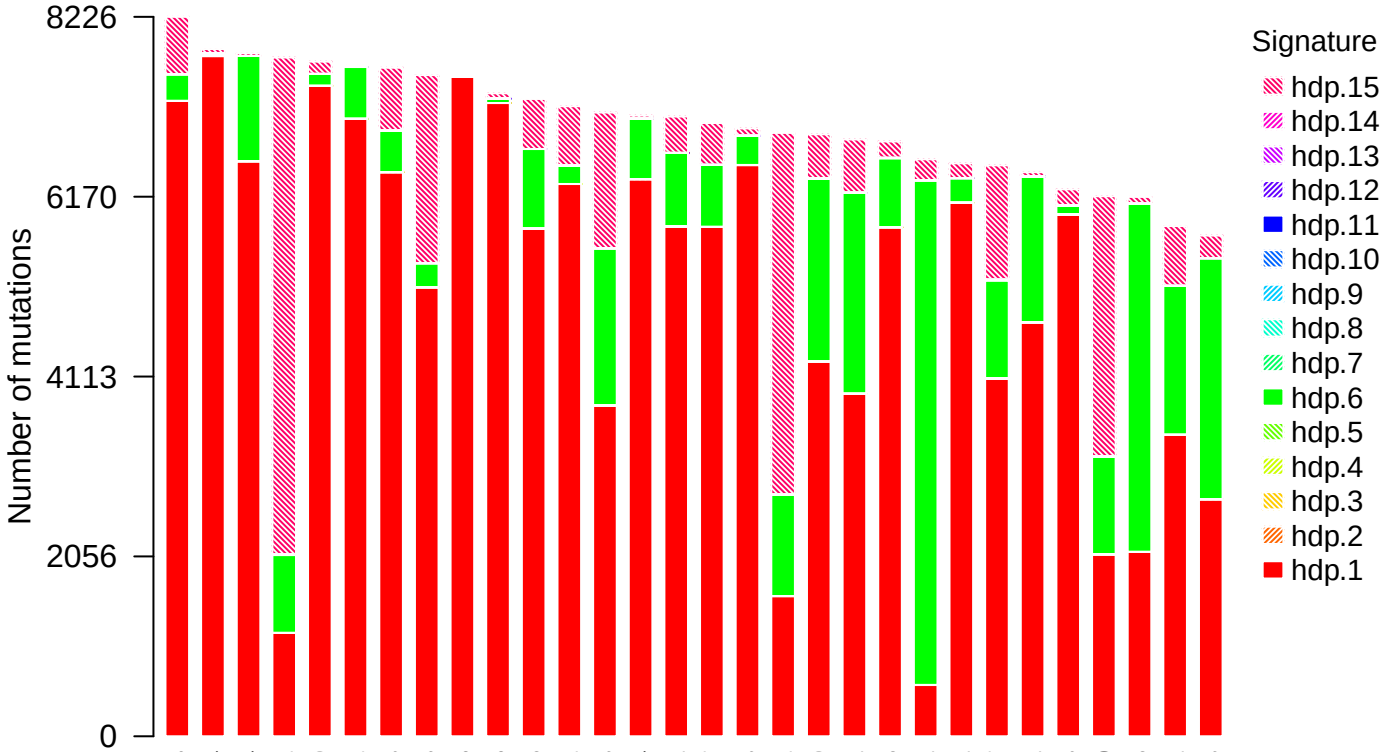
Number of mutations
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Signature
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hdp.12
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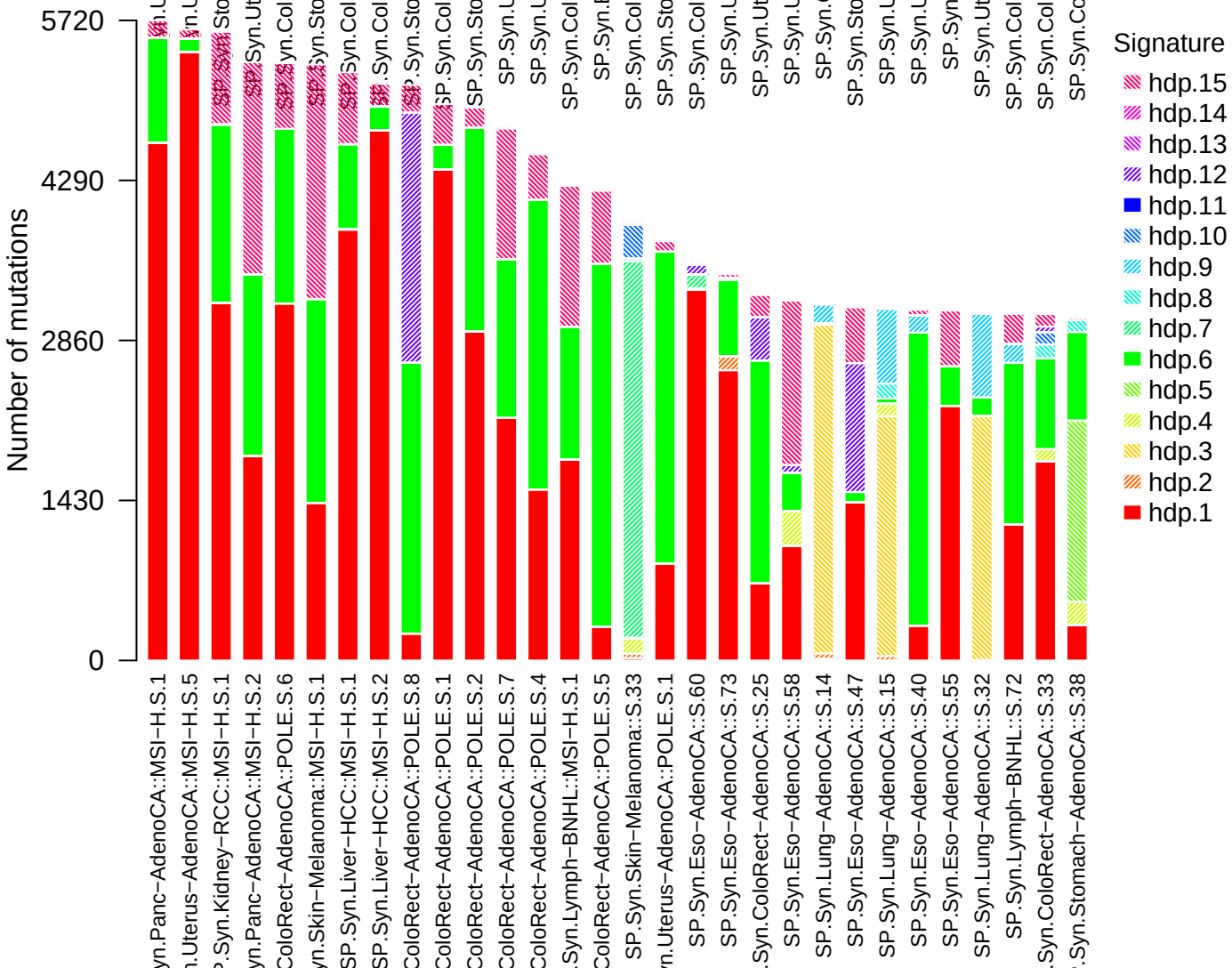
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1
SP.Syn.Uterus−AdenoCA::MSI−H.S.8
SP.Syn.Uterus−AdenoCA::MSI−H.S.4
SP.Syn.Stomach−AdenoCA::MSI−H.S.4
SP.Syn.Uterus−AdenoCA::MSI−H.S.12
SP.Syn.ColoRect−AdenoCA::MSI−H.S.9
SP.Syn.Stomach−AdenoCA::MSI−H.S.2
SP.Syn.ColoRect−AdenoCA::MSI−H.S.3
SP.Syn.ColoRect−AdenoCA::MSI−H.S.8
SP.Syn.Stomach−AdenoCA::MSI−H.S.5
SP.Syn.ColoRect−AdenoCA::MSI−H.S.5
SP.Syn.Stomach−AdenoCA::MSI−H.S.6
SP.Syn.Uterus−AdenoCA::MSI−H.S.2
SP.Syn.Uterus−AdenoCA::MSI−H.S.3
SP.Syn.ColoRect−AdenoCA::MSI−H.S.4
SP.Syn.Biliary−AdenoCA::MSI−H.S.1
SP.Syn.ColoRect−AdenoCA::MSI−H.S.7
SP.Syn.Stomach−AdenoCA::MSI−H.S.3
SP.Syn.ColoRect−AdenoCA::MSI−H.S.2
SP.Syn.Uterus−AdenoCA::MSI−H.S.9
SP.Syn.Uterus−AdenoCA::MSI−H.S.11
SP.Syn.Uterus−AdenoCA::MSI−H.S.6
SP.Syn.Ovary−AdenoCA::MSI−H.S.1
SP.Syn.Stomach−AdenoCA::MSI−H.S.1
SP.Syn.Uterus−AdenoCA::MSI−H.S.7
SP.Syn.Uterus−AdenoCA::MSI−H.S.1
SP.Syn.Panc−AdenoCA::MSI−H.S.3
SP.Syn.Uterus−AdenoCA::MSI−H.S.10
SP.Syn.ColoRect−AdenoCA::MSI−H.S.6
SP.Syn.ColoRect−AdenoCA::MSI−H.S.1
SP.Syn.ColoRect−AdenoCA::POLE.S.3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Signature
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hdp.12
hdp.11
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hdp.3
hdp.2
hdp.1
SP.Syn.Panc−AdenoCA::MSI−H.S.1
SP.Syn.Uterus−AdenoCA::MSI−H.S.5
SP.Syn.Kidney−RCC::MSI−H.S.1
SP.Syn.Panc−AdenoCA::MSI−H.S.2
SP.Syn.ColoRect−AdenoCA::POLE.S.6
SP.Syn.Skin−Melanoma::MSI−H.S.1
SP.Syn.Liver−HCC::MSI−H.S.1
SP.Syn.Liver−HCC::MSI−H.S.2
SP.Syn.ColoRect−AdenoCA::POLE.S.8
SP.Syn.ColoRect−AdenoCA::POLE.S.1
SP.Syn.ColoRect−AdenoCA::POLE.S.2
SP.Syn.ColoRect−AdenoCA::POLE.S.7
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
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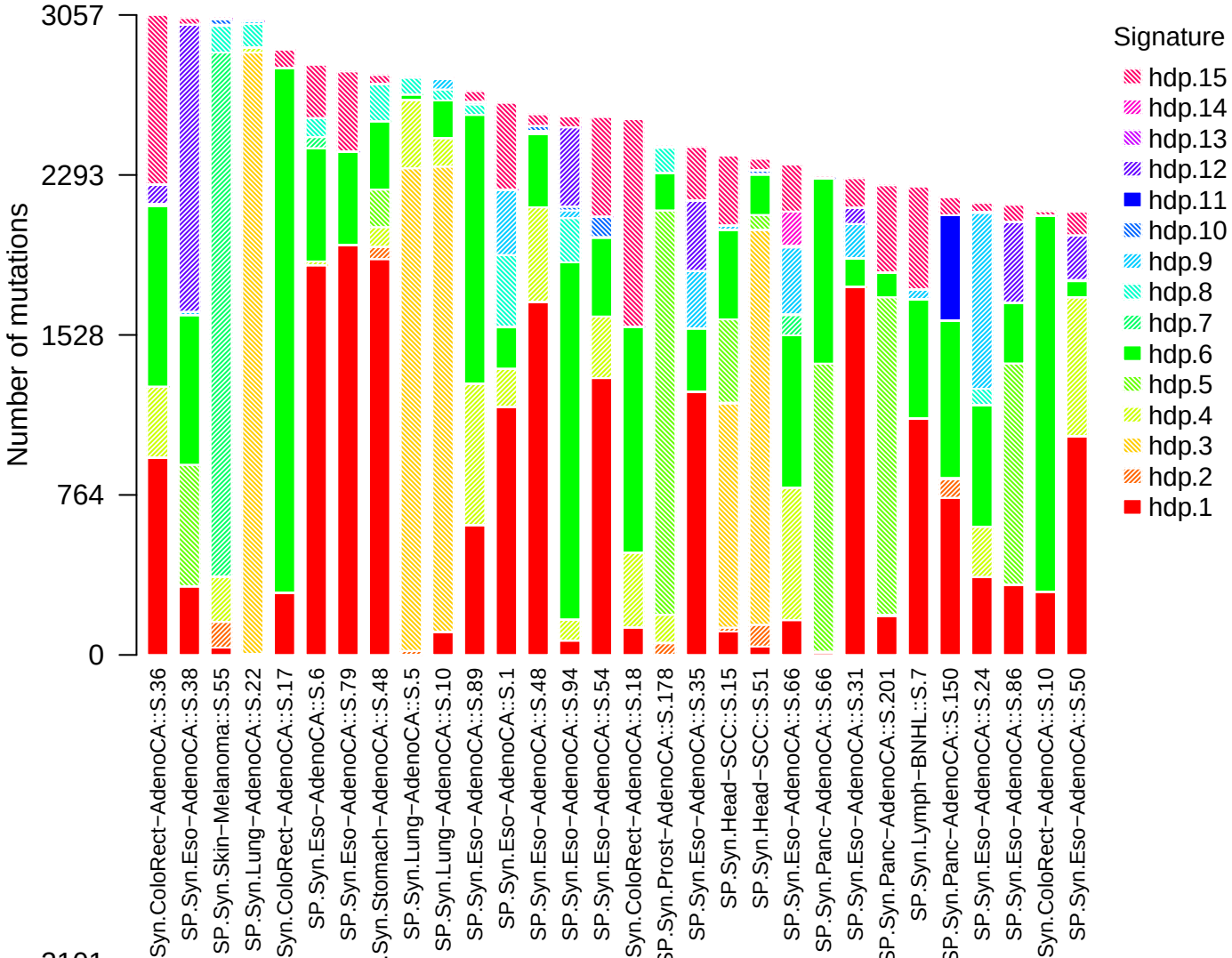
SP.Syn.ColoRect−AdenoCA::S.33
SP.Syn.Stomach−AdenoCA::S.38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hdp.12
hdp.11
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hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1
SP.Syn.ColoRect−AdenoCA::S.36
SP.Syn.Eso−AdenoCA::S.38
SP.Syn.Skin−Melanoma::S.55
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
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
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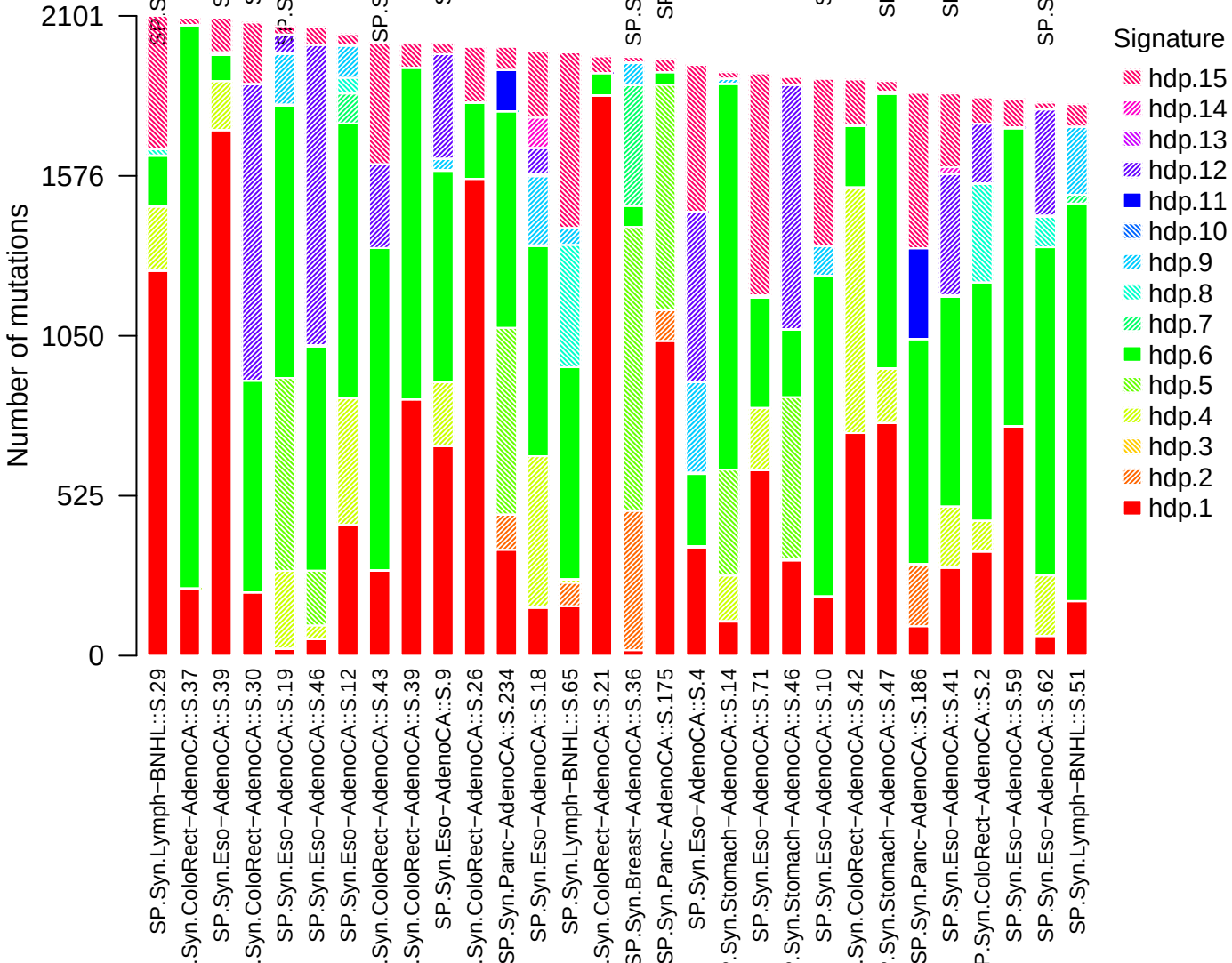
SP.Syn.ColoRect−AdenoCA::S.10
SP.Syn.Eso−AdenoCA::S.50


Number of mutations
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525
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Signature
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hdp.12
hdp.11
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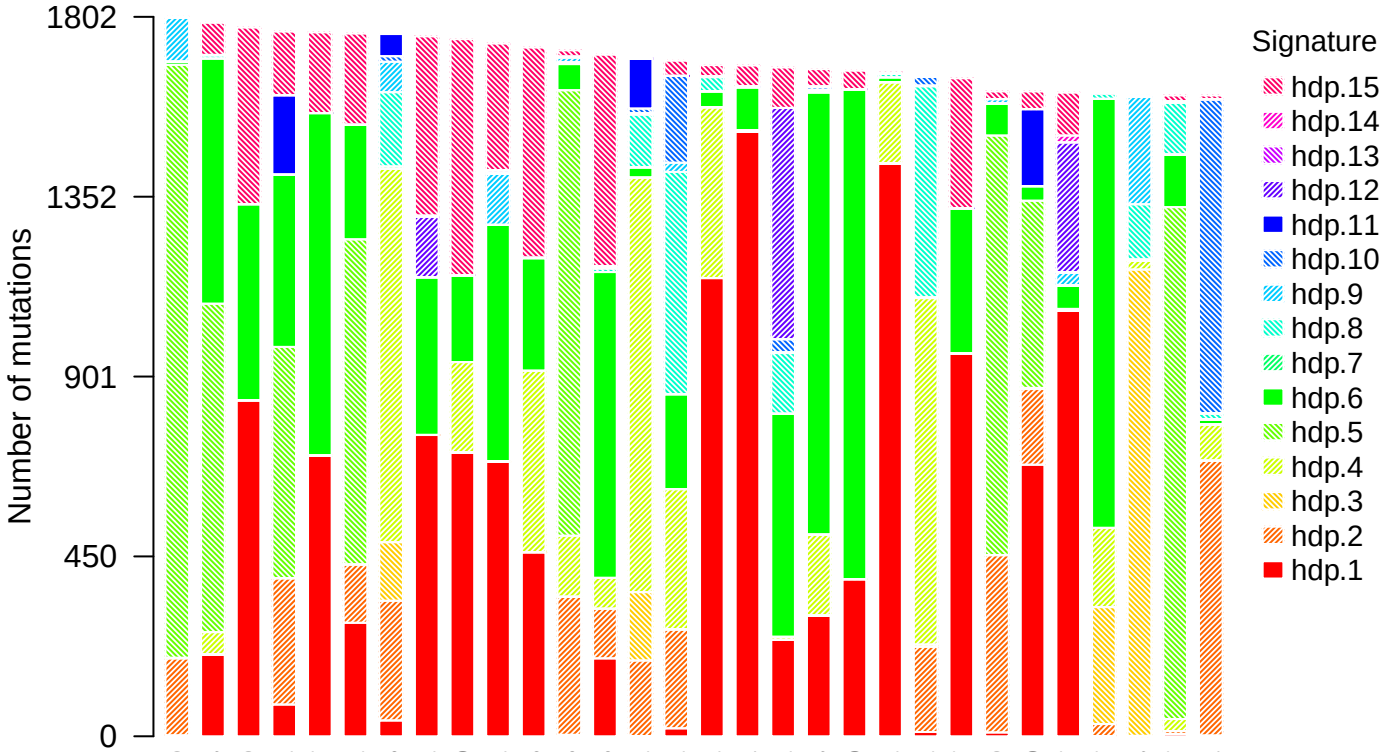
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1
SP.Syn.Lymph−BNHL::S.29
SP.Syn.ColoRect−AdenoCA::S.37
SP.Syn.Eso−AdenoCA::S.39
SP.Syn.ColoRect−AdenoCA::S.30
SP.Syn.Eso−AdenoCA::S.19
SP.Syn.Eso−AdenoCA::S.46
SP.Syn.Eso−AdenoCA::S.12
SP.Syn.ColoRect−AdenoCA::S.43
SP.Syn.ColoRect−AdenoCA::S.39
SP.Syn.Eso−AdenoCA::S.9
SP.Syn.ColoRect−AdenoCA::S.26
SP.Syn.Panc−AdenoCA::S.234
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


Number of mutations
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901
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Signature
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hdp.12
hdp.11
hdp.10
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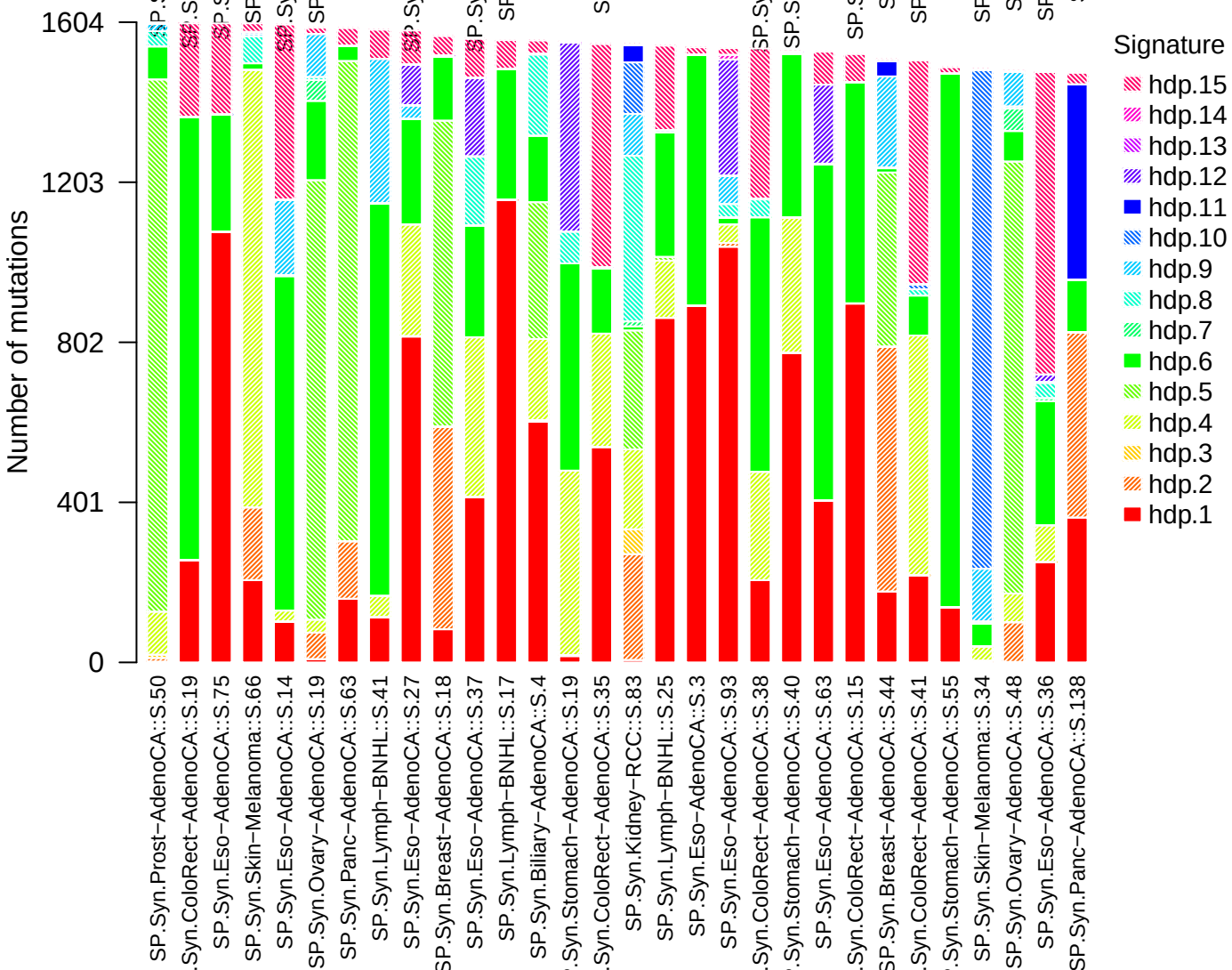
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1
SP.Syn.Breast−AdenoCA::S.179
SP.Syn.Stomach−AdenoCA::S.13
SP.Syn.ColoRect−AdenoCA::S.9
SP.Syn.Panc−AdenoCA::S.172
SP.Syn.ColoRect−AdenoCA::S.27
SP.Syn.Panc−AdenoCA::S.232
SP.Syn.Kidney−RCC::S.85
SP.Syn.Eso−AdenoCA::S.52
SP.Syn.ColoRect−AdenoCA::S.40
SP.Syn.Eso−AdenoCA::S.92
SP.Syn.ColoRect−AdenoCA::S.16
SP.Syn.Ovary−AdenoCA::S.76
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


Number of mutations
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hdp.12
hdp.11
hdp.10
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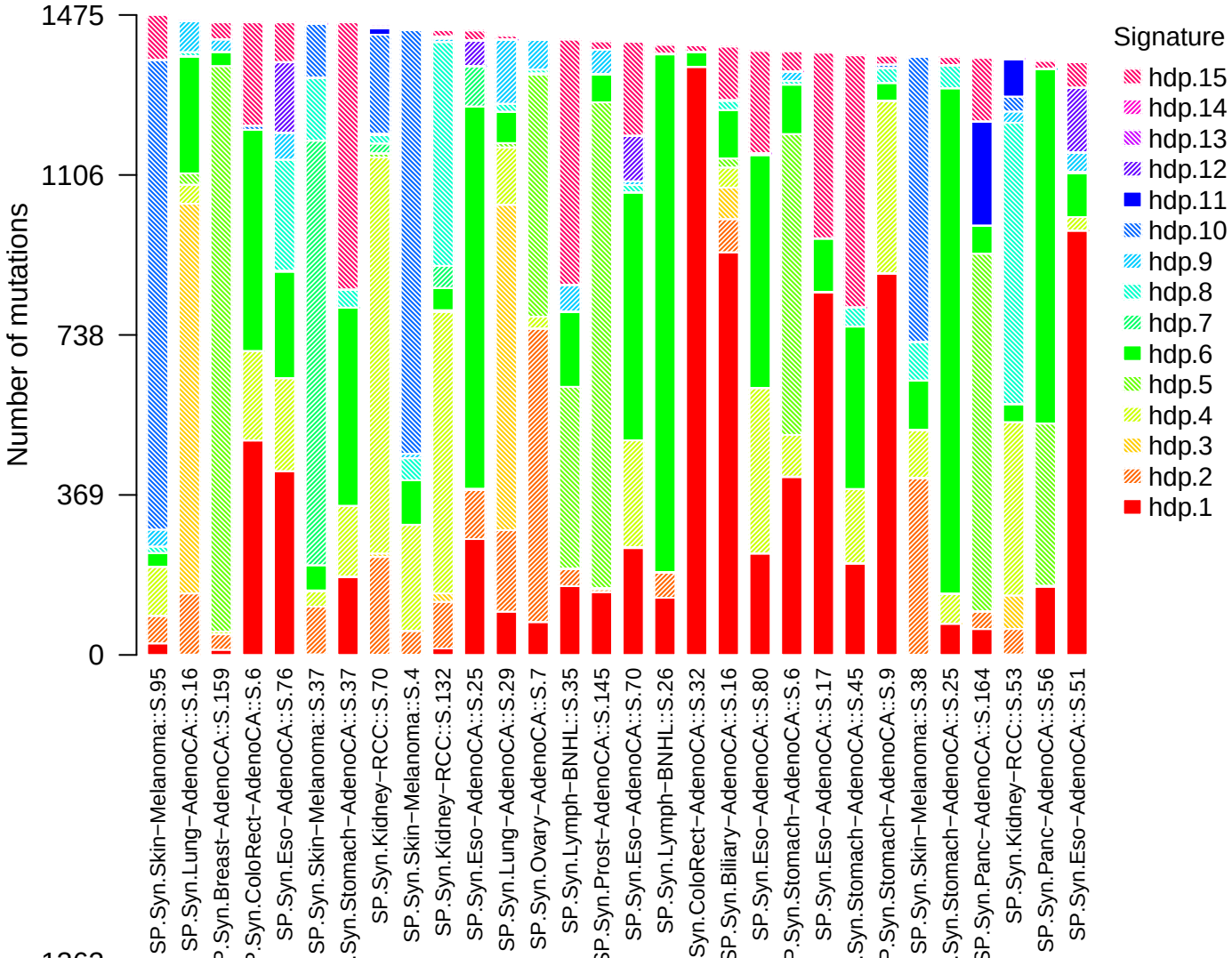
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1
SP.Syn.Prost−AdenoCA::S.50
SP.Syn.ColoRect−AdenoCA::S.19
SP.Syn.Eso−AdenoCA::S.75
SP.Syn.Skin−Melanoma::S.66
SP.Syn.Eso−AdenoCA::S.14
SP.Syn.Ovary−AdenoCA::S.19
SP.Syn.Panc−AdenoCA::S.63
SP.Syn.Lymph−BNHL::S.41
SP.Syn.Eso−AdenoCA::S.27
SP.Syn.Breast−AdenoCA::S.18
SP.Syn.Eso−AdenoCA::S.37
SP.Syn.Lymph−BNHL::S.17
SP.Syn.Biliary−AdenoCA::S.4
SP.Syn.Stomach−AdenoCA::S.19
SP.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
SP.Syn.ColoRect−AdenoCA::S.38
SP.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


Number of mutations
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738
369
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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
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
SP.Syn.ColoRect−AdenoCA::S.32
SP.Syn.Biliary−AdenoCA::S.16
SP.Syn.Eso−AdenoCA::S.80
SP.Syn.Stomach−AdenoCA::S.6
SP.Syn.Eso−AdenoCA::S.17
SP.Syn.Stomach−AdenoCA::S.45
SP.Syn.Stomach−AdenoCA::S.9
SP.Syn.Skin−Melanoma::S.38
SP.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
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
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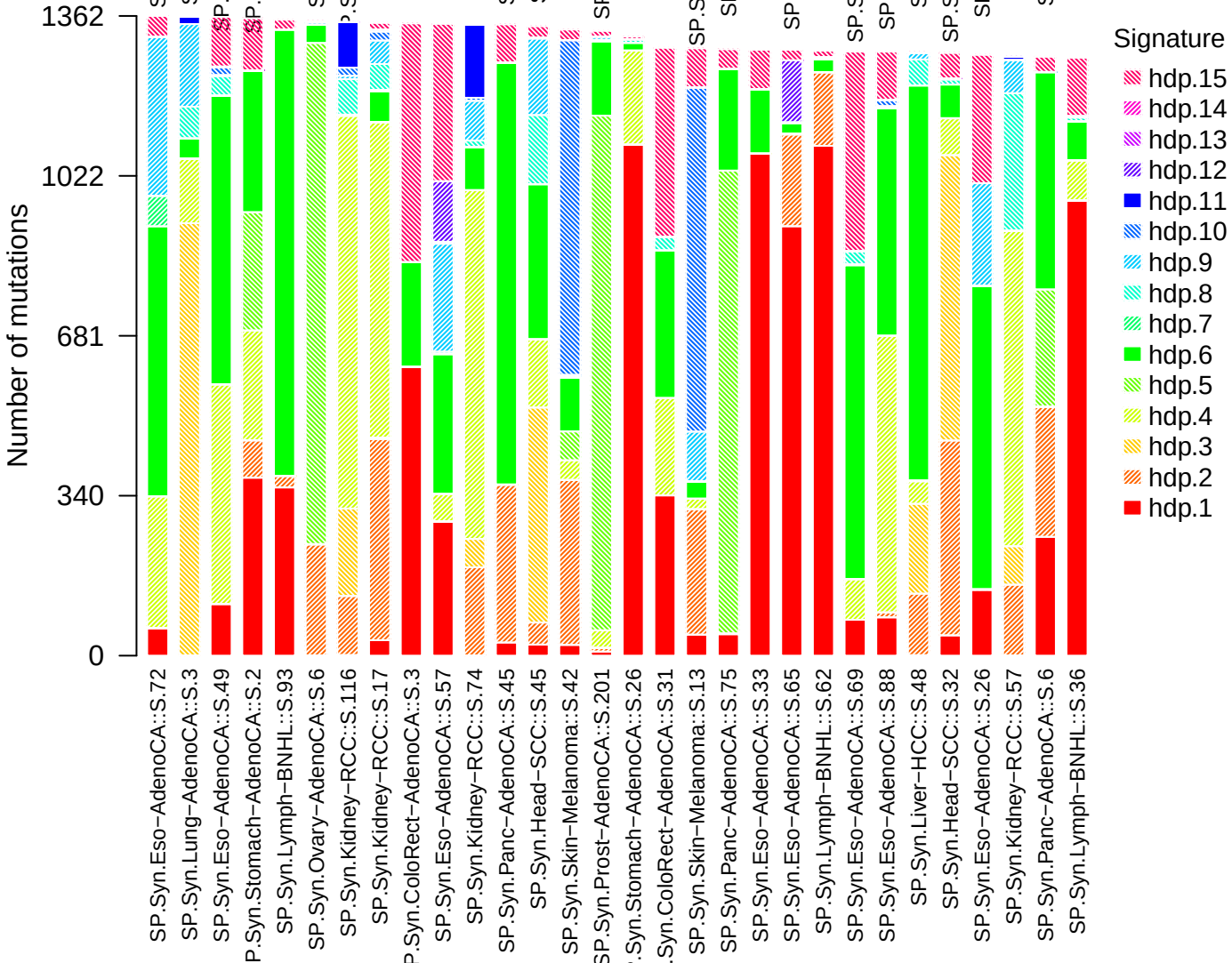
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1


Number of mutations
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681
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SP.Syn.Lymph−BNHL::S.93
SP.Syn.Ovary−AdenoCA::S.6
SP.Syn.Kidney−RCC::S.116
SP.Syn.Kidney−RCC::S.17
SP.Syn.ColoRect−AdenoCA::S.3
SP.Syn.Eso−AdenoCA::S.57
SP.Syn.Kidney−RCC::S.74
SP.Syn.Panc−AdenoCA::S.45
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
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
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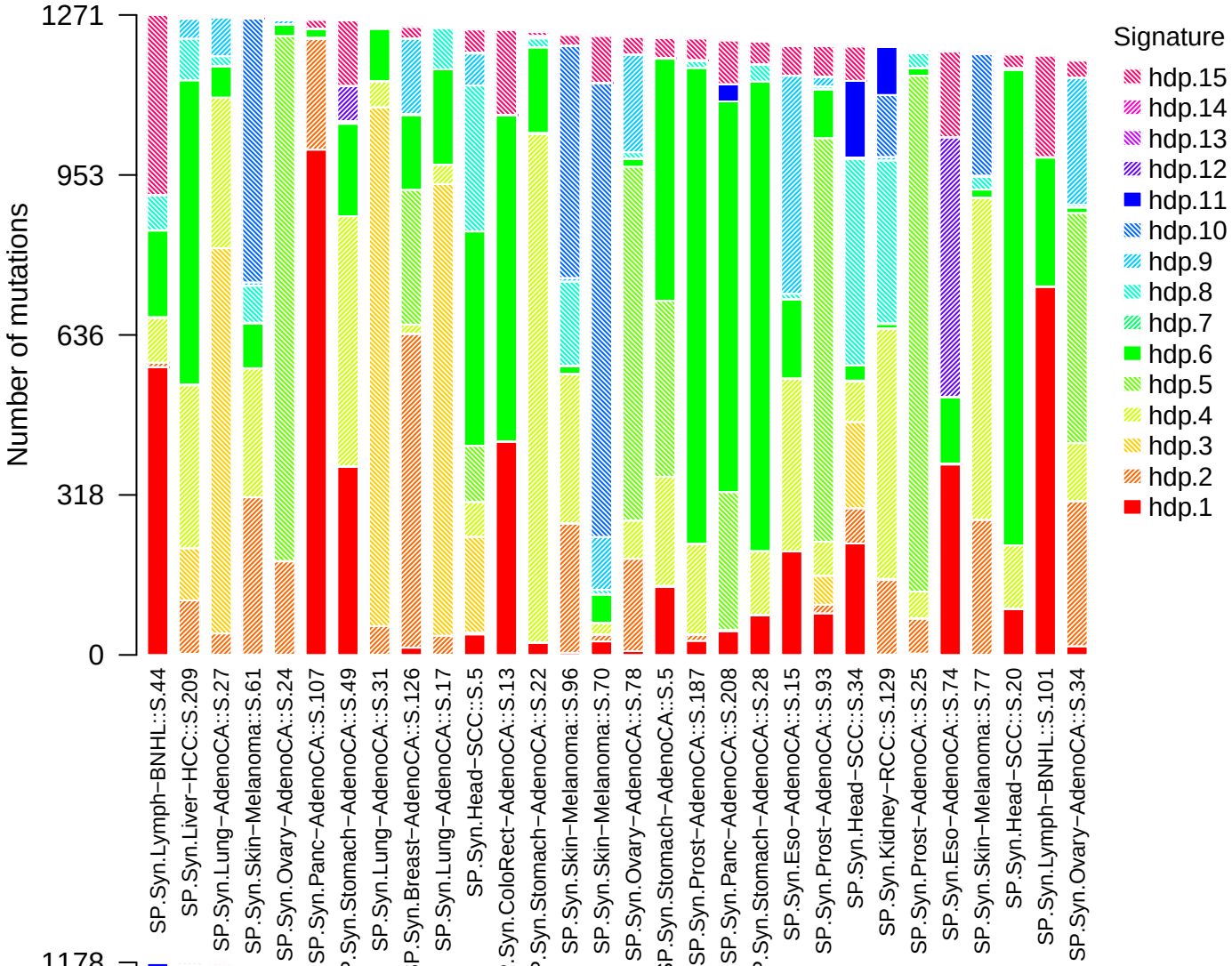
hdp.2
hdp.1


Number of mutations
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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
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
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
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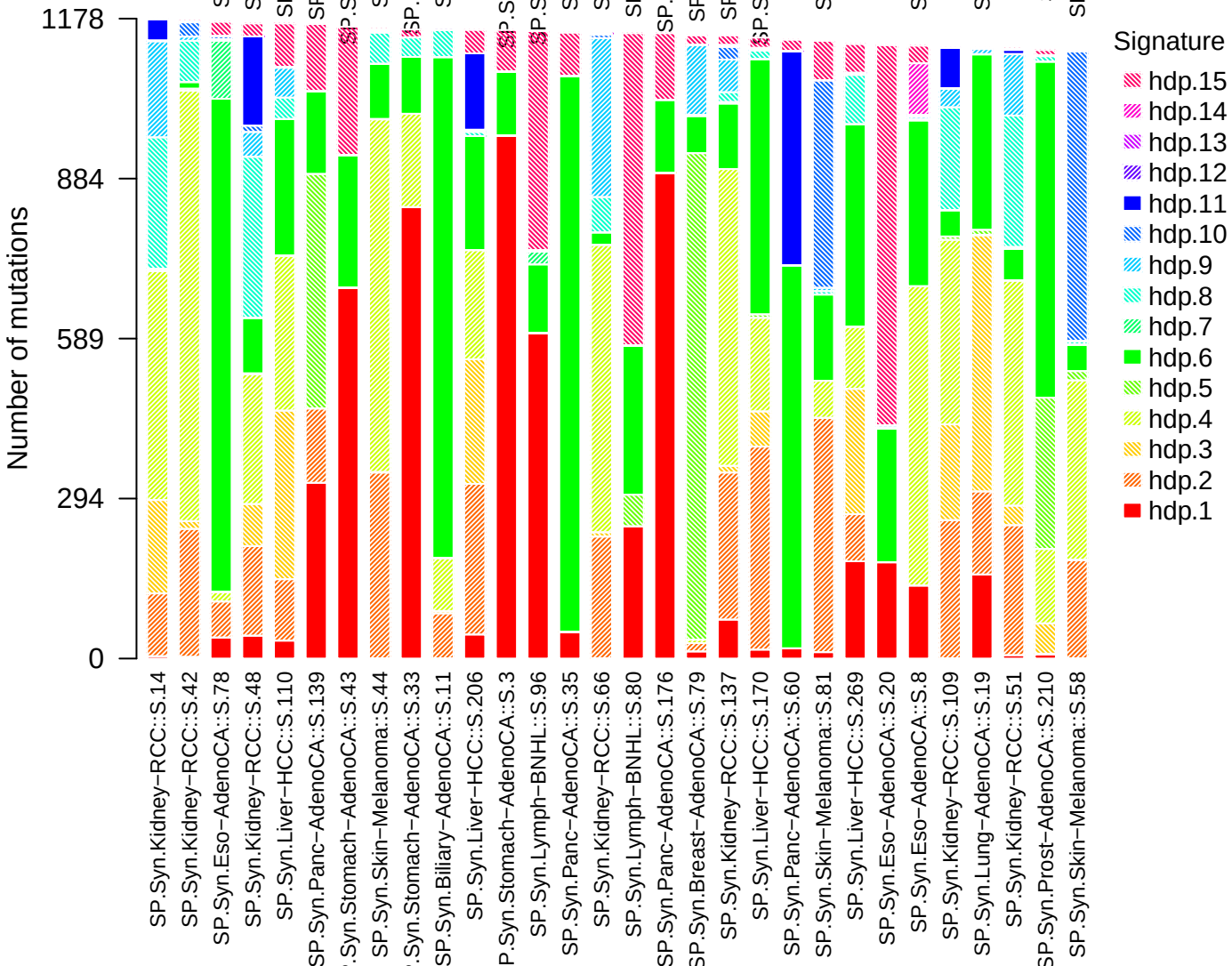
hdp.2
hdp.1


Number of mutations
1178
884
589
294
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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
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
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
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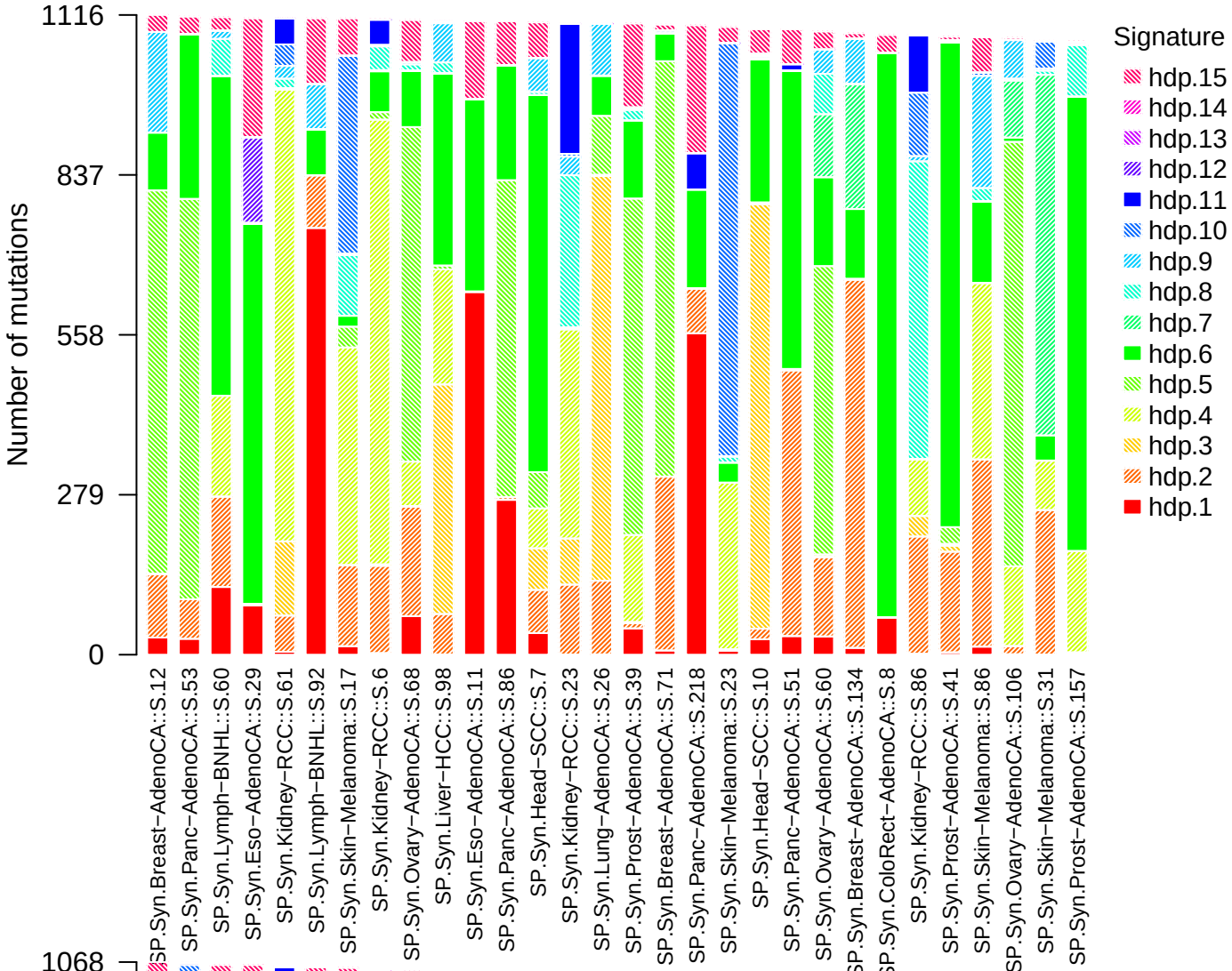
Number of mutations
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279
558
837
1116
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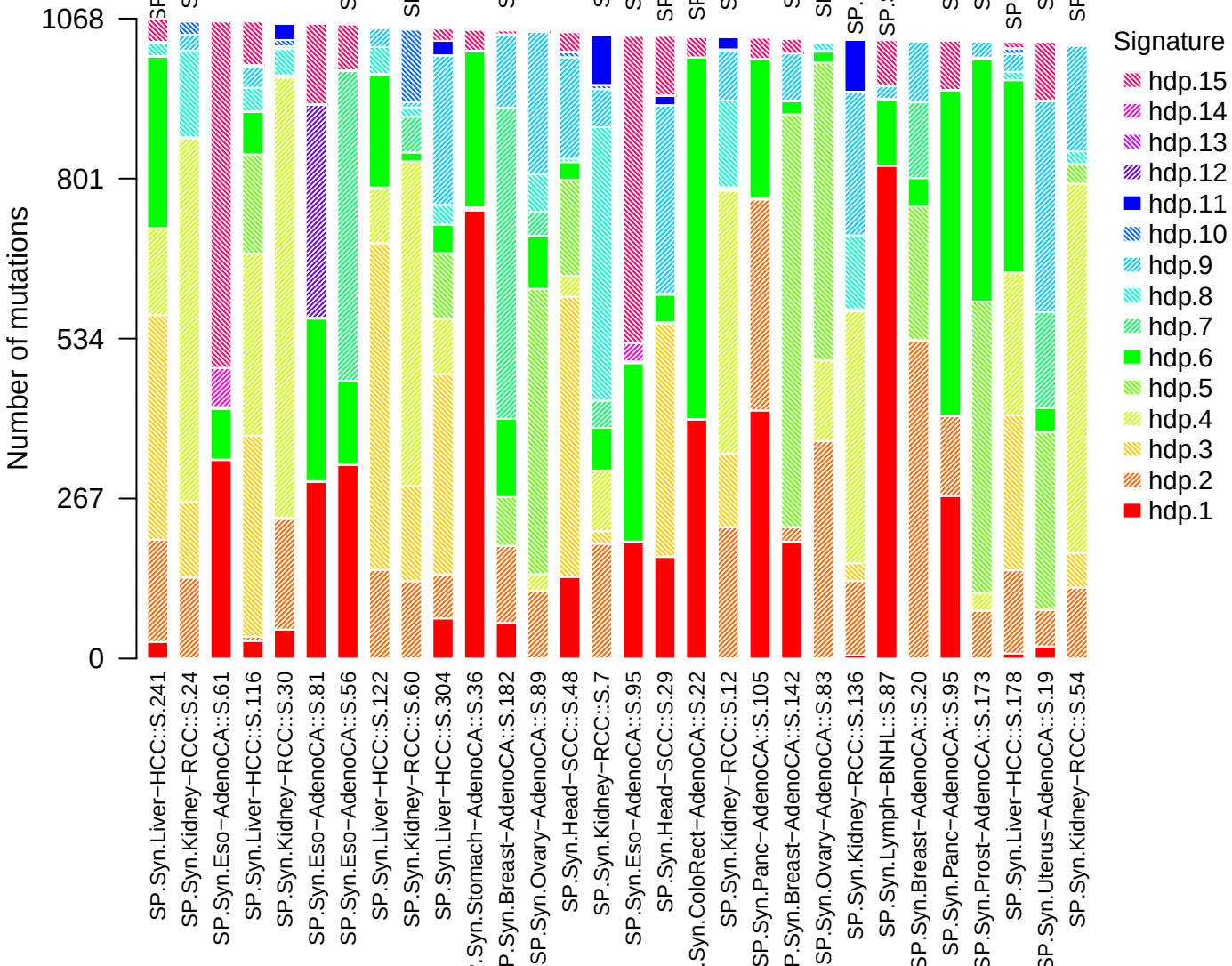
SP.Syn.Lymph−BNHL::S.60
SP.Syn.Eso−AdenoCA::S.29
SP.Syn.Kidney−RCC::S.61
SP.Syn.Lymph−BNHL::S.92
SP.Syn.Skin−Melanoma::S.17
SP.Syn.Kidney−RCC::S.6
SP.Syn.Ovary−AdenoCA::S.68
SP.Syn.Liver−HCC::S.98
SP.Syn.Eso−AdenoCA::S.11
SP.Syn.Panc−AdenoCA::S.86
SP.Syn.Head−SCC::S.7
SP.Syn.Kidney−RCC::S.23
SP.Syn.Lung−AdenoCA::S.26
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
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
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267
534
801
1068
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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
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
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
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hdp.8
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hdp.5
hdp.4
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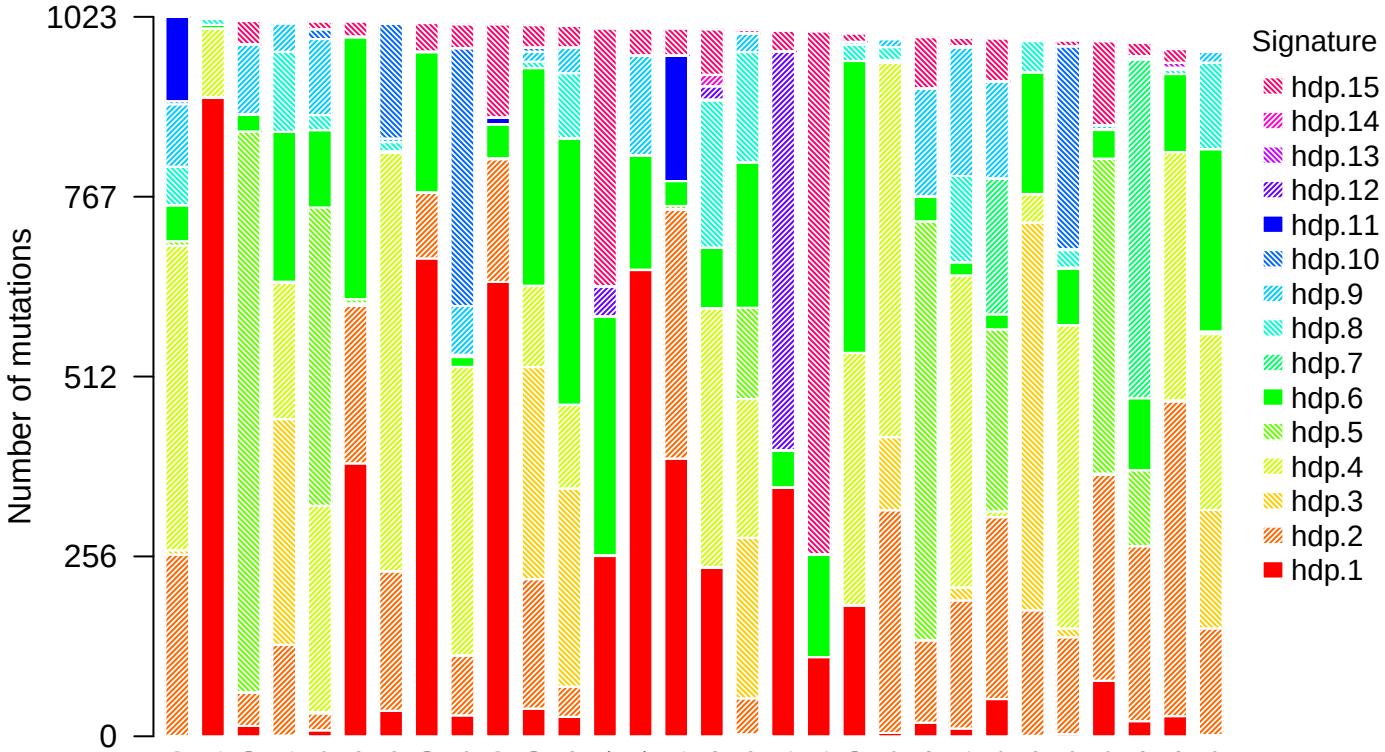
hdp.2
hdp.1


Number of mutations
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512
256
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SP.Syn.Kidney−RCC::S.79
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SP.Syn.Liver−HCC::S.42
SP.Syn.Prost−AdenoCA::S.143
.Syn.Stomach−AdenoCA::S.16
SP.Syn.Skin−Melanoma::S.26
SP.Syn.Panc−AdenoCA::S.210
SP.Syn.Skin−Melanoma::S.48
SP.Syn.Panc−AdenoCA::S.149
SP.Syn.Liver−HCC::S.40
SP.Syn.Liver−HCC::S.126
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
.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.Ovary−AdenoCA::S.33
SP.Syn.Liver−HCC::S.136
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
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
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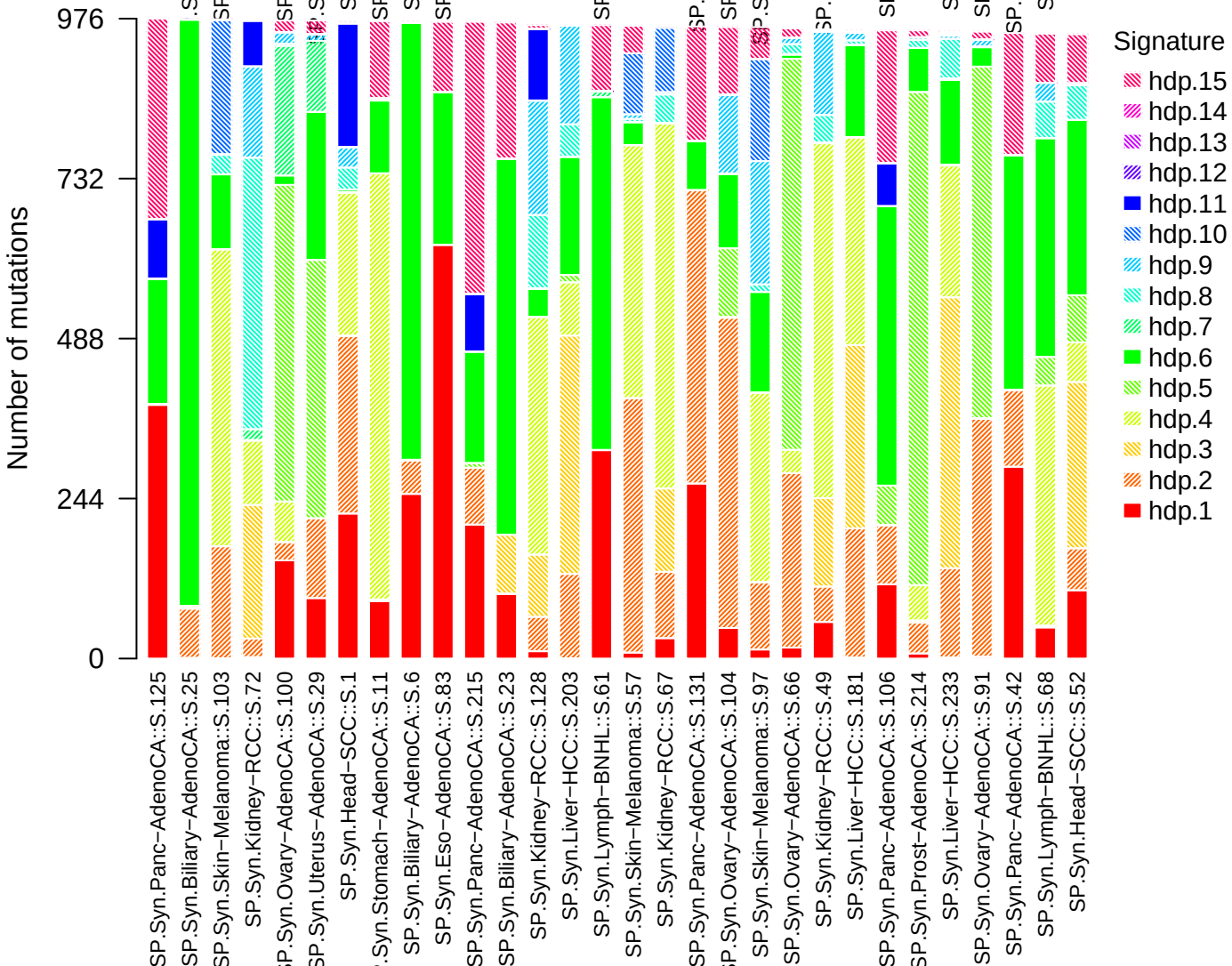
hdp.2
hdp.1


Number of mutations
976
732
488
244
0
SP.Syn.Panc−AdenoCA::S.125
SP.Syn.Biliary−AdenoCA::S.25
SP.Syn.Skin−Melanoma::S.103
SP.Syn.Kidney−RCC::S.72
SP.Syn.Ovary−AdenoCA::S.100
SP.Syn.Uterus−AdenoCA::S.29
SP.Syn.Head−SCC::S.1
.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
SP.Syn.Kidney−RCC::S.128
SP.Syn.Liver−HCC::S.203
SP.Syn.Lymph−BNHL::S.61
SP.Syn.Skin−Melanoma::S.57
SP.Syn.Kidney−RCC::S.67
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
Signature
hdp.15
hdp.14
hdp.13
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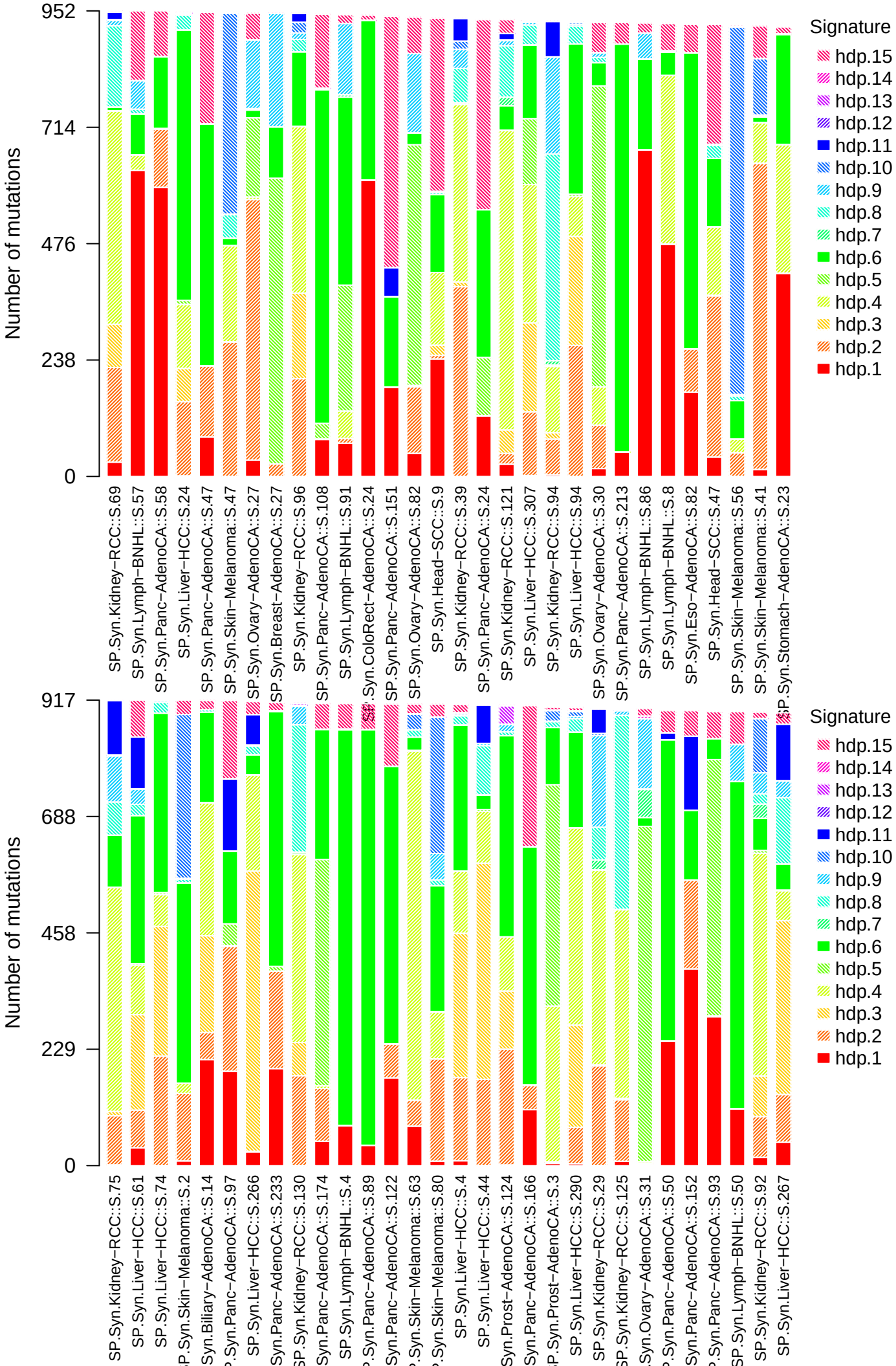
hdp.2
hdp.1


Number of mutations
952
714
476
238
0
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.Ovary−AdenoCA::S.27
SP.Syn.Breast−AdenoCA::S.27
SP.Syn.Kidney−RCC::S.96
SP.Syn.Panc−AdenoCA::S.108
SP.Syn.Lymph−BNHL::S.91
Syn.ColoRect−AdenoCA::S.24
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.Panc−AdenoCA::S.24
SP.Syn.Kidney−RCC::S.121
SP.Syn.Liver−HCC::S.307
SP.Syn.Kidney−RCC::S.94
SP.Syn.Liver−HCC::S.94
SP.Syn.Ovary−AdenoCA::S.30
SP.Syn.Panc−AdenoCA::S.213
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
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
917
688
458
229
0
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.Panc−AdenoCA::S.174
SP.Syn.Lymph−BNHL::S.4
SP.Syn.Panc−AdenoCA::S.89
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.50
SP.Syn.Panc−AdenoCA::S.152
SP.Syn.Panc−AdenoCA::S.93
SP.Syn.Lymph−BNHL::S.50
SP.Syn.Kidney−RCC::S.92
SP.Syn.Liver−HCC::S.267
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
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hdp.7
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hdp.4
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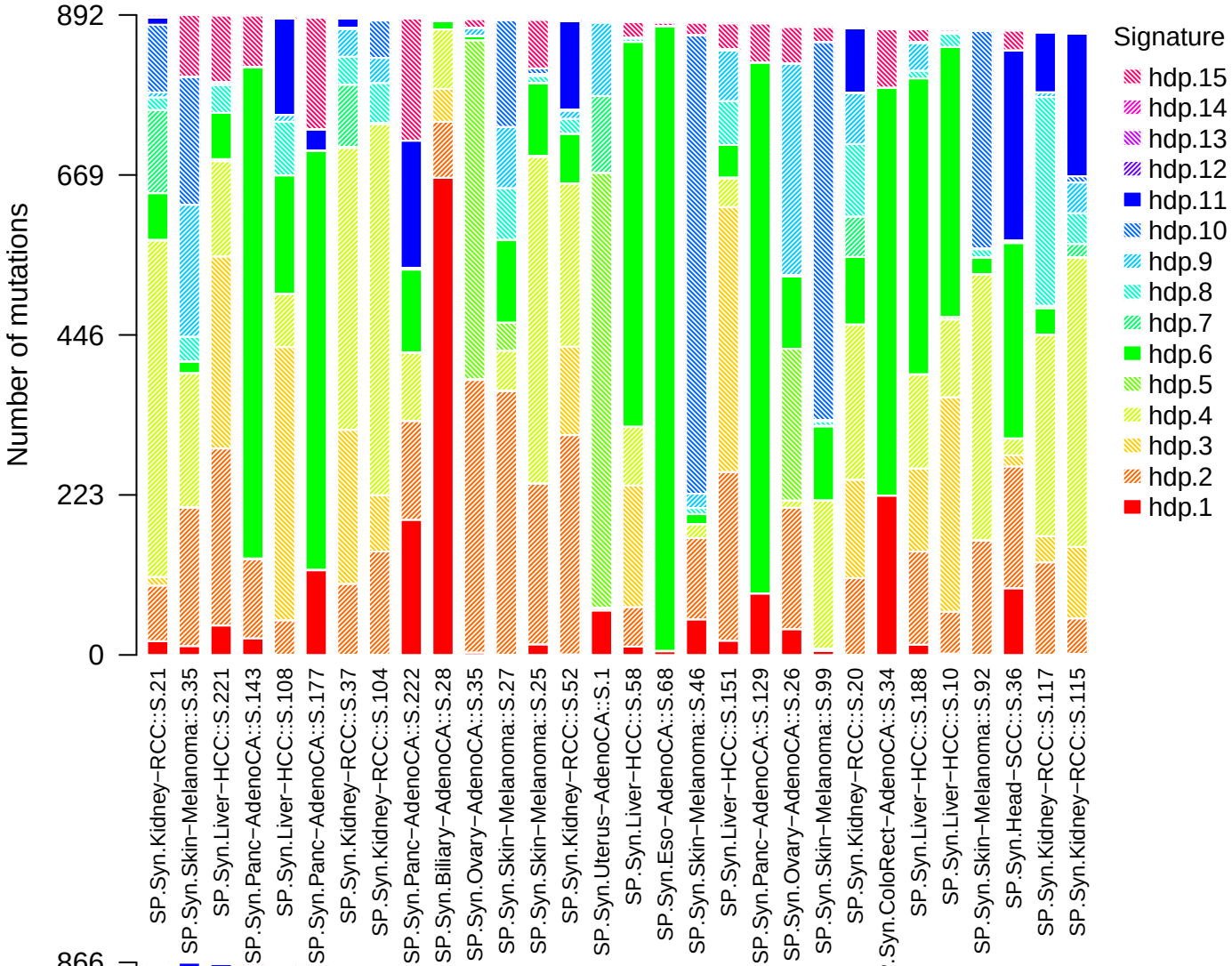
hdp.2
hdp.1


Number of mutations
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669
446
223
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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
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
SP.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.115
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
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hdp.4
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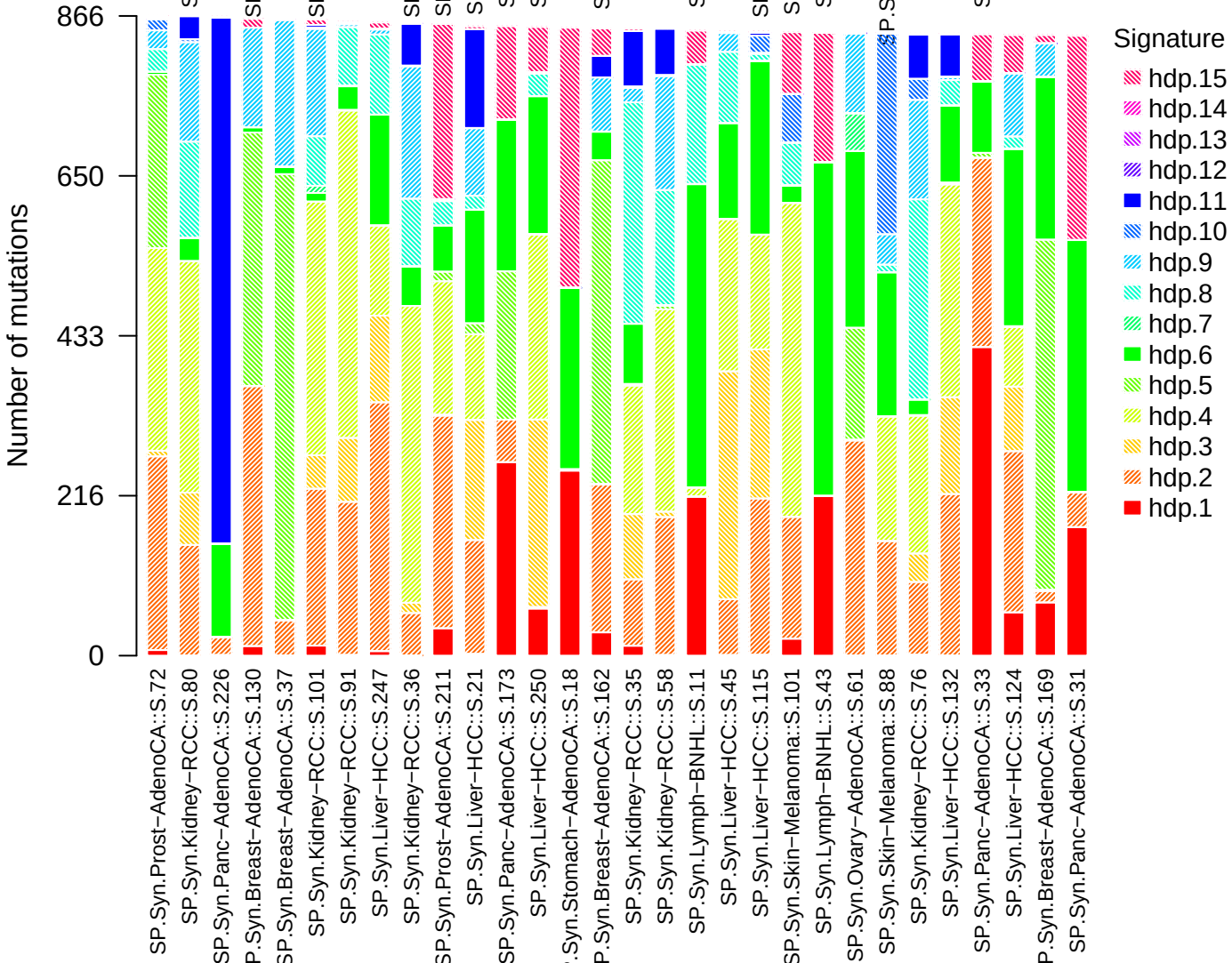
hdp.2
hdp.1


Number of mutations
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650
433
216
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SP.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
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.Liver−HCC::S.124
SP.Syn.Breast−AdenoCA::S.169
SP.Syn.Panc−AdenoCA::S.31
Signature
hdp.15
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hdp.8
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hdp.2
hdp.1

Number of mutations
0
209
418
628
837
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
SP.Syn.Prost−AdenoCA::S.15
SP.Syn.Lymph−BNHL::S.47
SP.Syn.Panc−AdenoCA::S.18
SP.Syn.Panc−AdenoCA::S.91
SP.Syn.Prost−AdenoCA::S.94
SP.Syn.Lymph−BNHL::S.77
SP.Syn.Liver−HCC::S.81
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
Signature
hdp.15
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hdp.2
hdp.1

Number of mutations
0
204
408
611
815
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.Panc−AdenoCA::S.110
SP.Syn.Lymph−BNHL::S.103
SP.Syn.Liver−HCC::S.157
SP.Syn.Lung−AdenoCA::S.9
SP.Syn.Kidney−RCC::S.71
SP.Syn.Liver−HCC::S.62
SP.Syn.Liver−HCC::S.84
SP.Syn.Lymph−BNHL::S.22
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.Kidney−RCC::S.127
SP.Syn.Lymph−BNHL::S.58
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
Signature
hdp.15
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hdp.12
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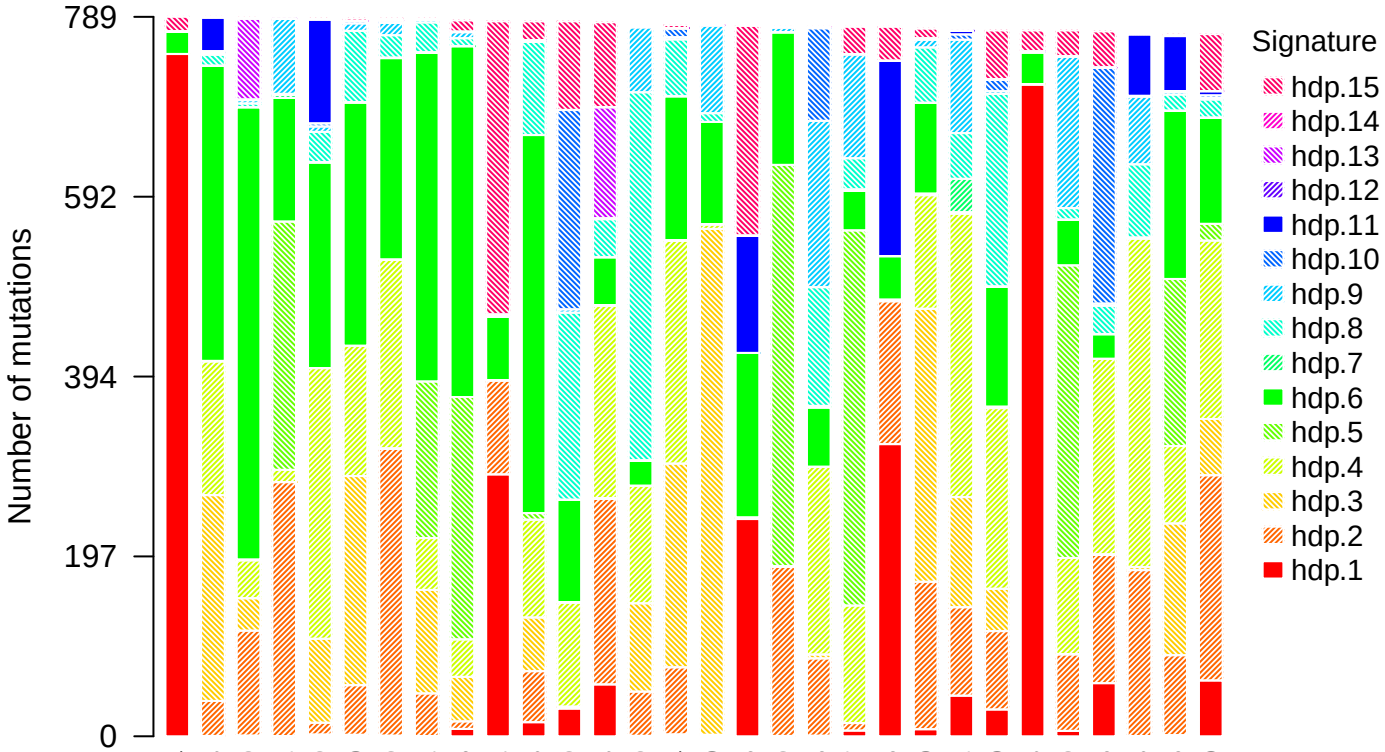
hdp.1


Number of mutations
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592
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197
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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.160
SP.Syn.Skin−Melanoma::S.9
SP.Syn.Liver−HCC::S.1
SP.Syn.Prost−AdenoCA::S.195
SP.Syn.Panc−AdenoCA::S.101
SP.Syn.Liver−HCC::S.18
SP.Syn.Skin−Melanoma::S.29
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.Kidney−RCC::S.32
SP.Syn.Liver−HCC::S.100
SP.Syn.Lymph−BNHL::S.63
SP.Syn.Ovary−AdenoCA::S.59
SP.Syn.Skin−Melanoma::S.76
SP.Syn.Kidney−RCC::S.38
SP.Syn.Liver−HCC::S.26
SP.Syn.Liver−HCC::S.50
Signature
hdp.15
hdp.14
hdp.13
hdp.12
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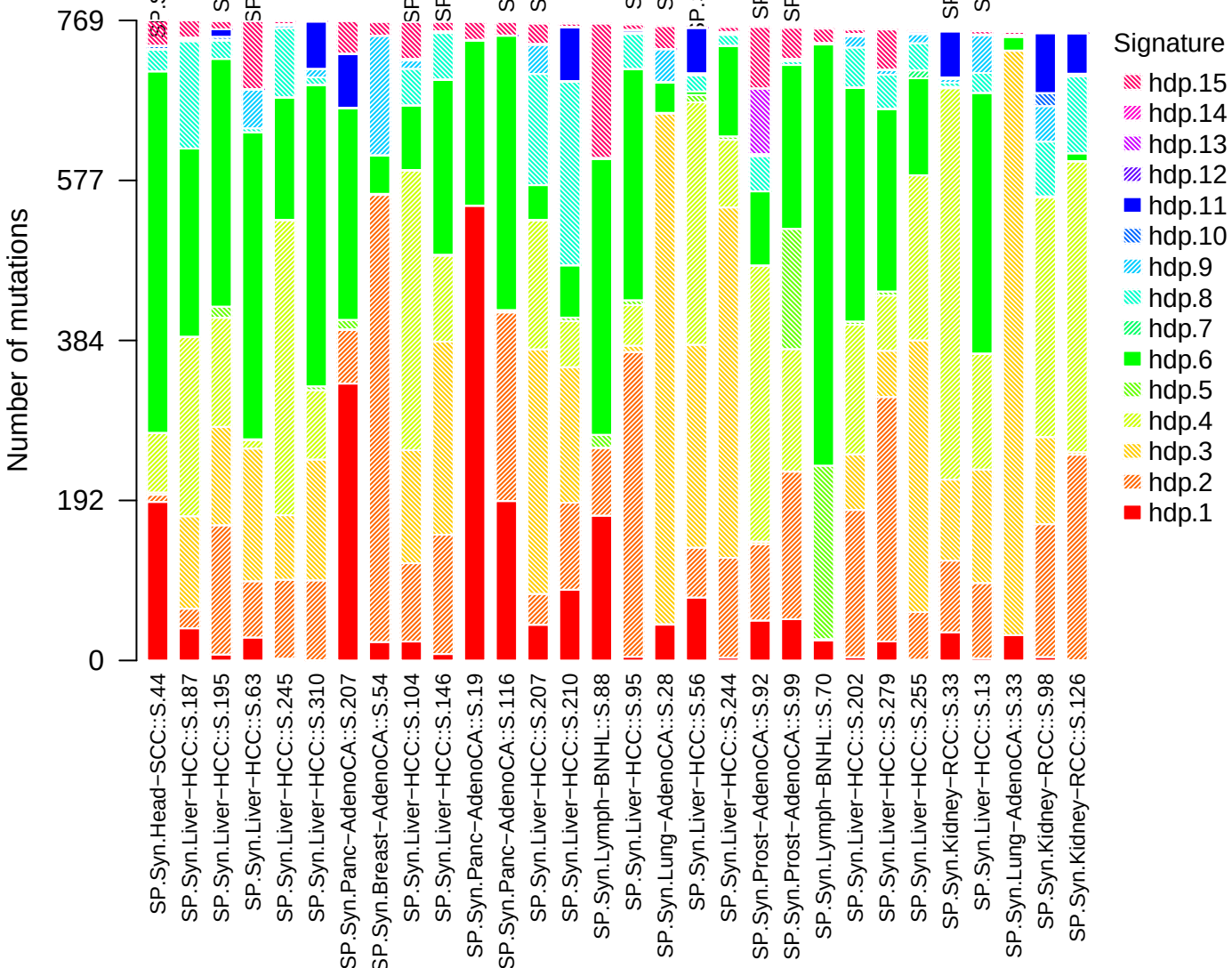
Number of mutations
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384
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SP.Syn.Head−SCC::S.44
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SP.Syn.Liver−HCC::S.195
SP.Syn.Liver−HCC::S.63
SP.Syn.Liver−HCC::S.245
SP.Syn.Liver−HCC::S.310
SP.Syn.Panc−AdenoCA::S.207
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
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
Signature
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hdp.6
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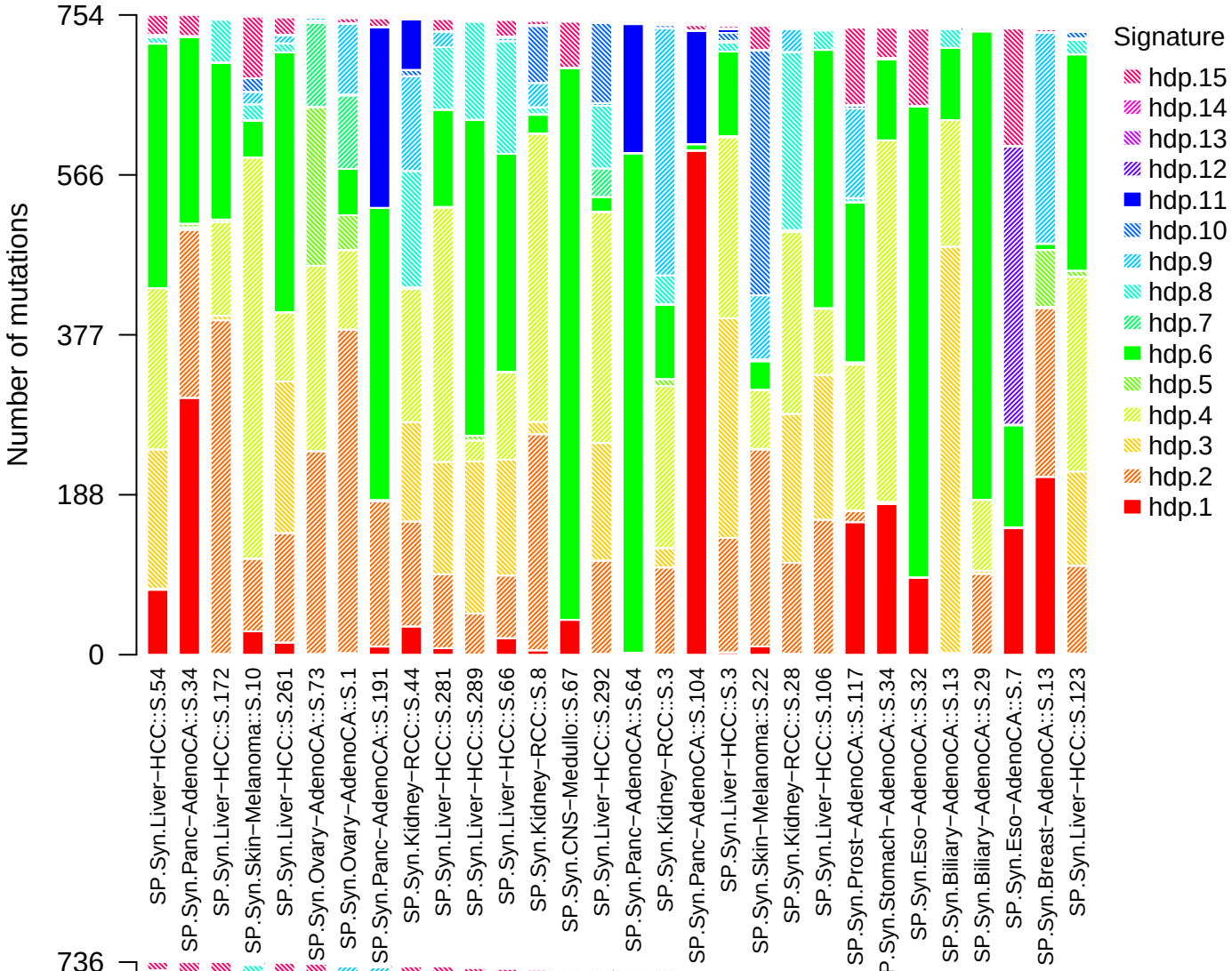
hdp.3
hdp.2
hdp.1


Number of mutations
754
566
377
188
0
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
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.Liver−HCC::S.3
SP.Syn.Skin−Melanoma::S.22
SP.Syn.Kidney−RCC::S.28
SP.Syn.Liver−HCC::S.106
SP.Syn.Prost−AdenoCA::S.117
SP.Syn.Stomach−AdenoCA::S.34
SP.Syn.Eso−AdenoCA::S.32
SP.Syn.Biliary−AdenoCA::S.13
SP.Syn.Biliary−AdenoCA::S.29
SP.Syn.Eso−AdenoCA::S.7
SP.Syn.Breast−AdenoCA::S.13
SP.Syn.Liver−HCC::S.123
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
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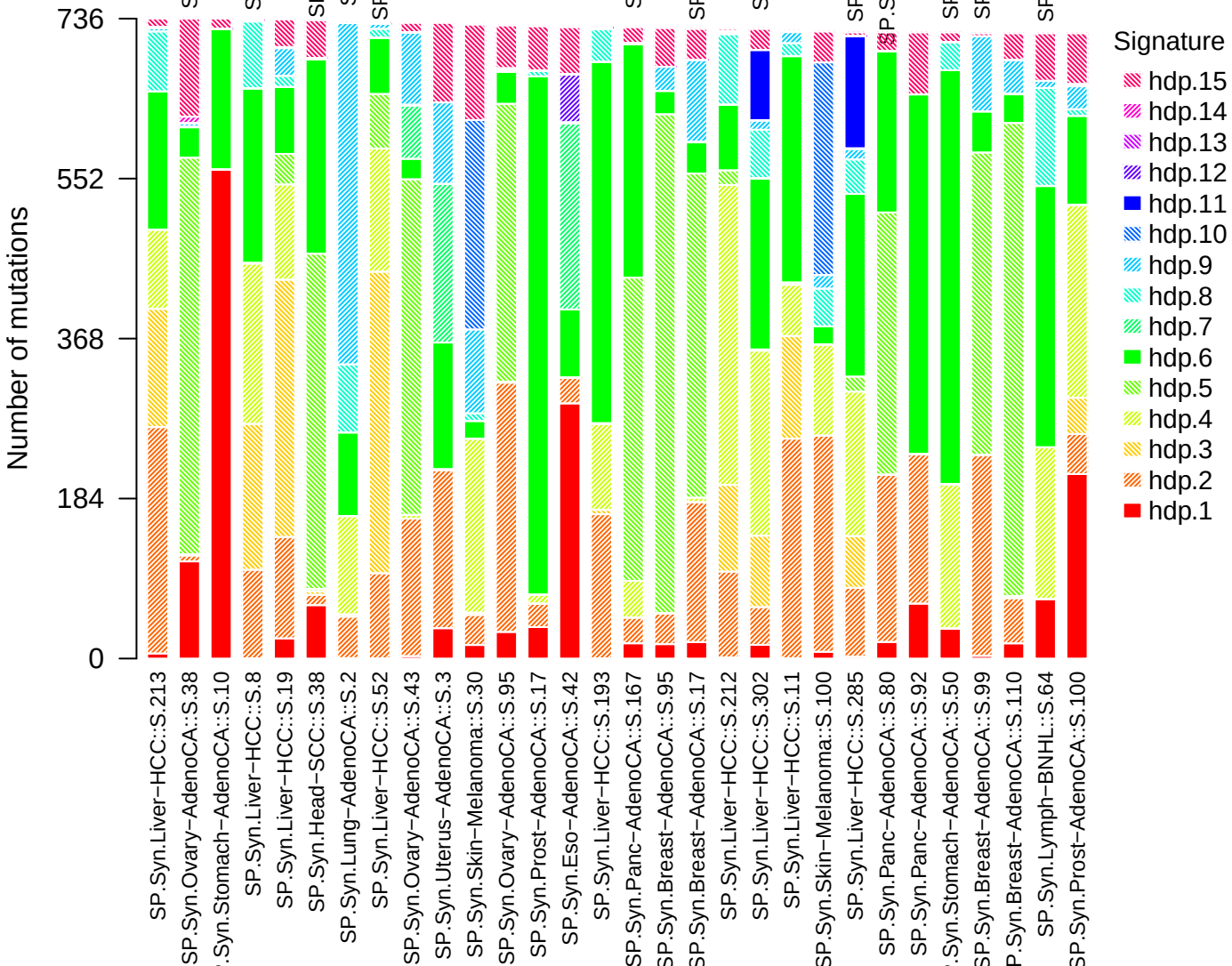
hdp.2
hdp.1


Number of mutations
736
552
368
184
0
SP.Syn.Liver−HCC::S.213
SP.Syn.Ovary−AdenoCA::S.38
SP.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.Lung−AdenoCA::S.2
SP.Syn.Liver−HCC::S.52
SP.Syn.Ovary−AdenoCA::S.43
SP.Syn.Uterus−AdenoCA::S.3
SP.Syn.Skin−Melanoma::S.30
SP.Syn.Ovary−AdenoCA::S.95
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.Panc−AdenoCA::S.92
SP.Syn.Stomach−AdenoCA::S.50
SP.Syn.Breast−AdenoCA::S.99
SP.Syn.Breast−AdenoCA::S.110
SP.Syn.Lymph−BNHL::S.64
SP.Syn.Prost−AdenoCA::S.100
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
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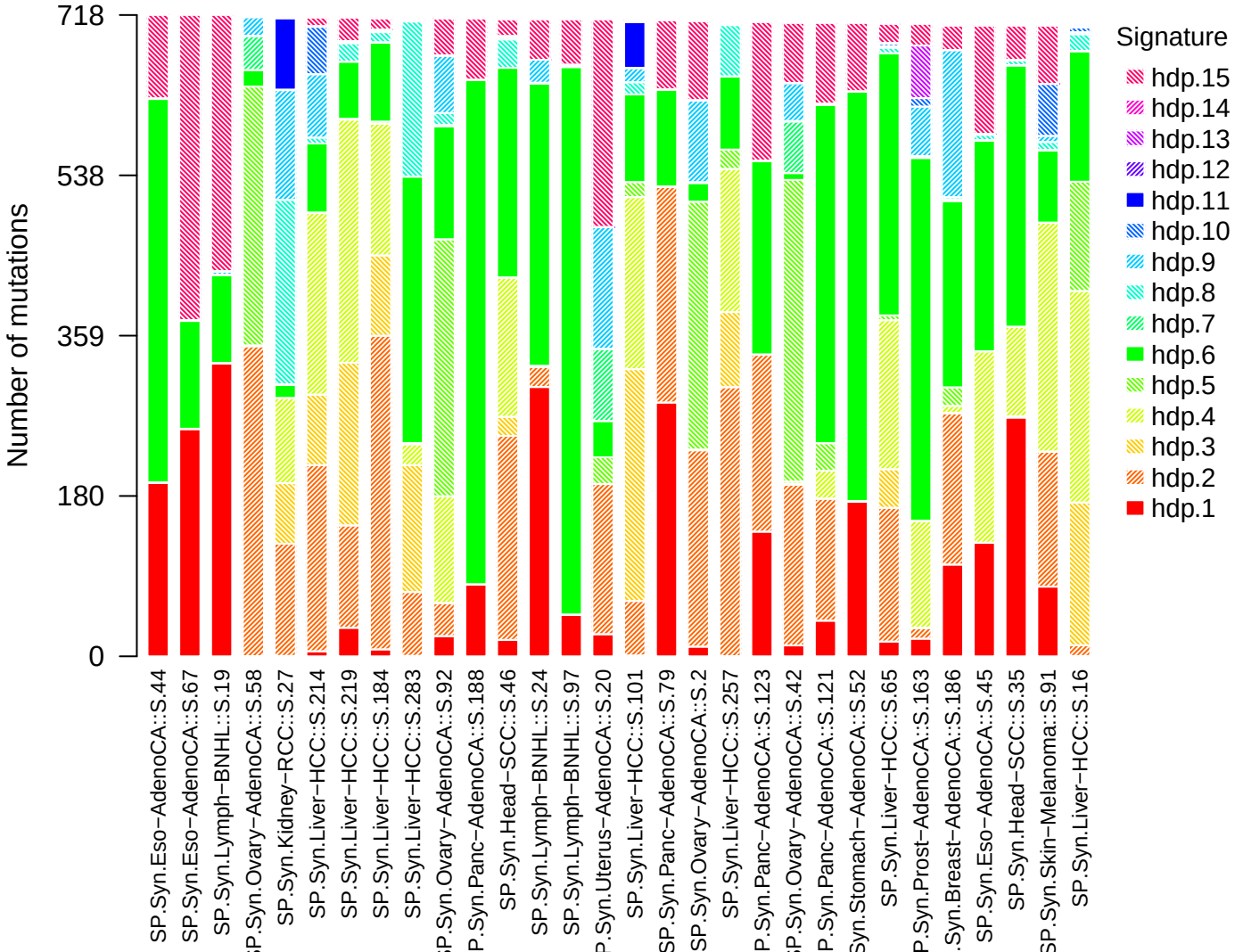
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1


Number of mutations
0
180
359
538
718
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
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.Ovary−AdenoCA::S.42
SP.Syn.Panc−AdenoCA::S.121
P.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
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
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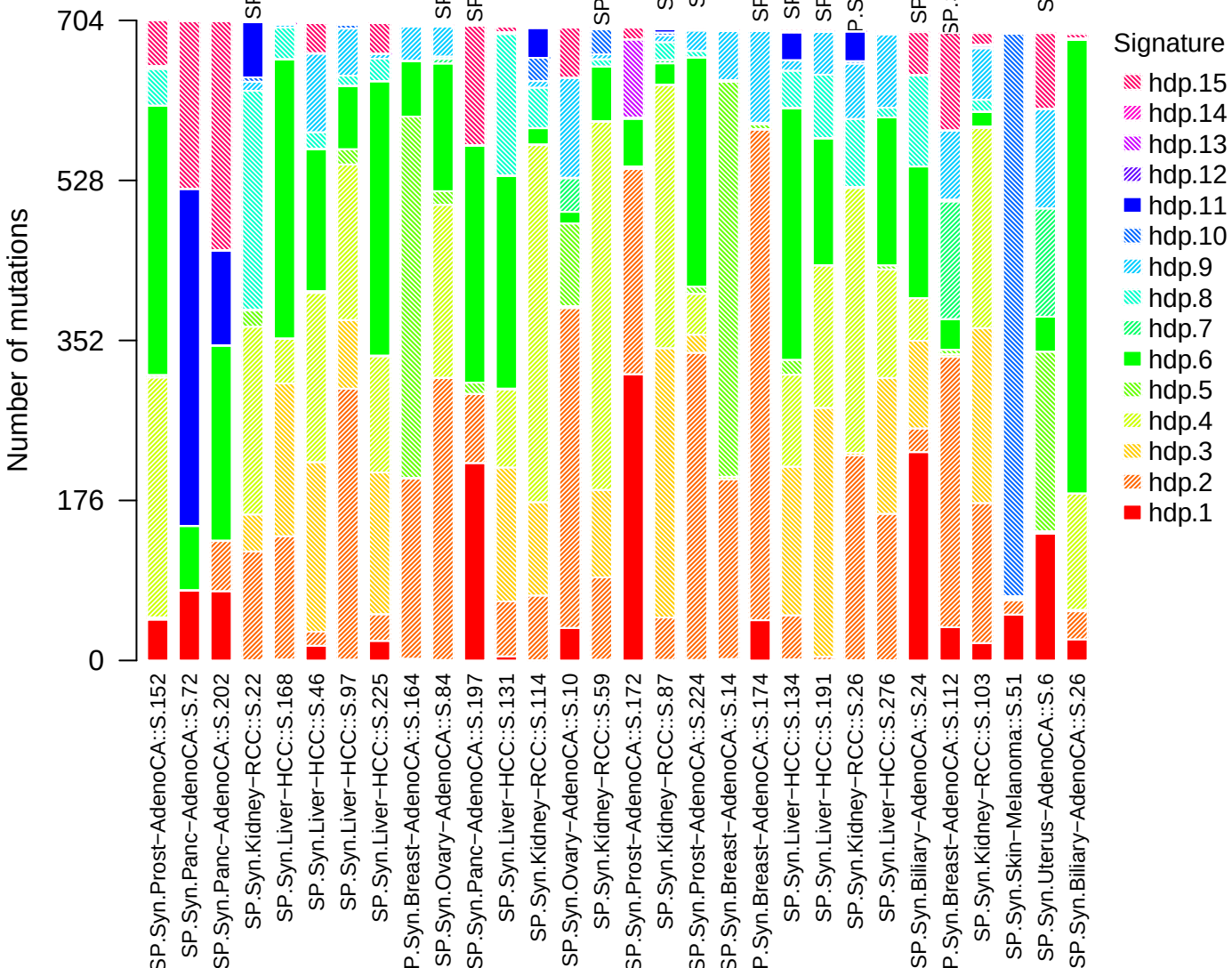
hdp.2
hdp.1


Number of mutations
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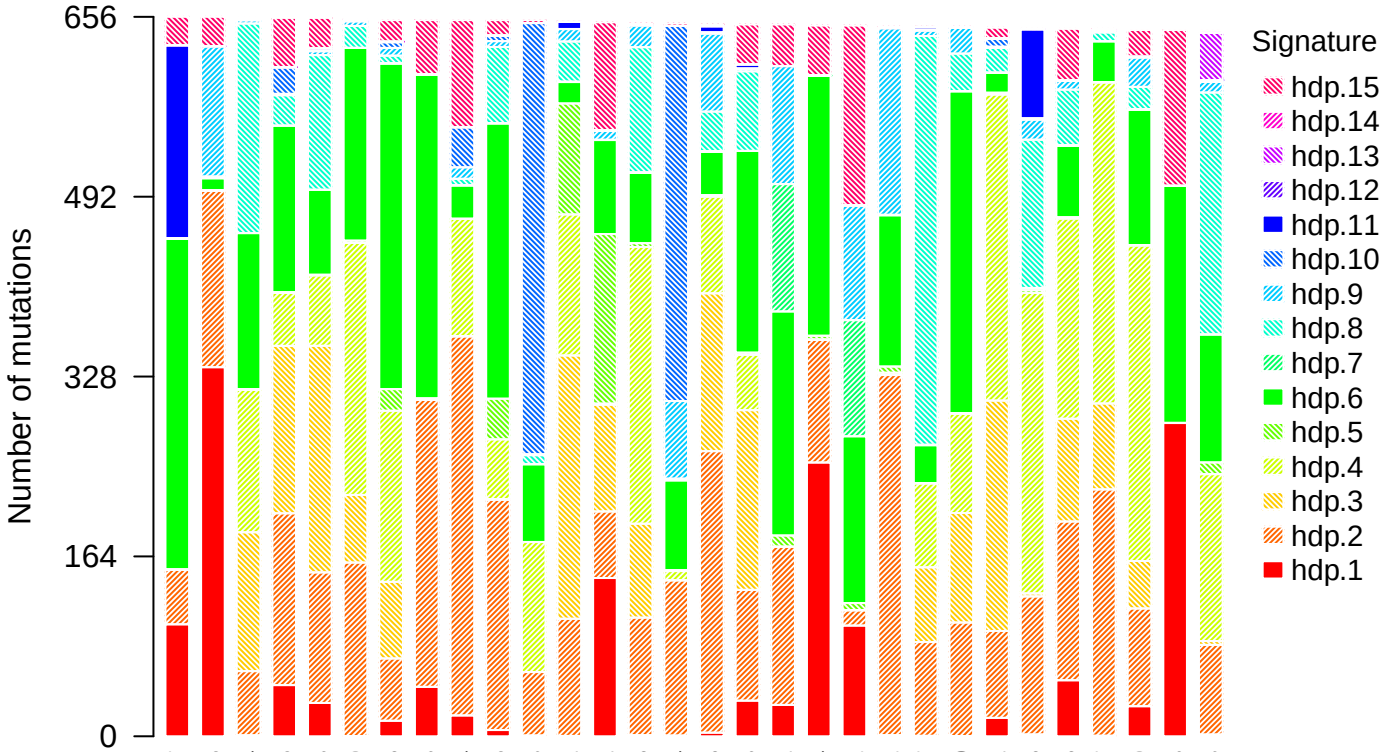
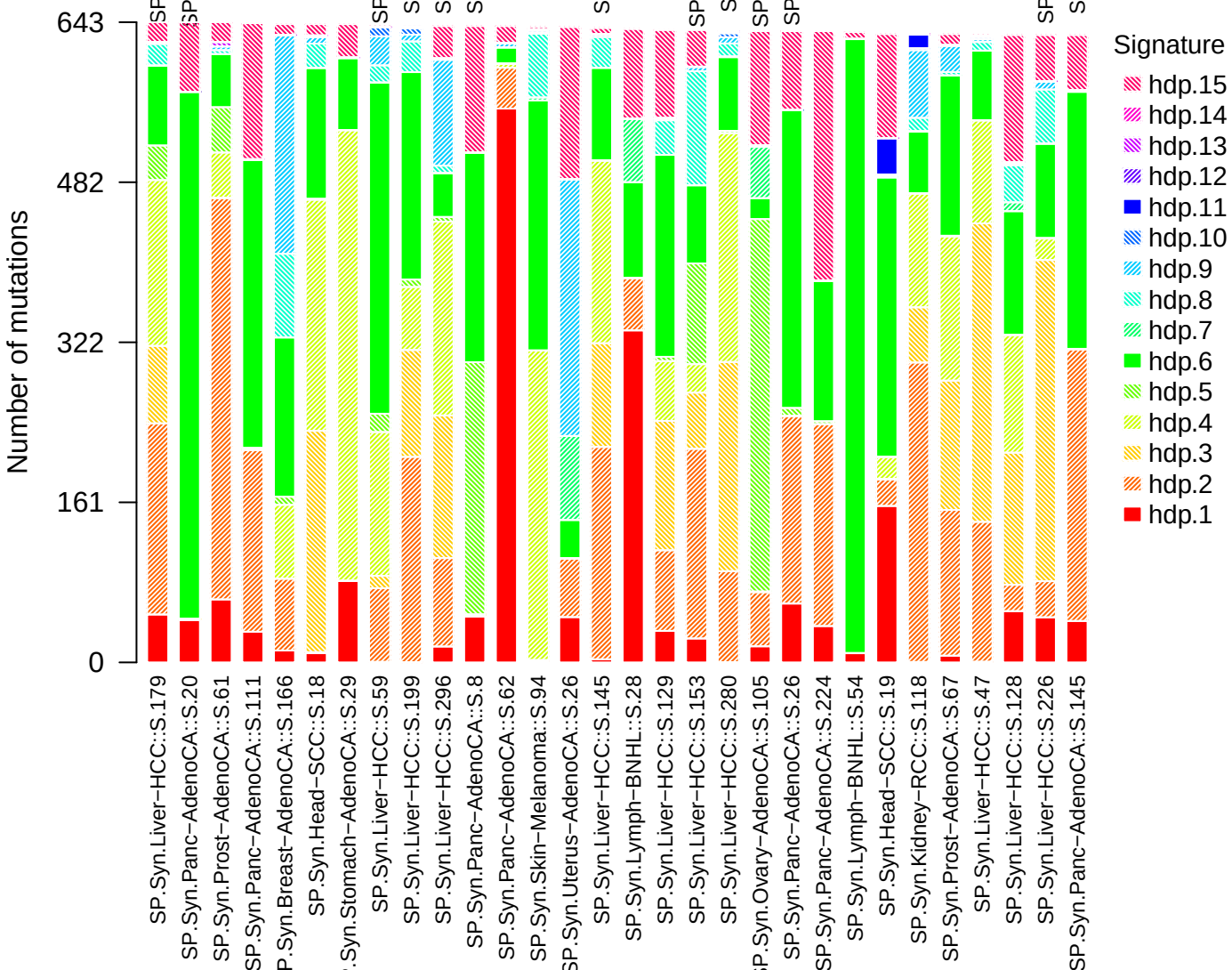
176
352
528
704
SP.Syn.Prost−AdenoCA::S.152
SP.Syn.Panc−AdenoCA::S.72
SP.Syn.Panc−AdenoCA::S.202
SP.Syn.Kidney−RCC::S.22
SP.Syn.Liver−HCC::S.168
SP.Syn.Liver−HCC::S.46
SP.Syn.Liver−HCC::S.97
SP.Syn.Liver−HCC::S.225
P.Syn.Breast−AdenoCA::S.164
SP.Syn.Ovary−AdenoCA::S.84
SP.Syn.Panc−AdenoCA::S.197
SP.Syn.Liver−HCC::S.131
SP.Syn.Kidney−RCC::S.114
SP.Syn.Ovary−AdenoCA::S.10
SP.Syn.Kidney−RCC::S.59
SP.Syn.Prost−AdenoCA::S.172
SP.Syn.Kidney−RCC::S.87
SP.Syn.Prost−AdenoCA::S.224
SP.Syn.Breast−AdenoCA::S.14
P.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
P.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
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
689
517
344
172
0
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
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.Eso−AdenoCA::S.23
SP.Syn.Kidney−RCC::S.111
SP.Syn.Skin−Melanoma::S.49
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
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
673
505
336
168
0
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
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.Skin−Melanoma::S.11
SP.Syn.Kidney−RCC::S.40
SP.Syn.Liver−HCC::S.68
SP.Syn.Prost−AdenoCA::S.16
SP.Syn.Skin−Melanoma::S.65
.Syn.ColoRect−AdenoCA::S.28
SP.Syn.Breast−AdenoCA::S.28
.Syn.ColoRect−AdenoCA::S.23
SP.Syn.Liver−HCC::S.204
SP.Syn.Liver−HCC::S.264
SP.Syn.Panc−AdenoCA::S.134
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
656
492
328
164
0
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
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
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
643
482
322
161
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SP.Syn.Liver−HCC::S.179
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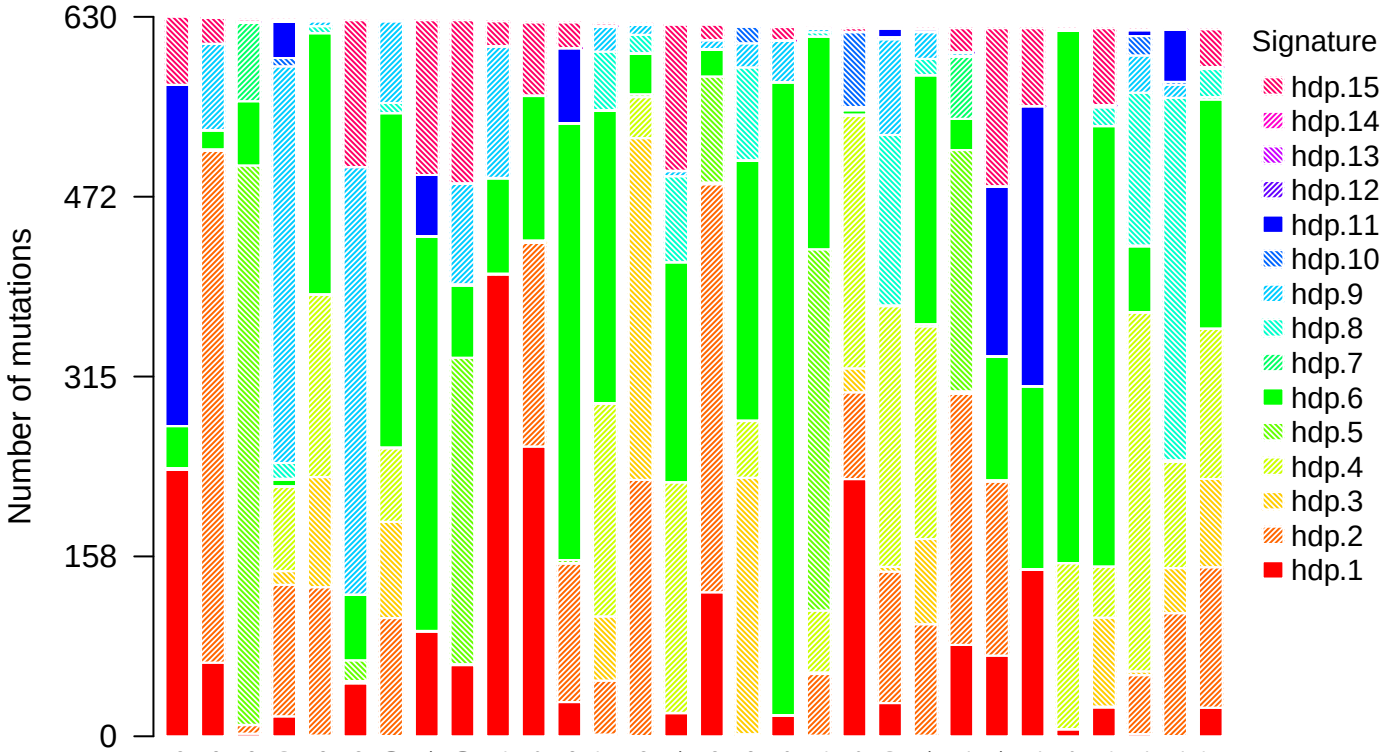
SP.Syn.Prost−AdenoCA::S.61
SP.Syn.Panc−AdenoCA::S.111
P.Syn.Breast−AdenoCA::S.166
SP.Syn.Head−SCC::S.18
.Syn.Stomach−AdenoCA::S.29
SP.Syn.Liver−HCC::S.59
SP.Syn.Liver−HCC::S.199
SP.Syn.Liver−HCC::S.296
SP.Syn.Panc−AdenoCA::S.8
SP.Syn.Panc−AdenoCA::S.62
SP.Syn.Skin−Melanoma::S.94
SP.Syn.Uterus−AdenoCA::S.26
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
P.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
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
630
472
315
158
0
SP.Syn.Panc−AdenoCA::S.206
SP.Syn.Breast−AdenoCA::S.55
P.Syn.Breast−AdenoCA::S.115
SP.Syn.Kidney−RCC::S.99
SP.Syn.Liver−HCC::S.215
P.Syn.Breast−AdenoCA::S.136
SP.Syn.Liver−HCC::S.190
SP.Syn.Panc−AdenoCA::S.214
SP.Syn.Uterus−AdenoCA::S.10
SP.Syn.Lymph−BNHL::S.12
SP.Syn.Panc−AdenoCA::S.43
SP.Syn.Panc−AdenoCA::S.205
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
P.Syn.Stomach−AdenoCA::S.53
SP.Syn.Prost−AdenoCA::S.52
SP.Syn.Kidney−RCC::S.41
SP.Syn.Kidney−RCC::S.141
SP.Syn.Liver−HCC::S.17
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
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hdp.4
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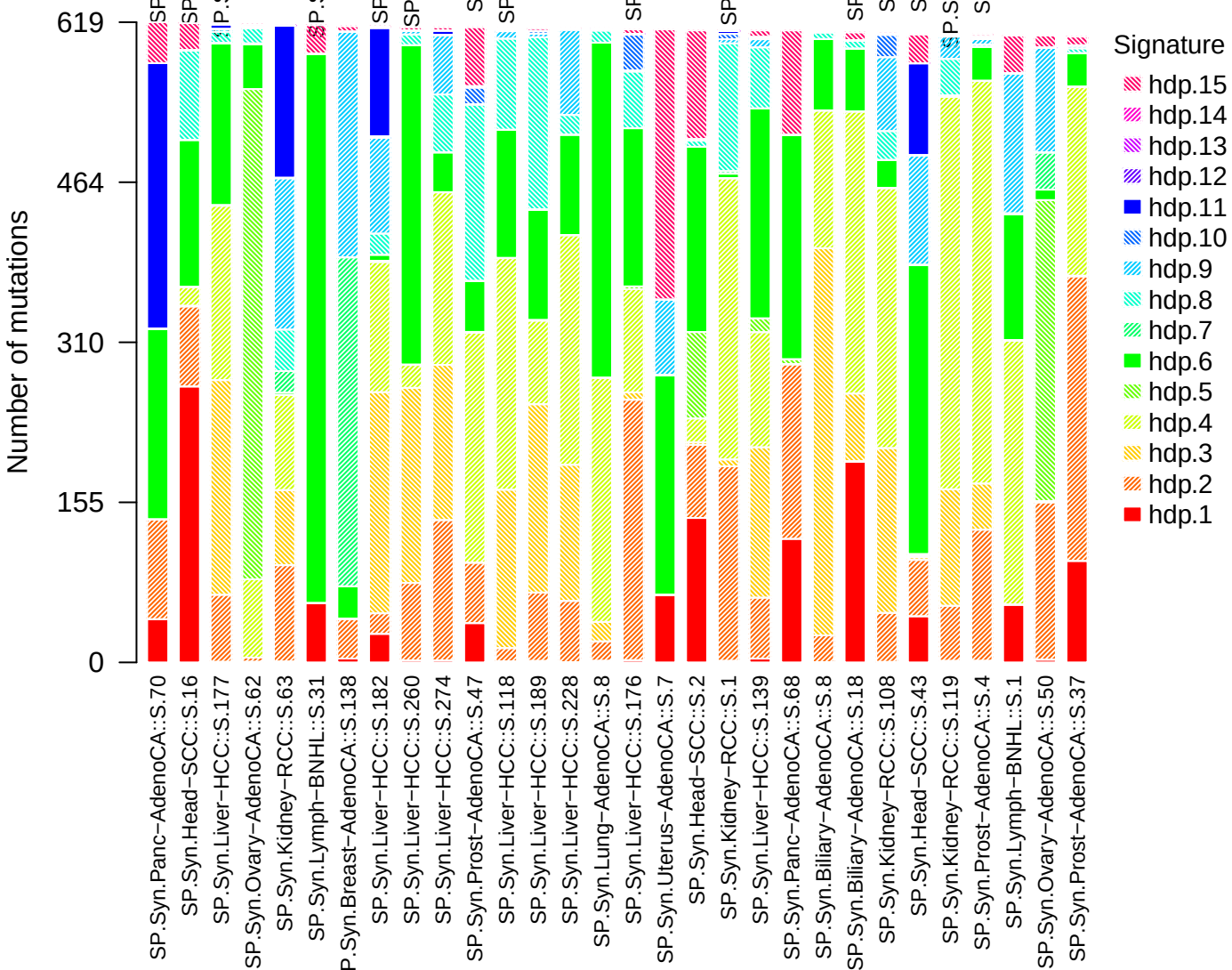
hdp.1


Number of mutations
619
464
310
155
0
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
P.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
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
Signature
hdp.15
hdp.14
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hdp.12
hdp.11
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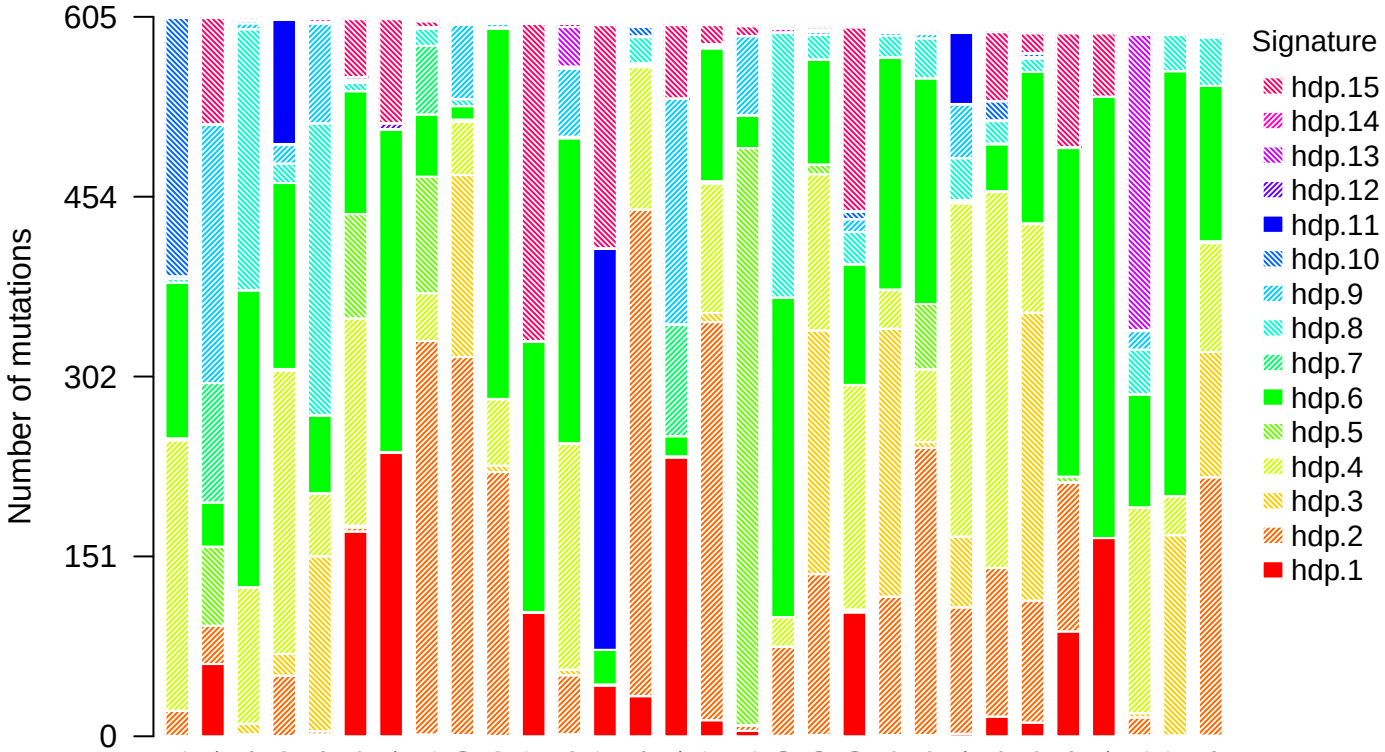
hdp.2
hdp.1


Number of mutations
605
454
302
151
0
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
SP.Syn.Panc−AdenoCA::S.217
SP.Syn.Skin−Melanoma::S.85
SP.Syn.Uterus−AdenoCA::S.4
SP.Syn.Head−SCC::S.37
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
Signature
hdp.15
hdp.14
hdp.13
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hdp.11
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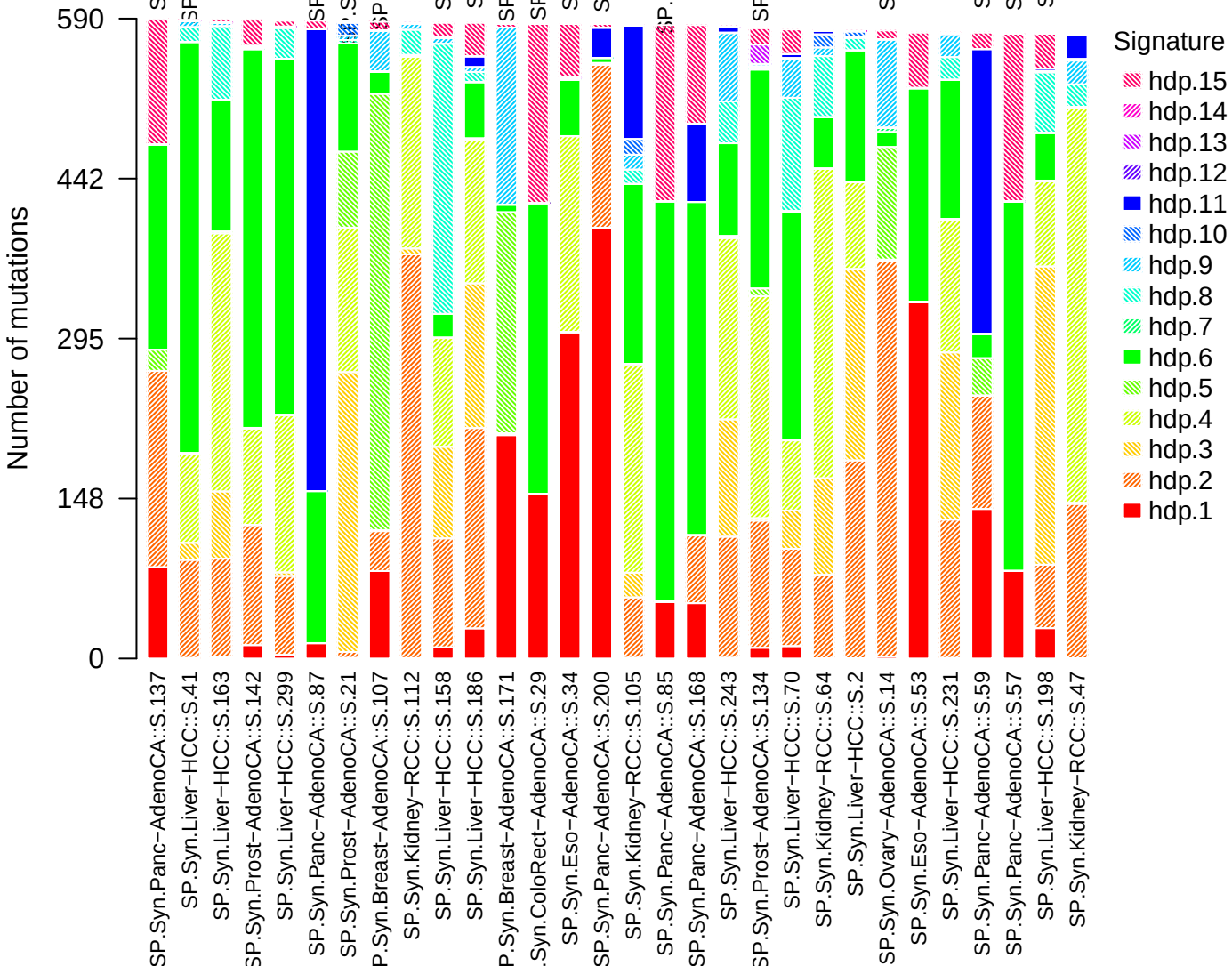
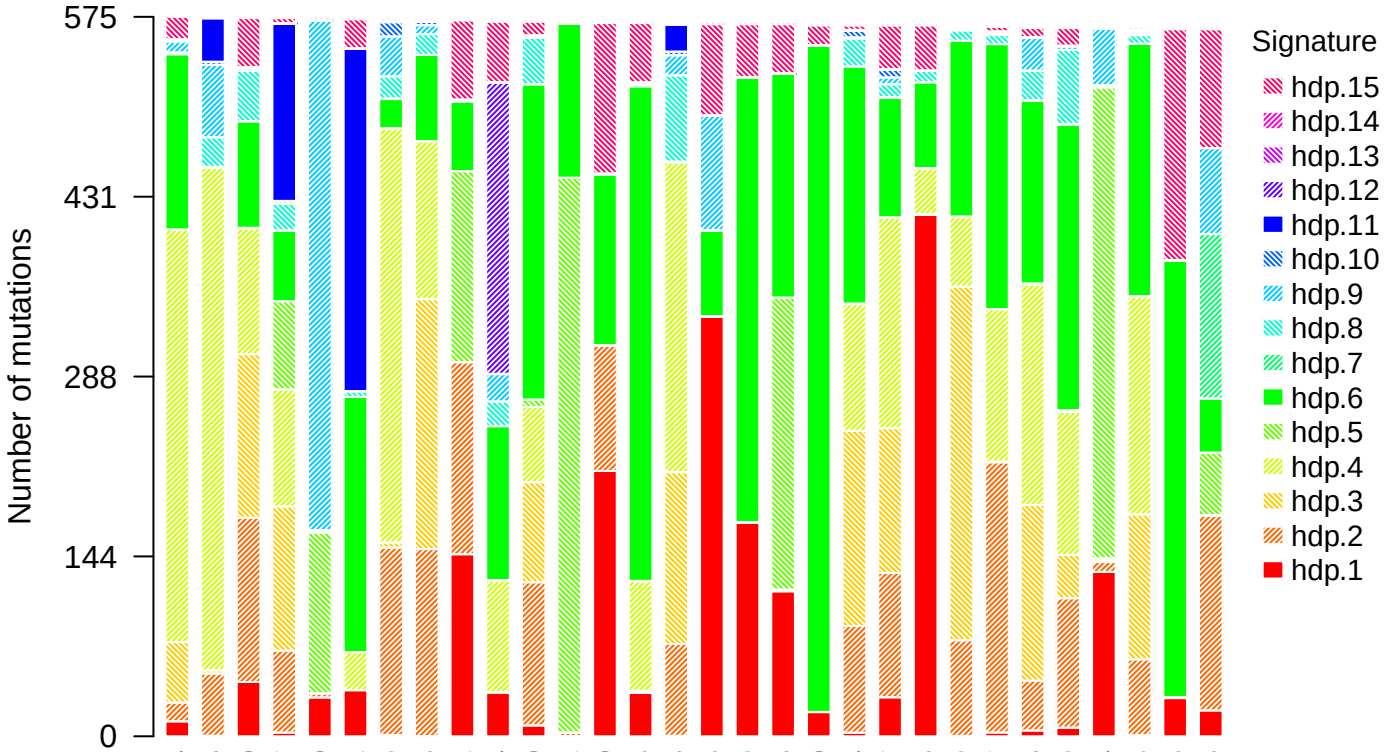
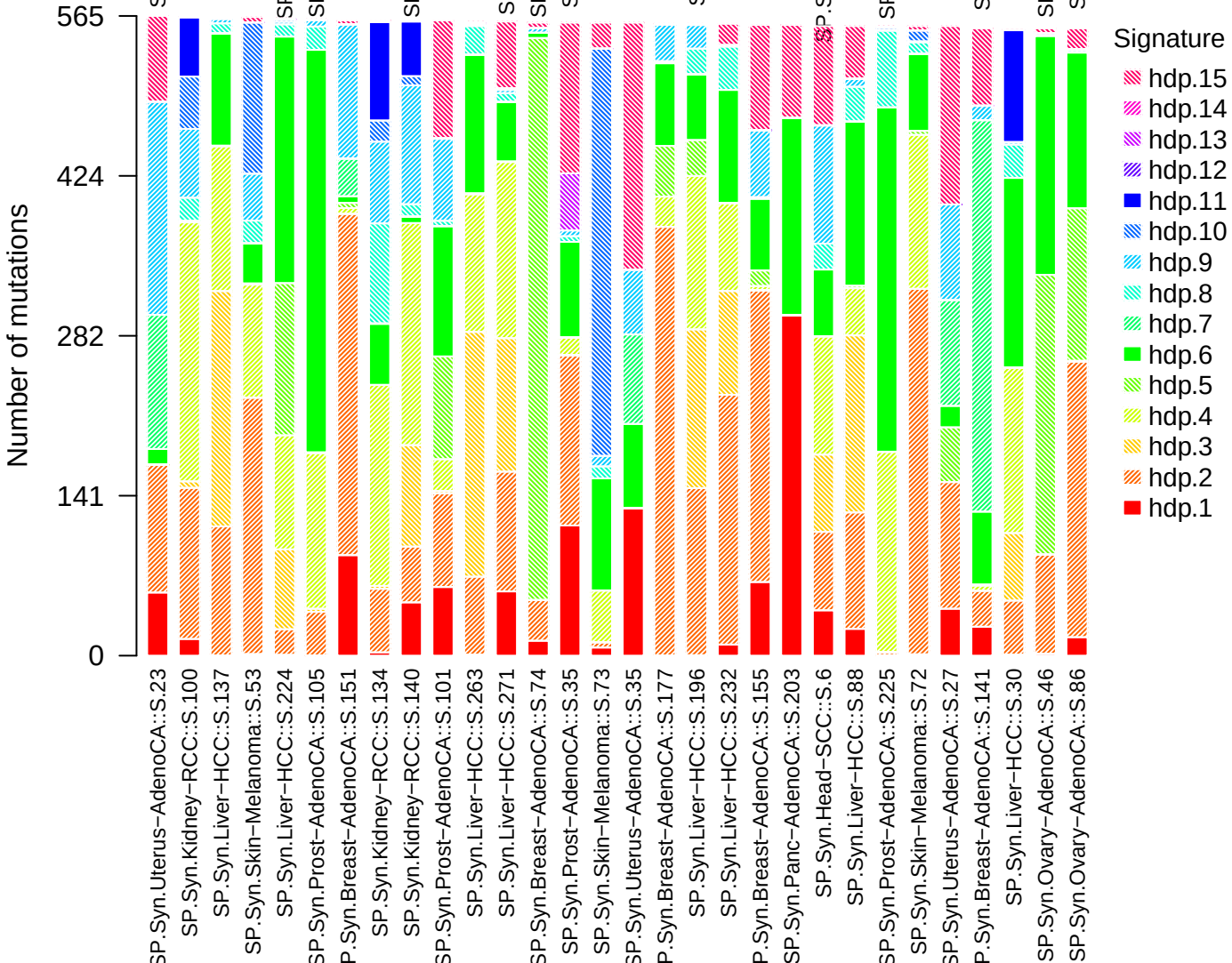
hdp.2
hdp.1


Number of mutations
590
442
295
148
0
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
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.Panc−AdenoCA::S.57
SP.Syn.Liver−HCC::S.198
SP.Syn.Kidney−RCC::S.47
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
575
431
288
144
0
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
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
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
565
424
282
141
0
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
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
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
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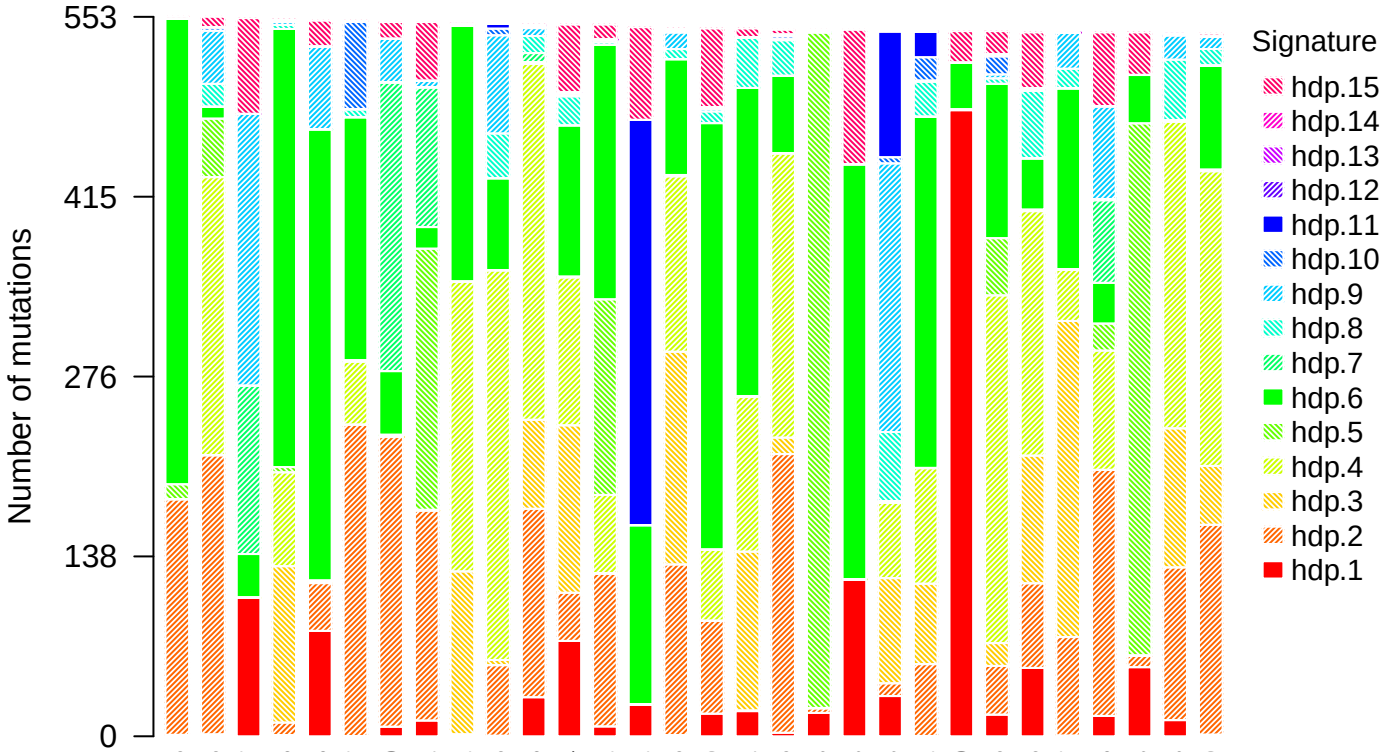
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1


Number of mutations
553
415
276
138
0
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
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
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
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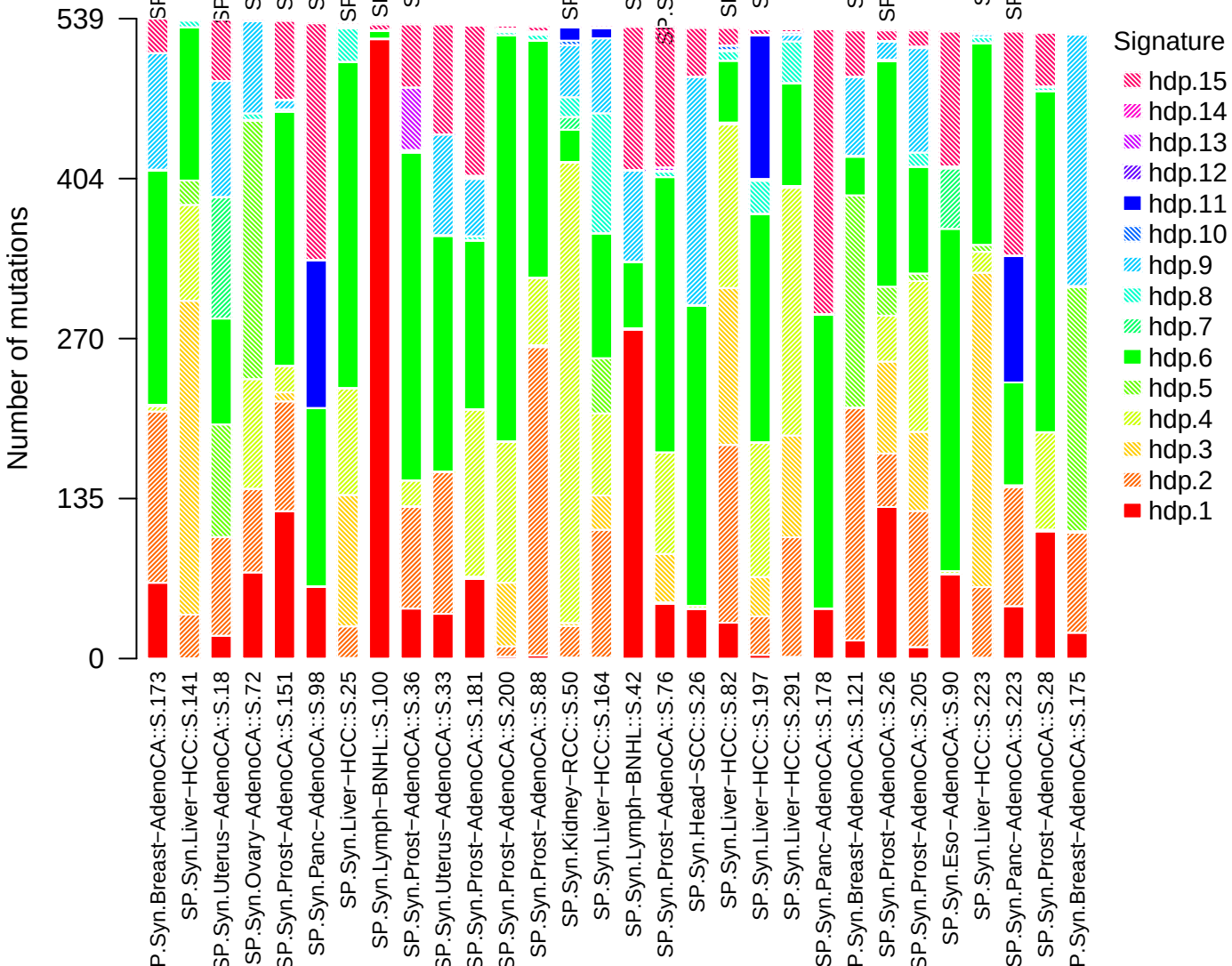
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1


Number of mutations
539
404
270
135
0
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
SP.Syn.Prost−AdenoCA::S.88
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.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
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
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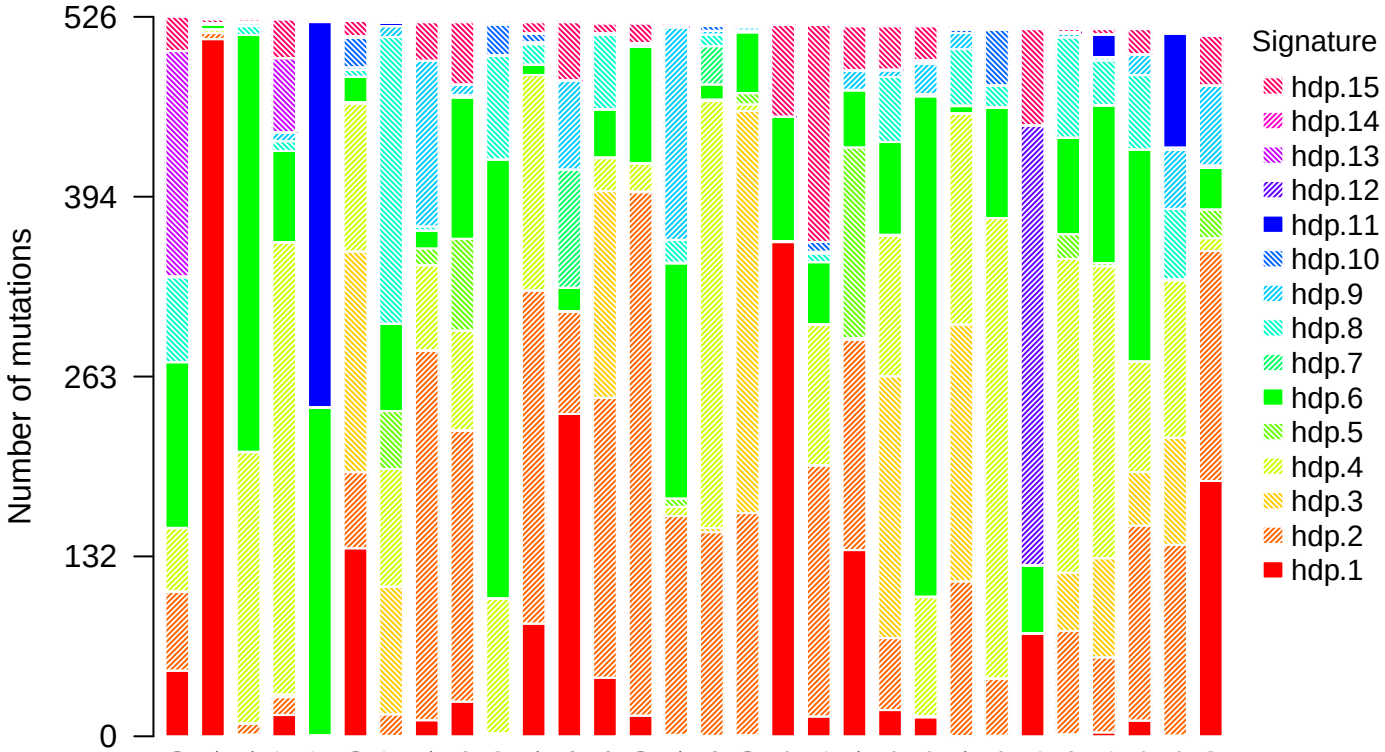
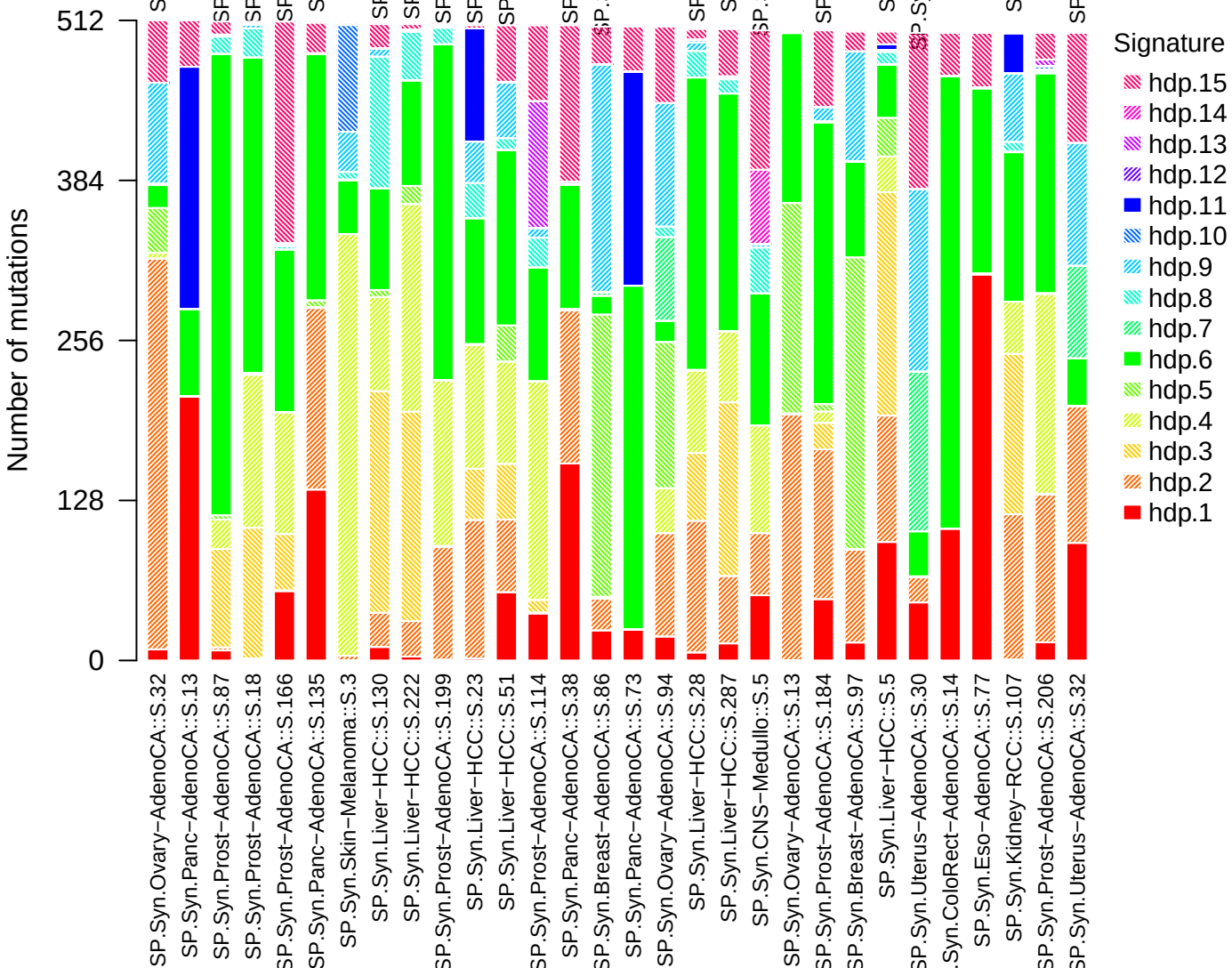
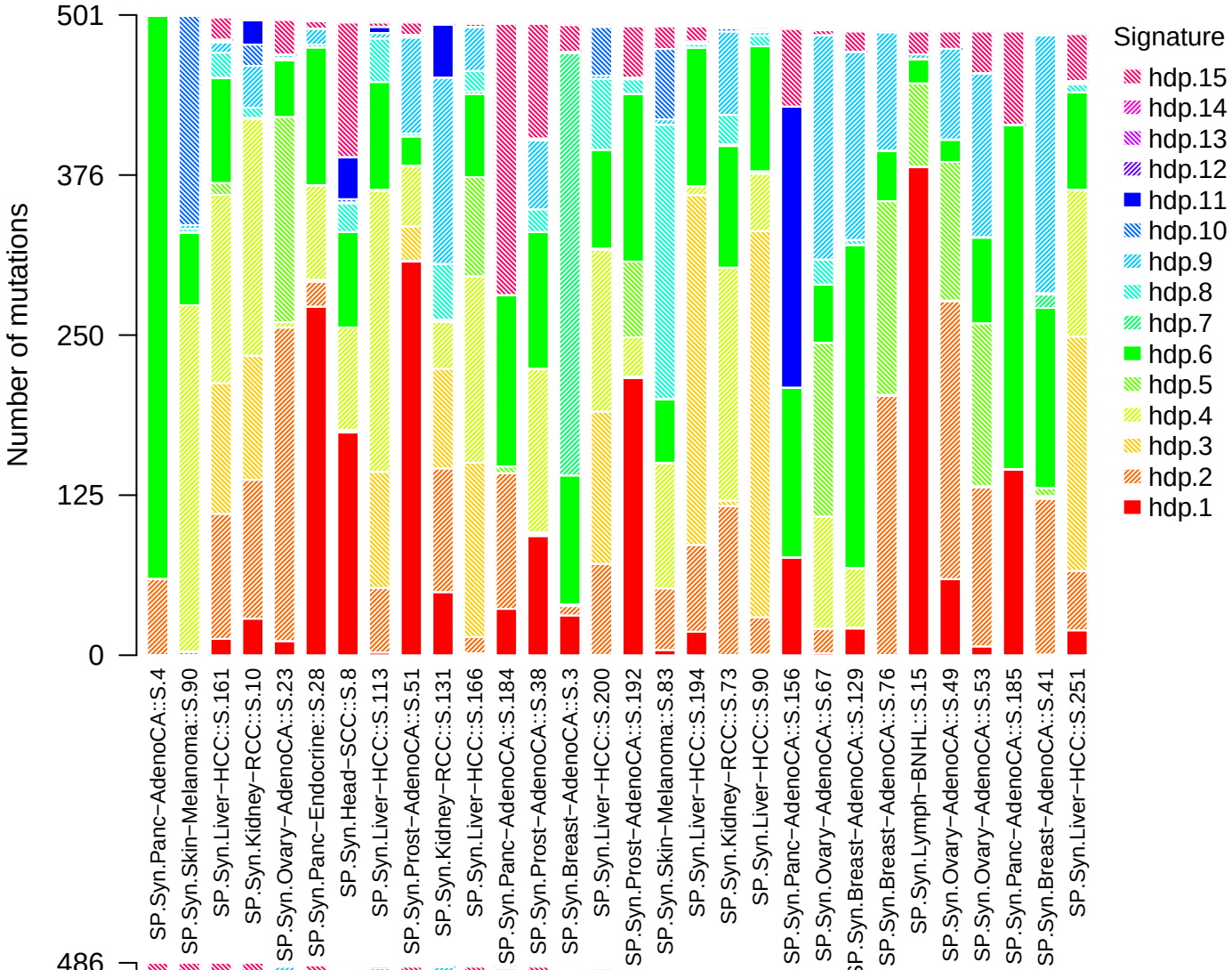
hdp.2
hdp.1


Number of mutations
526
394
263
132
0
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
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
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
512
384
256
128
0
SP.Syn.Ovary−AdenoCA::S.32
SP.Syn.Panc−AdenoCA::S.13
SP.Syn.Prost−AdenoCA::S.87
SP.Syn.Prost−AdenoCA::S.18
SP.Syn.Prost−AdenoCA::S.166
SP.Syn.Panc−AdenoCA::S.135
SP.Syn.Skin−Melanoma::S.3
SP.Syn.Liver−HCC::S.130
SP.Syn.Liver−HCC::S.222
SP.Syn.Prost−AdenoCA::S.199
SP.Syn.Liver−HCC::S.23
SP.Syn.Liver−HCC::S.51
SP.Syn.Prost−AdenoCA::S.114
SP.Syn.Panc−AdenoCA::S.38
SP.Syn.Breast−AdenoCA::S.86
SP.Syn.Panc−AdenoCA::S.73
SP.Syn.Ovary−AdenoCA::S.94
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.Uterus−AdenoCA::S.30
.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.32
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
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376
250
125
0
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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.Kidney−RCC::S.131
SP.Syn.Liver−HCC::S.166
SP.Syn.Panc−AdenoCA::S.184
SP.Syn.Prost−AdenoCA::S.38
SP.Syn.Breast−AdenoCA::S.3
SP.Syn.Liver−HCC::S.200
SP.Syn.Prost−AdenoCA::S.192
SP.Syn.Skin−Melanoma::S.83
SP.Syn.Liver−HCC::S.194
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.Breast−AdenoCA::S.76
SP.Syn.Lymph−BNHL::S.15
SP.Syn.Ovary−AdenoCA::S.49
SP.Syn.Ovary−AdenoCA::S.53
SP.Syn.Panc−AdenoCA::S.185
SP.Syn.Breast−AdenoCA::S.41
SP.Syn.Liver−HCC::S.251
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
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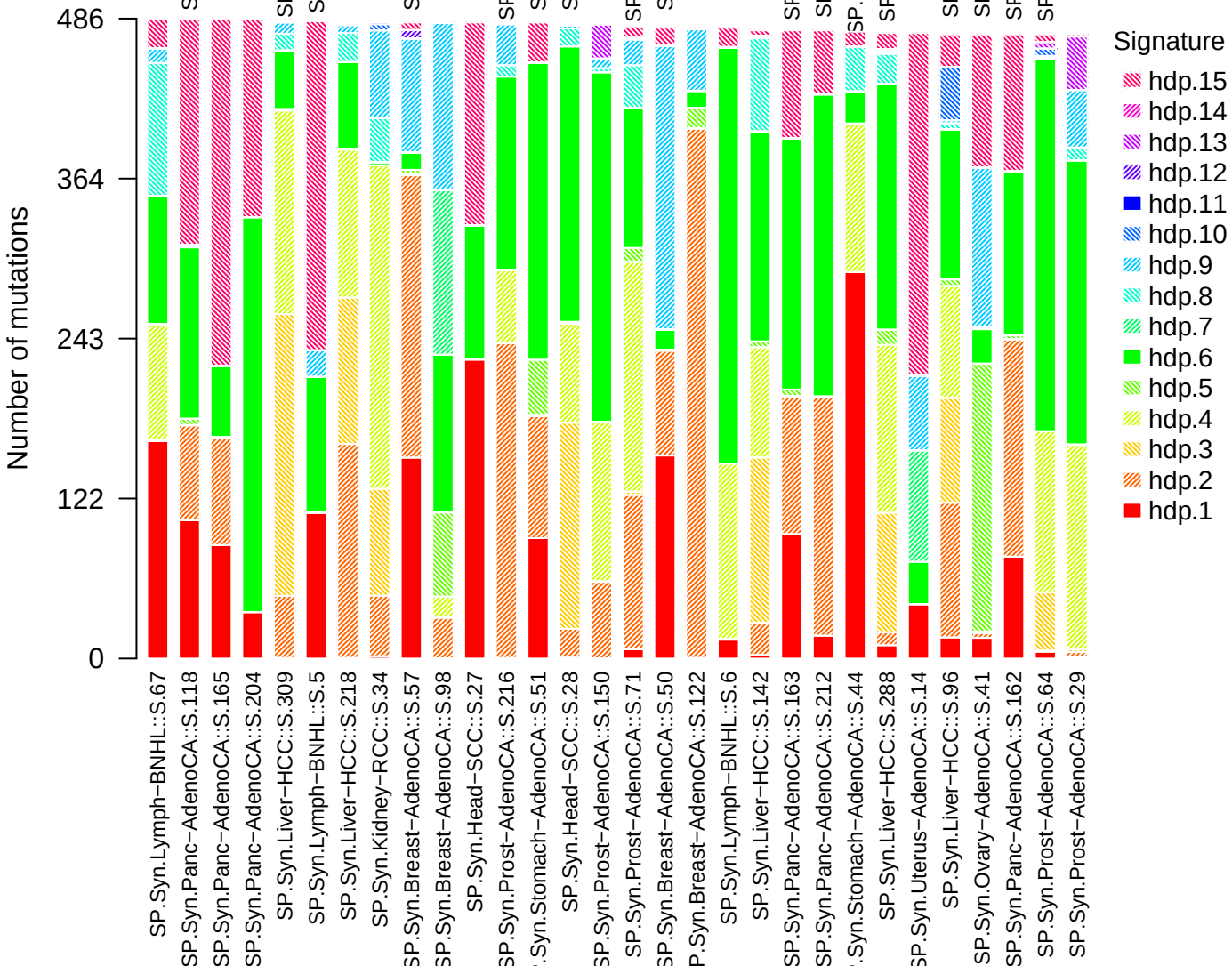
hdp.2
hdp.1


Number of mutations
486
364
243
122
0
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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.Liver−HCC::S.218
SP.Syn.Kidney−RCC::S.34
SP.Syn.Breast−AdenoCA::S.57
SP.Syn.Breast−AdenoCA::S.98
SP.Syn.Head−SCC::S.27
SP.Syn.Prost−AdenoCA::S.216
.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
P.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
.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.64
SP.Syn.Prost−AdenoCA::S.29
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
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hdp.7
hdp.6
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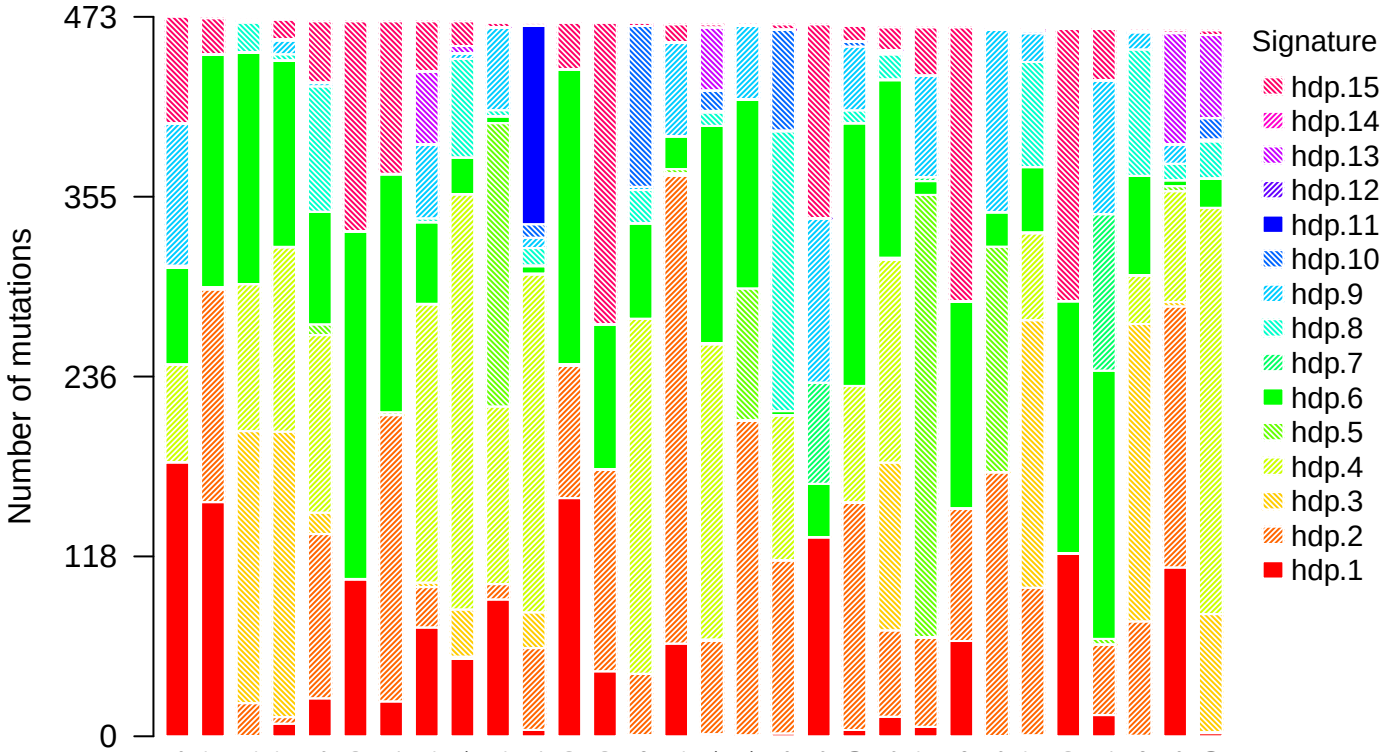
hdp.1


Number of mutations
473
355
236
118
0
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SP.Syn.Panc−AdenoCA::S.17
SP.Syn.Liver−HCC::S.112
SP.Syn.Liver−HCC::S.117
SP.Syn.Liver−HCC::S.313
SP.Syn.Panc−AdenoCA::S.49
SP.Syn.Panc−AdenoCA::S.161
SP.Syn.Prost−AdenoCA::S.42
SP.Syn.Prost−AdenoCA::S.144
SP.Syn.Breast−AdenoCA::S.82
SP.Syn.Kidney−RCC::S.31
SP.Syn.Panc−AdenoCA::S.69
SP.Syn.Panc−AdenoCA::S.109
SP.Syn.Skin−Melanoma::S.15
SP.Syn.Breast−AdenoCA::S.132
SP.Syn.Prost−AdenoCA::S.34
SP.Syn.Breast−AdenoCA::S.84
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.78
SP.Syn.Prost−AdenoCA::S.30
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
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hdp.8
hdp.7
hdp.6
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hdp.2
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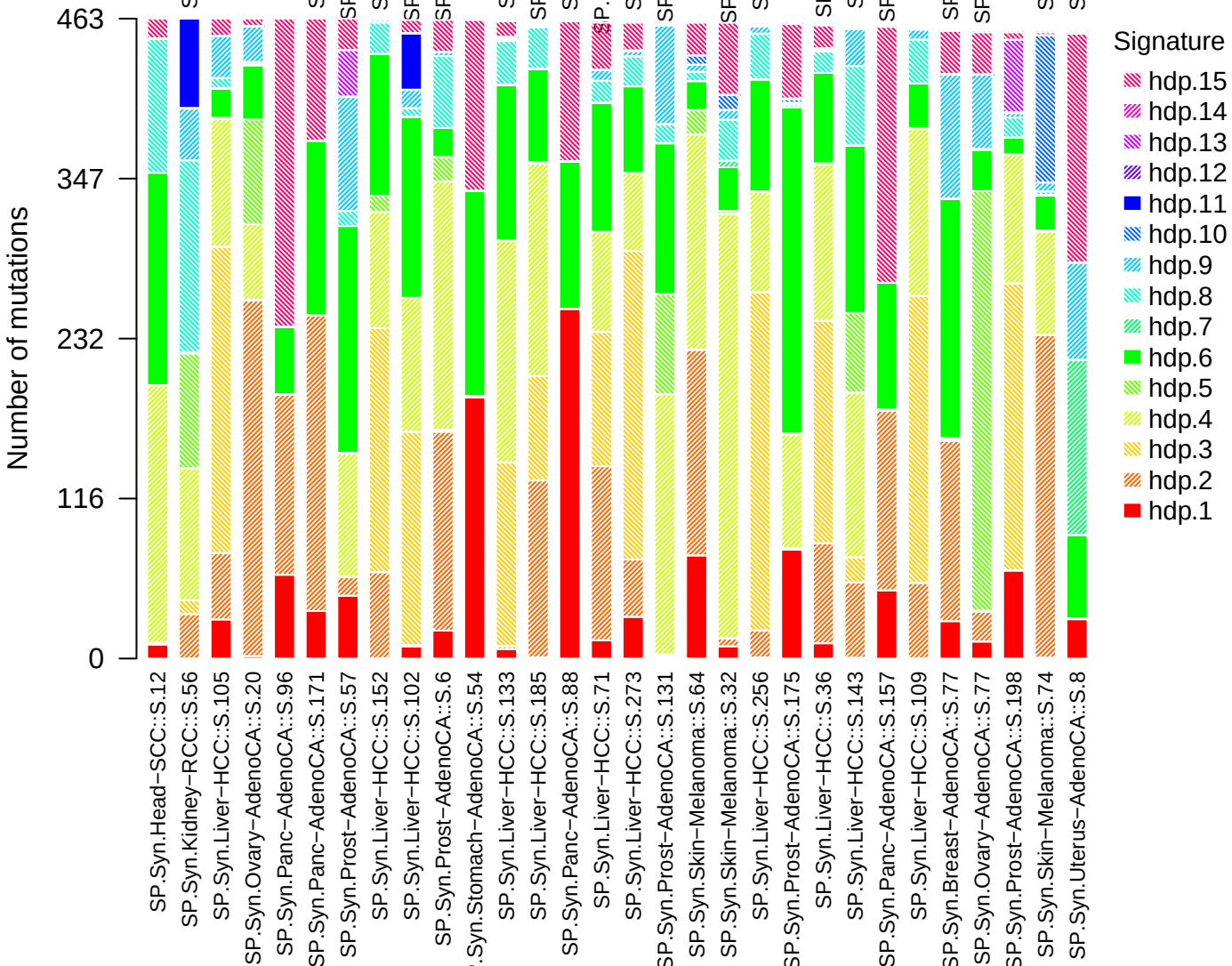
Number of mutations
463
347
232
116
0
SP.Syn.Head−SCC::S.12
SP.Syn.Kidney−RCC::S.56
SP.Syn.Liver−HCC::S.105
SP.Syn.Ovary−AdenoCA::S.20
SP.Syn.Panc−AdenoCA::S.96
SP.Syn.Panc−AdenoCA::S.171
SP.Syn.Prost−AdenoCA::S.57
SP.Syn.Liver−HCC::S.152
SP.Syn.Liver−HCC::S.102
SP.Syn.Prost−AdenoCA::S.6
SP.Syn.Stomach−AdenoCA::S.54
SP.Syn.Liver−HCC::S.133
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
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
hdp.8
hdp.7
hdp.6
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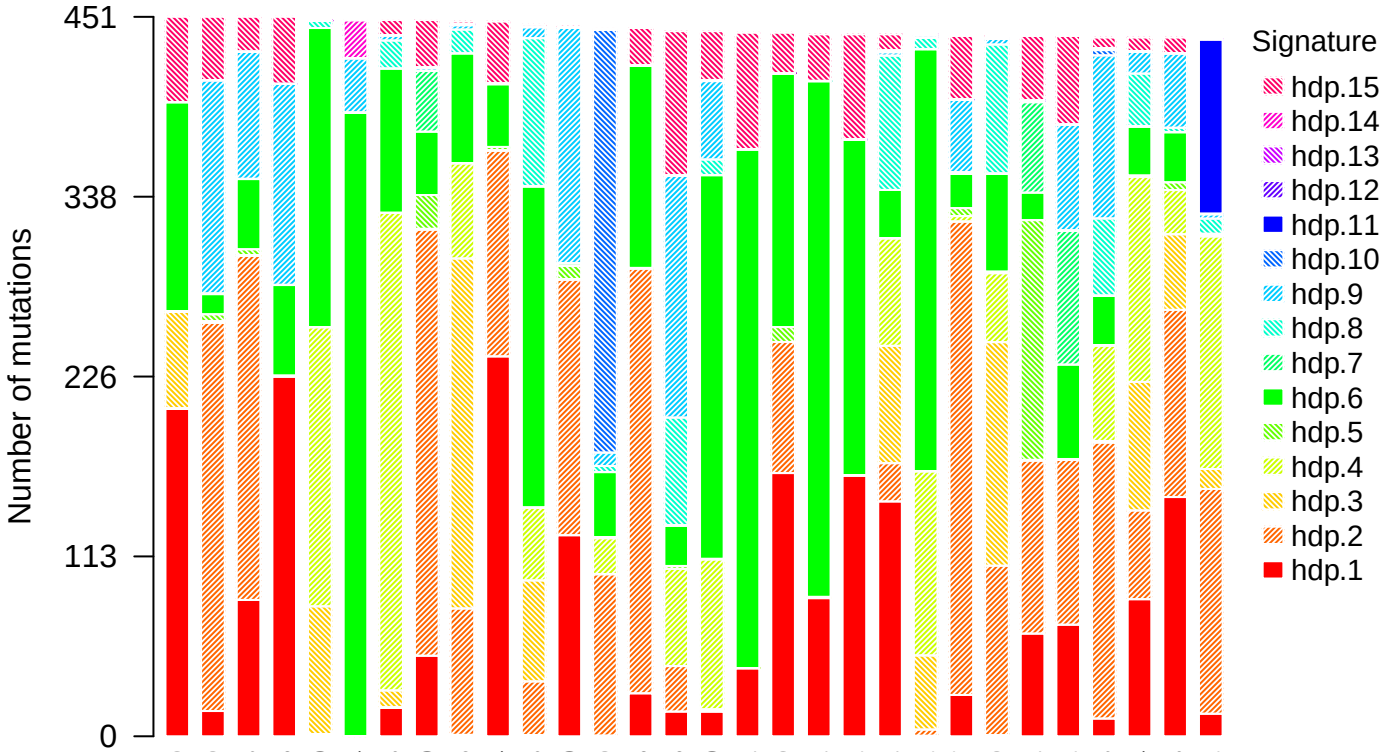
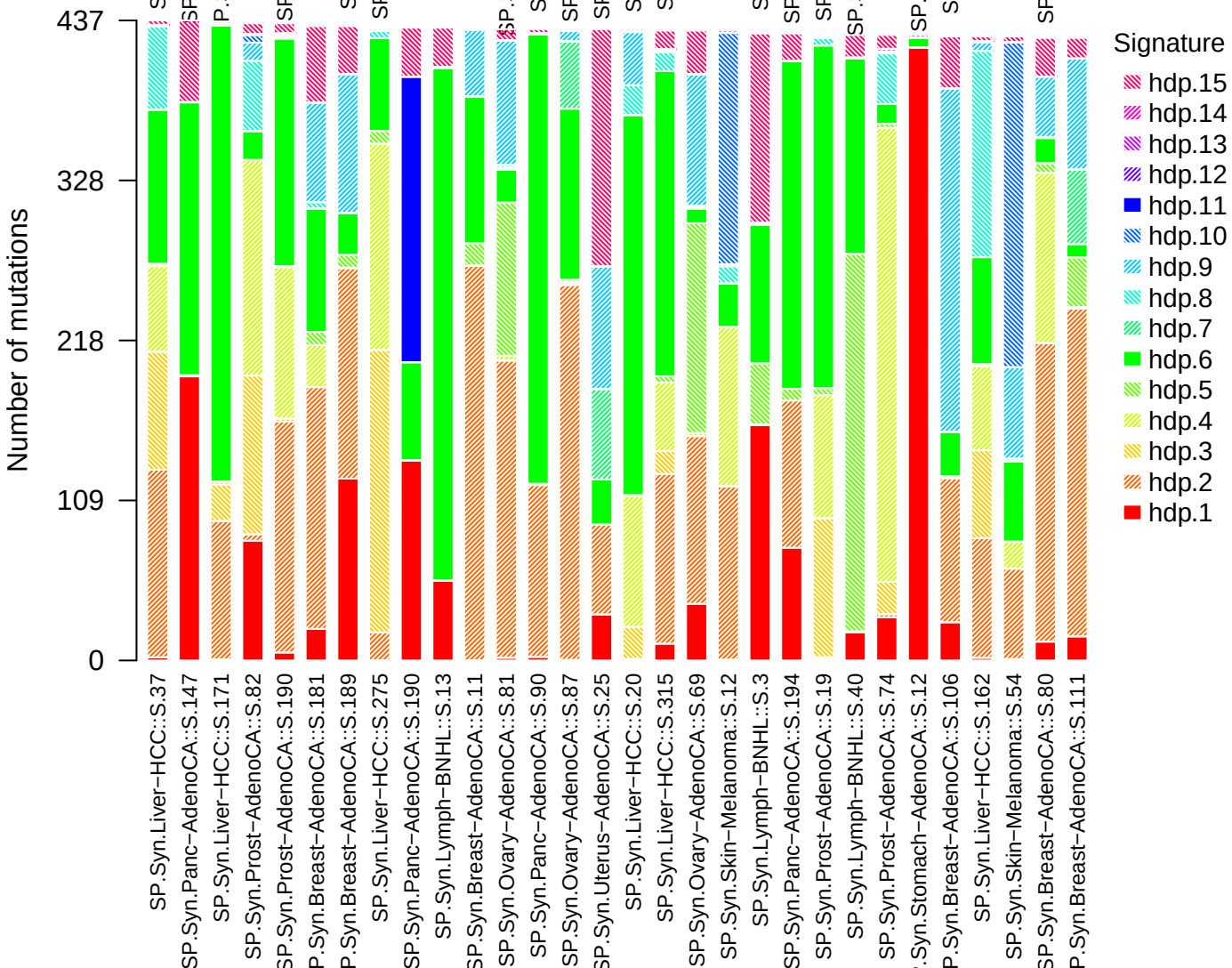
hdp.2
hdp.1


Number of mutations
0
113
226
338
451
SP.Syn.Biliary−AdenoCA::S.9
SP.Syn.Breast−AdenoCA::S.59
P.Syn.Breast−AdenoCA::S.123
SP.Syn.Lymph−BNHL::S.45
SP.Syn.Biliary−AdenoCA::S.10
SP.Syn.CNS−Medullo::S.44
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
SP.Syn.Skin−Melanoma::S.79
SP.Syn.Panc−AdenoCA::S.155
SP.Syn.Ovary−AdenoCA::S.65
SP.Syn.Prost−AdenoCA::S.90
SP.Syn.Panc−AdenoCA::S.71
SP.Syn.Panc−AdenoCA::S.9
SP.Syn.Panc−AdenoCA::S.1
SP.Syn.Panc−AdenoCA::S.52
SP.Syn.Prost−AdenoCA::S.221
SP.Syn.Biliary−AdenoCA::S.12
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
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
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109
218
328
437
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SP.Syn.Liver−HCC::S.171
SP.Syn.Prost−AdenoCA::S.82
SP.Syn.Prost−AdenoCA::S.190
P.Syn.Breast−AdenoCA::S.181
P.Syn.Breast−AdenoCA::S.189
SP.Syn.Liver−HCC::S.275
SP.Syn.Panc−AdenoCA::S.190
SP.Syn.Lymph−BNHL::S.13
SP.Syn.Breast−AdenoCA::S.11
SP.Syn.Ovary−AdenoCA::S.81
SP.Syn.Panc−AdenoCA::S.90
SP.Syn.Ovary−AdenoCA::S.87
SP.Syn.Uterus−AdenoCA::S.25
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.Lymph−BNHL::S.40
SP.Syn.Prost−AdenoCA::S.74
.Syn.Stomach−AdenoCA::S.12
P.Syn.Breast−AdenoCA::S.106
SP.Syn.Liver−HCC::S.162
SP.Syn.Skin−Melanoma::S.54
SP.Syn.Breast−AdenoCA::S.80
P.Syn.Breast−AdenoCA::S.111
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
hdp.9
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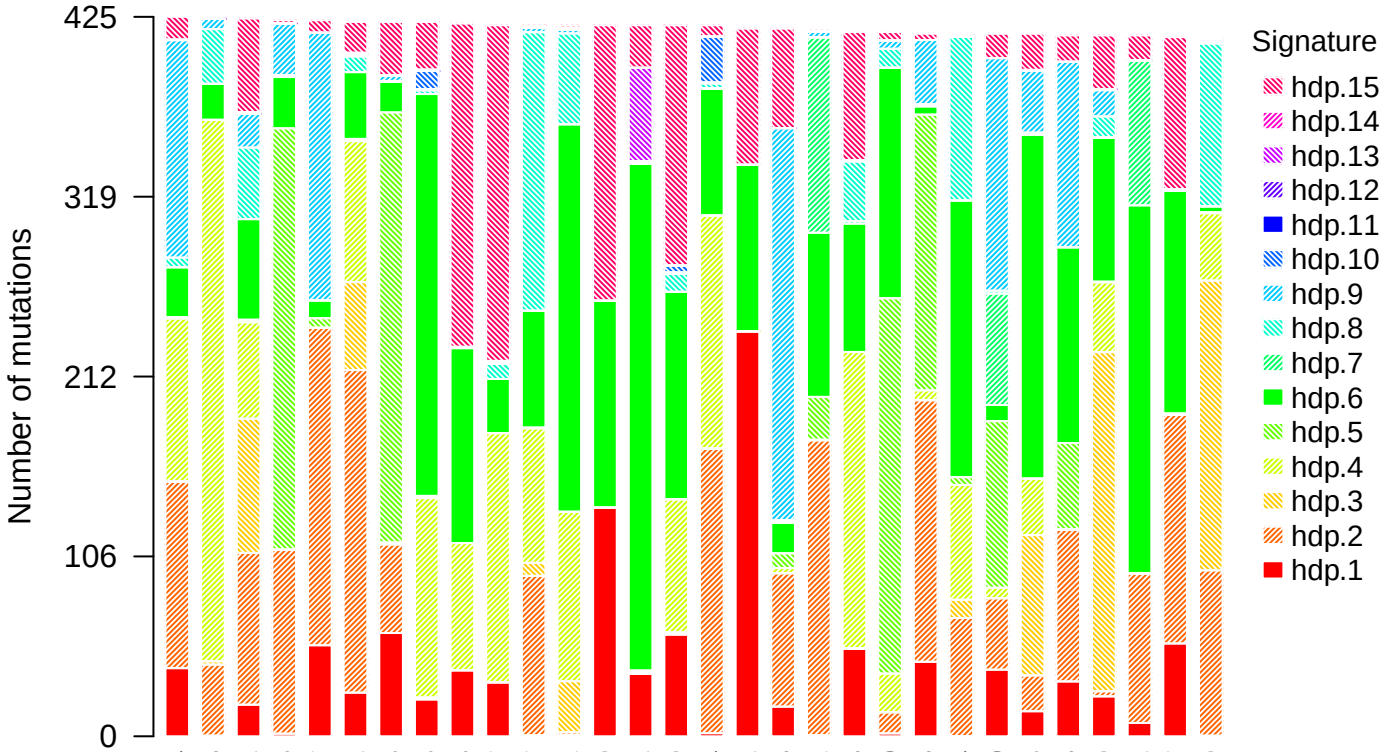
hdp.2
hdp.1


Number of mutations
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319
212
106
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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
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.Breast−AdenoCA::S.145
SP.Syn.Liver−HCC::S.234
SP.Syn.Ovary−AdenoCA::S.70
SP.Syn.Prost−AdenoCA::S.33
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
Signature
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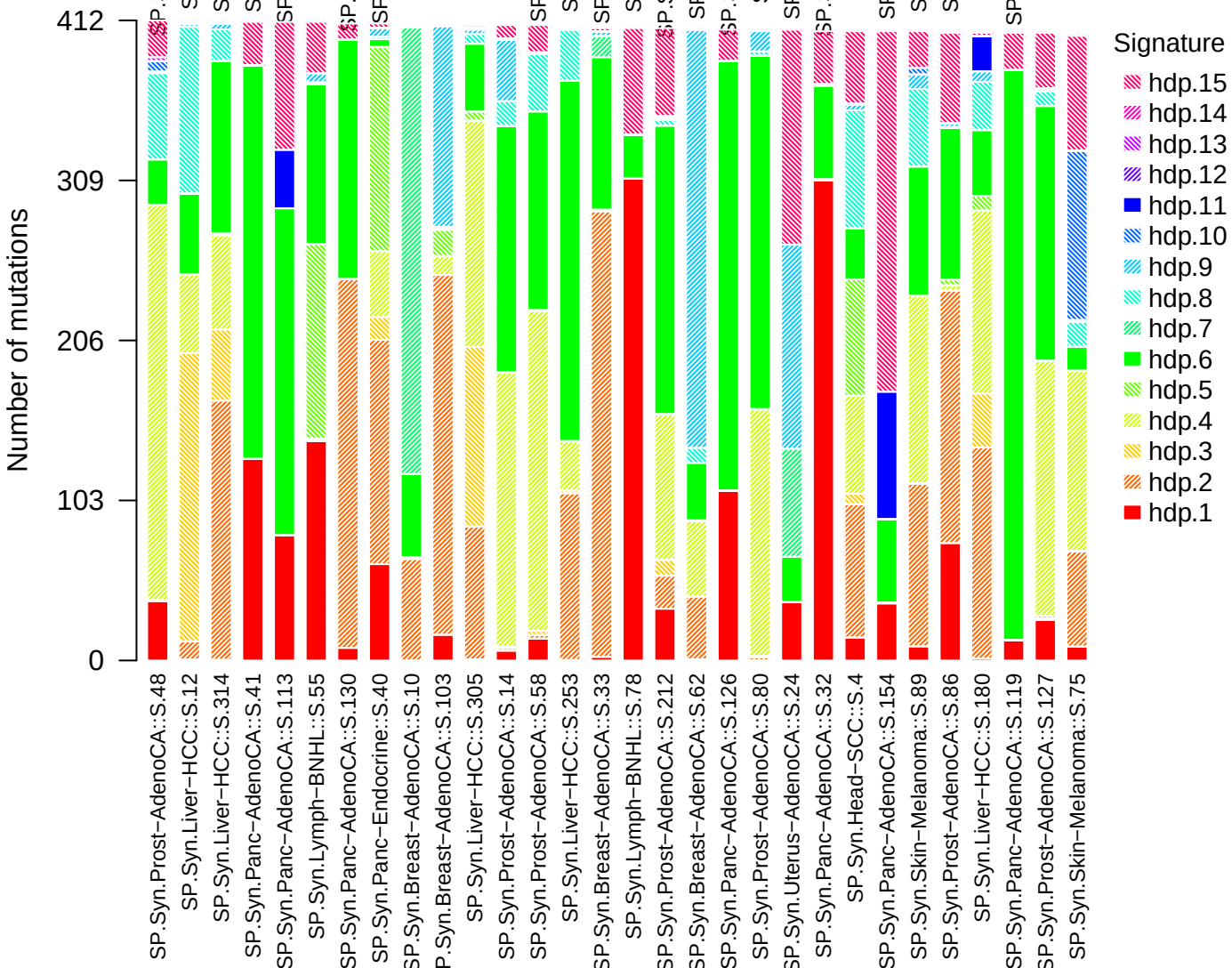
hdp.2
hdp.1


Number of mutations
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309
206
103
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SP.Syn.Liver−HCC::S.12
SP.Syn.Liver−HCC::S.314
SP.Syn.Panc−AdenoCA::S.41
SP.Syn.Panc−AdenoCA::S.113
SP.Syn.Lymph−BNHL::S.55
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
SP.Syn.Prost−AdenoCA::S.58
SP.Syn.Liver−HCC::S.253
SP.Syn.Breast−AdenoCA::S.33
SP.Syn.Lymph−BNHL::S.78
SP.Syn.Prost−AdenoCA::S.212
SP.Syn.Breast−AdenoCA::S.62
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.Prost−AdenoCA::S.86
SP.Syn.Liver−HCC::S.180
SP.Syn.Panc−AdenoCA::S.119
SP.Syn.Prost−AdenoCA::S.127
SP.Syn.Skin−Melanoma::S.75
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
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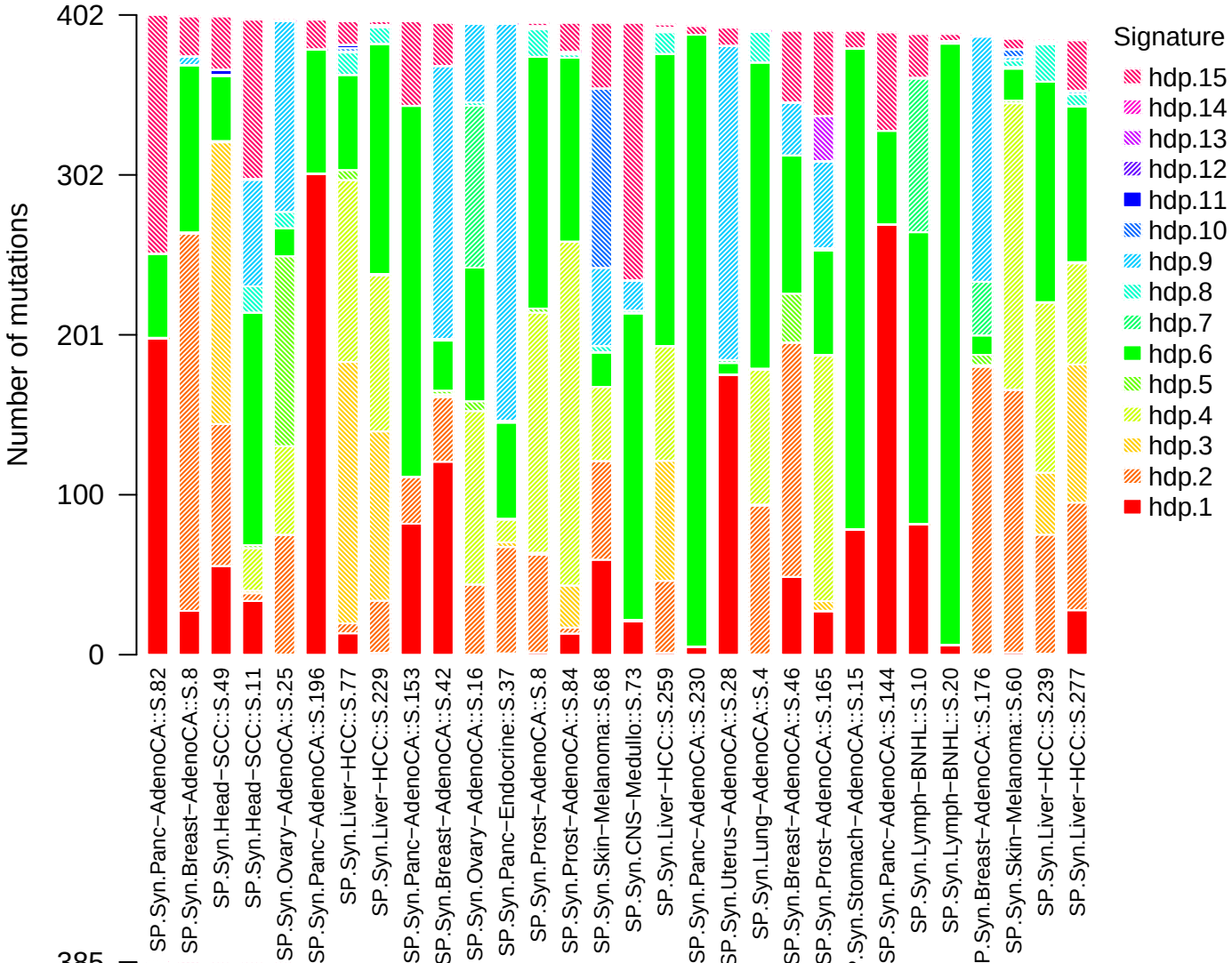
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1


Number of mutations
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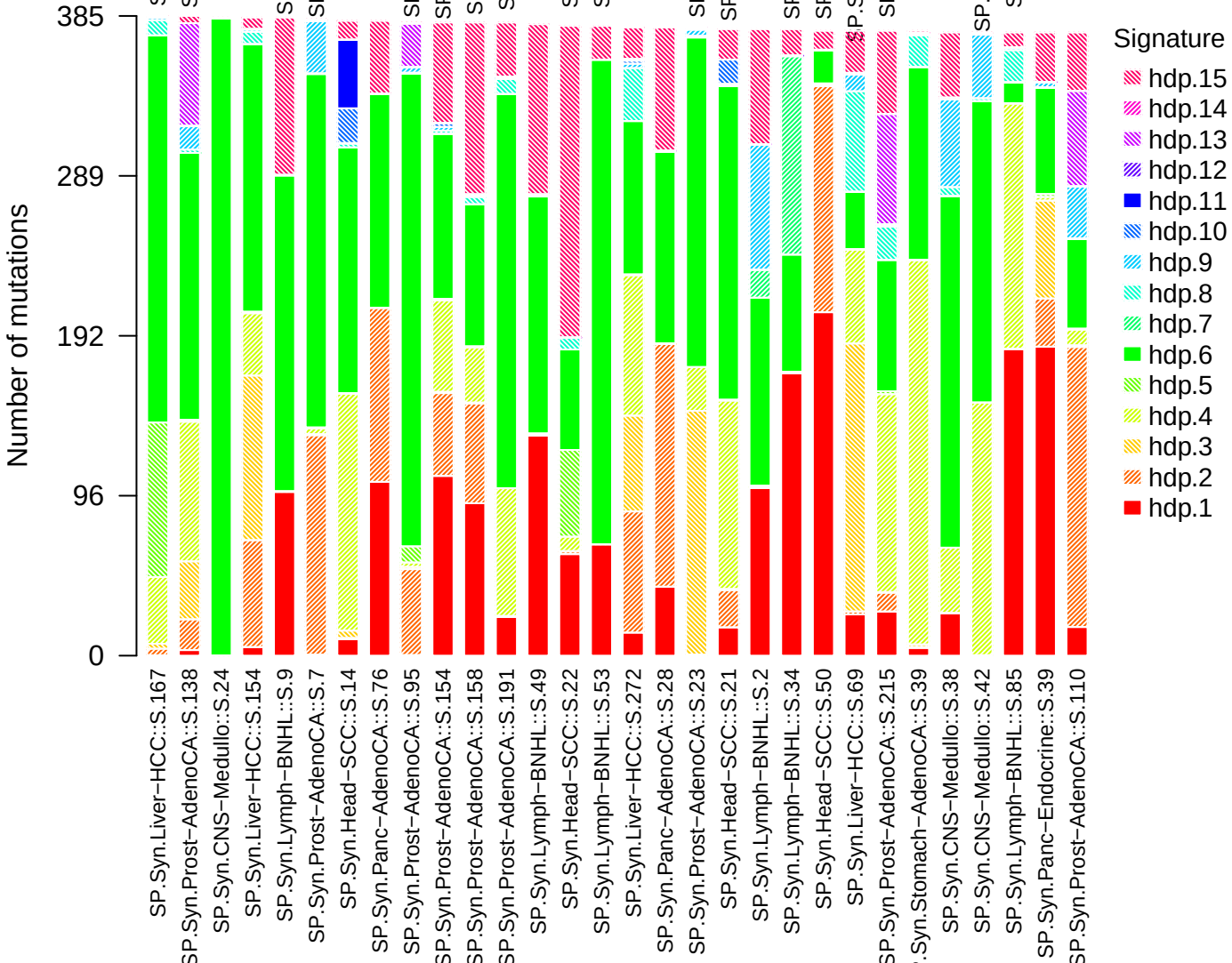
302
201
100
0
SP.Syn.Panc−AdenoCA::S.82
SP.Syn.Breast−AdenoCA::S.8
SP.Syn.Head−SCC::S.49
SP.Syn.Head−SCC::S.11
SP.Syn.Ovary−AdenoCA::S.25
SP.Syn.Panc−AdenoCA::S.196
SP.Syn.Liver−HCC::S.77
SP.Syn.Liver−HCC::S.229
SP.Syn.Panc−AdenoCA::S.153
SP.Syn.Breast−AdenoCA::S.42
SP.Syn.Ovary−AdenoCA::S.16
SP.Syn.Panc−Endocrine::S.37
SP.Syn.Prost−AdenoCA::S.8
SP.Syn.Prost−AdenoCA::S.84
SP.Syn.Skin−Melanoma::S.68
SP.Syn.CNS−Medullo::S.73
SP.Syn.Liver−HCC::S.259
SP.Syn.Panc−AdenoCA::S.230
SP.Syn.Uterus−AdenoCA::S.28
SP.Syn.Lung−AdenoCA::S.4
SP.Syn.Breast−AdenoCA::S.46
SP.Syn.Prost−AdenoCA::S.165
SP.Syn.Stomach−AdenoCA::S.15
SP.Syn.Panc−AdenoCA::S.144
SP.Syn.Lymph−BNHL::S.10
SP.Syn.Lymph−BNHL::S.20
SP.Syn.Breast−AdenoCA::S.176
SP.Syn.Skin−Melanoma::S.60
SP.Syn.Liver−HCC::S.239
SP.Syn.Liver−HCC::S.277
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
385
289
192
96
0
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SP.Syn.Prost−AdenoCA::S.138
SP.Syn.CNS−Medullo::S.24
SP.Syn.Liver−HCC::S.154
SP.Syn.Lymph−BNHL::S.9
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
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.Head−SCC::S.50
SP.Syn.Liver−HCC::S.69
SP.Syn.Prost−AdenoCA::S.215
SP.Syn.Stomach−AdenoCA::S.39
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
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
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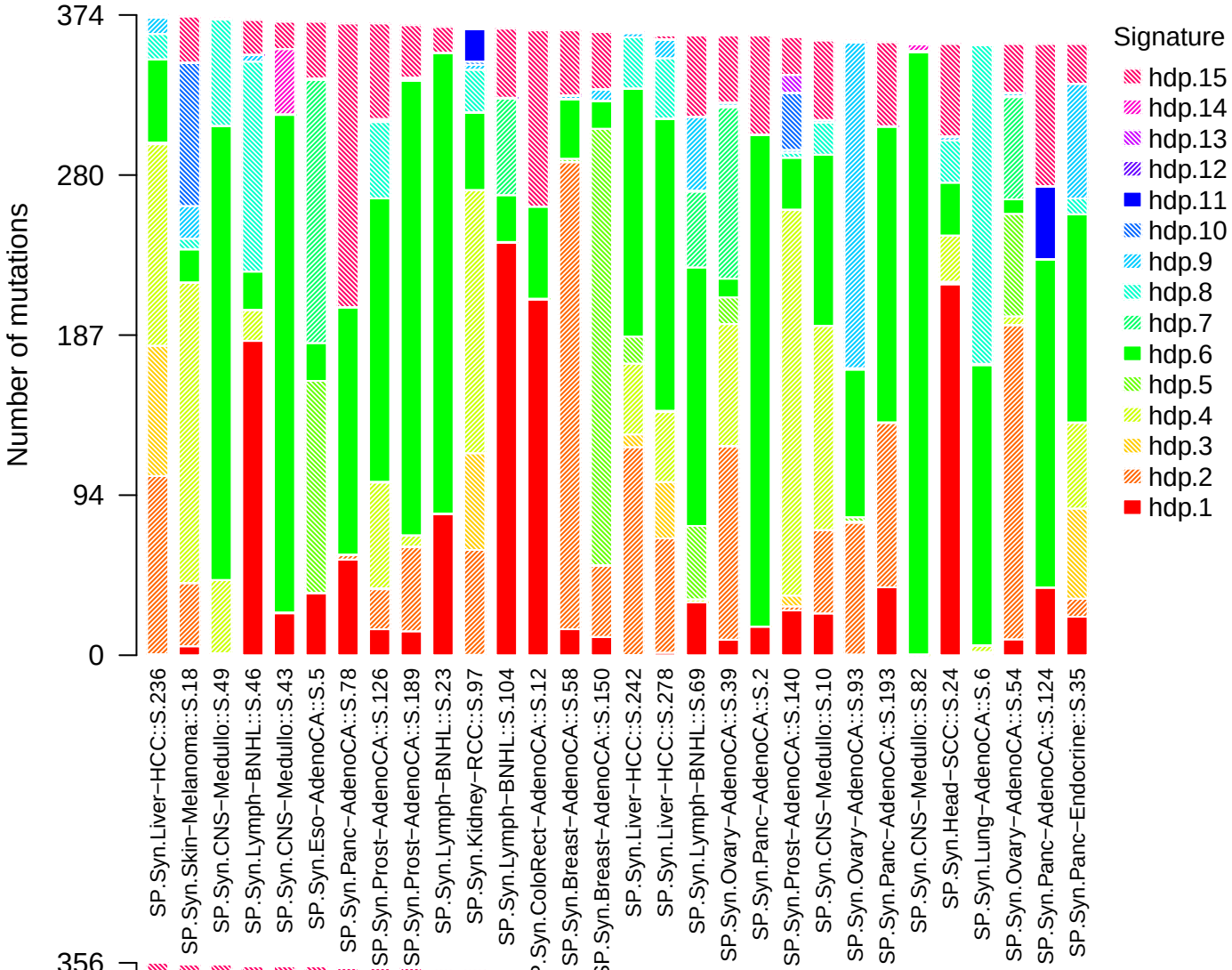
hdp.2
hdp.1


Number of mutations
374
280
187
94
0
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
SP.Syn.ColoRect−AdenoCA::S.12
SP.Syn.Breast−AdenoCA::S.58
SP.Syn.Breast−AdenoCA::S.150
SP.Syn.Liver−HCC::S.242
SP.Syn.Liver−HCC::S.278
SP.Syn.Lymph−BNHL::S.69
SP.Syn.Ovary−AdenoCA::S.39
SP.Syn.Panc−AdenoCA::S.2
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.CNS−Medullo::S.82
SP.Syn.Head−SCC::S.24
SP.Syn.Lung−AdenoCA::S.6
SP.Syn.Ovary−AdenoCA::S.54
SP.Syn.Panc−AdenoCA::S.124
SP.Syn.Panc−Endocrine::S.35
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
hdp.10
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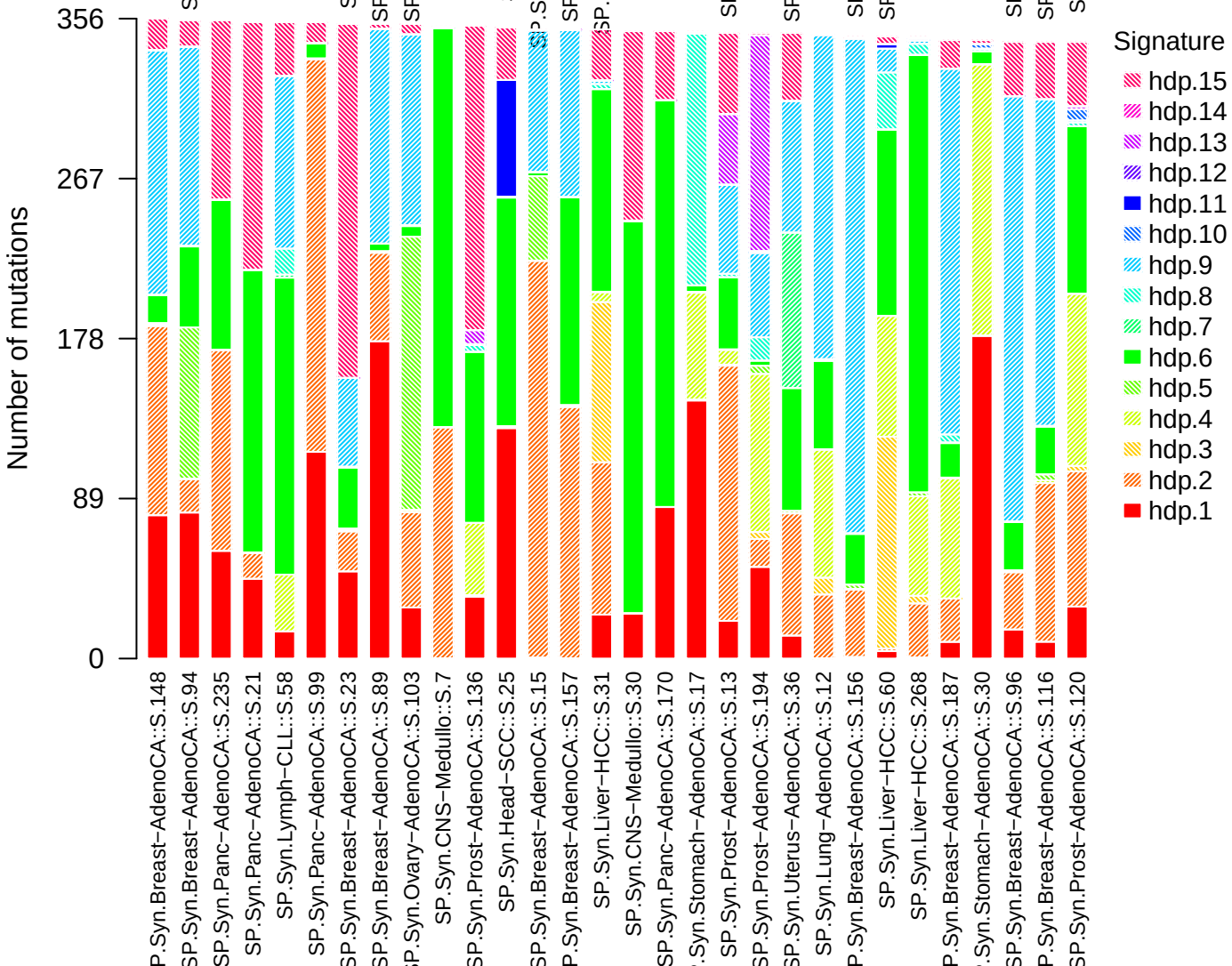
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1


Number of mutations
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267
178
89
0
SP.Syn.Breast−AdenoCA::S.148
SP.Syn.Breast−AdenoCA::S.94
SP.Syn.Panc−AdenoCA::S.235
SP.Syn.Panc−AdenoCA::S.21
SP.Syn.Lymph−CLL::S.58
SP.Syn.Panc−AdenoCA::S.99
SP.Syn.Breast−AdenoCA::S.23
SP.Syn.Breast−AdenoCA::S.89
SP.Syn.Ovary−AdenoCA::S.103
SP.Syn.CNS−Medullo::S.7
SP.Syn.Prost−AdenoCA::S.136
SP.Syn.Head−SCC::S.25
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.96
SP.Syn.Breast−AdenoCA::S.116
SP.Syn.Prost−AdenoCA::S.120
Signature
hdp.15
hdp.14
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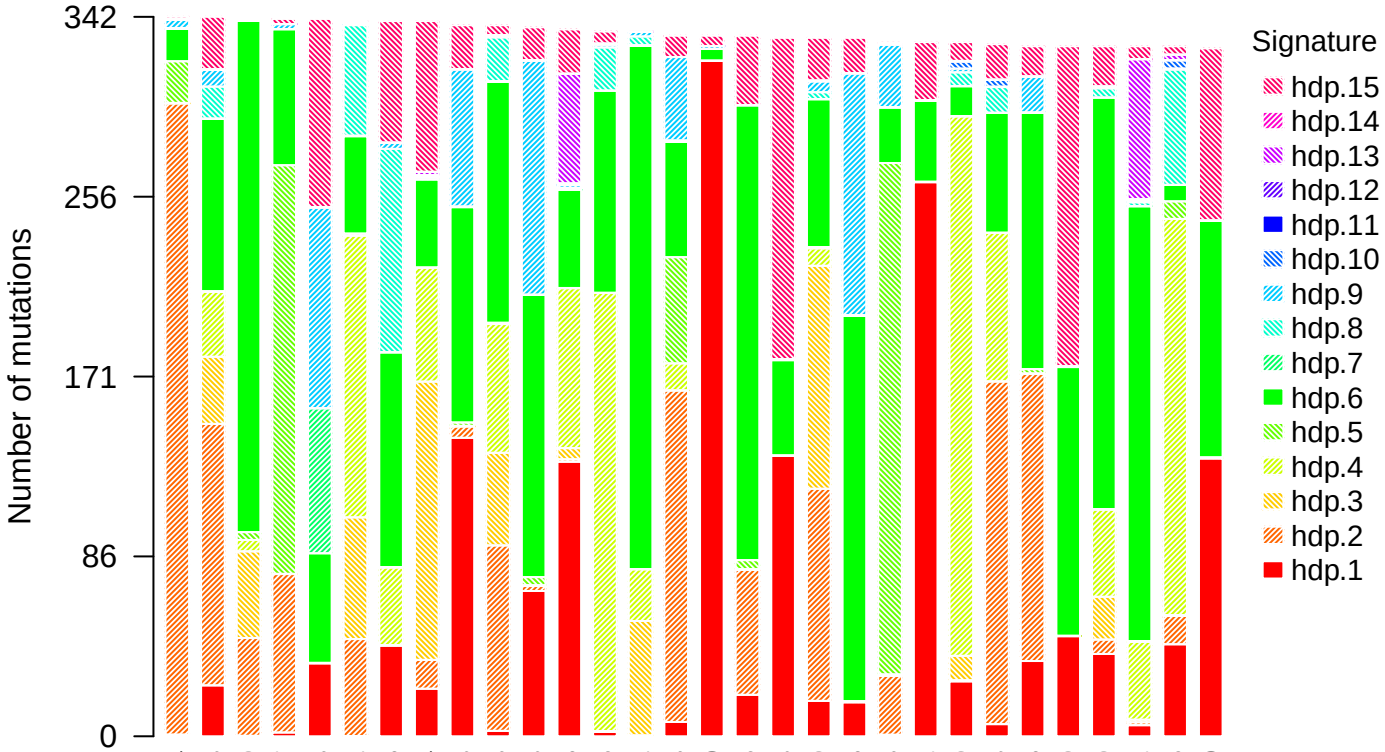
hdp.1


Number of mutations
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171
86
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SP.Syn.Biliary−AdenoCA::S.19
SP.Syn.Breast−AdenoCA::S.147
SP.Syn.Uterus−AdenoCA::S.38
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
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
Signature
hdp.15
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hdp.13
hdp.12
hdp.11
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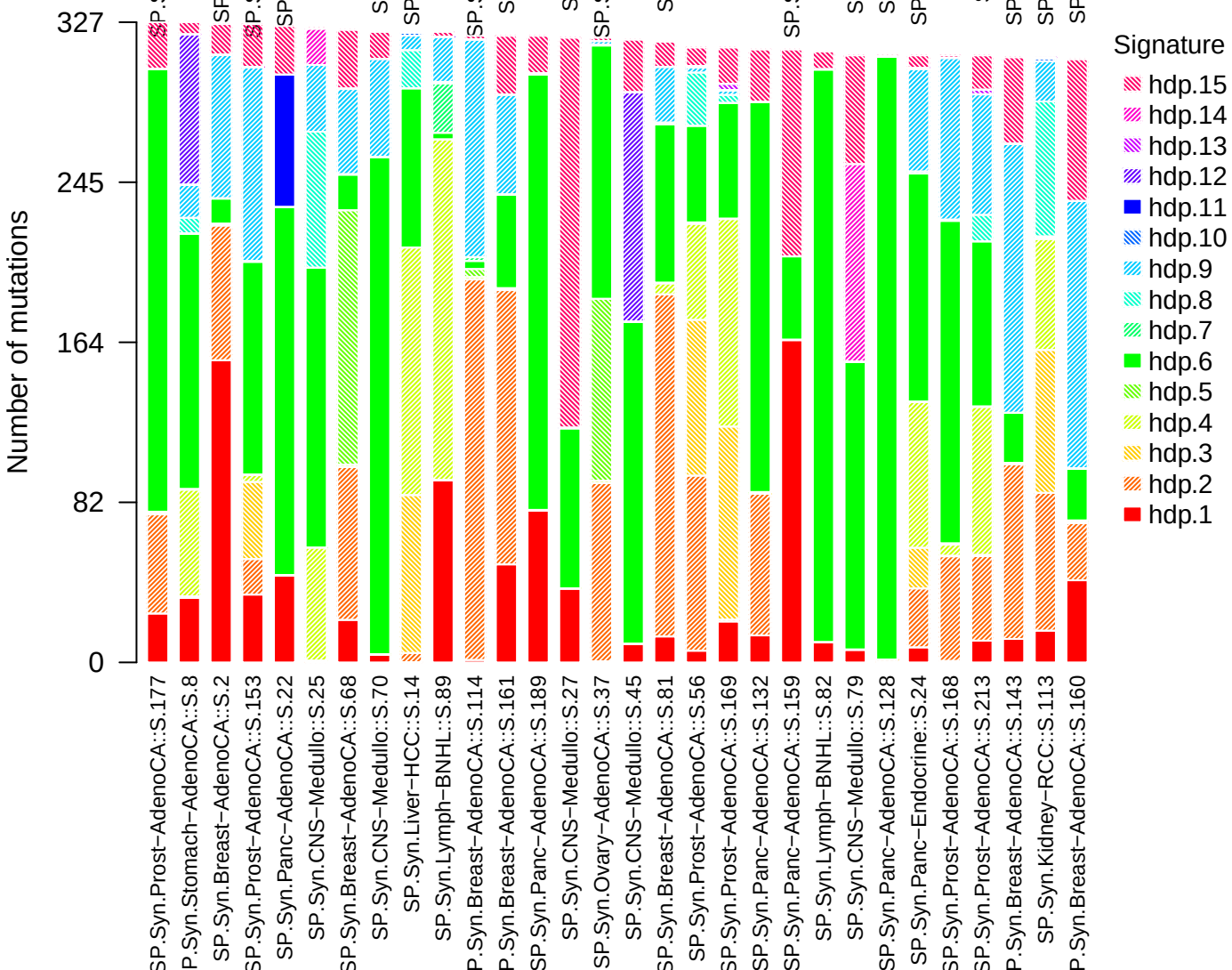
hdp.2
hdp.1


Number of mutations
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164
82
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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
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
Signature
hdp.15
hdp.14
hdp.13
hdp.12
hdp.11
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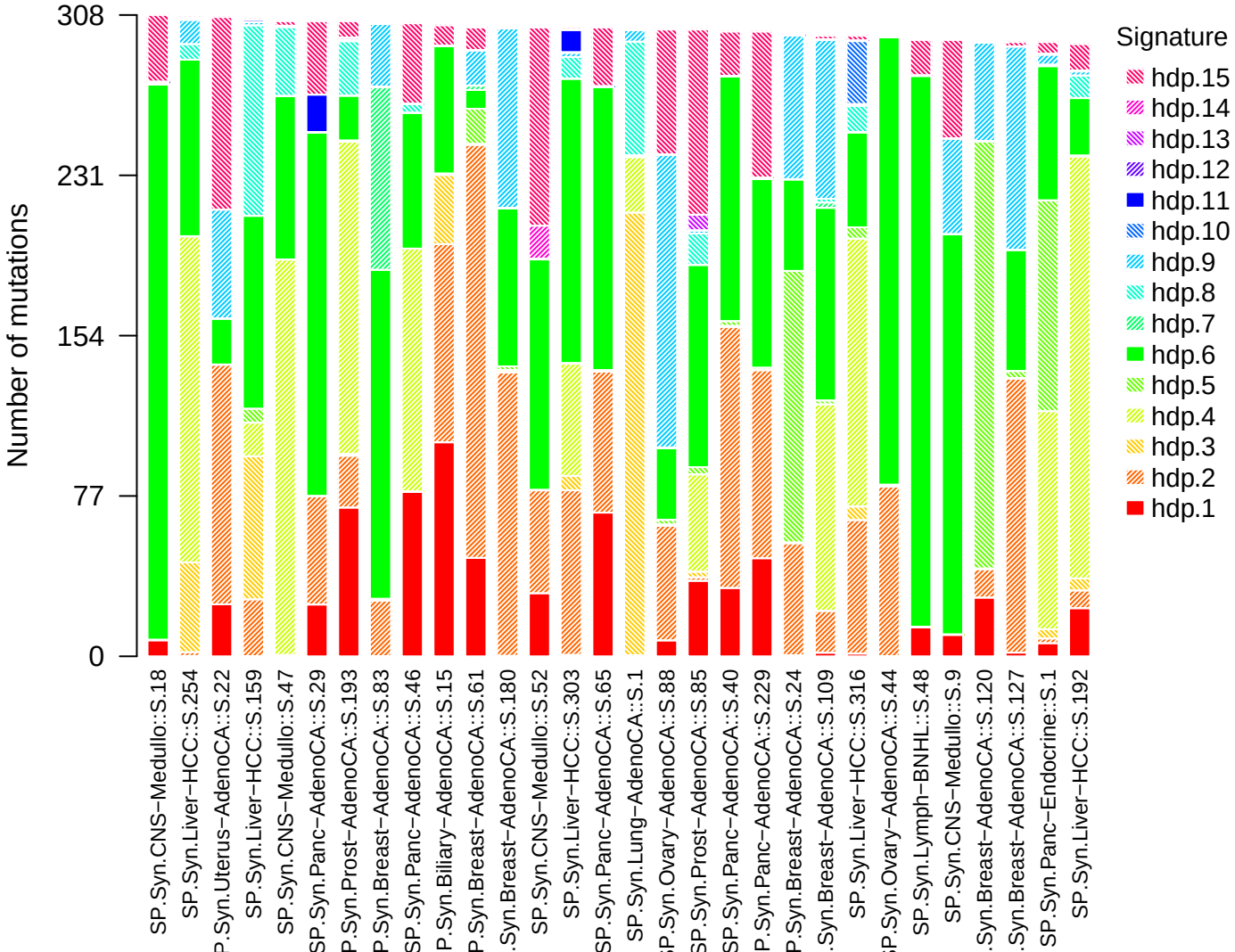
hdp.2
hdp.1


Number of mutations
308
231
154
77
0
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
SP.Syn.CNS−Medullo::S.52
SP.Syn.Liver−HCC::S.303
SP.Syn.Panc−AdenoCA::S.65
SP.Syn.Lung−AdenoCA::S.1
SP.Syn.Ovary−AdenoCA::S.88
SP.Syn.Prost−AdenoCA::S.85
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.Lymph−BNHL::S.48
SP.Syn.CNS−Medullo::S.9
SP.Syn.Breast−AdenoCA::S.120
SP.Syn.Breast−AdenoCA::S.127
SP.Syn.Panc−Endocrine::S.1
SP.Syn.Liver−HCC::S.192
Signature
hdp.15
hdp.14
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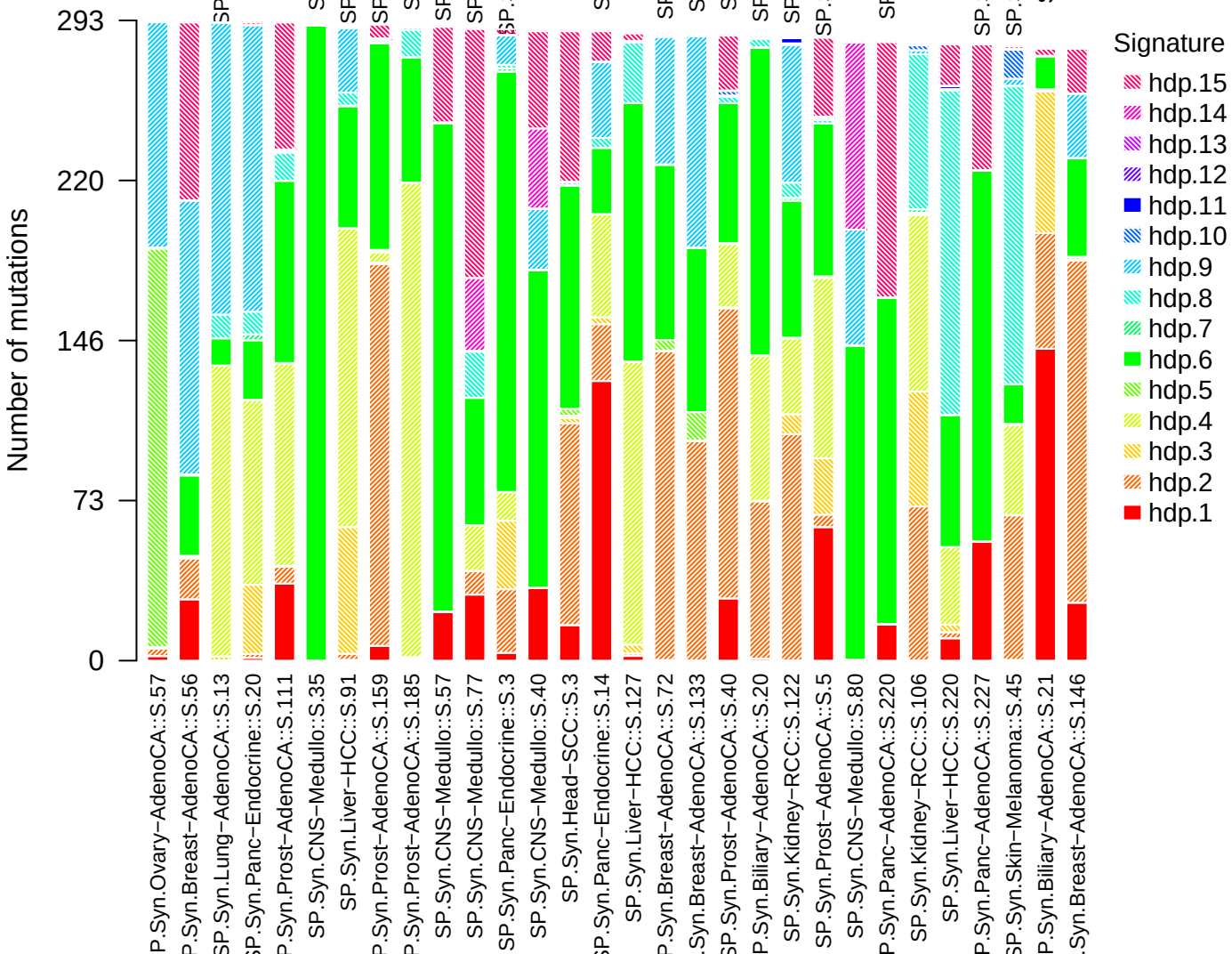
hdp.1


Number of mutations
293
220
146
73
0
SP.Syn.Ovary−AdenoCA::S.57
SP.Syn.Breast−AdenoCA::S.56
SP.Syn.Lung−AdenoCA::S.13
SP.Syn.Panc−Endocrine::S.20
SP.Syn.Prost−AdenoCA::S.111
SP.Syn.CNS−Medullo::S.35
SP.Syn.Liver−HCC::S.91
SP.Syn.Prost−AdenoCA::S.159
SP.Syn.Prost−AdenoCA::S.185
SP.Syn.CNS−Medullo::S.57
SP.Syn.CNS−Medullo::S.77
SP.Syn.Panc−Endocrine::S.3
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
Signature
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hdp.12
hdp.11
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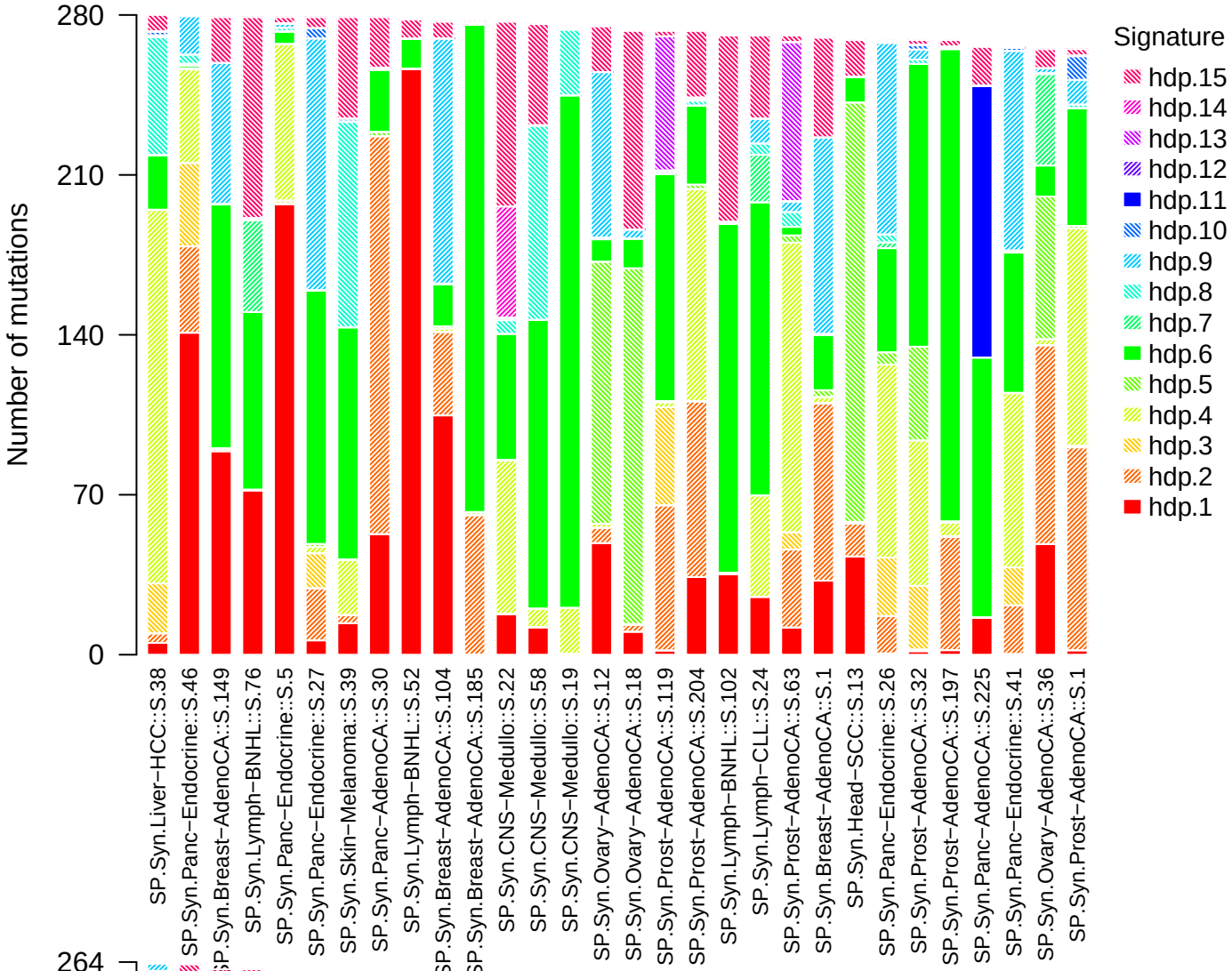
hdp.8
hdp.7
hdp.6
hdp.5
hdp.4
hdp.3
hdp.2
hdp.1


Number of mutations
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70
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SP.Syn.Breast−AdenoCA::S.149
SP.Syn.Lymph−BNHL::S.76
SP.Syn.Panc−Endocrine::S.5
SP.Syn.Panc−Endocrine::S.27
SP.Syn.Skin−Melanoma::S.39
SP.Syn.Panc−AdenoCA::S.30
SP.Syn.Lymph−BNHL::S.52
SP.Syn.Breast−AdenoCA::S.104
SP.Syn.Breast−AdenoCA::S.185
SP.Syn.CNS−Medullo::S.22
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
Signature
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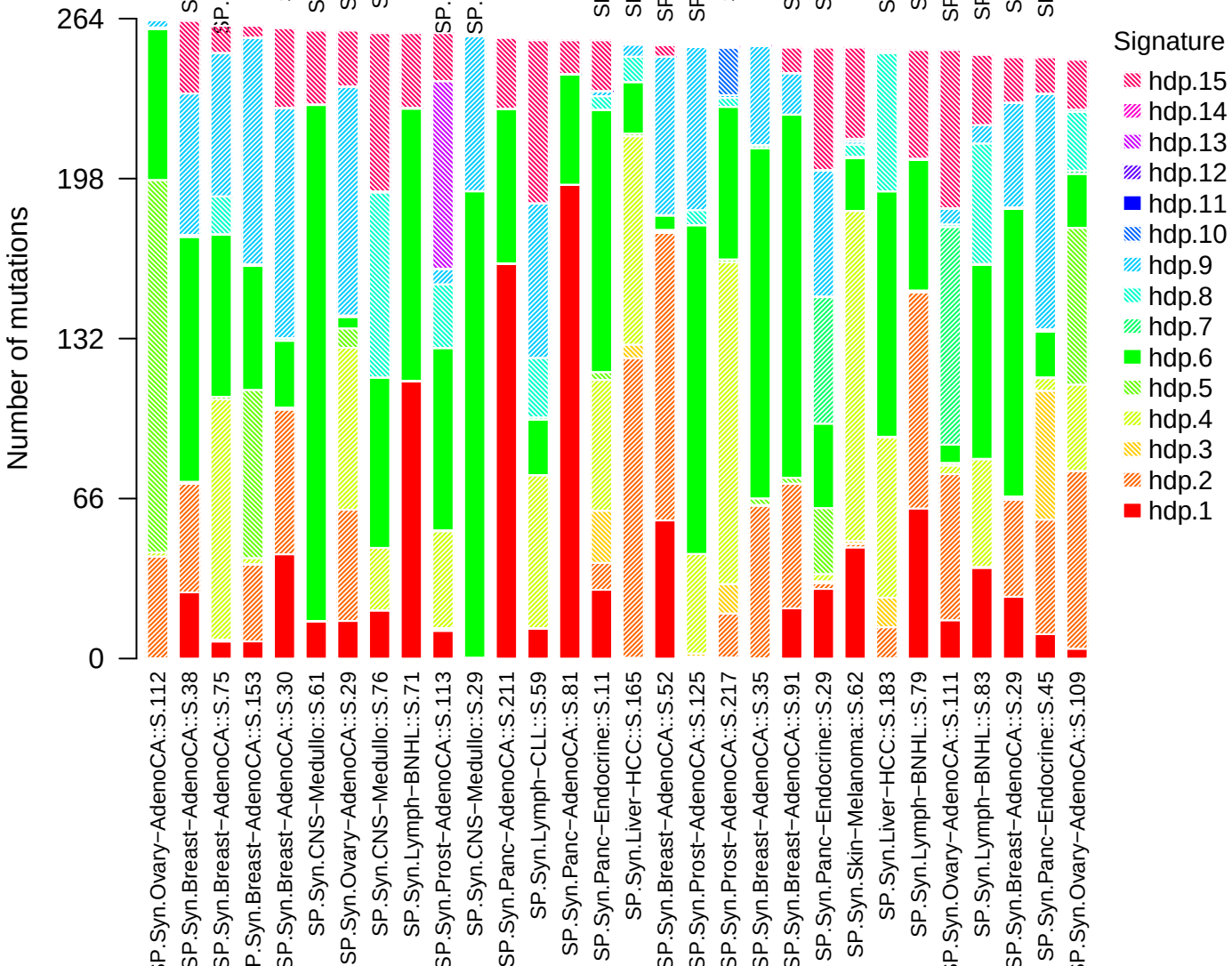
hdp.2
hdp.1


Number of mutations
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132
66
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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
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.52
SP.Syn.Prost−AdenoCA::S.125
SP.Syn.Prost−AdenoCA::S.217
SP.Syn.Breast−AdenoCA::S.35
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.Lymph−BNHL::S.79
SP.Syn.Ovary−AdenoCA::S.111
SP.Syn.Lymph−BNHL::S.83
SP.Syn.Breast−AdenoCA::S.29
SP.Syn.Panc−Endocrine::S.45
SP.Syn.Ovary−AdenoCA::S.109
Signature
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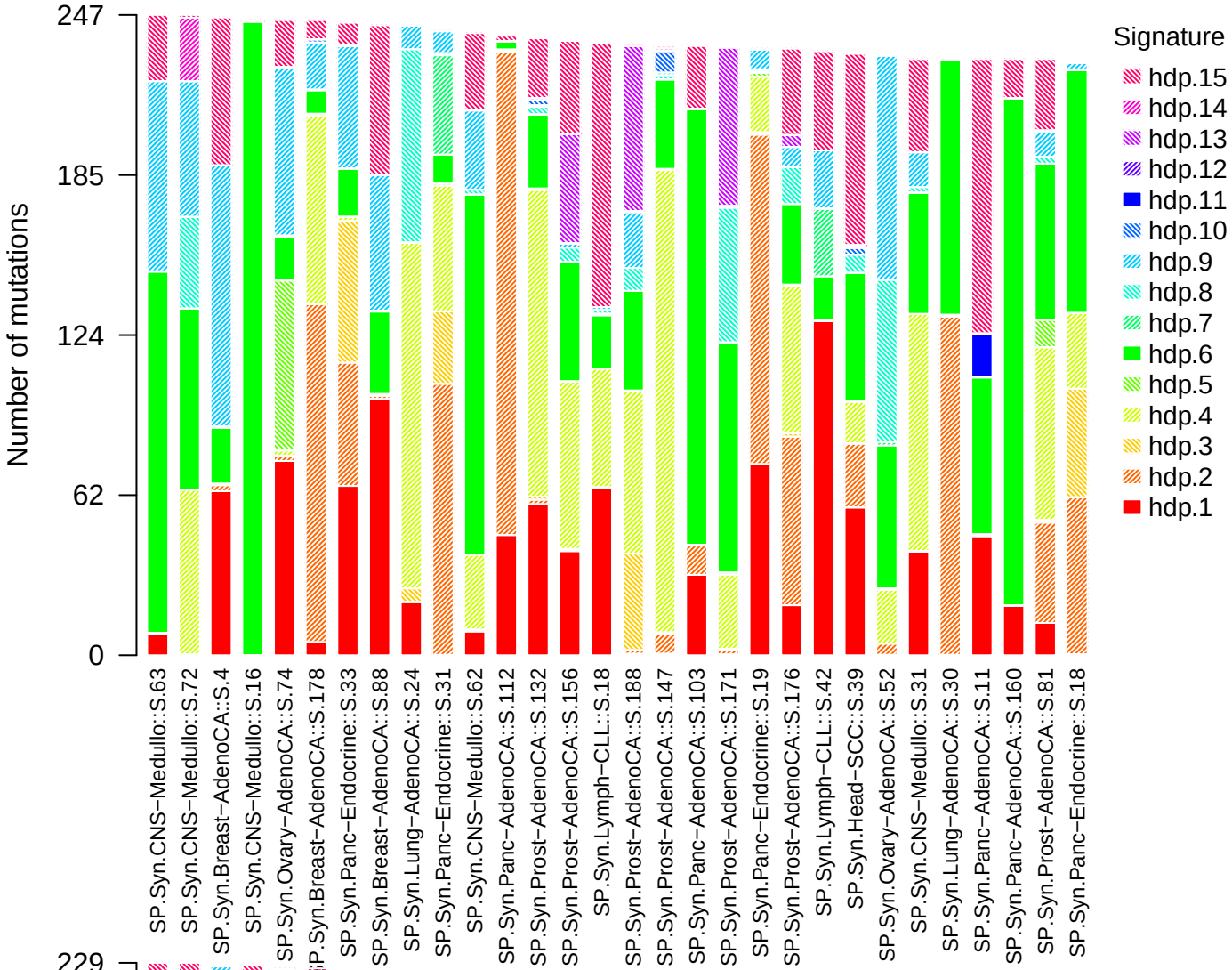
hdp.1


Number of mutations
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185
124
62
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SP.Syn.Breast−AdenoCA::S.178
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
SP.Syn.Prost−AdenoCA::S.132
SP.Syn.Prost−AdenoCA::S.156
SP.Syn.Lymph−CLL::S.18
SP.Syn.Prost−AdenoCA::S.188
SP.Syn.Prost−AdenoCA::S.147
SP.Syn.Panc−AdenoCA::S.103
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.11
SP.Syn.Panc−AdenoCA::S.160
SP.Syn.Prost−AdenoCA::S.81
SP.Syn.Panc−Endocrine::S.18
Signature
hdp.15
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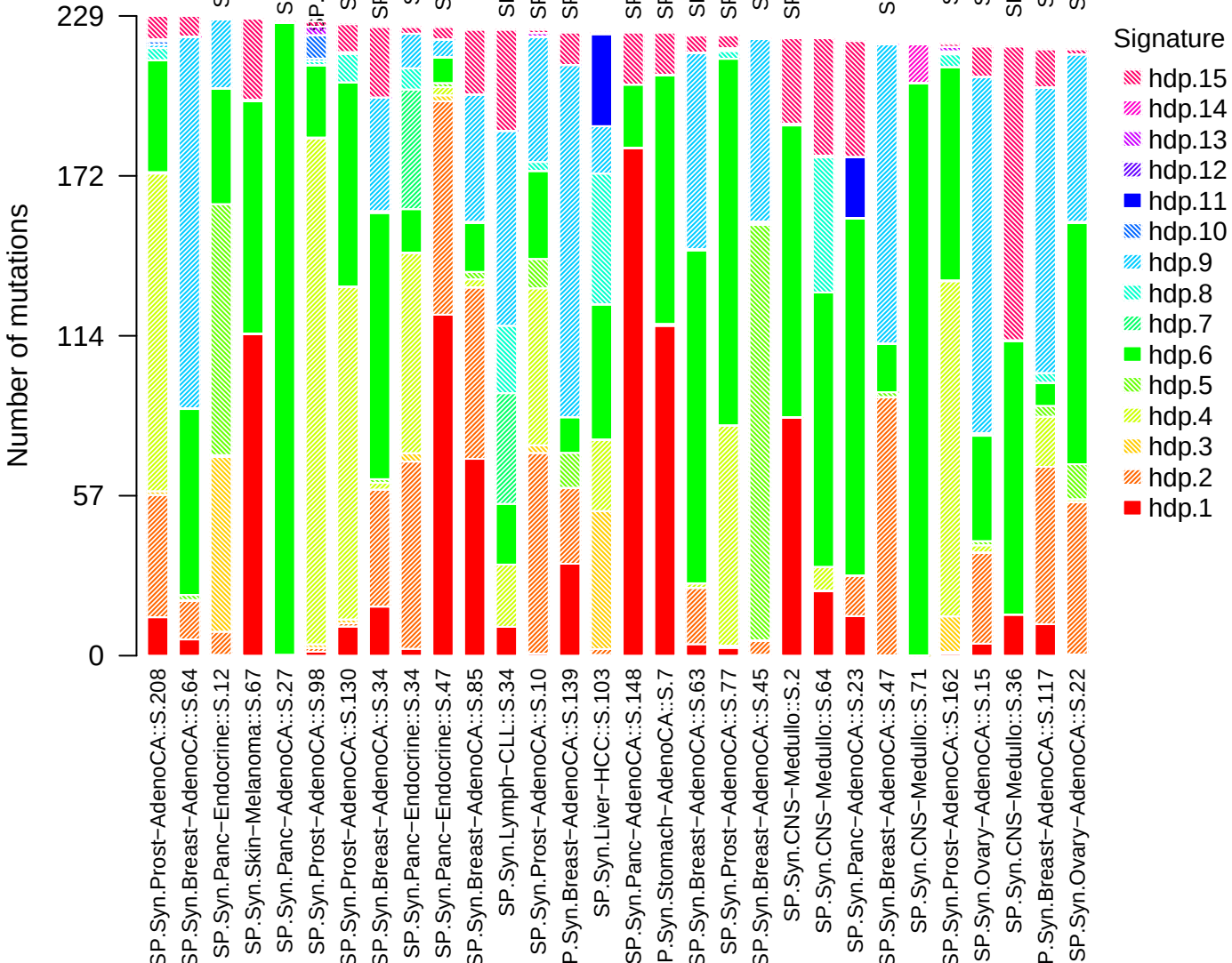
hdp.2
hdp.1


Number of mutations
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114
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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.34
SP.Syn.Panc−Endocrine::S.47
SP.Syn.Breast−AdenoCA::S.85
SP.Syn.Lymph−CLL::S.34
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.Ovary−AdenoCA::S.15
SP.Syn.CNS−Medullo::S.36
SP.Syn.Breast−AdenoCA::S.117
SP.Syn.Ovary−AdenoCA::S.22
Signature
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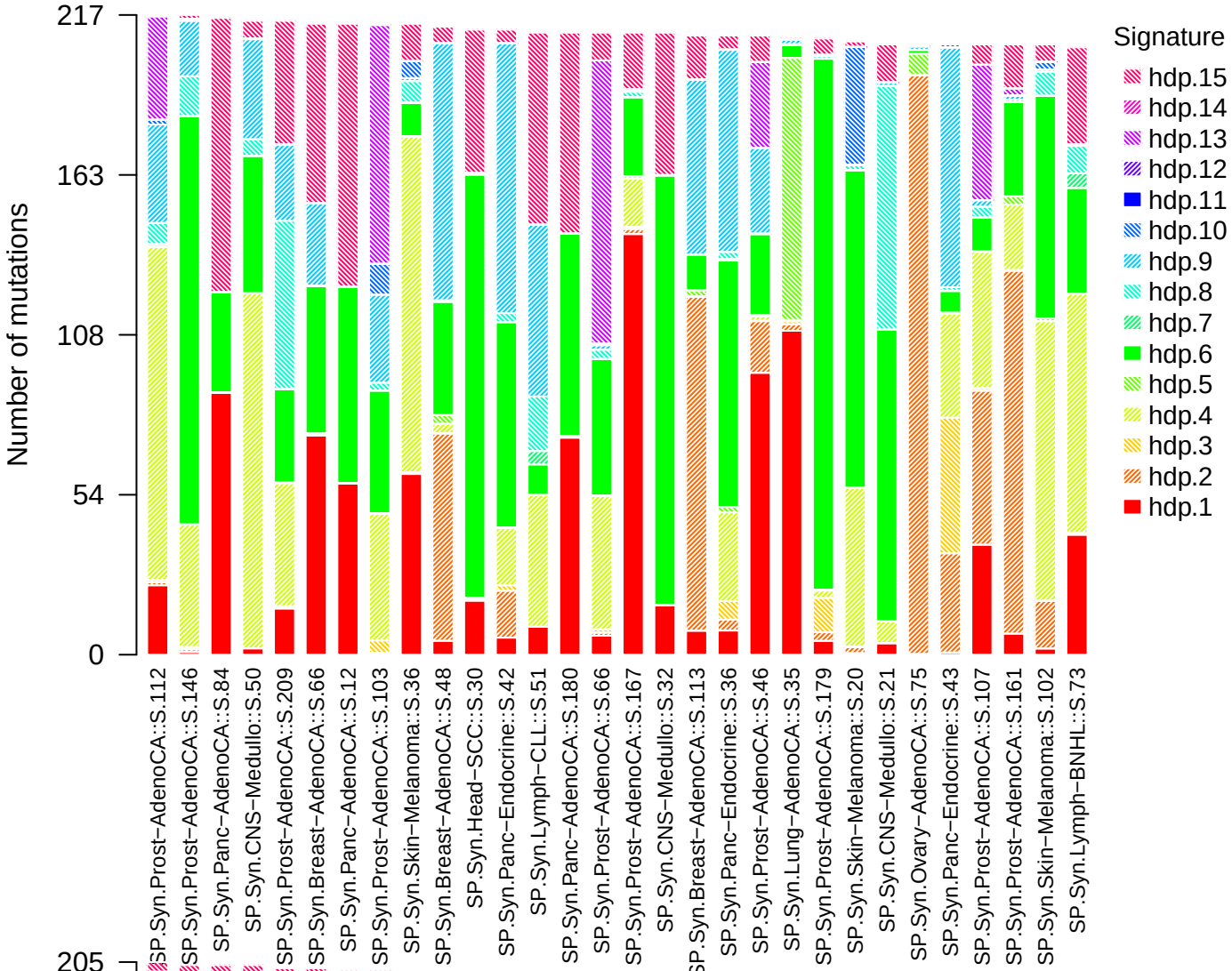
hdp.2
hdp.1


Number of mutations
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163
108
54
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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
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.CNS−Medullo::S.32
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
Signature
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hdp.12
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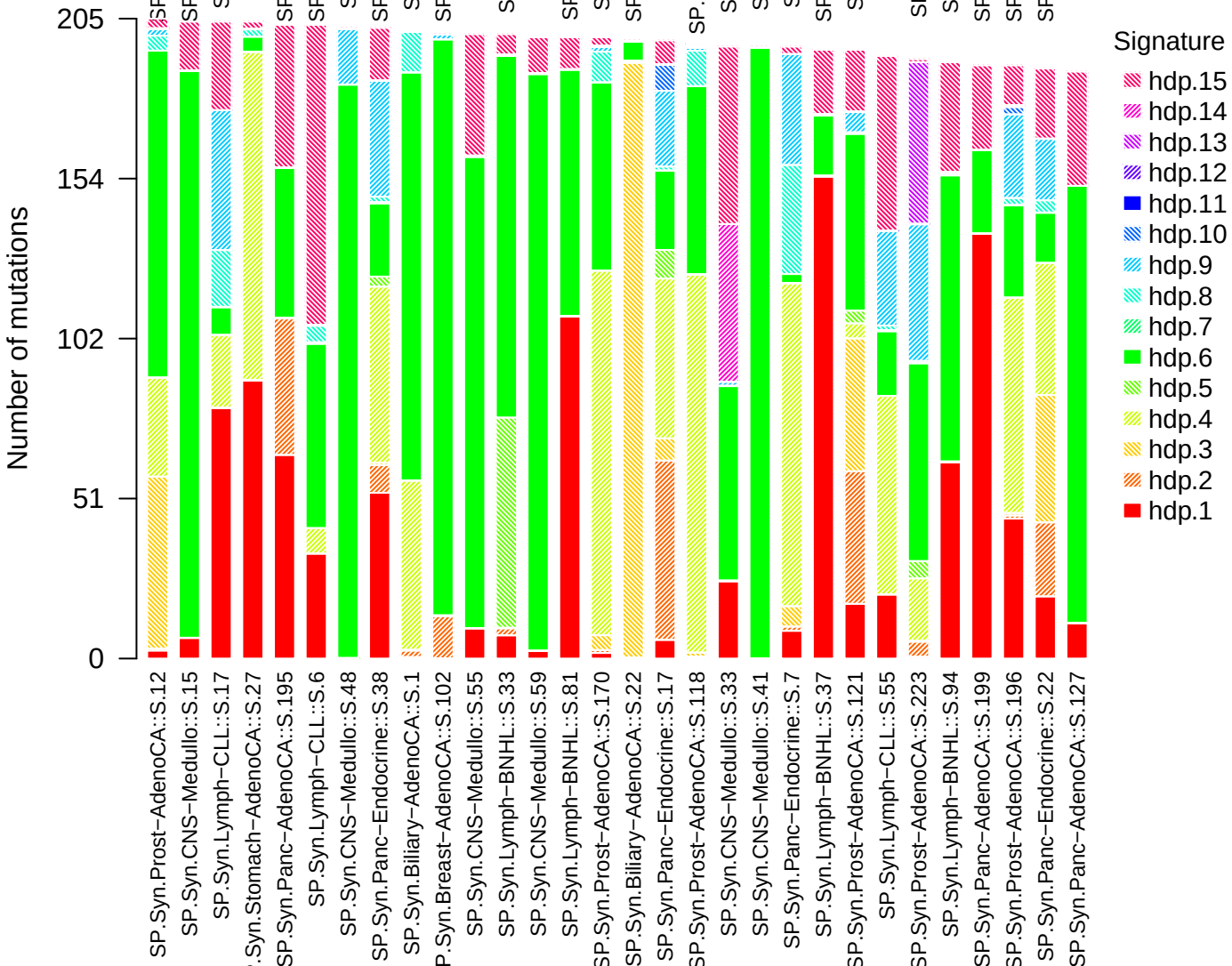
hdp.1


Number of mutations
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102
51
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.Syn.Stomach−AdenoCA::S.27
SP.Syn.Panc−AdenoCA::S.195
SP.Syn.Lymph−CLL::S.6
SP.Syn.CNS−Medullo::S.48
SP.Syn.Panc−Endocrine::S.38
SP.Syn.Biliary−AdenoCA::S.1
P.Syn.Breast−AdenoCA::S.102
SP.Syn.CNS−Medullo::S.55
SP.Syn.Lymph−BNHL::S.33
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
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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.Panc−AdenoCA::S.127
Signature
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hdp.12
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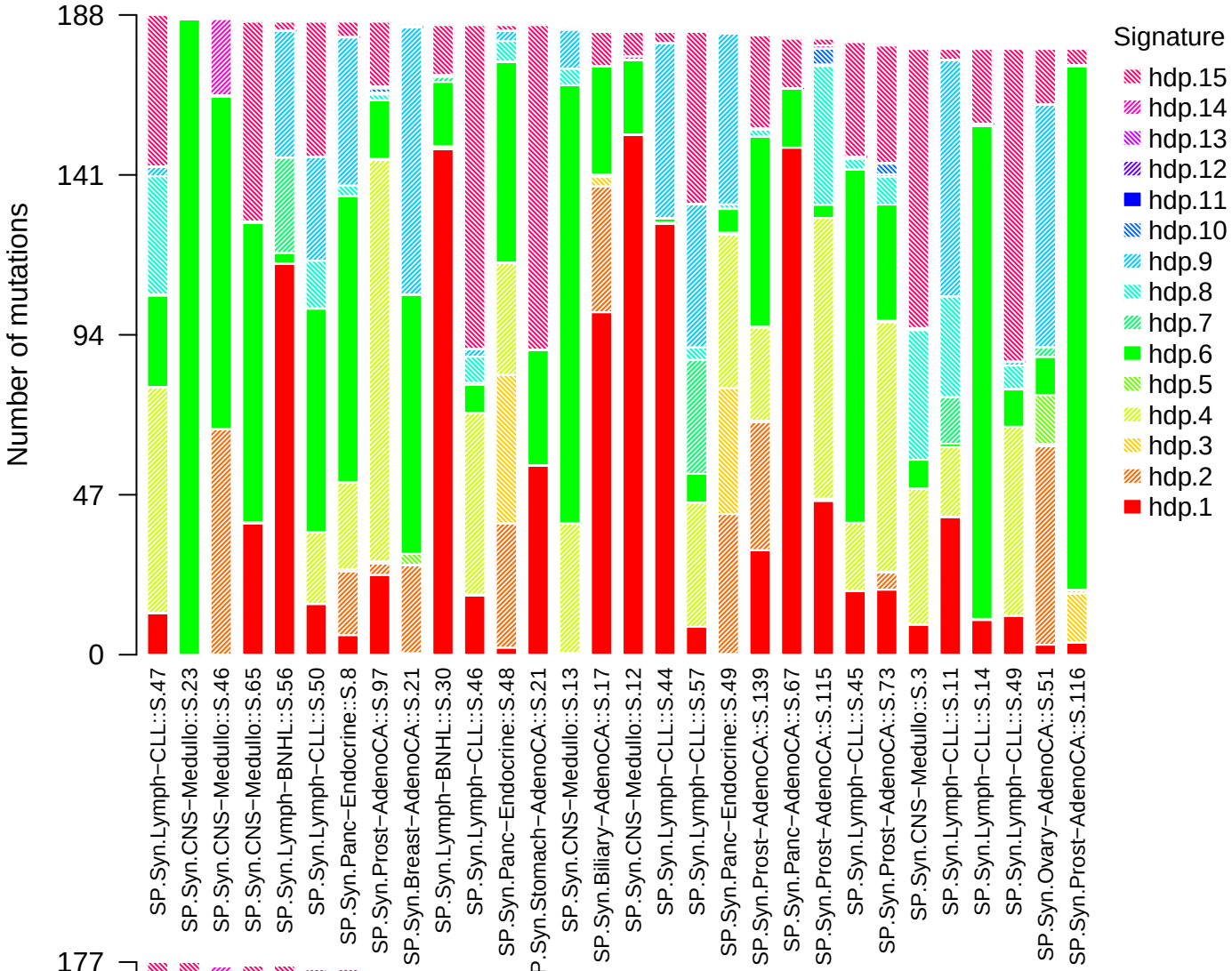
hdp.2
hdp.1


Number of mutations
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94
47
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SP.Syn.Lymph−BNHL::S.56
SP.Syn.Lymph−CLL::S.50
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
SP.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
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SP.Syn.Prost−AdenoCA::S.115
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SP.Syn.Prost−AdenoCA::S.73
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SP.Syn.Lymph−CLL::S.11
SP.Syn.Lymph−CLL::S.14
SP.Syn.Lymph−CLL::S.49
SP.Syn.Ovary−AdenoCA::S.51
SP.Syn.Prost−AdenoCA::S.116
Signature
hdp.15
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hdp.12
hdp.11
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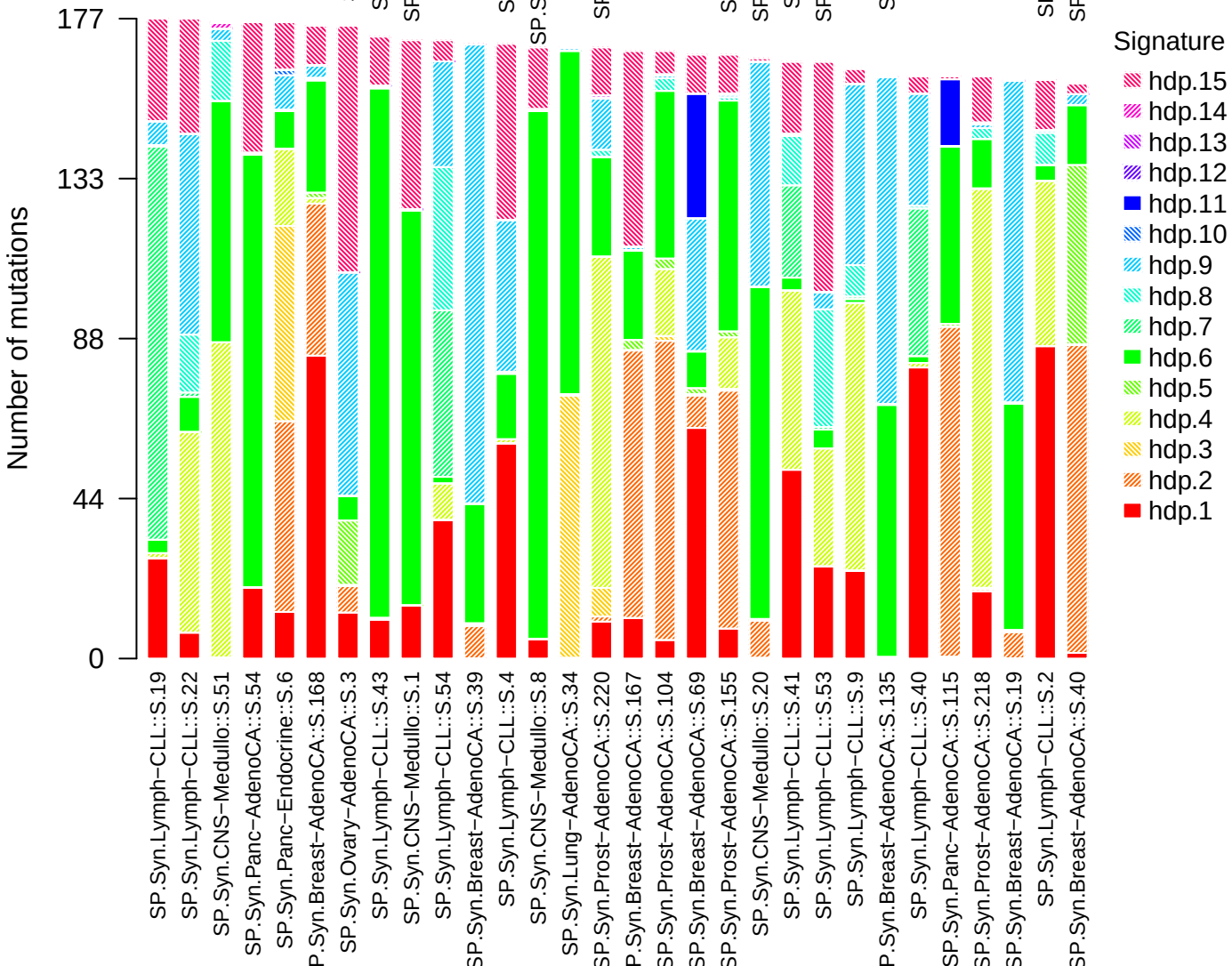
Number of mutations
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88
44
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SP.Syn.Ovary−AdenoCA::S.3
SP.Syn.Lymph−CLL::S.43
SP.Syn.CNS−Medullo::S.1
SP.Syn.Lymph−CLL::S.54
SP.Syn.Breast−AdenoCA::S.39
SP.Syn.Lymph−CLL::S.4
SP.Syn.CNS−Medullo::S.8
SP.Syn.Lung−AdenoCA::S.34
SP.Syn.Prost−AdenoCA::S.220
SP.Syn.Breast−AdenoCA::S.167
SP.Syn.Prost−AdenoCA::S.104
SP.Syn.Breast−AdenoCA::S.69
SP.Syn.Prost−AdenoCA::S.155
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SP.Syn.Lymph−CLL::S.9
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SP.Syn.Lymph−CLL::S.40
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SP.Syn.Breast−AdenoCA::S.19
SP.Syn.Lymph−CLL::S.2
SP.Syn.Breast−AdenoCA::S.40
Signature
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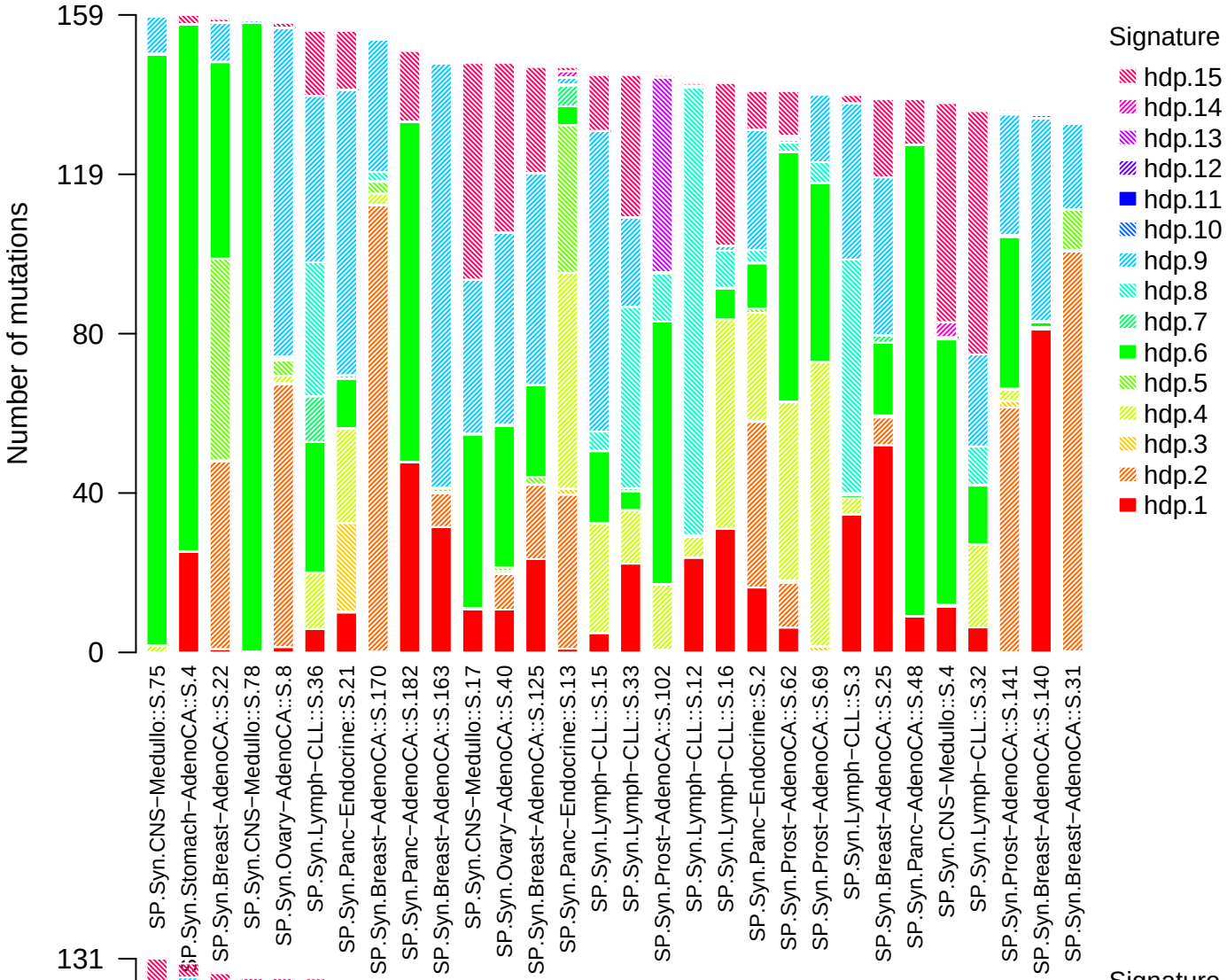
Number of mutations
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Signature
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hdp.4
hdp.3
hdp.2
hdp.1
SP.Syn.CNS−Medullo::S.75
SP.Syn.Stomach−AdenoCA::S.4
SP.Syn.Breast−AdenoCA::S.22
SP.Syn.CNS−Medullo::S.78
SP.Syn.Ovary−AdenoCA::S.8
SP.Syn.Lymph−CLL::S.36
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
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
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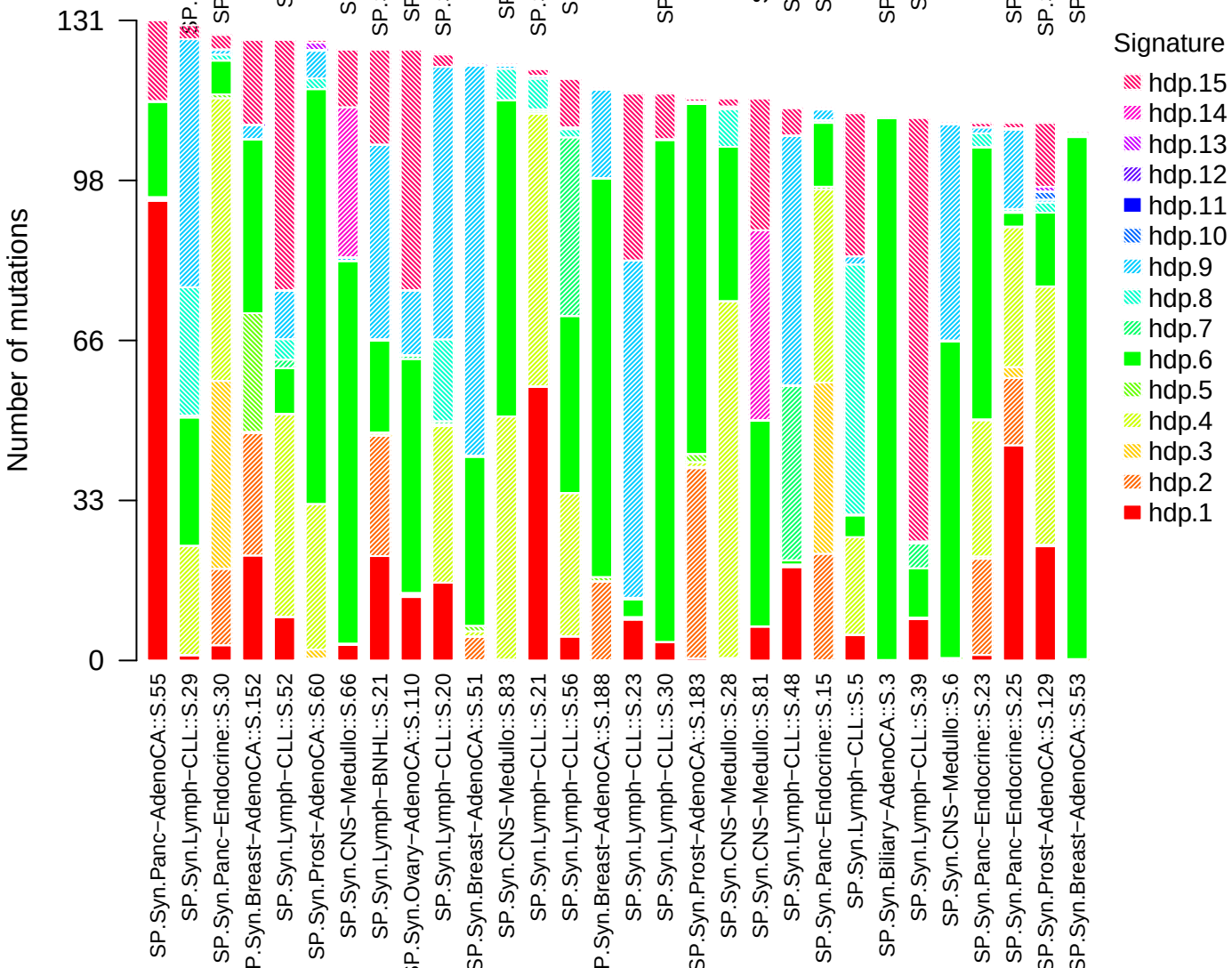
Number of mutations
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33
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Signature
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hdp.3
hdp.2
hdp.1
SP.Syn.Panc−AdenoCA::S.55
SP.Syn.Lymph−CLL::S.29
SP.Syn.Panc−Endocrine::S.30
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SP.Syn.Lymph−CLL::S.52
SP.Syn.Prost−AdenoCA::S.60
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
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.Prost−AdenoCA::S.183
SP.Syn.CNS−Medullo::S.28
SP.Syn.CNS−Medullo::S.81
SP.Syn.Lymph−CLL::S.48
SP.Syn.Panc−Endocrine::S.15
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
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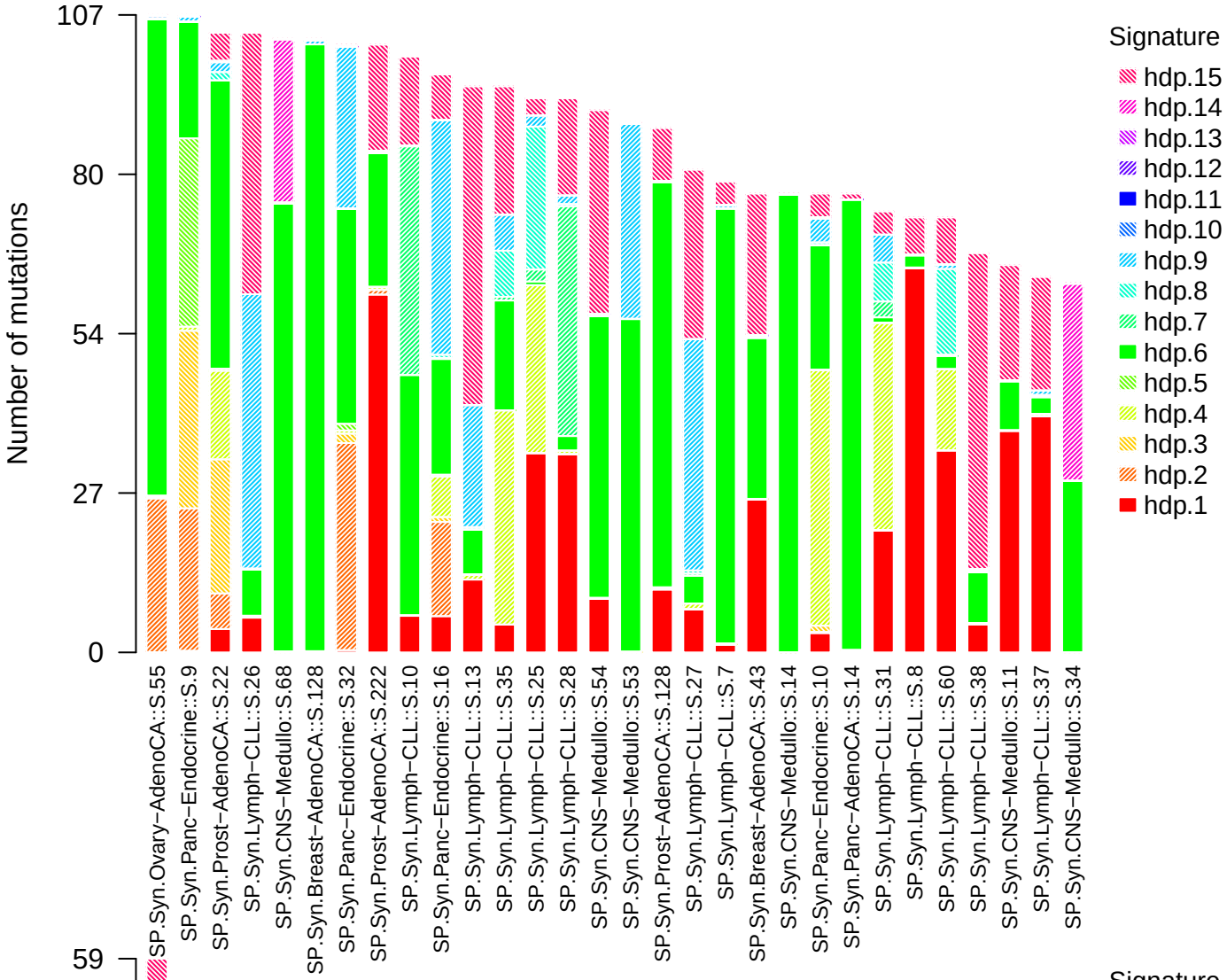
SP.Syn.Prost−AdenoCA::S.129
SP.Syn.Breast−AdenoCA::S.53


Number of mutations
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27
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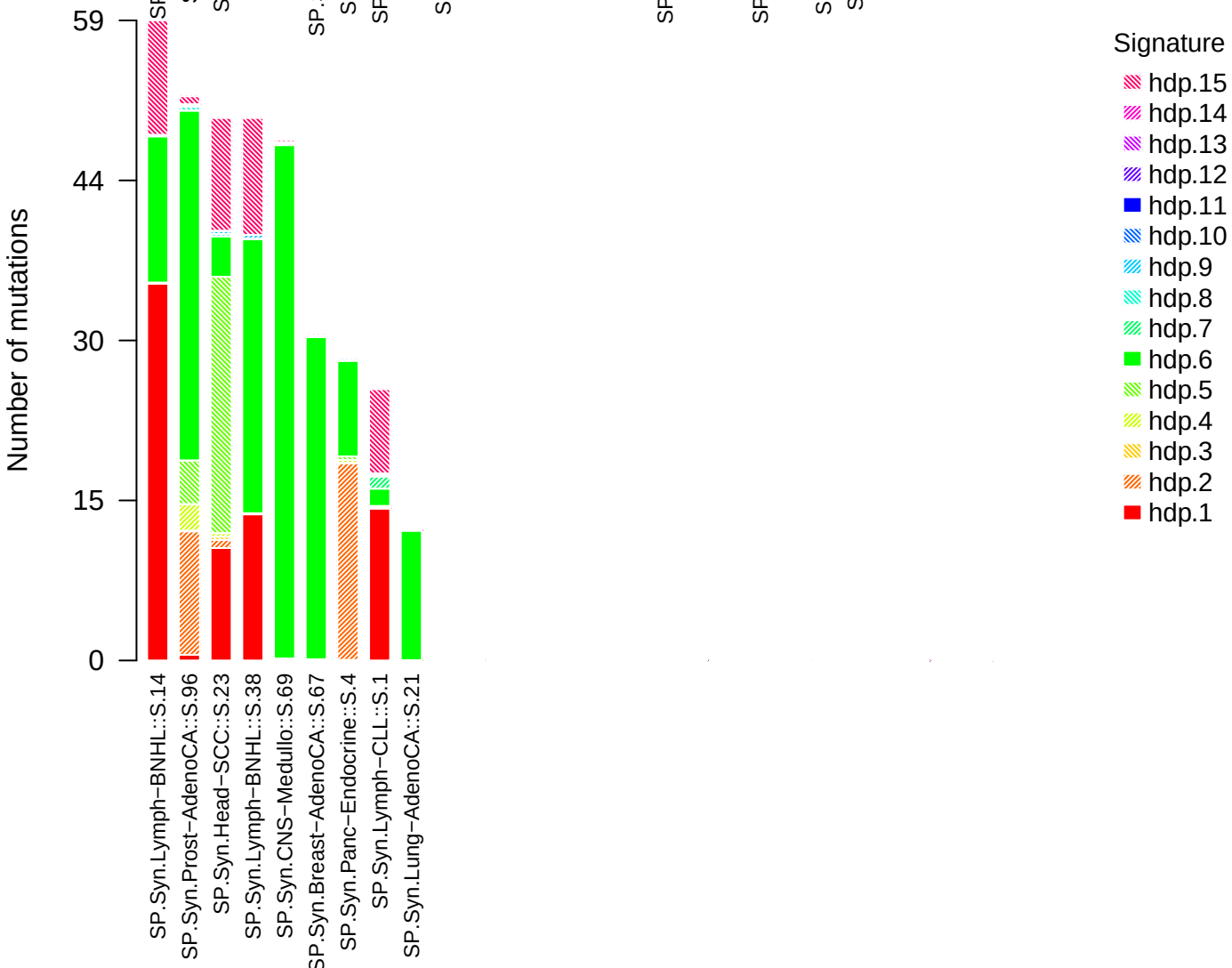
SP.Syn.Lymph−CLL::S.26
SP.Syn.CNS−Medullo::S.68
SP.Syn.Breast−AdenoCA::S.128
SP.Syn.Panc−Endocrine::S.32
SP.Syn.Prost−AdenoCA::S.222
SP.Syn.Lymph−CLL::S.10
SP.Syn.Panc−Endocrine::S.16
SP.Syn.Lymph−CLL::S.13
SP.Syn.Lymph−CLL::S.35
SP.Syn.Lymph−CLL::S.25
SP.Syn.Lymph−CLL::S.28
SP.Syn.CNS−Medullo::S.54
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.Breast−AdenoCA::S.43
SP.Syn.CNS−Medullo::S.14
SP.Syn.Panc−Endocrine::S.10
SP.Syn.Panc−AdenoCA::S.14
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
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
59
44
30
15
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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
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hdp.3
hdp.2
hdp.1