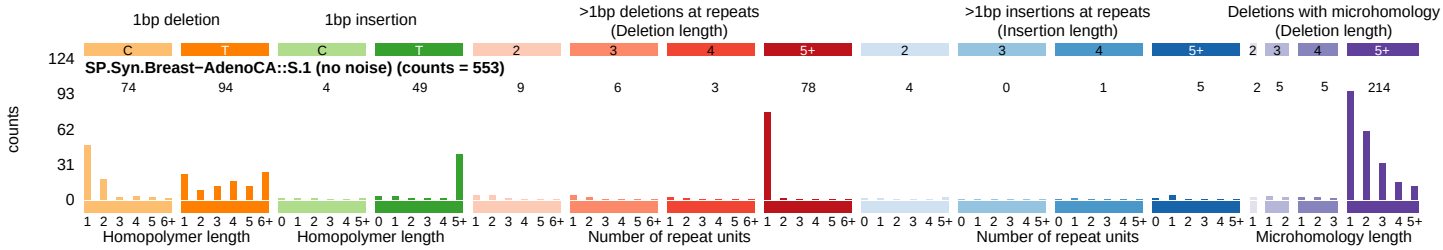
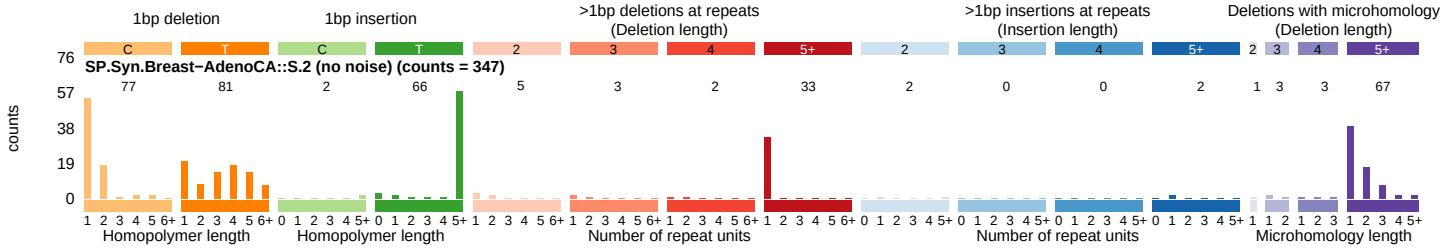
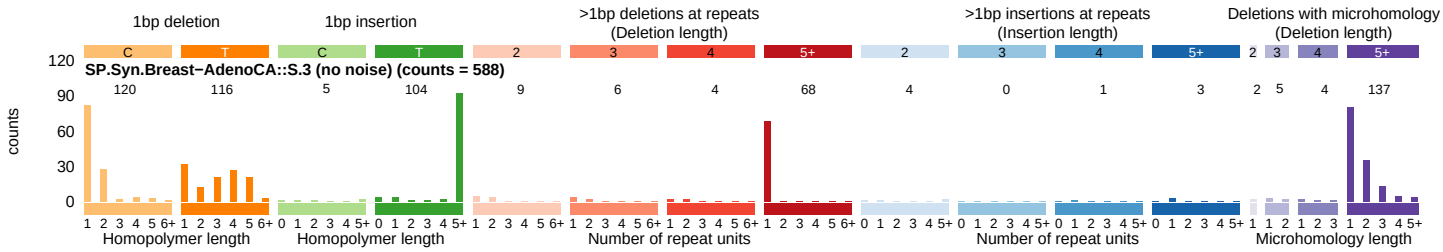
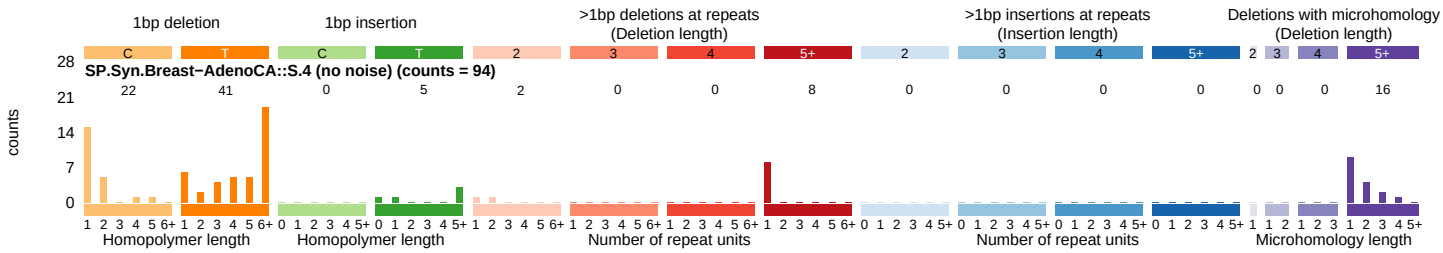
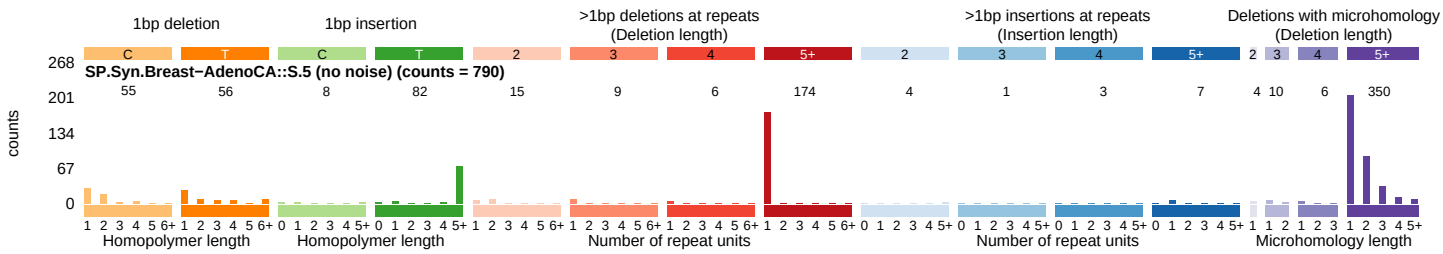
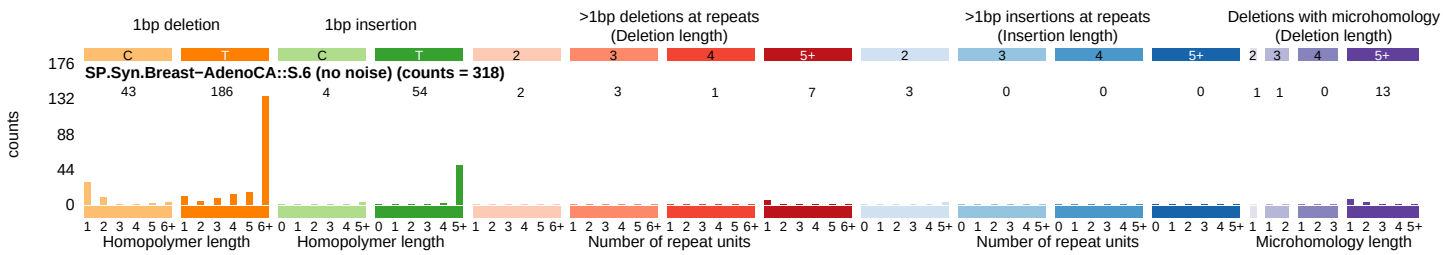

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.1 (no noise) (counts = 553)
74 94 4 49 9 6 3 78 4 0 1 5 2 5 5 214
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.2 (no noise) (counts = 347)
77 81 2 66 5 3 2 33 2 0 0 2 1 3 3 67
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.3 (no noise) (counts = 588)
120 116 5 104 9 6 4 68 4 0 1 3 2 5 4 137
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.4 (no noise) (counts = 94)
22 41 0 5 2 0 0 8 0 0 0 0 0 0 0 16
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.5 (no noise) (counts = 790)
55 56 8 82 15 9 6 174 4 1 3 7 4 10 6 350
counts
Homopolymer length
Number of repeat units
Microhomology length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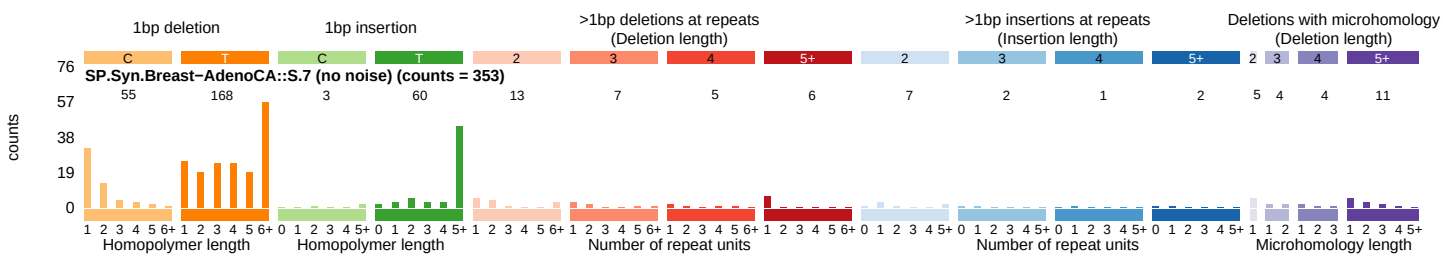
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.6 (no noise) (counts = 318)
43 186 4 54 2 3 1 7 3 0 0 0 1 1 0 13
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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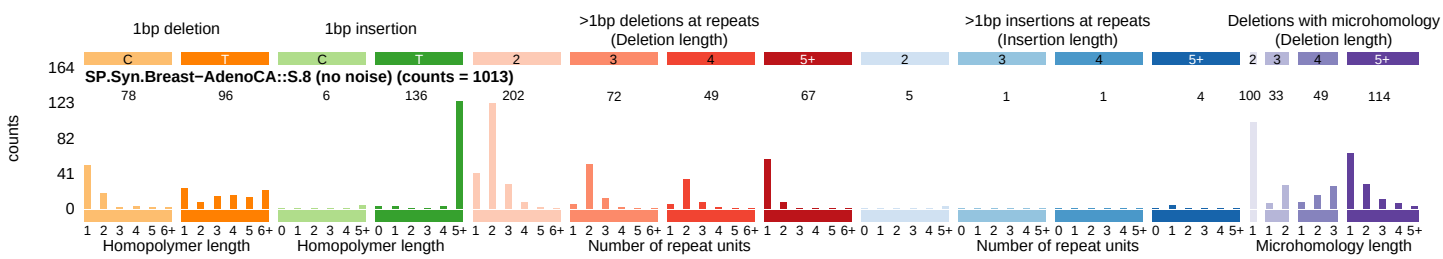
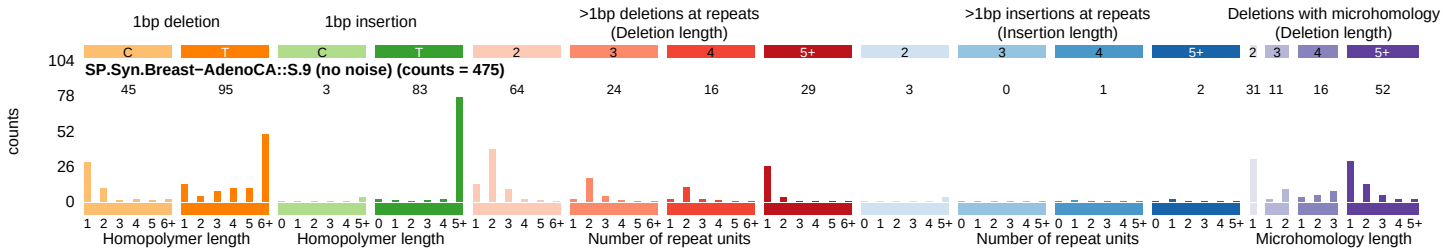
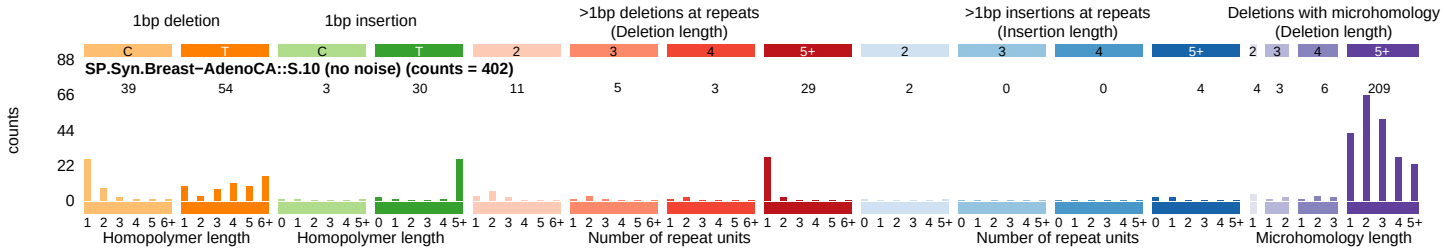
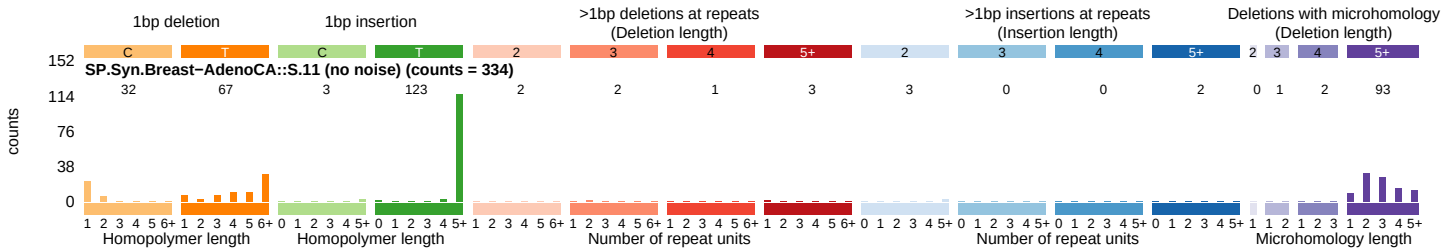
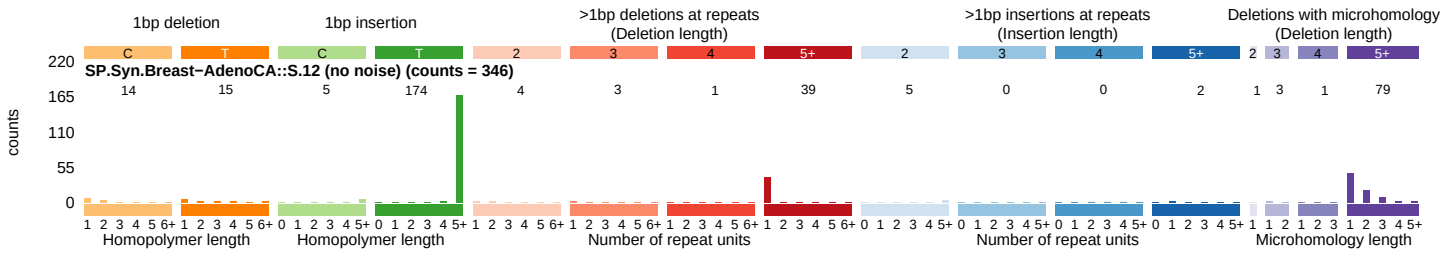
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.7 (no noise) (counts = 353)
55 168 3 60 13 7 5 6 7 2 1 2 5 4 4 11
counts
Homopolymer length
Number of repeat units
Microhomology length

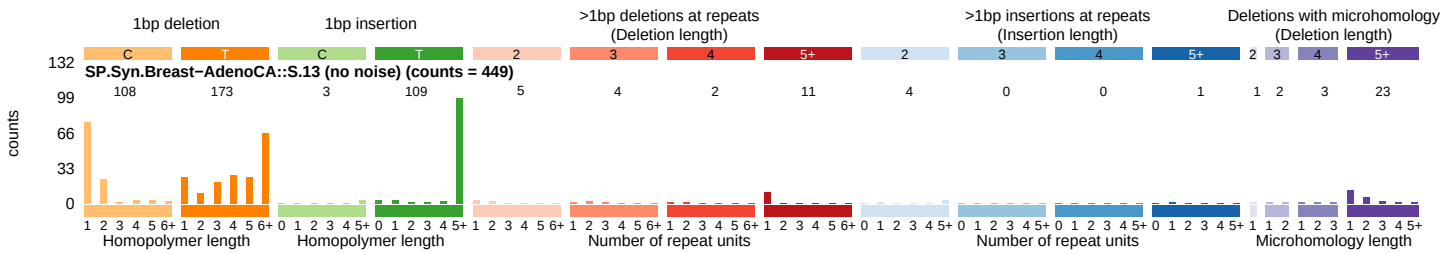

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.8 (no noise) (counts = 1013)
78 96 6 136 202 72 49 67 5 1 1 4 100 33 49 114
counts
Homopolymer length
Number of repeat units
Microhomology length

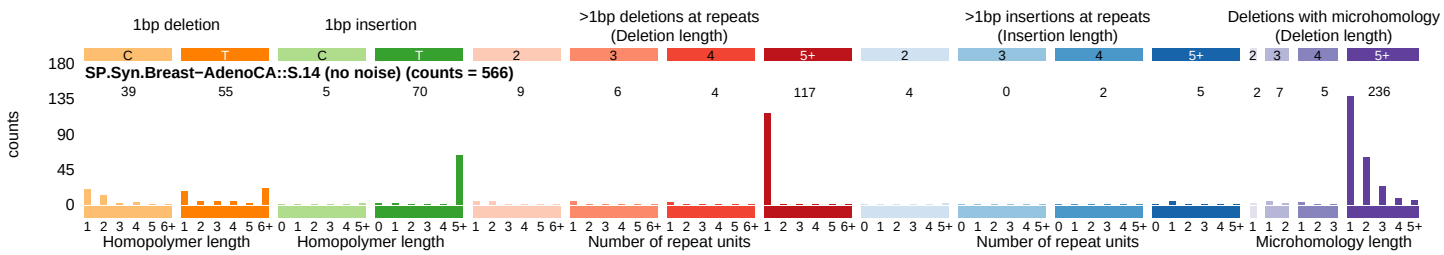

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.9 (no noise) (counts = 475)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.10 (no noise) (counts = 402)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.11 (no noise) (counts = 334)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.12 (no noise) (counts = 346)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.13 (no noise) (counts = 449)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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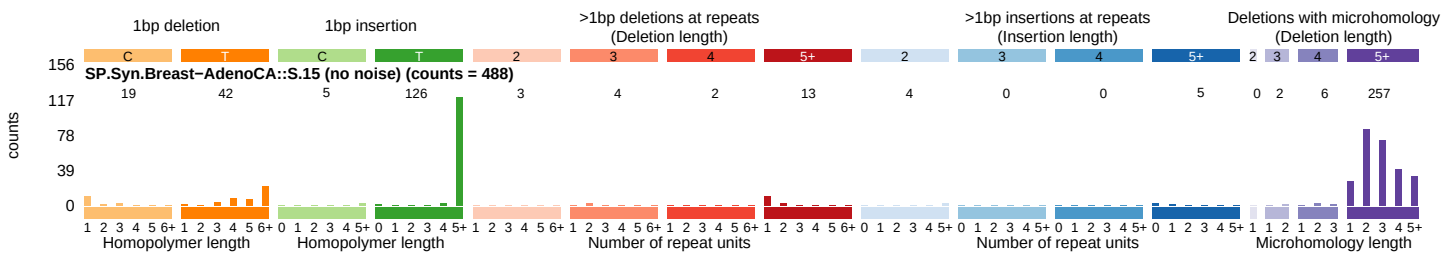
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.14 (no noise) (counts = 566)
counts
Homopolymer length
Number of repeat units
Microhomology length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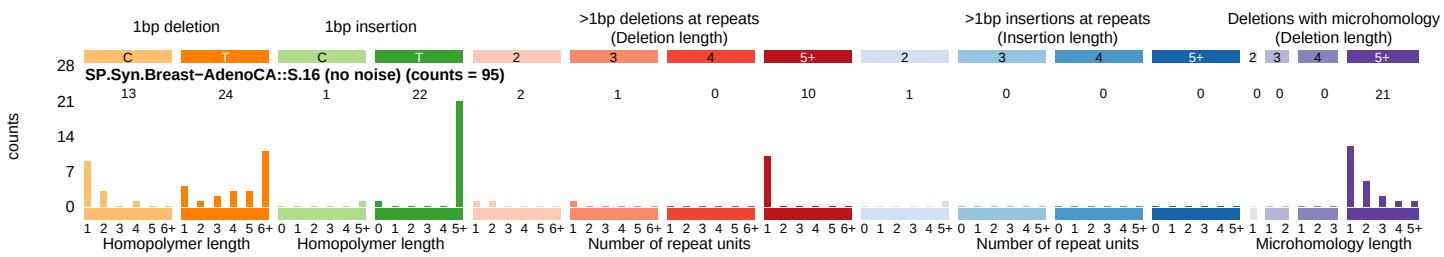
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.15 (no noise) (counts = 488)
counts
Homopolymer length
Number of repeat units
Microhomology length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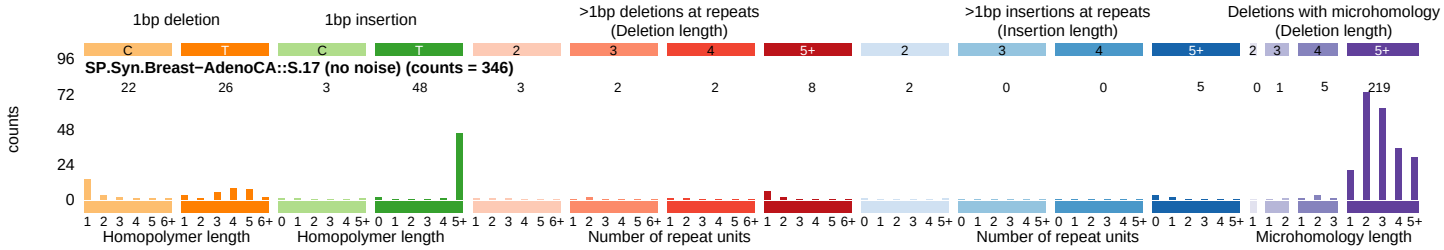
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.16 (no noise) (counts = 95)
counts
Homopolymer length
Number of repeat units
Microhomology length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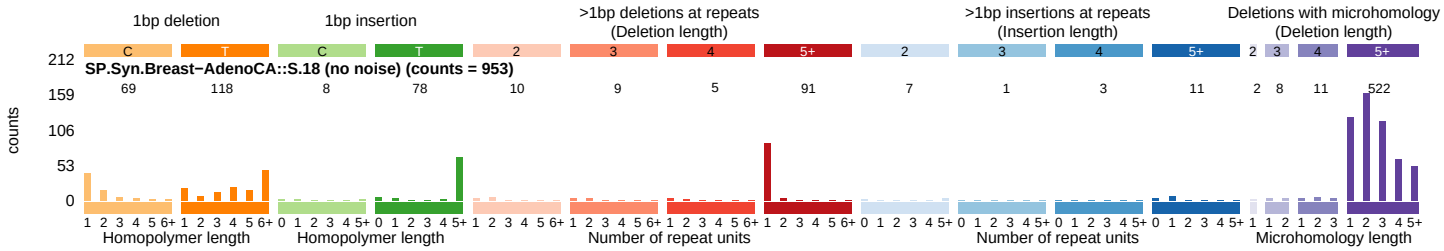
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.17 (no noise) (counts = 346)
22 26 3 48 3 2 2 8 2 0 0 5 0 1 5 219
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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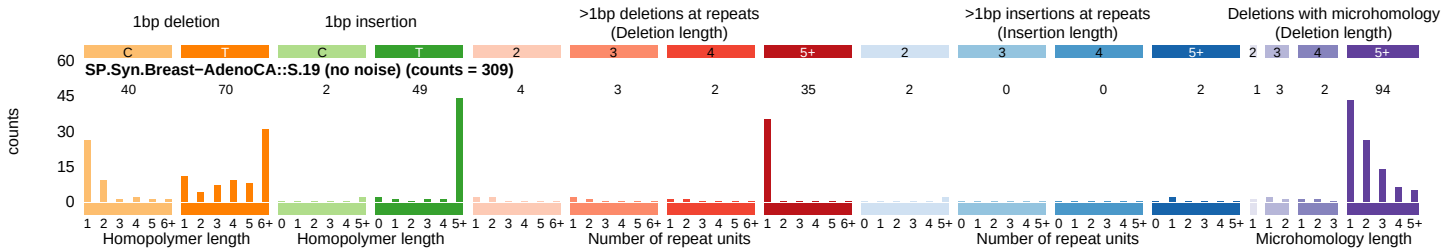
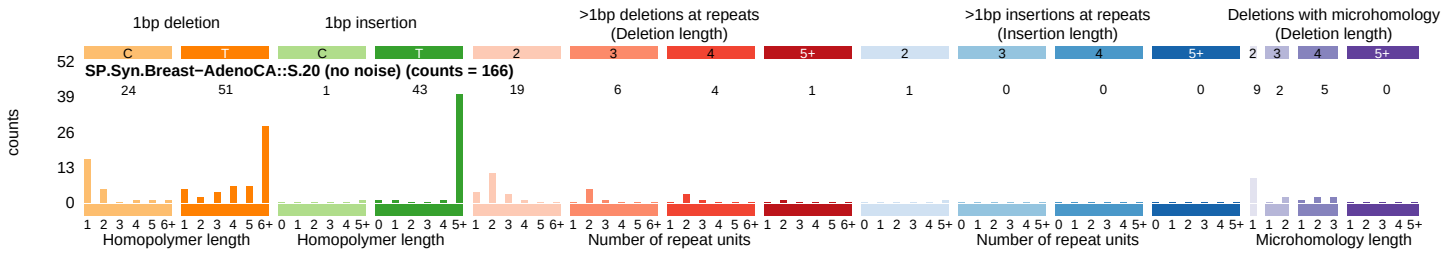
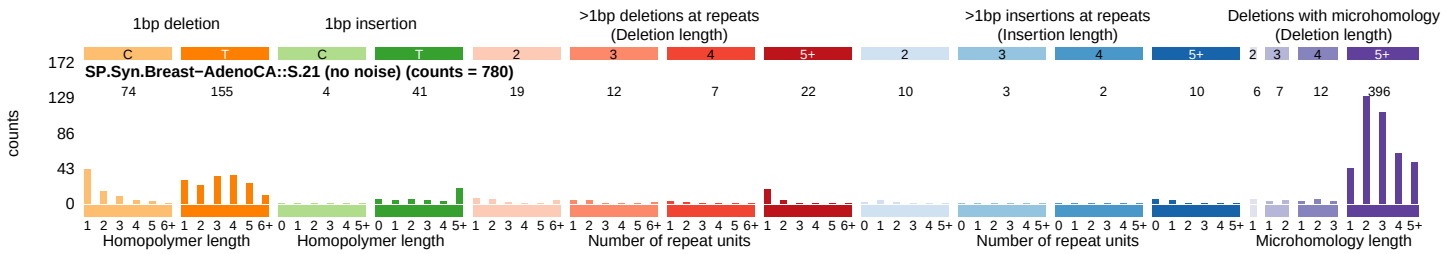
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.18 (no noise) (counts = 953)
69 118 8 78 10 9 5 91 7 1 3 11 2 8 11 522
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.19 (no noise) (counts = 309)
40 70 2 49 4 3 2 35 2 0 0 2 1 3 2 94
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.20 (no noise) (counts = 166)
24 51 1 43 19 6 4 1 1 0 0 0 9 2 5 0
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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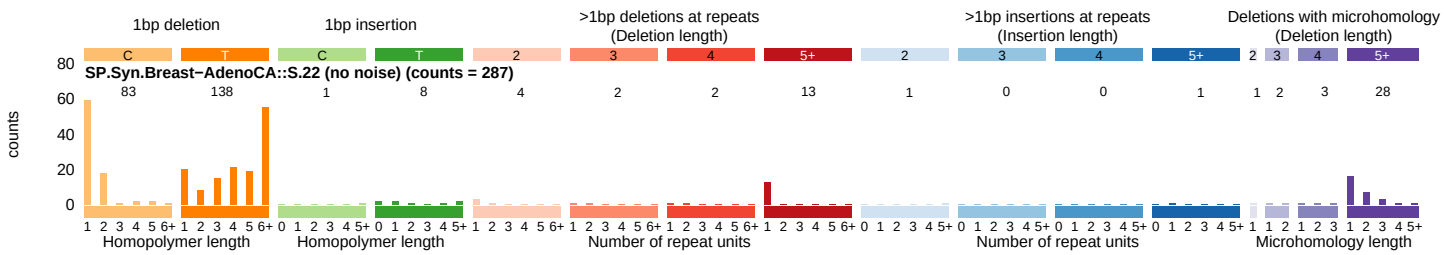
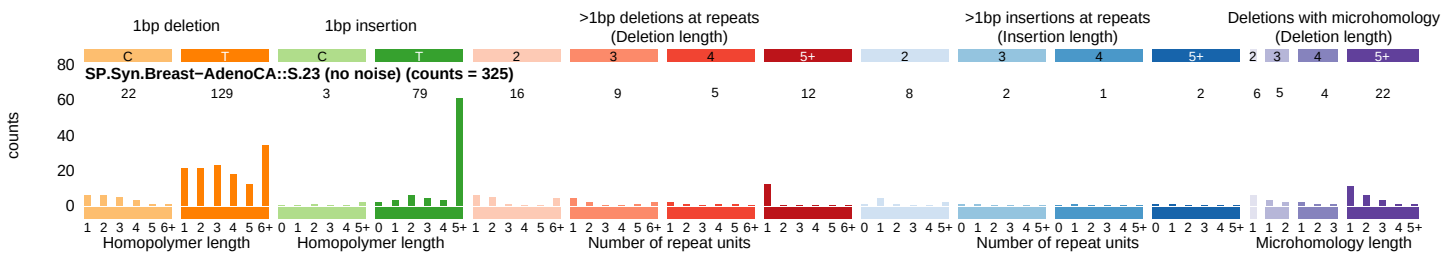
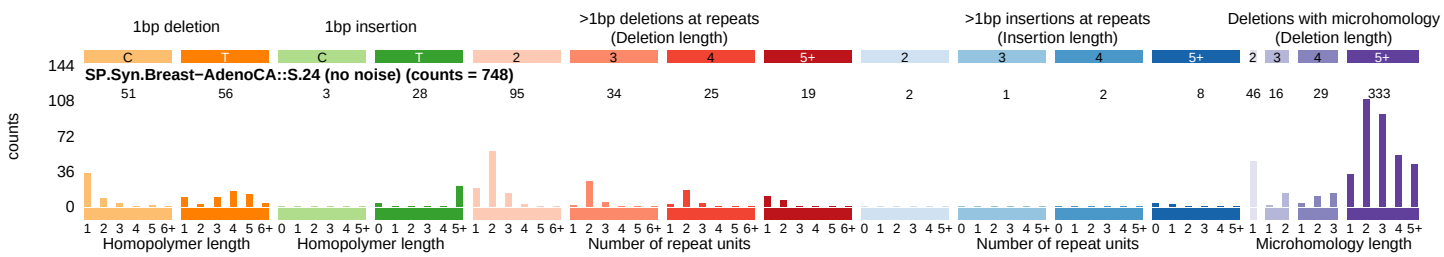
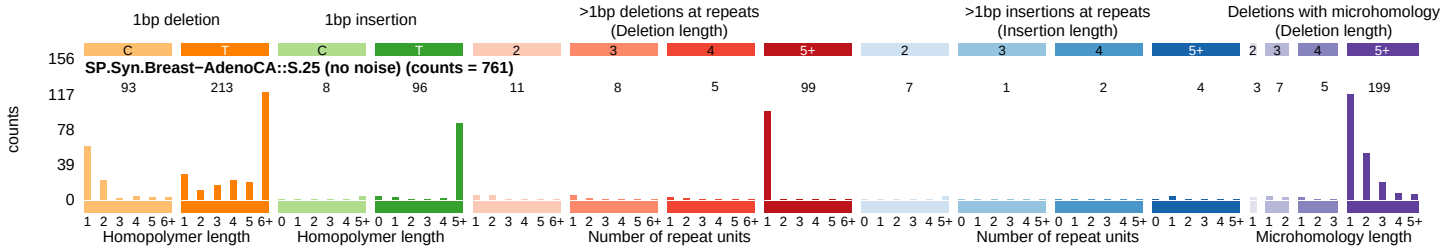
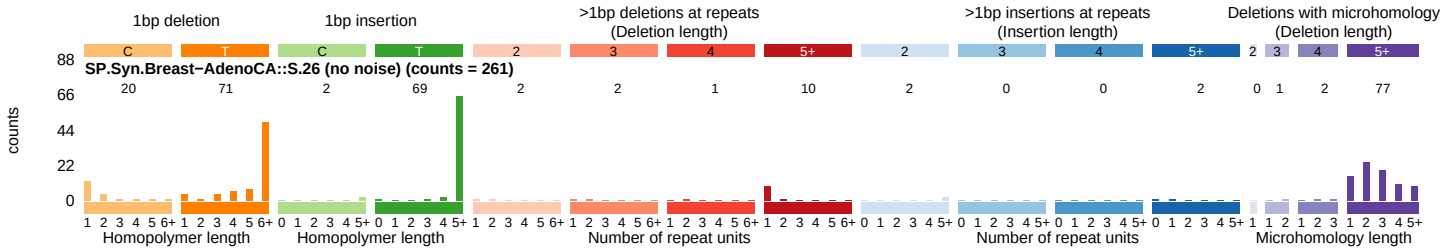
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.21 (no noise) (counts = 780)
74 155 4 41 19 12 7 22 10 3 2 10 6 7 12 396
counts
Homopolymer length
Number of repeat units
Microhomology length

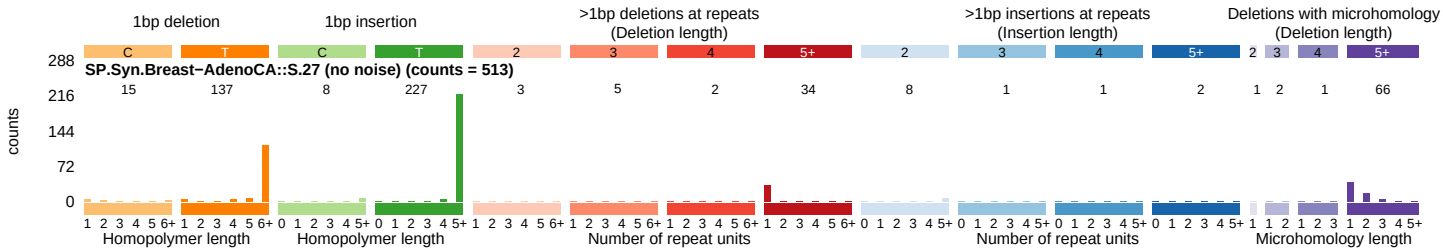

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.22 (no noise) (counts = 287)
83 138 1 8 4 2 2 13 1 0 0 1 1 2 3 28
counts
Homopolymer length
Number of repeat units
Microhomology length

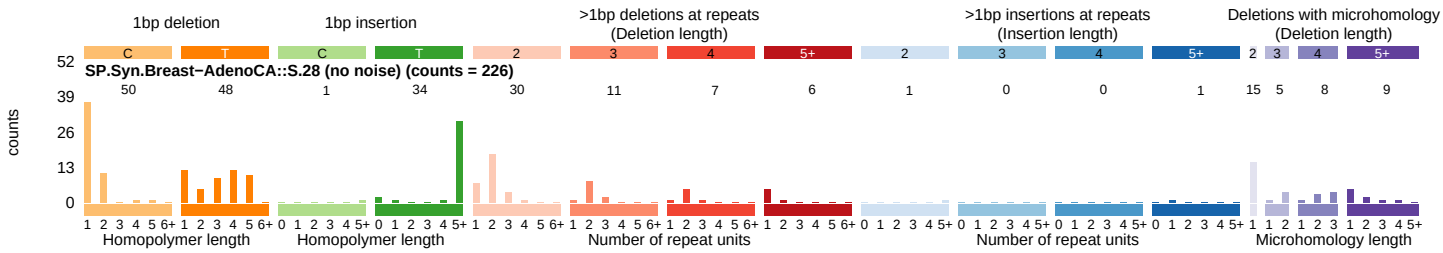

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.23 (no noise) (counts = 325)
22 129 3 79 16 9 5 12 8 2 1 2 6 5 4 22
counts
Homopolymer length
Number of repeat units
Microhomology length

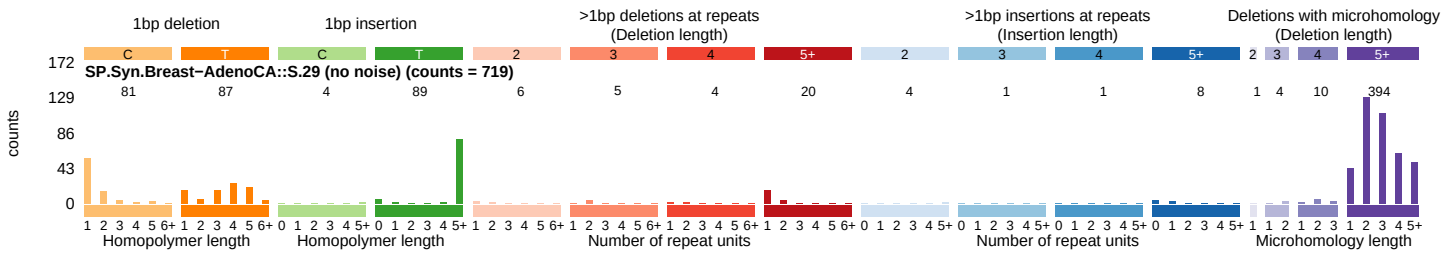

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.24 (no noise) (counts = 748)
51 56 3 28 95 34 25 19 2 1 2 8 46 16 29 333
counts
Homopolymer length
Number of repeat units
Microhomology length

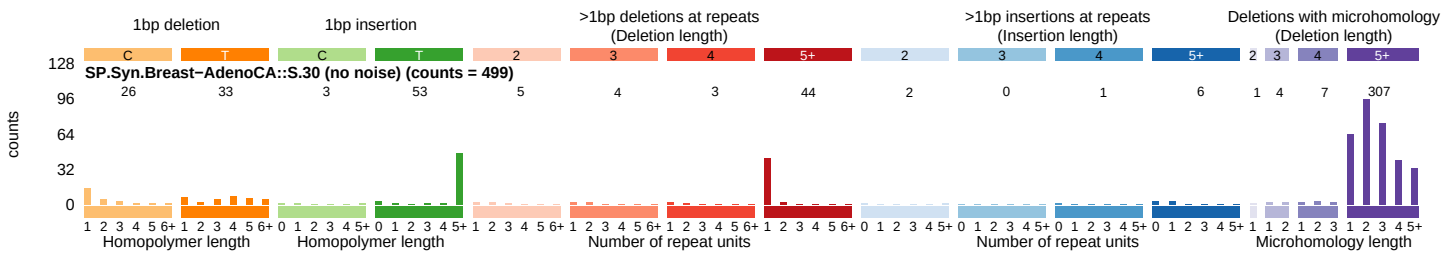

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.25 (no noise) (counts = 761)
93 213 8 96 11 8 5 99 7 1 2 4 3 7 5 199
counts
Homopolymer length
Number of repeat units
Microhomology length

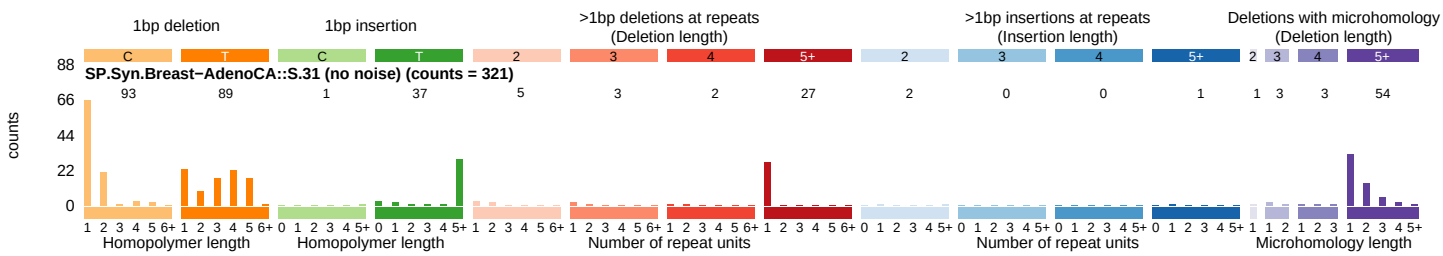

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.26 (no noise) (counts = 261)
20 71 2 69 2 2 1 10 2 0 0 2 0 1 2 77
counts
Homopolymer length
Number of repeat units
Microhomology length

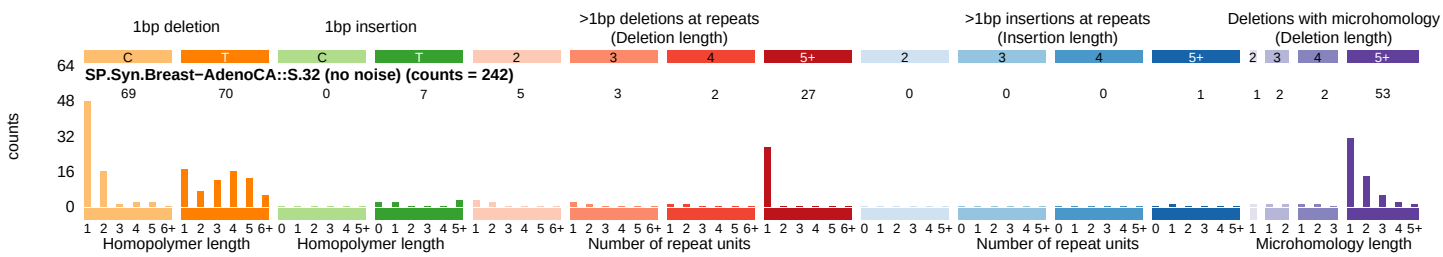

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.27 (no noise) (counts = 513)
15 137 8 227 3 5 2 34 8 1 1 2 1 2 1 66
counts
Homopolymer length
Number of repeat units
Microhomology length

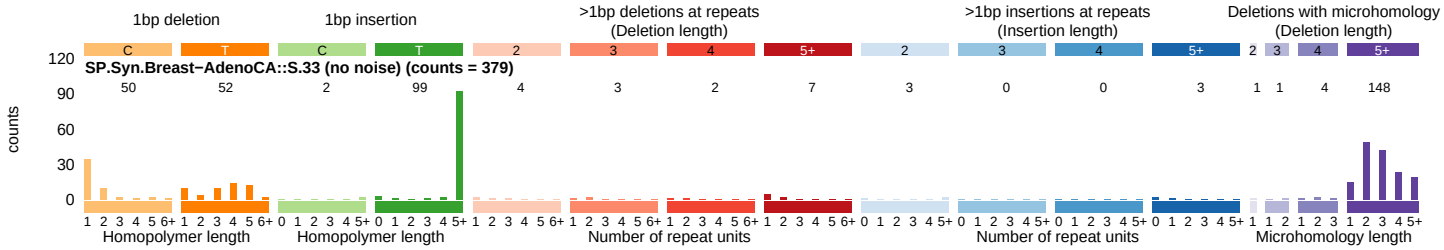

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.28 (no noise) (counts = 226)
50 48 1 34 30 11 7 6 1 0 0 1 15 5 8 9
counts
Homopolymer length
Number of repeat units
Microhomology length

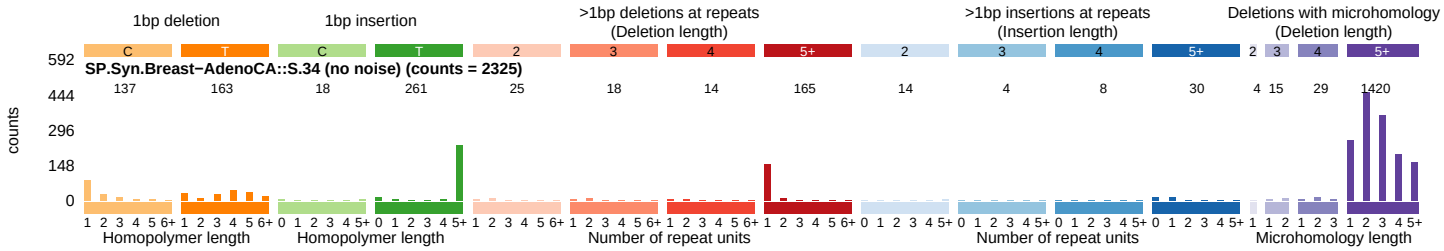

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.29 (no noise) (counts = 719)
81 87 4 89 6 5 4 20 4 1 1 8 1 4 10 394
counts
Homopolymer length
Number of repeat units
Microhomology length

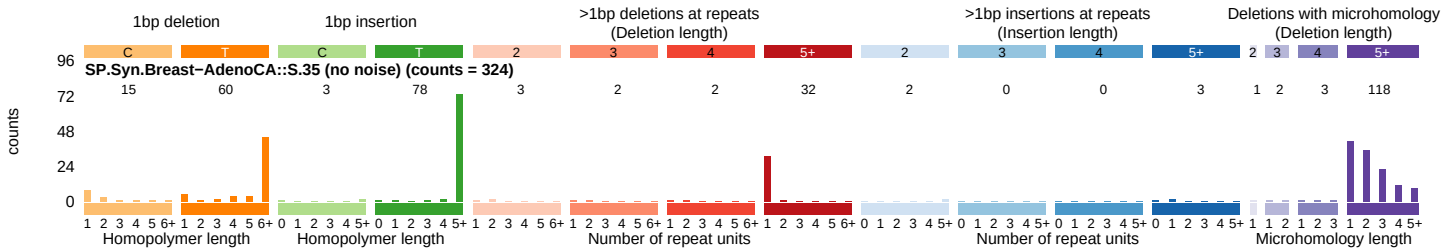

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.30 (no noise) (counts = 499)
26 33 3 53 5 4 3 44 2 0 1 6 1 4 7 307
counts
Homopolymer length
Number of repeat units
Microhomology length

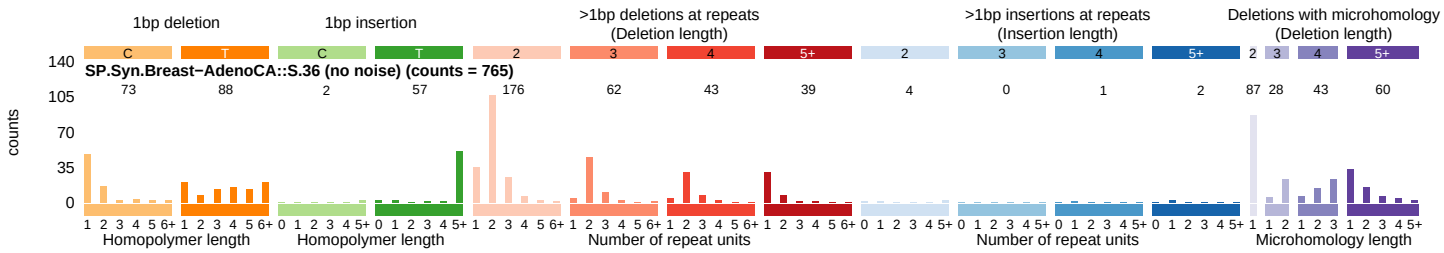

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.31 (no noise) (counts = 321)
93 89 1 37 5 3 2 27 2 0 0 1 1 3 3 54
counts
Homopolymer length
Number of repeat units
Microhomology length

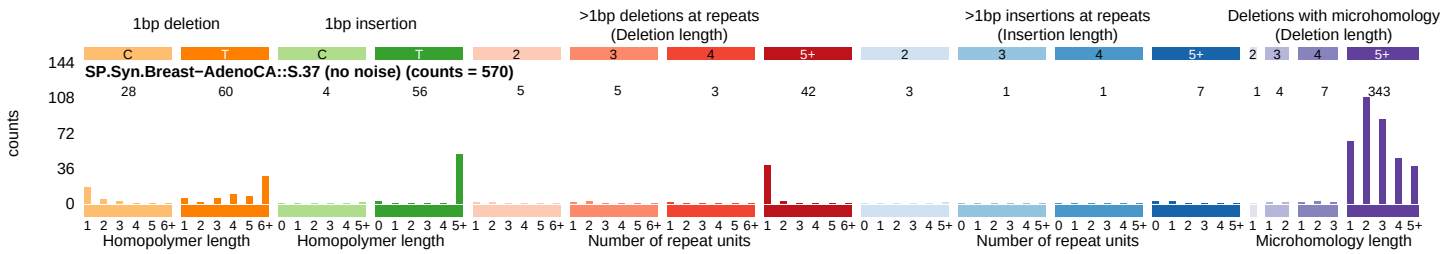

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.32 (no noise) (counts = 242)
69 70 0 7 5 3 2 27 0 0 0 1 1 2 2 53
counts
Homopolymer length
Number of repeat units
Microhomology length

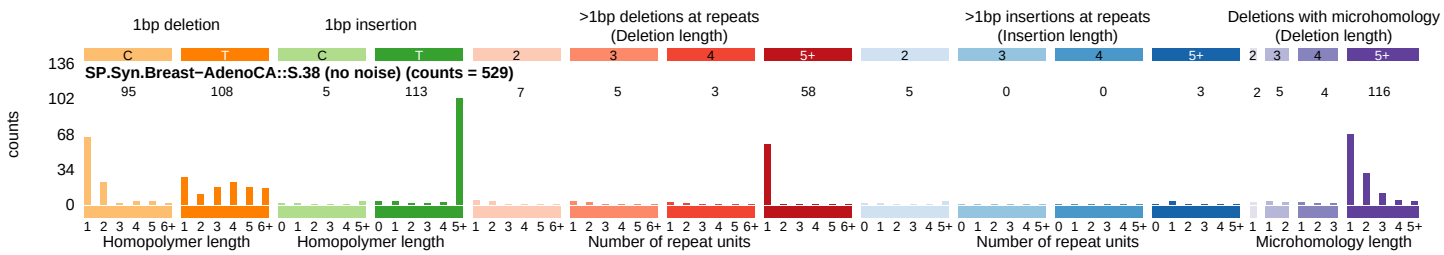

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.33 (no noise) (counts = 379)
50 52 2 99 4 3 2 7 3 0 0 3 1 1 4 148
counts
Homopolymer length
Number of repeat units
Microhomology length

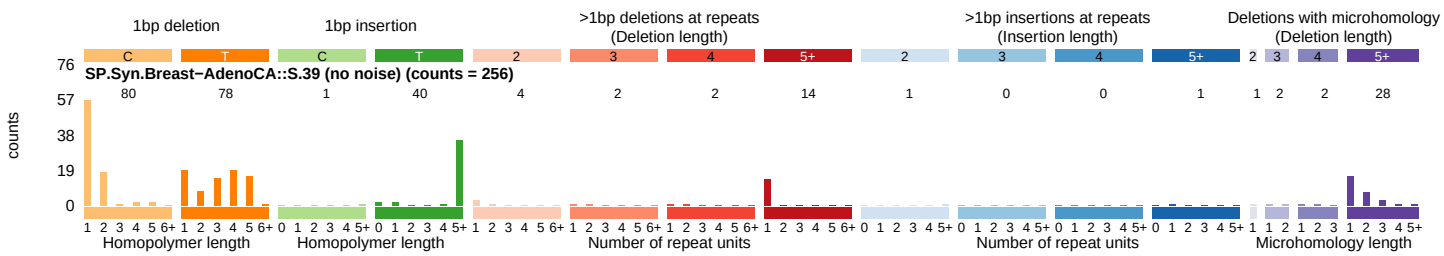

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.34 (no noise) (counts = 2325)
137 163 18 261 25 18 14 165 14 4 8 30 4 15 29 1420
counts
Homopolymer length
Number of repeat units
Microhomology length

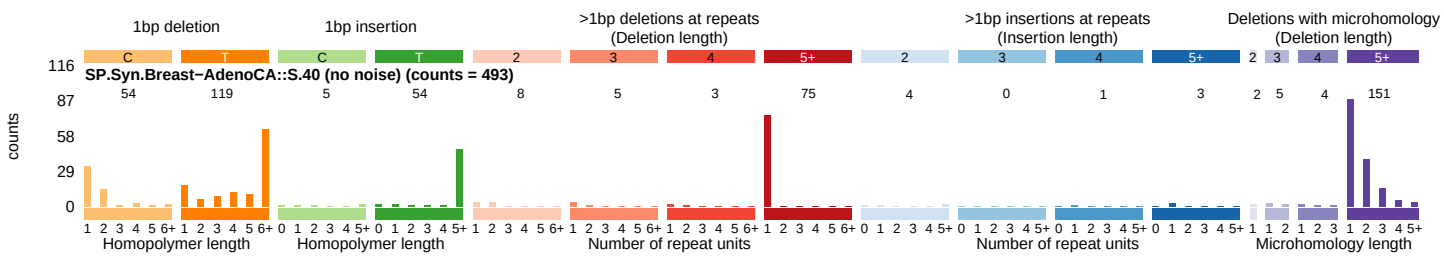

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.35 (no noise) (counts = 324)
15 60 3 78 3 2 2 32 2 0 0 3 1 2 3 118
counts
Homopolymer length
Number of repeat units
Microhomology length

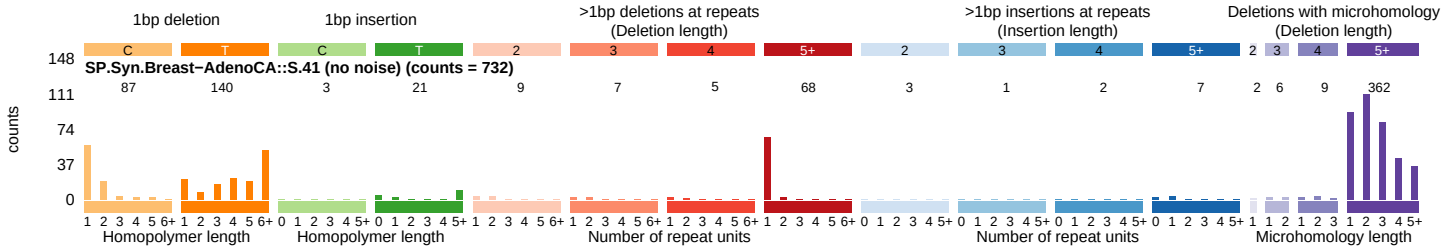

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.36 (no noise) (counts = 765)
73 88 2 57 176 62 43 39 4 0 1 2 87 28 43 60
counts
Homopolymer length
Number of repeat units
Microhomology length

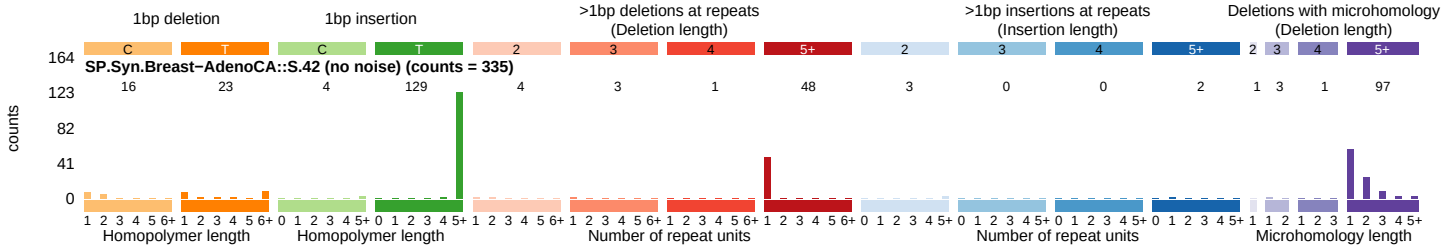

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.37 (no noise) (counts = 570)
28 60 4 56 5 5 3 42 3 1 1 7 1 4 7 343
counts
Homopolymer length
Number of repeat units
Microhomology length

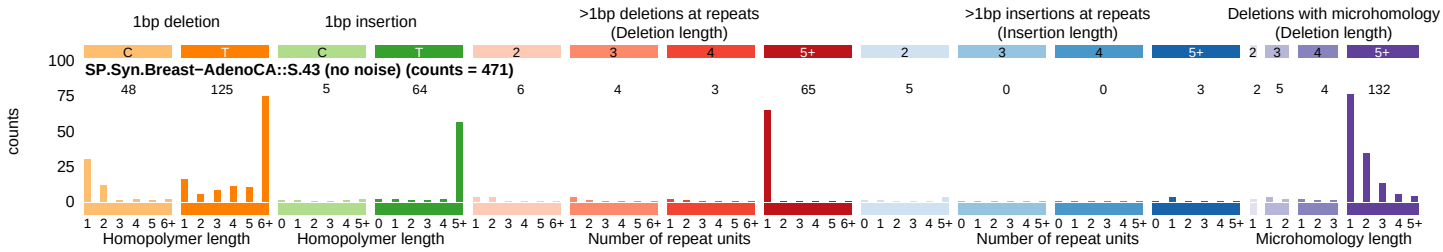

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.38 (no noise) (counts = 529)
95 108 5 113 7 5 3 58 5 0 0 3 2 5 4 116
counts
Homopolymer length
Number of repeat units
Microhomology length

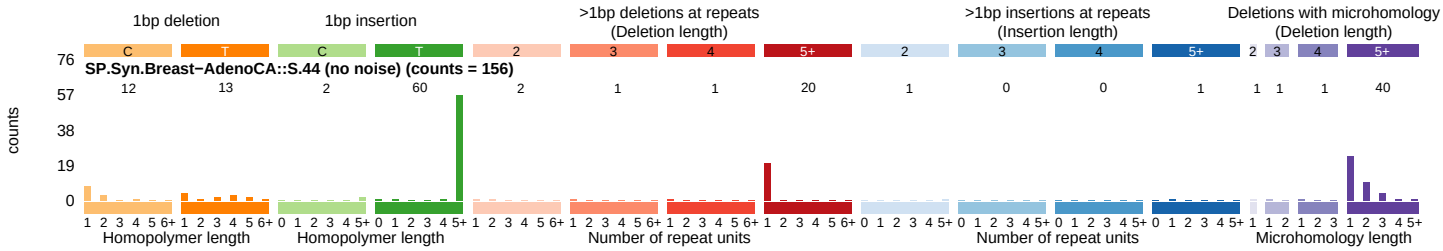

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.39 (no noise) (counts = 256)
80 78 1 40 4 2 2 14 1 0 0 1 1 2 2 28
counts
Homopolymer length
Number of repeat units
Microhomology length

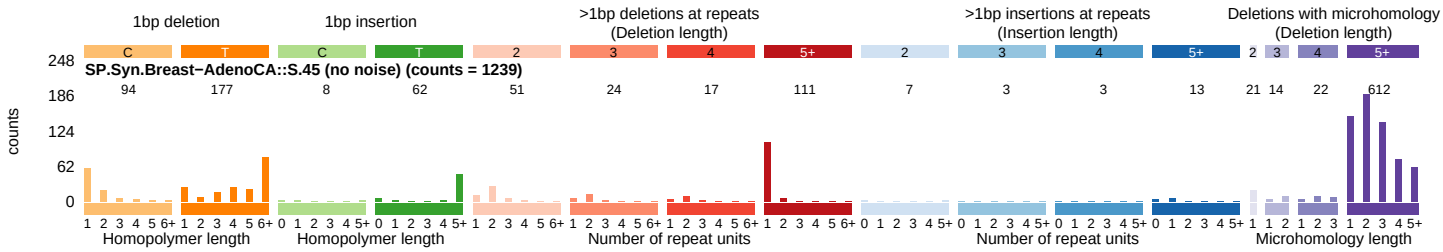

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.40 (no noise) (counts = 493)
54 119 5 54 8 5 3 75 4 0 1 3 2 5 4 151
counts
Homopolymer length
Number of repeat units
Microhomology length

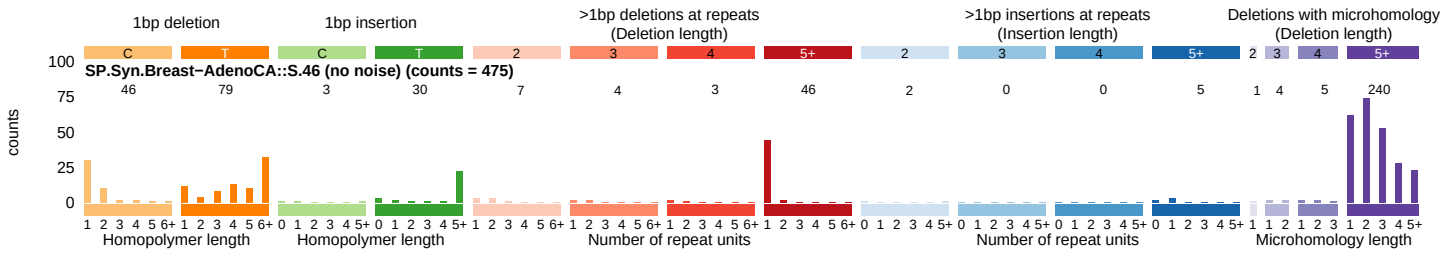

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.41 (no noise) (counts = 732)
counts
Homopolymer length
Number of repeat units
Microhomology length

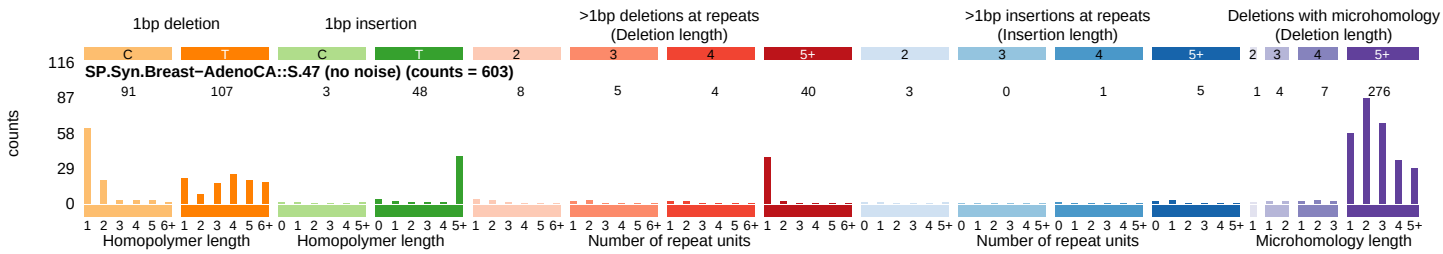

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.42 (no noise) (counts = 335)
counts
Homopolymer length
Number of repeat units
Microhomology length

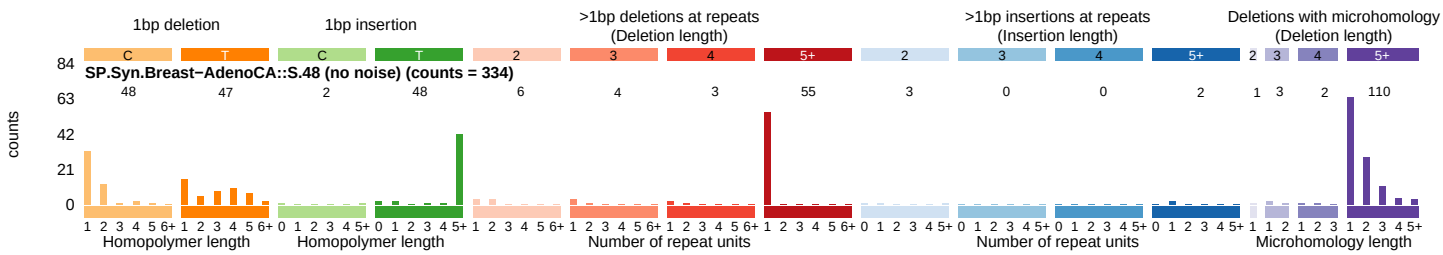

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.43 (no noise) (counts = 471)
counts
Homopolymer length
Number of repeat units
Microhomology length

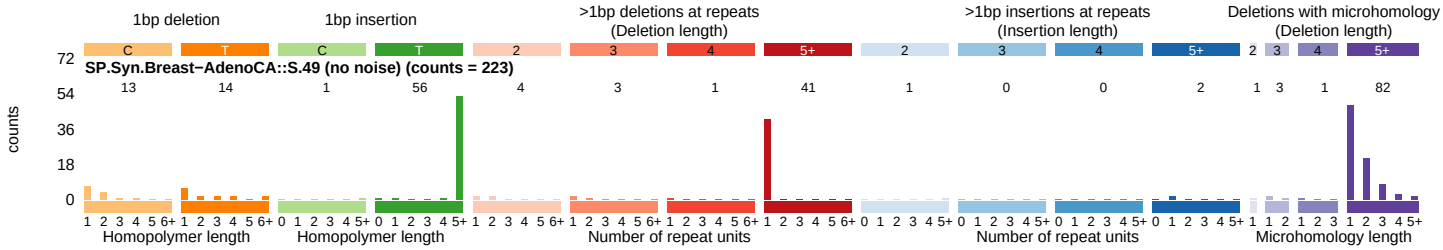

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.44 (no noise) (counts = 156)
counts
Homopolymer length
Number of repeat units
Microhomology length

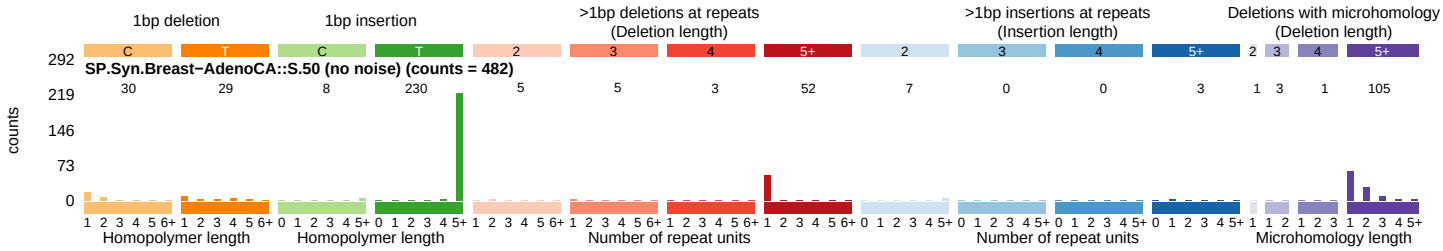

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.45 (no noise) (counts = 1239)
counts
Homopolymer length
Number of repeat units
Microhomology length

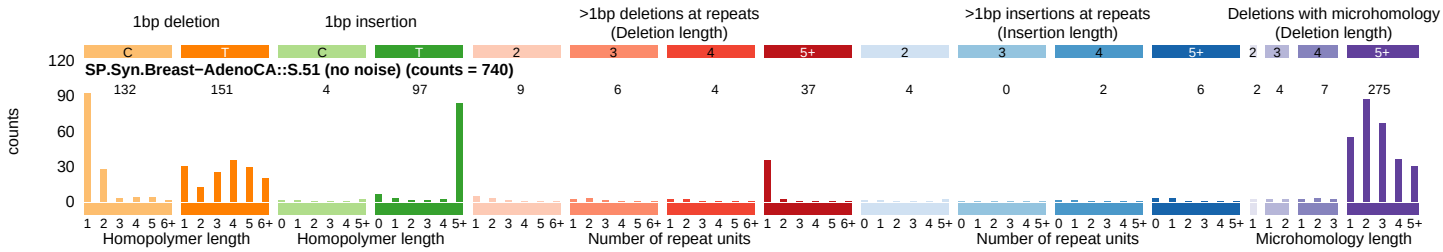

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.46 (no noise) (counts = 475)
counts
Homopolymer length
Number of repeat units
Microhomology length

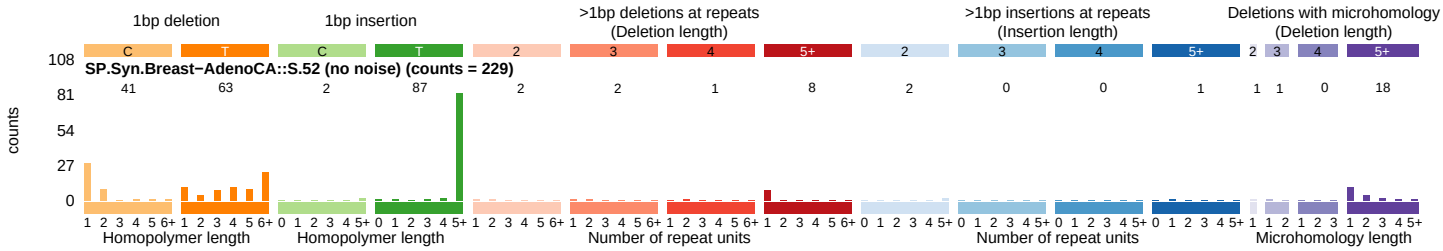

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.47 (no noise) (counts = 603)
counts
Homopolymer length
Number of repeat units
Microhomology length

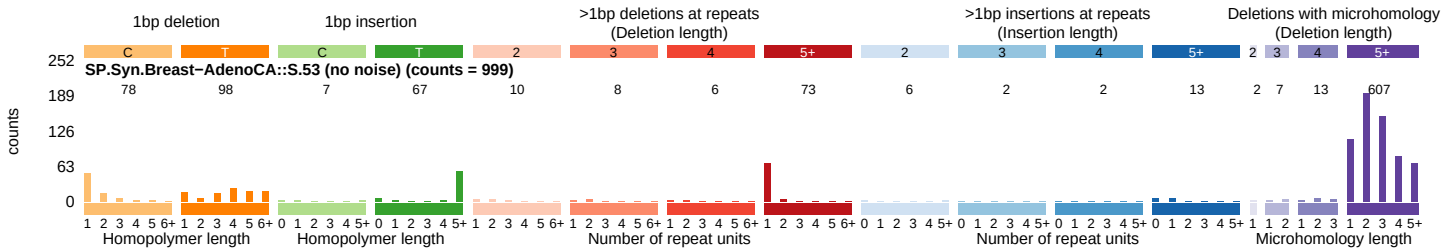

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.48 (no noise) (counts = 334)
counts
Homopolymer length
Number of repeat units
Microhomology length

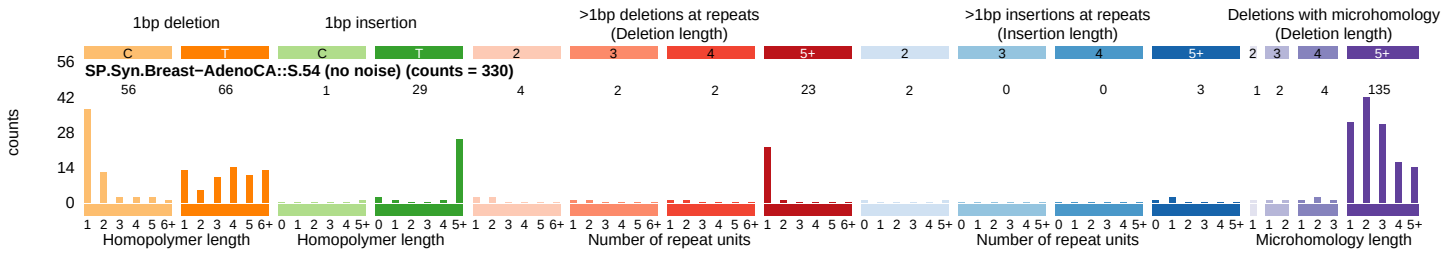

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.49 (no noise) (counts = 223)
counts
Homopolymer length
Number of repeat units
Microhomology length

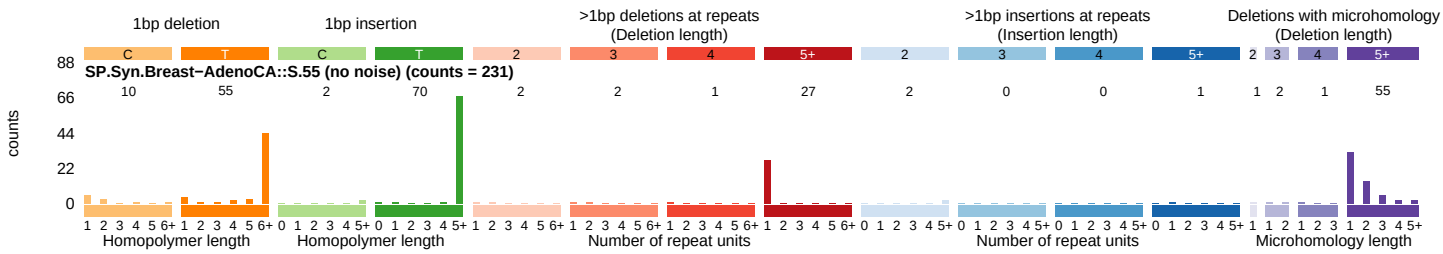

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.50 (no noise) (counts = 482)
counts
Homopolymer length
Number of repeat units
Microhomology length

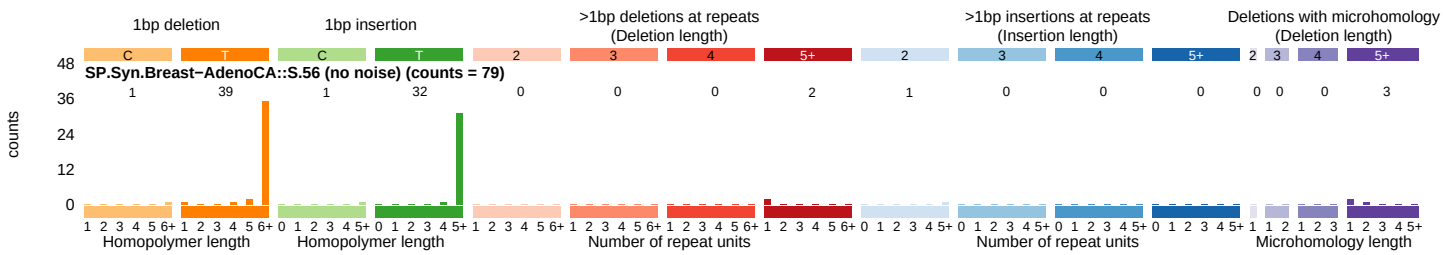

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.51 (no noise) (counts = 740)
counts
Homopolymer length
Number of repeat units
Microhomology length

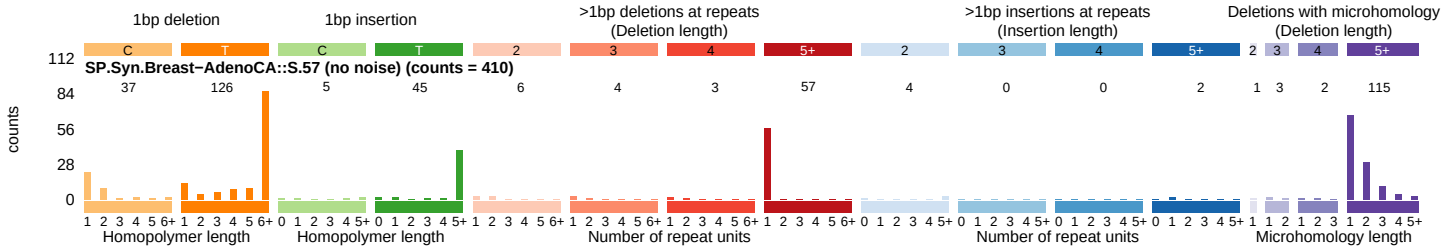

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.52 (no noise) (counts = 229)
counts
Homopolymer length
Number of repeat units
Microhomology length

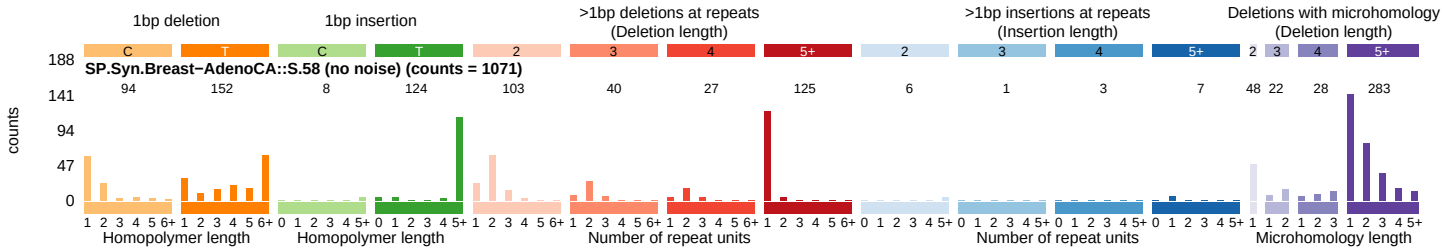

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.53 (no noise) (counts = 999)
counts
Homopolymer length
Number of repeat units
Microhomology length

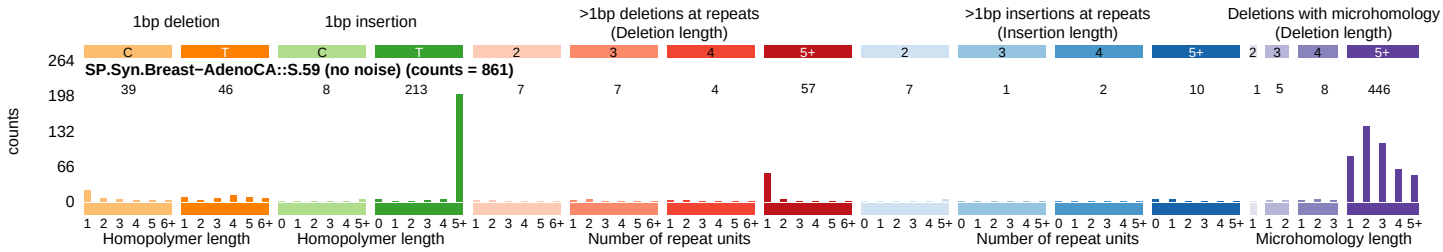

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.54 (no noise) (counts = 330)
counts
Homopolymer length
Number of repeat units
Microhomology length

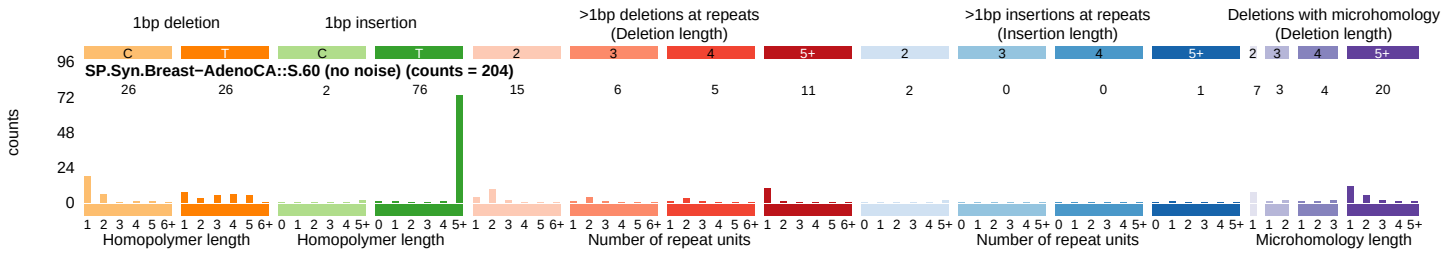

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.55 (no noise) (counts = 231)
counts
Homopolymer length
Number of repeat units
Microhomology length

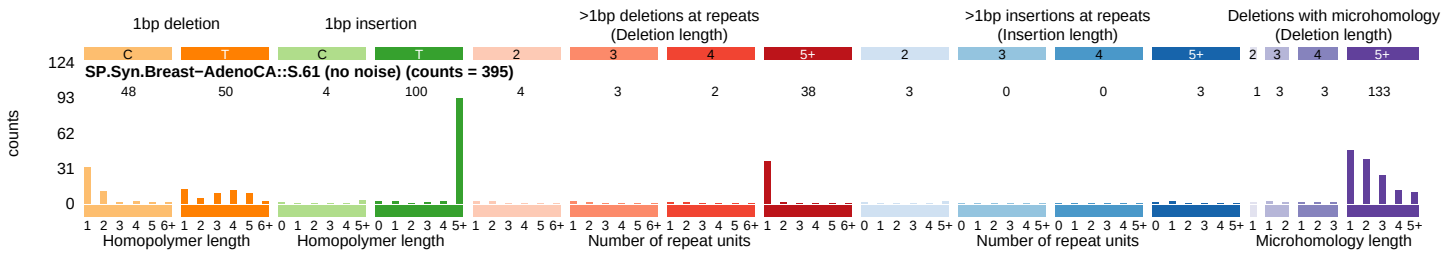

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.56 (no noise) (counts = 79)
counts
Homopolymer length
Number of repeat units
Microhomology length

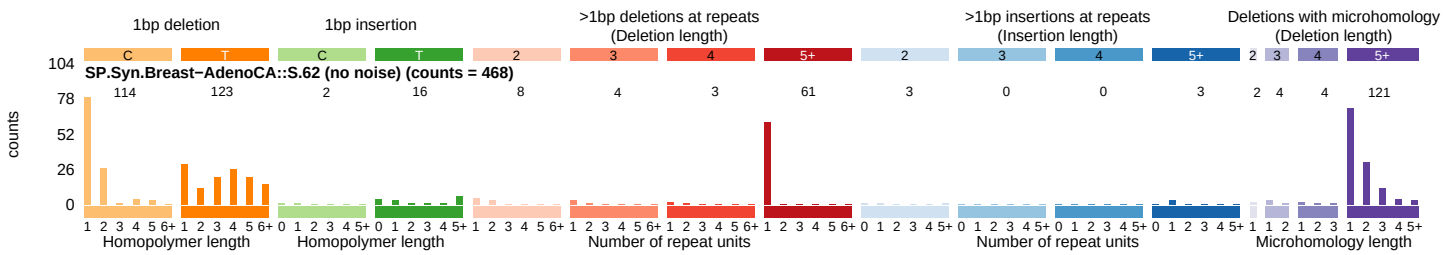

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.57 (no noise) (counts = 410)
counts
Homopolymer length
Number of repeat units
Microhomology length

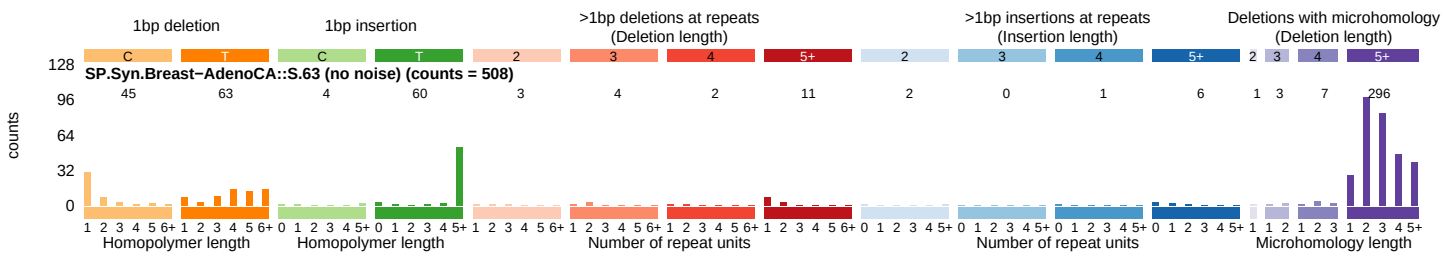

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.58 (no noise) (counts = 1071)
counts
Homopolymer length
Number of repeat units
Microhomology length

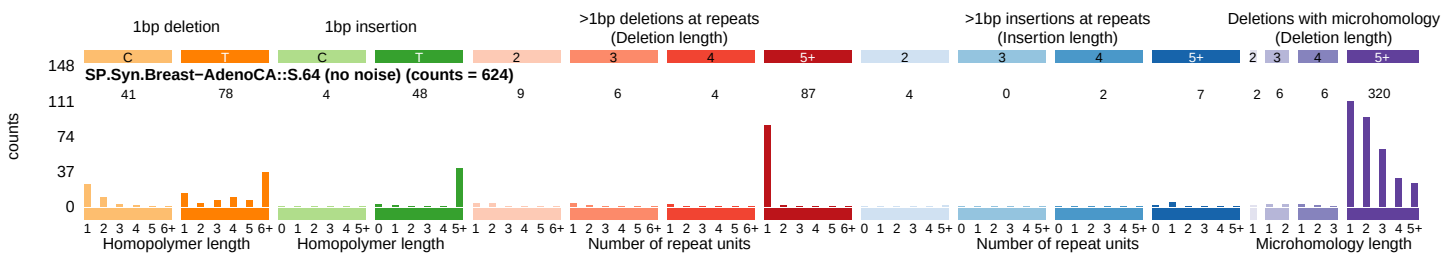

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.59 (no noise) (counts = 861)
counts
Homopolymer length
Number of repeat units
Microhomology length

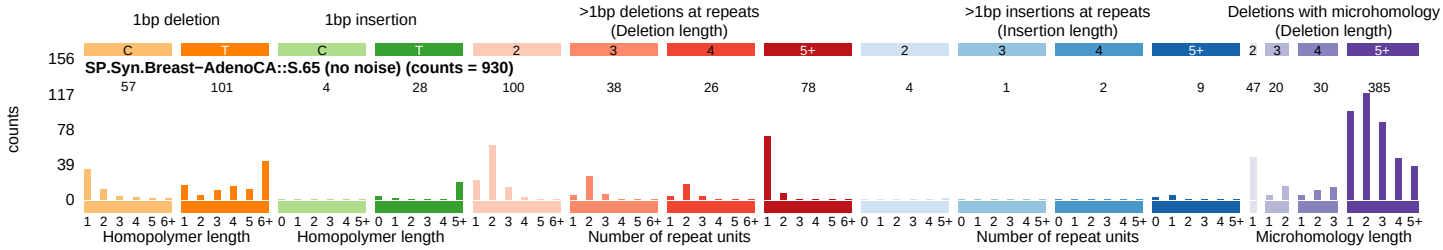

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.60 (no noise) (counts = 204)
counts
Homopolymer length
Number of repeat units
Microhomology length

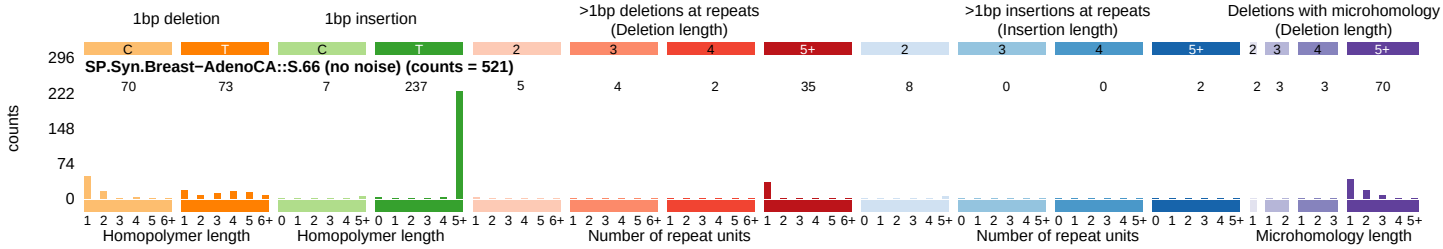

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.61 (no noise) (counts = 395)
counts
Homopolymer length
Number of repeat units
Microhomology length

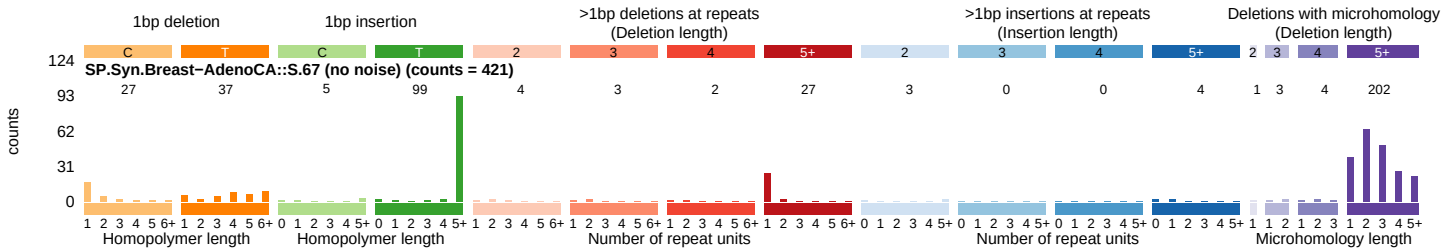

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.62 (no noise) (counts = 468)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.63 (no noise) (counts = 508)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.64 (no noise) (counts = 624)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.65 (no noise) (counts = 930)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.66 (no noise) (counts = 521)
counts
Homopolymer length
Number of repeat units
Microhomology length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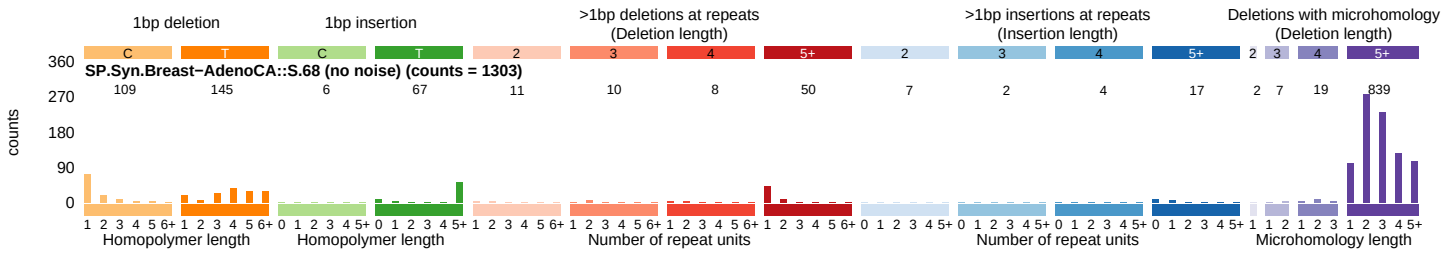
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.67 (no noise) (counts = 421)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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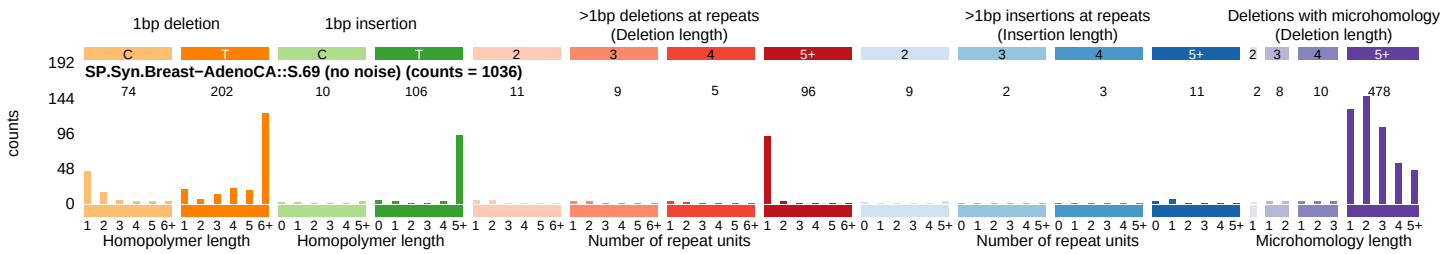
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.68 (no noise) (counts = 1303)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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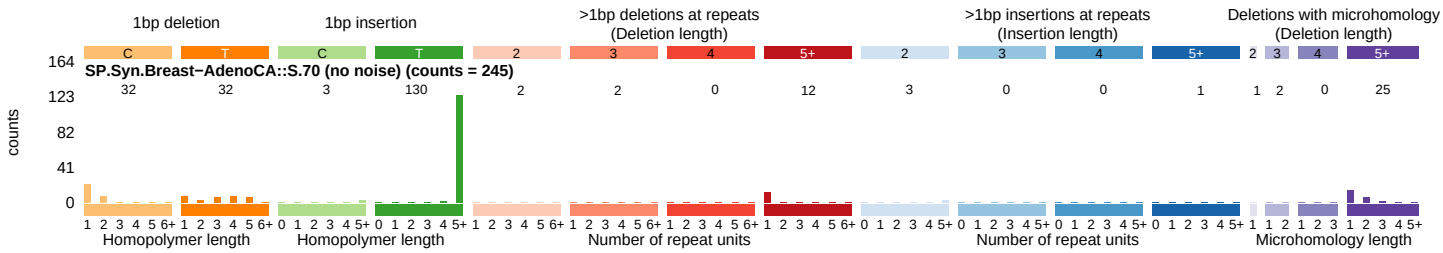
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.69 (no noise) (counts = 1036)
counts
Homopolymer length
Number of repeat units
Microhomology length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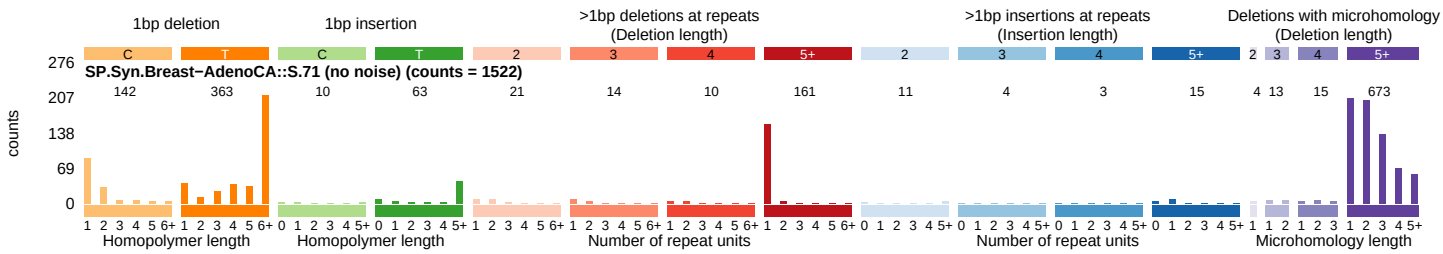
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.70 (no noise) (counts = 245)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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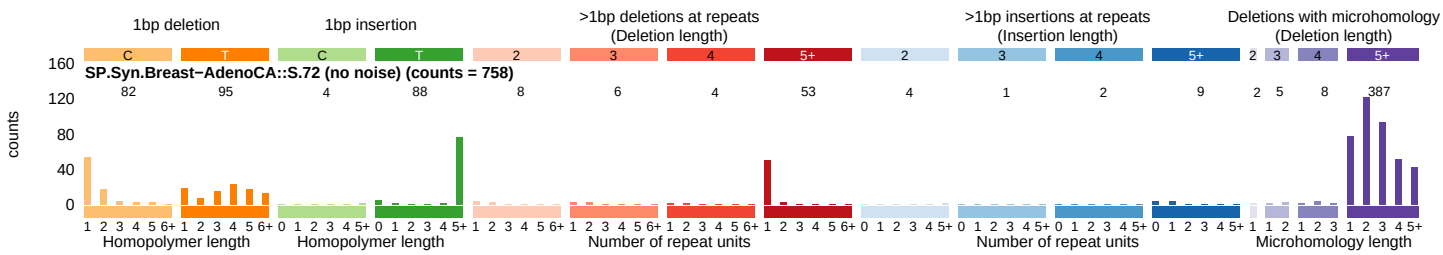
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.71 (no noise) (counts = 1522)
counts
Homopolymer length
Number of repeat units
Microhomology length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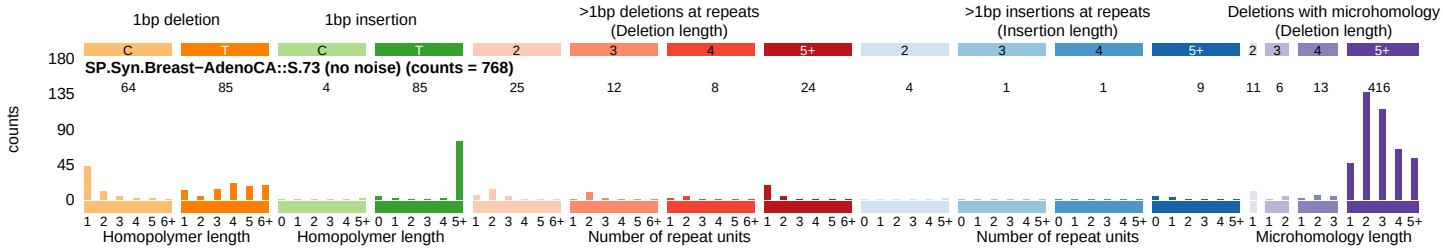
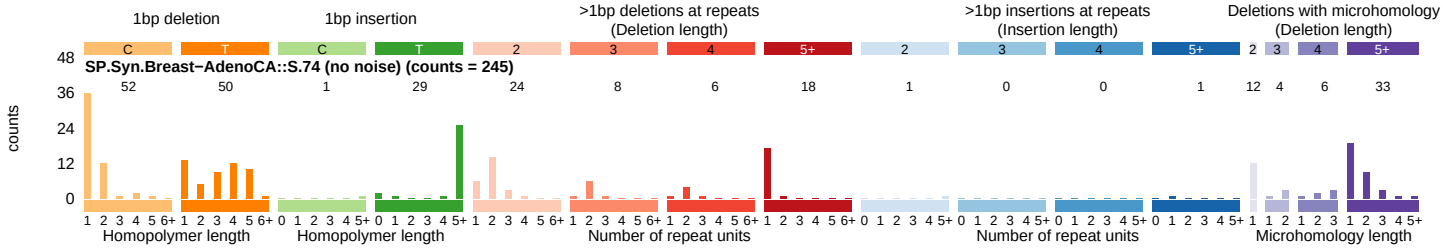
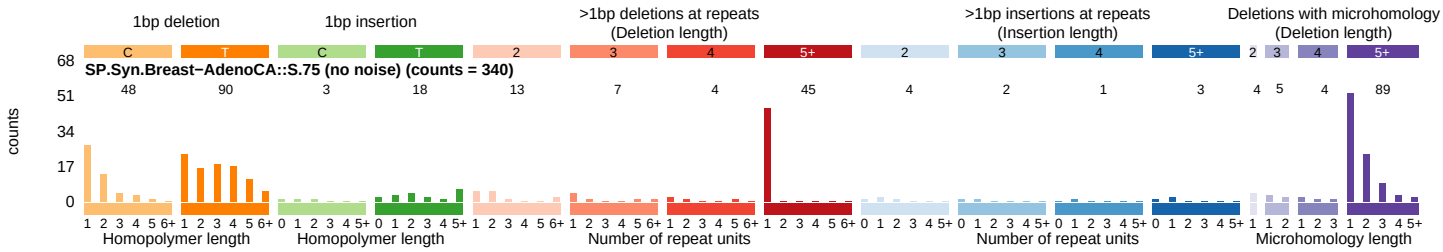
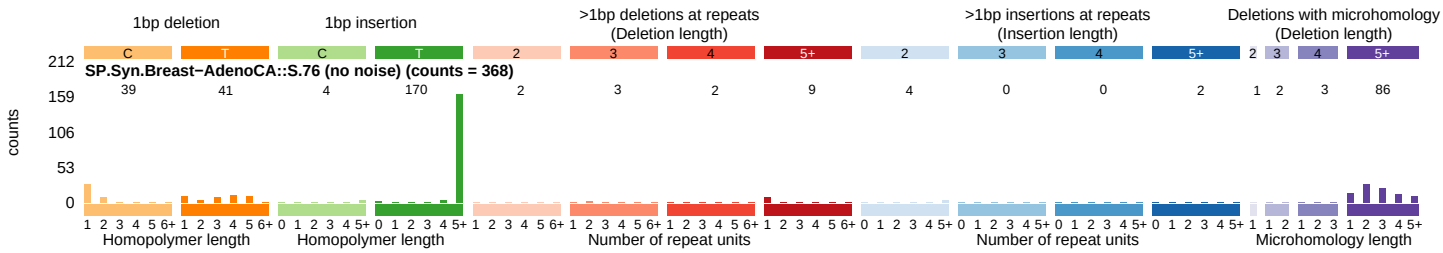
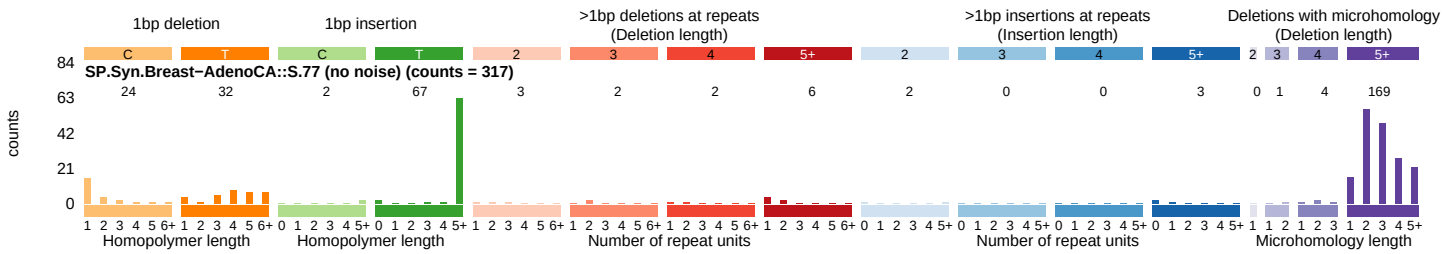
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.72 (no noise) (counts = 758)
counts
Homopolymer length
Number of repeat units
Microhomology length

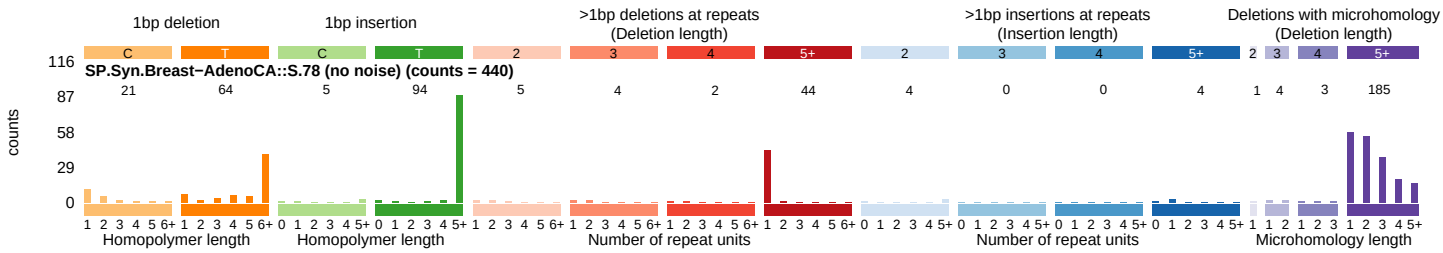

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.73 (no noise) (counts = 768)
64 85 4 85 25 12 8 24 4 1 1 9 11 6 13 416
counts
180 135 90 45 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

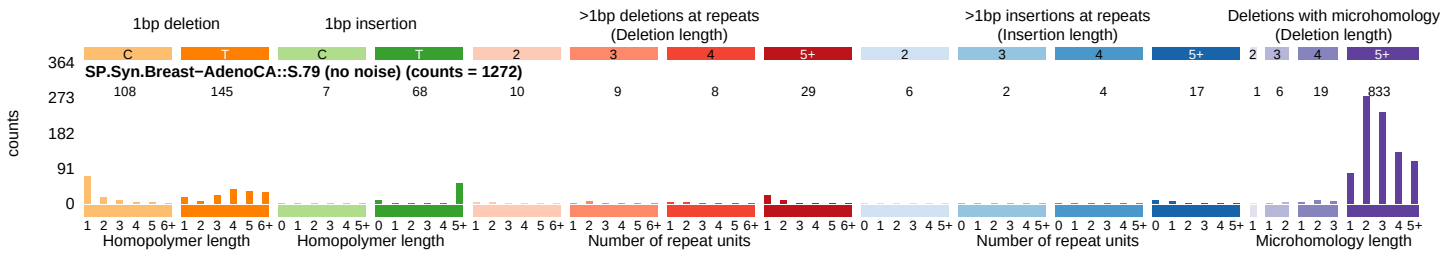

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.74 (no noise) (counts = 245)
52 50 1 29 24 8 6 18 1 0 0 1 12 4 6 33
counts
48 36 24 12 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

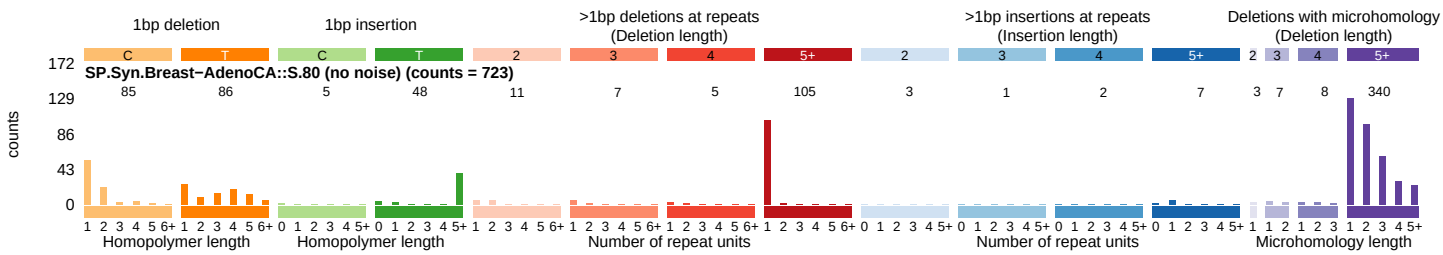

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.75 (no noise) (counts = 340)
48 90 3 18 13 7 4 45 4 2 1 3 4 5 4 89
counts
68 51 34 17 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

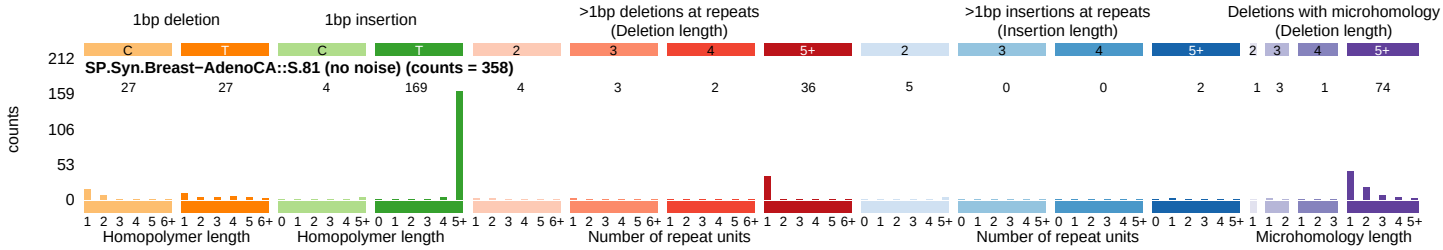

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.76 (no noise) (counts = 368)
39 41 4 170 2 3 2 9 4 0 0 2 1 2 3 86
counts
212 159 106 53 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

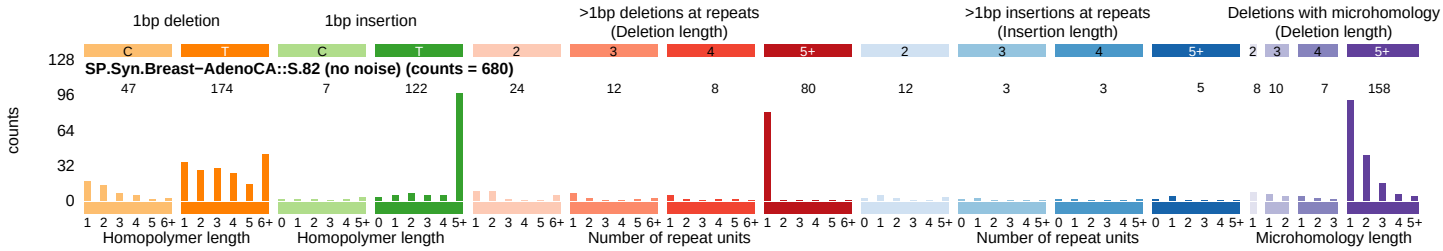

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.77 (no noise) (counts = 317)
24 32 2 67 3 2 2 6 2 0 0 3 0 1 4 169
counts
84 63 42 21 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

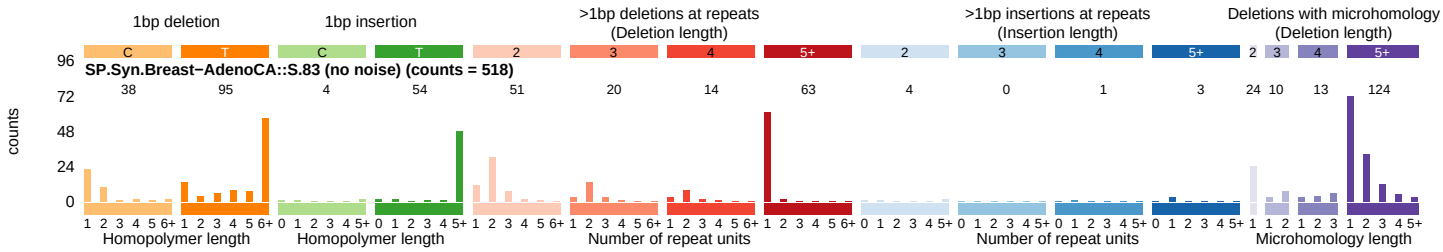

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.78 (no noise) (counts = 440)
21 64 5 94 5 4 2 44 4 0 0 4 1 4 3 185
counts
116 87 58 29 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

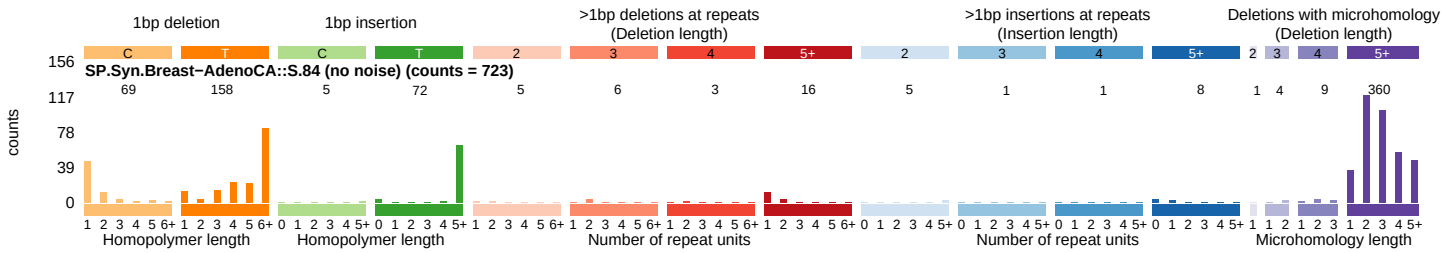

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.79 (no noise) (counts = 1272)
108 145 7 68 10 9 8 29 6 2 4 17 1 6 19 833
counts
364 273 182 91 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.80 (no noise) (counts = 723)
85 86 5 48 11 7 5 105 3 1 2 7 3 7 8 340
counts
172 129 86 43 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.81 (no noise) (counts = 358)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.82 (no noise) (counts = 680)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.83 (no noise) (counts = 518)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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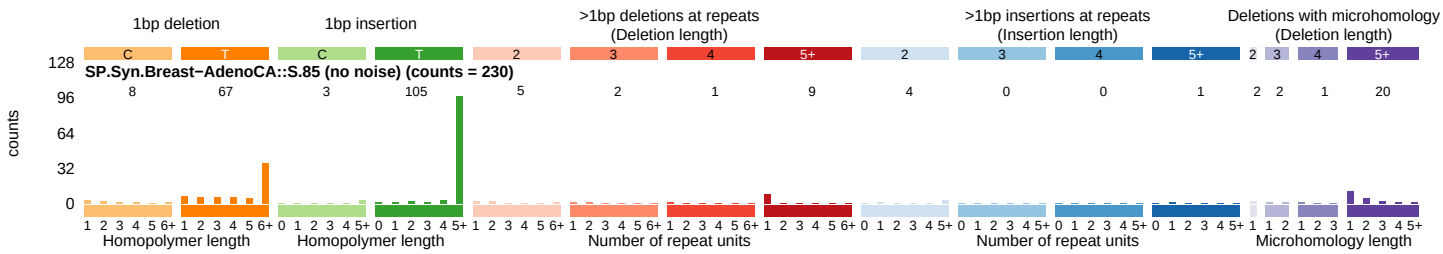
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.84 (no noise) (counts = 723)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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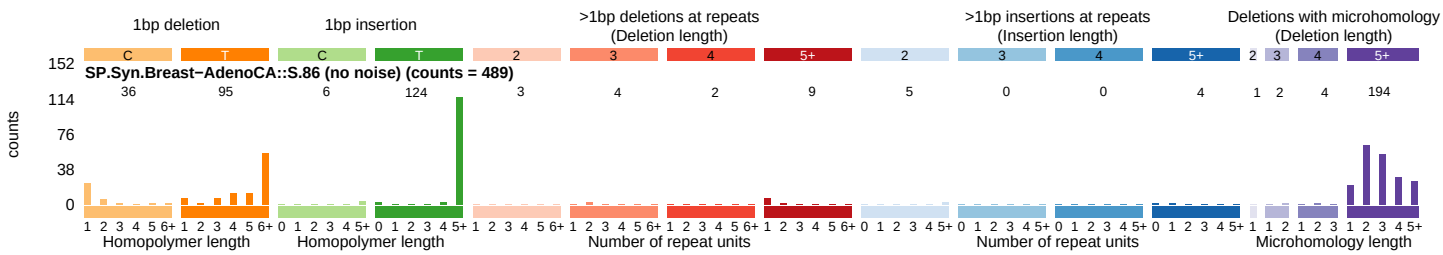
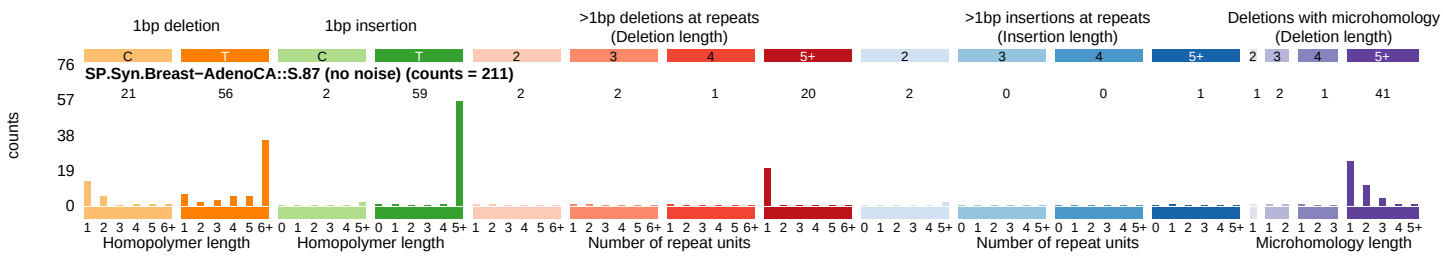
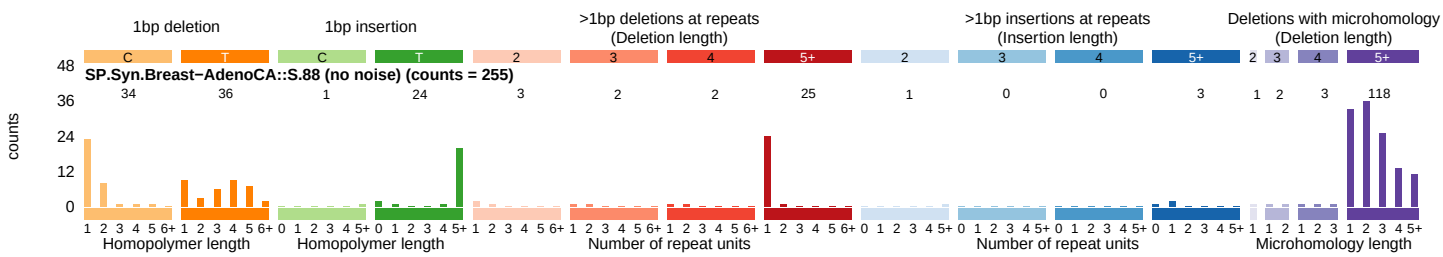
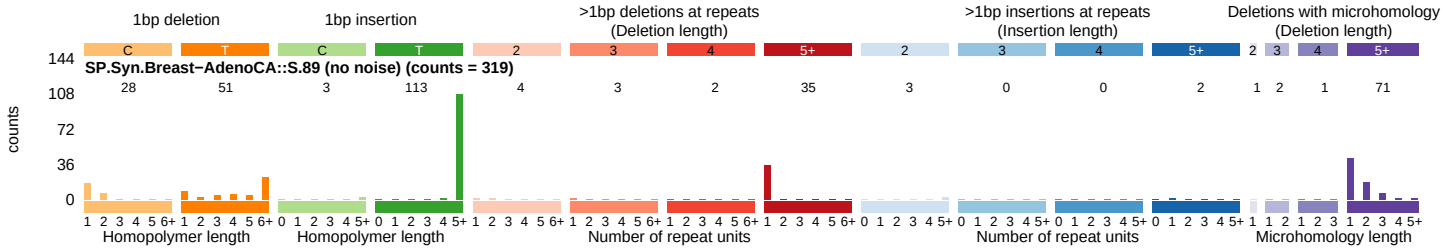
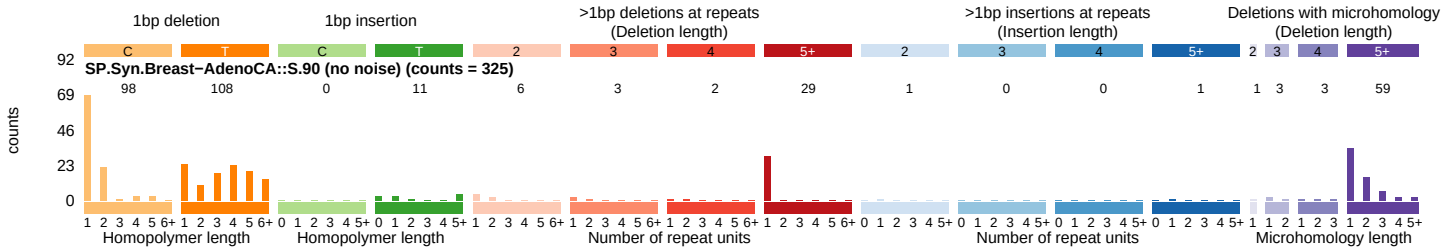
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.85 (no noise) (counts = 230)
counts
Homopolymer length
Number of repeat units
Microhomology length

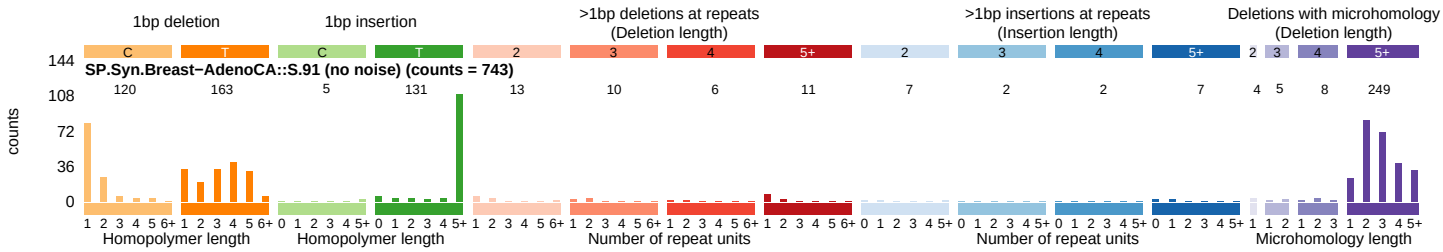

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.86 (no noise) (counts = 489)
counts
Homopolymer length
Number of repeat units
Microhomology length

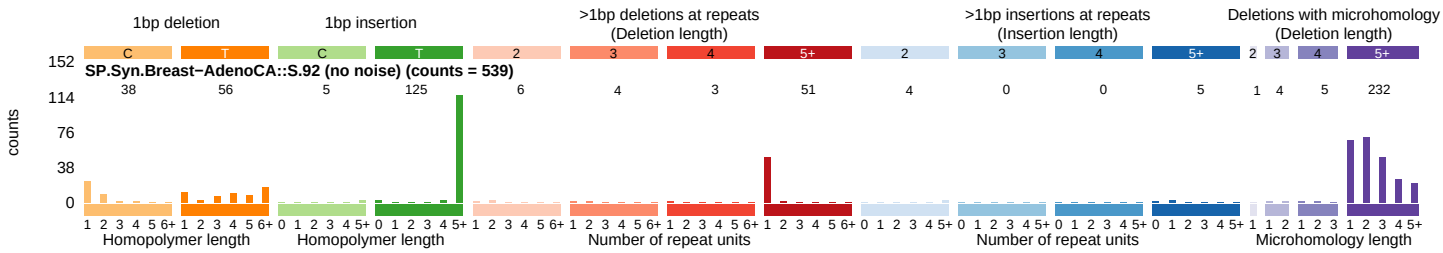

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.87 (no noise) (counts = 211)
counts
Homopolymer length
Number of repeat units
Microhomology length

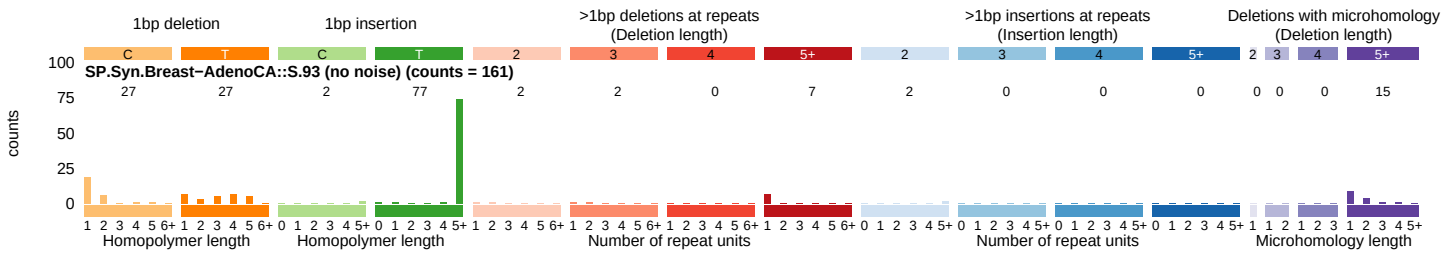

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.88 (no noise) (counts = 255)
counts
Homopolymer length
Number of repeat units
Microhomology length

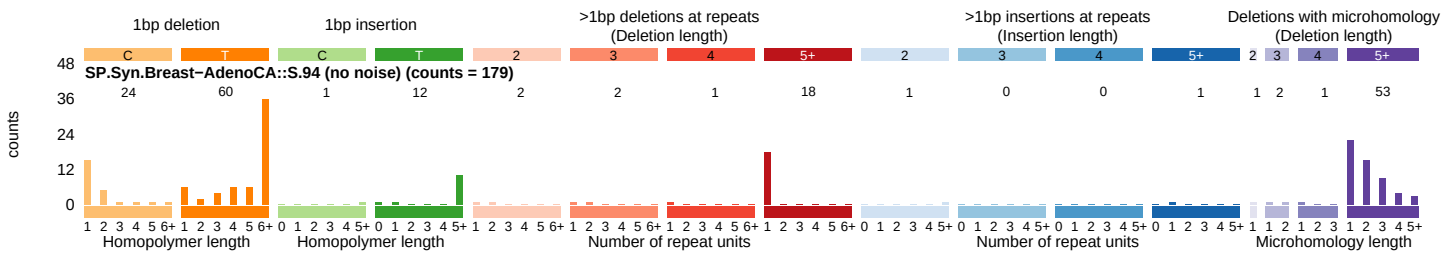

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.89 (no noise) (counts = 319)
28 51 3 113 4 3 2 35 3 0 0 2 1 2 1 71
counts
Homopolymer length
Number of repeat units
Microhomology length

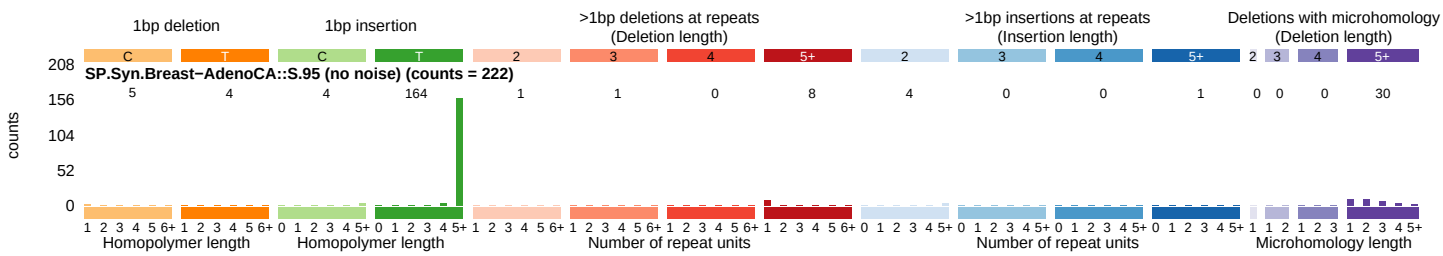

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.90 (no noise) (counts = 325)
98 108 0 11 6 3 2 29 1 0 0 1 1 3 3 59
counts
Homopolymer length
Number of repeat units
Microhomology length

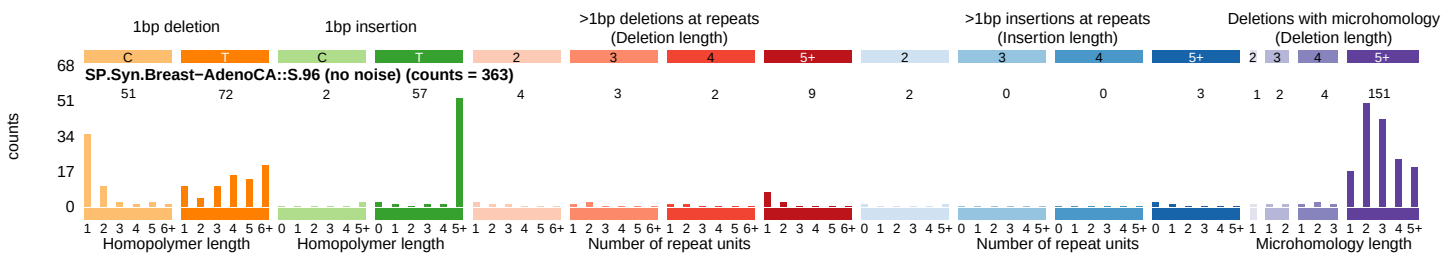

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.91 (no noise) (counts = 743)
120 163 5 131 13 10 6 11 7 2 2 7 4 5 8 249
counts
Homopolymer length
Number of repeat units
Microhomology length

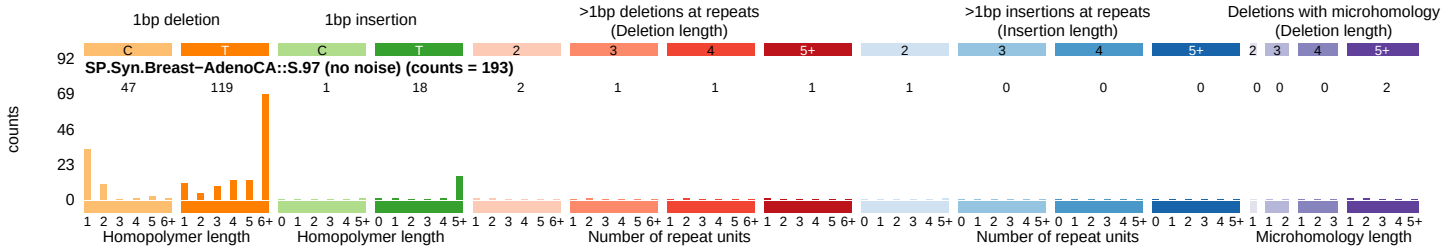

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.92 (no noise) (counts = 539)
38 56 5 125 6 4 3 51 4 0 0 5 1 4 5 232
counts
Homopolymer length
Number of repeat units
Microhomology length

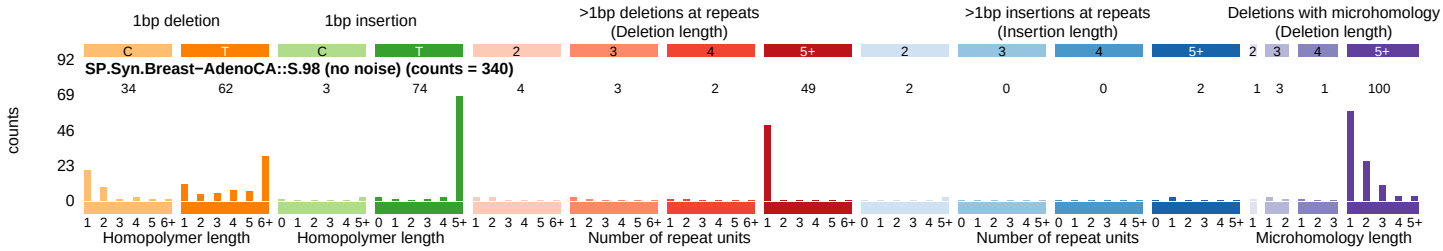

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.93 (no noise) (counts = 161)
27 27 2 77 2 2 0 7 2 0 0 0 0 0 0 15
counts
Homopolymer length
Number of repeat units
Microhomology length

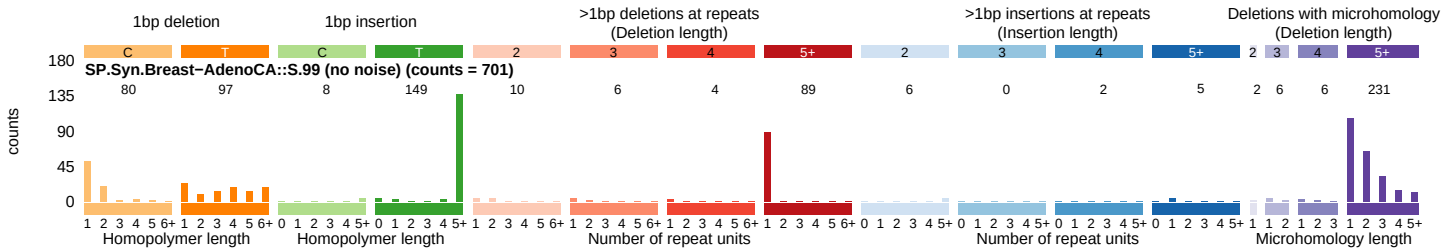

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.94 (no noise) (counts = 179)
24 60 1 12 2 2 1 18 1 0 0 1 1 2 1 53
counts
Homopolymer length
Number of repeat units
Microhomology length

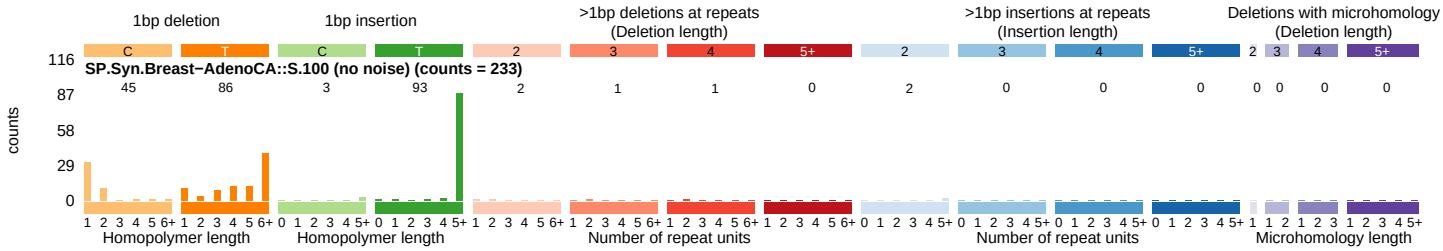

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.95 (no noise) (counts = 222)
5 4 4 164 1 1 0 8 4 0 0 1 0 0 0 30
counts
Homopolymer length
Number of repeat units
Microhomology length

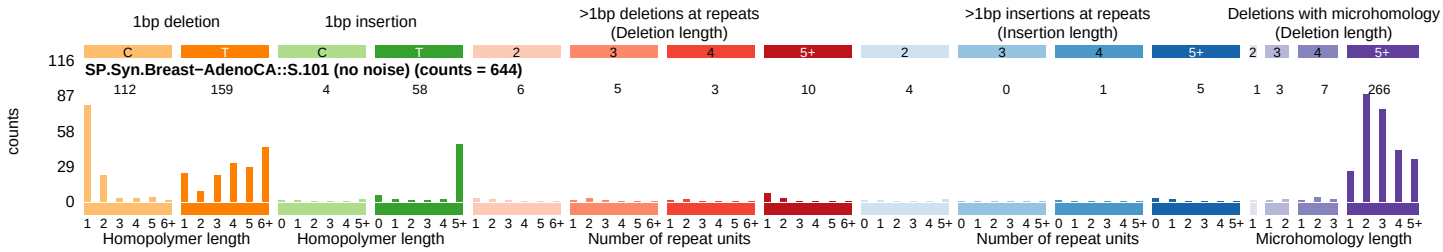

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.96 (no noise) (counts = 363)
51 72 2 57 4 3 2 9 2 0 0 3 1 2 4 151
counts
Homopolymer length
Number of repeat units
Microhomology length

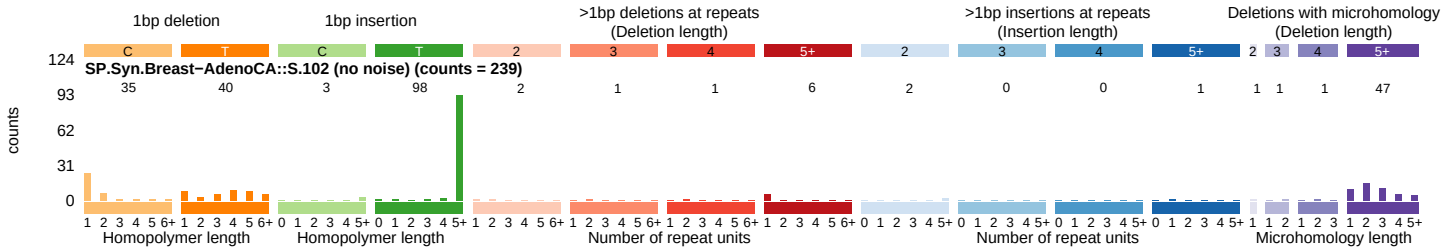

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.97 (no noise) (counts = 193)
counts
Homopolymer length
Number of repeat units
Microhomology length

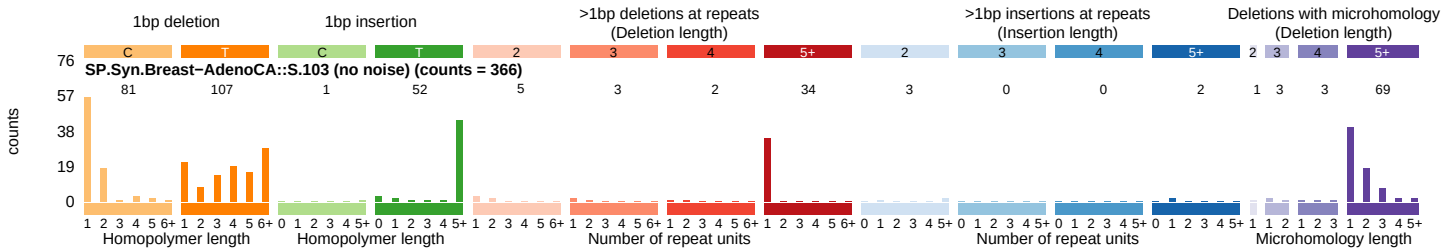

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.98 (no noise) (counts = 340)
counts
Homopolymer length
Number of repeat units
Microhomology length

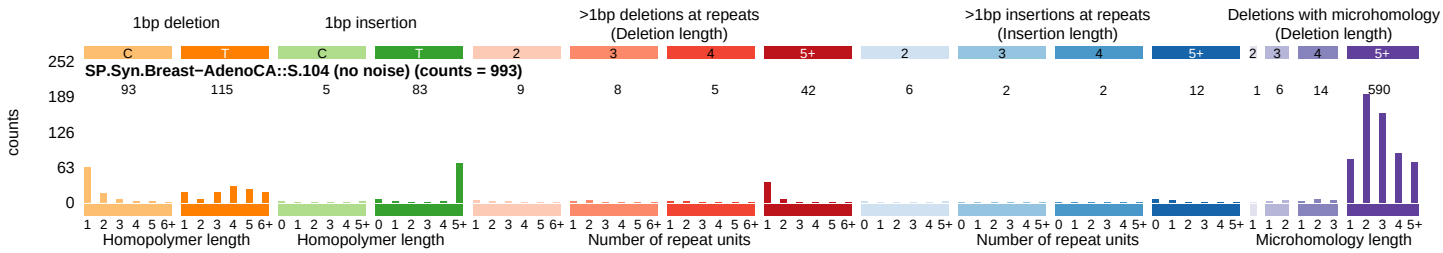

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.99 (no noise) (counts = 701)
counts
Homopolymer length
Number of repeat units
Microhomology length

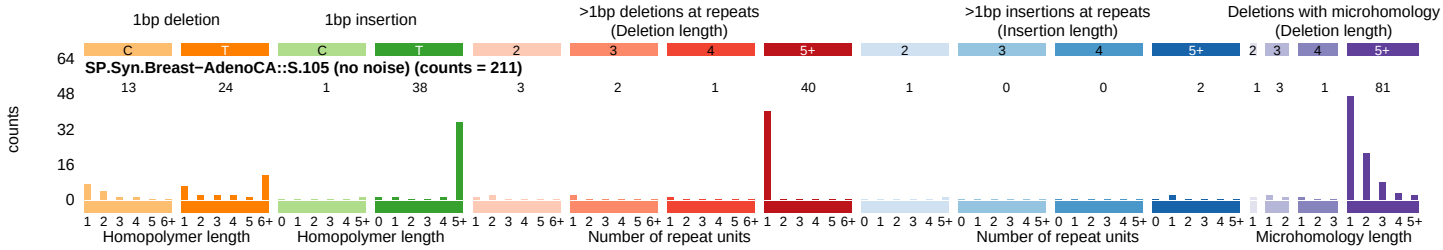

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.100 (no noise) (counts = 233)
counts
Homopolymer length
Number of repeat units
Microhomology length

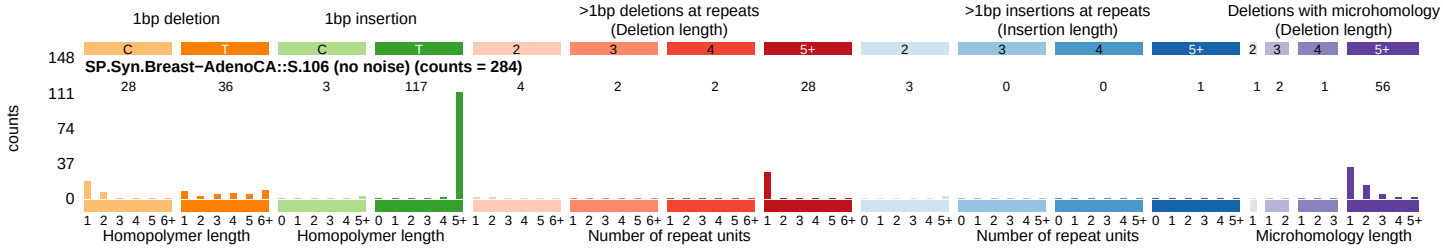

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.101 (no noise) (counts = 644)
counts
Homopolymer length
Number of repeat units
Microhomology length

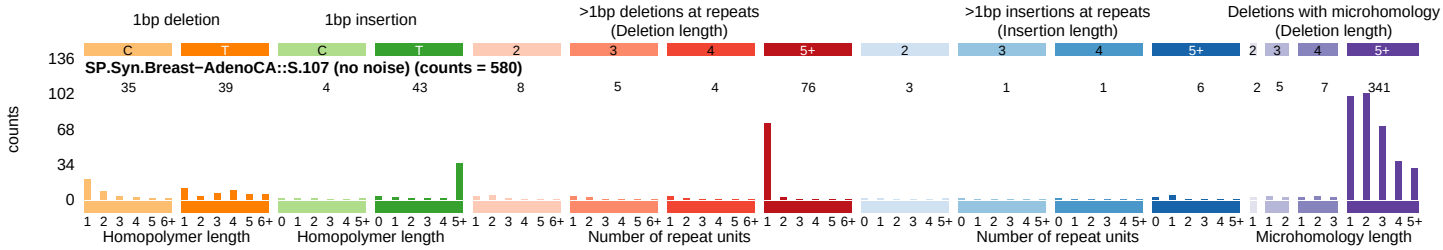

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.102 (no noise) (counts = 239)
counts
Homopolymer length
Number of repeat units
Microhomology length

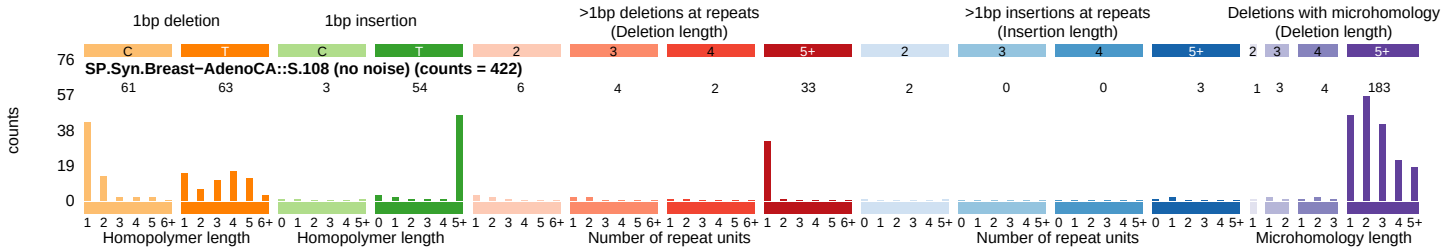

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.103 (no noise) (counts = 366)
counts
Homopolymer length
Number of repeat units
Microhomology length

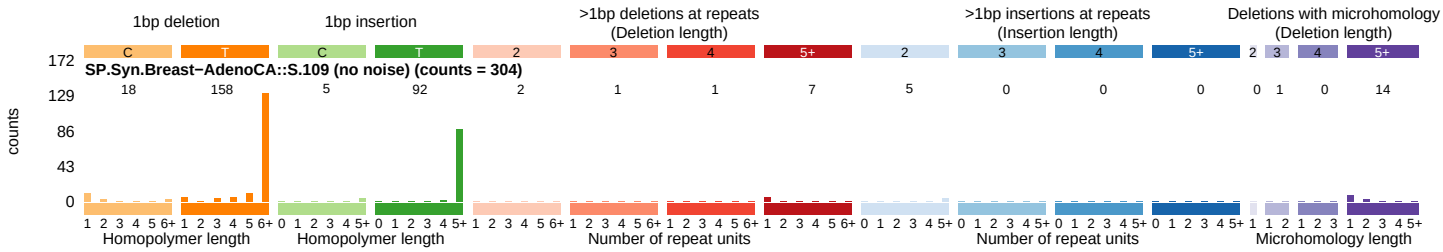

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.104 (no noise) (counts = 993)
counts
Homopolymer length
Number of repeat units
Microhomology length

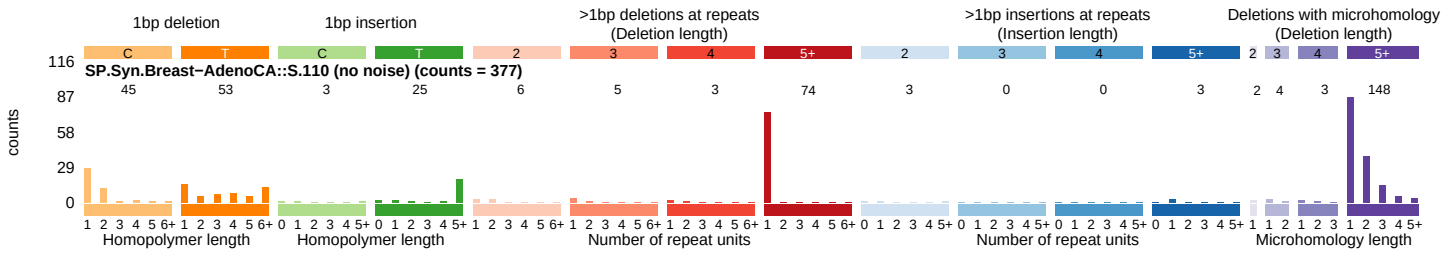

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.105 (no noise) (counts = 211)
13 24 1 38 3 2 1 40 1 0 0 2 1 3 1 81
counts
Homopolymer length
Number of repeat units
Microhomology length

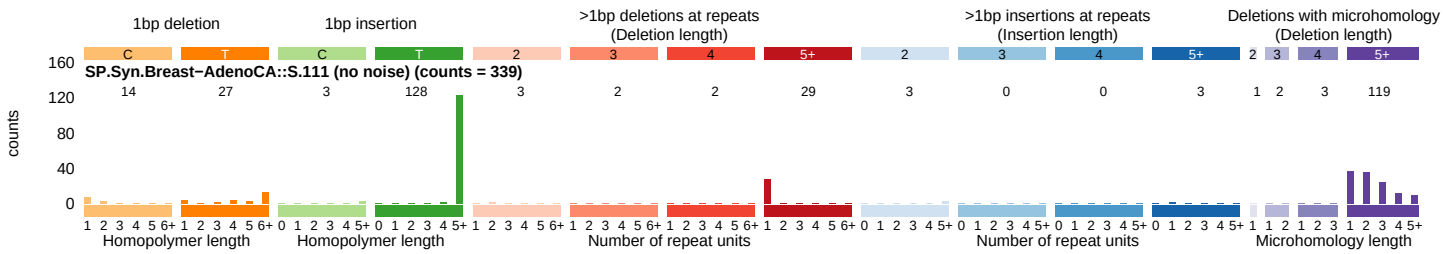

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.106 (no noise) (counts = 284)
28 36 3 117 4 2 2 28 3 0 0 1 1 2 1 56
counts
Homopolymer length
Number of repeat units
Microhomology length

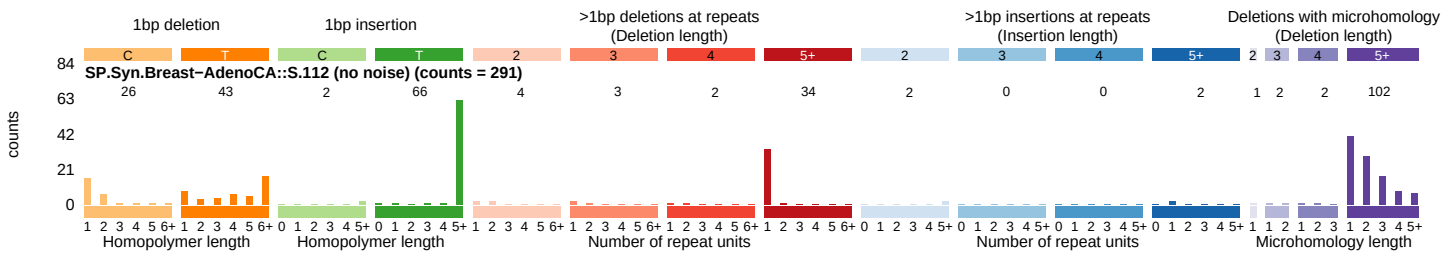

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.107 (no noise) (counts = 580)
35 39 4 43 8 5 4 76 3 1 1 6 2 5 7 341
counts
Homopolymer length
Number of repeat units
Microhomology length

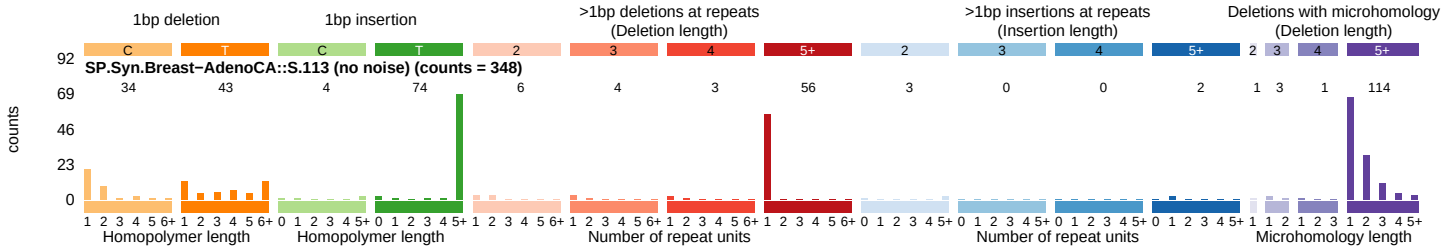

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.108 (no noise) (counts = 422)
61 63 3 54 6 4 2 33 2 0 0 3 1 3 4 183
counts
Homopolymer length
Number of repeat units
Microhomology length

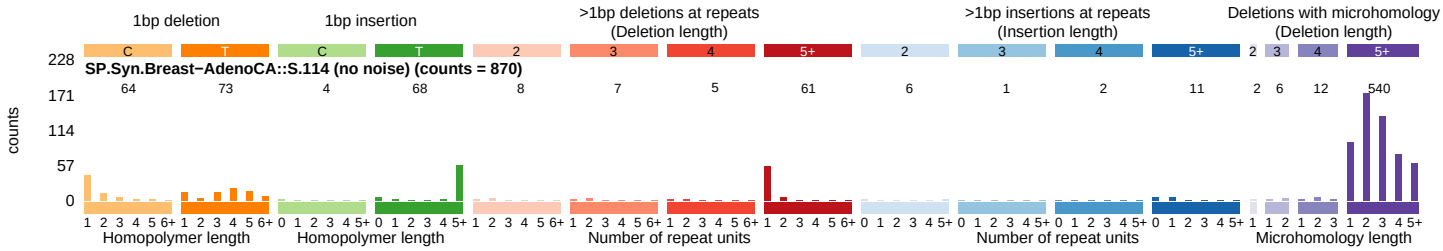

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.109 (no noise) (counts = 304)
18 158 5 92 2 1 1 7 5 0 0 0 0 1 0 14
counts
Homopolymer length
Number of repeat units
Microhomology length

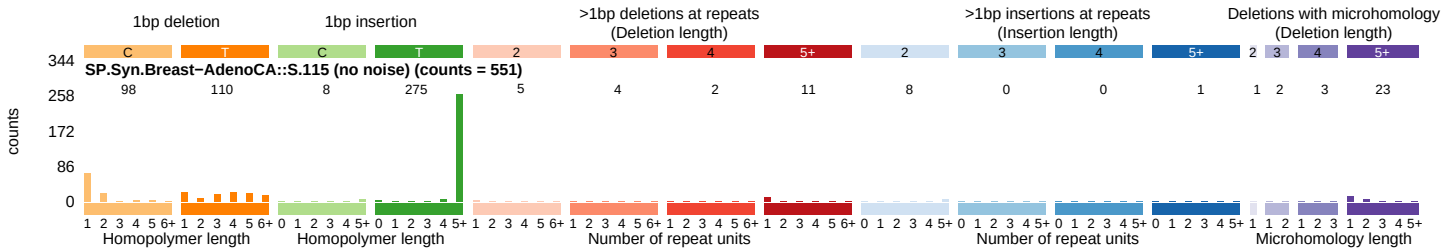

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.110 (no noise) (counts = 377)
45 53 3 25 6 5 3 74 3 0 0 3 2 4 3 148
counts
Homopolymer length
Number of repeat units
Microhomology length

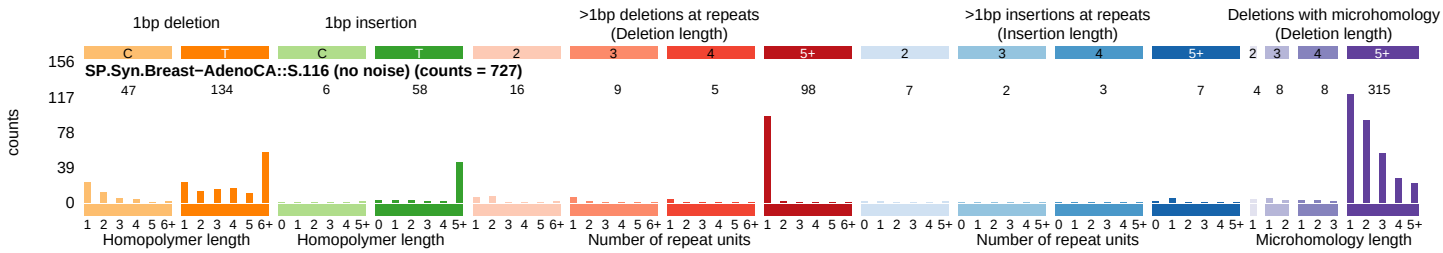

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.111 (no noise) (counts = 339)
14 27 3 128 3 2 2 29 3 0 0 3 1 2 3 119
counts
Homopolymer length
Number of repeat units
Microhomology length

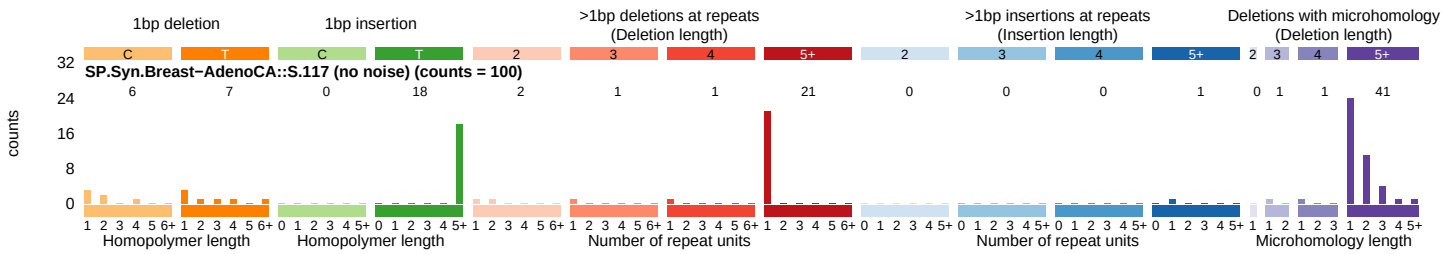

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.112 (no noise) (counts = 291)
26 43 2 66 4 3 2 34 2 0 0 2 1 2 2 102
counts
Homopolymer length
Number of repeat units
Microhomology length

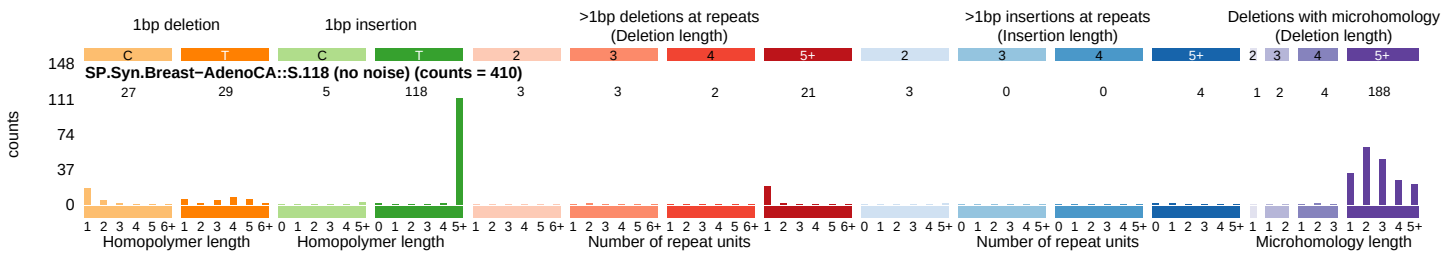

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.113 (no noise) (counts = 348)
counts
Homopolymer length
Number of repeat units
Microhomology length

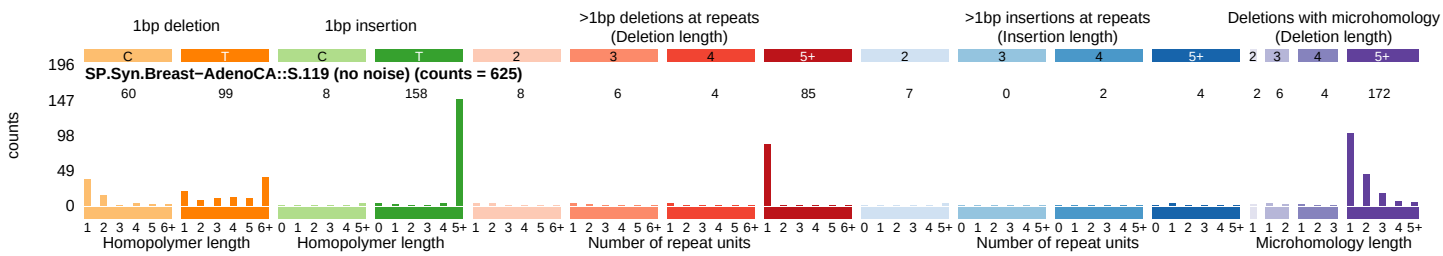

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.114 (no noise) (counts = 870)
counts
Homopolymer length
Number of repeat units
Microhomology length

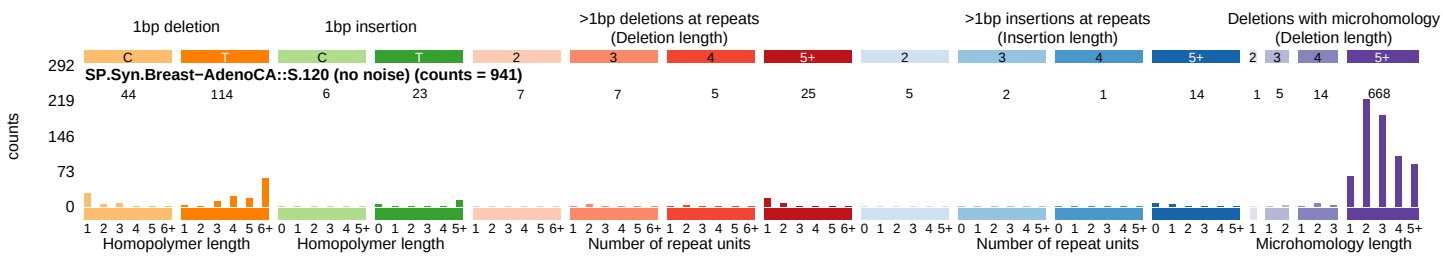

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.115 (no noise) (counts = 551)
counts
Homopolymer length
Number of repeat units
Microhomology length

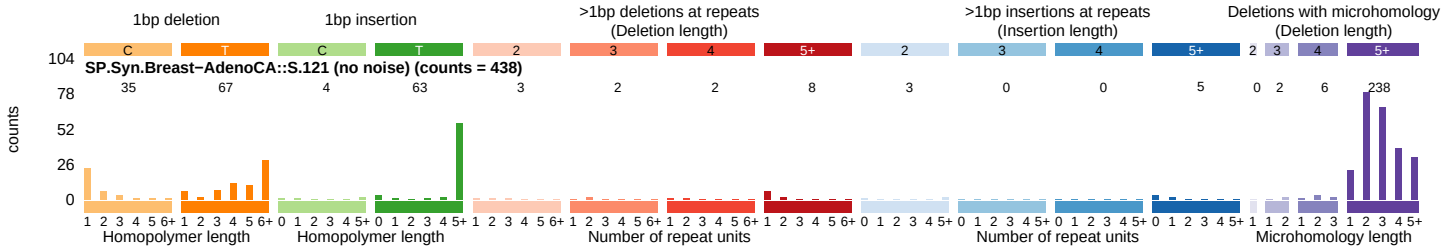

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.116 (no noise) (counts = 727)
counts
Homopolymer length
Number of repeat units
Microhomology length

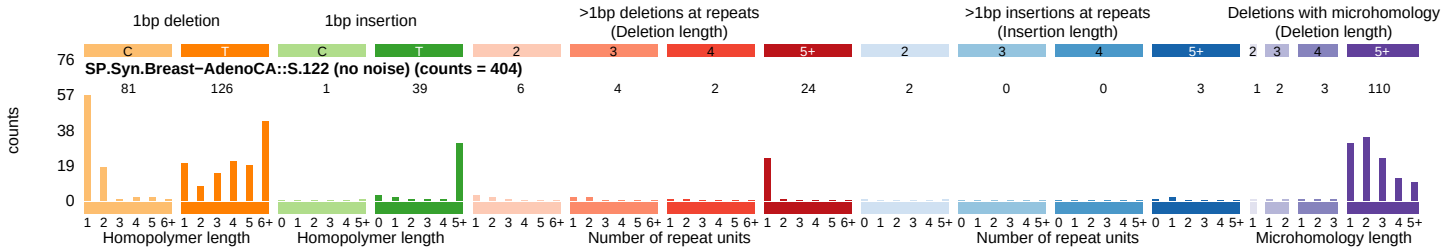

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.117 (no noise) (counts = 100)
counts
Homopolymer length
Number of repeat units
Microhomology length

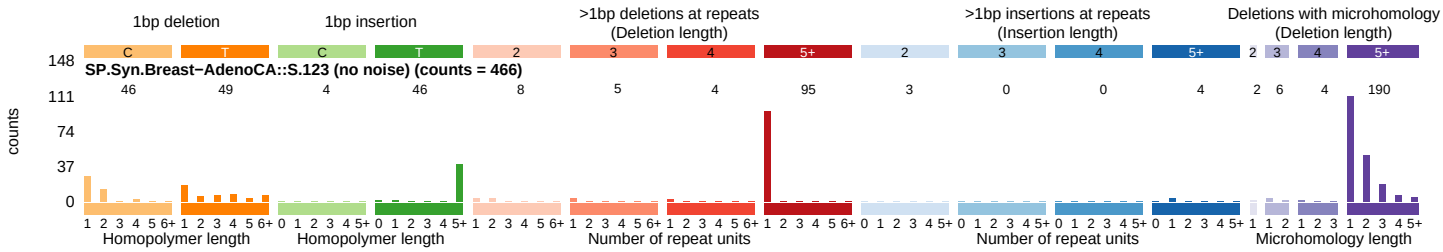

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.118 (no noise) (counts = 410)
counts
Homopolymer length
Number of repeat units
Microhomology length

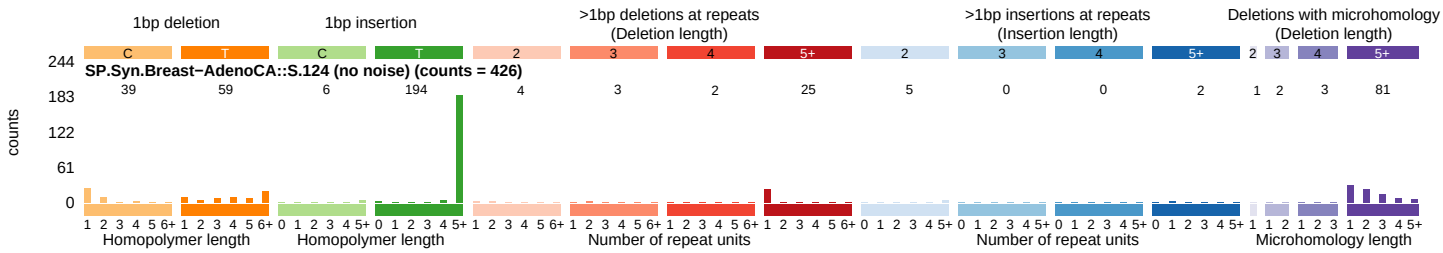

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.119 (no noise) (counts = 625)
counts
Homopolymer length
Number of repeat units
Microhomology length

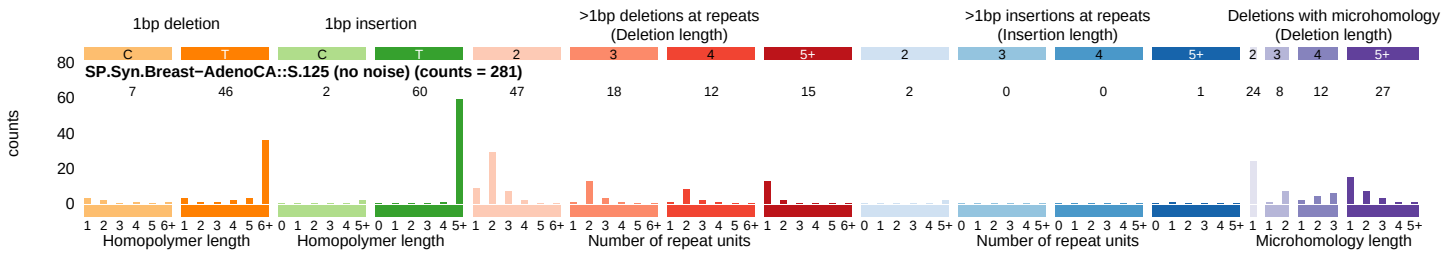

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.120 (no noise) (counts = 941)
counts
Homopolymer length
Number of repeat units
Microhomology length

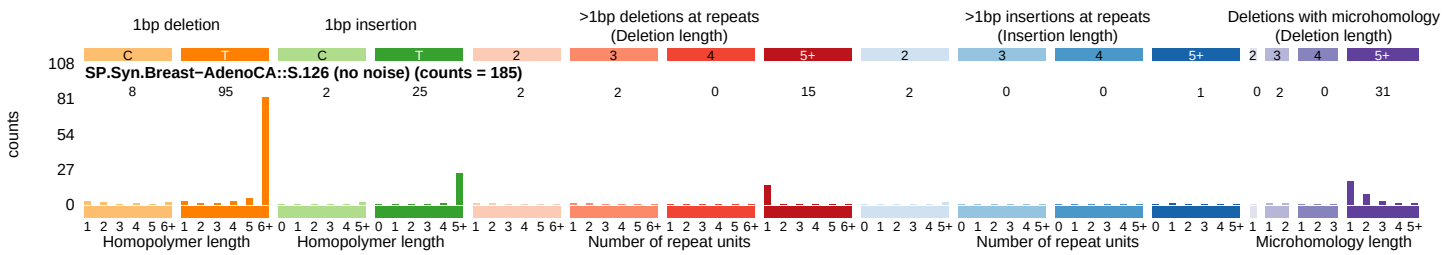

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.121 (no noise) (counts = 438)
counts
Homopolymer length
Number of repeat units
Microhomology length

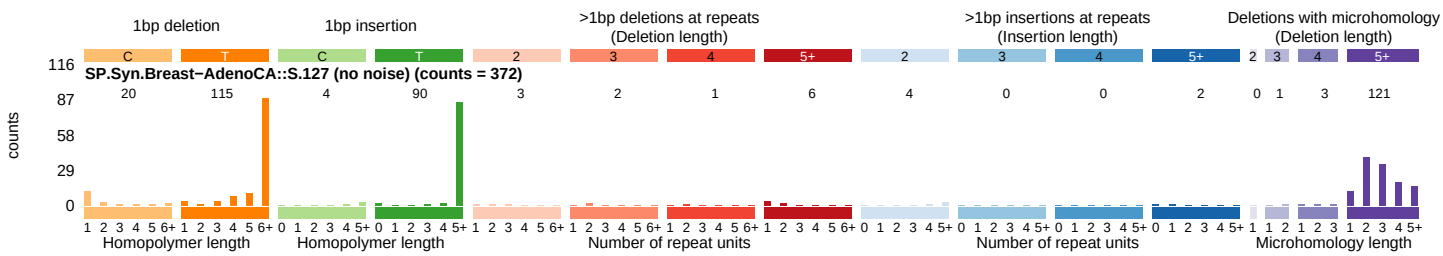

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.122 (no noise) (counts = 404)
counts
Homopolymer length
Number of repeat units
Microhomology length

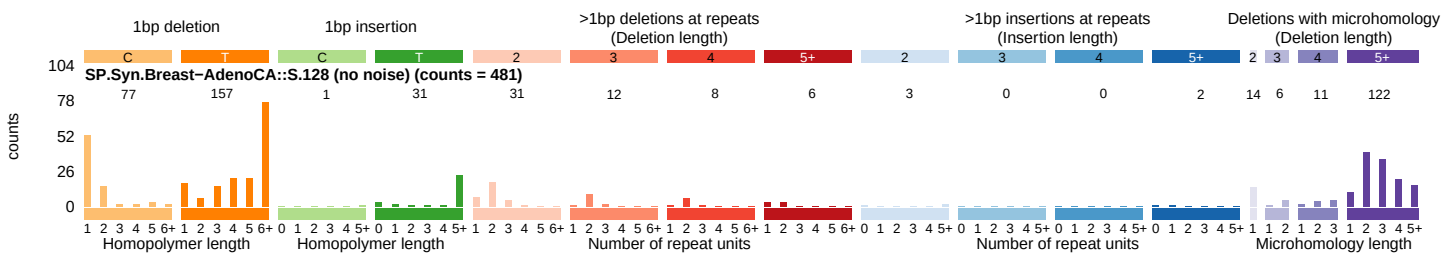

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.123 (no noise) (counts = 466)
counts
Homopolymer length
Number of repeat units
Microhomology length

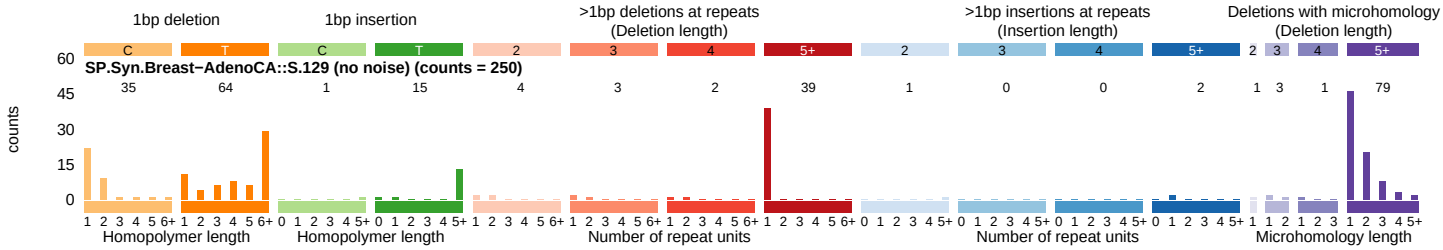

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.124 (no noise) (counts = 426)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.125 (no noise) (counts = 281)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.126 (no noise) (counts = 185)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.127 (no noise) (counts = 372)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.128 (no noise) (counts = 481)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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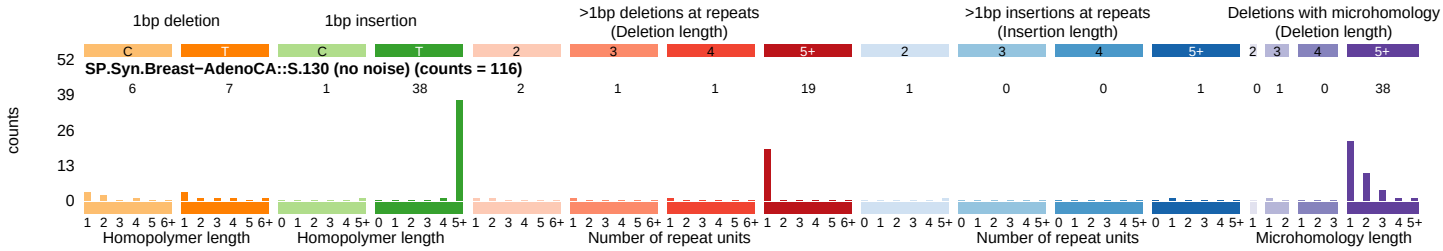
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.129 (no noise) (counts = 250)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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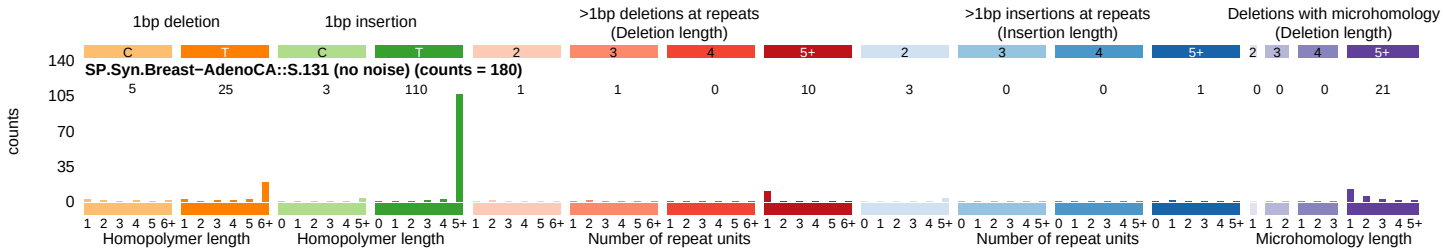
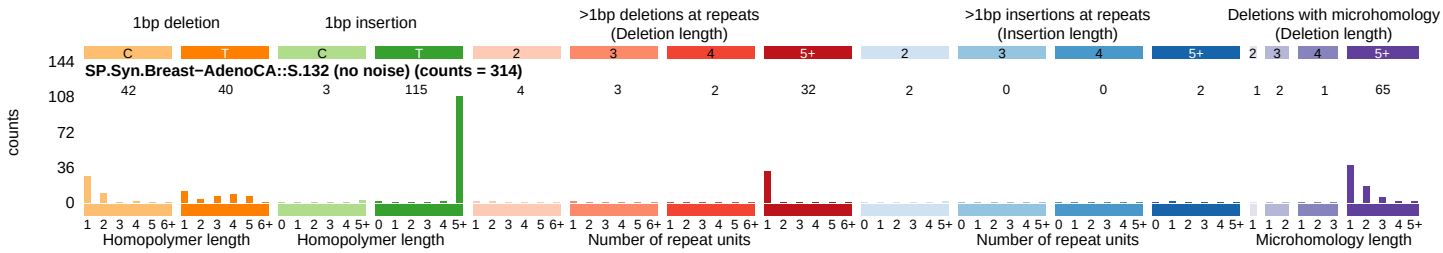
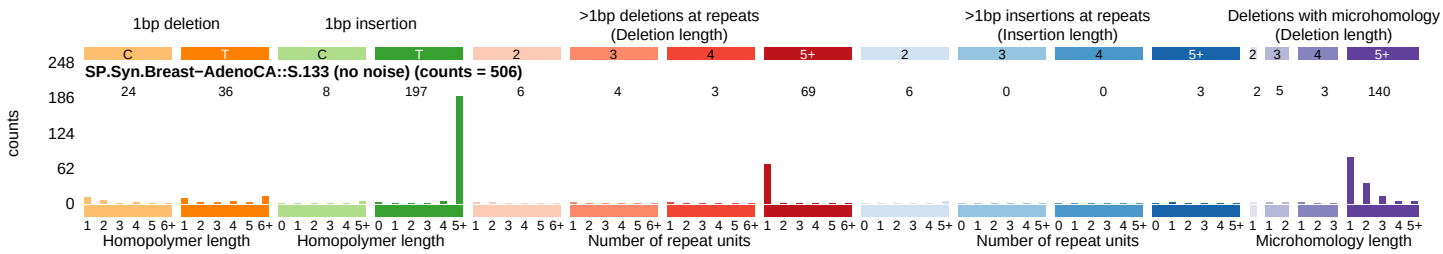
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.130 (no noise) (counts = 116)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.131 (no noise) (counts = 180)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.132 (no noise) (counts = 314)
counts
Homopolymer length
Number of repeat units
Microhomology length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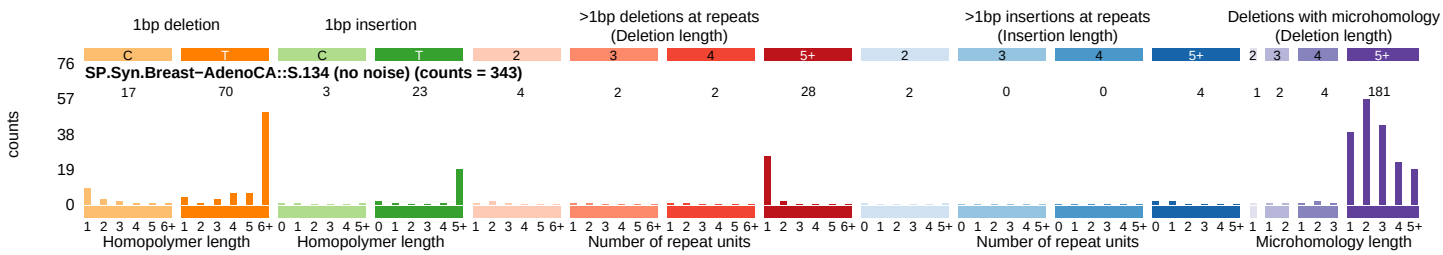
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.133 (no noise) (counts = 506)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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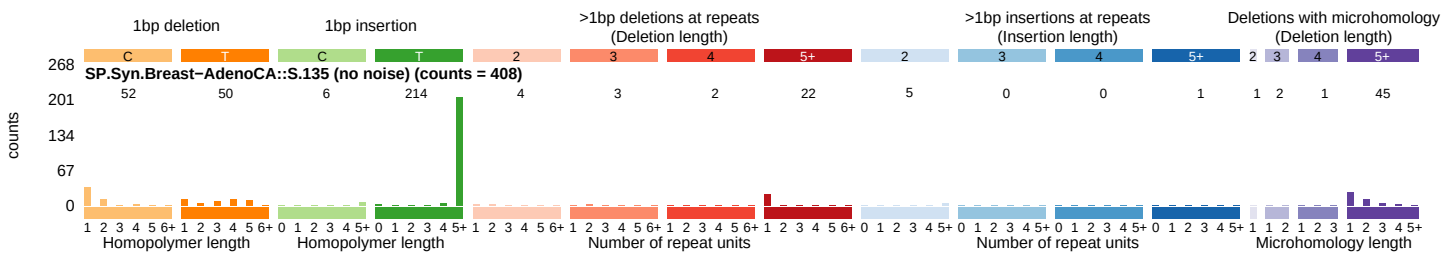
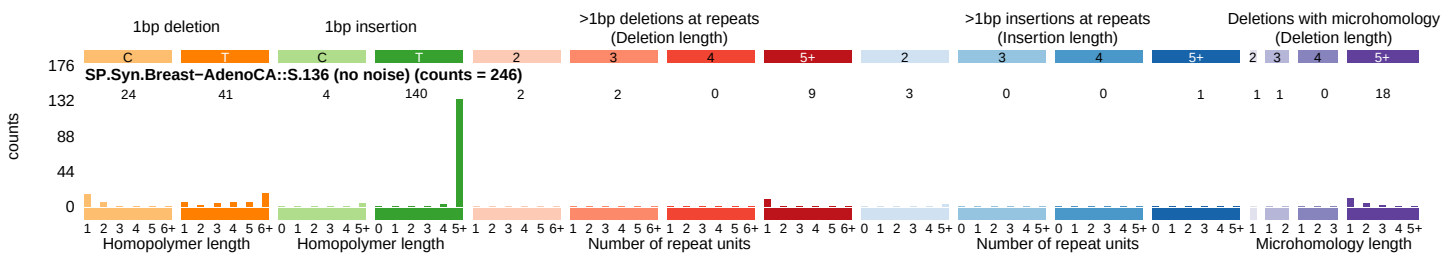
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.134 (no noise) (counts = 343)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.135 (no noise) (counts = 408)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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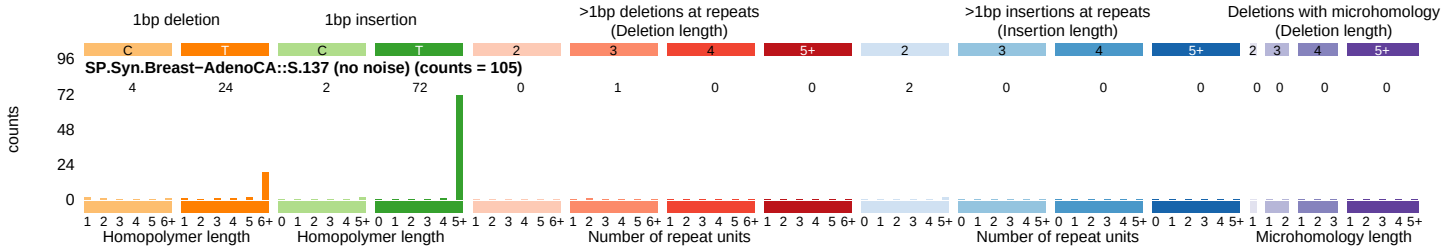
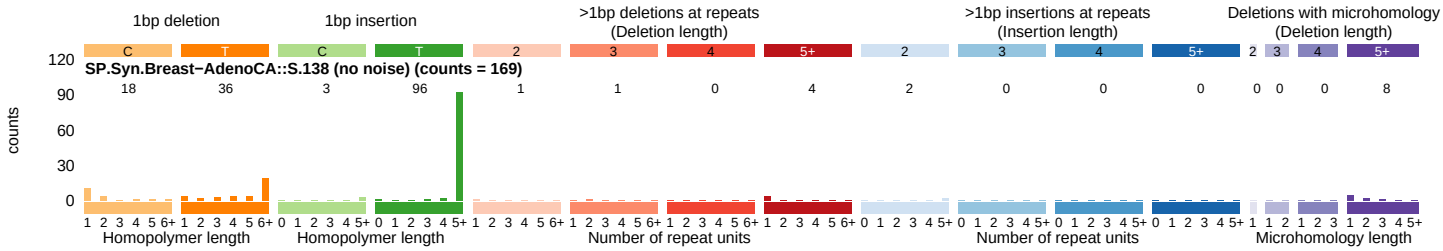
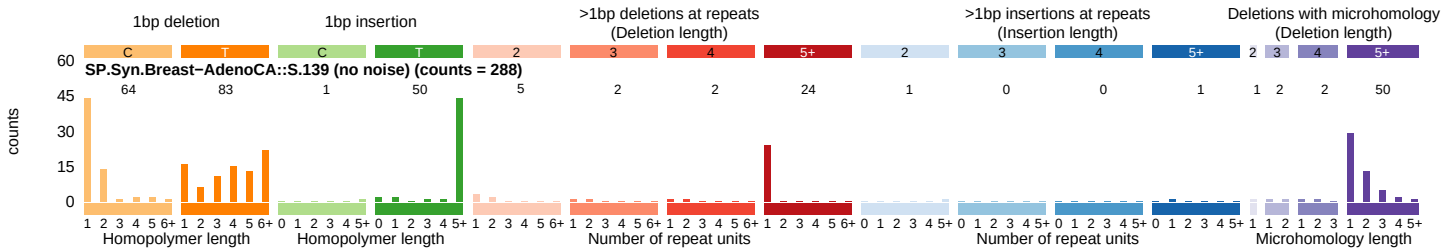
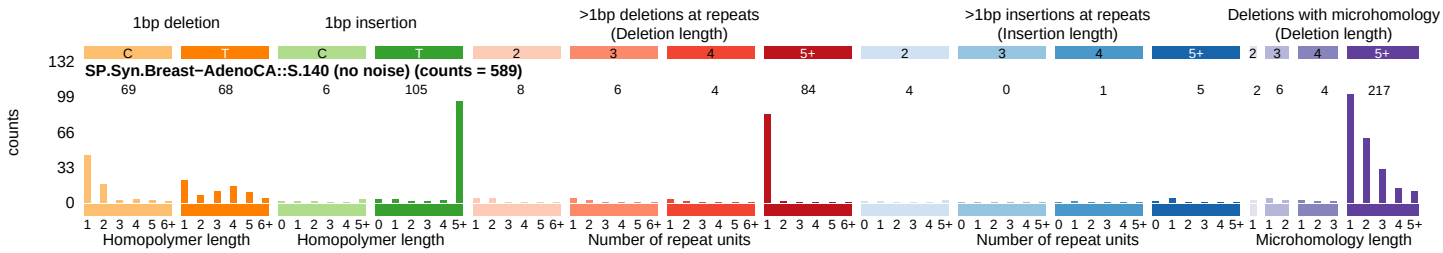
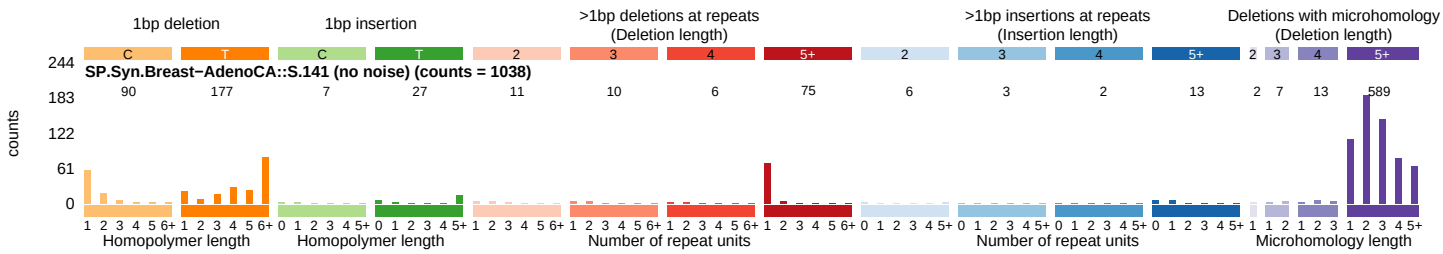
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.136 (no noise) (counts = 246)
counts
Homopolymer length
Number of repeat units
Microhomology length

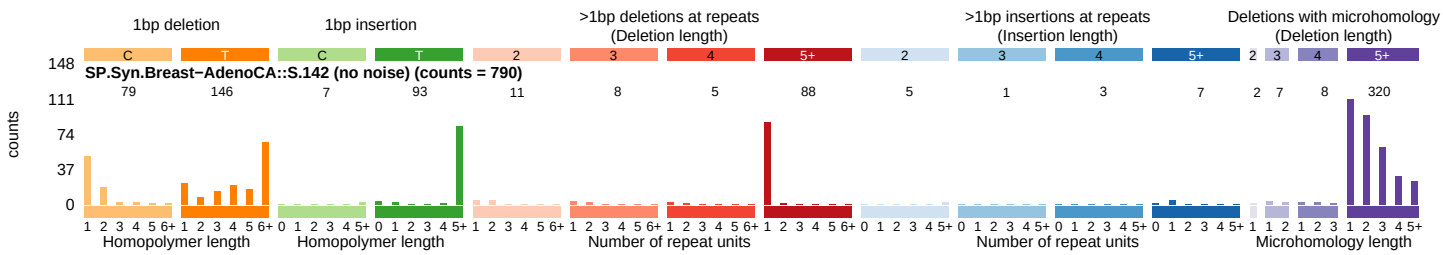

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.137 (no noise) (counts = 105)
4 24 2 72 0 1 0 0 2 0 0 0 0 0 0 0
counts
96 72 48 24 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

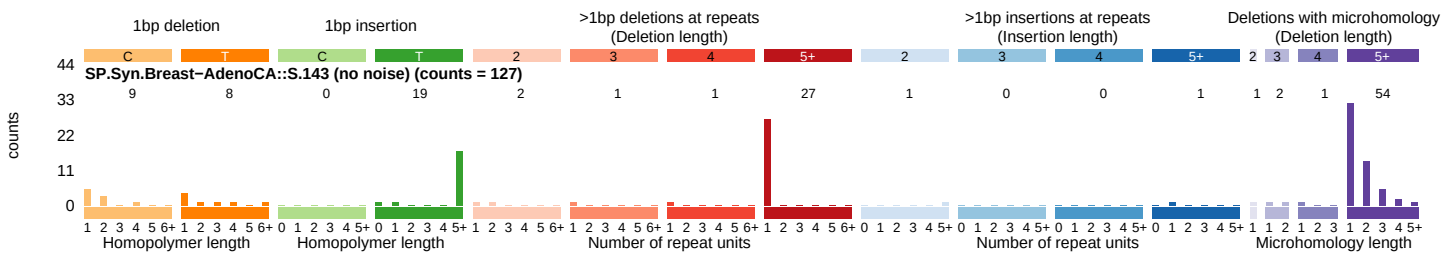

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.138 (no noise) (counts = 169)
18 36 3 96 1 1 0 4 2 0 0 0 0 0 0 8
counts
120 90 60 30 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

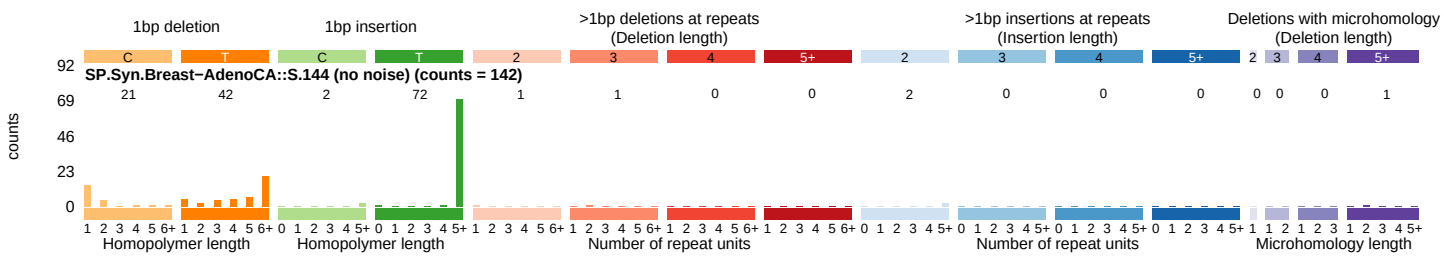

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.139 (no noise) (counts = 288)
64 83 1 50 5 2 2 24 1 0 0 1 1 2 2 50
counts
60 45 30 15 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

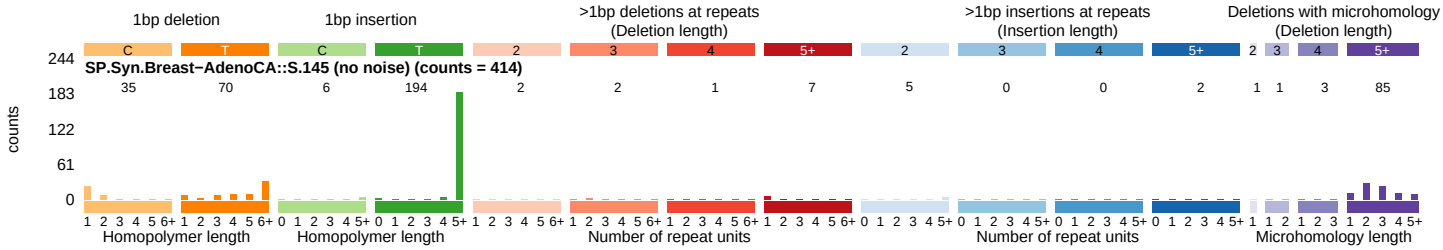

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.140 (no noise) (counts = 589)
69 68 6 105 8 6 4 84 4 0 1 5 2 6 4 217
counts
132 99 66 33 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

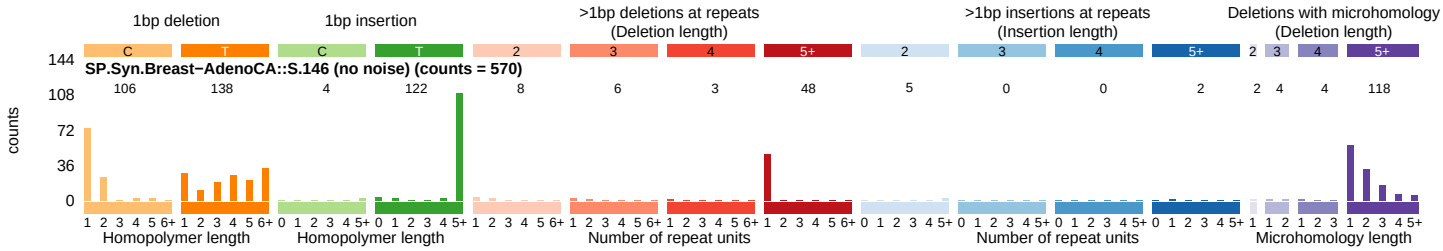

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.141 (no noise) (counts = 1038)
90 177 7 27 11 10 6 75 6 3 2 13 2 7 13 589
counts
244 183 122 61 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

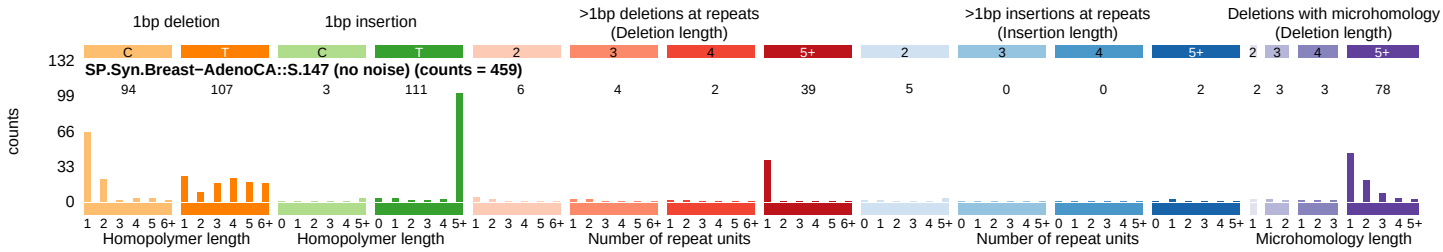

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.142 (no noise) (counts = 790)
79 146 7 93 11 8 5 88 5 1 3 7 2 7 8 320
counts
148 111 74 37 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

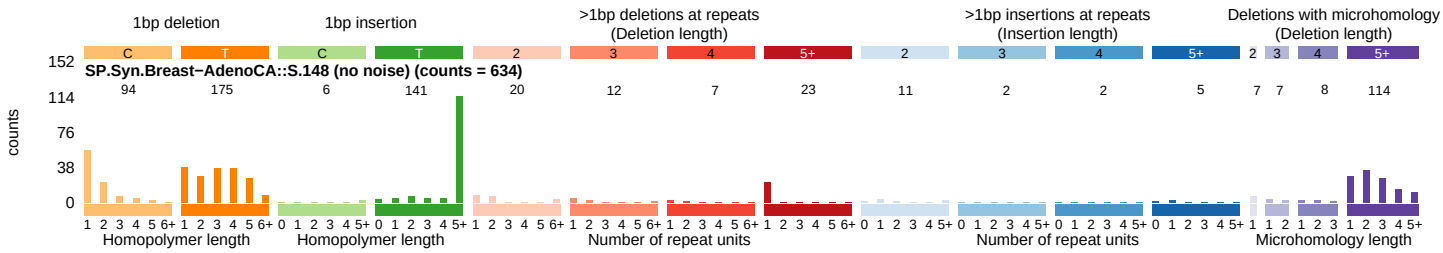

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.143 (no noise) (counts = 127)
9 8 0 19 2 1 1 27 1 0 0 1 1 2 1 54
counts
44 33 22 11 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

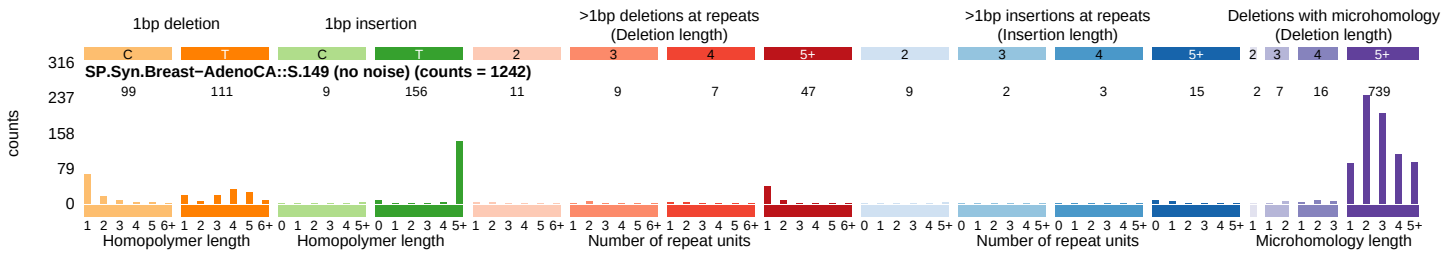

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.144 (no noise) (counts = 142)
21 42 2 72 1 1 0 0 2 0 0 0 0 0 0 1
counts
92 69 46 23 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

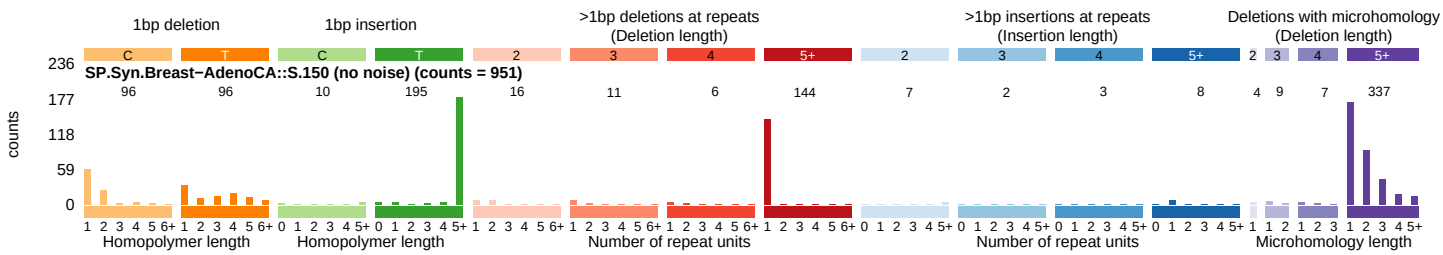

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.145 (no noise) (counts = 414)
35 70 6 194 2 2 1 7 5 0 0 2 1 1 3 85
counts
Homopolymer length
Number of repeat units
Microhomology length

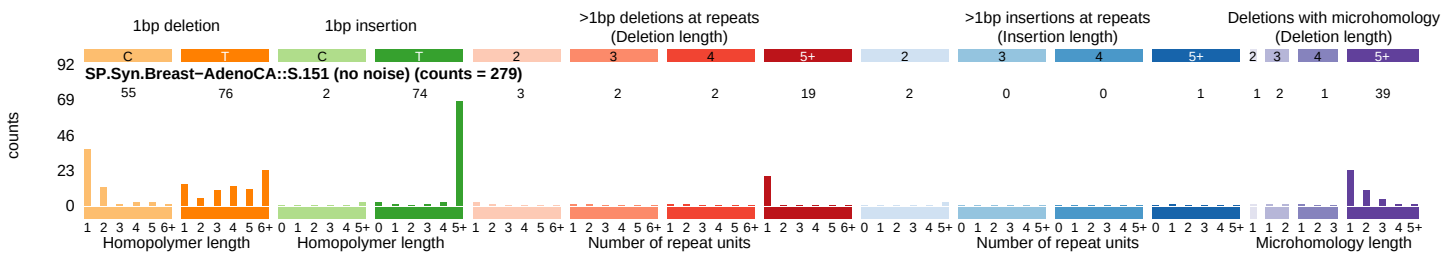

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.146 (no noise) (counts = 570)
106 138 4 122 8 6 3 48 5 0 0 2 2 4 4 118
counts
Homopolymer length
Number of repeat units
Microhomology length

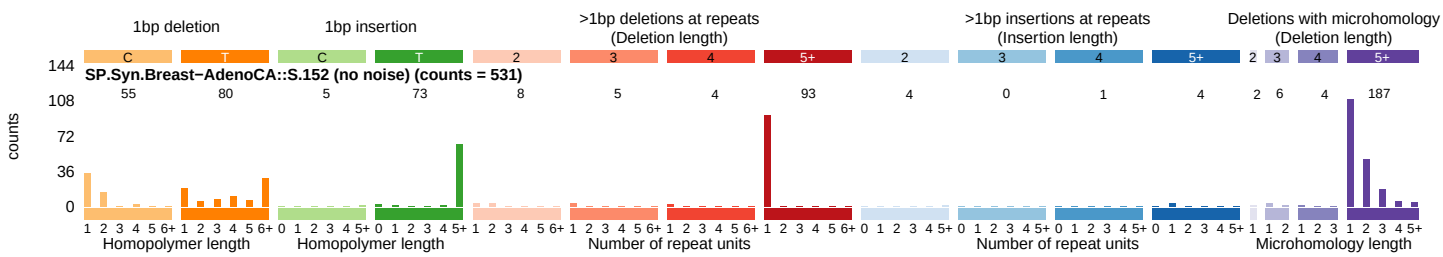

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.147 (no noise) (counts = 459)
94 107 3 111 6 4 2 39 5 0 0 2 2 3 3 78
counts
Homopolymer length
Number of repeat units
Microhomology length

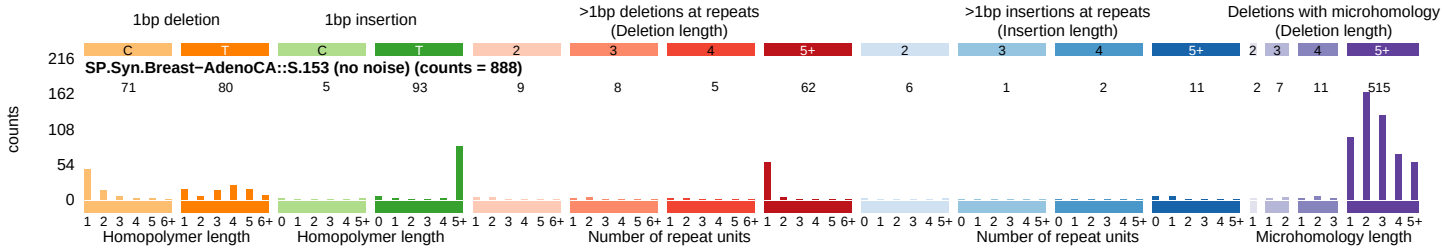

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.148 (no noise) (counts = 634)
94 175 6 141 20 12 7 23 11 2 2 5 7 7 8 114
counts
Homopolymer length
Number of repeat units
Microhomology length

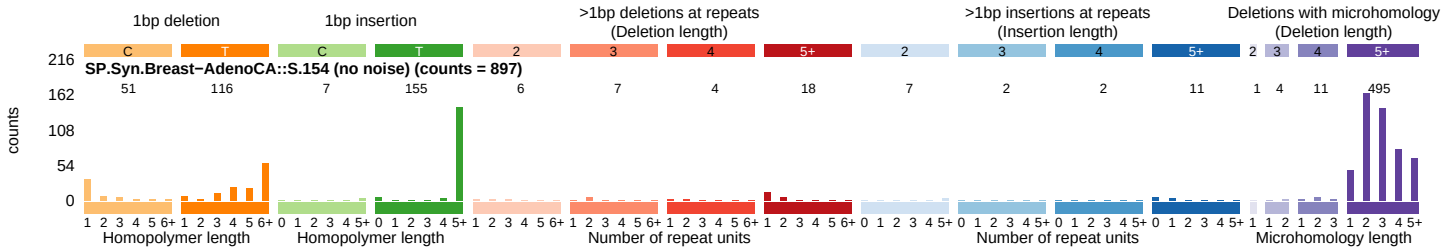

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.149 (no noise) (counts = 1242)
99 111 9 156 11 9 7 47 9 2 3 15 2 7 16 739
counts
Homopolymer length
Number of repeat units
Microhomology length

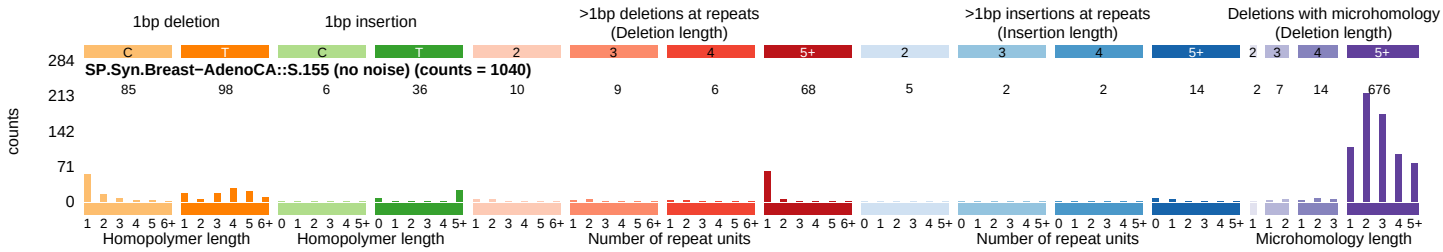

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.150 (no noise) (counts = 951)
96 96 10 195 16 11 6 144 7 2 3 8 4 9 7 337
counts
Homopolymer length
Number of repeat units
Microhomology length

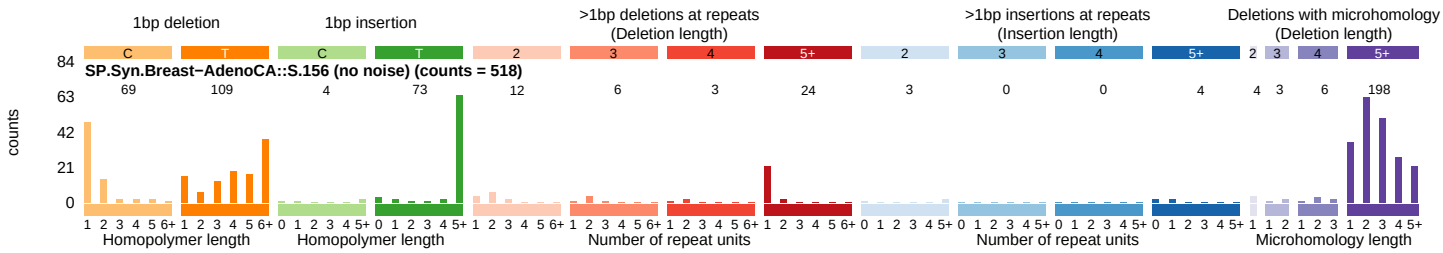

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.151 (no noise) (counts = 279)
55 76 2 74 3 2 2 19 2 0 0 1 1 2 1 39
counts
Homopolymer length
Number of repeat units
Microhomology length

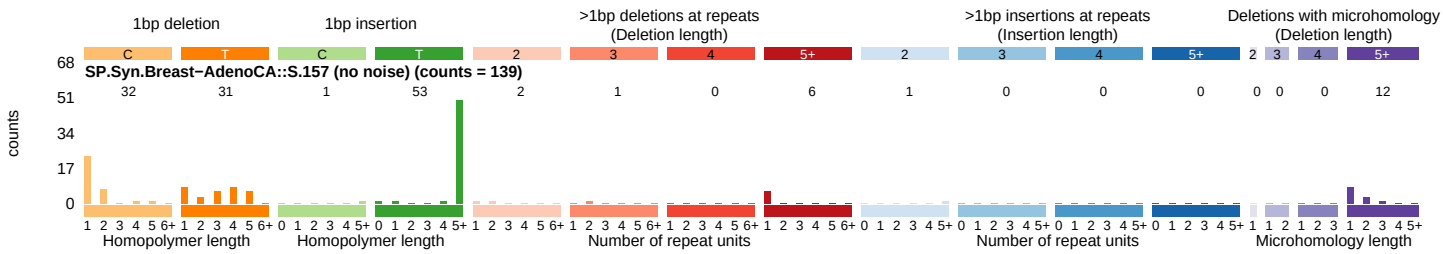

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.152 (no noise) (counts = 531)
55 80 5 73 8 5 4 93 4 0 1 4 2 6 4 187
counts
Homopolymer length
Number of repeat units
Microhomology length

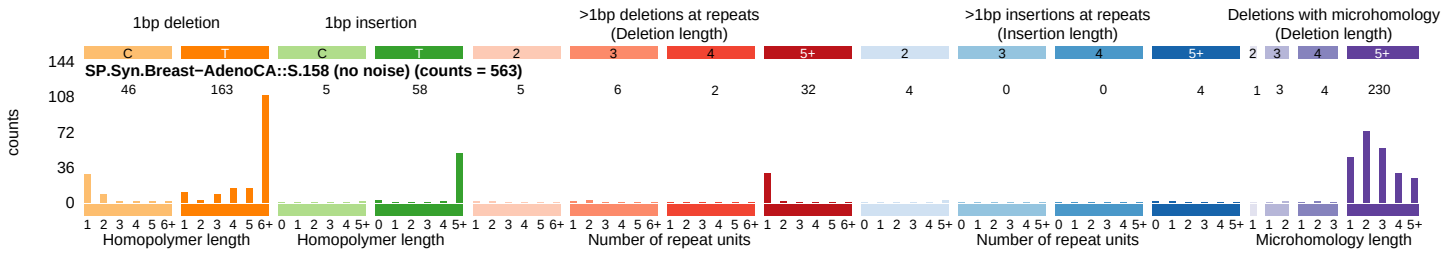

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.153 (no noise) (counts = 888)
counts
Homopolymer length
Number of repeat units
Microhomology length

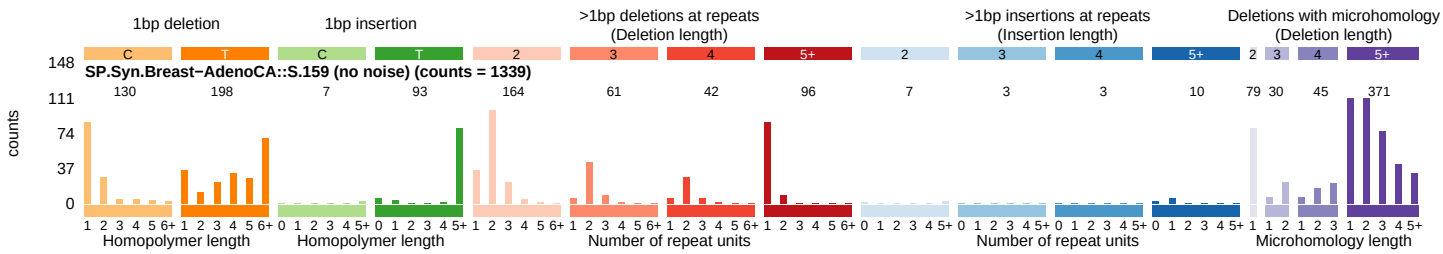

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.154 (no noise) (counts = 897)
counts
Homopolymer length
Number of repeat units
Microhomology length

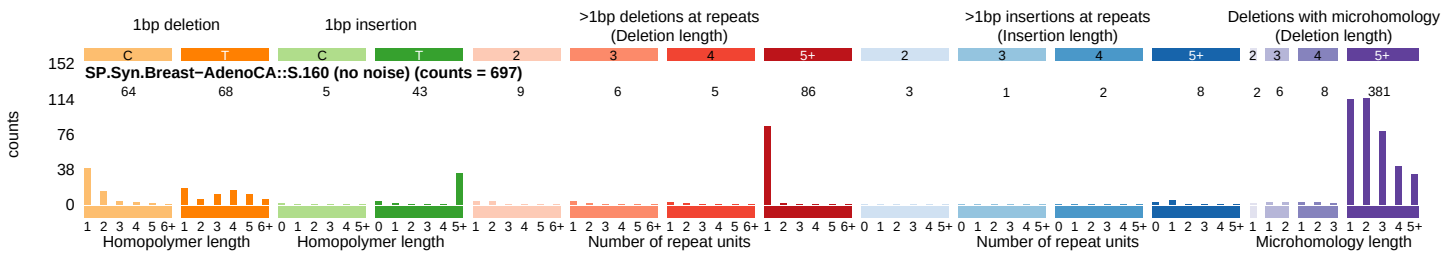

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.155 (no noise) (counts = 1040)
counts
Homopolymer length
Number of repeat units
Microhomology length

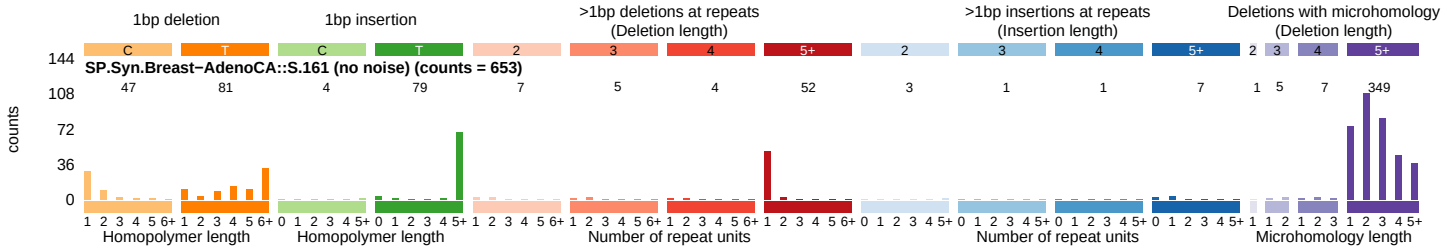

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.156 (no noise) (counts = 518)
counts
Homopolymer length
Number of repeat units
Microhomology length

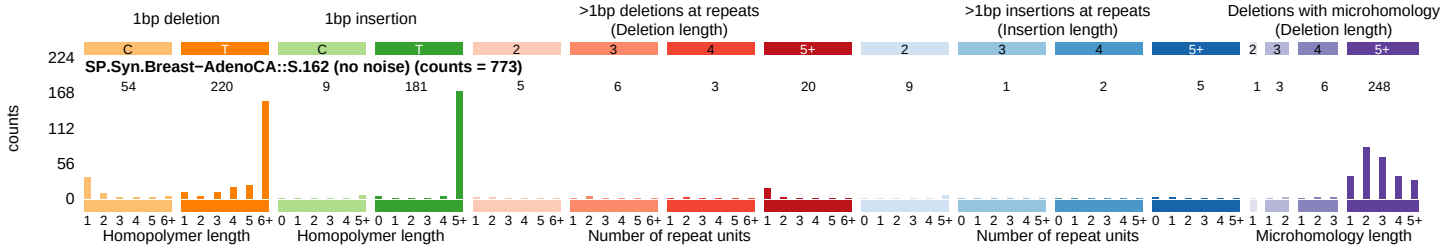

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.157 (no noise) (counts = 139)
counts
Homopolymer length
Number of repeat units
Microhomology length

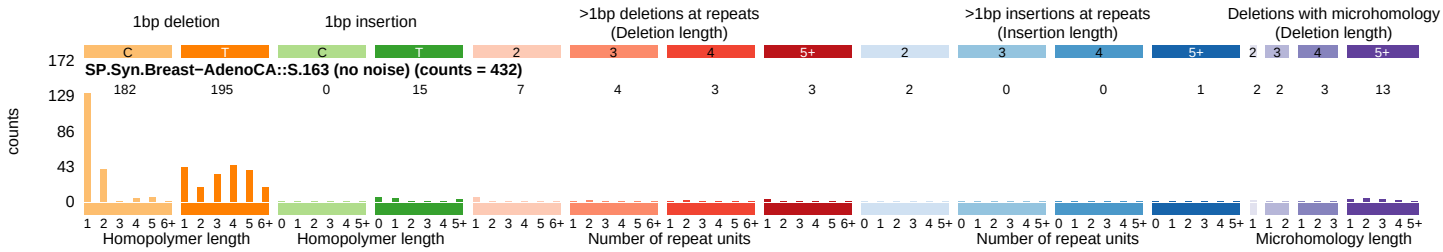

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.158 (no noise) (counts = 563)
counts
Homopolymer length
Number of repeat units
Microhomology length

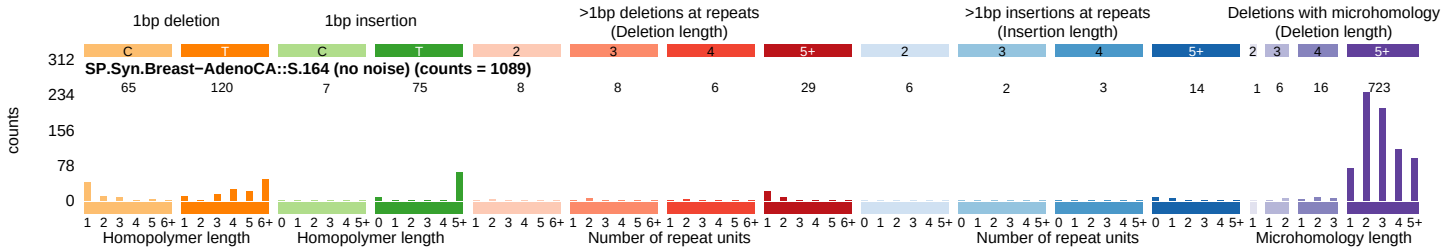

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.159 (no noise) (counts = 1339)
counts
Homopolymer length
Number of repeat units
Microhomology length

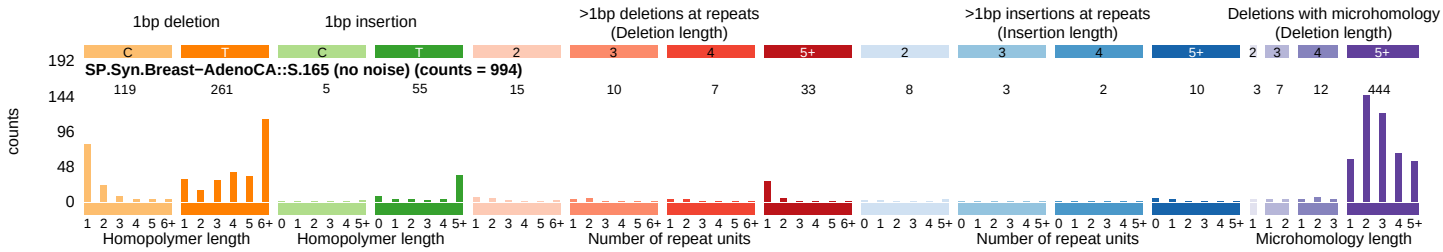

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.160 (no noise) (counts = 697)
counts
Homopolymer length
Number of repeat units
Microhomology length

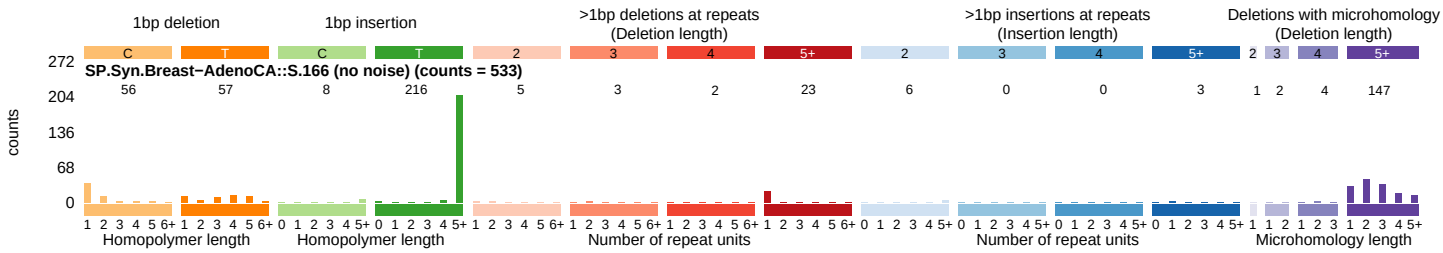

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.161 (no noise) (counts = 653)
counts
Homopolymer length
Number of repeat units
Microhomology length

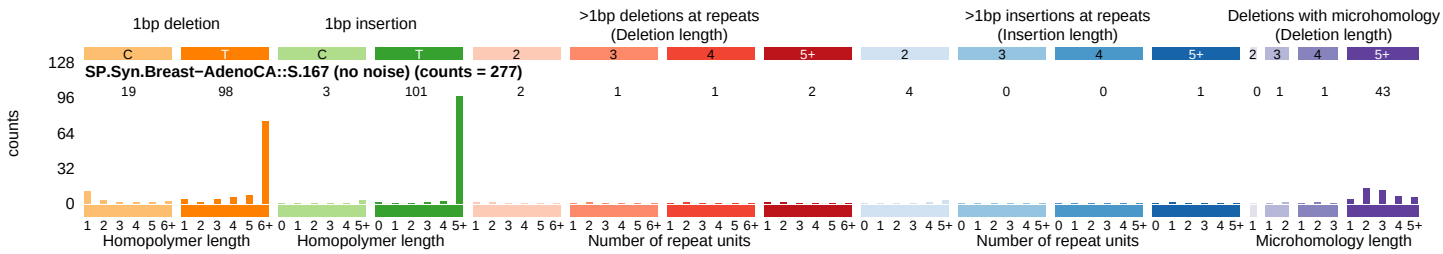

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.162 (no noise) (counts = 773)
counts
Homopolymer length
Number of repeat units
Microhomology length

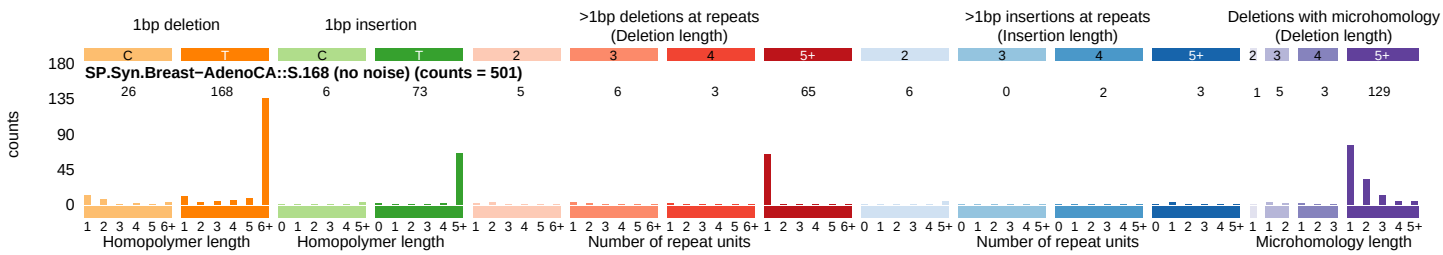

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.163 (no noise) (counts = 432)
counts
Homopolymer length
Number of repeat units
Microhomology length

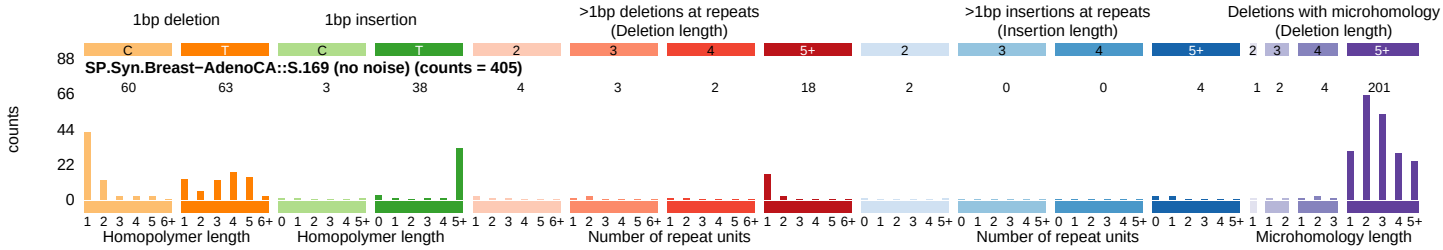

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.164 (no noise) (counts = 1089)
counts
Homopolymer length
Number of repeat units
Microhomology length

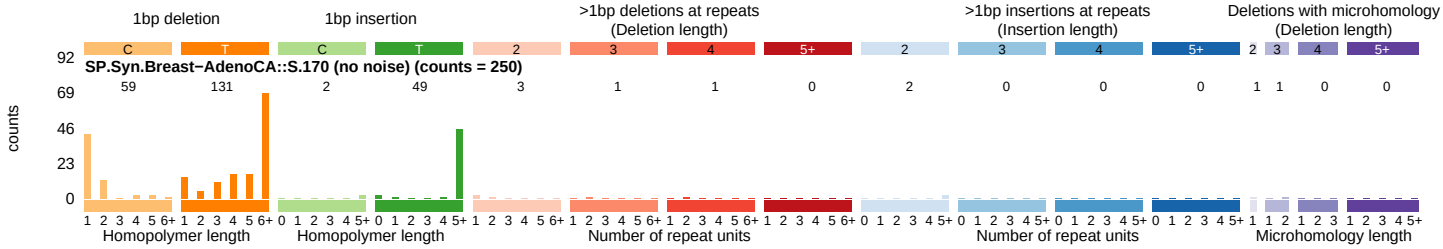

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.165 (no noise) (counts = 994)
counts
Homopolymer length
Number of repeat units
Microhomology length

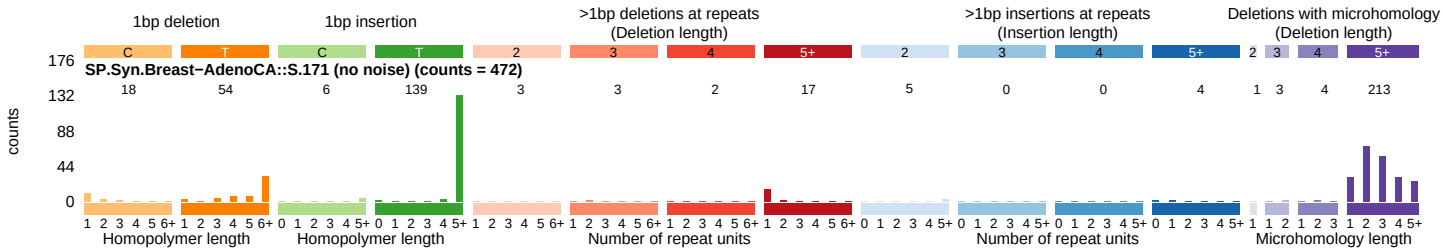

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.166 (no noise) (counts = 533)
counts
Homopolymer length
Number of repeat units
Microhomology length

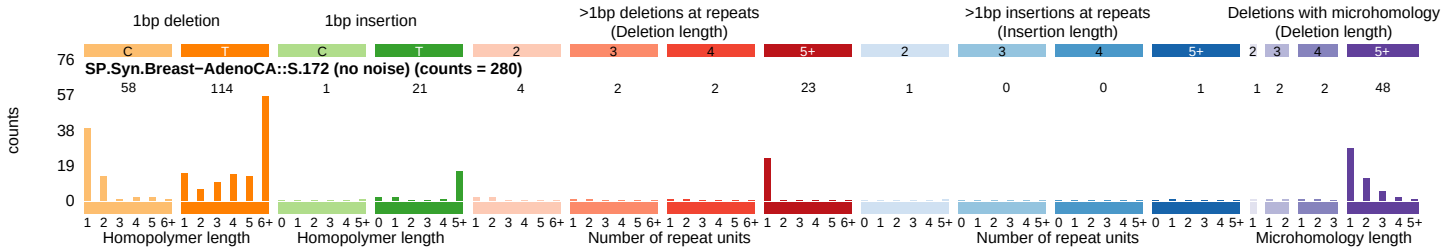

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.167 (no noise) (counts = 277)
counts
Homopolymer length
Number of repeat units
Microhomology length

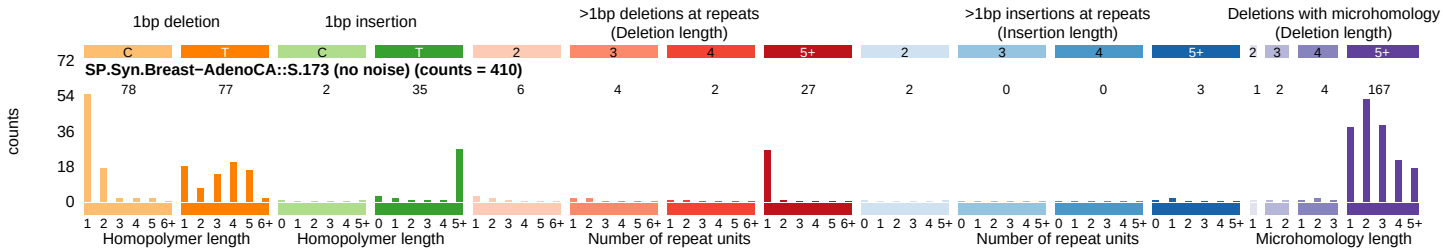

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.168 (no noise) (counts = 501)
counts
Homopolymer length
Number of repeat units
Microhomology length

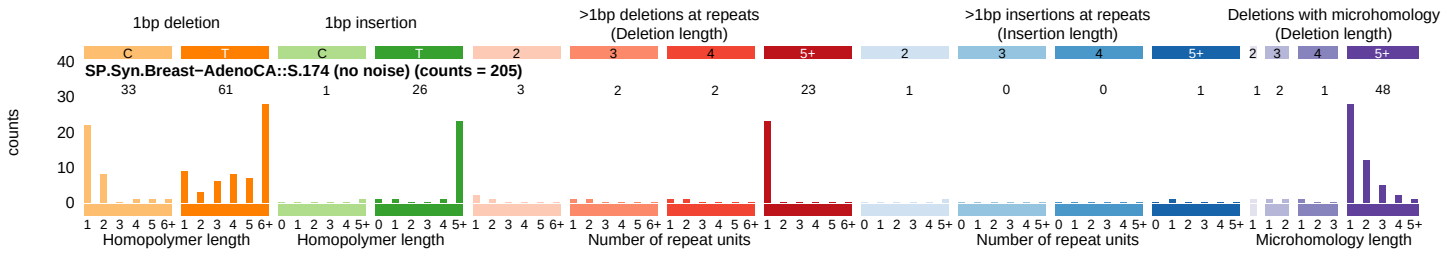

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.169 (no noise) (counts = 405)
counts
Homopolymer length
Number of repeat units
Microhomology length

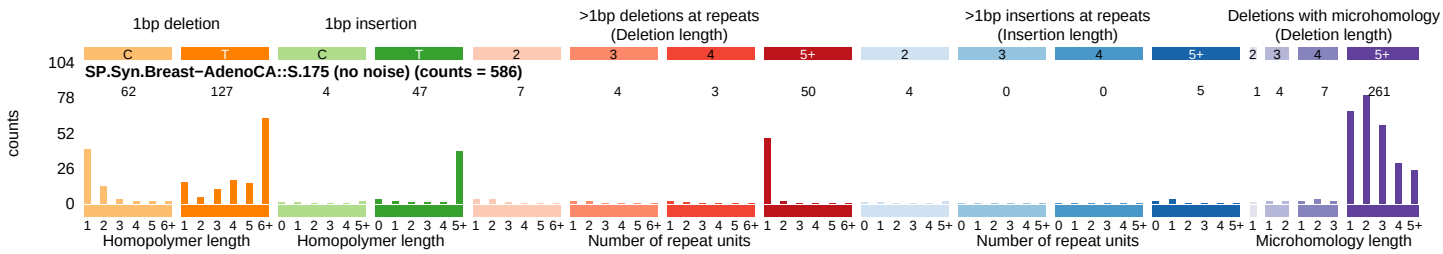

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.170 (no noise) (counts = 250)
counts
Homopolymer length
Number of repeat units
Microhomology length

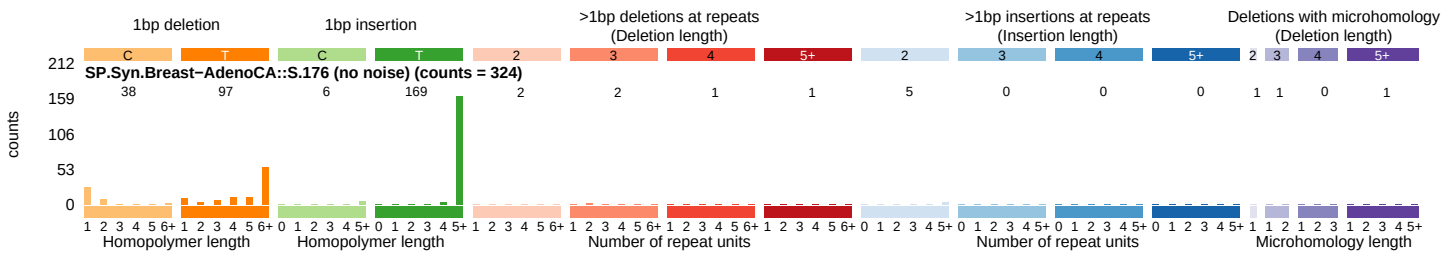

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.171 (no noise) (counts = 472)
counts
Homopolymer length
Number of repeat units
Microhomology length

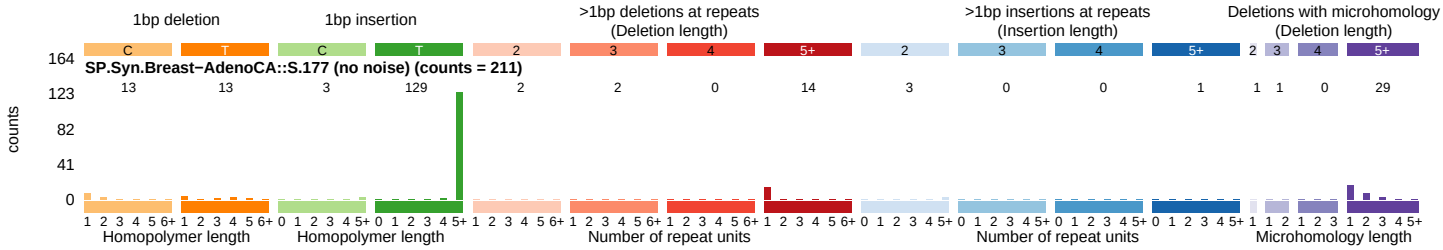

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.172 (no noise) (counts = 280)
counts
Homopolymer length
Number of repeat units
Microhomology length

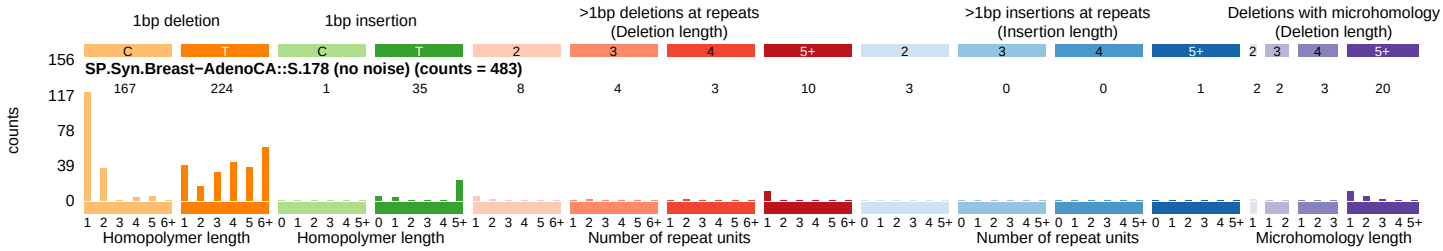

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.173 (no noise) (counts = 410)
counts
Homopolymer length
Number of repeat units
Microhomology length

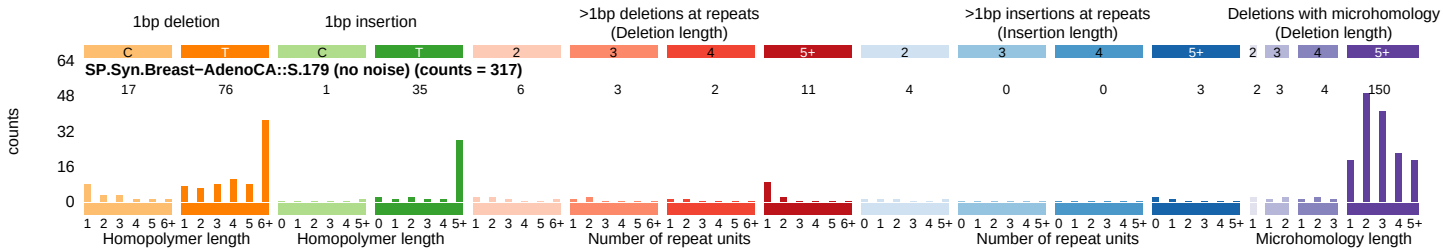

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.174 (no noise) (counts = 205)
counts
Homopolymer length
Number of repeat units
Microhomology length

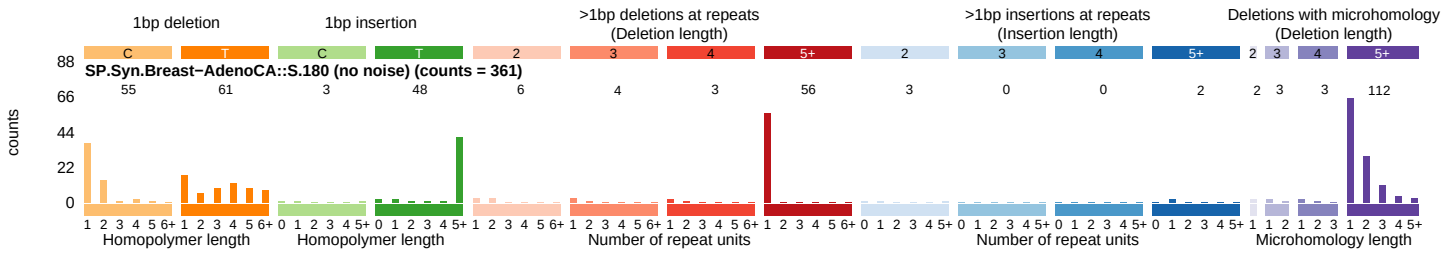

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.175 (no noise) (counts = 586)
counts
Homopolymer length
Number of repeat units
Microhomology length

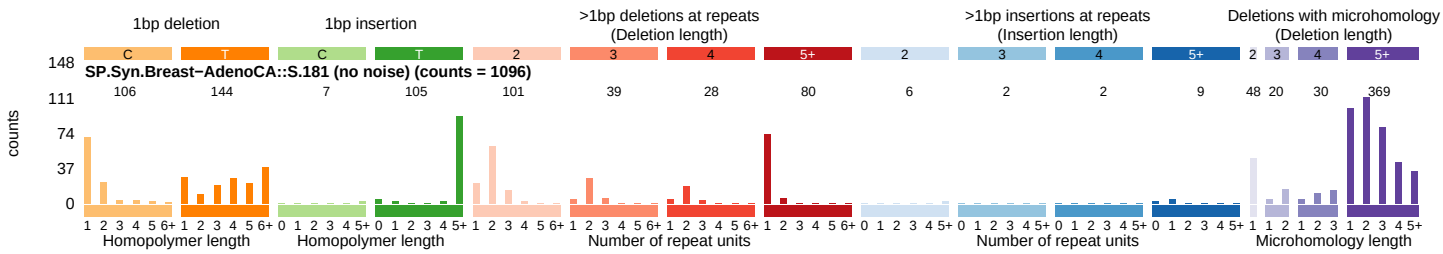

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.176 (no noise) (counts = 324)
counts
Homopolymer length
Number of repeat units
Microhomology length

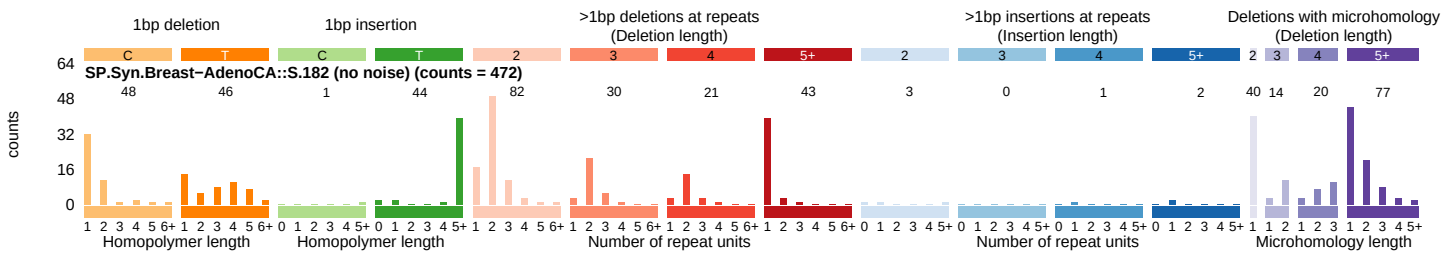

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.177 (no noise) (counts = 211)
13 13 3 129 2 2 0 14 3 0 0 1 1 1 0 29
counts
Homopolymer length
Number of repeat units
Microhomology length

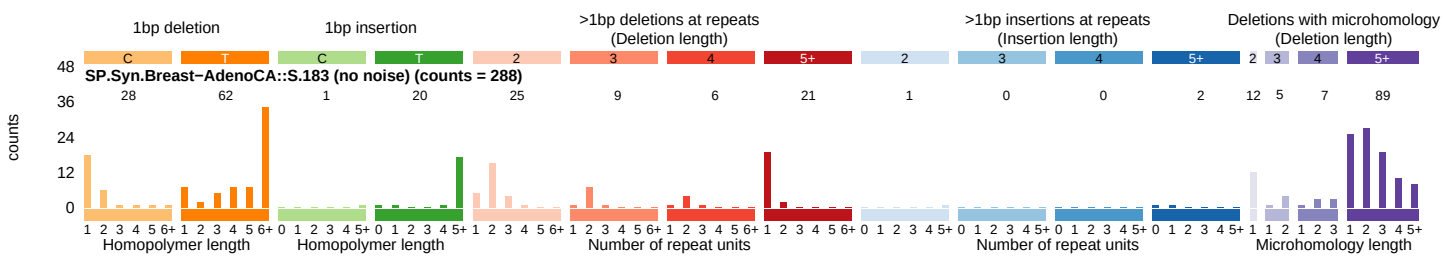

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.178 (no noise) (counts = 483)
167 224 1 35 8 4 3 10 3 0 0 1 2 2 3 20
counts
Homopolymer length
Number of repeat units
Microhomology length

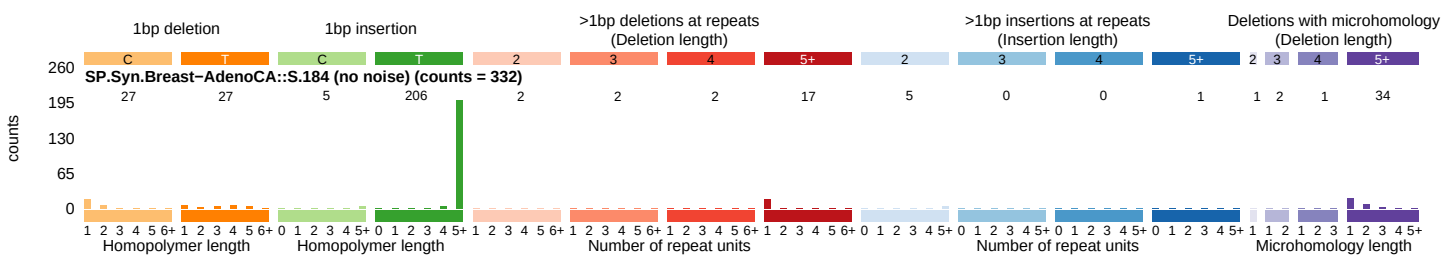

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.179 (no noise) (counts = 317)
17 76 1 35 6 3 2 11 4 0 0 3 2 3 4 150
counts
Homopolymer length
Number of repeat units
Microhomology length

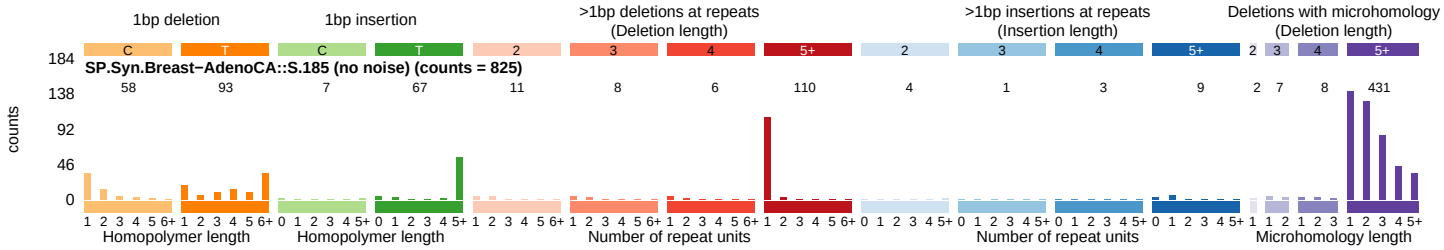

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.180 (no noise) (counts = 361)
55 61 3 48 6 4 3 56 3 0 0 2 2 3 3 112
counts
Homopolymer length
Number of repeat units
Microhomology length

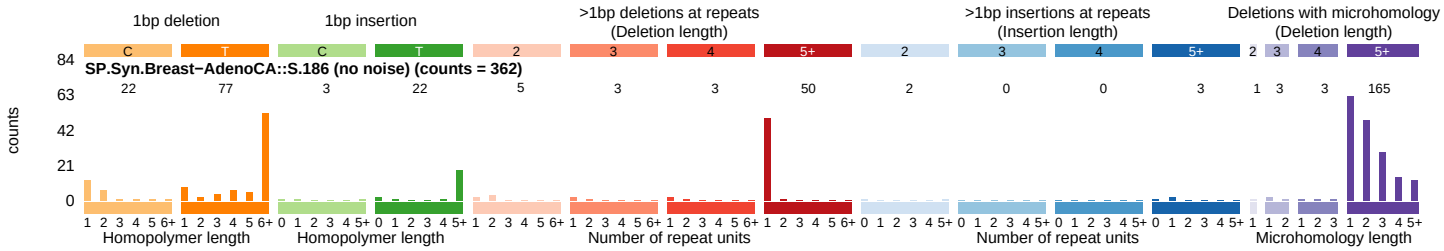

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.181 (no noise) (counts = 1096)
106 144 7 105 101 39 28 80 6 2 2 9 48 20 30 369
counts
Homopolymer length
Number of repeat units
Microhomology length

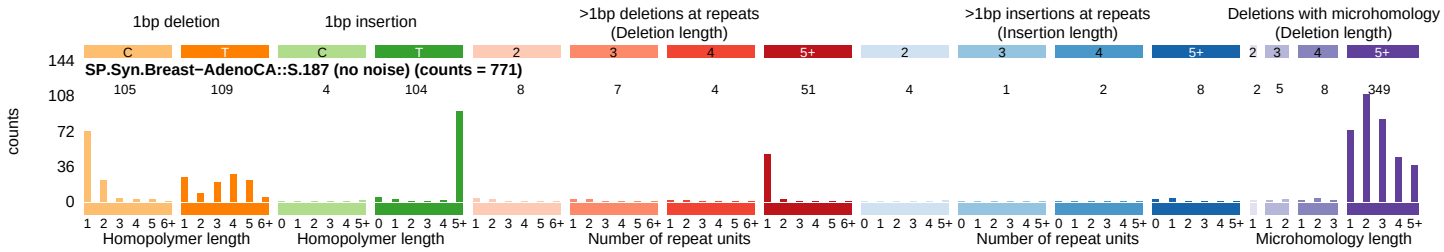

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.182 (no noise) (counts = 472)
48 46 1 44 82 30 21 43 3 0 1 2 40 14 20 77
counts
Homopolymer length
Number of repeat units
Microhomology length

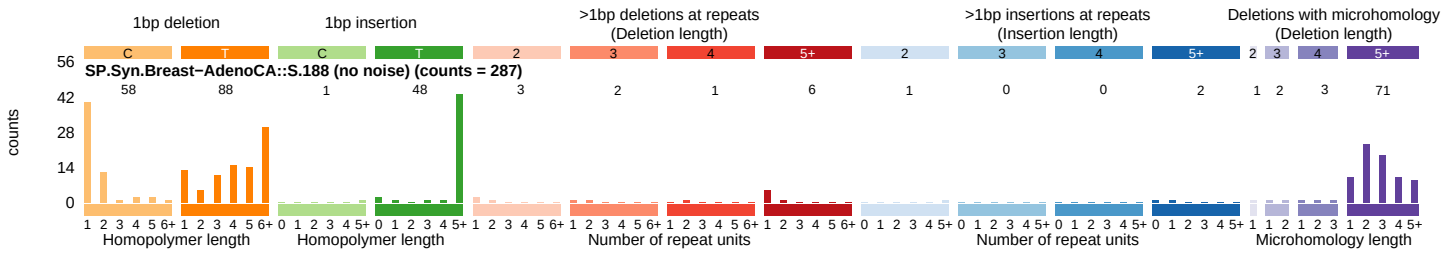

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.183 (no noise) (counts = 288)
28 62 1 20 25 9 6 21 1 0 0 2 12 5 7 89
counts
Homopolymer length
Number of repeat units
Microhomology length

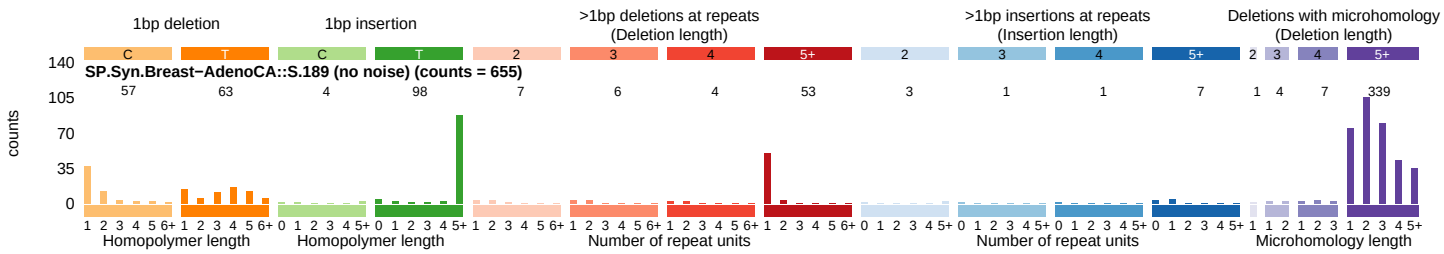

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.184 (no noise) (counts = 332)
27 27 5 206 2 2 2 17 5 0 0 1 1 2 1 34
counts
Homopolymer length
Number of repeat units
Microhomology length

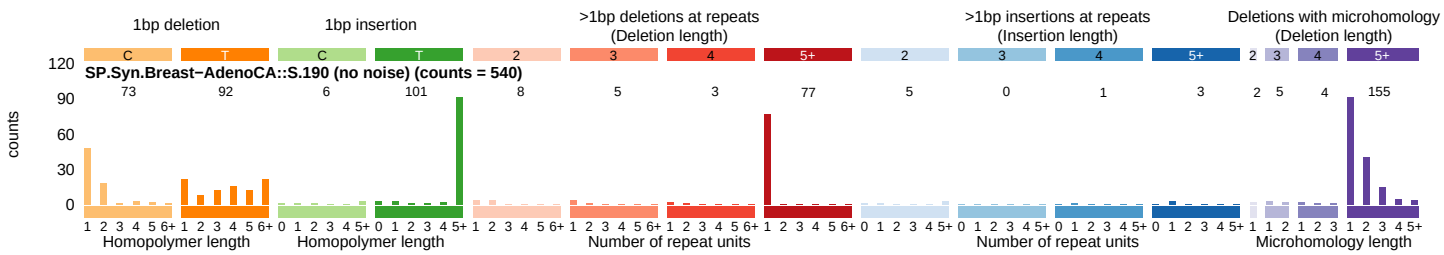

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.185 (no noise) (counts = 825)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.186 (no noise) (counts = 362)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.187 (no noise) (counts = 771)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.188 (no noise) (counts = 287)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.189 (no noise) (counts = 655)
counts
Homopolymer length
Number of repeat units
Microhomology length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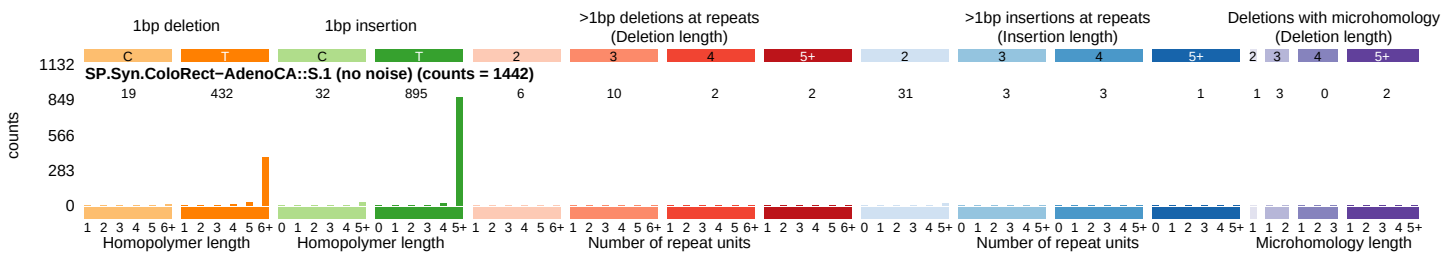
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.190 (no noise) (counts = 540)
counts
Homopolymer length
Number of repeat units
Microhomology length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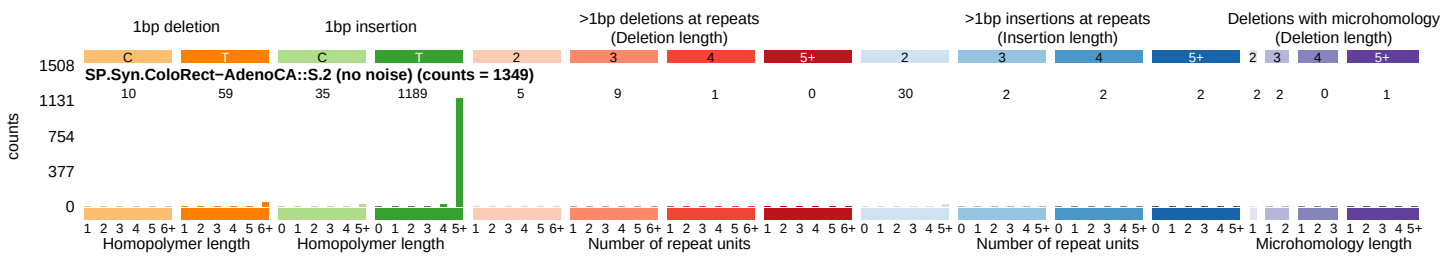
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.1 (no noise) (counts = 1442)
counts
Homopolymer length
Number of repeat units
Microhomology length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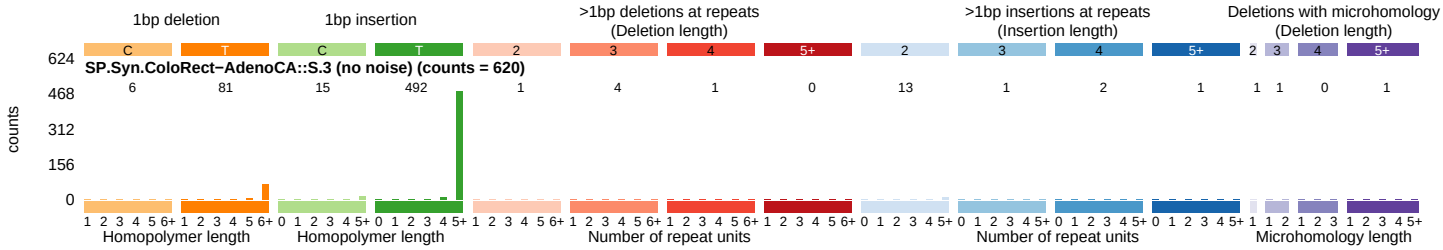
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.2 (no noise) (counts = 1349)
counts
Homopolymer length
Number of repeat units
Microhomology length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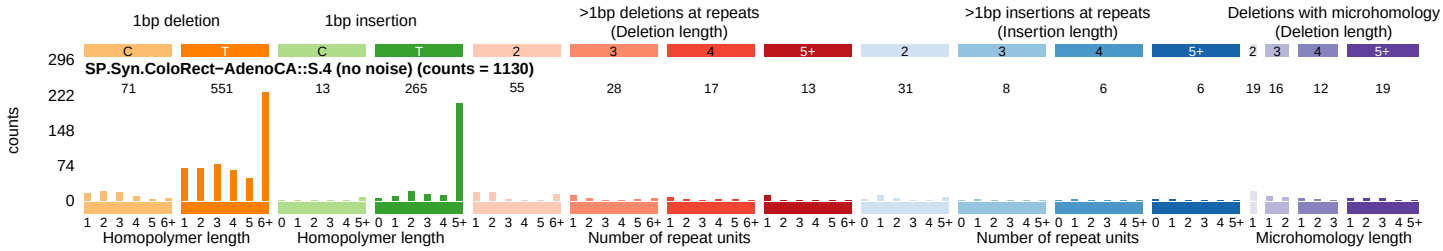
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.3 (no noise) (counts = 620)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
6 81 15 492 1 4 1 0 13 1 2 1 1 1 0 1
counts
624 468 312 156 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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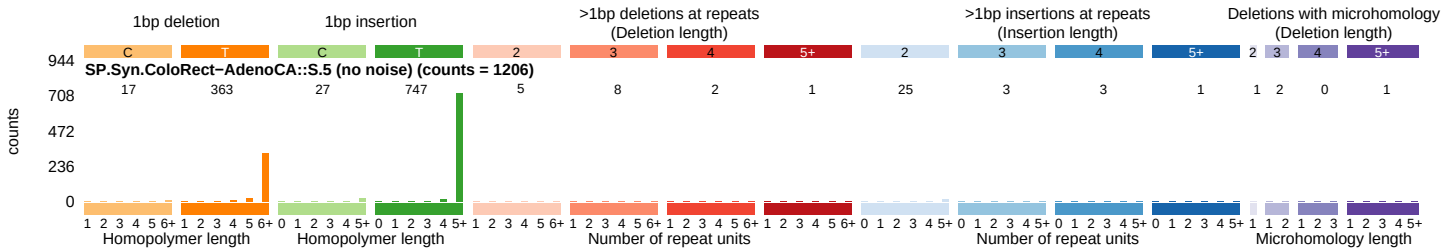
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.4 (no noise) (counts = 1130)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
71 551 13 265 55 28 17 13 31 8 6 6 19 16 12 19
counts
296 222 148 74 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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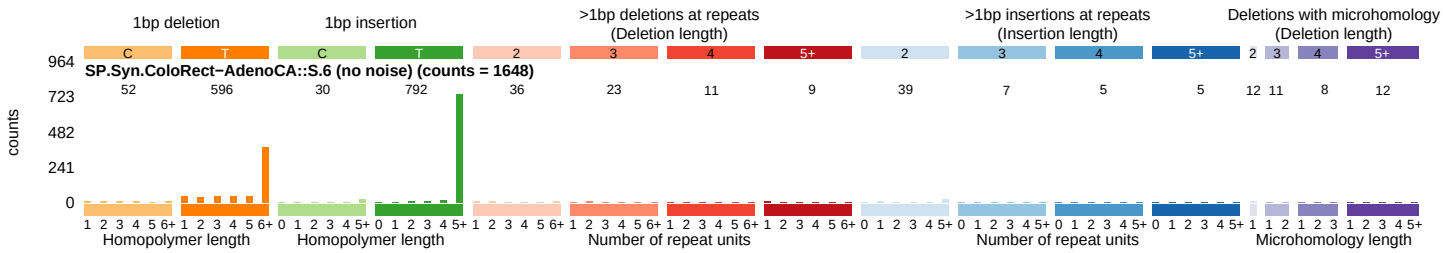
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.5 (no noise) (counts = 1206)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
17 363 27 747 5 8 2 1 25 3 3 1 1 2 0 1
counts
944 708 472 236 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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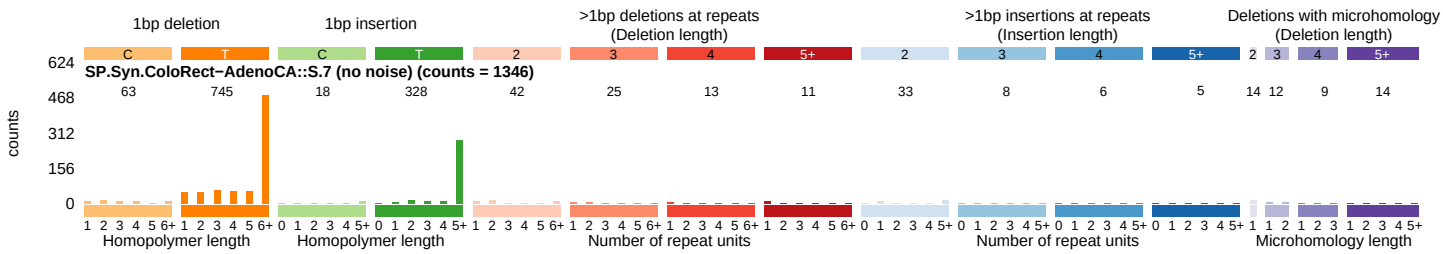
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.6 (no noise) (counts = 1648)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
52 596 30 792 36 23 11 9 39 7 5 5 12 11 8 12
counts
964 723 482 241 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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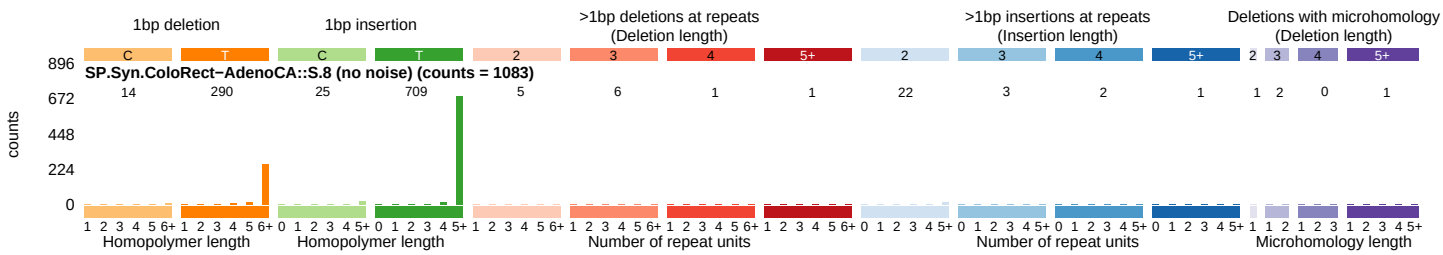
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.7 (no noise) (counts = 1346)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
63 745 18 328 42 25 13 11 33 8 6 5 14 12 9 14
counts
624 468 312 156 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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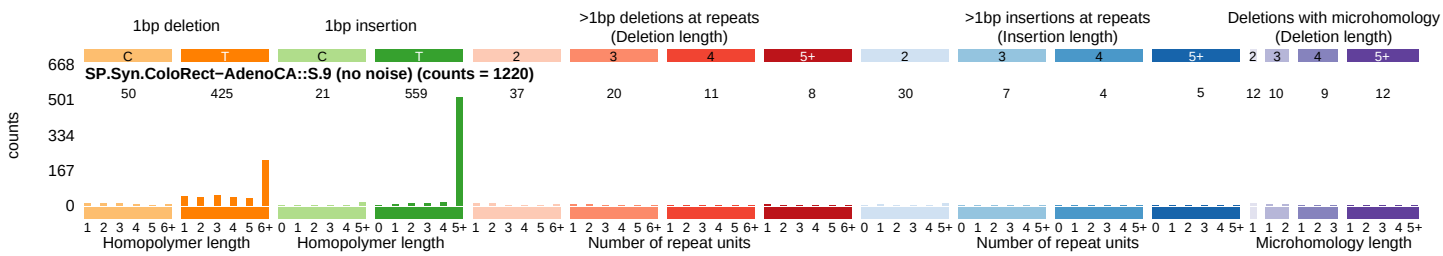
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.8 (no noise) (counts = 1083)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
14 290 25 709 5 6 1 1 22 3 2 1 1 2 0 1
counts
896 672 448 224 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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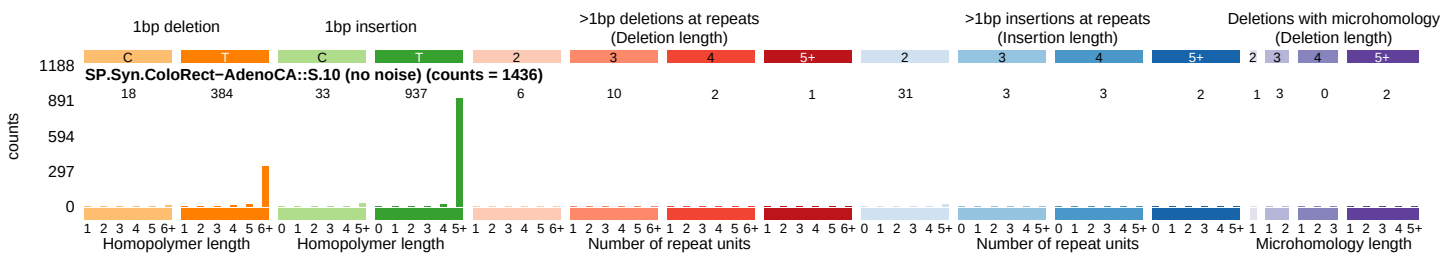
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.9 (no noise) (counts = 1220)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
50 425 21 559 37 20 11 8 30 7 4 5 12 10 9 12
counts
668 501 334 167 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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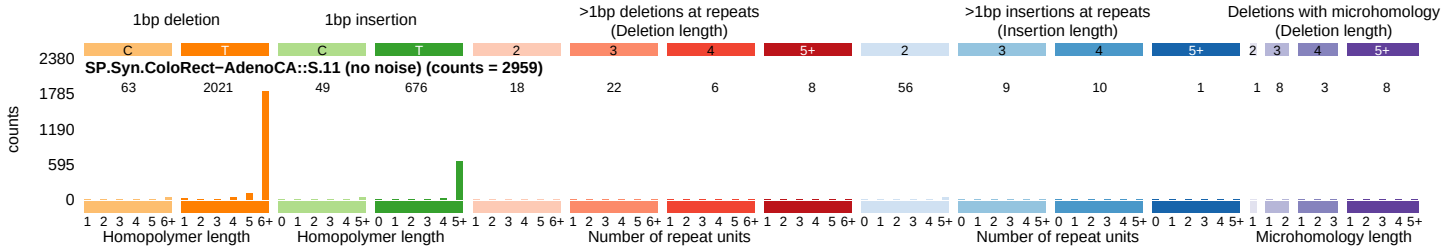
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.10 (no noise) (counts = 1436)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
18 384 33 937 6 10 2 1 31 3 3 2 1 3 0 2
counts
1188 891 594 297 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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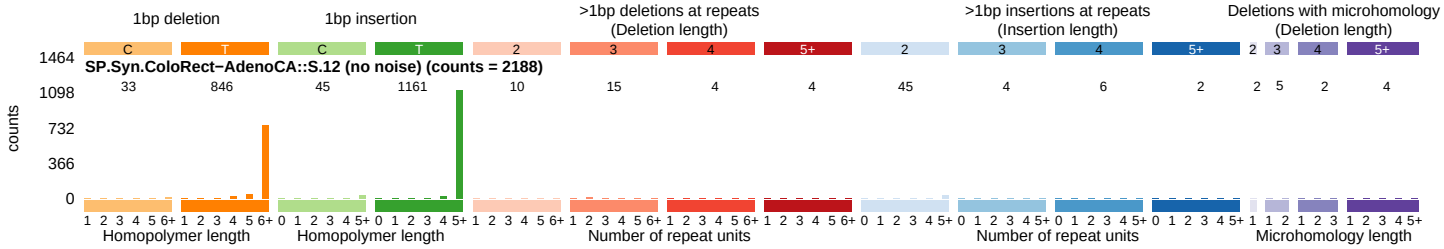
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.11 (no noise) (counts = 2959)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
63 2021 49 676 18 22 6 8 56 9 10 1 1 8 3 8
counts
2380 1785 1190 595 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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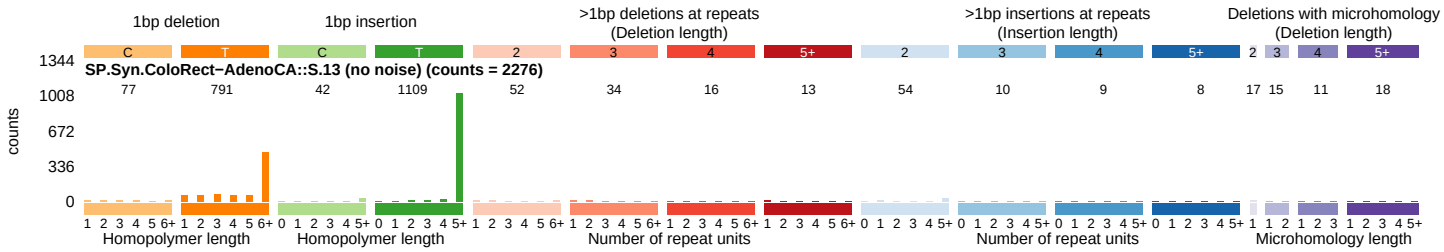
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.12 (no noise) (counts = 2188)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
33 846 45 1161 10 15 4 4 45 4 6 2 2 5 2 4
counts
1464 1098 732 366 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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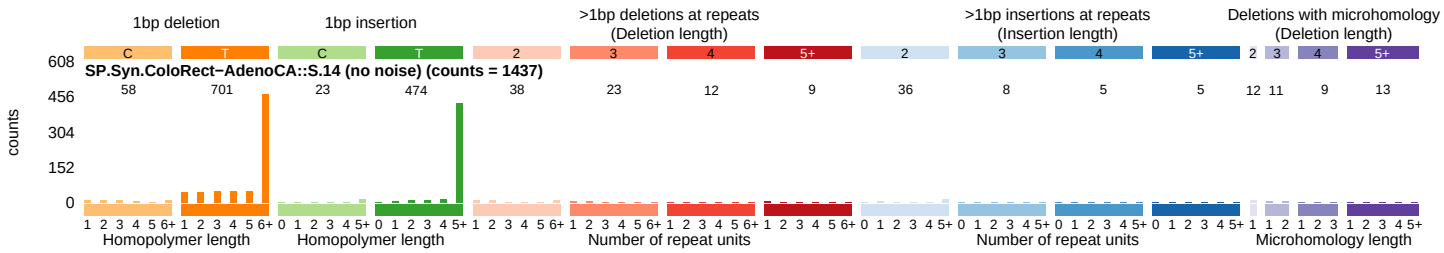
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.13 (no noise) (counts = 2276)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
77 791 42 1109 52 34 16 13 54 10 9 8 17 15 11 18
counts
1344 1008 672 336 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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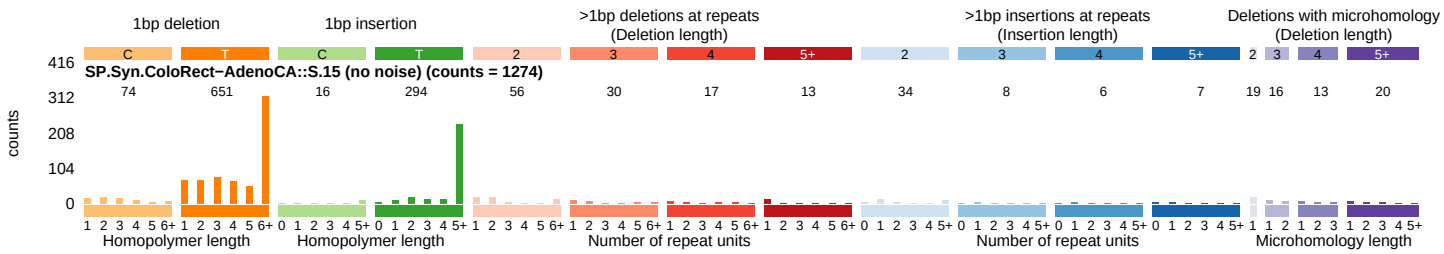
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.14 (no noise) (counts = 1437)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
58 701 23 474 38 23 12 9 36 8 5 5 12 11 9 13
counts
608 456 304 152 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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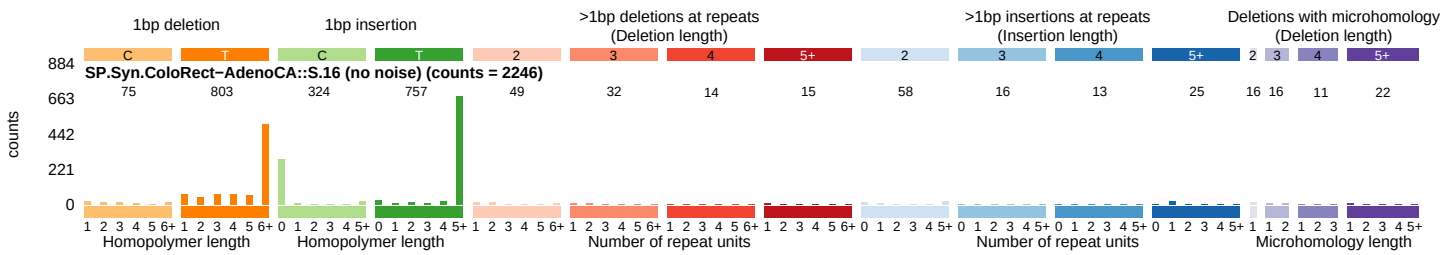
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.15 (no noise) (counts = 1274)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
74 651 16 294 56 30 17 13 34 8 6 7 19 16 13 20
counts
416 312 208 104 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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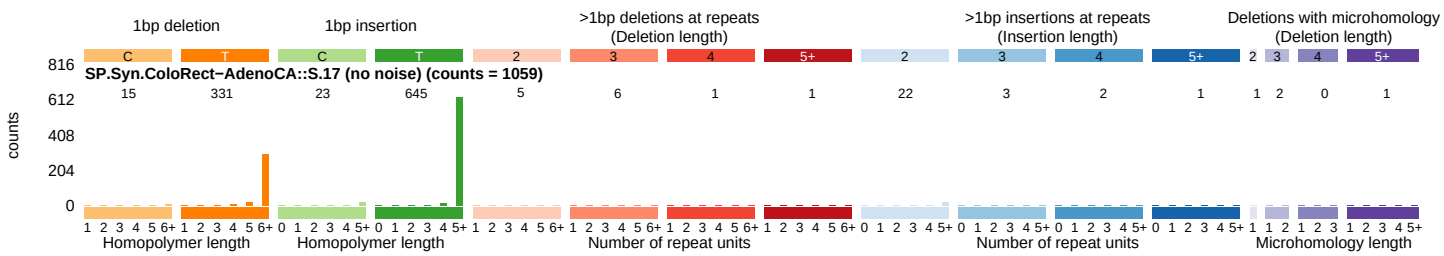
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.16 (no noise) (counts = 2246)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
75 803 324 757 49 32 14 15 58 16 13 25 16 16 11 22
counts
884 663 442 221 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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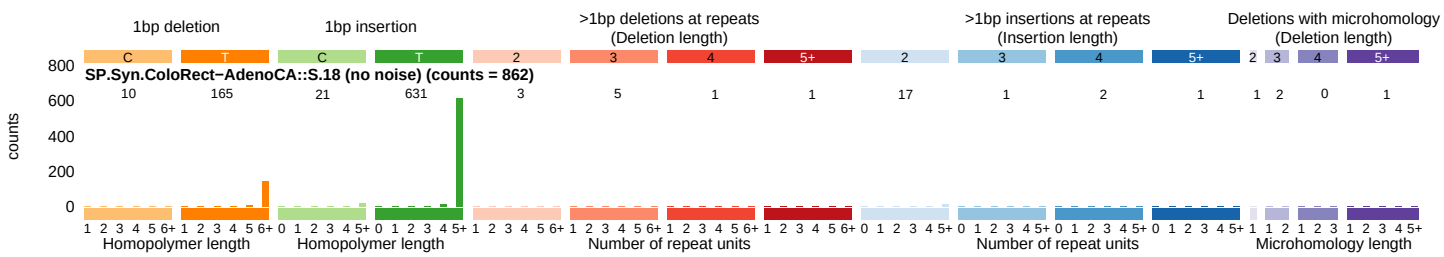
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.17 (no noise) (counts = 1059)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
15 331 23 645 5 6 1 1 22 3 2 1 1 2 0 1
counts
816 612 408 204 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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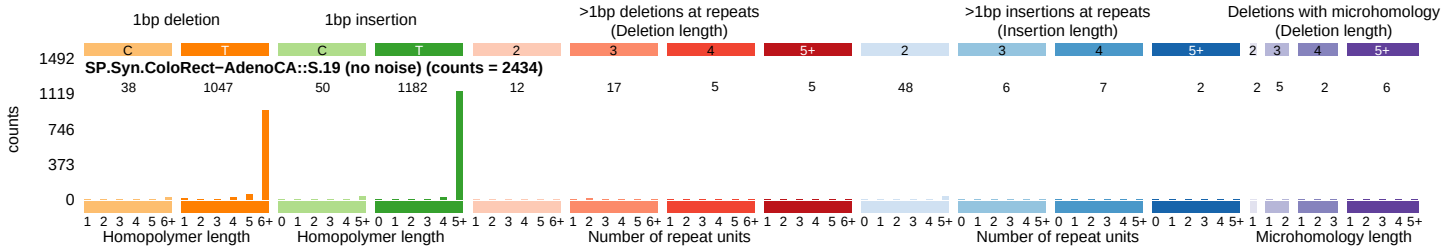
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.18 (no noise) (counts = 862)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
10 165 21 631 3 5 1 1 17 1 2 1 1 2 0 1
counts
800 600 400 200 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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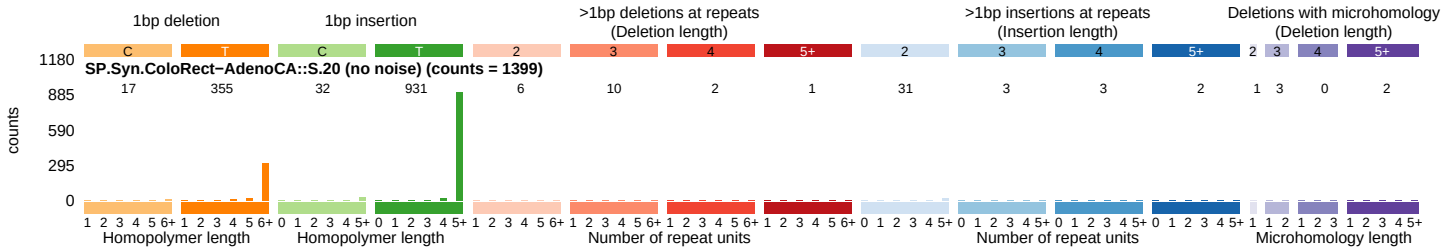
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.19 (no noise) (counts = 2434)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
38 1047 50 1182 12 17 5 5 48 6 7 2 2 5 2 6
counts
1492 1119 746 373 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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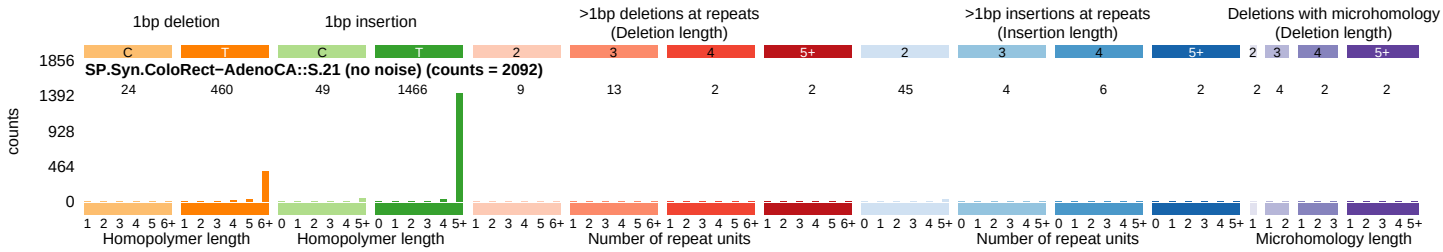
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.20 (no noise) (counts = 1399)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
17 355 32 931 6 10 2 1 31 3 3 2 1 3 0 2
counts
1180 885 590 295 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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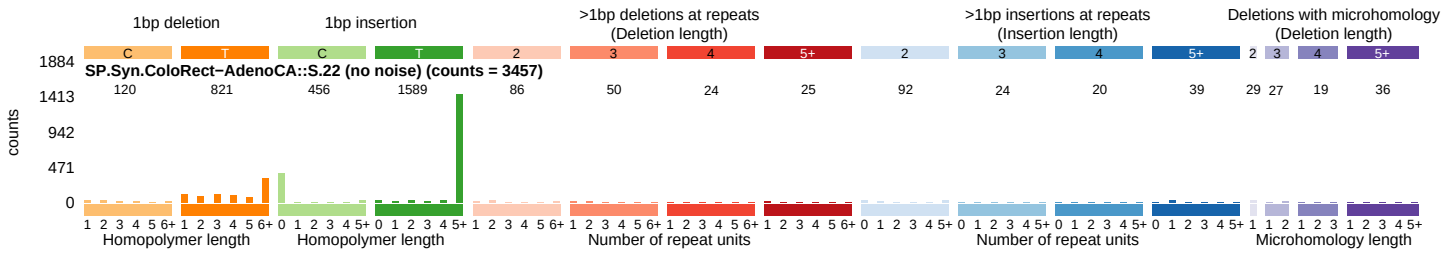
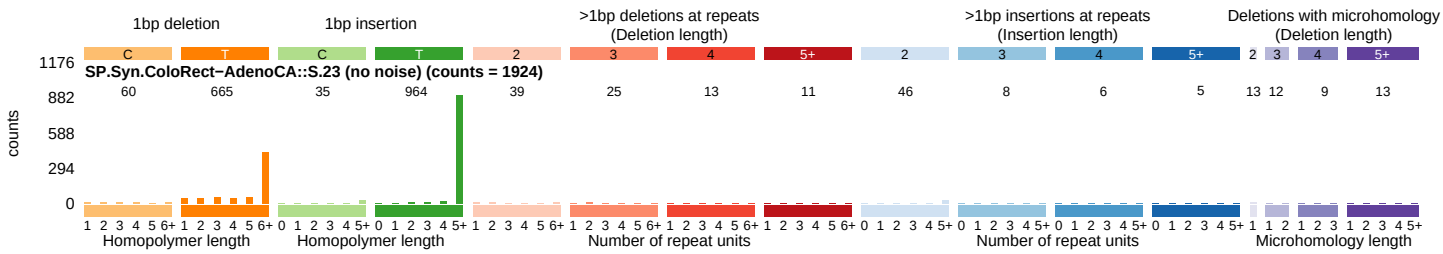
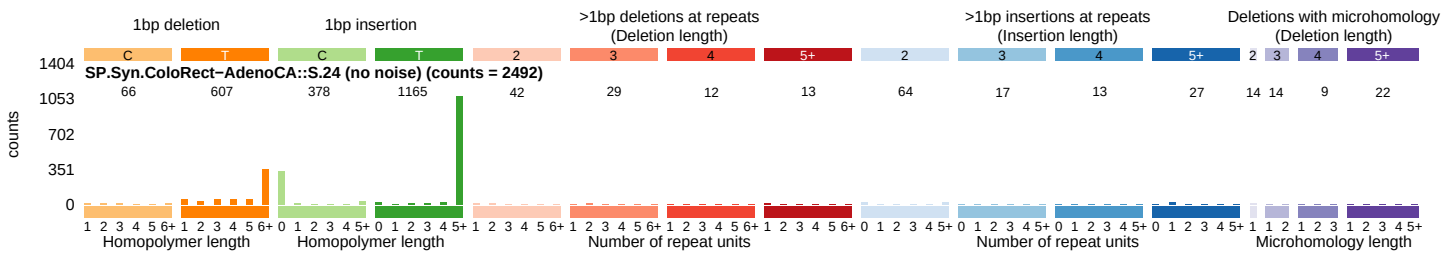
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.21 (no noise) (counts = 2092)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
24 460 49 1466 9 13 2 2 45 4 6 2 2 4 2 2
counts
1856 1392 928 464 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.22 (no noise) (counts = 3457)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
120 821 456 1589 86 50 24 25 92 24 20 39 29 27 19 36
counts
1884 1413 942 471 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.23 (no noise) (counts = 1924)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
60 665 35 964 39 25 13 11 46 8 6 5 13 12 9 13
counts
1176 882 588 294 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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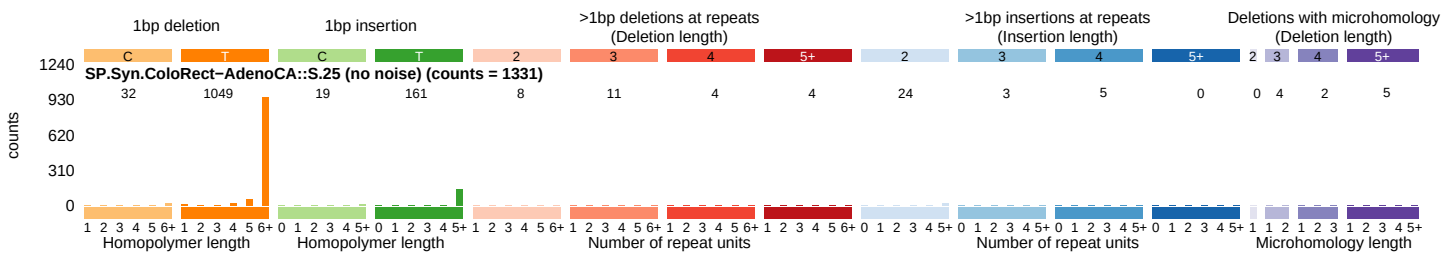
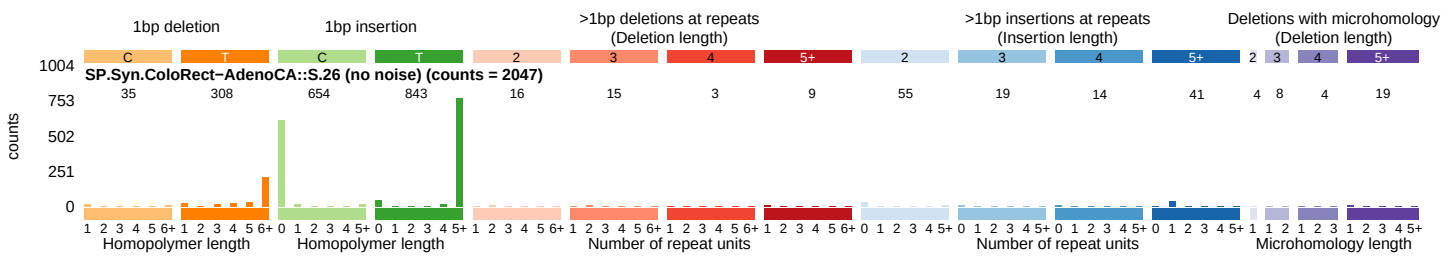
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.24 (no noise) (counts = 2492)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
66 607 378 1165 42 29 12 13 64 17 13 27 14 14 9 22
counts
1404 1053 702 351 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.25 (no noise) (counts = 1331)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
32 1049 19 161 8 11 4 4 24 3 5 0 0 4 2 5
counts
1240 930 620 310 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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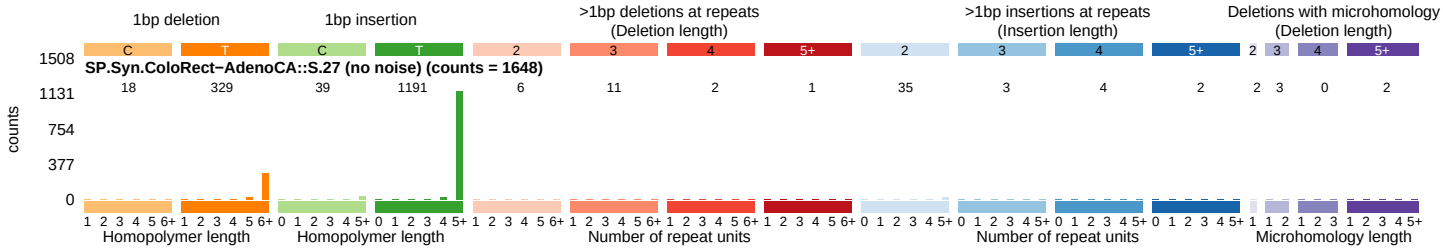
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.26 (no noise) (counts = 2047)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
35 308 654 843 16 15 3 9 55 19 14 41 4 8 4 19
counts
1004 753 502 251 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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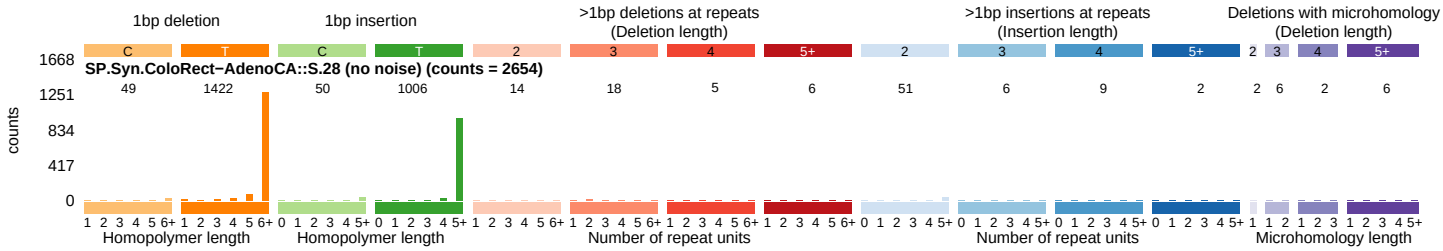
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.27 (no noise) (counts = 1648)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
18 329 39 1191 6 11 2 1 35 3 4 2 2 3 0 2
counts
1508 1131 754 377 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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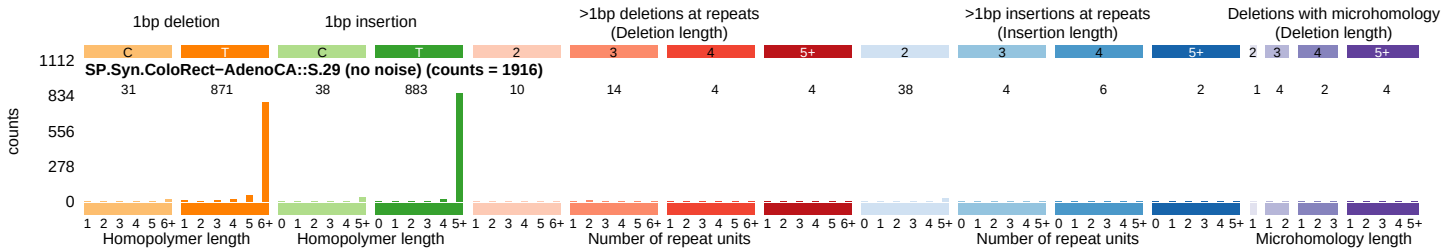
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.28 (no noise) (counts = 2654)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
49 1422 50 1006 14 18 5 6 51 6 9 2 2 6 2 6
counts
1668 1251 834 417 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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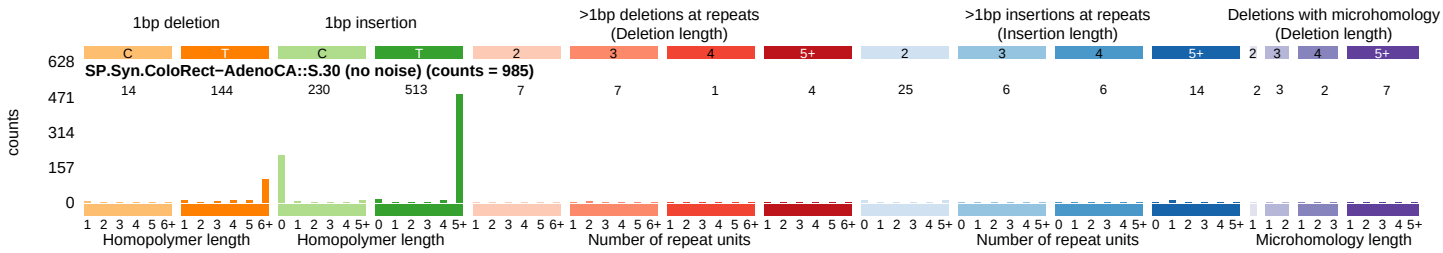
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.29 (no noise) (counts = 1916)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
31 871 38 883 10 14 4 4 38 4 6 2 1 4 2 4
counts
1112 834 556 278 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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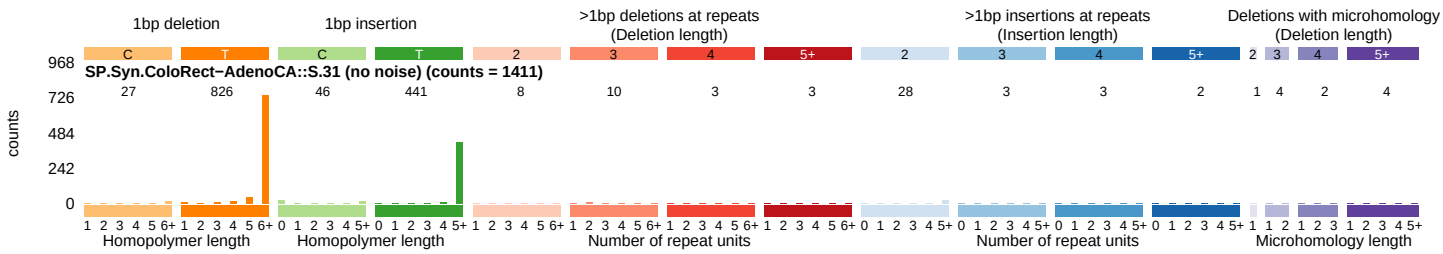
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.30 (no noise) (counts = 985)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
14 144 230 513 7 7 1 4 25 6 6 14 2 3 2 7
counts
628 471 314 157 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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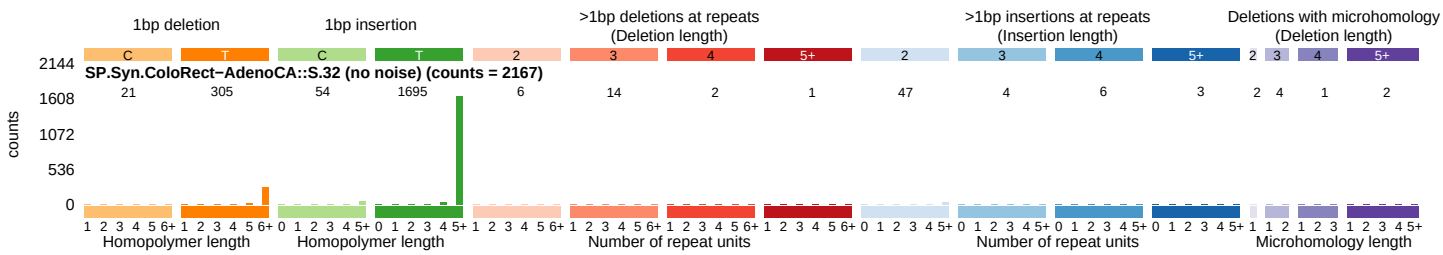
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.31 (no noise) (counts = 1411)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
27 826 46 441 8 10 3 3 28 3 3 2 1 4 2 4
counts
968 726 484 242 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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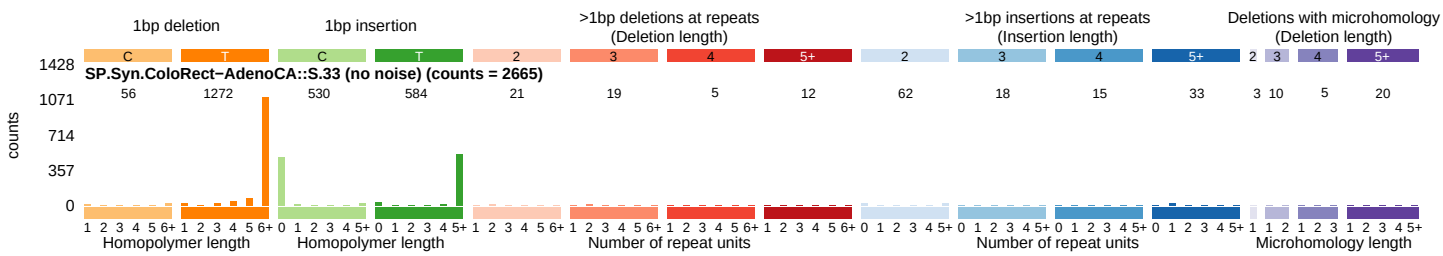
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.32 (no noise) (counts = 2167)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
21 305 54 1695 6 14 2 1 47 4 6 3 2 4 1 2
counts
2144 1608 1072 536 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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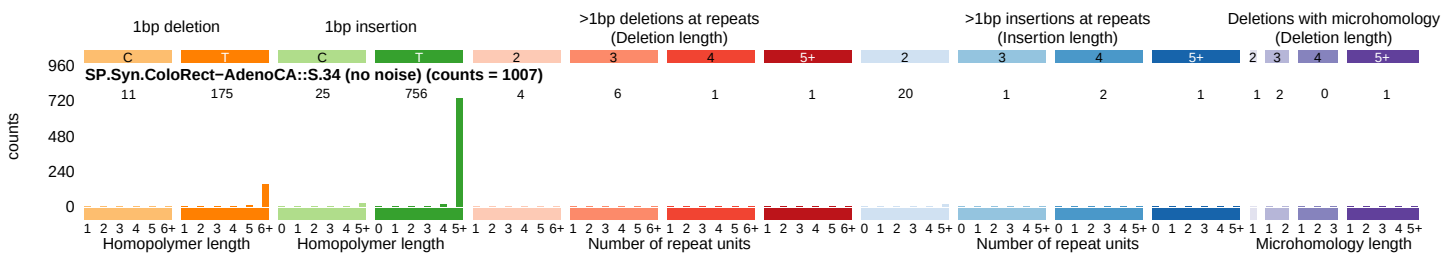
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.33 (no noise) (counts = 2665)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
56 1272 530 584 21 19 5 12 62 18 15 33 3 10 5 20
counts
1428 1071 714 357 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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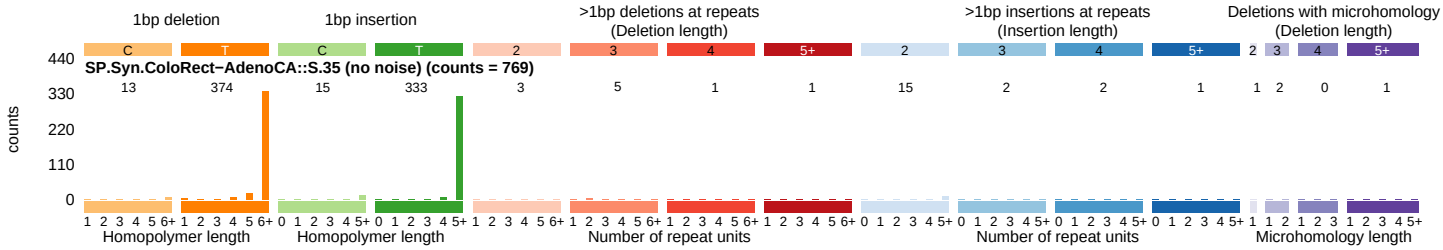
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.34 (no noise) (counts = 1007)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
11 175 25 756 4 6 1 1 20 1 2 1 1 2 0 1
counts
960 720 480 240 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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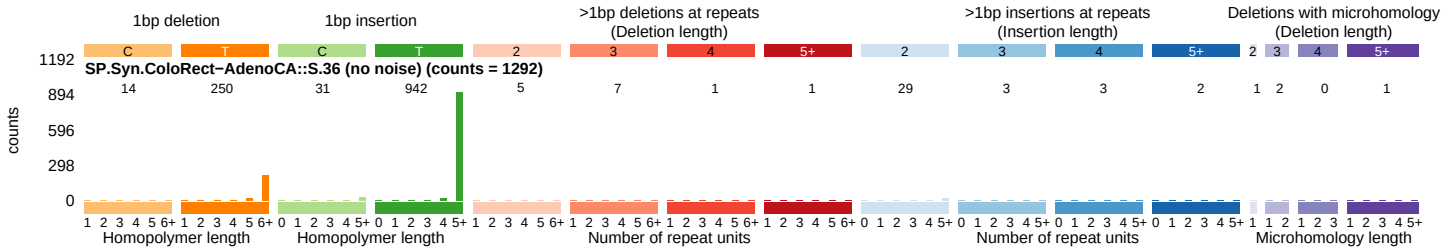
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.35 (no noise) (counts = 769)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
13 374 15 333 3 5 1 1 15 2 2 1 1 2 0 1
counts
440 330 220 110 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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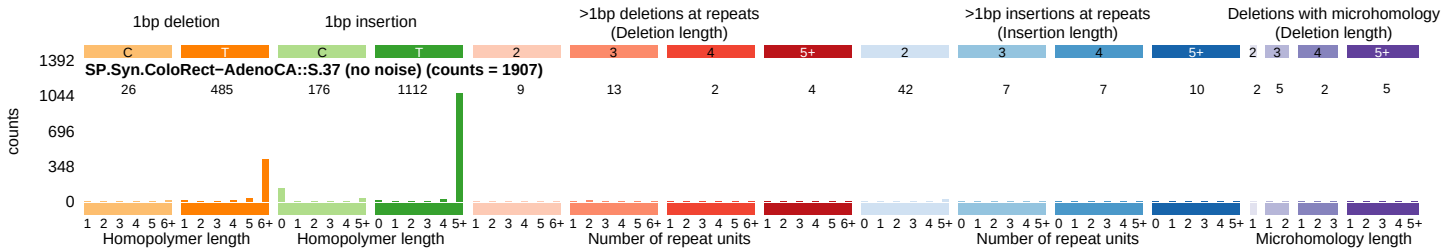
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.36 (no noise) (counts = 1292)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
14 250 31 942 5 7 1 1 29 3 3 2 1 2 0 1
counts
1192 894 596 298 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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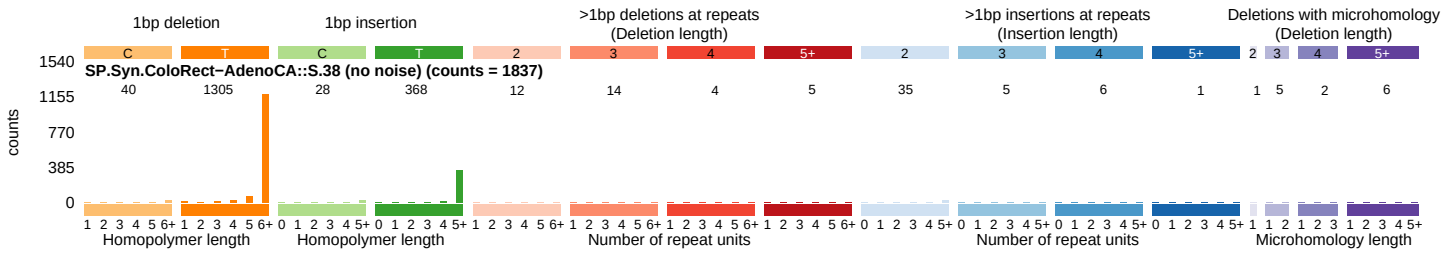
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.37 (no noise) (counts = 1907)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
26 485 176 1112 9 13 2 4 42 7 7 10 2 5 2 5
counts
1392 1044 696 348 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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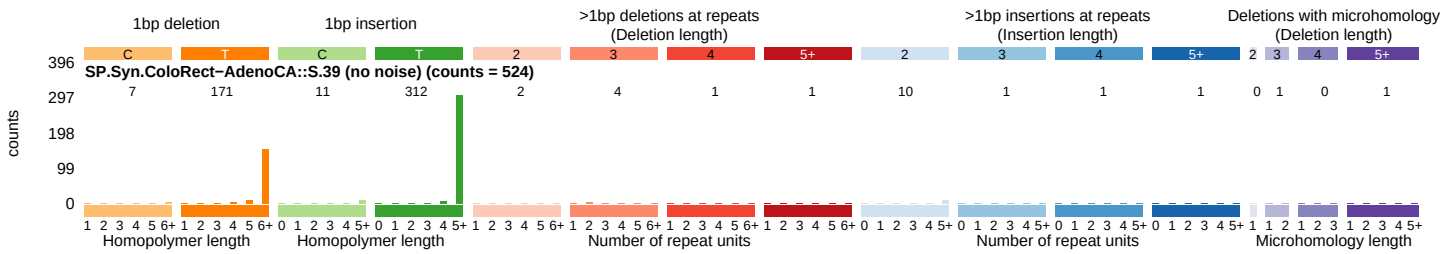
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.38 (no noise) (counts = 1837)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
40 1305 28 368 12 14 4 5 35 5 6 1 1 5 2 6
counts
1540 1155 770 385 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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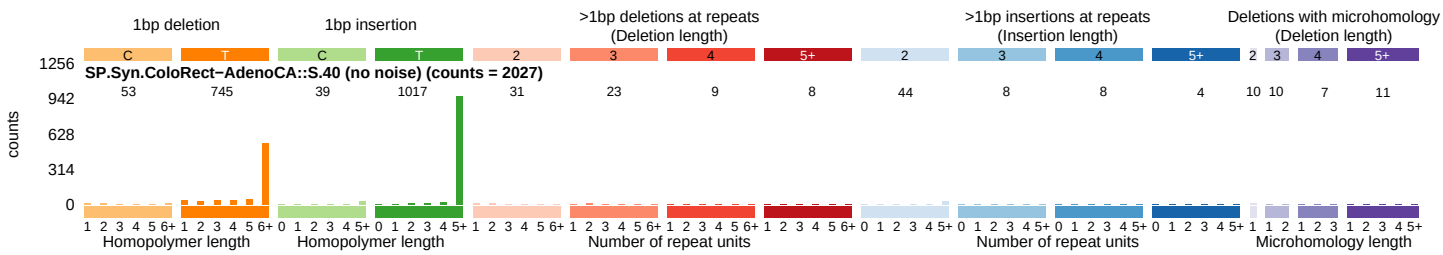
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.39 (no noise) (counts = 524)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
7 171 11 312 2 4 1 1 10 1 1 1 0 1 0 1
counts
396 297 198 99 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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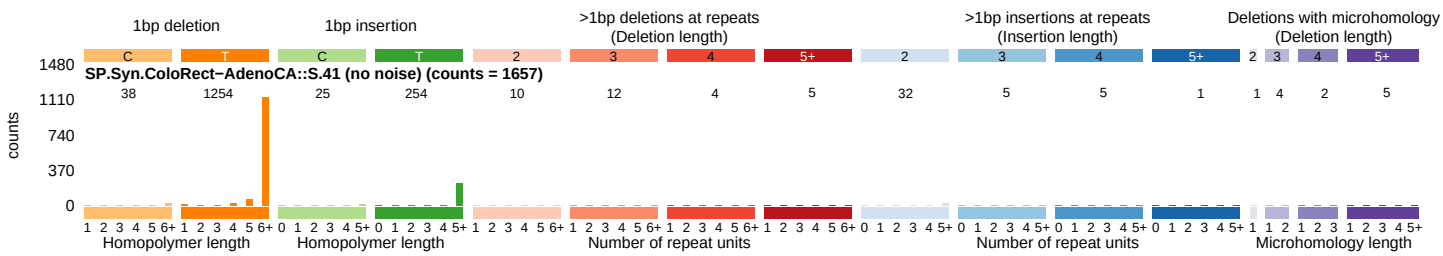
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.40 (no noise) (counts = 2027)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
53 745 39 1017 31 23 9 8 44 8 8 4 10 10 7 11
counts
1256 942 628 314 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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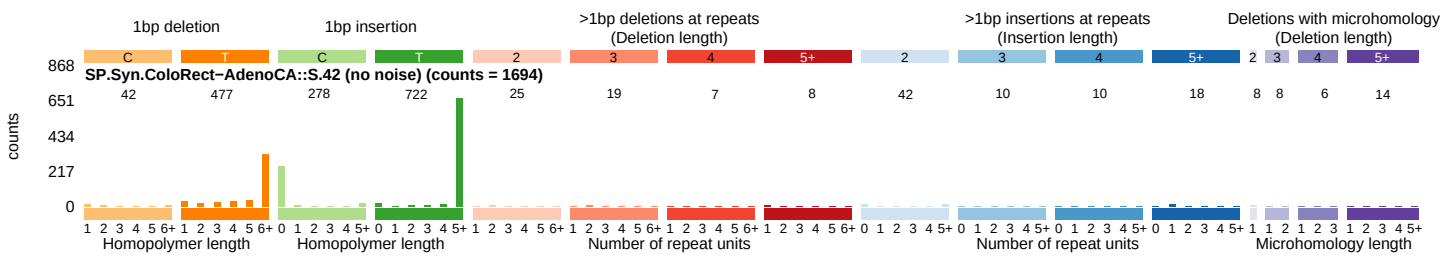
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.41 (no noise) (counts = 1657)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
38 1254 25 254 10 12 4 5 32 5 5 1 1 4 2 5
counts
1480 1110 740 370 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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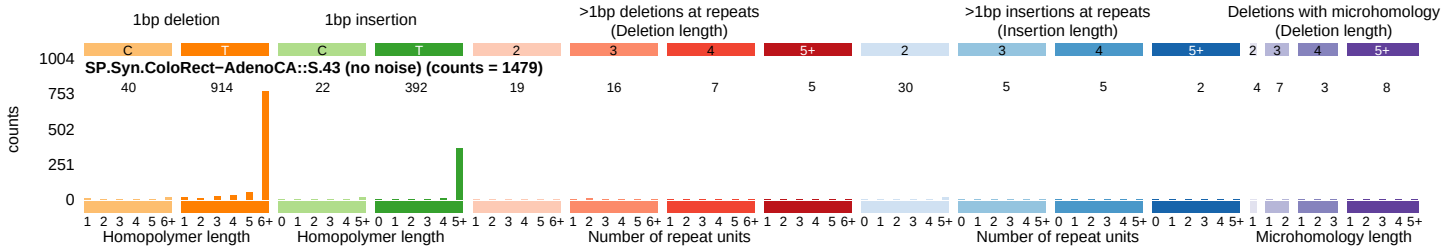
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.42 (no noise) (counts = 1694)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
42 477 278 722 25 19 7 8 42 10 10 18 8 8 6 14
counts
868 651 434 217 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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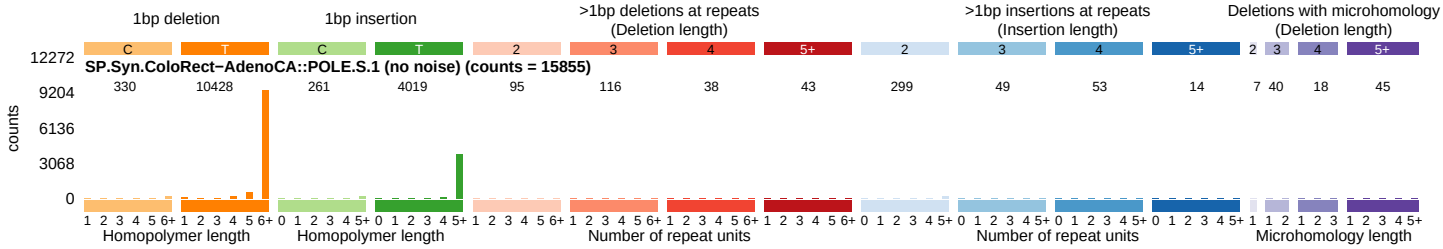
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.43 (no noise) (counts = 1479)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
40 914 22 392 19 16 7 5 30 5 5 2 4 7 3 8
counts
1004 753 502 251 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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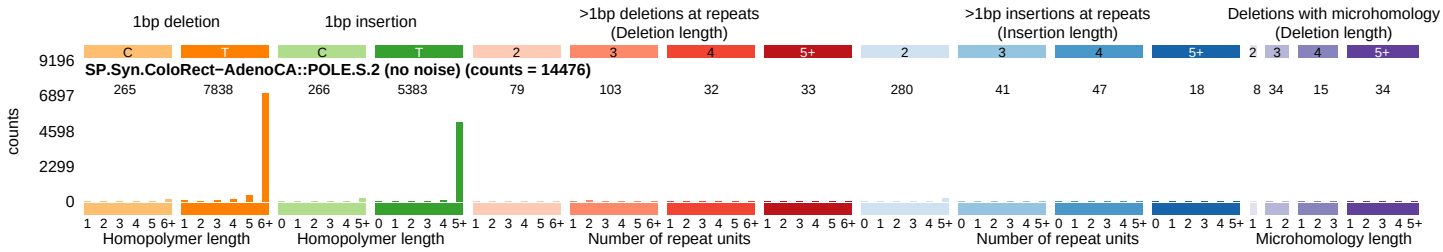
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.1 (no noise) (counts = 15855)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
330 10428 261 4019 95 116 38 43 299 49 53 14 7 40 18 45
counts
12272 9204 6136 3068 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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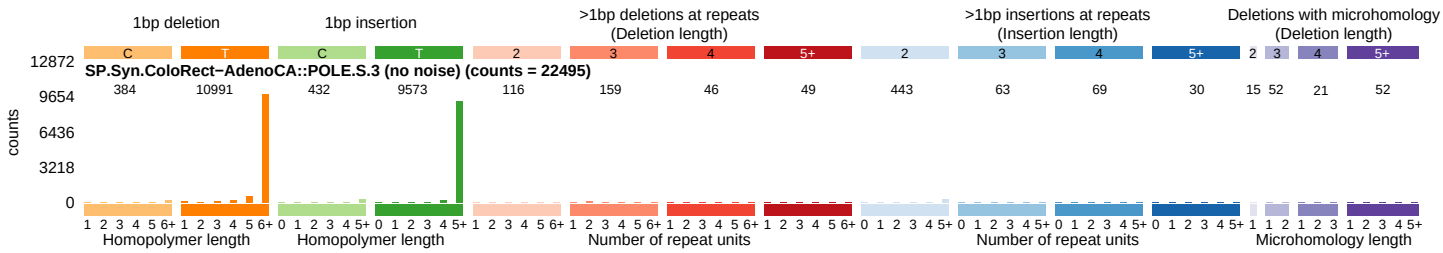
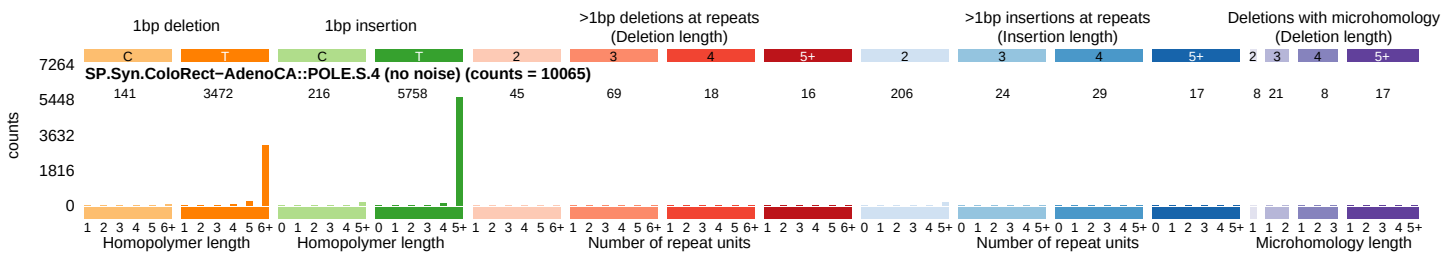
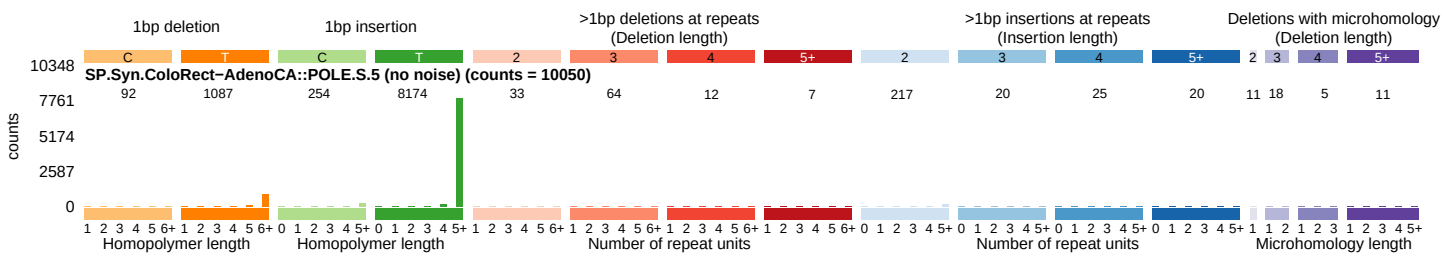
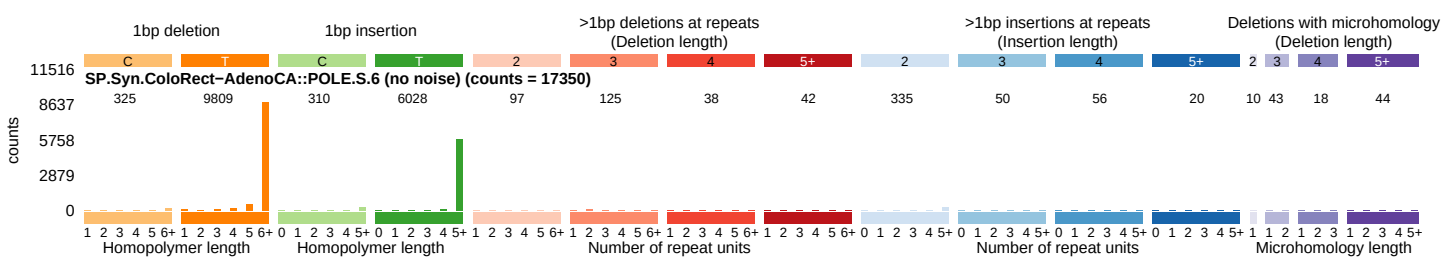
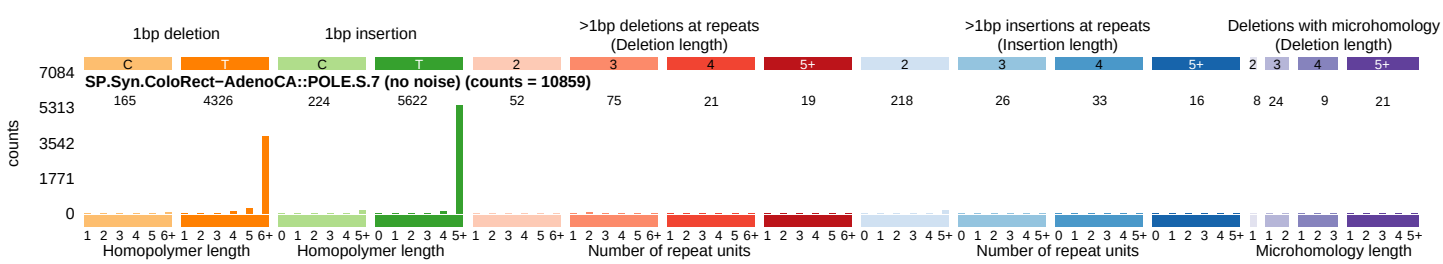
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.2 (no noise) (counts = 14476)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
265 7838 266 5383 79 103 32 33 280 41 47 18 8 34 15 34
counts
9196 6897 4598 2299 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

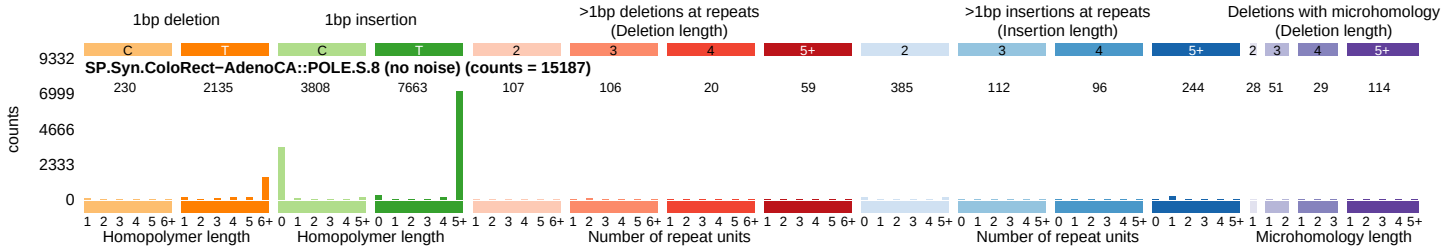

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.3 (no noise) (counts = 22495)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
384 10991 432 9573 116 159 46 49 443 63 69 30 15 52 21 52
counts
12872 9654 6436 3218 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.4 (no noise) (counts = 10065)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
141 3472 216 5758 45 69 18 16 206 24 29 17 8 21 8 17
counts
7264 5448 3632 1816 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.5 (no noise) (counts = 10050)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
92 1087 254 8174 33 64 12 7 217 20 25 20 11 18 5 11
counts
10348 7761 5174 2587 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.6 (no noise) (counts = 17350)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
325 9809 310 6028 97 125 38 42 335 50 56 20 10 43 18 44
counts
11516 8637 5758 2879 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.7 (no noise) (counts = 10859)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
165 4326 224 5622 52 75 21 19 218 26 33 16 8 24 9 21
counts
7084 5313 3542 1771 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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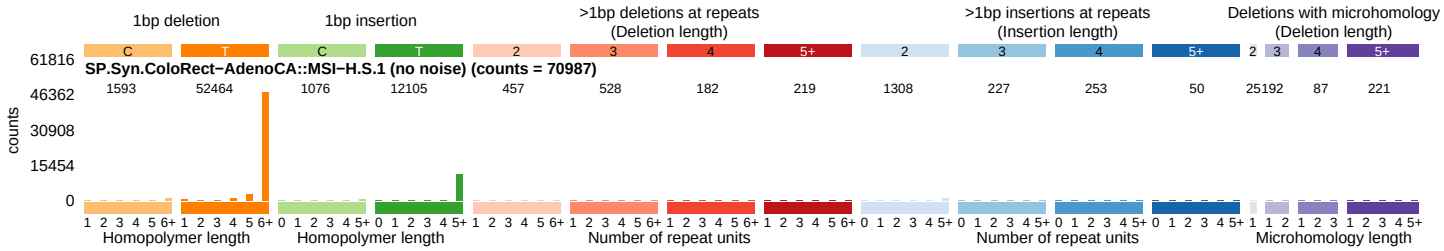
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.8 (no noise) (counts = 15187)
230 2135 3808 7663 107 106 20 59 385 112 96 244 28 51 29 114
counts
Homopolymer length
Number of repeat units
Microhomology length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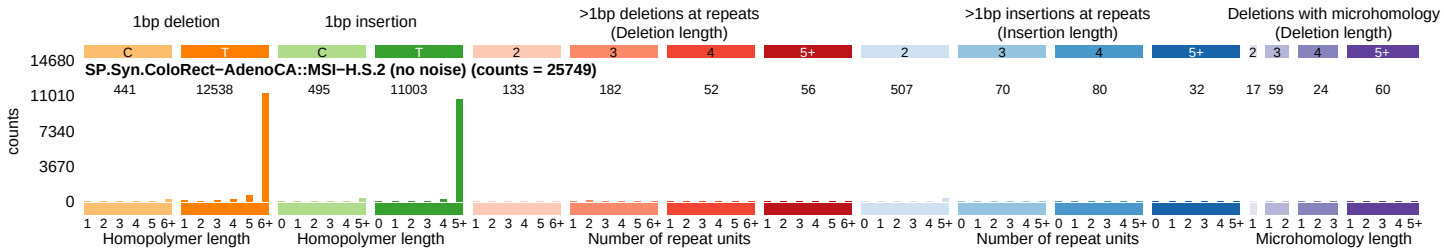
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.1 (no noise) (counts = 70987)
1593 52464 1076 12105 457 528 182 219 1308 227 253 50 25192 87 221
counts
Homopolymer length
Number of repeat units
Microhomology length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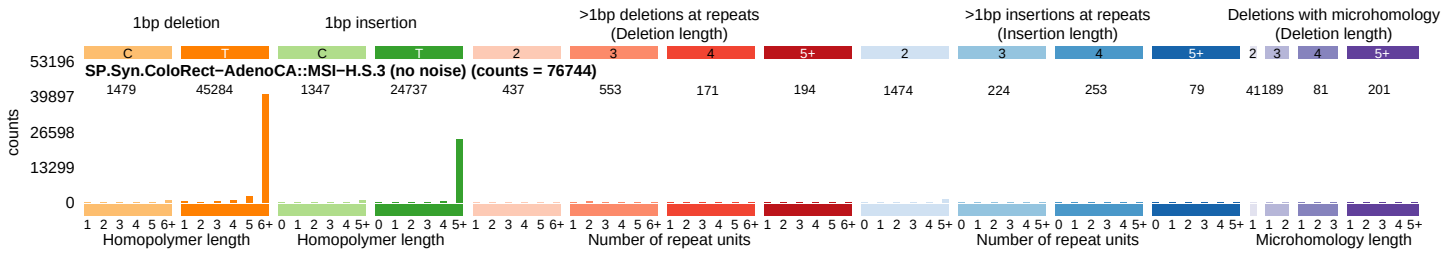
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.2 (no noise) (counts = 25749)
441 12538 495 11003 133 182 52 56 507 70 80 32 17 59 24 60
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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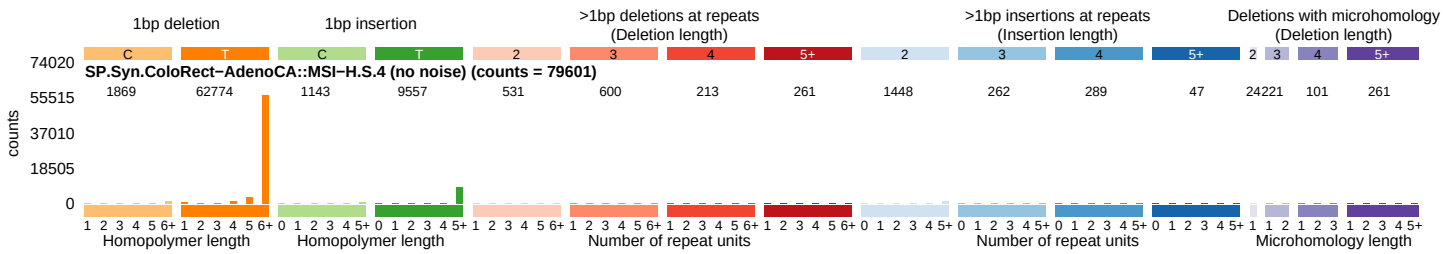
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.3 (no noise) (counts = 76744)
1479 45284 1347 24737 437 553 171 194 1474 224 253 79 41189 81 201
counts
Homopolymer length
Number of repeat units
Microhomology length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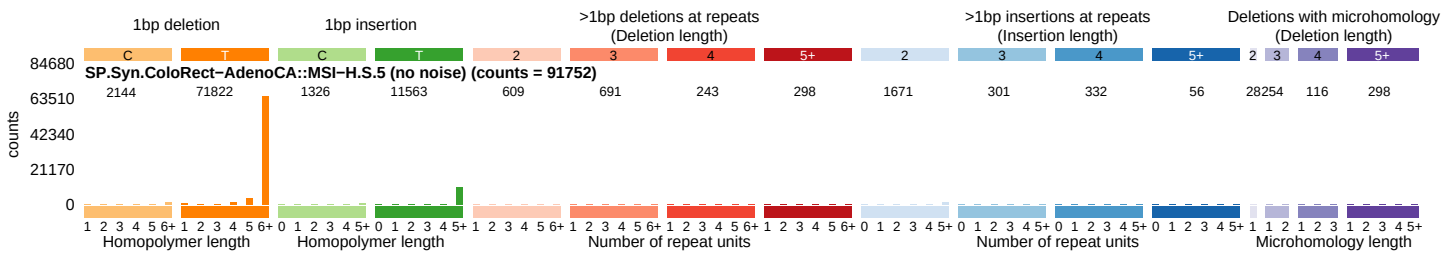
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.4 (no noise) (counts = 79601)
1869 62774 1143 9557 531 600 213 261 1448 262 289 47 24221 101 261
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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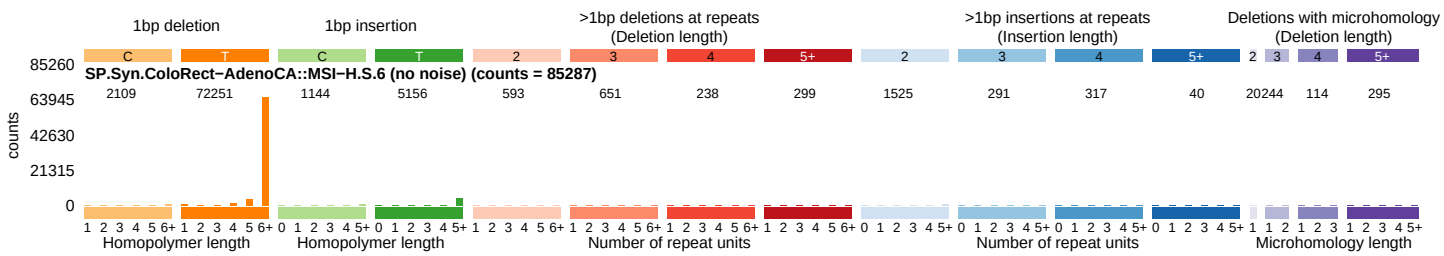
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.5 (no noise) (counts = 91752)
2144 71822 1326 11563 609 691 243 298 1671 301 332 56 28254 116 298
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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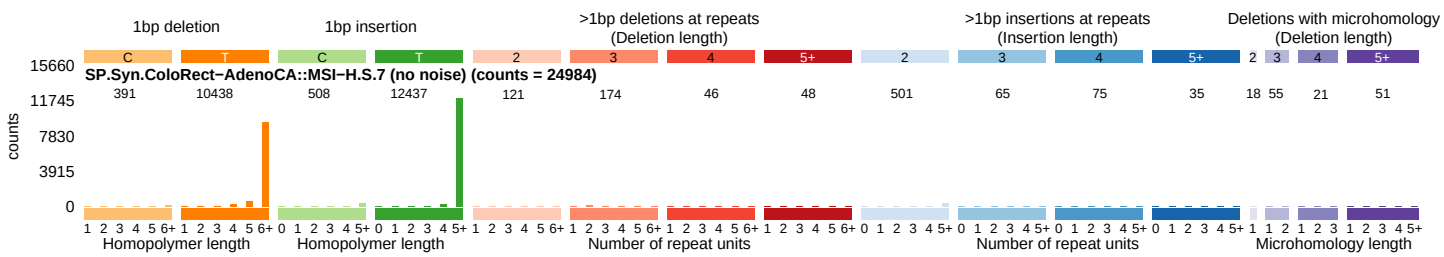
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.6 (no noise) (counts = 85287)
2109 72251 1144 5156 593 651 238 299 1525 291 317 40 20244 114 295
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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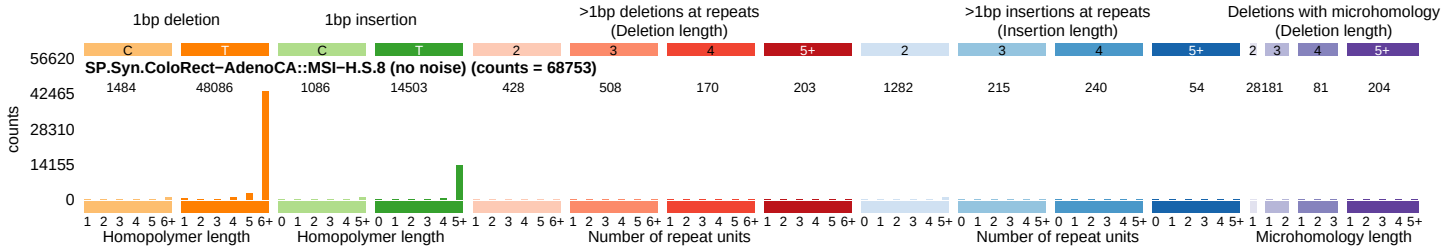
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.7 (no noise) (counts = 24984)
391 10438 508 12437 121 174 46 48 501 65 75 35 18 55 21 51
counts
Homopolymer length
Number of repeat units
Microhomology length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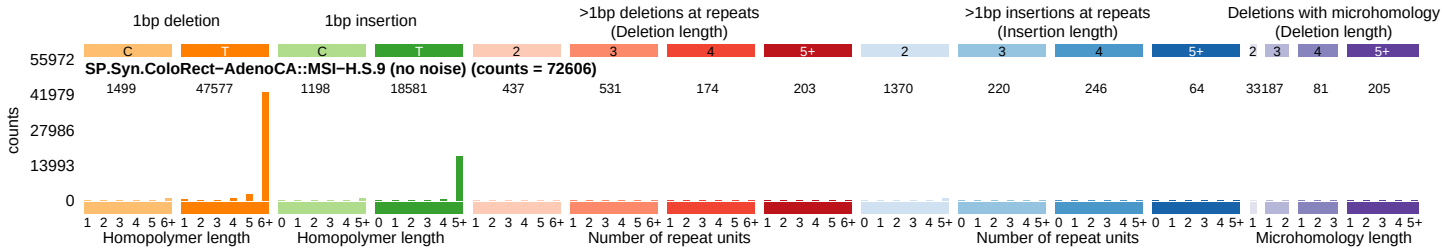
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.8 (no noise) (counts = 68753)
1484 48086 1086 14503 428 508 170 203 1282 215 240 54 28181 81 204
counts
Homopolymer length
Number of repeat units
Microhomology length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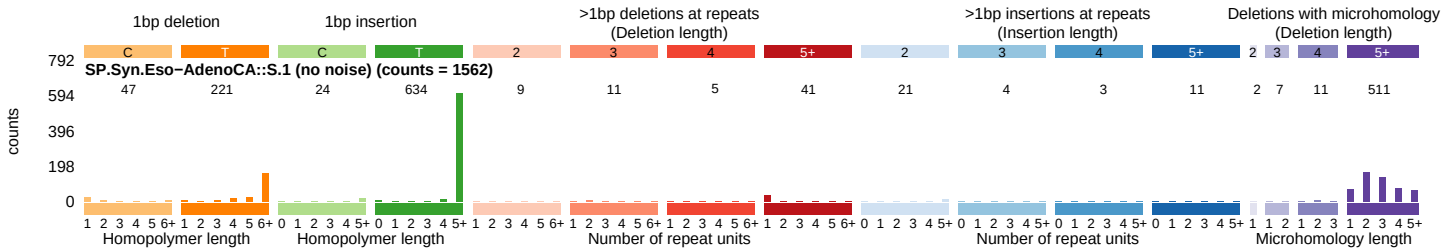
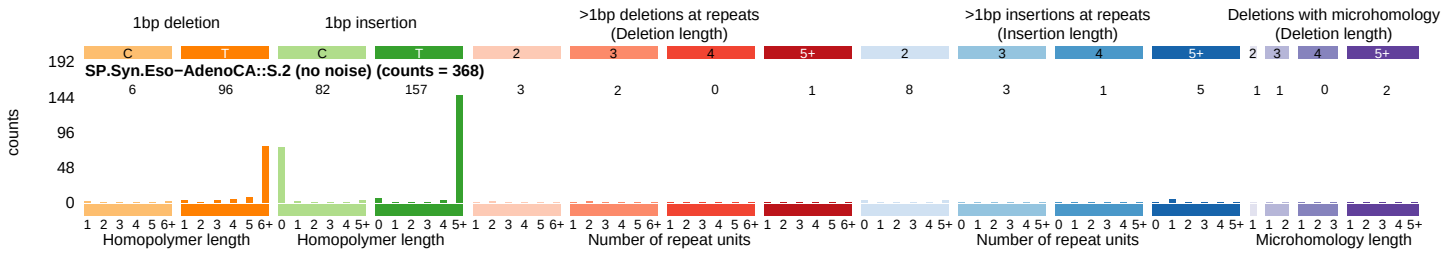
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.9 (no noise) (counts = 72606)
1499 47577 1198 18581 437 531 174 203 1370 220 246 64 33187 81 205
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.1 (no noise) (counts = 1562)
47 221 24 634 9 11 5 41 21 4 3 11 2 7 11 511
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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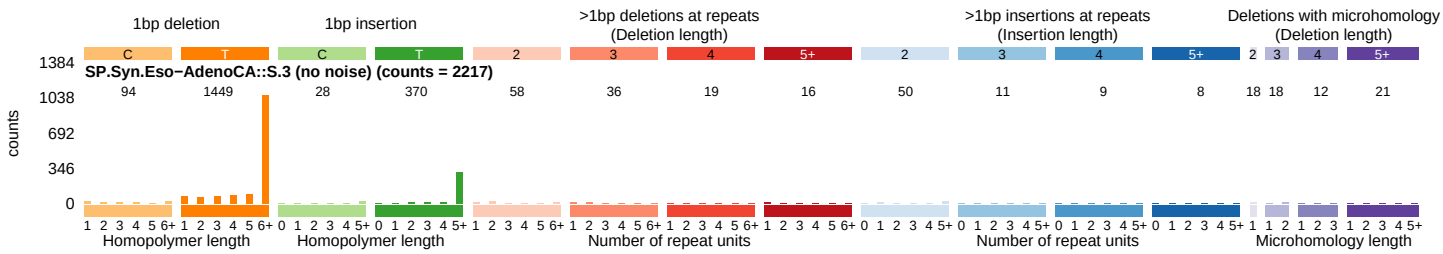
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.2 (no noise) (counts = 368)
6 96 82 157 3 2 0 1 8 3 1 5 1 1 0 2
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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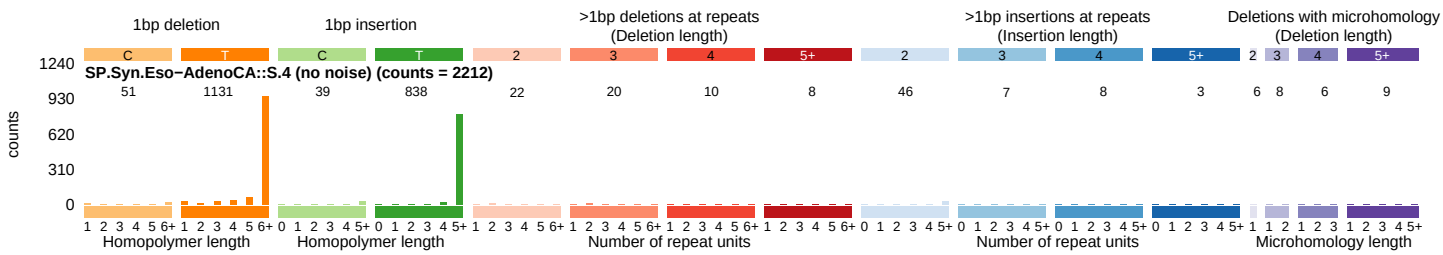
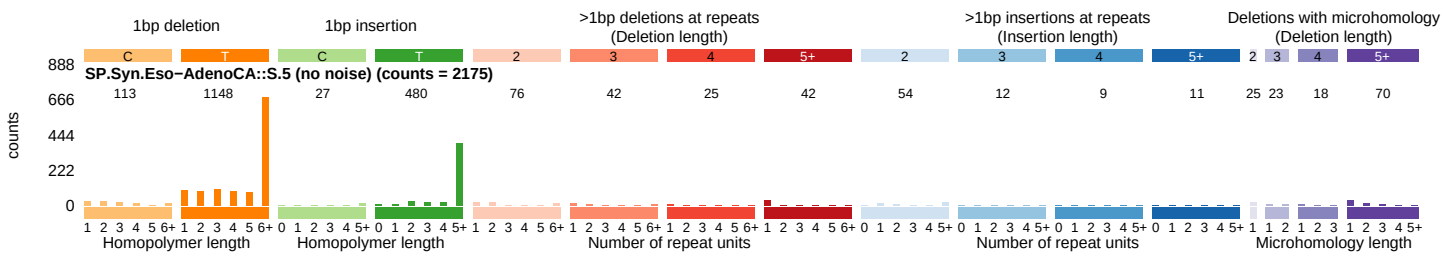
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.3 (no noise) (counts = 2217)
94 1449 28 370 58 36 19 16 50 11 9 8 18 18 12 21
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.4 (no noise) (counts = 2212)
51 1131 39 838 22 20 10 8 46 7 8 3 6 8 6 9
counts
Homopolymer length
Number of repeat units
Microhomology length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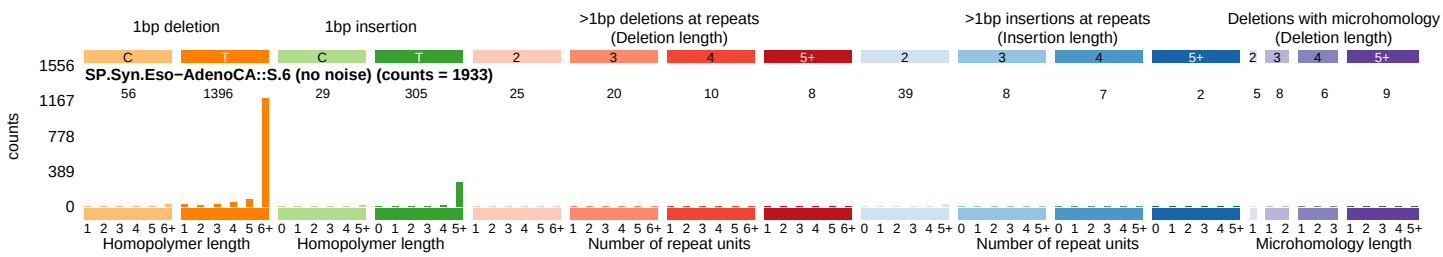
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.5 (no noise) (counts = 2175)
113 1148 27 480 76 42 25 42 54 12 9 11 25 23 18 70
counts
Homopolymer length
Number of repeat units
Microhomology length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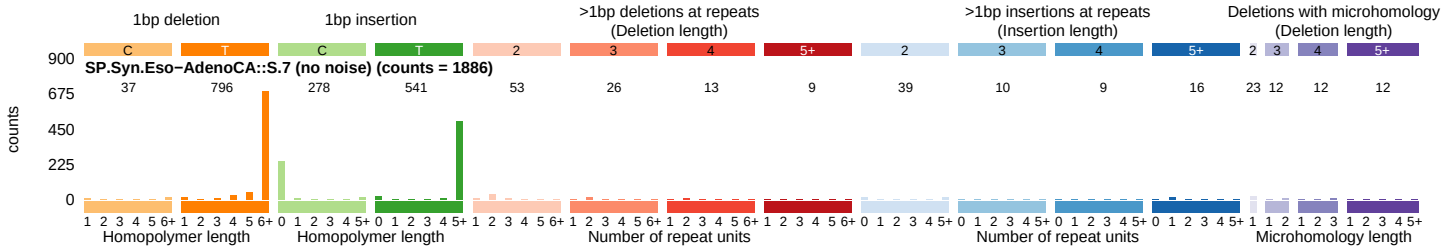
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.6 (no noise) (counts = 1933)
56 1396 29 305 25 20 10 8 39 8 7 2 5 8 6 9
counts
Homopolymer length
Number of repeat units
Microhomology length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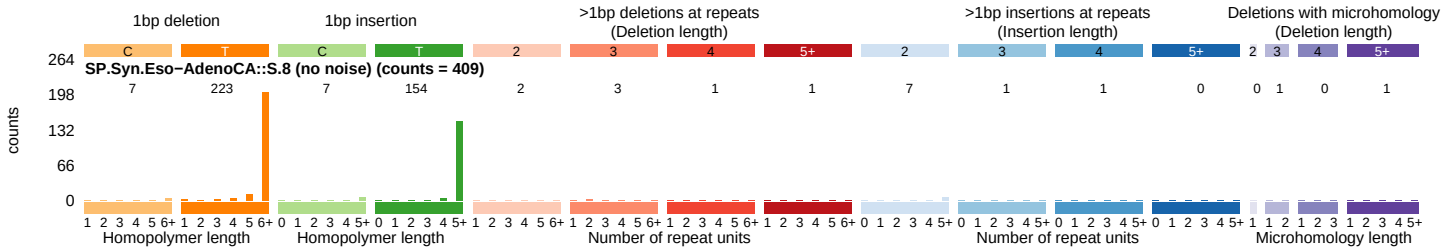
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.7 (no noise) (counts = 1886)
counts
Homopolymer length
Number of repeat units
Microhomology length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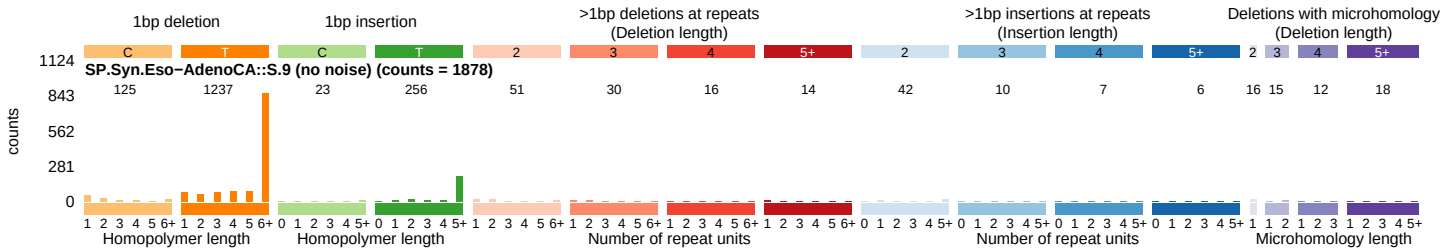
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.8 (no noise) (counts = 409)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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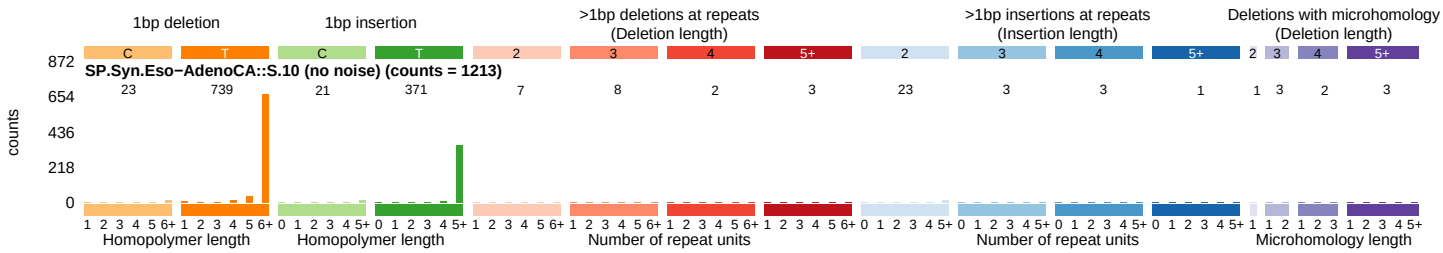
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.9 (no noise) (counts = 1878)
counts
Homopolymer length
Number of repeat units
Microhomology length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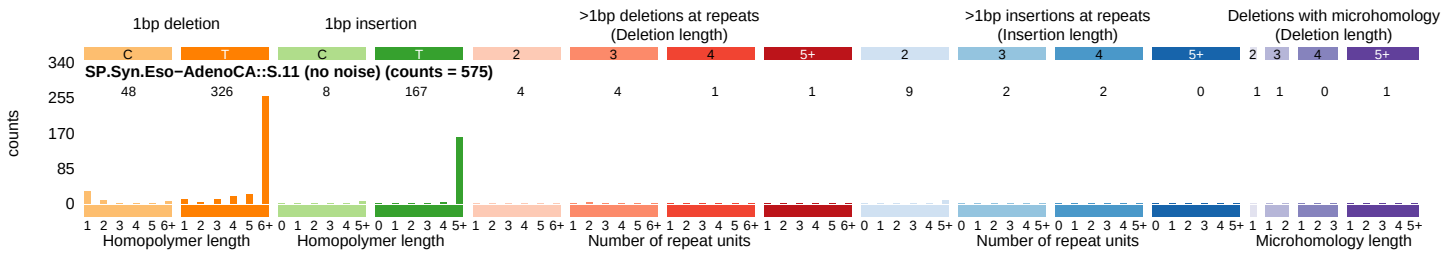
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.10 (no noise) (counts = 1213)
counts
Homopolymer length
Number of repeat units
Microhomology length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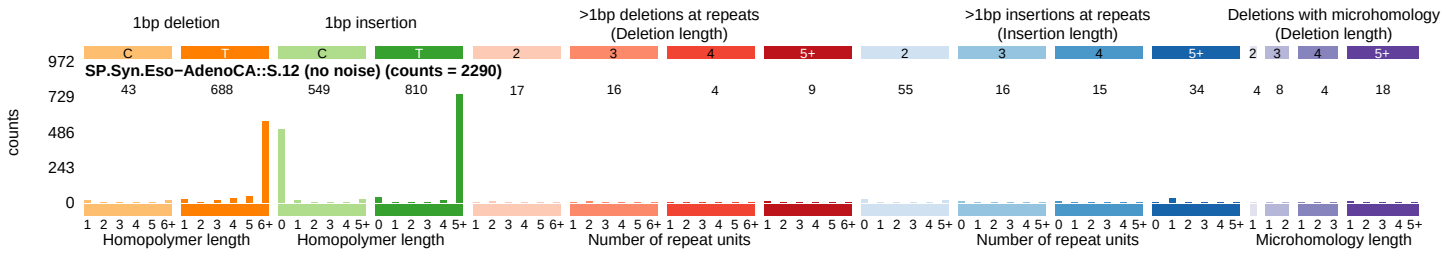
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.11 (no noise) (counts = 575)
counts
Homopolymer length
Number of repeat units
Microhomology length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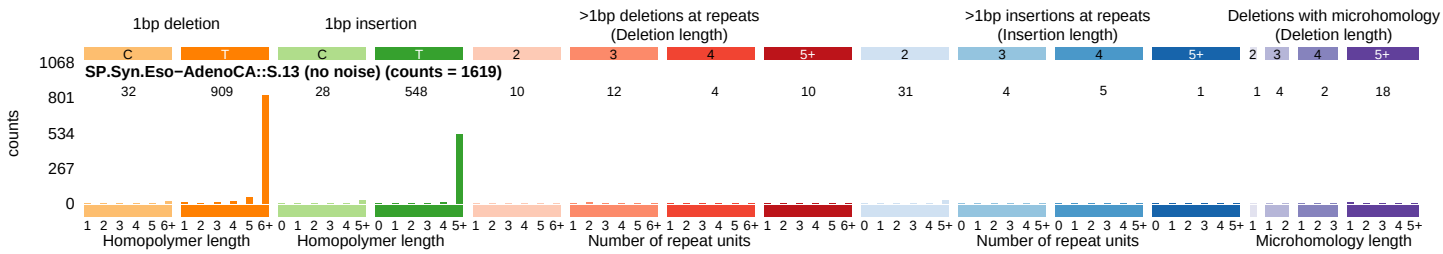
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.12 (no noise) (counts = 2290)
counts
Homopolymer length
Number of repeat units
Microhomology length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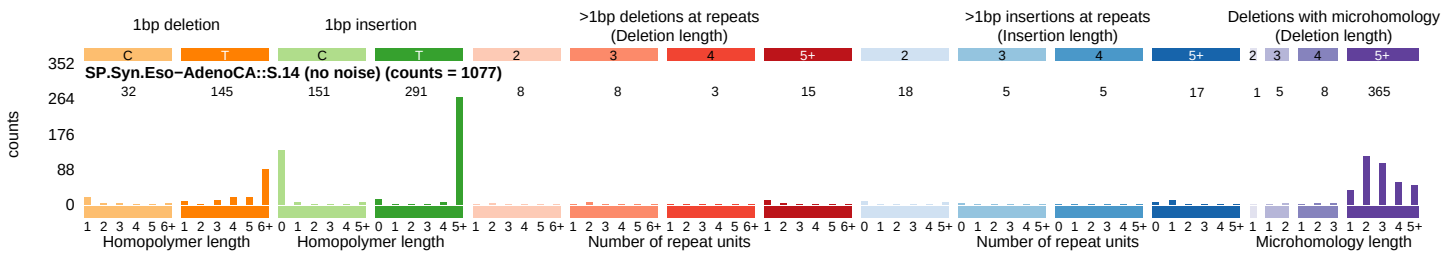
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.13 (no noise) (counts = 1619)
counts
Homopolymer length
Number of repeat units
Microhomology length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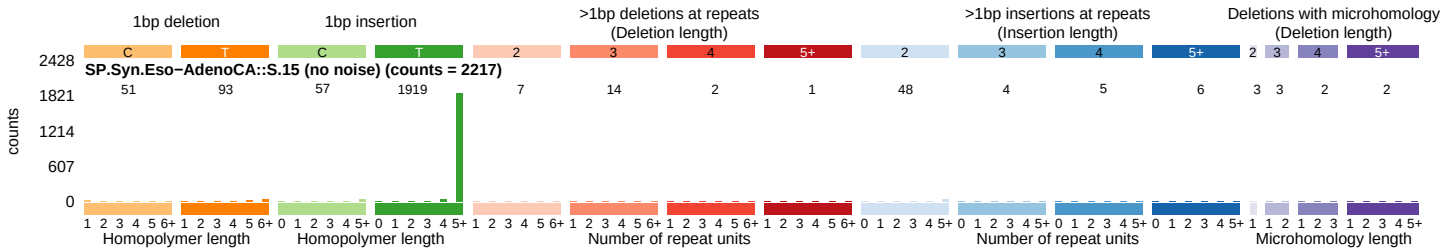
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.14 (no noise) (counts = 1077)
counts
Homopolymer length
Number of repeat units
Microhomology length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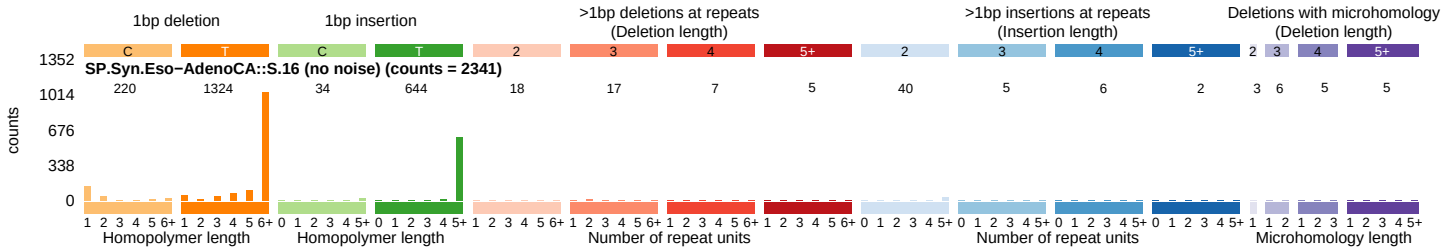
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.15 (no noise) (counts = 2217)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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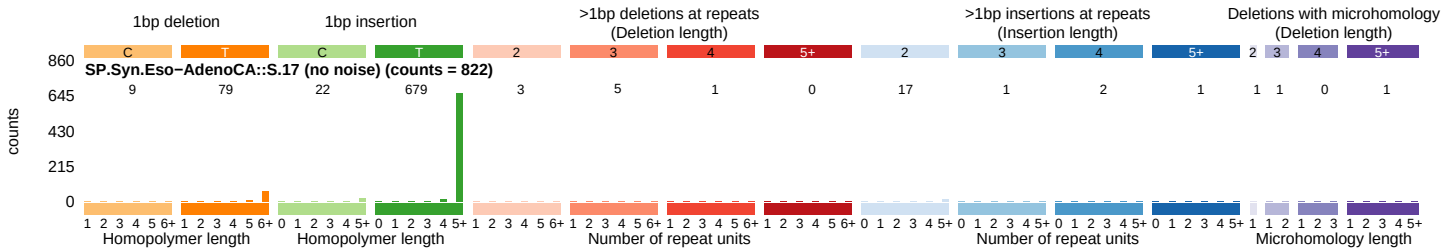
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.16 (no noise) (counts = 2341)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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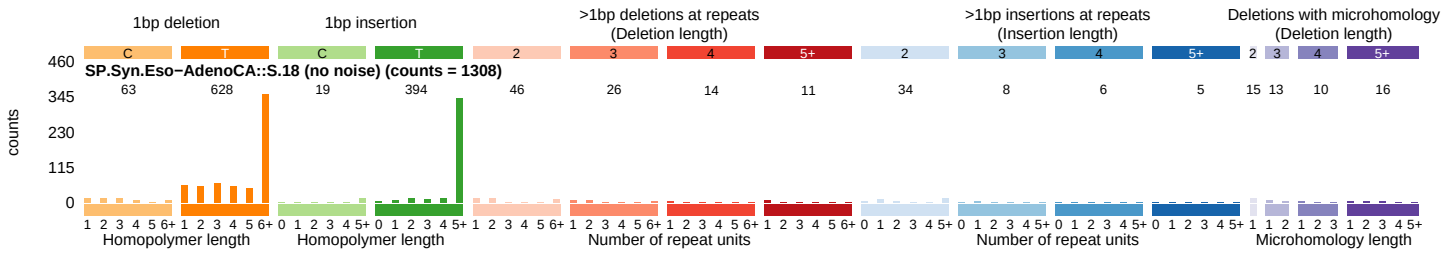
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.17 (no noise) (counts = 822)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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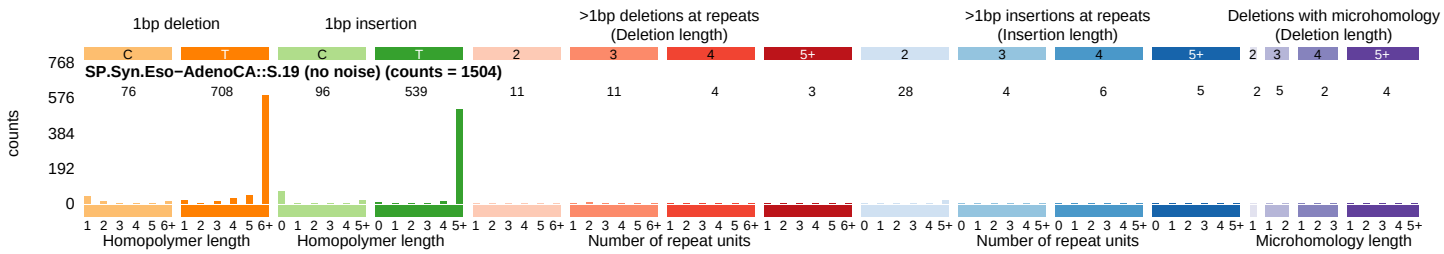
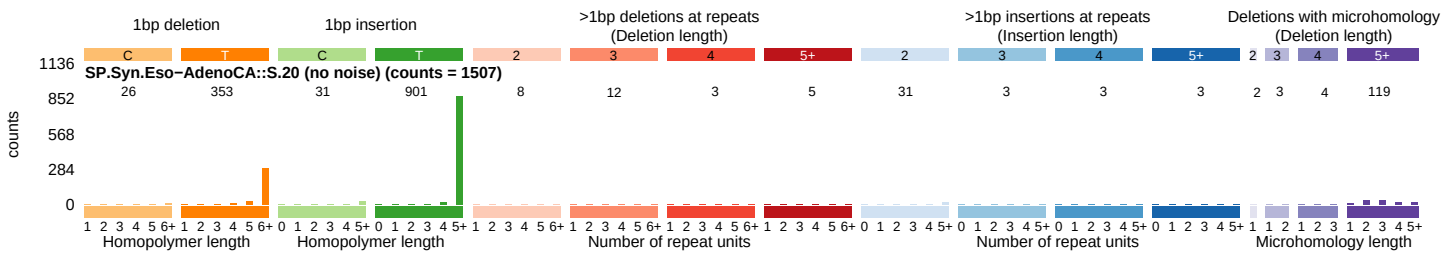
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.18 (no noise) (counts = 1308)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.19 (no noise) (counts = 1504)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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>1bp deletions at repeats (Deletion length)
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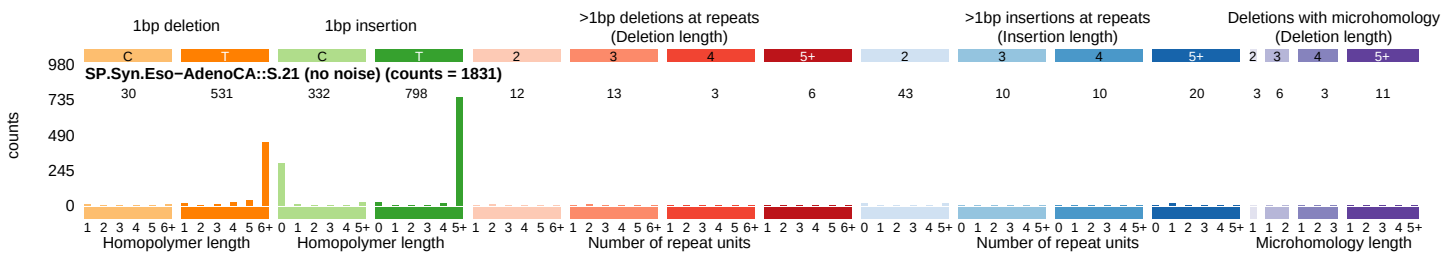
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.20 (no noise) (counts = 1507)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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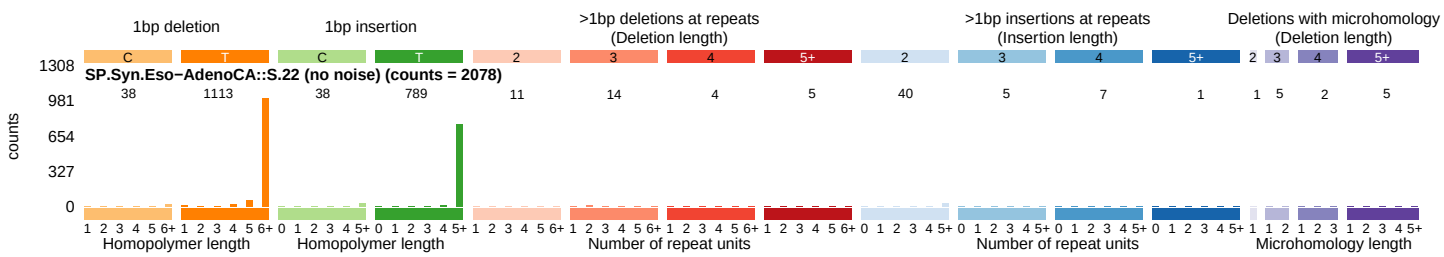
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.21 (no noise) (counts = 1831)
counts
Homopolymer length
Number of repeat units
Microhomology length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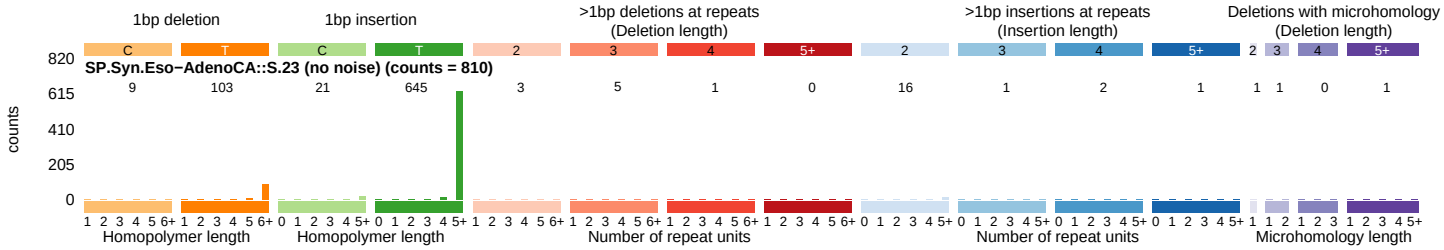
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.22 (no noise) (counts = 2078)
counts
Homopolymer length
Number of repeat units
Microhomology length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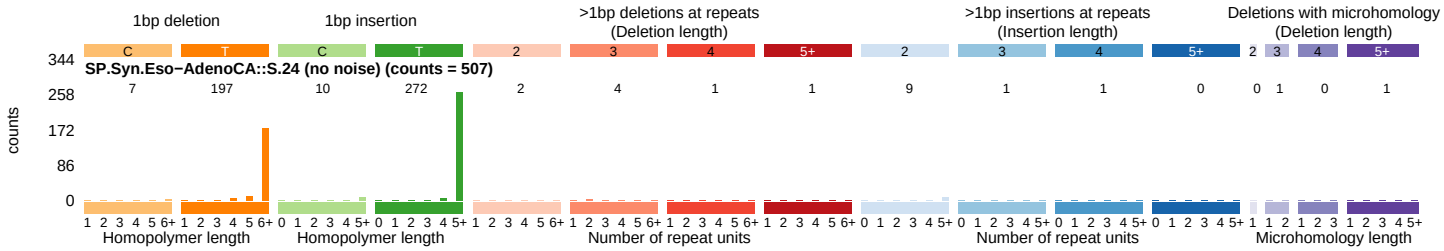
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.23 (no noise) (counts = 810)
counts
Homopolymer length
Number of repeat units
Microhomology length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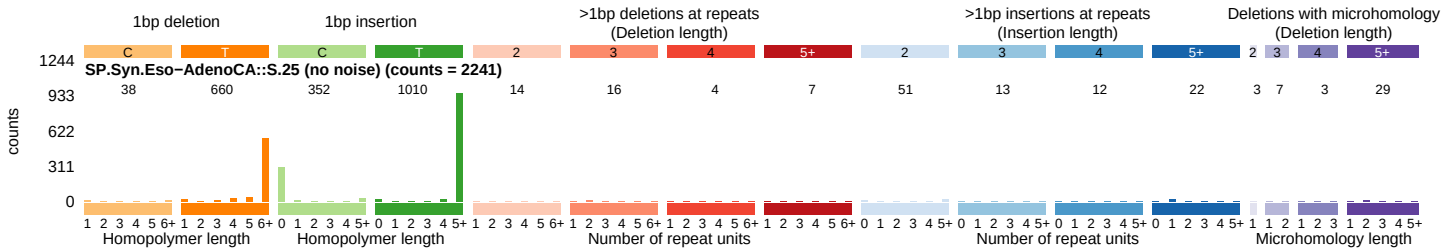
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.24 (no noise) (counts = 507)
counts
Homopolymer length
Number of repeat units
Microhomology length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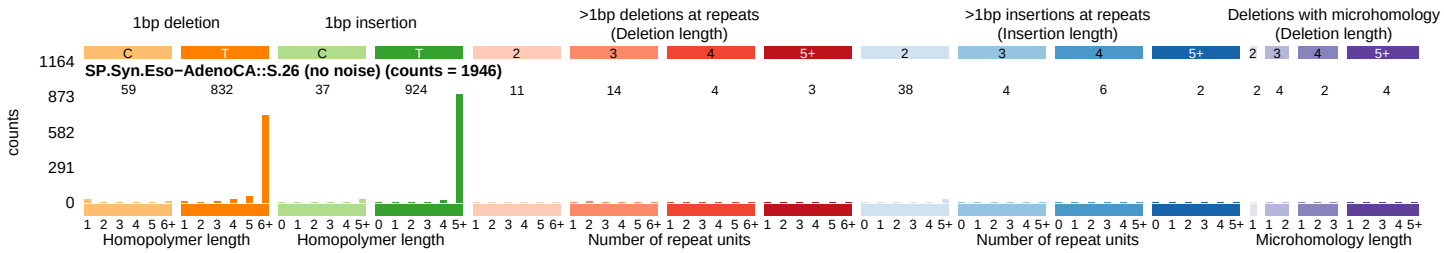
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.25 (no noise) (counts = 2241)
counts
Homopolymer length
Number of repeat units
Microhomology length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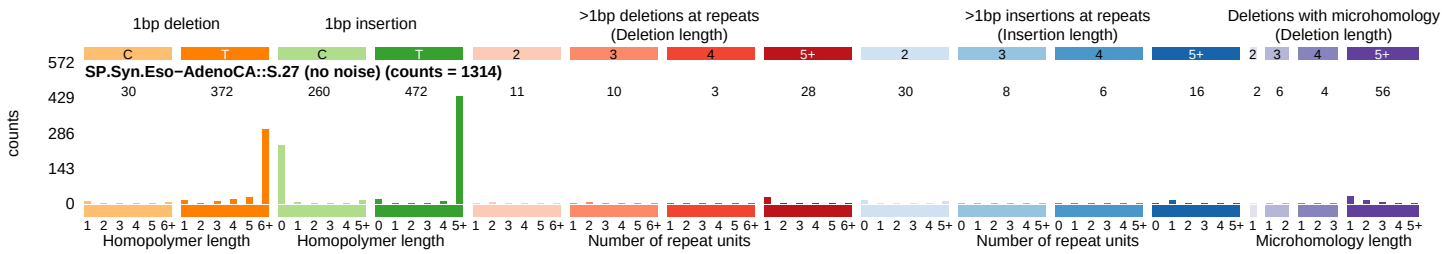
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.26 (no noise) (counts = 1946)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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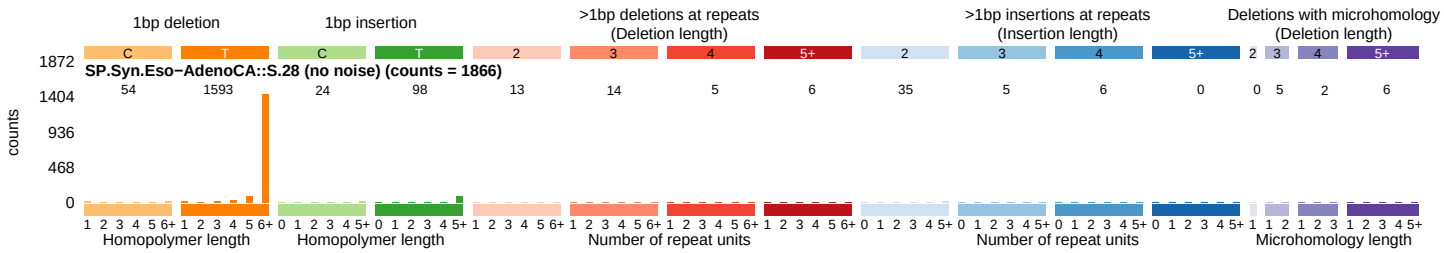
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.27 (no noise) (counts = 1314)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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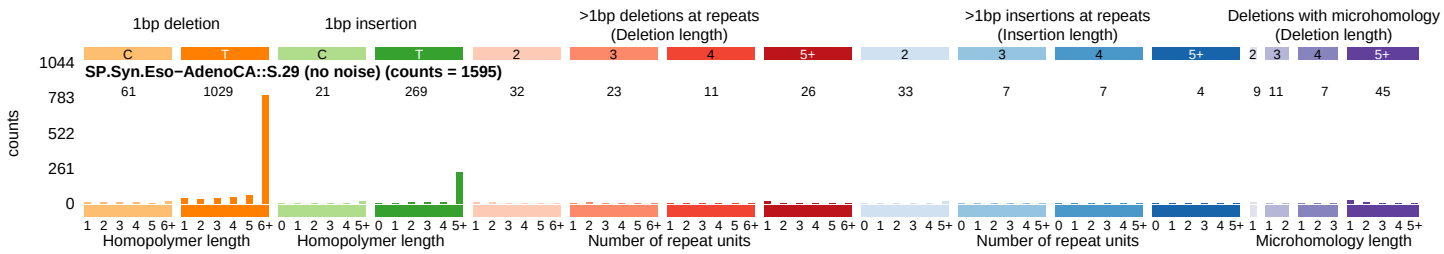
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.28 (no noise) (counts = 1866)
counts
Homopolymer length
Number of repeat units
Microhomology length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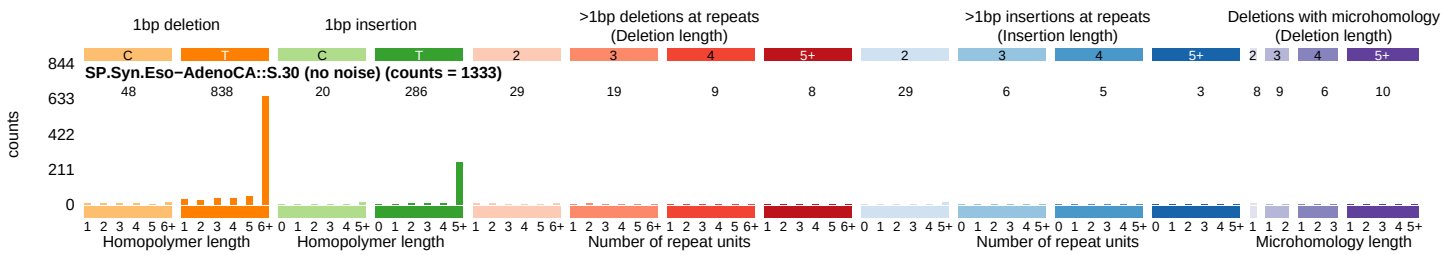
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.29 (no noise) (counts = 1595)
counts
Homopolymer length
Number of repeat units
Microhomology length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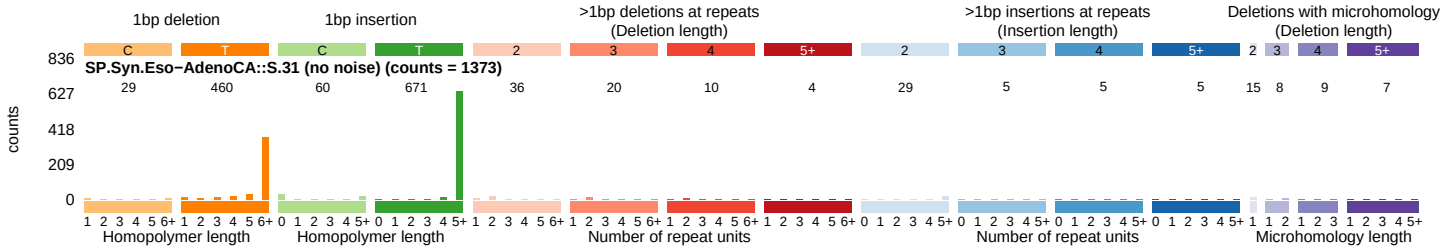
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.30 (no noise) (counts = 1333)
counts
Homopolymer length
Number of repeat units
Microhomology length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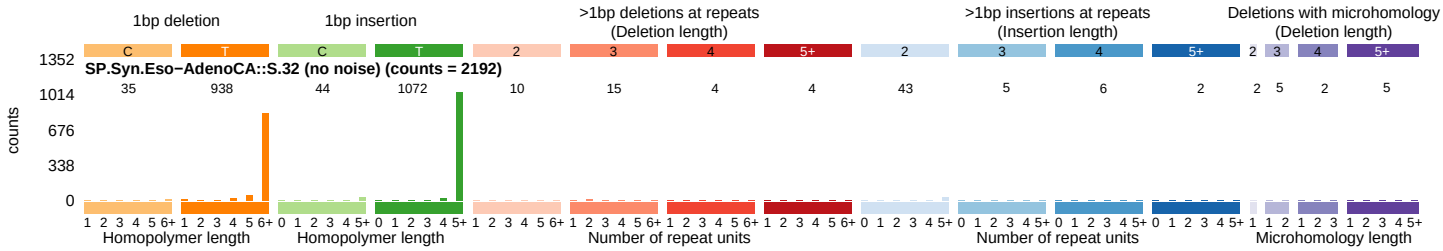
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.31 (no noise) (counts = 1373)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
29 460 60 671 36 20 10 4 29 5 5 5 15 8 9 7
counts
836 627 418 209 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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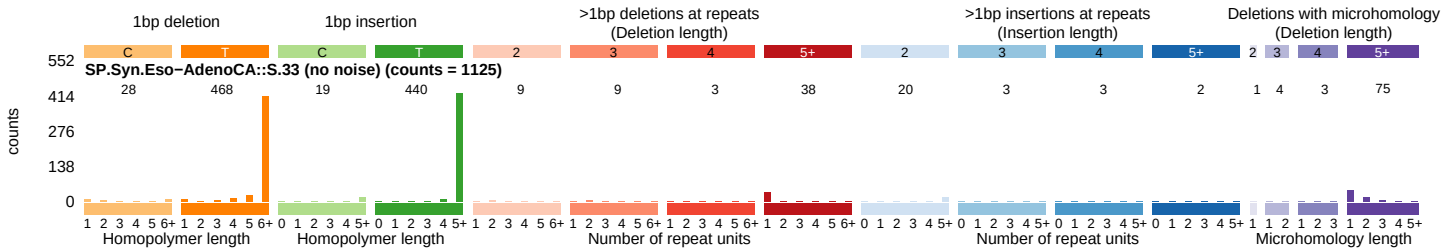
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.32 (no noise) (counts = 2192)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
35 938 44 1072 10 15 4 4 43 5 6 2 2 5 2 5
counts
1352 1014 676 338 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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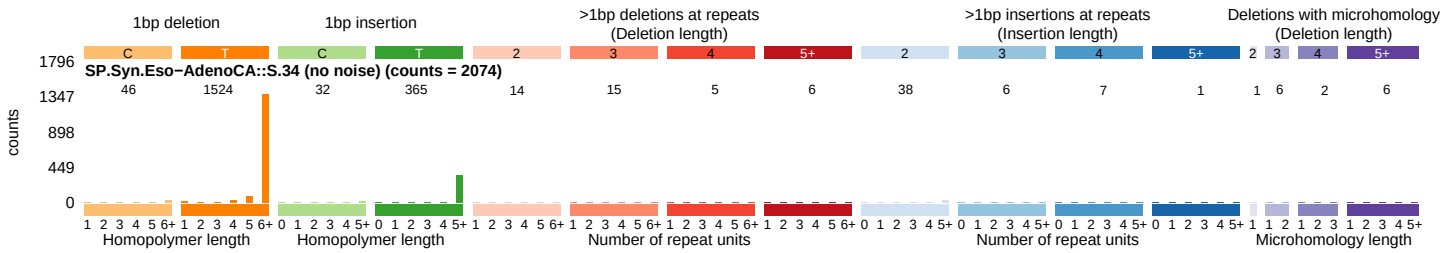
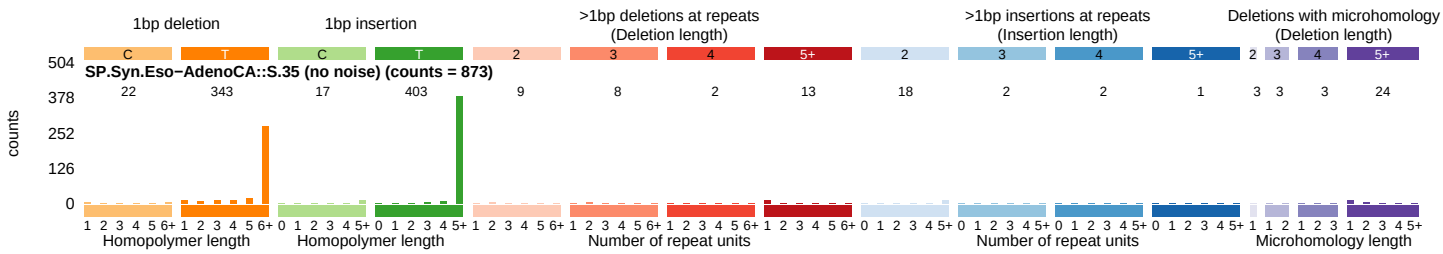
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.33 (no noise) (counts = 1125)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
28 468 19 440 9 9 3 38 20 3 3 2 1 4 3 75
counts
552 414 276 138 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.34 (no noise) (counts = 2074)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
46 1524 32 365 14 15 5 6 38 6 7 1 1 6 2 6
counts
1796 1347 898 449 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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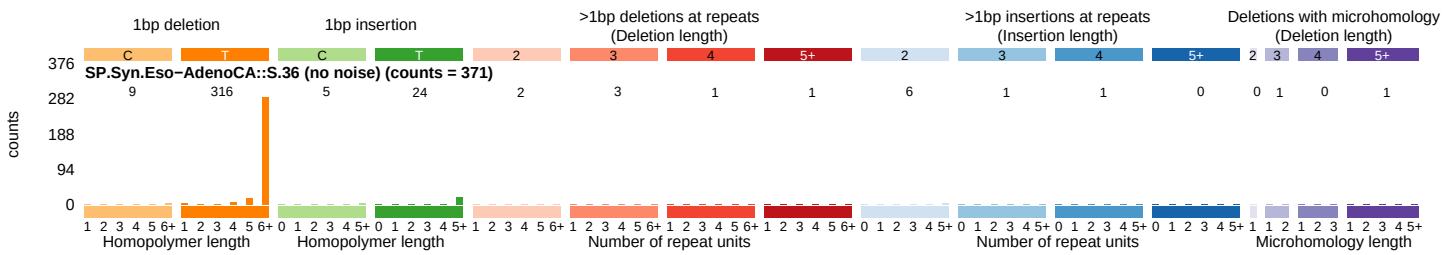
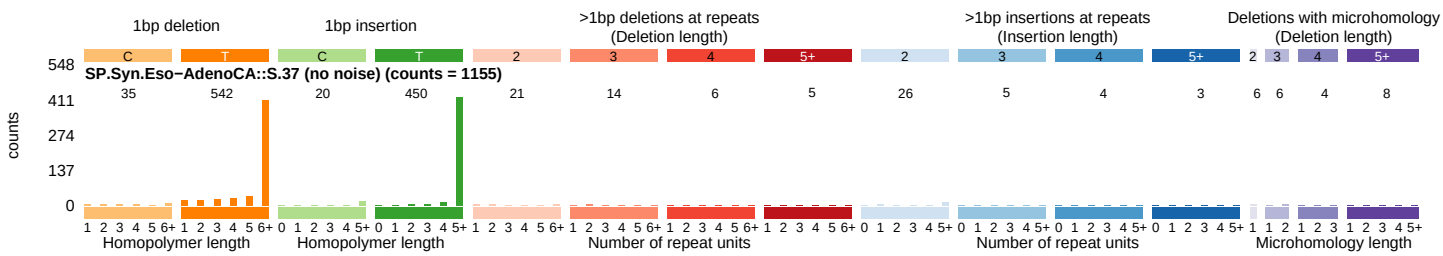
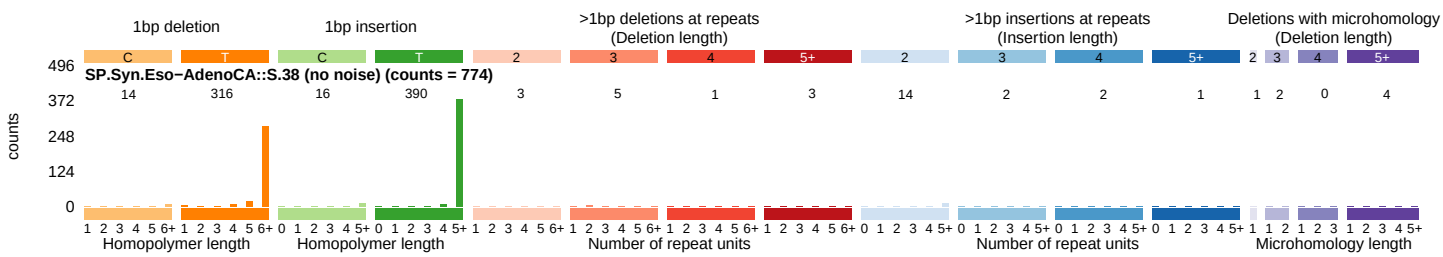
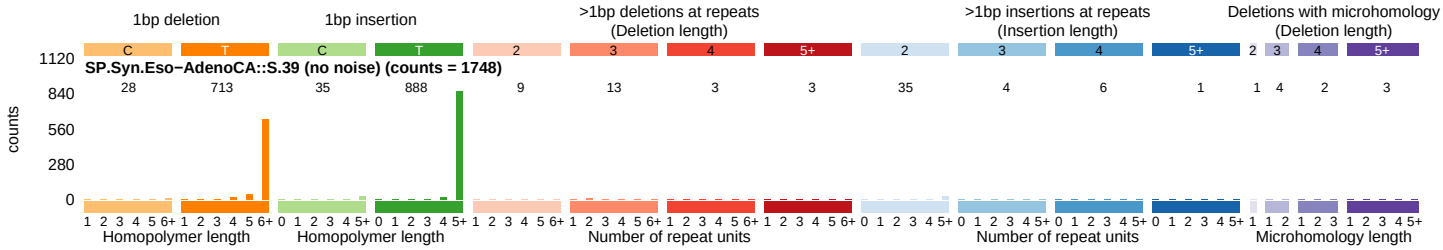
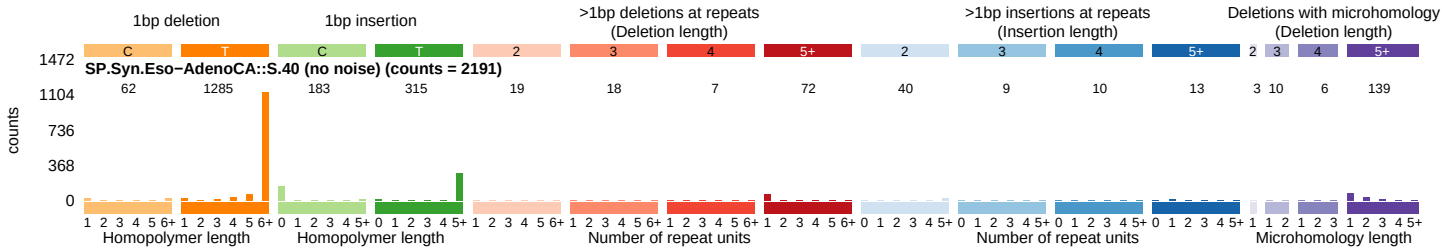
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.35 (no noise) (counts = 873)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
22 343 17 403 9 8 2 13 18 2 2 1 3 3 3 24
counts
504 378 252 126 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.36 (no noise) (counts = 371)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
9 316 5 24 2 3 1 1 6 1 1 0 0 1 0 1
counts
376 282 188 94 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.37 (no noise) (counts = 1155)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
35 542 20 450 21 14 6 5 26 5 4 3 6 6 4 8
counts
548 411 274 137 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.38 (no noise) (counts = 774)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
14 316 16 390 3 5 1 3 14 2 2 1 1 2 0 4
counts
496 372 248 124 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.39 (no noise) (counts = 1748)
28 713 35 888 9 13 3 3 35 4 6 1 1 4 2 3
counts
Homopolymer length
Number of repeat units
Microhomology length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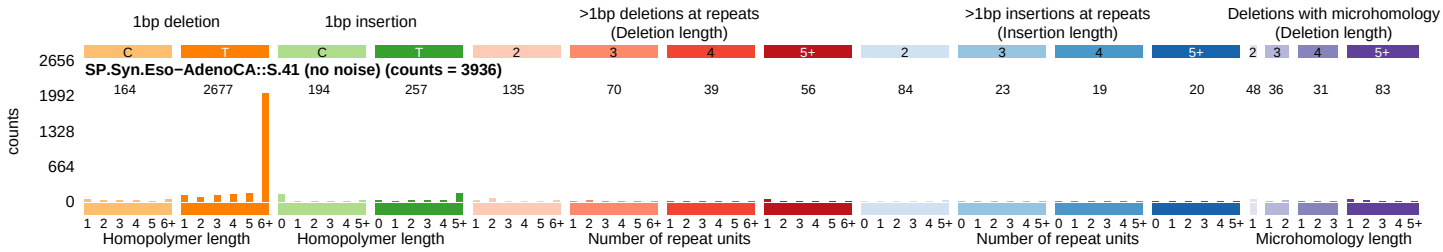
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.40 (no noise) (counts = 2191)
62 1285 183 315 19 18 7 72 40 9 10 13 3 10 6 139
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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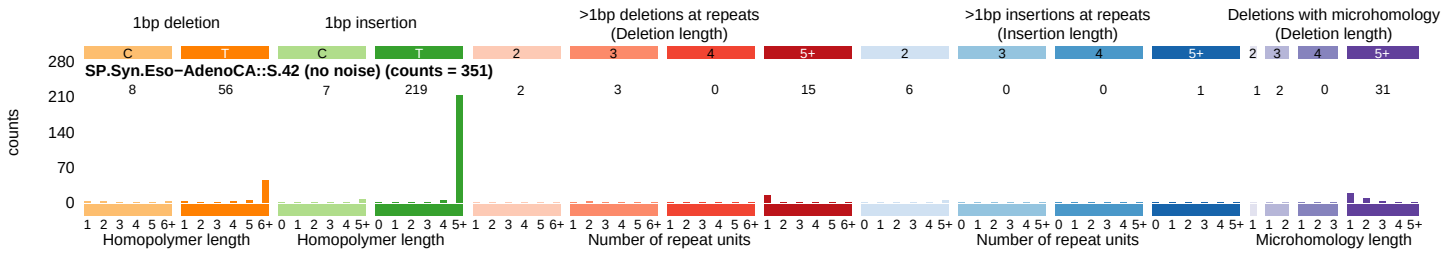
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.41 (no noise) (counts = 3936)
164 2677 194 257 135 70 39 56 84 23 19 20 48 36 31 83
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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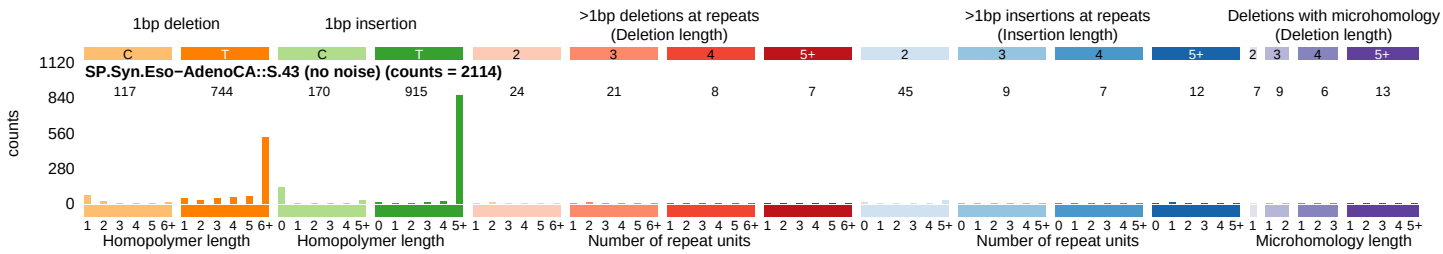
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.42 (no noise) (counts = 351)
8 56 7 219 2 3 0 15 6 0 0 1 1 2 0 31
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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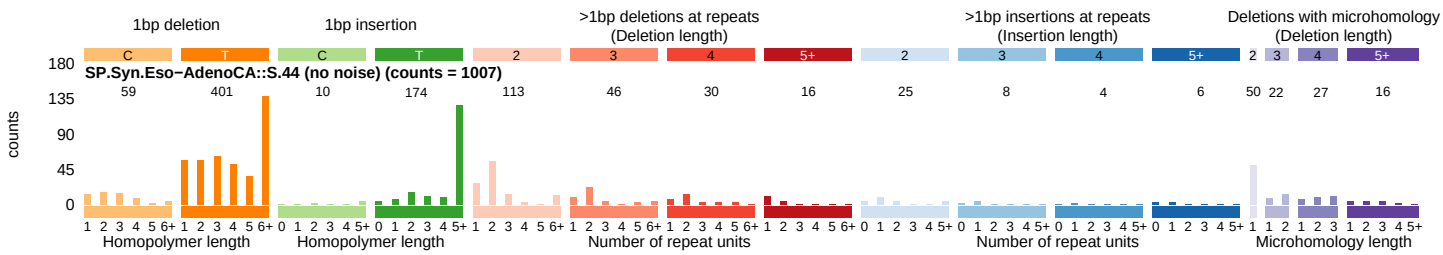
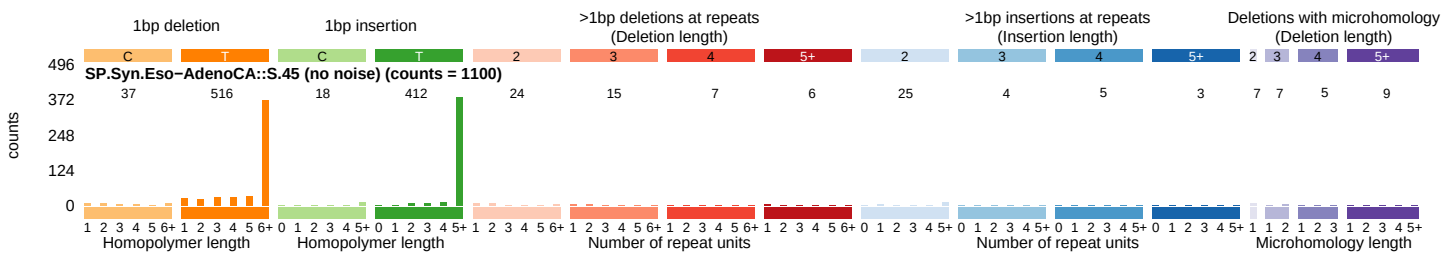
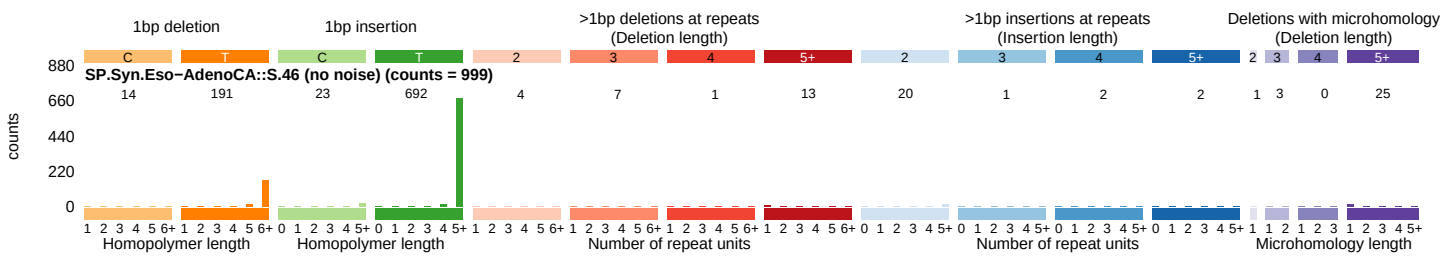
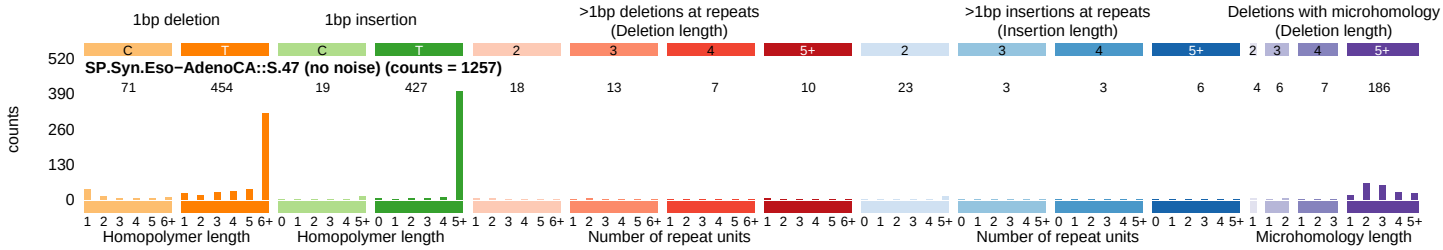
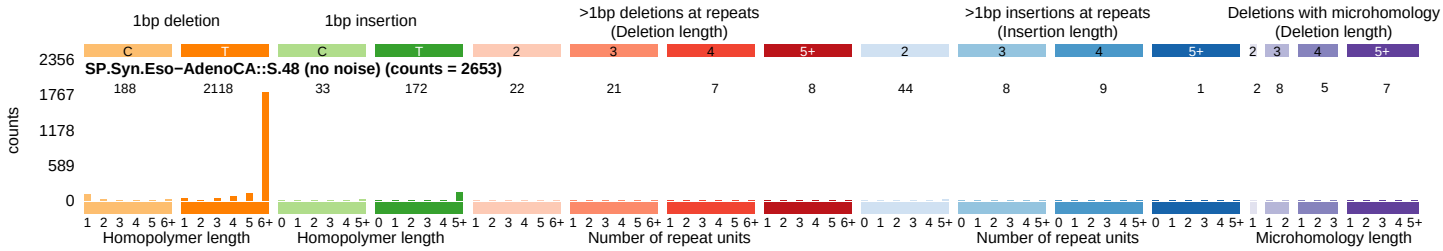
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.43 (no noise) (counts = 2114)
117 744 170 915 24 21 8 7 45 9 7 12 7 9 6 13
counts
Homopolymer length
Number of repeat units
Microhomology length

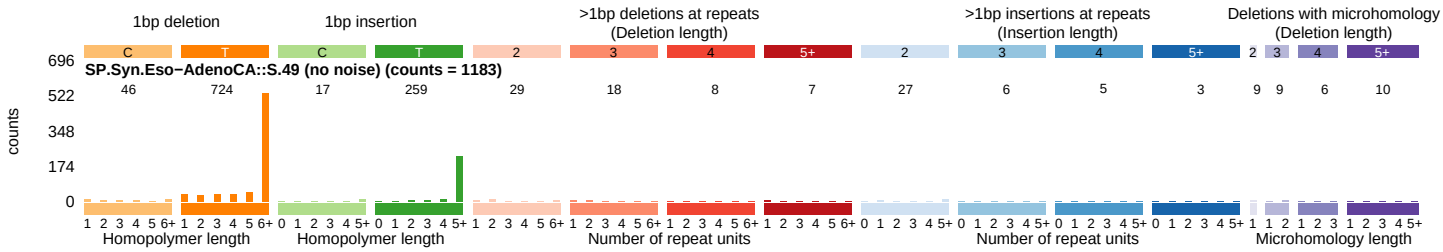

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.44 (no noise) (counts = 1007)
59 401 10 174 113 46 30 16 25 8 4 6 50 22 27 16
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.45 (no noise) (counts = 1100)
37 516 18 412 24 15 7 6 25 4 5 3 7 7 5 9
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.46 (no noise) (counts = 999)
14 191 23 692 4 7 1 13 20 1 2 2 1 3 0 25
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.47 (no noise) (counts = 1257)
71 454 19 427 18 13 7 10 23 3 3 6 4 6 7 186
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.48 (no noise) (counts = 2653)
188 2118 33 172 22 21 7 8 44 8 9 1 2 8 5 7
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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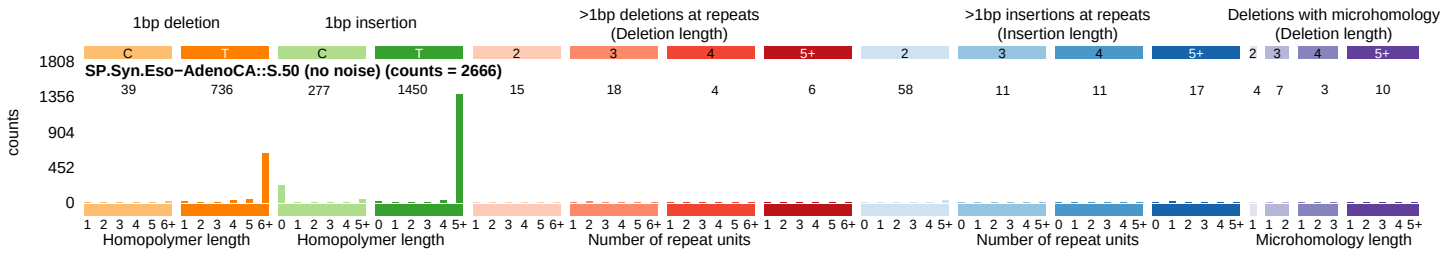
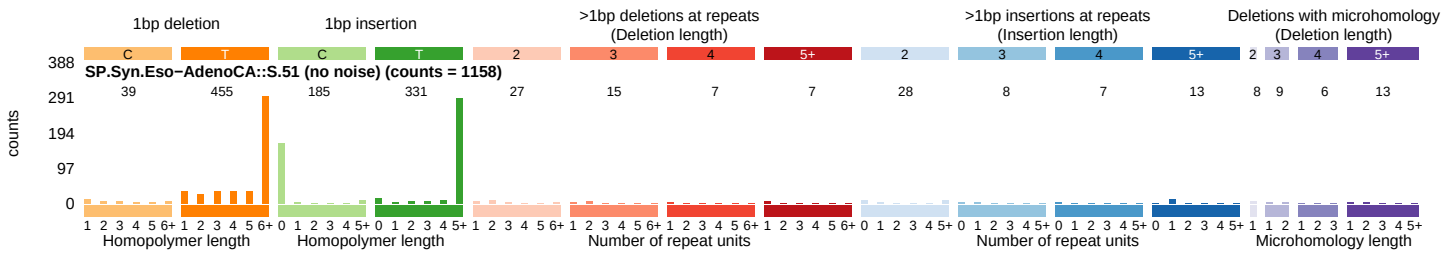
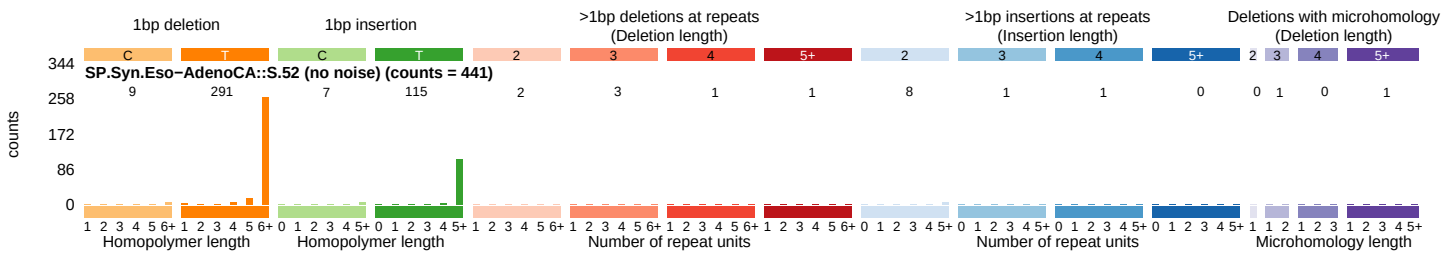
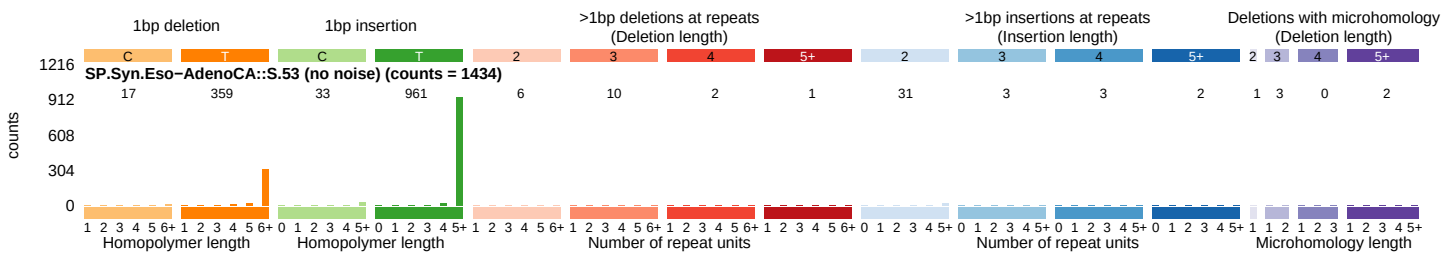
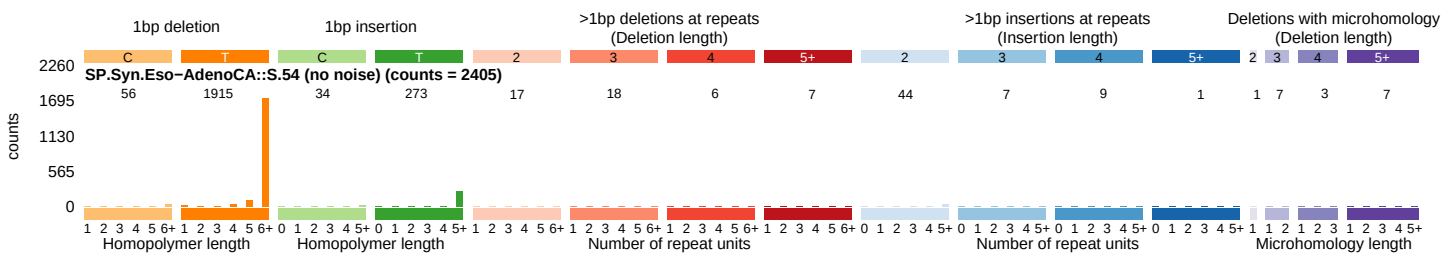
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.49 (no noise) (counts = 1183)
46 724 17 259 29 18 8 7 27 6 5 3 9 9 6 10
counts
Homopolymer length
Number of repeat units
Microhomology length

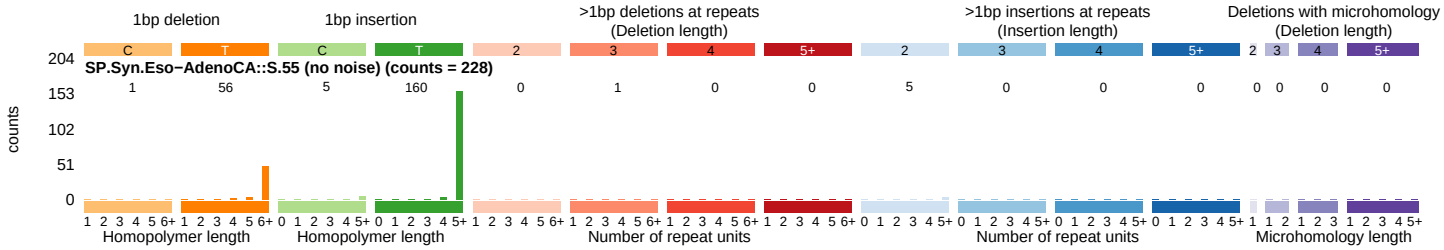

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.50 (no noise) (counts = 2666)
39 736 277 1450 15 18 4 6 58 11 11 17 4 7 3 10
counts
Homopolymer length
Number of repeat units
Microhomology length

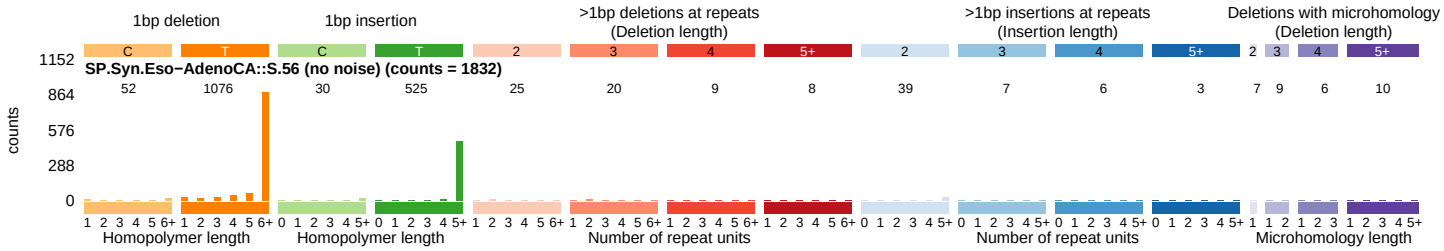

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.51 (no noise) (counts = 1158)
39 455 185 331 27 15 7 7 28 8 7 13 8 9 6 13
counts
Homopolymer length
Number of repeat units
Microhomology length

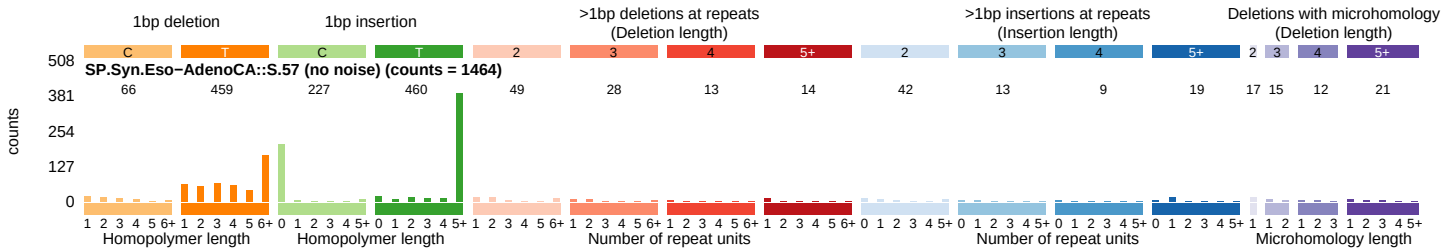

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.52 (no noise) (counts = 441)
9 291 7 115 2 3 1 1 8 1 1 0 0 1 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length

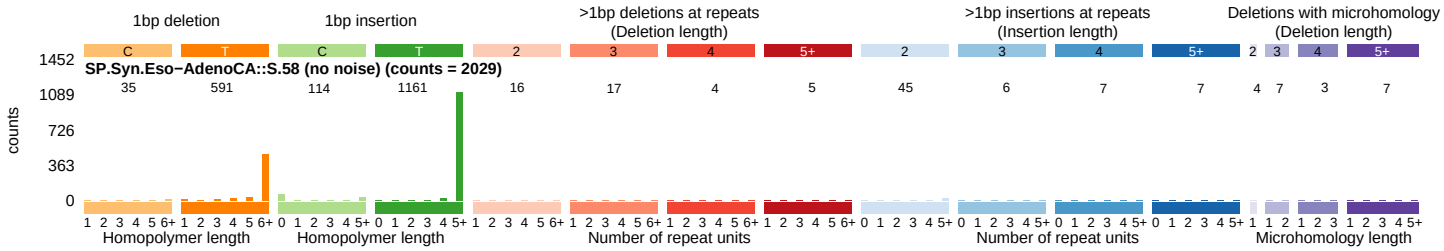

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.53 (no noise) (counts = 1434)
17 359 33 961 6 10 2 1 31 3 3 2 1 3 0 2
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.54 (no noise) (counts = 2405)
56 1915 34 273 17 18 6 7 44 7 9 1 1 7 3 7
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.55 (no noise) (counts = 228)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.56 (no noise) (counts = 1832)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.57 (no noise) (counts = 1464)
counts
Homopolymer length
Number of repeat units
Microhomology length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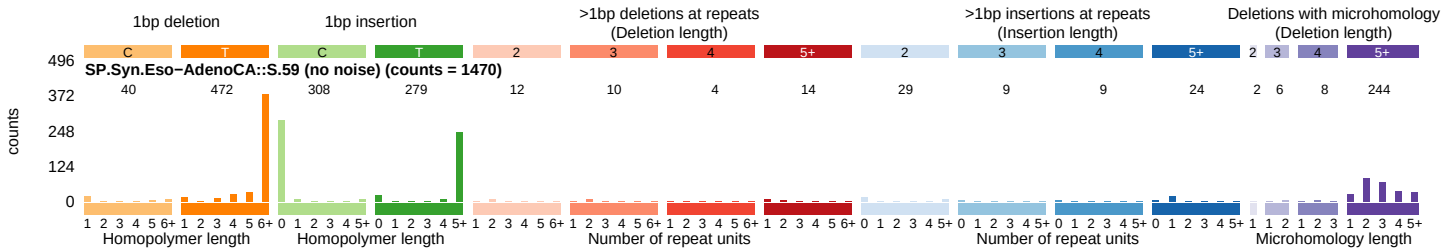
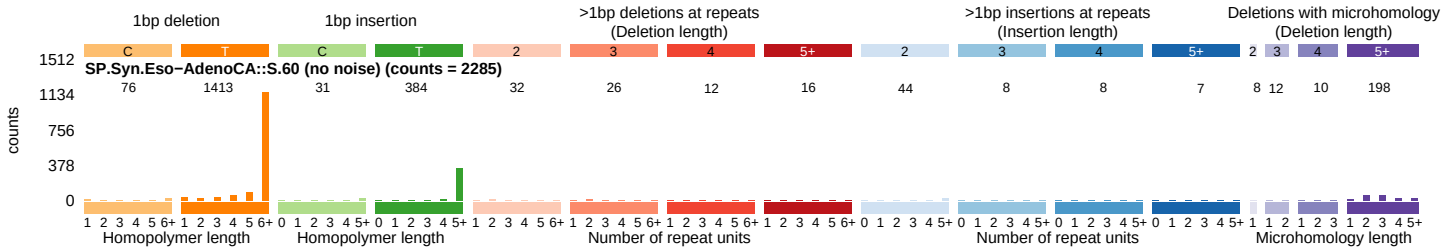
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.58 (no noise) (counts = 2029)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.59 (no noise) (counts = 1470)
counts
Homopolymer length
Number of repeat units
Microhomology length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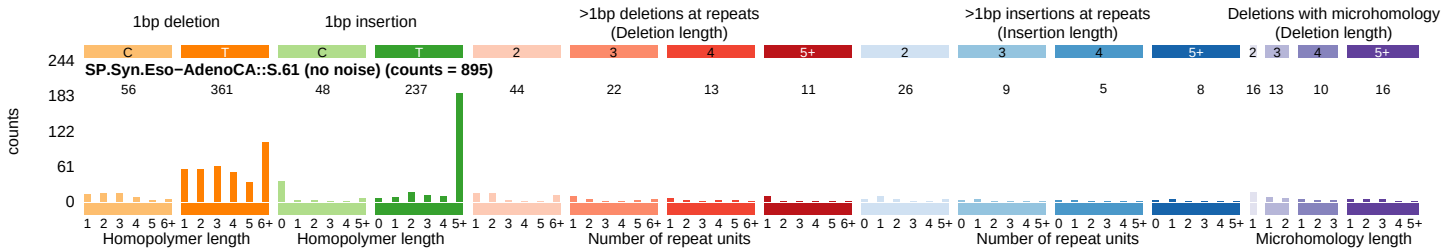
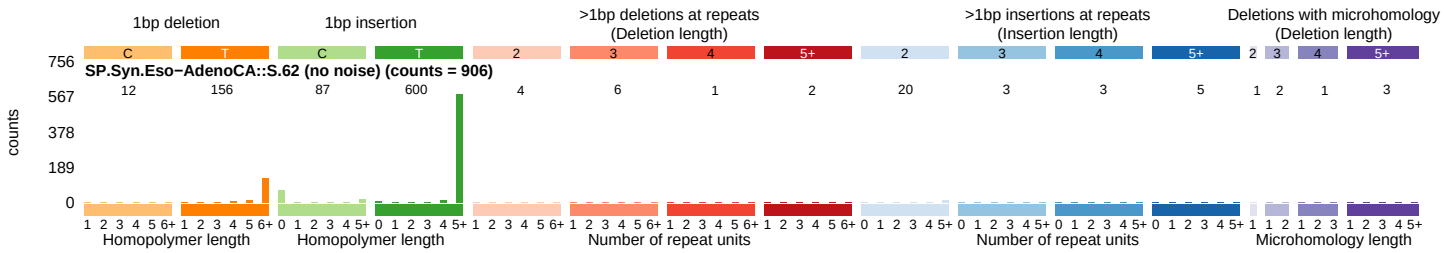
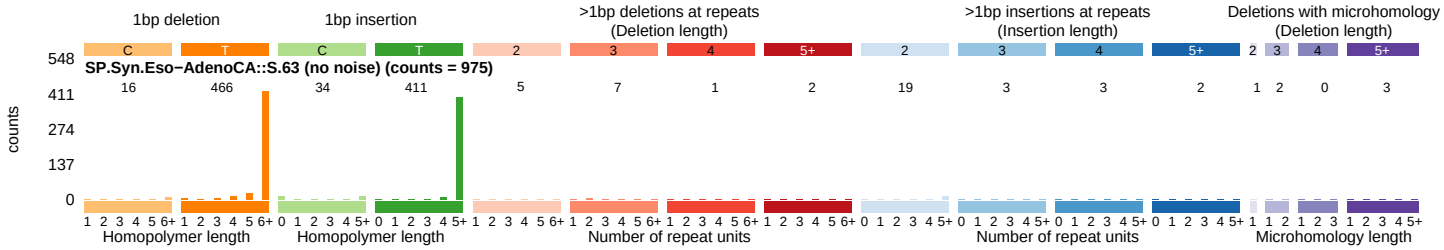
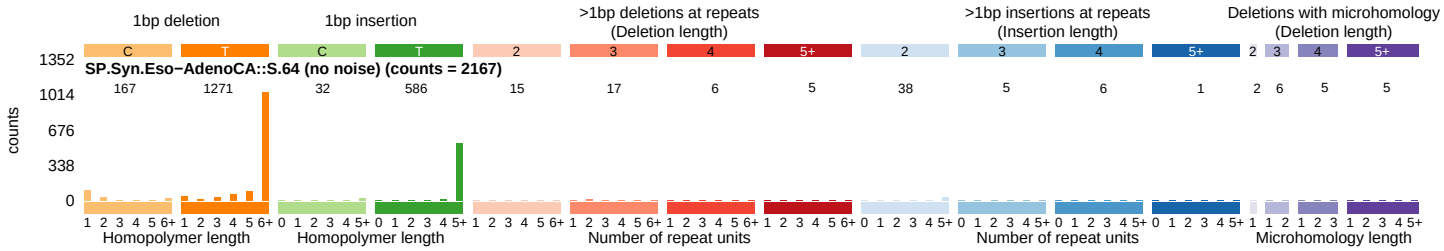
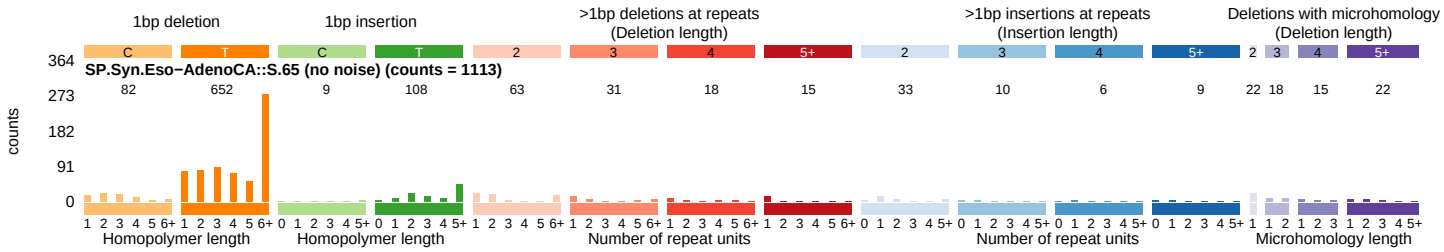
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.60 (no noise) (counts = 2285)
counts
Homopolymer length
Number of repeat units
Microhomology length

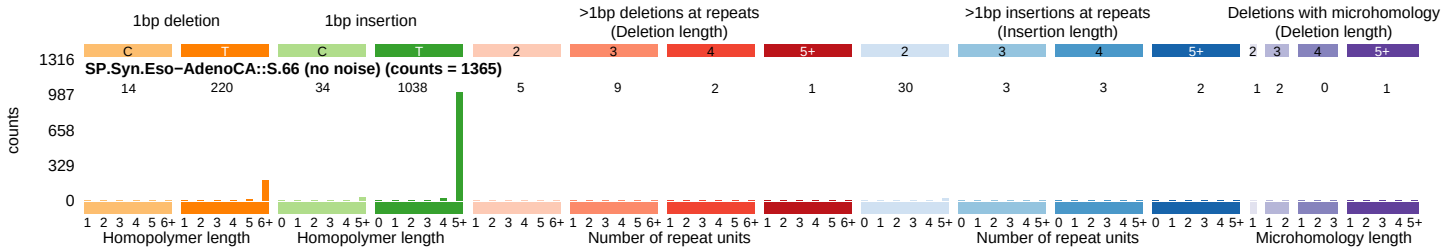

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.61 (no noise) (counts = 895)
counts
Homopolymer length
Number of repeat units
Microhomology length

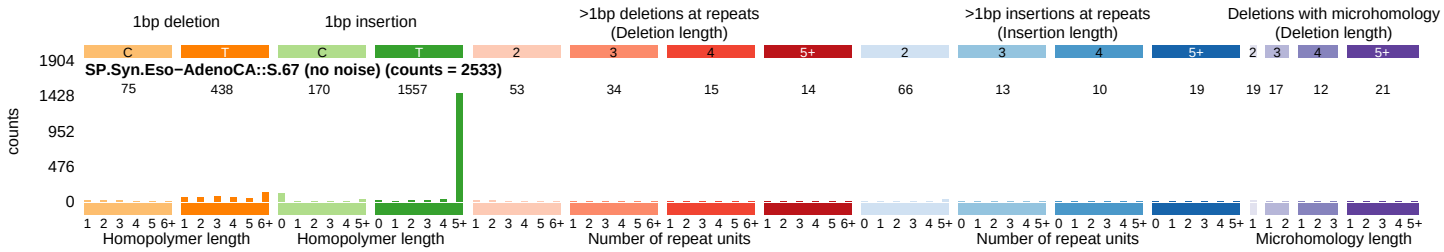

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.62 (no noise) (counts = 906)
counts
Homopolymer length
Number of repeat units
Microhomology length

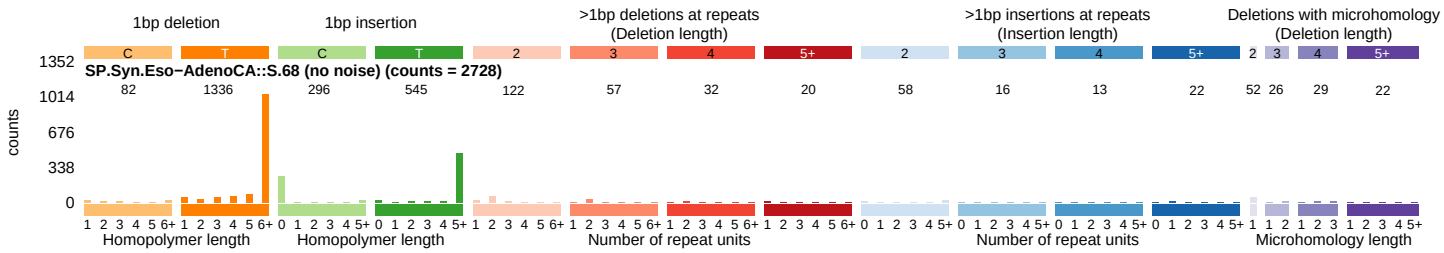

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.63 (no noise) (counts = 975)
counts
Homopolymer length
Number of repeat units
Microhomology length

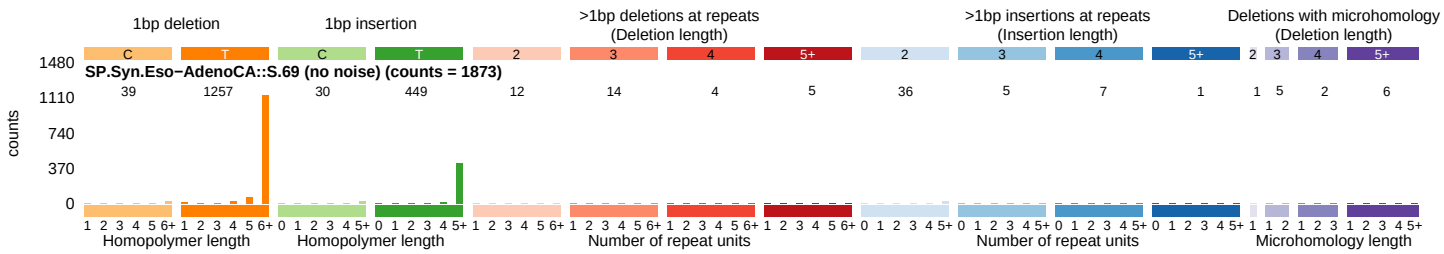

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.64 (no noise) (counts = 2167)
counts
Homopolymer length
Number of repeat units
Microhomology length

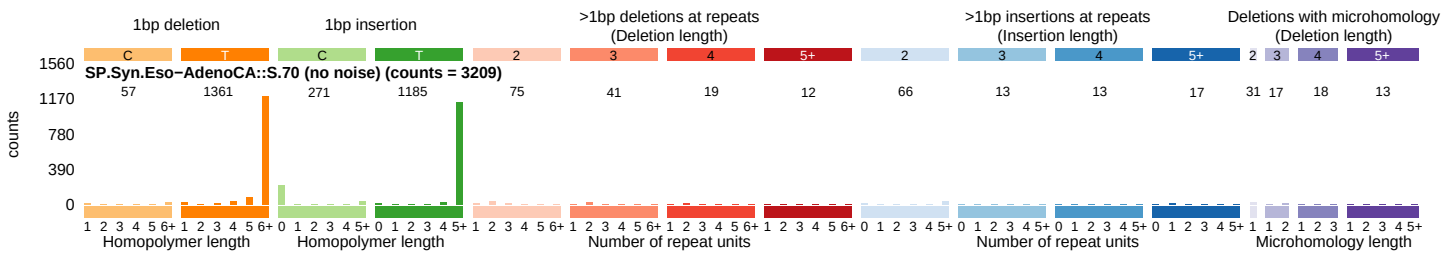

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.65 (no noise) (counts = 1113)
counts
Homopolymer length
Number of repeat units
Microhomology length

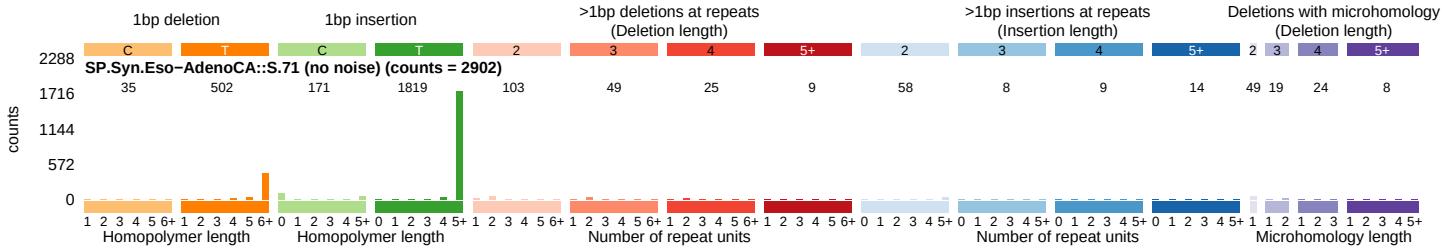

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.66 (no noise) (counts = 1365)
counts
Homopolymer length
Number of repeat units
Microhomology length

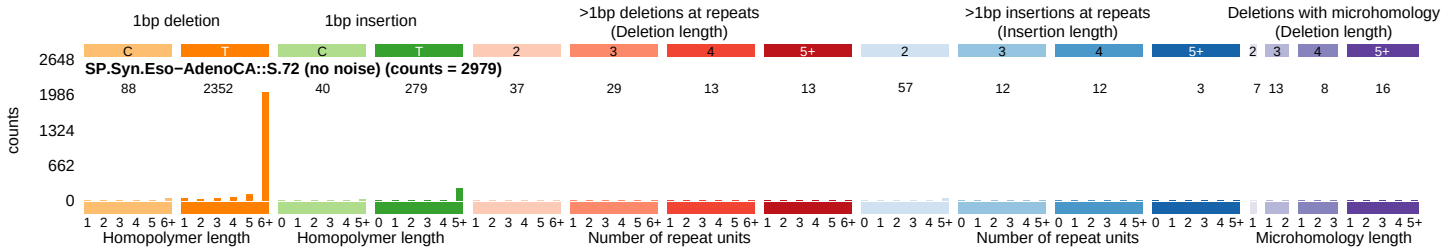

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.67 (no noise) (counts = 2533)
counts
Homopolymer length
Number of repeat units
Microhomology length

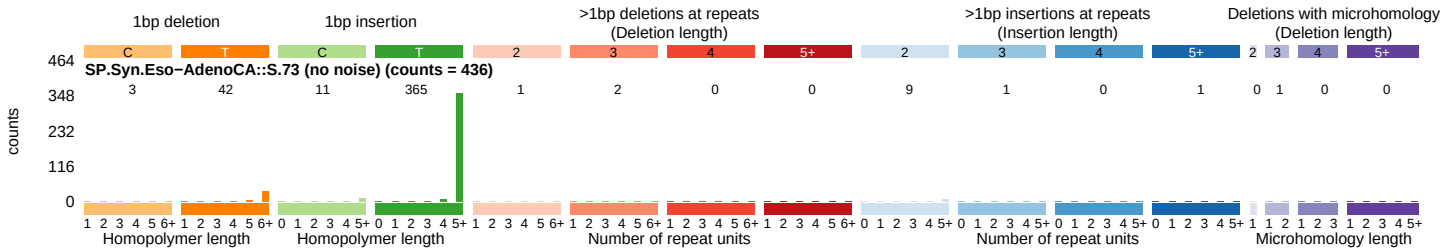

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.68 (no noise) (counts = 2728)
counts
Homopolymer length
Number of repeat units
Microhomology length

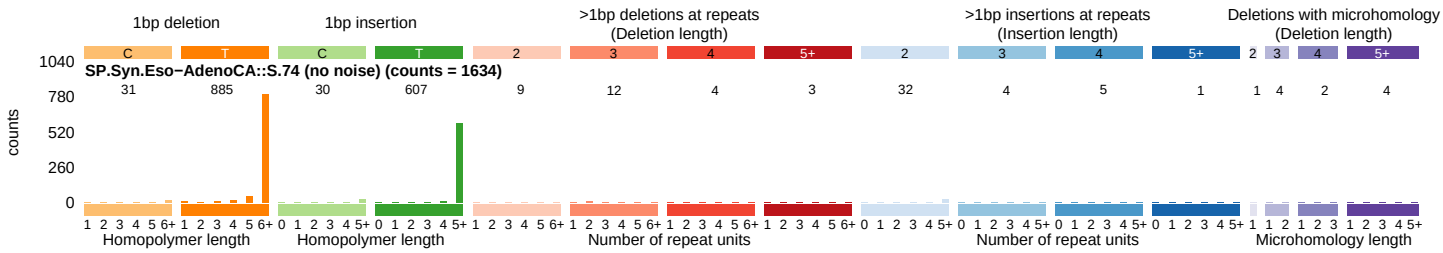

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.69 (no noise) (counts = 1873)
counts
Homopolymer length
Number of repeat units
Microhomology length

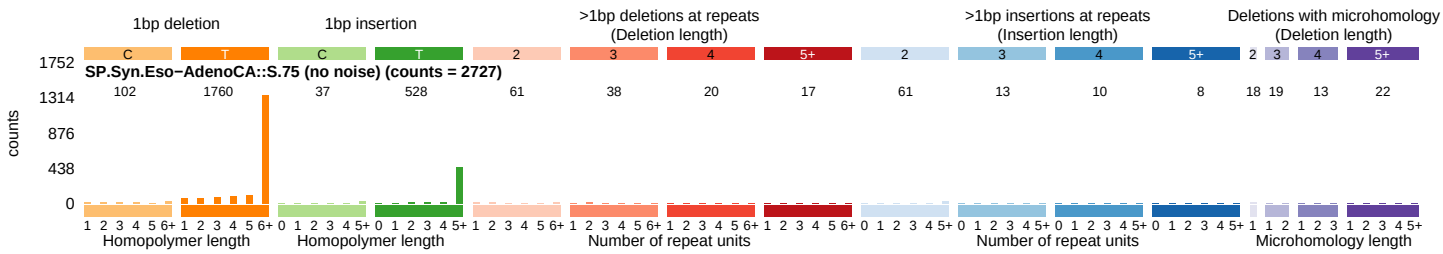

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.70 (no noise) (counts = 3209)
counts
Homopolymer length
Number of repeat units
Microhomology length

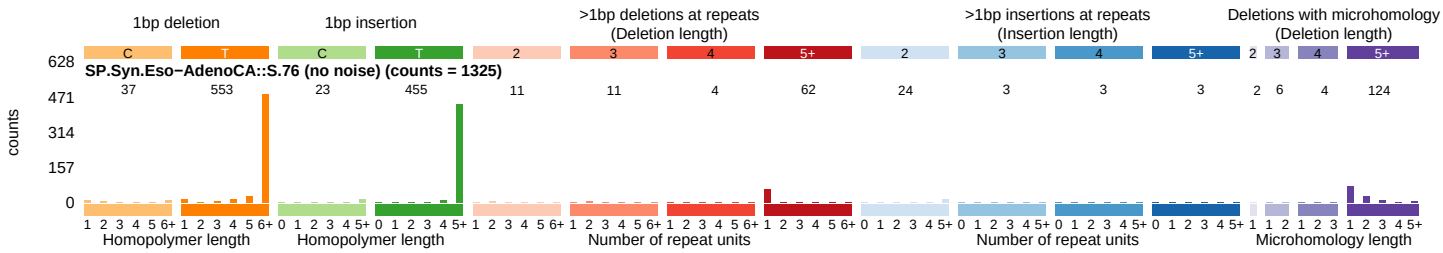

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.71 (no noise) (counts = 2902)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
35 502 171 1819 103 49 25 9 58 8 9 14 49 19 24 8
counts
2288 1716 1144 572 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

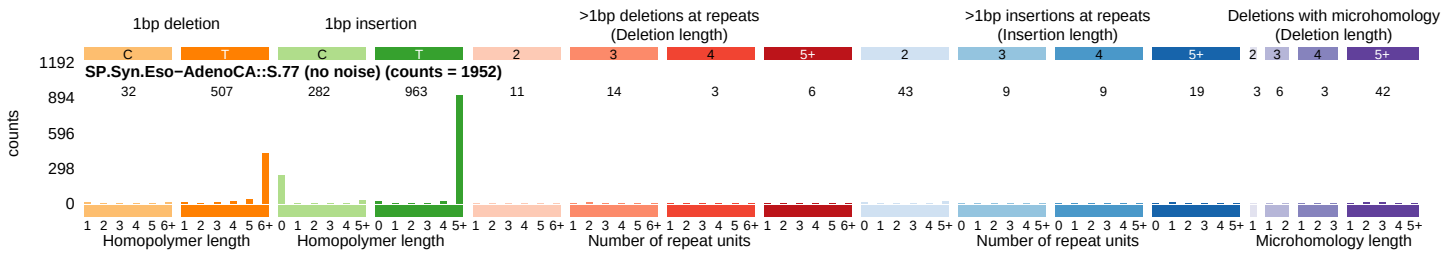

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.72 (no noise) (counts = 2979)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
88 2352 40 279 37 29 13 13 57 12 12 3 7 13 8 16
counts
2648 1986 1324 662 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

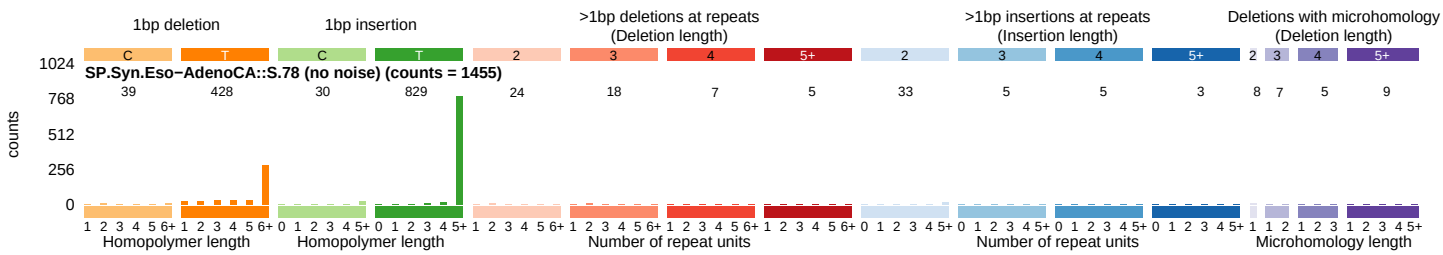

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.73 (no noise) (counts = 436)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
3 42 11 365 1 2 0 0 9 1 0 1 0 1 0 0
counts
464 348 232 116 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

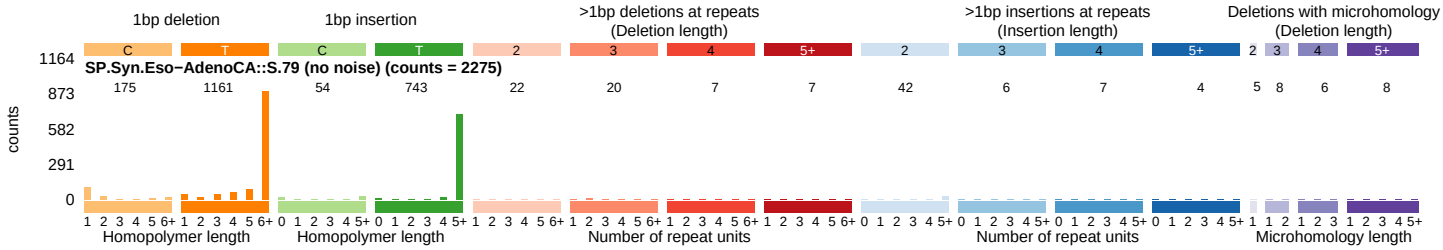

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.74 (no noise) (counts = 1634)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
31 885 30 607 9 12 4 3 32 4 5 1 1 4 2 4
counts
1040 780 520 260 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

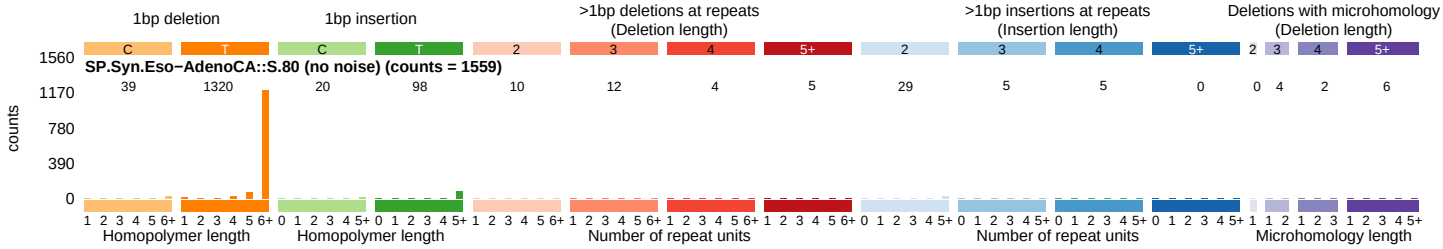

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.75 (no noise) (counts = 2727)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
102 1760 37 528 61 38 20 17 61 13 10 8 18 19 13 22
counts
1752 1314 876 438 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

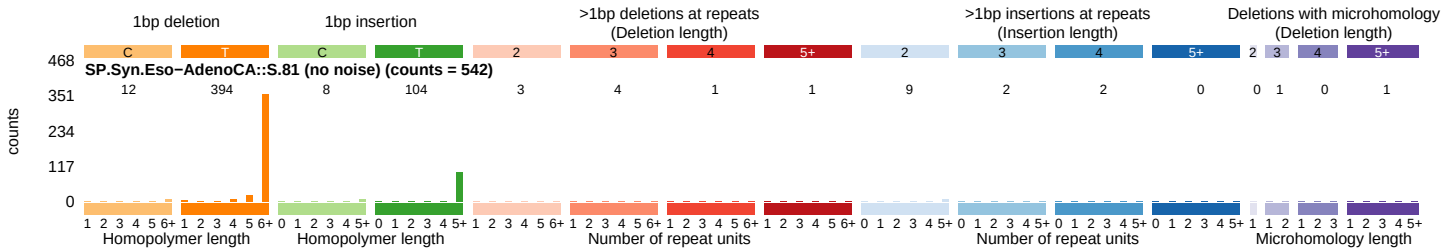

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.76 (no noise) (counts = 1325)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
37 553 23 455 11 11 4 62 24 3 3 3 2 6 4 124
counts
628 471 314 157 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

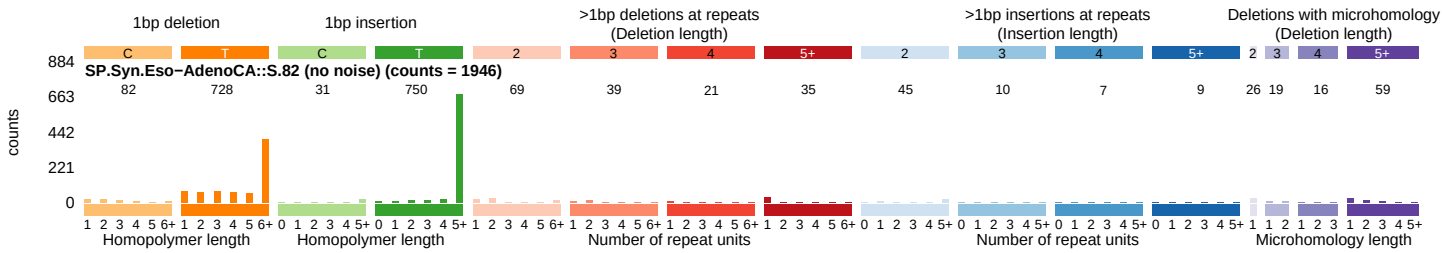

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.77 (no noise) (counts = 1952)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
32 507 282 963 11 14 3 6 43 9 9 19 3 6 3 42
counts
1192 894 596 298 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

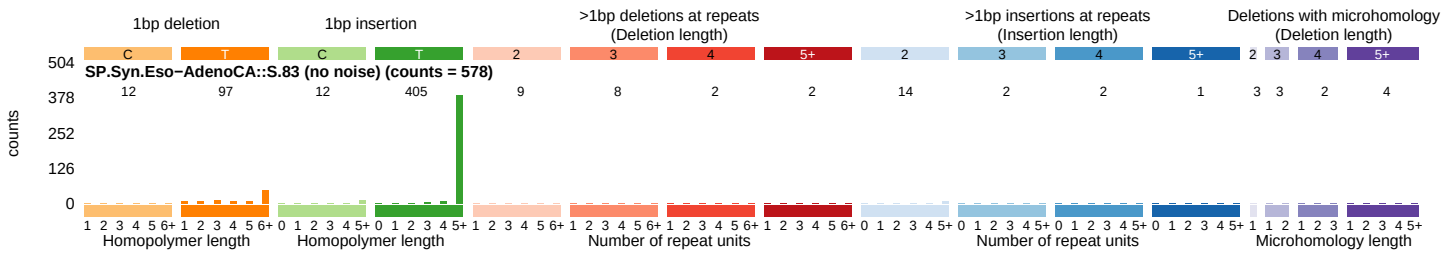

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.78 (no noise) (counts = 1455)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
39 428 30 829 24 18 7 5 33 5 5 3 8 7 5 9
counts
1024 768 512 256 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.79 (no noise) (counts = 2275)
175 1161 54 743 22 20 7 7 42 6 7 4 5 8 6 8
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.80 (no noise) (counts = 1559)
39 1320 20 98 10 12 4 5 29 5 5 0 0 4 2 6
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.81 (no noise) (counts = 542)
12 394 8 104 3 4 1 1 9 2 2 0 0 1 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.82 (no noise) (counts = 1946)
82 728 31 750 69 39 21 35 45 10 7 9 26 19 16 59
counts
Homopolymer length
Number of repeat units
Microhomology length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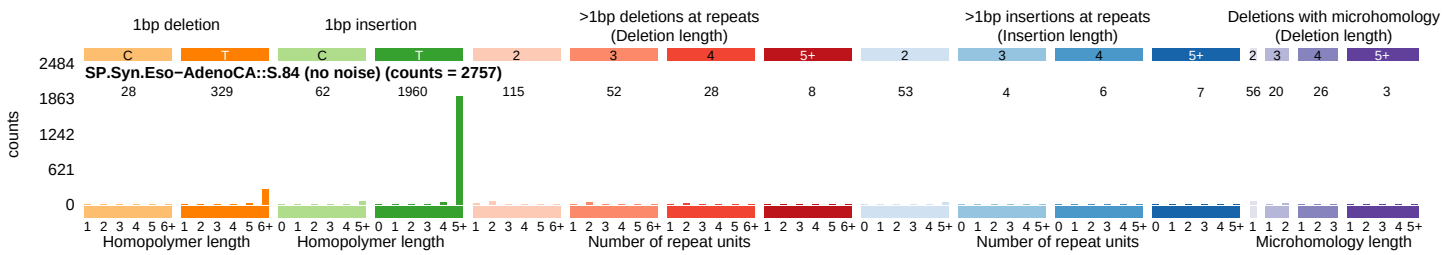
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.83 (no noise) (counts = 578)
12 97 12 405 9 8 2 2 14 2 2 1 3 3 2 4
counts
Homopolymer length
Number of repeat units
Microhomology length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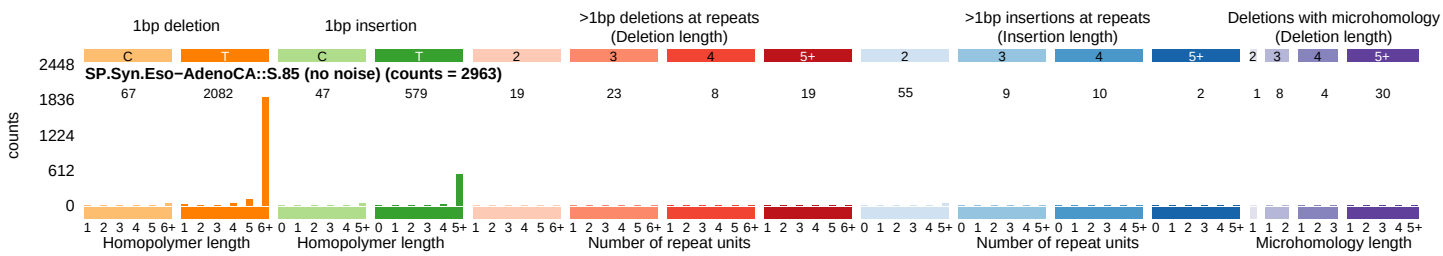
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.84 (no noise) (counts = 2757)
28 329 62 1960 115 52 28 8 53 4 6 7 56 20 26 3
counts
Homopolymer length
Number of repeat units
Microhomology length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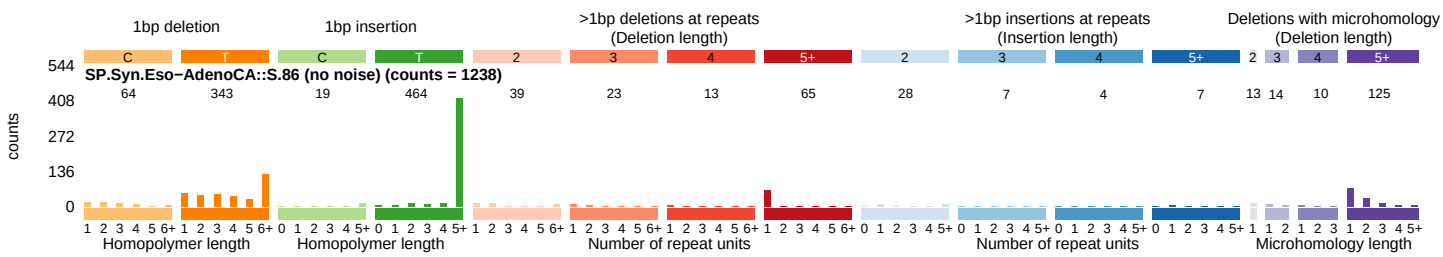
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.85 (no noise) (counts = 2963)
67 2082 47 579 19 23 8 19 55 9 10 2 1 8 4 30
counts
Homopolymer length
Number of repeat units
Microhomology length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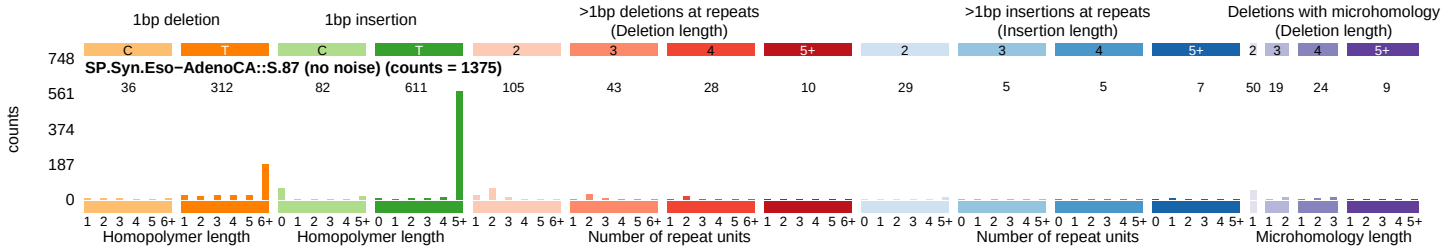
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.86 (no noise) (counts = 1238)
64 343 19 464 39 23 13 65 28 7 4 7 13 14 10 125
counts
Homopolymer length
Number of repeat units
Microhomology length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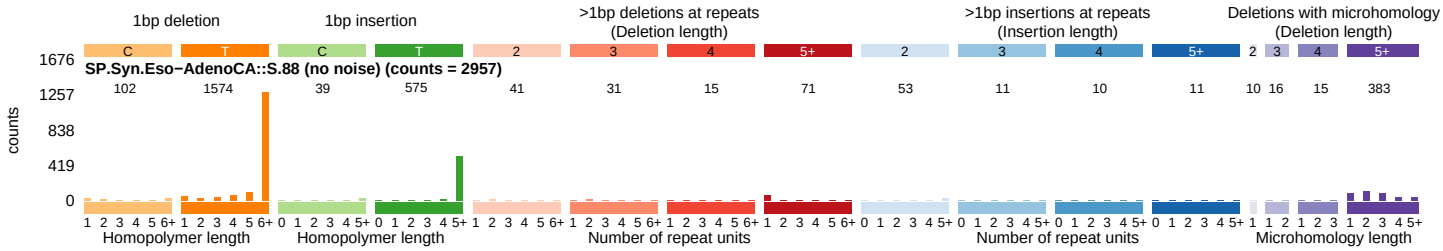
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.87 (no noise) (counts = 1375)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
36 312 82 611 105 43 28 10 29 5 5 7 50 19 24 9
counts
748 561 374 187 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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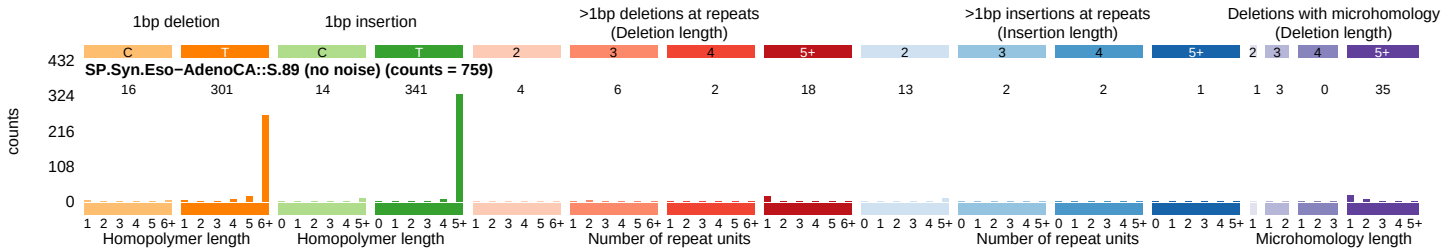
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.88 (no noise) (counts = 2957)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
102 1574 39 575 41 31 15 71 53 11 10 11 10 16 15 383
counts
1676 1257 838 419 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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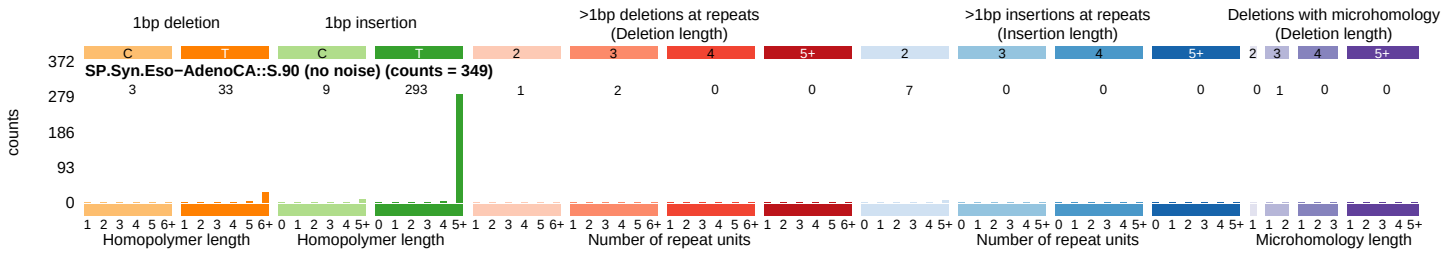
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.89 (no noise) (counts = 759)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
16 301 14 341 4 6 2 18 13 2 2 1 1 3 0 35
counts
432 324 216 108 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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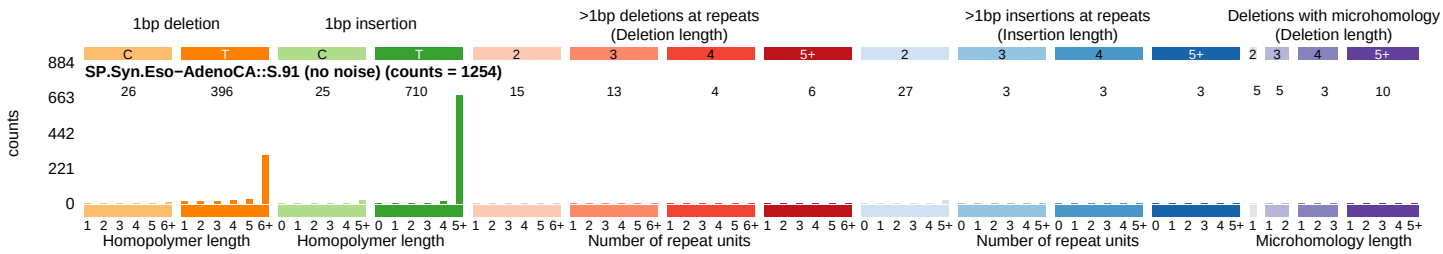
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.90 (no noise) (counts = 349)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
3 33 9 293 1 2 0 0 7 0 0 0 0 1 0 0
counts
372 279 186 93 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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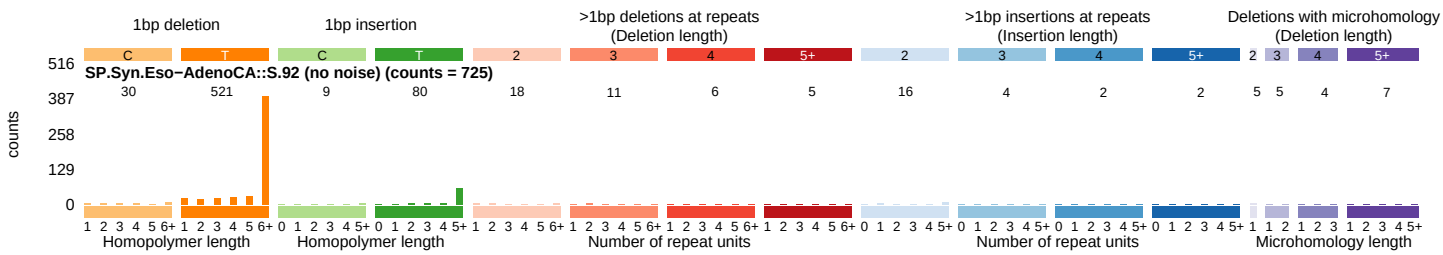
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.91 (no noise) (counts = 1254)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
26 396 25 710 15 13 4 6 27 3 3 3 5 5 3 10
counts
884 663 442 221 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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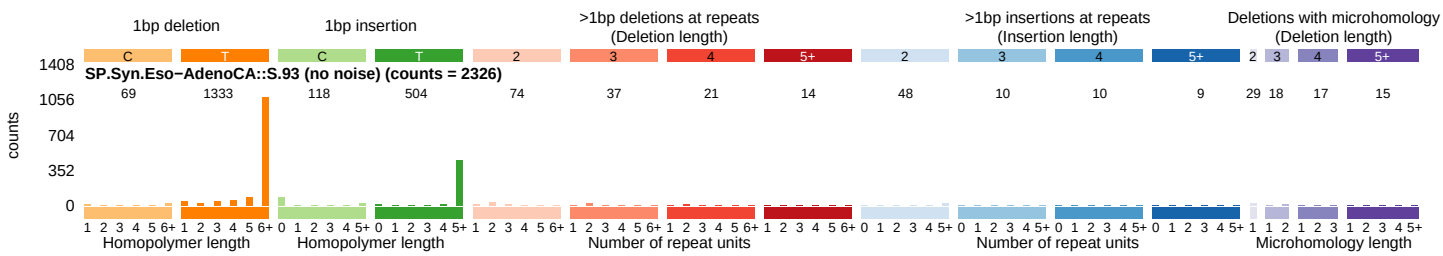
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.92 (no noise) (counts = 725)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
30 521 9 80 18 11 6 5 16 4 2 2 5 5 4 7
counts
516 387 258 129 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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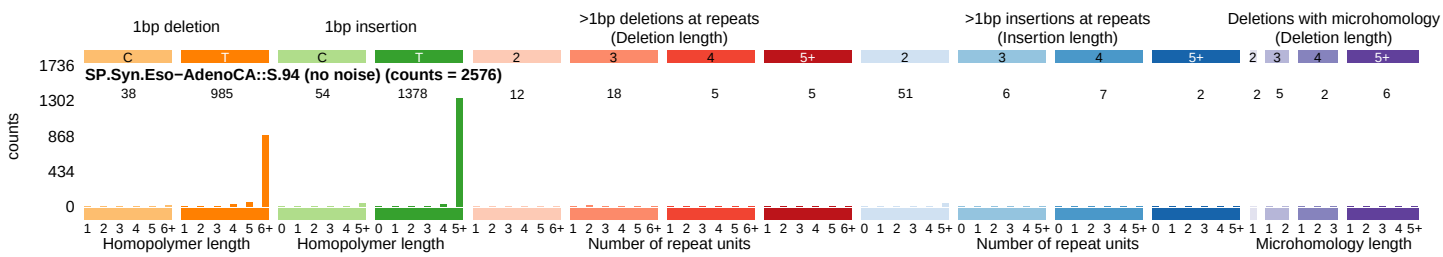
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.93 (no noise) (counts = 2326)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
69 1333 118 504 74 37 21 14 48 10 10 9 29 18 17 15
counts
1408 1056 704 352 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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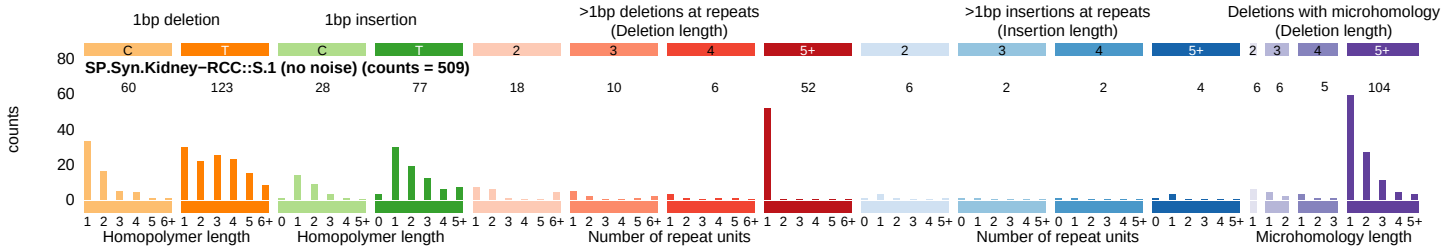
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.94 (no noise) (counts = 2576)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
38 985 54 1378 12 18 5 5 51 6 7 2 2 5 2 6
counts
1736 1302 868 434 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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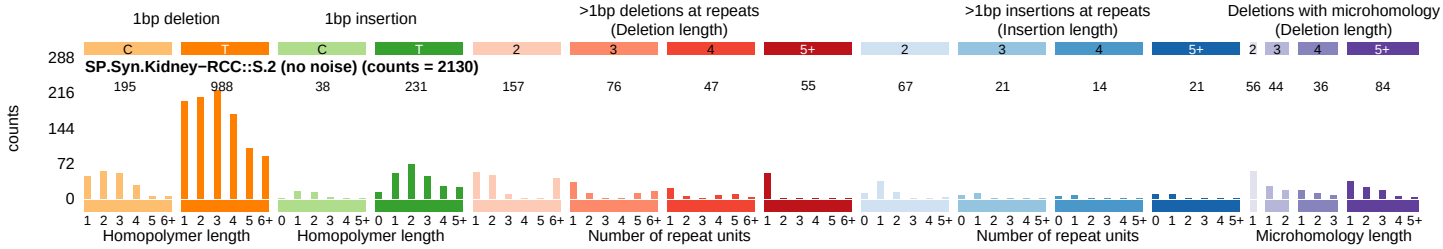
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.1 (no noise) (counts = 509)
60 123 28 77 18 10 6 52 6 2 2 4 6 6 5 104
counts
Homopolymer length
Number of repeat units
Microhomology length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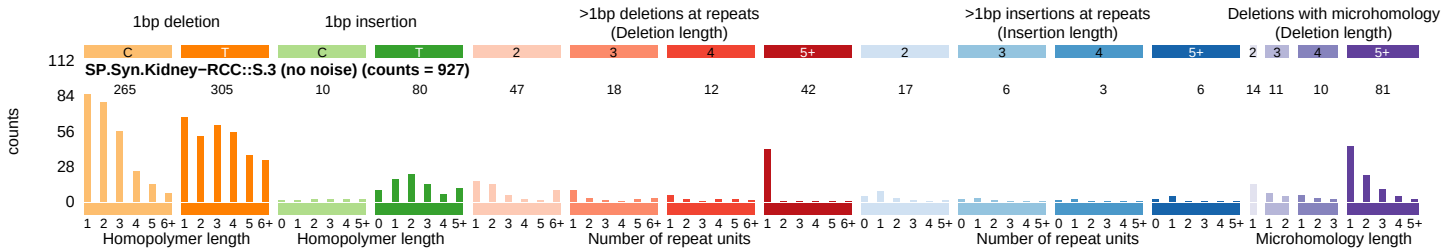
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.2 (no noise) (counts = 2130)
195 988 38 231 157 76 47 55 67 21 14 21 56 44 36 84
counts
Homopolymer length
Number of repeat units
Microhomology length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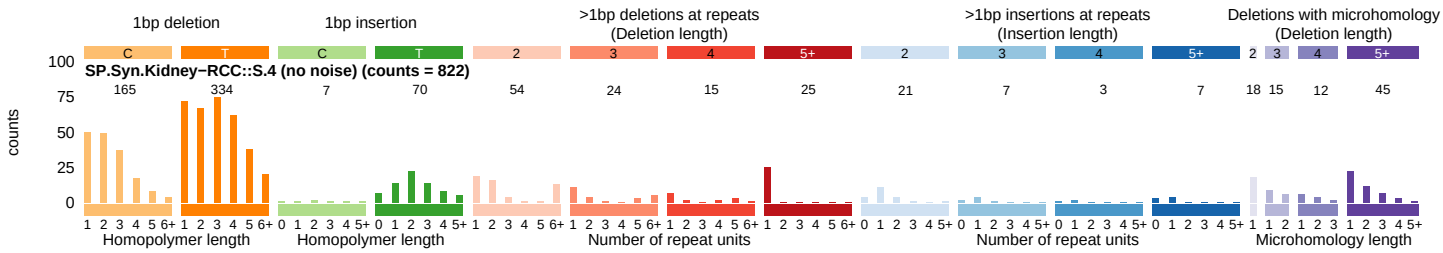
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.3 (no noise) (counts = 927)
265 305 10 80 47 18 12 42 17 6 3 6 14 11 10 81
counts
Homopolymer length
Number of repeat units
Microhomology length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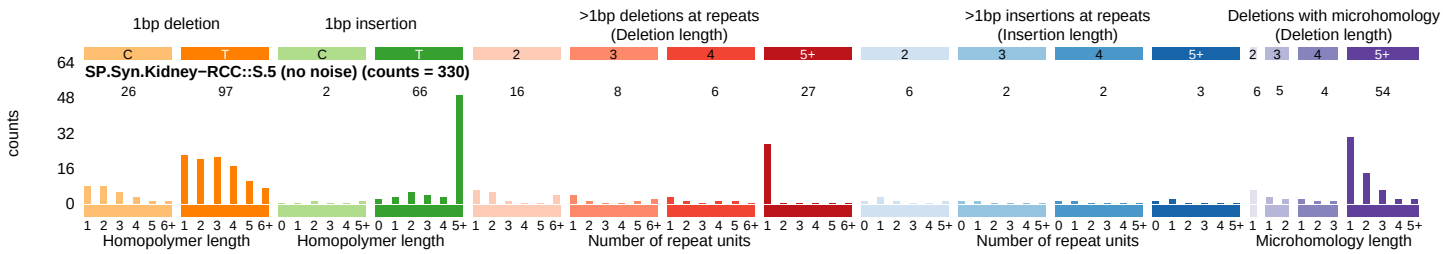
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.4 (no noise) (counts = 822)
165 334 7 70 54 24 15 25 21 7 3 7 18 15 12 45
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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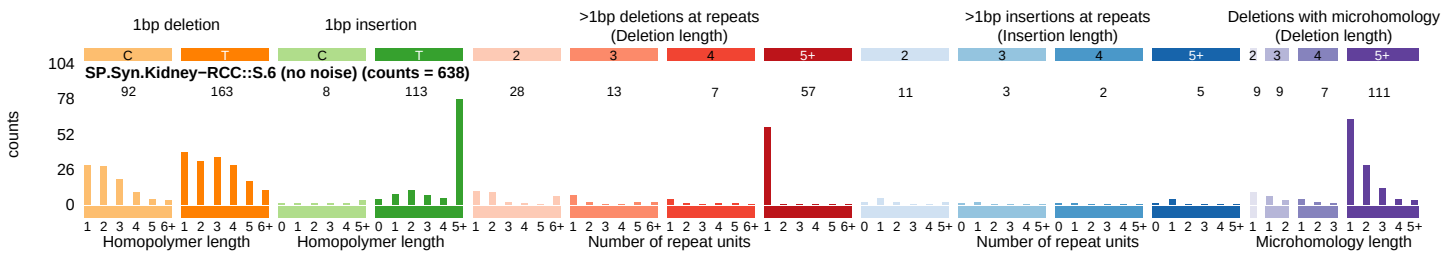
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.5 (no noise) (counts = 330)
26 97 2 66 16 8 6 27 6 2 2 3 6 5 4 54
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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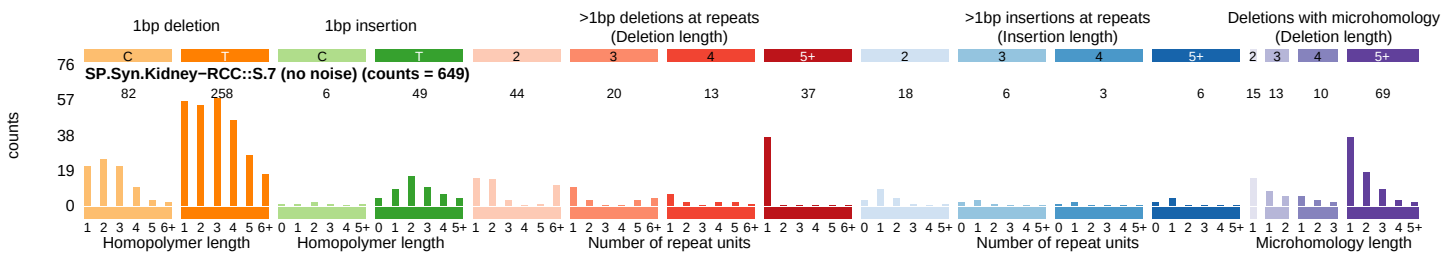
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.6 (no noise) (counts = 638)
92 163 8 113 28 13 7 57 11 3 2 5 9 9 7 111
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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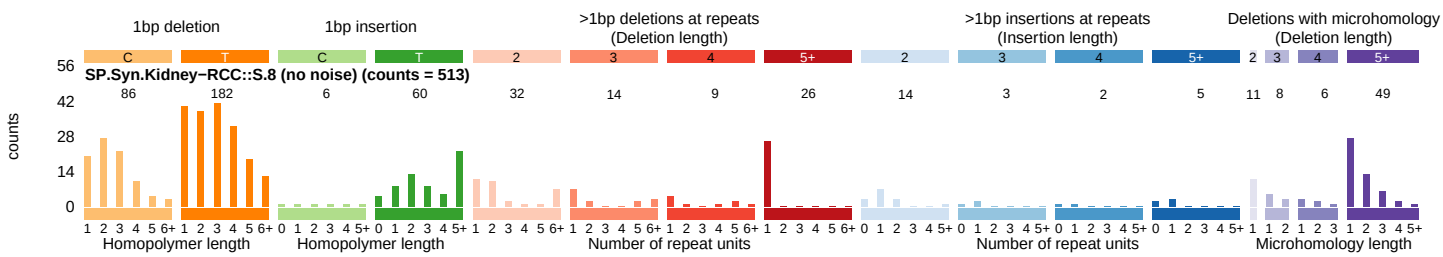
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.7 (no noise) (counts = 649)
82 258 6 49 44 20 13 37 18 6 3 6 15 13 10 69
counts
Homopolymer length
Number of repeat units
Microhomology length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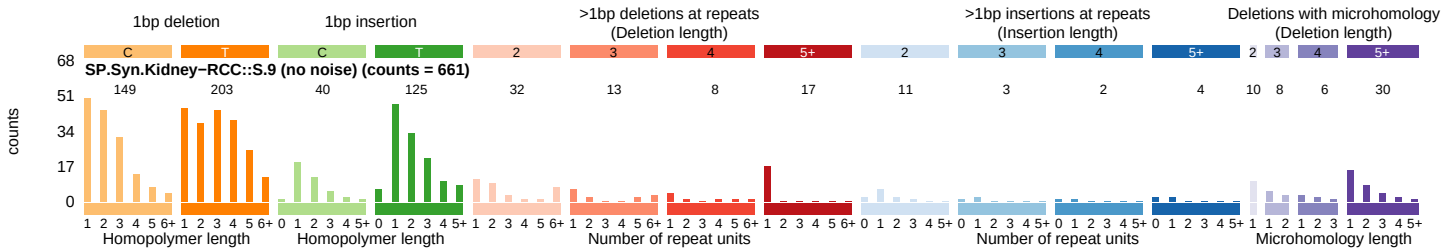
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.8 (no noise) (counts = 513)
86 182 6 60 32 14 9 26 14 3 2 5 11 8 6 49
counts
Homopolymer length
Number of repeat units
Microhomology length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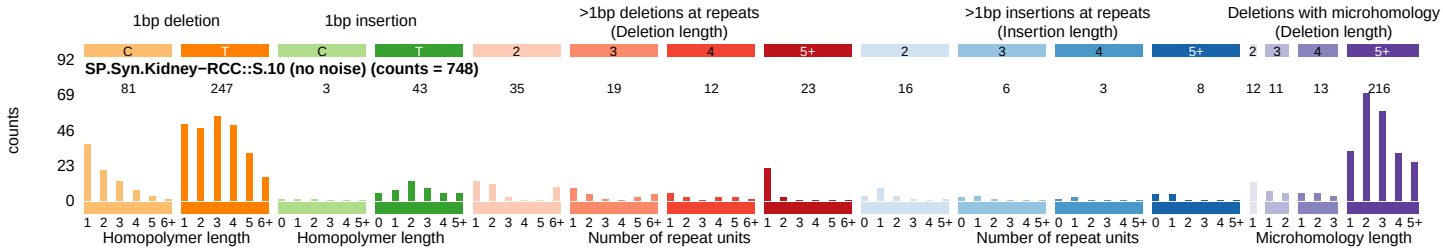
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.9 (no noise) (counts = 661)
149 203 40 125 32 13 8 17 11 3 2 4 10 8 6 30
counts
Homopolymer length
Number of repeat units
Microhomology length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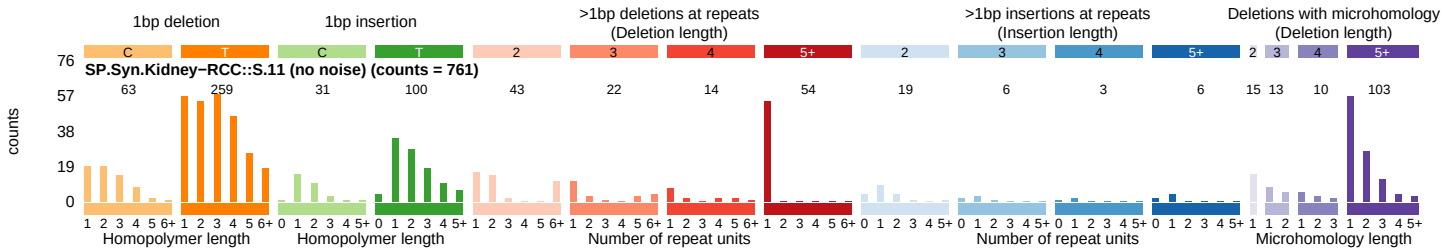
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.10 (no noise) (counts = 748)
81 247 3 43 35 19 12 23 16 6 3 8 12 11 13 216
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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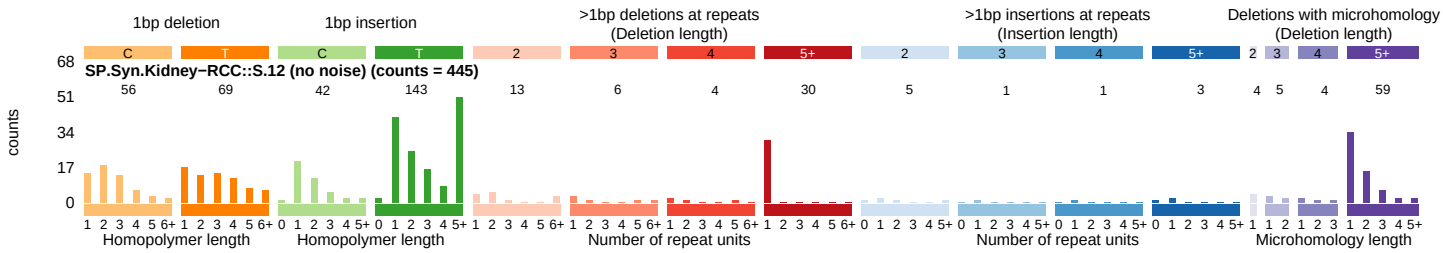
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.11 (no noise) (counts = 761)
63 259 31 100 43 22 14 54 19 6 3 6 15 13 10 103
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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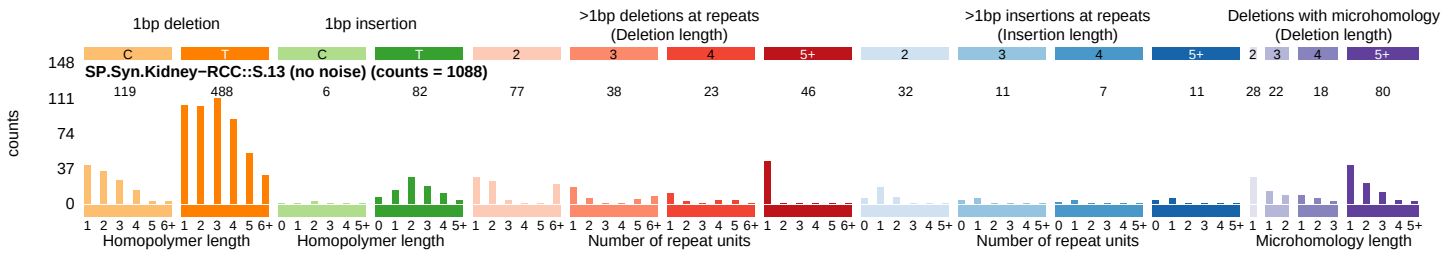
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.12 (no noise) (counts = 445)
56 69 42 143 13 6 4 30 5 1 1 3 4 5 4 59
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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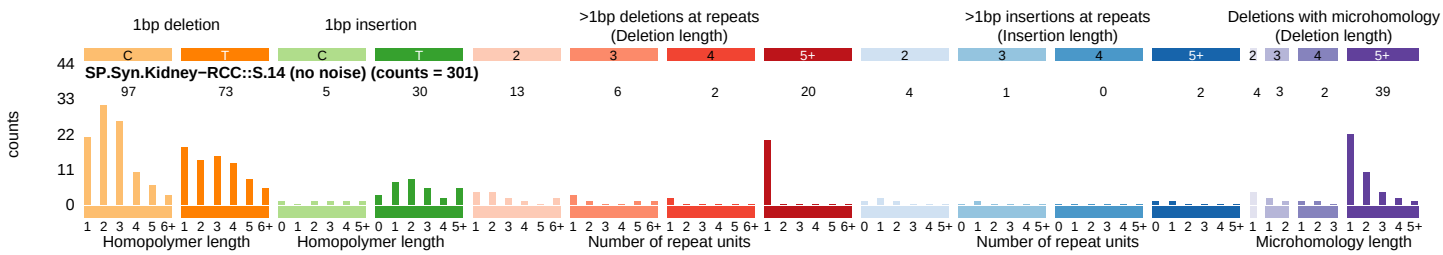
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.13 (no noise) (counts = 1088)
119 488 6 82 77 38 23 46 32 11 7 11 28 22 18 80
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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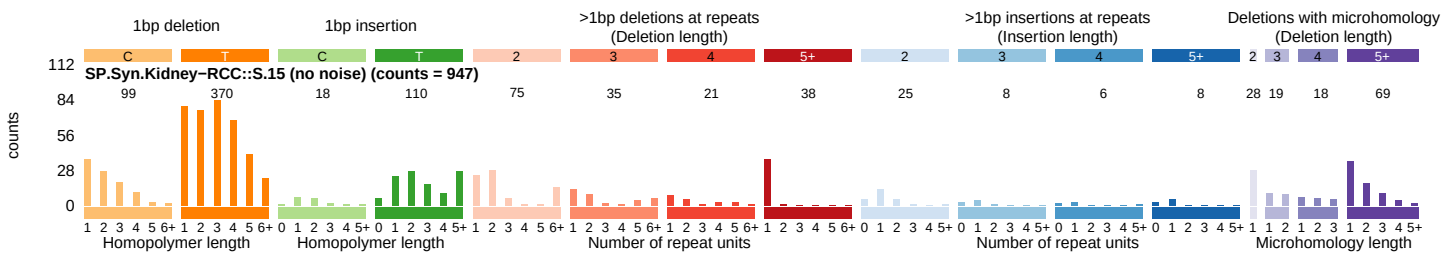
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.14 (no noise) (counts = 301)
97 73 5 30 13 6 2 20 4 1 0 2 4 3 2 39
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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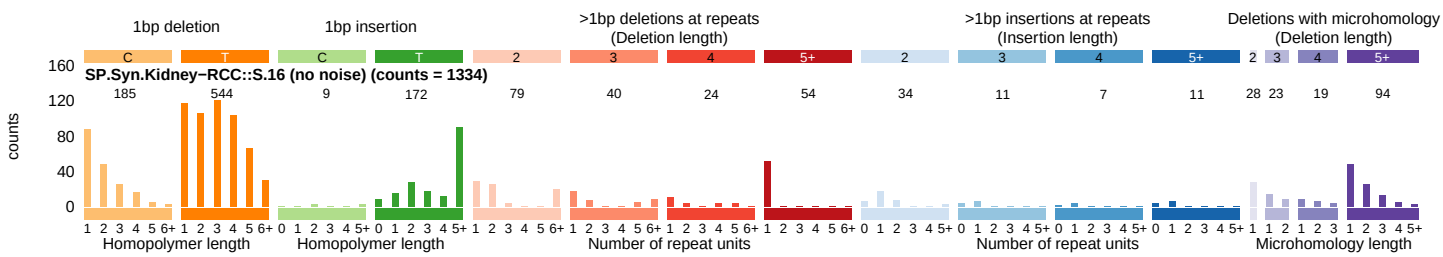
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.15 (no noise) (counts = 947)
99 370 18 110 75 35 21 38 25 8 6 8 28 19 18 69
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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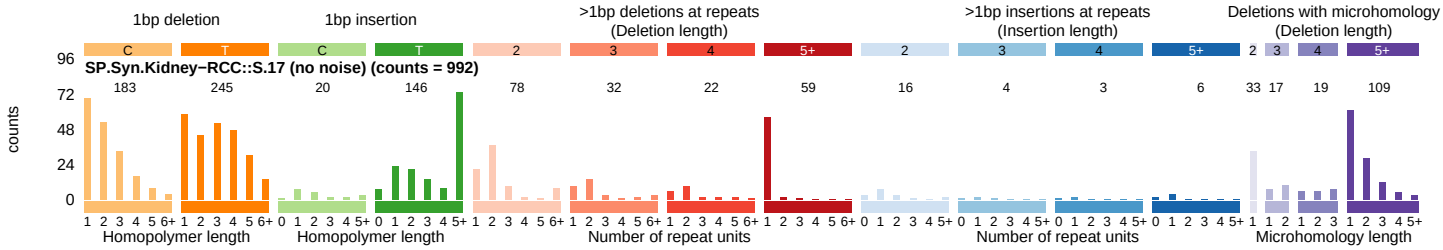
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.16 (no noise) (counts = 1334)
185 544 9 172 79 40 24 54 34 11 7 11 28 23 19 94
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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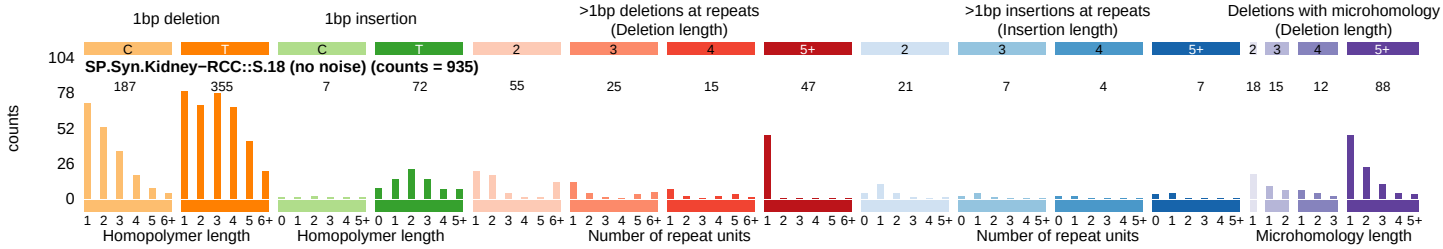
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.17 (no noise) (counts = 992)
183 245 20 146 78 32 22 59 16 4 3 6 33 17 19 109
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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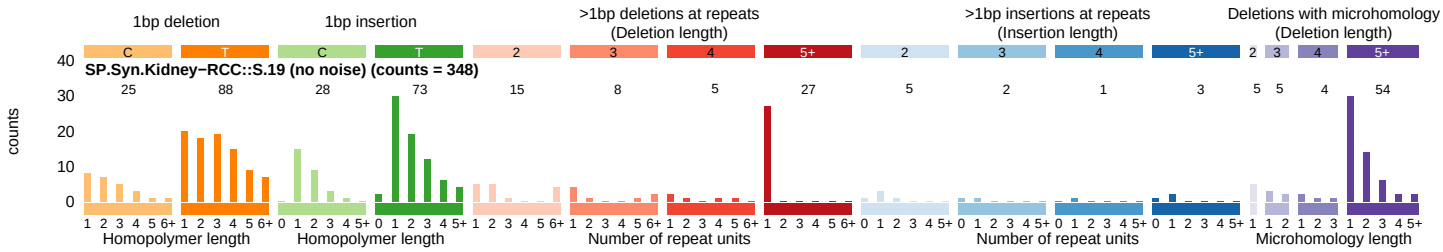
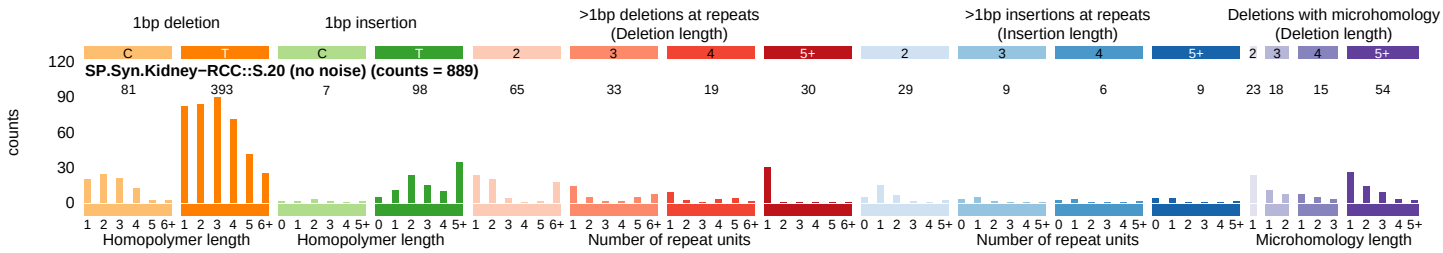
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.18 (no noise) (counts = 935)
187 355 7 72 55 25 15 47 21 7 4 7 18 15 12 88
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.19 (no noise) (counts = 348)
25 88 28 73 15 8 5 27 5 2 1 3 5 5 4 54
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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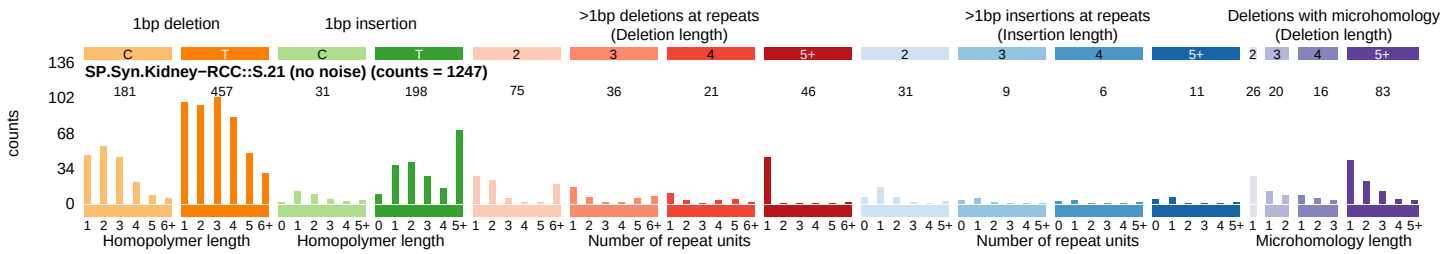
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.20 (no noise) (counts = 889)
81 393 7 98 65 33 19 30 29 9 6 9 23 18 15 54
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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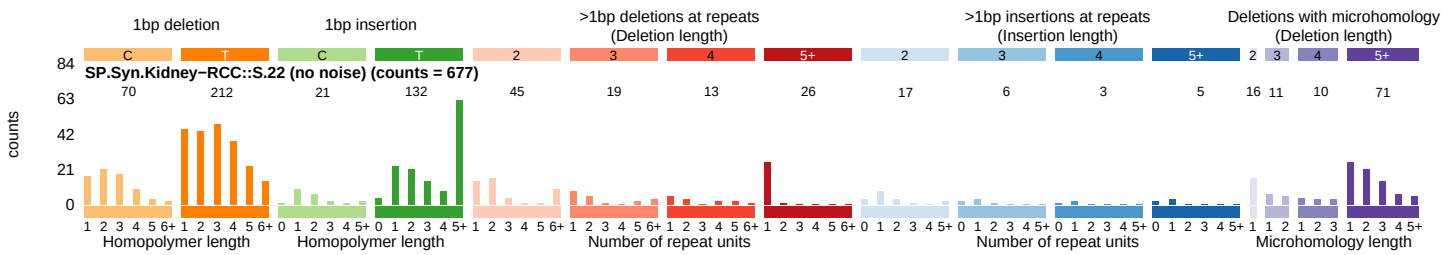
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.21 (no noise) (counts = 1247)
181 457 31 198 75 36 21 46 31 9 6 11 26 20 16 83
counts
Homopolymer length
Number of repeat units
Microhomology length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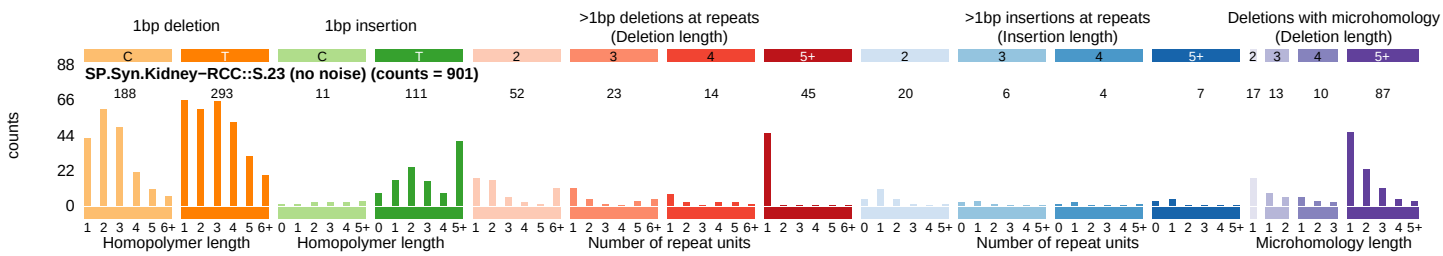
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.22 (no noise) (counts = 677)
70 212 21 132 45 19 13 26 17 6 3 5 16 11 10 71
counts
Homopolymer length
Number of repeat units
Microhomology length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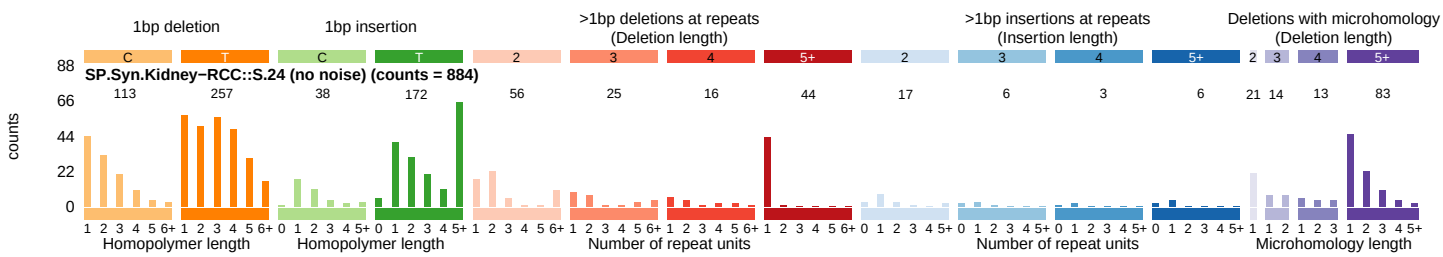
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.23 (no noise) (counts = 901)
188 293 11 111 52 23 14 45 20 6 4 7 17 13 10 87
counts
Homopolymer length
Number of repeat units
Microhomology length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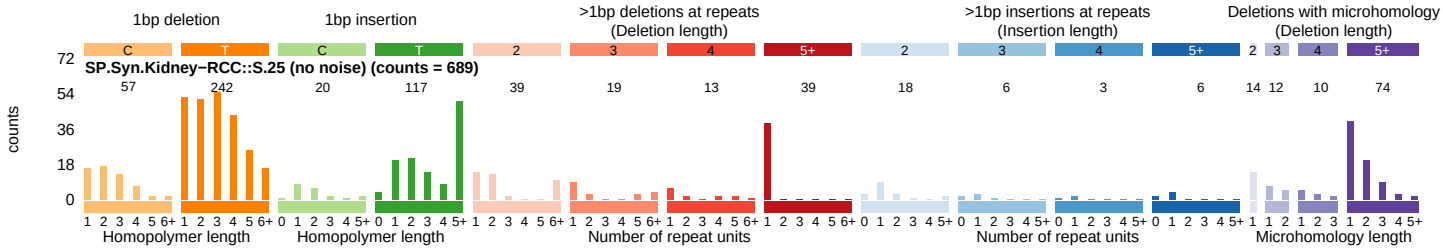
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.24 (no noise) (counts = 884)
113 257 38 172 56 25 16 44 17 6 3 6 21 14 13 83
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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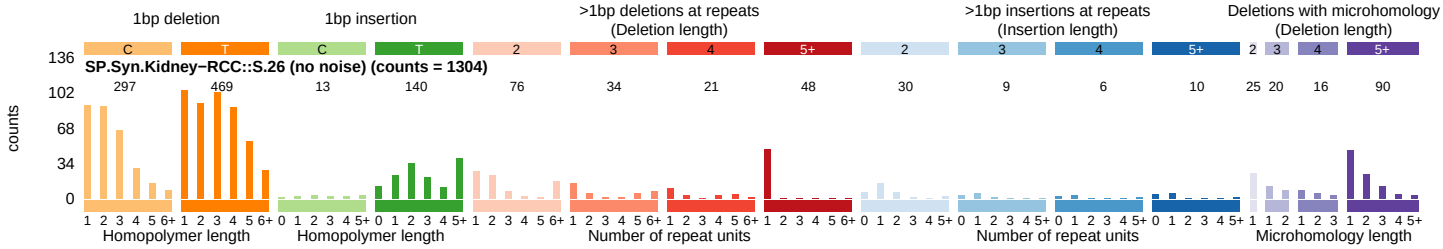
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.25 (no noise) (counts = 689)
57 242 20 117 39 19 13 39 18 6 3 6 14 12 10 74
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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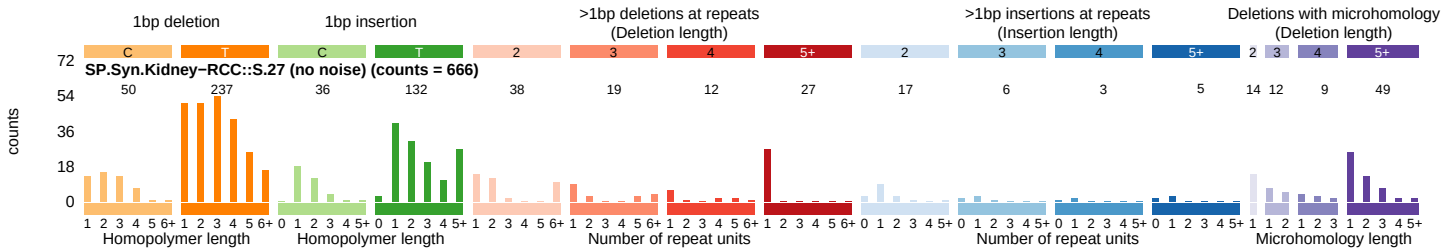
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.26 (no noise) (counts = 1304)
297 469 13 140 76 34 21 48 30 9 6 10 25 20 16 90
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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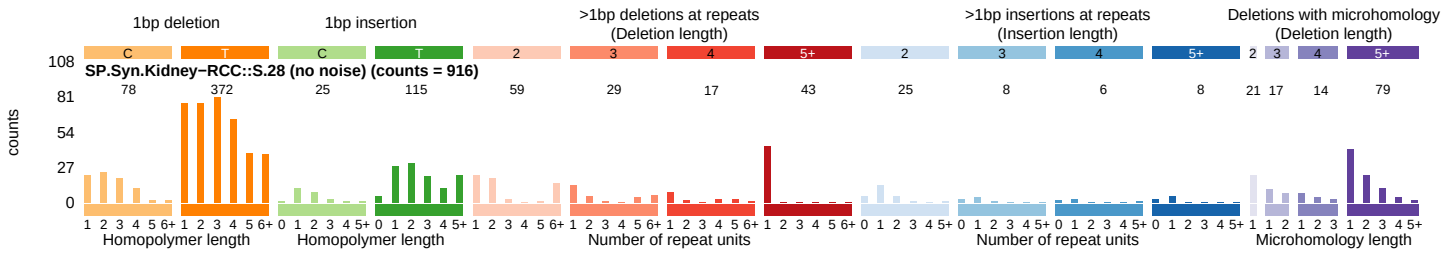
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.27 (no noise) (counts = 666)
50 237 36 132 38 19 12 27 17 6 3 5 14 12 9 49
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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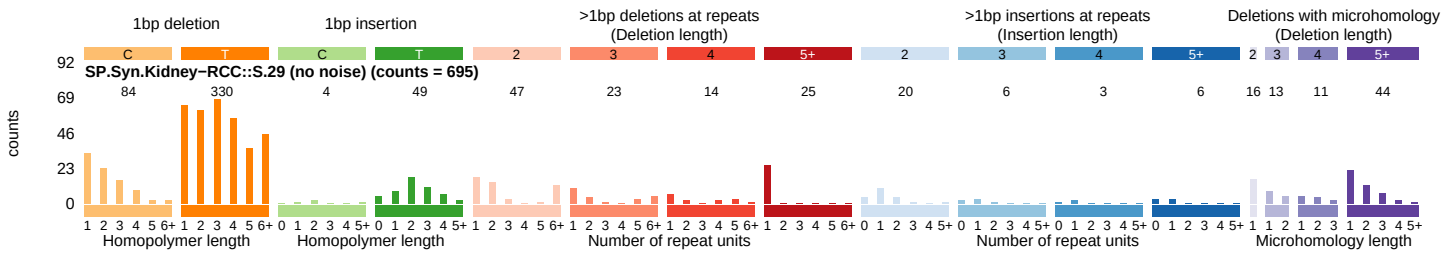
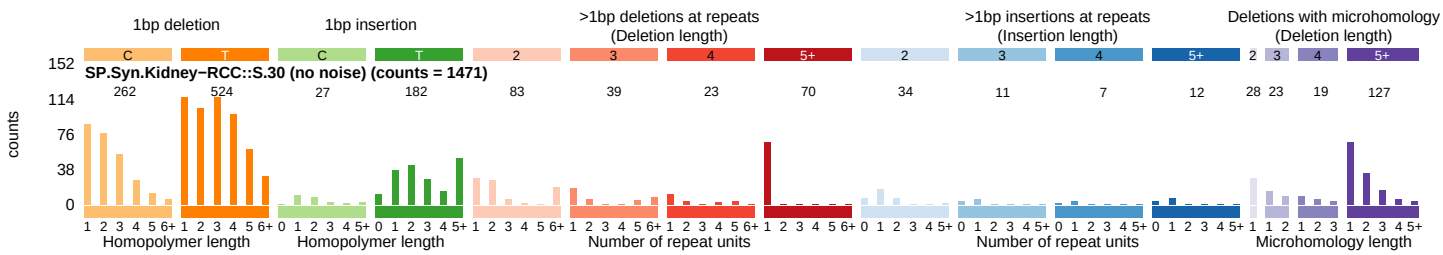
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.28 (no noise) (counts = 916)
78 372 25 115 59 29 17 43 25 8 6 8 21 17 14 79
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.29 (no noise) (counts = 695)
84 330 4 49 47 23 14 25 20 6 3 6 16 13 11 44
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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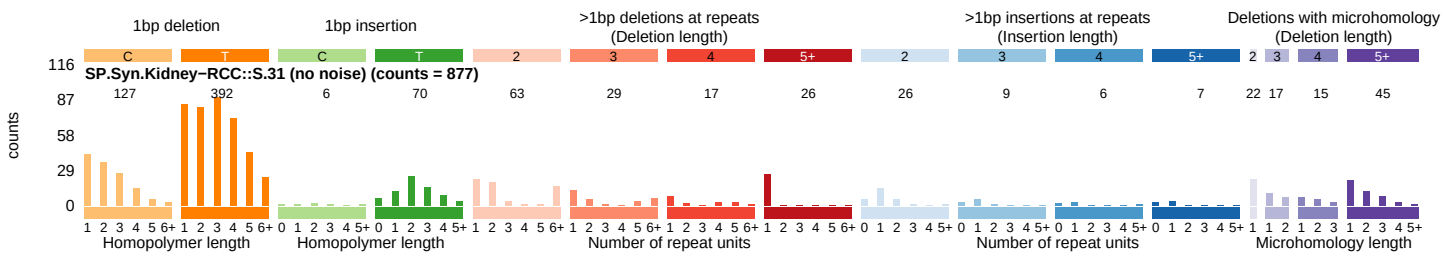
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.30 (no noise) (counts = 1471)
262 524 27 182 83 39 23 70 34 11 7 12 28 23 19 127
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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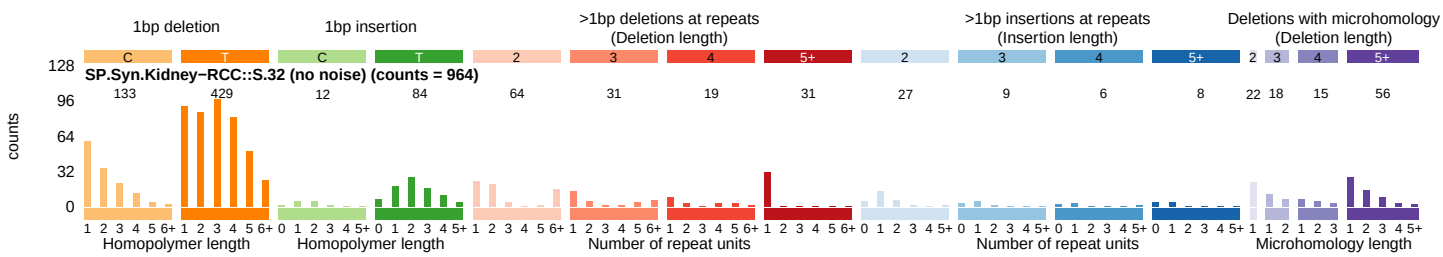
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.31 (no noise) (counts = 877)
127 392 6 70 63 29 17 26 26 9 6 7 22 17 15 45
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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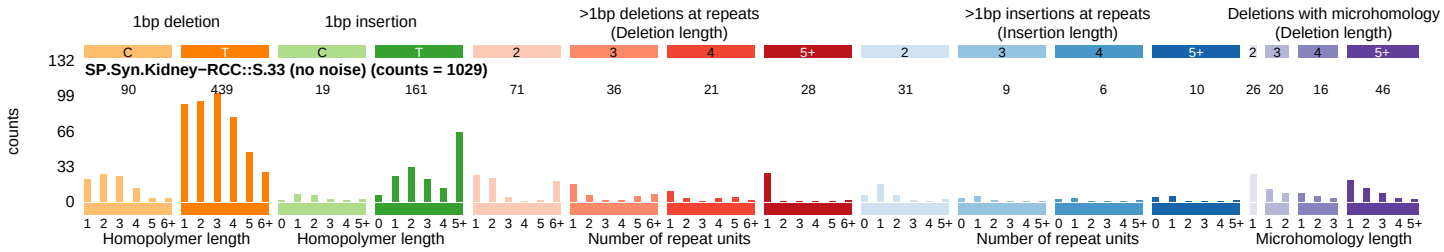
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.32 (no noise) (counts = 964)
133 429 12 84 64 31 19 31 27 9 6 8 22 18 15 56
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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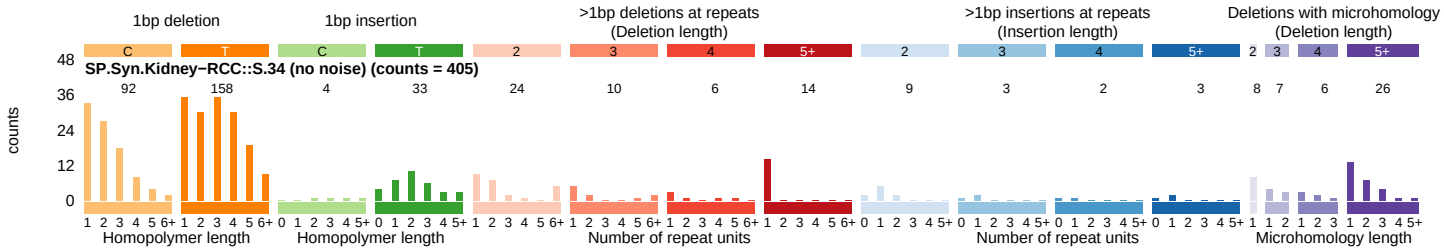
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.33 (no noise) (counts = 1029)
90 439 19 161 71 36 21 28 31 9 6 10 26 20 16 46
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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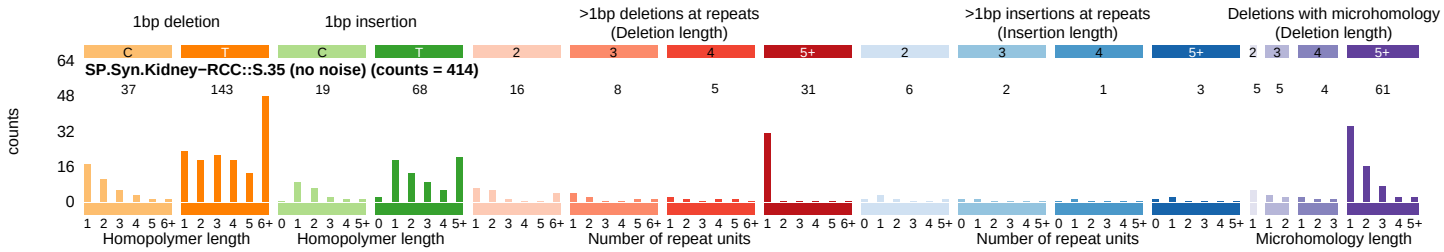
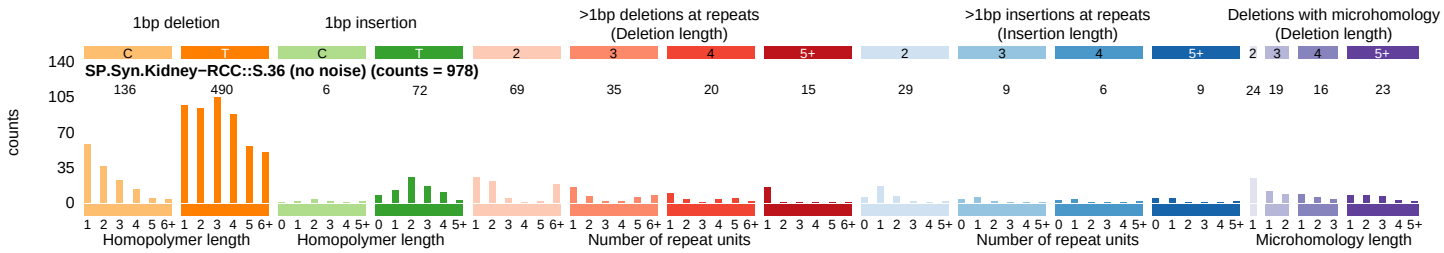
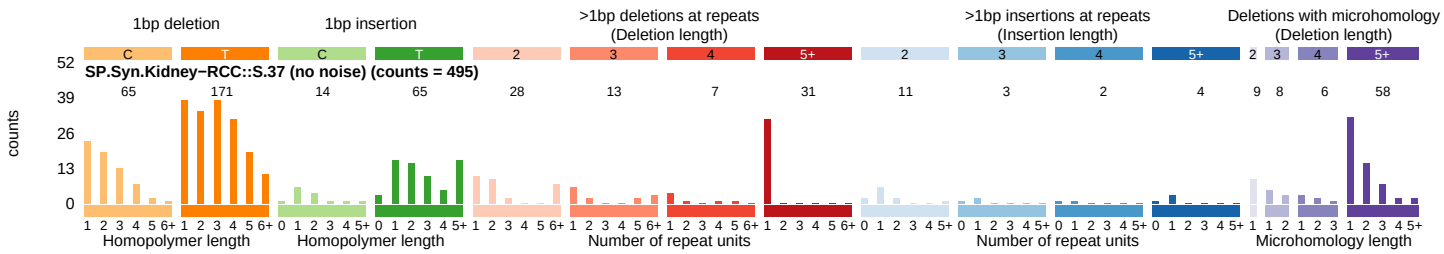
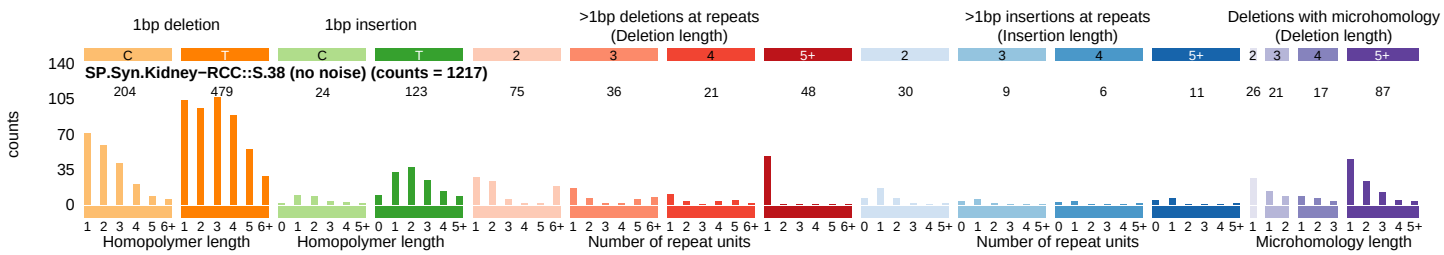
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.34 (no noise) (counts = 405)
92 158 4 33 24 10 6 14 9 3 2 3 8 7 6 26
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.35 (no noise) (counts = 414)
37 143 19 68 16 8 5 31 6 2 1 3 5 5 4 61
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.36 (no noise) (counts = 978)
136 490 6 72 69 35 20 15 29 9 6 9 24 19 16 23
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.37 (no noise) (counts = 495)
65 171 14 65 28 13 7 31 11 3 2 4 9 8 6 58
counts
Homopolymer length
Number of repeat units
Microhomology length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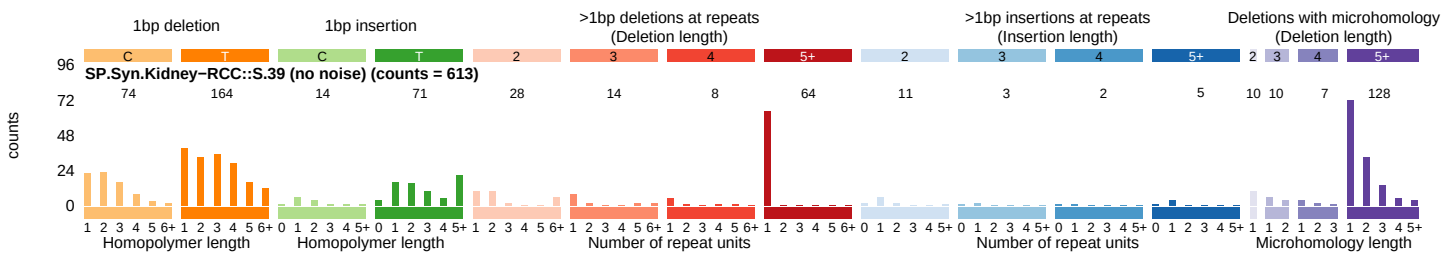
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.38 (no noise) (counts = 1217)
204 479 24 123 75 36 21 48 30 9 6 11 26 21 17 87
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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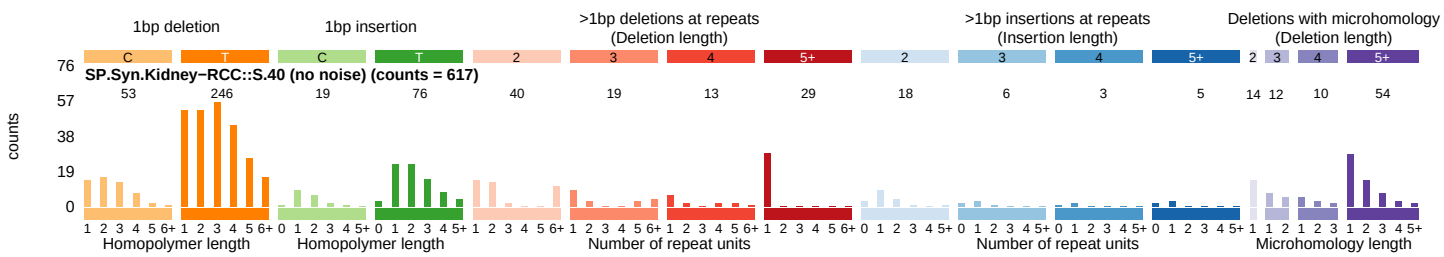
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.39 (no noise) (counts = 613)
74 164 14 71 28 14 8 64 11 3 2 5 10 10 7 128
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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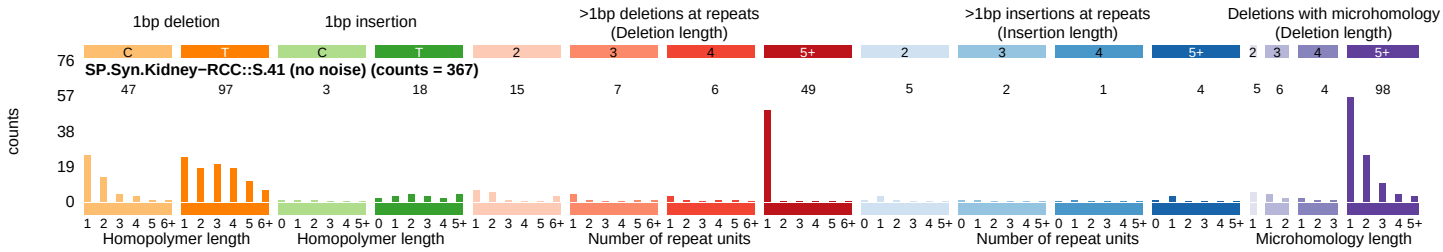
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.40 (no noise) (counts = 617)
53 246 19 76 40 19 13 29 18 6 3 5 14 12 10 54
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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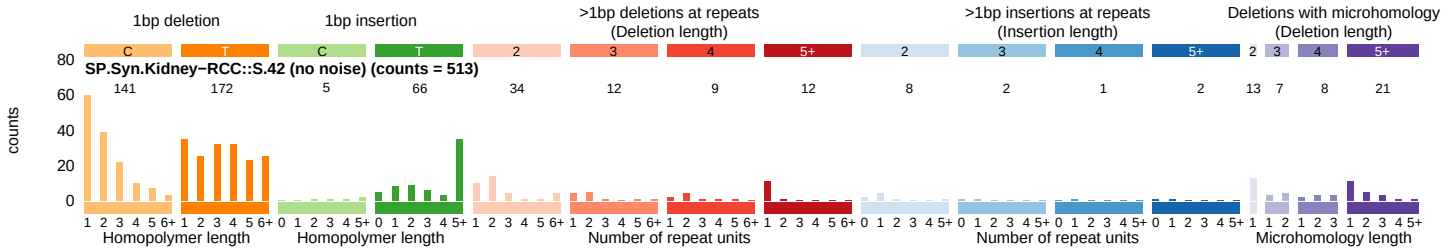
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.41 (no noise) (counts = 367)
47 97 3 18 15 7 6 49 5 2 1 4 5 6 4 98
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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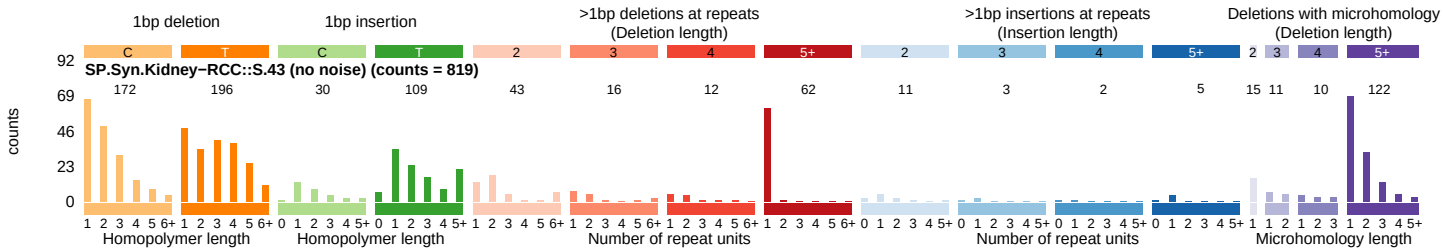
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.42 (no noise) (counts = 513)
141 172 5 66 34 12 9 12 8 2 1 2 13 7 8 21
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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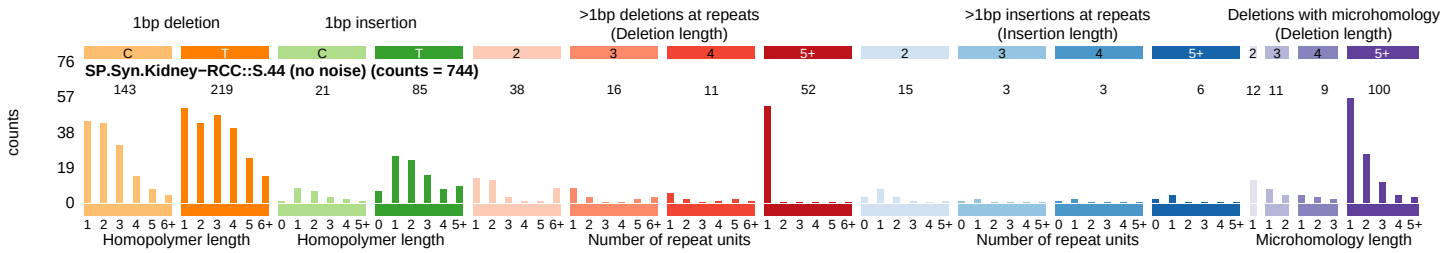
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.43 (no noise) (counts = 819)
172 196 30 109 43 16 12 62 11 3 2 5 15 11 10 122
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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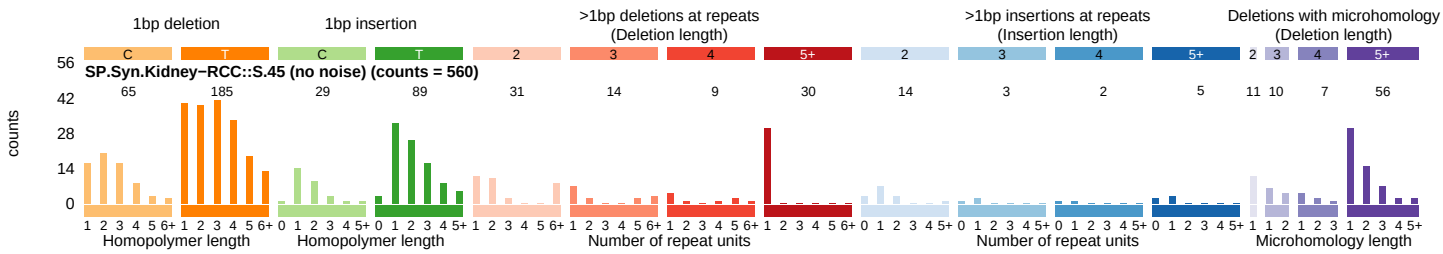
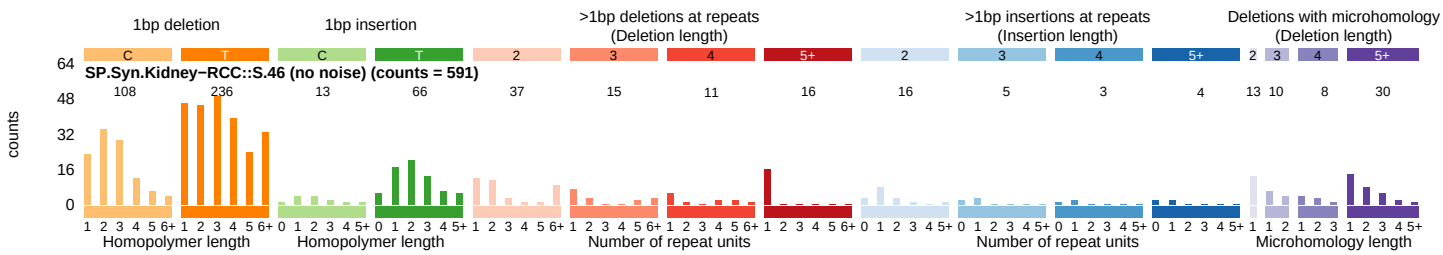
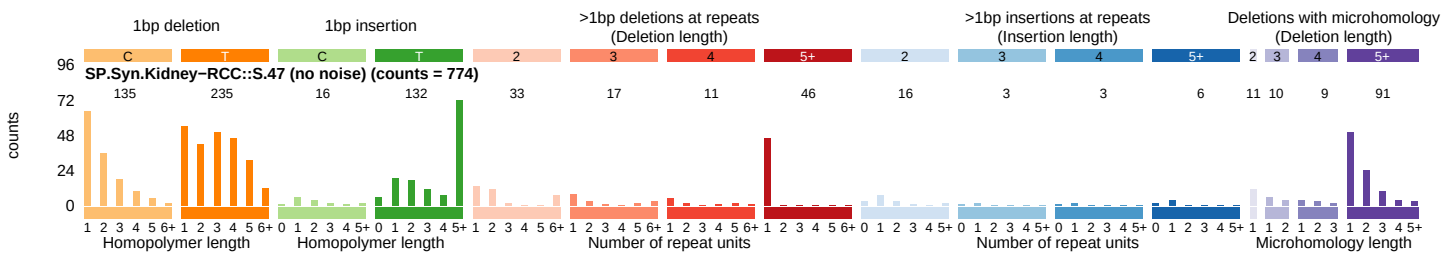
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.44 (no noise) (counts = 744)
143 219 21 85 38 16 11 52 15 3 3 6 12 11 9 100
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.45 (no noise) (counts = 560)
65 185 29 89 31 14 9 30 14 3 2 5 11 10 7 56
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.46 (no noise) (counts = 591)
108 236 13 66 37 15 11 16 16 5 3 4 13 10 8 30
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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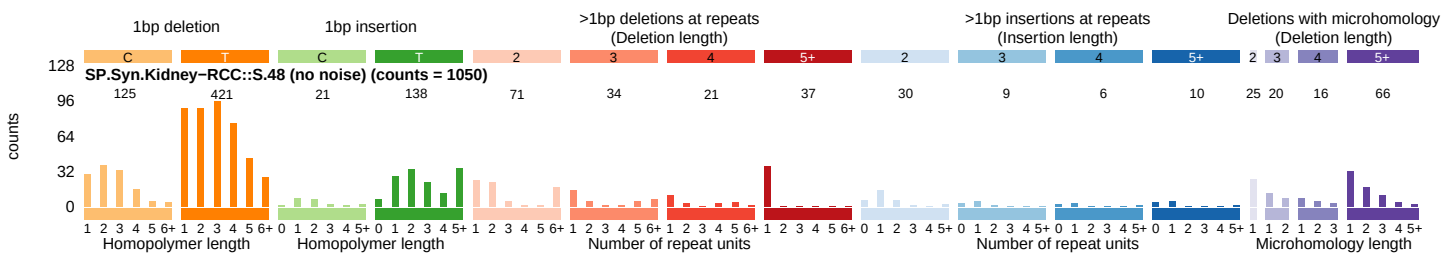
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.47 (no noise) (counts = 774)
135 235 16 132 33 17 11 46 16 3 3 6 11 10 9 91
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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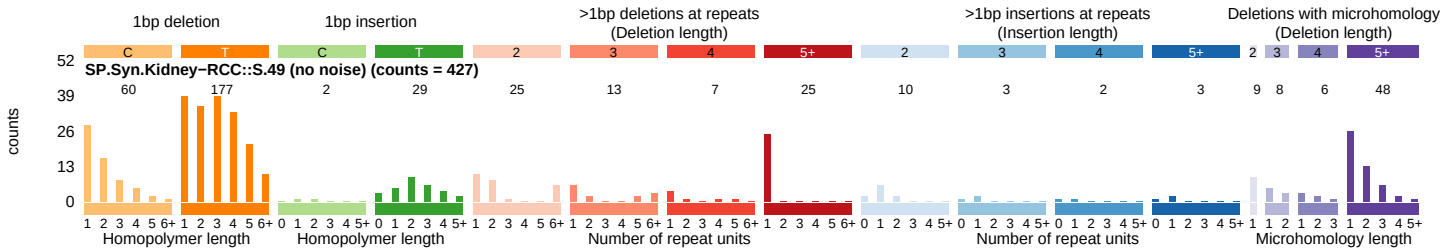
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.48 (no noise) (counts = 1050)
125 421 21 138 71 34 21 37 30 9 6 10 25 20 16 66
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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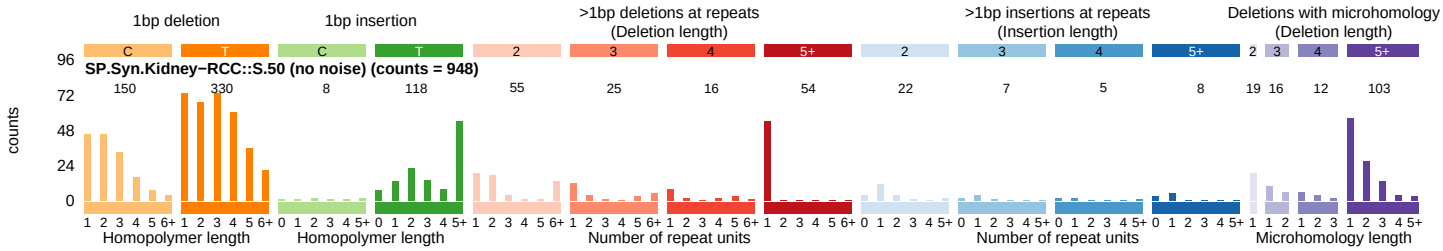
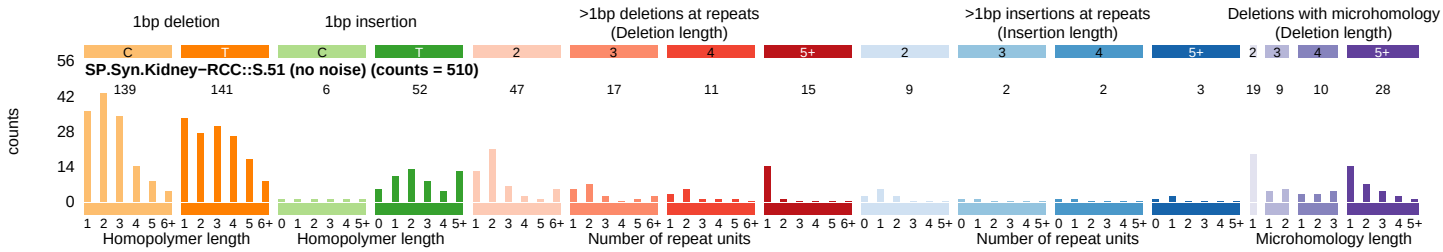
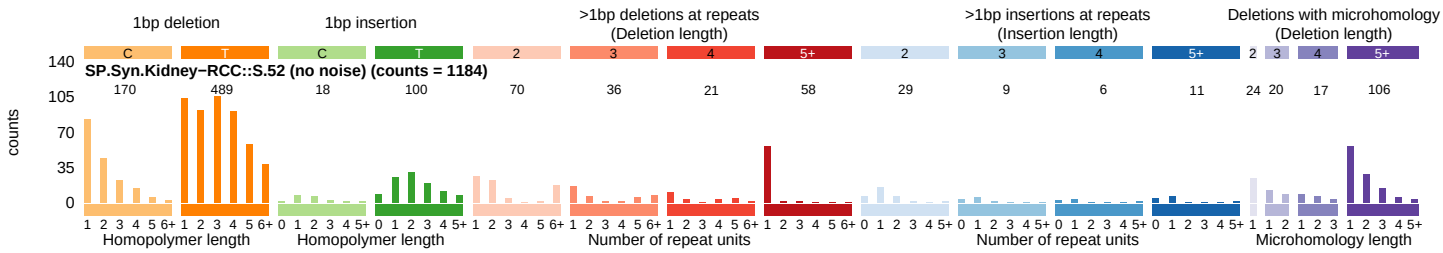
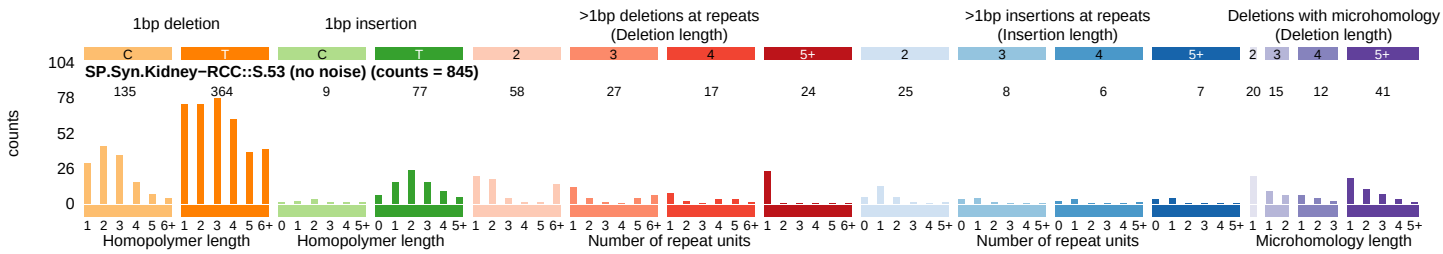
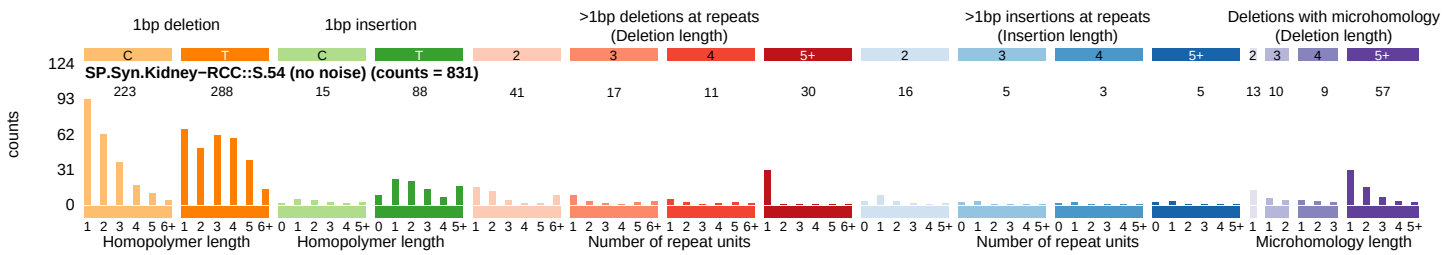
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.49 (no noise) (counts = 427)
counts
Homopolymer length
Number of repeat units
Microhomology length

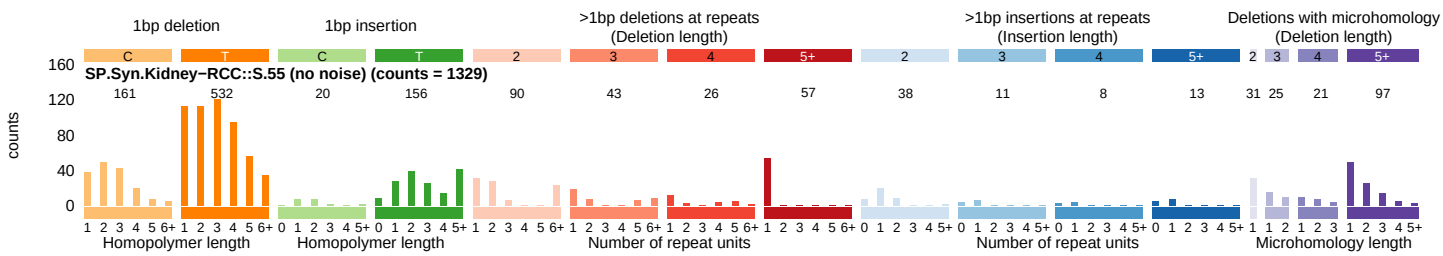

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.50 (no noise) (counts = 948)
counts
Homopolymer length
Number of repeat units
Microhomology length

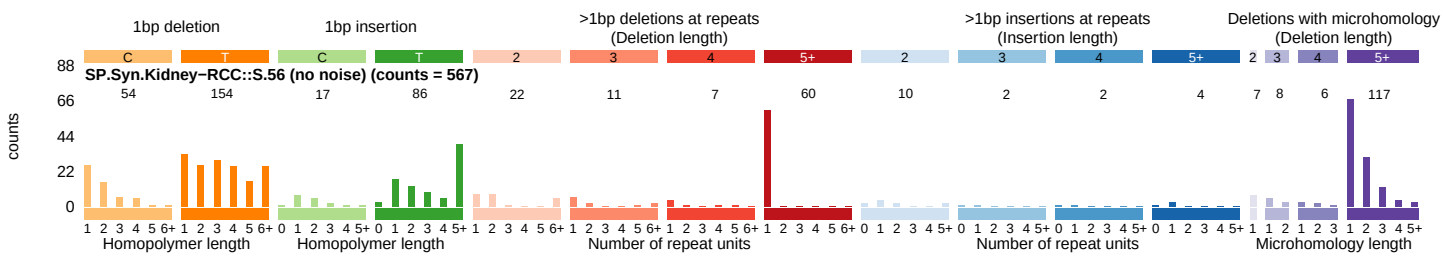

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.51 (no noise) (counts = 510)
counts
Homopolymer length
Number of repeat units
Microhomology length

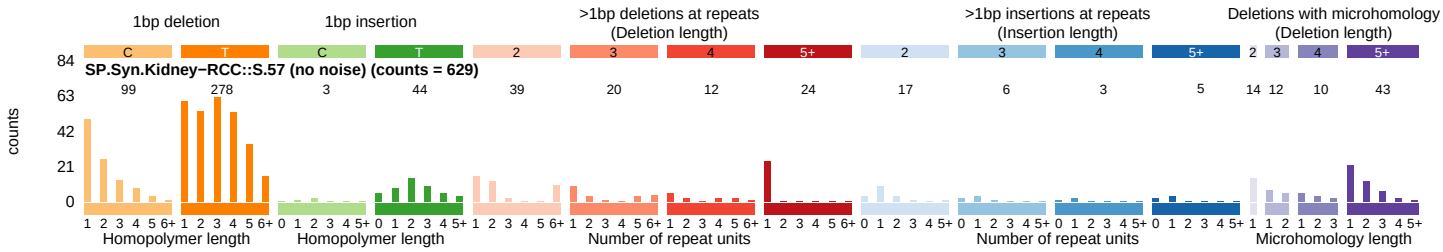

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.52 (no noise) (counts = 1184)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.53 (no noise) (counts = 845)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.54 (no noise) (counts = 831)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.55 (no noise) (counts = 1329)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.56 (no noise) (counts = 567)
counts
Homopolymer length
Number of repeat units
Microhomology length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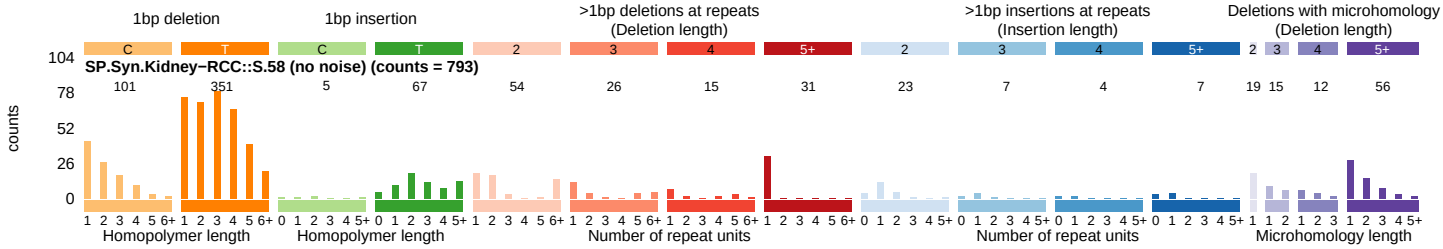
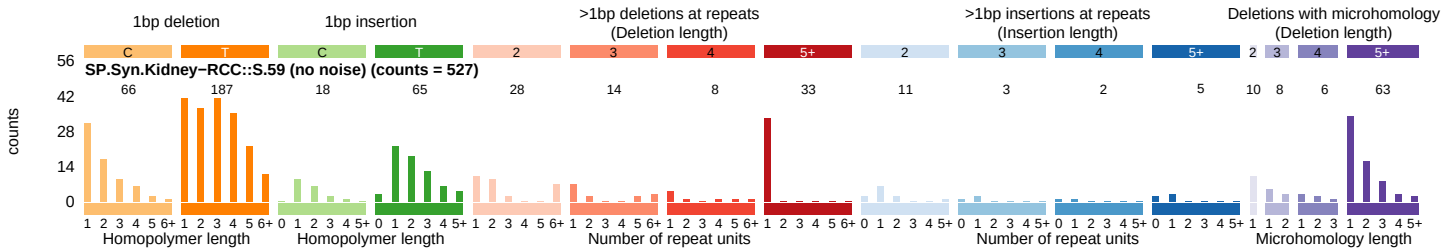
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.57 (no noise) (counts = 629)
99 278 3 44 39 20 12 24 17 6 3 5 14 12 10 43
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.58 (no noise) (counts = 793)
101 351 5 67 54 26 15 31 23 7 4 7 19 15 12 56
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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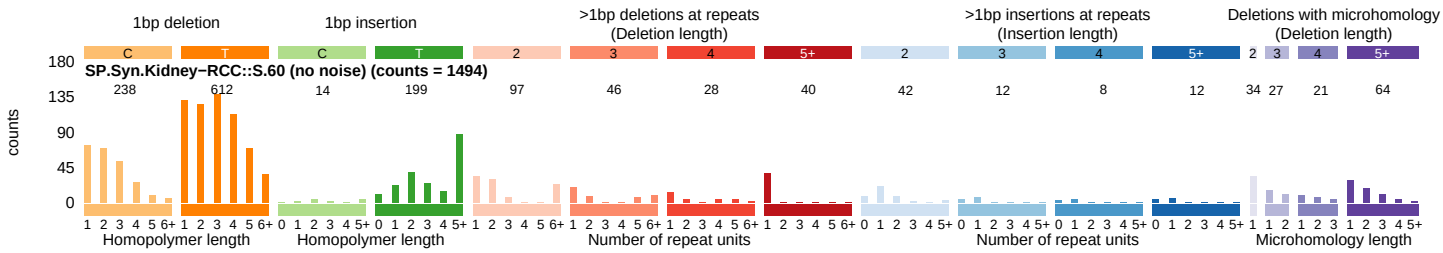
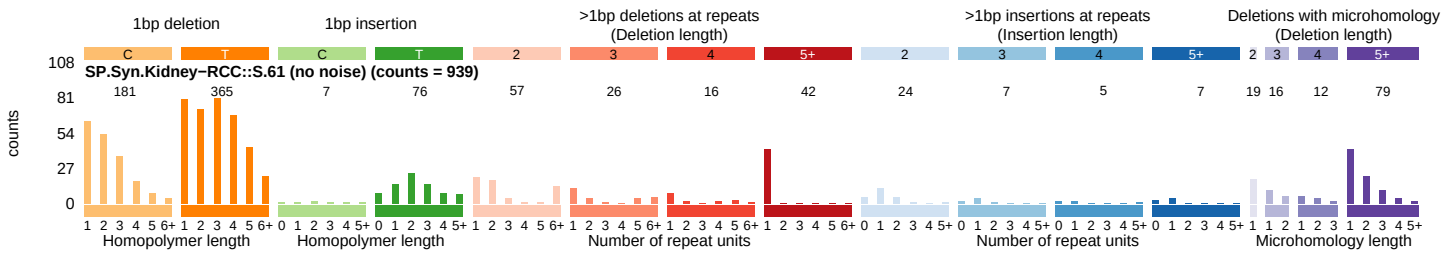
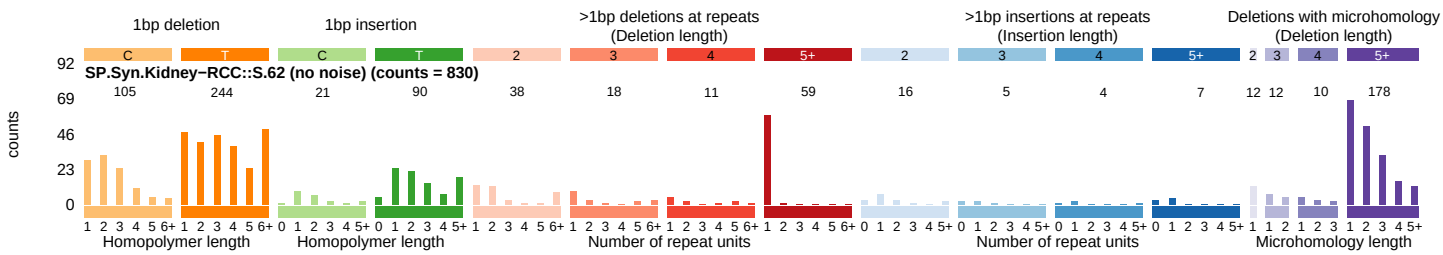
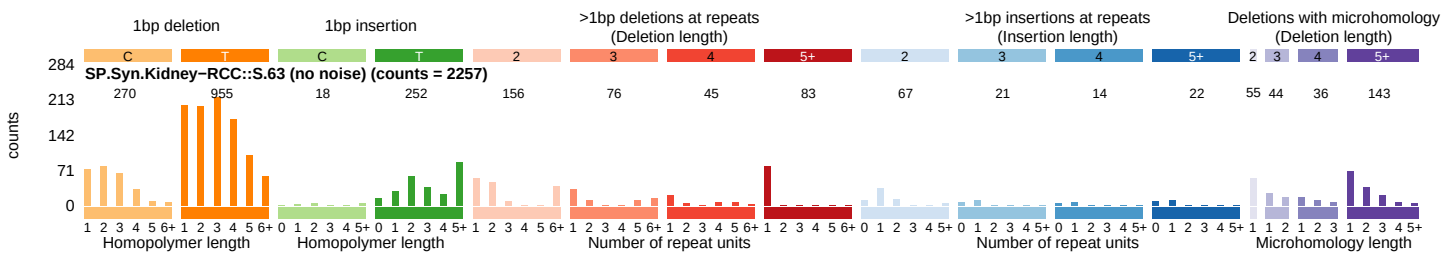
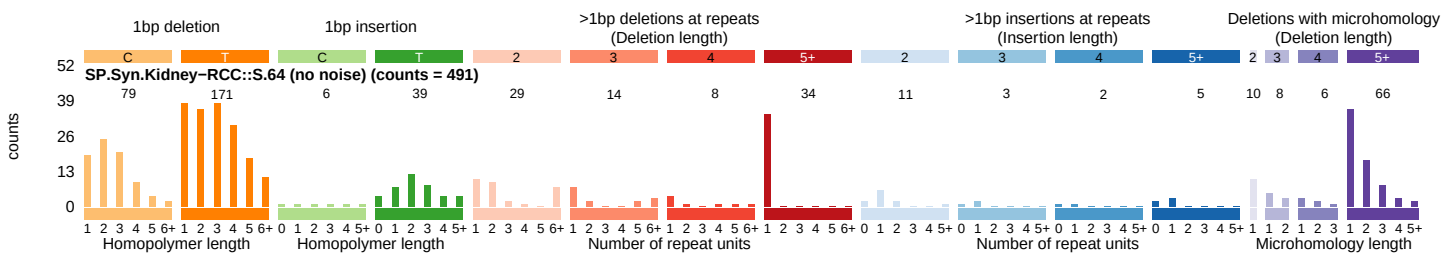
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.59 (no noise) (counts = 527)
66 187 18 65 28 14 8 33 11 3 2 5 10 8 6 63
counts
Homopolymer length
Number of repeat units
Microhomology length

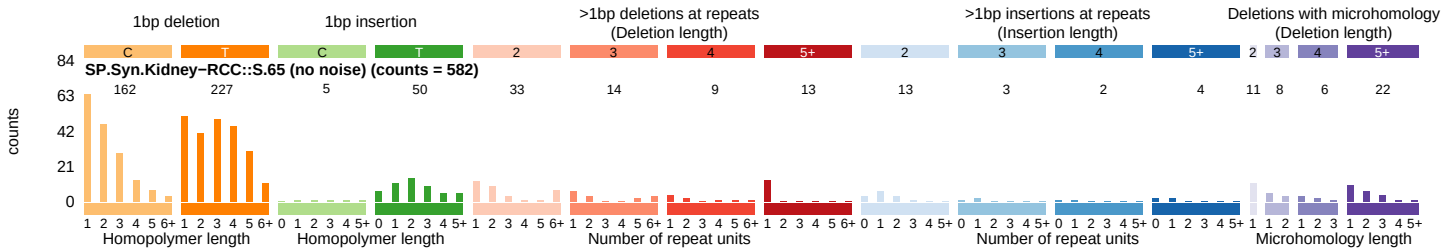

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.60 (no noise) (counts = 1494)
238 612 14 199 97 46 28 40 42 12 8 12 34 27 21 64
counts
Homopolymer length
Number of repeat units
Microhomology length

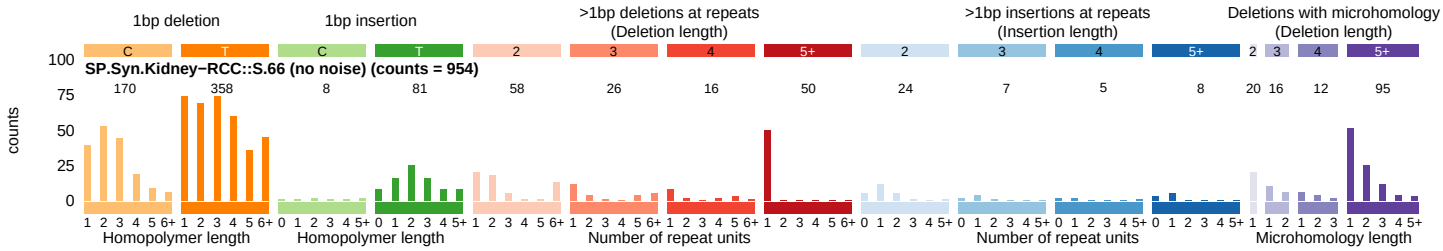

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.61 (no noise) (counts = 939)
181 365 7 76 57 26 16 42 24 7 5 7 19 16 12 79
counts
Homopolymer length
Number of repeat units
Microhomology length

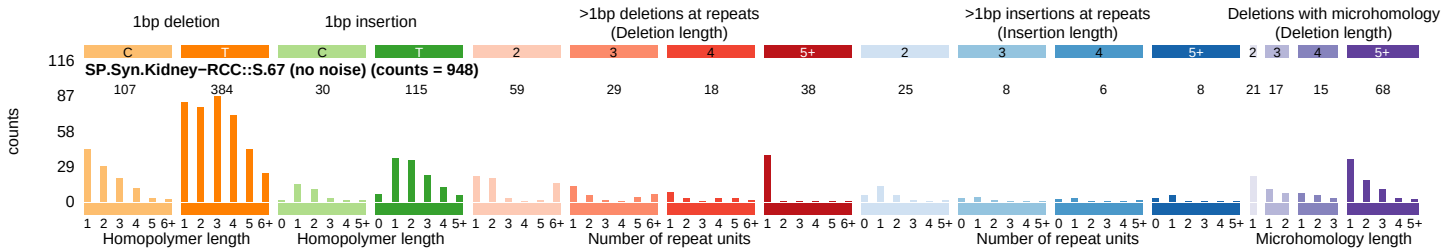

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.62 (no noise) (counts = 830)
105 244 21 90 38 18 11 59 16 5 4 7 12 12 10 178
counts
Homopolymer length
Number of repeat units
Microhomology length

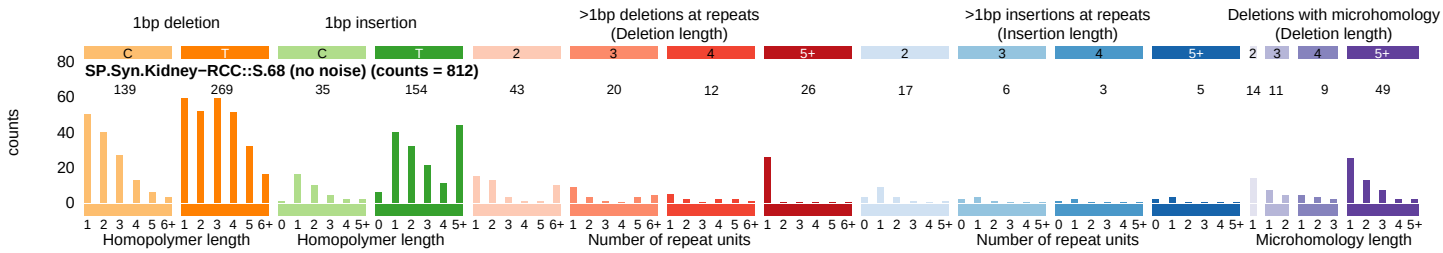

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.63 (no noise) (counts = 2257)
270 955 18 252 156 76 45 83 67 21 14 22 55 44 36 143
counts
Homopolymer length
Number of repeat units
Microhomology length

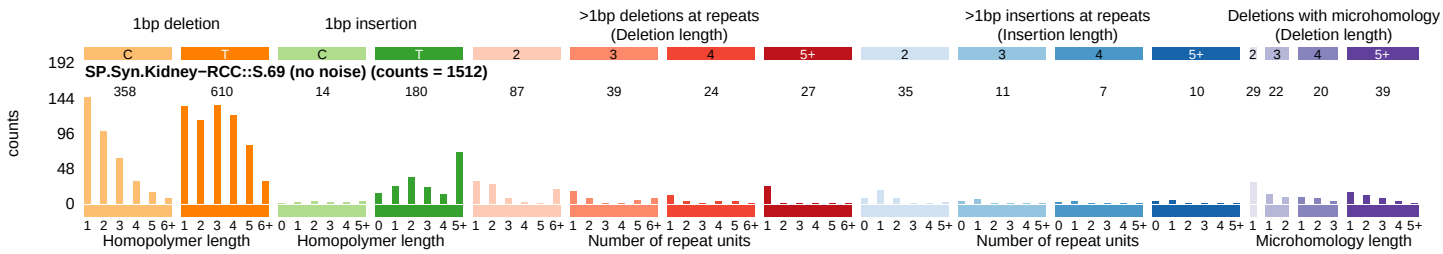

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.64 (no noise) (counts = 491)
79 171 6 39 29 14 8 34 11 3 2 5 10 8 6 66
counts
Homopolymer length
Number of repeat units
Microhomology length

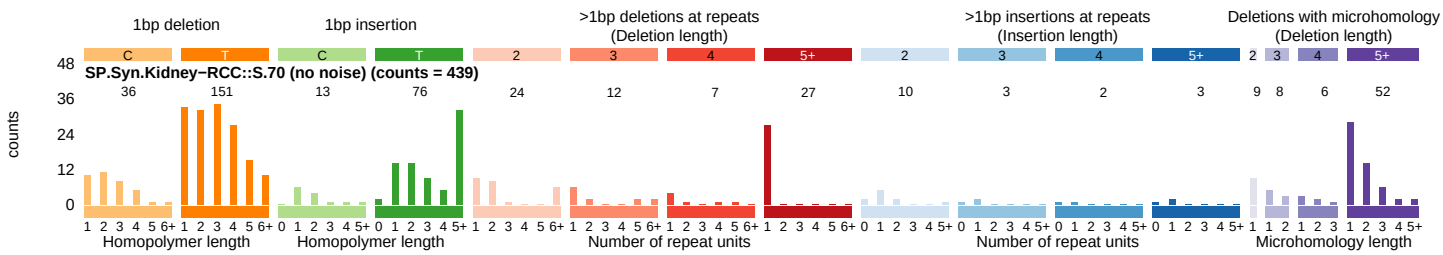

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.65 (no noise) (counts = 582)
162 227 5 50 33 14 9 13 13 3 2 4 11 8 6 22
counts
Homopolymer length
Number of repeat units
Microhomology length

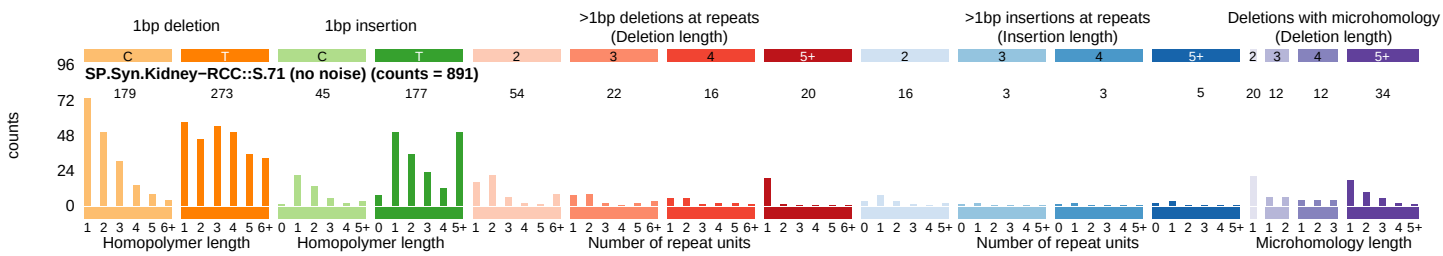

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.66 (no noise) (counts = 954)
170 358 8 81 58 26 16 50 24 7 5 8 20 16 12 95
counts
Homopolymer length
Number of repeat units
Microhomology length

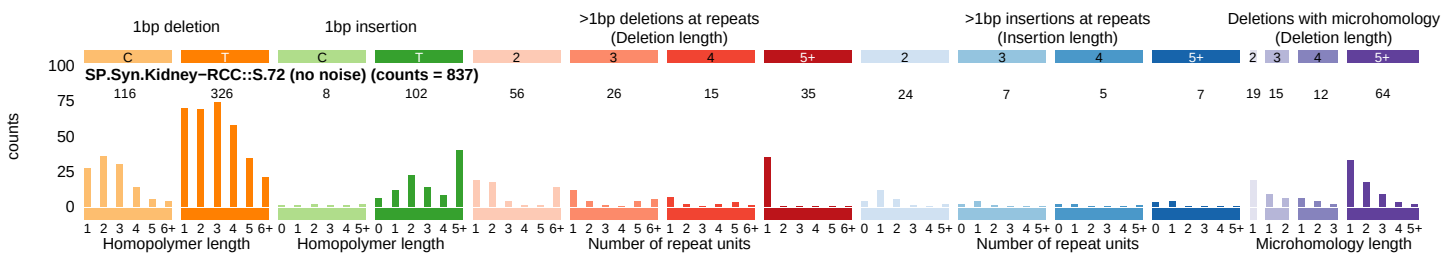

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.67 (no noise) (counts = 948)
107 384 30 115 59 29 18 38 25 8 6 8 21 17 15 68
counts
Homopolymer length
Number of repeat units
Microhomology length

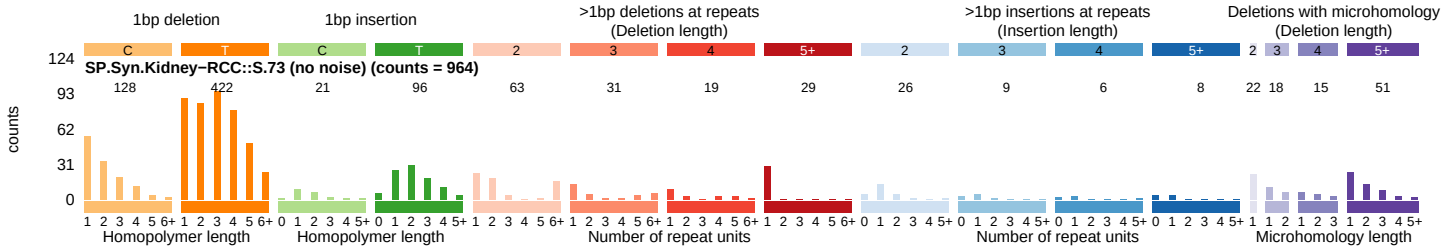

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.68 (no noise) (counts = 812)
139 269 35 154 43 20 12 26 17 6 3 5 14 11 9 49
counts
Homopolymer length
Number of repeat units
Microhomology length

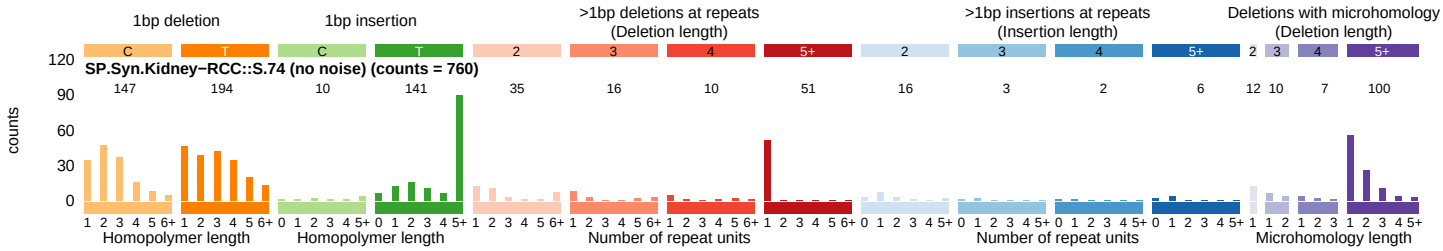

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.69 (no noise) (counts = 1512)
358 610 14 180 87 39 24 27 35 11 7 10 29 22 20 39
counts
Homopolymer length
Number of repeat units
Microhomology length

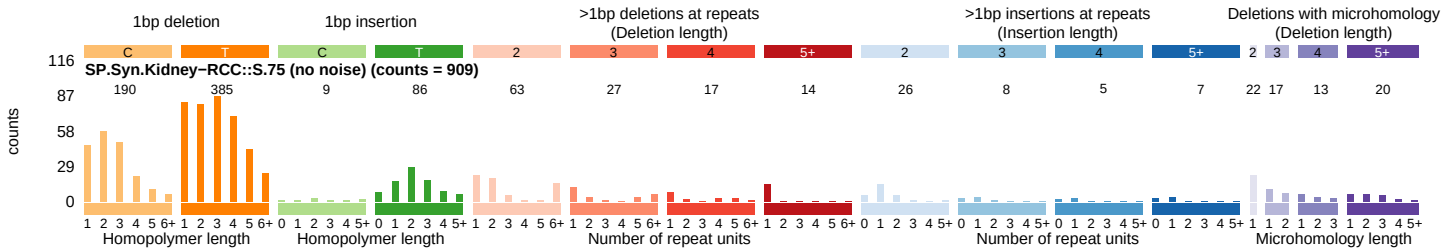

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.70 (no noise) (counts = 439)
36 151 13 76 24 12 7 27 10 3 2 3 9 8 6 52
counts
Homopolymer length
Number of repeat units
Microhomology length

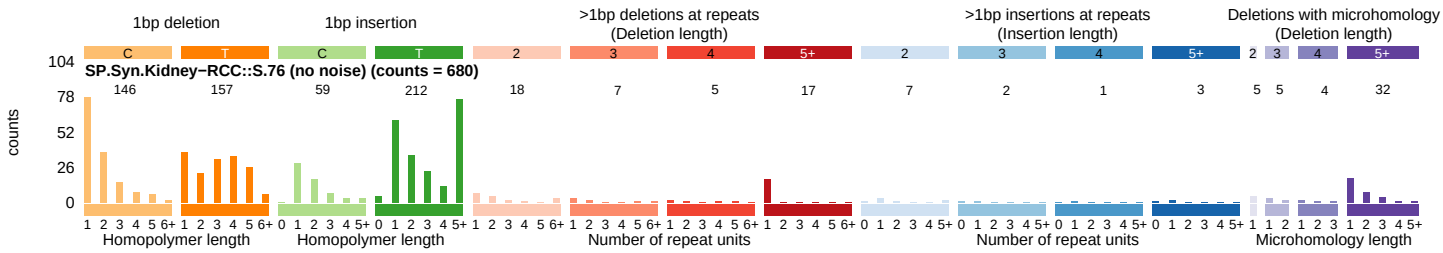

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.71 (no noise) (counts = 891)
179 273 45 177 54 22 16 20 16 3 3 5 20 12 12 34
counts
Homopolymer length
Number of repeat units
Microhomology length

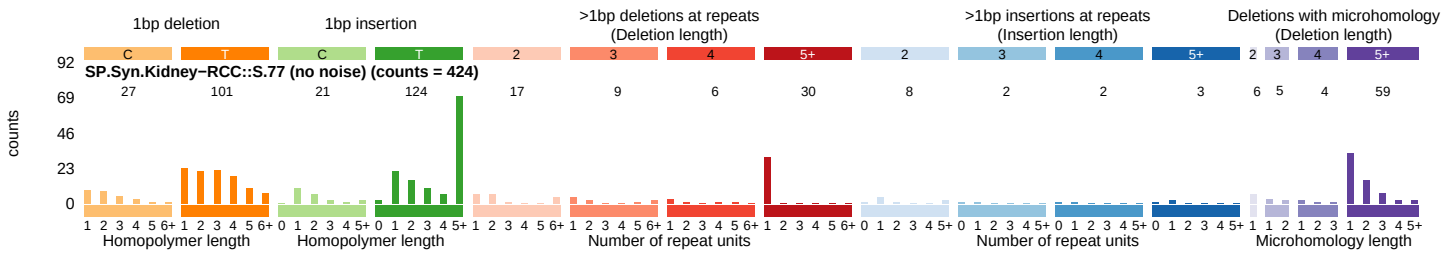

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.72 (no noise) (counts = 837)
116 326 8 102 56 26 15 35 24 7 5 7 19 15 12 64
counts
Homopolymer length
Number of repeat units
Microhomology length

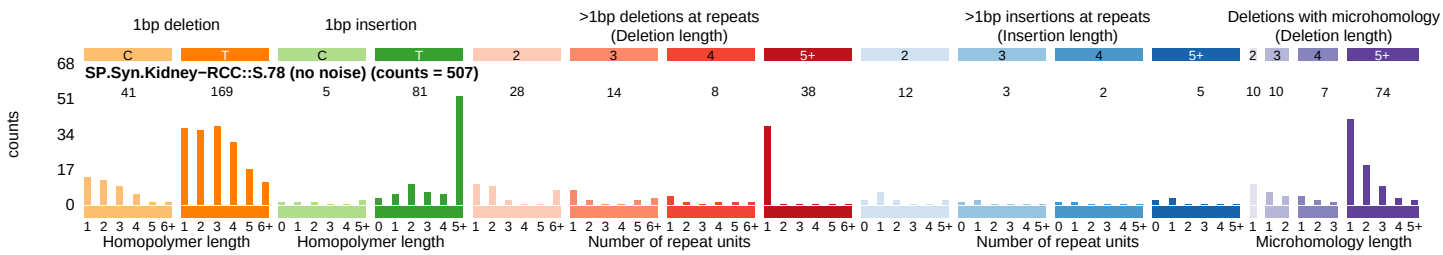

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.73 (no noise) (counts = 964)
128 422 21 96 63 31 19 29 26 9 6 8 22 18 15 51
counts
Homopolymer length
Number of repeat units
Microhomology length

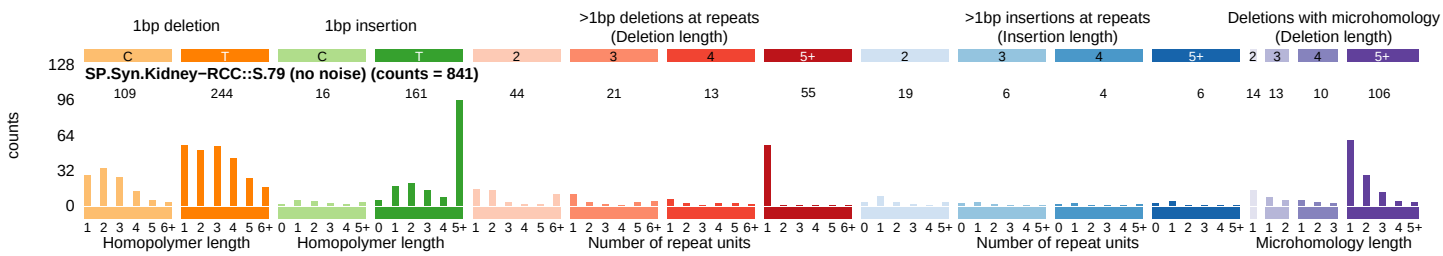

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.74 (no noise) (counts = 760)
147 194 10 141 35 16 10 51 16 3 2 6 12 10 7 100
counts
Homopolymer length
Number of repeat units
Microhomology length

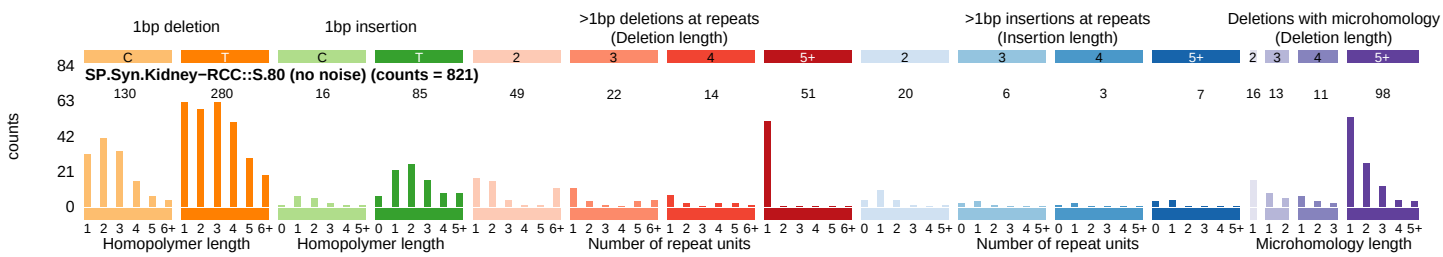

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.75 (no noise) (counts = 909)
190 385 9 86 63 27 17 14 26 8 5 7 22 17 13 20
counts
Homopolymer length
Number of repeat units
Microhomology length

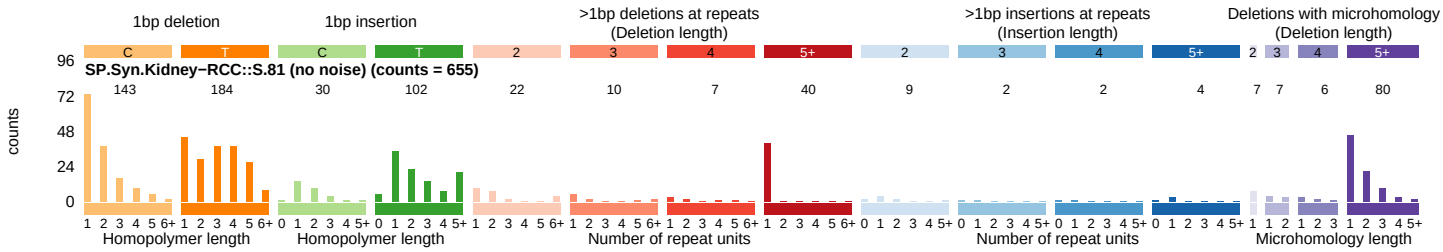

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.76 (no noise) (counts = 680)
146 157 59 212 18 7 5 17 7 2 1 3 5 5 4 32
counts
Homopolymer length
Number of repeat units
Microhomology length

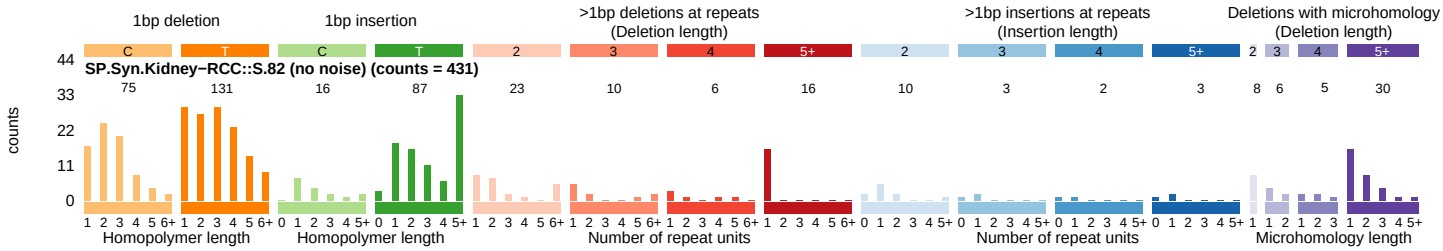

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.77 (no noise) (counts = 424)
27 101 21 124 17 9 6 30 8 2 2 3 6 5 4 59
counts
Homopolymer length
Number of repeat units
Microhomology length

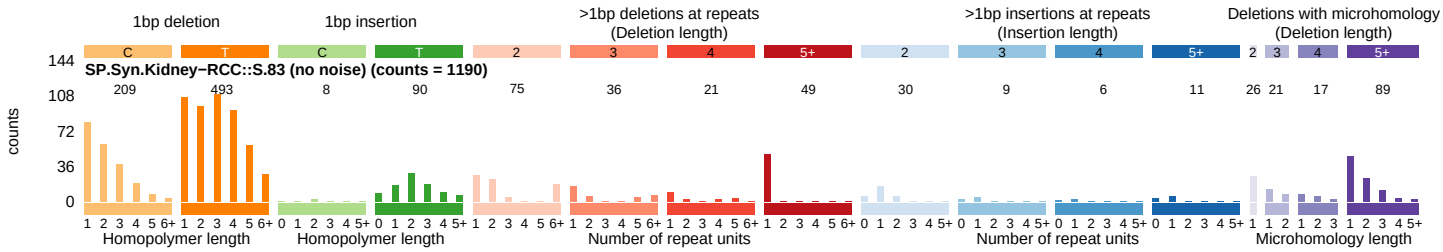

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.78 (no noise) (counts = 507)
41 169 5 81 28 14 8 38 12 3 2 5 10 10 7 74
counts
Homopolymer length
Number of repeat units
Microhomology length

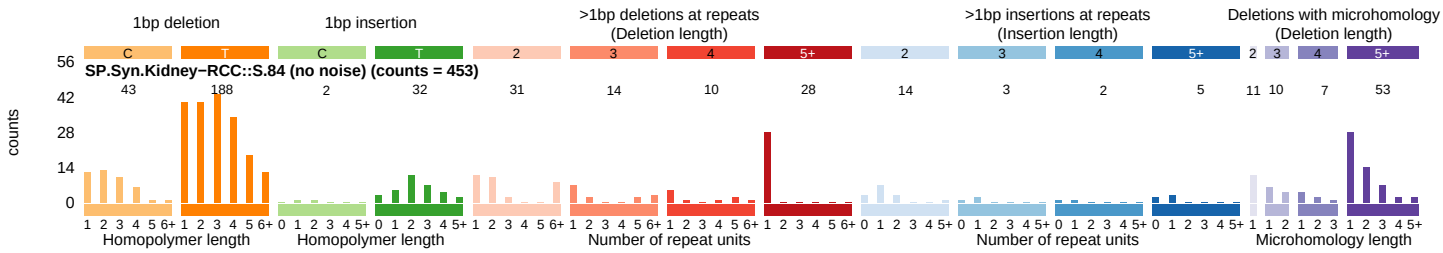

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.79 (no noise) (counts = 841)
109 244 16 161 44 21 13 55 19 6 4 6 14 13 10 106
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.80 (no noise) (counts = 821)
130 280 16 85 49 22 14 51 20 6 3 7 16 13 11 98
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.81 (no noise) (counts = 655)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.82 (no noise) (counts = 431)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.83 (no noise) (counts = 1190)
counts
Homopolymer length
Number of repeat units
Microhomology length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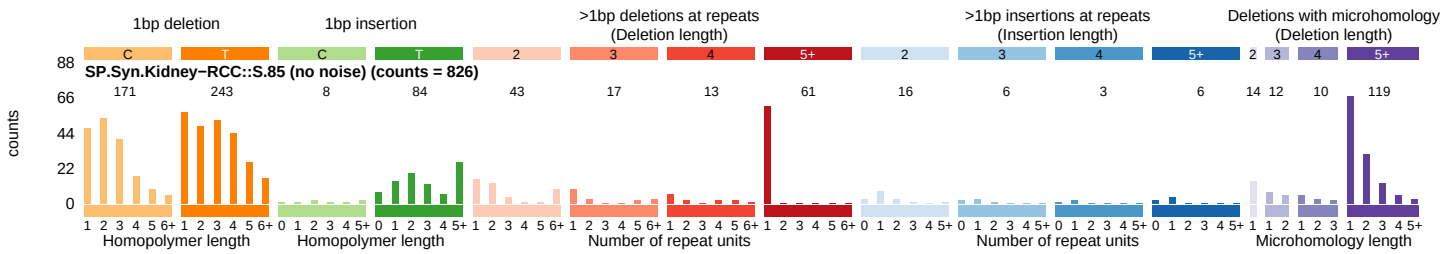
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.84 (no noise) (counts = 453)
counts
Homopolymer length
Number of repeat units
Microhomology length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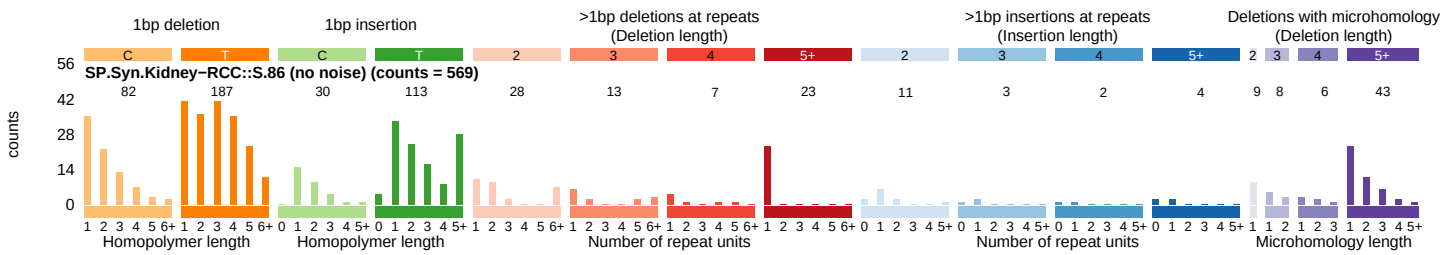
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.85 (no noise) (counts = 826)
counts
Homopolymer length
Number of repeat units
Microhomology length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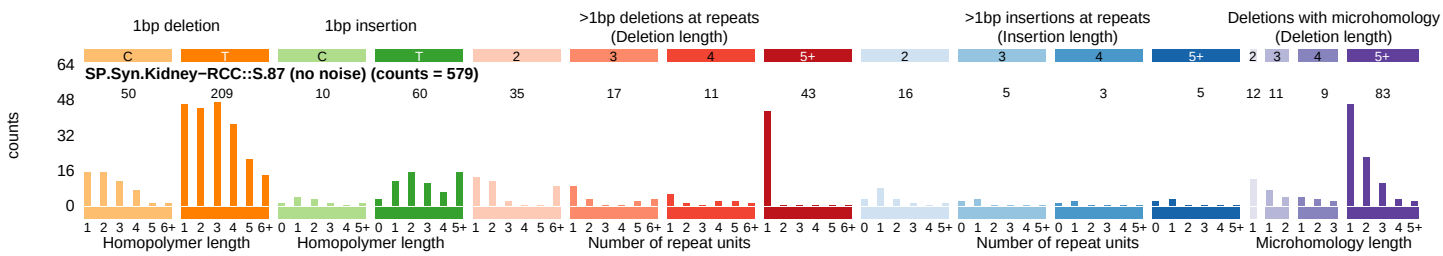
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.86 (no noise) (counts = 569)
counts
Homopolymer length
Number of repeat units
Microhomology length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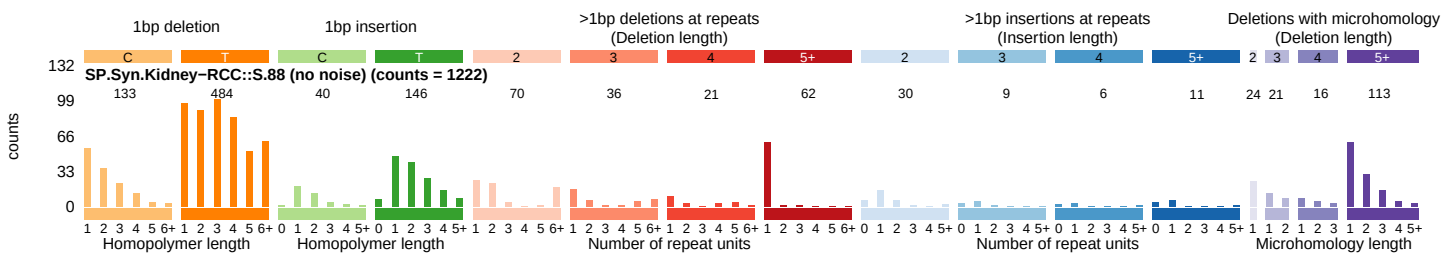
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.87 (no noise) (counts = 579)
counts
Homopolymer length
Number of repeat units
Microhomology length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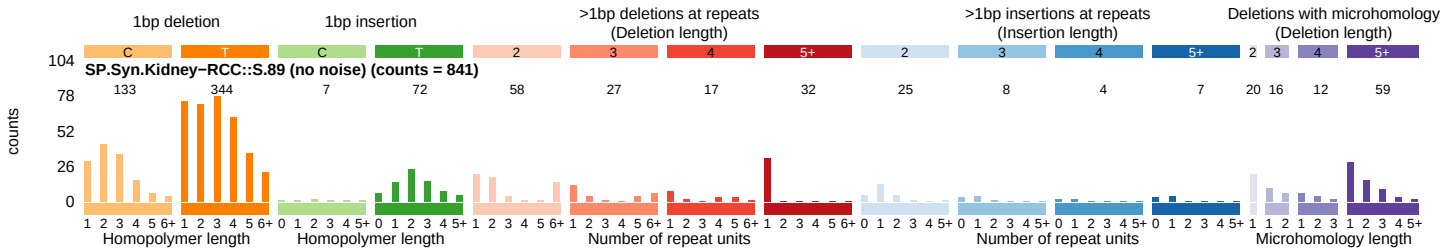
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.88 (no noise) (counts = 1222)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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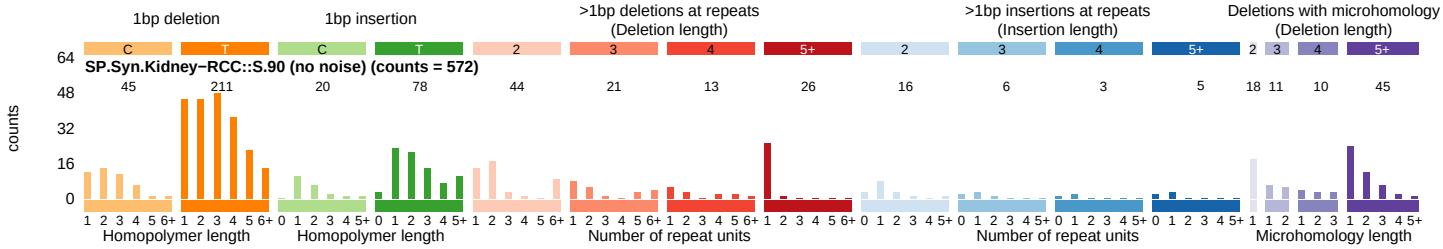
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.89 (no noise) (counts = 841)
133 344 7 72 58 27 17 32 25 8 4 7 20 16 12 59
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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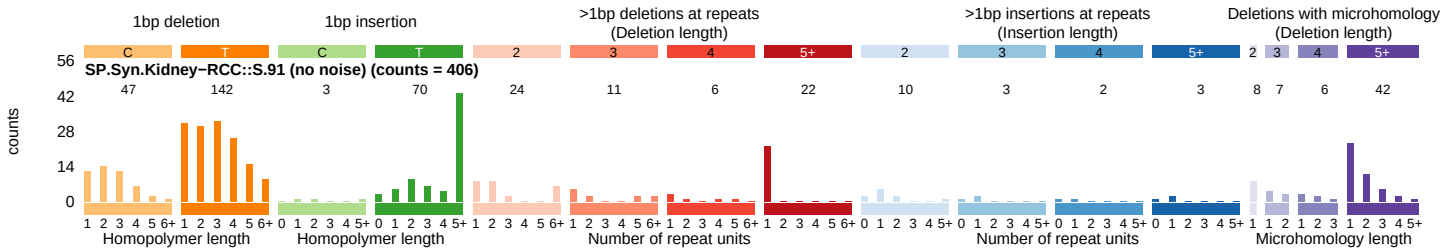
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.90 (no noise) (counts = 572)
45 211 20 78 44 21 13 26 16 6 3 5 18 11 10 45
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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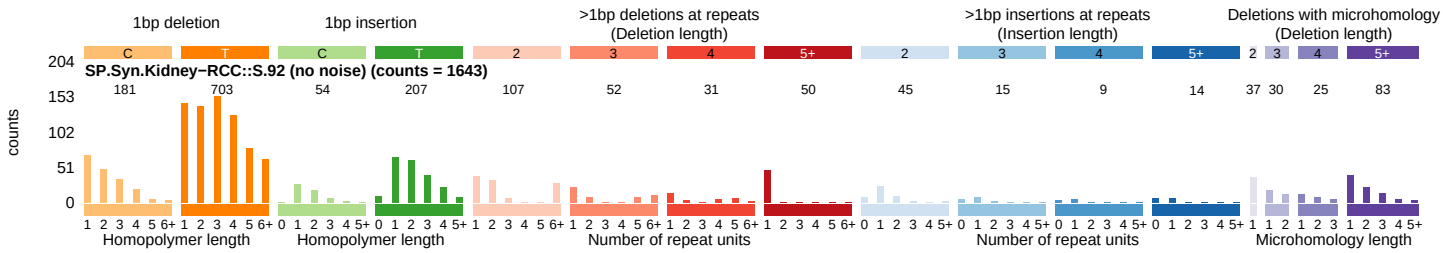
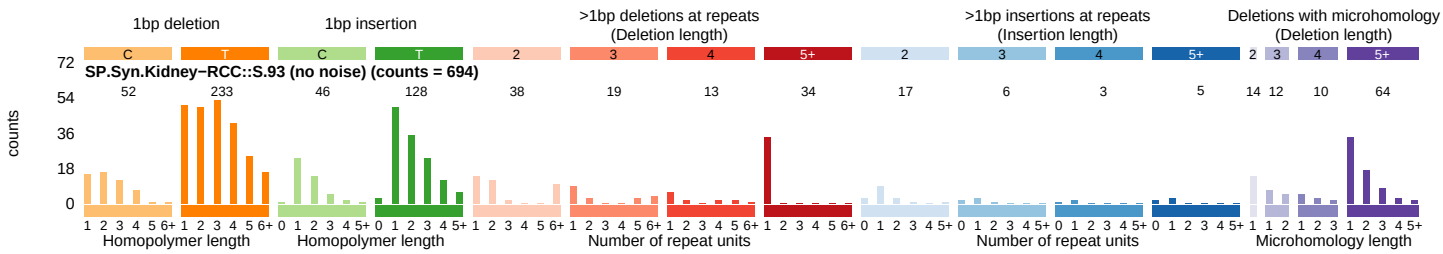
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.91 (no noise) (counts = 406)
47 142 3 70 24 11 6 22 10 3 2 3 8 7 6 42
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.92 (no noise) (counts = 1643)
181 703 54 207 107 52 31 50 45 15 9 14 37 30 25 83
counts
Homopolymer length
Number of repeat units
Microhomology length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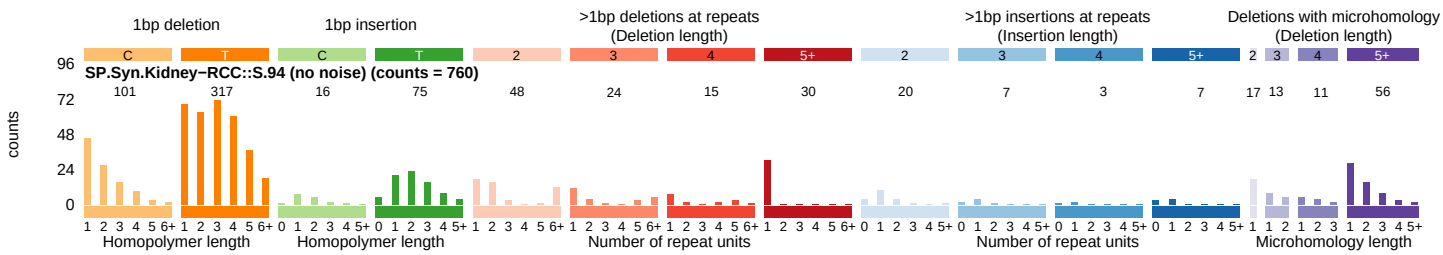
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.93 (no noise) (counts = 694)
52 233 46 128 38 19 13 34 17 6 3 5 14 12 10 64
counts
Homopolymer length
Number of repeat units
Microhomology length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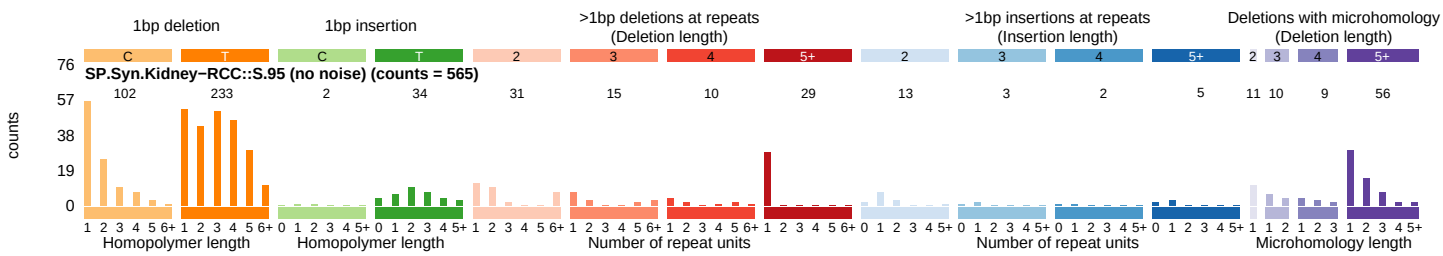
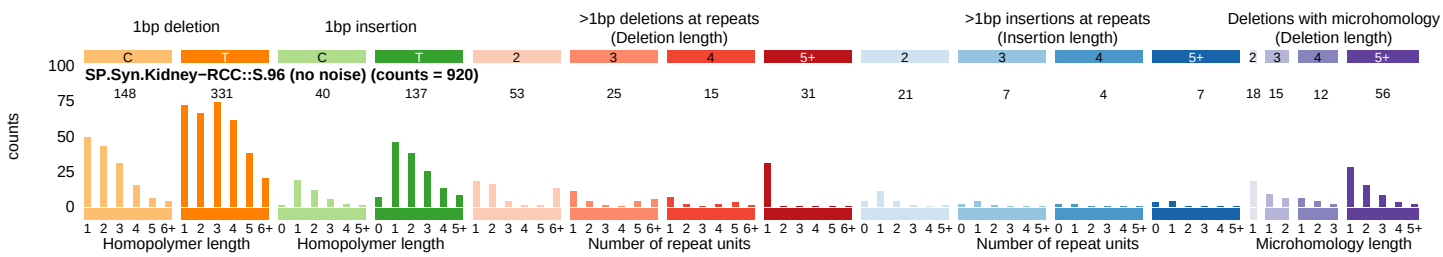
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.94 (no noise) (counts = 760)
101 317 16 75 48 24 15 30 20 7 3 7 17 13 11 56
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.95 (no noise) (counts = 565)
102 233 2 34 31 15 10 29 13 3 2 5 11 10 9 56
counts
Homopolymer length
Number of repeat units
Microhomology length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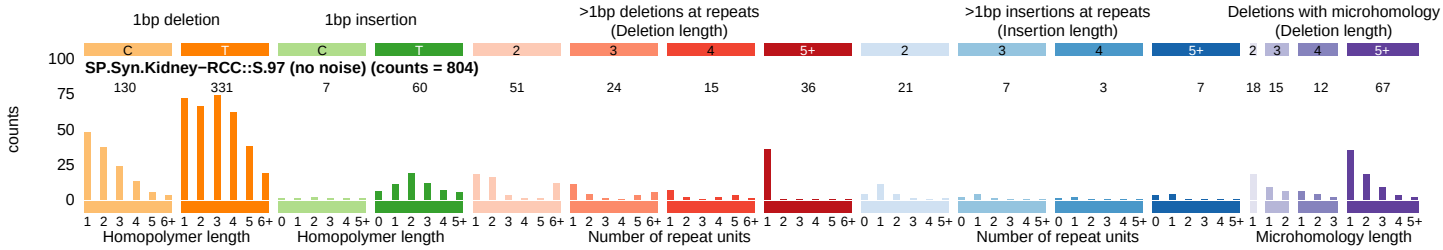
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.96 (no noise) (counts = 920)
148 331 40 137 53 25 15 31 21 7 4 7 18 15 12 56
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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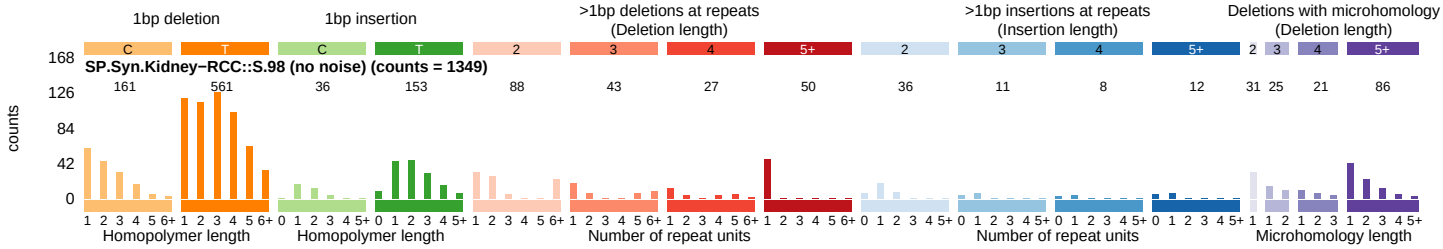
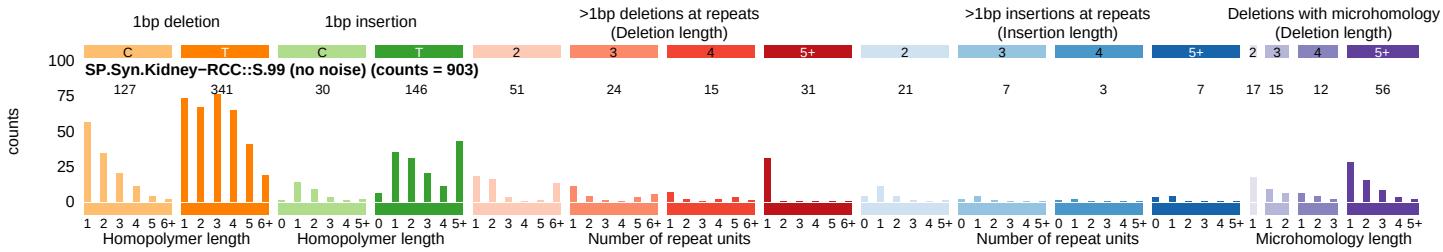
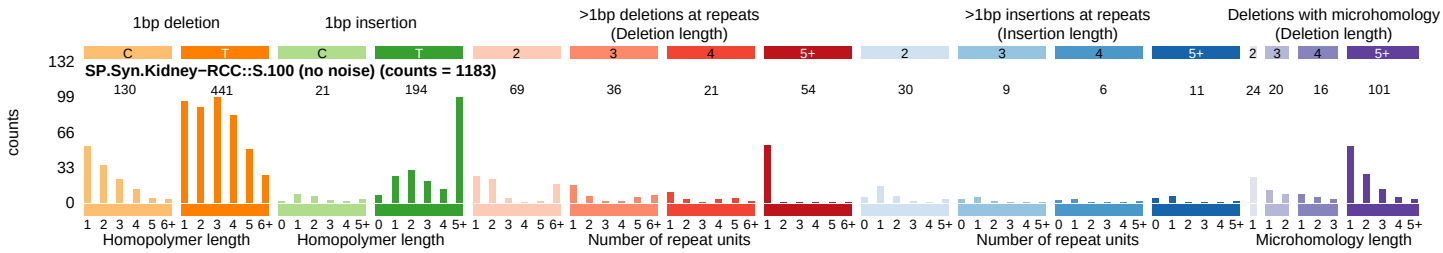
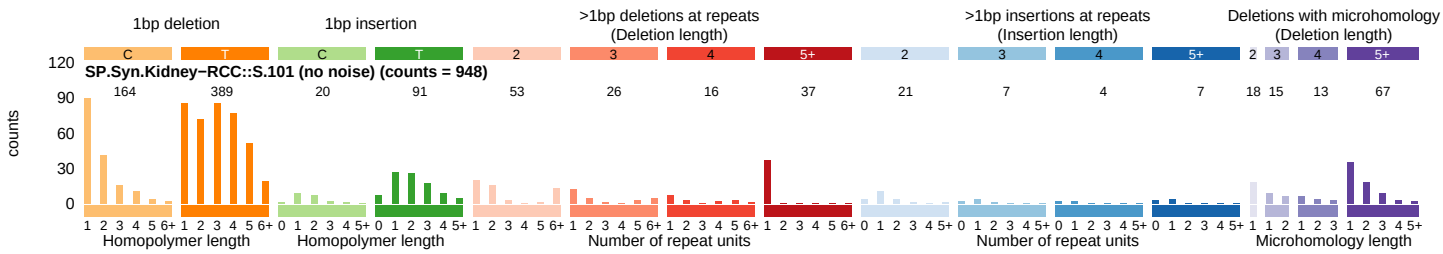
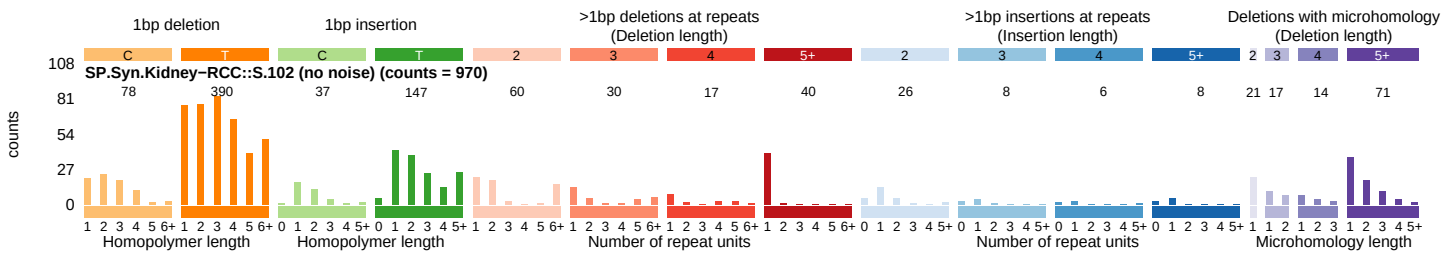
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.97 (no noise) (counts = 804)
130 331 7 60 51 24 15 36 21 7 3 7 18 15 12 67
counts
Homopolymer length
Number of repeat units
Microhomology length

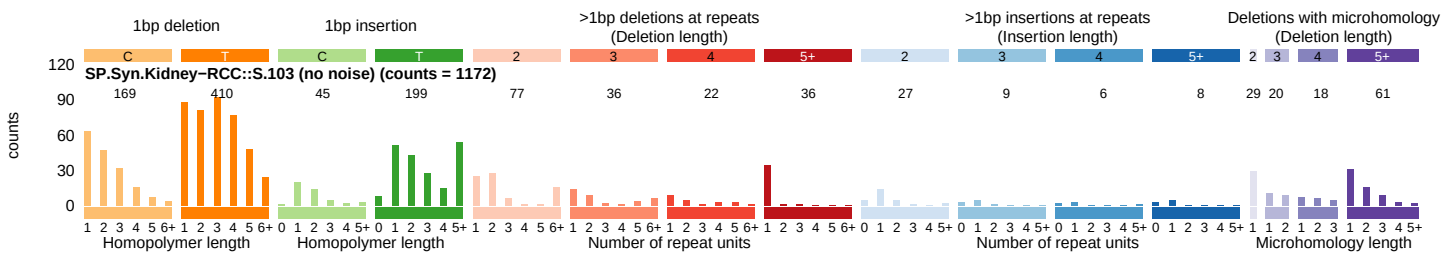

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.98 (no noise) (counts = 1349)
161 561 36 153 88 43 27 50 36 11 8 12 31 25 21 86
counts
Homopolymer length
Number of repeat units
Microhomology length

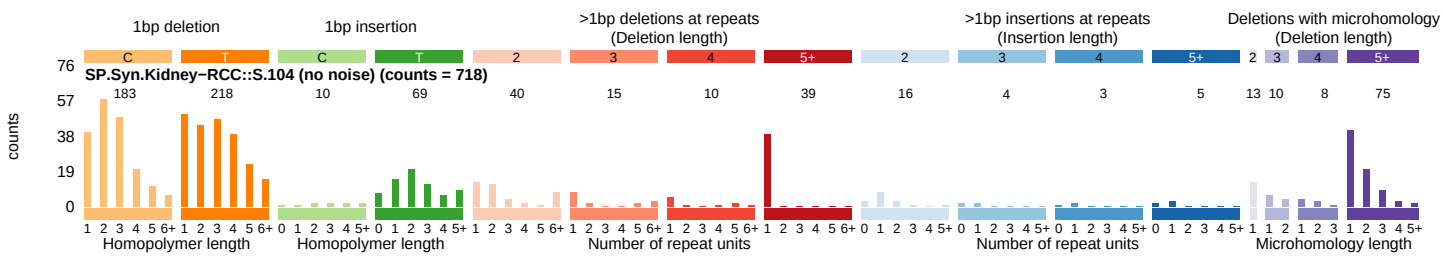

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.99 (no noise) (counts = 903)
127 341 30 146 51 24 15 31 21 7 3 7 17 15 12 56
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.100 (no noise) (counts = 1183)
130 441 21 194 69 36 21 54 30 9 6 11 24 20 16 101
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.101 (no noise) (counts = 948)
164 389 20 91 53 26 16 37 21 7 4 7 18 15 13 67
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.102 (no noise) (counts = 970)
78 390 37 147 60 30 17 40 26 8 6 8 21 17 14 71
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.103 (no noise) (counts = 1172)
169 410 45 199 77 36 22 36 27 9 6 8 29 20 18 61
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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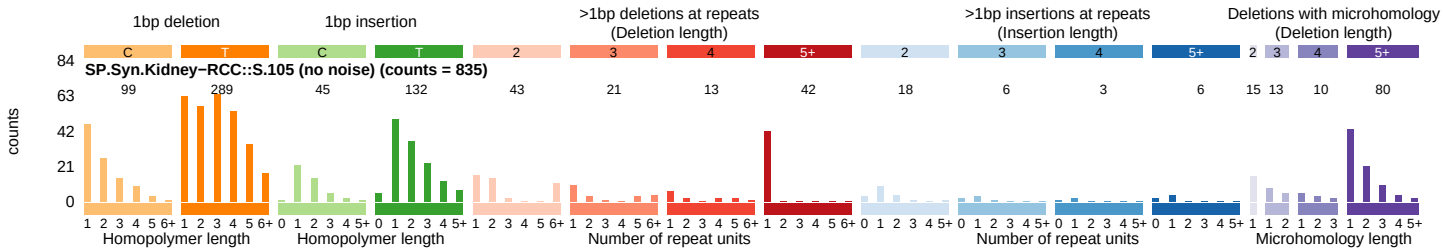
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.104 (no noise) (counts = 718)
183 218 10 69 40 15 10 39 16 4 3 5 13 10 8 75
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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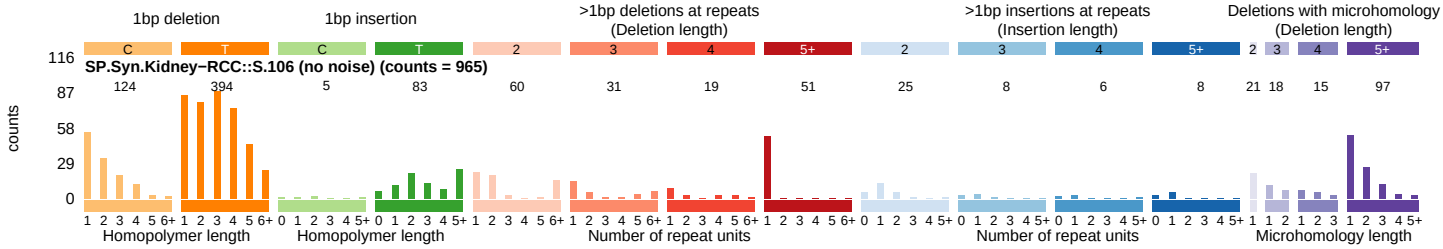
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.105 (no noise) (counts = 835)
99 289 45 132 43 21 13 42 18 6 3 6 15 13 10 80
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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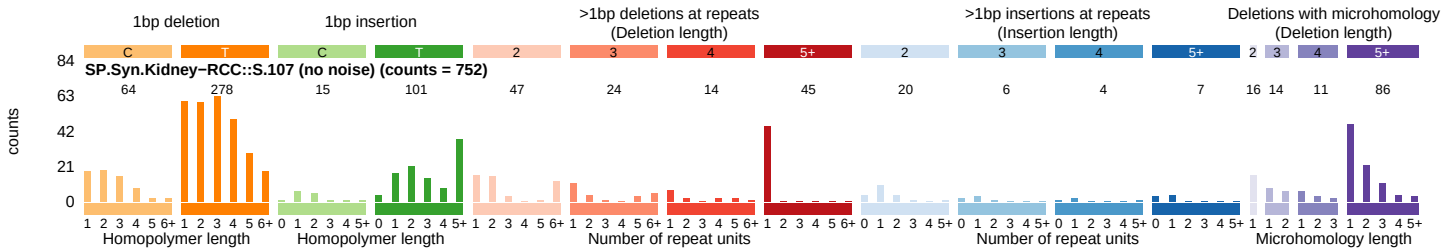
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.106 (no noise) (counts = 965)
124 394 5 83 60 31 19 51 25 8 6 8 21 18 15 97
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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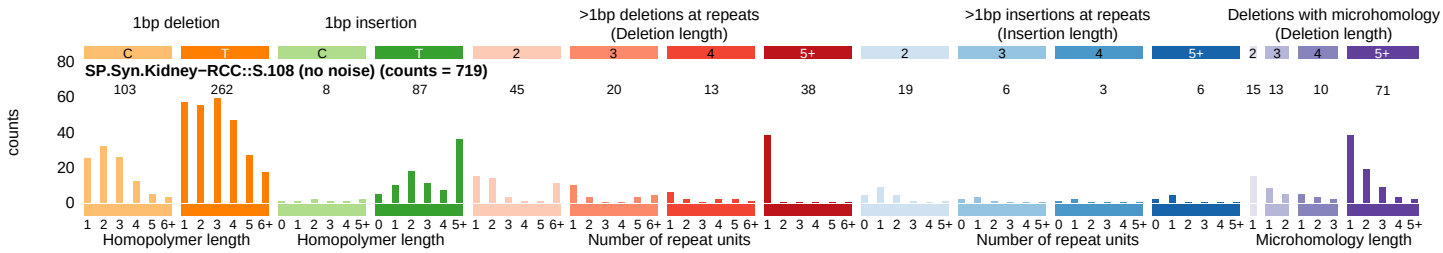
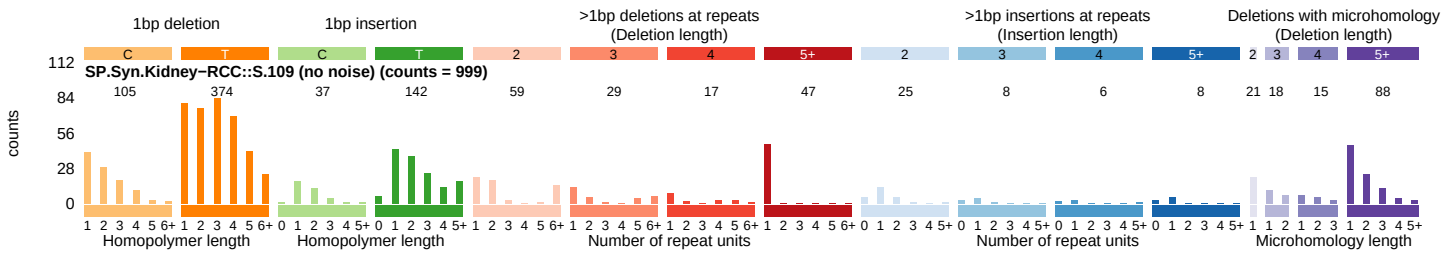
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.107 (no noise) (counts = 752)
64 278 15 101 47 24 14 45 20 6 4 7 16 14 11 86
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.108 (no noise) (counts = 719)
103 262 8 87 45 20 13 38 19 6 3 6 15 13 10 71
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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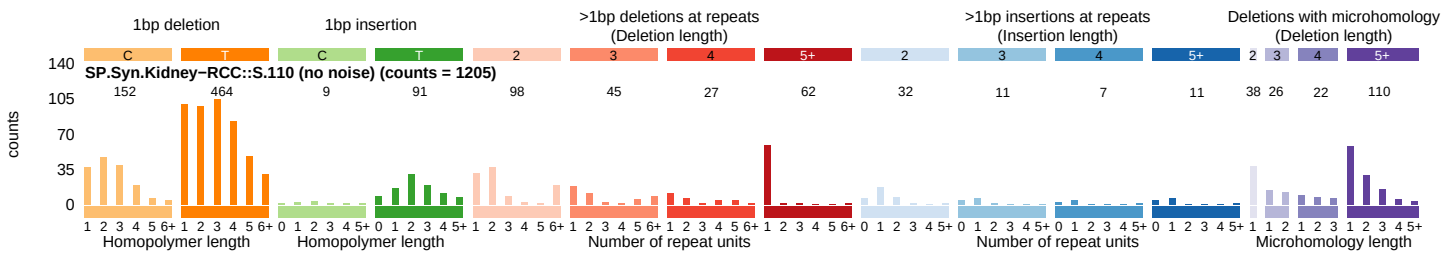
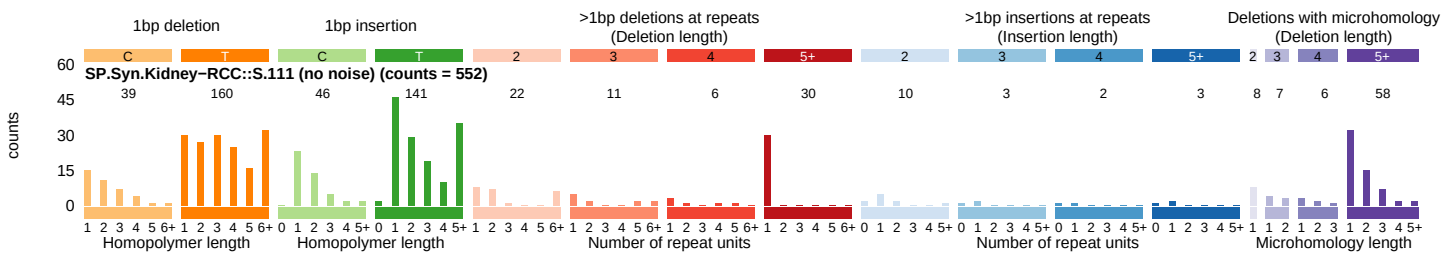
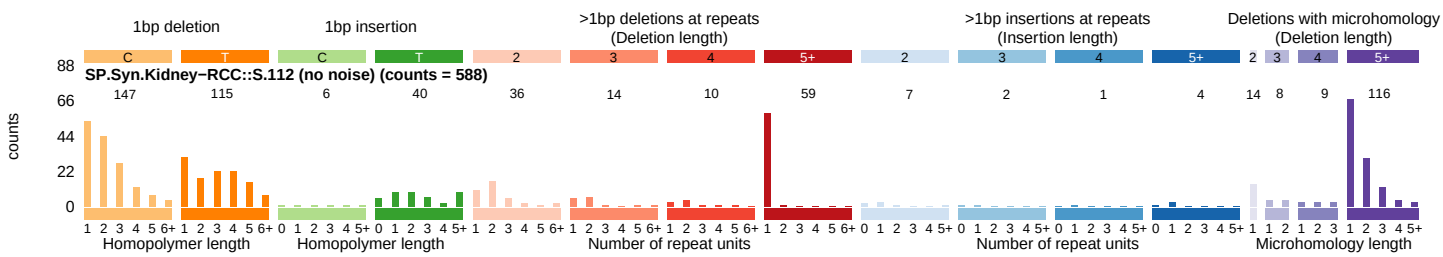
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.109 (no noise) (counts = 999)
105 374 37 142 59 29 17 47 25 8 6 8 21 18 15 88
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.110 (no noise) (counts = 1205)
152 464 9 91 98 45 27 62 32 11 7 11 38 26 22 110
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.111 (no noise) (counts = 552)
39 160 46 141 22 11 6 30 10 3 2 3 8 7 6 58
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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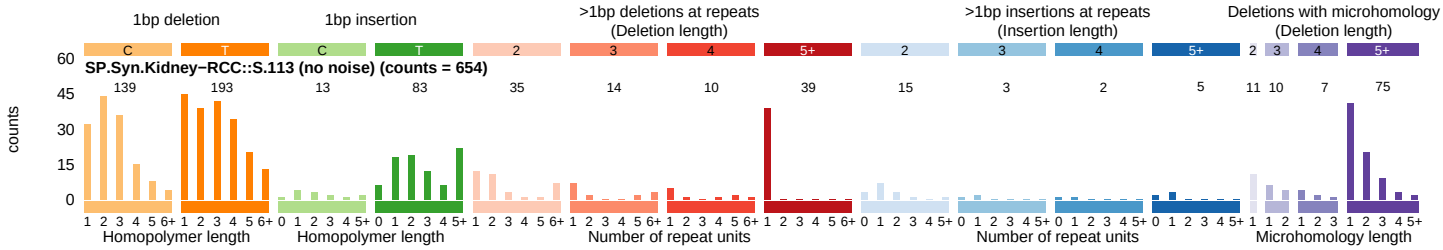
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.112 (no noise) (counts = 588)
147 115 6 40 36 14 10 59 7 2 1 4 14 8 9 116
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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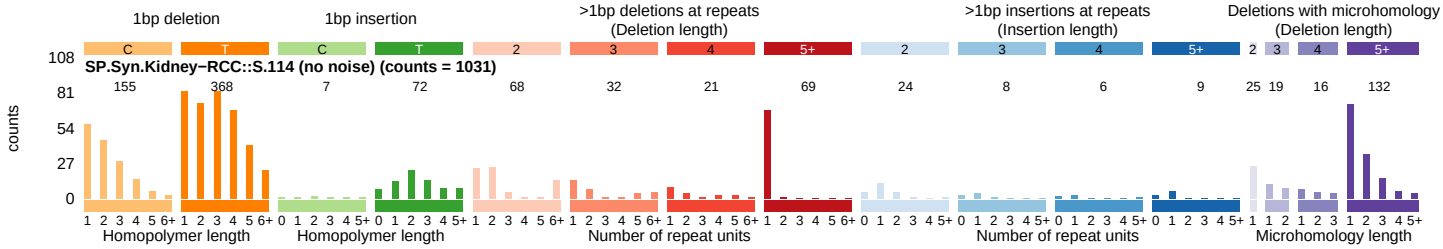
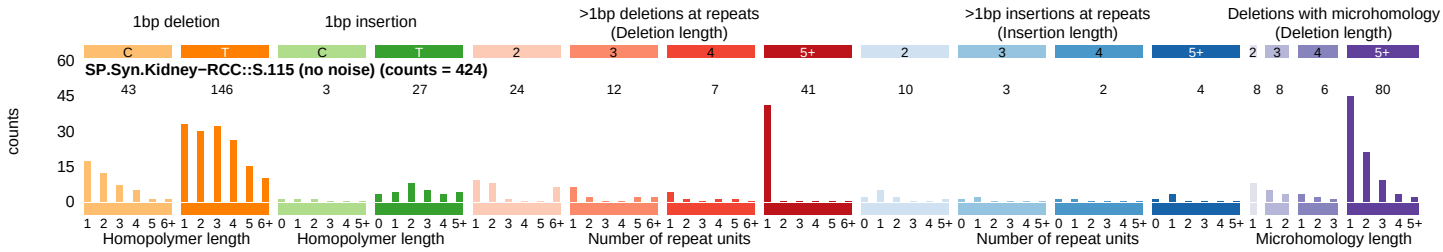
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.113 (no noise) (counts = 654)
139 193 13 83 35 14 10 39 15 3 2 5 11 10 7 75
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.114 (no noise) (counts = 1031)
155 368 7 72 68 32 21 69 24 8 6 9 25 19 16 132
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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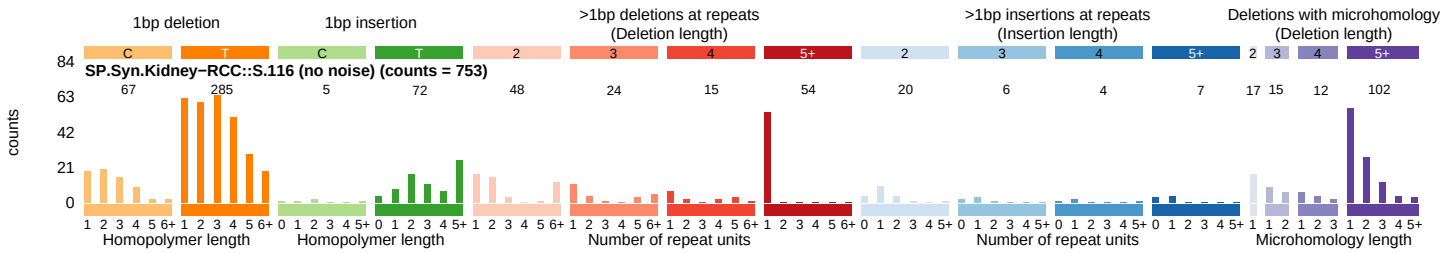
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.115 (no noise) (counts = 424)
43 146 3 27 24 12 7 41 10 3 2 4 8 8 6 80
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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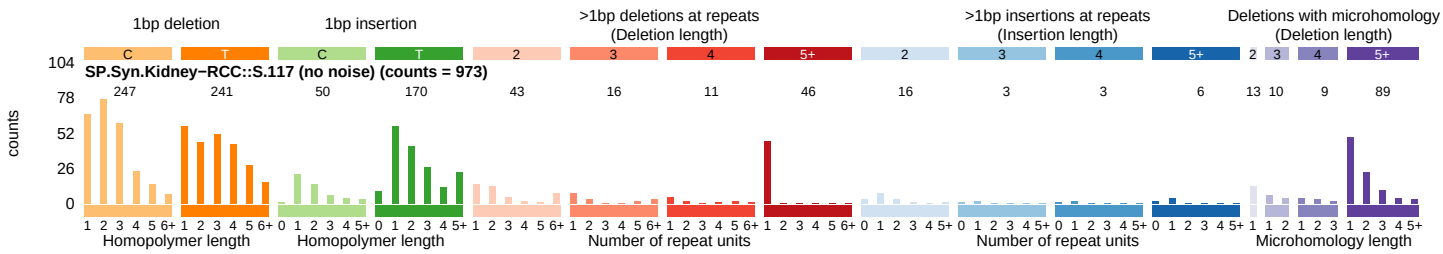
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.116 (no noise) (counts = 753)
67 285 5 72 48 24 15 54 20 6 4 7 17 15 12 102
counts
Homopolymer length
Number of repeat units
Microhomology length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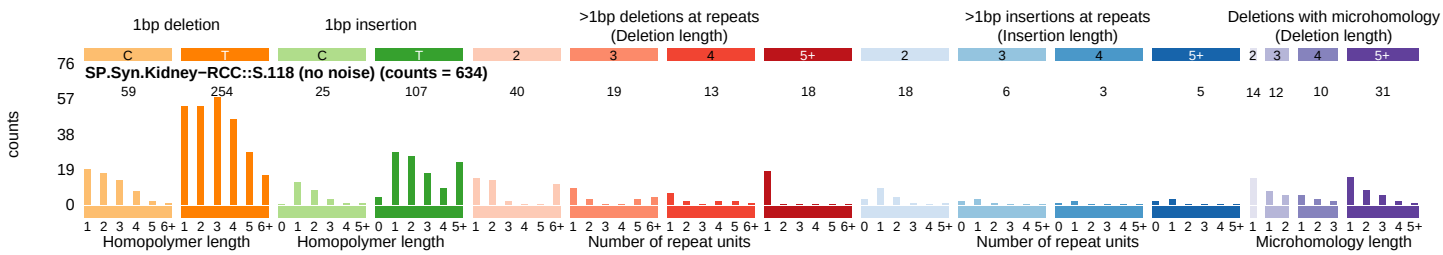
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.117 (no noise) (counts = 973)
247 241 50 170 43 16 11 46 16 3 3 6 13 10 9 89
counts
Homopolymer length
Number of repeat units
Microhomology length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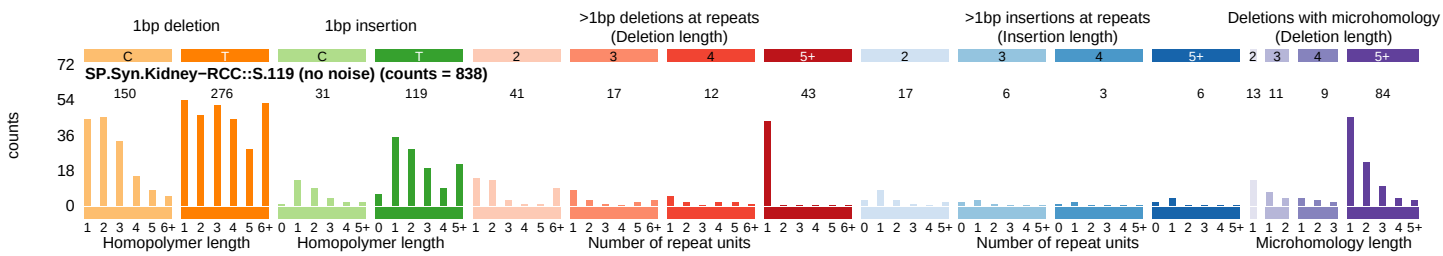
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.118 (no noise) (counts = 634)
59 254 25 107 40 19 13 18 18 6 3 5 14 12 10 31
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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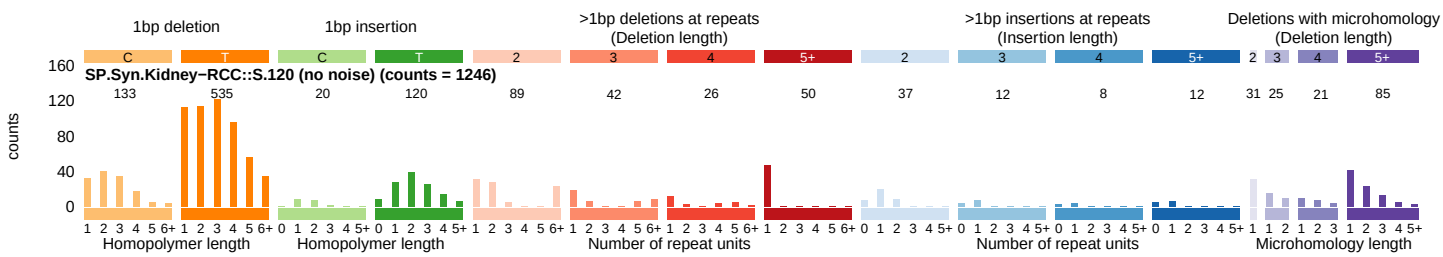
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.119 (no noise) (counts = 838)
150 276 31 119 41 17 12 43 17 6 3 6 13 11 9 84
counts
Homopolymer length
Number of repeat units
Microhomology length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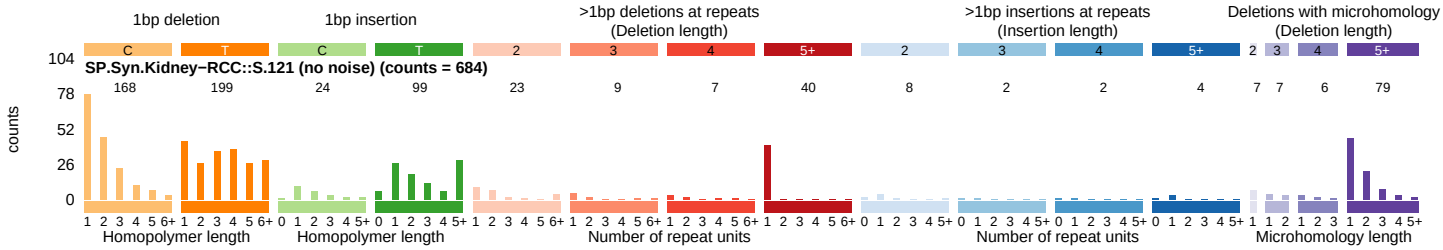
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.120 (no noise) (counts = 1246)
133 535 20 120 89 42 26 50 37 12 8 12 31 25 21 85
counts
Homopolymer length
Number of repeat units
Microhomology length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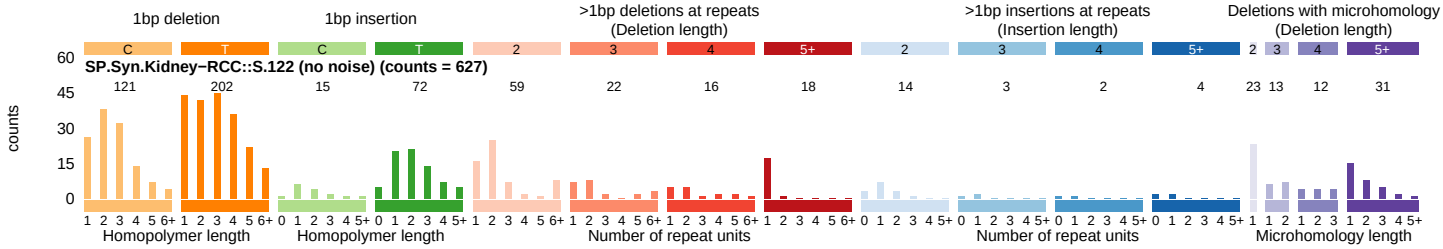
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.121 (no noise) (counts = 684)
168 199 24 99 23 9 7 40 8 2 2 4 7 7 6 79
counts
Homopolymer length
Number of repeat units
Microhomology length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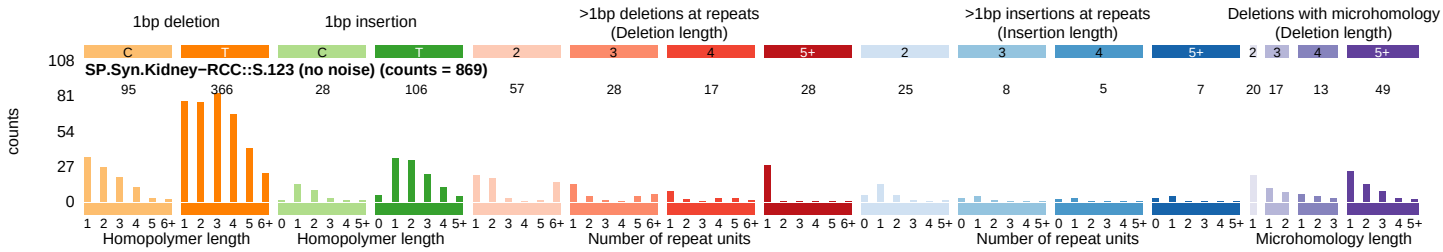
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.122 (no noise) (counts = 627)
121 202 15 72 59 22 16 18 14 3 2 4 23 13 12 31
counts
Homopolymer length
Number of repeat units
Microhomology length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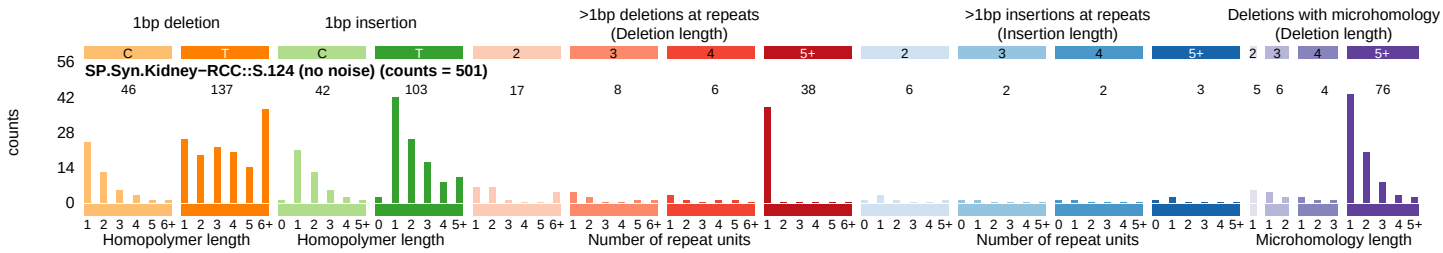
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.123 (no noise) (counts = 869)
95 366 28 106 57 28 17 28 25 8 5 7 20 17 13 49
counts
Homopolymer length
Number of repeat units
Microhomology length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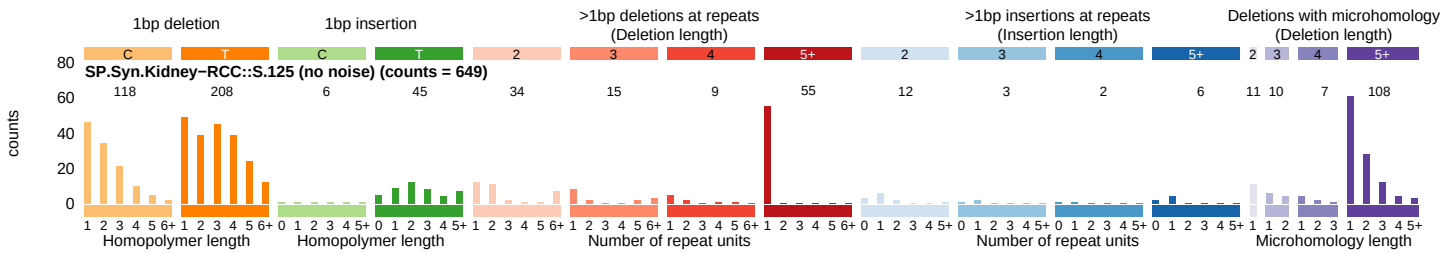
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.124 (no noise) (counts = 501)
46 137 42 103 17 8 6 38 6 2 2 3 5 6 4 76
counts
Homopolymer length
Number of repeat units
Microhomology length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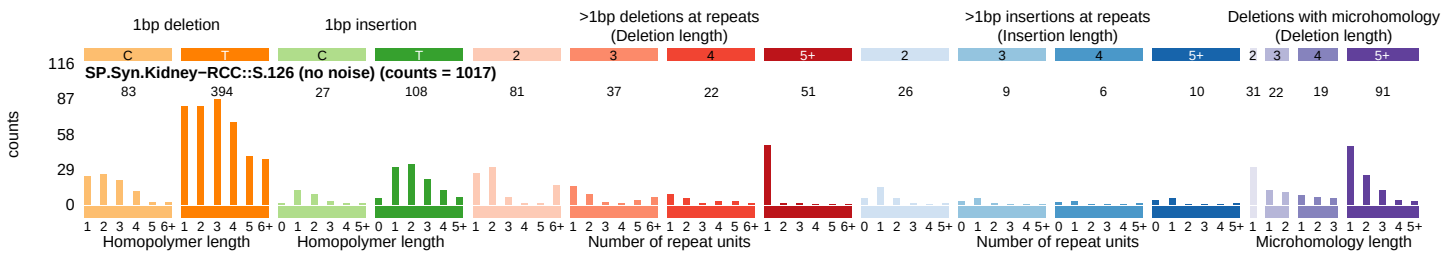
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.125 (no noise) (counts = 649)
118 208 6 45 34 15 9 55 12 3 2 6 11 10 7 108
counts
Homopolymer length
Number of repeat units
Microhomology length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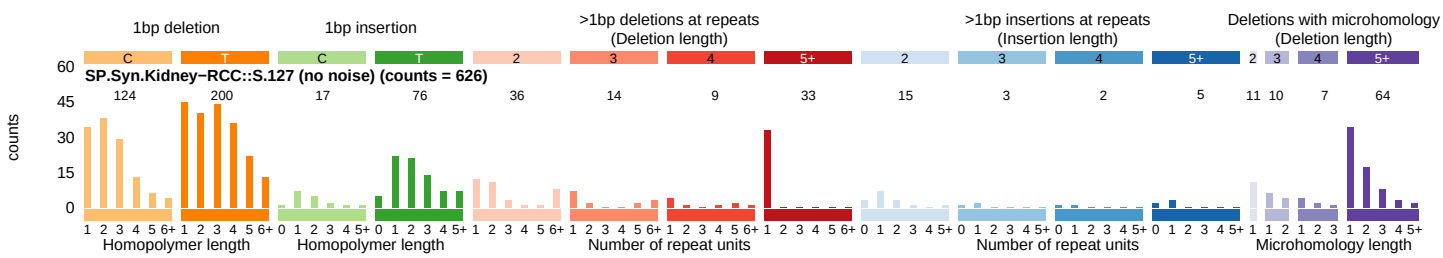
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.126 (no noise) (counts = 1017)
83 394 27 108 81 37 22 51 26 9 6 10 31 22 19 91
counts
Homopolymer length
Number of repeat units
Microhomology length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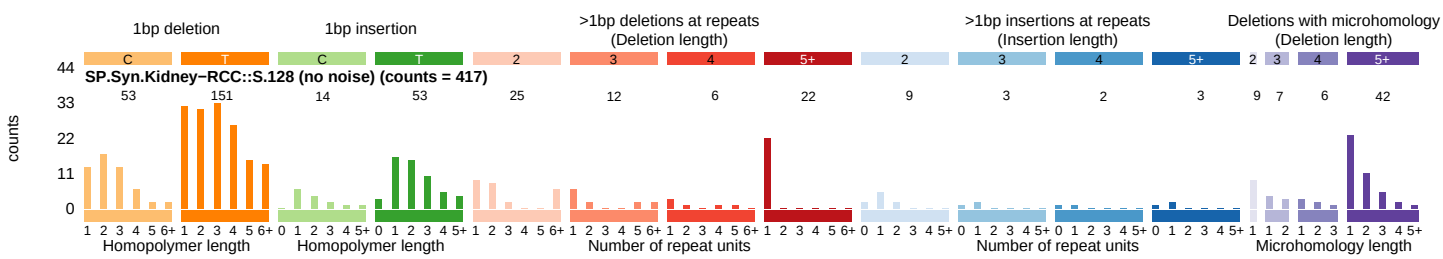
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.127 (no noise) (counts = 626)
124 200 17 76 36 14 9 33 15 3 2 5 11 10 7 64
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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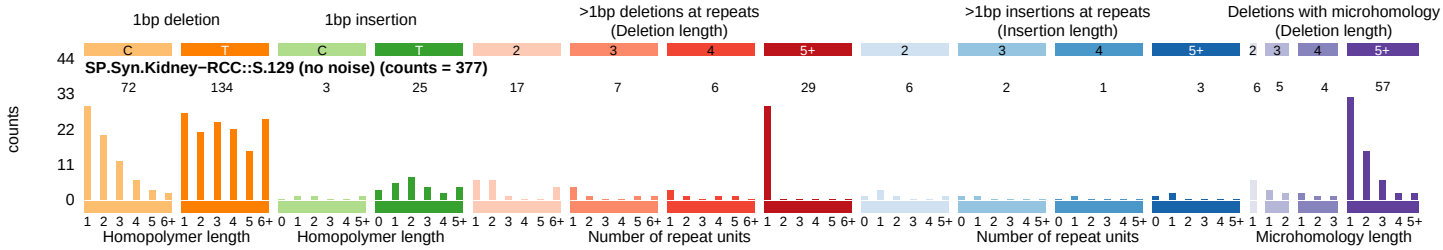
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.128 (no noise) (counts = 417)
53 151 14 53 25 12 6 22 9 3 2 3 9 7 6 42
counts
Homopolymer length
Number of repeat units
Microhomology length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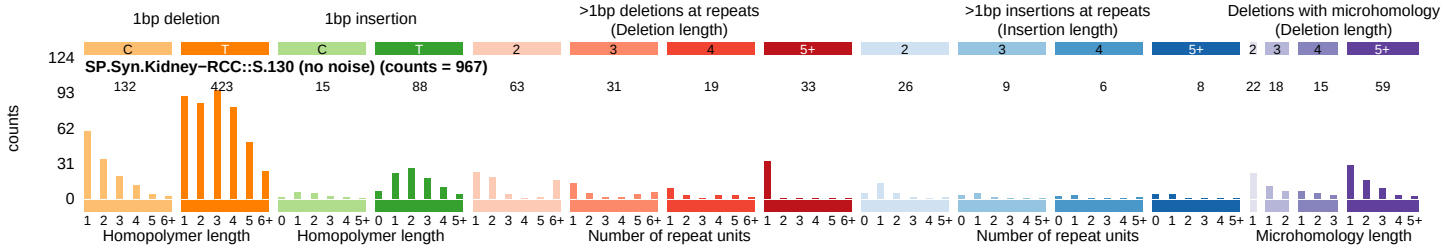
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.129 (no noise) (counts = 377)
72 134 3 25 17 7 6 29 6 2 1 3 6 5 4 57
counts
Homopolymer length
Number of repeat units
Microhomology length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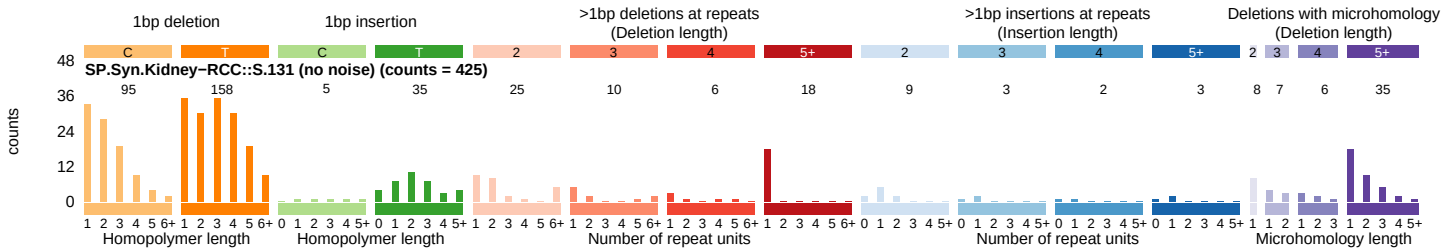
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.130 (no noise) (counts = 967)
132 423 15 88 63 31 19 33 26 9 6 8 22 18 15 59
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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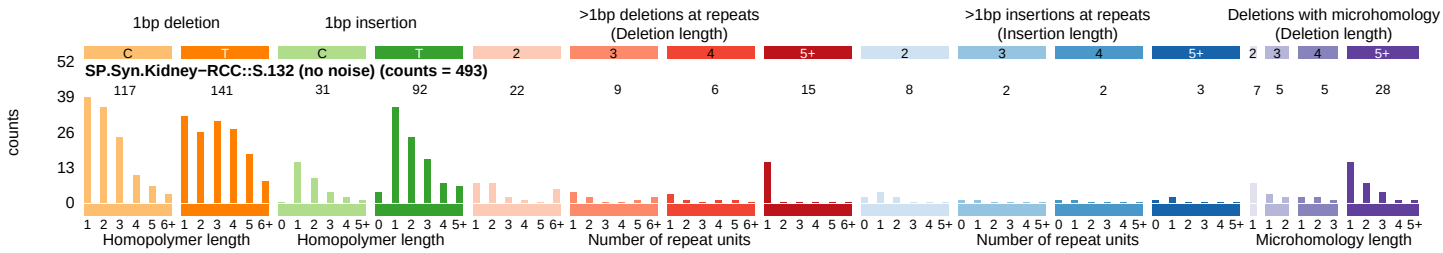
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.131 (no noise) (counts = 425)
95 158 5 35 25 10 6 18 9 3 2 3 8 7 6 35
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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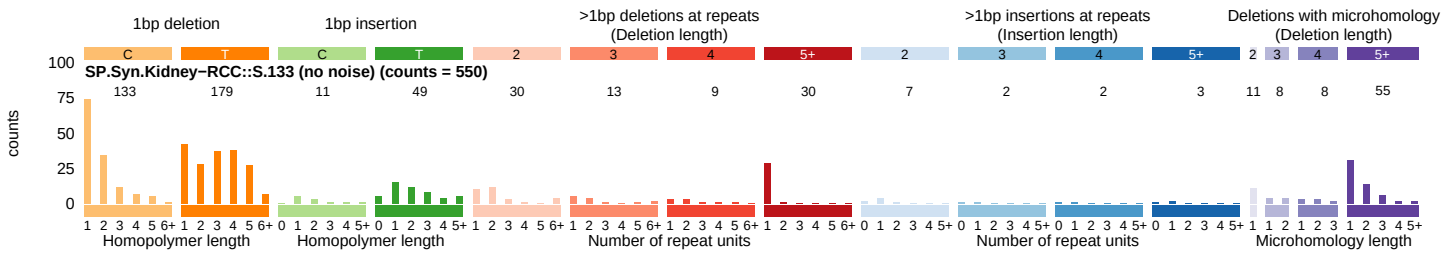
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.132 (no noise) (counts = 493)
117 141 31 92 22 9 6 15 8 2 2 3 7 5 5 28
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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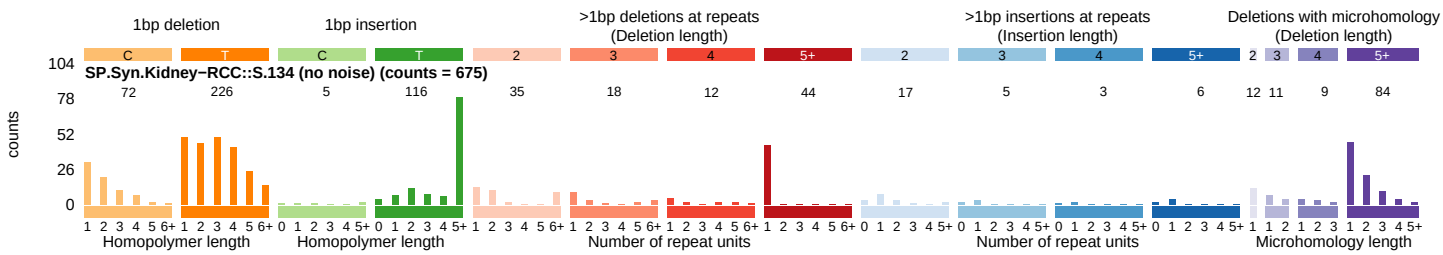
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.133 (no noise) (counts = 550)
133 179 11 49 30 13 9 30 7 2 2 3 11 8 8 55
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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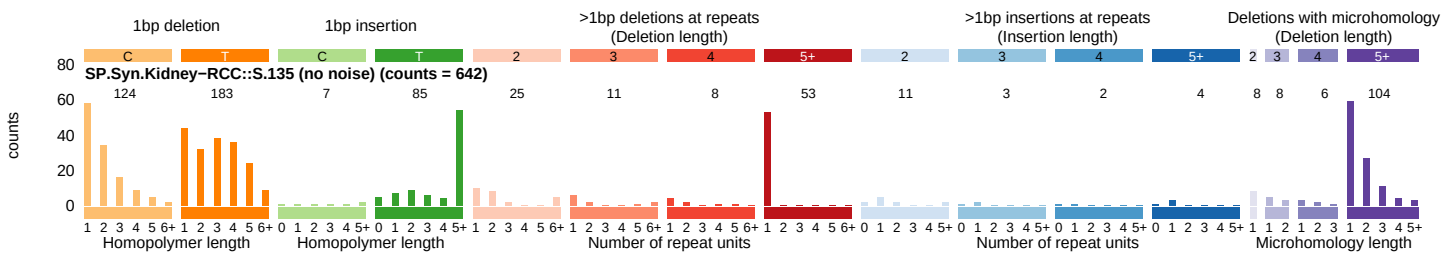
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.134 (no noise) (counts = 675)
72 226 5 116 35 18 12 44 17 5 3 6 12 11 9 84
counts
Homopolymer length
Number of repeat units
Microhomology length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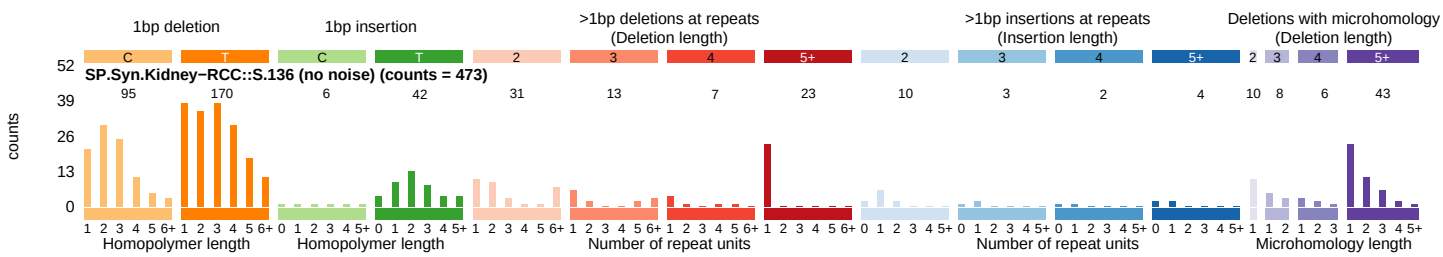
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.135 (no noise) (counts = 642)
124 183 7 85 25 11 8 53 11 3 2 4 8 8 6 104
counts
Homopolymer length
Number of repeat units
Microhomology length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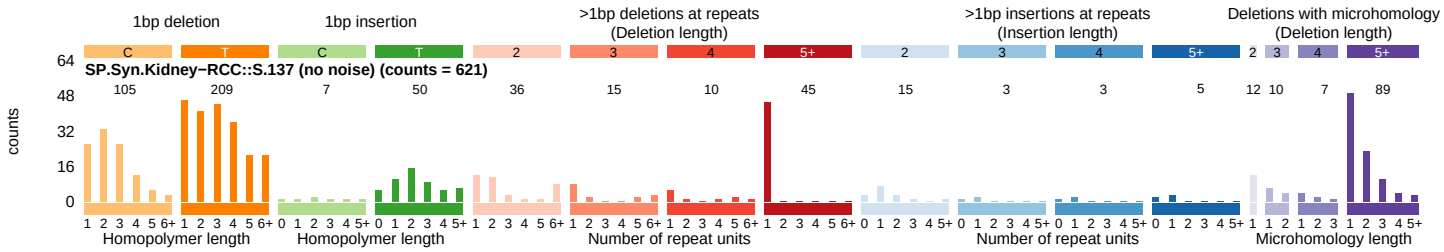
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.136 (no noise) (counts = 473)
95 170 6 42 31 13 7 23 10 3 2 4 10 8 6 43
counts
Homopolymer length
Number of repeat units
Microhomology length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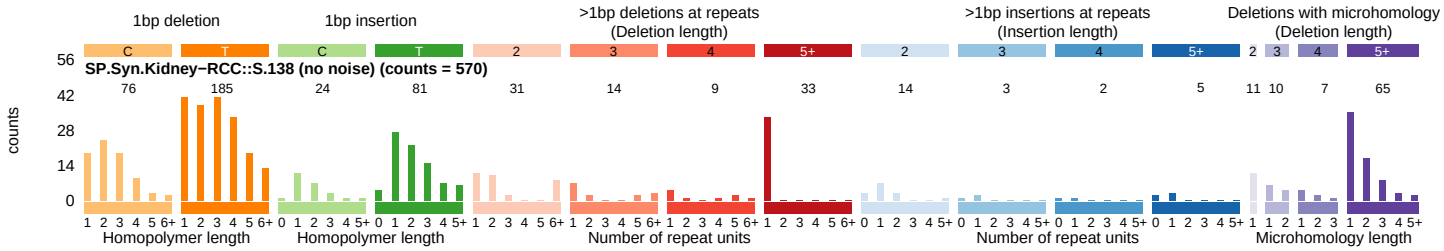
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.137 (no noise) (counts = 621)
105 209 7 50 36 15 10 45 15 3 3 5 12 10 7 89
counts
Homopolymer length
Number of repeat units
Microhomology length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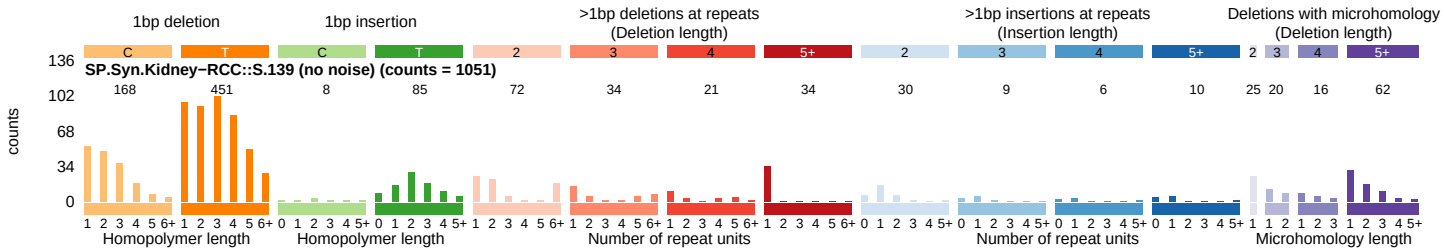
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.138 (no noise) (counts = 570)
76 185 24 81 31 14 9 33 14 3 2 5 11 10 7 65
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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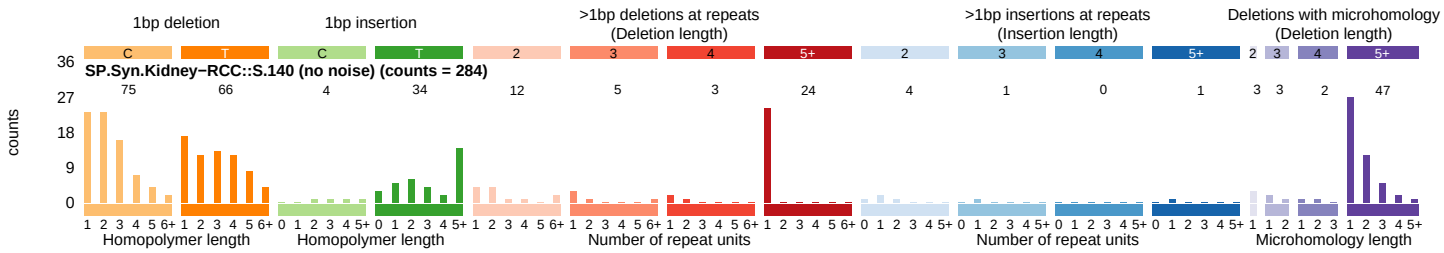
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.139 (no noise) (counts = 1051)
168 451 8 85 72 34 21 34 30 9 6 10 25 20 16 62
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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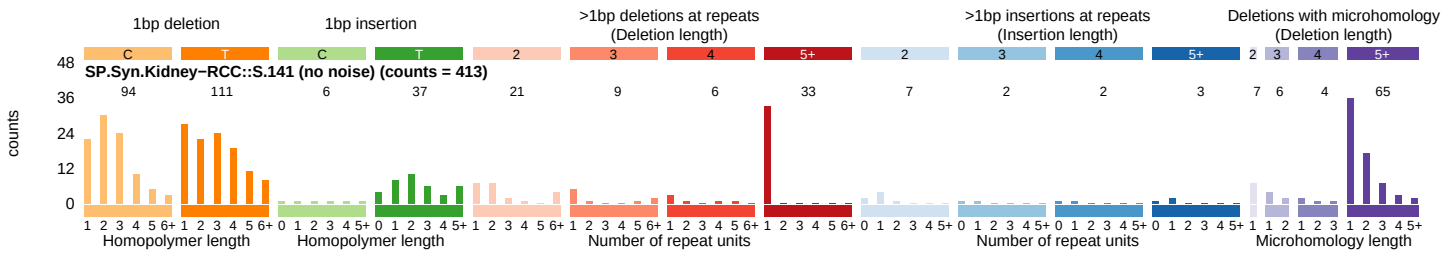
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.140 (no noise) (counts = 284)
75 66 4 34 12 5 3 24 4 1 0 1 3 3 2 47
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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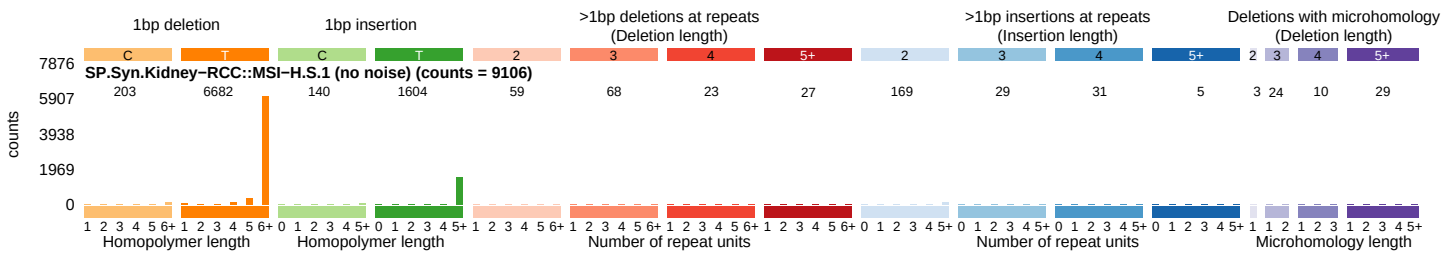
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.141 (no noise) (counts = 413)
94 111 6 37 21 9 6 33 7 2 2 3 7 6 4 65
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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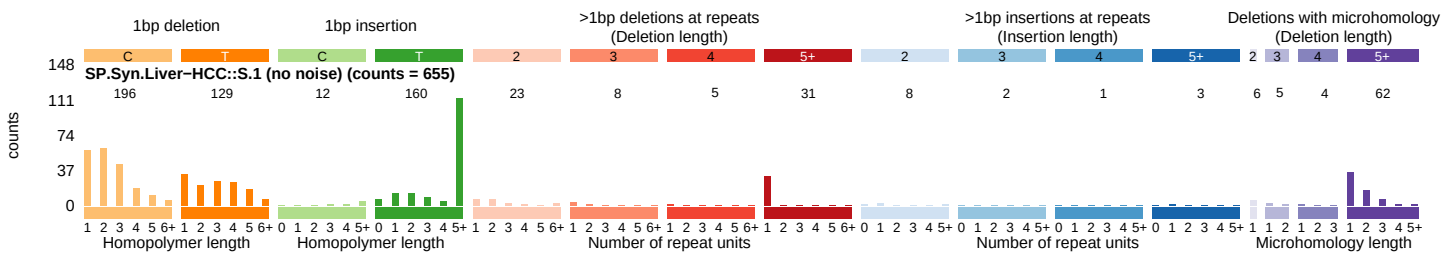
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::MSI−H.S.1 (no noise) (counts = 9106)
203 6682 140 1604 59 68 23 27 169 29 31 5 3 24 10 29
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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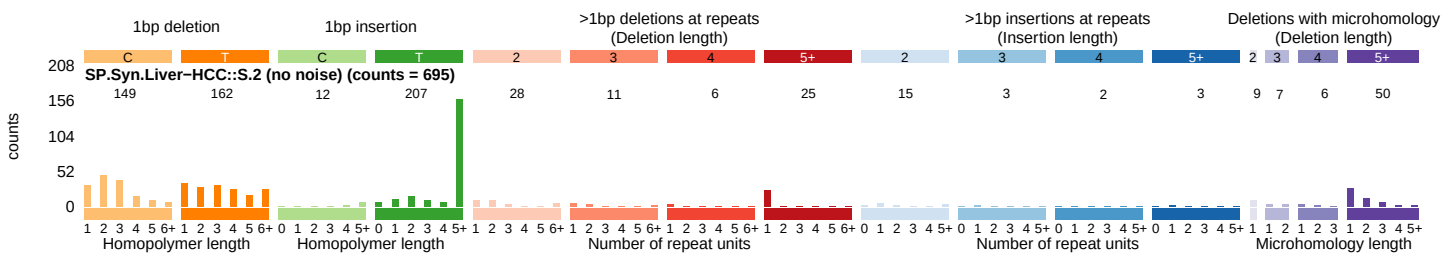
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.1 (no noise) (counts = 655)
196 129 12 160 23 8 5 31 8 2 1 3 6 5 4 62
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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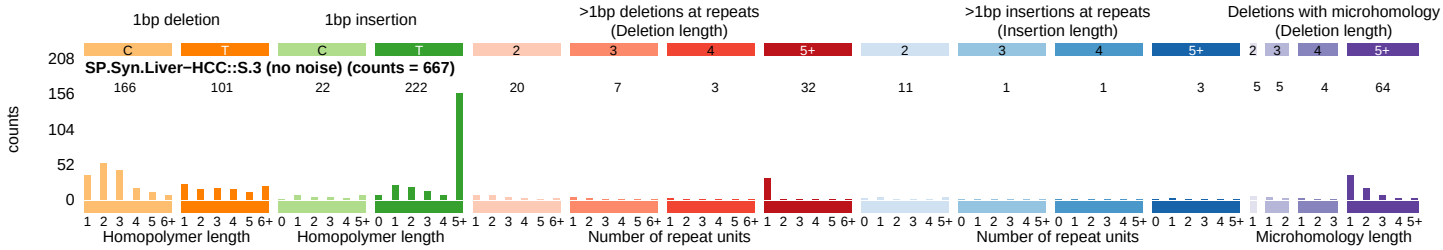
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.2 (no noise) (counts = 695)
149 162 12 207 28 11 6 25 15 3 2 3 9 7 6 50
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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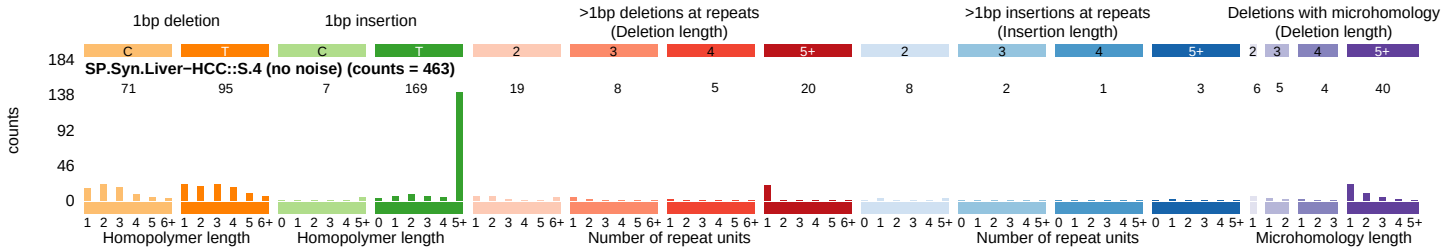
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.3 (no noise) (counts = 667)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
166 101 22 222 20 7 3 32 11 1 1 3 5 5 4 64
counts
208 156 104 52 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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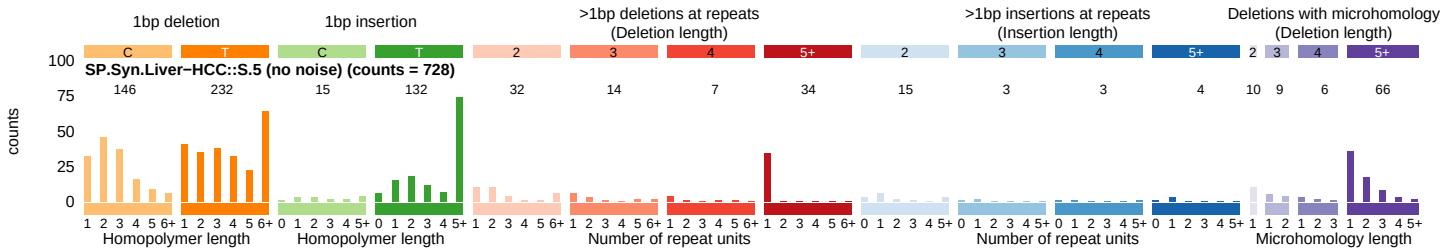
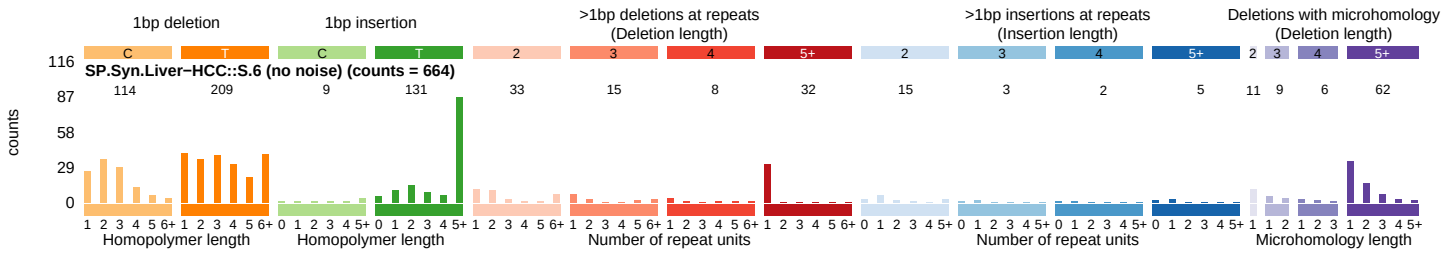
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.4 (no noise) (counts = 463)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
71 95 7 169 19 8 5 20 8 2 1 3 6 5 4 40
counts
184 138 92 46 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.5 (no noise) (counts = 728)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
146 232 15 132 32 14 7 34 15 3 3 4 10 9 6 66
counts
100 75 50 25 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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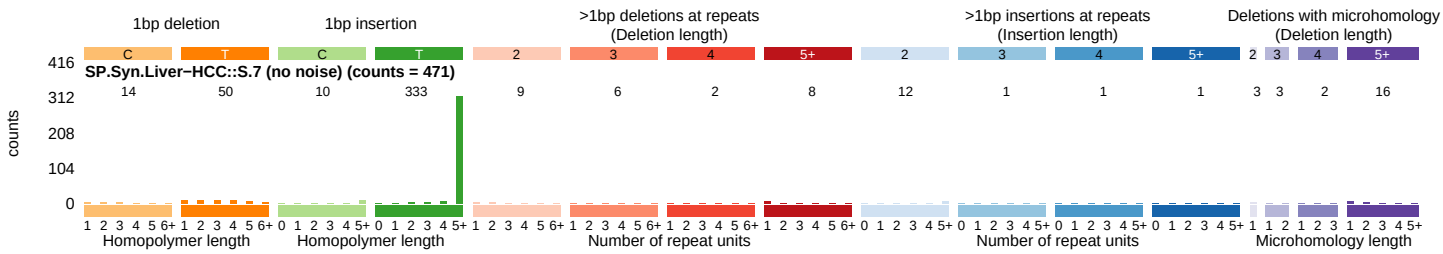
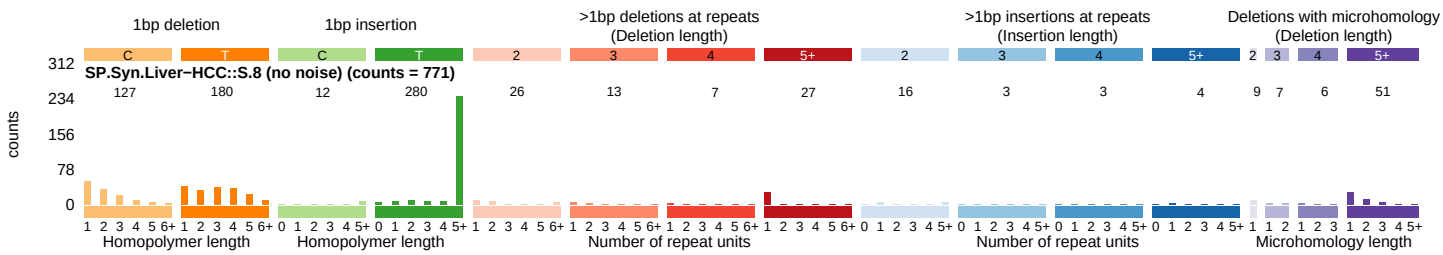
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.6 (no noise) (counts = 664)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
114 209 9 131 33 15 8 32 15 3 2 5 11 9 6 62
counts
116 87 58 29 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.7 (no noise) (counts = 471)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
14 50 10 333 9 6 2 8 12 1 1 1 3 3 2 16
counts
416 312 208 104 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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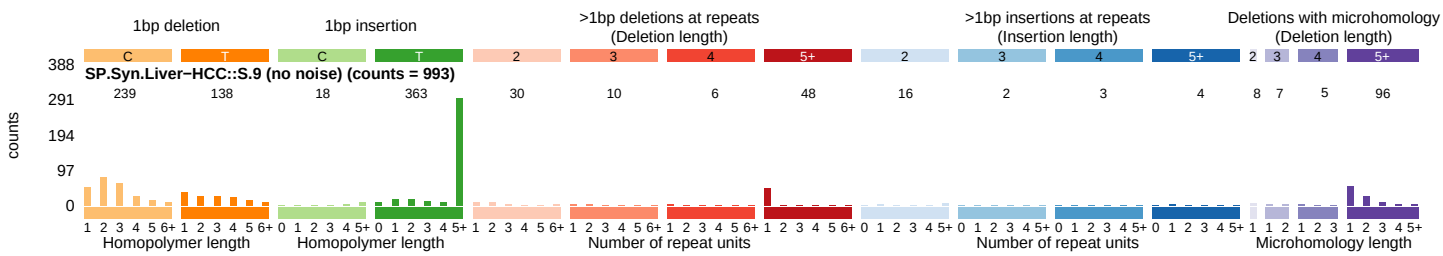
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.8 (no noise) (counts = 771)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
127 180 12 280 26 13 7 27 16 3 3 4 9 7 6 51
counts
312 234 156 78 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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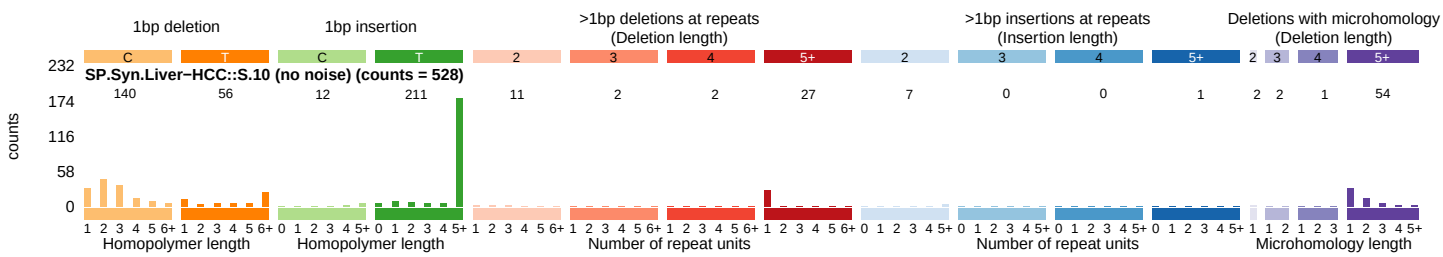
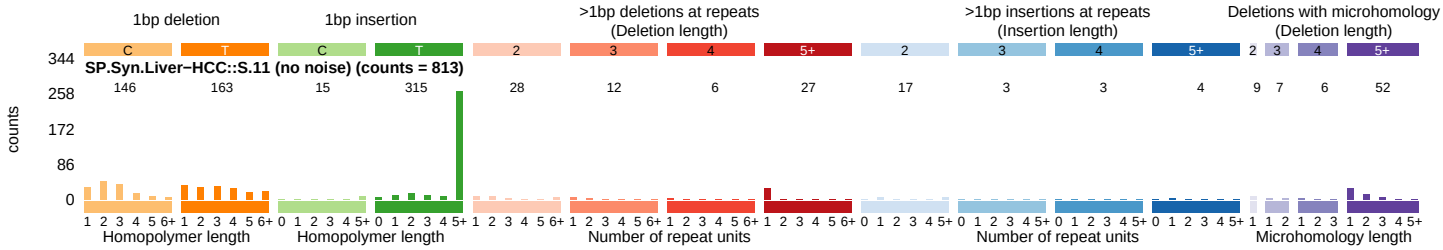
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.9 (no noise) (counts = 993)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
239 138 18 363 30 10 6 48 16 2 3 4 8 7 5 96
counts
388 291 194 97 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.10 (no noise) (counts = 528)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
140 56 12 211 11 2 2 27 7 0 0 1 2 2 1 54
counts
232 174 116 58 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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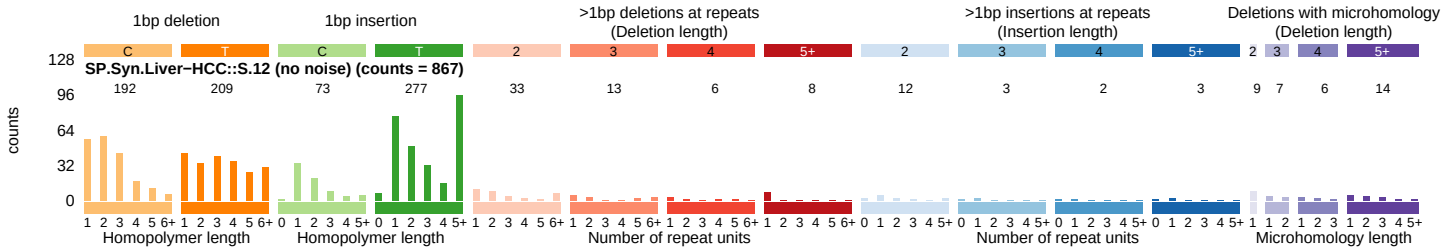
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.11 (no noise) (counts = 813)
146 163 15 315 28 12 6 27 17 3 3 4 9 7 6 52
counts
Homopolymer length
Number of repeat units
Microhomology length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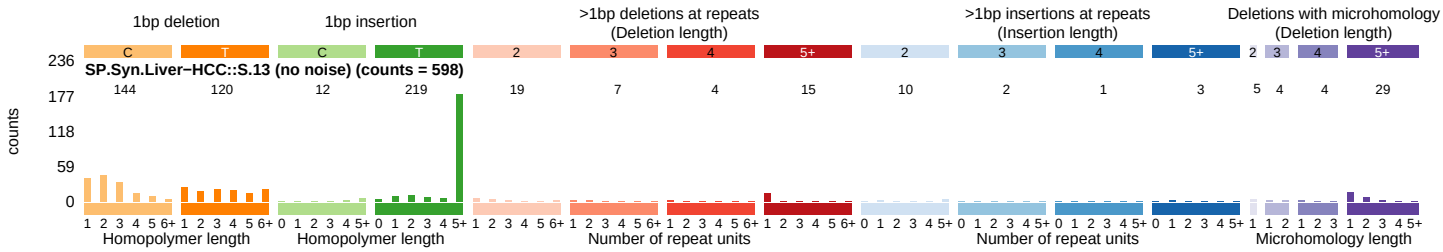
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.12 (no noise) (counts = 867)
192 209 73 277 33 13 6 8 12 3 2 3 9 7 6 14
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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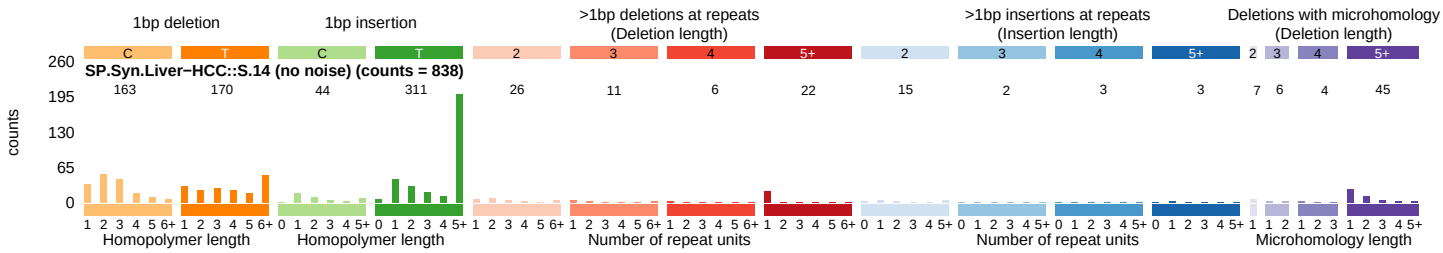
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.13 (no noise) (counts = 598)
144 120 12 219 19 7 4 15 10 2 1 3 5 4 4 29
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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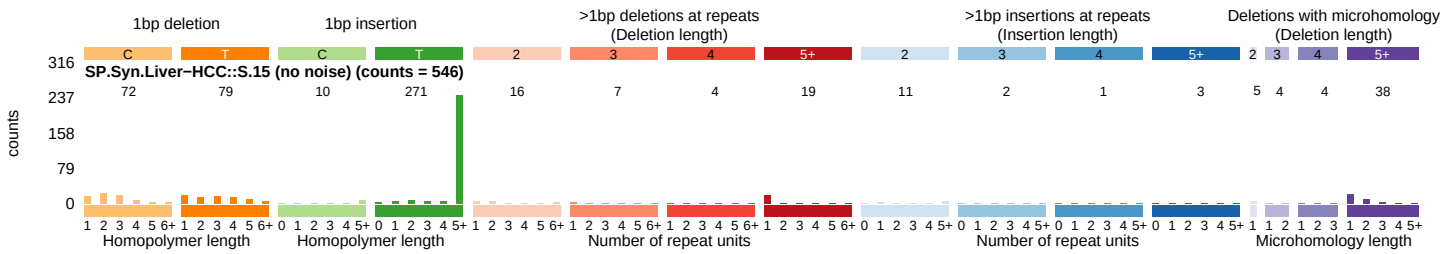
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.14 (no noise) (counts = 838)
163 170 44 311 26 11 6 22 15 2 3 3 7 6 4 45
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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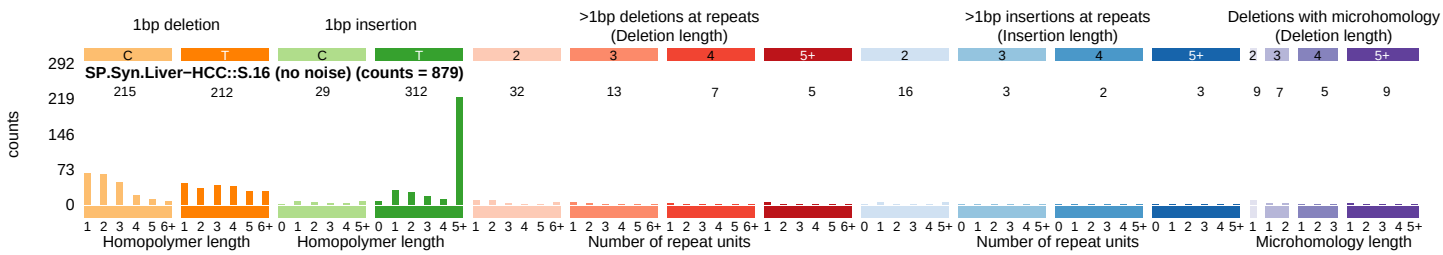
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.15 (no noise) (counts = 546)
72 79 10 271 16 7 4 19 11 2 1 3 5 4 4 38
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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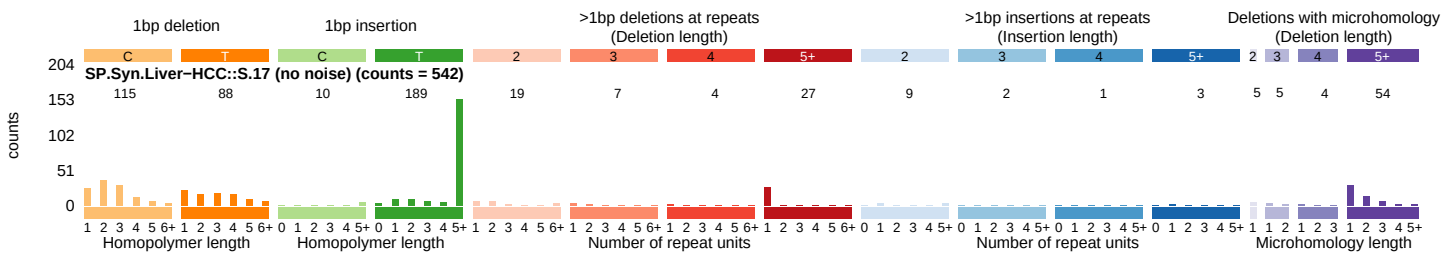
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.16 (no noise) (counts = 879)
215 212 29 312 32 13 7 5 16 3 2 3 9 7 5 9
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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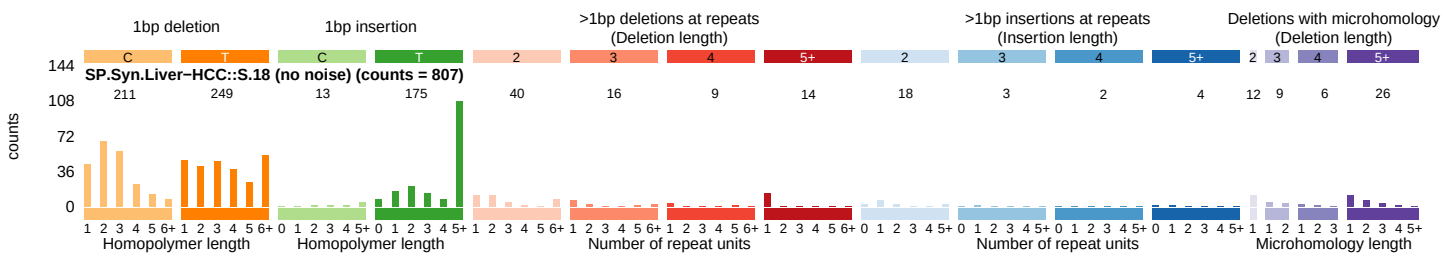
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.17 (no noise) (counts = 542)
115 88 10 189 19 7 4 27 9 2 1 3 5 5 4 54
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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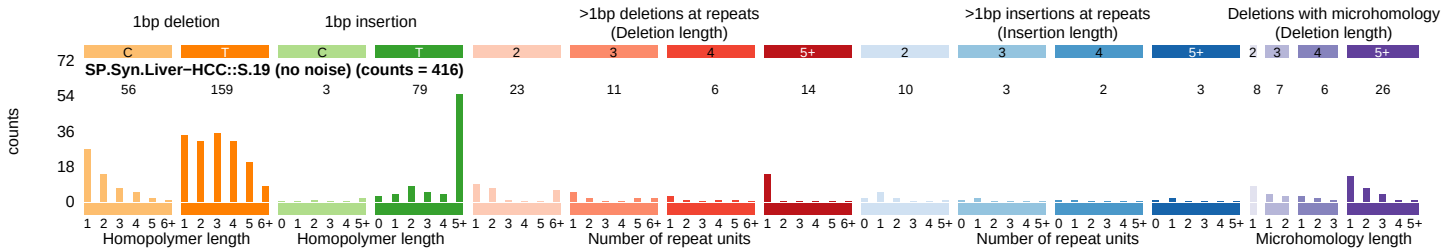
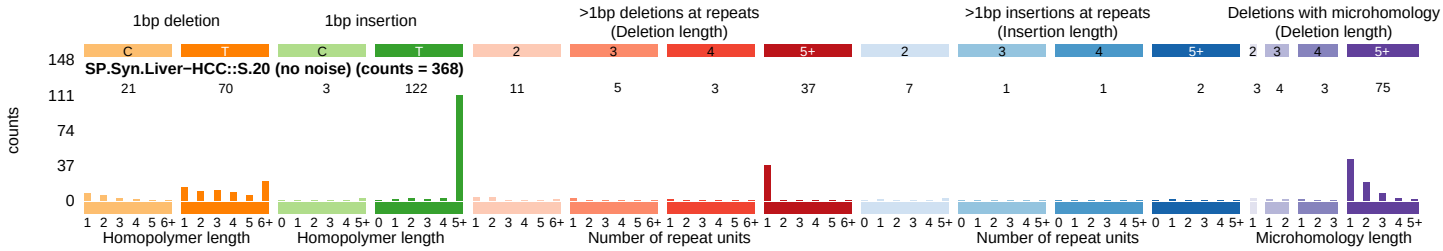
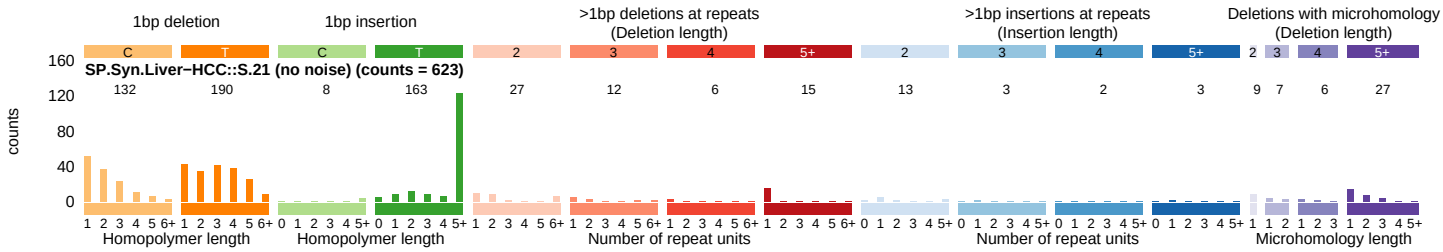
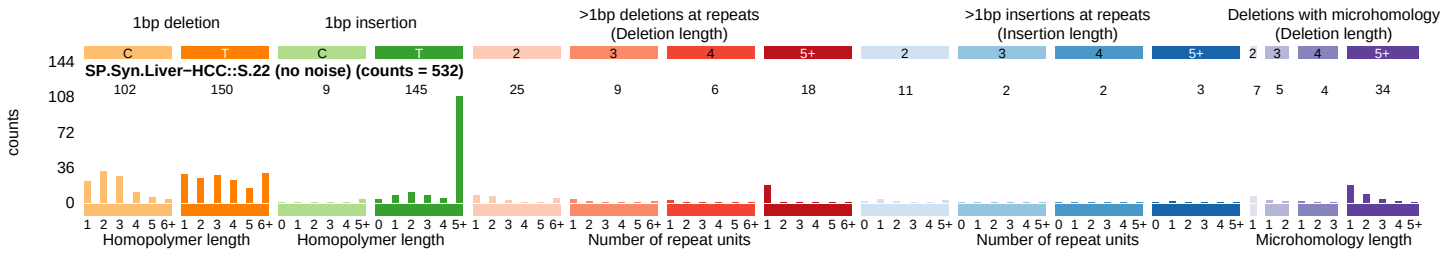
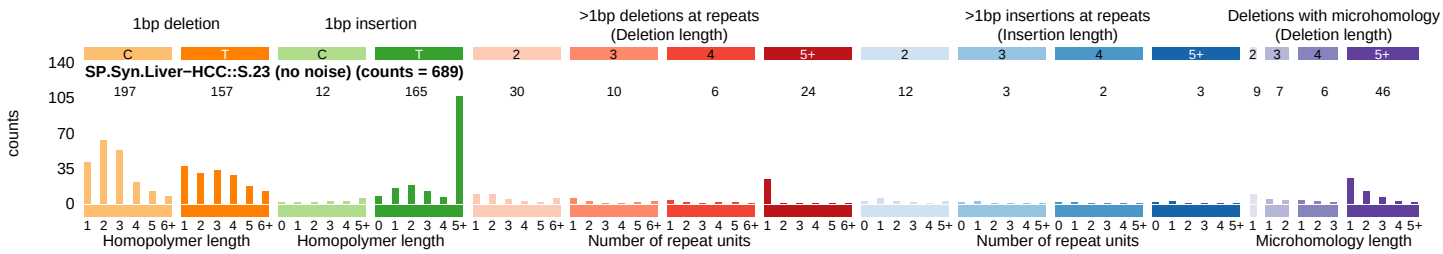
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.18 (no noise) (counts = 807)
211 249 13 175 40 16 9 14 18 3 2 4 12 9 6 26
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.19 (no noise) (counts = 416)
56 159 3 79 23 11 6 14 10 3 2 3 8 7 6 26
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.20 (no noise) (counts = 368)
21 70 3 122 11 5 3 37 7 1 1 2 3 4 3 75
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.21 (no noise) (counts = 623)
132 190 8 163 27 12 6 15 13 3 2 3 9 7 6 27
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.22 (no noise) (counts = 532)
102 150 9 145 25 9 6 18 11 2 2 3 7 5 4 34
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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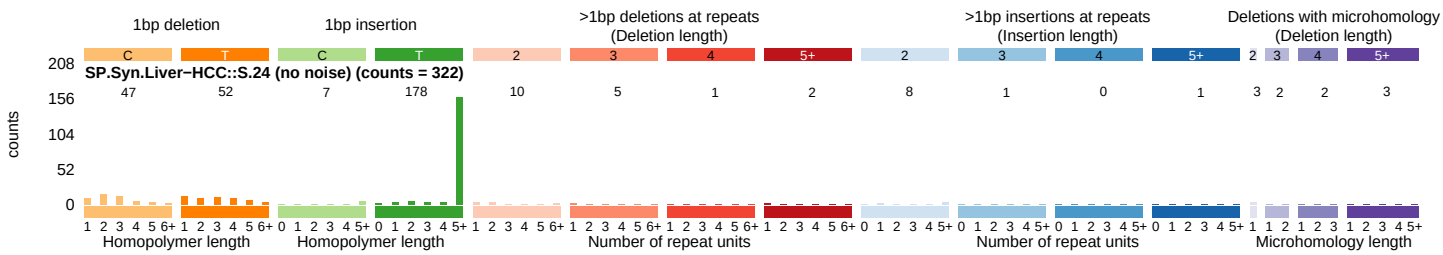
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.23 (no noise) (counts = 689)
197 157 12 165 30 10 6 24 12 3 2 3 9 7 6 46
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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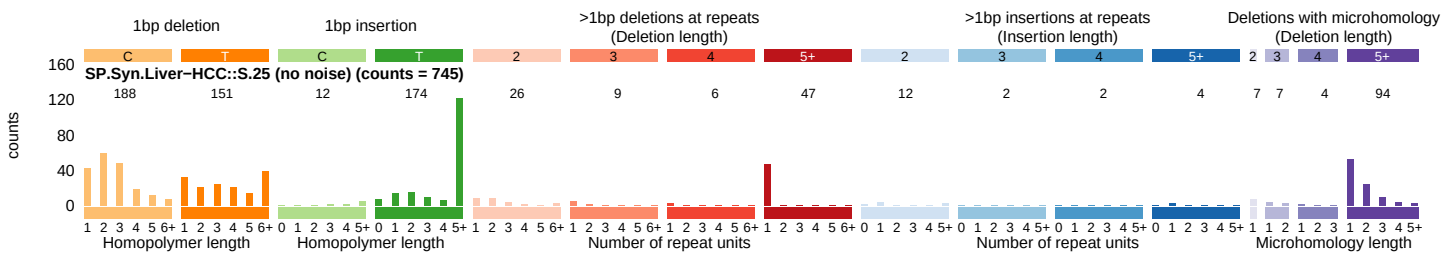
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.24 (no noise) (counts = 322)
47 52 7 178 10 5 1 2 8 1 0 1 3 2 2 3
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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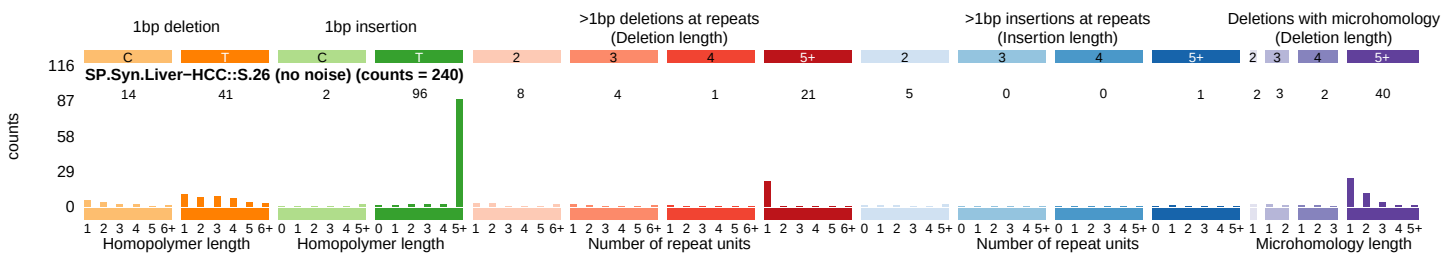
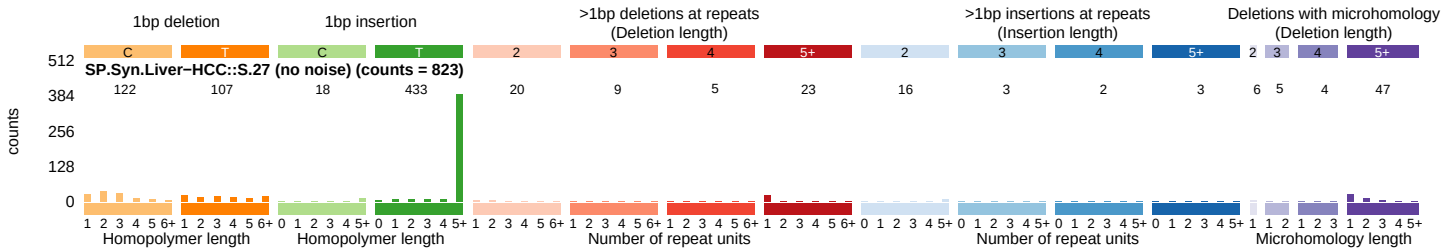
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.25 (no noise) (counts = 745)
188 151 12 174 26 9 6 47 12 2 2 4 7 7 4 94
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.26 (no noise) (counts = 240)
14 41 2 96 8 4 1 21 5 0 0 1 2 3 2 40
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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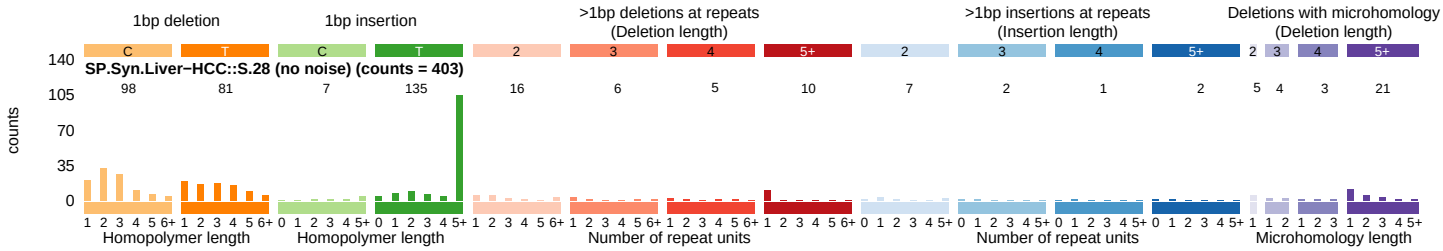
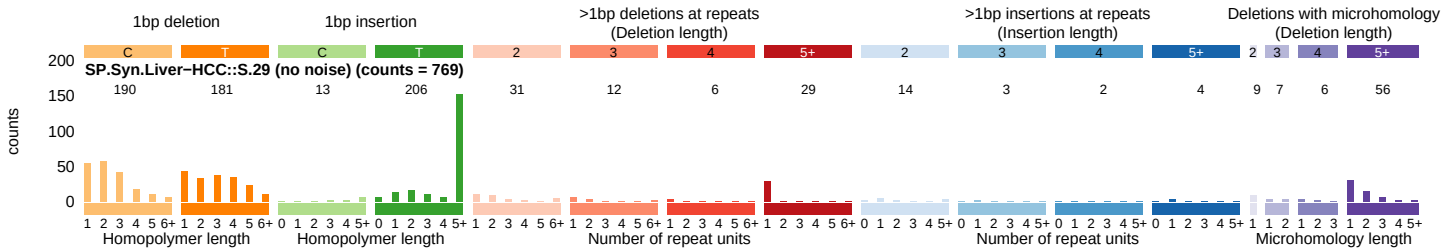
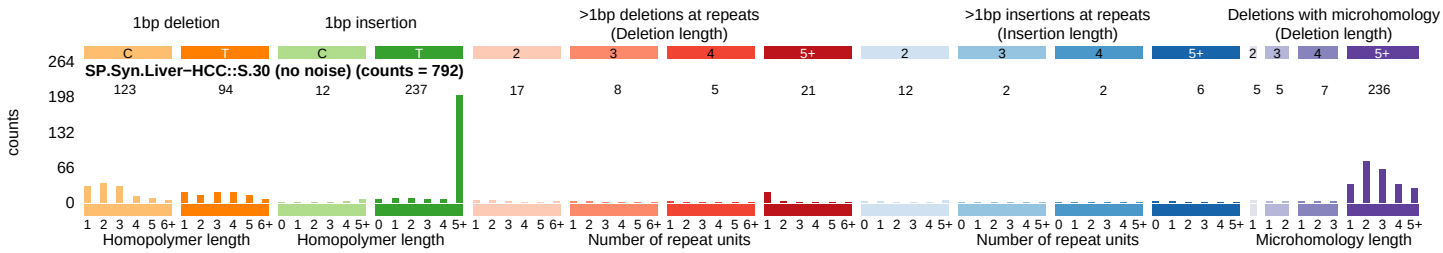
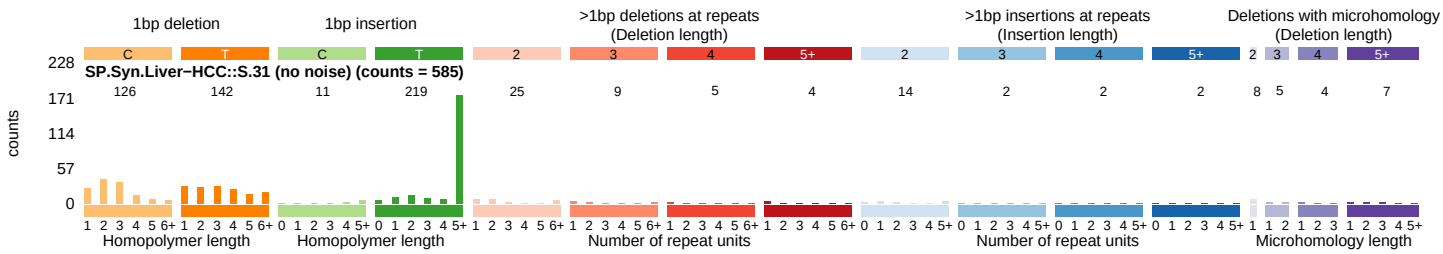
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.27 (no noise) (counts = 823)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
122 107 18 433 20 9 5 23 16 3 2 3 6 5 4 47
counts
512 384 256 128 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.28 (no noise) (counts = 403)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
98 81 7 135 16 6 5 10 7 2 1 2 5 4 3 21
counts
140 105 70 35 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.29 (no noise) (counts = 769)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
190 181 13 206 31 12 6 29 14 3 2 4 9 7 6 56
counts
200 150 100 50 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.30 (no noise) (counts = 792)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
123 94 12 237 17 8 5 21 12 2 2 6 5 5 7 236
counts
264 198 132 66 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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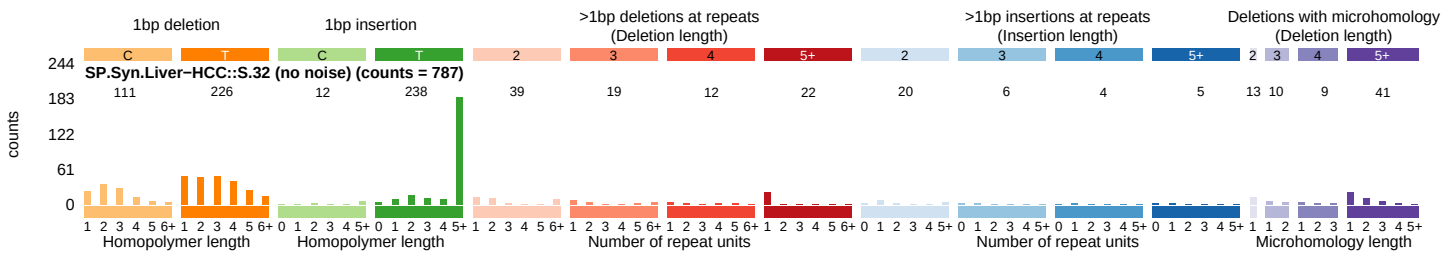
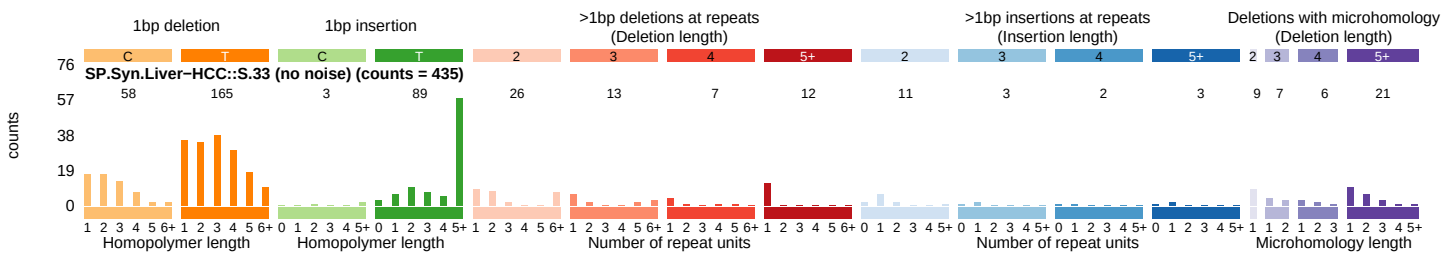
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.31 (no noise) (counts = 585)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
126 142 11 219 25 9 5 4 14 2 2 2 8 5 4 7
counts
228 171 114 57 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.32 (no noise) (counts = 787)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
111 226 12 238 39 19 12 22 20 6 4 5 13 10 9 41
counts
244 183 122 61 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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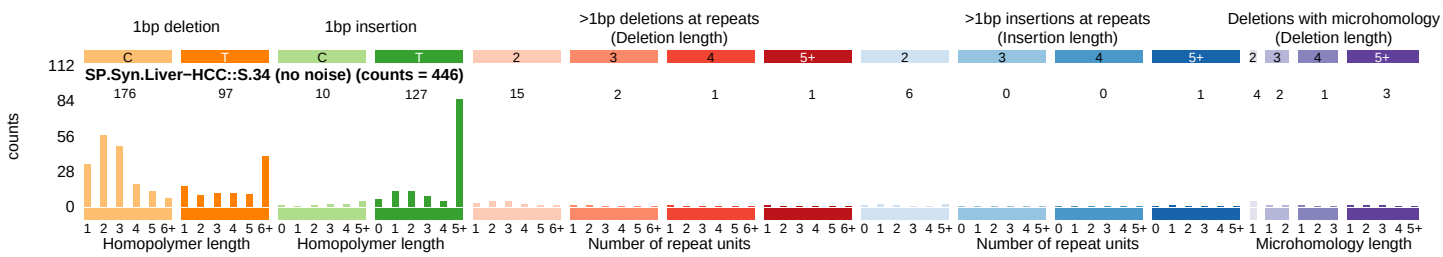
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.33 (no noise) (counts = 435)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
58 165 3 89 26 13 7 12 11 3 2 3 9 7 6 21
counts
76 57 38 19 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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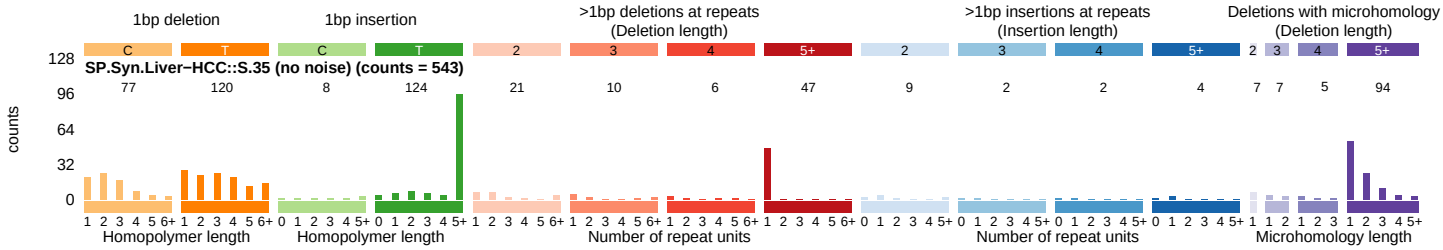
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.34 (no noise) (counts = 446)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
176 97 10 127 15 2 1 1 6 0 0 1 4 2 1 3
counts
112 84 56 28 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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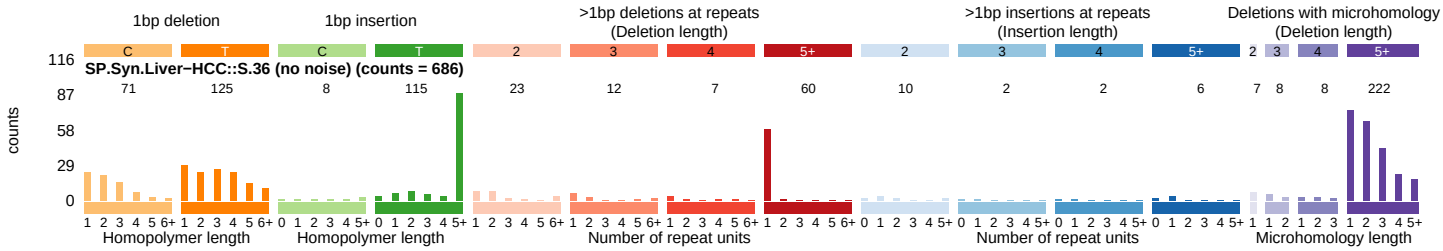
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.35 (no noise) (counts = 543)
77 120 8 124 21 10 6 47 9 2 2 4 7 7 5 94
counts
Homopolymer length
Number of repeat units
Microhomology length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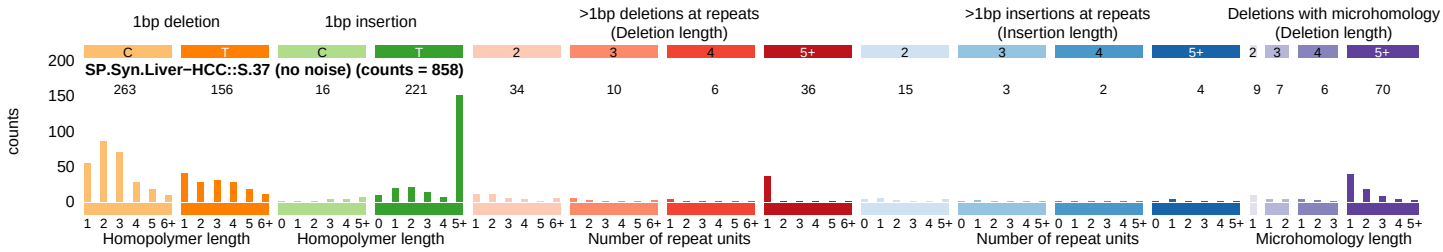
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.36 (no noise) (counts = 686)
71 125 8 115 23 12 7 60 10 2 2 6 7 8 8 222
counts
Homopolymer length
Number of repeat units
Microhomology length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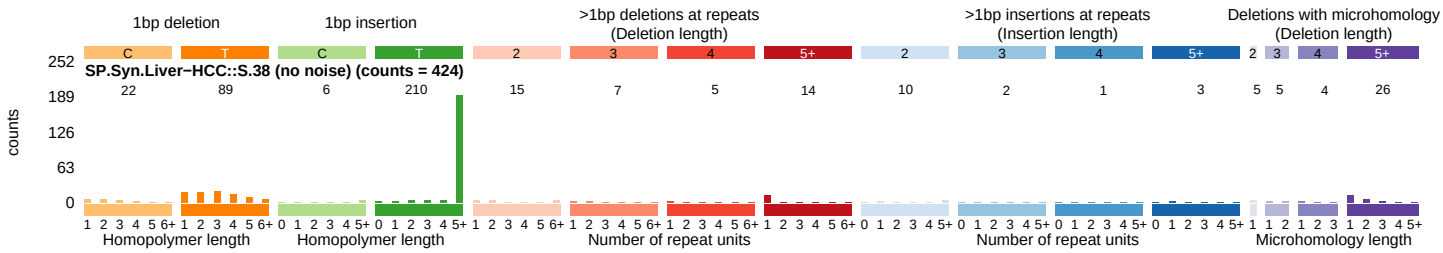
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.37 (no noise) (counts = 858)
263 156 16 221 34 10 6 36 15 3 2 4 9 7 6 70
counts
Homopolymer length
Number of repeat units
Microhomology length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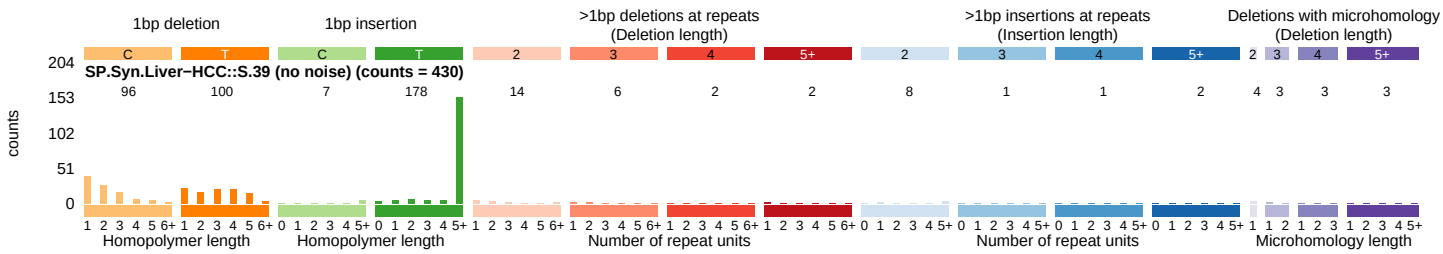
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.38 (no noise) (counts = 424)
22 89 6 210 15 7 5 14 10 2 1 3 5 5 4 26
counts
Homopolymer length
Number of repeat units
Microhomology length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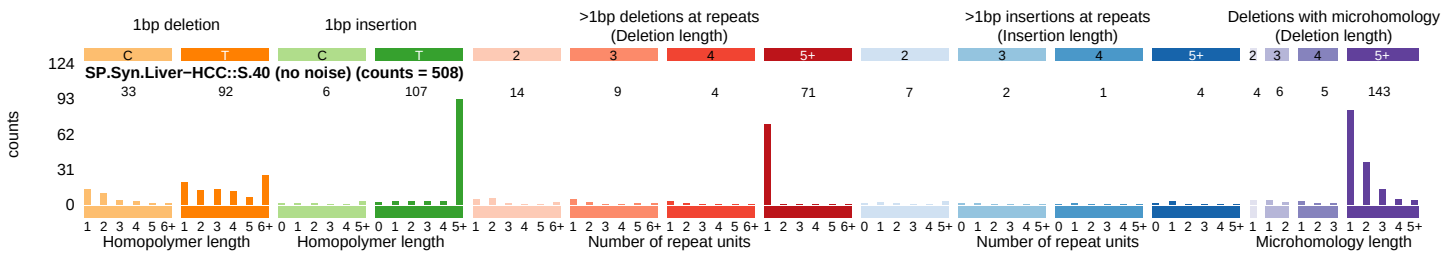
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.39 (no noise) (counts = 430)
96 100 7 178 14 6 2 2 8 1 1 2 4 3 3 3
counts
Homopolymer length
Number of repeat units
Microhomology length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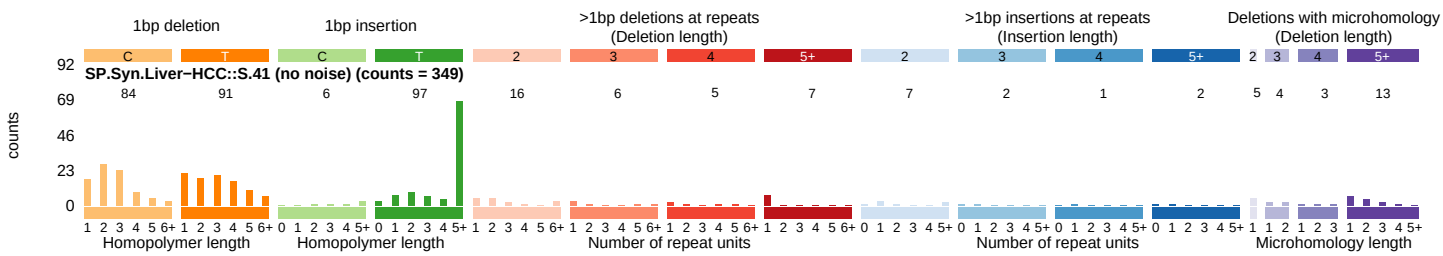
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.40 (no noise) (counts = 508)
33 92 6 107 14 9 4 71 7 2 1 4 4 6 5 143
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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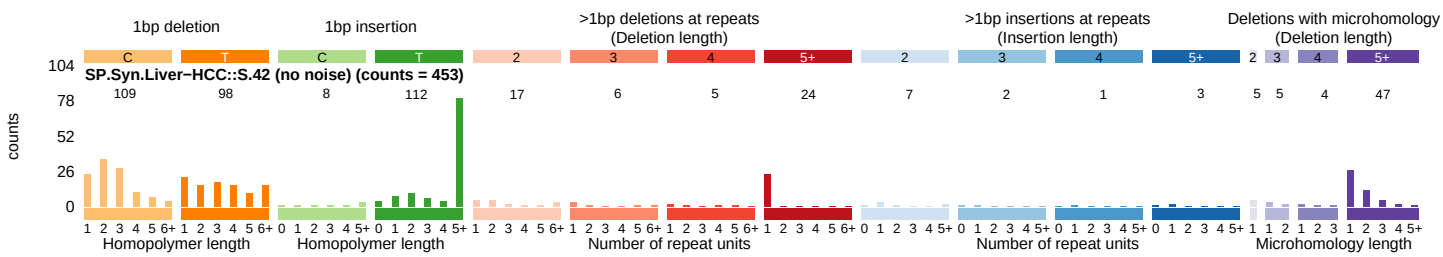
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.41 (no noise) (counts = 349)
84 91 6 97 16 6 5 7 7 2 1 2 5 4 3 13
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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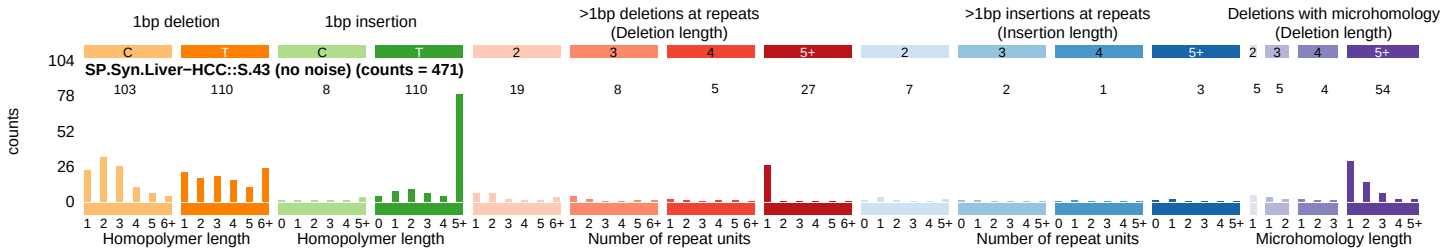
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.42 (no noise) (counts = 453)
109 98 8 112 17 6 5 24 7 2 1 3 5 5 4 47
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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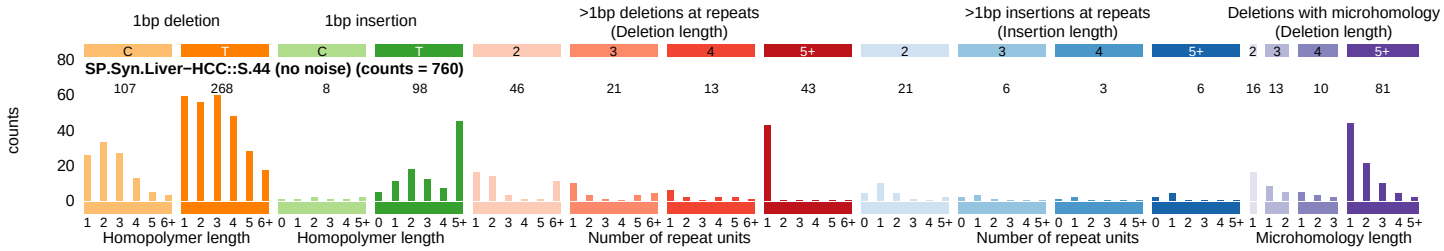
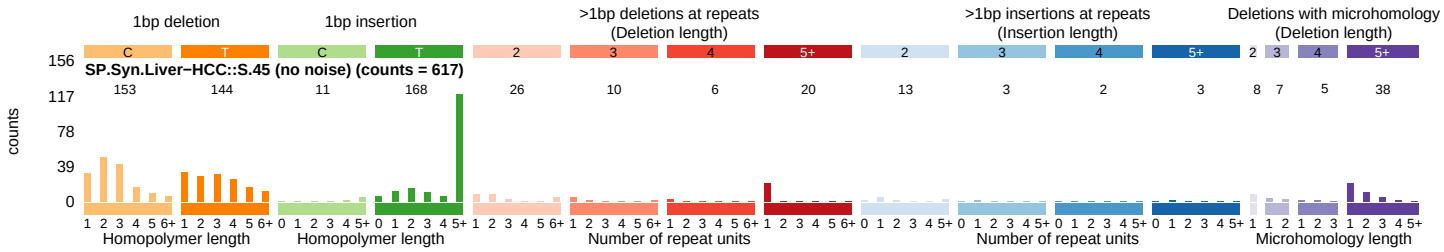
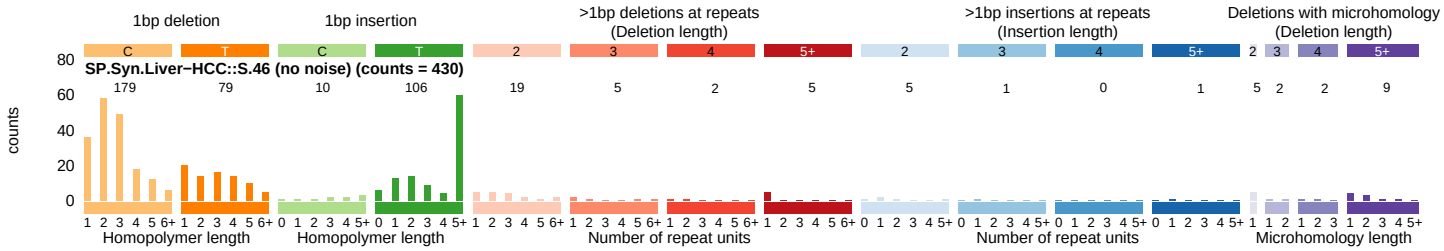
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.43 (no noise) (counts = 471)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.44 (no noise) (counts = 760)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.45 (no noise) (counts = 617)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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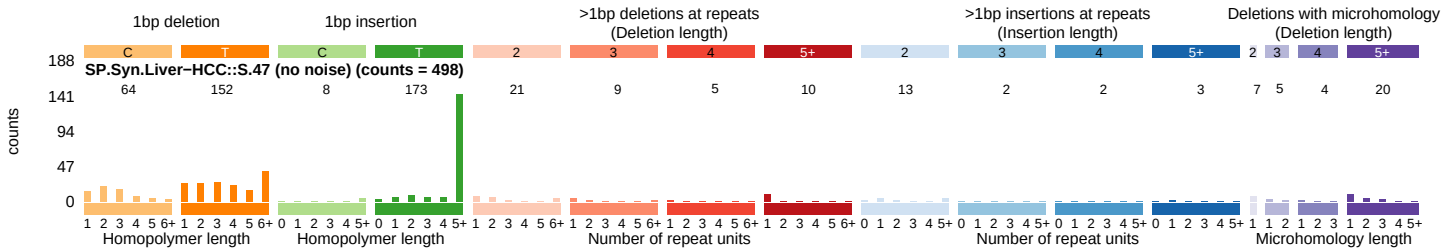
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.46 (no noise) (counts = 430)
counts
Homopolymer length
Number of repeat units
Microhomology length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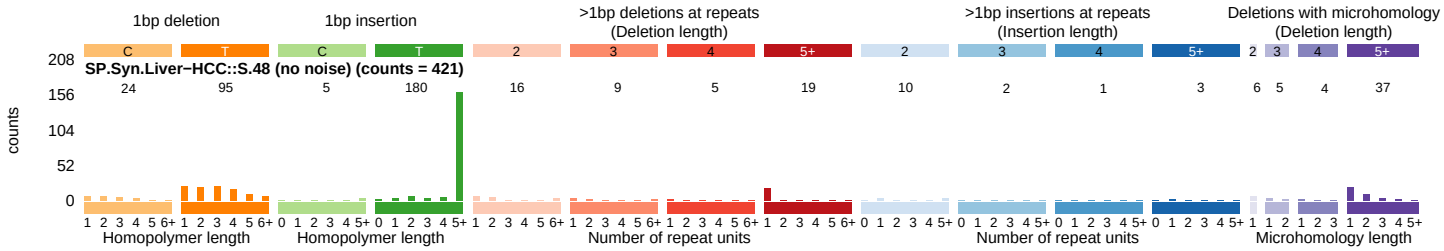
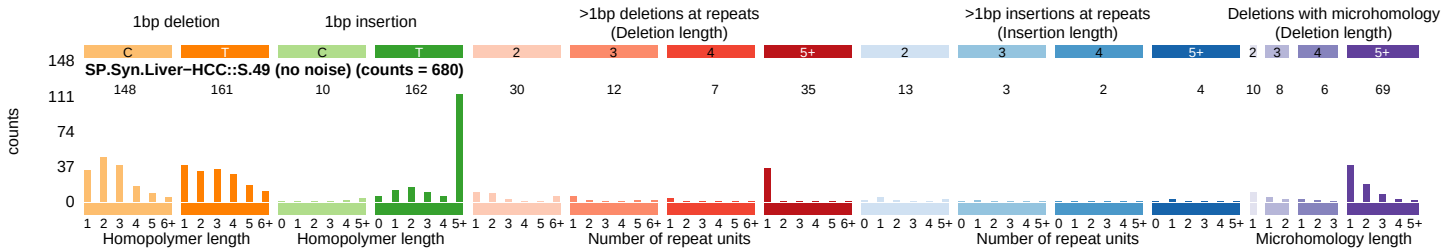
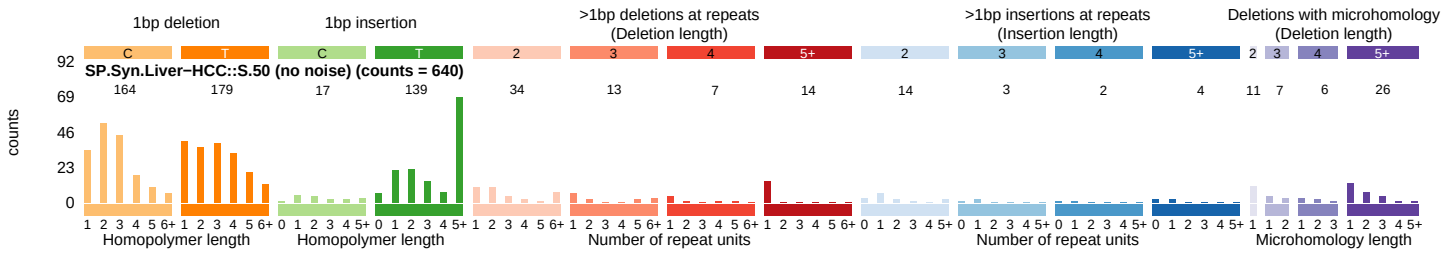
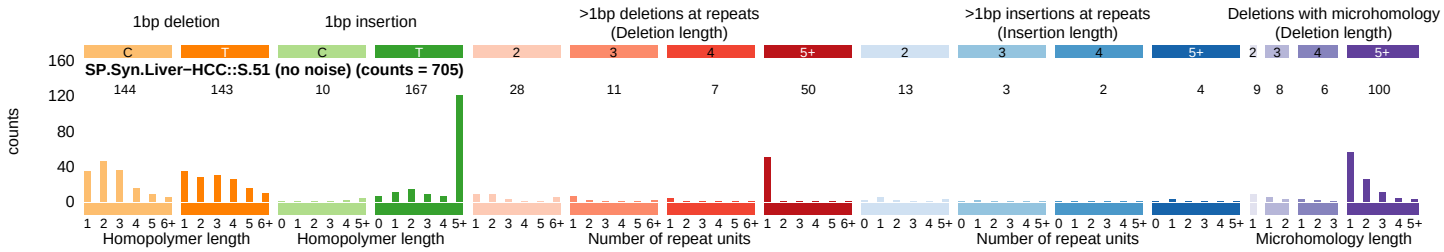
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.47 (no noise) (counts = 498)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.48 (no noise) (counts = 421)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.49 (no noise) (counts = 680)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.50 (no noise) (counts = 640)
counts
Homopolymer length
Number of repeat units
Microhomology length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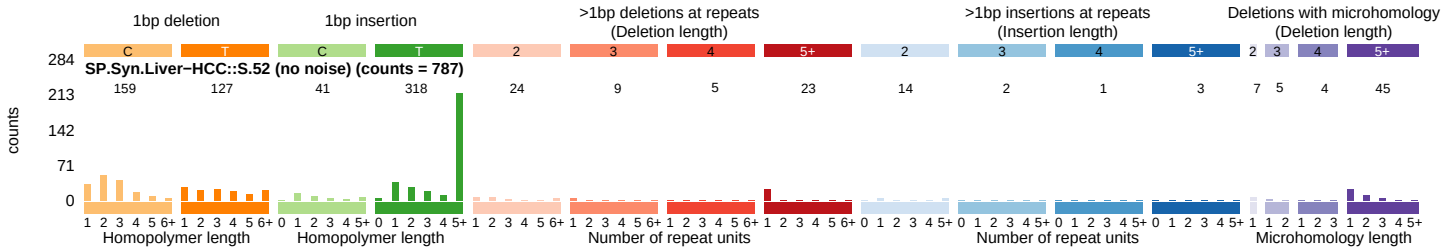
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.51 (no noise) (counts = 705)
144 143 10 167 28 11 7 50 13 3 2 4 9 8 6 100
counts
Homopolymer length
Number of repeat units
Microhomology length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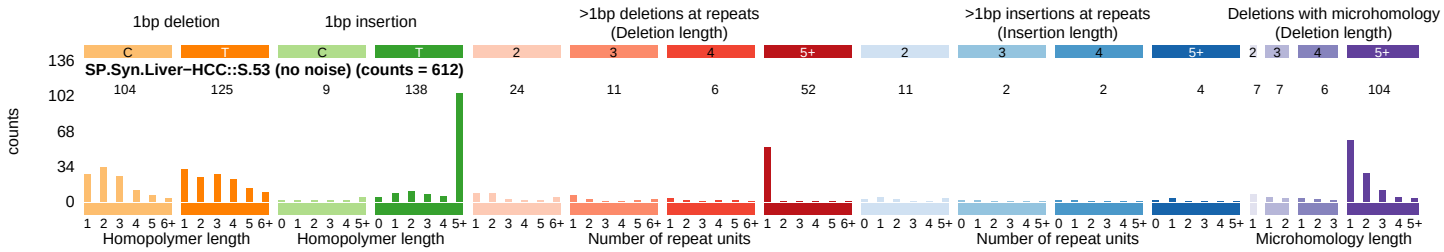
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.52 (no noise) (counts = 787)
159 127 41 318 24 9 5 23 14 2 1 3 7 5 4 45
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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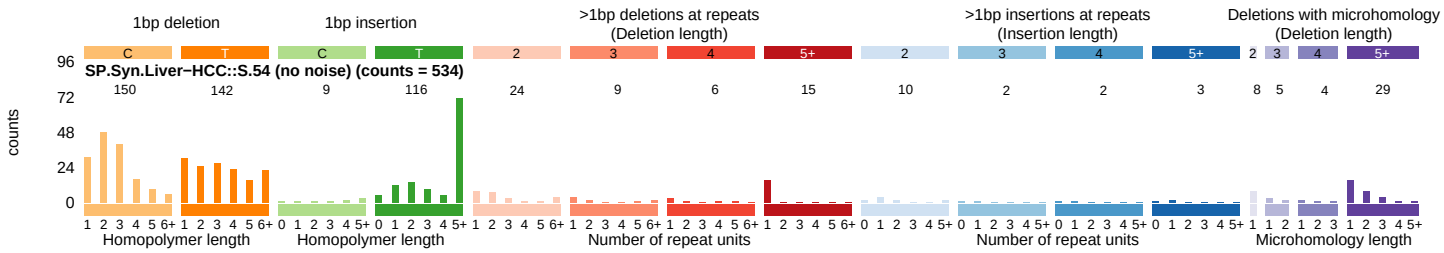
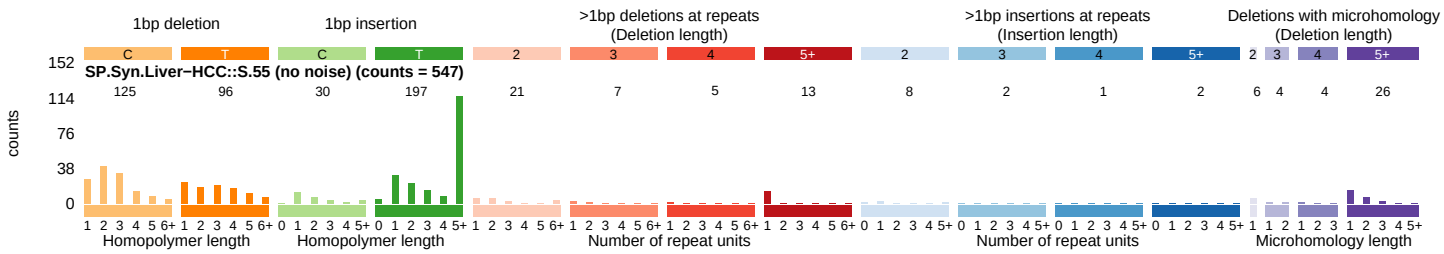
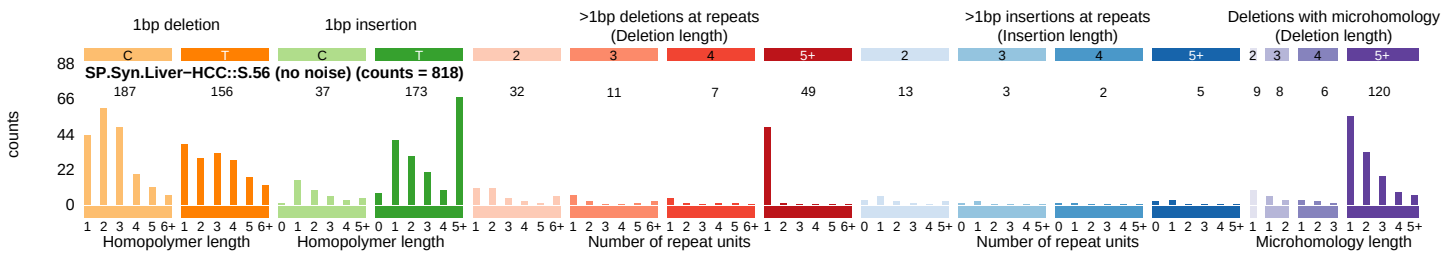
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.53 (no noise) (counts = 612)
104 125 9 138 24 11 6 52 11 2 2 4 7 7 6 104
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.54 (no noise) (counts = 534)
150 142 9 116 24 9 6 15 10 2 2 3 8 5 4 29
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.55 (no noise) (counts = 547)
125 96 30 197 21 7 5 13 8 2 1 2 6 4 4 26
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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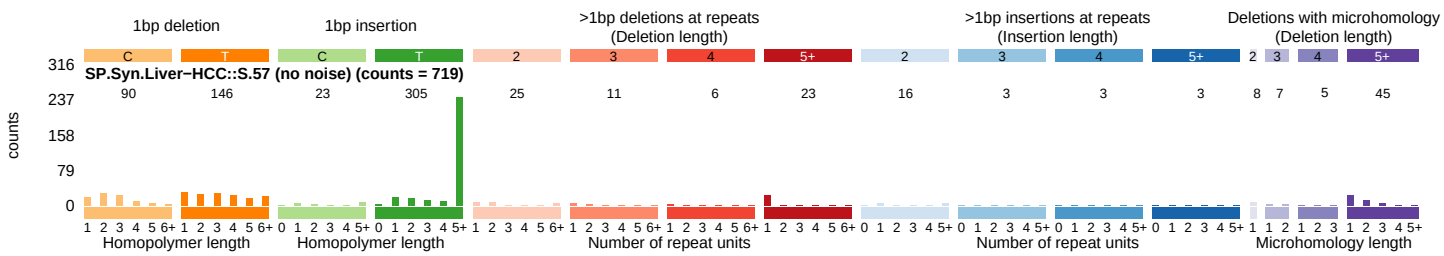
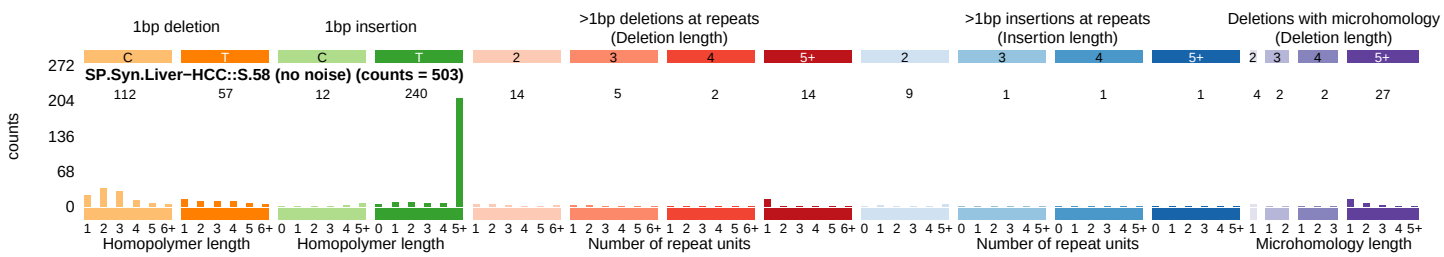
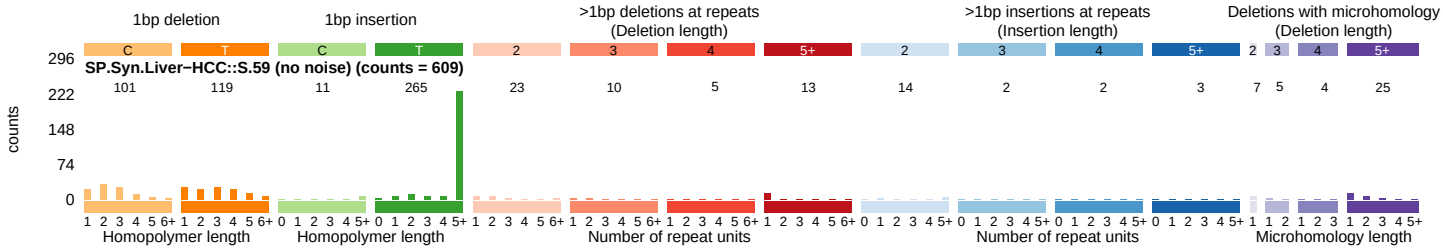
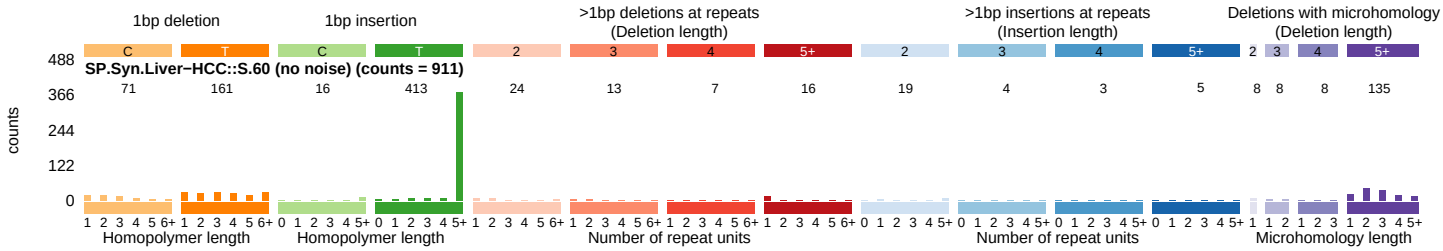
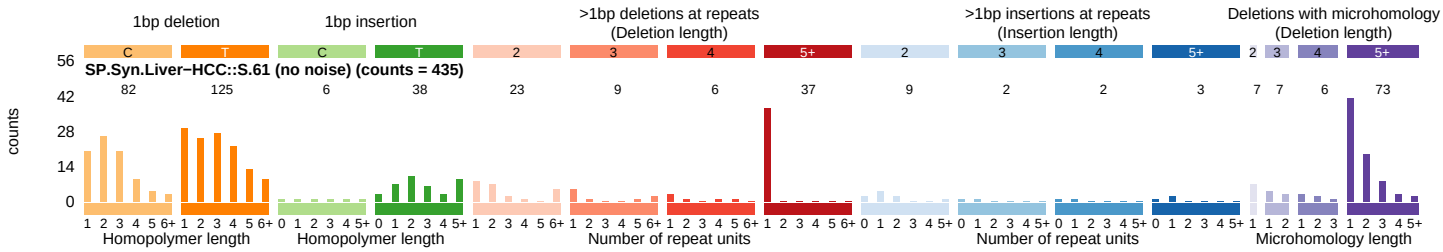
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.56 (no noise) (counts = 818)
187 156 37 173 32 11 7 49 13 3 2 5 9 8 6 120
counts
Homopolymer length
Number of repeat units
Microhomology length

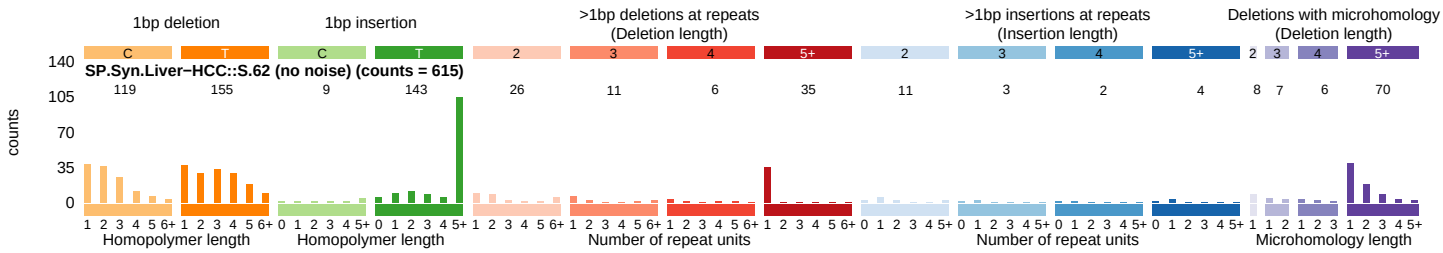

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.57 (no noise) (counts = 719)
90 146 23 305 25 11 6 23 16 3 3 3 8 7 5 45
counts
Homopolymer length
Number of repeat units
Microhomology length

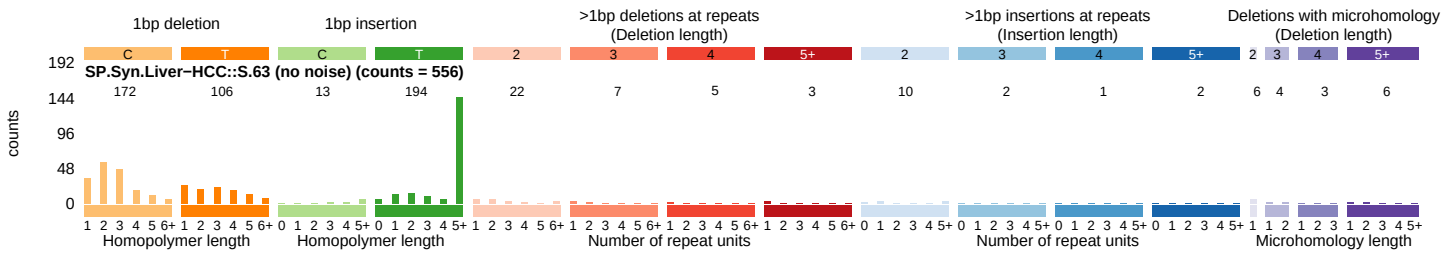

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.58 (no noise) (counts = 503)
112 57 12 240 14 5 2 14 9 1 1 1 4 2 2 27
counts
Homopolymer length
Number of repeat units
Microhomology length

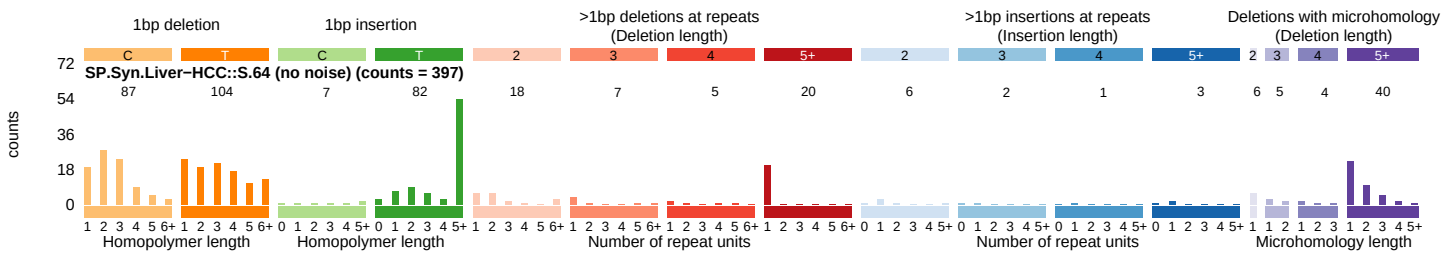

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.59 (no noise) (counts = 609)
101 119 11 265 23 10 5 13 14 2 2 3 7 5 4 25
counts
Homopolymer length
Number of repeat units
Microhomology length

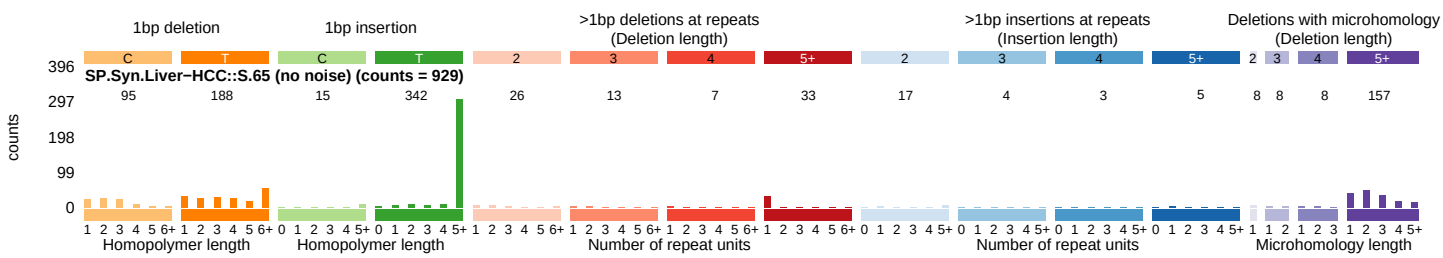

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.60 (no noise) (counts = 911)
71 161 16 413 24 13 7 16 19 4 3 5 8 8 8 135
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.61 (no noise) (counts = 435)
82 125 6 38 23 9 6 37 9 2 2 3 7 7 6 73
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.62 (no noise) (counts = 615)
119 155 9 143 26 11 6 35 11 3 2 4 8 7 6 70
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.63 (no noise) (counts = 556)
172 106 13 194 22 7 5 3 10 2 1 2 6 4 3 6
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.64 (no noise) (counts = 397)
87 104 7 82 18 7 5 20 6 2 1 3 6 5 4 40
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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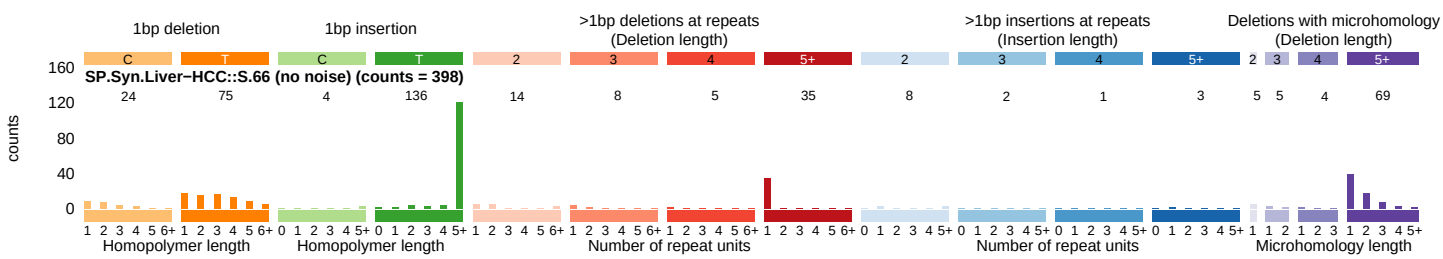
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.65 (no noise) (counts = 929)
95 188 15 342 26 13 7 33 17 4 3 5 8 8 8 157
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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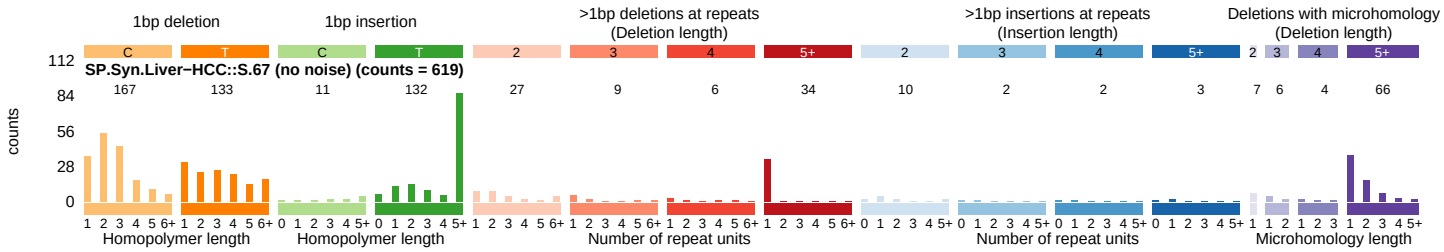
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.66 (no noise) (counts = 398)
24 75 4 136 14 8 5 35 8 2 1 3 5 5 4 69
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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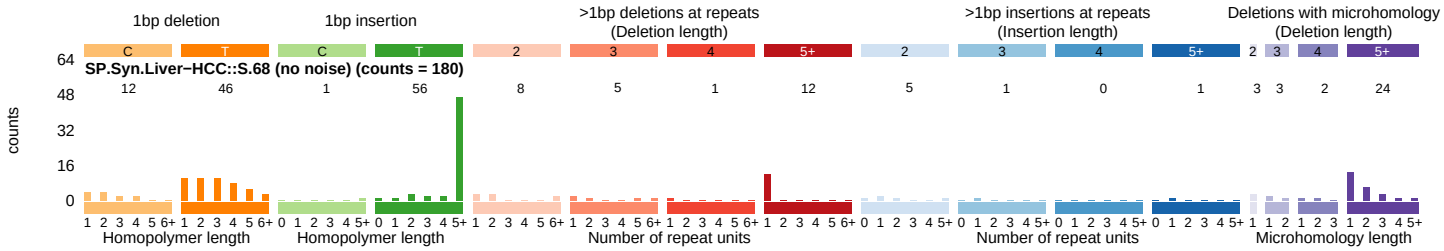
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.67 (no noise) (counts = 619)
167 133 11 132 27 9 6 34 10 2 2 3 7 6 4 66
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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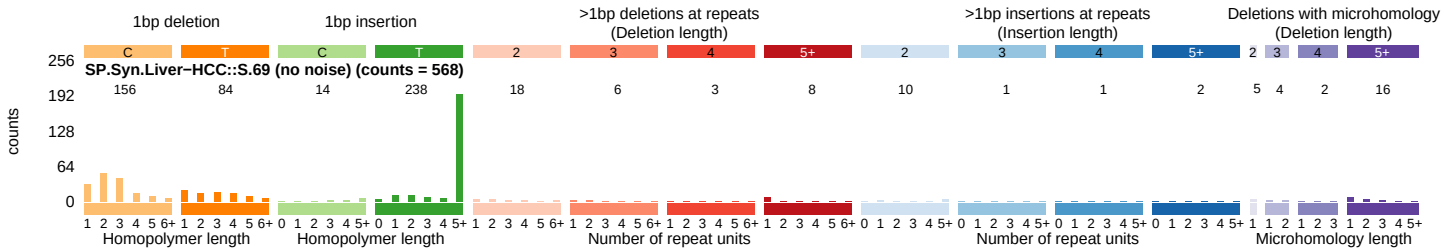
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.68 (no noise) (counts = 180)
12 46 1 56 8 5 1 12 5 1 0 1 3 3 2 24
counts
Homopolymer length
Number of repeat units
Microhomology length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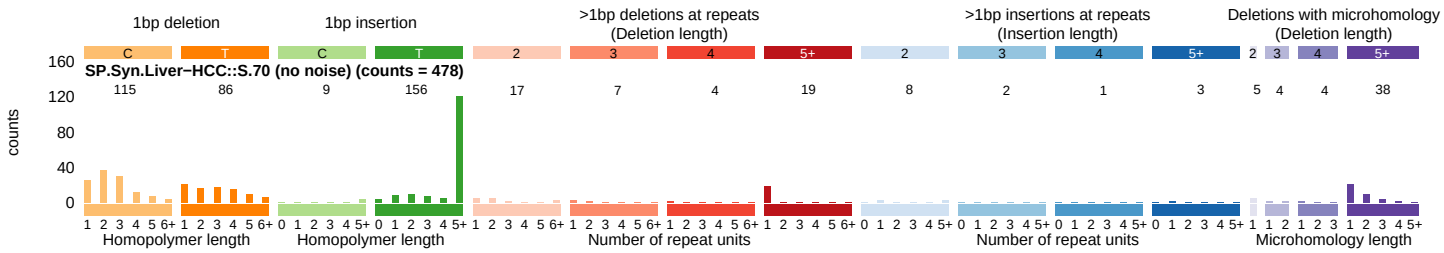
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.69 (no noise) (counts = 568)
156 84 14 238 18 6 3 8 10 1 1 2 5 4 2 16
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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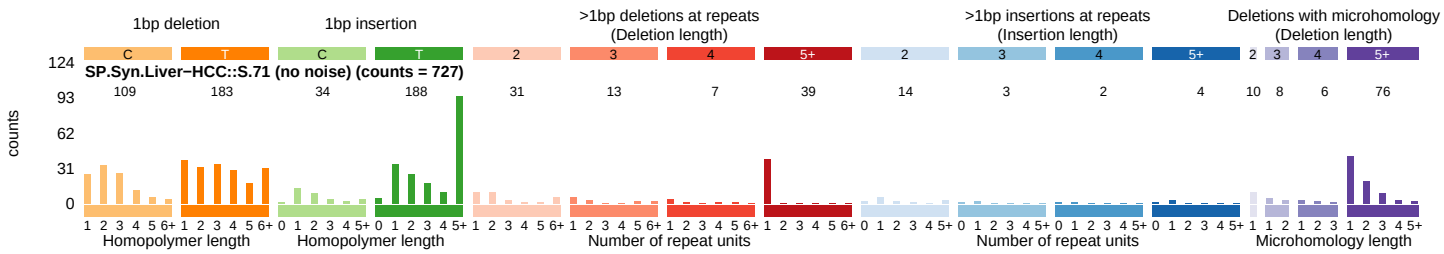
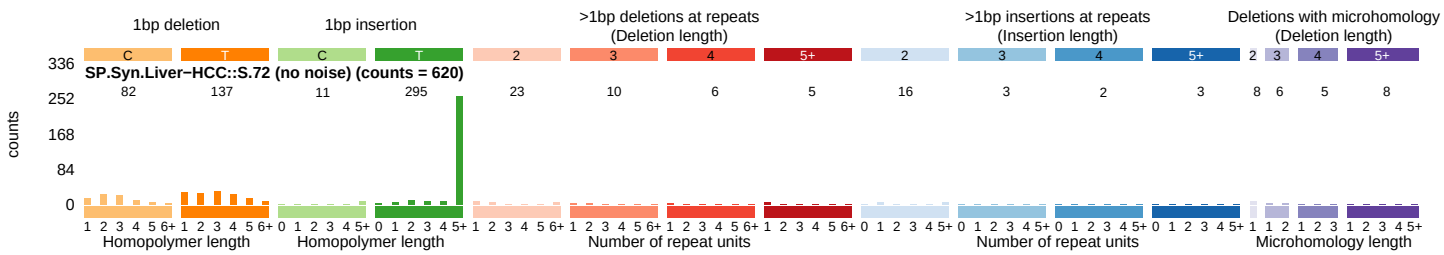
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.70 (no noise) (counts = 478)
115 86 9 156 17 7 4 19 8 2 1 3 5 4 4 38
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.71 (no noise) (counts = 727)
109 183 34 188 31 13 7 39 14 3 2 4 10 8 6 76
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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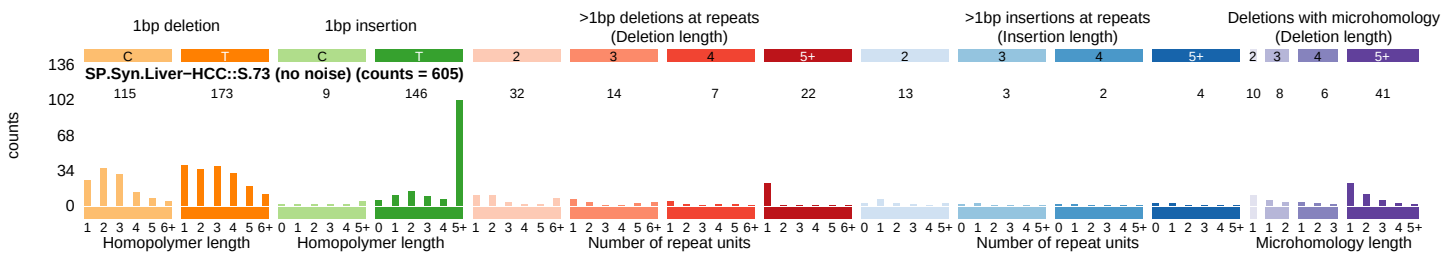
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.72 (no noise) (counts = 620)
82 137 11 295 23 10 6 5 16 3 2 3 8 6 5 8
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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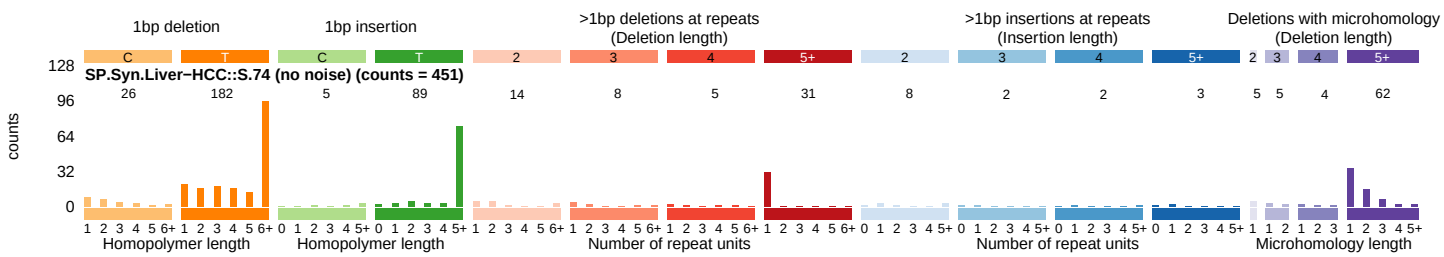
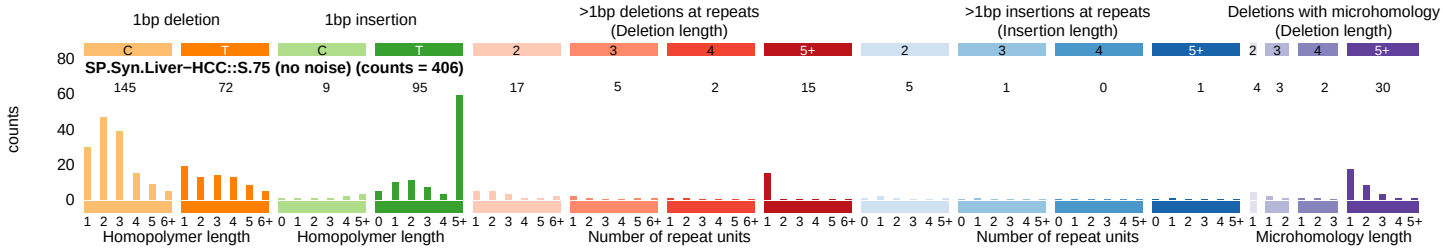
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.73 (no noise) (counts = 605)
115 173 9 146 32 14 7 22 13 3 2 4 10 8 6 41
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.74 (no noise) (counts = 451)
26 182 5 89 14 8 5 31 8 2 2 3 5 5 4 62
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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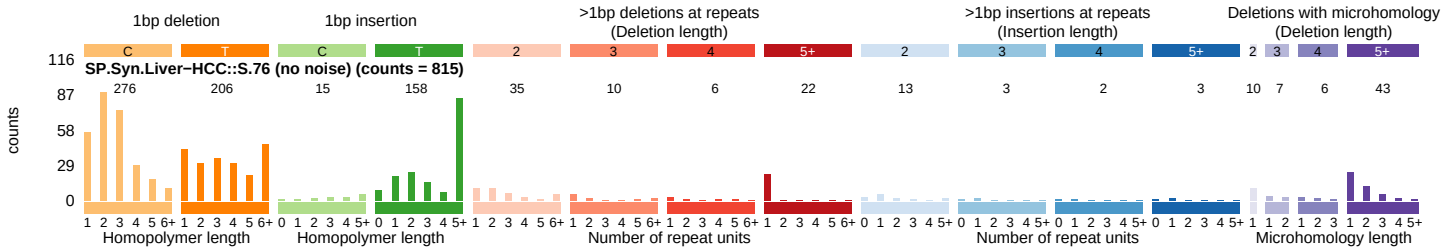
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.75 (no noise) (counts = 406)
145 72 9 95 17 5 2 15 5 1 0 1 4 3 2 30
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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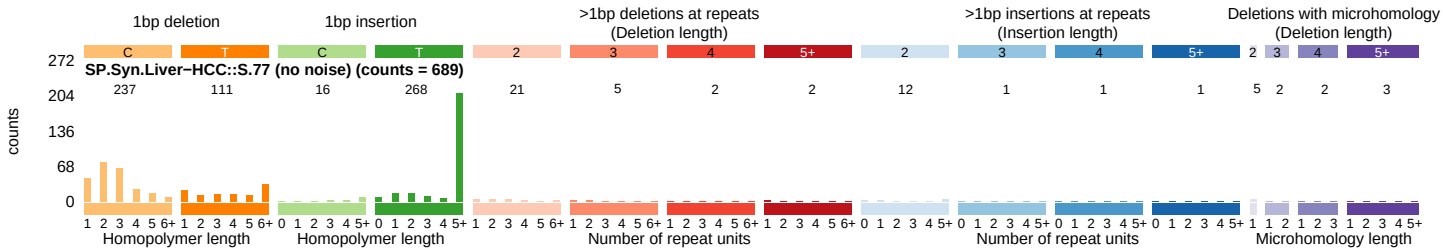
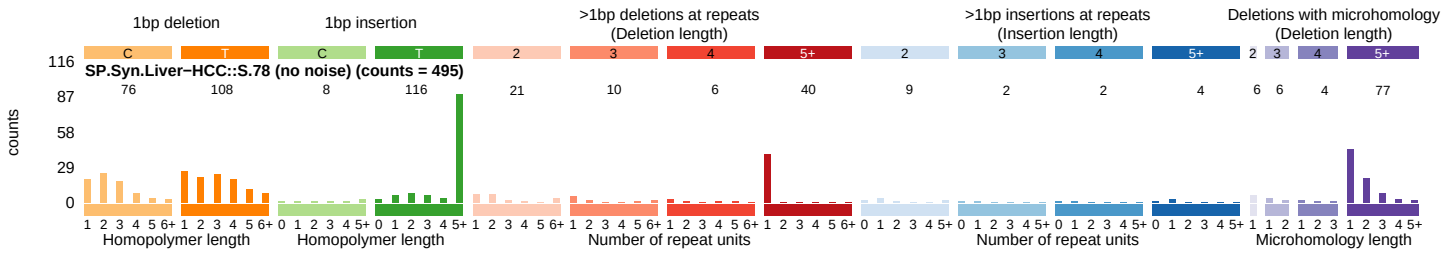
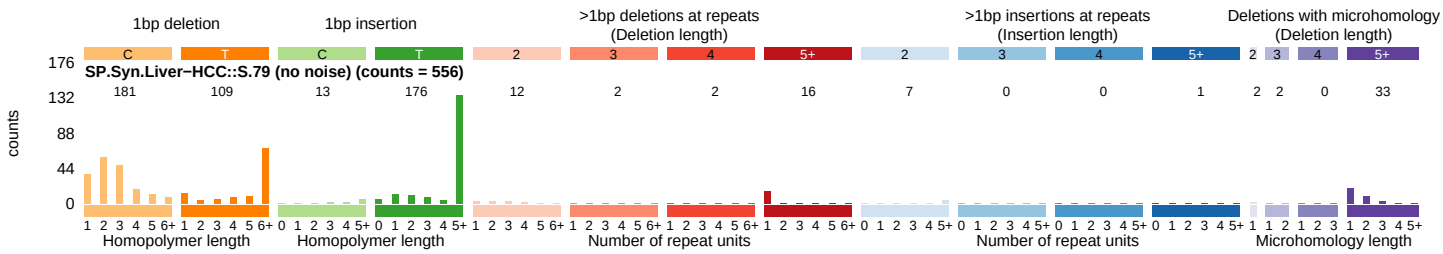
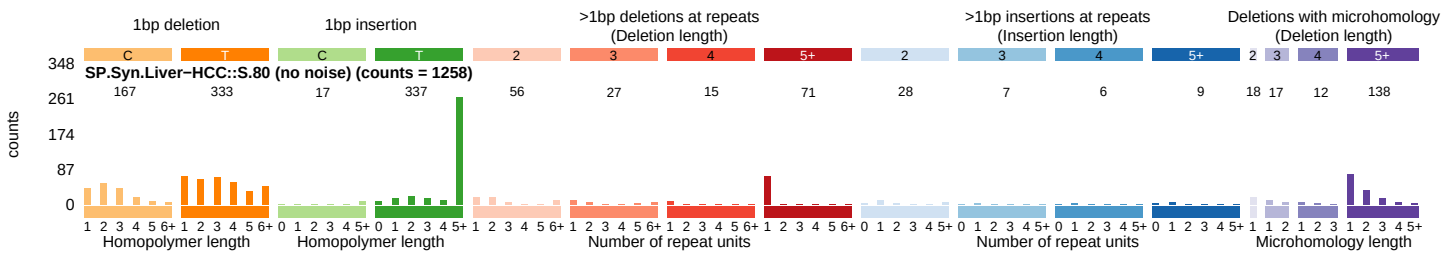
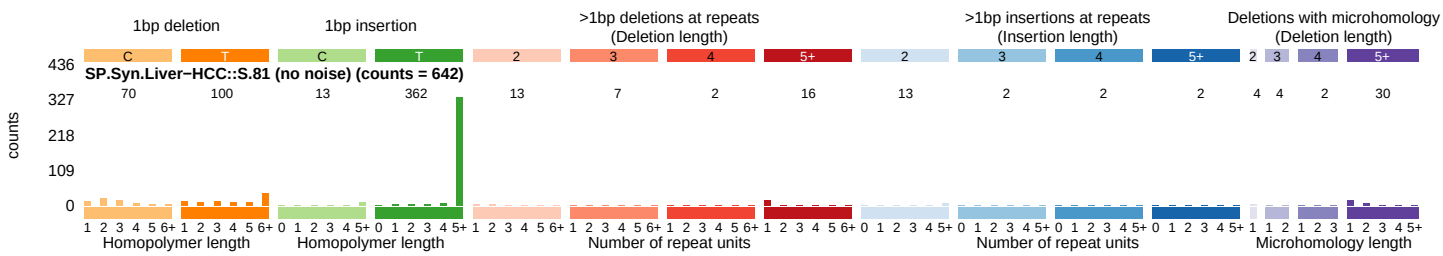
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.76 (no noise) (counts = 815)
276 206 15 158 35 10 6 22 13 3 2 3 10 7 6 43
counts
Homopolymer length
Number of repeat units
Microhomology length

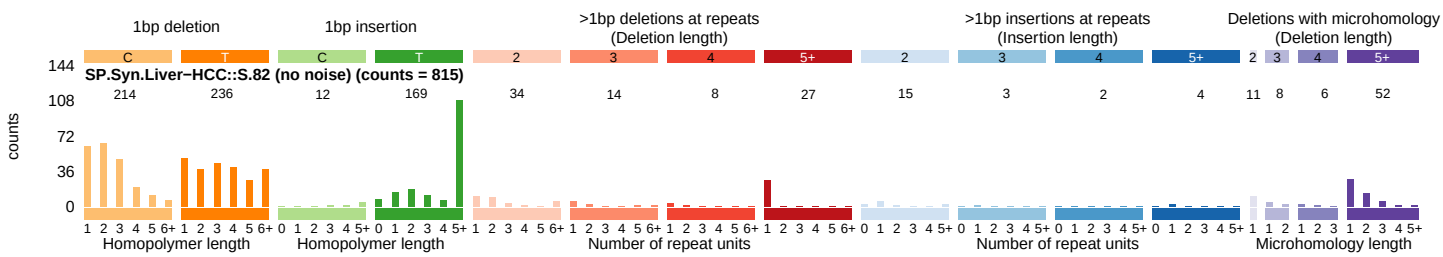

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.77 (no noise) (counts = 689)
237 111 16 268 21 5 2 2 12 1 1 1 5 2 2 3
counts
Homopolymer length
Number of repeat units
Microhomology length

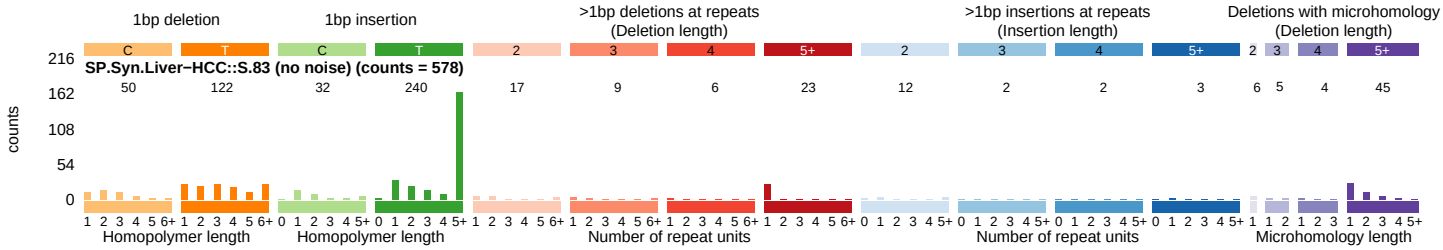

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.78 (no noise) (counts = 495)
76 108 8 116 21 10 6 40 9 2 2 4 6 6 4 77
counts
Homopolymer length
Number of repeat units
Microhomology length

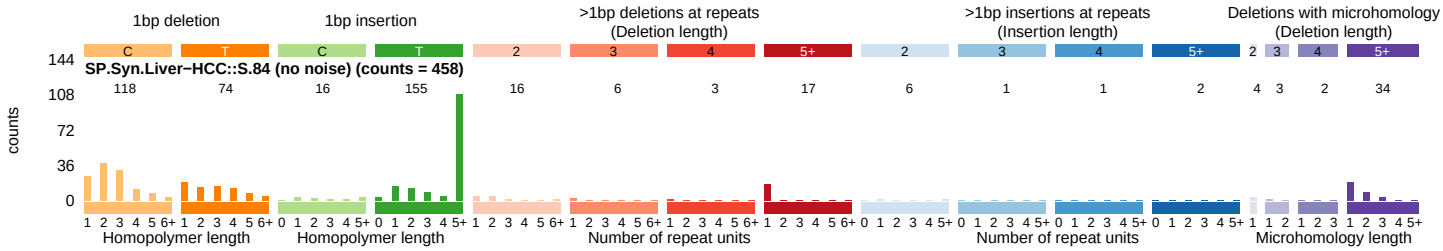

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.79 (no noise) (counts = 556)
181 109 13 176 12 2 2 16 7 0 0 1 2 2 0 33
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.80 (no noise) (counts = 1258)
167 333 17 337 56 27 15 71 28 7 6 9 18 17 12 138
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.81 (no noise) (counts = 642)
70 100 13 362 13 7 2 16 13 2 2 2 4 4 2 30
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.82 (no noise) (counts = 815)
214 236 12 169 34 14 8 27 15 3 2 4 11 8 6 52
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.83 (no noise) (counts = 578)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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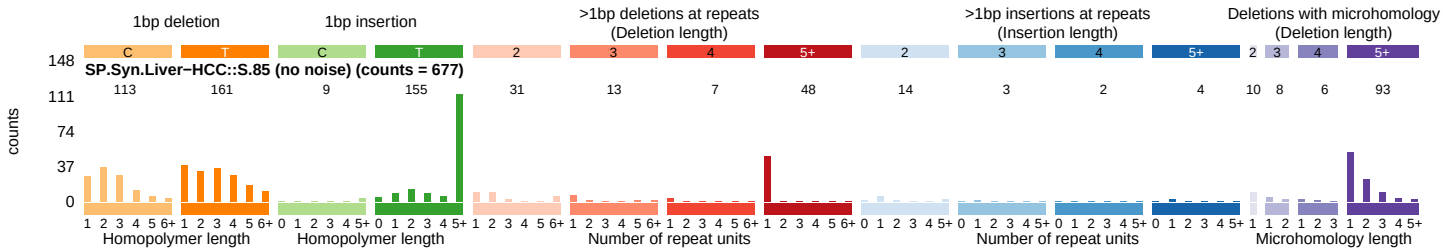
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.84 (no noise) (counts = 458)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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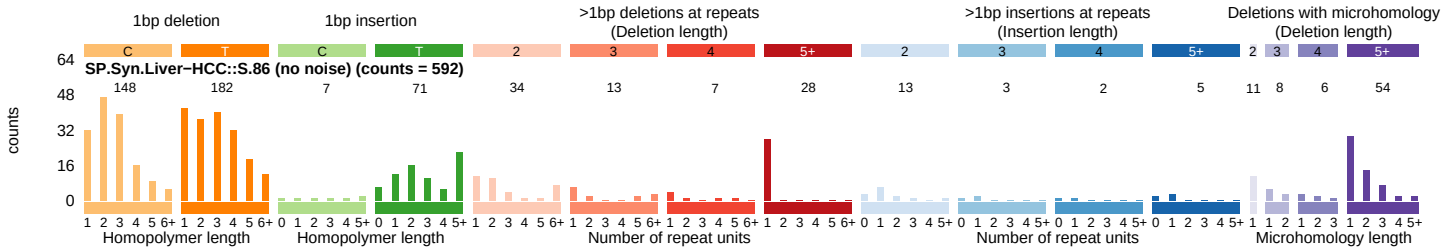
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.85 (no noise) (counts = 677)
counts
Homopolymer length
Number of repeat units
Microhomology length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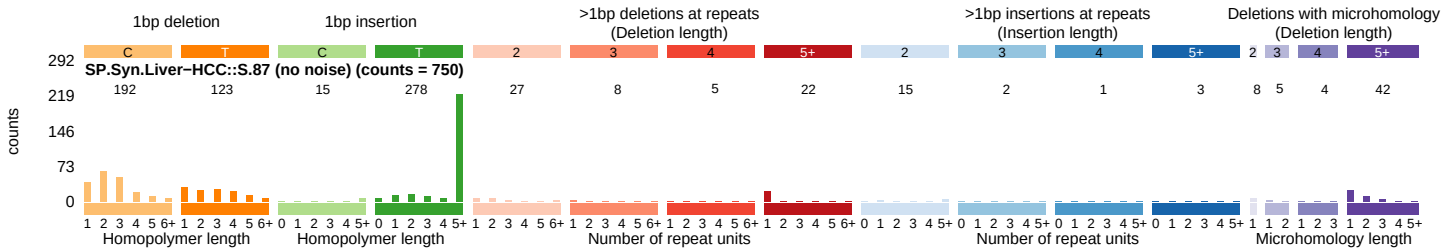
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.86 (no noise) (counts = 592)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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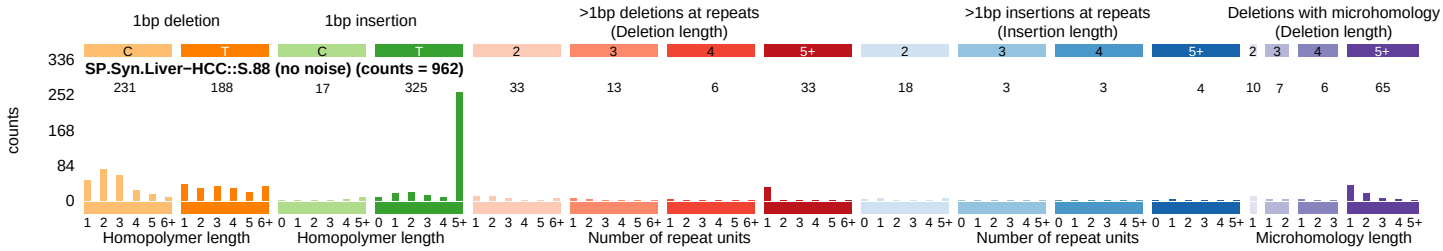
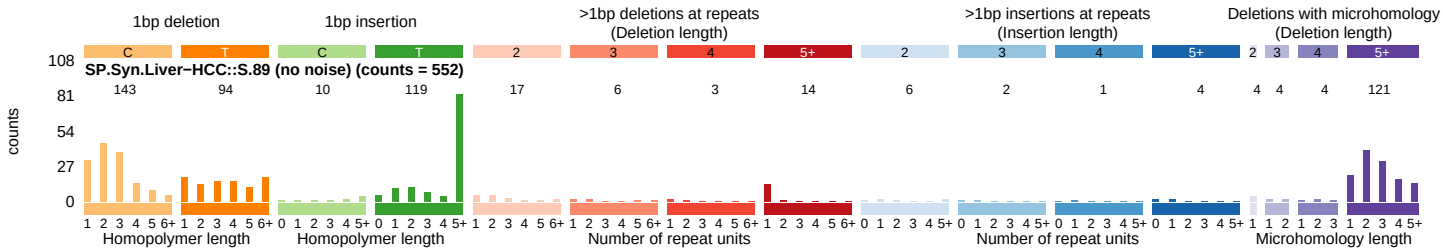
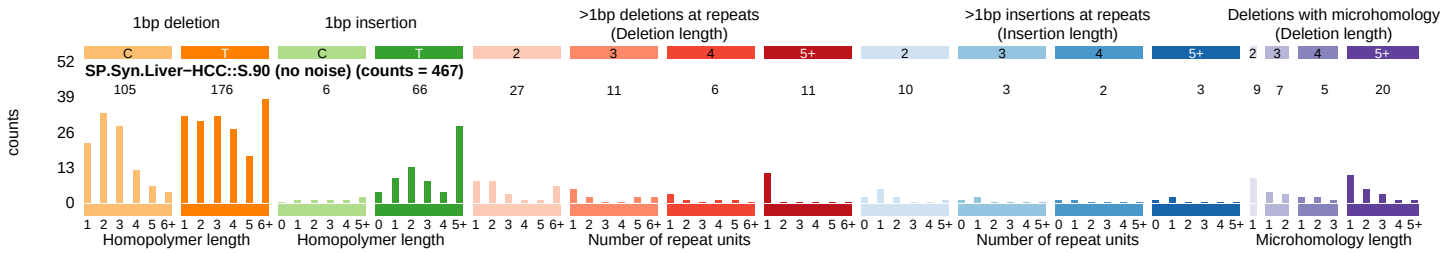
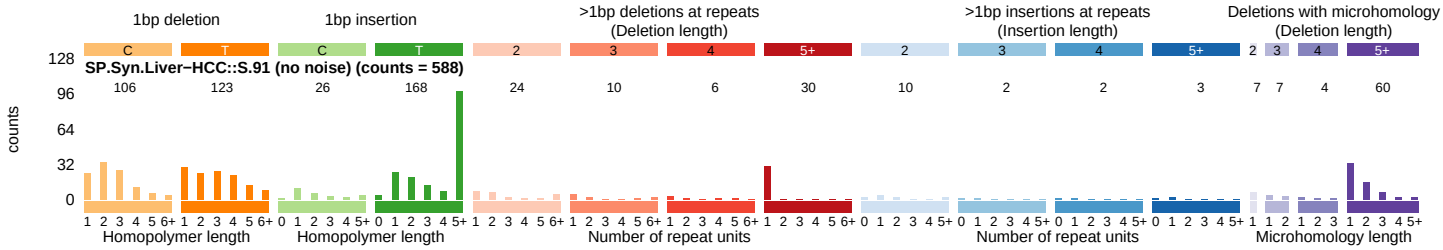
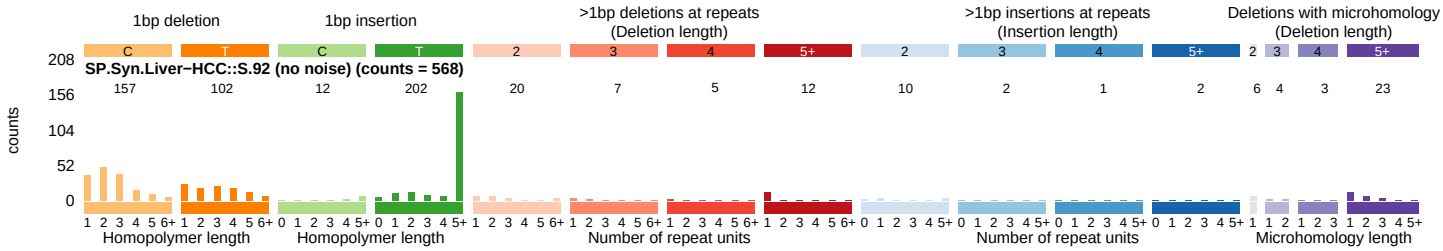
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.87 (no noise) (counts = 750)
counts
Homopolymer length
Number of repeat units
Microhomology length

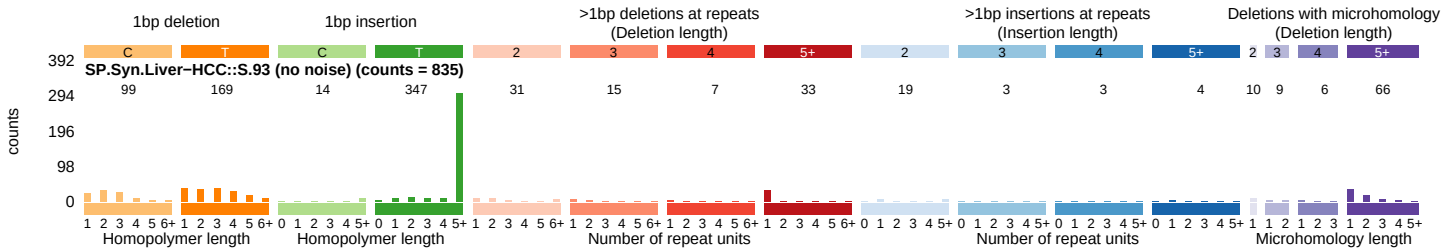

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.88 (no noise) (counts = 962)
counts
Homopolymer length
Number of repeat units
Microhomology length

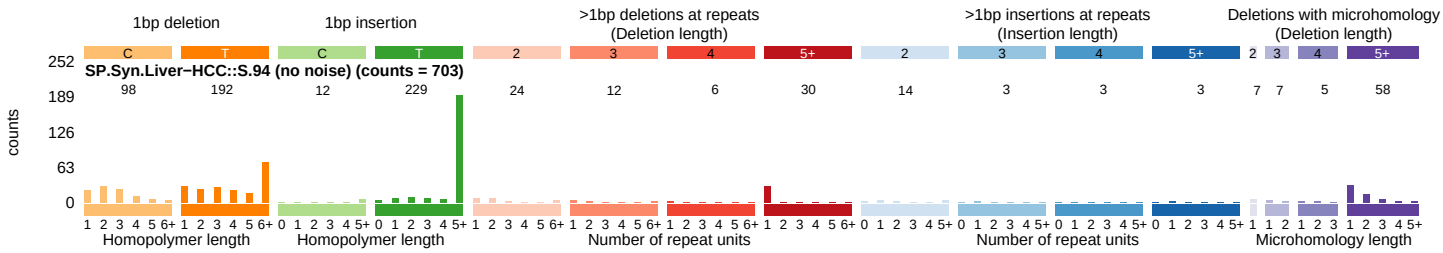

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.89 (no noise) (counts = 552)
counts
Homopolymer length
Number of repeat units
Microhomology length

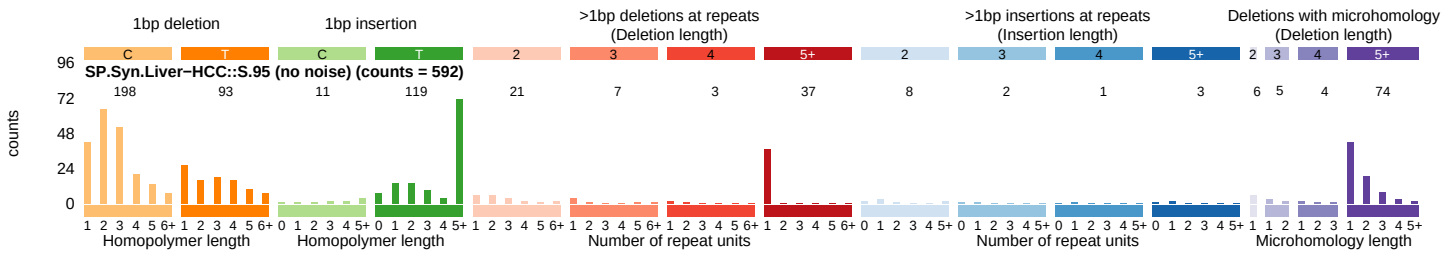

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.90 (no noise) (counts = 467)
counts
Homopolymer length
Number of repeat units
Microhomology length

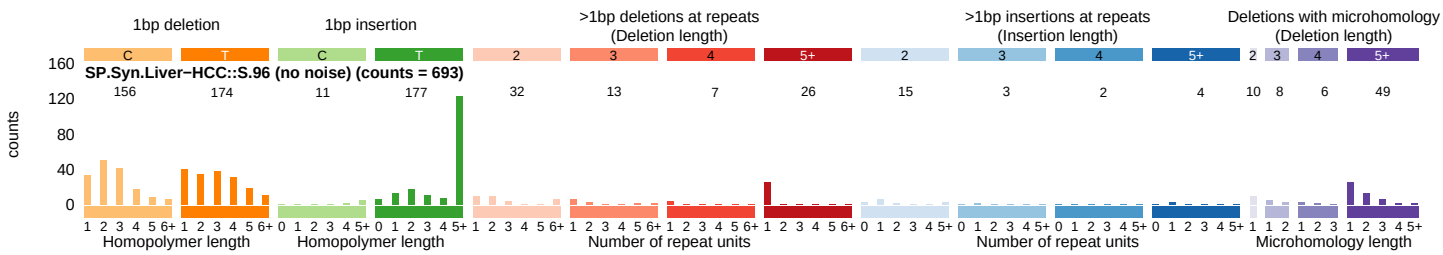

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.91 (no noise) (counts = 588)
106 123 26 168 24 10 6 30 10 2 2 3 7 7 4 60
counts
128 96 64 32 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

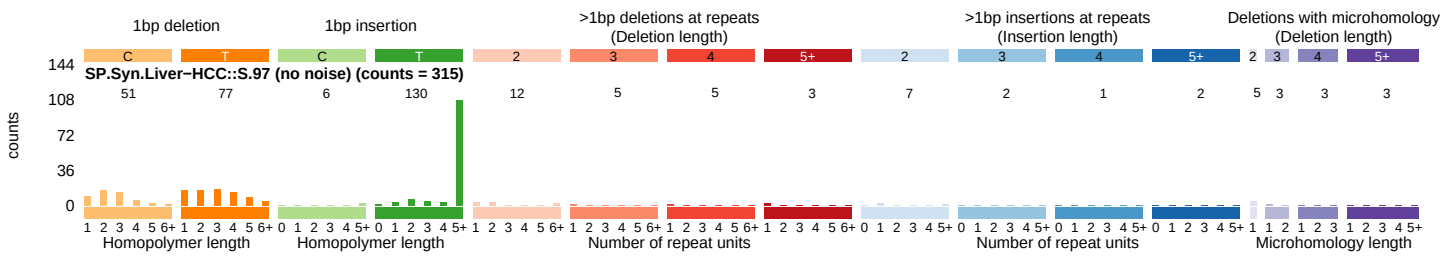

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.92 (no noise) (counts = 568)
157 102 12 202 20 7 5 12 10 2 1 2 6 4 3 23
counts
208 156 104 52 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

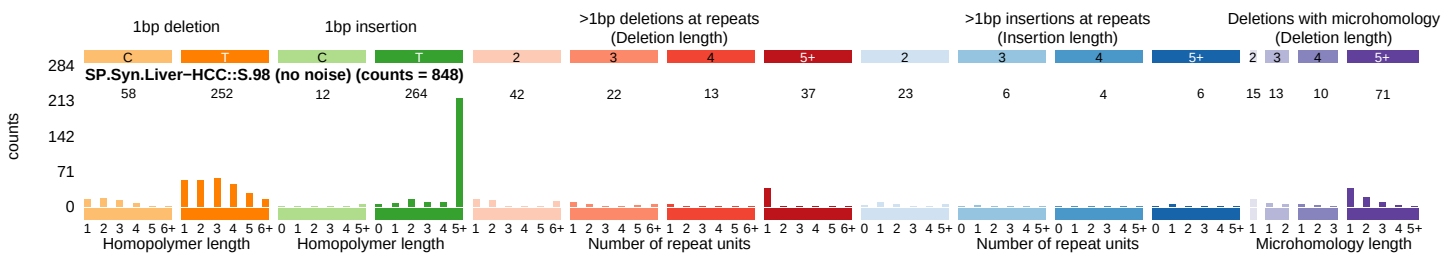

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.93 (no noise) (counts = 835)
99 169 14 347 31 15 7 33 19 3 3 4 10 9 6 66
counts
392 294 196 98 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

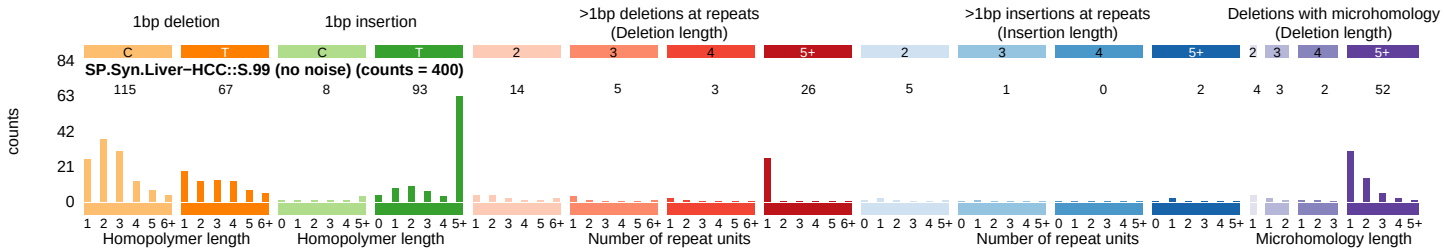

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.94 (no noise) (counts = 703)
98 192 12 229 24 12 6 30 14 3 3 3 7 7 5 58
counts
252 189 126 63 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

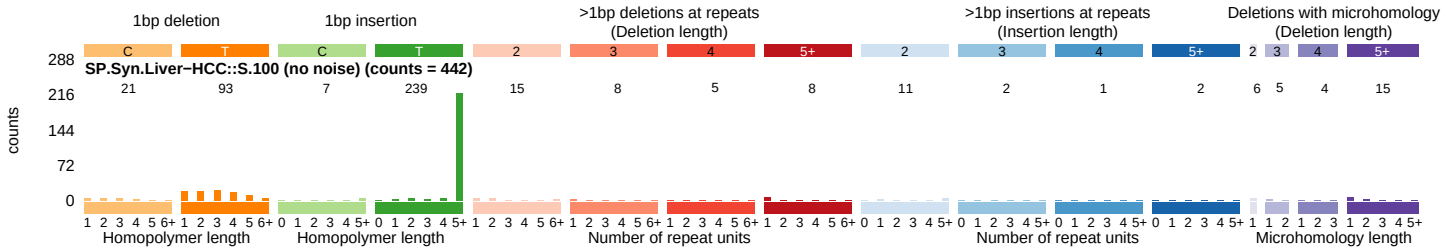

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.95 (no noise) (counts = 592)
198 93 11 119 21 7 3 37 8 2 1 3 6 5 4 74
counts
96 72 48 24 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

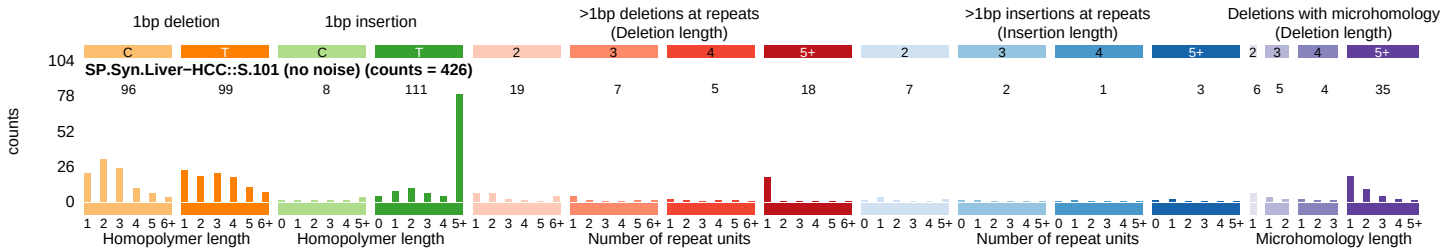

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.96 (no noise) (counts = 693)
156 174 11 177 32 13 7 26 15 3 2 4 10 8 6 49
counts
160 120 80 40 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

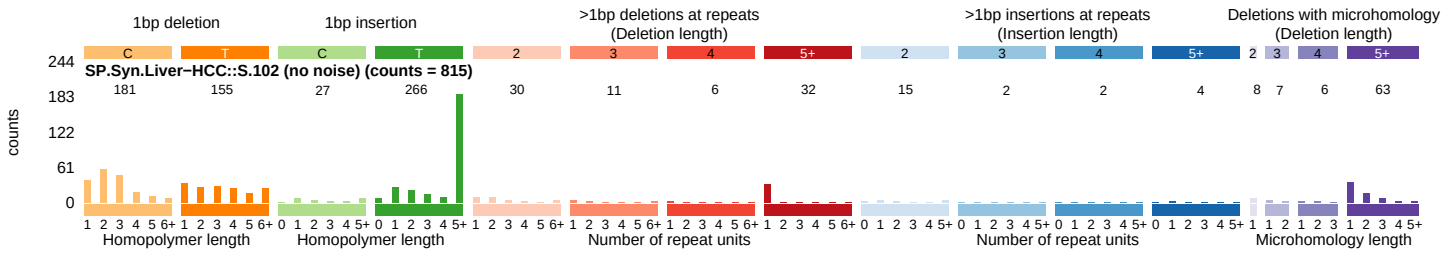

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.97 (no noise) (counts = 315)
51 77 6 130 12 5 5 3 7 2 1 2 5 3 3 3
counts
144 108 72 36 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

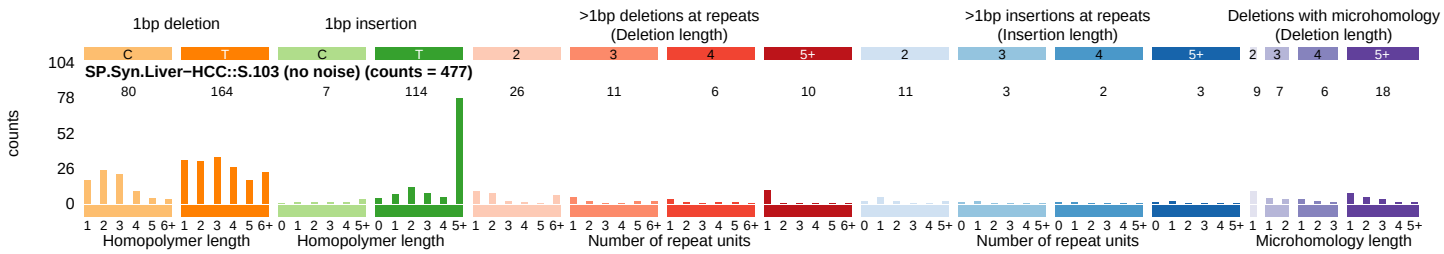

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.98 (no noise) (counts = 848)
58 252 12 264 42 22 13 37 23 6 4 6 15 13 10 71
counts
284 213 142 71 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

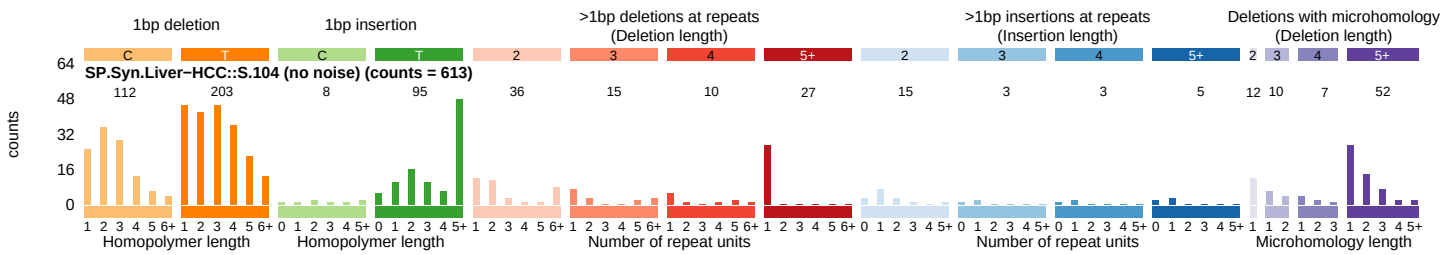

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.99 (no noise) (counts = 400)
115 67 8 93 14 5 3 26 5 1 0 2 4 3 2 52
counts
Homopolymer length
Number of repeat units
Microhomology length

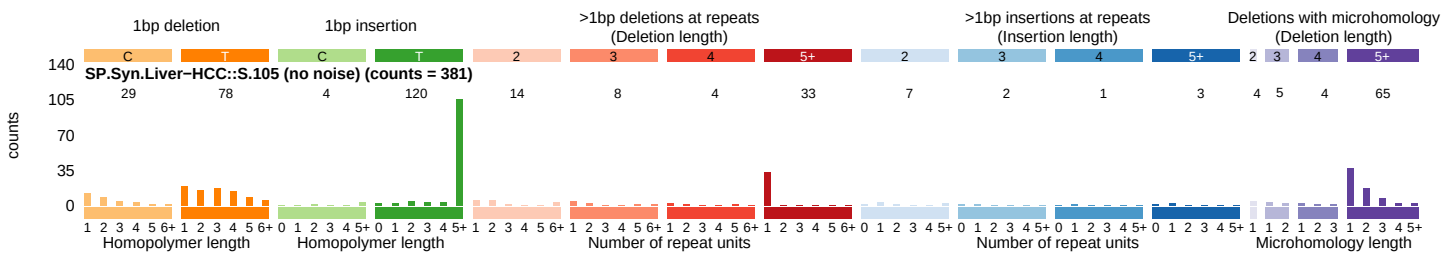

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.100 (no noise) (counts = 442)
21 93 7 239 15 8 5 8 11 2 1 2 6 5 4 15
counts
Homopolymer length
Number of repeat units
Microhomology length

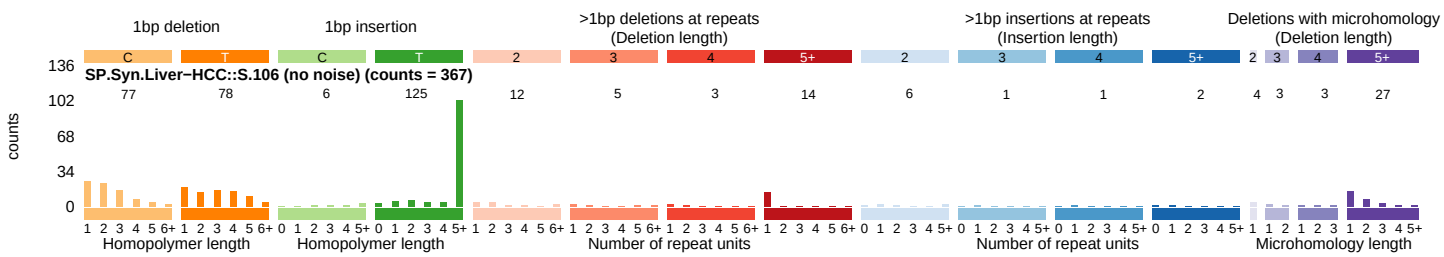

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.101 (no noise) (counts = 426)
96 99 8 111 19 7 5 18 7 2 1 3 6 5 4 35
counts
Homopolymer length
Number of repeat units
Microhomology length

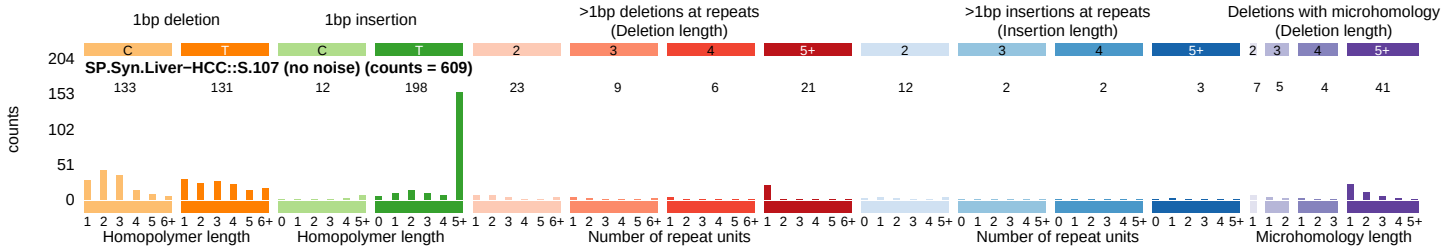

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.102 (no noise) (counts = 815)
181 155 27 266 30 11 6 32 15 2 2 4 8 7 6 63
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.103 (no noise) (counts = 477)
80 164 7 114 26 11 6 10 11 3 2 3 9 7 6 18
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.104 (no noise) (counts = 613)
112 203 8 95 36 15 10 27 15 3 3 5 12 10 7 52
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.105 (no noise) (counts = 381)
29 78 4 120 14 8 4 33 7 2 1 3 4 5 4 65
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.106 (no noise) (counts = 367)
77 78 6 125 12 5 3 14 6 1 1 2 4 3 3 27
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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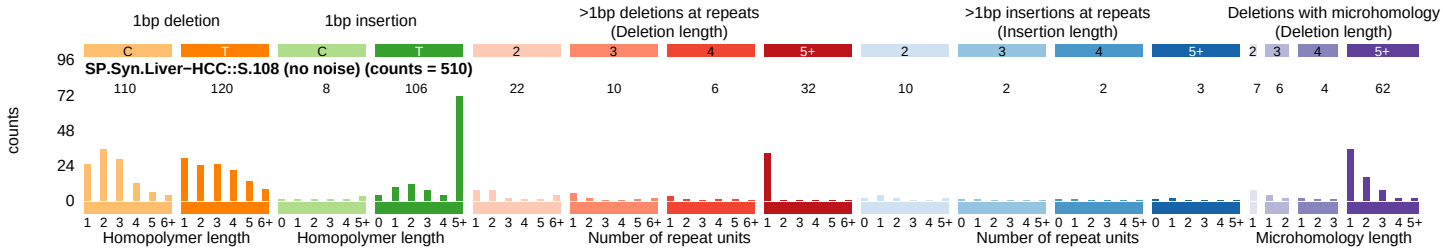
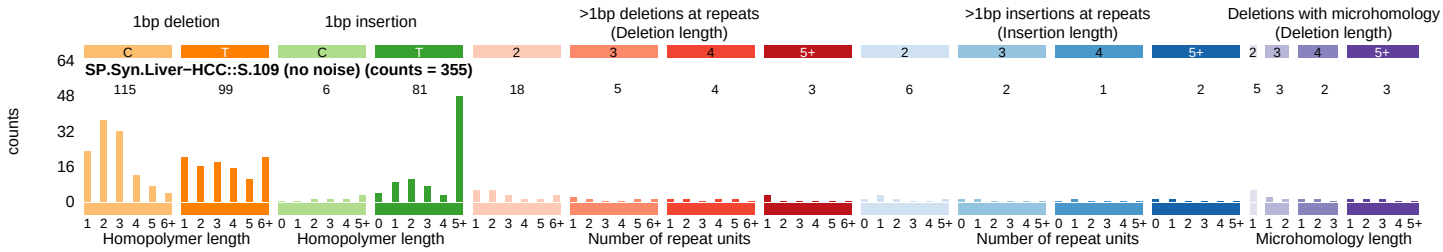
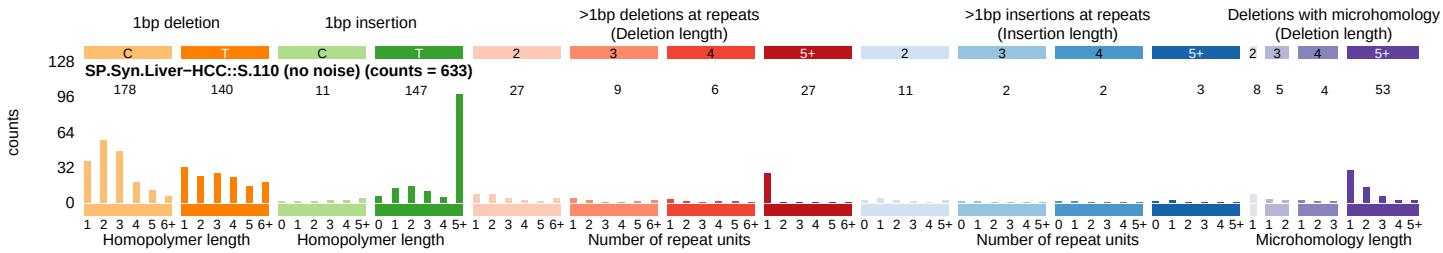
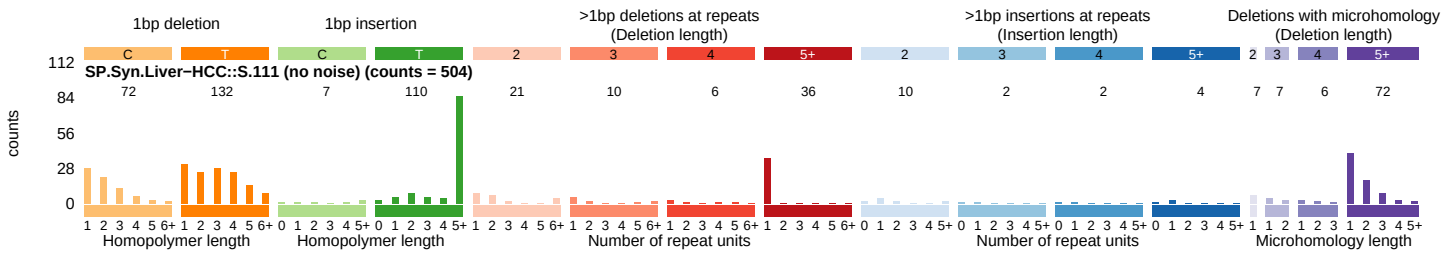
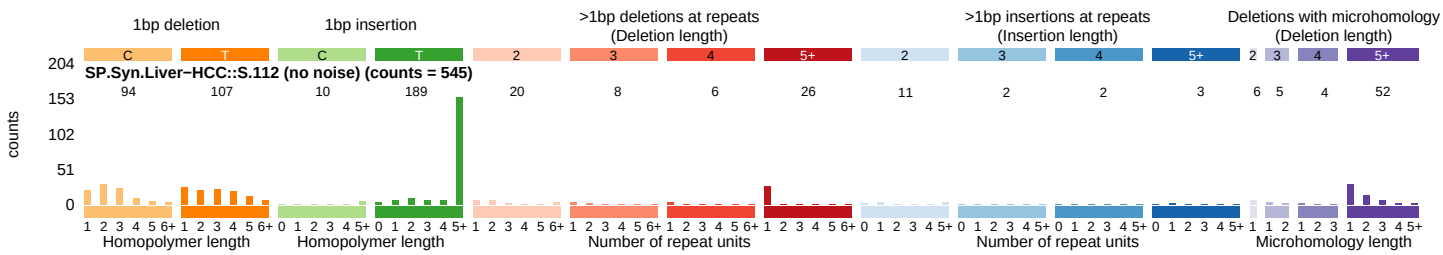
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.107 (no noise) (counts = 609)
133 131 12 198 23 9 6 21 12 2 2 3 7 5 4 41
counts
Homopolymer length
Number of repeat units
Microhomology length

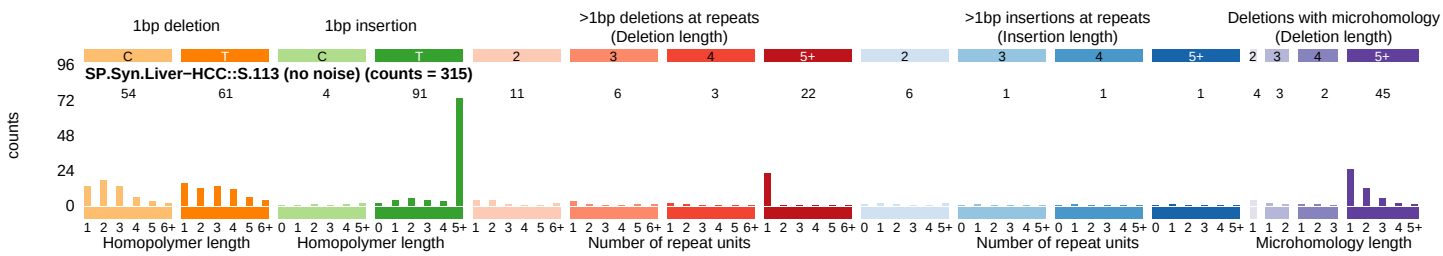

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.108 (no noise) (counts = 510)
110 120 8 106 22 10 6 32 10 2 2 3 7 6 4 62
counts
Homopolymer length
Number of repeat units
Microhomology length

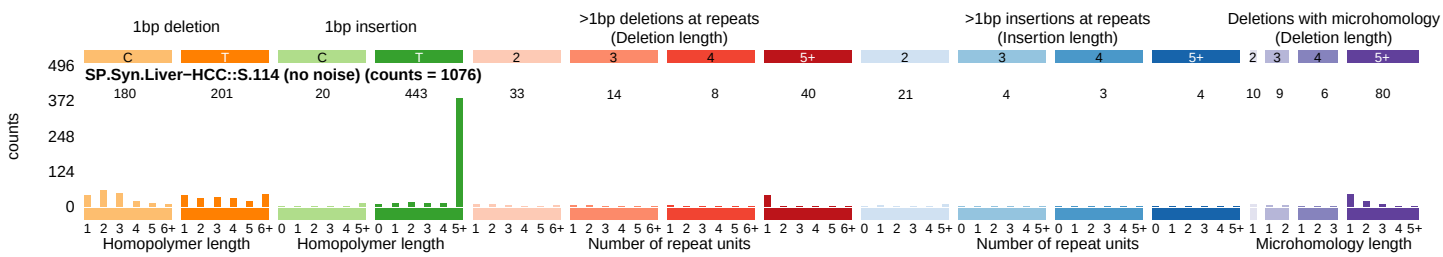

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.109 (no noise) (counts = 355)
115 99 6 81 18 5 4 3 6 2 1 2 5 3 2 3
counts
Homopolymer length
Number of repeat units
Microhomology length

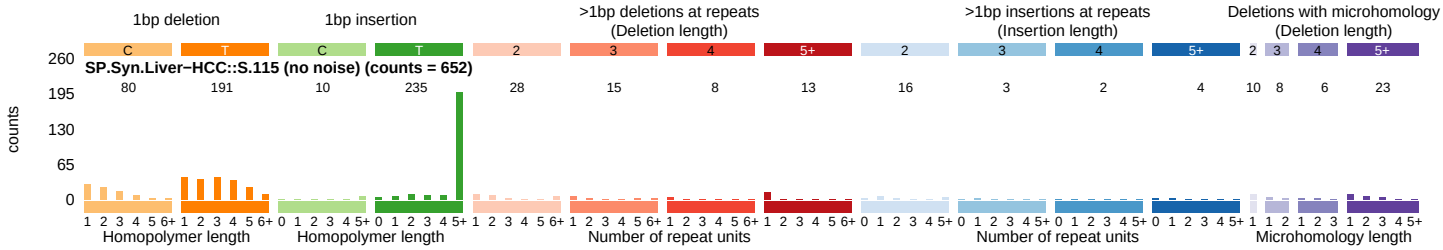

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.110 (no noise) (counts = 633)
178 140 11 147 27 9 6 27 11 2 2 3 8 5 4 53
counts
Homopolymer length
Number of repeat units
Microhomology length

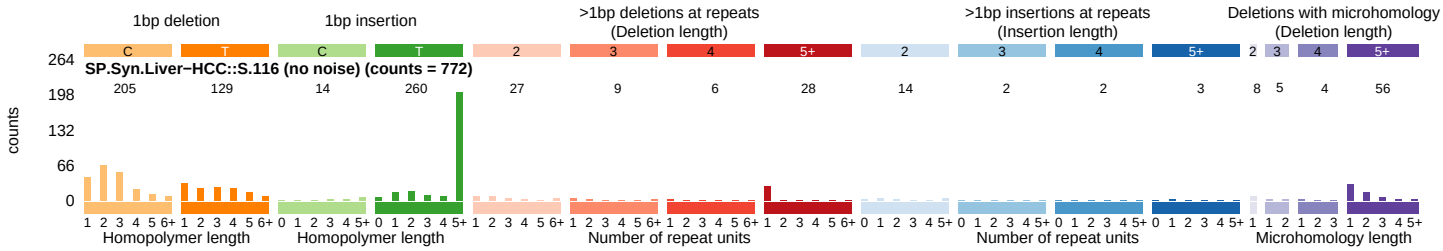

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.111 (no noise) (counts = 504)
72 132 7 110 21 10 6 36 10 2 2 4 7 7 6 72
counts
Homopolymer length
Number of repeat units
Microhomology length

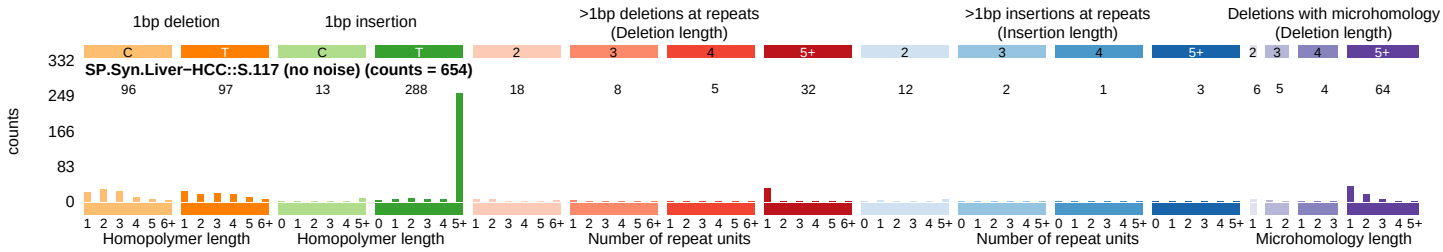

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.112 (no noise) (counts = 545)
94 107 10 189 20 8 6 26 11 2 2 3 6 5 4 52
counts
Homopolymer length
Number of repeat units
Microhomology length

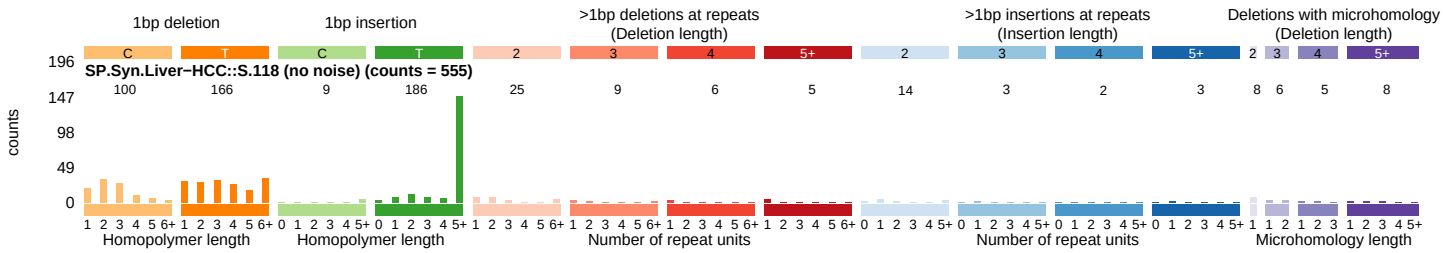

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.113 (no noise) (counts = 315)
54 61 4 91 11 6 3 22 6 1 1 1 4 3 2 45
counts
Homopolymer length
Number of repeat units
Microhomology length

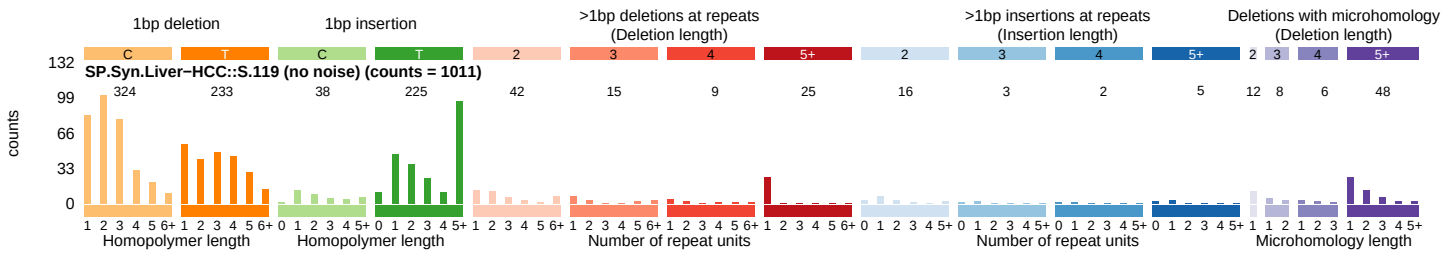

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.114 (no noise) (counts = 1076)
180 201 20 443 33 14 8 40 21 4 3 4 10 9 6 80
counts
Homopolymer length
Number of repeat units
Microhomology length

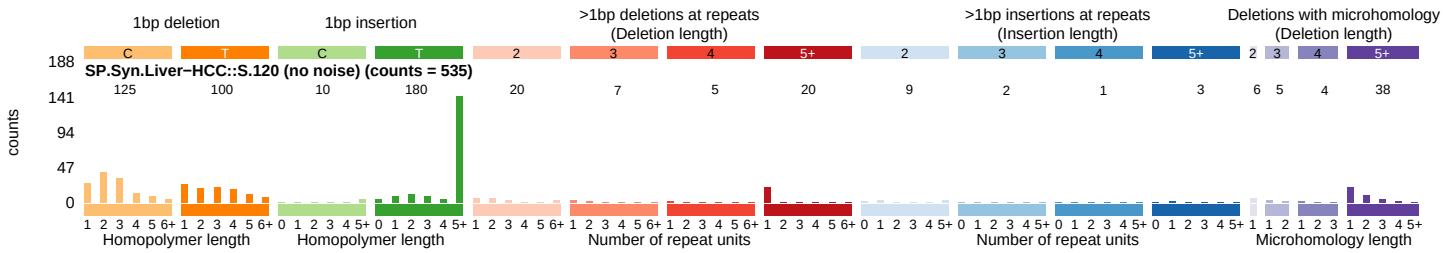

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.115 (no noise) (counts = 652)
80 191 10 235 28 15 8 13 16 3 2 4 10 8 6 23
counts
260 195 130 65 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

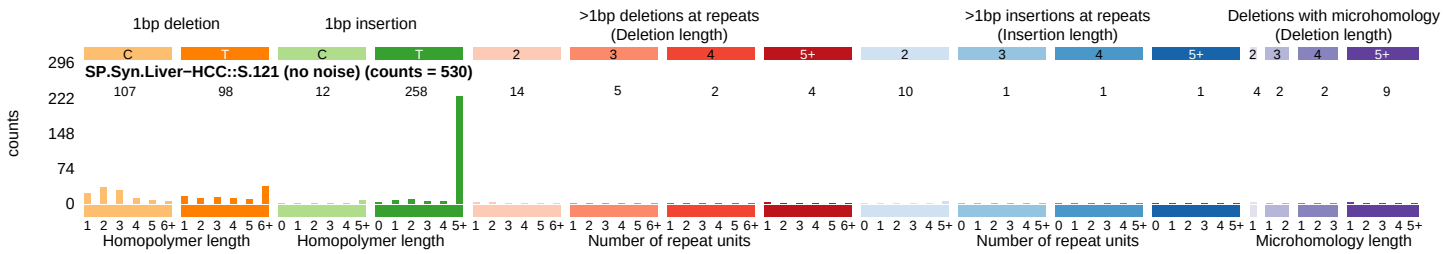

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.116 (no noise) (counts = 772)
205 129 14 260 27 9 6 28 14 2 2 3 8 5 4 56
counts
264 198 132 66 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

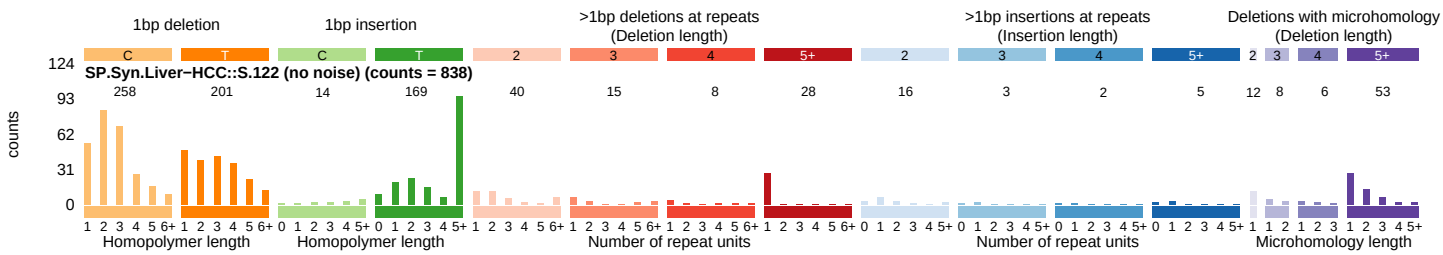

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.117 (no noise) (counts = 654)
96 97 13 288 18 8 5 32 12 2 1 3 6 5 4 64
counts
332 249 166 83 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

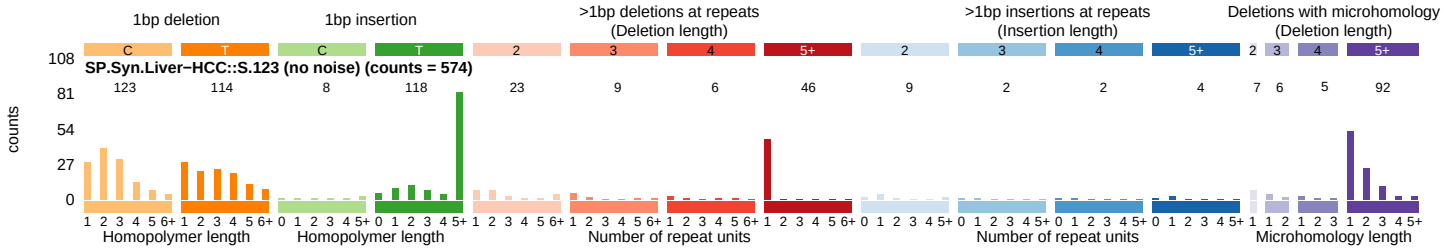

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.118 (no noise) (counts = 555)
100 166 9 186 25 9 6 5 14 3 2 3 8 6 5 8
counts
196 147 98 49 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

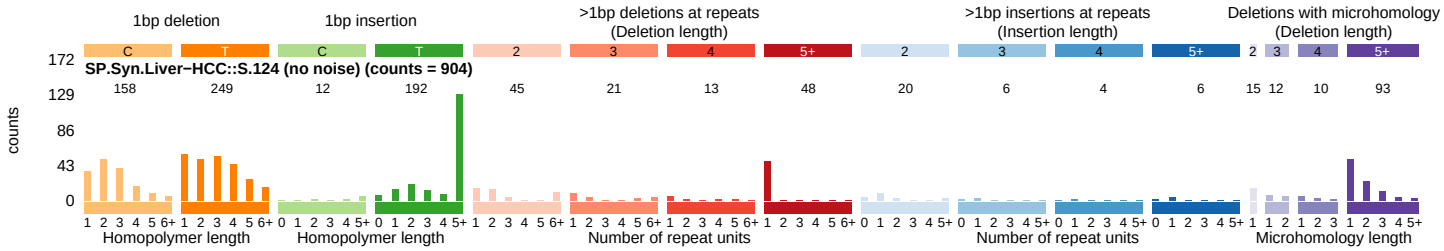

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.119 (no noise) (counts = 1011)
324 233 38 225 42 15 9 25 16 3 2 5 12 8 6 48
counts
132 99 66 33 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

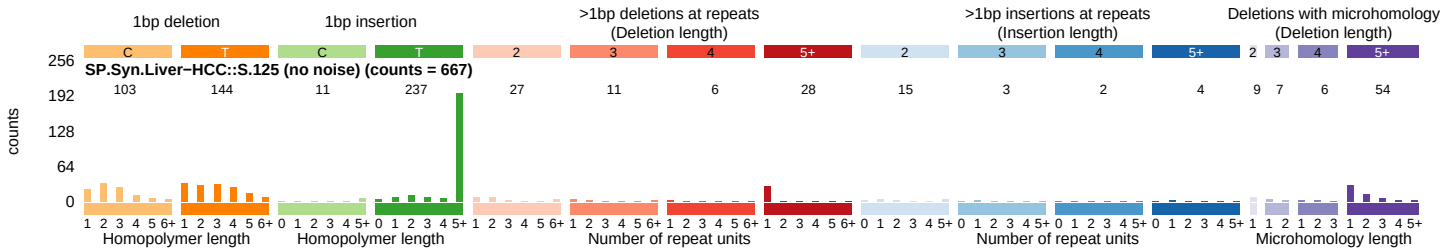

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.120 (no noise) (counts = 535)
125 100 10 180 20 7 5 20 9 2 1 3 6 5 4 38
counts
188 141 94 47 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

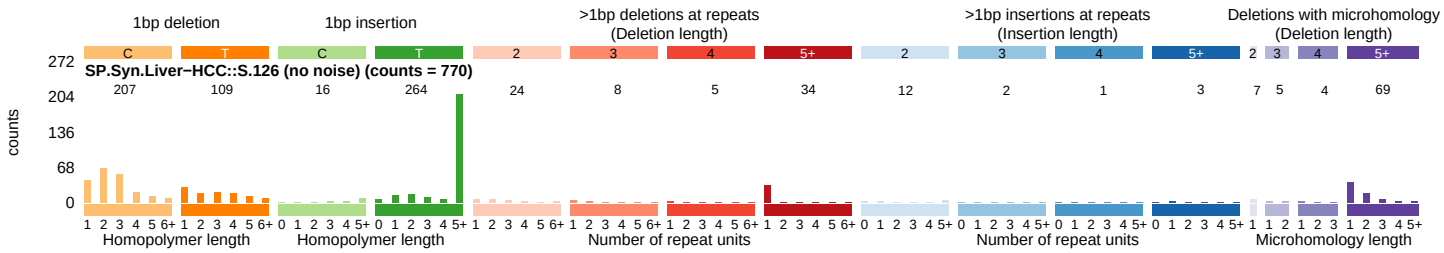

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.121 (no noise) (counts = 530)
107 98 12 258 14 5 2 4 10 1 1 1 4 2 2 9
counts
296 222 148 74 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

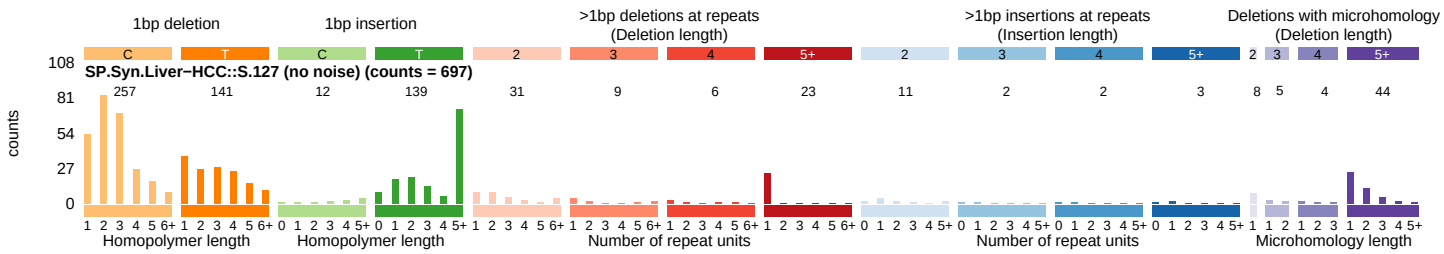

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.122 (no noise) (counts = 838)
258 201 14 169 40 15 8 28 16 3 2 5 12 8 6 53
counts
124 93 62 31 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

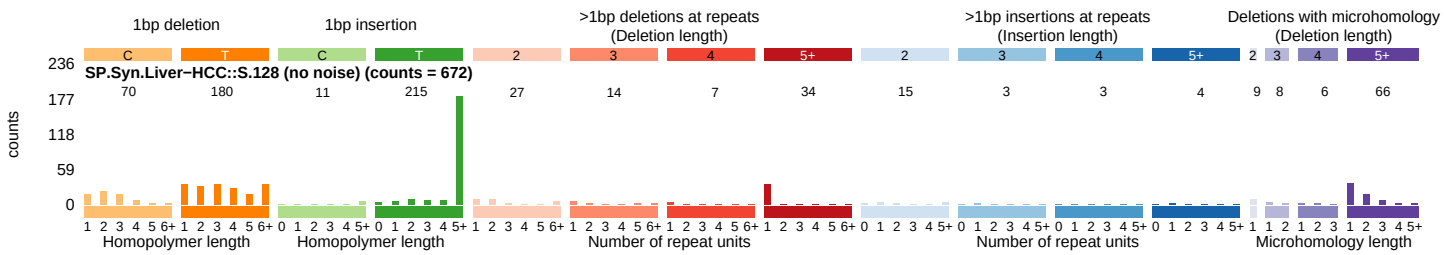

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.123 (no noise) (counts = 574)
123 114 8 118 23 9 6 46 9 2 2 4 7 6 5 92
counts
Homopolymer length
Number of repeat units
Microhomology length

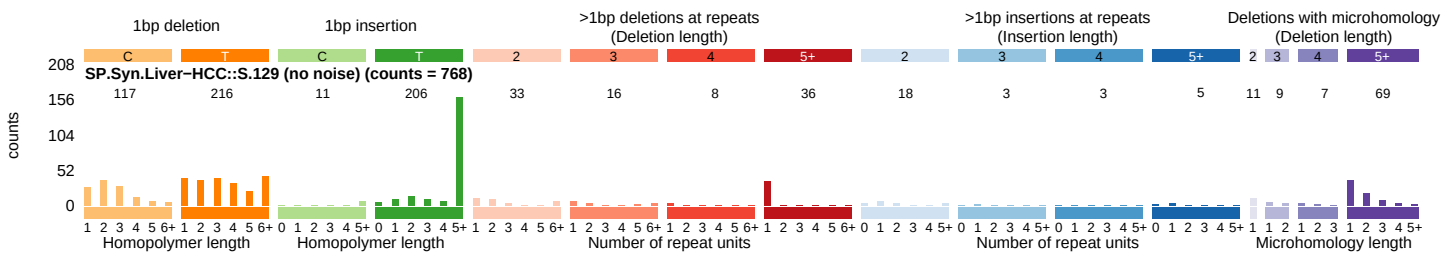

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.124 (no noise) (counts = 904)
158 249 12 192 45 21 13 48 20 6 4 6 15 12 10 93
counts
Homopolymer length
Number of repeat units
Microhomology length

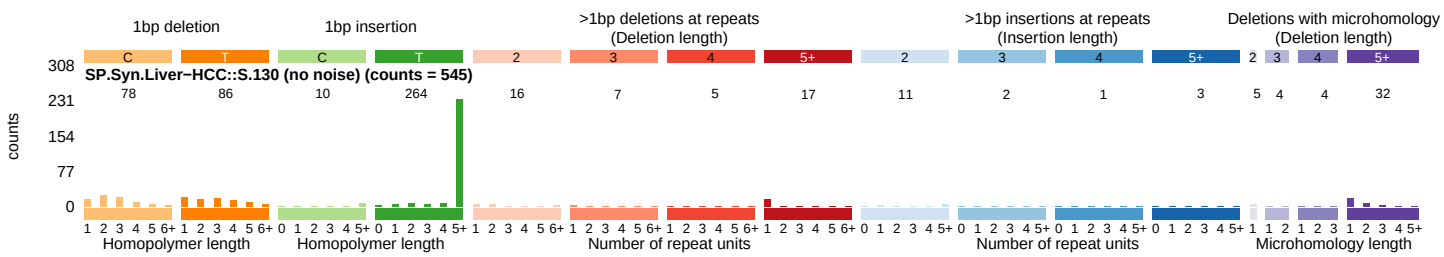

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.125 (no noise) (counts = 667)
103 144 11 237 27 11 6 28 15 3 2 4 9 7 6 54
counts
Homopolymer length
Number of repeat units
Microhomology length

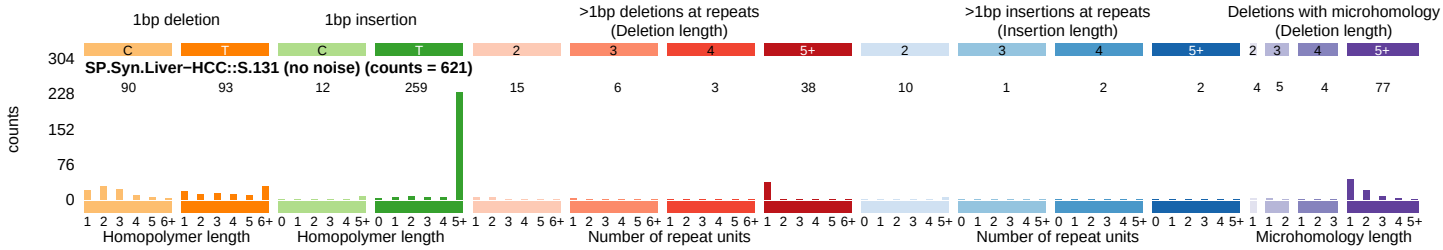

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.126 (no noise) (counts = 770)
207 109 16 264 24 8 5 34 12 2 1 3 7 5 4 69
counts
Homopolymer length
Number of repeat units
Microhomology length

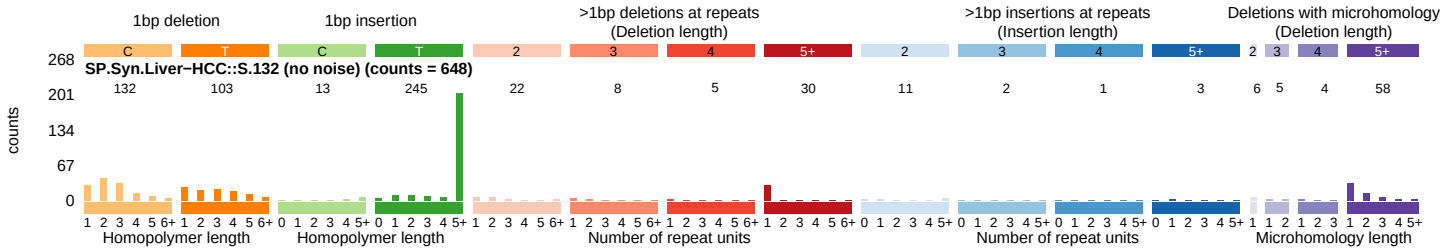

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.127 (no noise) (counts = 697)
257 141 12 139 31 9 6 23 11 2 2 3 8 5 4 44
counts
Homopolymer length
Number of repeat units
Microhomology length

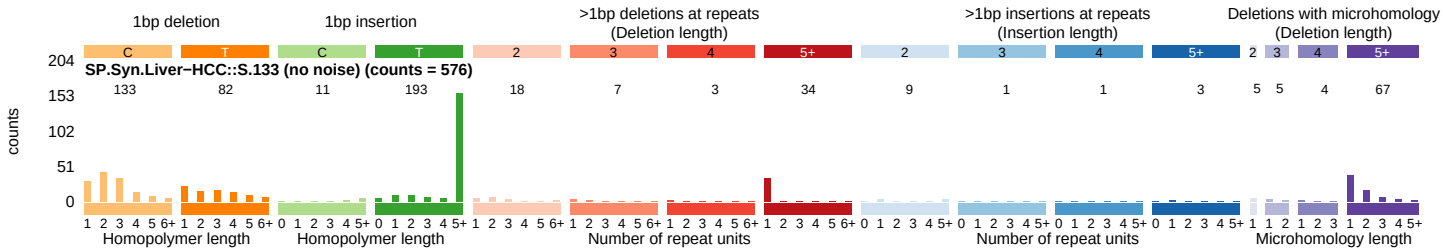

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.128 (no noise) (counts = 672)
70 180 11 215 27 14 7 34 15 3 3 4 9 8 6 66
counts
Homopolymer length
Number of repeat units
Microhomology length

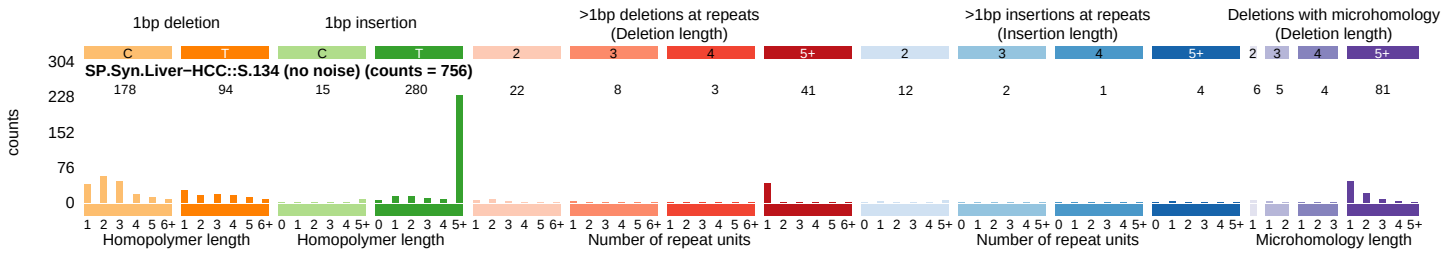

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.129 (no noise) (counts = 768)
117 216 11 206 33 16 8 36 18 3 3 5 11 9 7 69
counts
Homopolymer length
Number of repeat units
Microhomology length

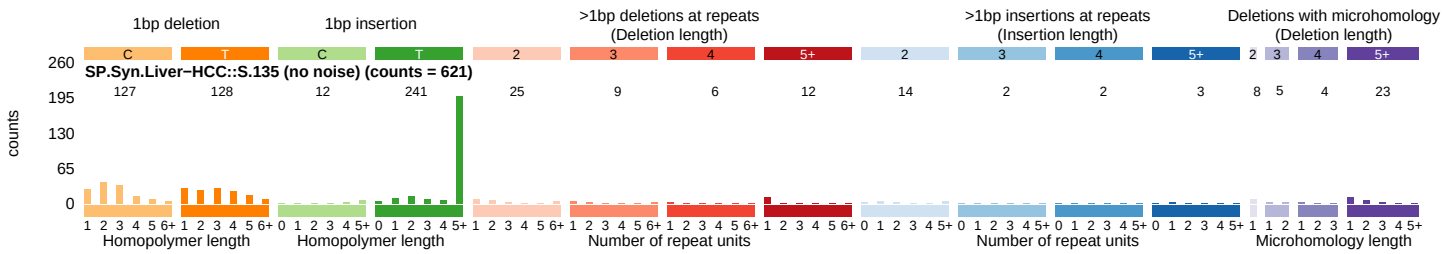

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.130 (no noise) (counts = 545)
78 86 10 264 16 7 5 17 11 2 1 3 5 4 4 32
counts
Homopolymer length
Number of repeat units
Microhomology length

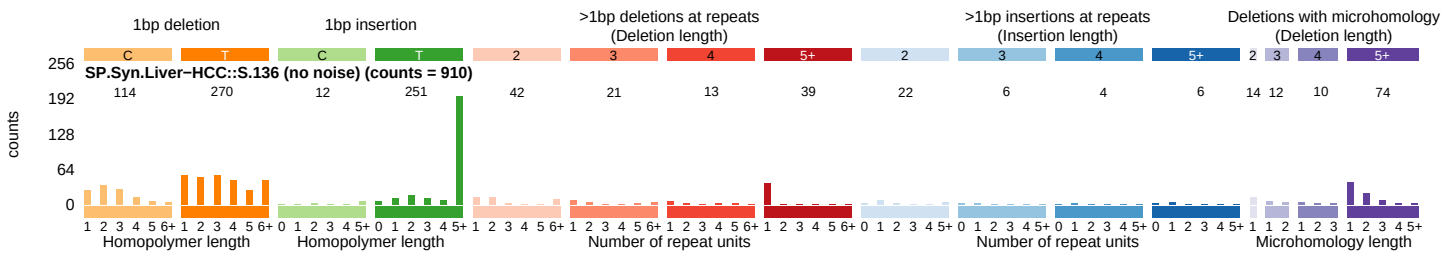

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.131 (no noise) (counts = 621)
90 93 12 259 15 6 3 38 10 1 2 2 4 5 4 77
counts
Homopolymer length
Number of repeat units
Microhomology length

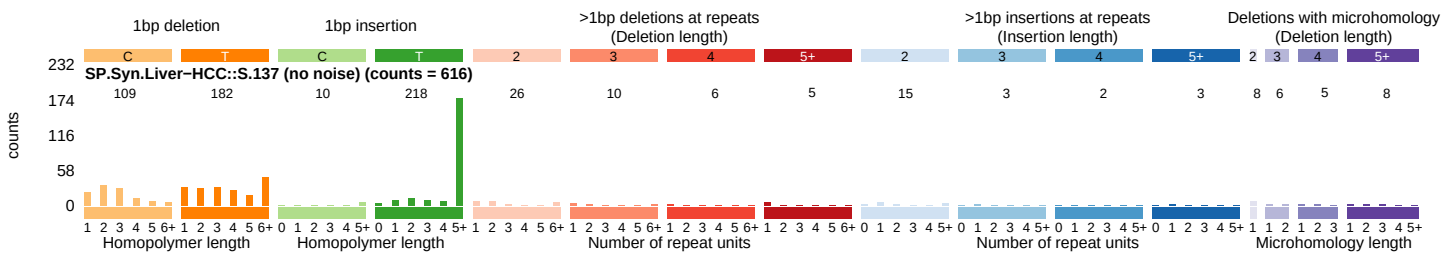

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.132 (no noise) (counts = 648)
132 103 13 245 22 8 5 30 11 2 1 3 6 5 4 58
counts
Homopolymer length
Number of repeat units
Microhomology length

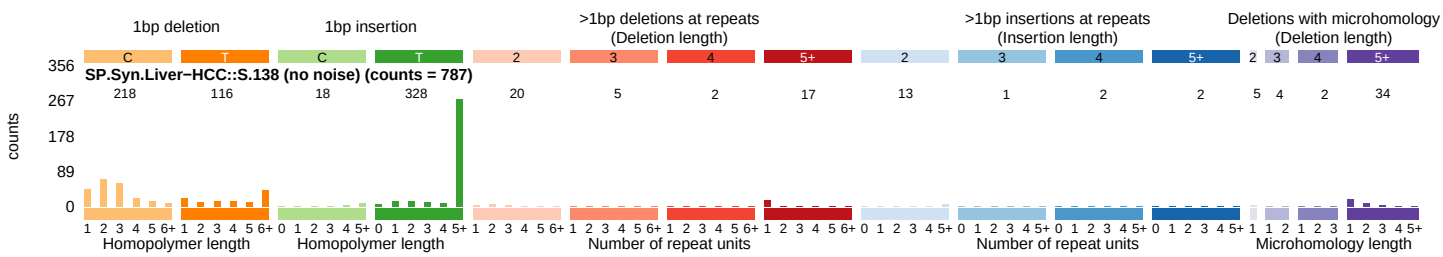

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.133 (no noise) (counts = 576)
133 82 11 193 18 7 3 34 9 1 1 3 5 5 4 67
counts
Homopolymer length
Number of repeat units
Microhomology length

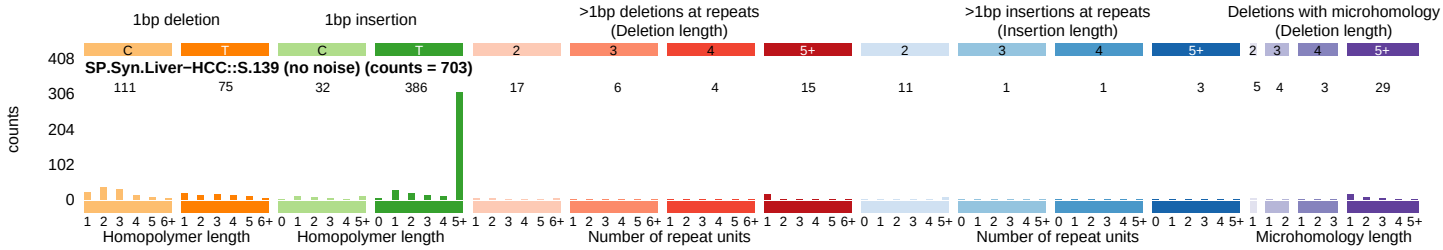

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.134 (no noise) (counts = 756)
178 94 15 280 22 8 3 41 12 2 1 4 6 5 4 81
counts
Homopolymer length
Number of repeat units
Microhomology length

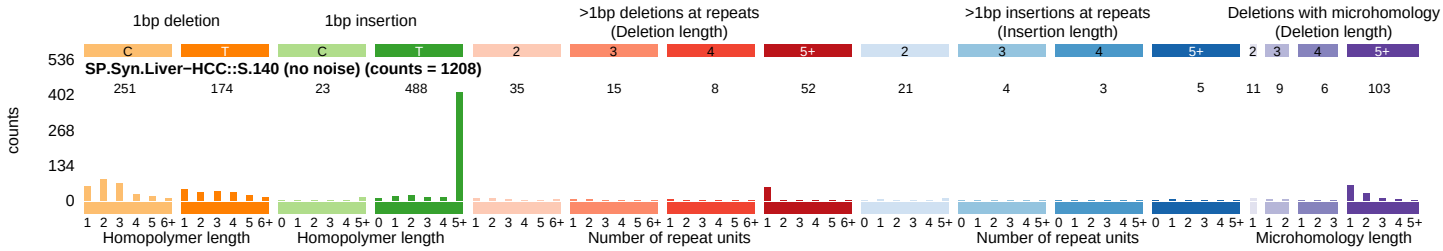

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.135 (no noise) (counts = 621)
127 128 12 241 25 9 6 12 14 2 2 3 8 5 4 23
counts
Homopolymer length
Number of repeat units
Microhomology length

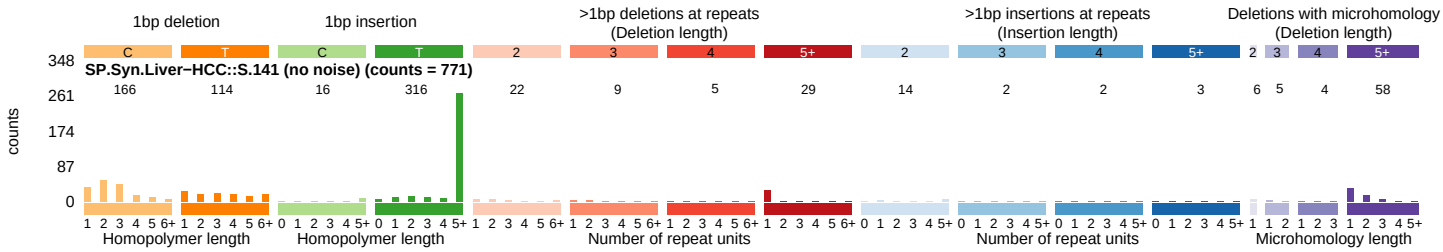

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.136 (no noise) (counts = 910)
114 270 12 251 42 21 13 39 22 6 4 6 14 12 10 74
counts
Homopolymer length
Number of repeat units
Microhomology length

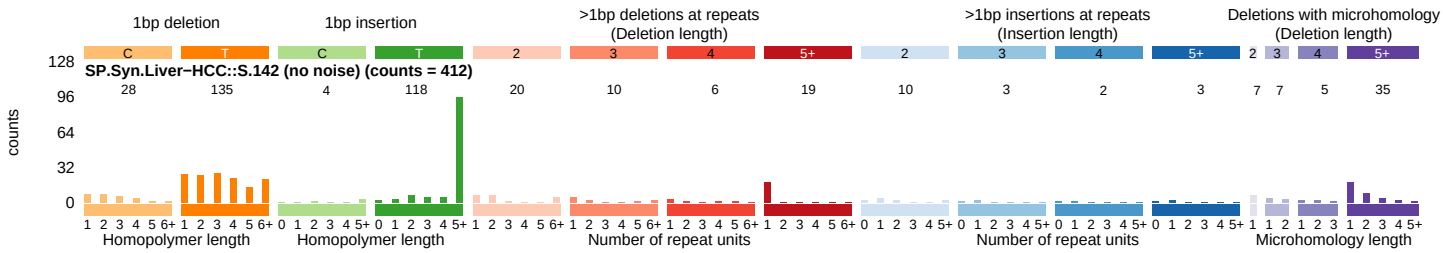

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.137 (no noise) (counts = 616)
109 182 10 218 26 10 6 5 15 3 2 3 8 6 5 8
counts
Homopolymer length
Number of repeat units
Microhomology length

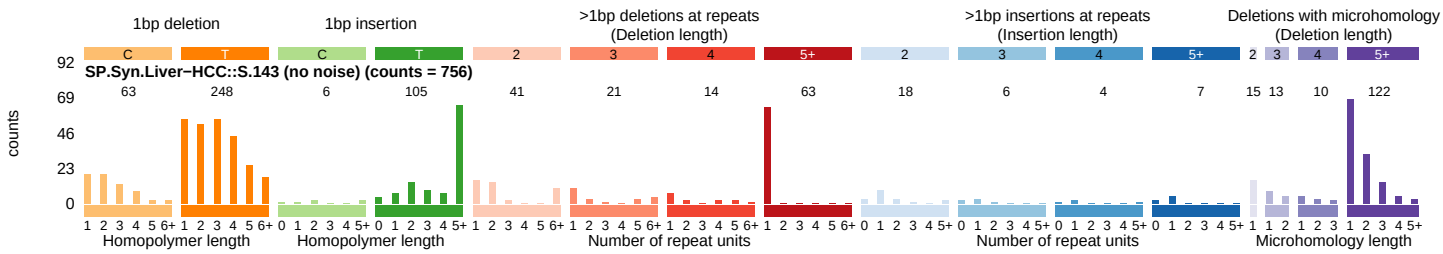

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.138 (no noise) (counts = 787)
218 116 18 328 20 5 2 17 13 1 2 2 5 4 2 34
counts
Homopolymer length
Number of repeat units
Microhomology length

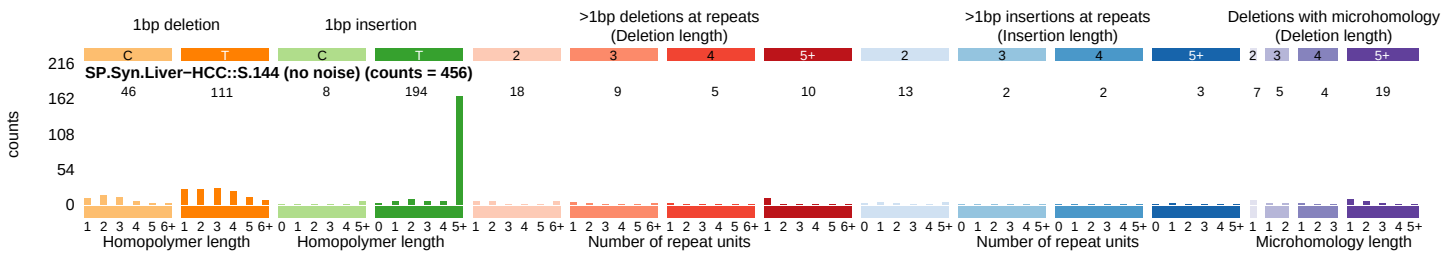

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.139 (no noise) (counts = 703)
111 75 32 386 17 6 4 15 11 1 1 3 5 4 3 29
counts
Homopolymer length
Number of repeat units
Microhomology length

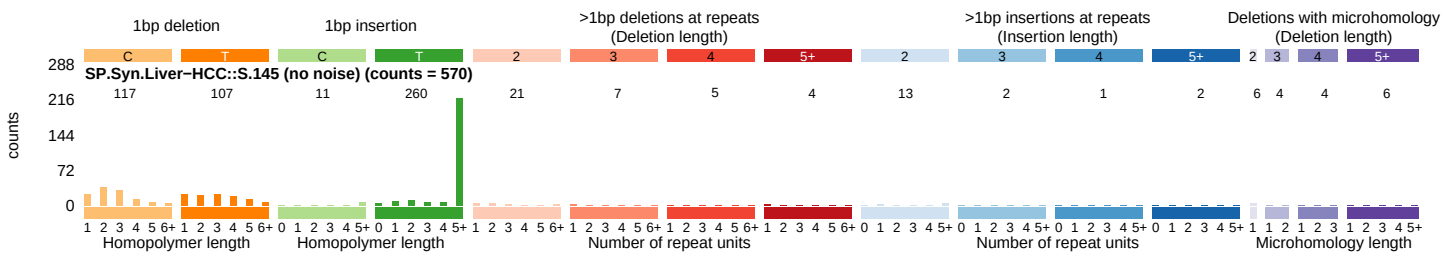

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.140 (no noise) (counts = 1208)
251 174 23 488 35 15 8 52 21 4 3 5 11 9 6 103
counts
Homopolymer length
Number of repeat units
Microhomology length

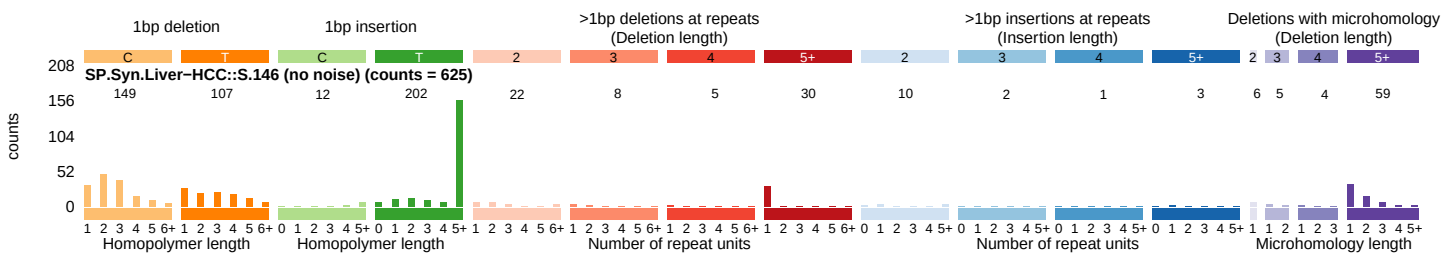

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.141 (no noise) (counts = 771)
166 114 16 316 22 9 5 29 14 2 2 3 6 5 4 58
counts
Homopolymer length
Number of repeat units
Microhomology length

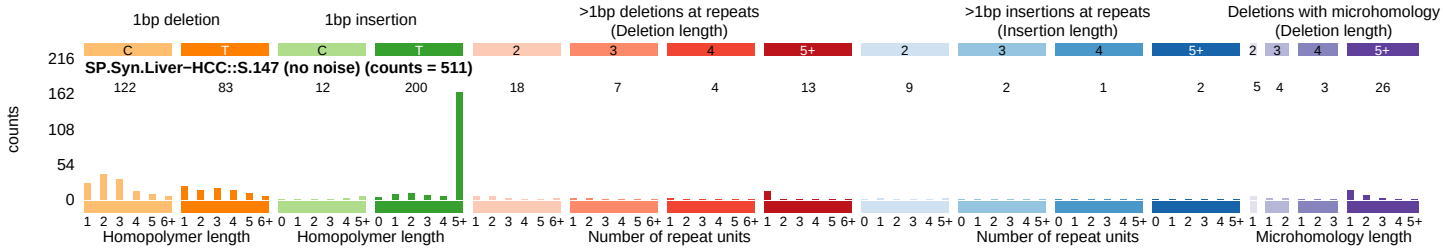

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.142 (no noise) (counts = 412)
28 135 4 118 20 10 6 19 10 3 2 3 7 7 5 35
counts
Homopolymer length
Number of repeat units
Microhomology length

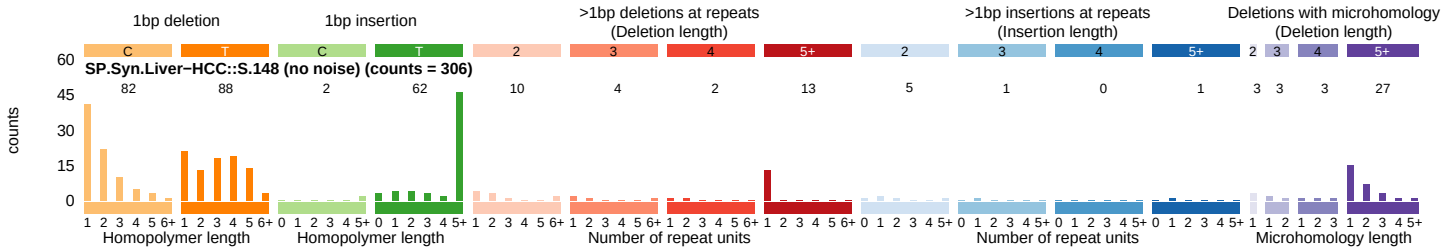

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.143 (no noise) (counts = 756)
63 248 6 105 41 21 14 63 18 6 4 7 15 13 10 122
counts
Homopolymer length
Number of repeat units
Microhomology length

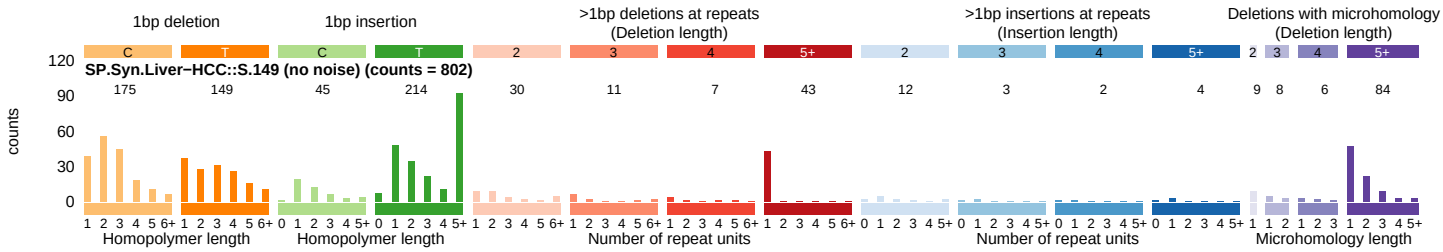

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.144 (no noise) (counts = 456)
46 111 8 194 18 9 5 10 13 2 2 3 7 5 4 19
counts
Homopolymer length
Number of repeat units
Microhomology length

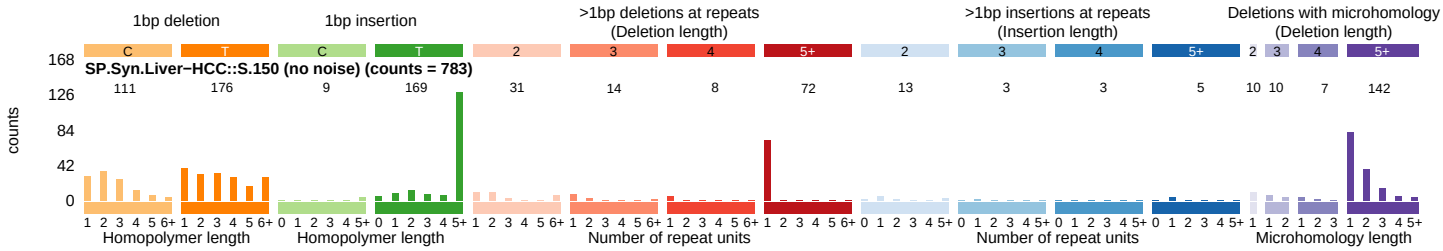

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.145 (no noise) (counts = 570)
117 107 11 260 21 7 5 4 13 2 1 2 6 4 4 6
counts
Homopolymer length
Number of repeat units
Microhomology length

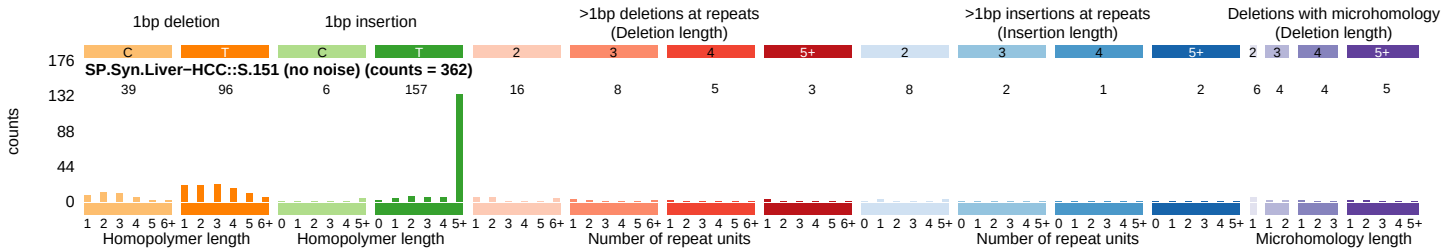

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.146 (no noise) (counts = 625)
149 107 12 202 22 8 5 30 10 2 1 3 6 5 4 59
counts
Homopolymer length
Number of repeat units
Microhomology length

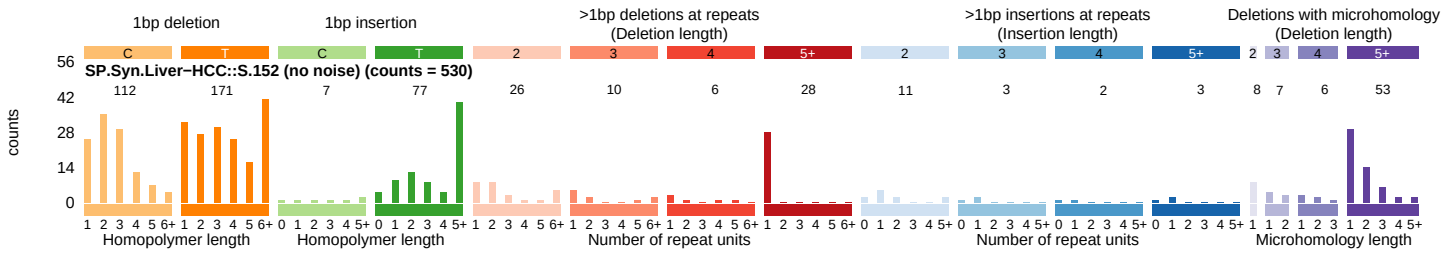

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.147 (no noise) (counts = 511)
counts
Homopolymer length
Number of repeat units
Microhomology length

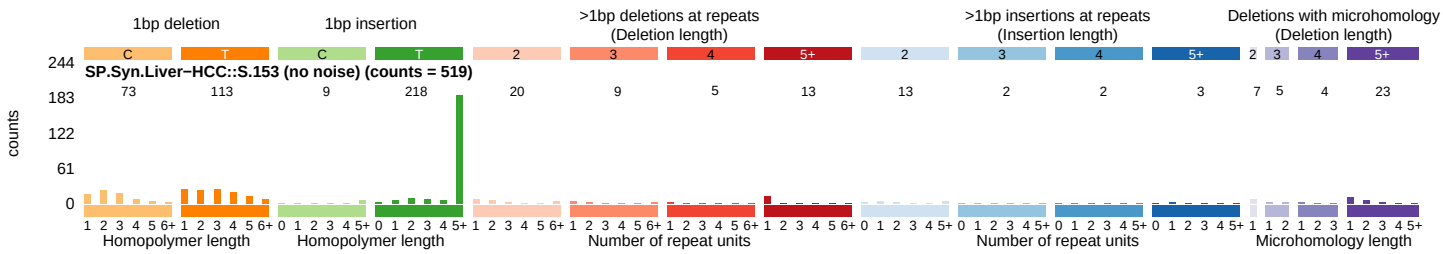

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.148 (no noise) (counts = 306)
counts
Homopolymer length
Number of repeat units
Microhomology length

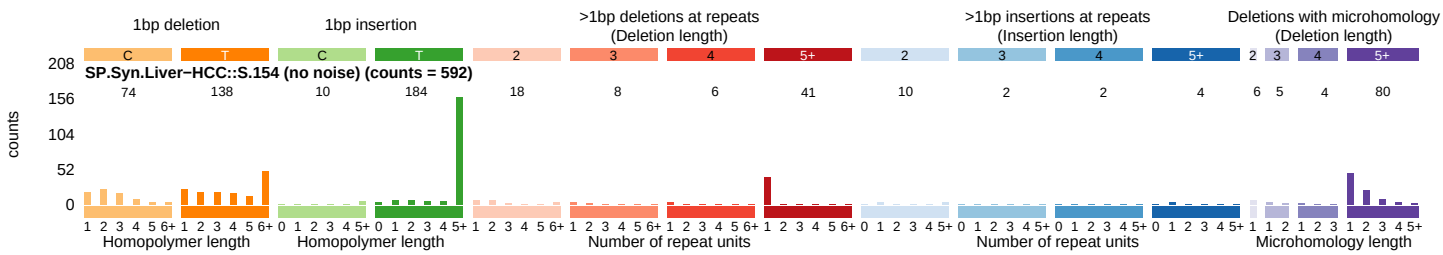

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.149 (no noise) (counts = 802)
counts
Homopolymer length
Number of repeat units
Microhomology length

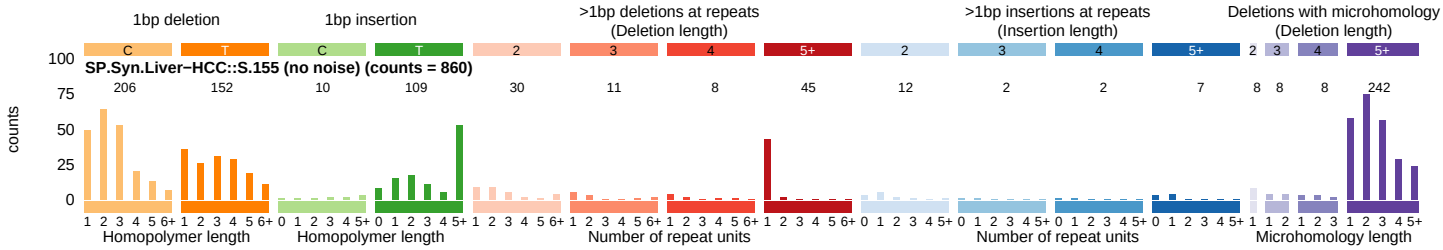

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.150 (no noise) (counts = 783)
counts
Homopolymer length
Number of repeat units
Microhomology length

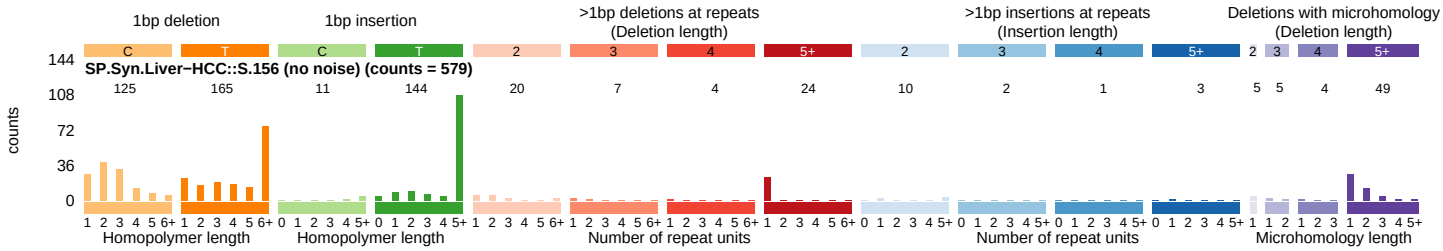

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.151 (no noise) (counts = 362)
counts
Homopolymer length
Number of repeat units
Microhomology length

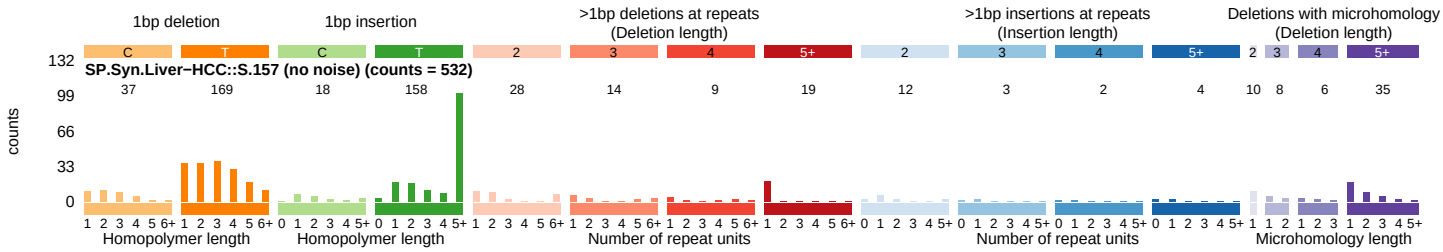

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.152 (no noise) (counts = 530)
counts
Homopolymer length
Number of repeat units
Microhomology length

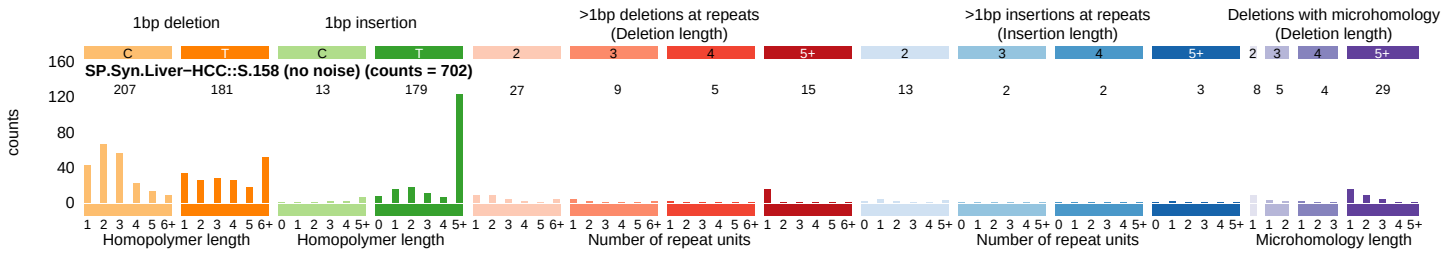

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.153 (no noise) (counts = 519)
counts
Homopolymer length
Number of repeat units
Microhomology length

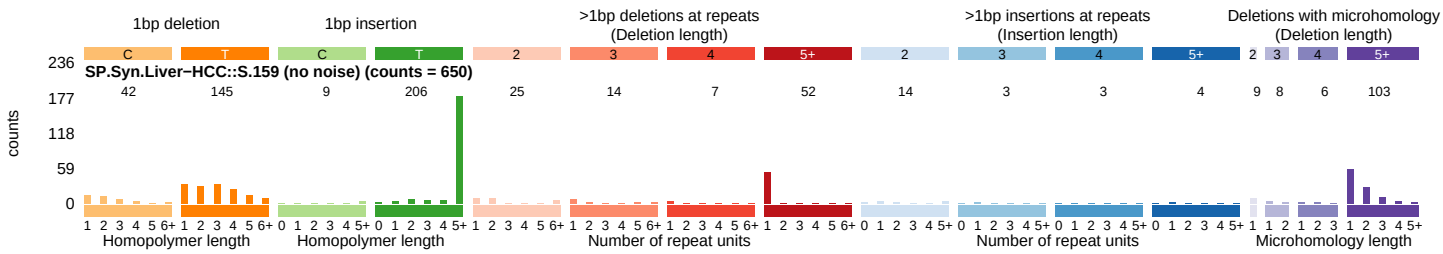

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.154 (no noise) (counts = 592)
counts
Homopolymer length
Number of repeat units
Microhomology length

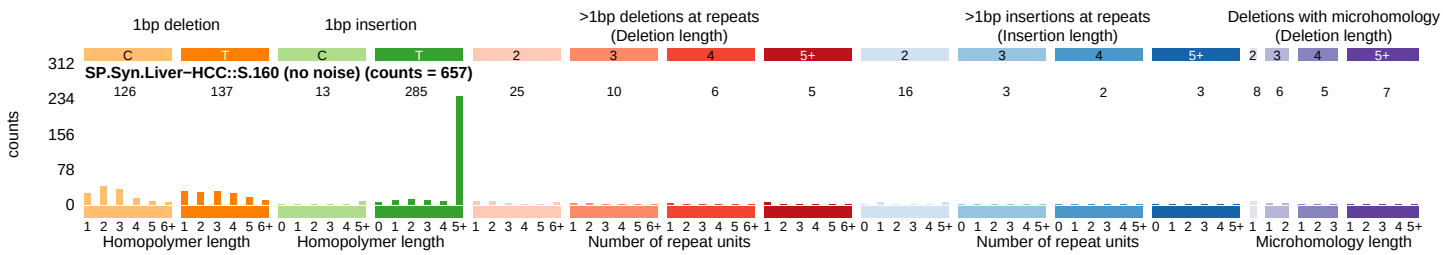

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.155 (no noise) (counts = 860)
206 152 10 109 30 11 8 45 12 2 2 7 8 8 8 242
counts
Homopolymer length
Number of repeat units
Microhomology length

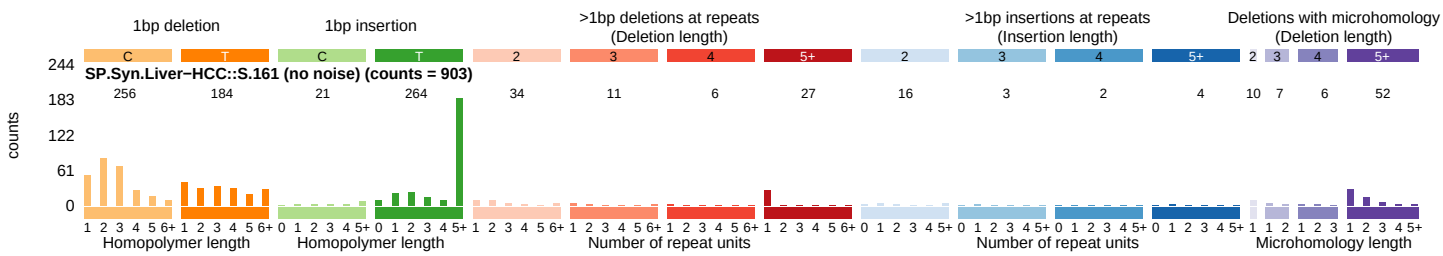

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.156 (no noise) (counts = 579)
125 165 11 144 20 7 4 24 10 2 1 3 5 5 4 49
counts
Homopolymer length
Number of repeat units
Microhomology length

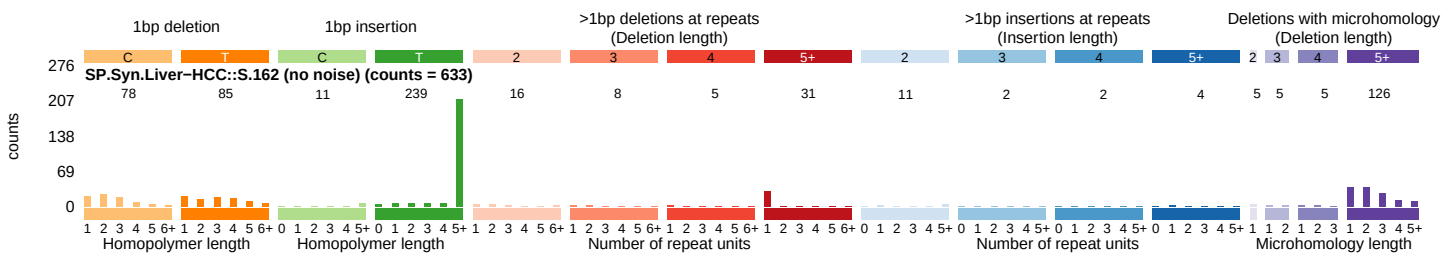

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.157 (no noise) (counts = 532)
37 169 18 158 28 14 9 19 12 3 2 4 10 8 6 35
counts
Homopolymer length
Number of repeat units
Microhomology length

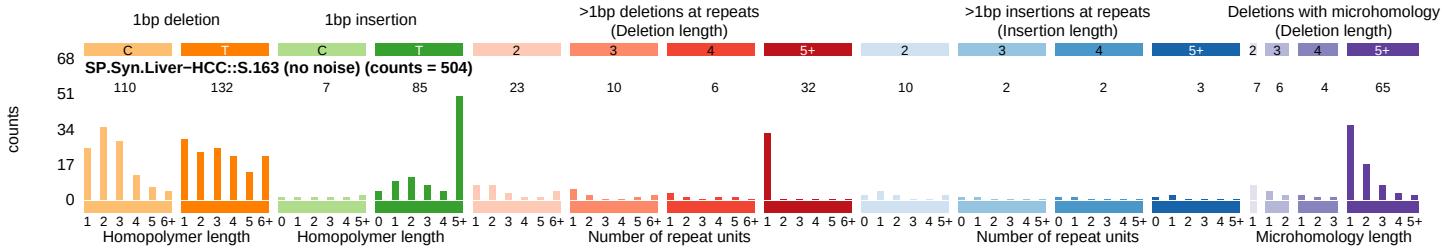

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.158 (no noise) (counts = 702)
207 181 13 179 27 9 5 15 13 2 2 3 8 5 4 29
counts
Homopolymer length
Number of repeat units
Microhomology length

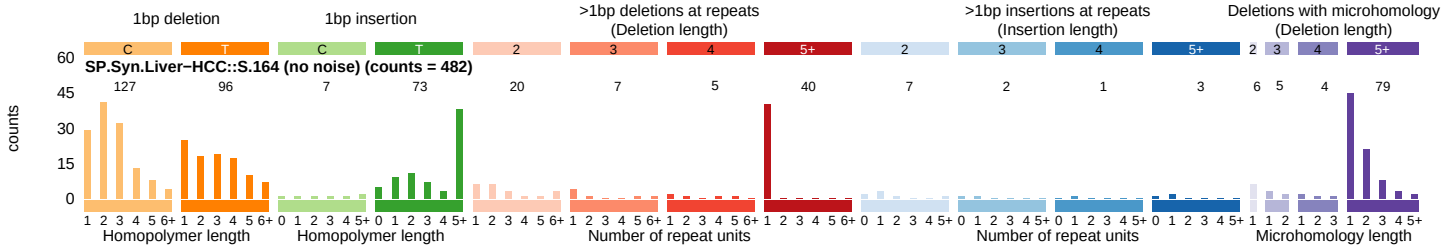

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.159 (no noise) (counts = 650)
42 145 9 206 25 14 7 52 14 3 3 4 9 8 6 103
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.160 (no noise) (counts = 657)
126 137 13 285 25 10 6 5 16 3 2 3 8 6 5 7
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.161 (no noise) (counts = 903)
256 184 21 264 34 11 6 27 16 3 2 4 10 7 6 52
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.162 (no noise) (counts = 633)
78 85 11 239 16 8 5 31 11 2 2 4 5 5 5 126
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.163 (no noise) (counts = 504)
110 132 7 85 23 10 6 32 10 2 2 3 7 6 4 65
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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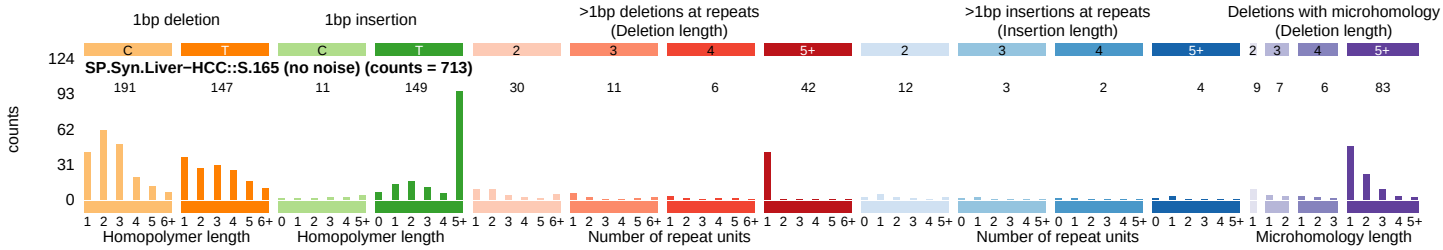
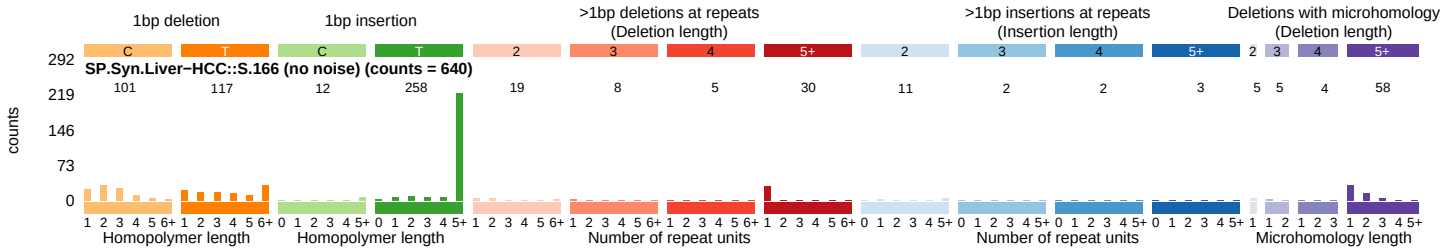
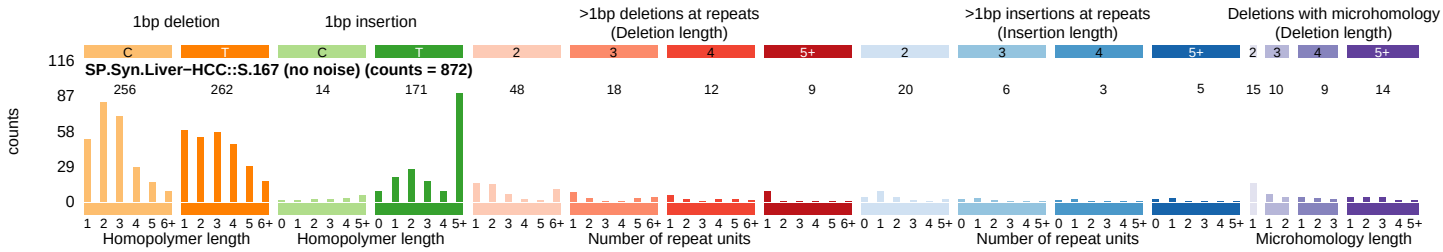
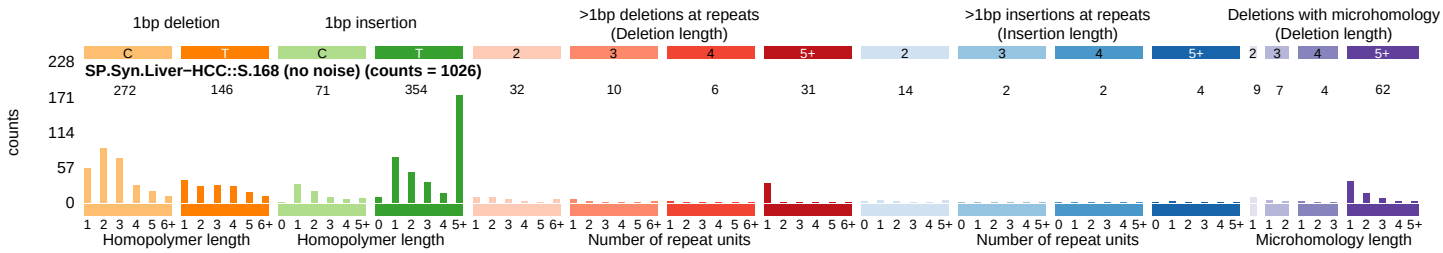
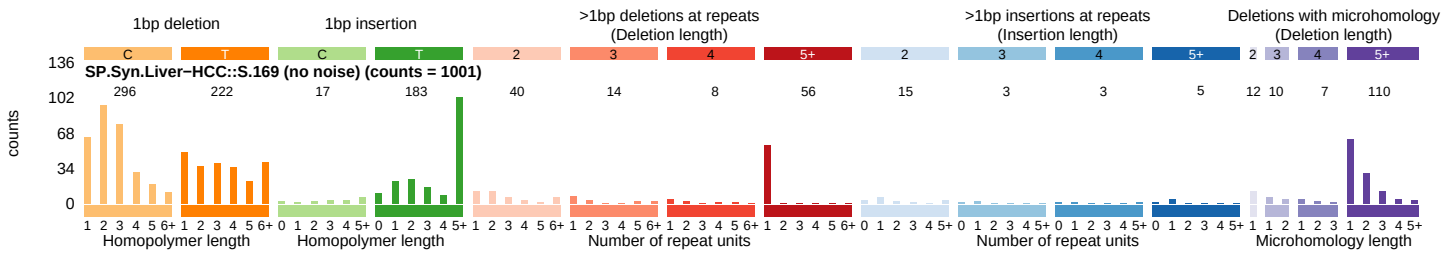
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.164 (no noise) (counts = 482)
127 96 7 73 20 7 5 40 7 2 1 3 6 5 4 79
counts
Homopolymer length
Number of repeat units
Microhomology length

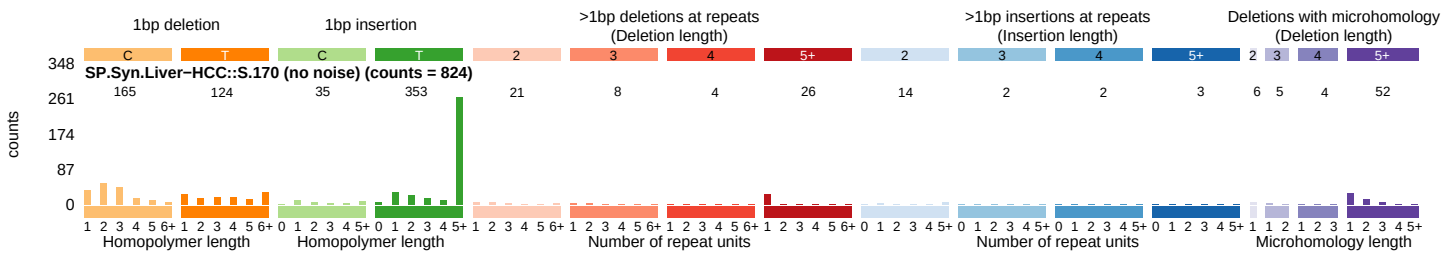

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.165 (no noise) (counts = 713)
191 147 11 149 30 11 6 42 12 3 2 4 9 7 6 83
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.166 (no noise) (counts = 640)
101 117 12 258 19 8 5 30 11 2 2 3 5 5 4 58
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.167 (no noise) (counts = 872)
256 262 14 171 48 18 12 9 20 6 3 5 15 10 9 14
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.168 (no noise) (counts = 1026)
272 146 71 354 32 10 6 31 14 2 2 4 9 7 4 62
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.169 (no noise) (counts = 1001)
296 222 17 183 40 14 8 56 15 3 3 5 12 10 7 110
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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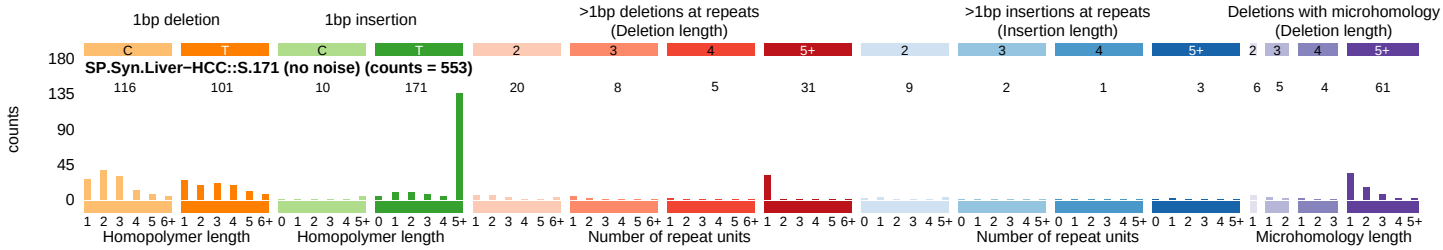
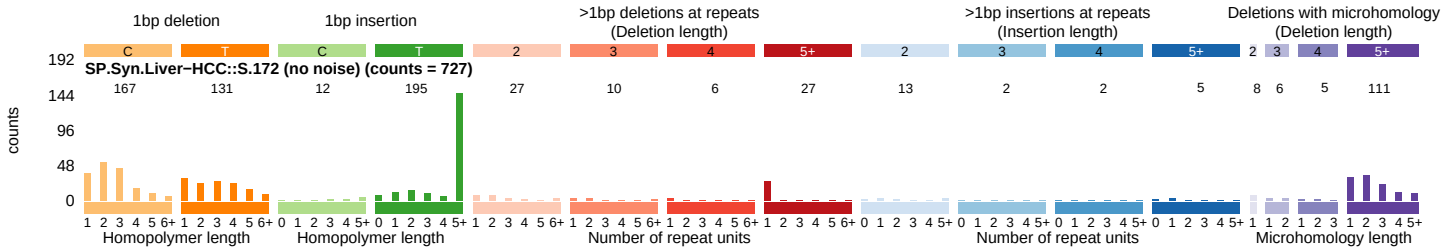
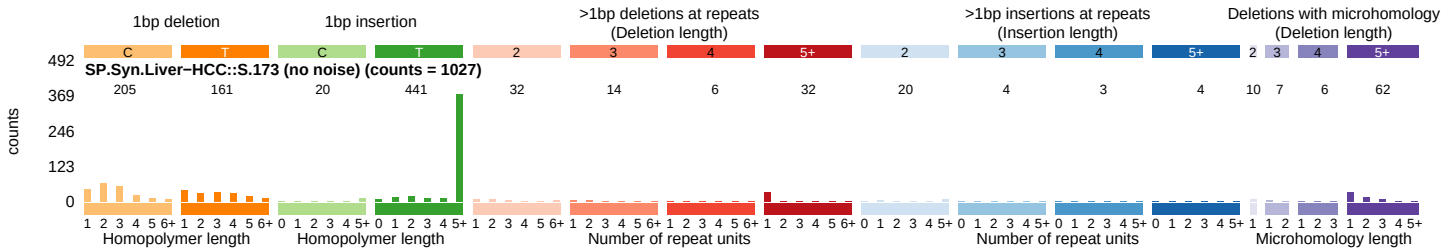
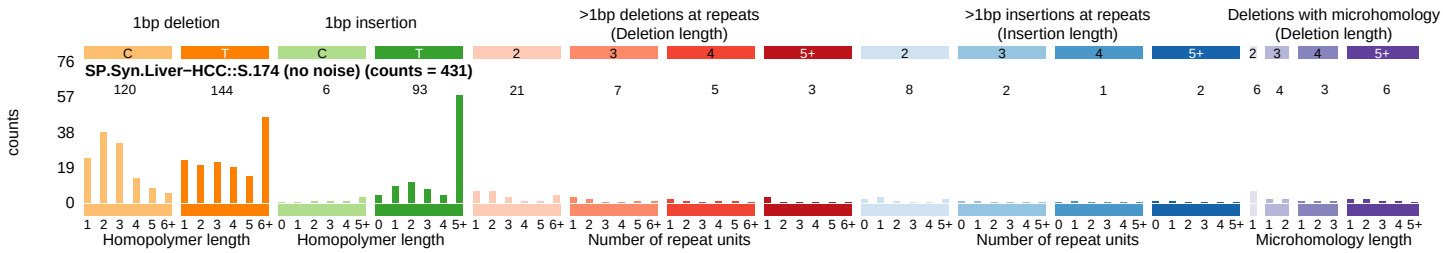
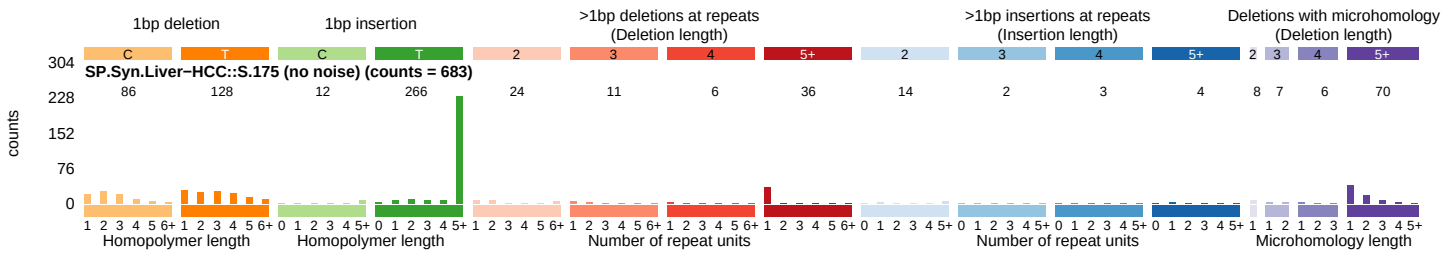
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.170 (no noise) (counts = 824)
165 124 35 353 21 8 4 26 14 2 2 3 6 5 4 52
counts
Homopolymer length
Number of repeat units
Microhomology length

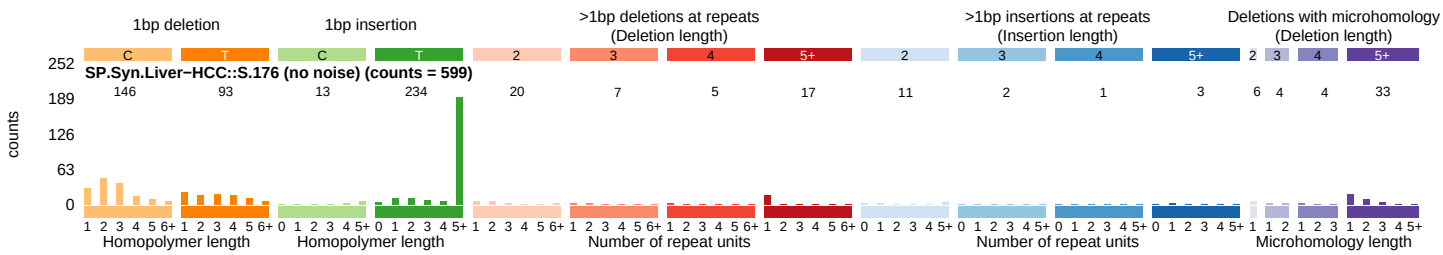

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.171 (no noise) (counts = 553)
116 101 10 171 20 8 5 31 9 2 1 3 6 5 4 61
counts
Homopolymer length
Number of repeat units
Microhomology length

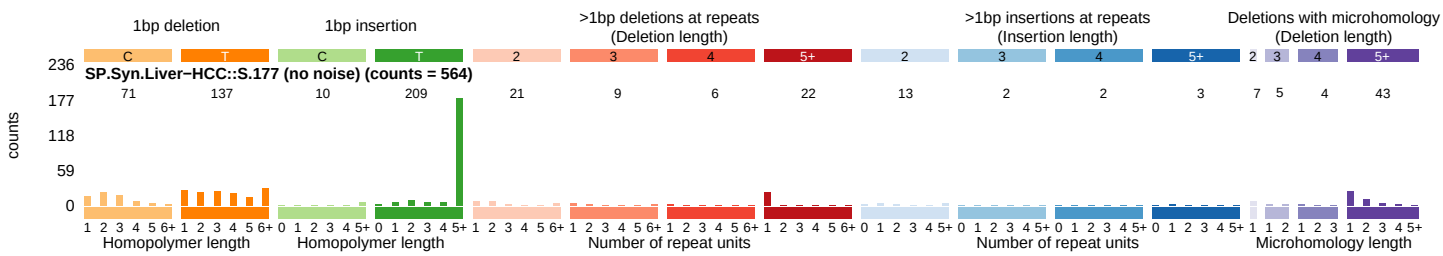

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.172 (no noise) (counts = 727)
167 131 12 195 27 10 6 27 13 2 2 5 8 6 5 111
counts
Homopolymer length
Number of repeat units
Microhomology length

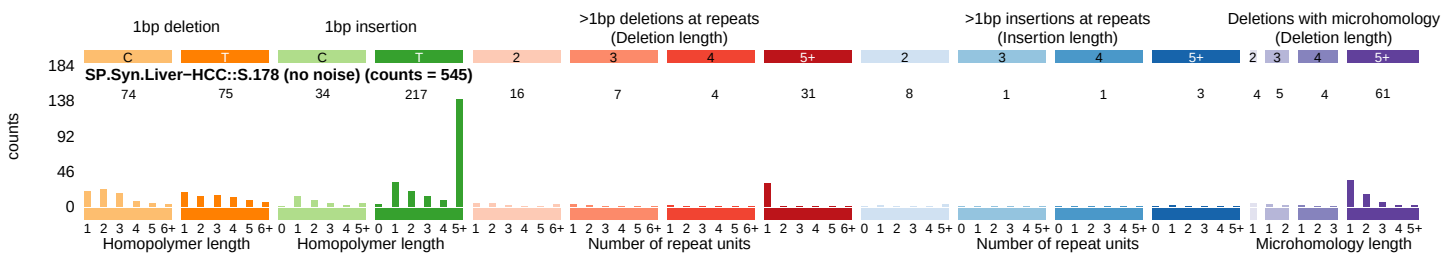

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.173 (no noise) (counts = 1027)
205 161 20 441 32 14 6 32 20 4 3 4 10 7 6 62
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.174 (no noise) (counts = 431)
120 144 6 93 21 7 5 3 8 2 1 2 6 4 3 6
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.175 (no noise) (counts = 683)
86 128 12 266 24 11 6 36 14 2 3 4 8 7 6 70
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.176 (no noise) (counts = 599)
146 93 13 234 20 7 5 17 11 2 1 3 6 4 4 33
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.177 (no noise) (counts = 564)
71 137 10 209 21 9 6 22 13 2 2 3 7 5 4 43
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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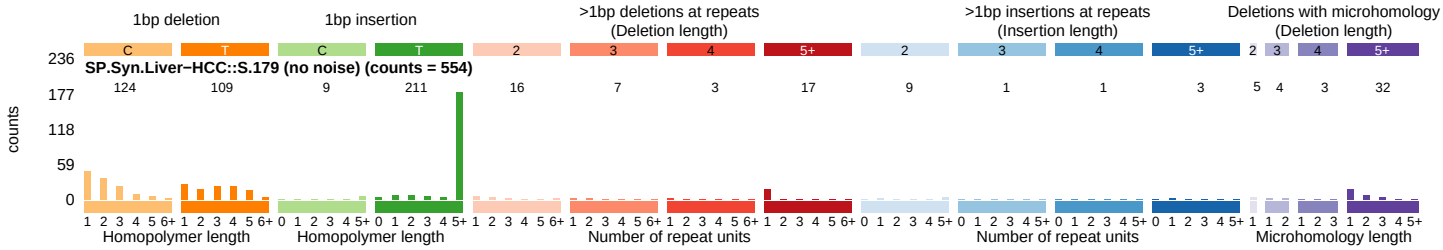
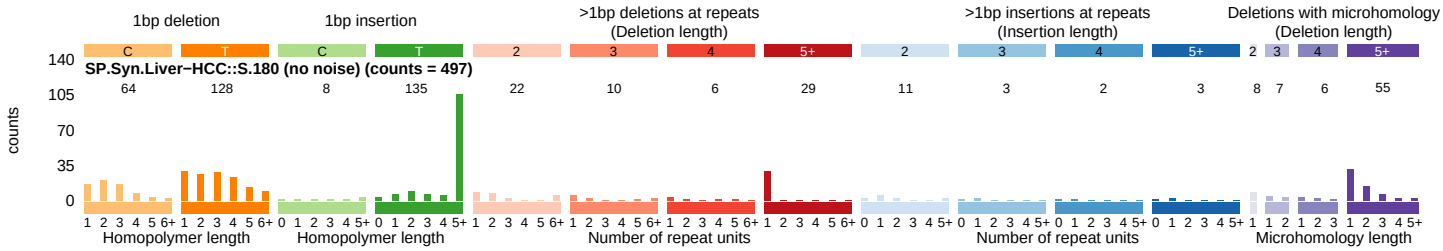
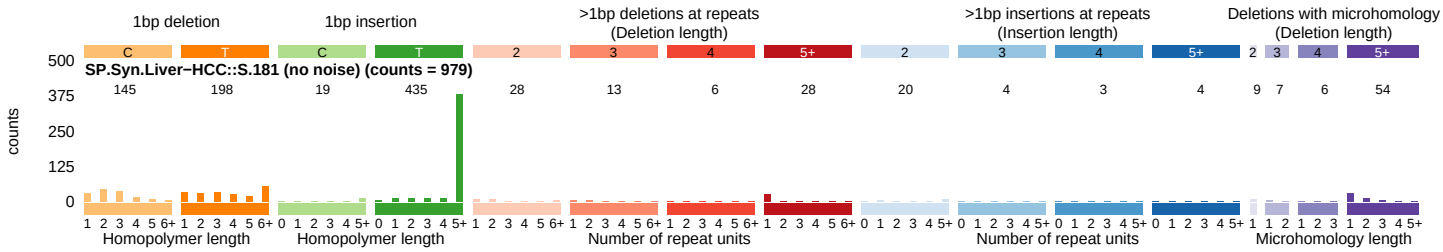
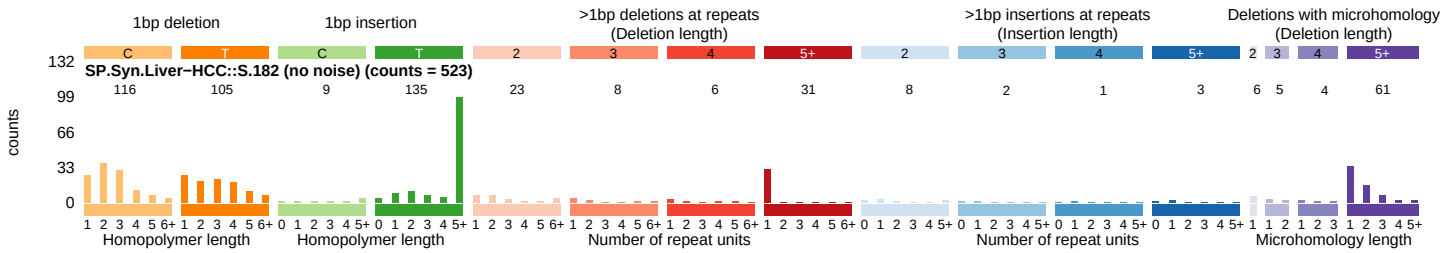
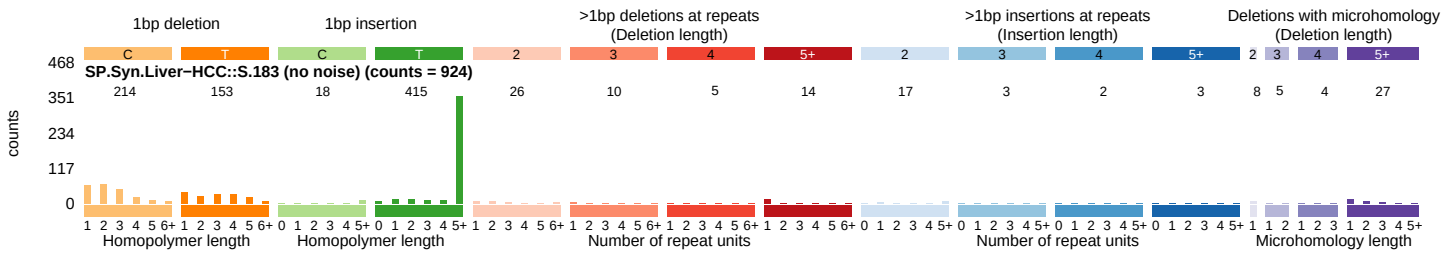
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.178 (no noise) (counts = 545)
74 75 34 217 16 7 4 31 8 1 1 3 4 5 4 61
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.179 (no noise) (counts = 554)
124 109 9 211 16 7 3 17 9 1 1 3 5 4 3 32
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.180 (no noise) (counts = 497)
64 128 8 135 22 10 6 29 11 3 2 3 8 7 6 55
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.181 (no noise) (counts = 979)
145 198 19 435 28 13 6 28 20 4 3 4 9 7 6 54
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.182 (no noise) (counts = 523)
116 105 9 135 23 8 6 31 8 2 1 3 6 5 4 61
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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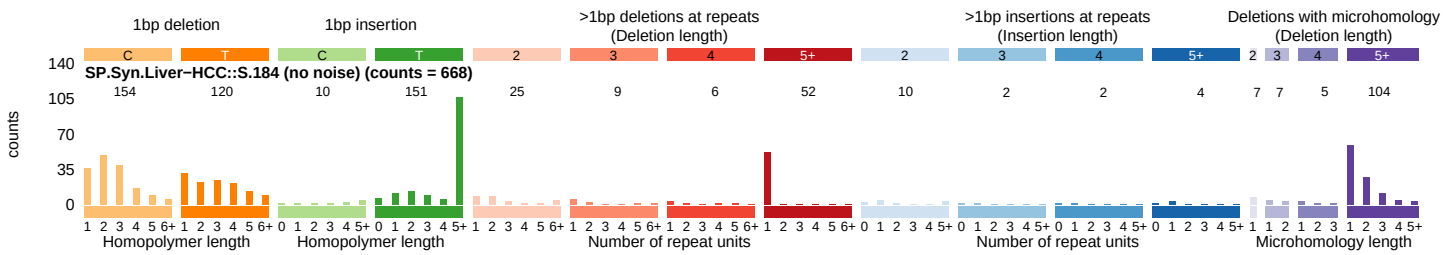
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.183 (no noise) (counts = 924)
214 153 18 415 26 10 5 14 17 3 2 3 8 5 4 27
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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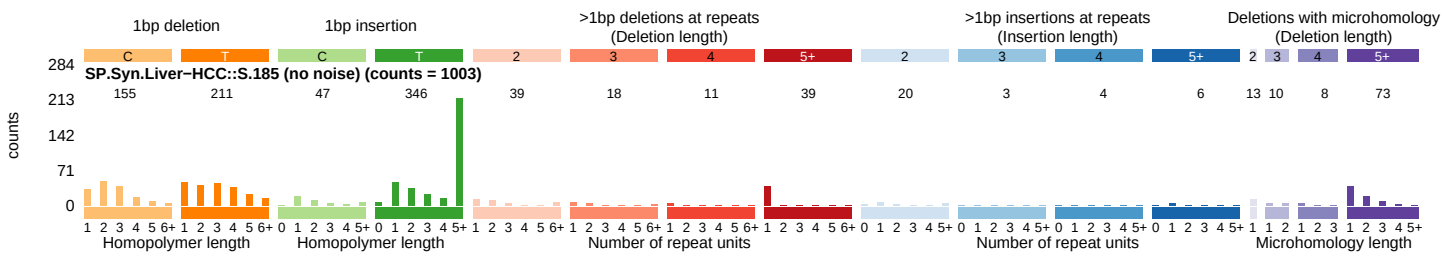
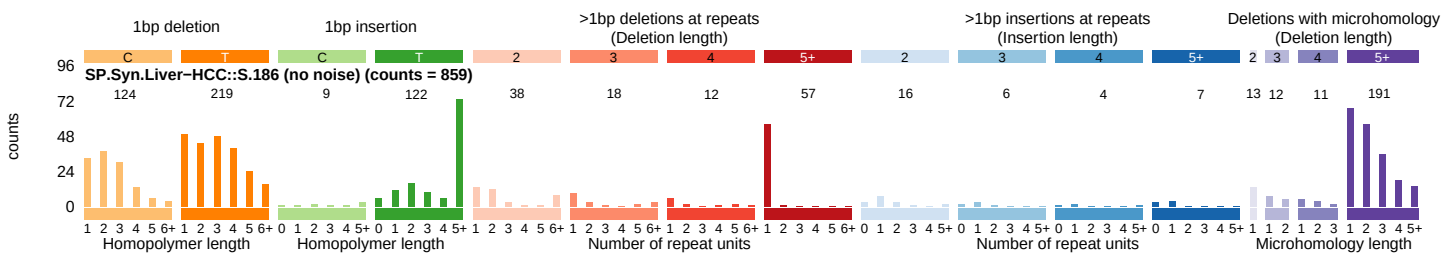
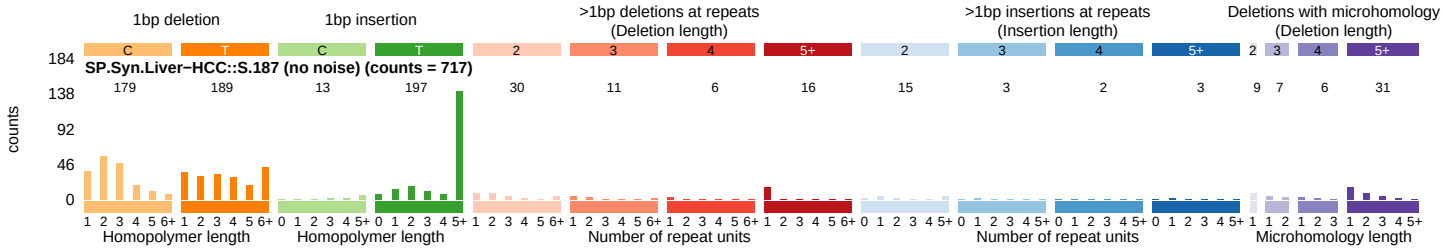
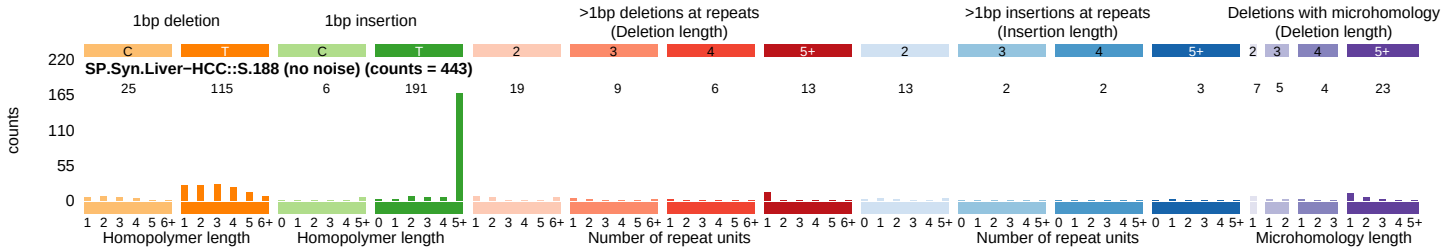
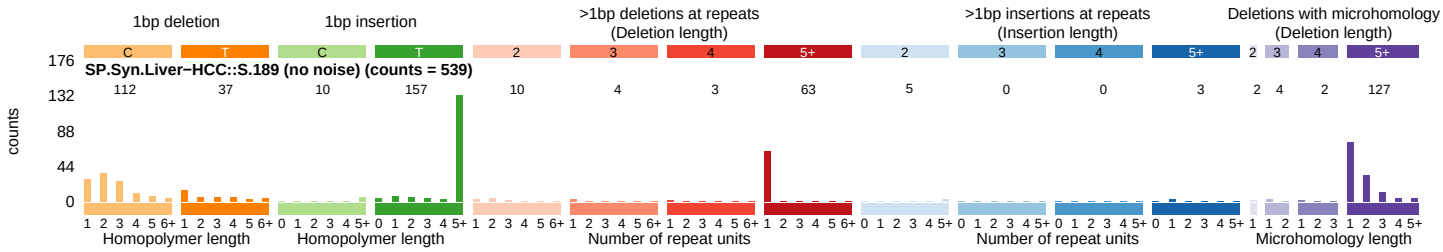
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.184 (no noise) (counts = 668)
154 120 10 151 25 9 6 52 10 2 2 4 7 7 5 104
counts
Homopolymer length
Number of repeat units
Microhomology length

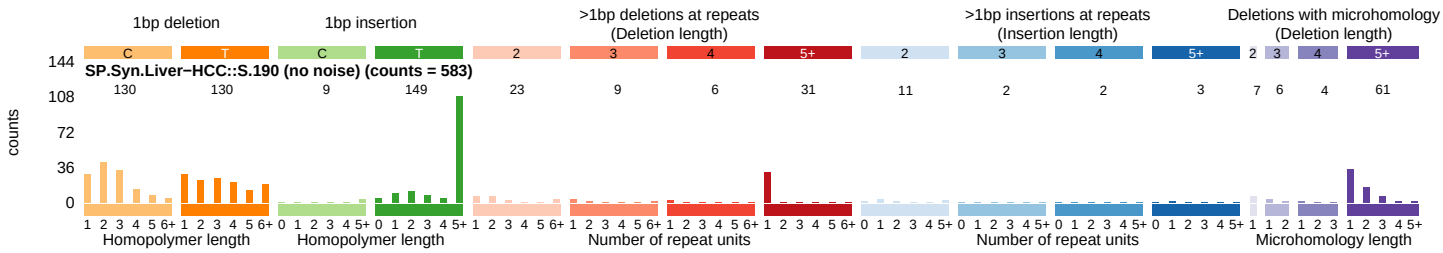

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.185 (no noise) (counts = 1003)
155 211 47 346 39 18 11 39 20 3 4 6 13 10 8 73
counts
Homopolymer length
Number of repeat units
Microhomology length

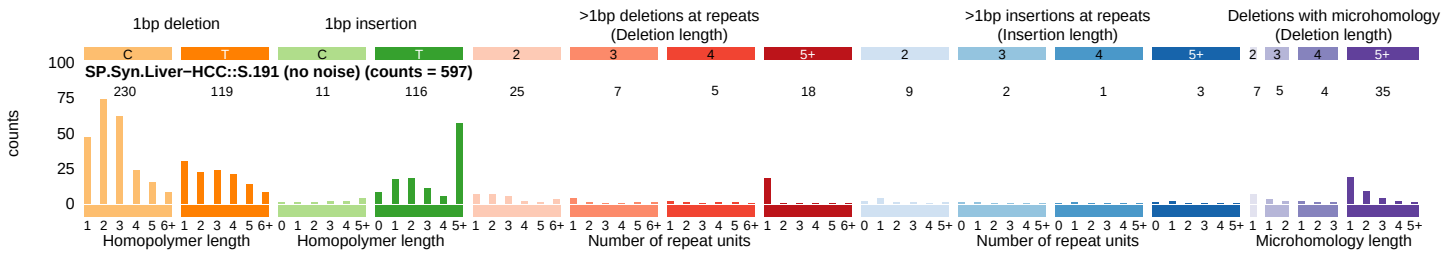

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.186 (no noise) (counts = 859)
124 219 9 122 38 18 12 57 16 6 4 7 13 12 11 191
counts
Homopolymer length
Number of repeat units
Microhomology length

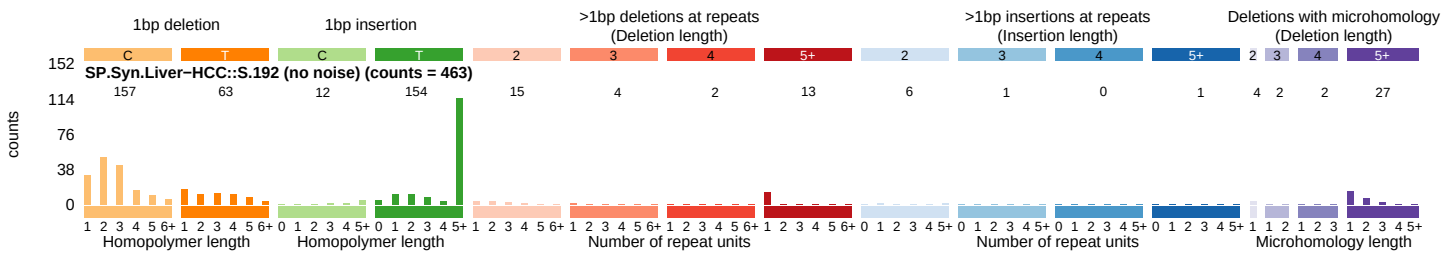

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.187 (no noise) (counts = 717)
179 189 13 197 30 11 6 16 15 3 2 3 9 7 6 31
counts
184 138 92 46 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

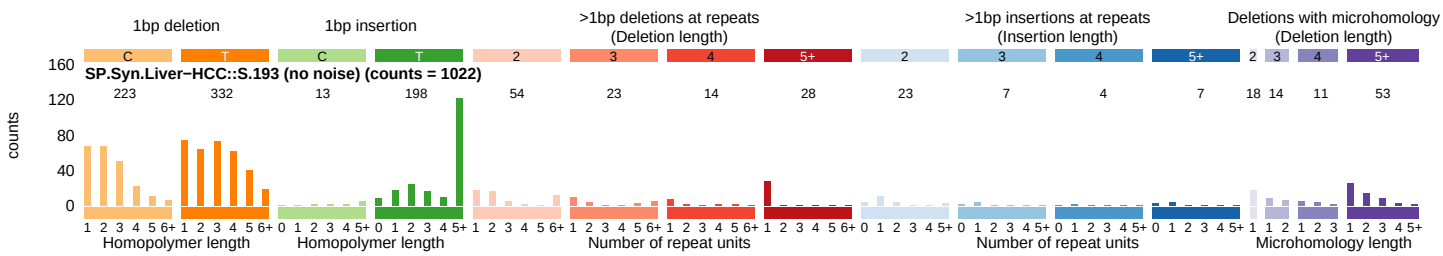

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.188 (no noise) (counts = 443)
25 115 6 191 19 9 6 13 13 2 2 3 7 5 4 23
counts
220 165 110 55 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

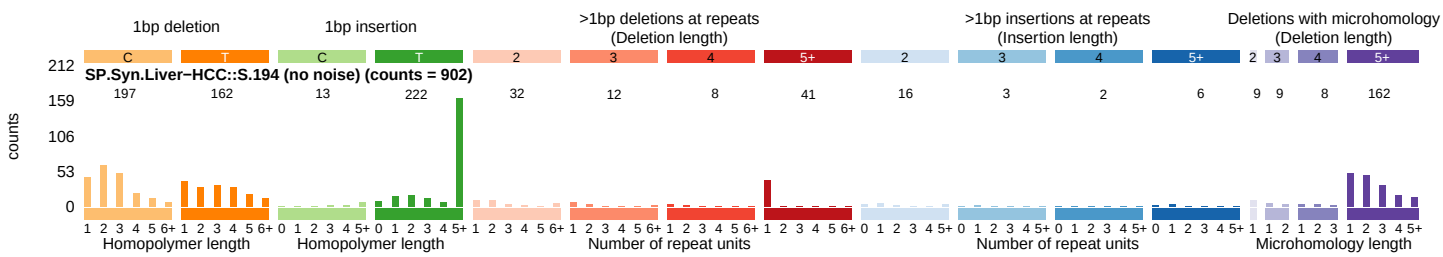

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.189 (no noise) (counts = 539)
112 37 10 157 10 4 3 63 5 0 0 3 2 4 2 127
counts
176 132 88 44 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

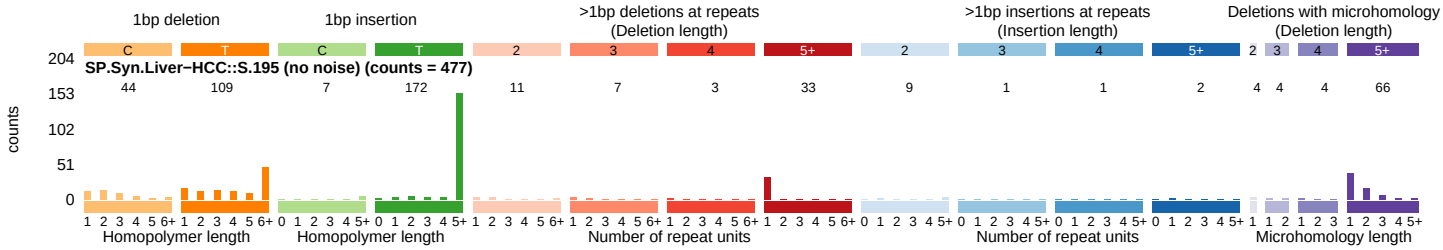

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.190 (no noise) (counts = 583)
130 130 9 149 23 9 6 31 11 2 2 3 7 6 4 61
counts
144 108 72 36 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

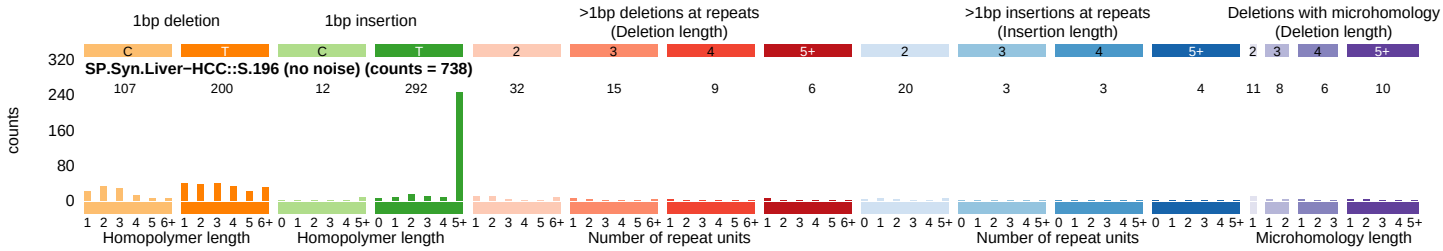

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.191 (no noise) (counts = 597)
230 119 11 116 25 7 5 18 9 2 1 3 7 5 4 35
counts
100 75 50 25 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

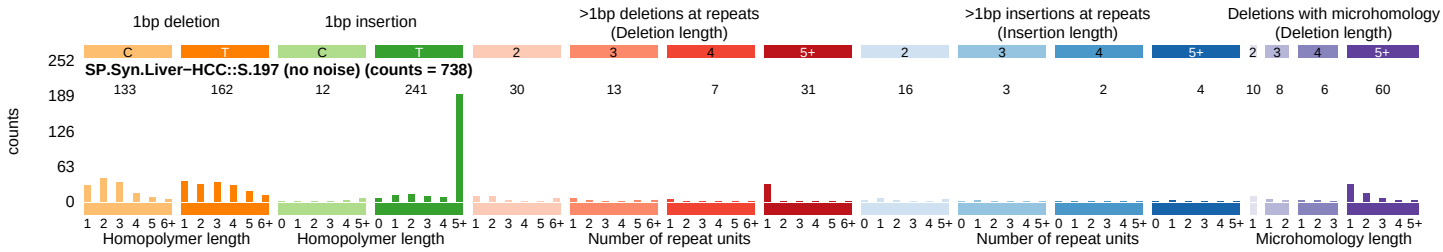

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.192 (no noise) (counts = 463)
157 63 12 154 15 4 2 13 6 1 0 1 4 2 2 27
counts
152 114 76 38 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

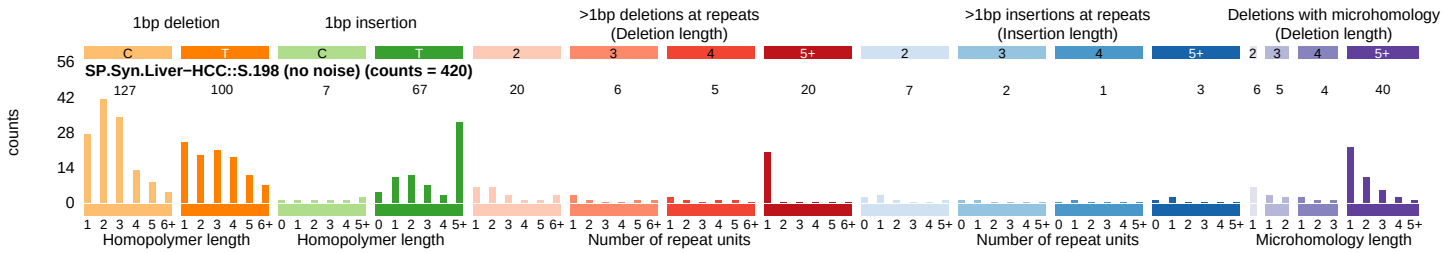

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.193 (no noise) (counts = 1022)
223 332 13 198 54 23 14 28 23 7 4 7 18 14 11 53
counts
160 120 80 40 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

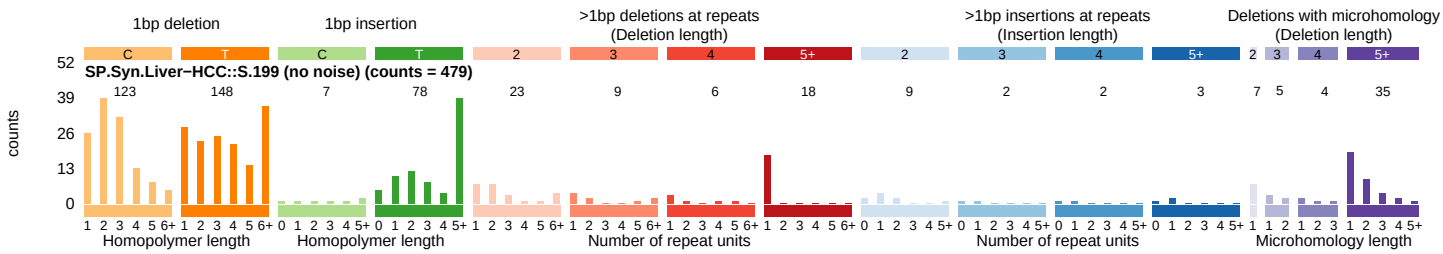

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.194 (no noise) (counts = 902)
197 162 13 222 32 12 8 41 16 3 2 6 9 9 8 162
counts
212 159 106 53 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

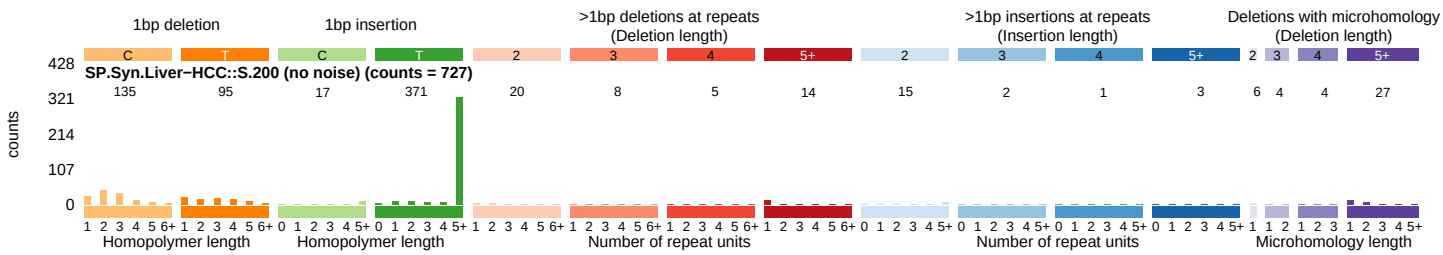

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.195 (no noise) (counts = 477)
44 109 7 172 11 7 3 33 9 1 1 2 4 4 4 66
counts
204 153 102 51 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

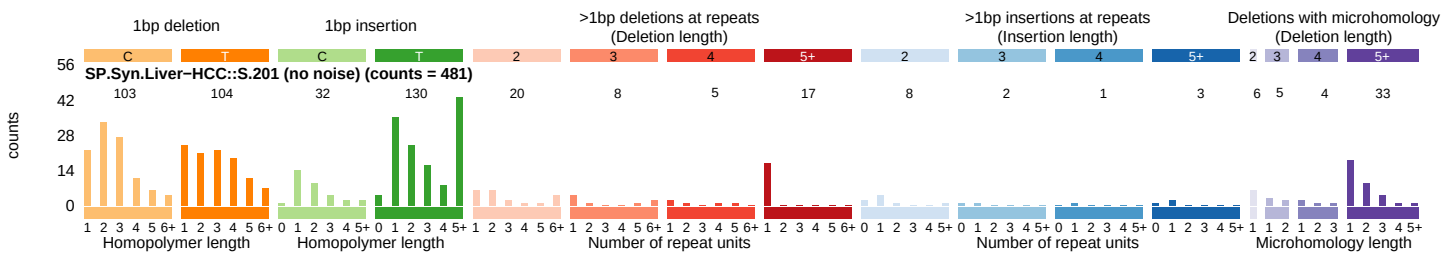

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.196 (no noise) (counts = 738)
107 200 12 292 32 15 9 6 20 3 3 4 11 8 6 10
counts
320 240 160 80 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

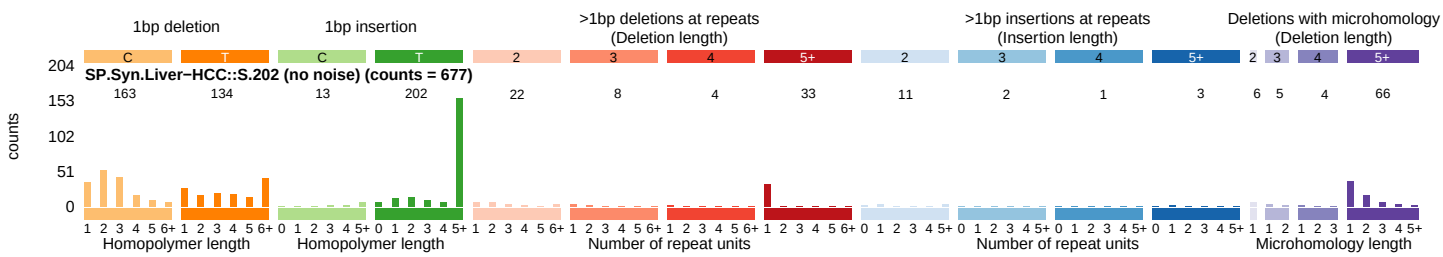

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.197 (no noise) (counts = 738)
133 162 12 241 30 13 7 31 16 3 2 4 10 8 6 60
counts
252 189 126 63 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

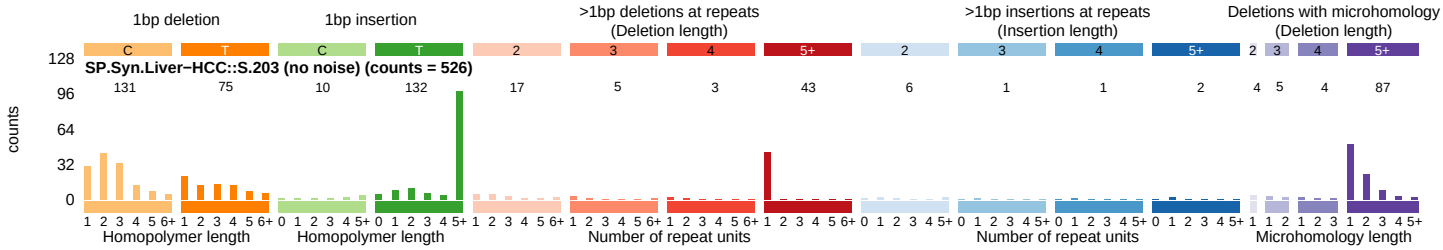

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.198 (no noise) (counts = 420)
127 100 7 67 20 6 5 20 7 2 1 3 6 5 4 40
counts
56 42 28 14 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

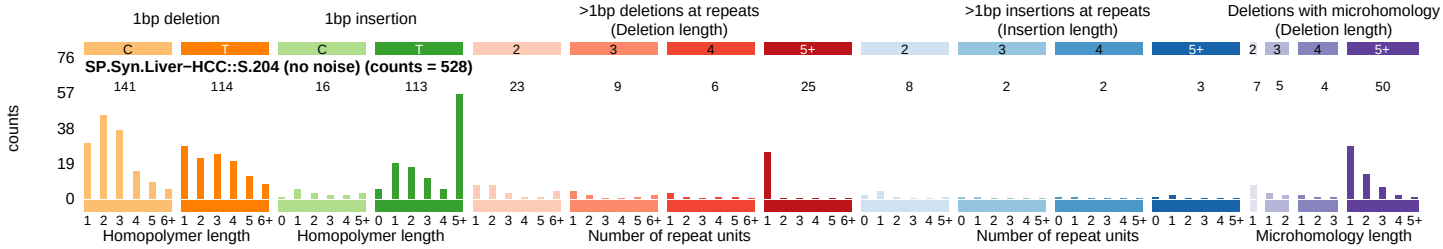

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.199 (no noise) (counts = 479)
123 148 7 78 23 9 6 18 9 2 2 3 7 5 4 35
counts
52 39 26 13 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

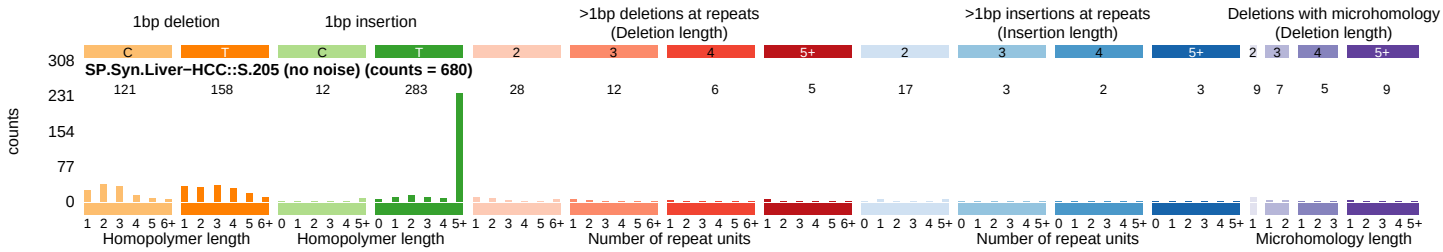

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.200 (no noise) (counts = 727)
135 95 17 371 20 8 5 14 15 2 1 3 6 4 4 27
counts
428 321 214 107 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

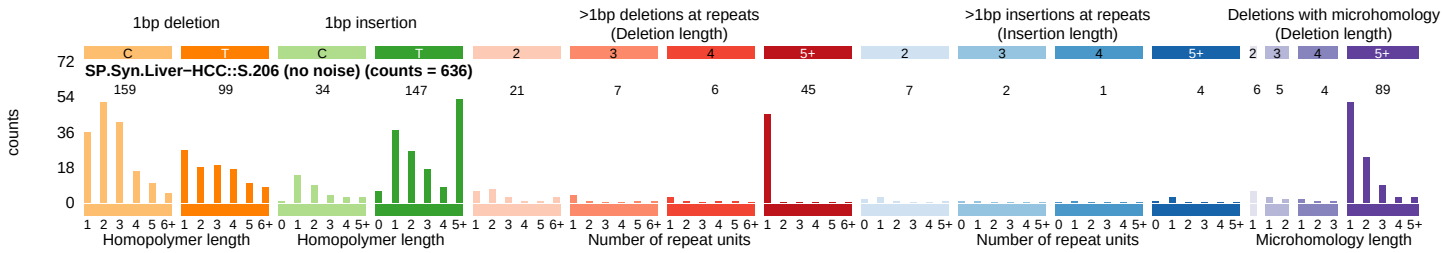

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.201 (no noise) (counts = 481)
103 104 32 130 20 8 5 17 8 2 1 3 6 5 4 33
counts
56 42 28 14 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

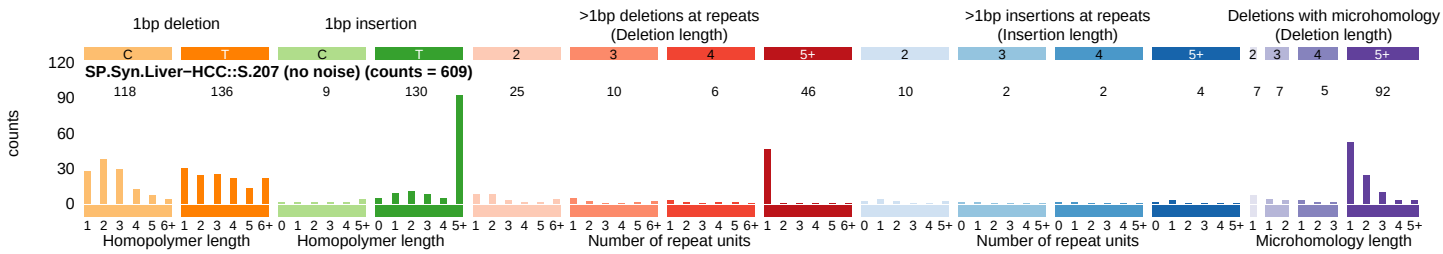

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.202 (no noise) (counts = 677)
163 134 13 202 22 8 4 33 11 2 1 3 6 5 4 66
counts
204 153 102 51 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

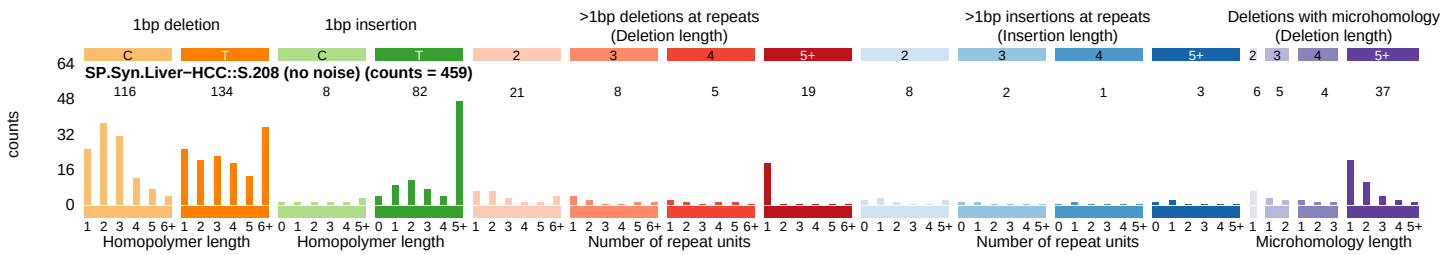

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.203 (no noise) (counts = 526)
131 75 10 132 17 5 3 43 6 1 1 2 4 5 4 87
counts
Homopolymer length
Number of repeat units
Microhomology length

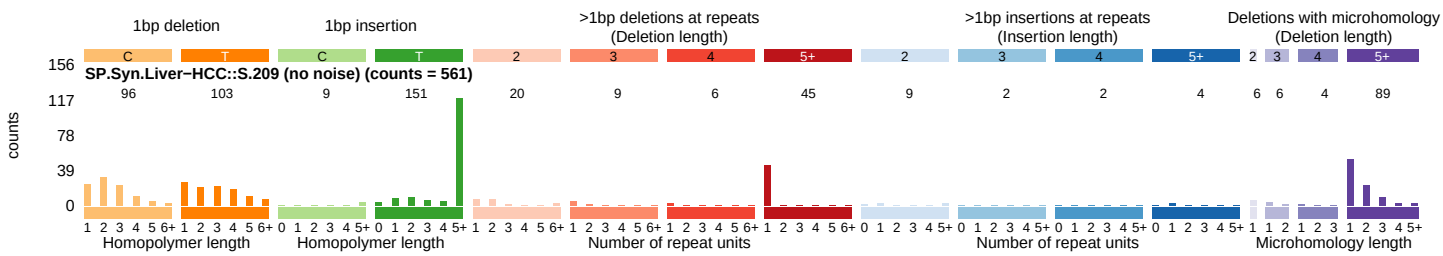

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.204 (no noise) (counts = 528)
141 114 16 113 23 9 6 25 8 2 2 3 7 5 4 50
counts
Homopolymer length
Number of repeat units
Microhomology length

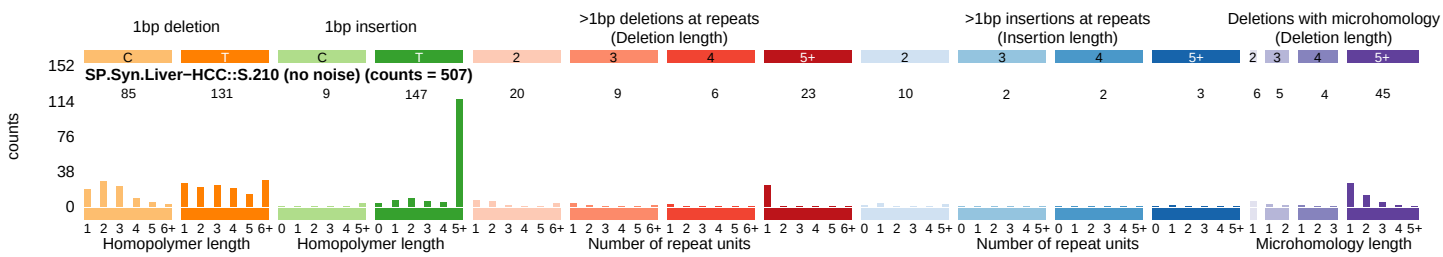

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.205 (no noise) (counts = 680)
121 158 12 283 28 12 6 5 17 3 2 3 9 7 5 9
counts
Homopolymer length
Number of repeat units
Microhomology length

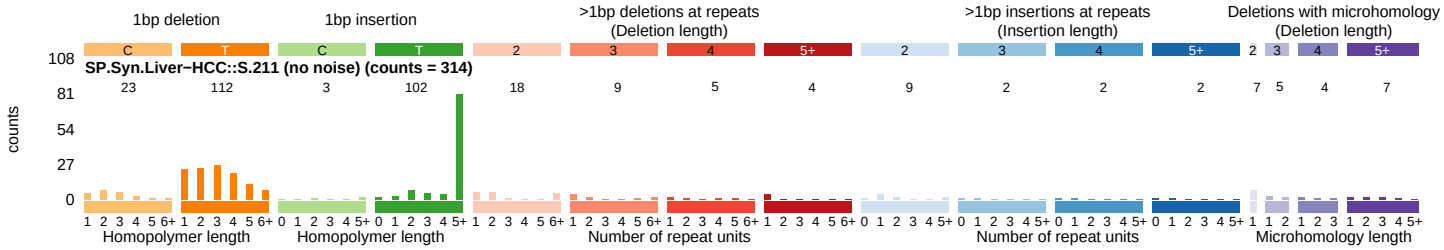

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.206 (no noise) (counts = 636)
159 99 34 147 21 7 6 45 7 2 1 4 6 5 4 89
counts
Homopolymer length
Number of repeat units
Microhomology length

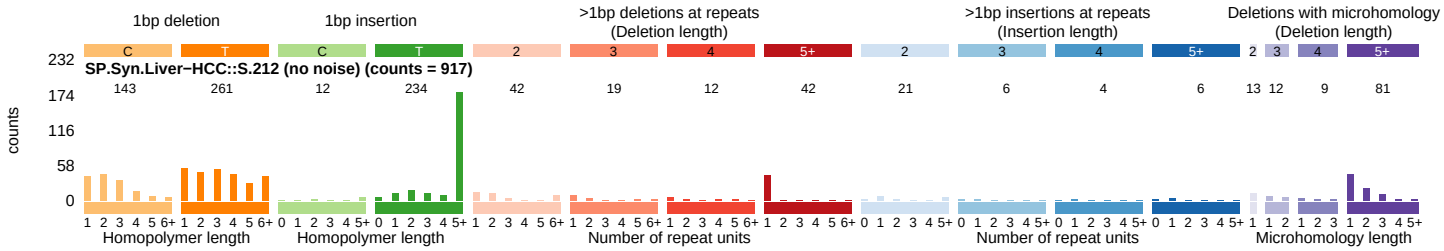

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.207 (no noise) (counts = 609)
118 136 9 130 25 10 6 46 10 2 2 4 7 7 5 92
counts
Homopolymer length
Number of repeat units
Microhomology length

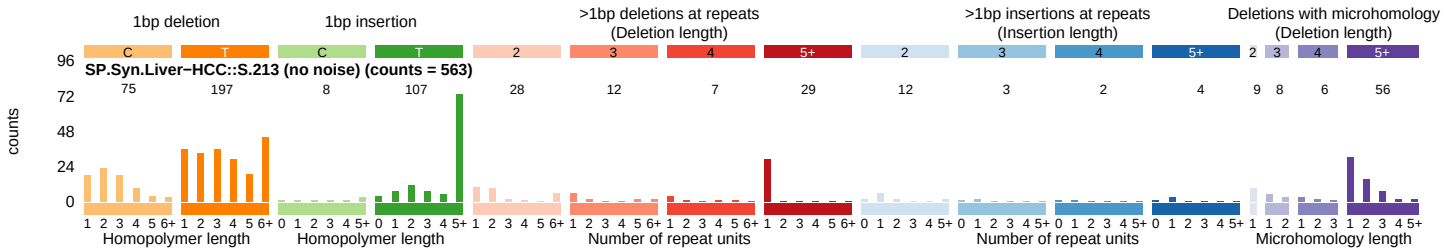

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.208 (no noise) (counts = 459)
116 134 8 82 21 8 5 19 8 2 1 3 6 5 4 37
counts
Homopolymer length
Number of repeat units
Microhomology length

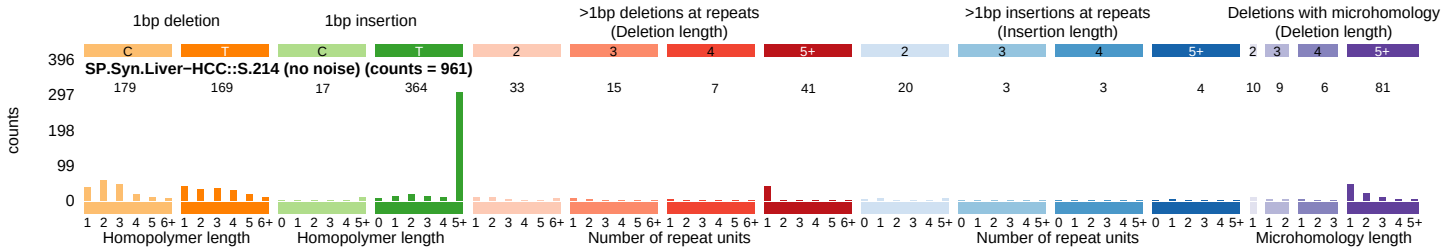

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.209 (no noise) (counts = 561)
96 103 9 151 20 9 6 45 9 2 2 4 6 6 4 89
counts
Homopolymer length
Number of repeat units
Microhomology length

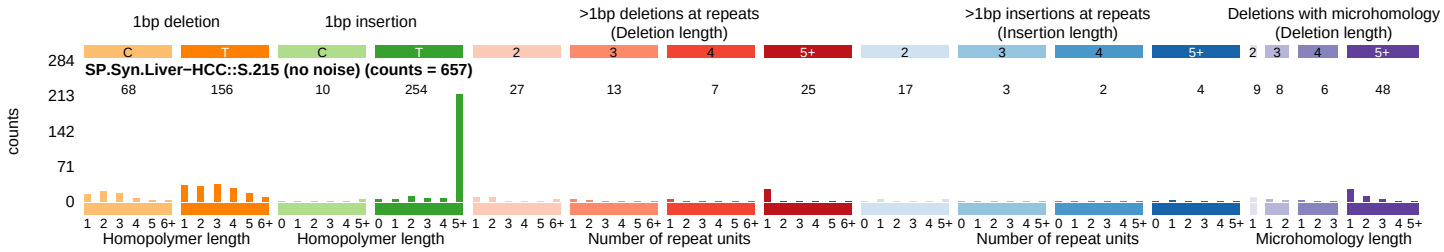

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.210 (no noise) (counts = 507)
85 131 9 147 20 9 6 23 10 2 2 3 6 5 4 45
counts
Homopolymer length
Number of repeat units
Microhomology length

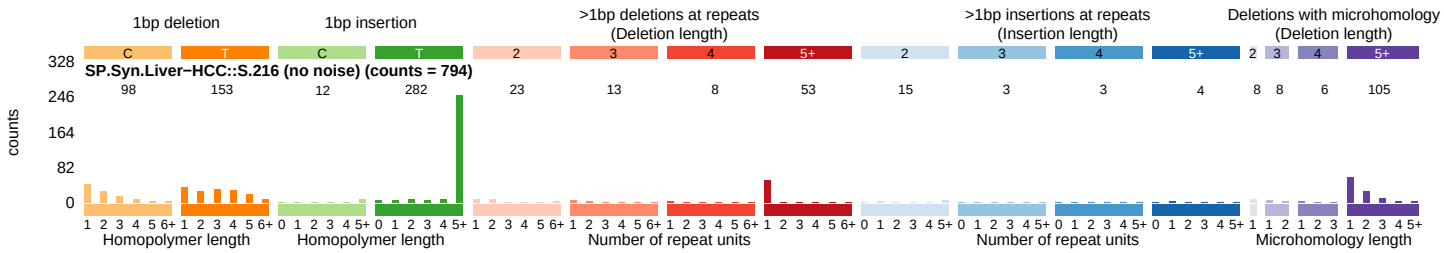

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.211 (no noise) (counts = 314)
counts
Homopolymer length
Number of repeat units
Microhomology length

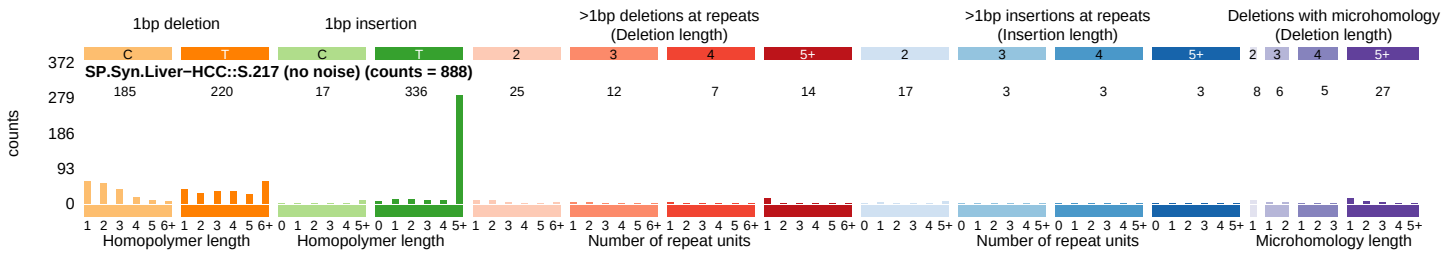

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.212 (no noise) (counts = 917)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.213 (no noise) (counts = 563)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.214 (no noise) (counts = 961)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.215 (no noise) (counts = 657)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.216 (no noise) (counts = 794)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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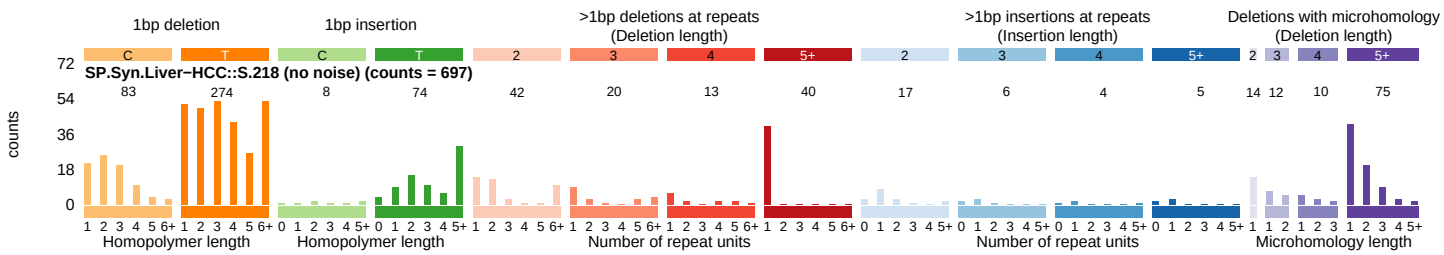
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.217 (no noise) (counts = 888)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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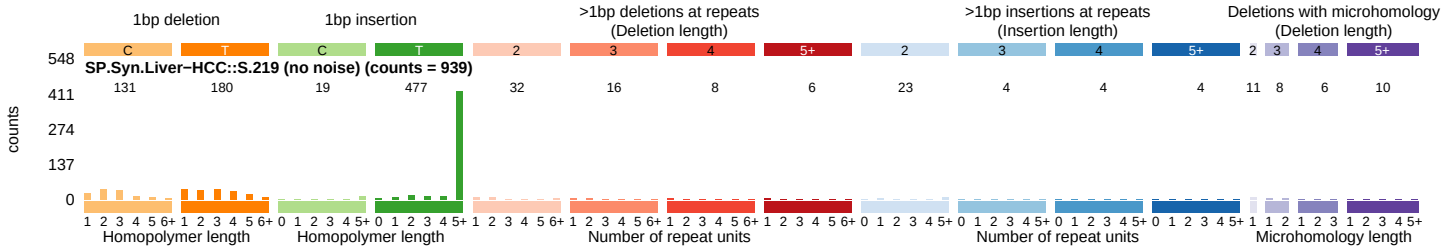
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.218 (no noise) (counts = 697)
counts
Homopolymer length
Number of repeat units
Microhomology length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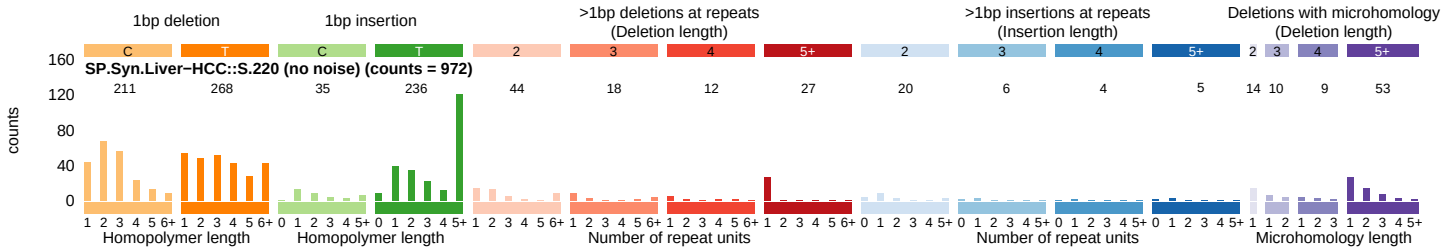
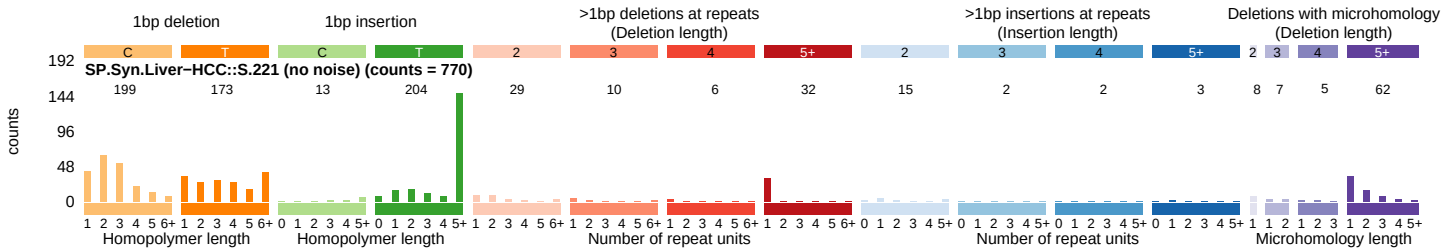
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.219 (no noise) (counts = 939)
131 180 19 477 32 16 8 6 23 4 4 4 11 8 6 10
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.220 (no noise) (counts = 972)
211 268 35 236 44 18 12 27 20 6 4 5 14 10 9 53
counts
Homopolymer length
Number of repeat units
Microhomology length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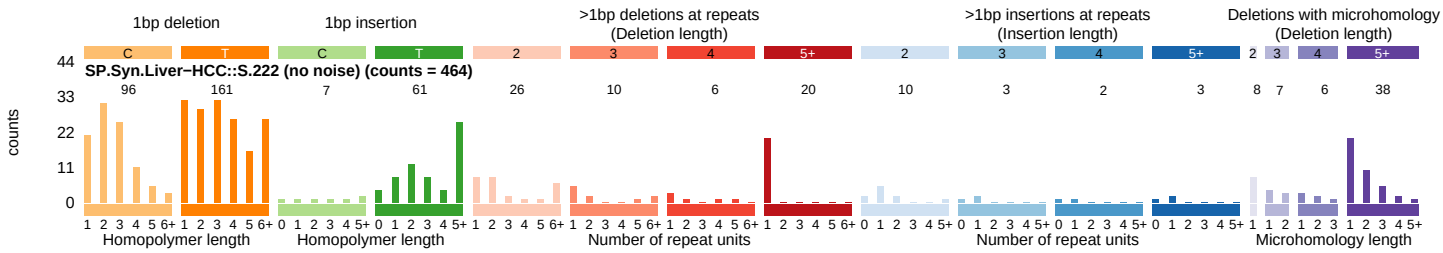
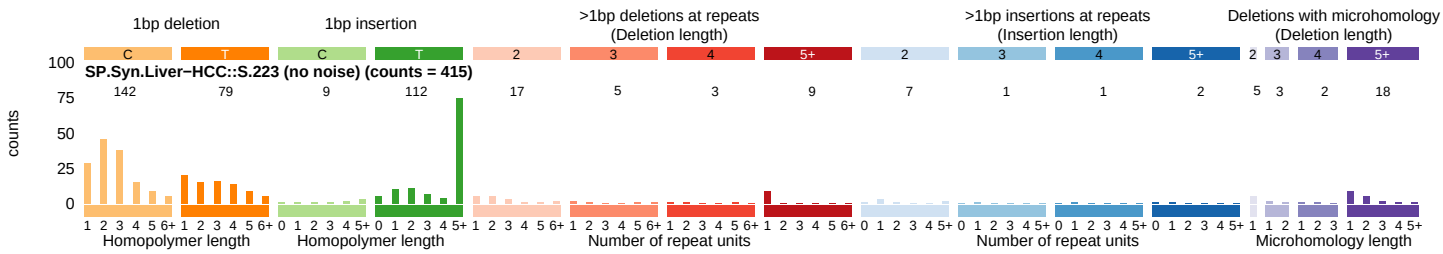
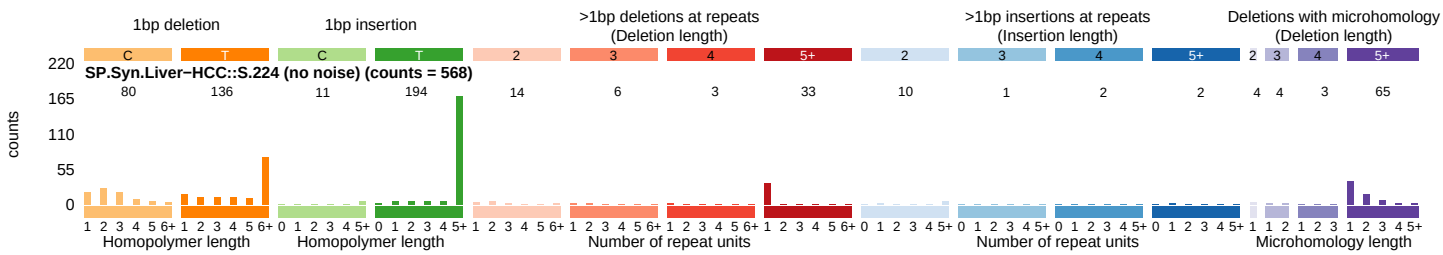
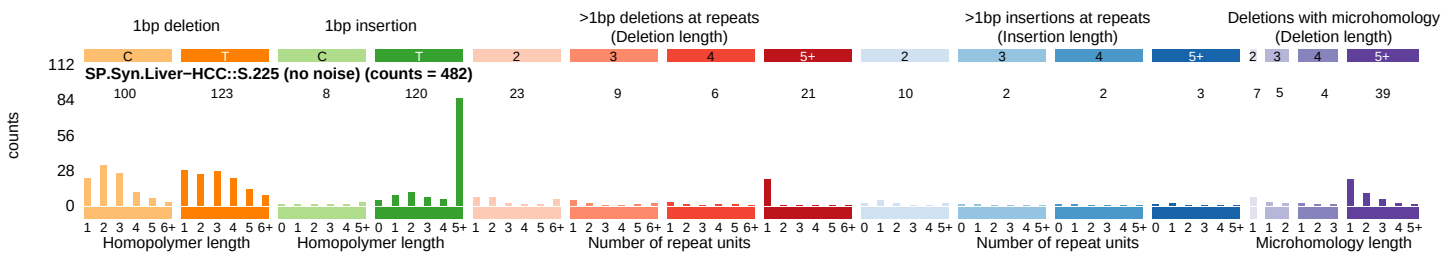
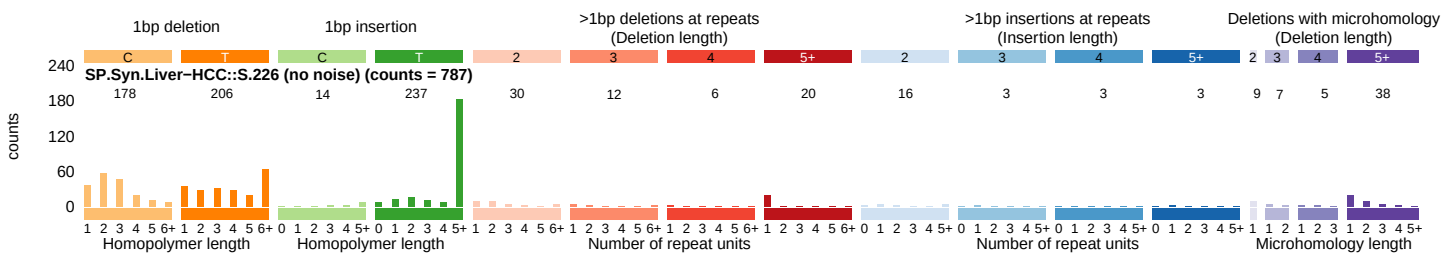
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.221 (no noise) (counts = 770)
199 173 13 204 29 10 6 32 15 2 2 3 8 7 5 62
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.222 (no noise) (counts = 464)
96 161 7 61 26 10 6 20 10 3 2 3 8 7 6 38
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.223 (no noise) (counts = 415)
142 79 9 112 17 5 3 9 7 1 1 2 5 3 2 18
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.224 (no noise) (counts = 568)
80 136 11 194 14 6 3 33 10 1 2 2 4 4 3 65
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.225 (no noise) (counts = 482)
100 123 8 120 23 9 6 21 10 2 2 3 7 5 4 39
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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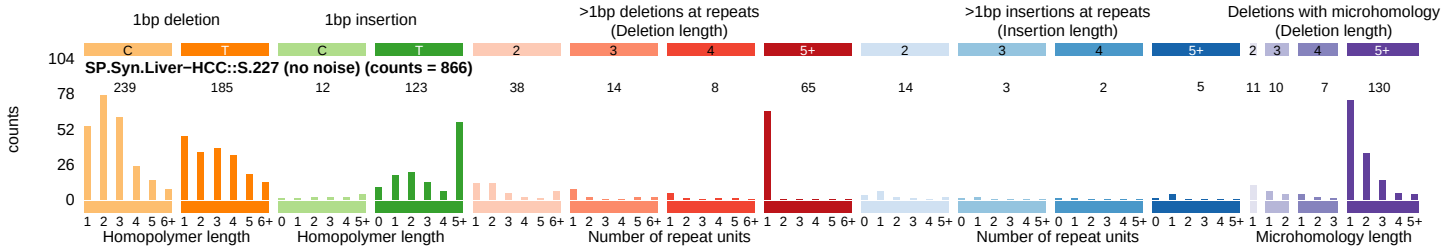
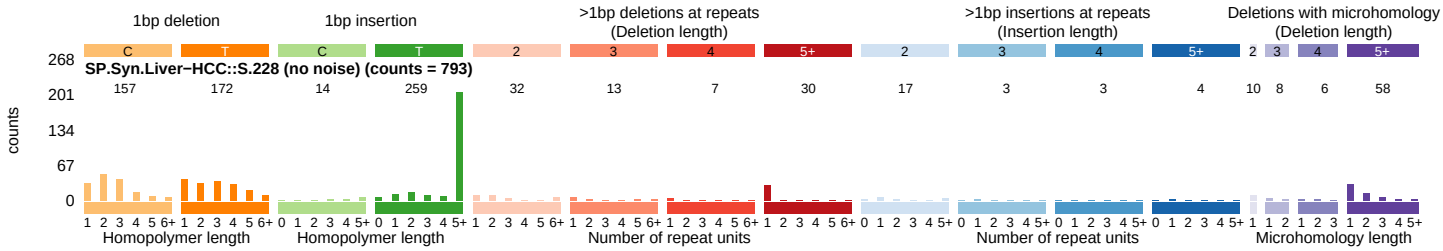
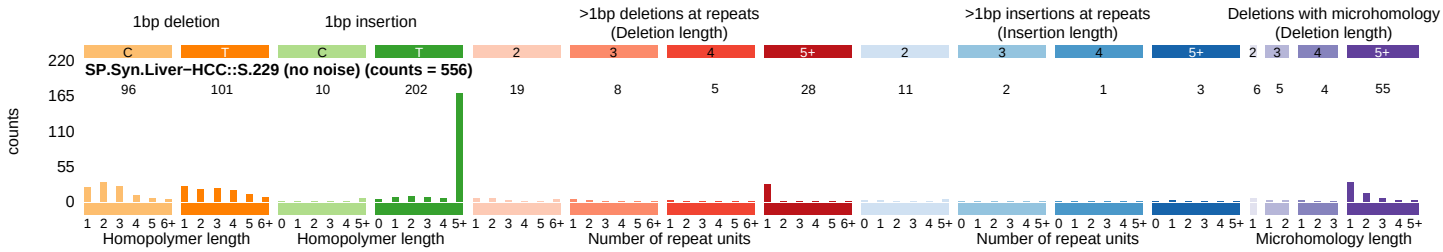
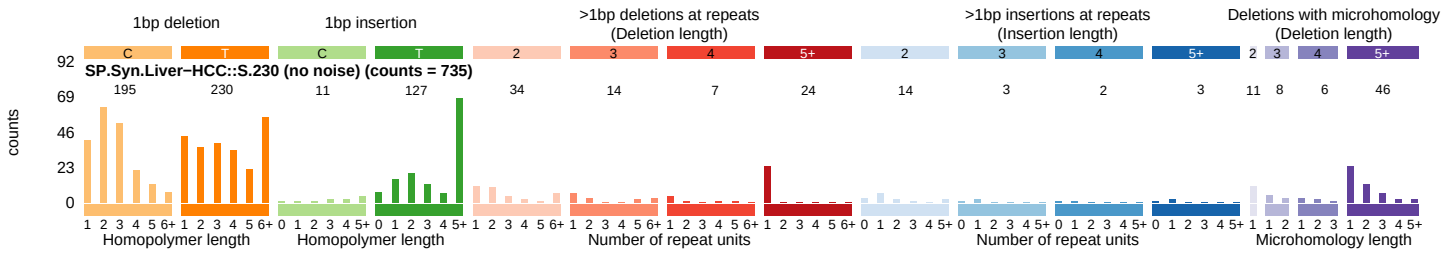
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.226 (no noise) (counts = 787)
178 206 14 237 30 12 6 20 16 3 3 3 9 7 5 38
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.227 (no noise) (counts = 866)
239 185 12 123 38 14 8 65 14 3 2 5 11 10 7 130
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.228 (no noise) (counts = 793)
157 172 14 259 32 13 7 30 17 3 3 4 10 8 6 58
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.229 (no noise) (counts = 556)
96 101 10 202 19 8 5 28 11 2 1 3 6 5 4 55
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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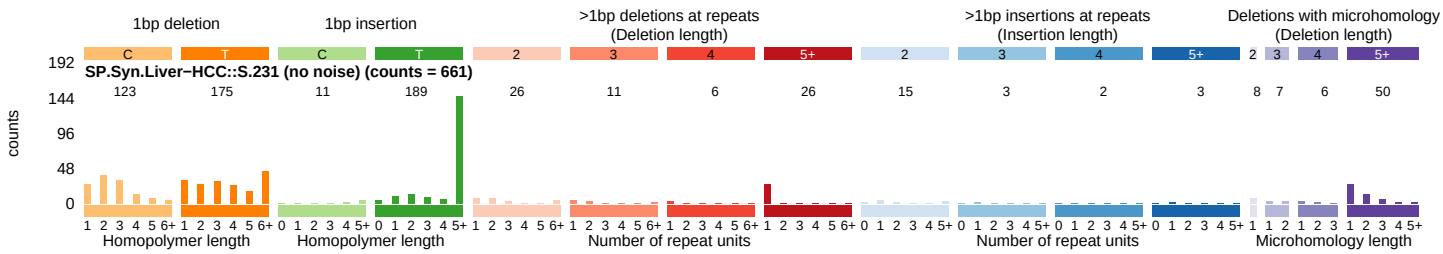
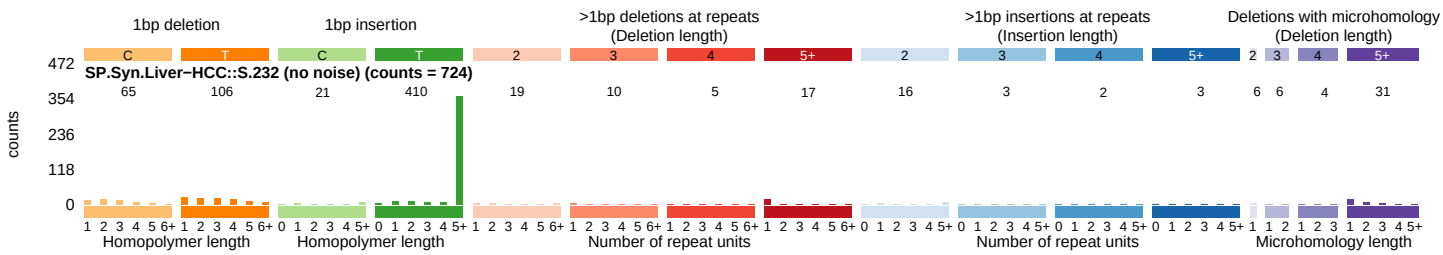
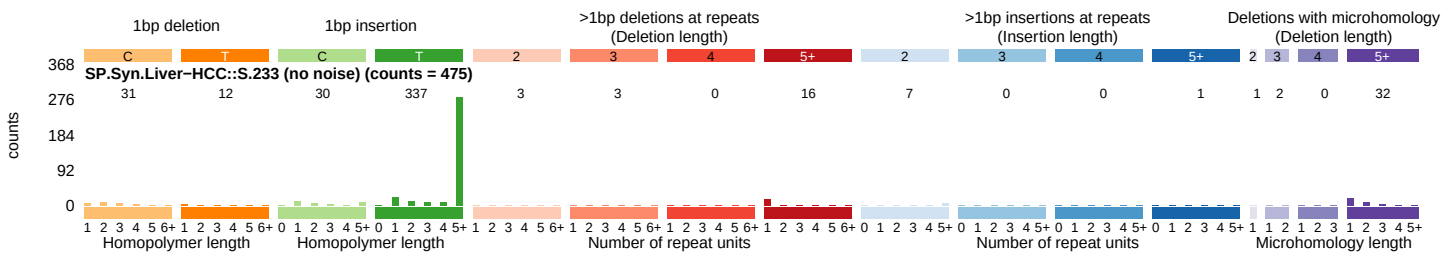
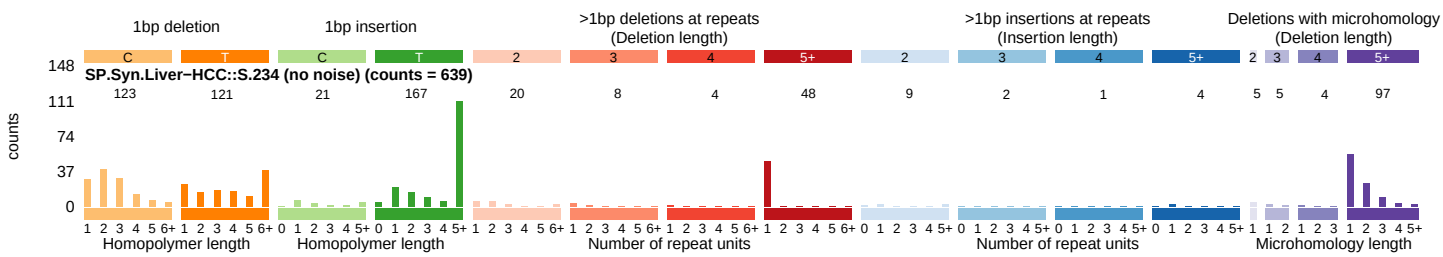
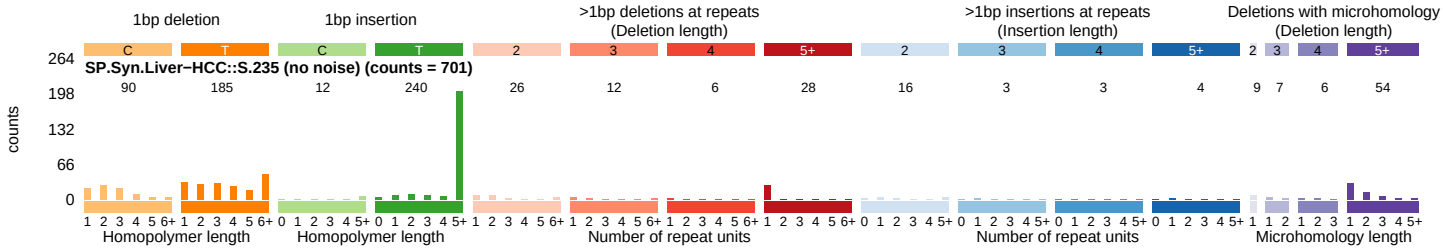
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.230 (no noise) (counts = 735)
195 230 11 127 34 14 7 24 14 3 2 3 11 8 6 46
counts
Homopolymer length
Number of repeat units
Microhomology length

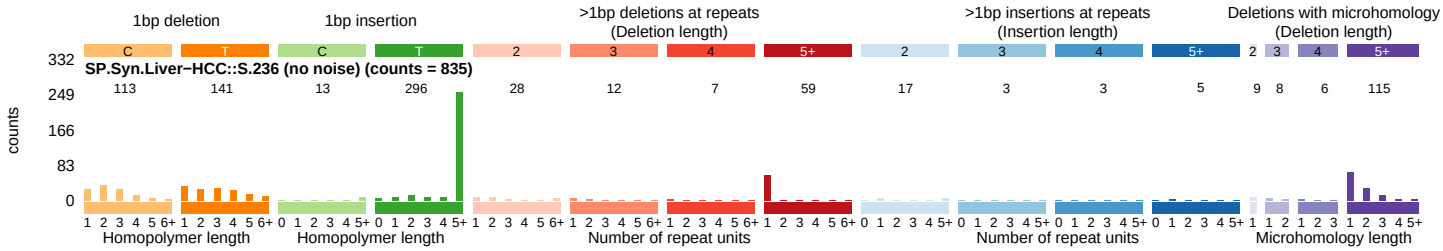

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.231 (no noise) (counts = 661)
123 175 11 189 26 11 6 26 15 3 2 3 8 7 6 50
counts
Homopolymer length
Number of repeat units
Microhomology length

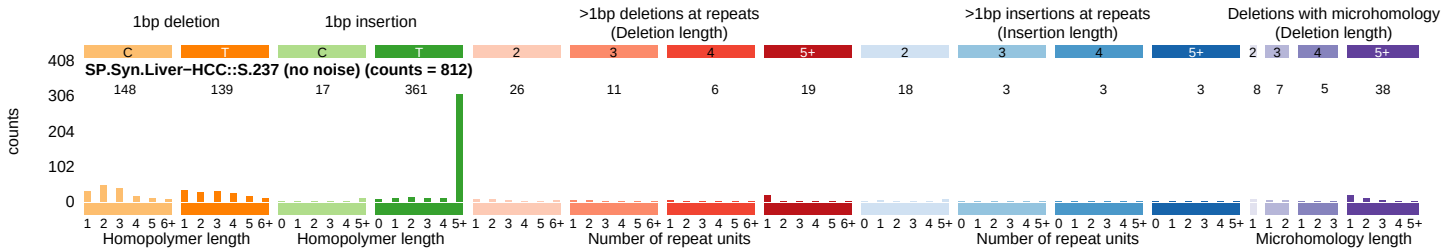

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.232 (no noise) (counts = 724)
65 106 21 410 19 10 5 17 16 3 2 3 6 6 4 31
counts
Homopolymer length
Number of repeat units
Microhomology length

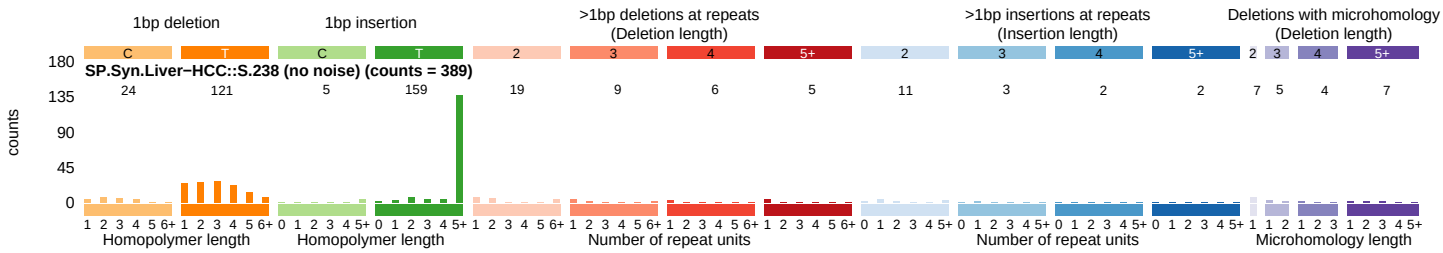

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.233 (no noise) (counts = 475)
31 12 30 337 3 3 0 16 7 0 0 1 1 2 0 32
counts
Homopolymer length
Number of repeat units
Microhomology length

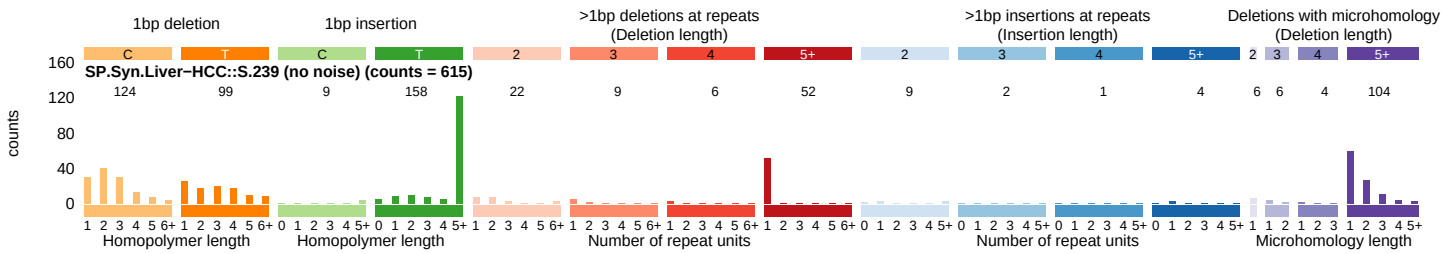

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.234 (no noise) (counts = 639)
123 121 21 167 20 8 4 48 9 2 1 4 5 5 4 97
counts
Homopolymer length
Number of repeat units
Microhomology length

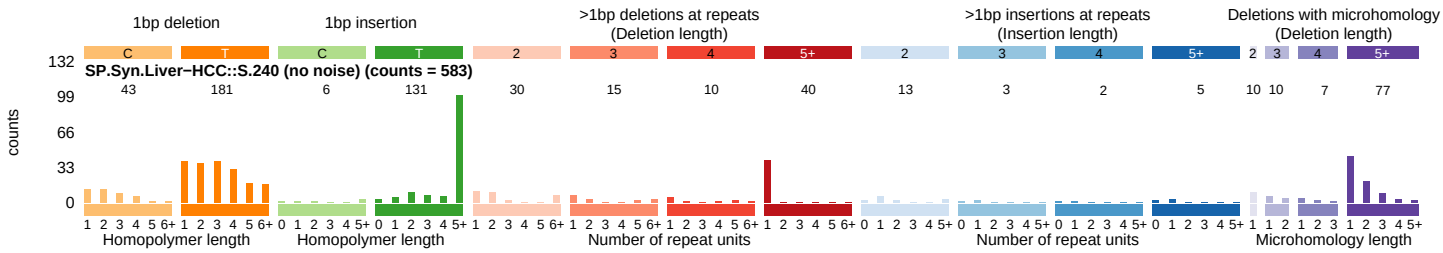

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.235 (no noise) (counts = 701)
90 185 12 240 26 12 6 28 16 3 3 4 9 7 6 54
counts
264 198 132 66 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

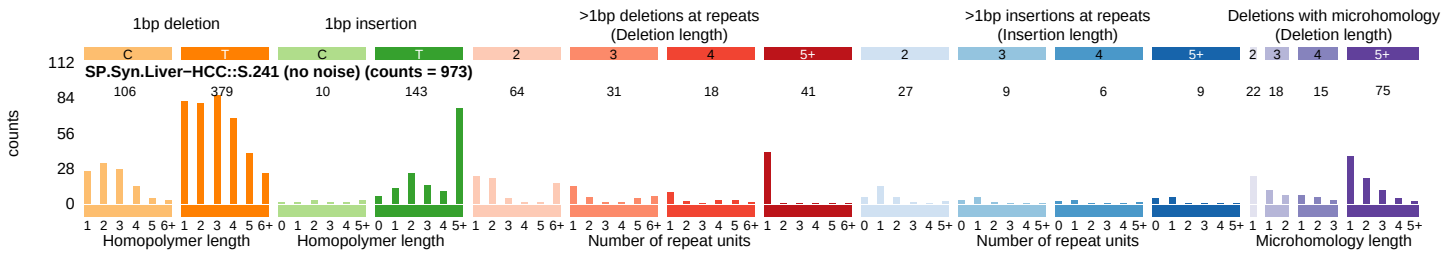

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.236 (no noise) (counts = 835)
113 141 13 296 28 12 7 59 17 3 3 5 9 8 6 115
counts
332 249 166 83 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

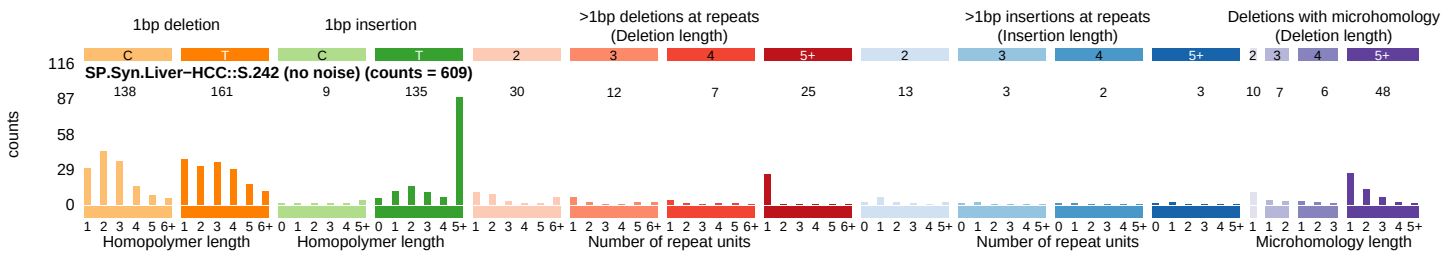

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.237 (no noise) (counts = 812)
148 139 17 361 26 11 6 19 18 3 3 3 8 7 5 38
counts
408 306 204 102 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.238 (no noise) (counts = 389)
24 121 5 159 19 9 6 5 11 3 2 2 7 5 4 7
counts
180 135 90 45 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.239 (no noise) (counts = 615)
124 99 9 158 22 9 6 52 9 2 1 4 6 6 4 104
counts
160 120 80 40 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.240 (no noise) (counts = 583)
43 181 6 131 30 15 10 40 13 3 2 5 10 10 7 77
counts
132 99 66 33 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.241 (no noise) (counts = 973)
106 379 10 143 64 31 18 41 27 9 6 9 22 18 15 75
counts
112 84 56 28 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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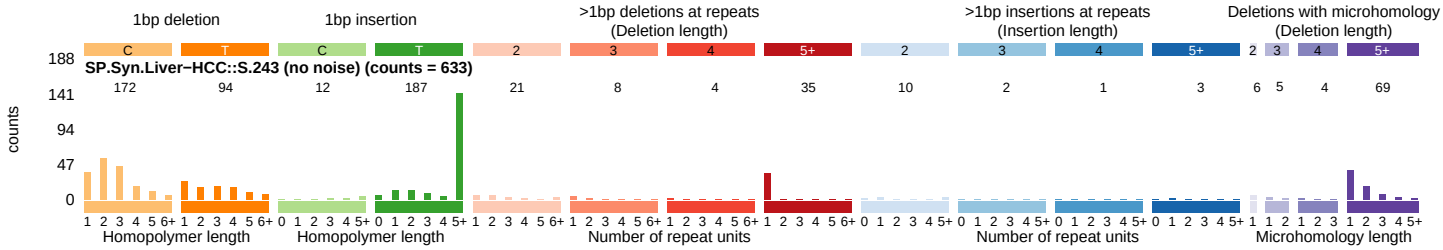
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.242 (no noise) (counts = 609)
138 161 9 135 30 12 7 25 13 3 2 3 10 7 6 48
counts
116 87 58 29 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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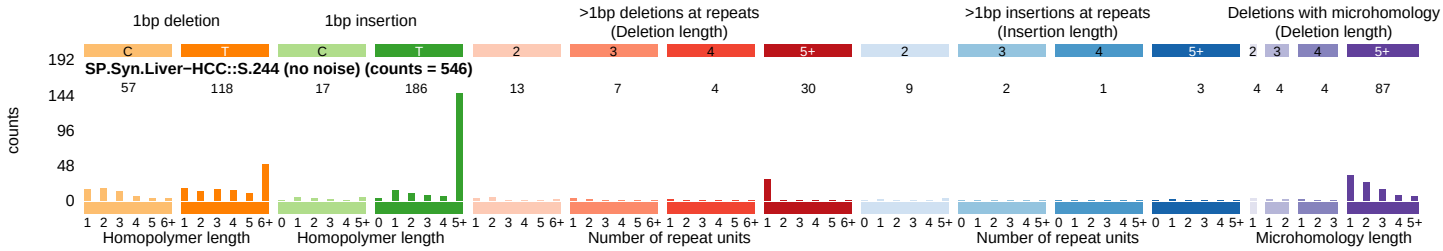
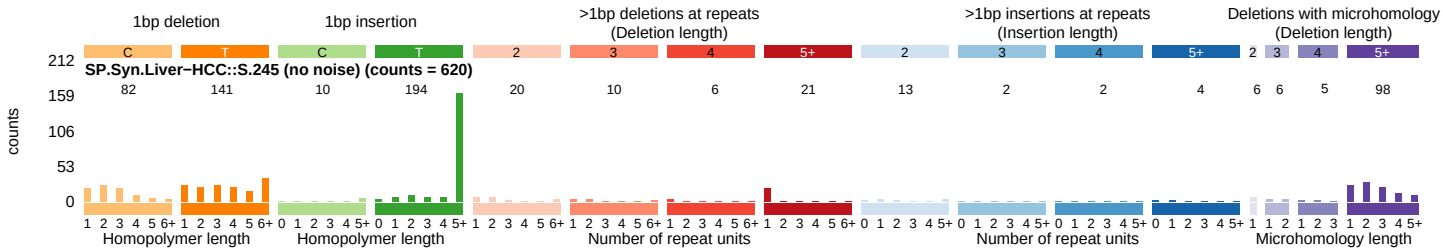
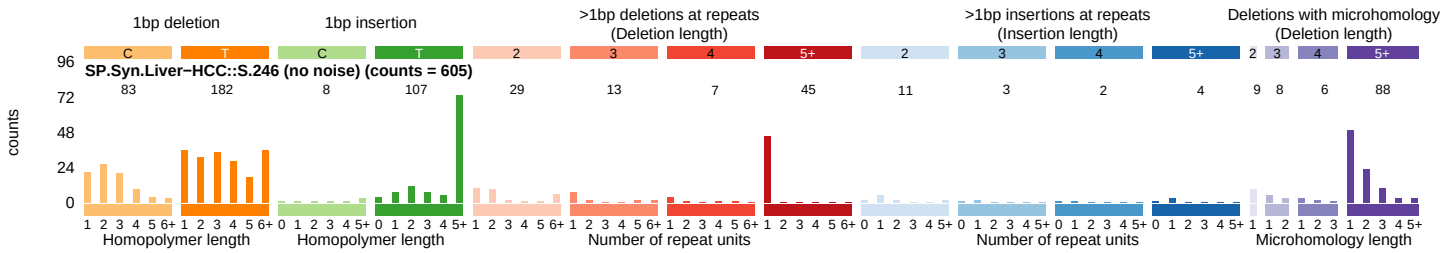
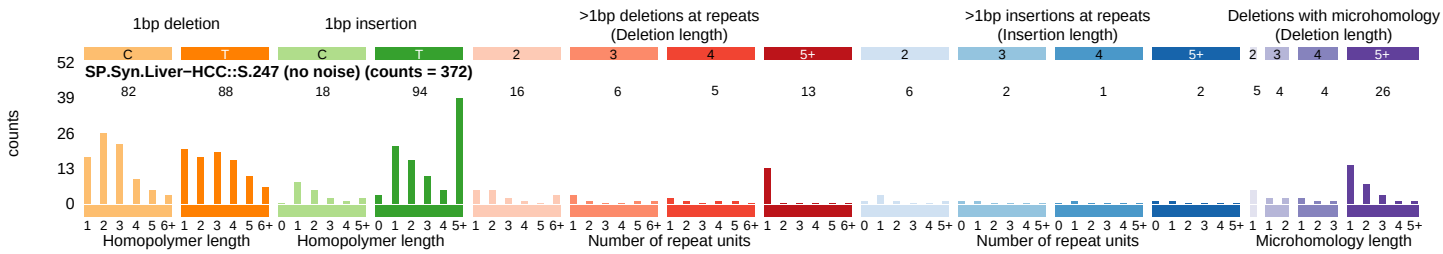
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.243 (no noise) (counts = 633)
172 94 12 187 21 8 4 35 10 2 1 3 6 5 4 69
counts
188 141 94 47 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.244 (no noise) (counts = 546)
57 118 17 186 13 7 4 30 9 2 1 3 4 4 4 87
counts
192 144 96 48 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.245 (no noise) (counts = 620)
82 141 10 194 20 10 6 21 13 2 2 4 6 6 5 98
counts
212 159 106 53 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.246 (no noise) (counts = 605)
83 182 8 107 29 13 7 45 11 3 2 4 9 8 6 88
counts
96 72 48 24 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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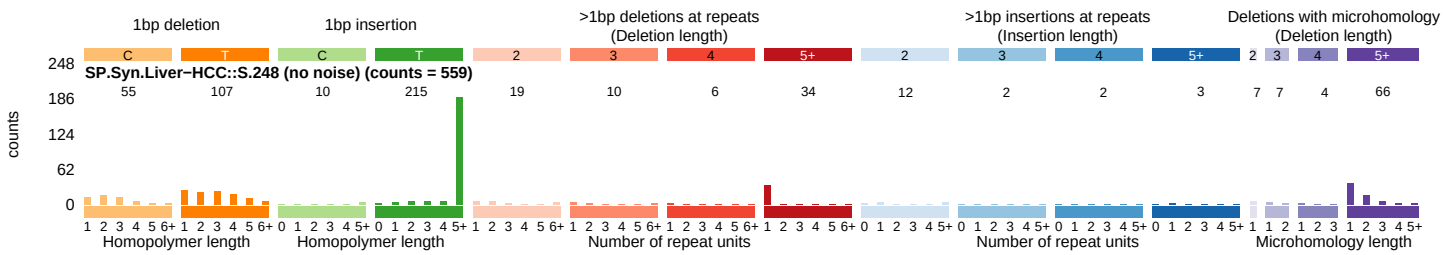
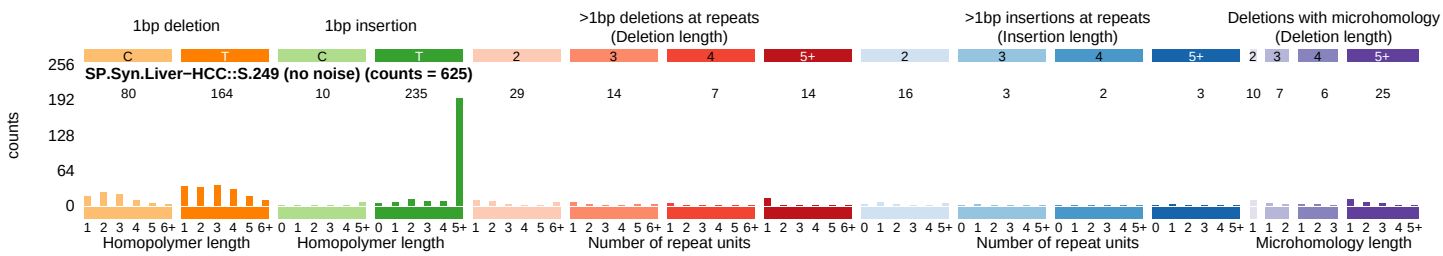
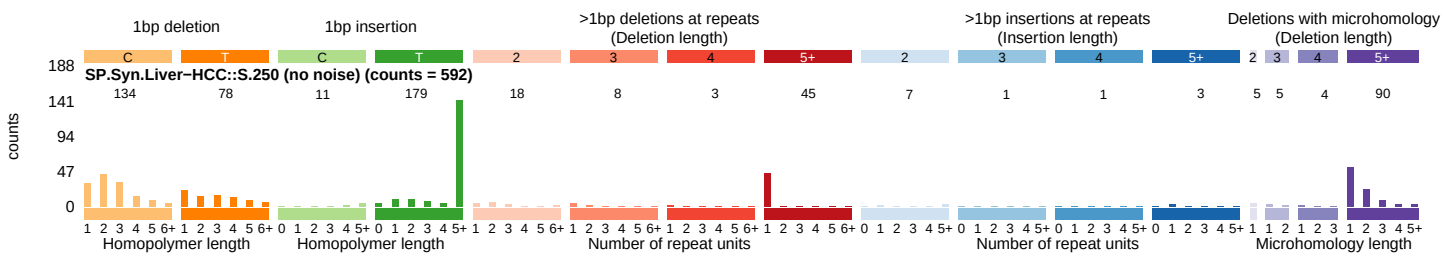
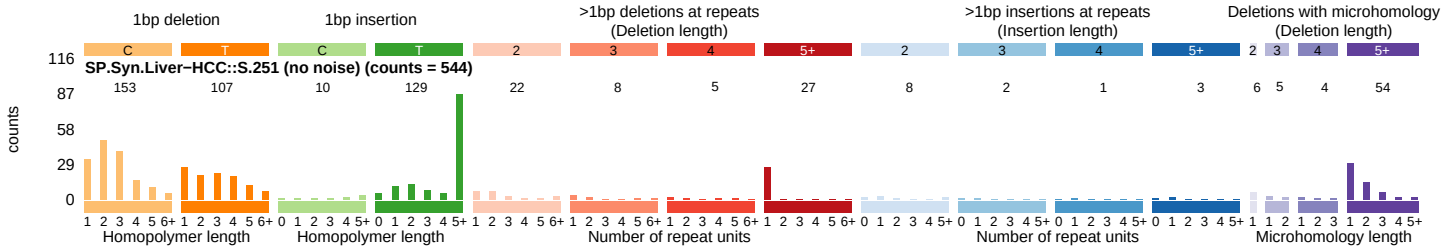
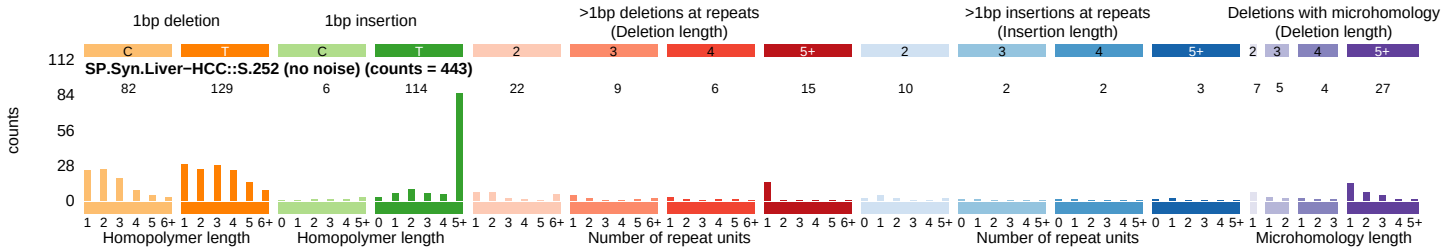
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.247 (no noise) (counts = 372)
82 88 18 94 16 6 5 13 6 2 1 2 5 4 4 26
counts
52 39 26 13 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

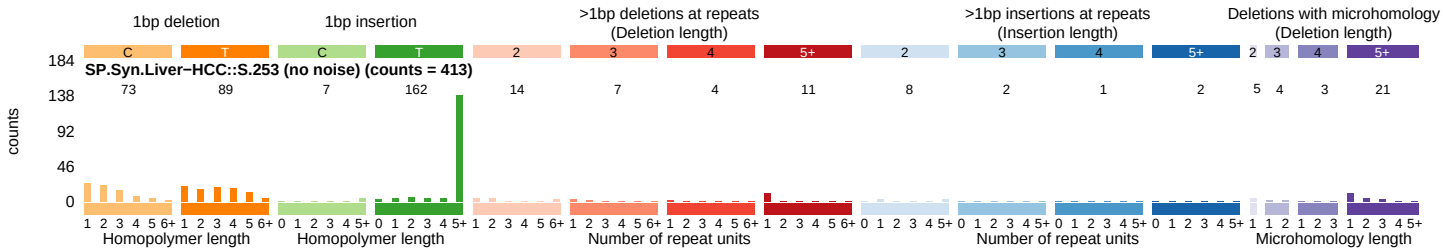

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.248 (no noise) (counts = 559)
55 107 10 215 19 10 6 34 12 2 2 3 7 7 4 66
counts
248 186 124 62 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

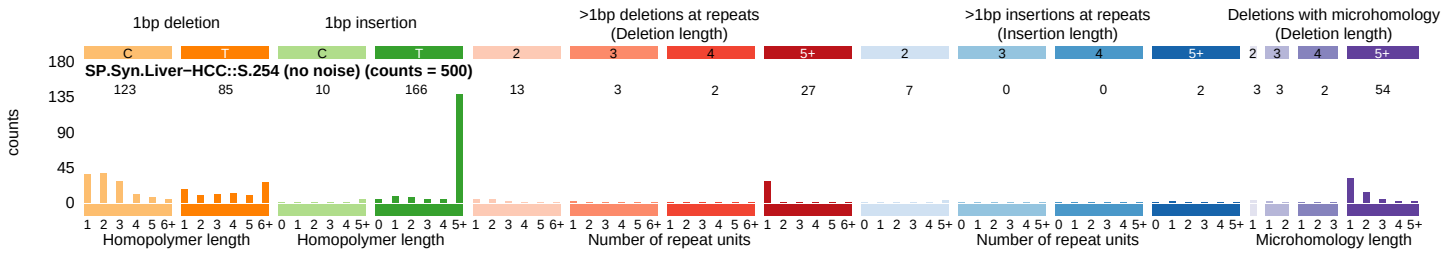

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.249 (no noise) (counts = 625)
80 164 10 235 29 14 7 14 16 3 2 3 10 7 6 25
counts
256 192 128 64 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

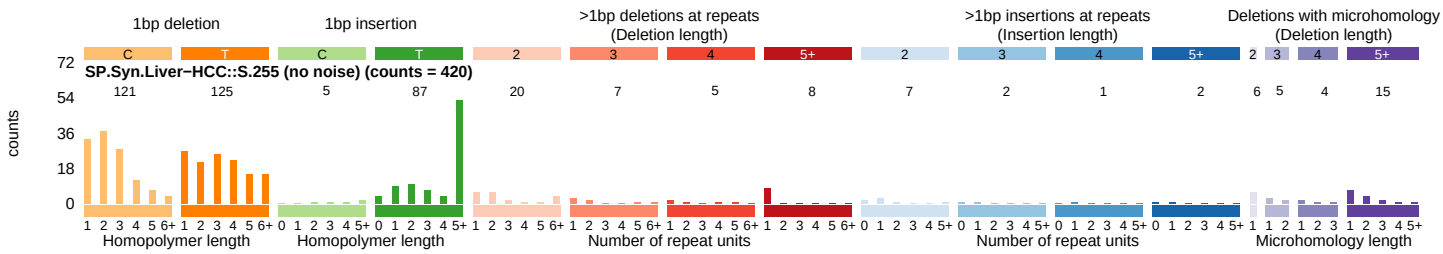

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.250 (no noise) (counts = 592)
134 78 11 179 18 8 3 45 7 1 1 3 5 5 4 90
counts
188 141 94 47 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

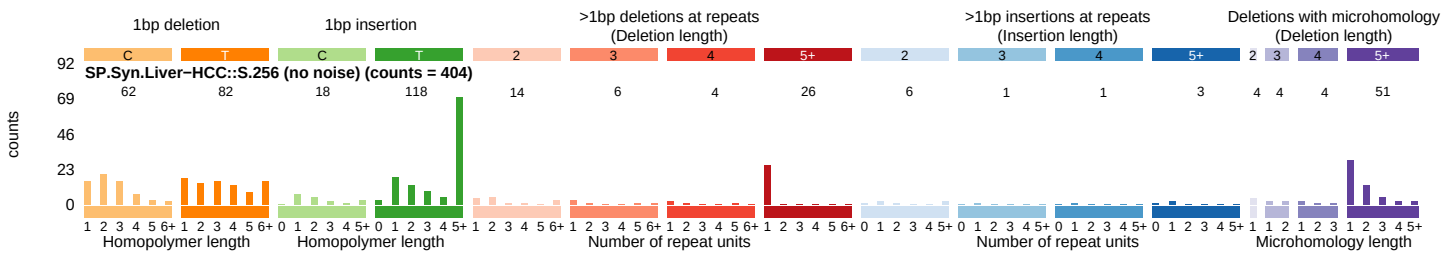

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.251 (no noise) (counts = 544)
153 107 10 129 22 8 5 27 8 2 1 3 6 5 4 54
counts
Homopolymer length
Number of repeat units
Microhomology length

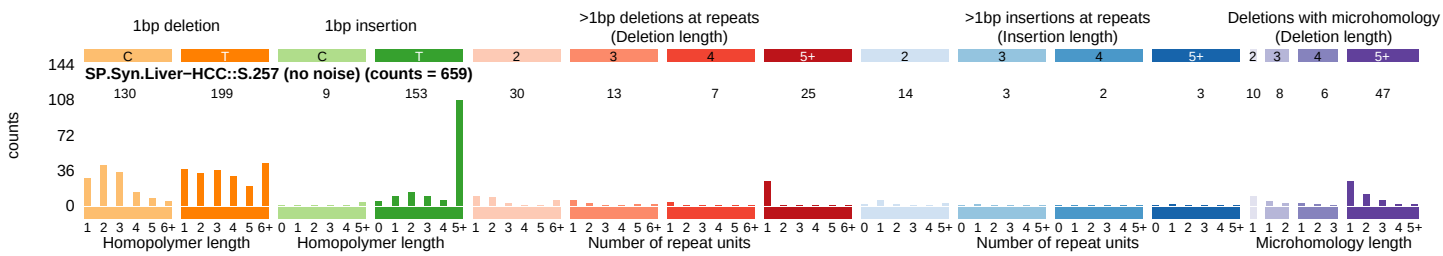

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.252 (no noise) (counts = 443)
82 129 6 114 22 9 6 15 10 2 2 3 7 5 4 27
counts
Homopolymer length
Number of repeat units
Microhomology length

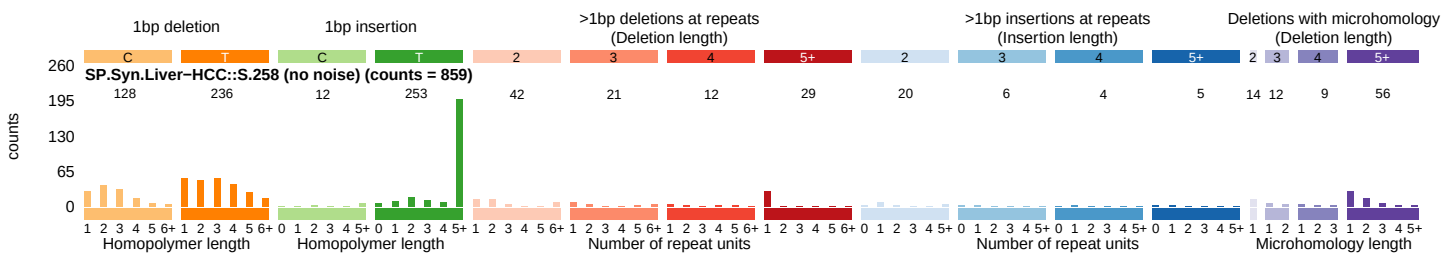

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.253 (no noise) (counts = 413)
73 89 7 162 14 7 4 11 8 2 1 2 5 4 3 21
counts
Homopolymer length
Number of repeat units
Microhomology length

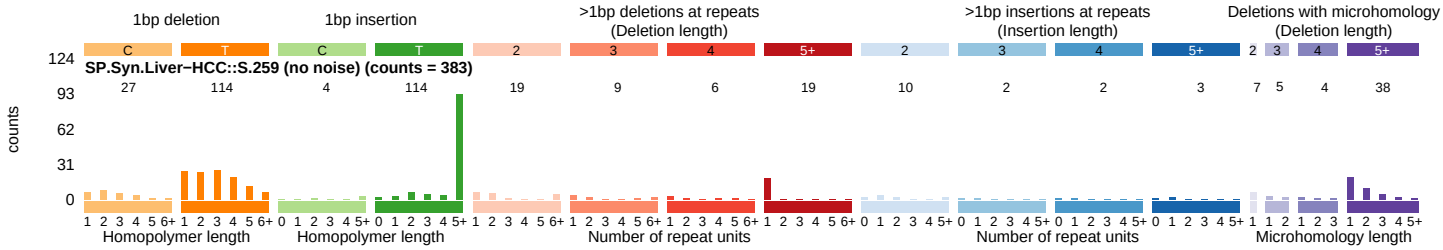

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.254 (no noise) (counts = 500)
123 85 10 166 13 3 2 27 7 0 0 2 3 3 2 54
counts
Homopolymer length
Number of repeat units
Microhomology length

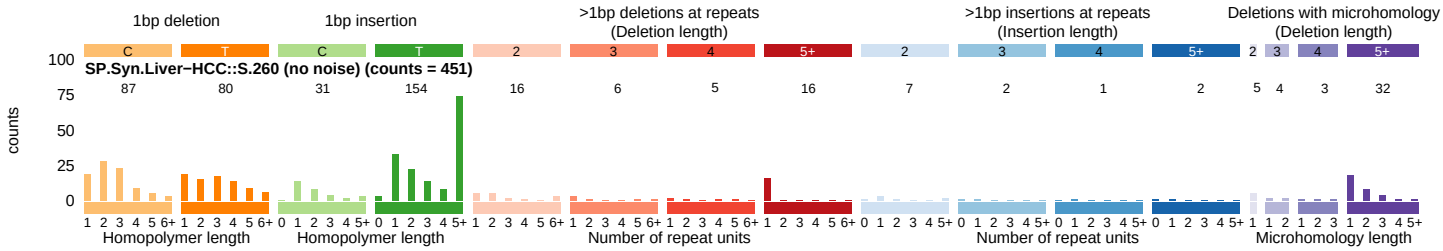

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.255 (no noise) (counts = 420)
121 125 5 87 20 7 5 8 7 2 1 2 6 5 4 15
counts
Homopolymer length
Number of repeat units
Microhomology length

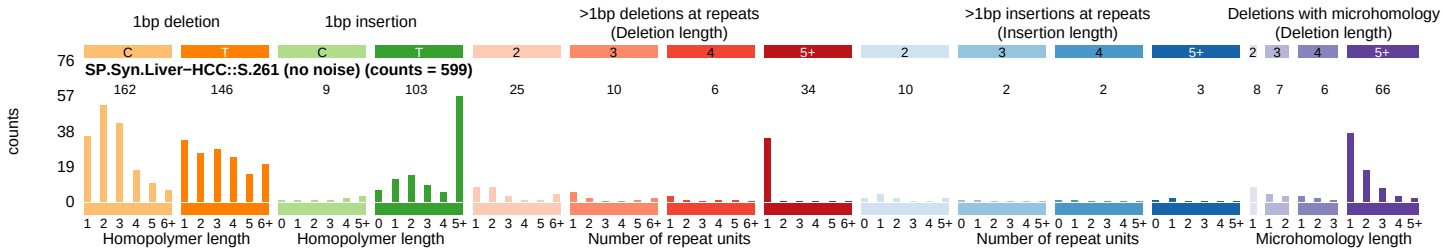

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.256 (no noise) (counts = 404)
62 82 18 118 14 6 4 26 6 1 1 3 4 4 4 51
counts
Homopolymer length
Number of repeat units
Microhomology length

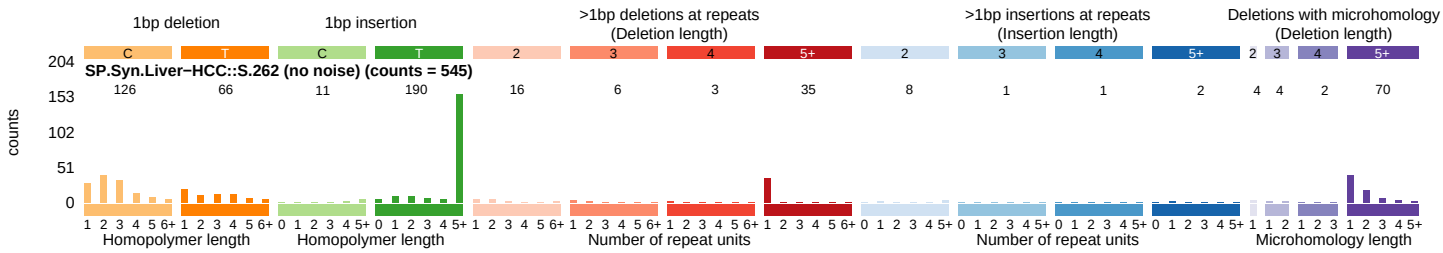

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.257 (no noise) (counts = 659)
130 199 9 153 30 13 7 25 14 3 2 3 10 8 6 47
counts
Homopolymer length
Number of repeat units
Microhomology length

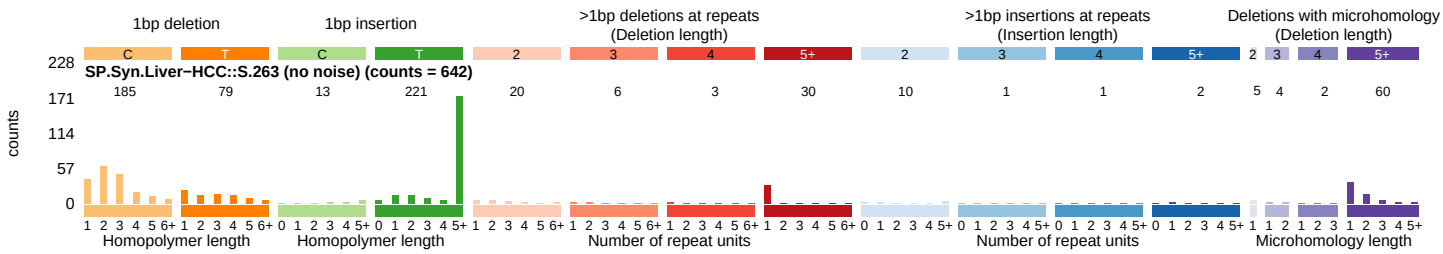

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.258 (no noise) (counts = 859)
128 236 12 253 42 21 12 29 20 6 4 5 14 12 9 56
counts
Homopolymer length
Number of repeat units
Microhomology length

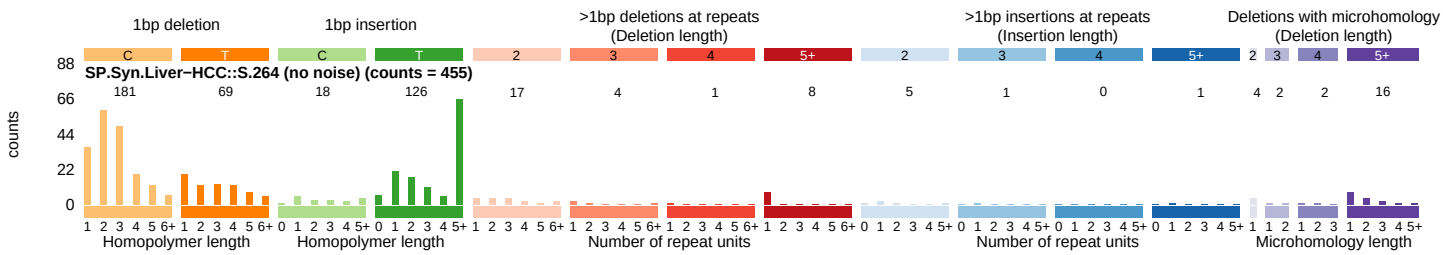

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.259 (no noise) (counts = 383)
27 114 4 114 19 9 6 19 10 2 2 3 7 5 4 38
counts
Homopolymer length
Number of repeat units
Microhomology length

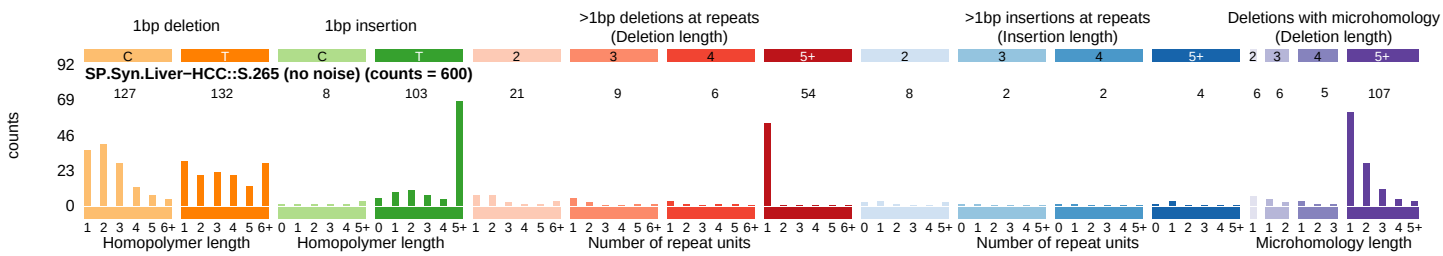

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.260 (no noise) (counts = 451)
87 80 31 154 16 6 5 16 7 2 1 2 5 4 3 32
counts
Homopolymer length
Number of repeat units
Microhomology length

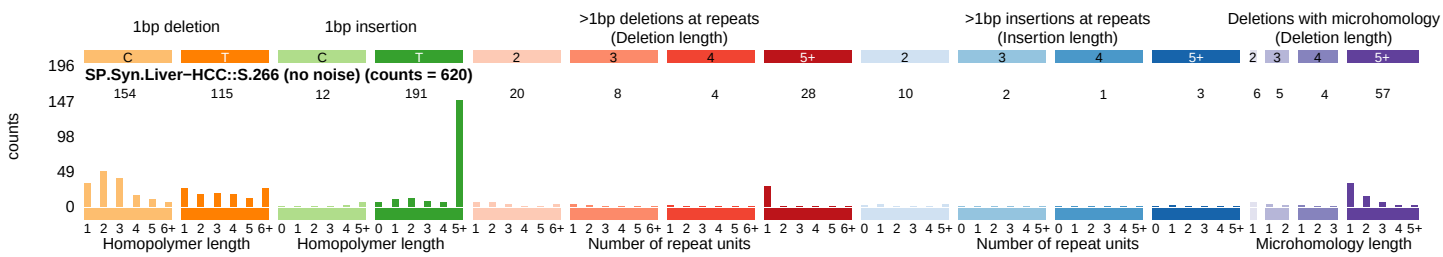

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.261 (no noise) (counts = 599)
162 146 9 103 25 10 6 34 10 2 2 3 8 7 6 66
counts
Homopolymer length
Number of repeat units
Microhomology length

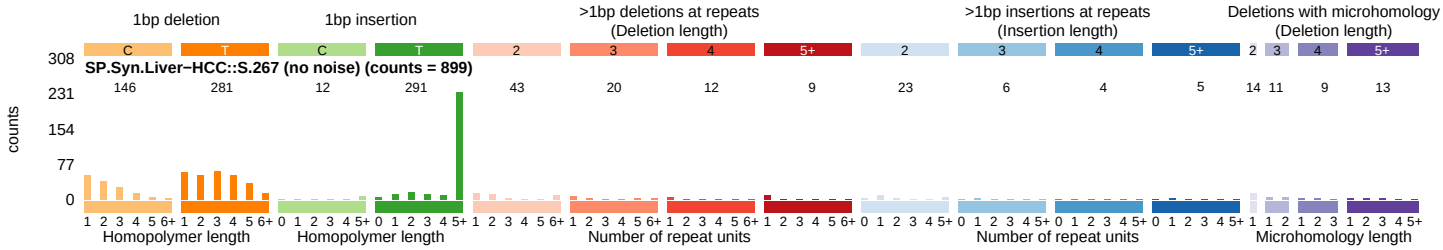

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.262 (no noise) (counts = 545)
126 66 11 190 16 6 3 35 8 1 1 2 4 4 2 70
counts
Homopolymer length
Number of repeat units
Microhomology length

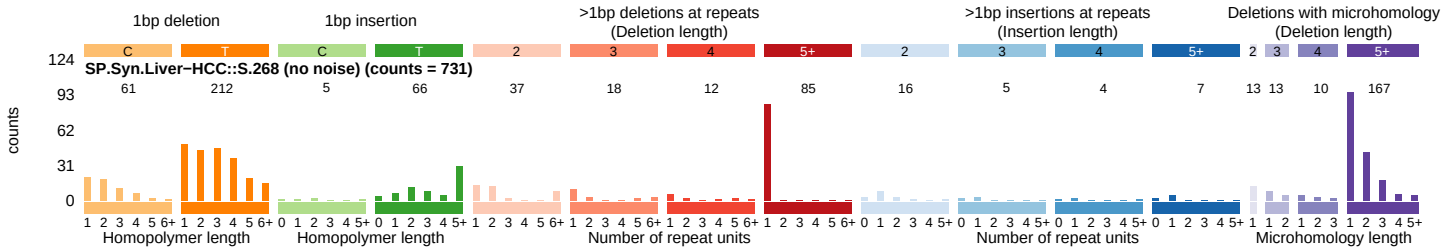

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.263 (no noise) (counts = 642)
185 79 13 221 20 6 3 30 10 1 1 2 5 4 2 60
counts
Homopolymer length
Number of repeat units
Microhomology length

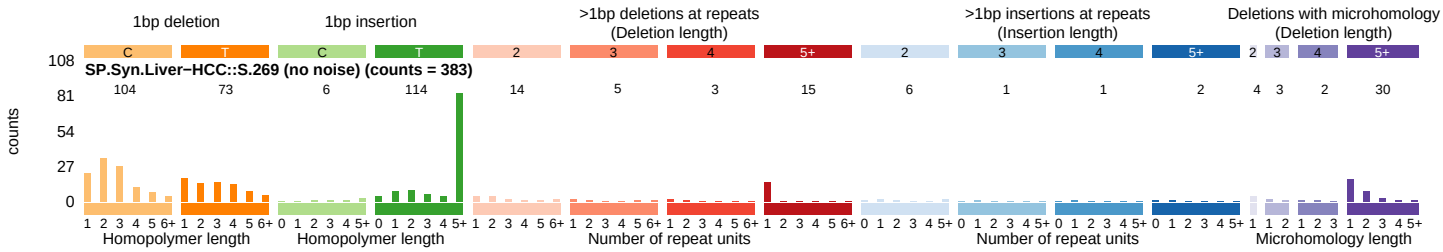

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.264 (no noise) (counts = 455)
181 69 18 126 17 4 1 8 5 1 0 1 4 2 2 16
counts
Homopolymer length
Number of repeat units
Microhomology length

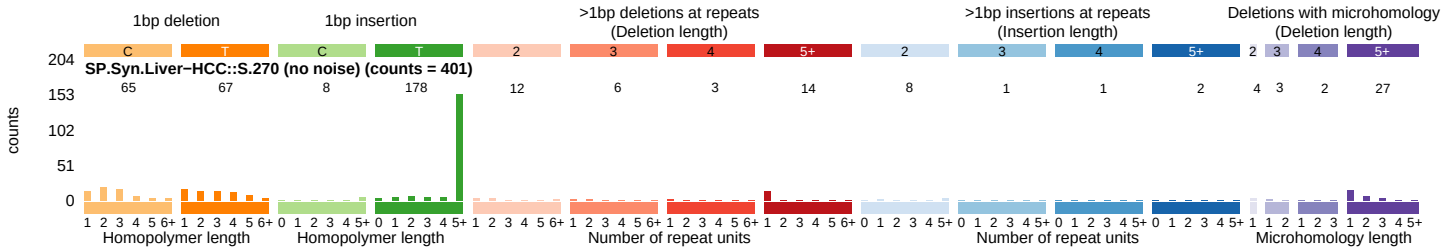

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.265 (no noise) (counts = 600)
127 132 8 103 21 9 6 54 8 2 2 4 6 6 5 107
counts
Homopolymer length
Number of repeat units
Microhomology length

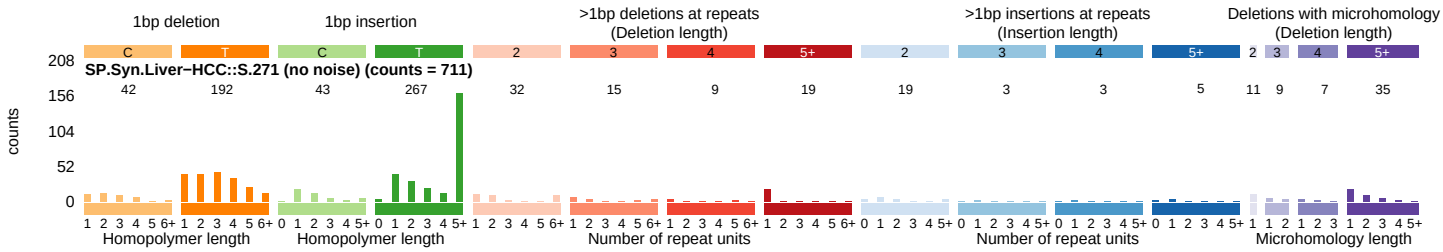

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.266 (no noise) (counts = 620)
154 115 12 191 20 8 4 28 10 2 1 3 6 5 4 57
counts
Homopolymer length
Number of repeat units
Microhomology length

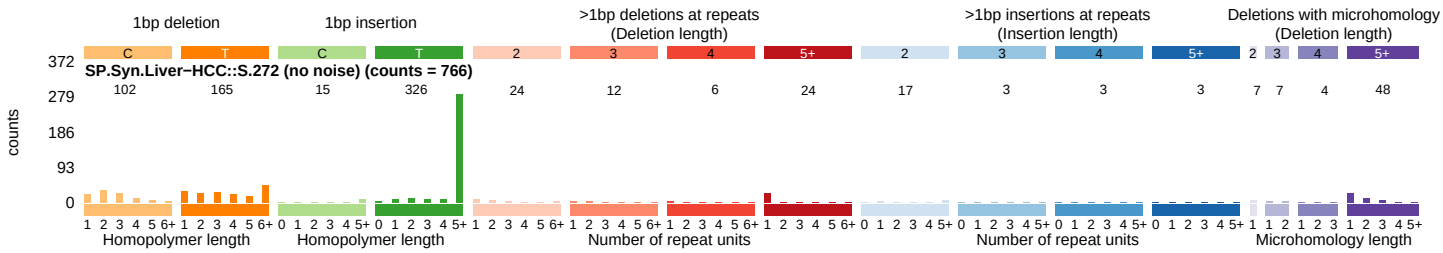

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.267 (no noise) (counts = 899)
counts
Homopolymer length
Number of repeat units
Microhomology length

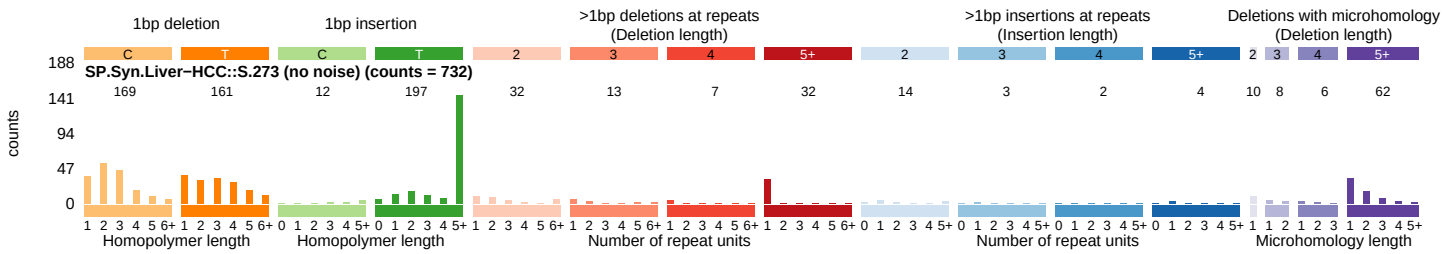

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.268 (no noise) (counts = 731)
counts
Homopolymer length
Number of repeat units
Microhomology length

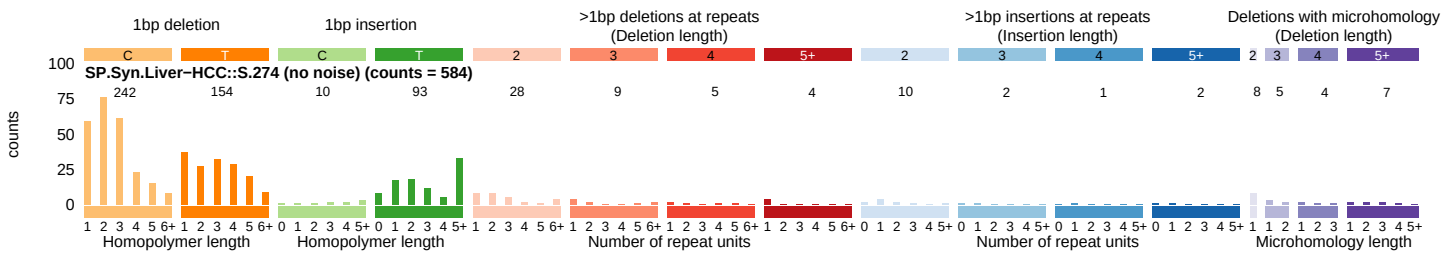

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.269 (no noise) (counts = 383)
counts
Homopolymer length
Number of repeat units
Microhomology length

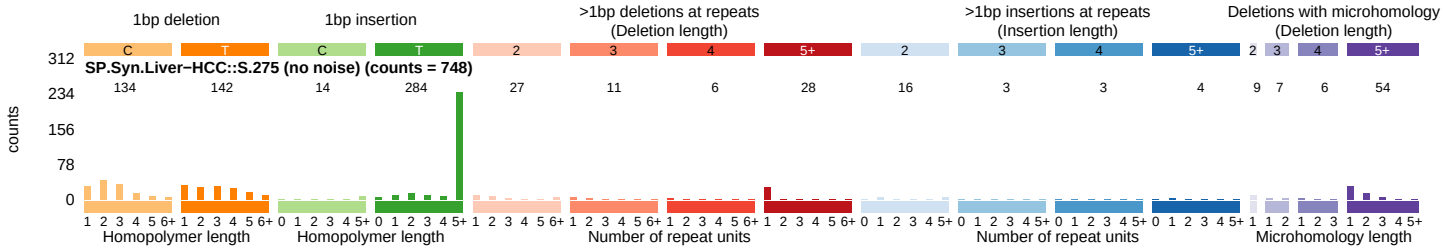

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.270 (no noise) (counts = 401)
counts
Homopolymer length
Number of repeat units
Microhomology length

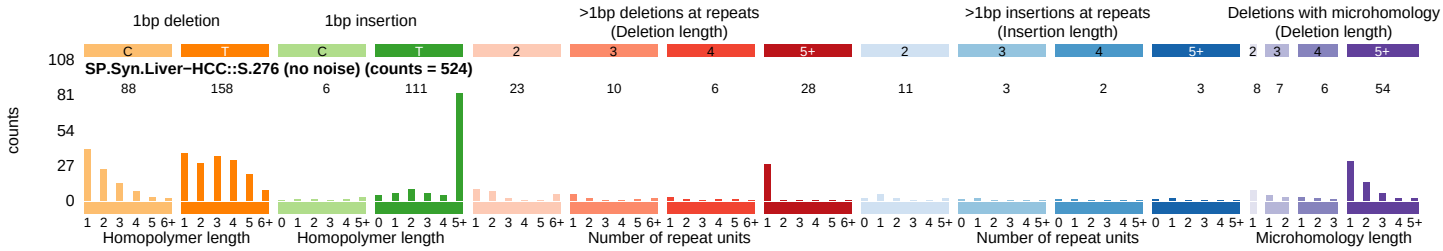

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.271 (no noise) (counts = 711)
counts
Homopolymer length
Number of repeat units
Microhomology length

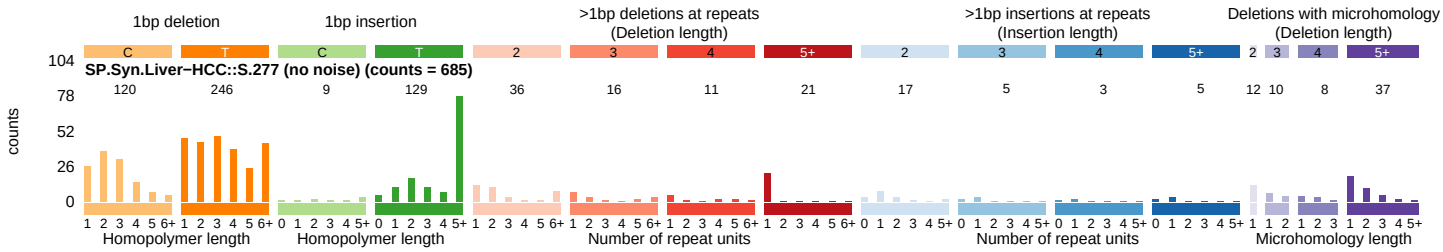

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.272 (no noise) (counts = 766)
counts
Homopolymer length
Number of repeat units
Microhomology length

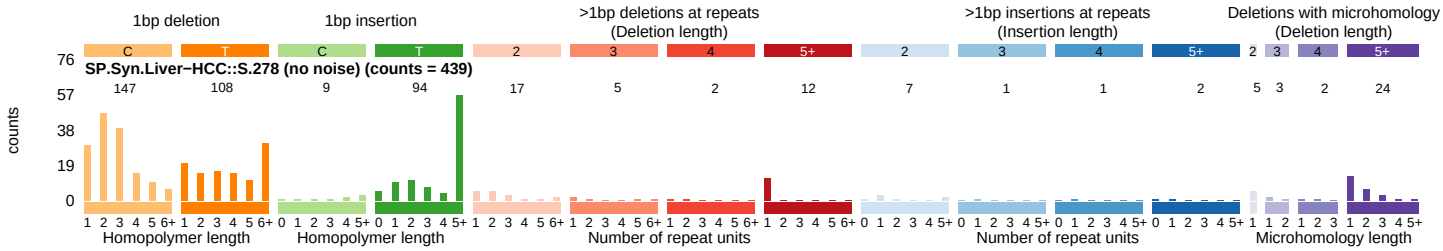

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.273 (no noise) (counts = 732)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.274 (no noise) (counts = 584)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.275 (no noise) (counts = 748)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.276 (no noise) (counts = 524)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.277 (no noise) (counts = 685)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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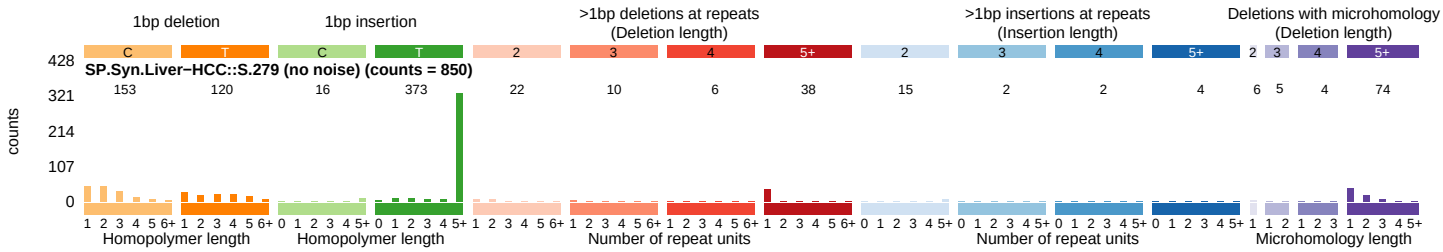
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.278 (no noise) (counts = 439)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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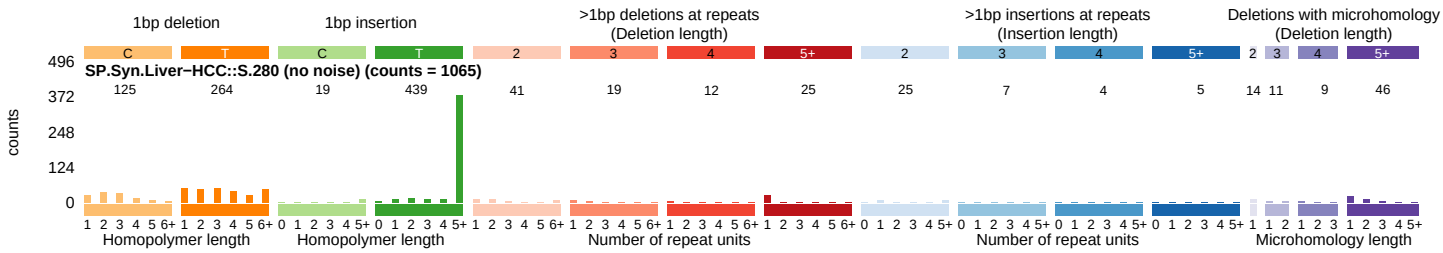
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.279 (no noise) (counts = 850)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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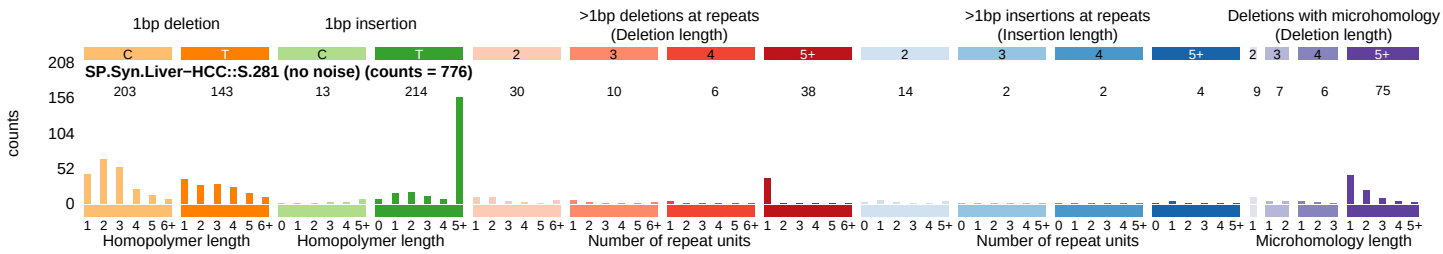
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.280 (no noise) (counts = 1065)
counts
Homopolymer length
Number of repeat units
Microhomology length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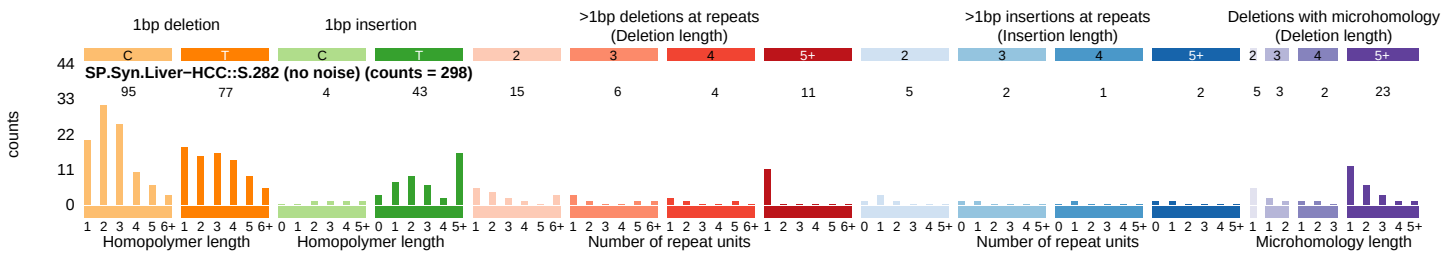
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.281 (no noise) (counts = 776)
counts
Homopolymer length
Number of repeat units
Microhomology length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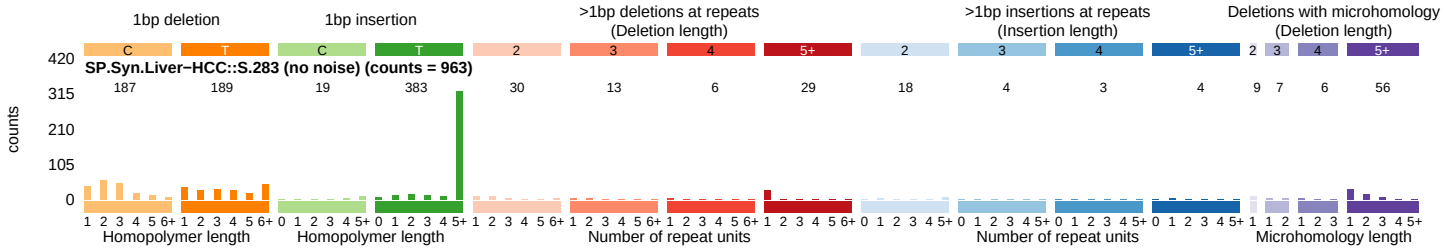
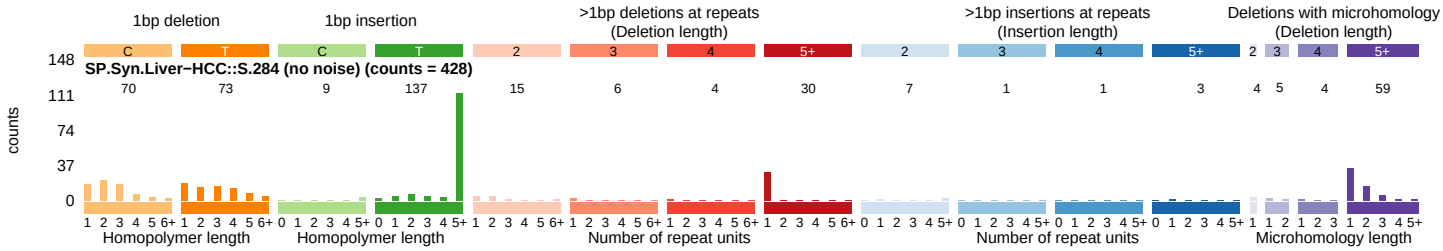
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.282 (no noise) (counts = 298)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.283 (no noise) (counts = 963)
187 189 19 383 30 13 6 29 18 4 3 4 9 7 6 56
counts
420 315 210 105 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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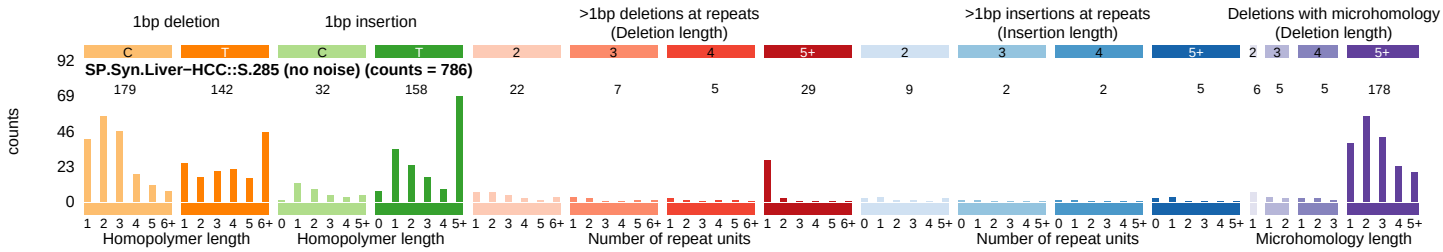
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.284 (no noise) (counts = 428)
70 73 9 137 15 6 4 30 7 1 1 3 4 5 4 59
counts
148 111 74 37 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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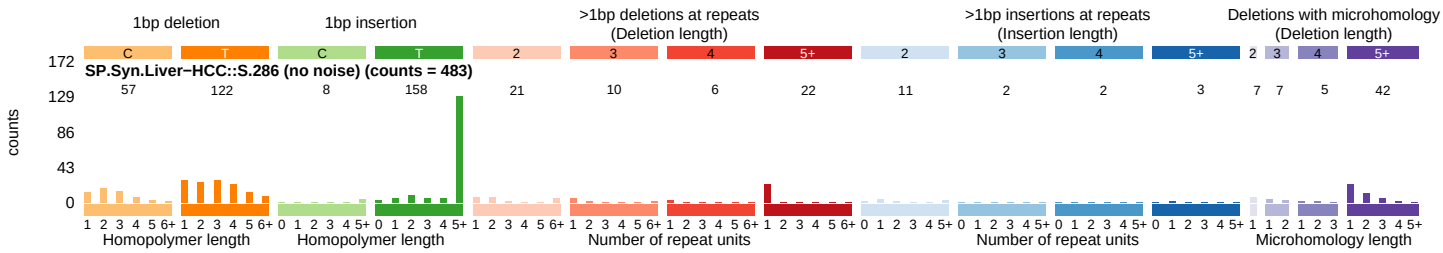
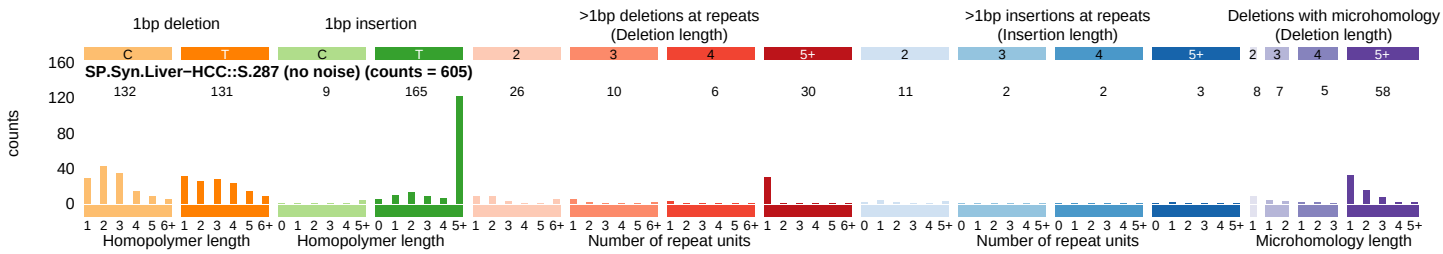
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.285 (no noise) (counts = 786)
179 142 32 158 22 7 5 29 9 2 2 5 6 5 5 178
counts
92 69 46 23 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.286 (no noise) (counts = 483)
57 122 8 158 21 10 6 22 11 2 2 3 7 7 5 42
counts
172 129 86 43 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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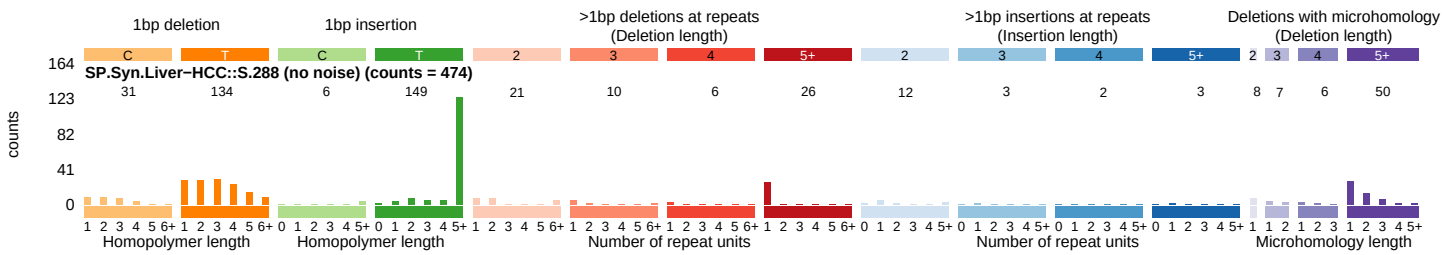
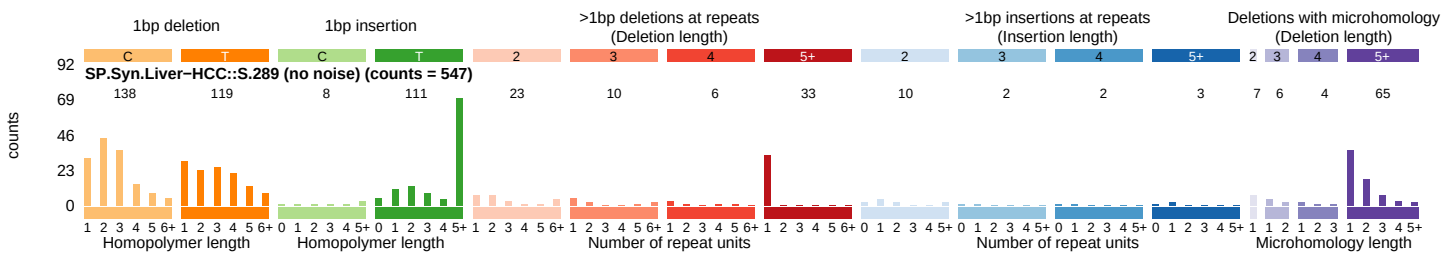
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.287 (no noise) (counts = 605)
132 131 9 165 26 10 6 30 11 2 2 3 8 7 5 58
counts
160 120 80 40 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.288 (no noise) (counts = 474)
31 134 6 149 21 10 6 26 12 3 2 3 8 7 6 50
counts
164 123 82 41 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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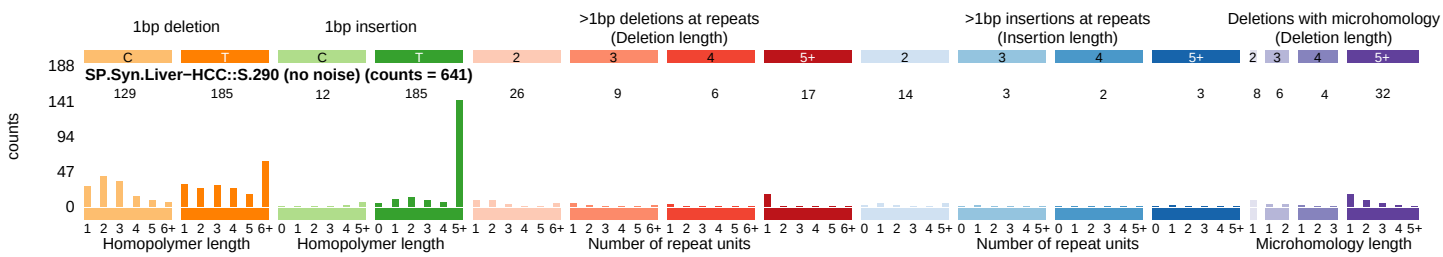
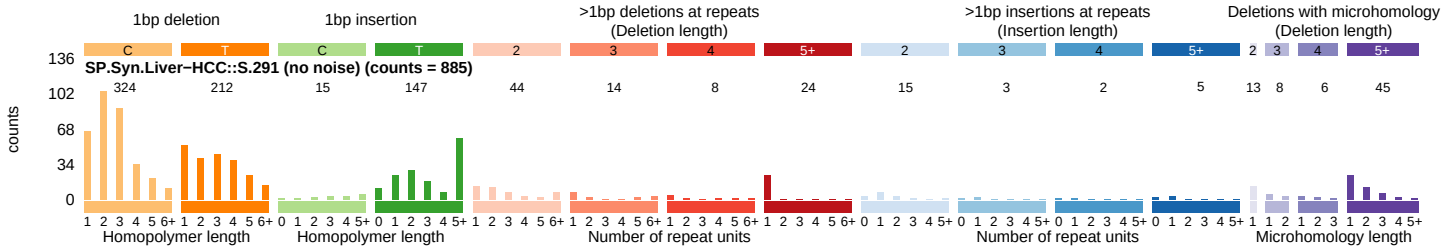
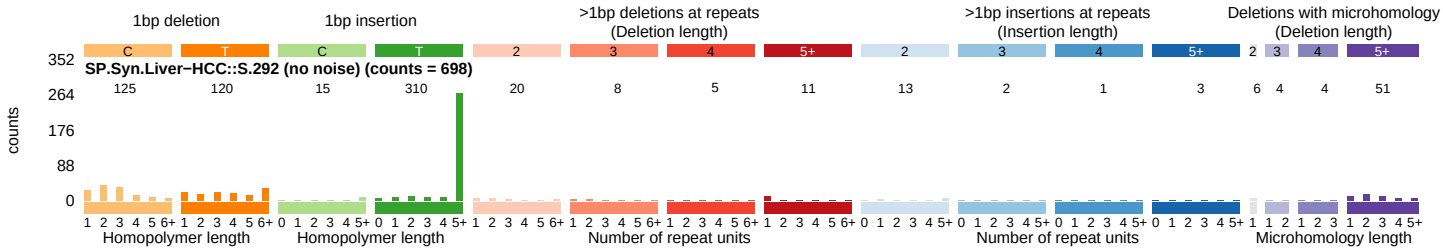
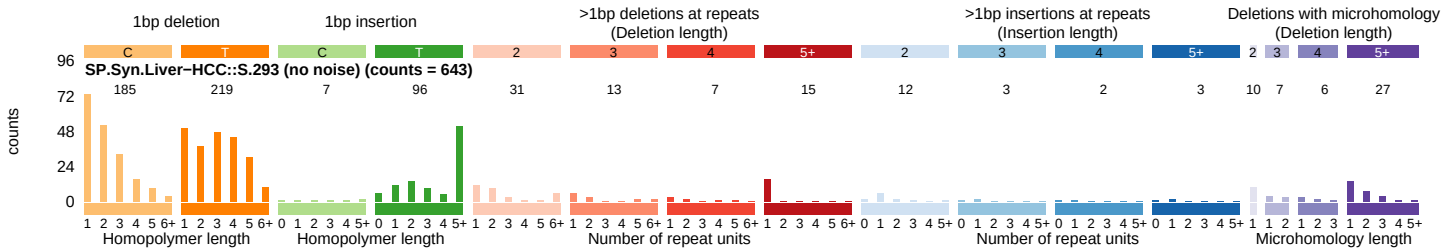
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.289 (no noise) (counts = 547)
138 119 8 111 23 10 6 33 10 2 2 3 7 6 4 65
counts
92 69 46 23 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.290 (no noise) (counts = 641)
129 185 12 185 26 9 6 17 14 3 2 3 8 6 4 32
counts
188 141 94 47 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.291 (no noise) (counts = 885)
324 212 15 147 44 14 8 24 15 3 2 5 13 8 6 45
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.292 (no noise) (counts = 698)
125 120 15 310 20 8 5 11 13 2 1 3 6 4 4 51
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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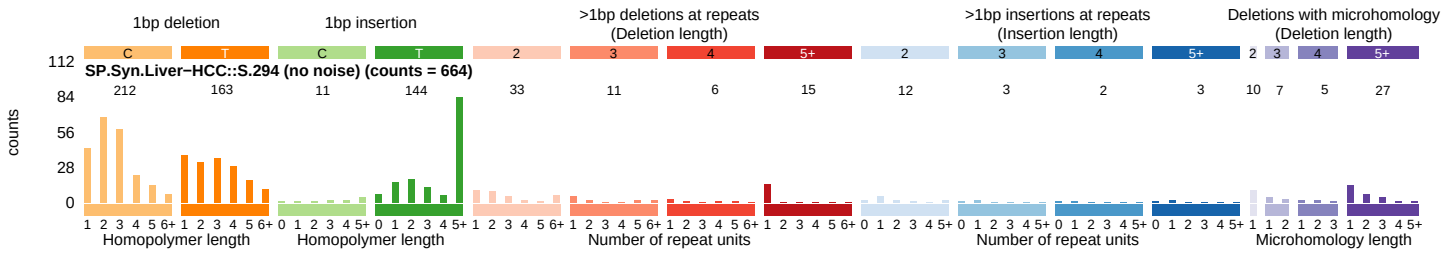
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.293 (no noise) (counts = 643)
185 219 7 96 31 13 7 15 12 3 2 3 10 7 6 27
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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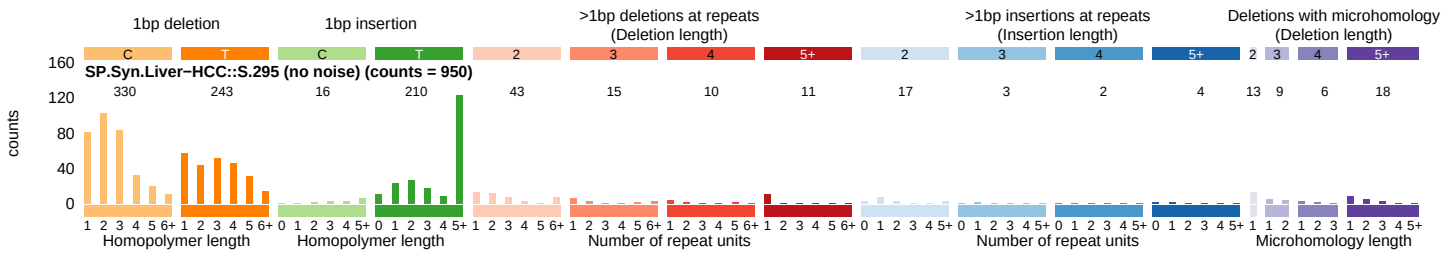
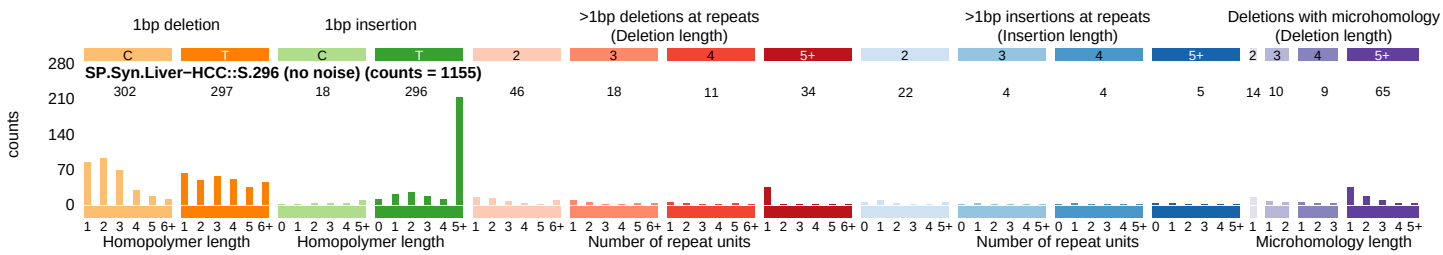
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.294 (no noise) (counts = 664)
212 163 11 144 33 11 6 15 12 3 2 3 10 7 5 27
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.295 (no noise) (counts = 950)
330 243 16 210 43 15 10 11 17 3 2 4 13 9 6 18
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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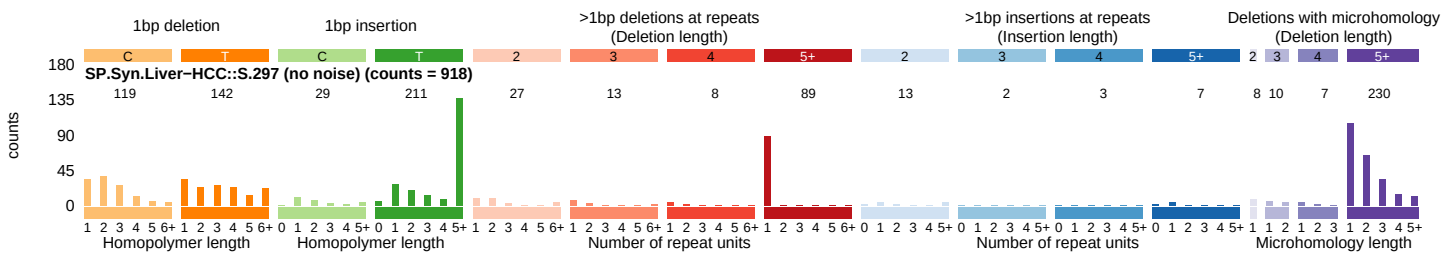
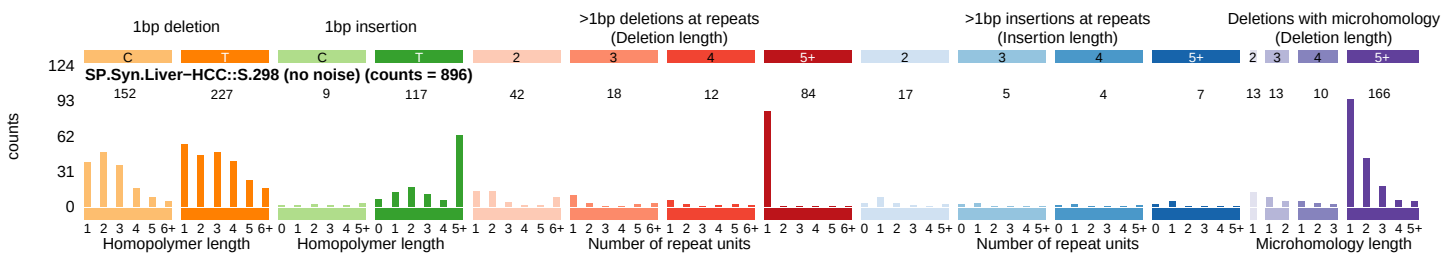
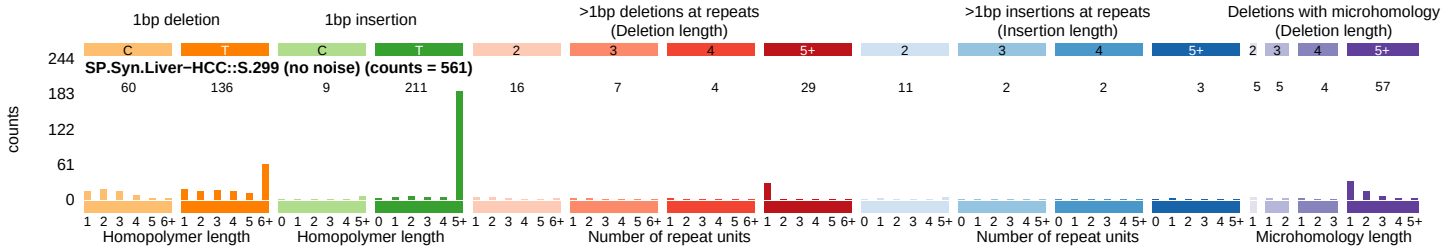
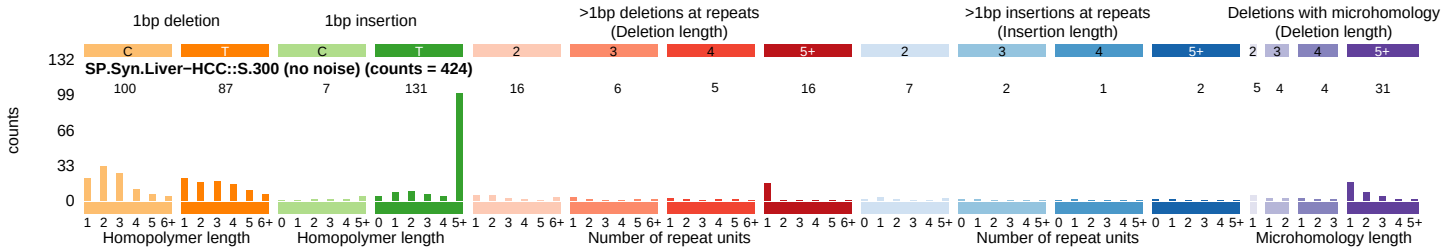
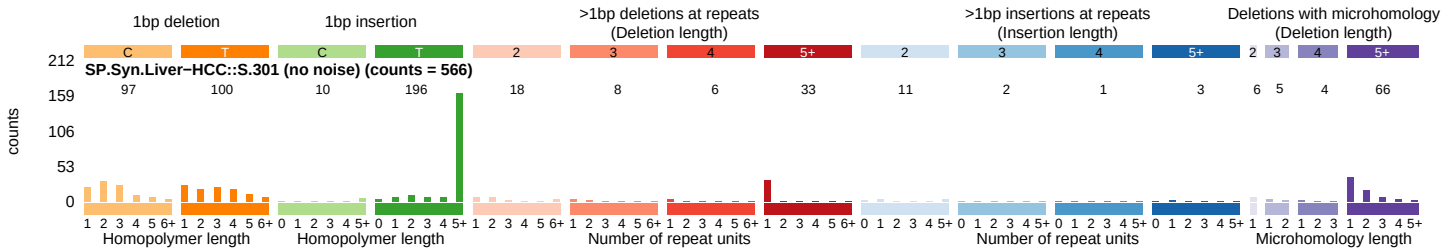
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.296 (no noise) (counts = 1155)
302 297 18 296 46 18 11 34 22 4 4 5 14 10 9 65
counts
Homopolymer length
Number of repeat units
Microhomology length

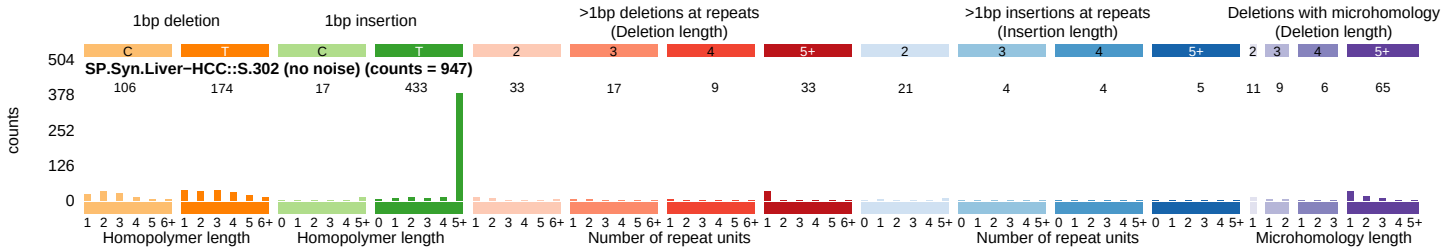

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.297 (no noise) (counts = 918)
119 142 29 211 27 13 8 89 13 2 3 7 8 10 7 230
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.298 (no noise) (counts = 896)
152 227 9 117 42 18 12 84 17 5 4 7 13 13 10 166
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.299 (no noise) (counts = 561)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.300 (no noise) (counts = 424)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.301 (no noise) (counts = 566)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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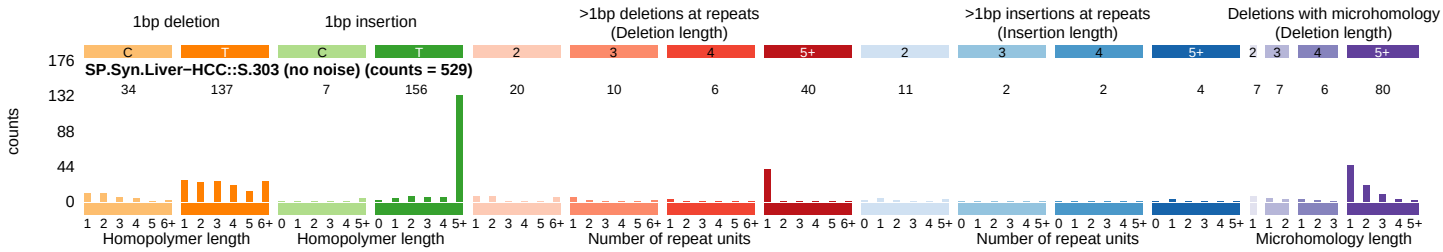
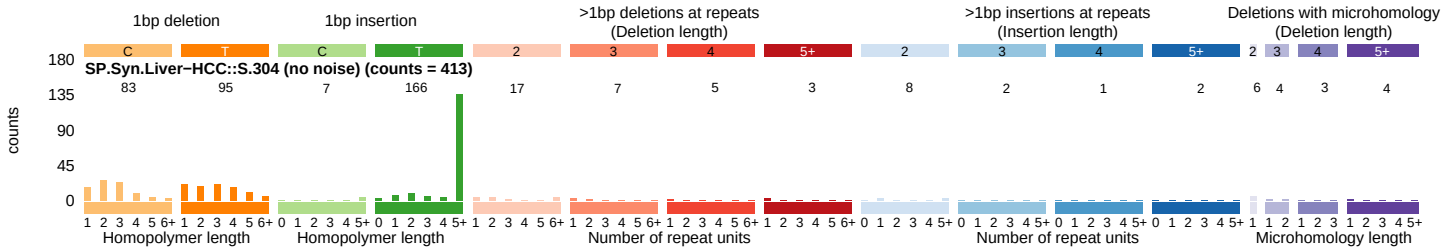
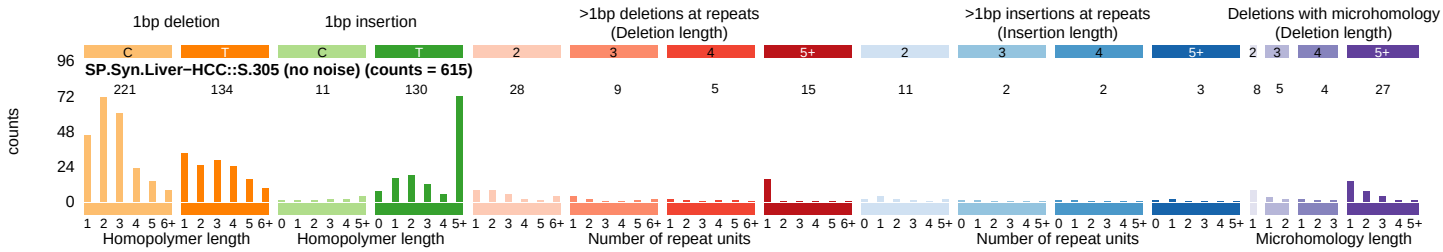
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.302 (no noise) (counts = 947)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.303 (no noise) (counts = 529)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.304 (no noise) (counts = 413)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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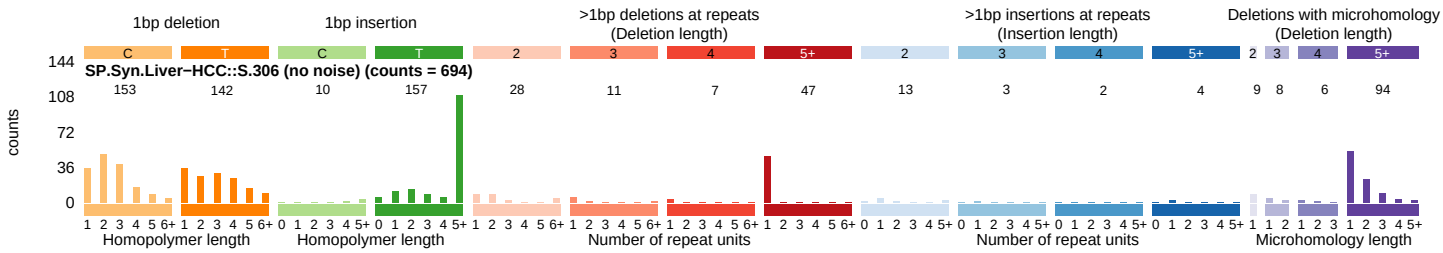
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.305 (no noise) (counts = 615)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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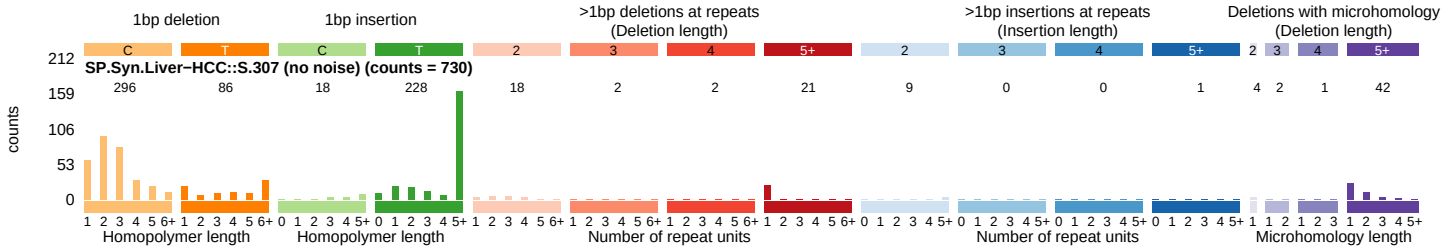
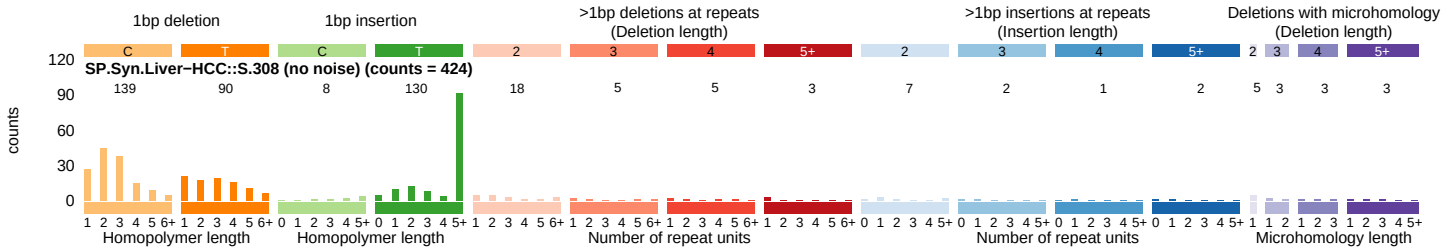
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.306 (no noise) (counts = 694)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.307 (no noise) (counts = 730)
296 86 18 228 18 2 2 21 9 0 0 1 4 2 1 42
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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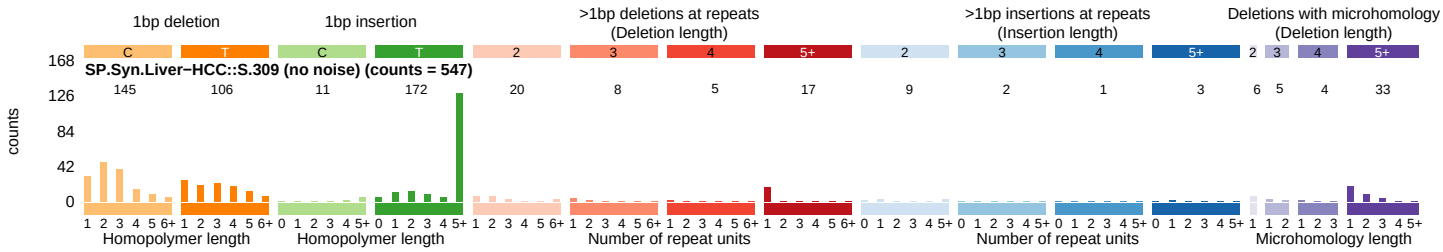
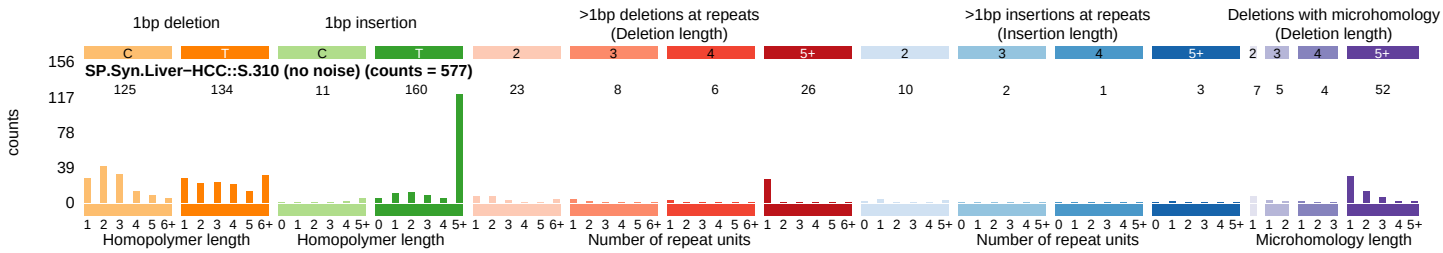
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.308 (no noise) (counts = 424)
139 90 8 130 18 5 5 3 7 2 1 2 5 3 3 3
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.309 (no noise) (counts = 547)
145 106 11 172 20 8 5 17 9 2 1 3 6 5 4 33
counts
Homopolymer length
Number of repeat units
Microhomology length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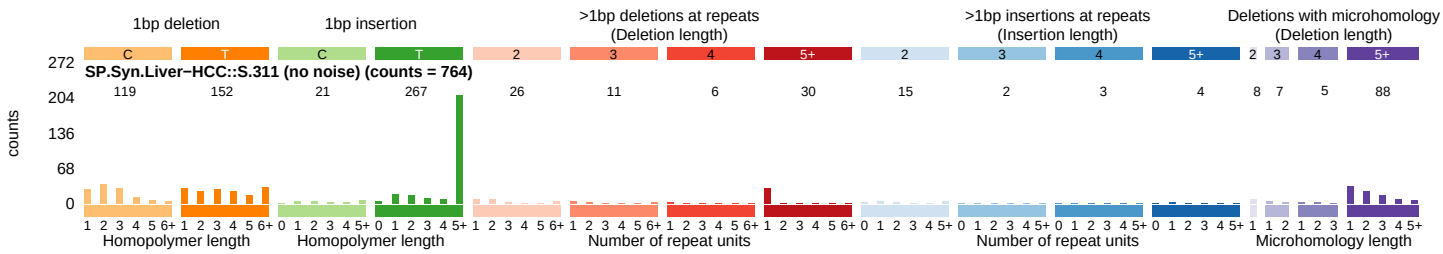
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.310 (no noise) (counts = 577)
125 134 11 160 23 8 6 26 10 2 1 3 7 5 4 52
counts
Homopolymer length
Number of repeat units
Microhomology length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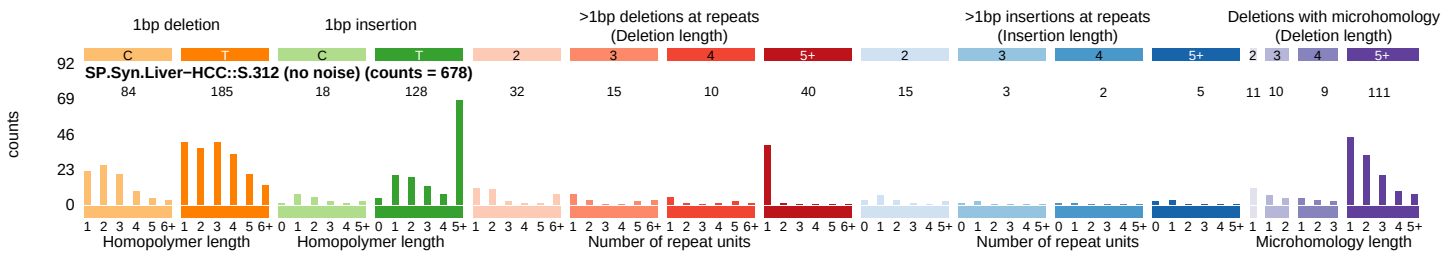
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.311 (no noise) (counts = 764)
119 152 21 267 26 11 6 30 15 2 3 4 8 7 5 88
counts
Homopolymer length
Number of repeat units
Microhomology length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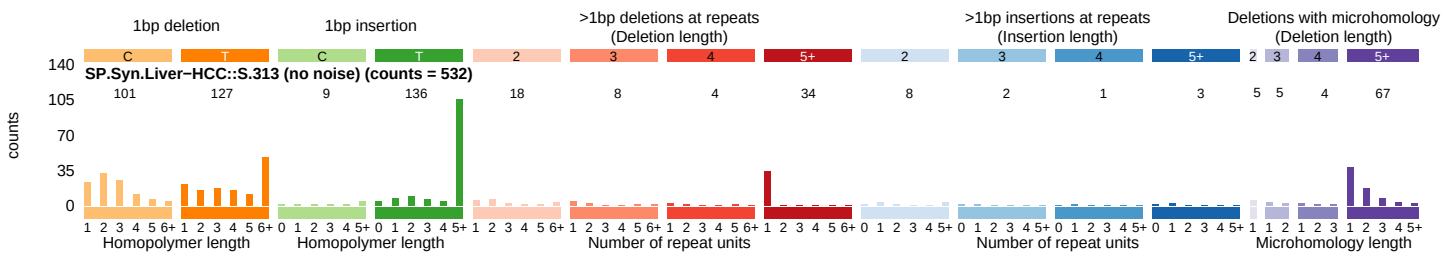
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.312 (no noise) (counts = 678)
84 185 18 128 32 15 10 40 15 3 2 5 11 10 9 111
counts
Homopolymer length
Number of repeat units
Microhomology length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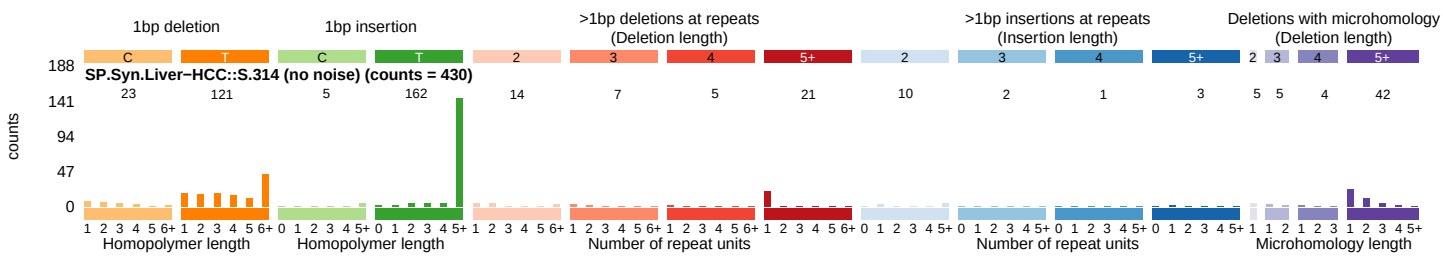
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.313 (no noise) (counts = 532)
101 127 9 136 18 8 4 34 8 2 1 3 5 5 4 67
counts
Homopolymer length
Number of repeat units
Microhomology length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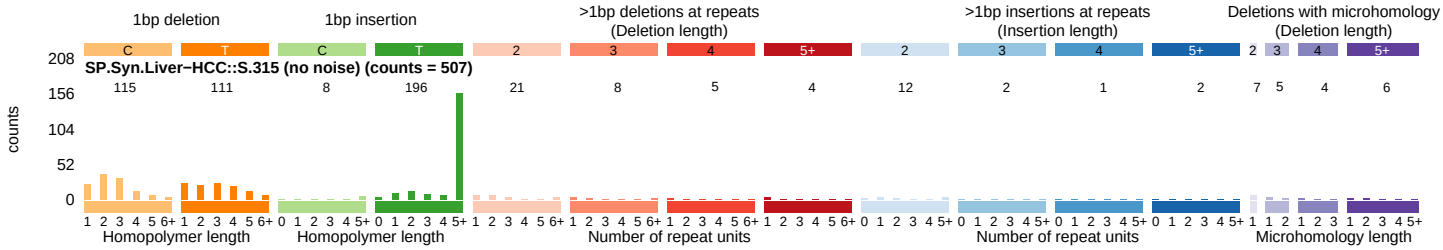
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.314 (no noise) (counts = 430)
23 121 5 162 14 7 5 21 10 2 1 3 5 5 4 42
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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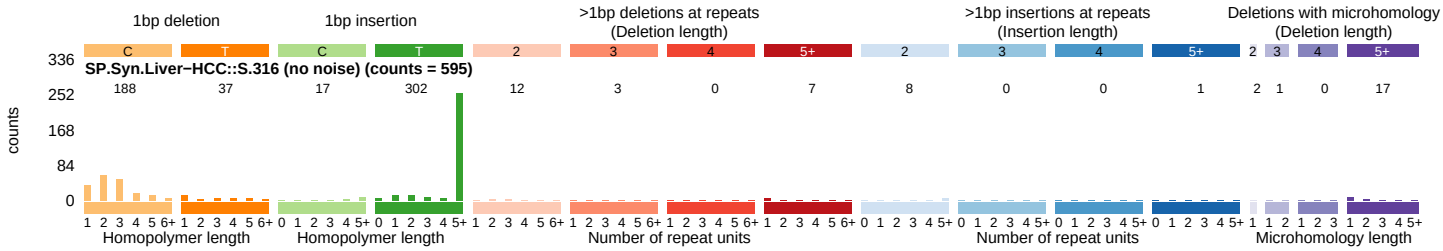
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.315 (no noise) (counts = 507)
115 111 8 196 21 8 5 4 12 2 1 2 7 5 4 6
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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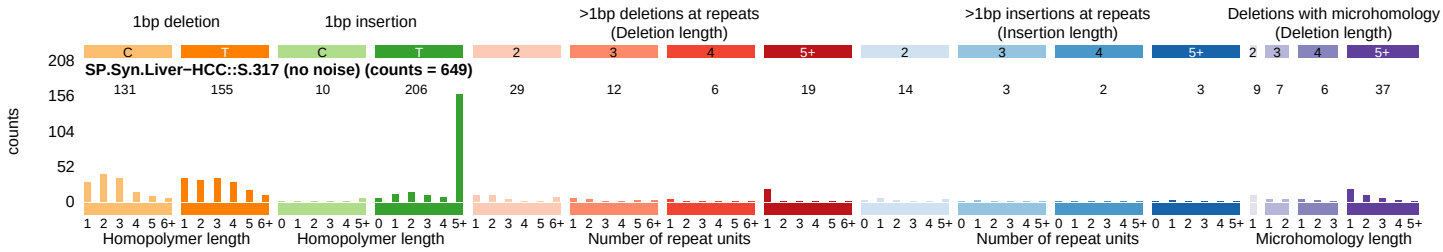
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.316 (no noise) (counts = 595)
188 37 17 302 12 3 0 7 8 0 0 1 2 1 0 17
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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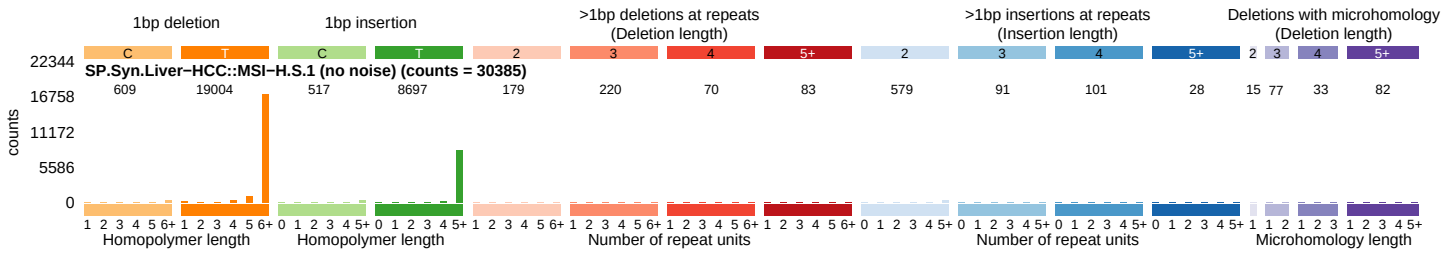
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.317 (no noise) (counts = 649)
131 155 10 206 29 12 6 19 14 3 2 3 9 7 6 37
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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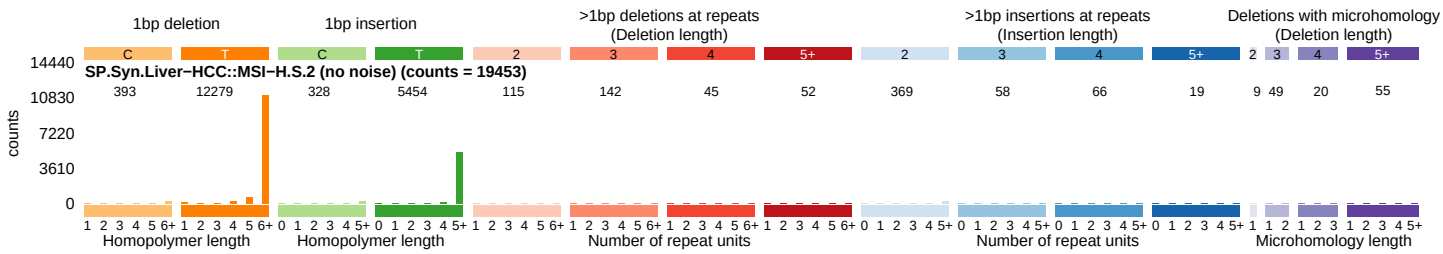
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::MSI−H.S.1 (no noise) (counts = 30385)
609 19004 517 8697 179 220 70 83 579 91 101 28 15 77 33 82
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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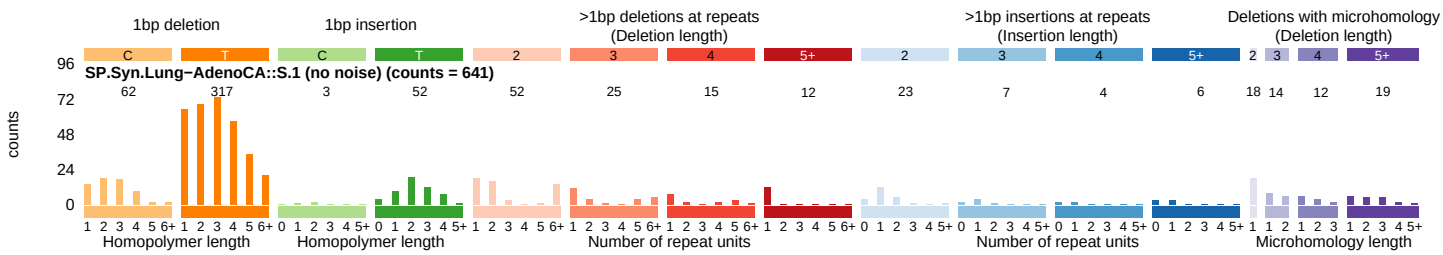
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::MSI−H.S.2 (no noise) (counts = 19453)
393 12279 328 5454 115 142 45 52 369 58 66 19 9 49 20 55
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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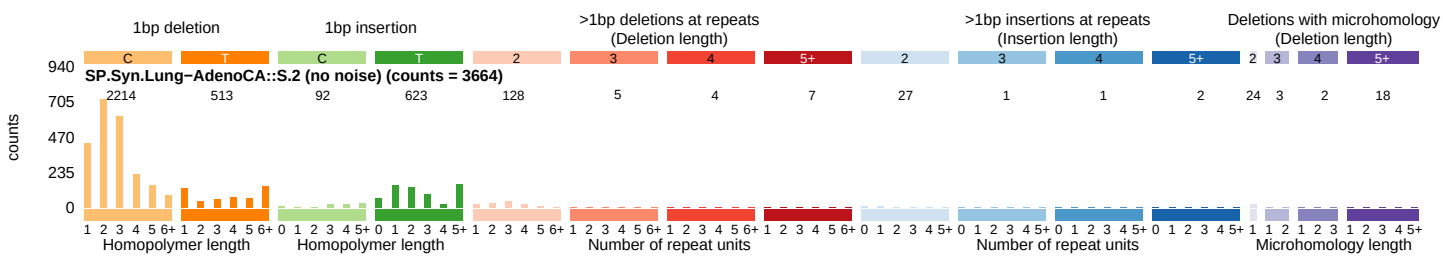
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.1 (no noise) (counts = 641)
62 317 3 52 52 25 15 12 23 7 4 6 18 14 12 19
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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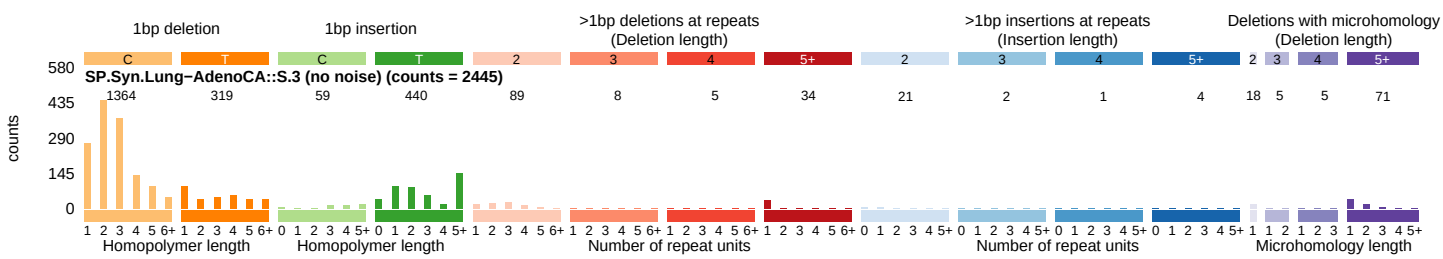
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.2 (no noise) (counts = 3664)
2214 513 92 623 128 5 4 7 27 1 1 2 24 3 2 18
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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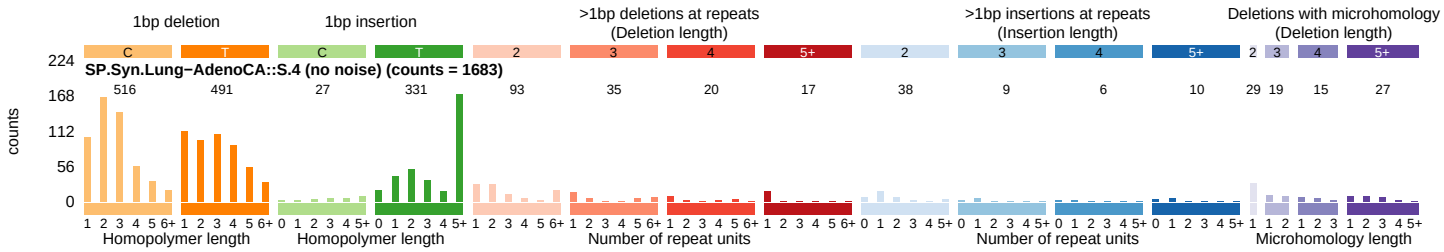
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.3 (no noise) (counts = 2445)
1364 319 59 440 89 8 5 34 21 2 1 4 18 5 5 71
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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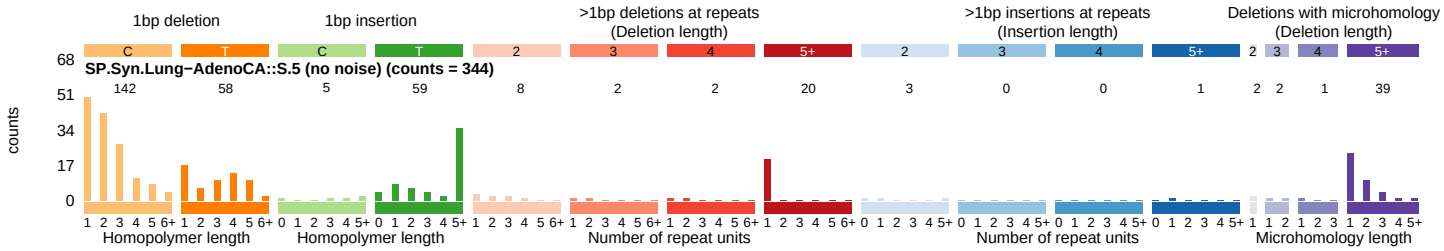
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.4 (no noise) (counts = 1683)
516 491 27 331 93 35 20 17 38 9 6 10 29 19 15 27
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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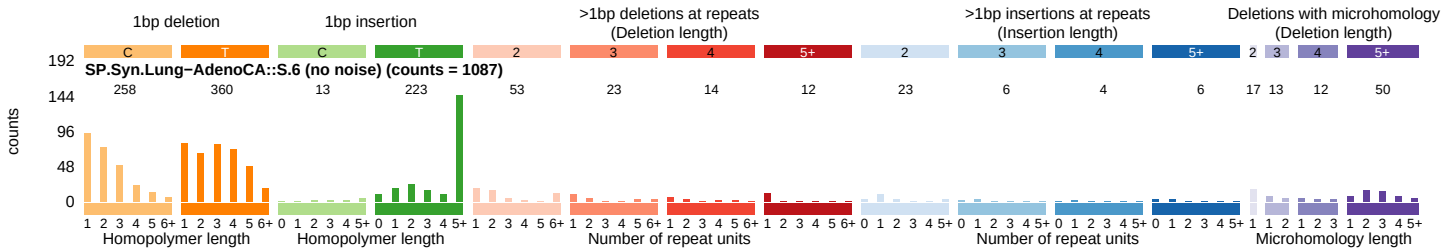
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.5 (no noise) (counts = 344)
142 58 5 59 8 2 2 20 3 0 0 1 2 2 1 39
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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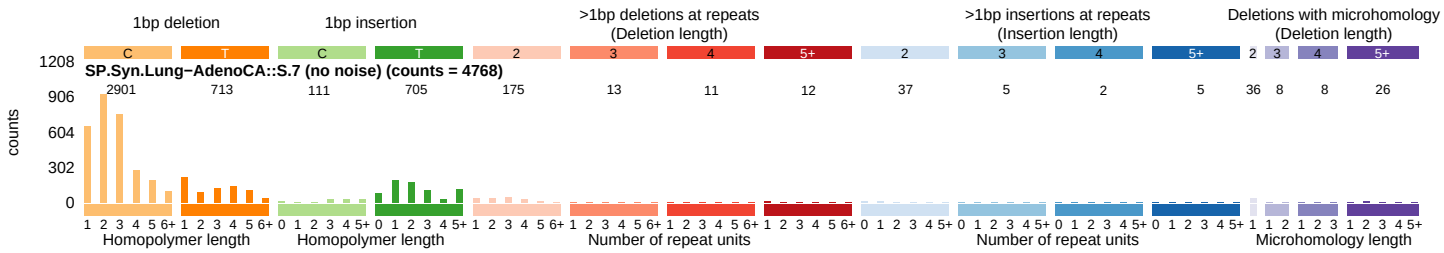
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.6 (no noise) (counts = 1087)
258 360 13 223 53 23 14 12 23 6 4 6 17 13 12 50
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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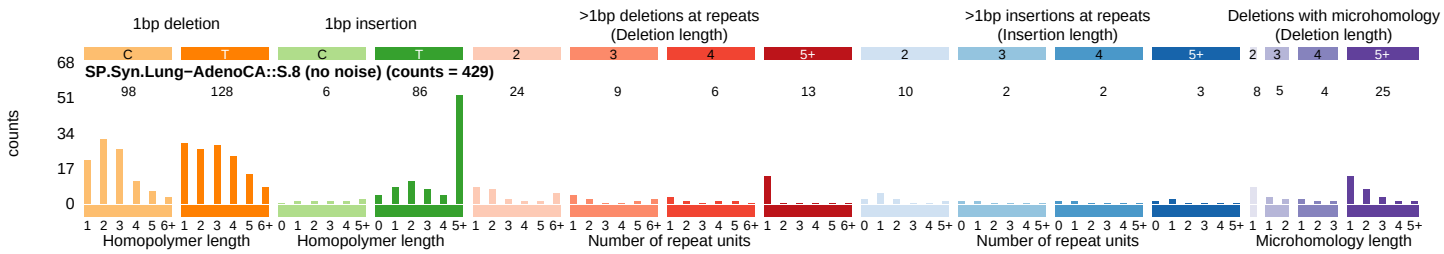
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.7 (no noise) (counts = 4768)
2901 713 111 705 175 13 11 12 37 5 2 5 36 8 8 26
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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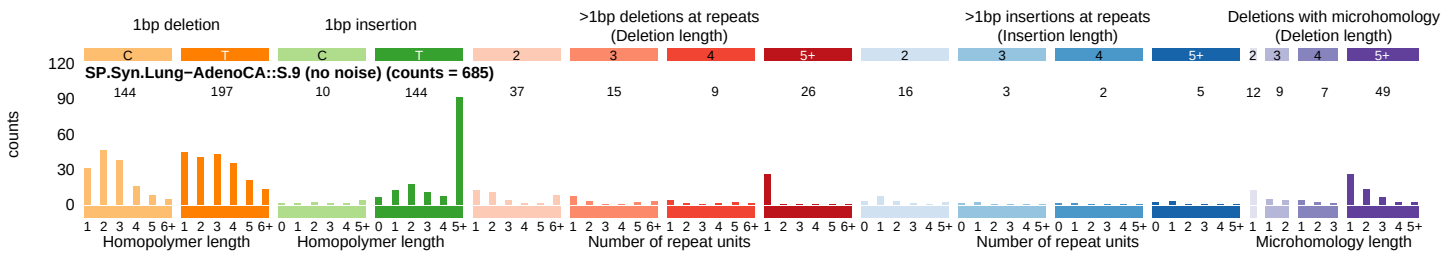
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.8 (no noise) (counts = 429)
98 128 6 86 24 9 6 13 10 2 2 3 8 5 4 25
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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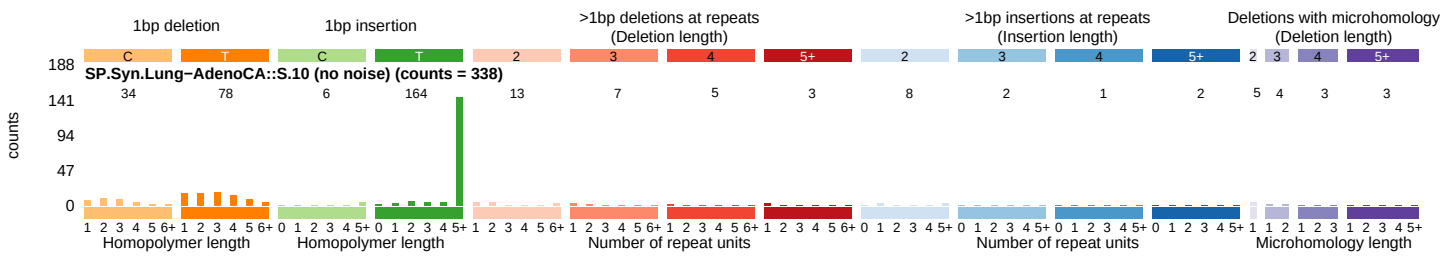
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.9 (no noise) (counts = 685)
144 197 10 144 37 15 9 26 16 3 2 5 12 9 7 49
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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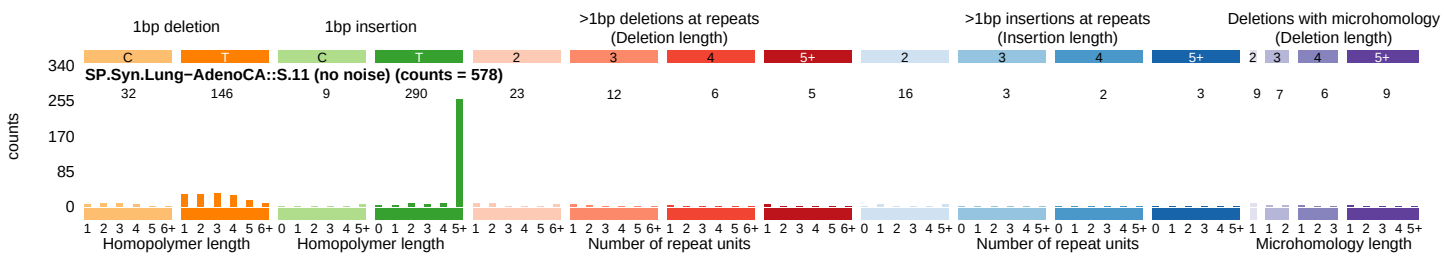
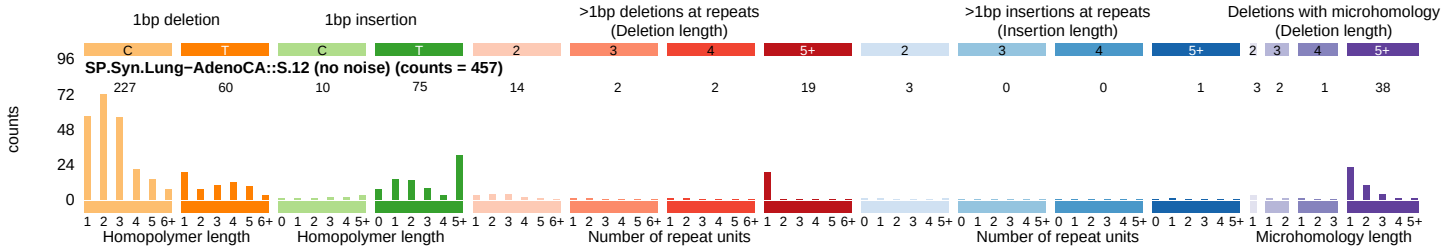
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.10 (no noise) (counts = 338)
34 78 6 164 13 7 5 3 8 2 1 2 5 4 3 3
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.11 (no noise) (counts = 578)
32 146 9 290 23 12 6 5 16 3 2 3 9 7 6 9
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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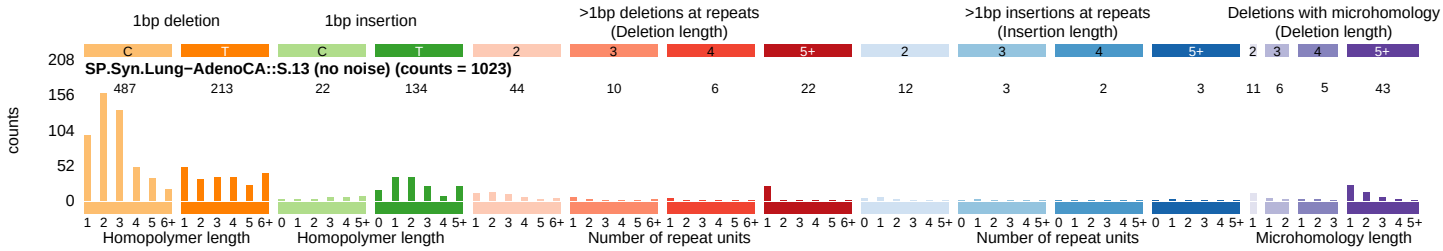
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.12 (no noise) (counts = 457)
227 60 10 75 14 2 2 19 3 0 0 1 3 2 1 38
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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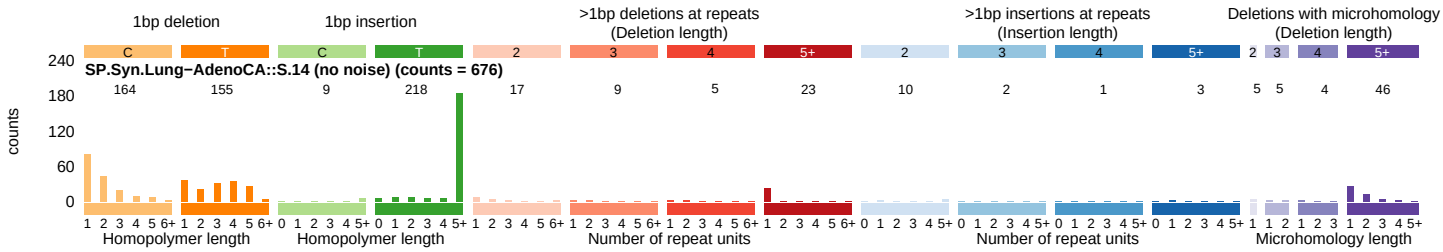
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.13 (no noise) (counts = 1023)
487 213 22 134 44 10 6 22 12 3 2 3 11 6 5 43
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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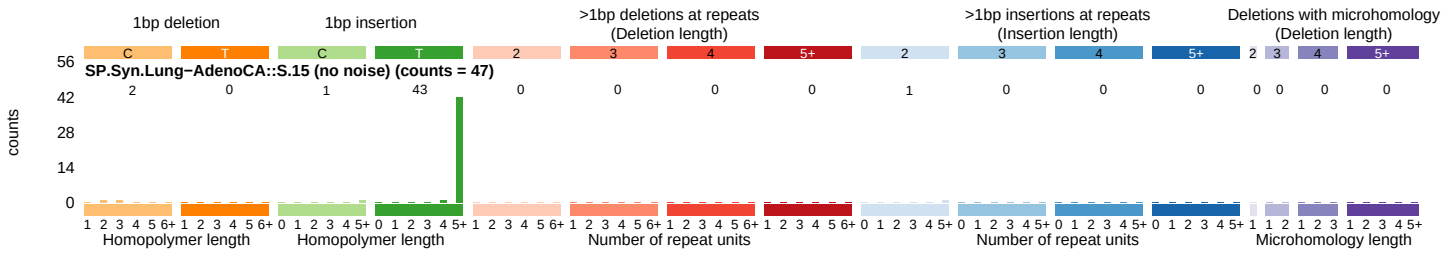
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.14 (no noise) (counts = 676)
164 155 9 218 17 9 5 23 10 2 1 3 5 5 4 46
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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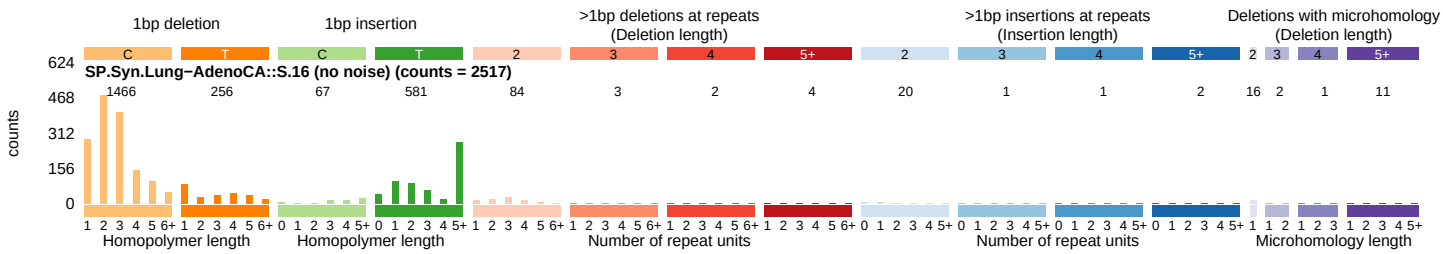
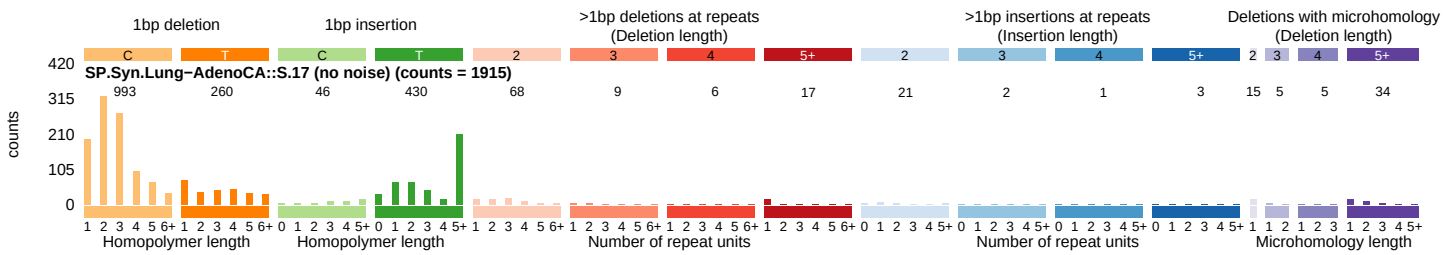
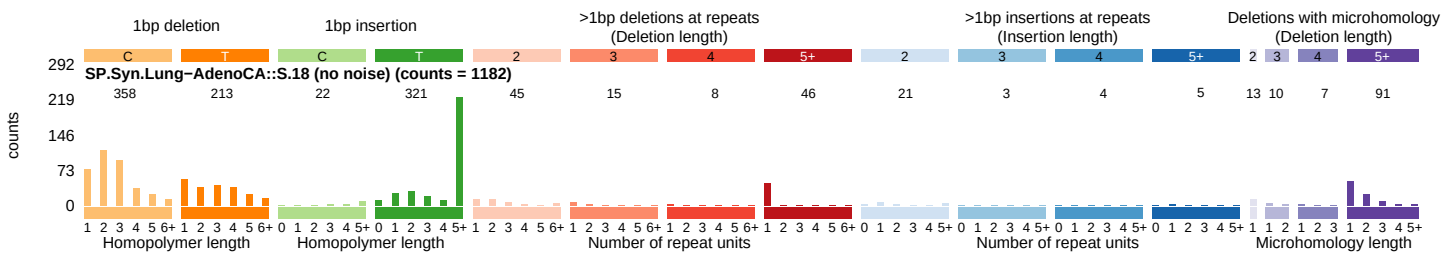
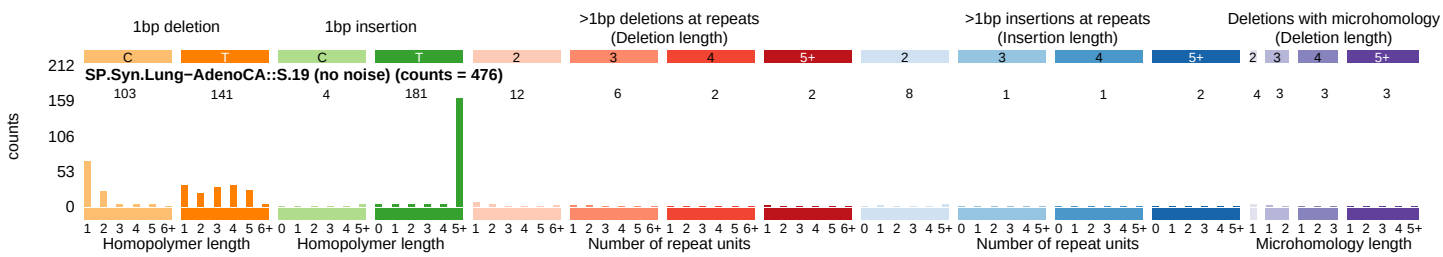
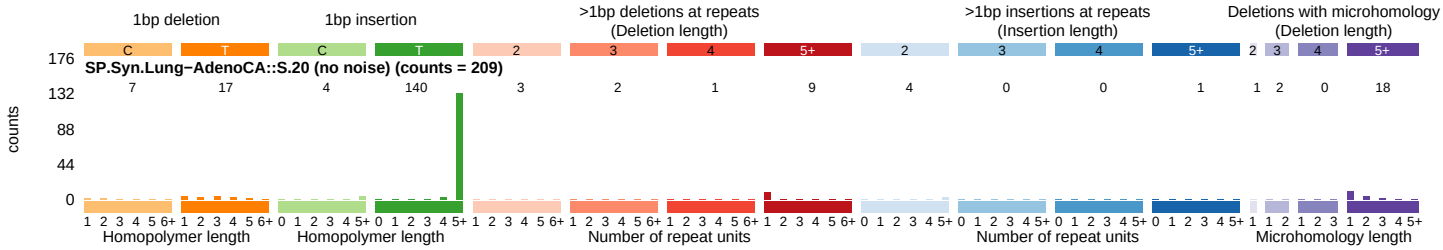
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.15 (no noise) (counts = 47)
2 0 1 43 0 0 0 0 1 0 0 0 0 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

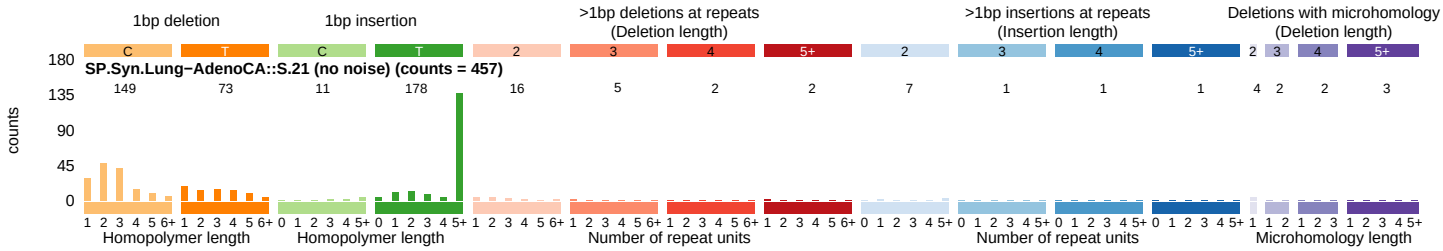

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.16 (no noise) (counts = 2517)
1466 256 67 581 84 3 2 4 20 1 1 2 16 2 1 11
counts
Homopolymer length
Number of repeat units
Microhomology length

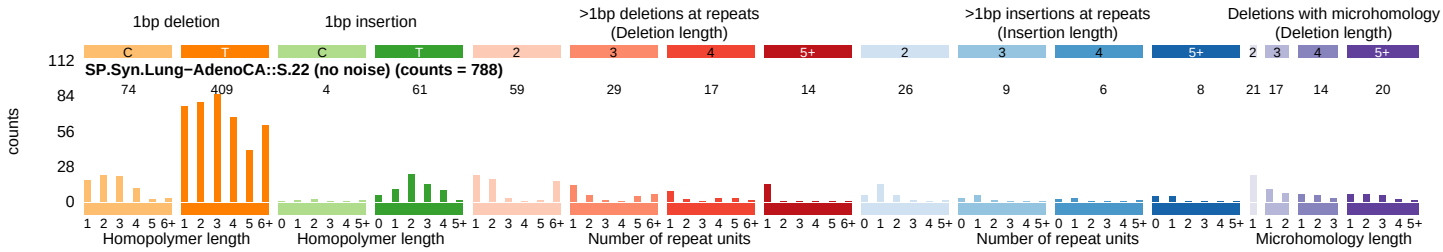

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.17 (no noise) (counts = 1915)
993 260 46 430 68 9 6 17 21 2 1 3 15 5 5 34
counts
Homopolymer length
Number of repeat units
Microhomology length

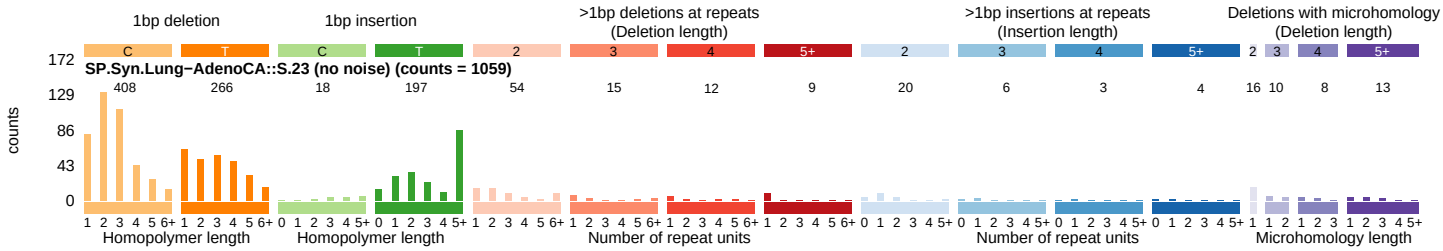

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.18 (no noise) (counts = 1182)
358 213 22 321 45 15 8 46 21 3 4 5 13 10 7 91
counts
Homopolymer length
Number of repeat units
Microhomology length

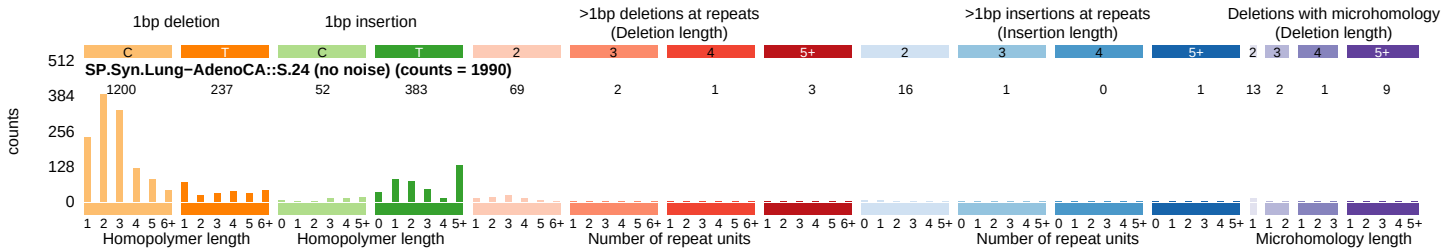

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.19 (no noise) (counts = 476)
103 141 4 181 12 6 2 2 8 1 1 2 4 3 3 3
counts
Homopolymer length
Number of repeat units
Microhomology length

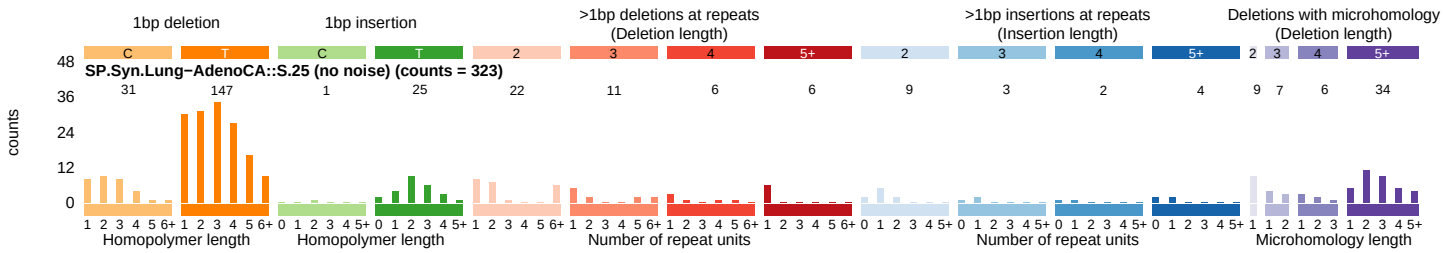

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.20 (no noise) (counts = 209)
counts
Homopolymer length
Number of repeat units
Microhomology length

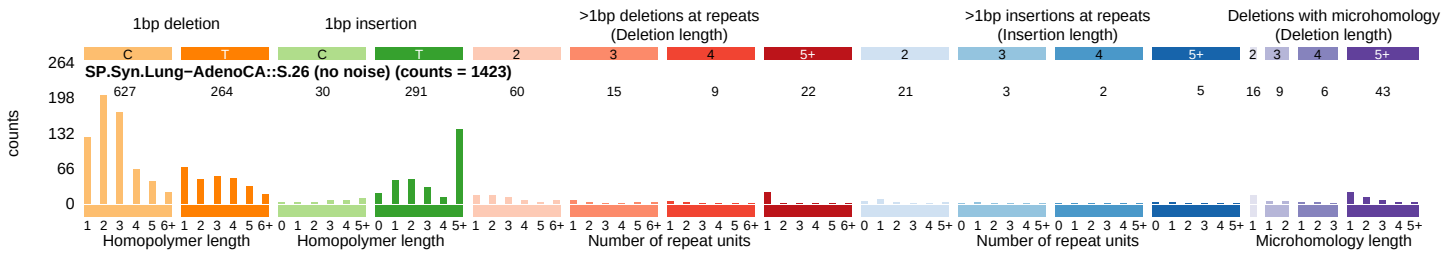

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.21 (no noise) (counts = 457)
counts
Homopolymer length
Number of repeat units
Microhomology length

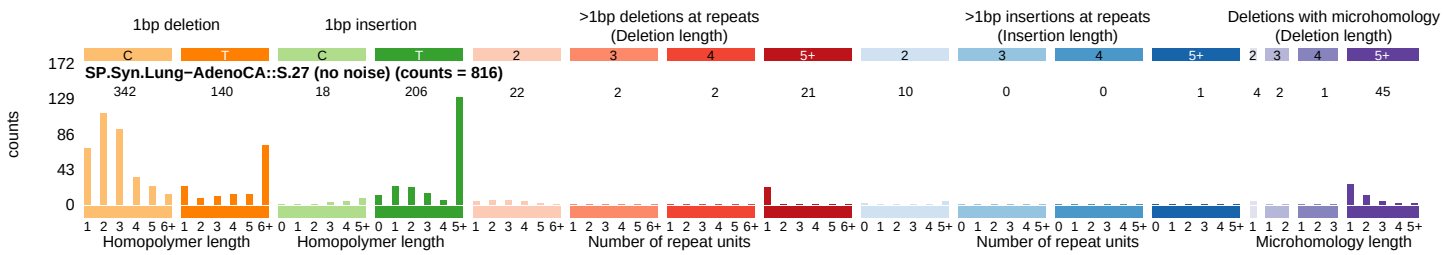

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.22 (no noise) (counts = 788)
counts
Homopolymer length
Number of repeat units
Microhomology length

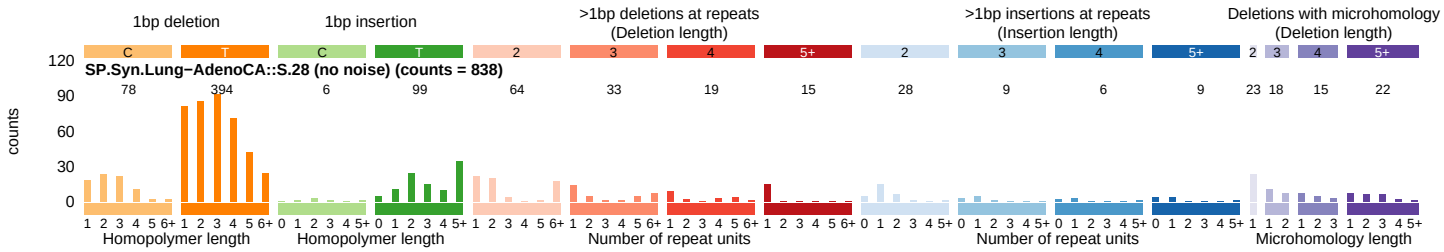

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.23 (no noise) (counts = 1059)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.24 (no noise) (counts = 1990)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.25 (no noise) (counts = 323)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.26 (no noise) (counts = 1423)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.27 (no noise) (counts = 816)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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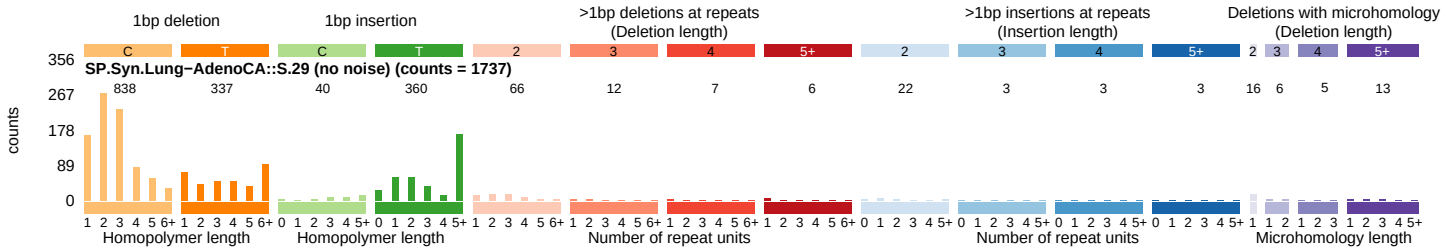
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.28 (no noise) (counts = 838)
counts
Homopolymer length
Number of repeat units
Microhomology length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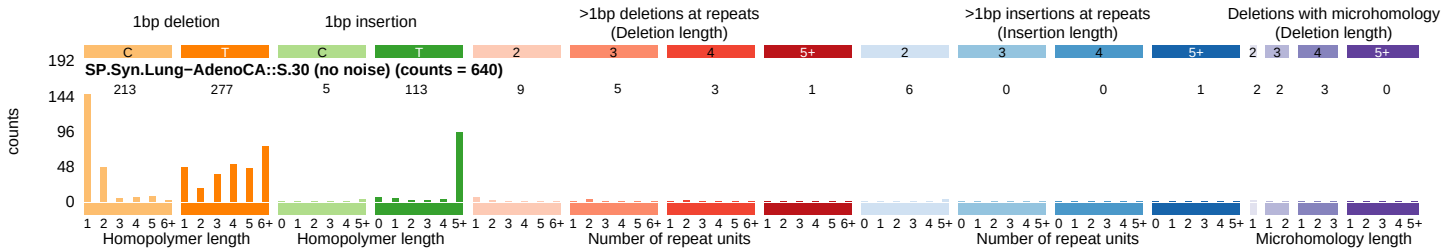
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.29 (no noise) (counts = 1737)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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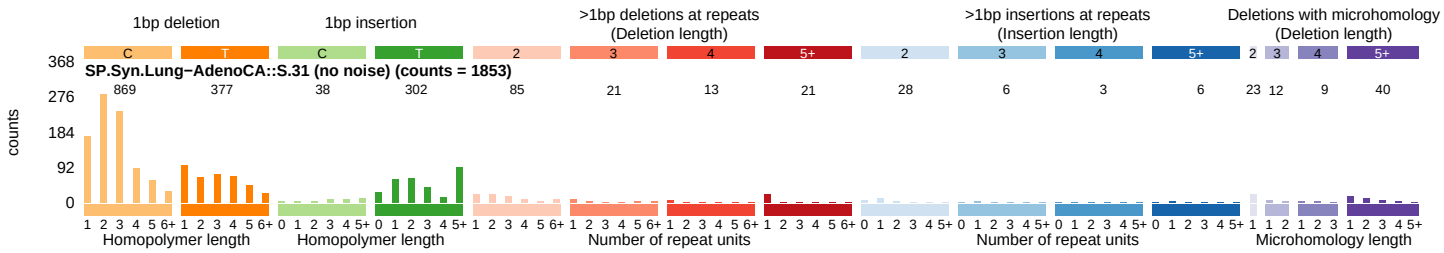
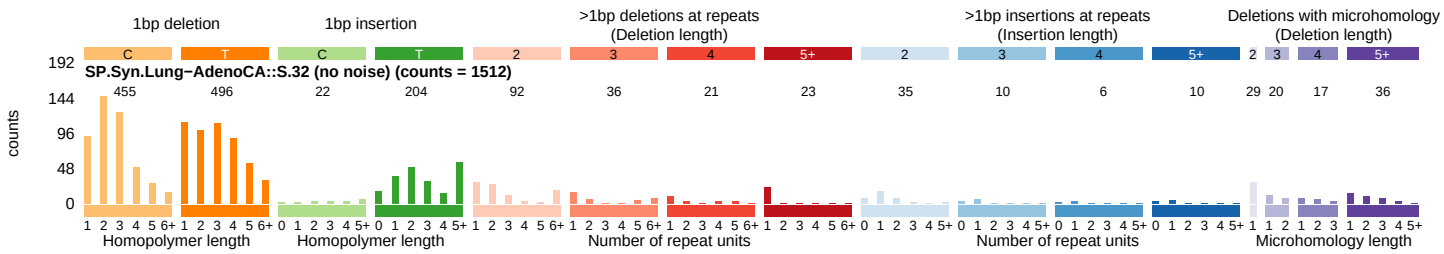
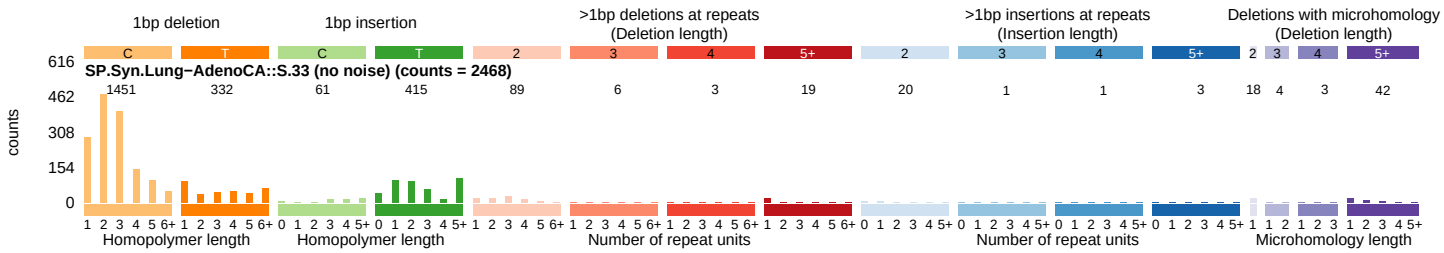
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.30 (no noise) (counts = 640)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.31 (no noise) (counts = 1853)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.32 (no noise) (counts = 1512)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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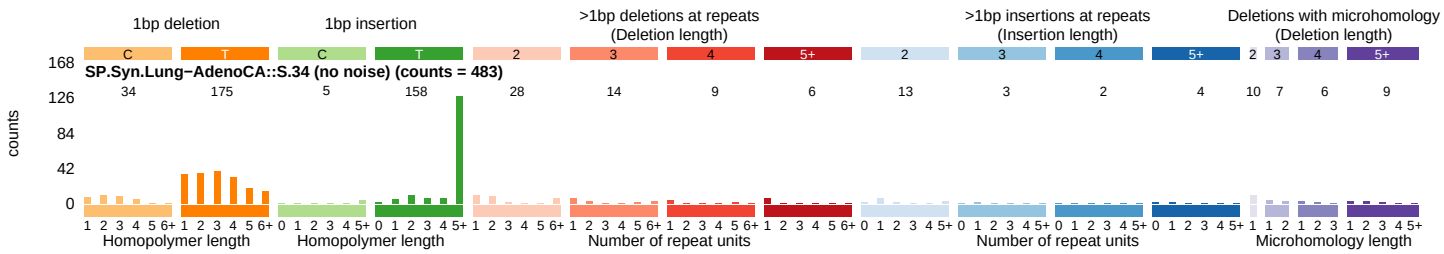
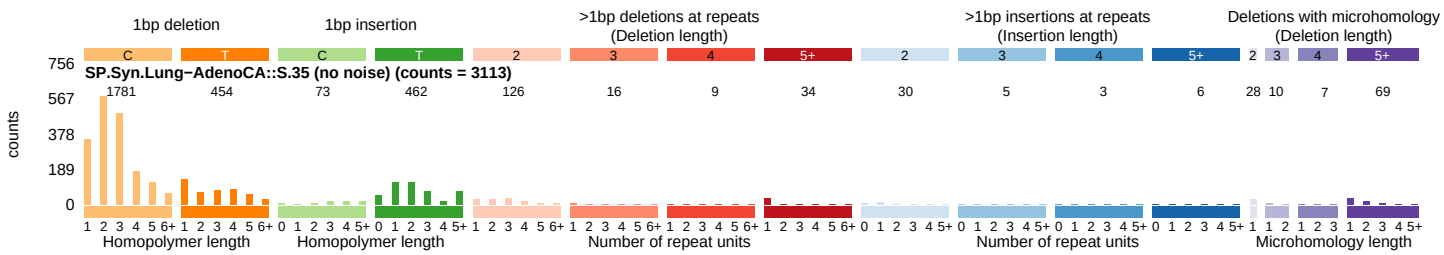
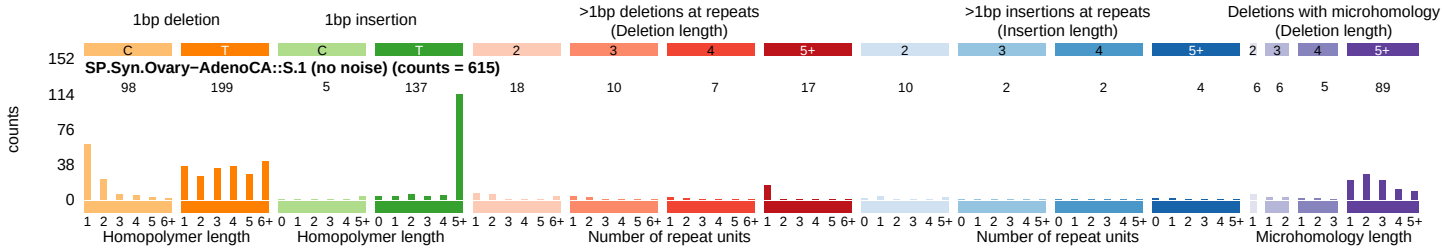
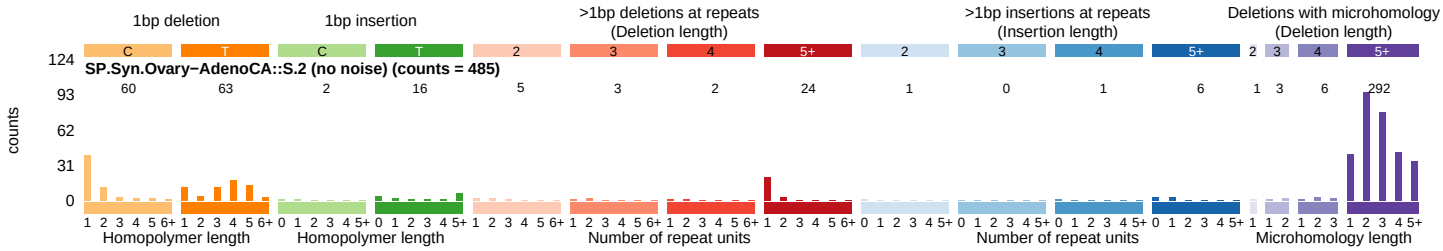
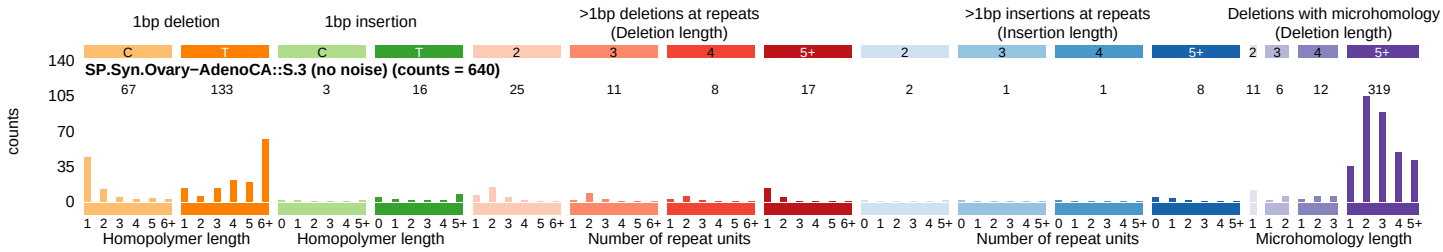
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.33 (no noise) (counts = 2468)
counts
Homopolymer length
Number of repeat units
Microhomology length

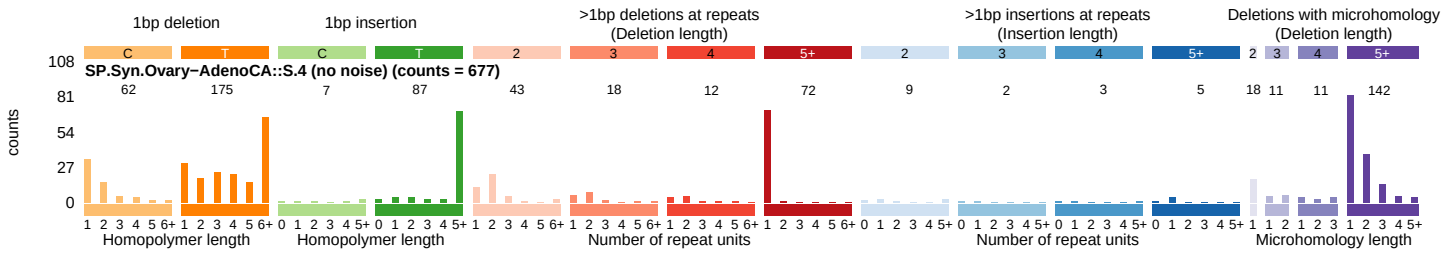

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.34 (no noise) (counts = 483)
counts
Homopolymer length
Number of repeat units
Microhomology length

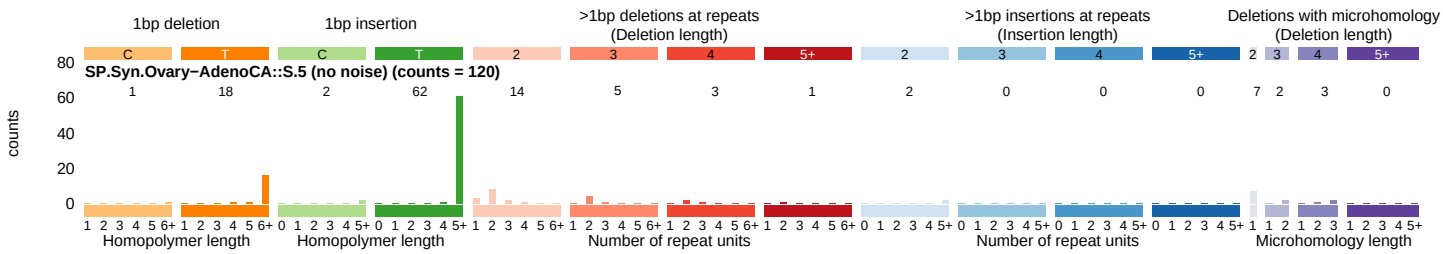

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.35 (no noise) (counts = 3113)
counts
Homopolymer length
Number of repeat units
Microhomology length

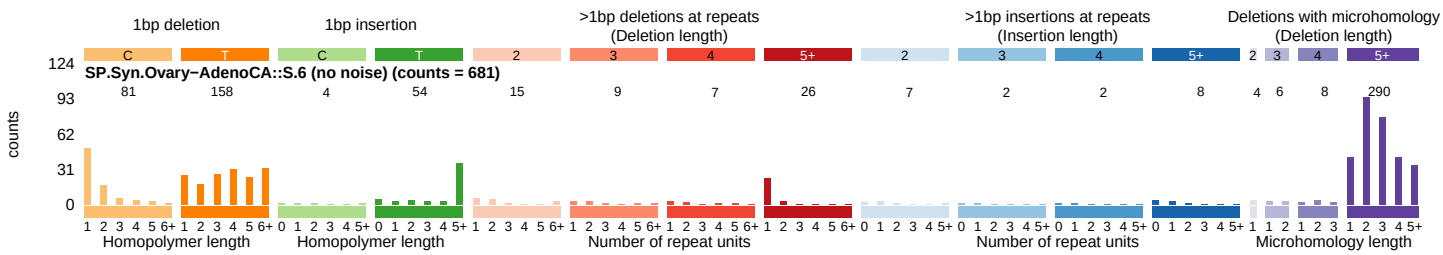

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.1 (no noise) (counts = 615)
98 199 5 137 18 10 7 17 10 2 2 4 6 6 5 89
counts
Homopolymer length
Number of repeat units
Microhomology length

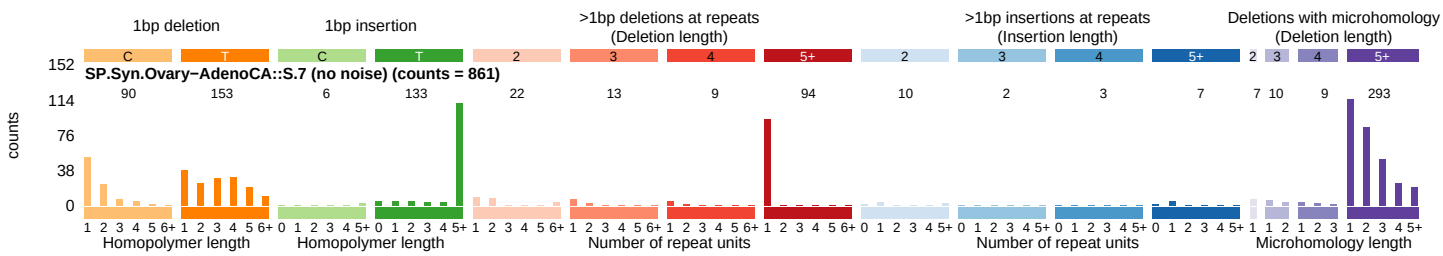

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.2 (no noise) (counts = 485)
60 63 2 16 5 3 2 24 1 0 1 6 1 3 6 292
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.3 (no noise) (counts = 640)
67 133 3 16 25 11 8 17 2 1 1 8 11 6 12 319
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.4 (no noise) (counts = 677)
62 175 7 87 43 18 12 72 9 2 3 5 18 11 11 142
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.5 (no noise) (counts = 120)
1 18 2 62 14 5 3 1 2 0 0 0 7 2 3 0
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.6 (no noise) (counts = 681)
81 158 4 54 15 9 7 26 7 2 2 8 4 6 8 290
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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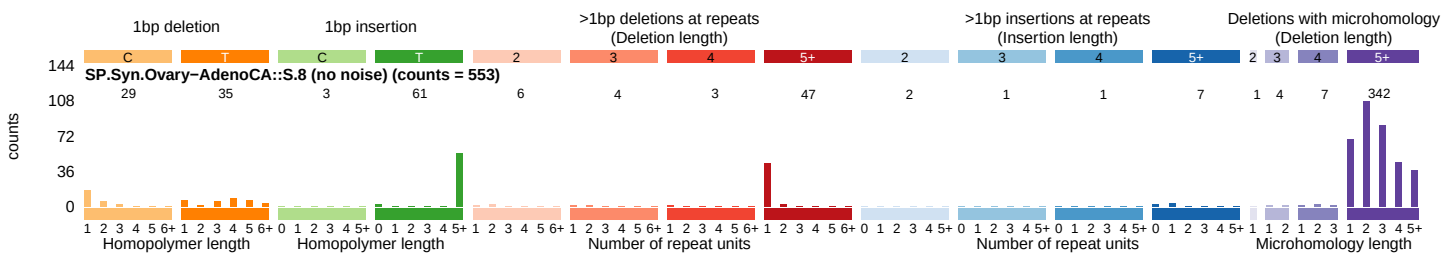
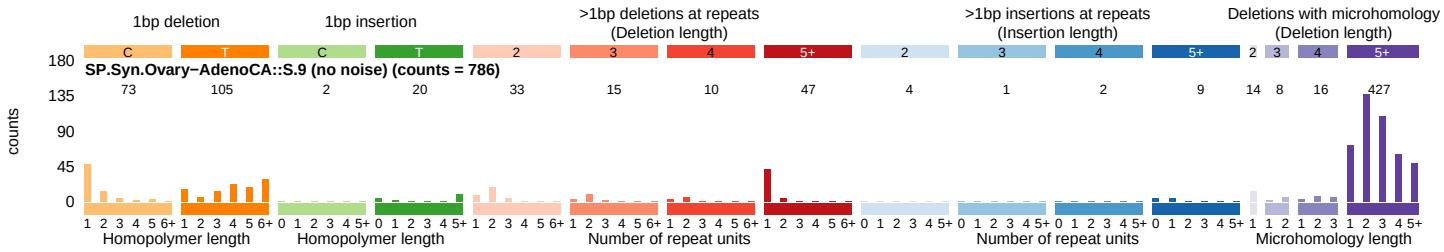
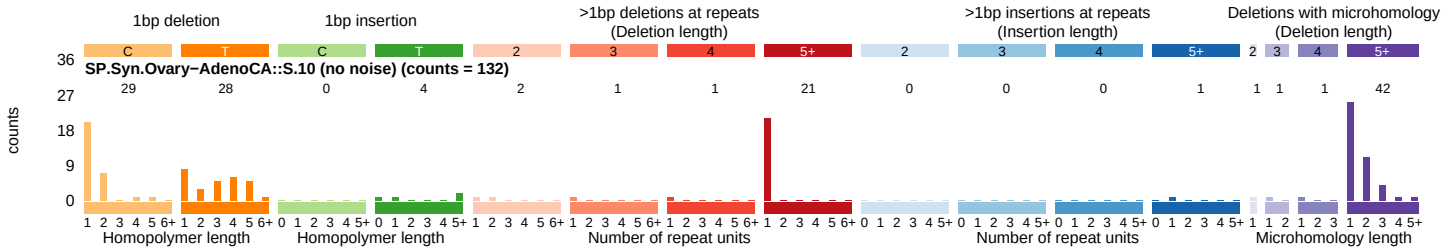
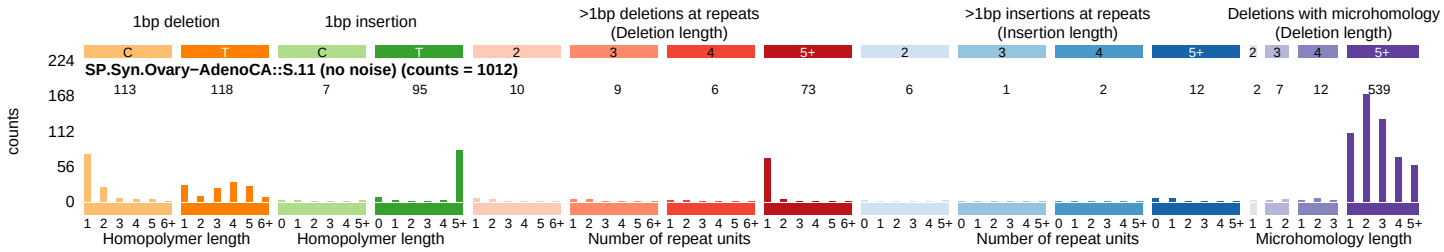
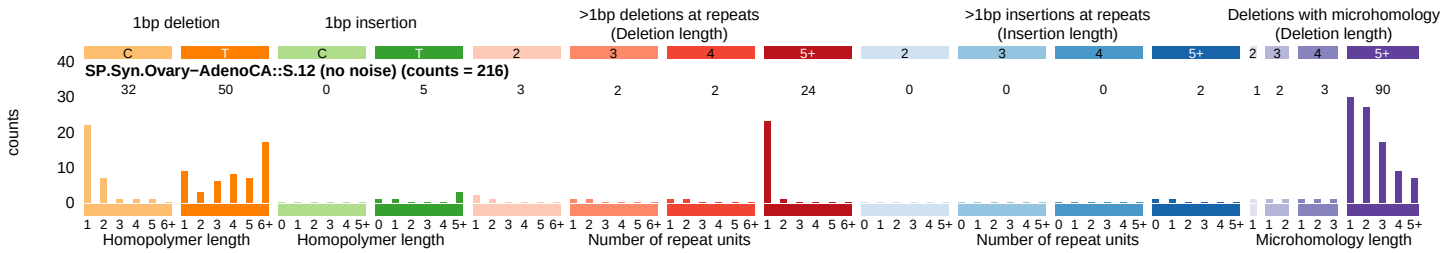
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.7 (no noise) (counts = 861)
90 153 6 133 22 13 9 94 10 2 3 7 7 10 9 293
counts
Homopolymer length
Number of repeat units
Microhomology length

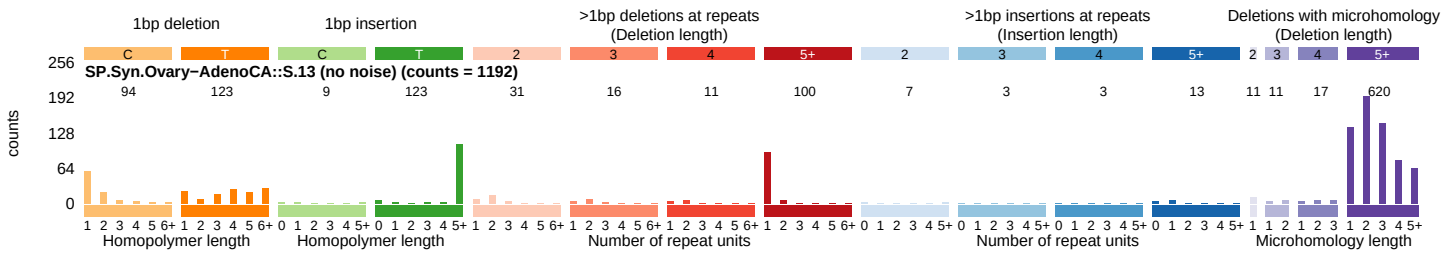

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.8 (no noise) (counts = 553)
29 35 3 61 6 4 3 47 2 1 1 7 1 4 7 342
counts
Homopolymer length
Number of repeat units
Microhomology length

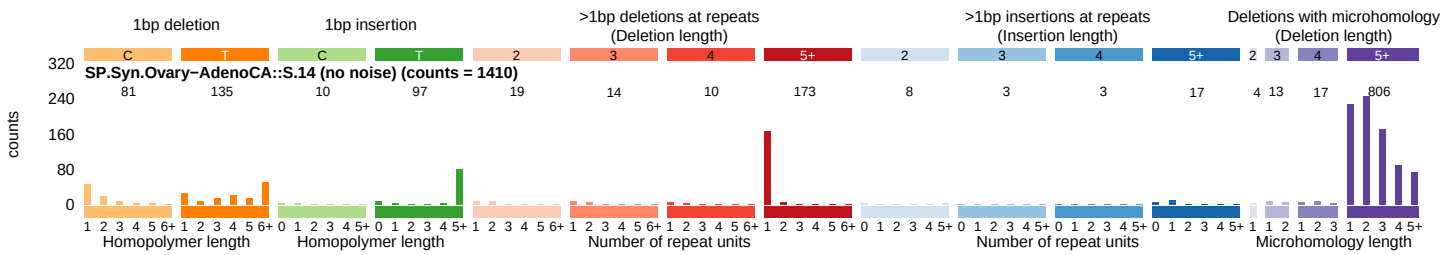

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.9 (no noise) (counts = 786)
73 105 2 20 33 15 10 47 4 1 2 9 14 8 16 427
counts
180 135 90 45 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

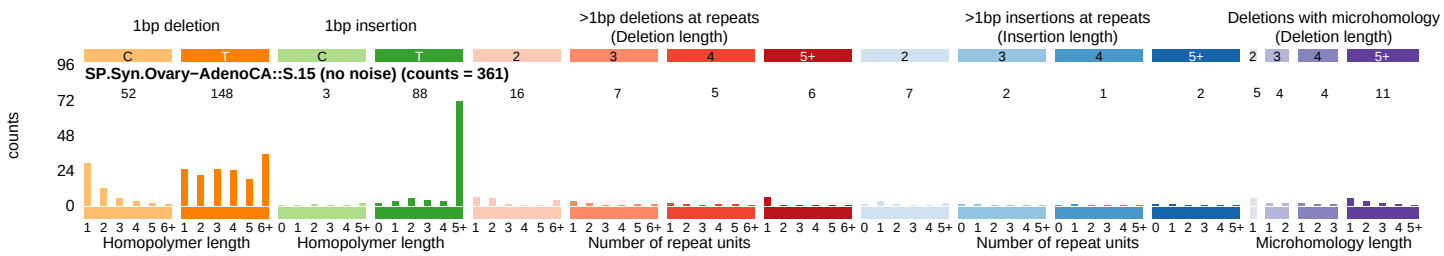

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.10 (no noise) (counts = 132)
29 28 0 4 2 1 1 21 0 0 0 1 1 1 1 42
counts
36 27 18 9 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

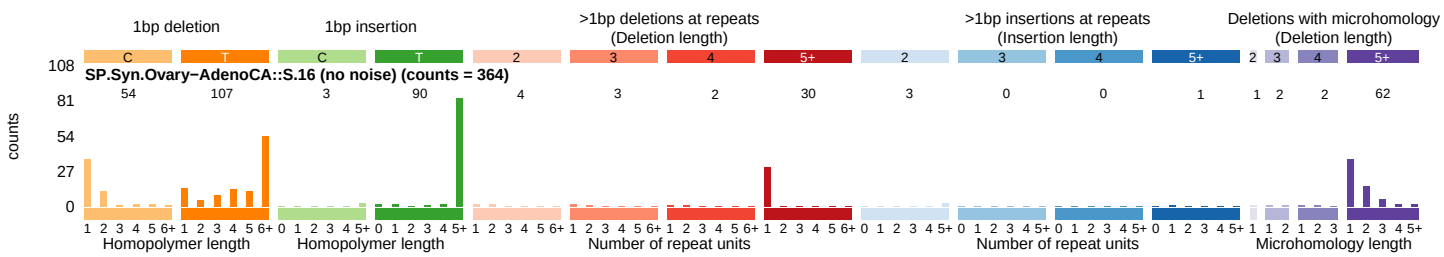

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.11 (no noise) (counts = 1012)
113 118 7 95 10 9 6 73 6 1 2 12 2 7 12 539
counts
224 168 112 56 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

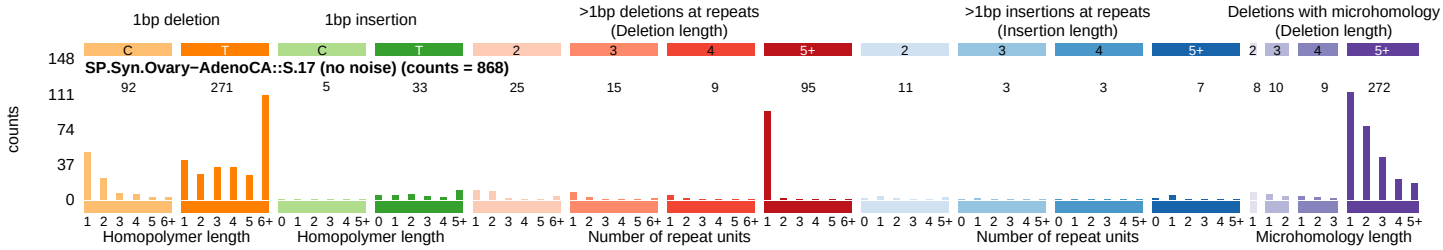

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.12 (no noise) (counts = 216)
32 50 0 5 3 2 2 24 0 0 0 2 1 2 3 90
counts
40 30 20 10 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

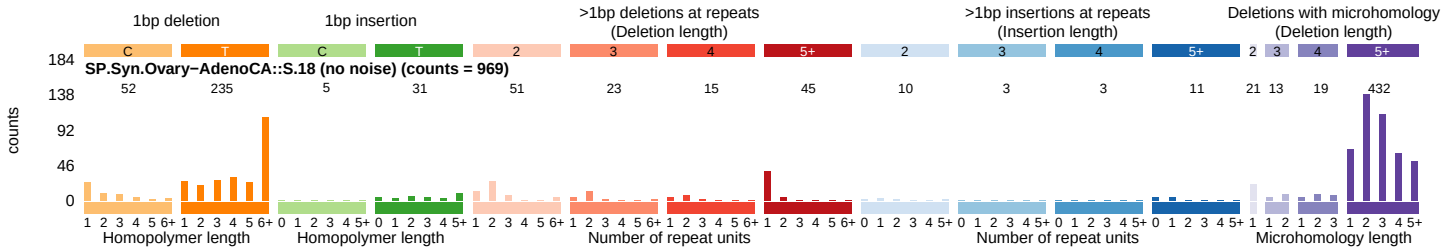

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.13 (no noise) (counts = 1192)
94 123 9 123 31 16 11 100 7 3 3 13 11 11 17 620
counts
256 192 128 64 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

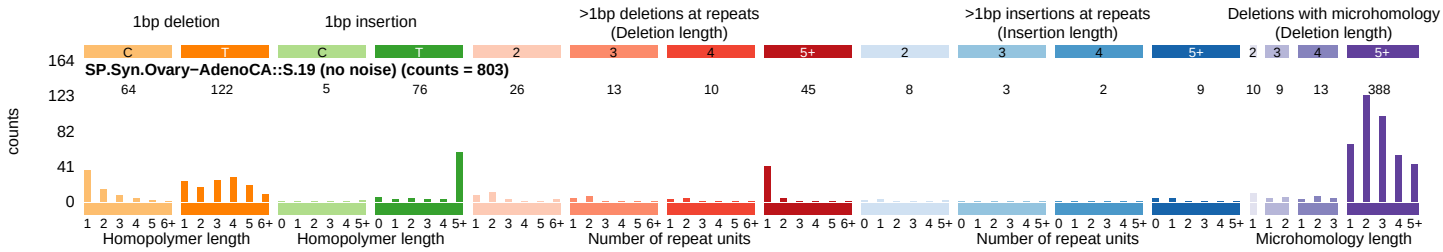

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.14 (no noise) (counts = 1410)
81 135 10 97 19 14 10 173 8 3 3 17 4 13 17 806
counts
320 240 160 80 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

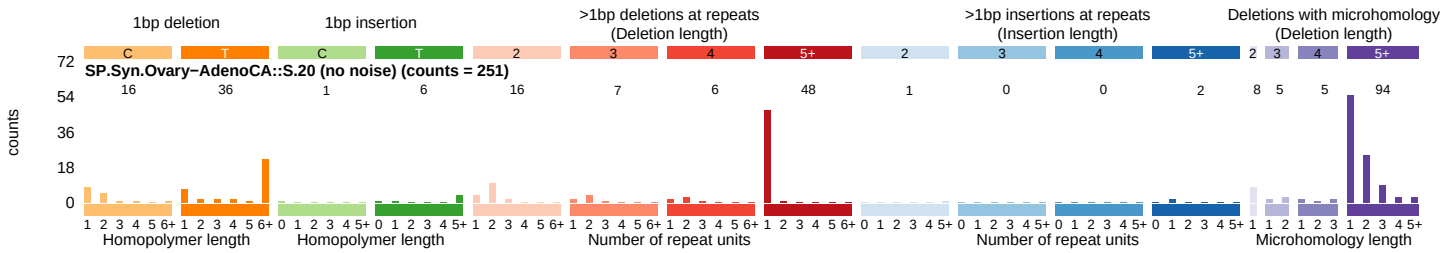

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.15 (no noise) (counts = 361)
52 148 3 88 16 7 5 6 7 2 1 2 5 4 4 11
counts
96 72 48 24 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

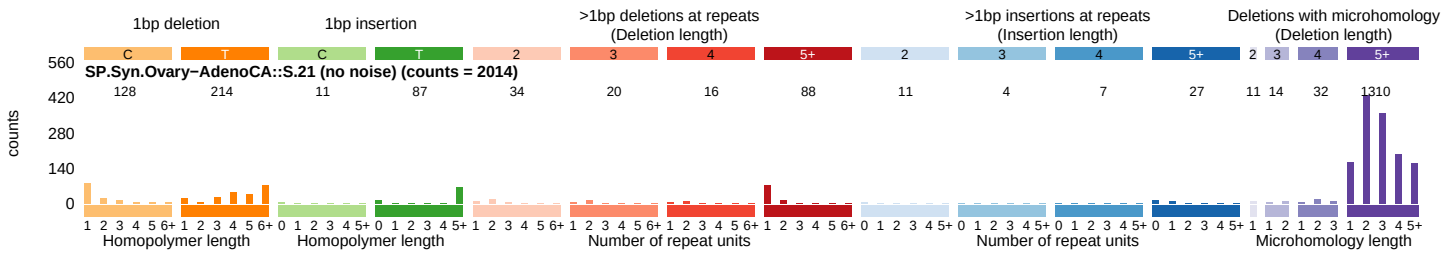

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.16 (no noise) (counts = 364)
54 107 3 90 4 3 2 30 3 0 0 1 1 2 2 62
counts
108 81 54 27 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

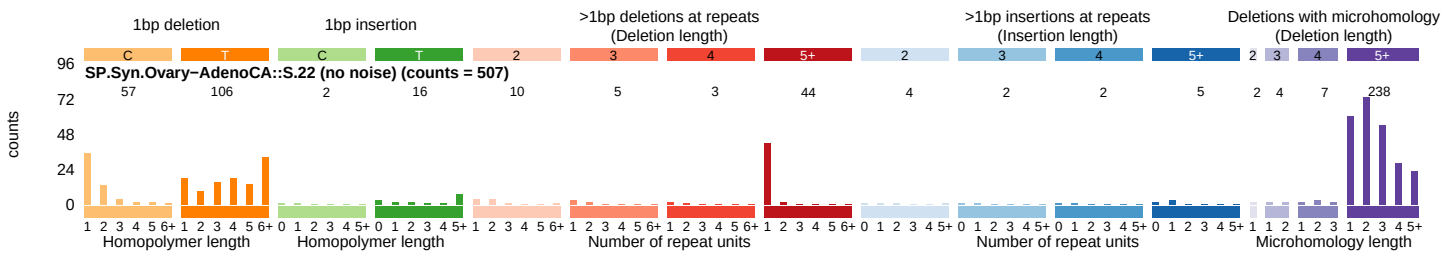

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.17 (no noise) (counts = 868)
92 271 5 33 25 15 9 95 11 3 3 7 8 10 9 272
counts
Homopolymer length
Number of repeat units
Microhomology length

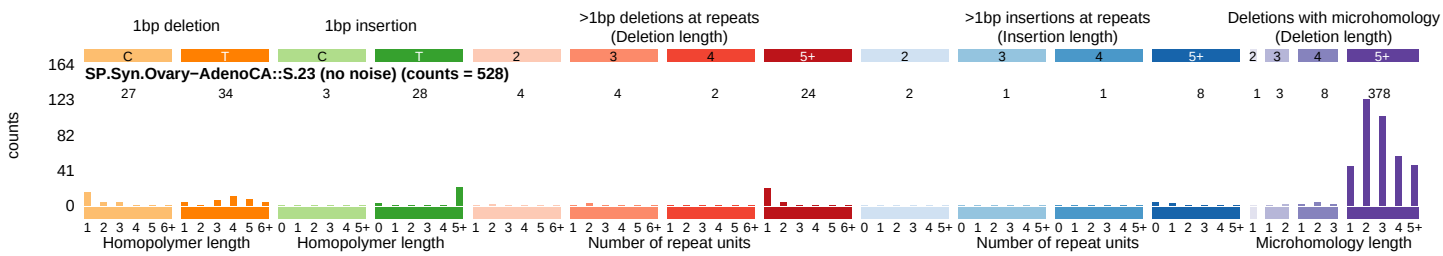

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.18 (no noise) (counts = 969)
52 235 5 31 51 23 15 45 10 3 3 11 21 13 19 432
counts
Homopolymer length
Number of repeat units
Microhomology length

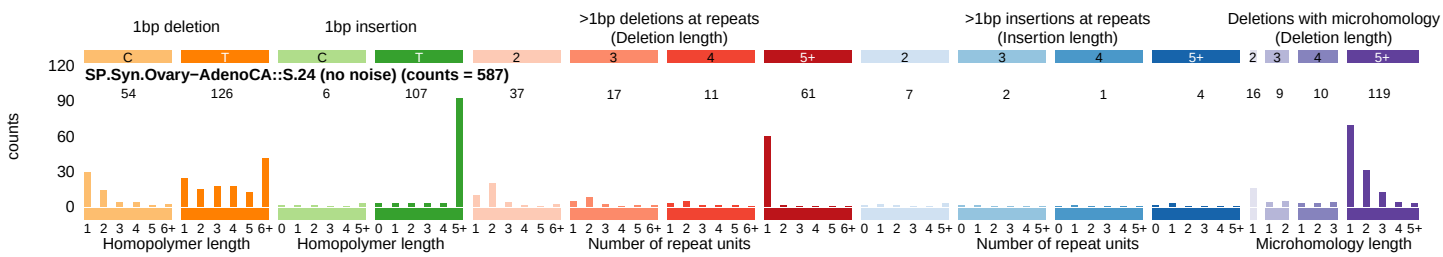

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.19 (no noise) (counts = 803)
64 122 5 76 26 13 10 45 8 3 2 9 10 9 13 388
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.20 (no noise) (counts = 251)
16 36 1 6 16 7 6 48 1 0 0 2 8 5 5 94
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.21 (no noise) (counts = 2014)
128 214 11 87 34 20 16 88 11 4 7 27 11 14 32 1310
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.22 (no noise) (counts = 507)
57 106 2 16 10 5 3 44 4 2 2 5 2 4 7 238
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.23 (no noise) (counts = 528)
27 34 3 28 4 4 2 24 2 1 1 8 1 3 8 378
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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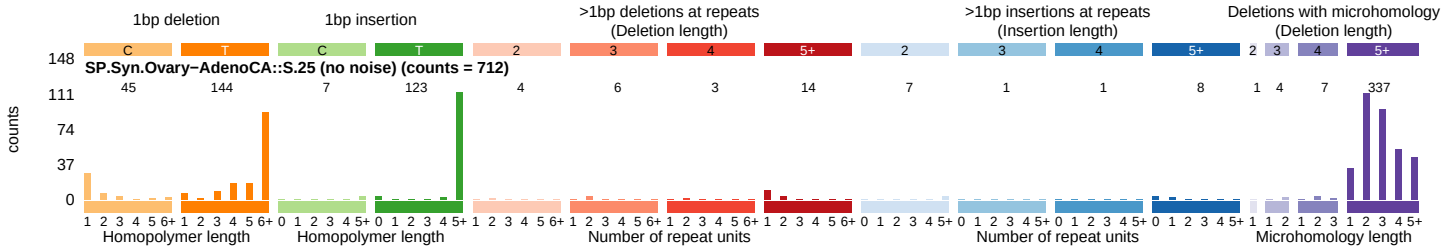
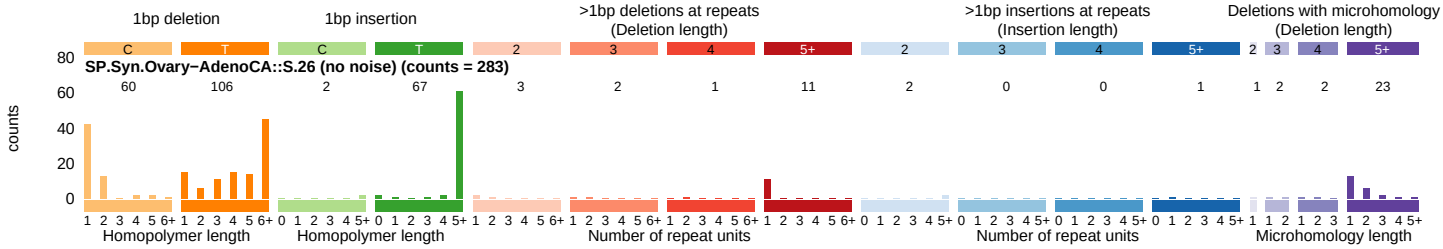
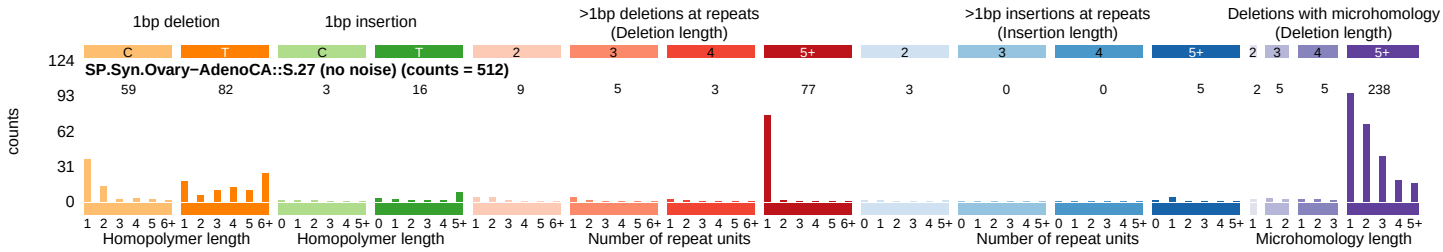
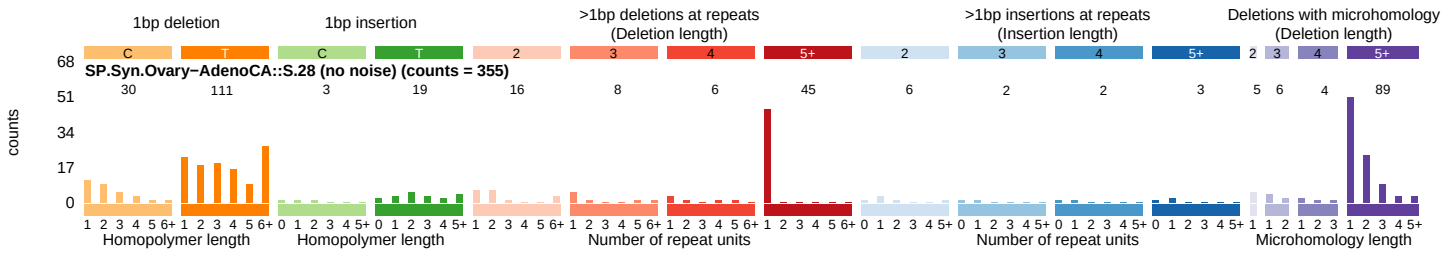
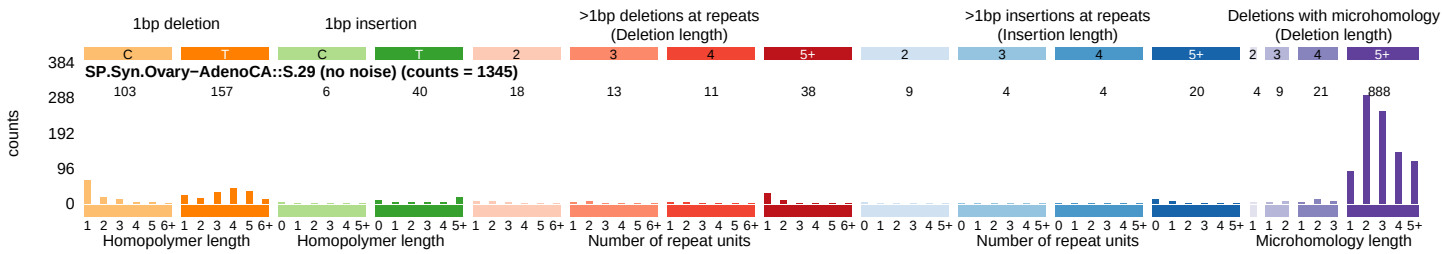
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.24 (no noise) (counts = 587)
54 126 6 107 37 17 11 61 7 2 1 4 16 9 10 119
counts
Homopolymer length
Number of repeat units
Microhomology length

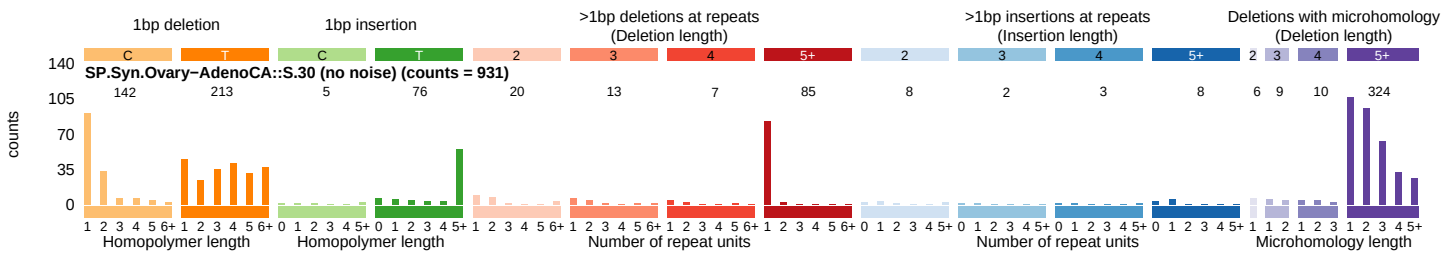

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.25 (no noise) (counts = 712)
45 144 7 123 4 6 3 14 7 1 1 8 1 4 7 337
counts
148 111 74 37 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

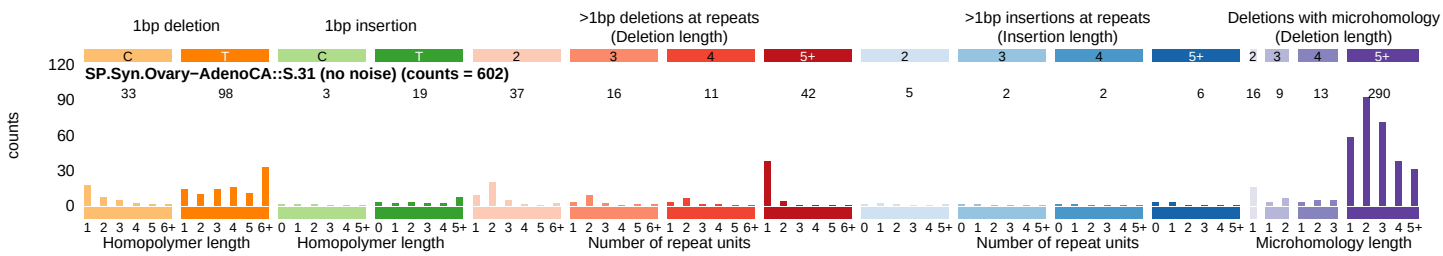

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.26 (no noise) (counts = 283)
60 106 2 67 3 2 1 11 2 0 0 1 1 2 2 23
counts
80 60 40 20 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

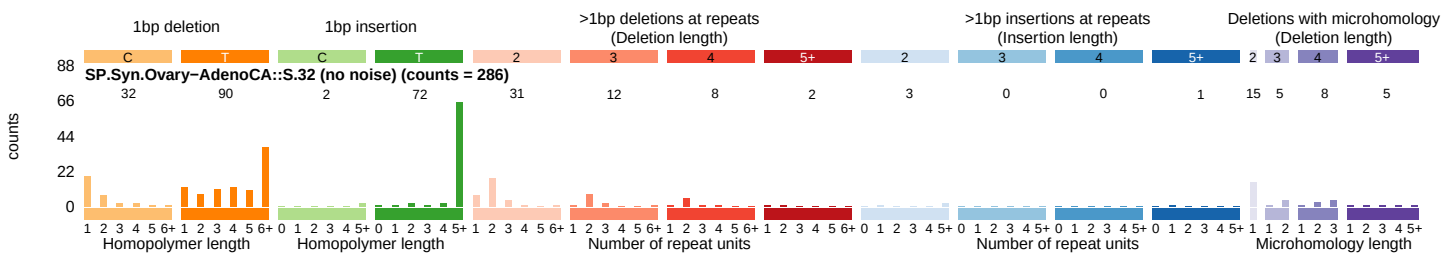

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.27 (no noise) (counts = 512)
59 82 3 16 9 5 3 77 3 0 0 5 2 5 5 238
counts
124 93 62 31 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

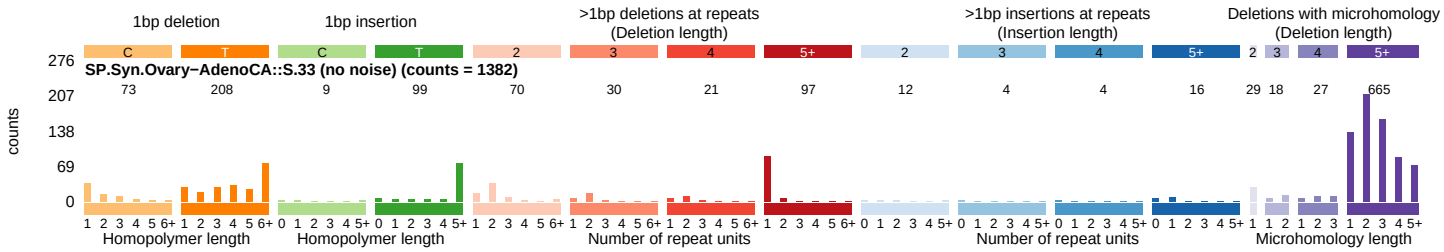

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.28 (no noise) (counts = 355)
30 111 3 19 16 8 6 45 6 2 2 3 5 6 4 89
counts
68 51 34 17 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

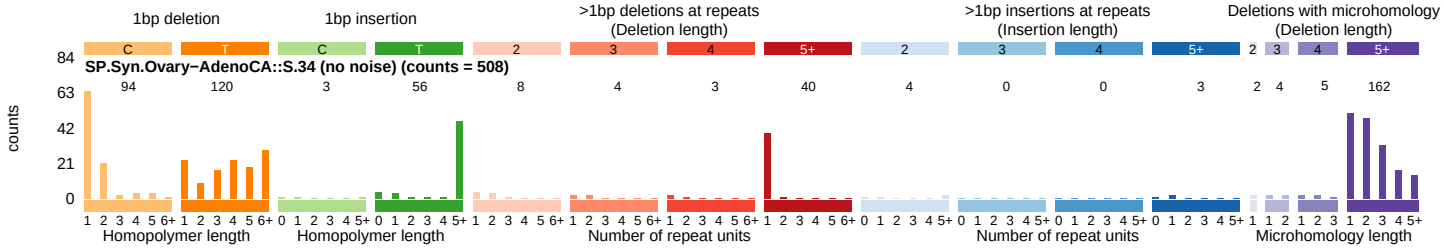

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.29 (no noise) (counts = 1345)
103 157 6 40 18 13 11 38 9 4 4 20 4 9 21 888
counts
384 288 192 96 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

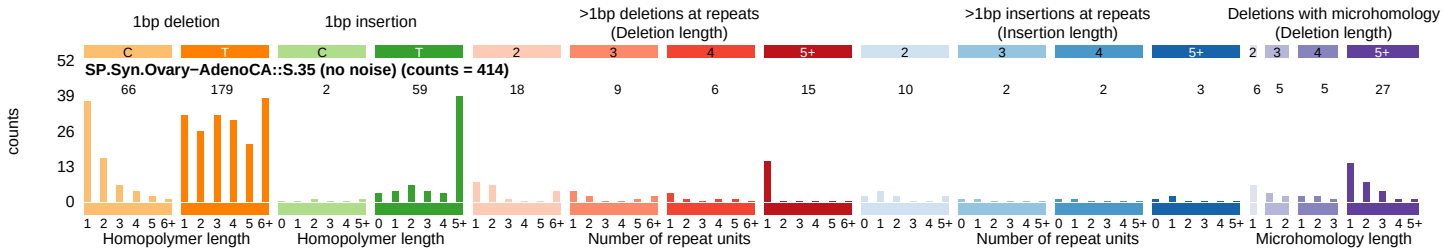

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.30 (no noise) (counts = 931)
142 213 5 76 20 13 7 85 8 2 3 8 6 9 10 324
counts
140 105 70 35 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

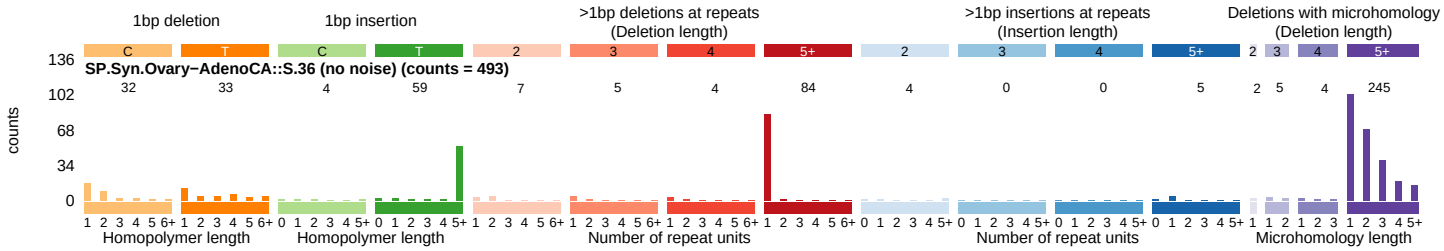

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.31 (no noise) (counts = 602)
33 98 3 19 37 16 11 42 5 2 2 6 16 9 13 290
counts
120 90 60 30 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

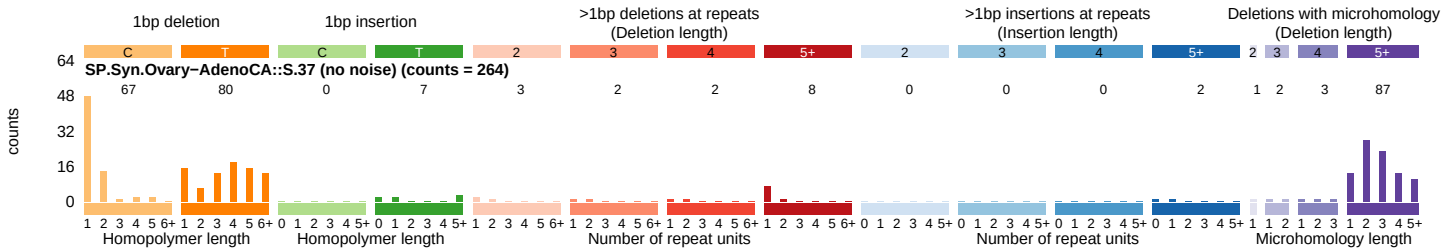

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.32 (no noise) (counts = 286)
32 90 2 72 31 12 8 2 3 0 0 1 15 5 8 5
counts
88 66 44 22 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

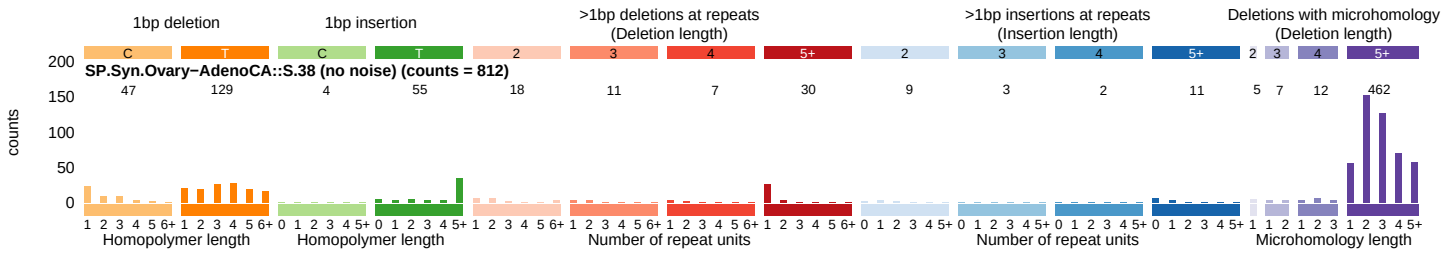

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.33 (no noise) (counts = 1382)
73 208 9 99 70 30 21 97 12 4 4 16 29 18 27 665
counts
276 207 138 69 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

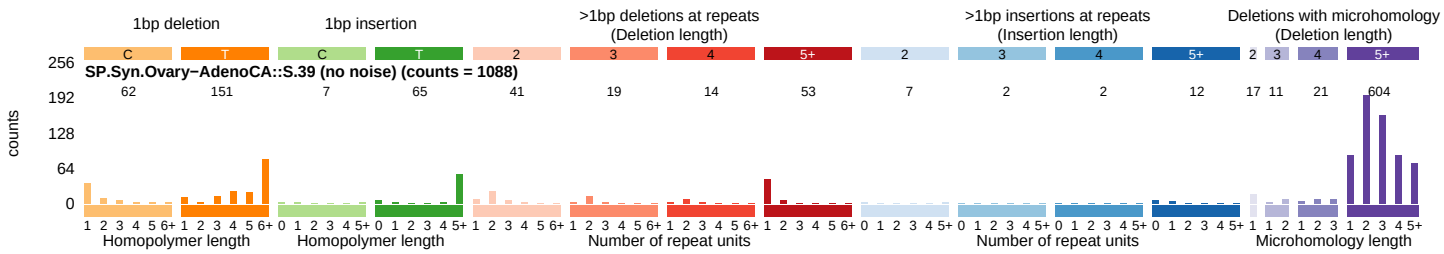

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.34 (no noise) (counts = 508)
94 120 3 56 8 4 3 40 4 0 0 3 2 4 5 162
counts
84 63 42 21 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.35 (no noise) (counts = 414)
66 179 2 59 18 9 6 15 10 2 2 3 6 5 5 27
counts
52 39 26 13 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.36 (no noise) (counts = 493)
32 33 4 59 7 5 4 84 4 0 0 5 2 5 4 245
counts
136 102 68 34 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.37 (no noise) (counts = 264)
67 80 0 7 3 2 2 8 0 0 0 2 1 2 3 87
counts
64 48 32 16 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.38 (no noise) (counts = 812)
47 129 4 55 18 11 7 30 9 3 2 11 5 7 12 462
counts
200 150 100 50 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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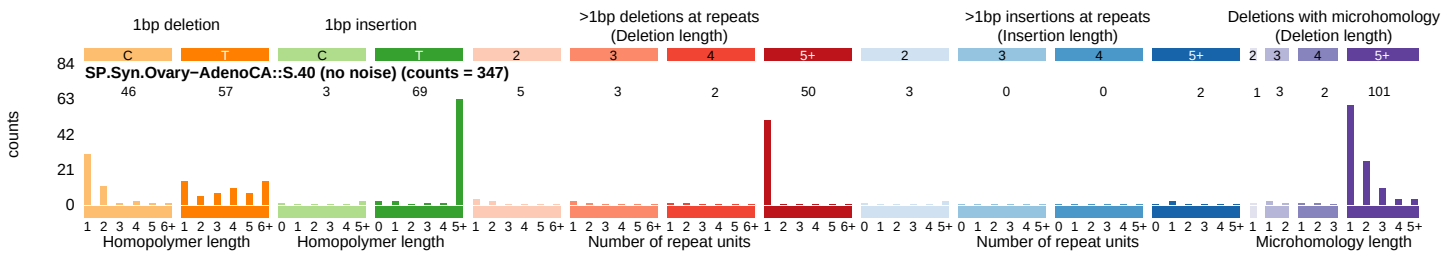
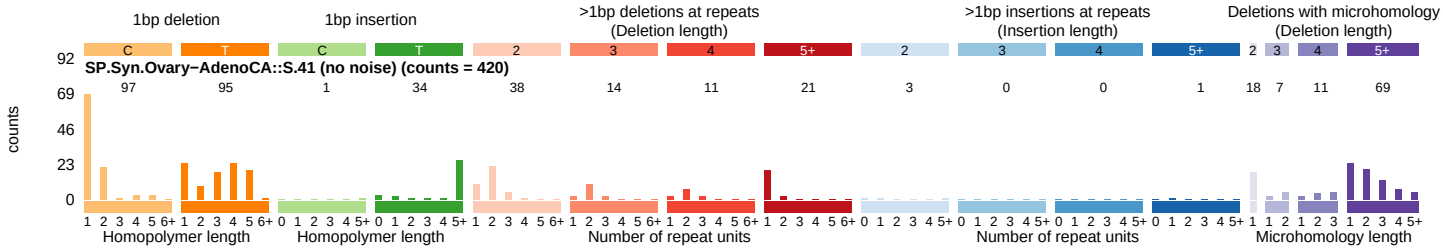
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.39 (no noise) (counts = 1088)
62 151 7 65 41 19 14 53 7 2 2 12 17 11 21 604
counts
256 192 128 64 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.40 (no noise) (counts = 347)
46 57 3 69 5 3 2 50 3 0 0 2 1 3 2 101
counts
84 63 42 21 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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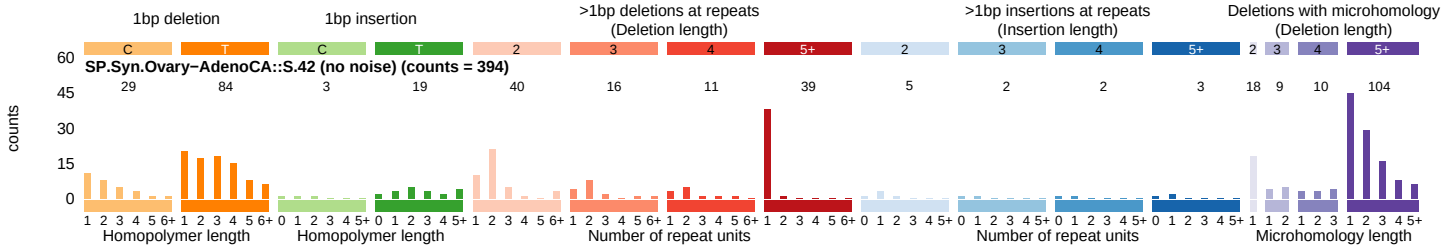
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.41 (no noise) (counts = 420)
97 95 1 34 38 14 11 21 3 0 0 1 18 7 11 69
counts
Homopolymer length
Number of repeat units
Microhomology length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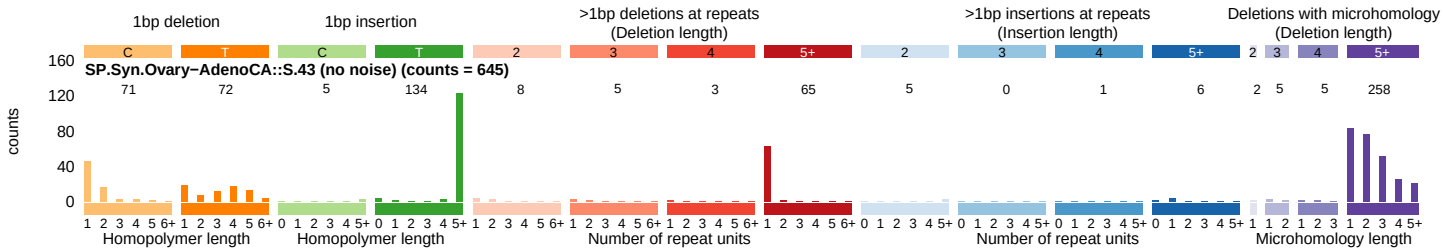
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.42 (no noise) (counts = 394)
29 84 3 19 40 16 11 39 5 2 2 3 18 9 10 104
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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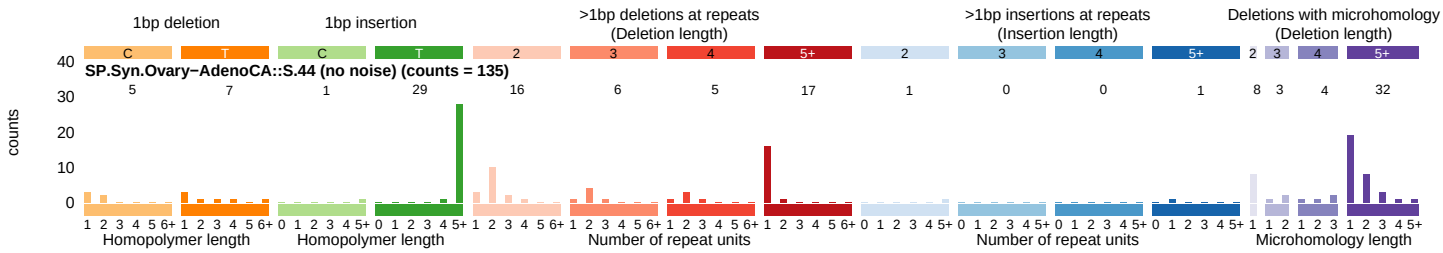
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.43 (no noise) (counts = 645)
71 72 5 134 8 5 3 65 5 0 1 6 2 5 5 258
counts
Homopolymer length
Number of repeat units
Microhomology length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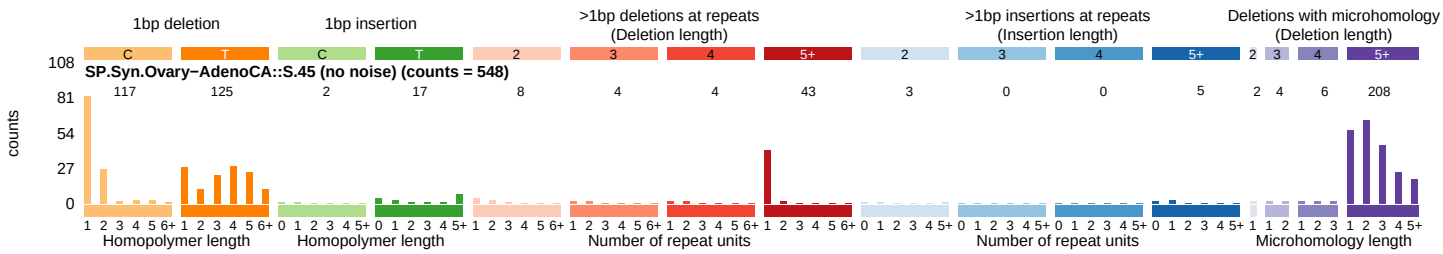
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.44 (no noise) (counts = 135)
5 7 1 29 16 6 5 17 1 0 0 1 8 3 4 32
counts
Homopolymer length
Number of repeat units
Microhomology length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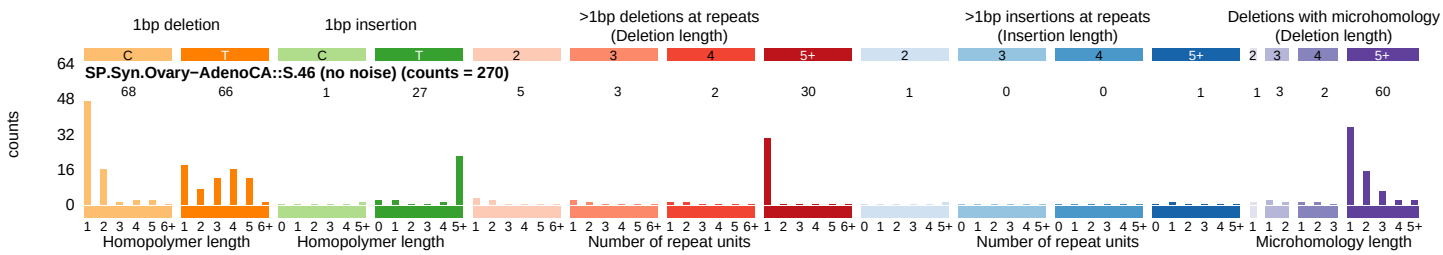
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.45 (no noise) (counts = 548)
117 125 2 17 8 4 4 43 3 0 0 5 2 4 6 208
counts
Homopolymer length
Number of repeat units
Microhomology length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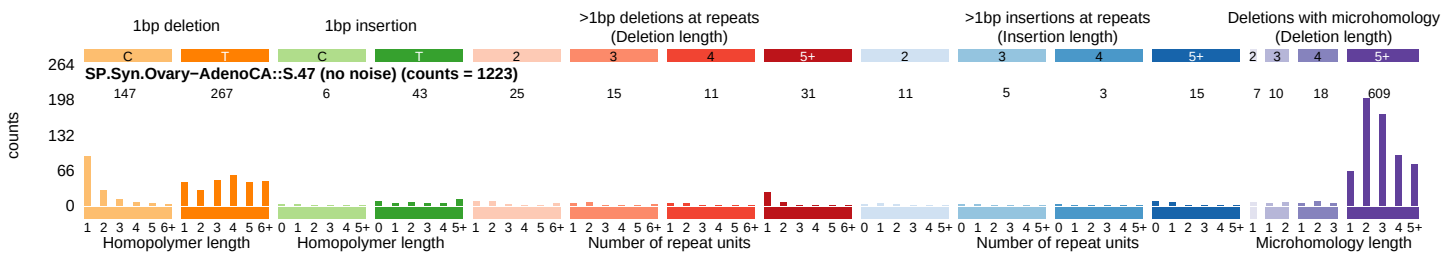
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.46 (no noise) (counts = 270)
68 66 1 27 5 3 2 30 1 0 0 1 1 3 2 60
counts
Homopolymer length
Number of repeat units
Microhomology length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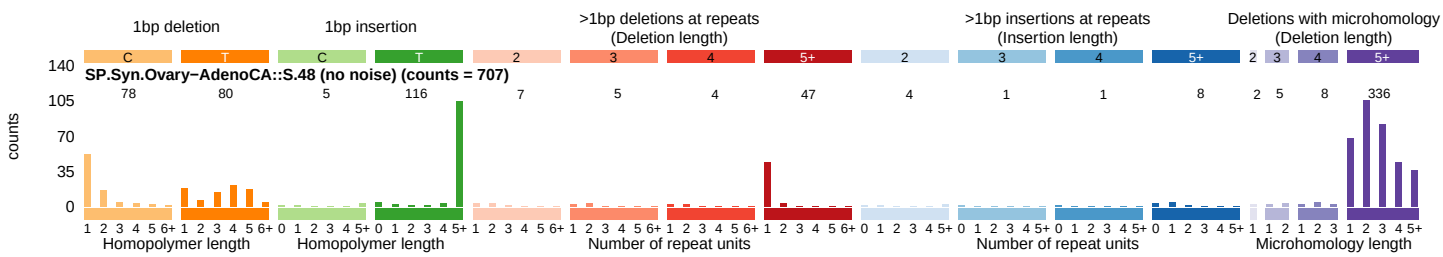
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.47 (no noise) (counts = 1223)
147 267 6 43 25 15 11 31 11 5 3 15 7 10 18 609
counts
Homopolymer length
Number of repeat units
Microhomology length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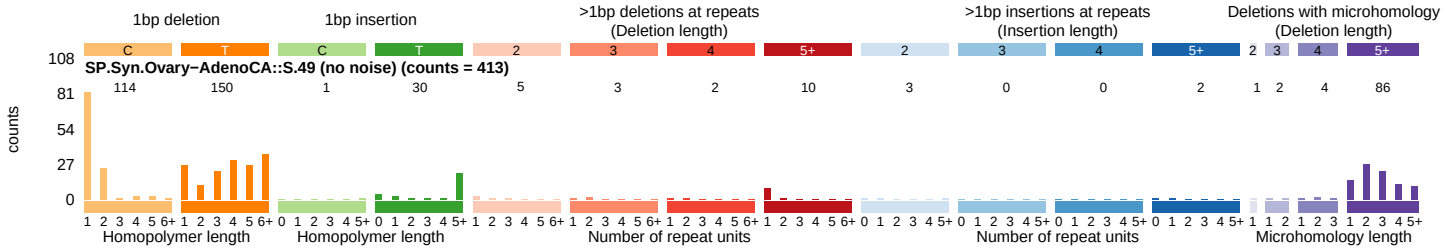
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.48 (no noise) (counts = 707)
78 80 5 116 7 5 4 47 4 1 1 8 2 5 8 336
counts
Homopolymer length
Number of repeat units
Microhomology length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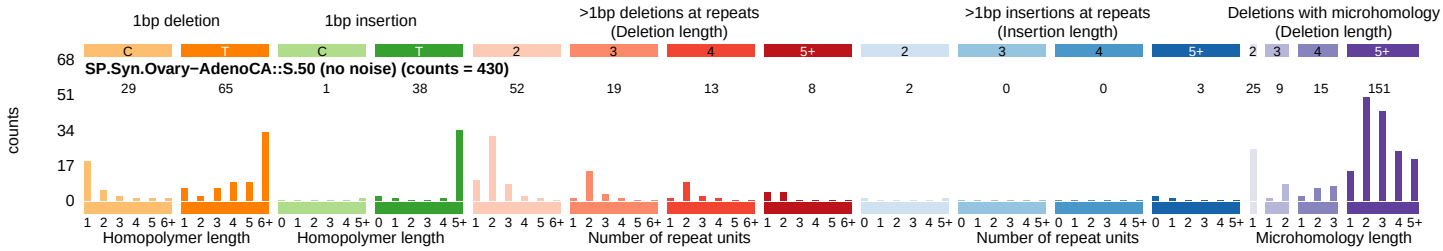
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.49 (no noise) (counts = 413)
114 150 1 30 5 3 2 10 3 0 0 2 1 2 4 86
counts
Homopolymer length
Number of repeat units
Microhomology length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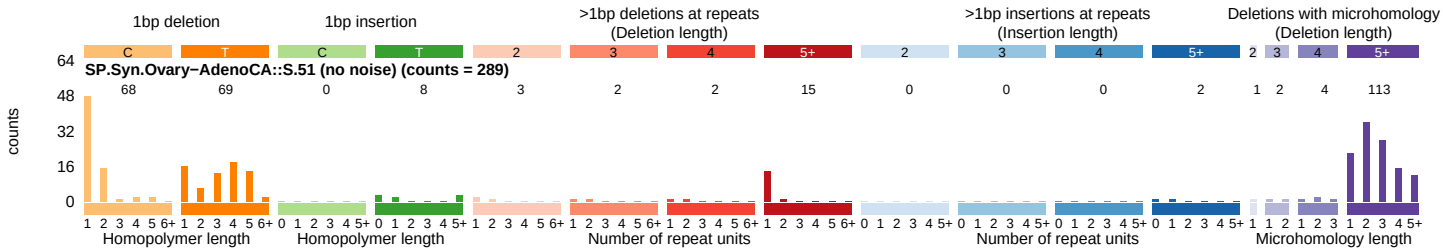
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.50 (no noise) (counts = 430)
29 65 1 38 52 19 13 8 2 0 0 3 25 9 15 151
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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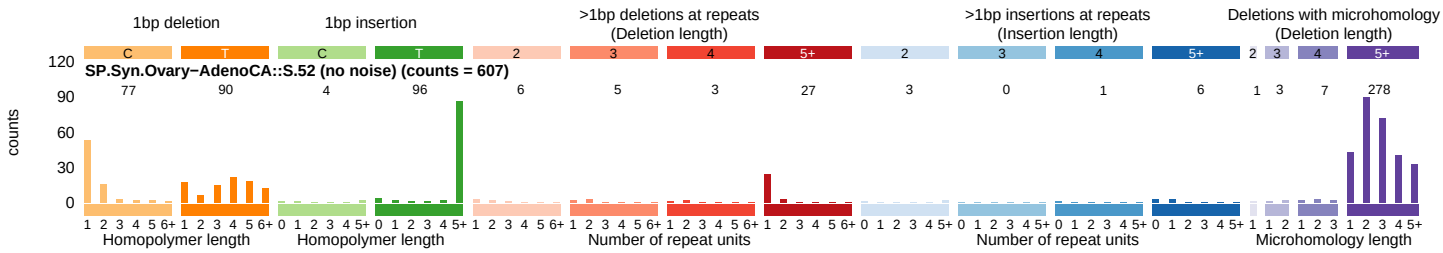
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.51 (no noise) (counts = 289)
68 69 0 8 3 2 2 15 0 0 0 2 1 2 4 113
counts
Homopolymer length
Number of repeat units
Microhomology length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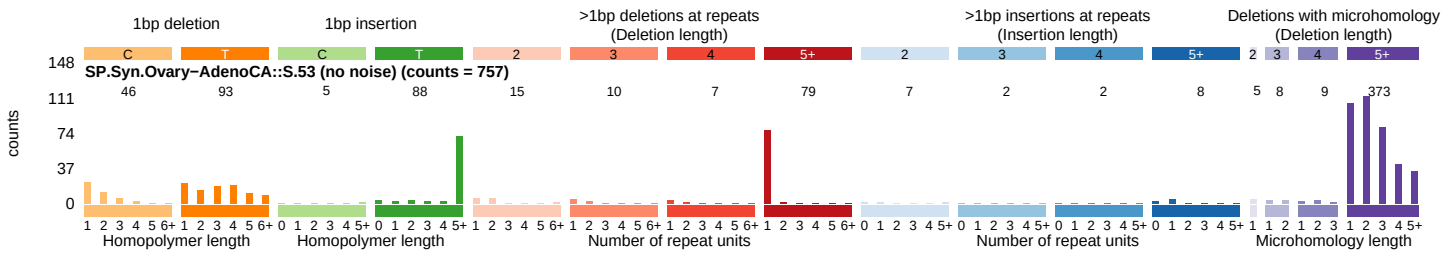
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.52 (no noise) (counts = 607)
77 90 4 96 6 5 3 27 3 0 1 6 1 3 7 278
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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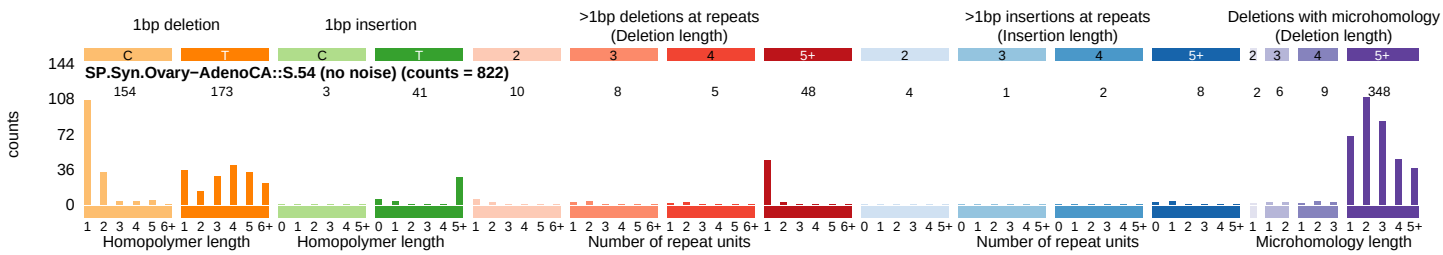
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.53 (no noise) (counts = 757)
46 93 5 88 15 10 7 79 7 2 2 8 5 8 9 373
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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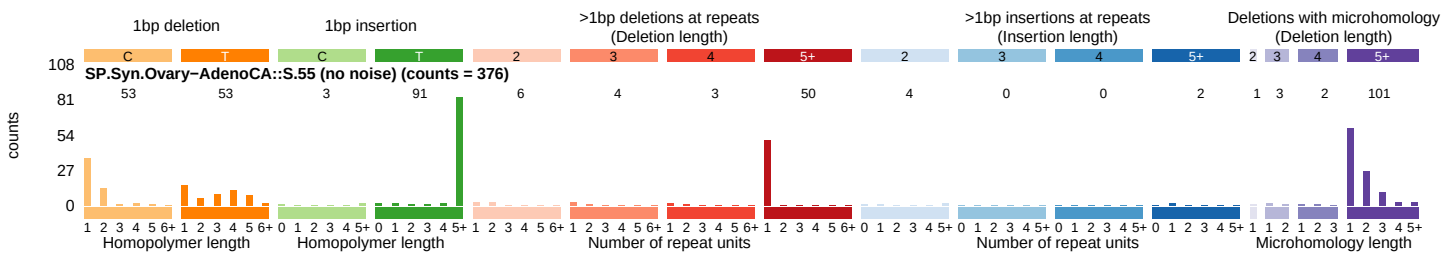
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.54 (no noise) (counts = 822)
154 173 3 41 10 8 5 48 4 1 2 8 2 6 9 348
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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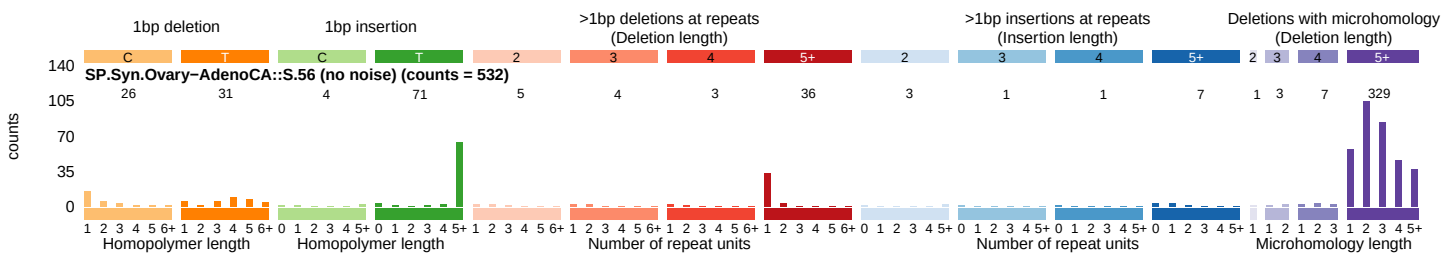
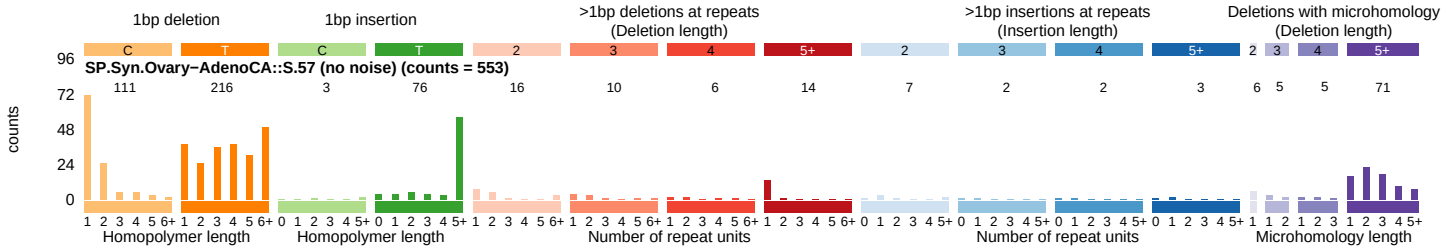
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.55 (no noise) (counts = 376)
53 53 3 91 6 4 3 50 4 0 0 2 1 3 2 101
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.56 (no noise) (counts = 532)
26 31 4 71 5 4 3 36 3 1 1 7 1 3 7 329
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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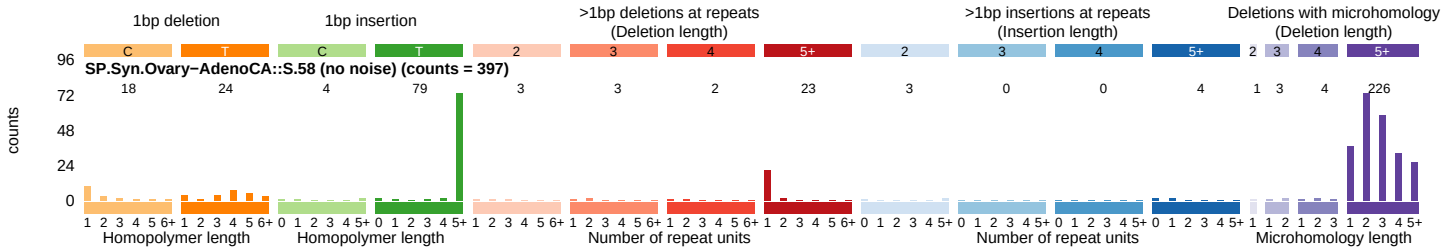
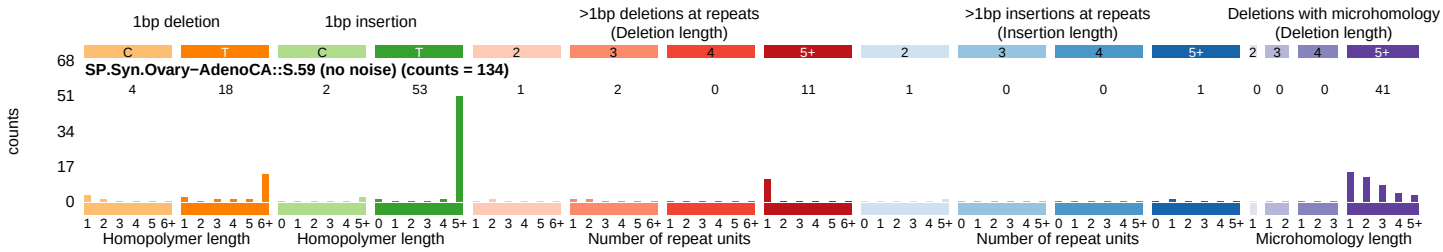
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.57 (no noise) (counts = 553)
111 216 3 76 16 10 6 14 7 2 2 3 6 5 5 71
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.58 (no noise) (counts = 397)
18 24 4 79 3 3 2 23 3 0 0 4 1 3 4 226
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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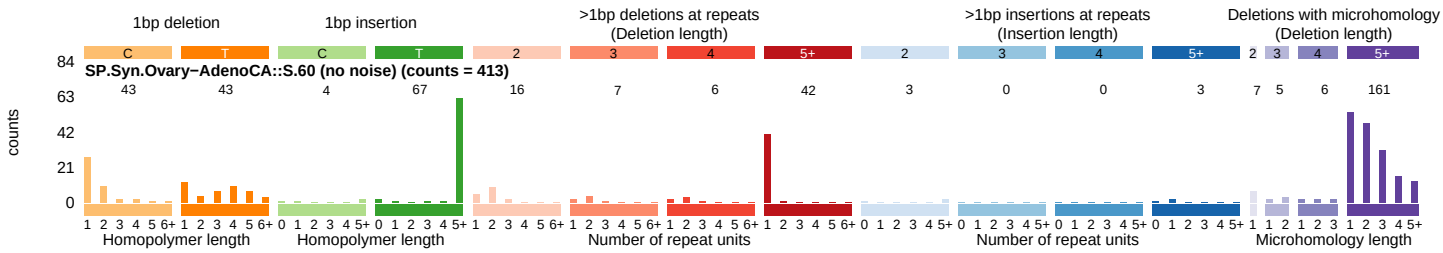
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.59 (no noise) (counts = 134)
4 18 2 53 1 2 0 11 1 0 0 1 0 0 0 41
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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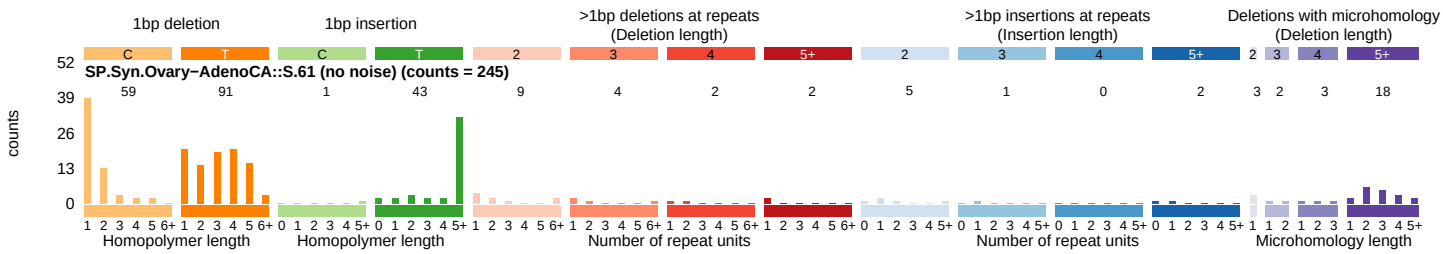
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.60 (no noise) (counts = 413)
43 43 4 67 16 7 6 42 3 0 0 3 7 5 6 161
counts
Homopolymer length
Number of repeat units
Microhomology length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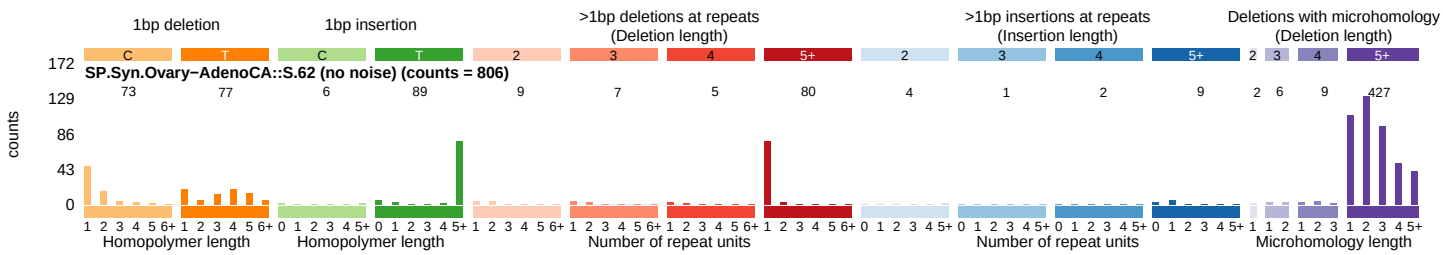
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.61 (no noise) (counts = 245)
59 91 1 43 9 4 2 2 5 1 0 2 3 2 3 18
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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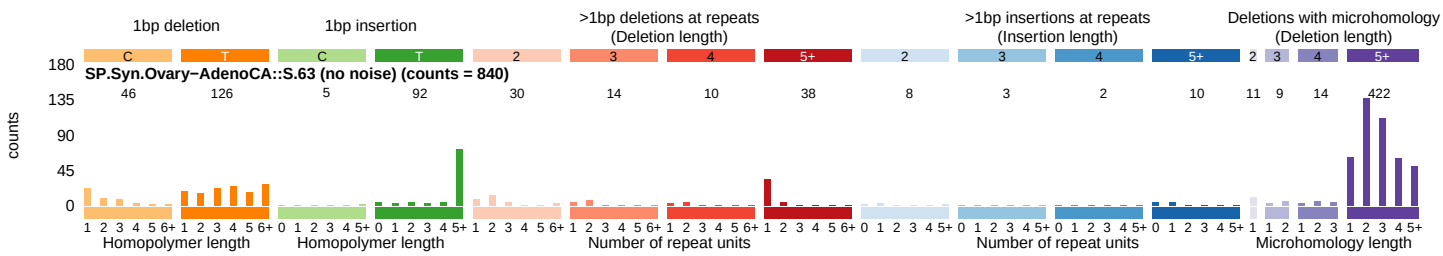
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.62 (no noise) (counts = 806)
73 77 6 89 9 7 5 80 4 1 2 9 2 6 9 427
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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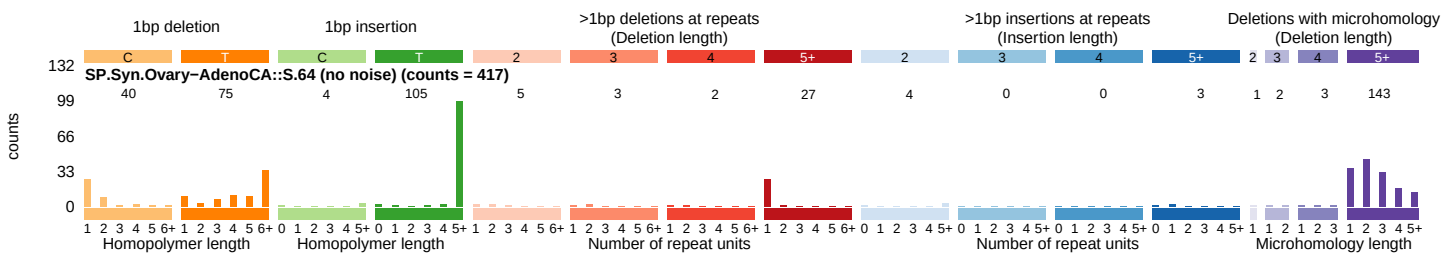
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.63 (no noise) (counts = 840)
46 126 5 92 30 14 10 38 8 3 2 10 11 9 14 422
counts
Homopolymer length
Number of repeat units
Microhomology length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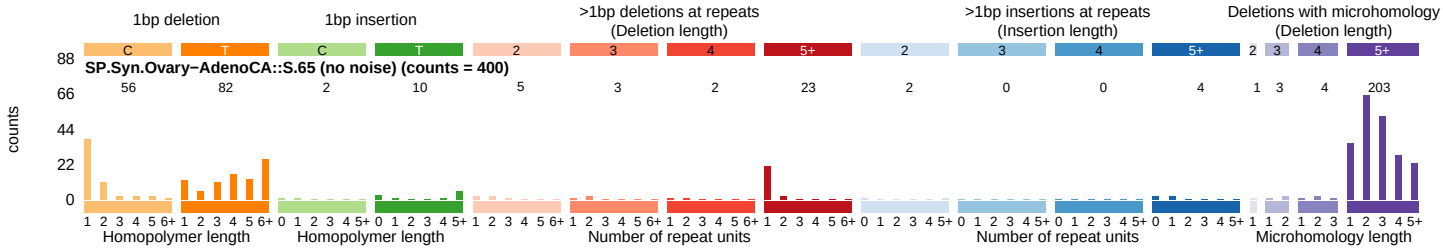
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.64 (no noise) (counts = 417)
40 75 4 105 5 3 2 27 4 0 0 3 1 2 3 143
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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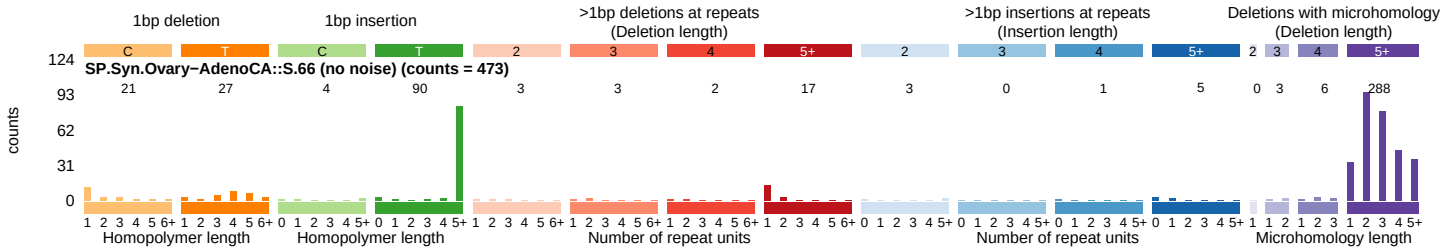
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.65 (no noise) (counts = 400)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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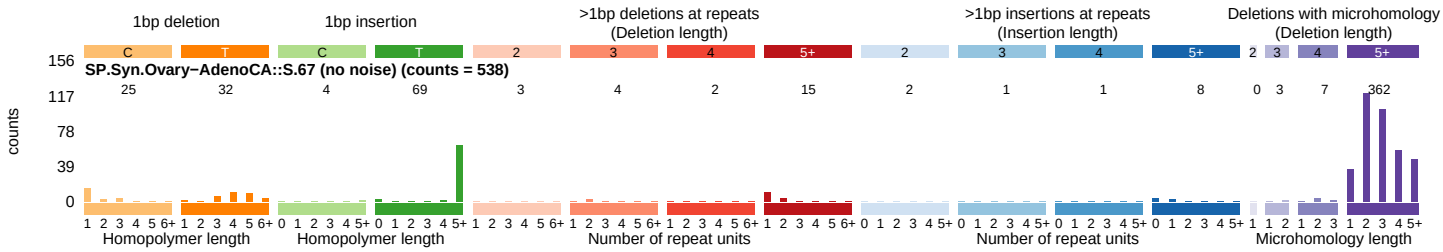
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.66 (no noise) (counts = 473)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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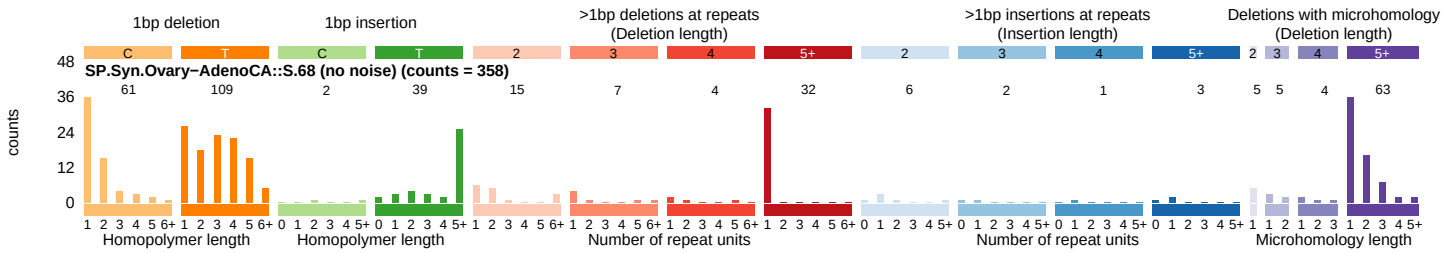
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.67 (no noise) (counts = 538)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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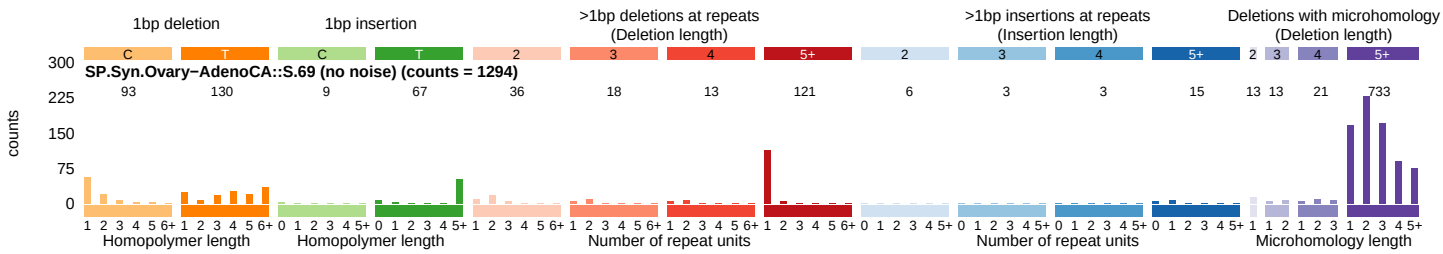
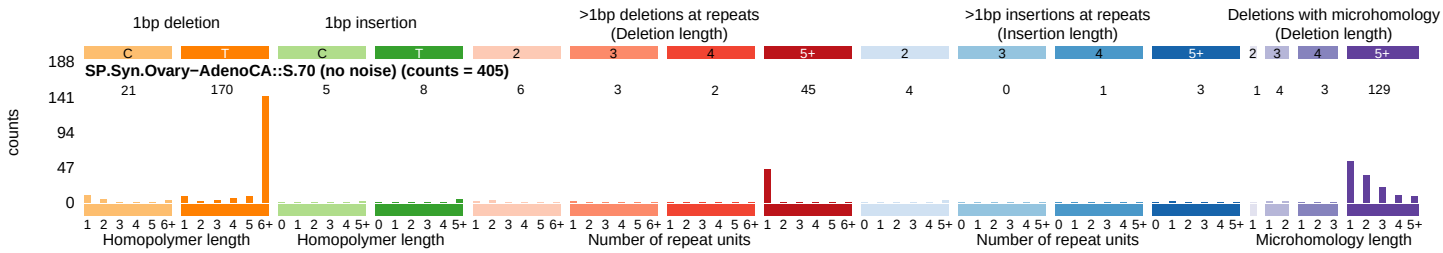
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.68 (no noise) (counts = 358)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.69 (no noise) (counts = 1294)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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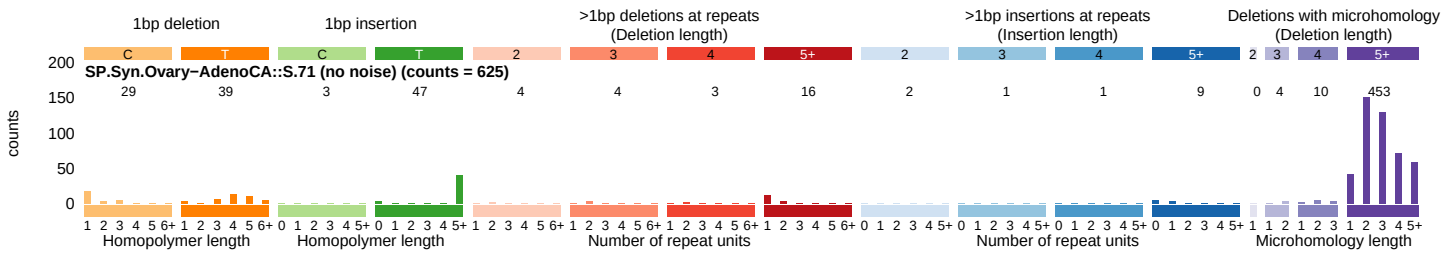
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.70 (no noise) (counts = 405)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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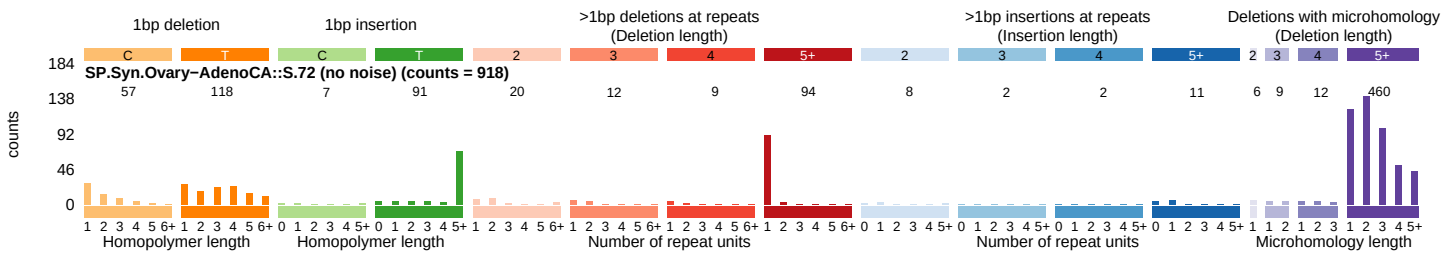
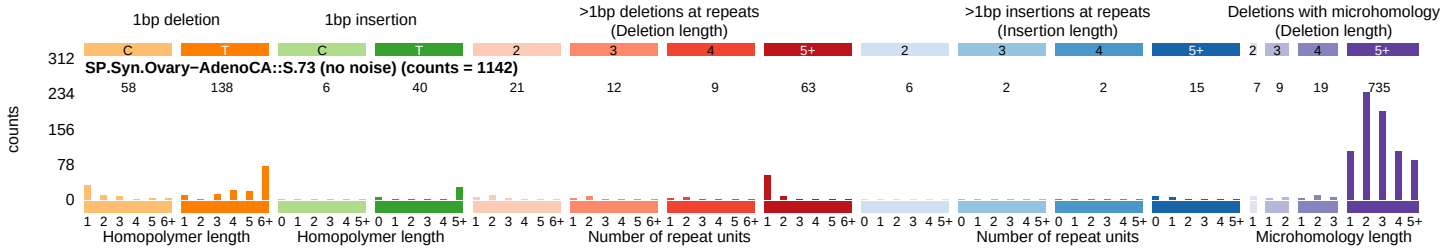
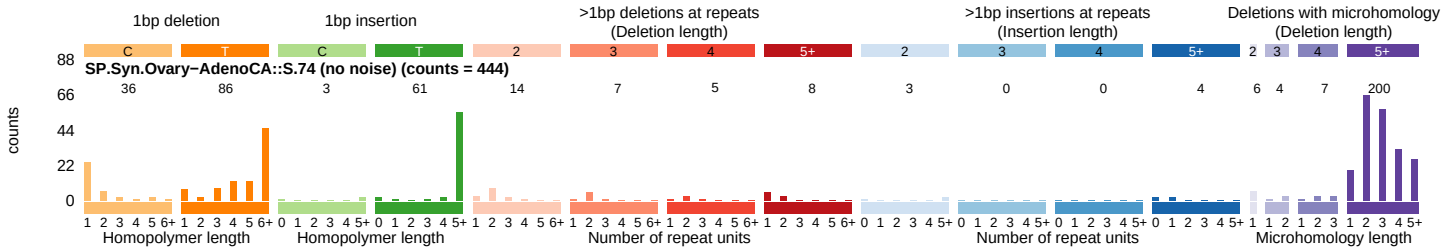
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.71 (no noise) (counts = 625)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.72 (no noise) (counts = 918)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.73 (no noise) (counts = 1142)
counts
Homopolymer length
Number of repeat units
Microhomology length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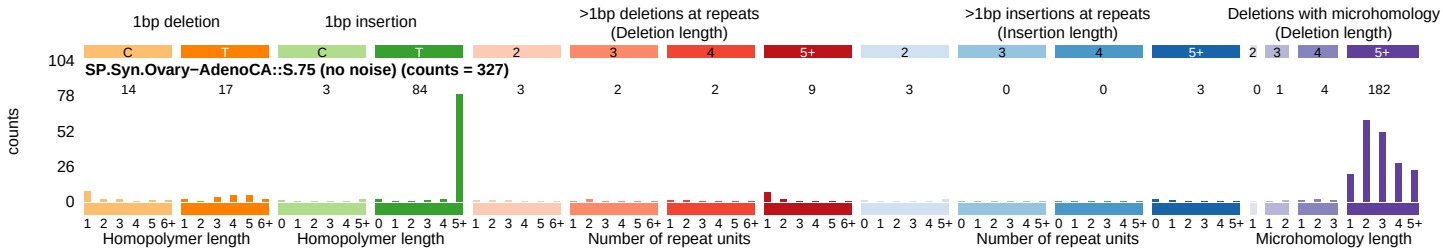
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.74 (no noise) (counts = 444)
counts
Homopolymer length
Number of repeat units
Microhomology length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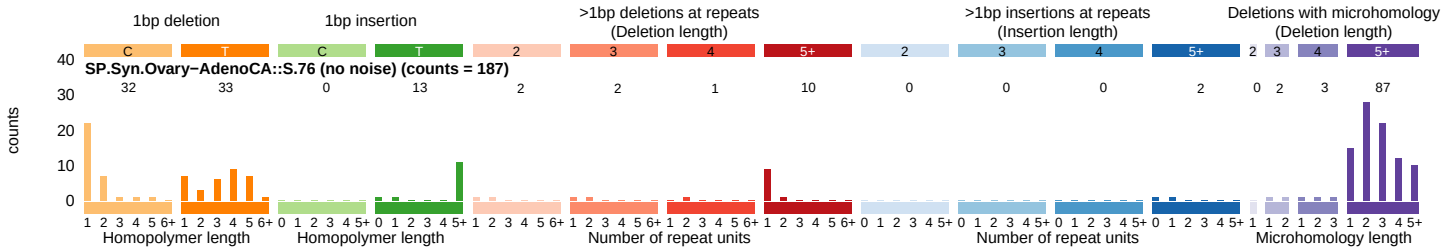
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.75 (no noise) (counts = 327)
counts
Homopolymer length
Number of repeat units
Microhomology length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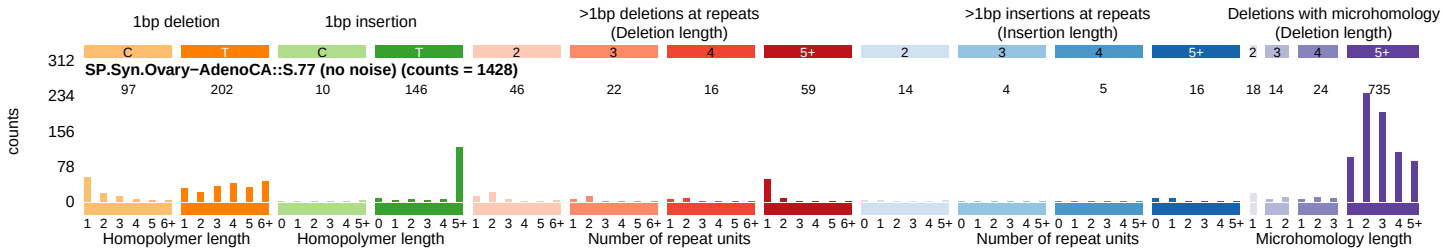
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.76 (no noise) (counts = 187)
counts
Homopolymer length
Number of repeat units
Microhomology length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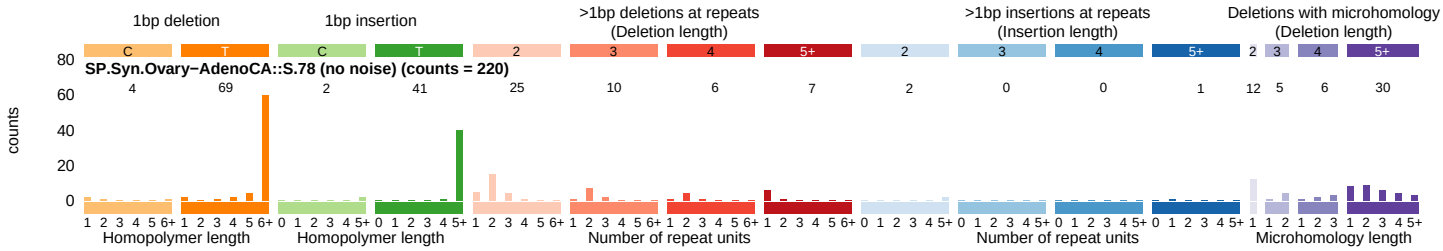
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.77 (no noise) (counts = 1428)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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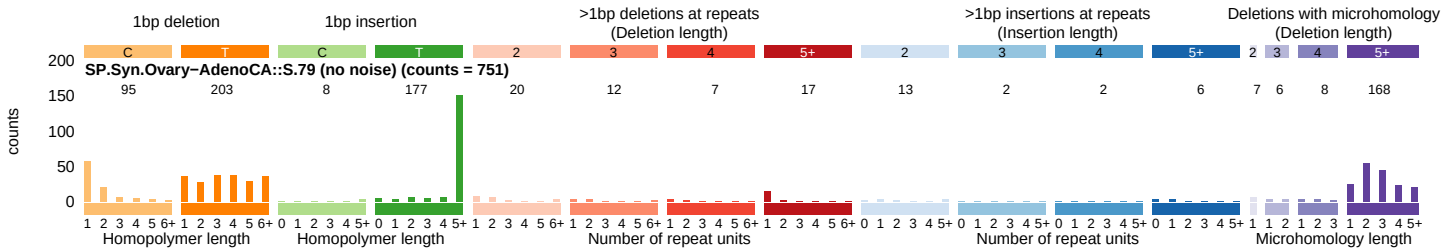
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.78 (no noise) (counts = 220)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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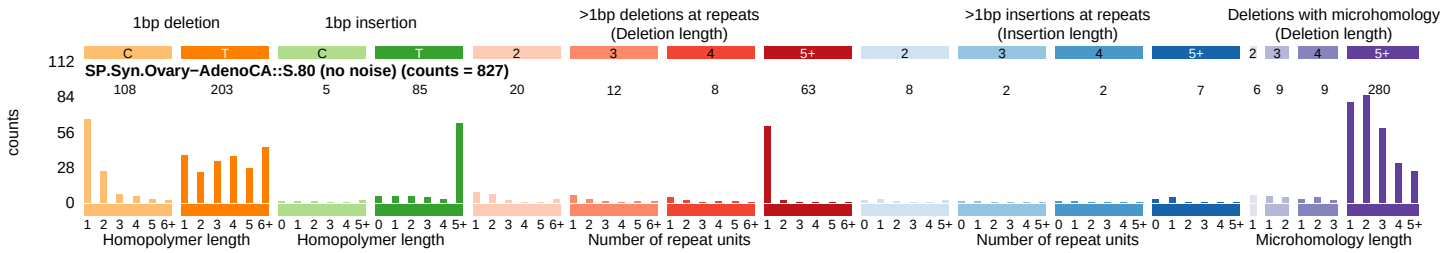
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.79 (no noise) (counts = 751)
counts
Homopolymer length
Number of repeat units
Microhomology length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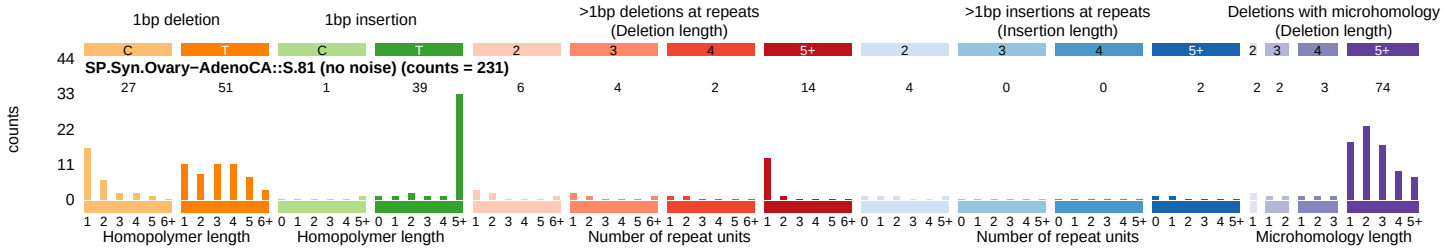
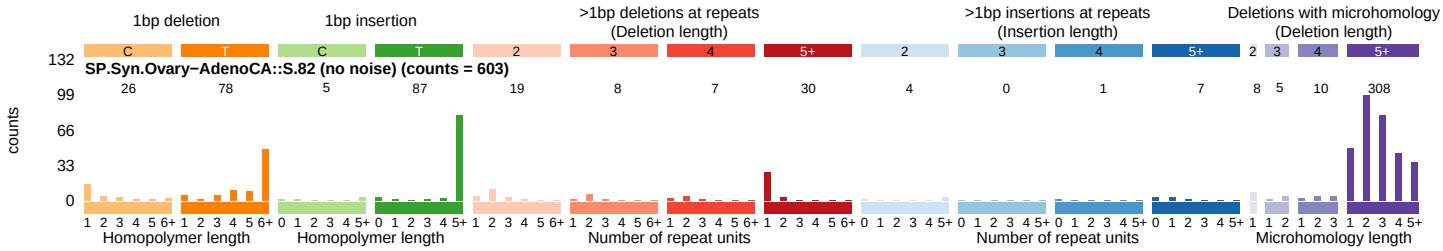
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.80 (no noise) (counts = 827)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.81 (no noise) (counts = 231)
27 51 1 39 6 4 2 14 4 0 0 2 2 2 3 74
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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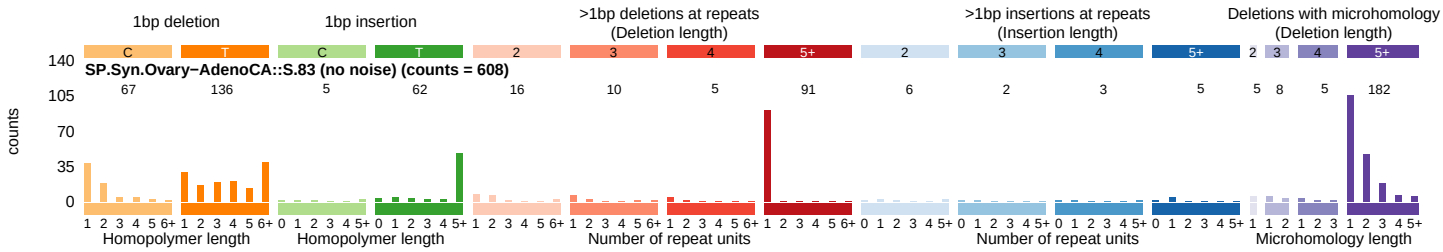
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.82 (no noise) (counts = 603)
26 78 5 87 19 8 7 30 4 0 1 7 8 5 10 308
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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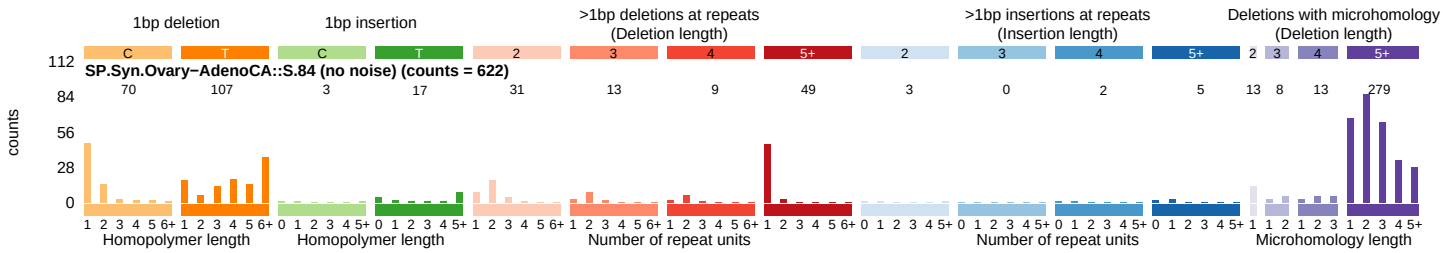
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.83 (no noise) (counts = 608)
67 136 5 62 16 10 5 91 6 2 3 5 5 8 5 182
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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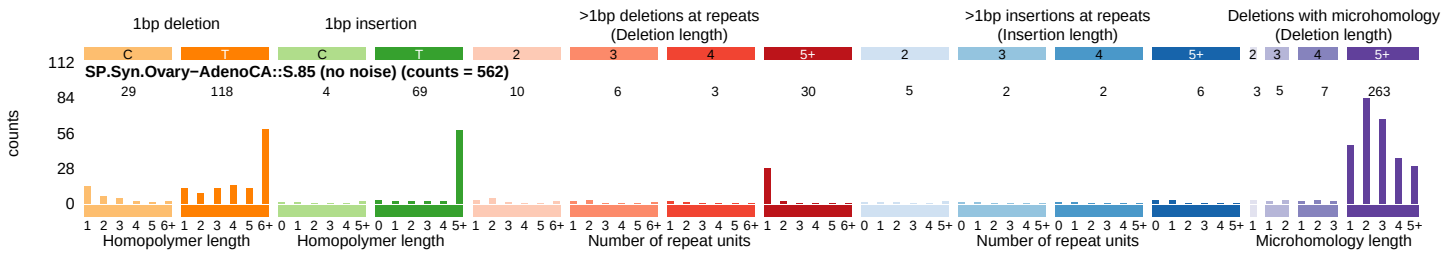
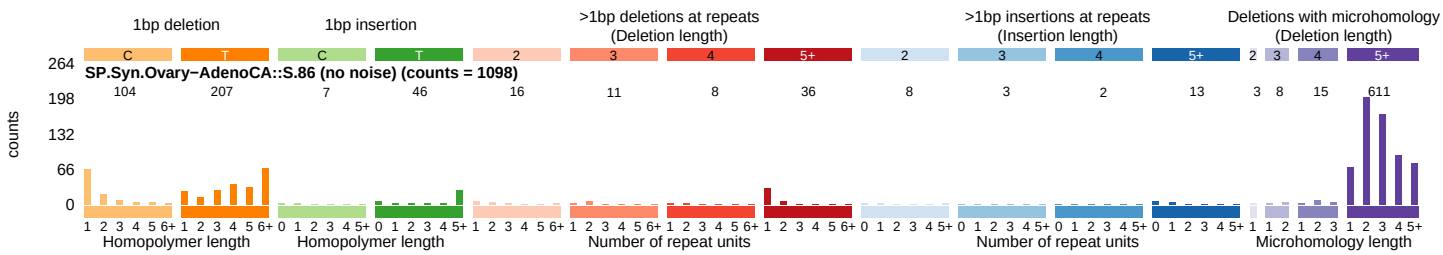
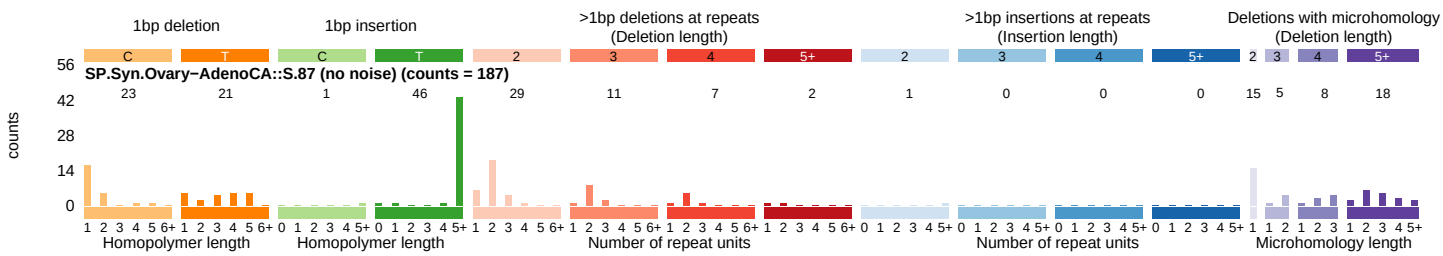
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.84 (no noise) (counts = 622)
70 107 3 17 31 13 9 49 3 0 2 5 13 8 13 279
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.85 (no noise) (counts = 562)
29 118 4 69 10 6 3 30 5 2 2 6 3 5 7 263
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.86 (no noise) (counts = 1098)
104 207 7 46 16 11 8 36 8 3 2 13 3 8 15 611
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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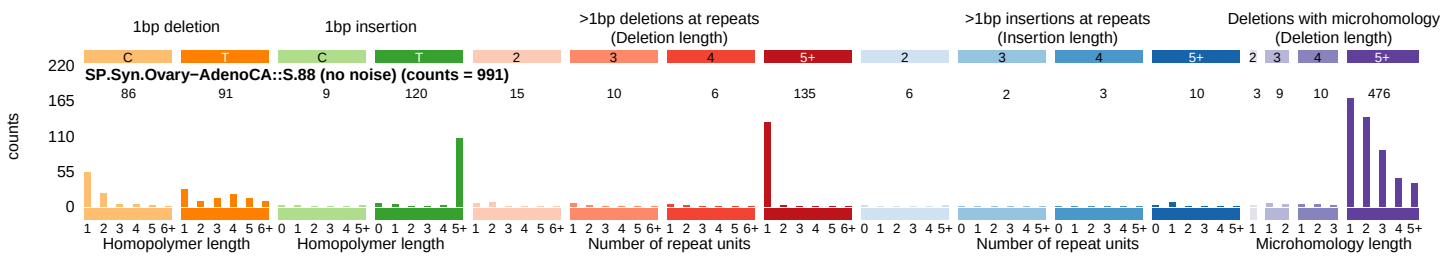
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.87 (no noise) (counts = 187)
23 21 1 46 29 11 7 2 1 0 0 0 15 5 8 18
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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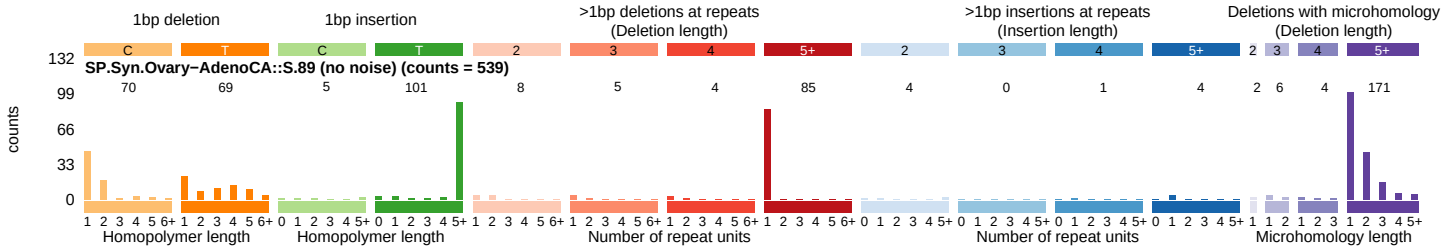
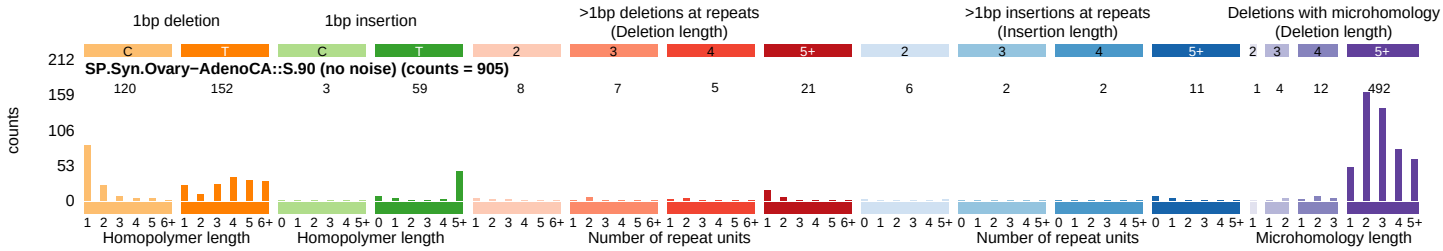
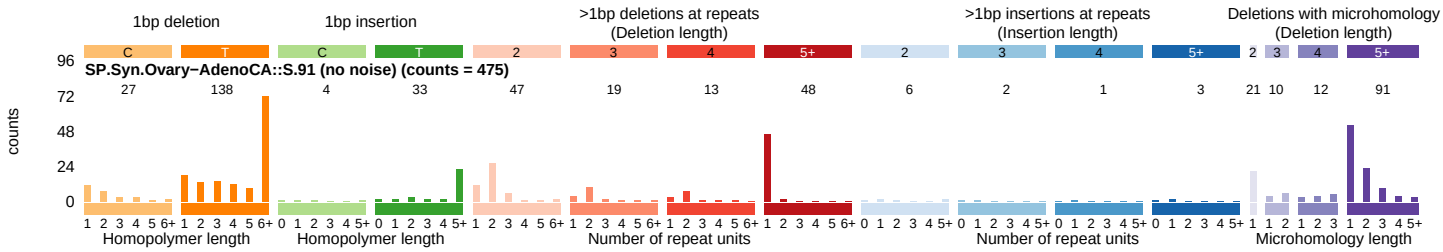
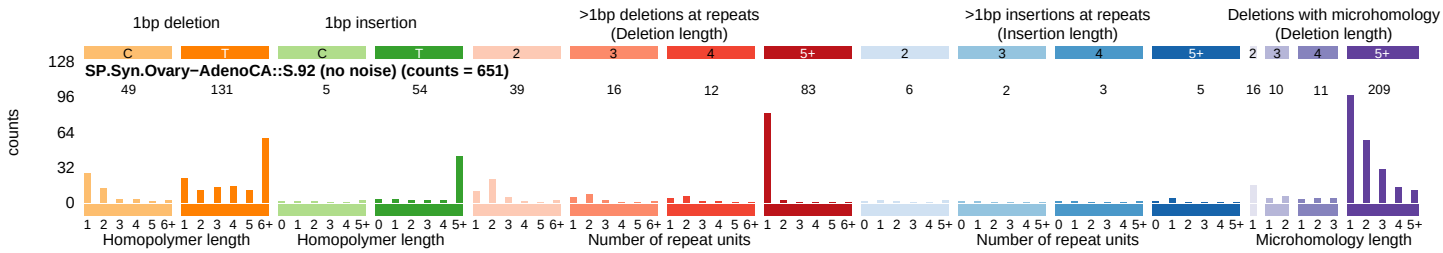
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.88 (no noise) (counts = 991)
86 91 9 120 15 10 6 135 6 2 3 10 3 9 10 476
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.89 (no noise) (counts = 539)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.90 (no noise) (counts = 905)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.91 (no noise) (counts = 475)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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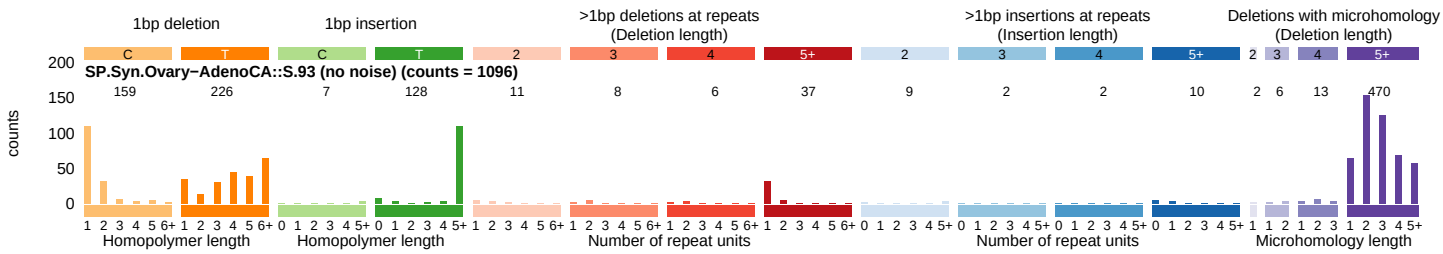
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.92 (no noise) (counts = 651)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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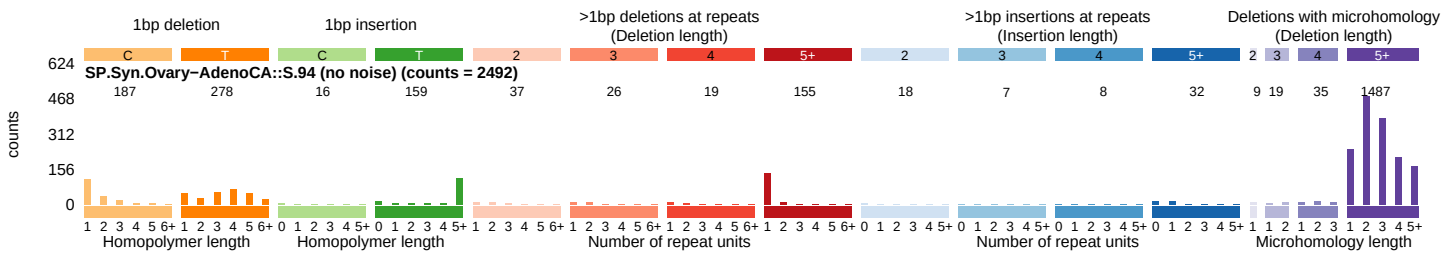
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.93 (no noise) (counts = 1096)
counts
Homopolymer length
Number of repeat units
Microhomology length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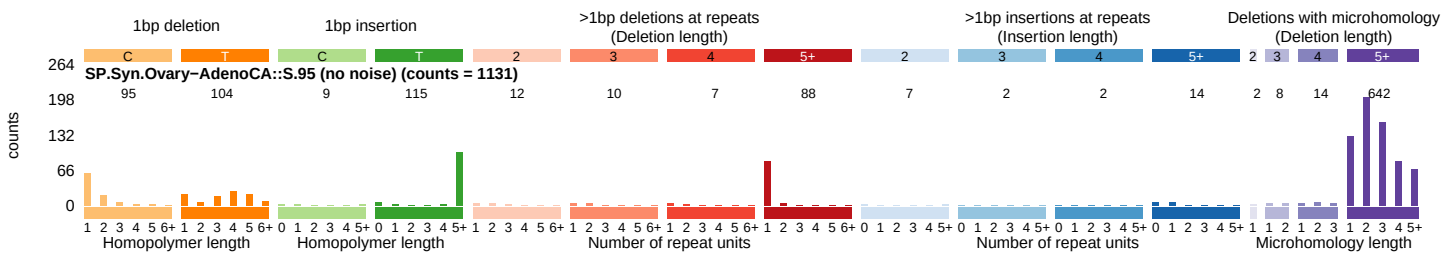
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.94 (no noise) (counts = 2492)
counts
Homopolymer length
Number of repeat units
Microhomology length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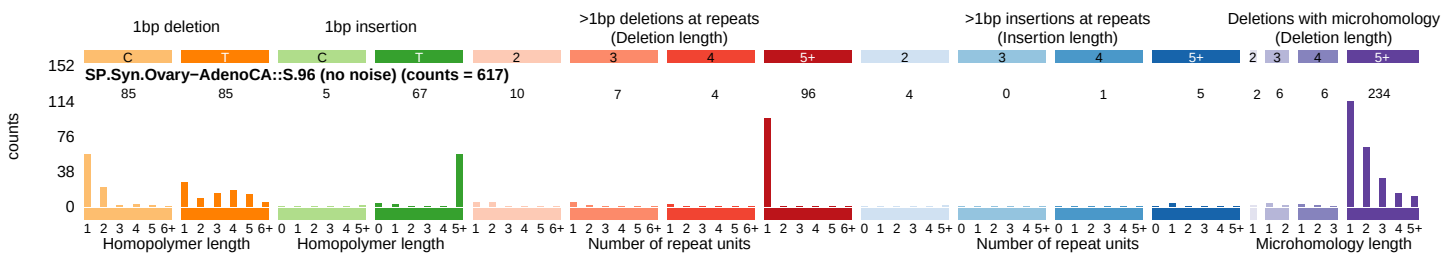
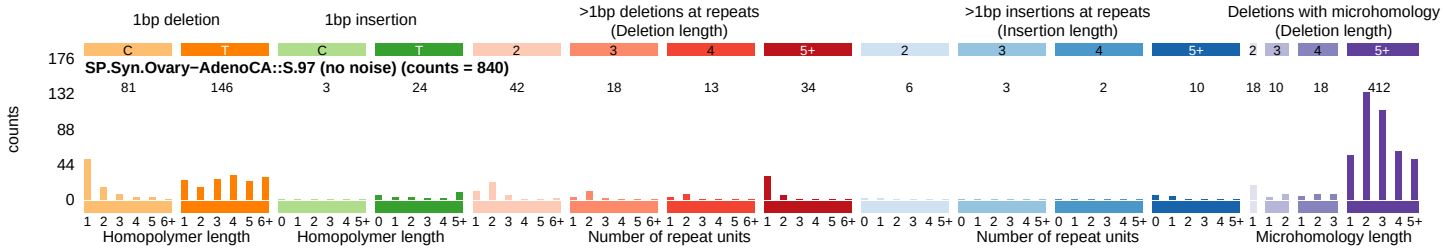
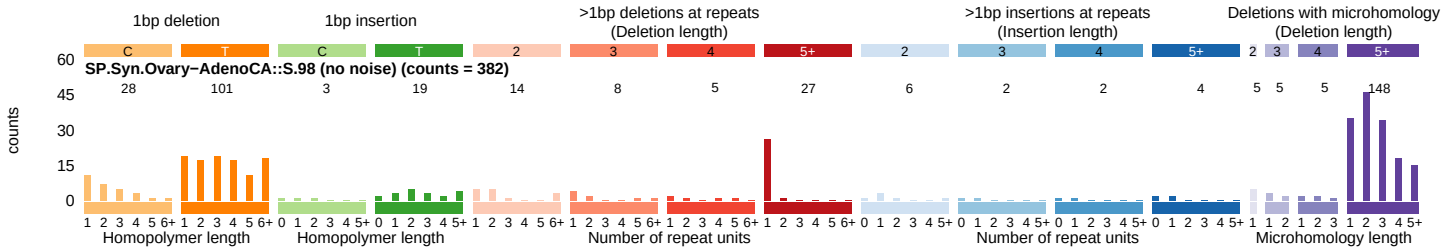
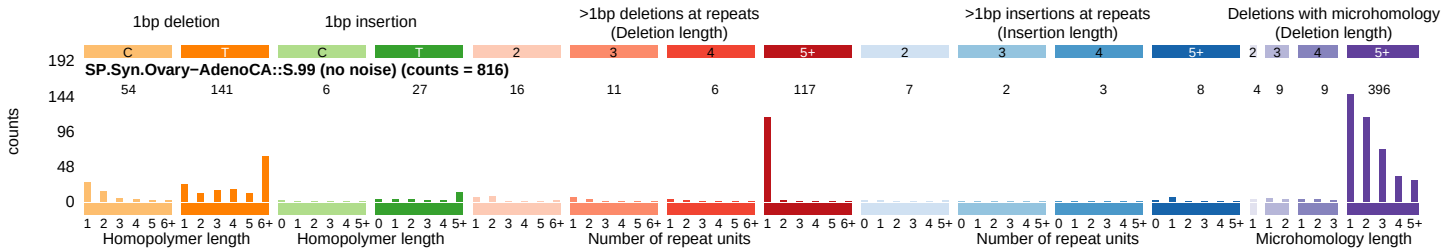
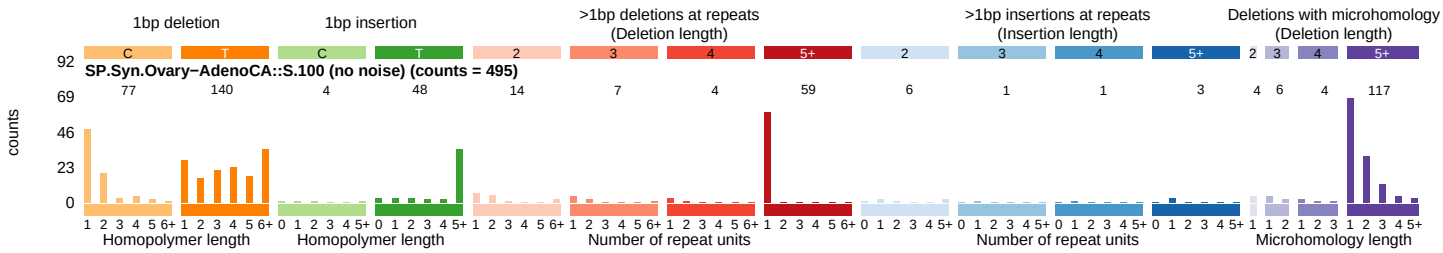
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.95 (no noise) (counts = 1131)
counts
Homopolymer length
Number of repeat units
Microhomology length

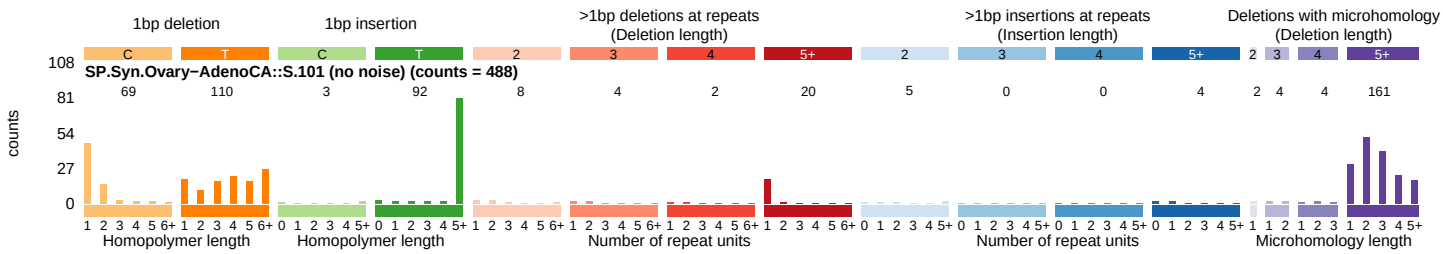

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.96 (no noise) (counts = 617)
counts
Homopolymer length
Number of repeat units
Microhomology length

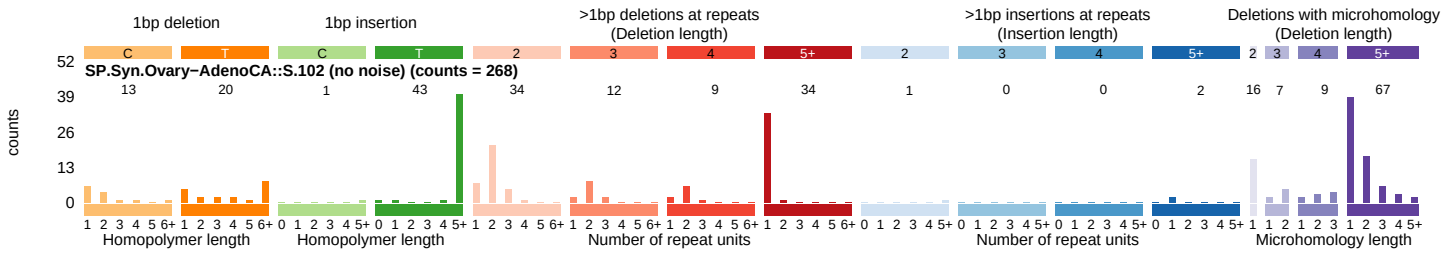

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.97 (no noise) (counts = 840)
counts
Homopolymer length
Number of repeat units
Microhomology length

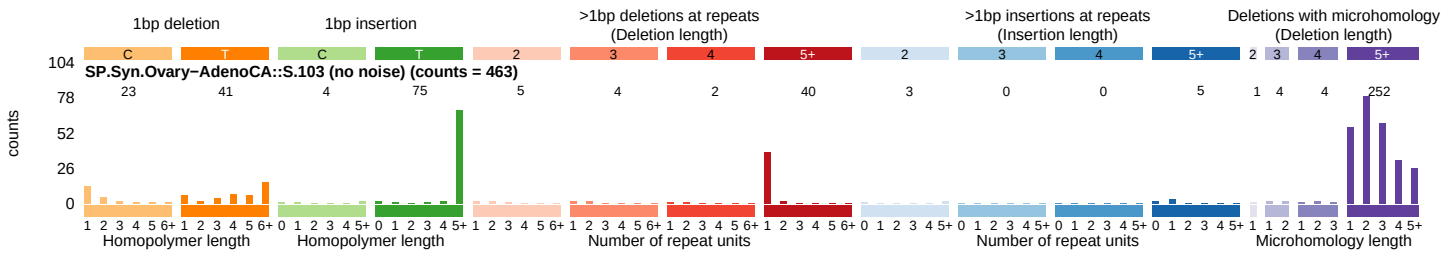

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.98 (no noise) (counts = 382)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.99 (no noise) (counts = 816)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.100 (no noise) (counts = 495)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.101 (no noise) (counts = 488)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.102 (no noise) (counts = 268)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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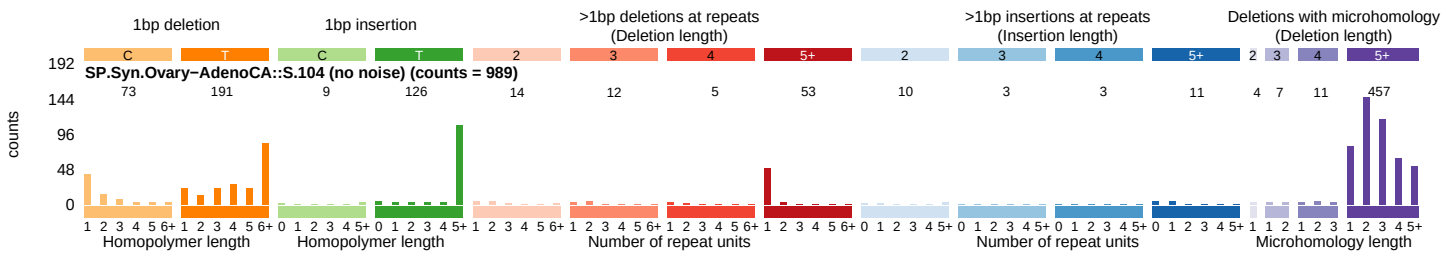
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.103 (no noise) (counts = 463)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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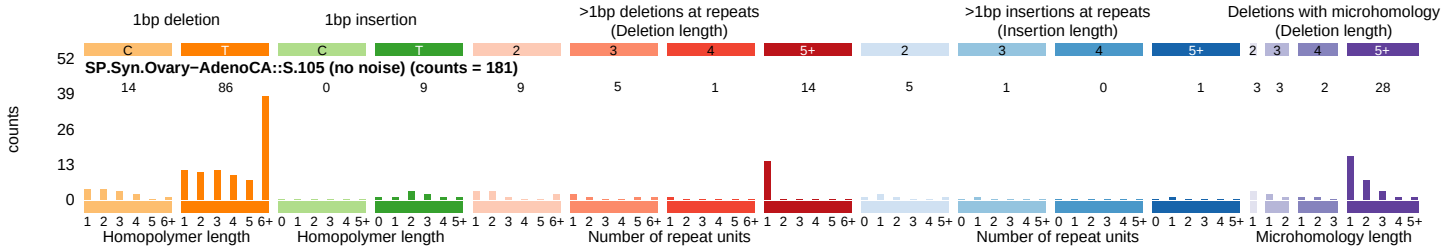
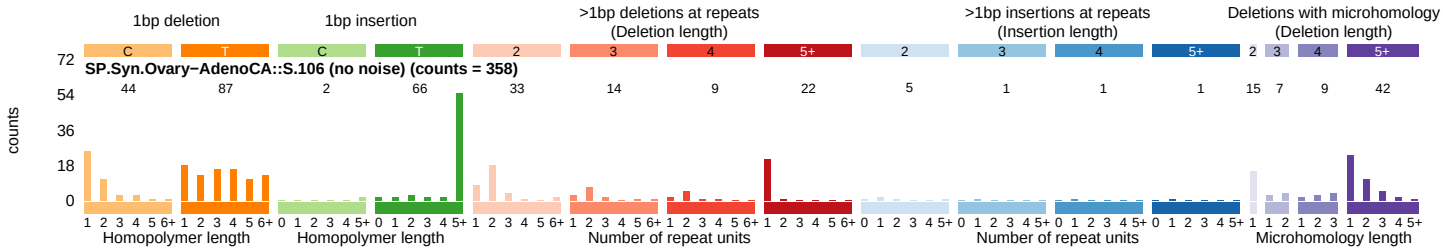
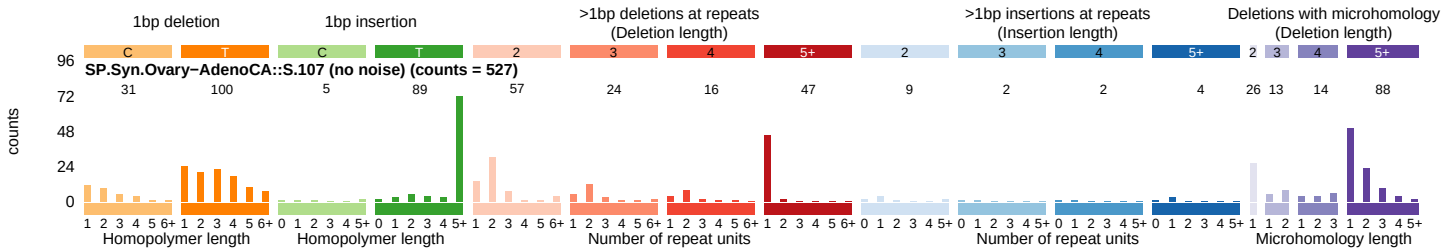
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.104 (no noise) (counts = 989)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.105 (no noise) (counts = 181)
14 86 0 9 9 5 1 14 5 1 0 1 3 3 2 28
counts
52 39 26 13 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.106 (no noise) (counts = 358)
44 87 2 66 33 14 9 22 5 1 1 1 15 7 9 42
counts
72 54 36 18 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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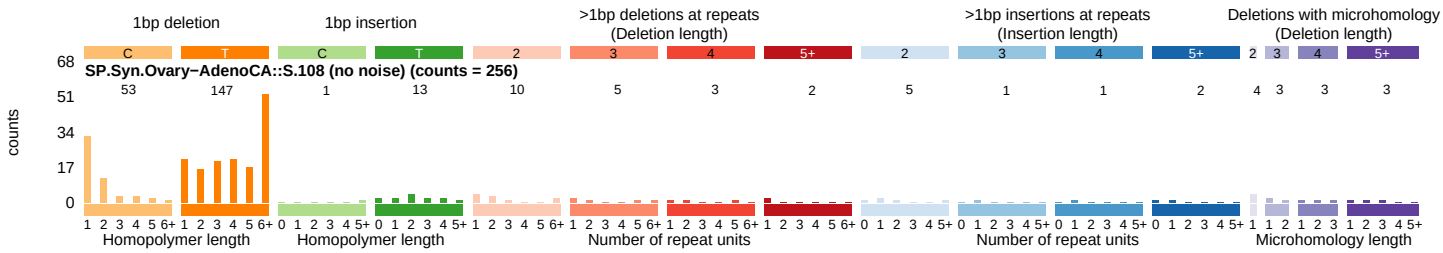
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.107 (no noise) (counts = 527)
31 100 5 89 57 24 16 47 9 2 2 4 26 13 14 88
counts
96 72 48 24 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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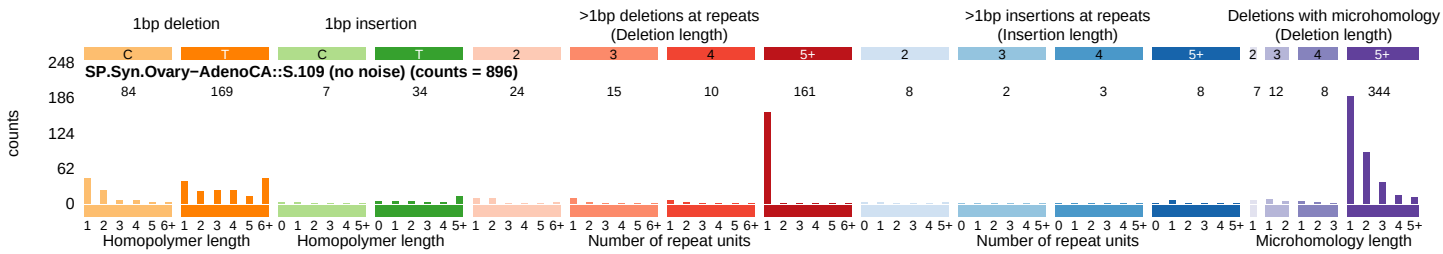
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.108 (no noise) (counts = 256)
53 147 1 13 10 5 3 2 5 1 1 2 4 3 3 3
counts
68 51 34 17 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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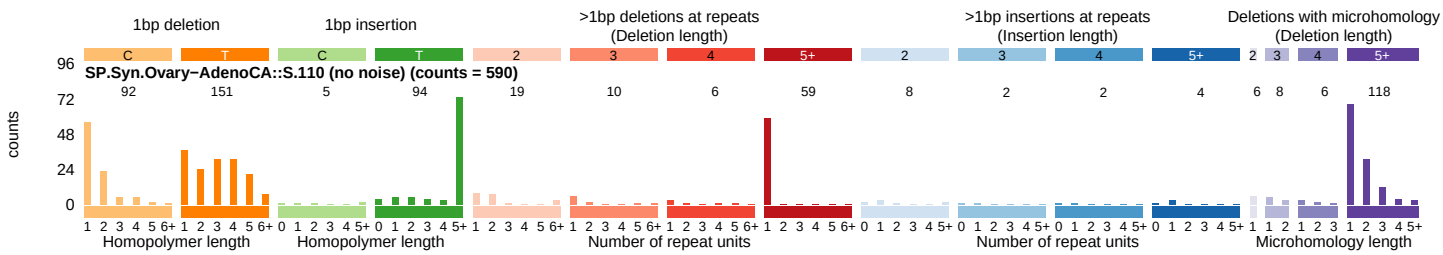
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.109 (no noise) (counts = 896)
84 169 7 34 24 15 10 161 8 2 3 8 7 12 8 344
counts
248 186 124 62 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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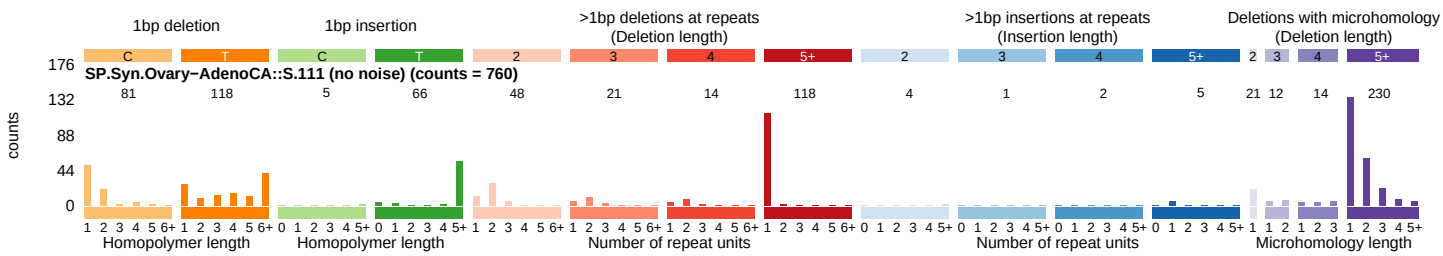
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.110 (no noise) (counts = 590)
92 151 5 94 19 10 6 59 8 2 2 4 6 8 6 118
counts
96 72 48 24 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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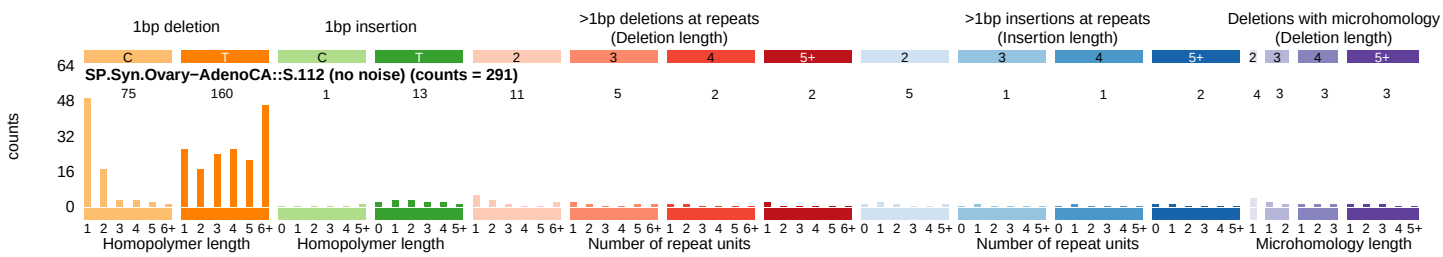
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.111 (no noise) (counts = 760)
81 118 5 66 48 21 14 118 4 1 2 5 21 12 14 230
counts
176 132 88 44 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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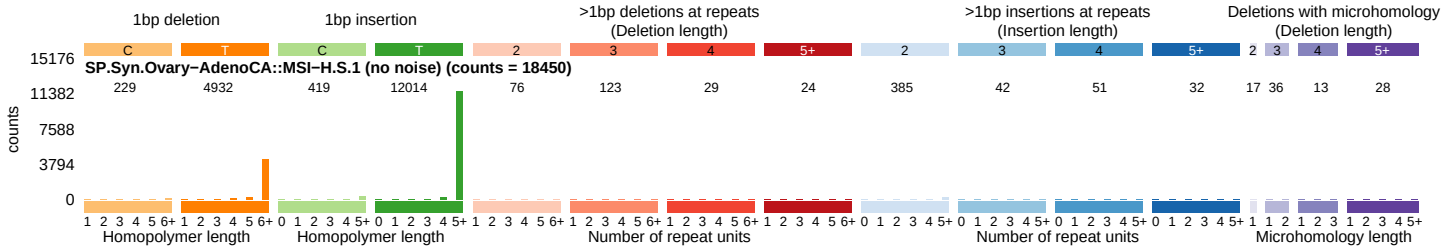
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.112 (no noise) (counts = 291)
75 160 1 13 11 5 2 2 5 1 1 2 4 3 3 3
counts
64 48 32 16 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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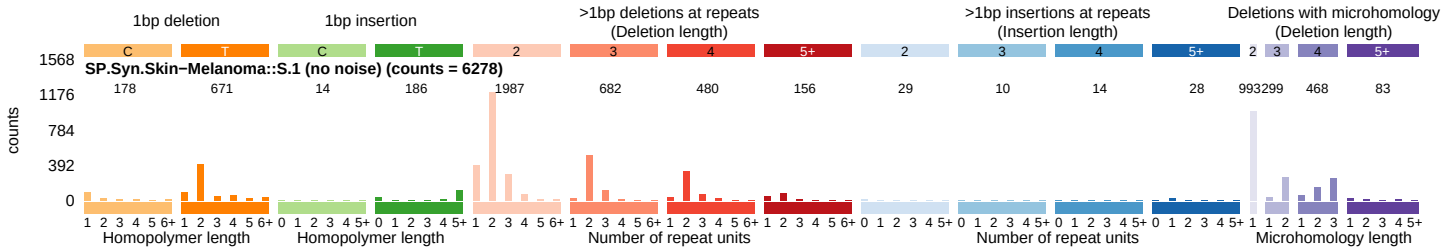
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::MSI−H.S.1 (no noise) (counts = 18450)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
229 4932 419 12014 76 123 29 24 385 42 51 32 17 36 13 28
counts
15176 11382 7588 3794 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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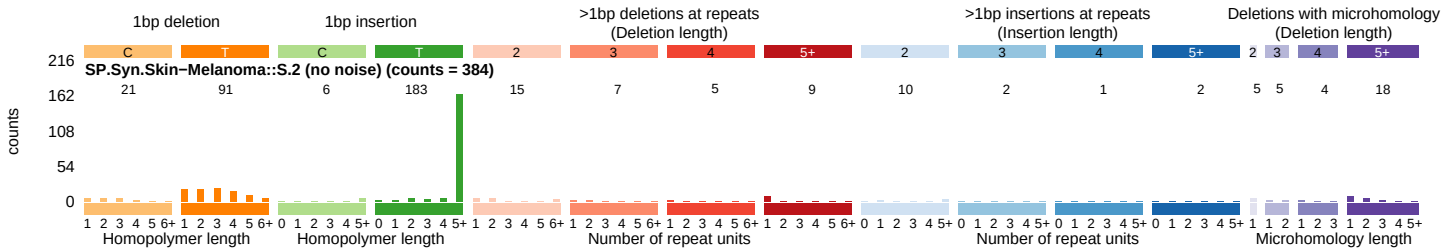
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.1 (no noise) (counts = 6278)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
178 671 14 186 1987 682 480 156 29 10 14 28 993299 468 83
counts
1568 1176 784 392 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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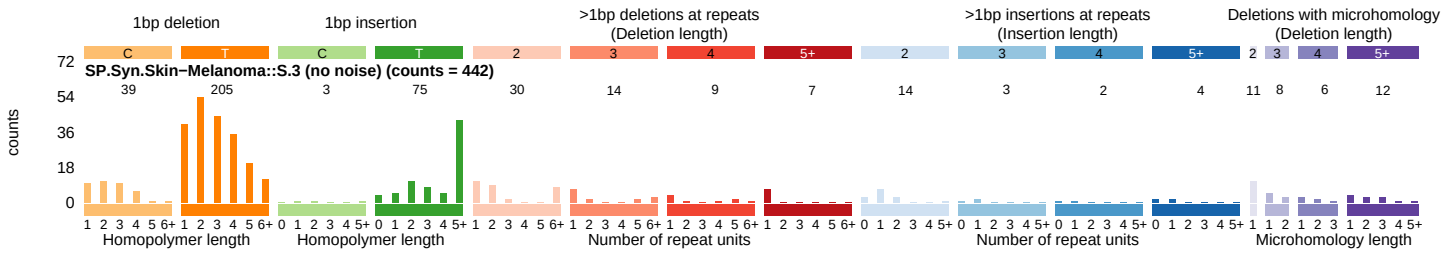
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.2 (no noise) (counts = 384)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
21 91 6 183 15 7 5 9 10 2 1 2 5 5 4 18
counts
216 162 108 54 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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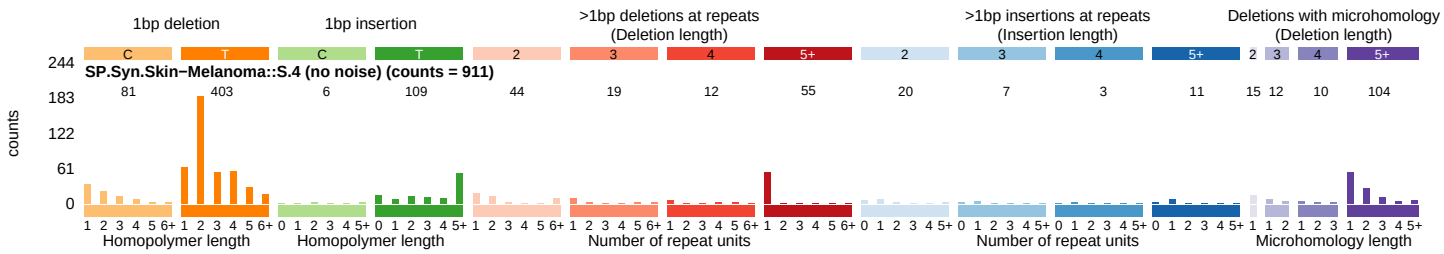
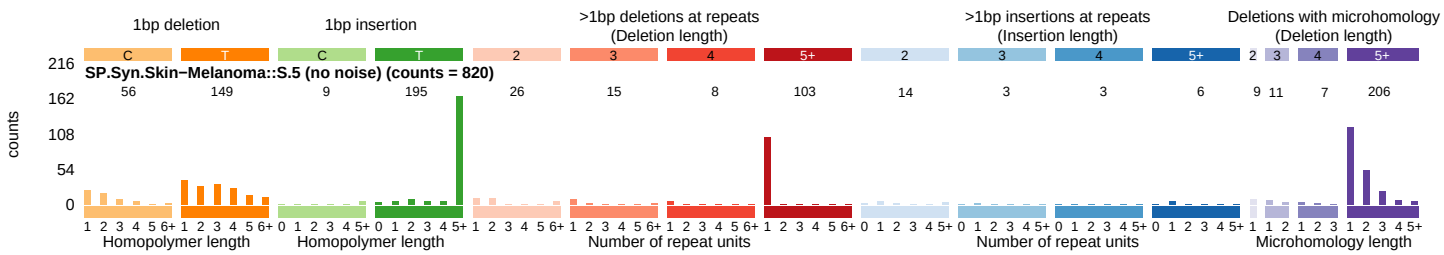
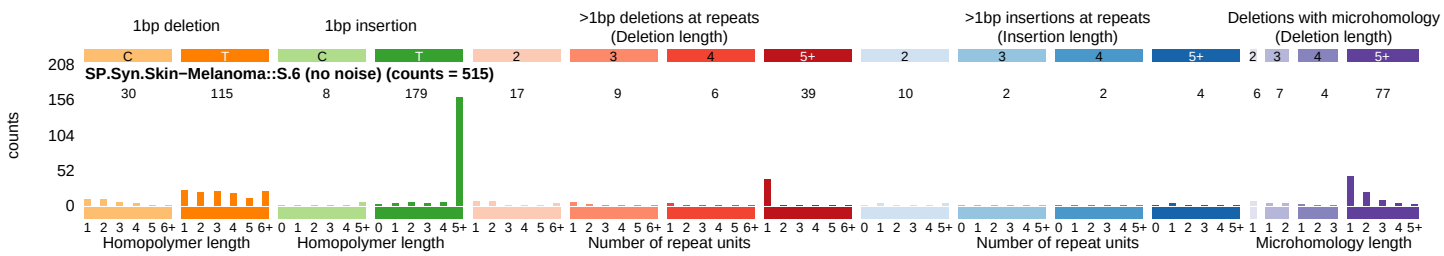
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.3 (no noise) (counts = 442)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
39 205 3 75 30 14 9 7 14 3 2 4 11 8 6 12
counts
72 54 36 18 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.4 (no noise) (counts = 911)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
81 403 6 109 44 19 12 55 20 7 3 11 15 12 10 104
counts
244 183 122 61 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.5 (no noise) (counts = 820)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
56 149 9 195 26 15 8 103 14 3 3 6 9 11 7 206
counts
216 162 108 54 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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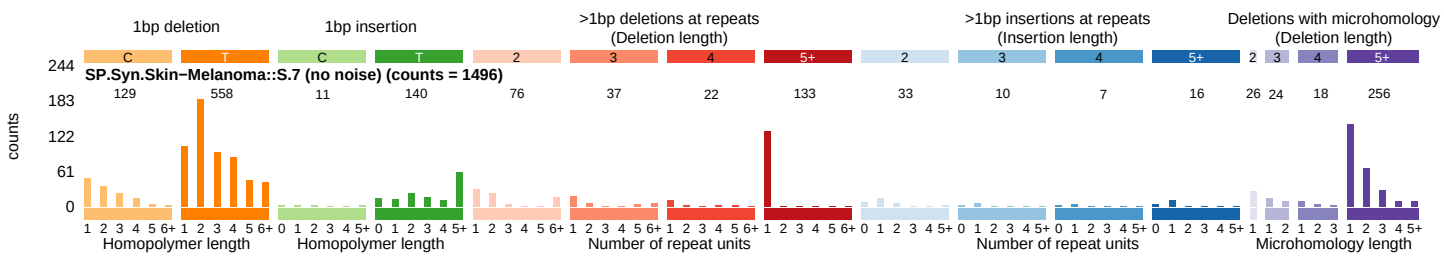
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.6 (no noise) (counts = 515)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
30 115 8 179 17 9 6 39 10 2 2 4 6 7 4 77
counts
208 156 104 52 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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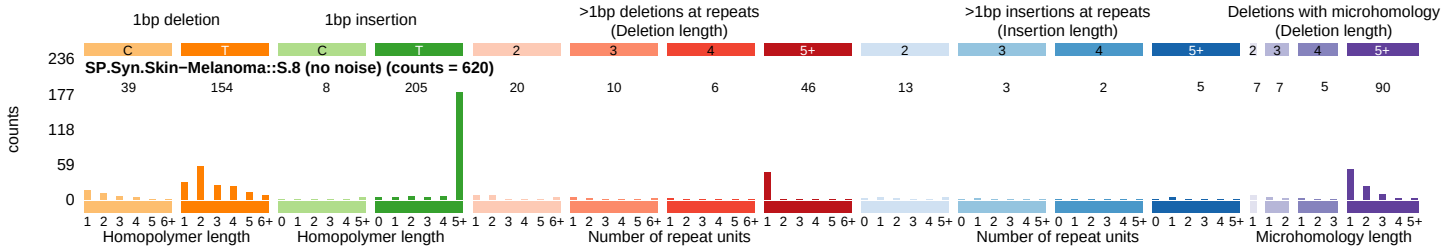
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.7 (no noise) (counts = 1496)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
129 558 11 140 76 37 22 133 33 10 7 16 26 24 18 256
counts
244 183 122 61 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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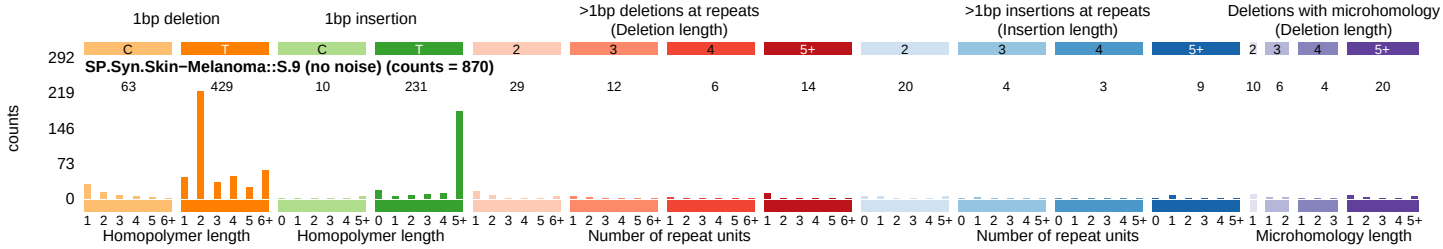
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.8 (no noise) (counts = 620)
counts
Homopolymer length
Number of repeat units
Microhomology length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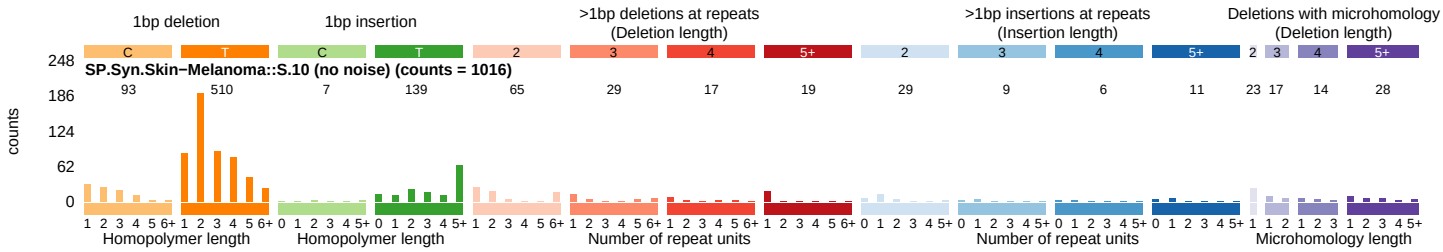
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.9 (no noise) (counts = 870)
counts
Homopolymer length
Number of repeat units
Microhomology length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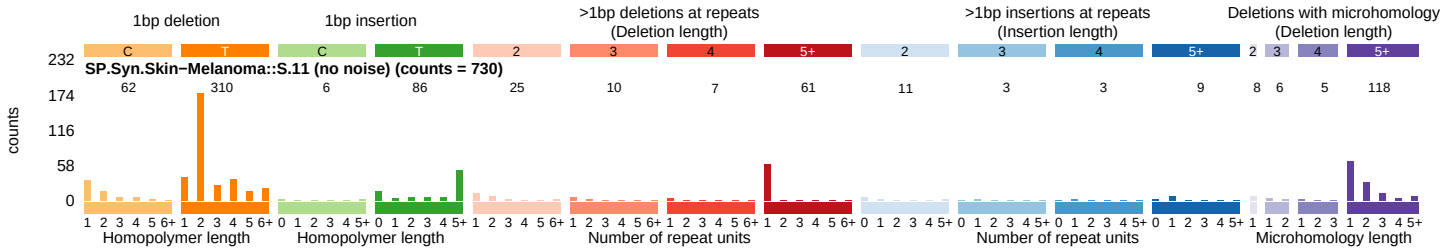
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.10 (no noise) (counts = 1016)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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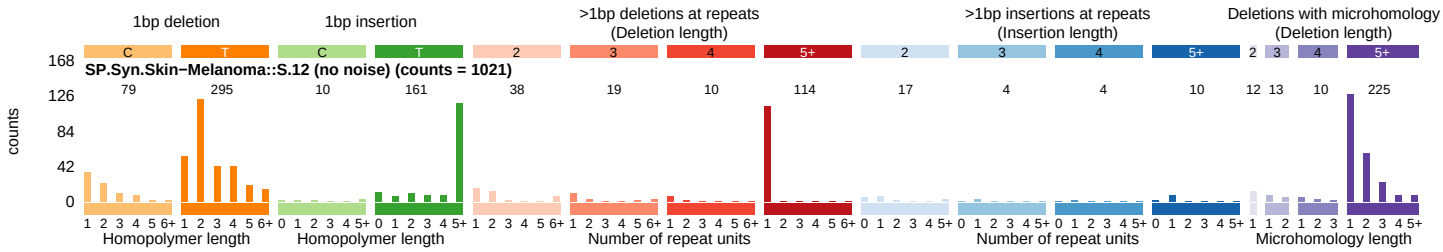
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.11 (no noise) (counts = 730)
counts
Homopolymer length
Number of repeat units
Microhomology length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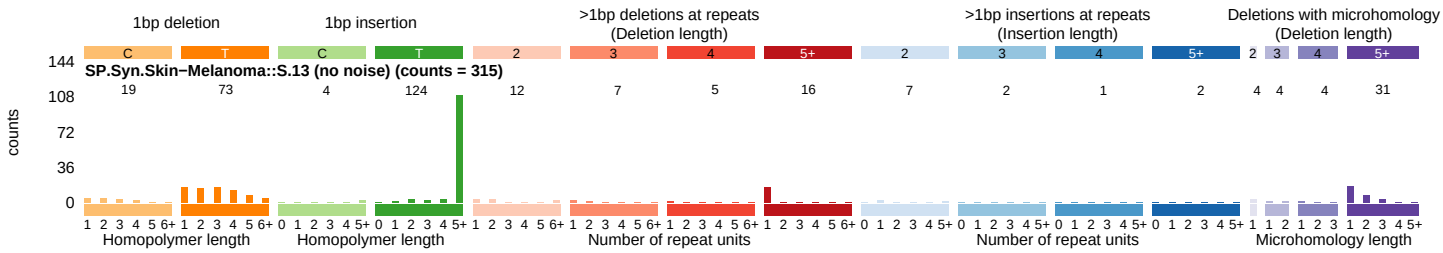
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.12 (no noise) (counts = 1021)
counts
Homopolymer length
Number of repeat units
Microhomology length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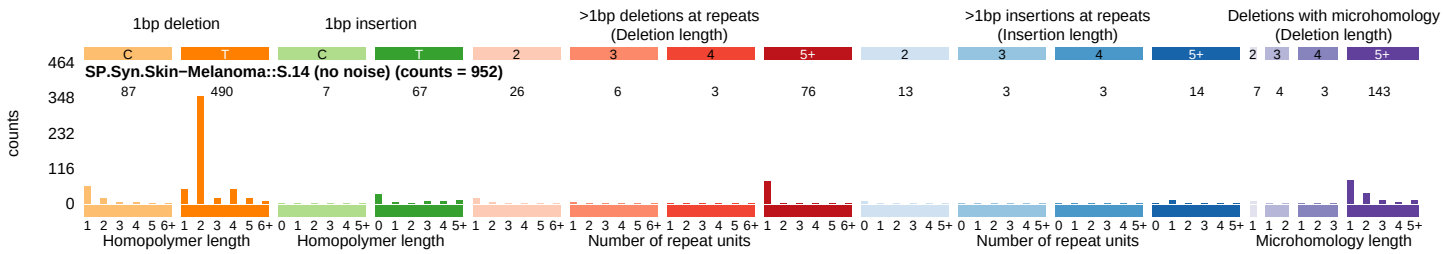
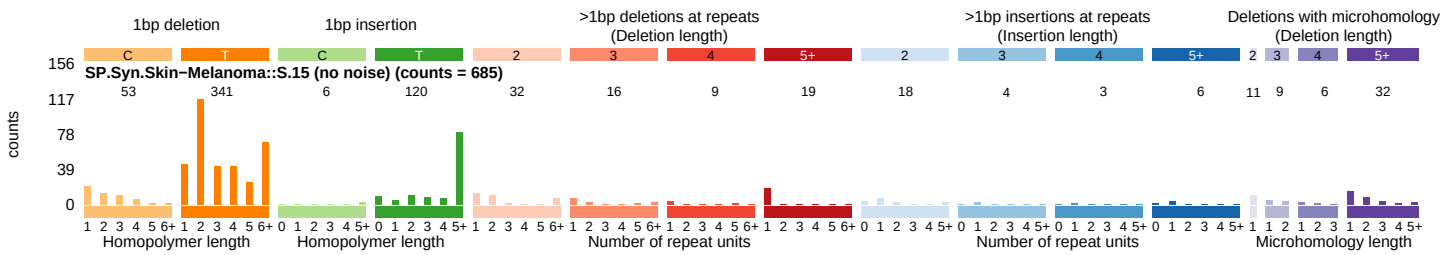
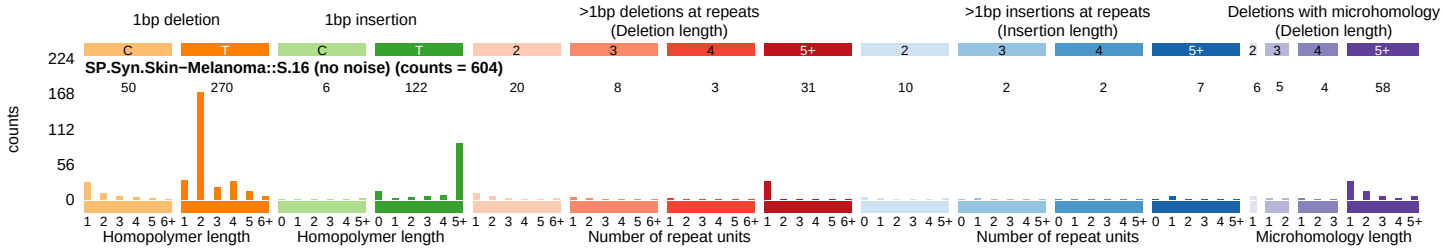
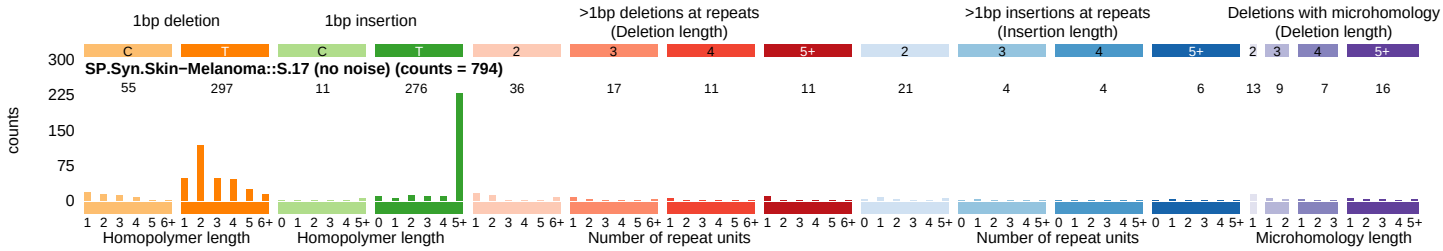
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.13 (no noise) (counts = 315)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.14 (no noise) (counts = 952)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.15 (no noise) (counts = 685)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.16 (no noise) (counts = 604)
50 270 6 122 20 8 3 31 10 2 2 7 6 5 4 58
counts
224 168 112 56 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
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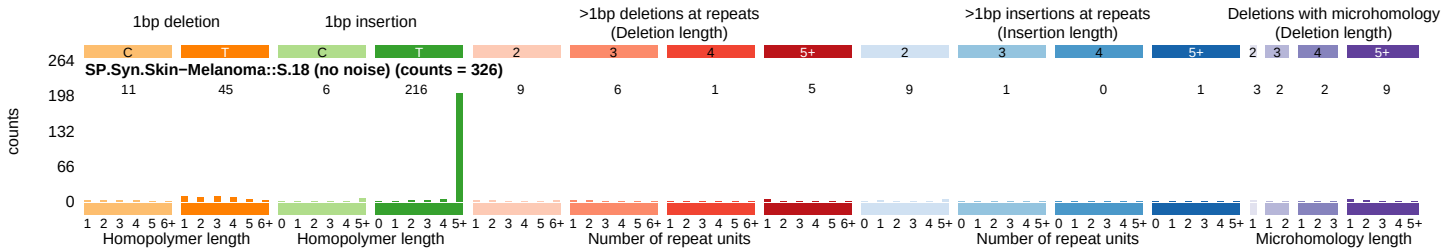
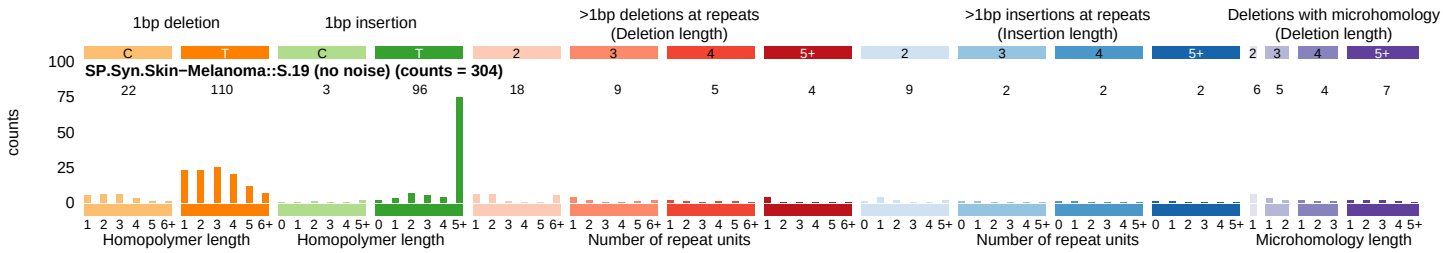
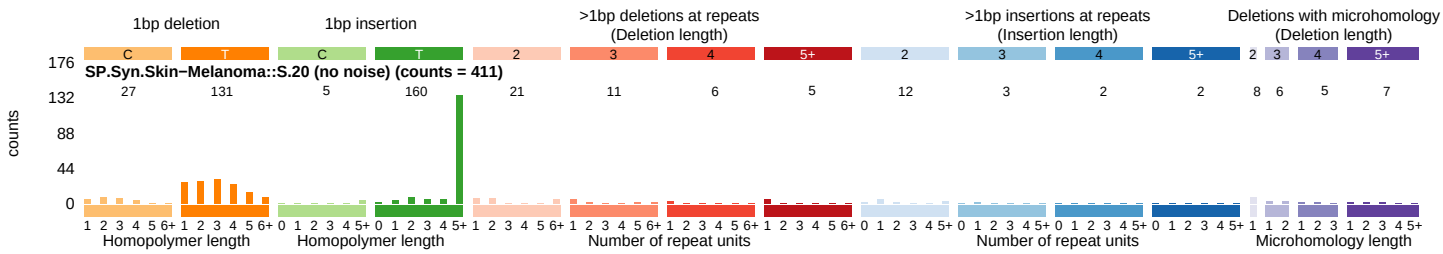
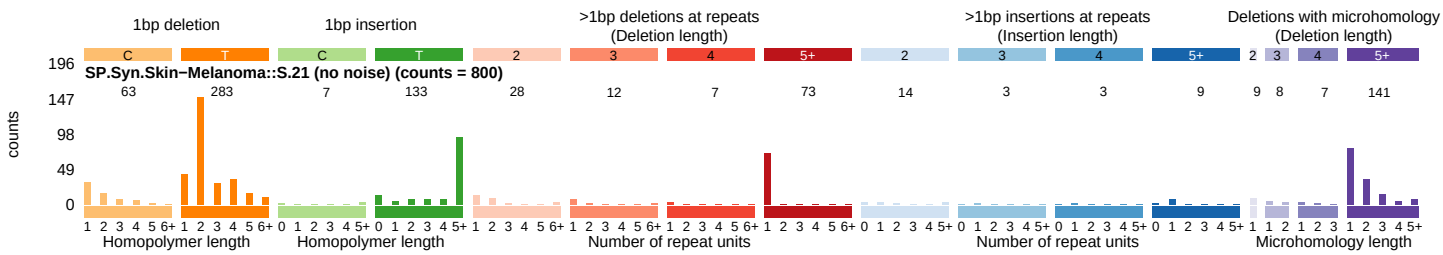
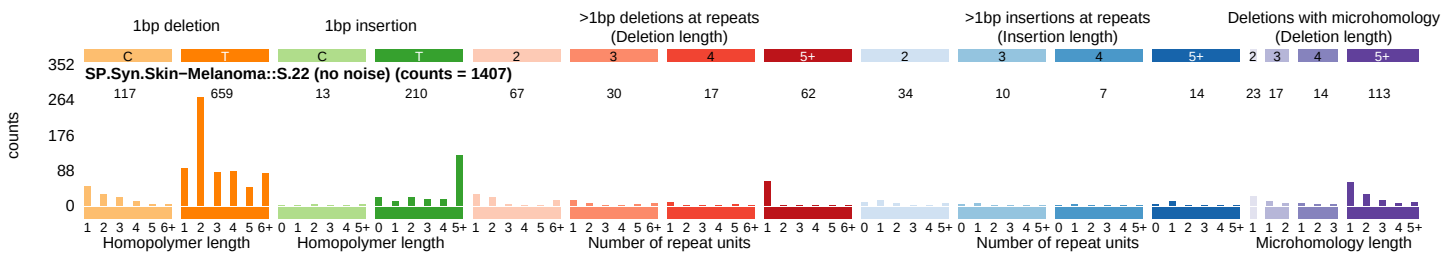
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.17 (no noise) (counts = 794)
55 297 11 276 36 17 11 11 21 4 4 6 13 9 7 16
counts
300 225 150 75 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

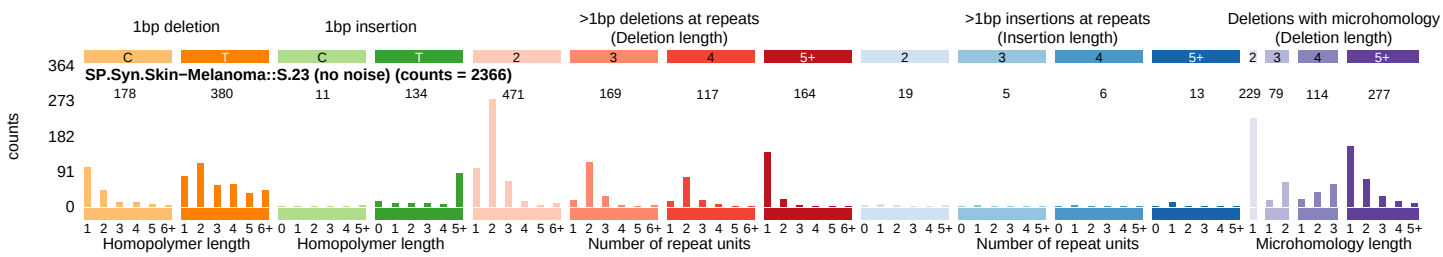

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.18 (no noise) (counts = 326)
11 45 6 216 9 6 1 5 9 1 0 1 3 2 2 9
counts
264 198 132 66 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

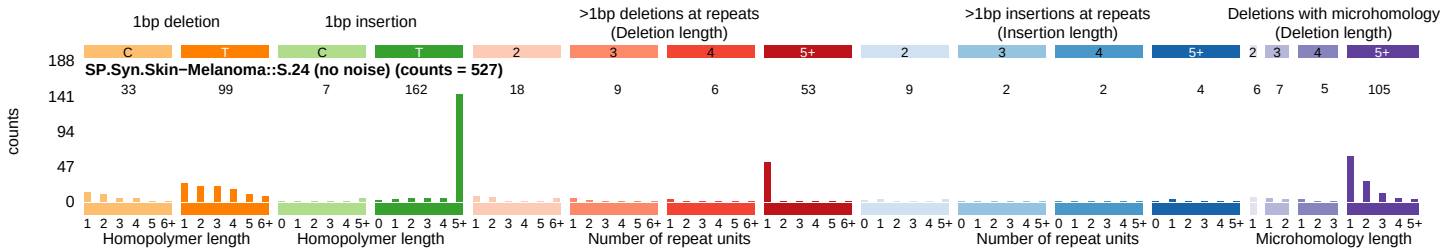

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.19 (no noise) (counts = 304)
22 110 3 96 18 9 5 4 9 2 2 2 6 5 4 7
counts
100 75 50 25 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.20 (no noise) (counts = 411)
27 131 5 160 21 11 6 5 12 3 2 2 8 6 5 7
counts
176 132 88 44 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.21 (no noise) (counts = 800)
63 283 7 133 28 12 7 73 14 3 3 9 9 8 7 141
counts
196 147 98 49 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.22 (no noise) (counts = 1407)
117 659 13 210 67 30 17 62 34 10 7 14 23 17 14 113
counts
352 264 176 88 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.23 (no noise) (counts = 2366)
178 380 11 134 471 169 117 164 19 5 6 13 229 79 114 277
counts
364 273 182 91 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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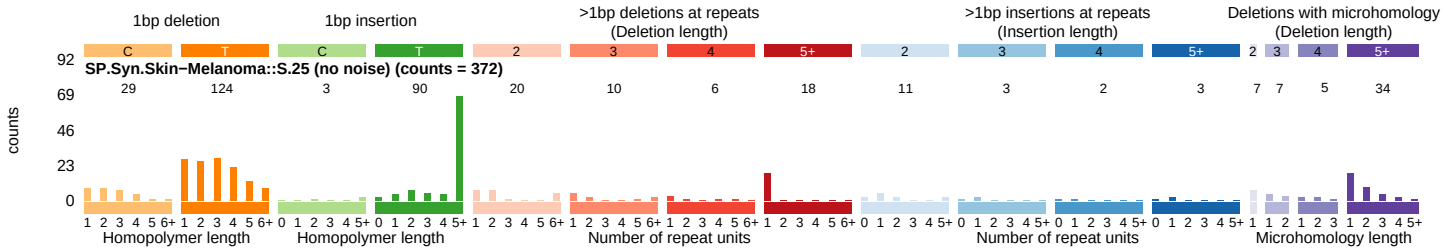
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.24 (no noise) (counts = 527)
counts
Homopolymer length
Number of repeat units
Microhomology length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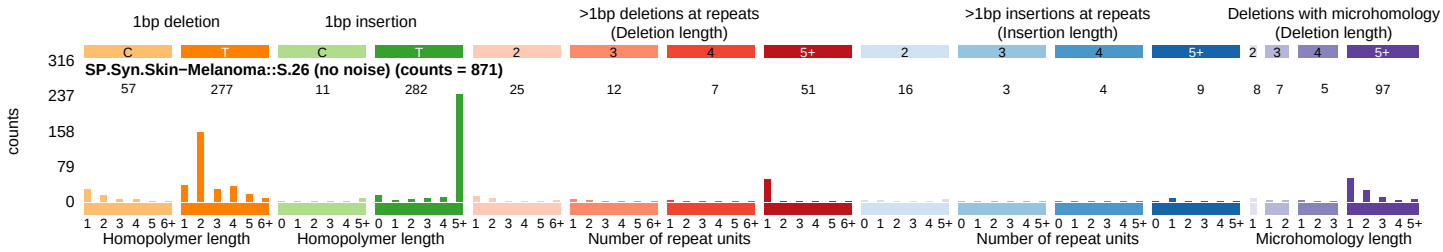
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.25 (no noise) (counts = 372)
counts
Homopolymer length
Number of repeat units
Microhomology length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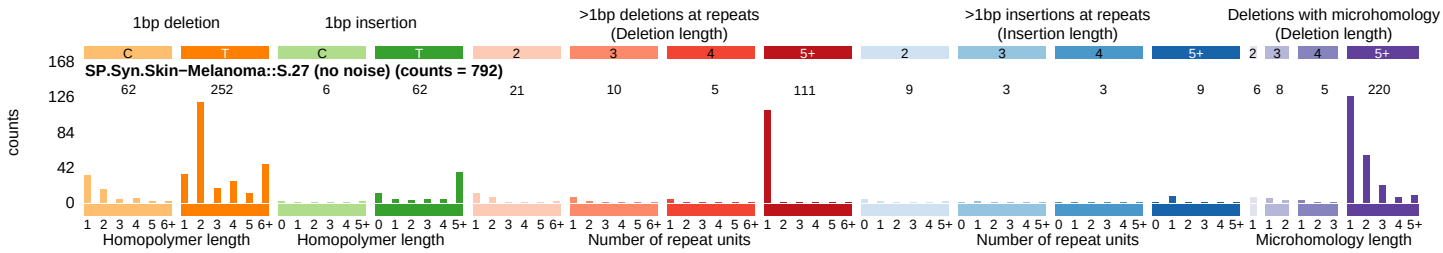
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.26 (no noise) (counts = 871)
counts
Homopolymer length
Number of repeat units
Microhomology length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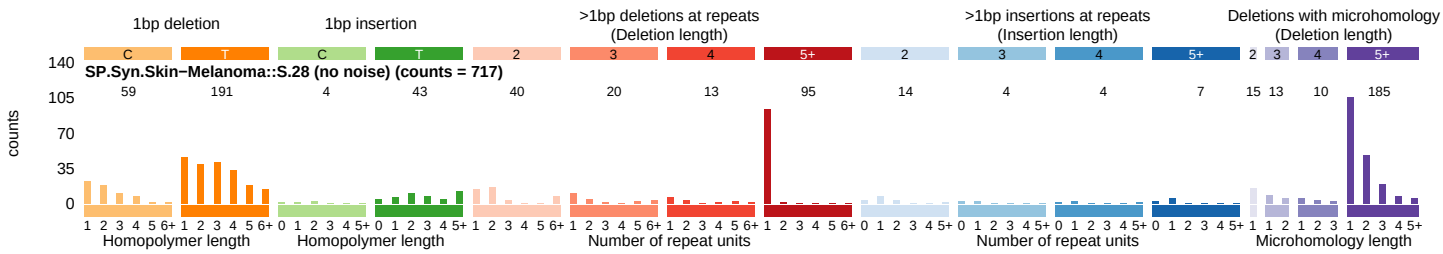
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.27 (no noise) (counts = 792)
counts
Homopolymer length
Number of repeat units
Microhomology length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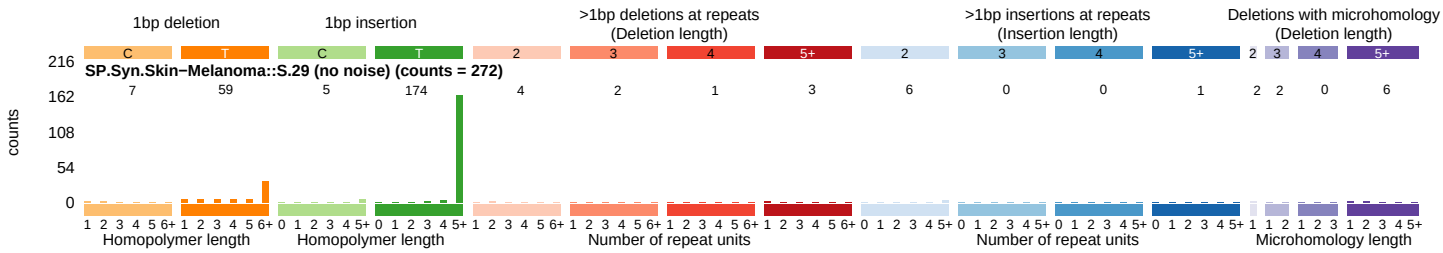
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.28 (no noise) (counts = 717)
counts
Homopolymer length
Number of repeat units
Microhomology length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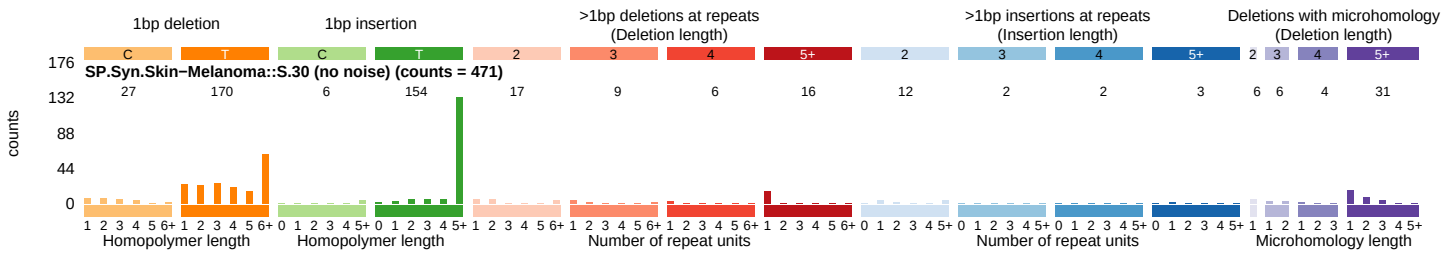
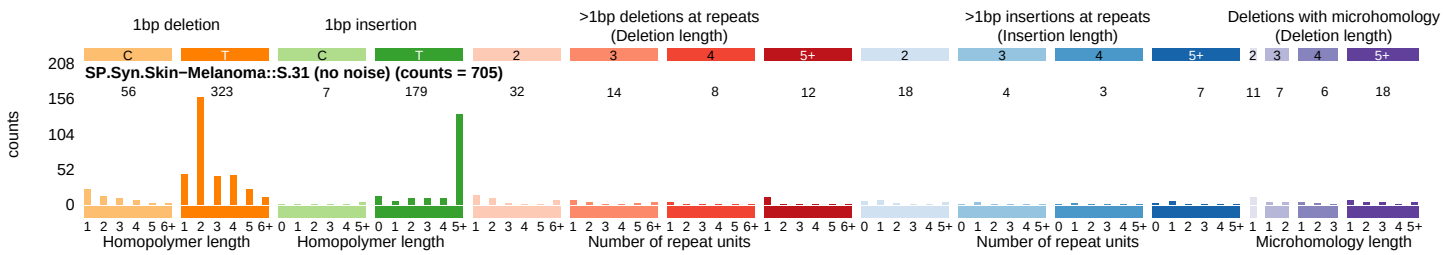
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.29 (no noise) (counts = 272)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.30 (no noise) (counts = 471)
counts
Homopolymer length
Number of repeat units
Microhomology length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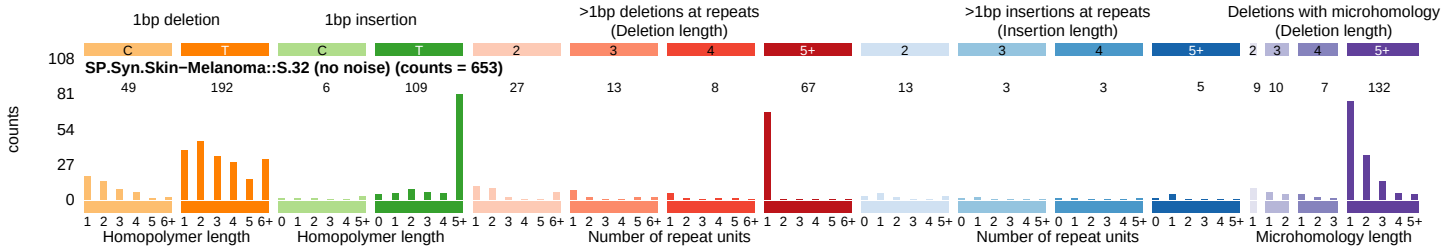
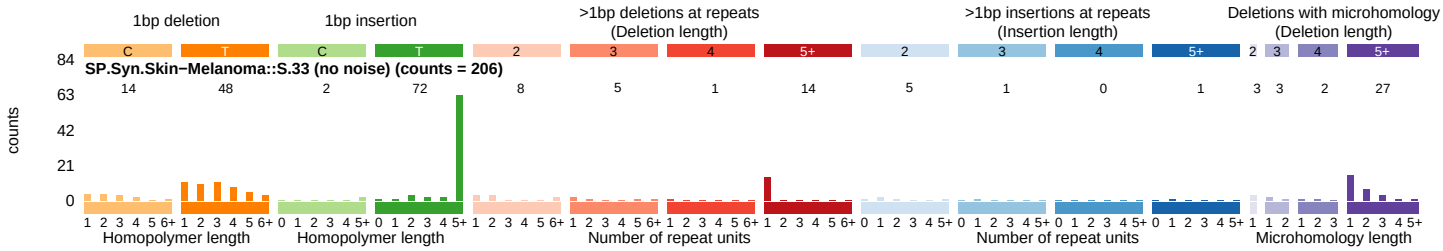
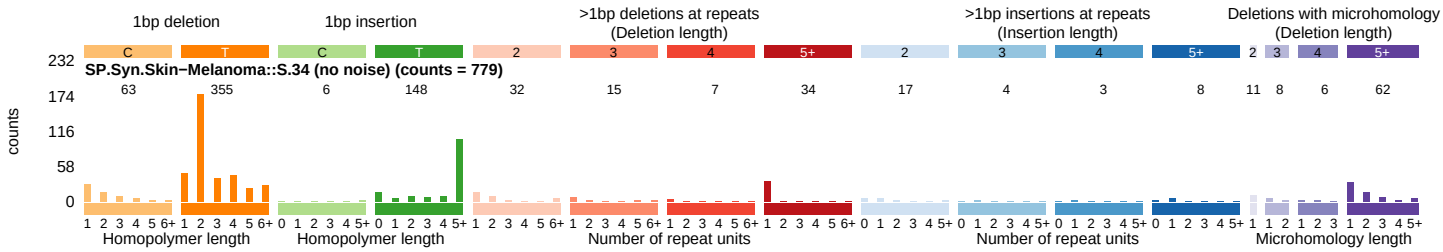
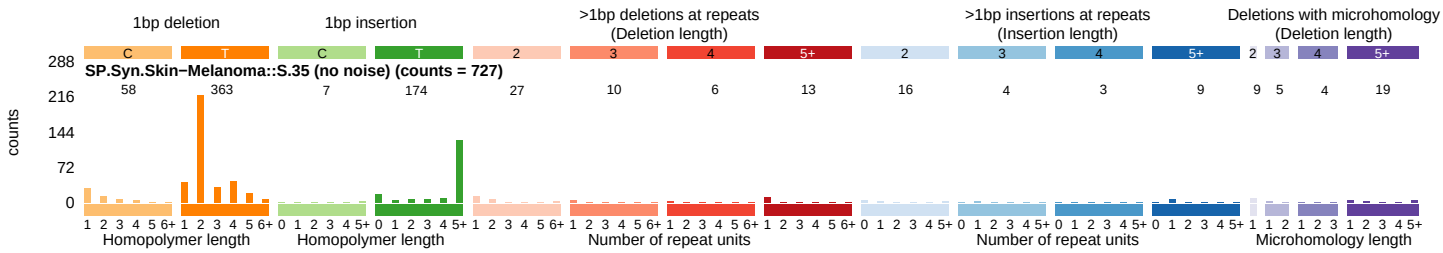
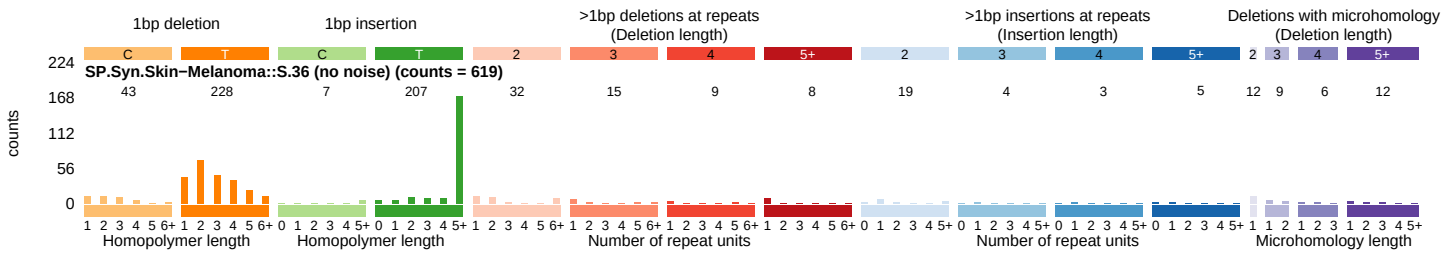
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.31 (no noise) (counts = 705)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.32 (no noise) (counts = 653)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.33 (no noise) (counts = 206)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.34 (no noise) (counts = 779)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.35 (no noise) (counts = 727)
counts
Homopolymer length
Number of repeat units
Microhomology length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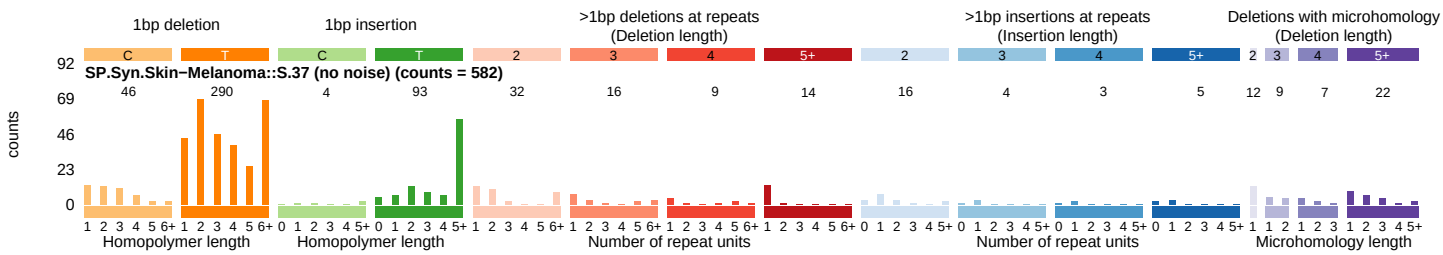
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.36 (no noise) (counts = 619)
counts
Homopolymer length
Number of repeat units
Microhomology length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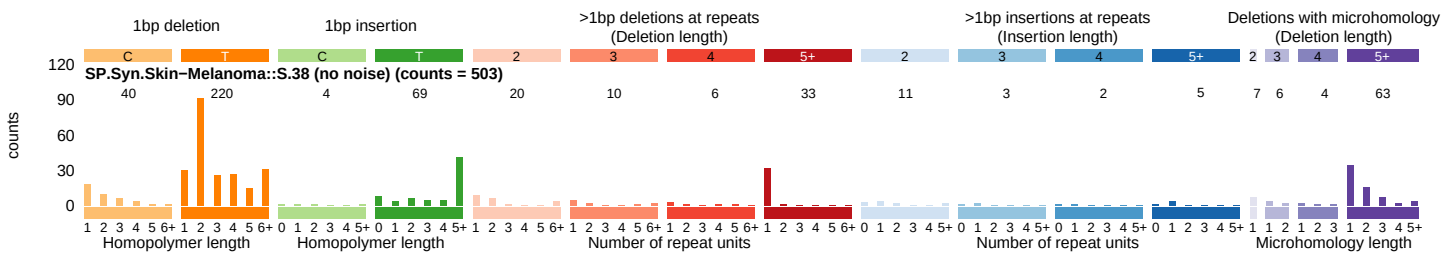
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.37 (no noise) (counts = 582)
counts
Homopolymer length
Number of repeat units
Microhomology length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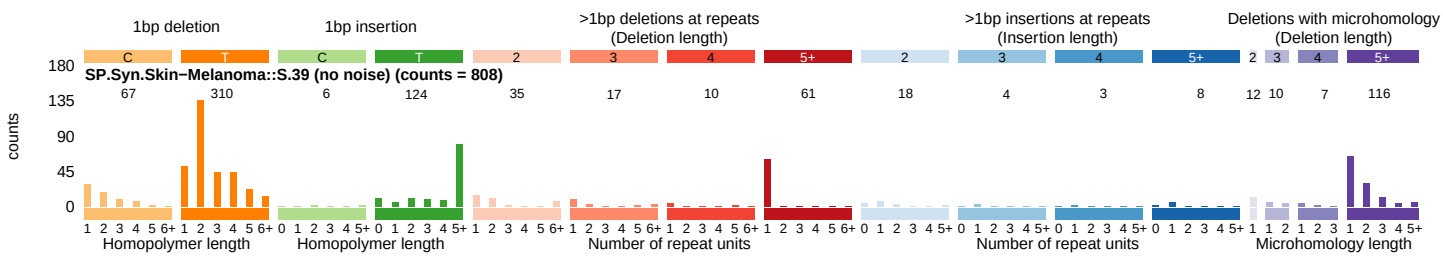
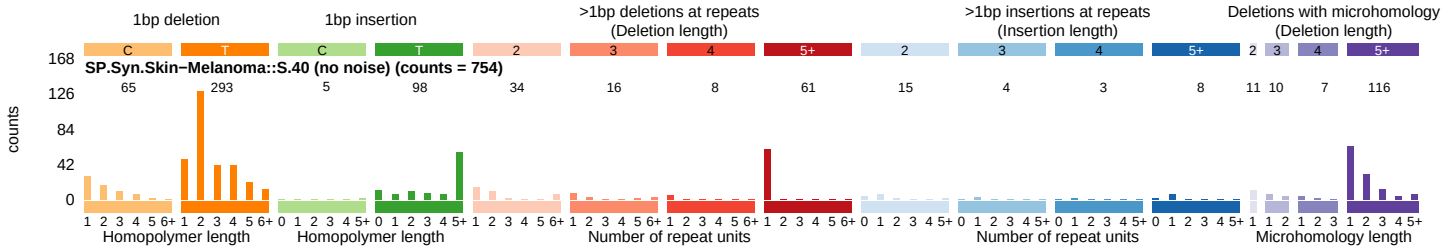
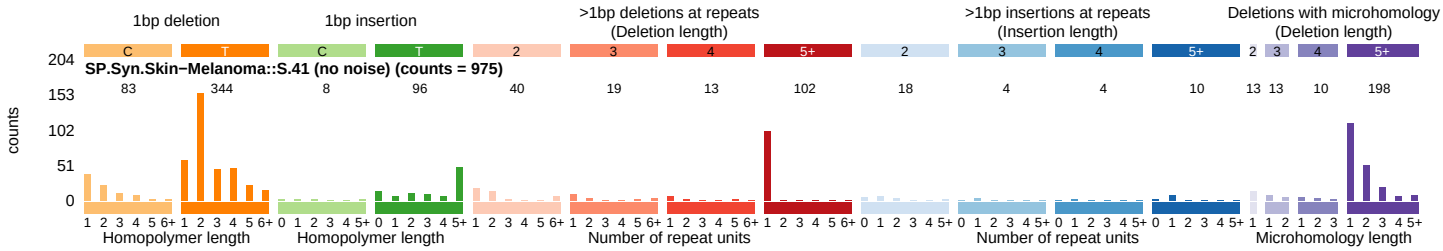
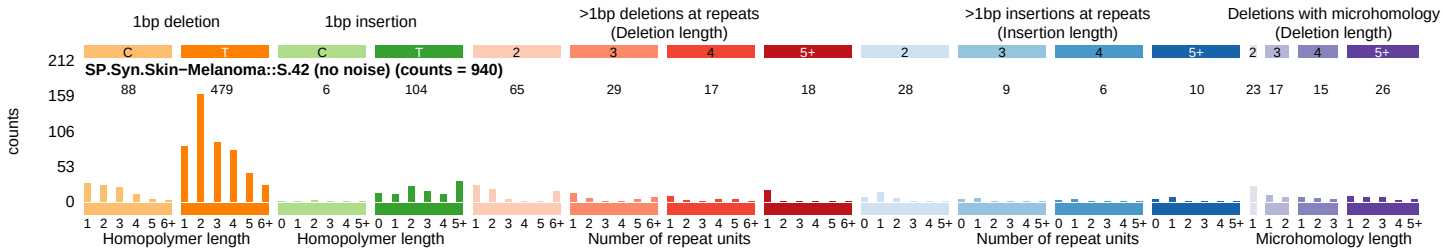
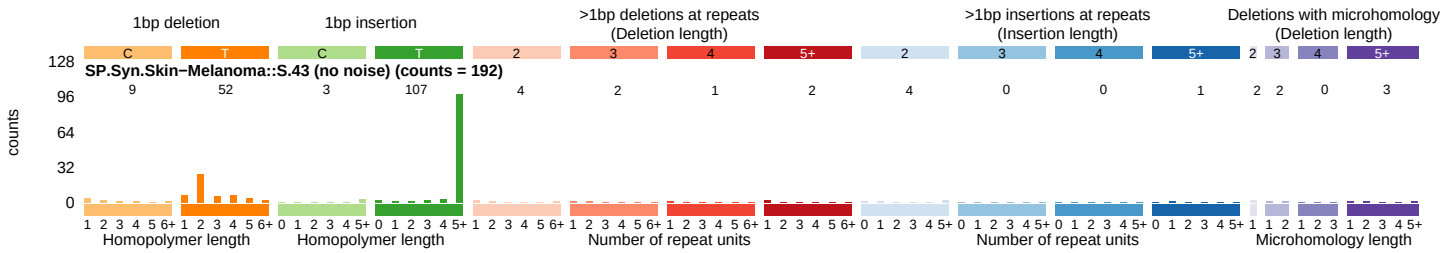
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.38 (no noise) (counts = 503)
counts
Homopolymer length
Number of repeat units
Microhomology length

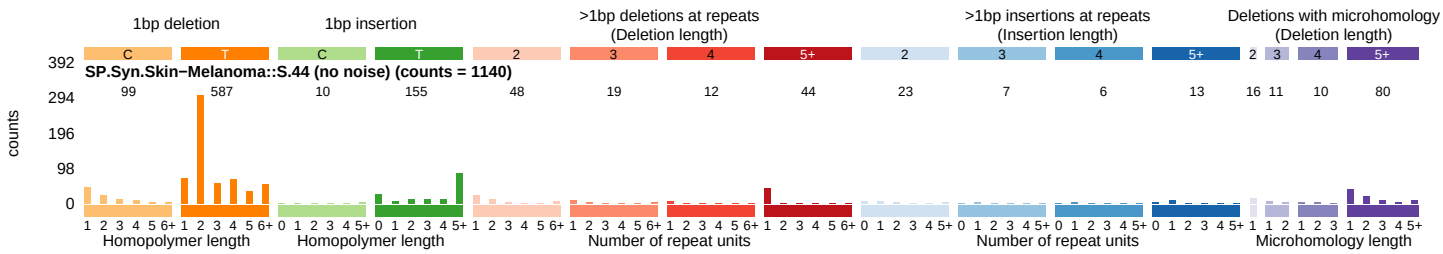

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.39 (no noise) (counts = 808)
counts
Homopolymer length
Number of repeat units
Microhomology length

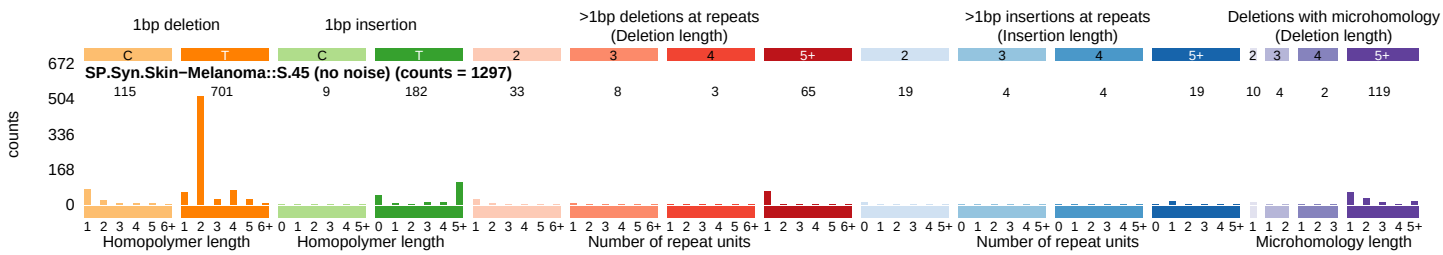

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.40 (no noise) (counts = 754)
65 293 5 98 34 16 8 61 15 4 3 8 11 10 7 116
counts
168 126 84 42 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

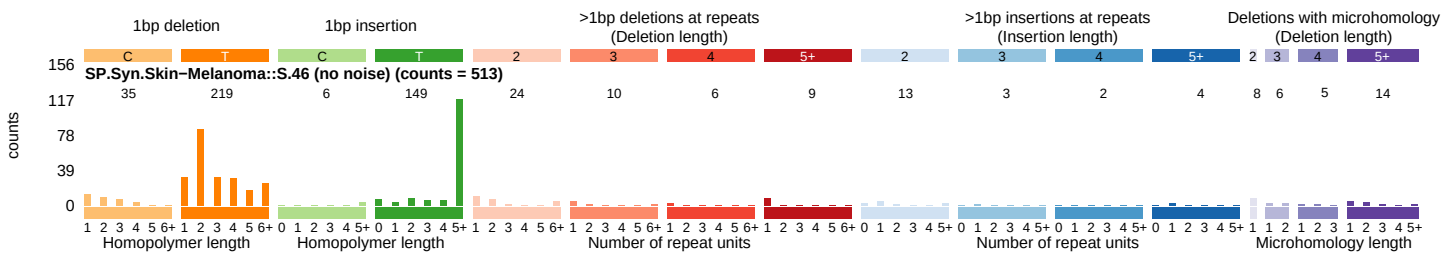

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.41 (no noise) (counts = 975)
83 344 8 96 40 19 13 102 18 4 4 10 13 13 10 198
counts
204 153 102 51 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

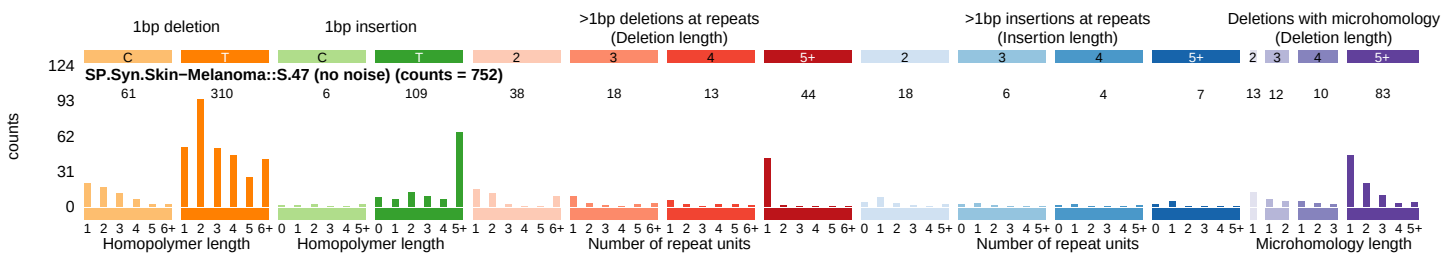

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.42 (no noise) (counts = 940)
88 479 6 104 65 29 17 18 28 9 6 10 23 17 15 26
counts
212 159 106 53 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

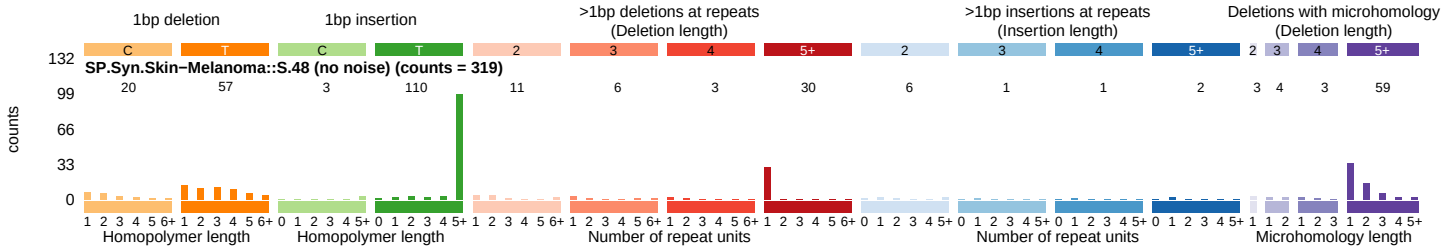

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.43 (no noise) (counts = 192)
9 52 3 107 4 2 1 2 4 0 0 1 2 2 0 3
counts
128 96 64 32 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

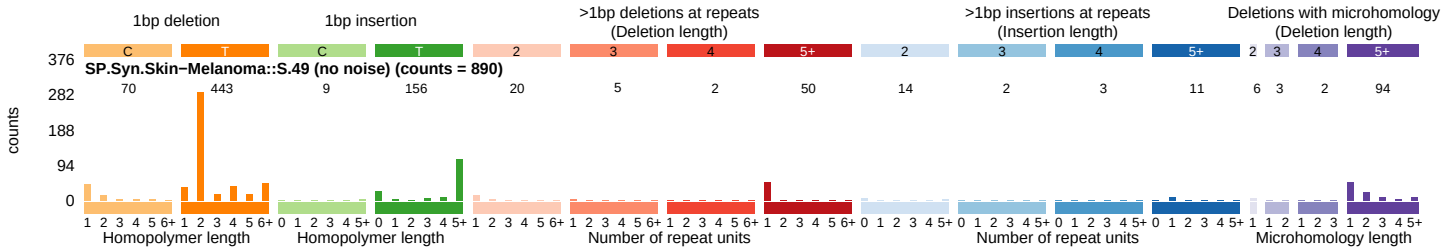

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.44 (no noise) (counts = 1140)
99 587 10 155 48 19 12 44 23 7 6 13 16 11 10 80
counts
392 294 196 98 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

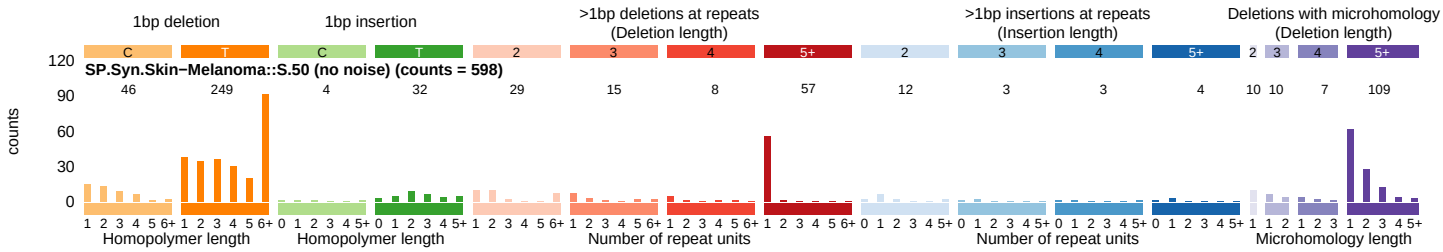

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.45 (no noise) (counts = 1297)
115 701 9 182 33 8 3 65 19 4 4 19 10 4 2 119
counts
672 504 336 168 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

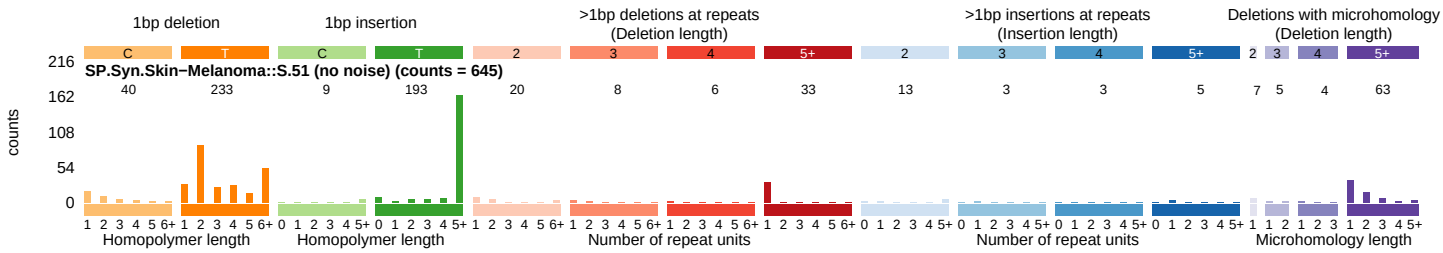

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.46 (no noise) (counts = 513)
35 219 6 149 24 10 6 9 13 3 2 4 8 6 5 14
counts
156 117 78 39 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

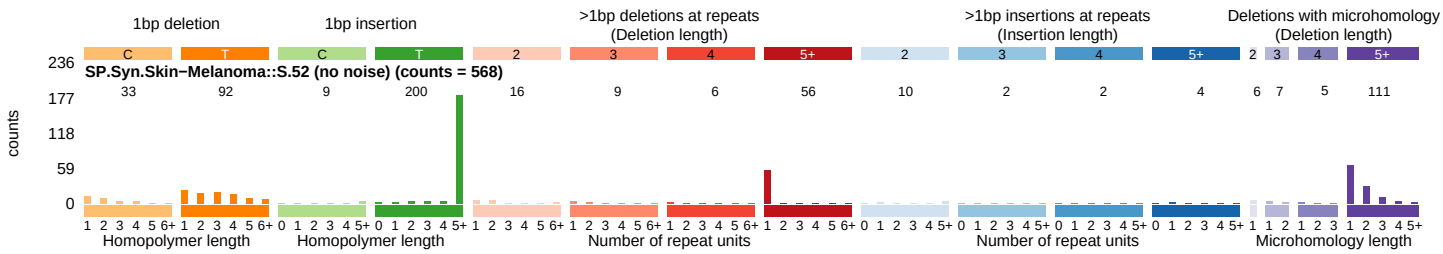

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.47 (no noise) (counts = 752)
61 310 6 109 38 18 13 44 18 6 4 7 13 12 10 83
counts
124 93 62 31 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

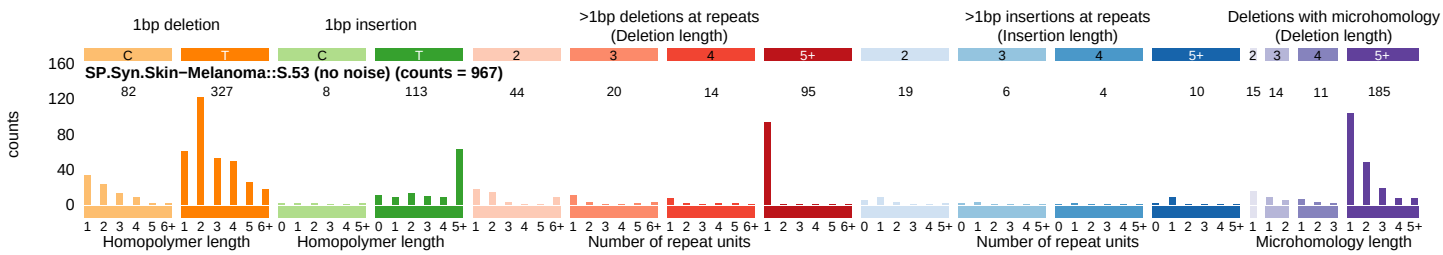

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.48 (no noise) (counts = 319)
counts
Homopolymer length
Number of repeat units
Microhomology length

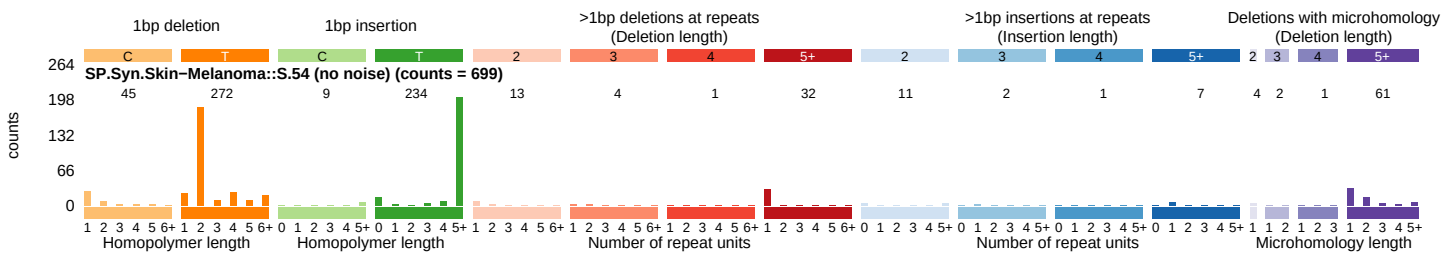

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.49 (no noise) (counts = 890)
counts
Homopolymer length
Number of repeat units
Microhomology length

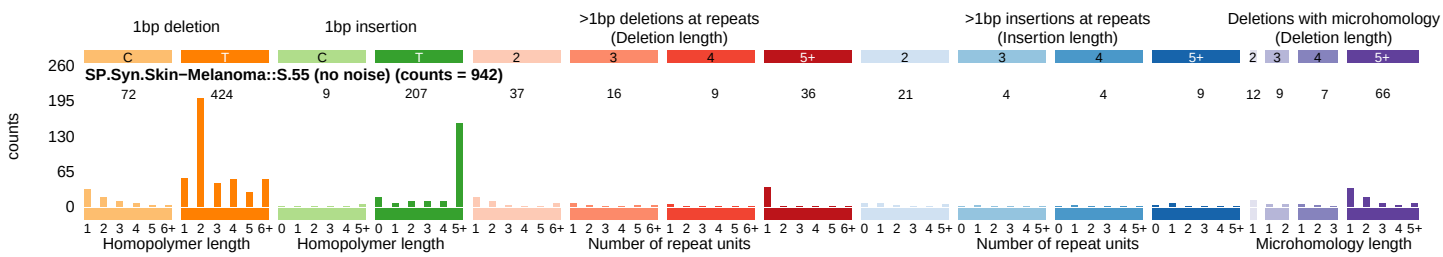

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.50 (no noise) (counts = 598)
counts
Homopolymer length
Number of repeat units
Microhomology length

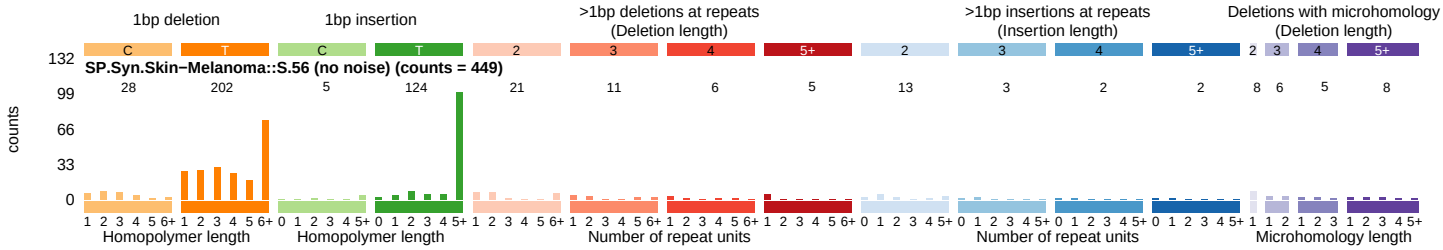

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.51 (no noise) (counts = 645)
counts
Homopolymer length
Number of repeat units
Microhomology length

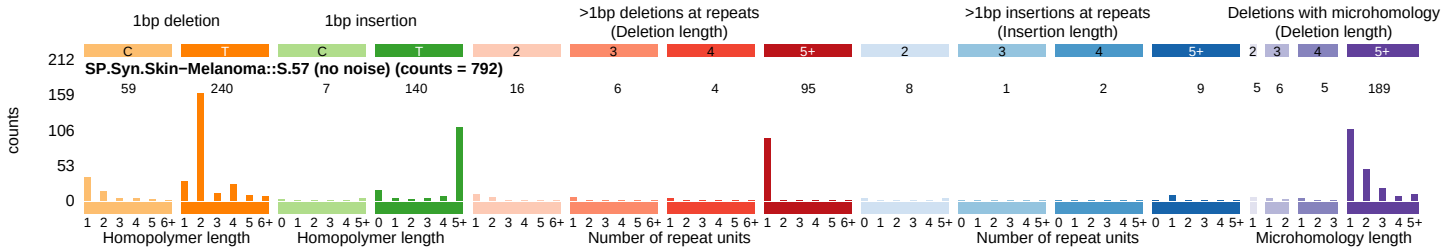

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.52 (no noise) (counts = 568)
counts
Homopolymer length
Number of repeat units
Microhomology length

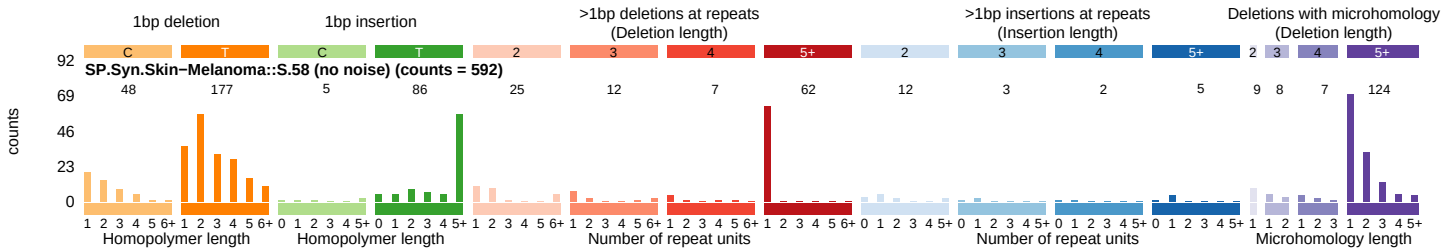

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.53 (no noise) (counts = 967)
counts
Homopolymer length
Number of repeat units
Microhomology length

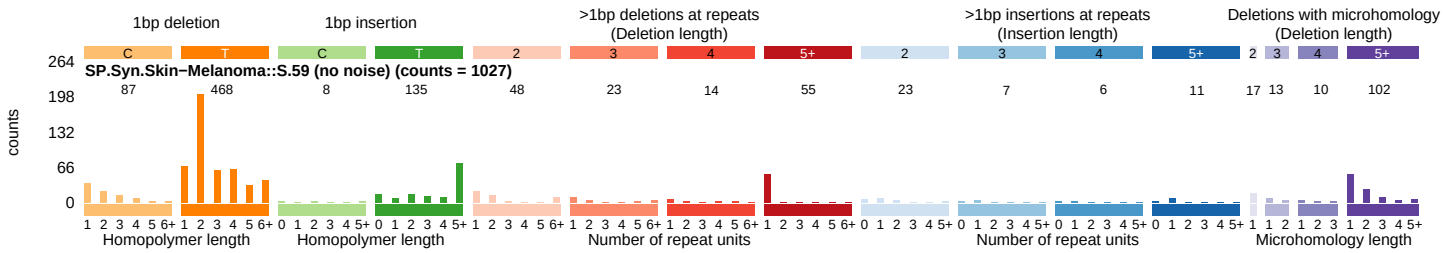

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.54 (no noise) (counts = 699)
counts
Homopolymer length
Number of repeat units
Microhomology length

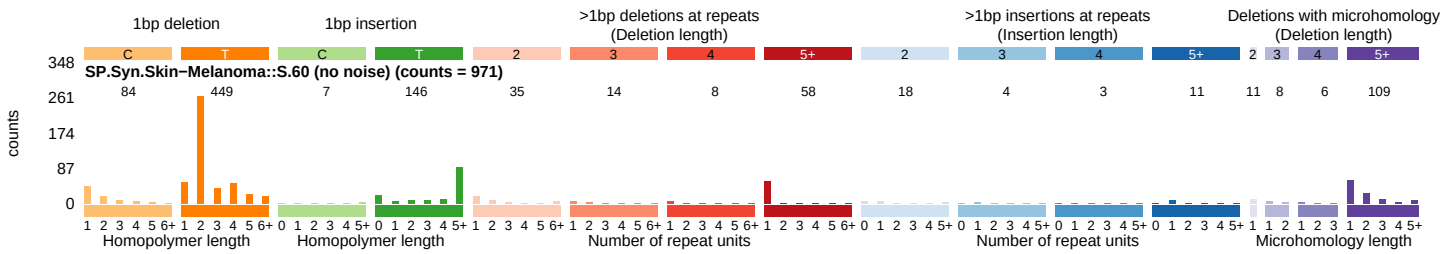

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.55 (no noise) (counts = 942)
counts
Homopolymer length
Number of repeat units
Microhomology length

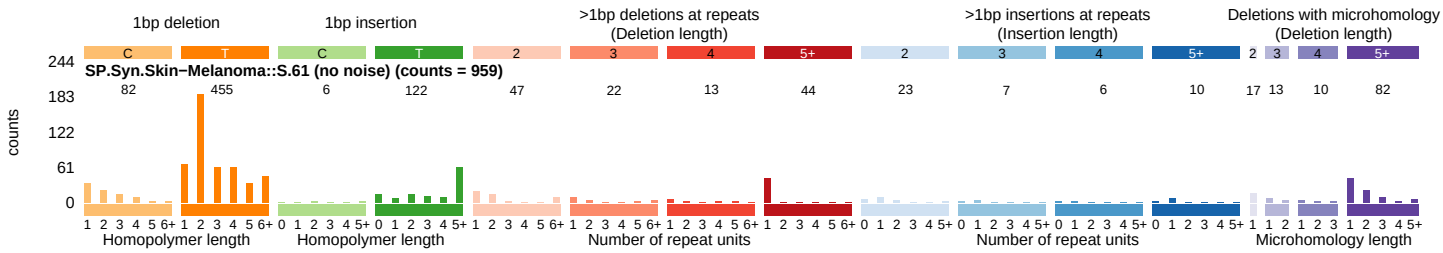

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.56 (no noise) (counts = 449)
counts
Homopolymer length
Number of repeat units
Microhomology length

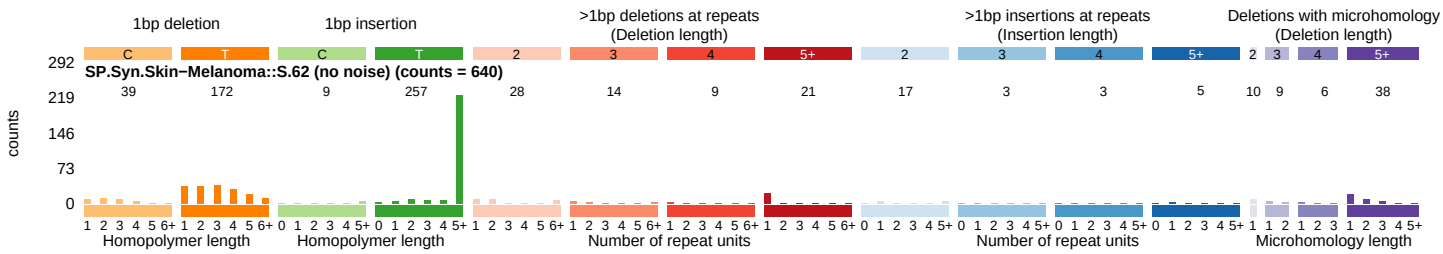

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.57 (no noise) (counts = 792)
counts
Homopolymer length
Number of repeat units
Microhomology length

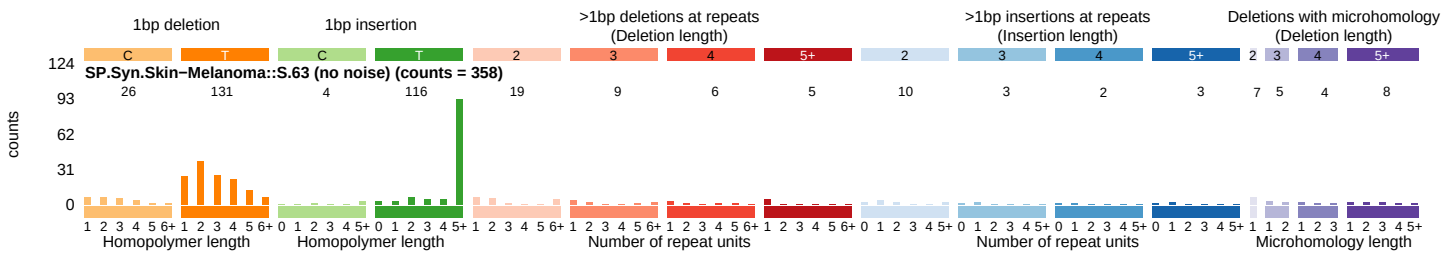

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.58 (no noise) (counts = 592)
counts
Homopolymer length
Number of repeat units
Microhomology length

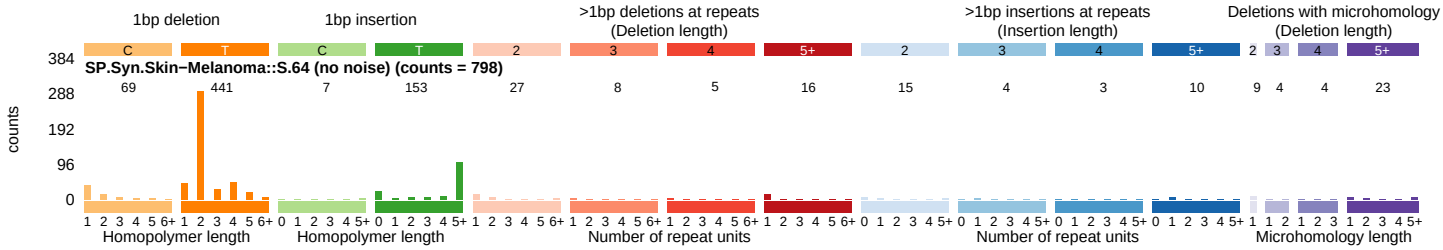

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.59 (no noise) (counts = 1027)
counts
Homopolymer length
Number of repeat units
Microhomology length

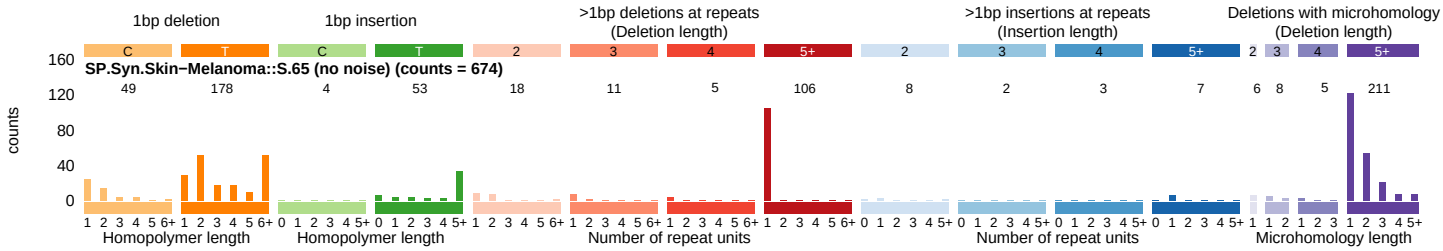

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.60 (no noise) (counts = 971)
counts
Homopolymer length
Number of repeat units
Microhomology length

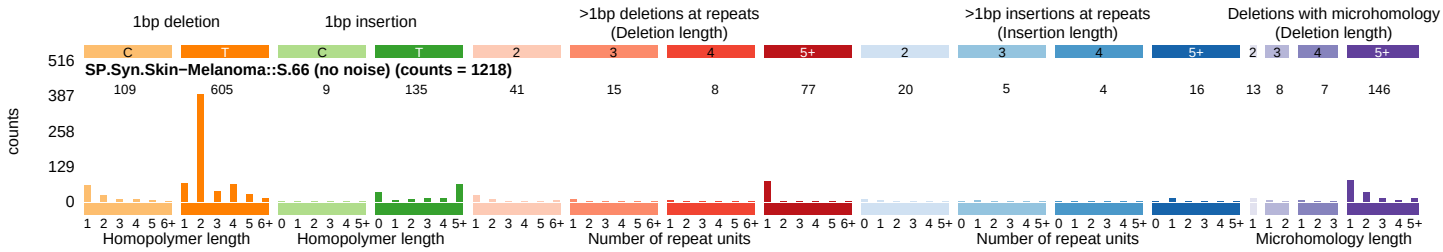

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.61 (no noise) (counts = 959)
counts
Homopolymer length
Number of repeat units
Microhomology length

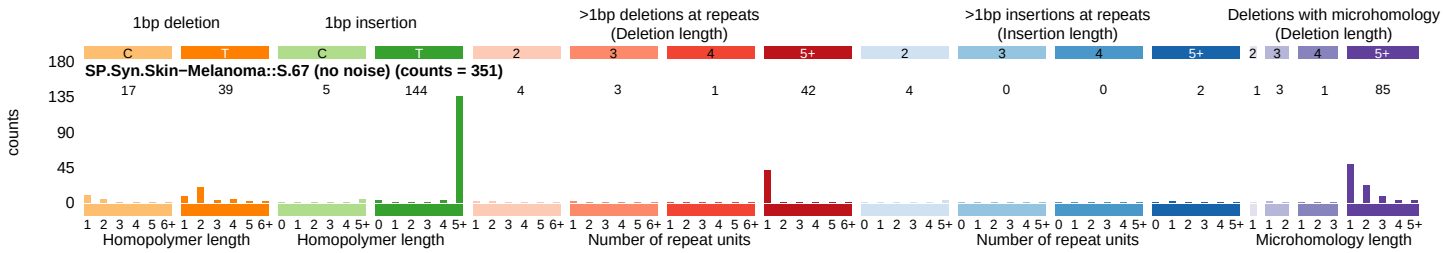

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.62 (no noise) (counts = 640)
counts
Homopolymer length
Number of repeat units
Microhomology length

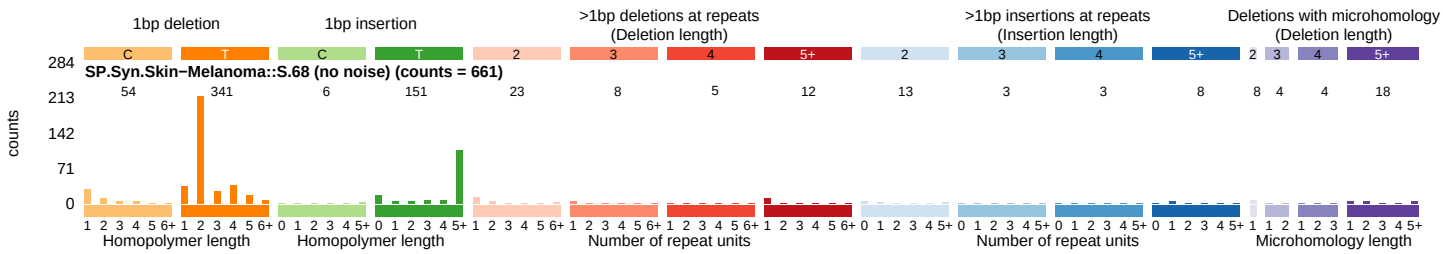

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.63 (no noise) (counts = 358)
counts
Homopolymer length
Number of repeat units
Microhomology length

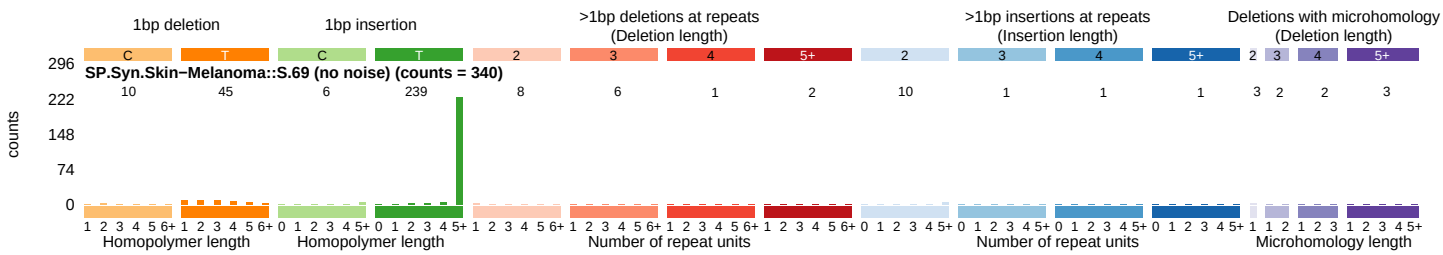

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.64 (no noise) (counts = 798)
counts
Homopolymer length
Number of repeat units
Microhomology length

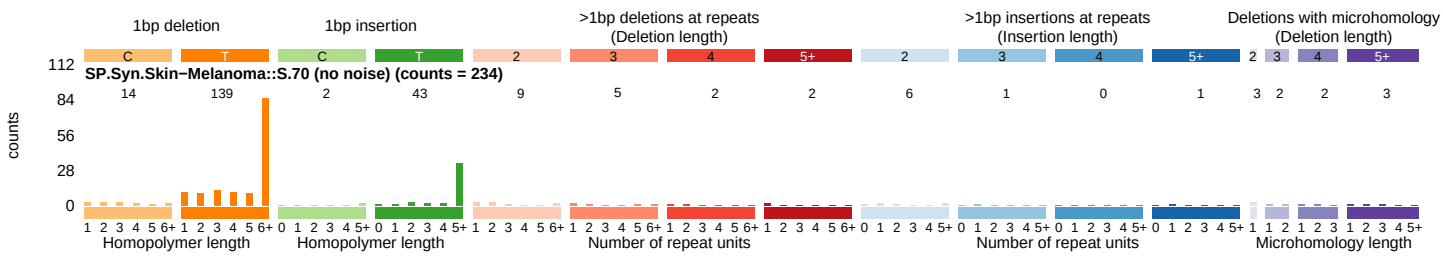

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.65 (no noise) (counts = 674)
counts
Homopolymer length
Number of repeat units
Microhomology length

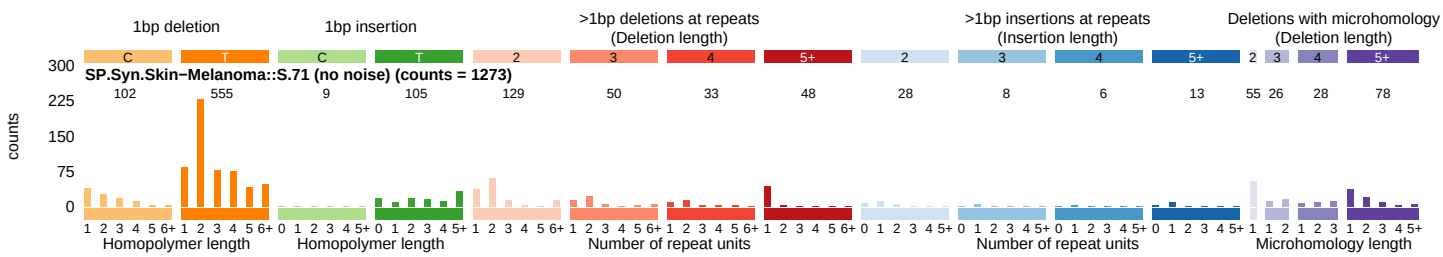

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.66 (no noise) (counts = 1218)
counts
Homopolymer length
Number of repeat units
Microhomology length

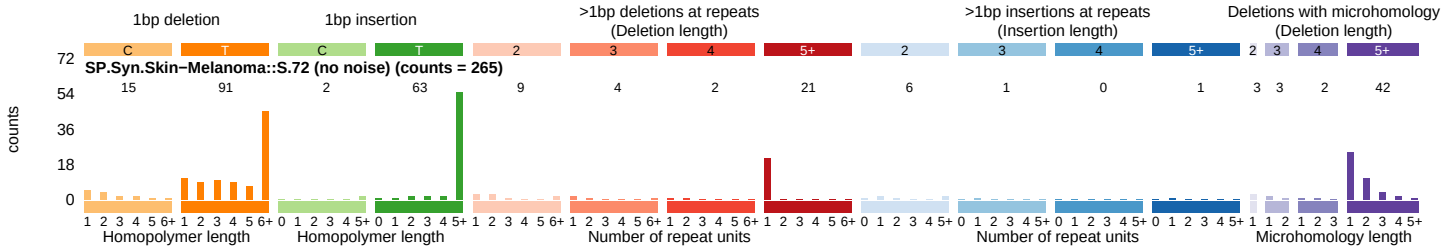

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.67 (no noise) (counts = 351)
counts
Homopolymer length
Number of repeat units
Microhomology length

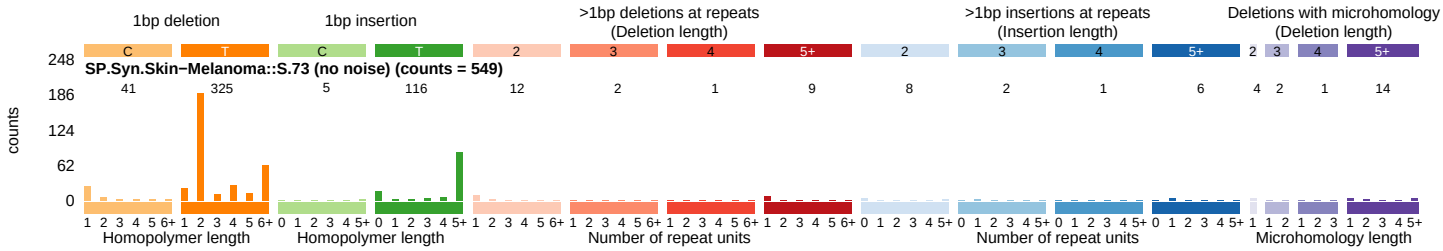

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.68 (no noise) (counts = 661)
counts
Homopolymer length
Number of repeat units
Microhomology length

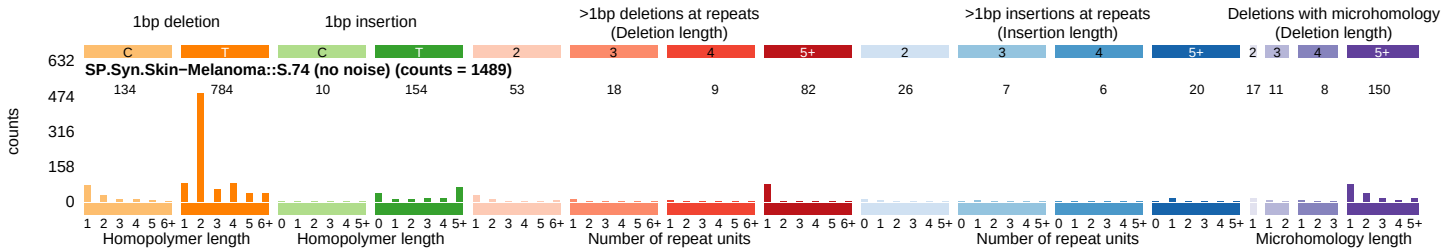

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.69 (no noise) (counts = 340)
counts
Homopolymer length
Number of repeat units
Microhomology length

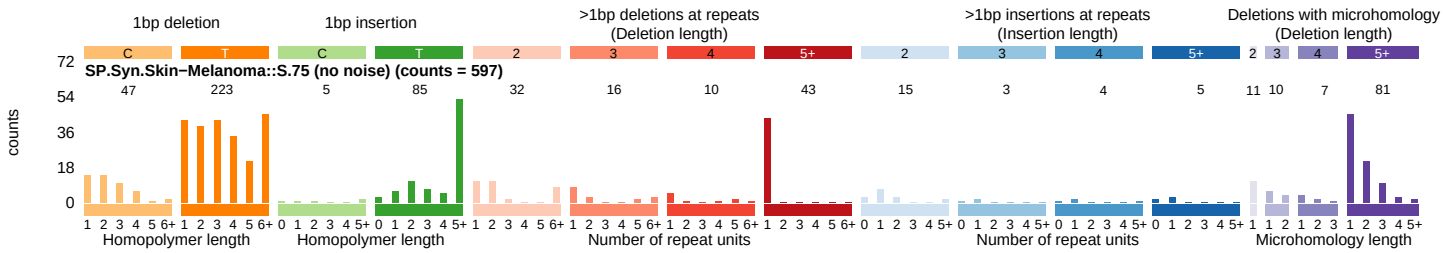

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.70 (no noise) (counts = 234)
counts
Homopolymer length
Number of repeat units
Microhomology length

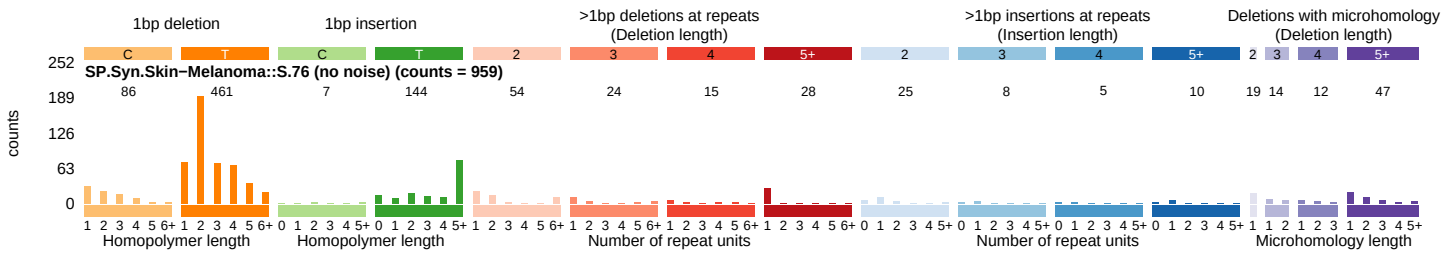

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.71 (no noise) (counts = 1273)
counts
Homopolymer length
Number of repeat units
Microhomology length

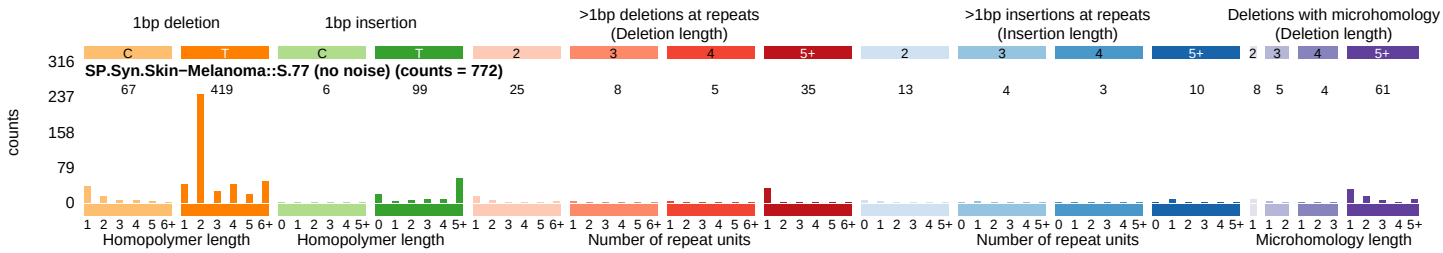

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.72 (no noise) (counts = 265)
counts
Homopolymer length
Number of repeat units
Microhomology length

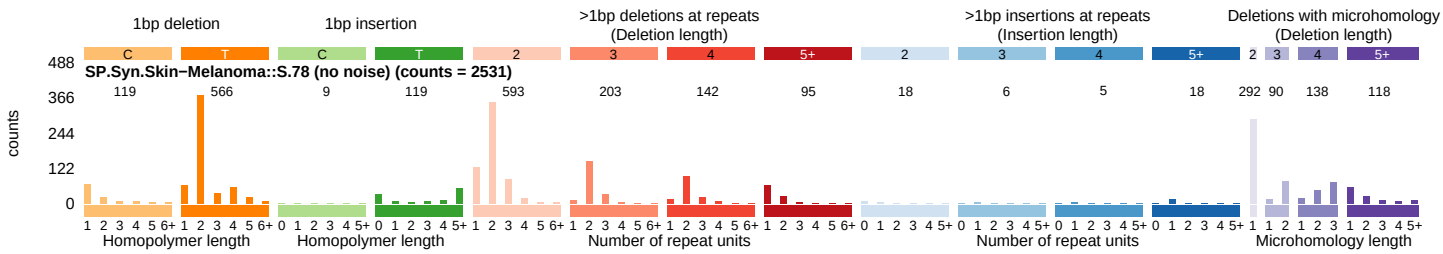

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.73 (no noise) (counts = 549)
counts
Homopolymer length
Number of repeat units
Microhomology length

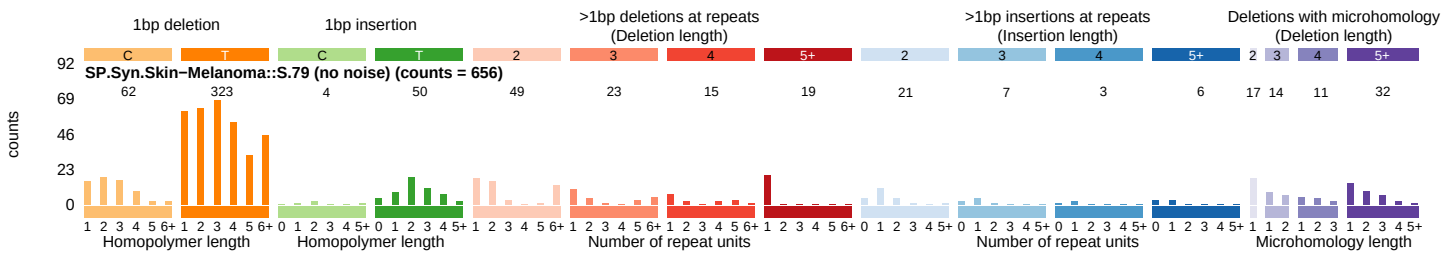

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.74 (no noise) (counts = 1489)
counts
Homopolymer length
Number of repeat units
Microhomology length

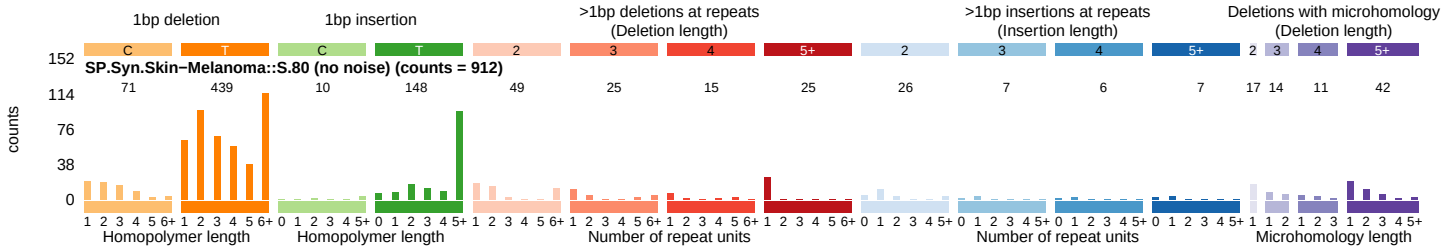

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.75 (no noise) (counts = 597)
counts
Homopolymer length
Number of repeat units
Microhomology length

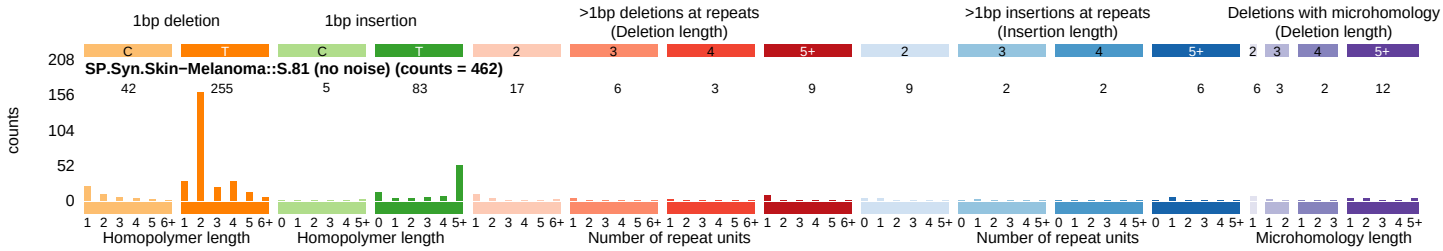

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.76 (no noise) (counts = 959)
counts
Homopolymer length
Number of repeat units
Microhomology length

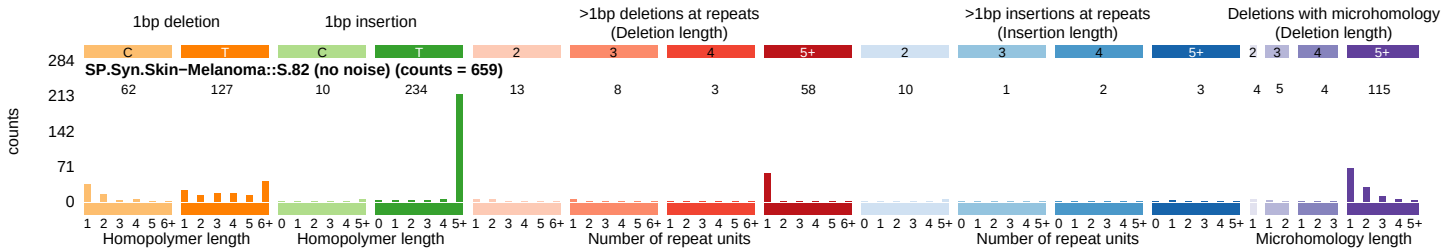

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.77 (no noise) (counts = 772)
counts
Homopolymer length
Number of repeat units
Microhomology length

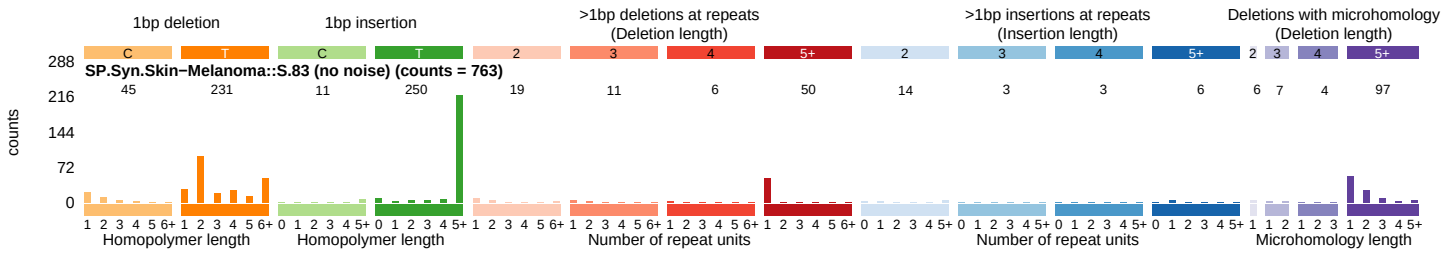

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.78 (no noise) (counts = 2531)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.79 (no noise) (counts = 656)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.80 (no noise) (counts = 912)
71 439 10 148 49 25 15 25 26 7 6 7 17 14 11 42
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.81 (no noise) (counts = 462)
42 255 5 83 17 6 3 9 9 2 2 6 6 3 2 12
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.82 (no noise) (counts = 659)
62 127 10 234 13 8 3 58 10 1 2 3 4 5 4 115
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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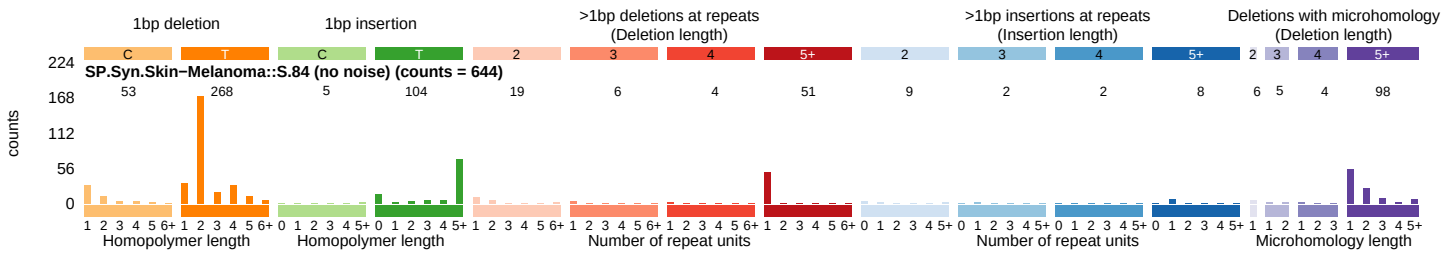
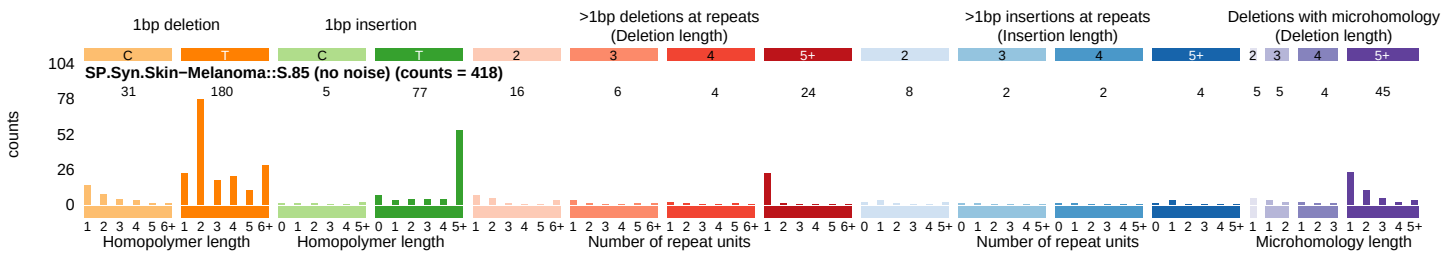
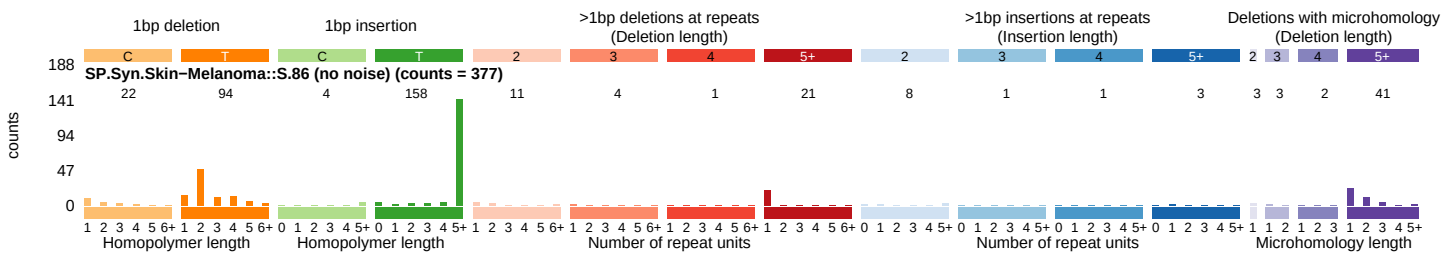
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.83 (no noise) (counts = 763)
45 231 11 250 19 11 6 50 14 3 3 6 6 7 4 97
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.84 (no noise) (counts = 644)
53 268 5 104 19 6 4 51 9 2 2 8 6 5 4 98
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.85 (no noise) (counts = 418)
31 180 5 77 16 6 4 24 8 2 2 4 5 5 4 45
counts
Homopolymer length
Number of repeat units
Microhomology length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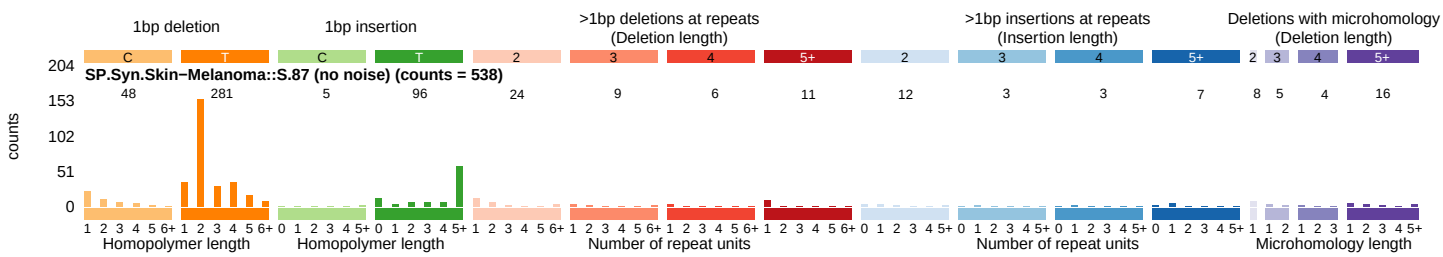
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.86 (no noise) (counts = 377)
22 94 4 158 11 4 1 21 8 1 1 3 3 3 2 41
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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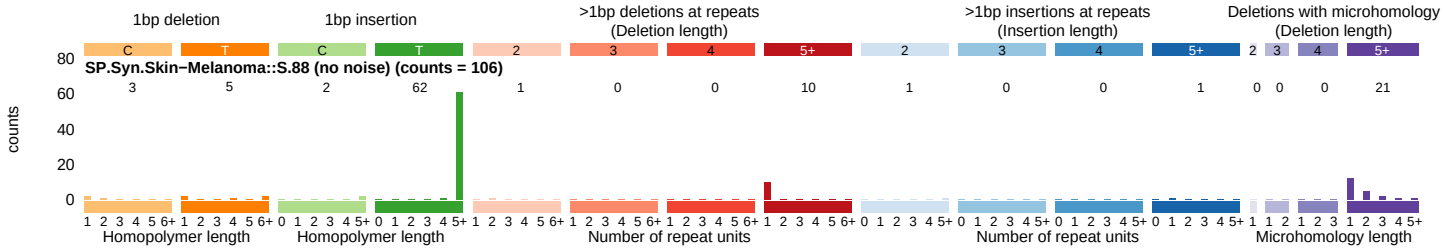
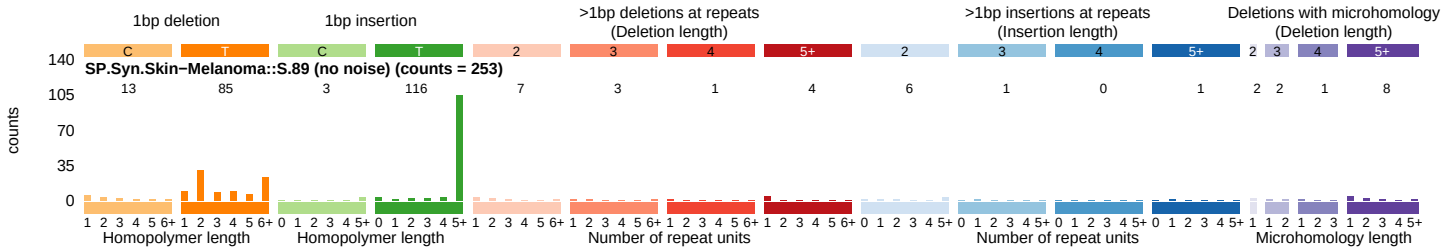
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.87 (no noise) (counts = 538)
48 281 5 96 24 9 6 11 12 3 3 7 8 5 4 16
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.88 (no noise) (counts = 106)
3 5 2 62 1 0 0 10 1 0 0 1 0 0 0 21
counts
Homopolymer length
Number of repeat units
Microhomology length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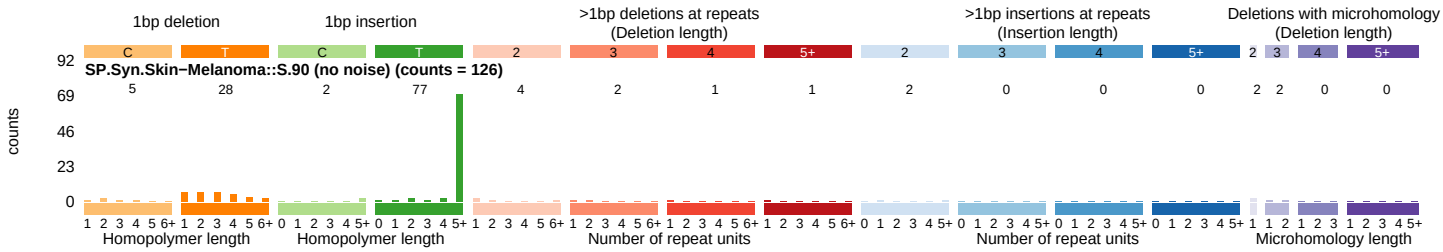
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.89 (no noise) (counts = 253)
13 85 3 116 7 3 1 4 6 1 0 1 2 2 1 8
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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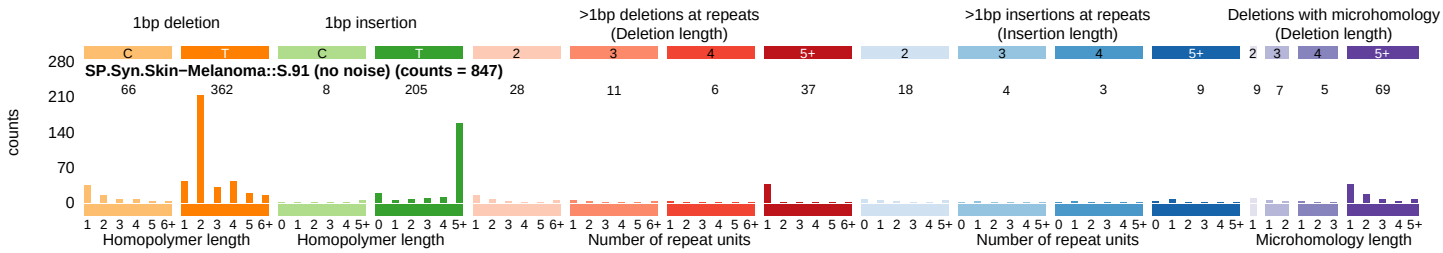
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.90 (no noise) (counts = 126)
5 28 2 77 4 2 1 1 2 0 0 0 2 2 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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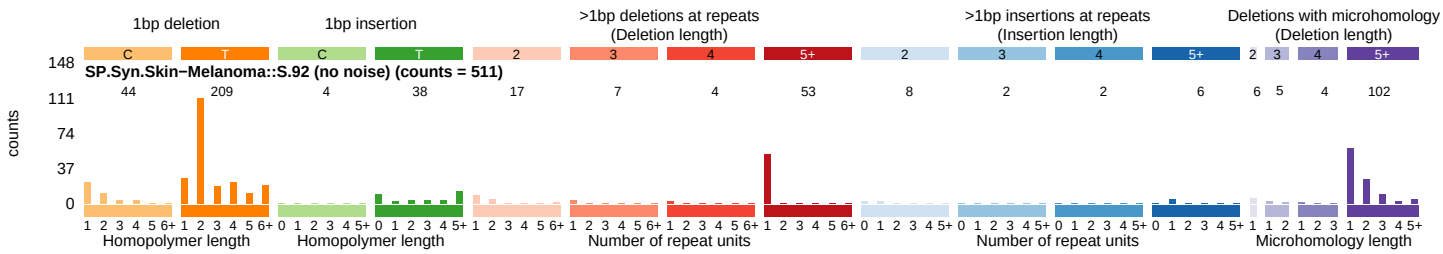
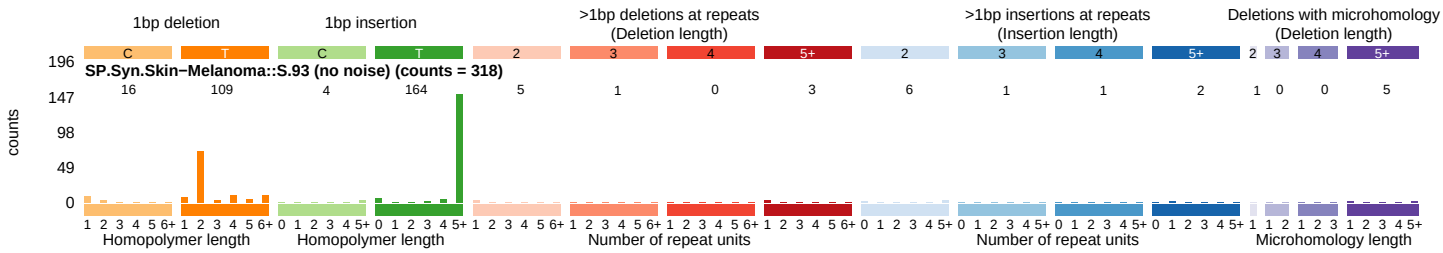
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.91 (no noise) (counts = 847)
66 362 8 205 28 11 6 37 18 4 3 9 9 7 5 69
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.92 (no noise) (counts = 511)
44 209 4 38 17 7 4 53 8 2 2 6 6 5 4 102
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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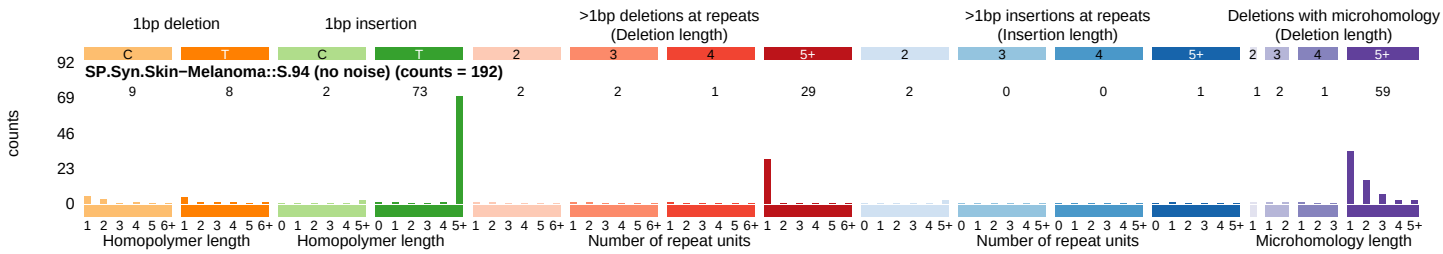
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.93 (no noise) (counts = 318)
16 109 4 164 5 1 0 3 6 1 1 2 1 0 0 5
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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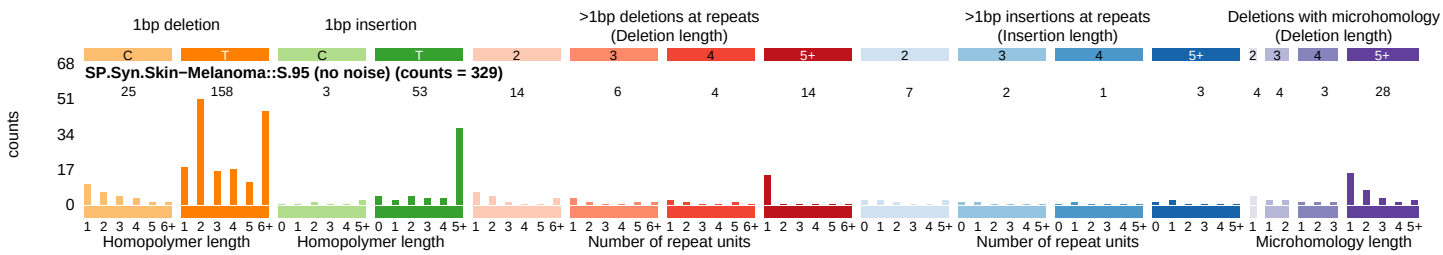
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.94 (no noise) (counts = 192)
9 8 2 73 2 2 1 29 2 0 0 1 1 2 1 59
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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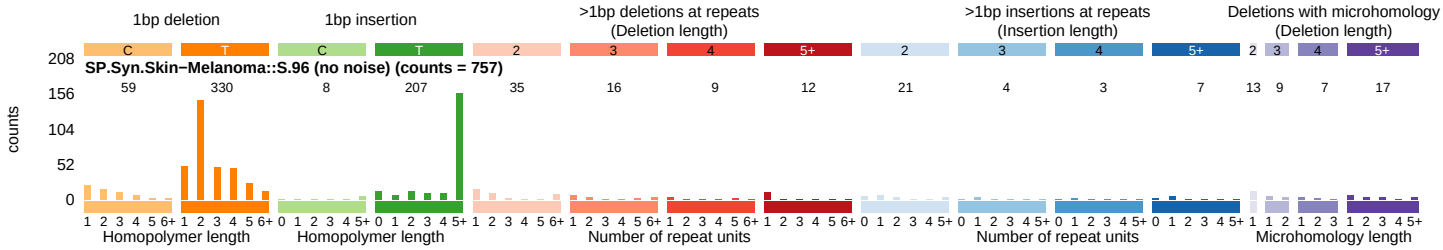
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.95 (no noise) (counts = 329)
25 158 3 53 14 6 4 14 7 2 1 3 4 4 3 28
counts
Homopolymer length
Number of repeat units
Microhomology length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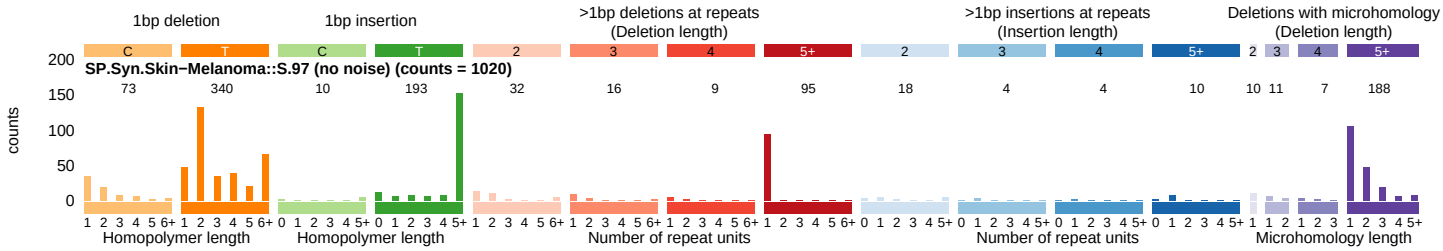
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.96 (no noise) (counts = 757)
59 330 8 207 35 16 9 12 21 4 3 7 13 9 7 17
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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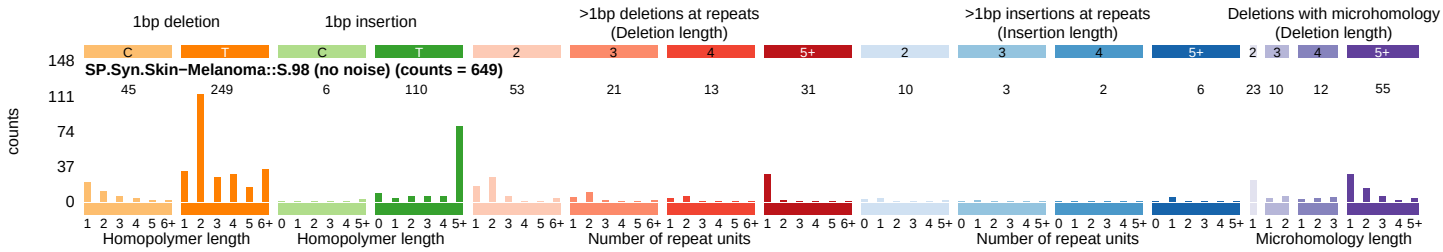
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.97 (no noise) (counts = 1020)
73 340 10 193 32 16 9 95 18 4 4 10 10 11 7 188
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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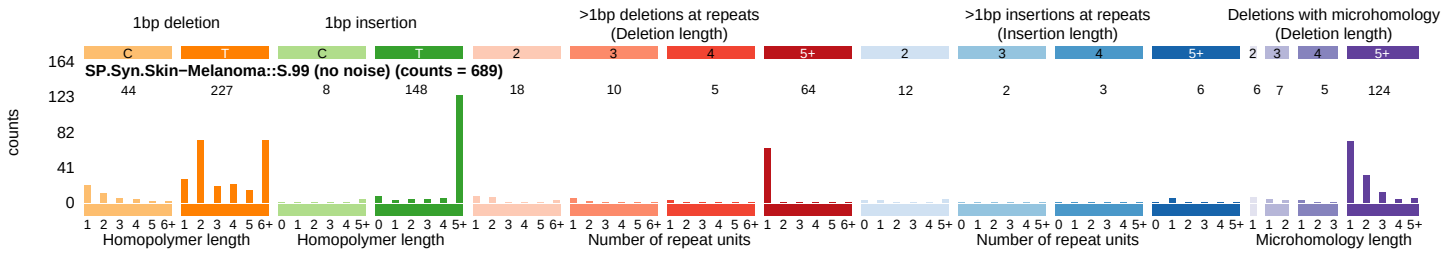
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.98 (no noise) (counts = 649)
45 249 6 110 53 21 13 31 10 3 2 6 23 10 12 55
counts
Homopolymer length
Number of repeat units
Microhomology length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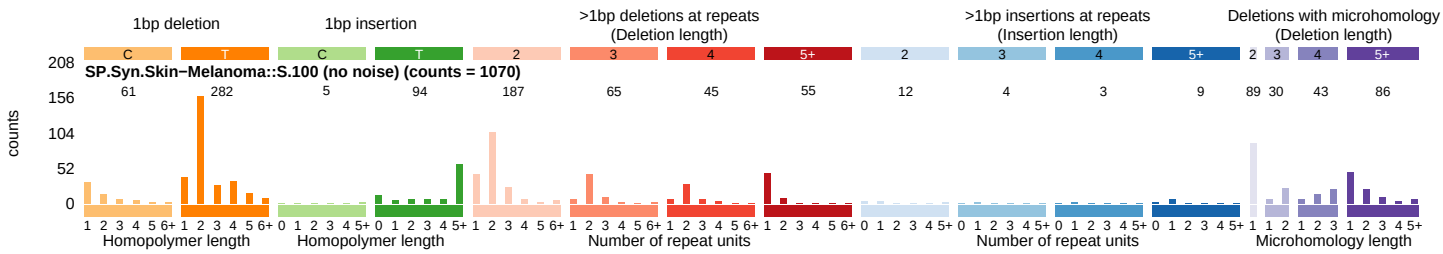
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.99 (no noise) (counts = 689)
44 227 8 148 18 10 5 64 12 2 3 6 6 7 5 124
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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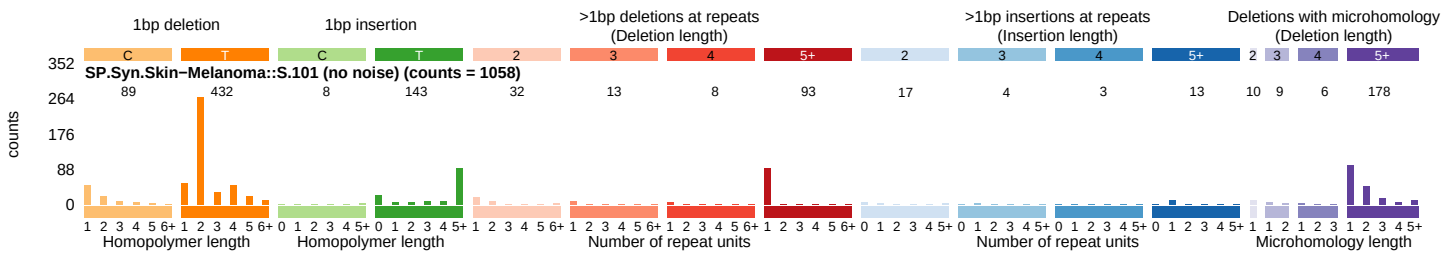
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.100 (no noise) (counts = 1070)
61 282 5 94 187 65 45 55 12 4 3 9 89 30 43 86
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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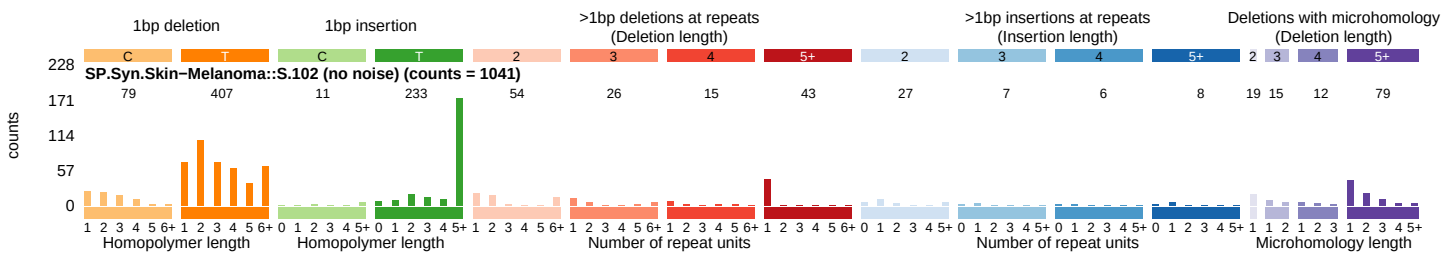
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.101 (no noise) (counts = 1058)
89 432 8 143 32 13 8 93 17 4 3 13 10 9 6 178
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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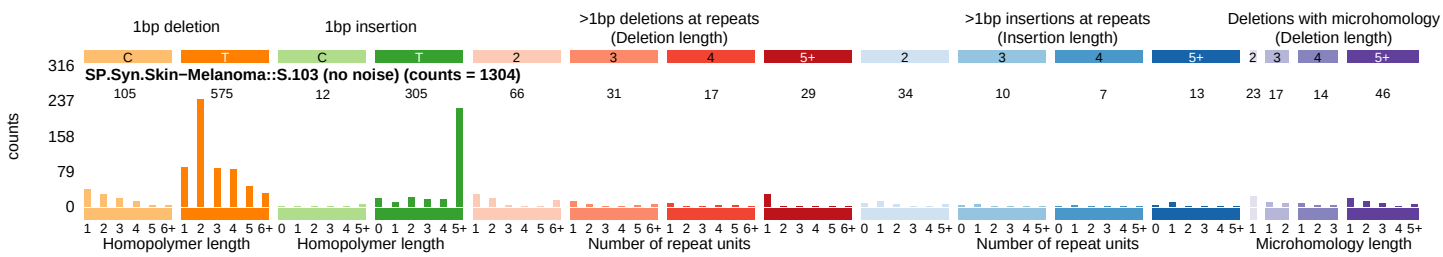
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.102 (no noise) (counts = 1041)
79 407 11 233 54 26 15 43 27 7 6 8 19 15 12 79
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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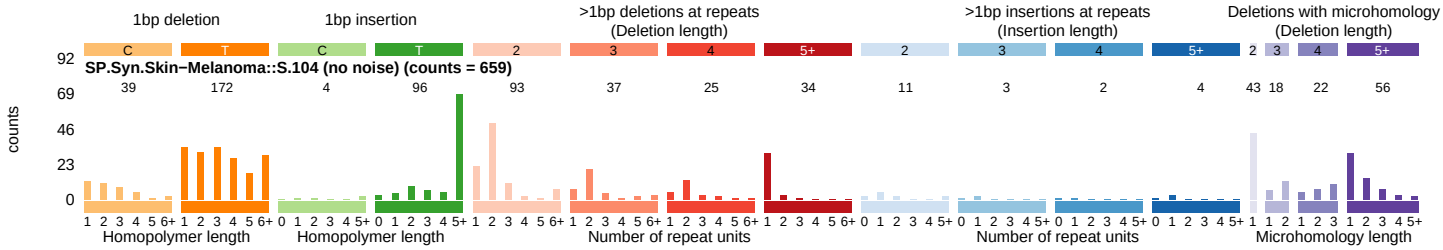
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.103 (no noise) (counts = 1304)
105 575 12 305 66 31 17 29 34 10 7 13 23 17 14 46
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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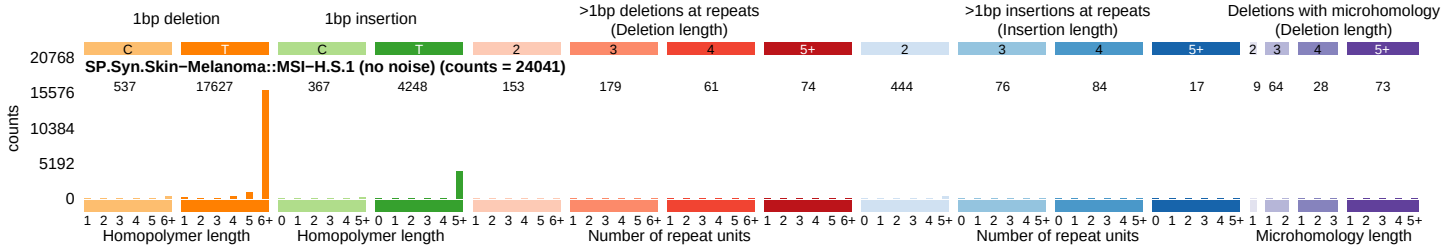
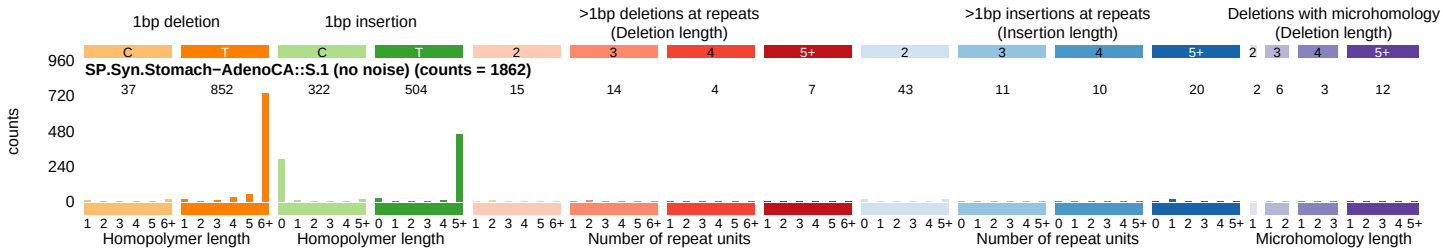
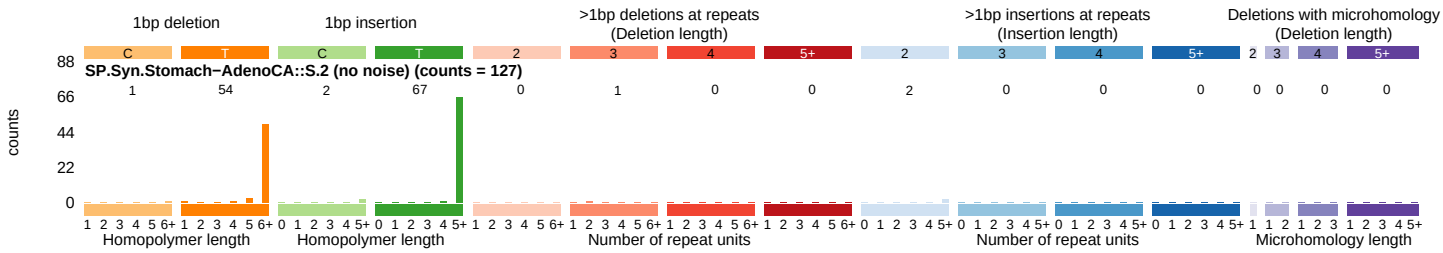
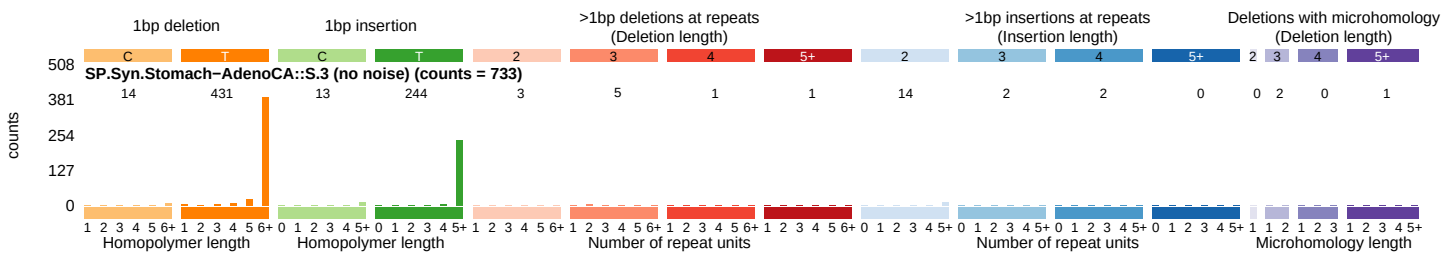
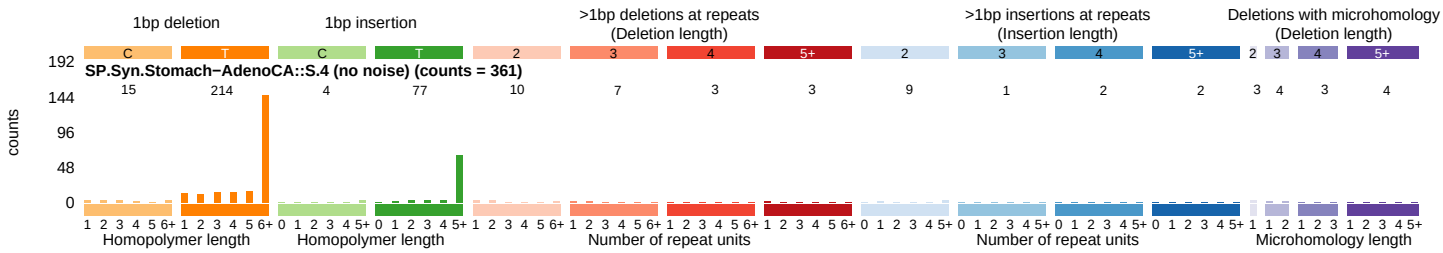
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.104 (no noise) (counts = 659)
39 172 4 96 93 37 25 34 11 3 2 4 43 18 22 56
counts
92 69 46 23 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

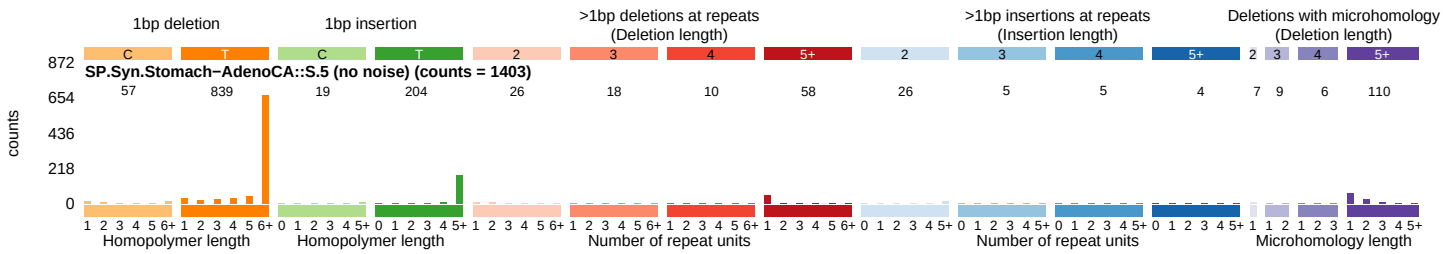

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::MSI−H.S.1 (no noise) (counts = 24041)
537 17627 367 4248 153 179 61 74 444 76 84 17 9 64 28 73
counts
20768 15576 10384 5192 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

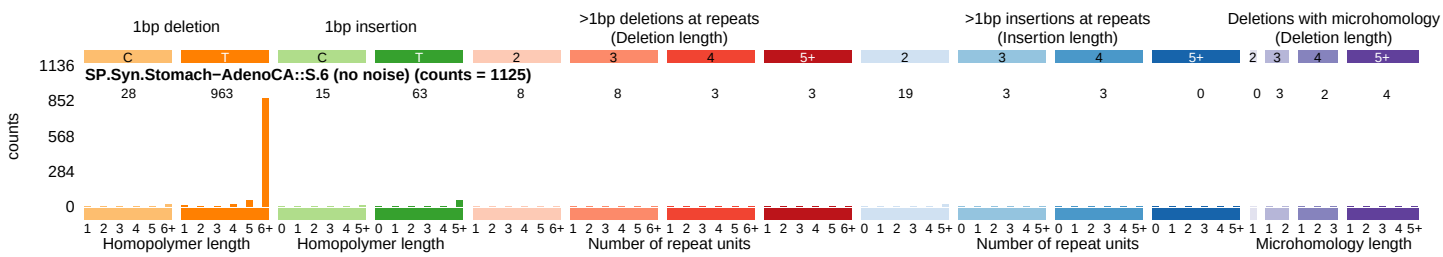

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.1 (no noise) (counts = 1862)
37 852 322 504 15 14 4 7 43 11 10 20 2 6 3 12
counts
960 720 480 240 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.2 (no noise) (counts = 127)
1 54 2 67 0 1 0 0 2 0 0 0 0 0 0 0
counts
88 66 44 22 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.3 (no noise) (counts = 733)
14 431 13 244 3 5 1 1 14 2 2 0 0 2 0 1
counts
508 381 254 127 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.4 (no noise) (counts = 361)
15 214 4 77 10 7 3 3 9 1 2 2 3 4 3 4
counts
192 144 96 48 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.5 (no noise) (counts = 1403)
57 839 19 204 26 18 10 58 26 5 5 4 7 9 6 110
counts
872 654 436 218 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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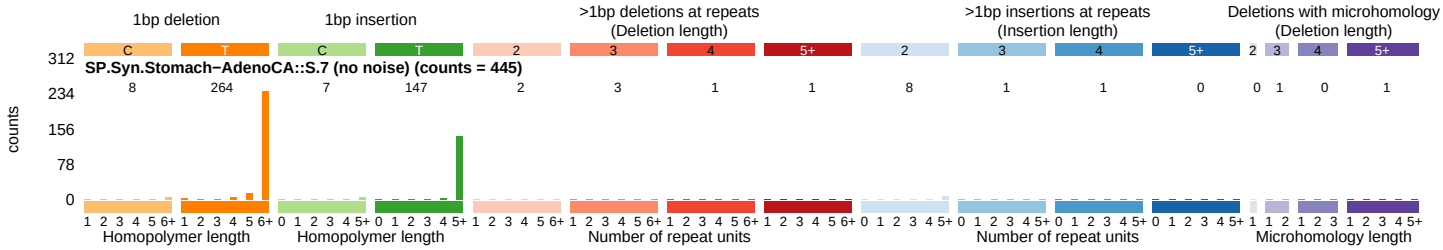
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.6 (no noise) (counts = 1125)
28 963 15 63 8 8 3 3 19 3 3 0 0 3 2 4
counts
1136 852 568 284 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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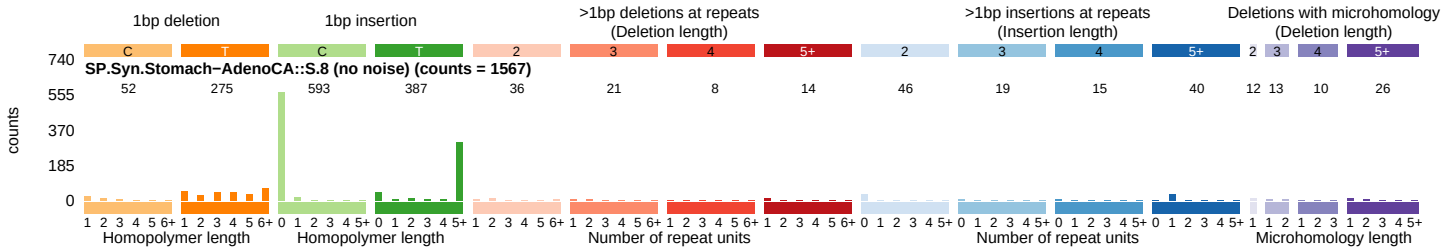
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.7 (no noise) (counts = 445)
8 264 7 147 2 3 1 1 8 1 1 0 0 1 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length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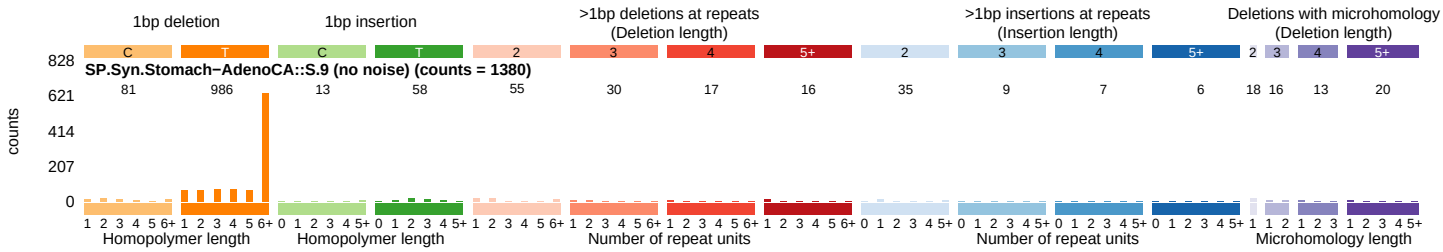
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.8 (no noise) (counts = 1567)
52 275 593 387 36 21 8 14 46 19 15 40 12 13 10 26
counts
Homopolymer length
Number of repeat units
Microhomology length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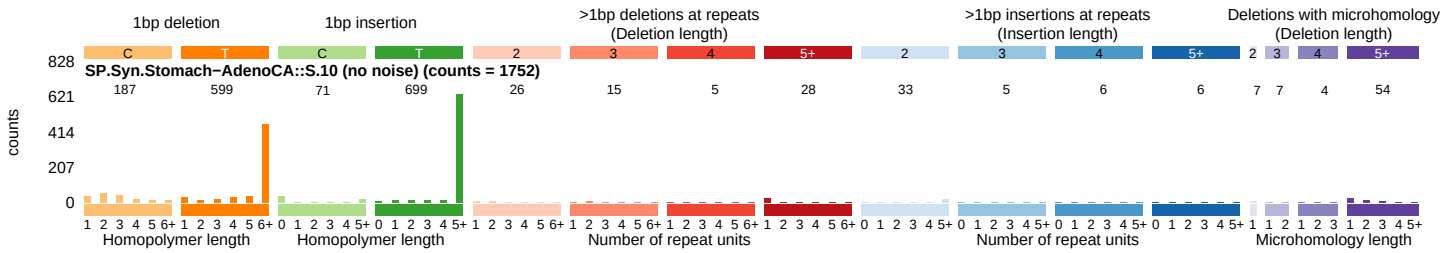
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.9 (no noise) (counts = 1380)
81 986 13 58 55 30 17 16 35 9 7 6 18 16 13 20
counts
Homopolymer length
Number of repeat units
Microhomology length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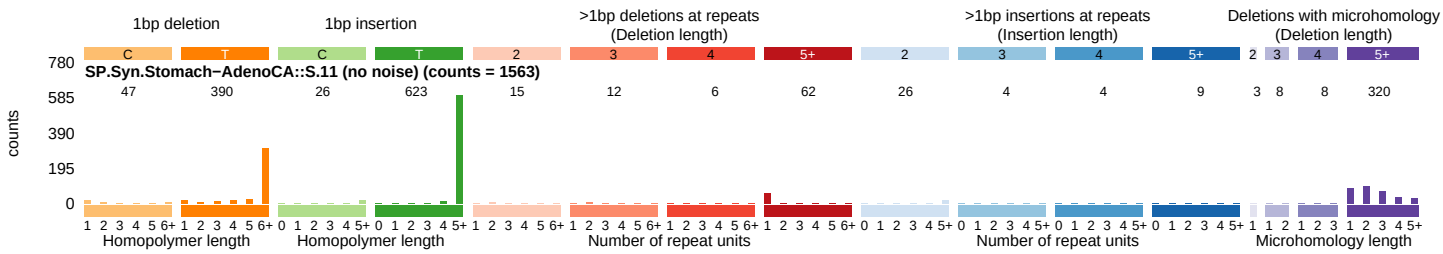
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.10 (no noise) (counts = 1752)
187 599 71 699 26 15 5 28 33 5 6 6 7 7 4 54
counts
Homopolymer length
Number of repeat units
Microhomology length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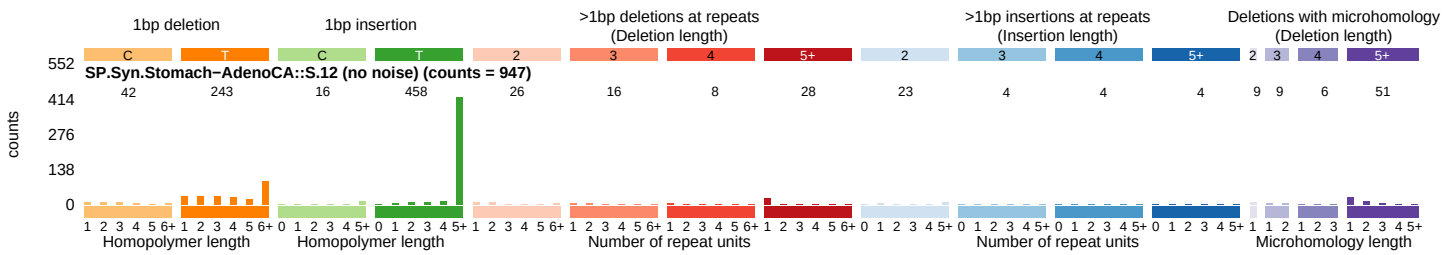
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.11 (no noise) (counts = 1563)
47 390 26 623 15 12 6 62 26 4 4 9 3 8 8 320
counts
Homopolymer length
Number of repeat units
Microhomology length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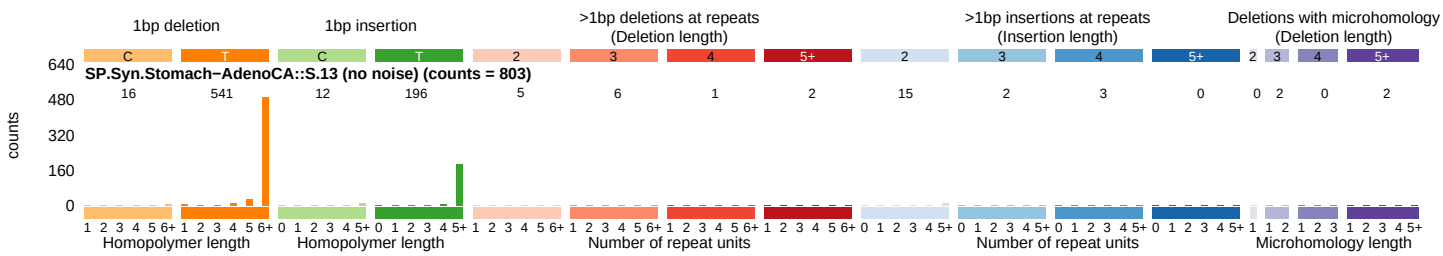
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.12 (no noise) (counts = 947)
42 243 16 458 26 16 8 28 23 4 4 4 9 9 6 51
counts
Homopolymer length
Number of repeat units
Microhomology length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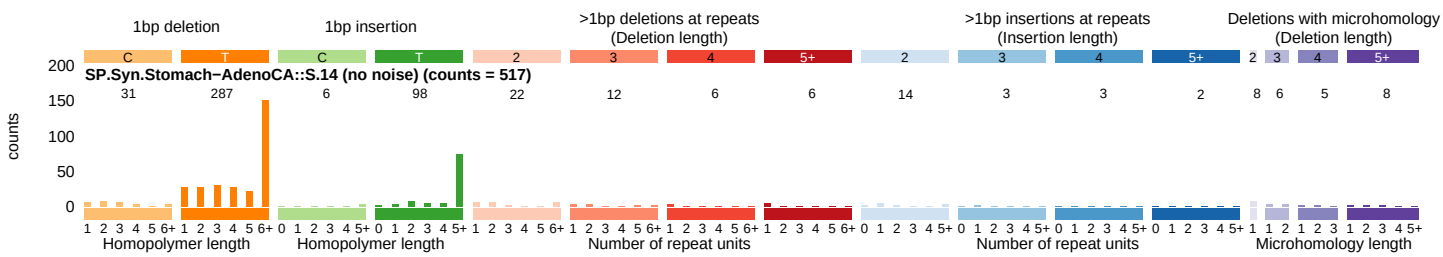
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.13 (no noise) (counts = 803)
16 541 12 196 5 6 1 2 15 2 3 0 0 2 0 2
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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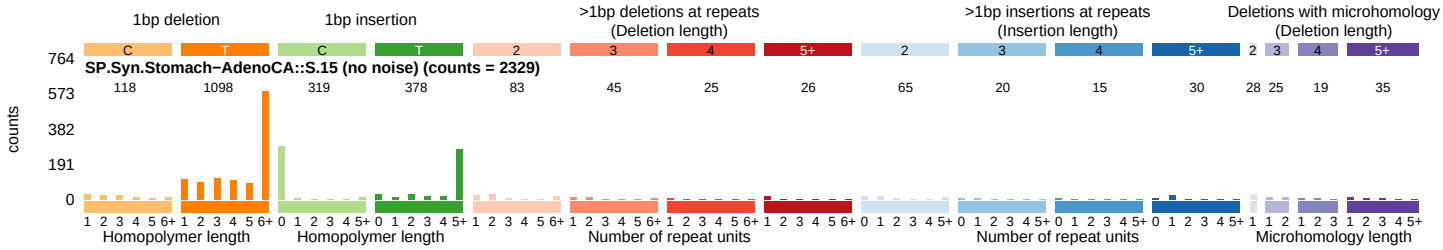
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.14 (no noise) (counts = 517)
31 287 6 98 22 12 6 6 14 3 3 2 8 6 5 8
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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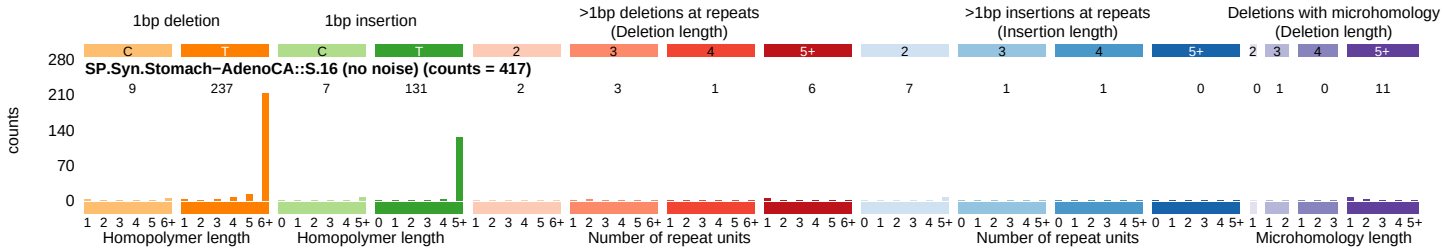
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.15 (no noise) (counts = 2329)
118 1098 319 378 83 45 25 26 65 20 15 30 28 25 19 35
counts
764
573
382
191
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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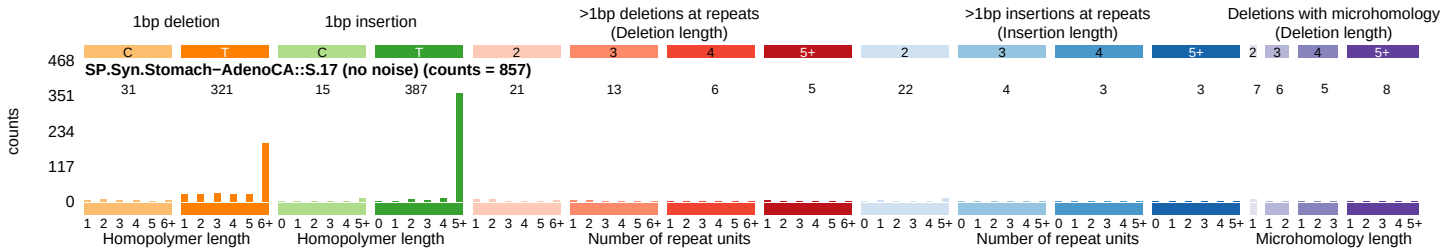
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.16 (no noise) (counts = 417)
9 237 7 131 2 3 1 6 7 1 1 0 0 1 0 11
counts
280
210
140
70
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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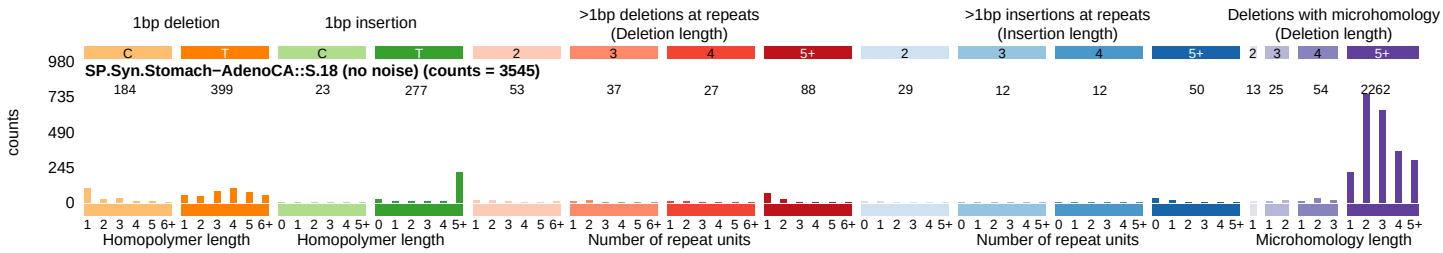
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.17 (no noise) (counts = 857)
31 321 15 387 21 13 6 5 22 4 3 3 7 6 5 8
counts
468
351
234
117
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
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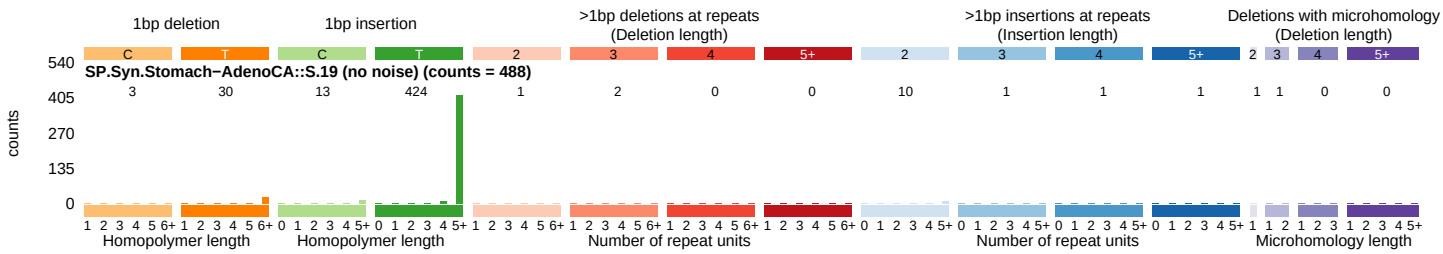
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.18 (no noise) (counts = 3545)
184 399 23 277 53 37 27 88 29 12 12 50 13 25 54 2262
counts
980
735
490
245
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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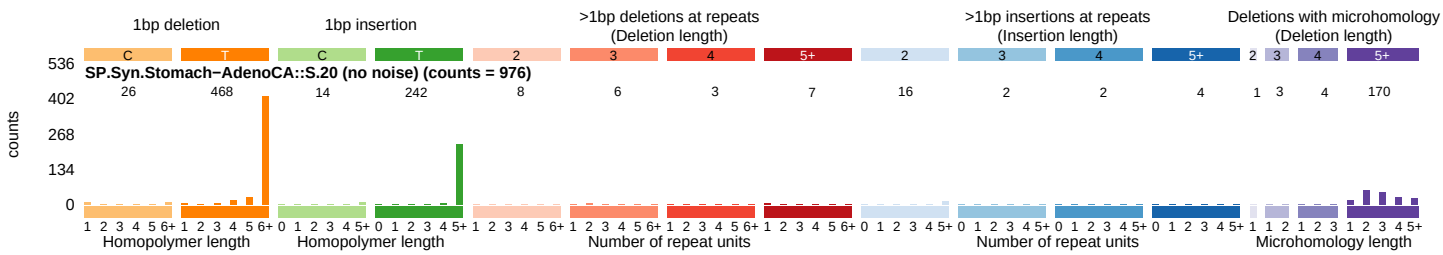
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.19 (no noise) (counts = 488)
3 30 13 424 1 2 0 0 10 1 1 1 1 1 0 0
counts
540
405
270
135
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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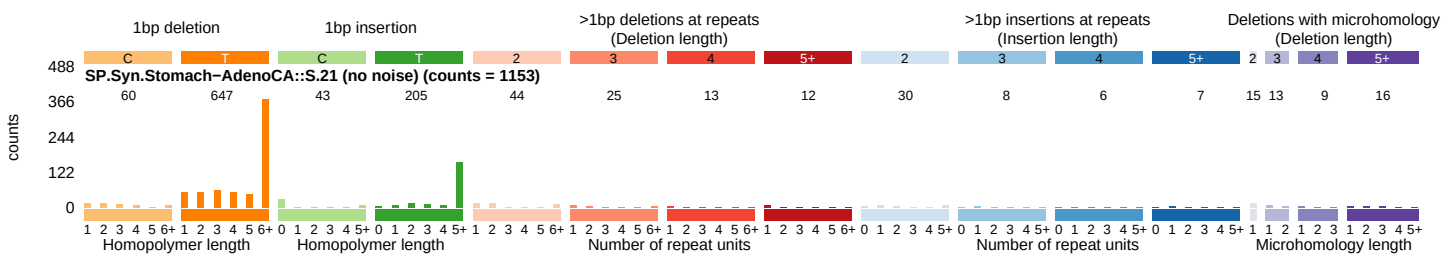
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.20 (no noise) (counts = 976)
26 468 14 242 8 6 3 7 16 2 2 4 1 3 4 170
counts
536
402
268
134
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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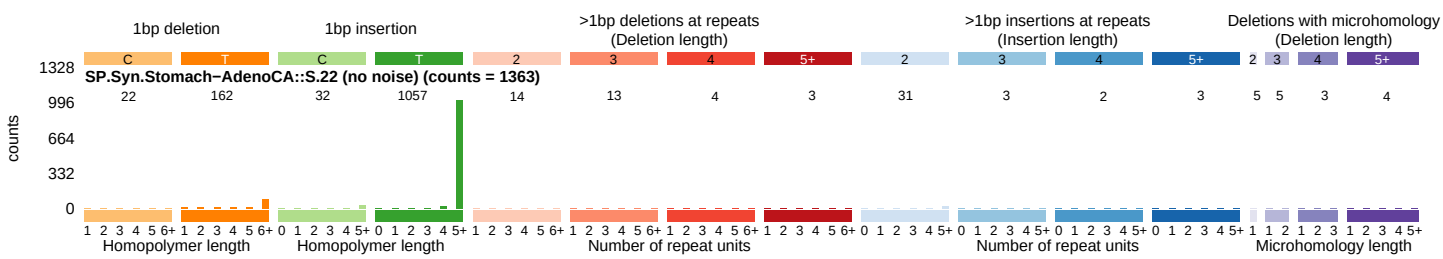
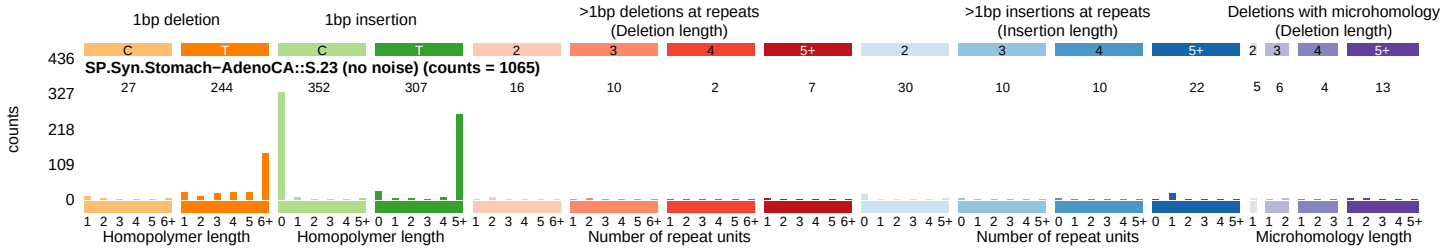
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.21 (no noise) (counts = 1153)
60 647 43 205 44 25 13 12 30 8 6 7 15 13 9 16
counts
488
366
244
122
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.22 (no noise) (counts = 1363)
22 162 32 1057 14 13 4 3 31 3 2 3 5 5 3 4
counts
1328
996
664
332
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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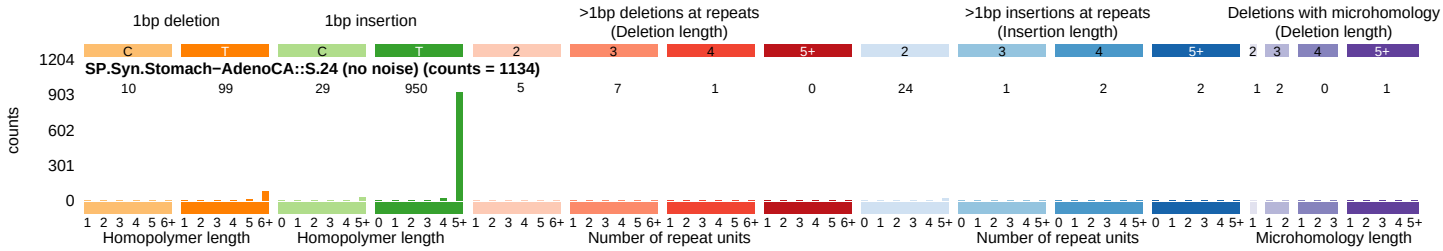
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.23 (no noise) (counts = 1065)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
27 244 352 307 16 10 2 7 30 10 10 22 5 6 4 13
counts
436 327 218 109 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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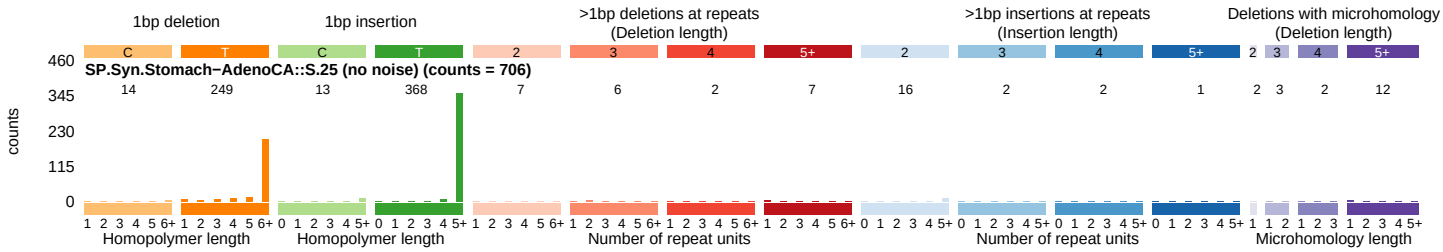
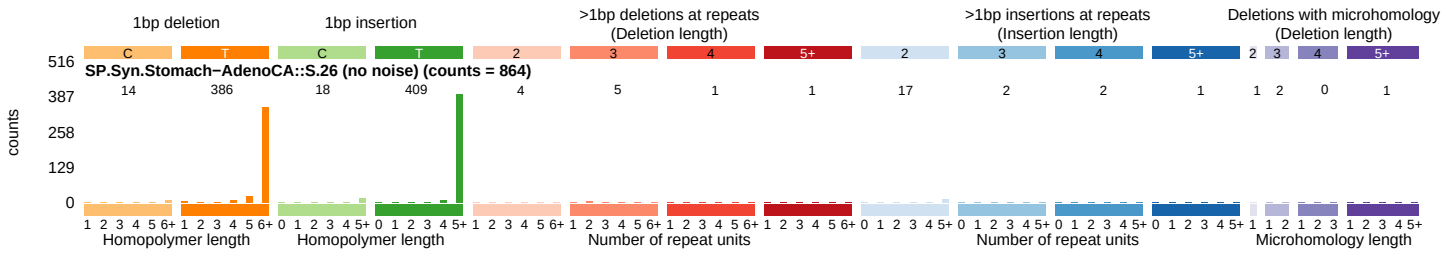
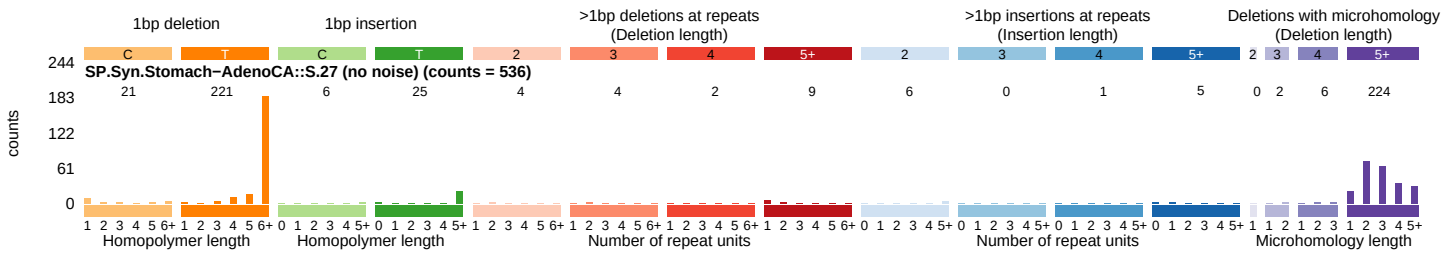
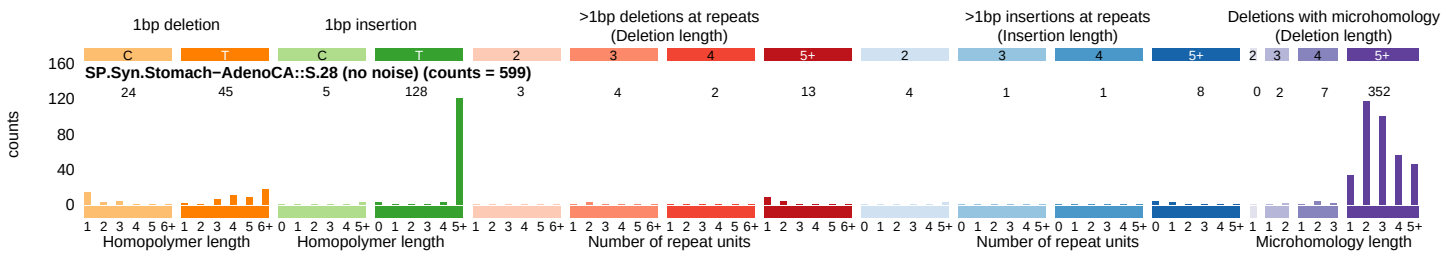
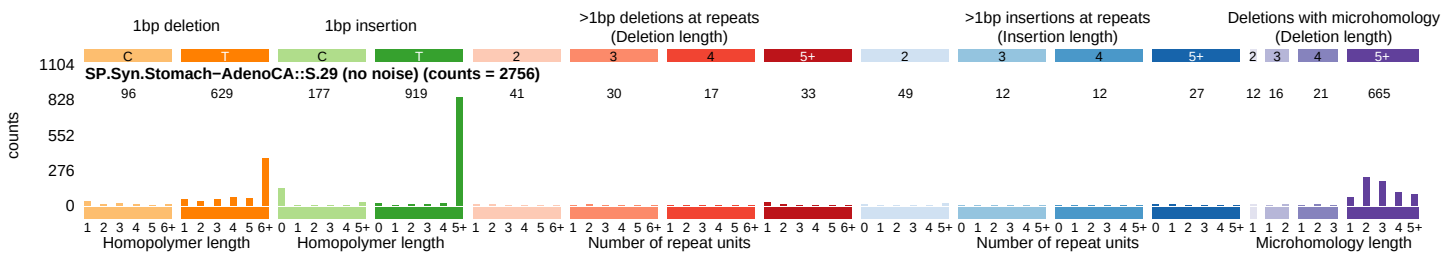
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.24 (no noise) (counts = 1134)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
10 99 29 950 5 7 1 0 24 1 2 2 1 2 0 1
counts
1204 903 602 301 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

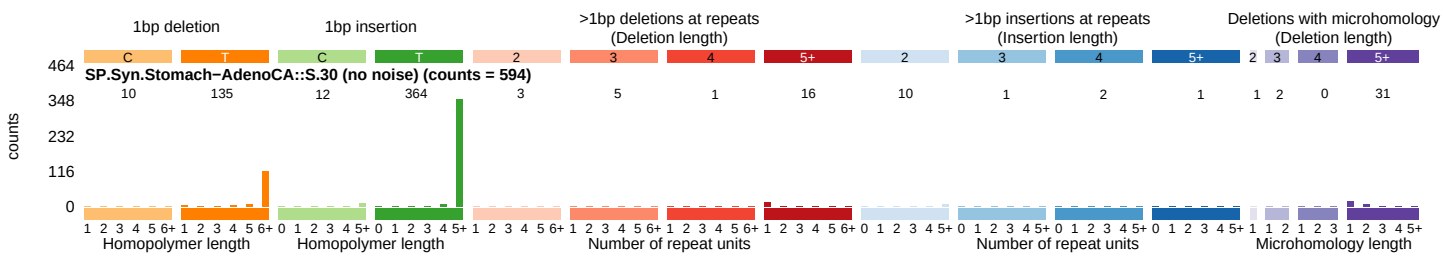

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.25 (no noise) (counts = 706)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
14 249 13 368 7 6 2 7 16 2 2 1 2 3 2 12
counts
460 345 230 115 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

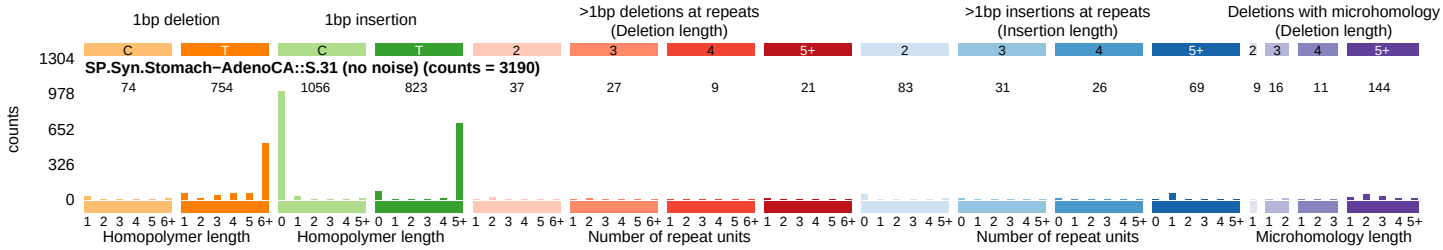

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.26 (no noise) (counts = 864)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
14 386 18 409 4 5 1 1 17 2 2 1 1 2 0 1
counts
516 387 258 129 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.27 (no noise) (counts = 536)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
21 221 6 25 4 4 2 9 6 0 1 5 0 2 6 224
counts
244 183 122 61 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.28 (no noise) (counts = 599)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
24 45 5 128 3 4 2 13 4 1 1 8 0 2 7 352
counts
160 120 80 40 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.29 (no noise) (counts = 2756)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
96 629 177 919 41 30 17 33 49 12 12 27 12 16 21 665
counts
1104 828 552 276 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.30 (no noise) (counts = 594)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
10 135 12 364 3 5 1 16 10 1 2 1 1 2 0 31
counts
464 348 232 116 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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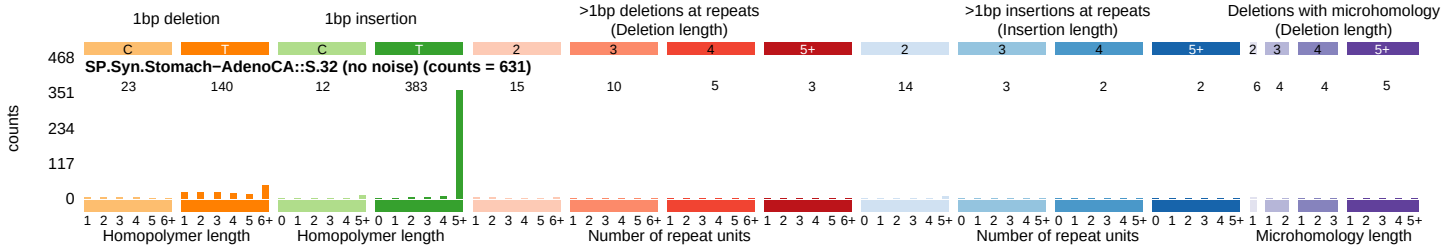
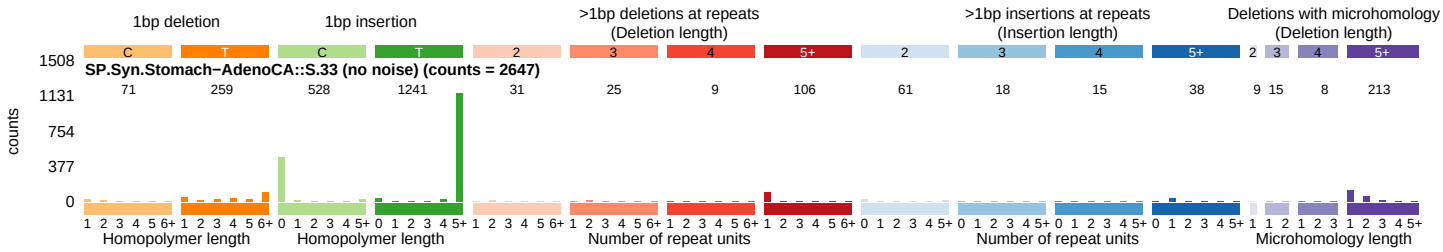
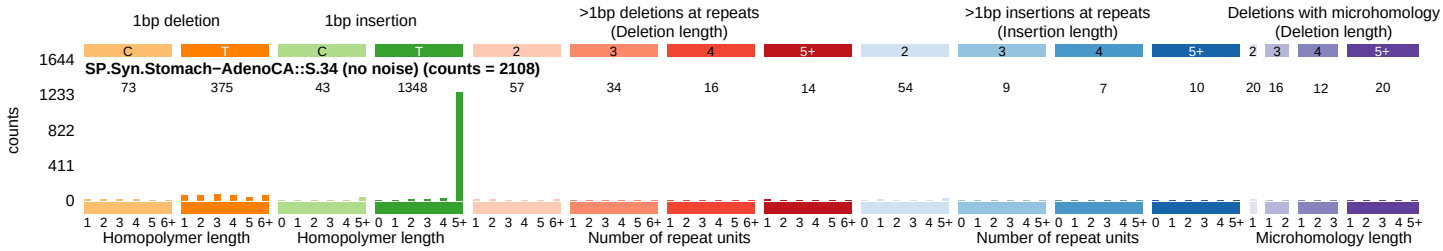
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.31 (no noise) (counts = 3190)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.32 (no noise) (counts = 631)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.33 (no noise) (counts = 2647)
counts
Homopolymer length
Number of repeat units
Microhomology length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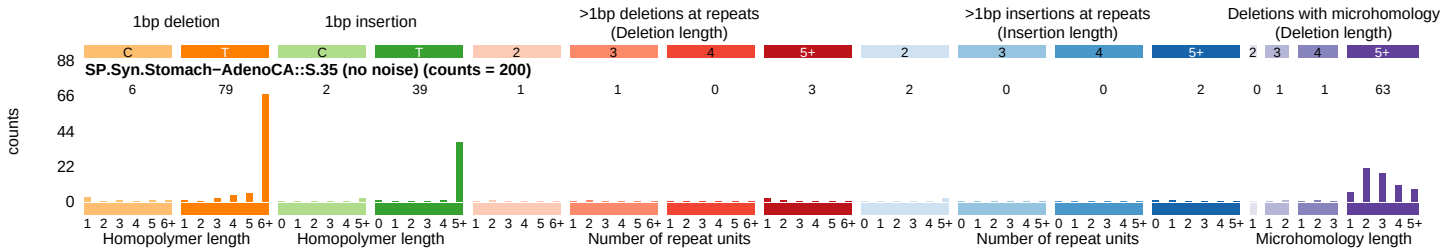
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.34 (no noise) (counts = 2108)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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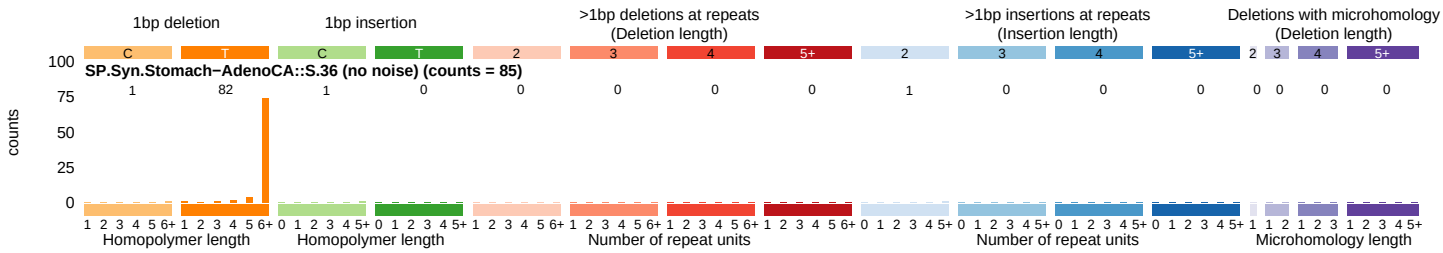
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.35 (no noise) (counts = 200)
counts
Homopolymer length
Number of repeat units
Microhomology length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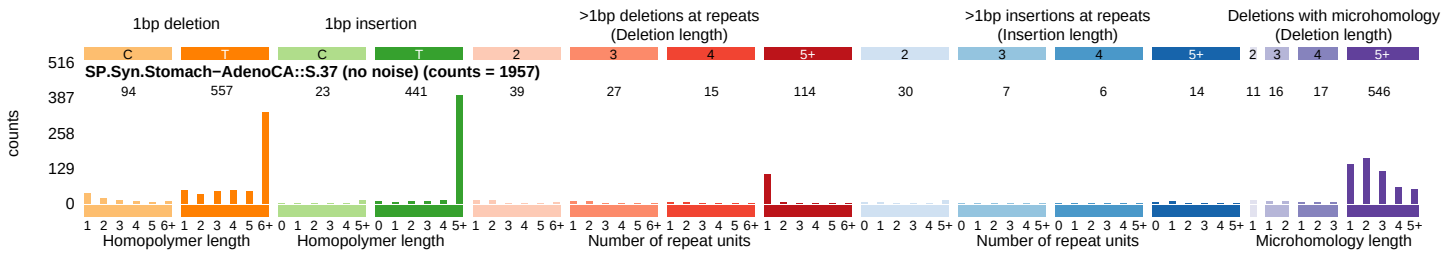
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.36 (no noise) (counts = 85)
counts
Homopolymer length
Number of repeat units
Microhomology length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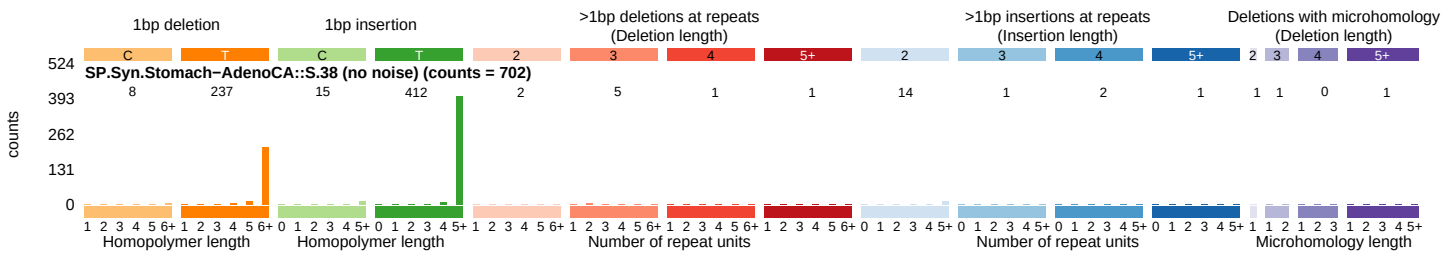
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.37 (no noise) (counts = 1957)
counts
Homopolymer length
Number of repeat units
Microhomology length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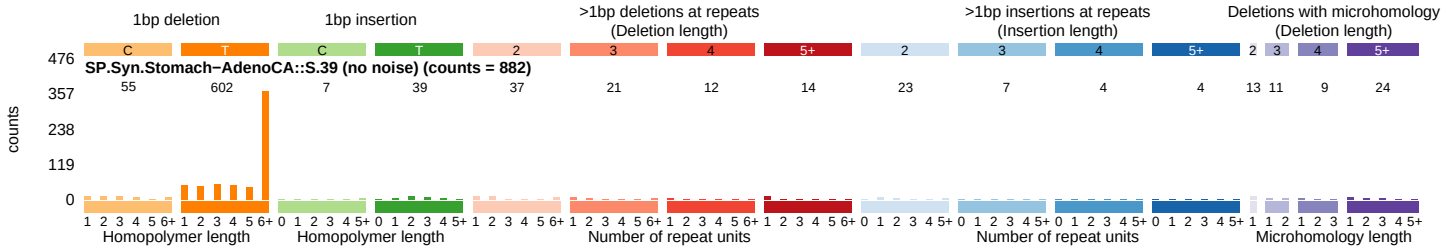
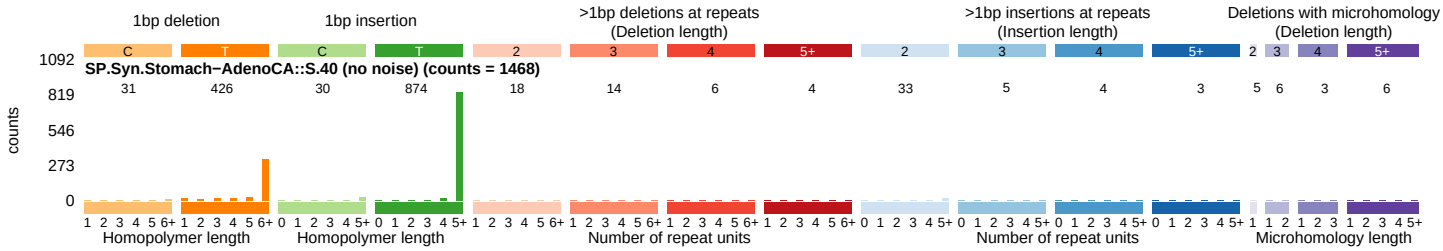
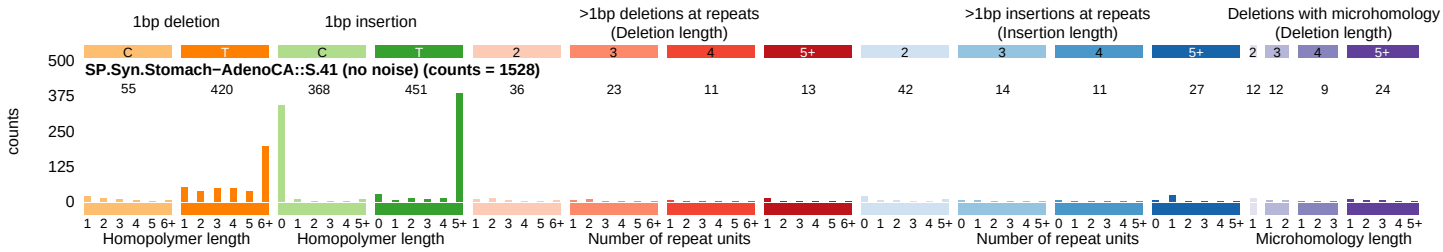
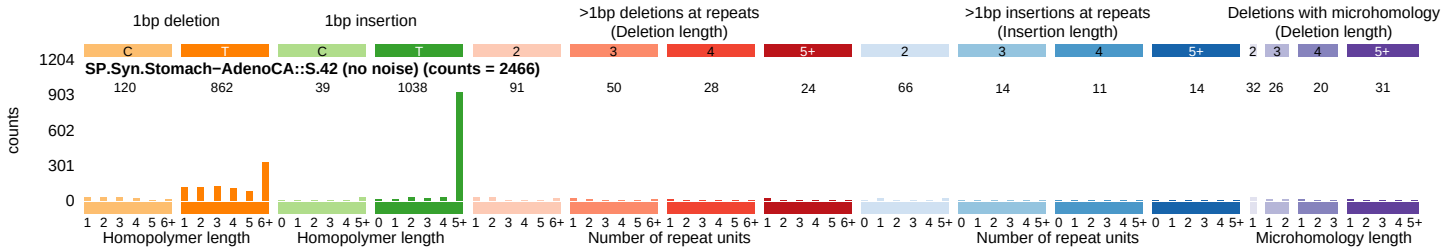
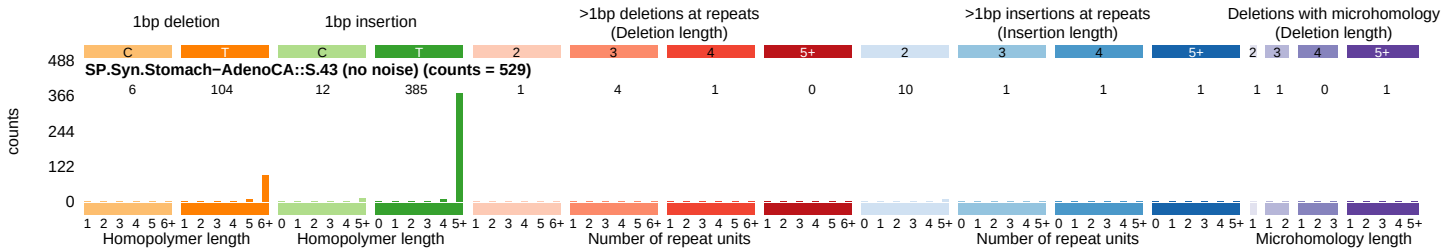
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.38 (no noise) (counts = 702)
counts
Homopolymer length
Number of repeat units
Microhomology length

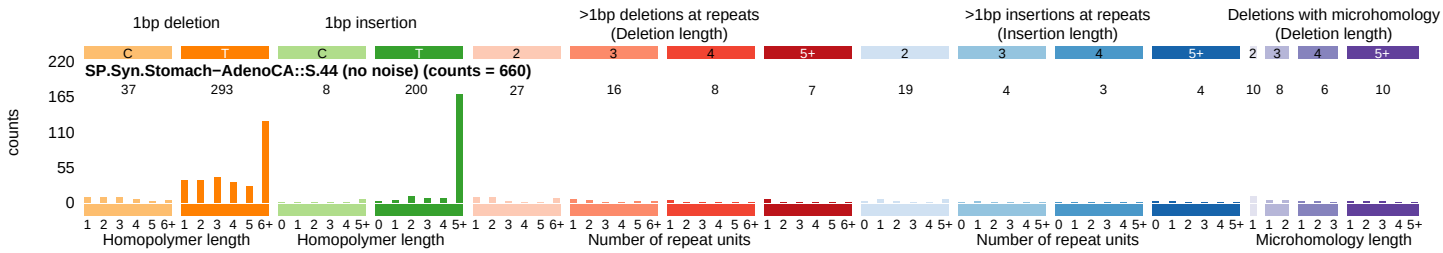

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.39 (no noise) (counts = 882)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.40 (no noise) (counts = 1468)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.41 (no noise) (counts = 1528)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.42 (no noise) (counts = 2466)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.43 (no noise) (counts = 529)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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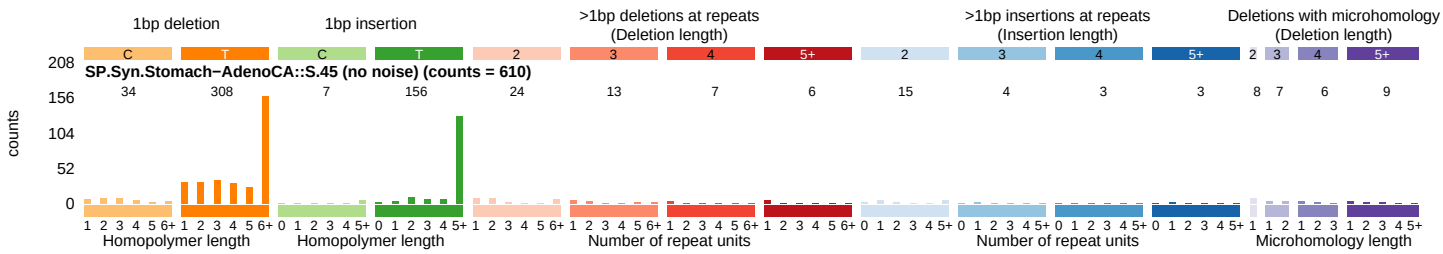
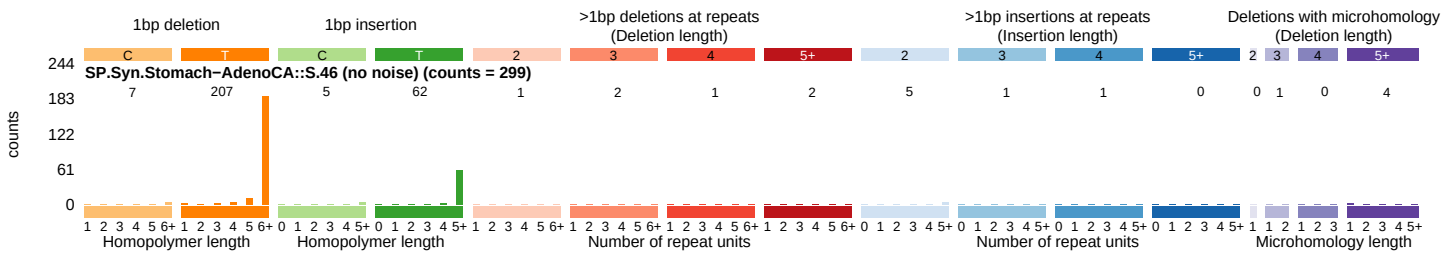
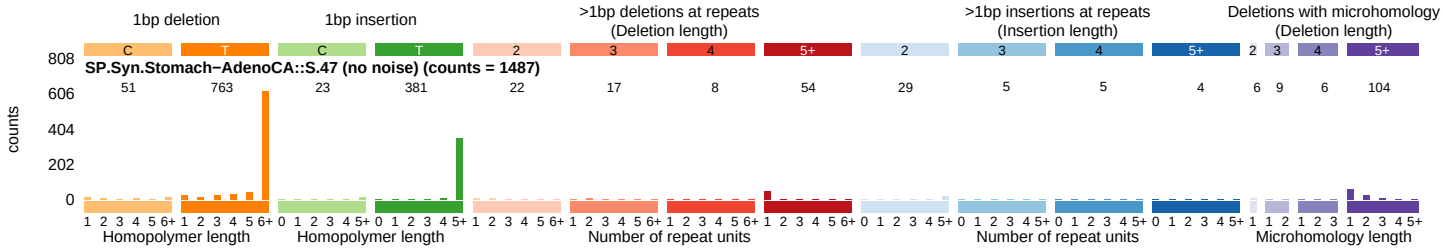
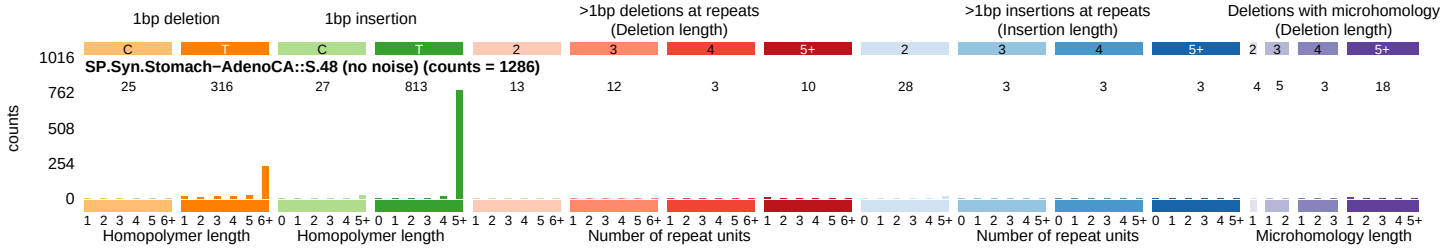
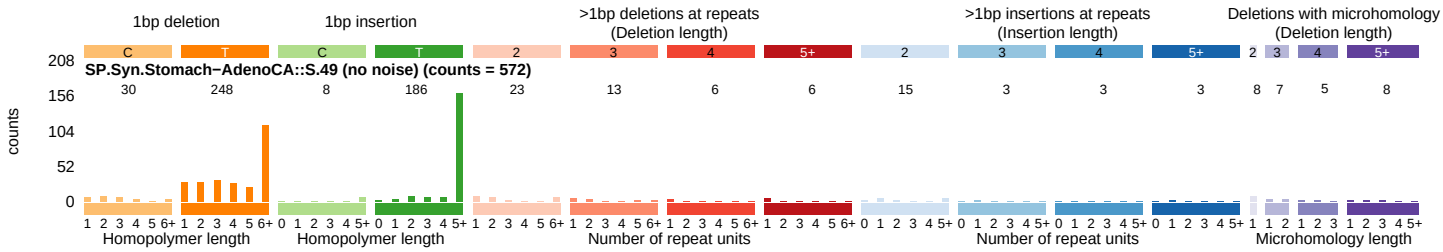
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.44 (no noise) (counts = 660)
counts
Homopolymer length
Number of repeat units
Microhomology length

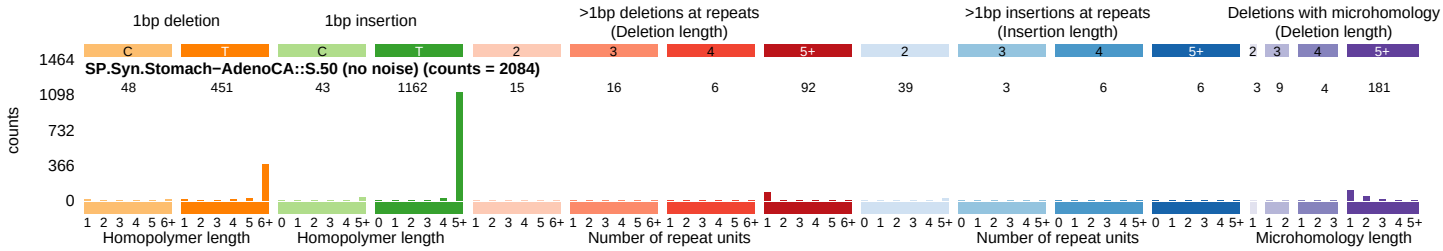

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.45 (no noise) (counts = 610)
counts
Homopolymer length
Number of repeat units
Microhomology length

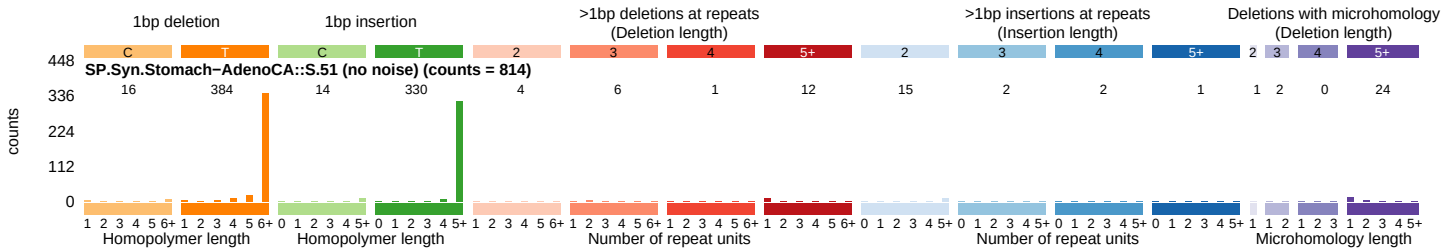

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.46 (no noise) (counts = 299)
counts
Homopolymer length
Number of repeat units
Microhomology length

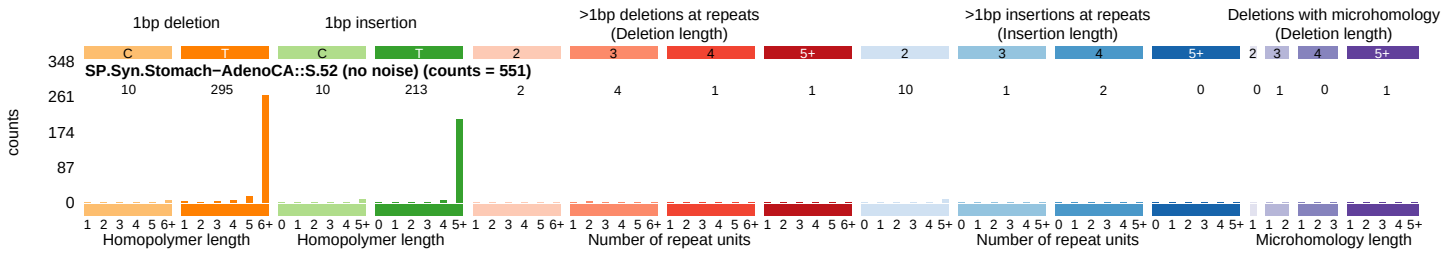

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.47 (no noise) (counts = 1487)
51 763 23 381 22 17 8 54 29 5 5 4 6 9 6 104
counts
Homopolymer length
Number of repeat units
Microhomology length

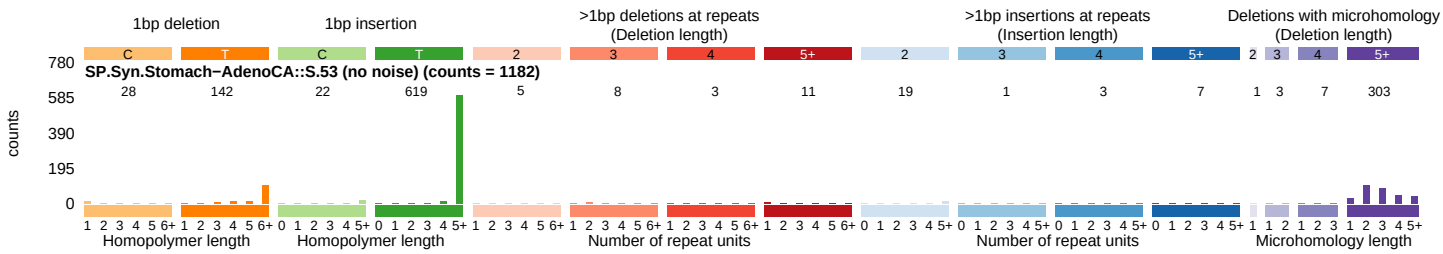

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.48 (no noise) (counts = 1286)
25 316 27 813 13 12 3 10 28 3 3 3 4 5 3 18
counts
Homopolymer length
Number of repeat units
Microhomology length

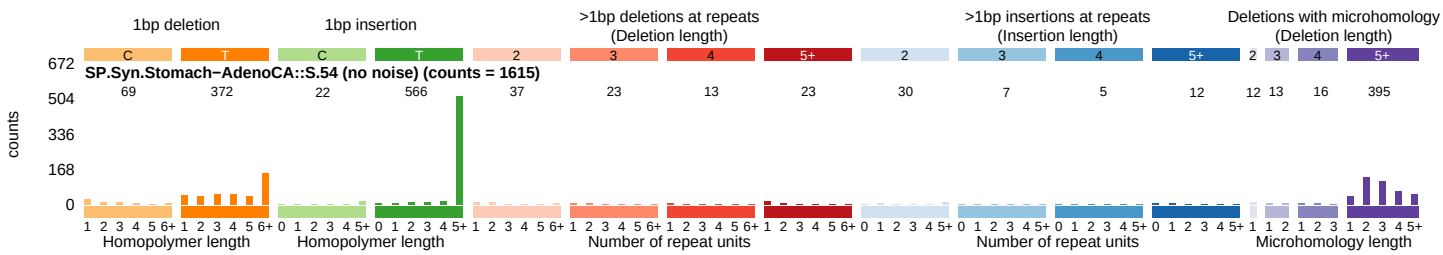

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.49 (no noise) (counts = 572)
30 248 8 186 23 13 6 6 15 3 3 3 8 7 5 8
counts
Homopolymer length
Number of repeat units
Microhomology length

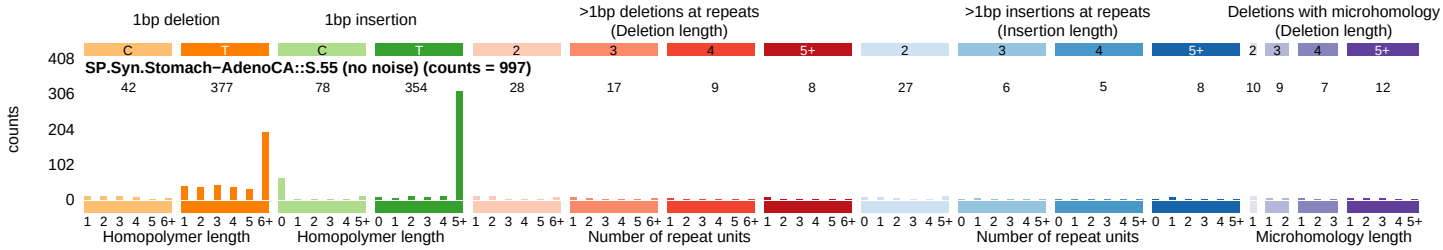

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.50 (no noise) (counts = 2084)
48 451 43 1162 15 16 6 92 39 3 6 6 3 9 4 181
counts
Homopolymer length
Number of repeat units
Microhomology length

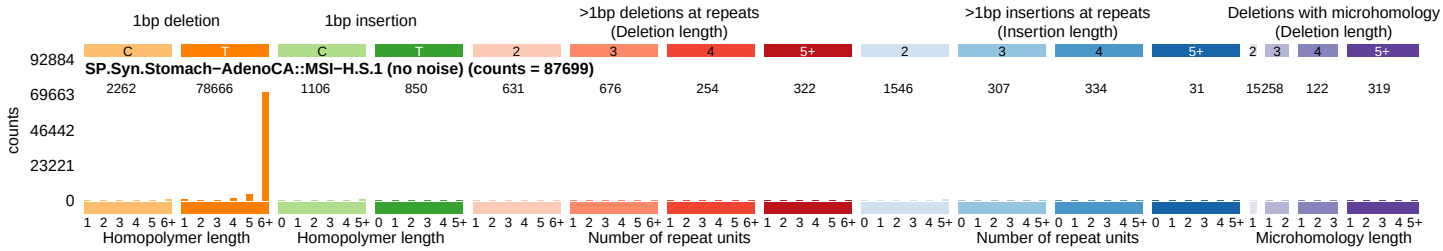

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.51 (no noise) (counts = 814)
16 384 14 330 4 6 1 12 15 2 2 1 1 2 0 24
counts
Homopolymer length
Number of repeat units
Microhomology length

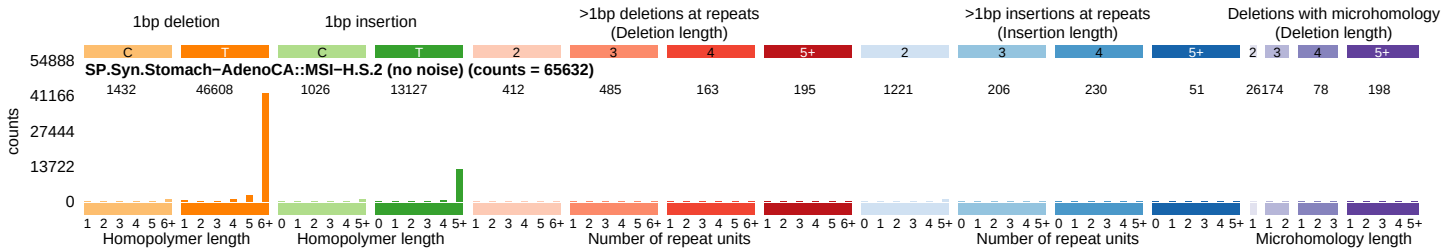

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.52 (no noise) (counts = 551)
10 295 10 213 2 4 1 1 10 1 2 0 0 1 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length

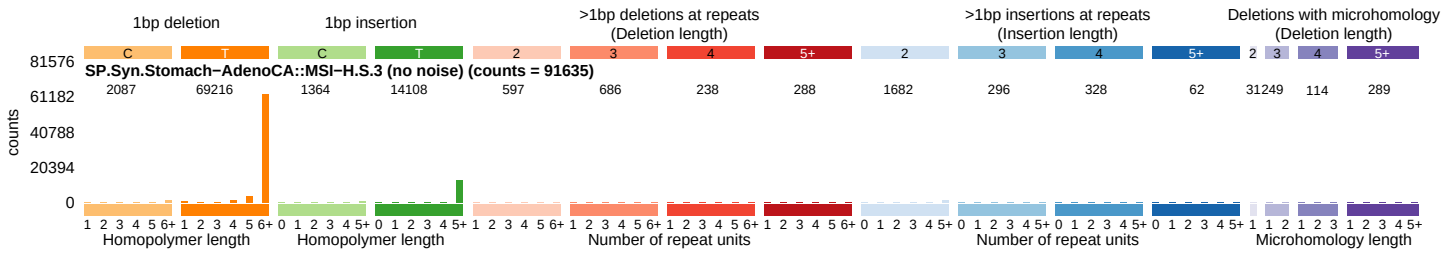

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.53 (no noise) (counts = 1182)
28 142 22 619 5 8 3 11 19 1 3 7 1 3 7 303
counts
Homopolymer length
Number of repeat units
Microhomology length

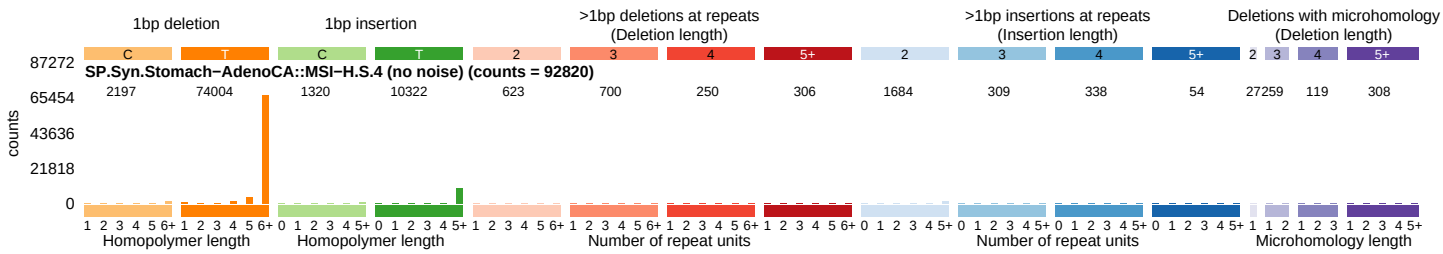

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.54 (no noise) (counts = 1615)
69 372 22 566 37 23 13 23 30 7 5 12 12 13 16 395
counts
Homopolymer length
Number of repeat units
Microhomology length

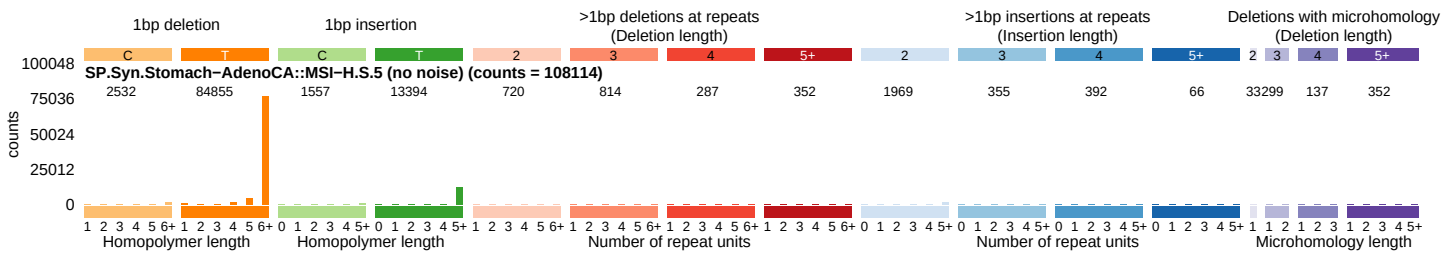

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.55 (no noise) (counts = 997)
42 377 78 354 28 17 9 8 27 6 5 8 10 9 7 12
counts
408 306 204 102 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

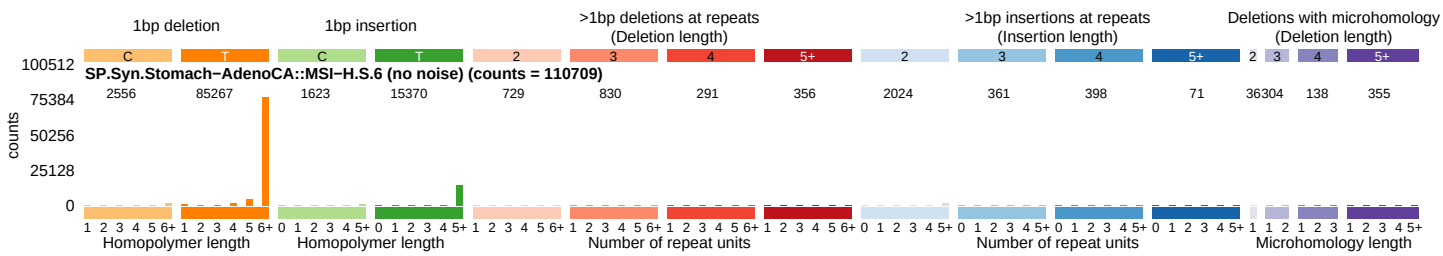

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::MSI−H.S.1 (no noise) (counts = 87699)
2262 78666 1106 850 631 676 254 322 1546 307 334 31 15258 122 319
counts
92884 69663 46442 23221 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::MSI−H.S.2 (no noise) (counts = 65632)
1432 46608 1026 13127 412 485 163 195 1221 206 230 51 26174 78 198
counts
54888 41166 27444 13722 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::MSI−H.S.3 (no noise) (counts = 91635)
2087 69216 1364 14108 597 686 238 288 1682 296 328 62 31249 114 289
counts
81576 61182 40788 20394 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::MSI−H.S.4 (no noise) (counts = 92820)
2197 74004 1320 10322 623 700 250 306 1684 309 338 54 27259 119 308
counts
87272 65454 43636 21818 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::MSI−H.S.5 (no noise) (counts = 108114)
2532 84855 1557 13394 720 814 287 352 1969 355 392 66 33299 137 352
counts
100048 75036 50024 25012 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::MSI−H.S.6 (no noise) (counts = 110709)
2556 85267 1623 15370 729 830 291 356 2024 361 398 71 36304 138 355
counts
100512 75384 50256 25128 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length