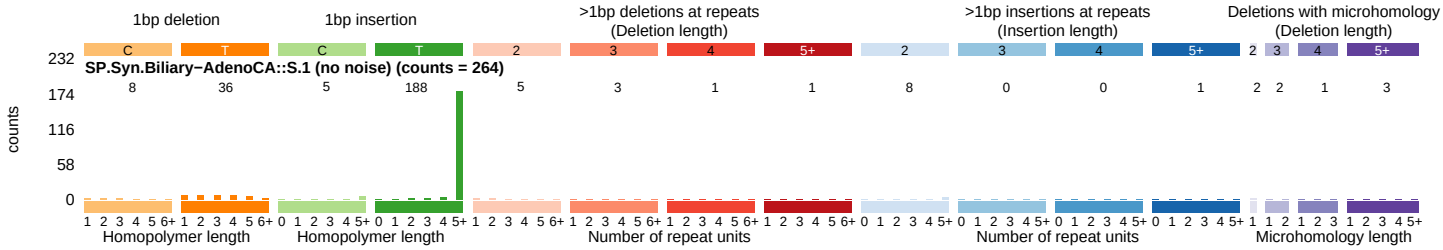
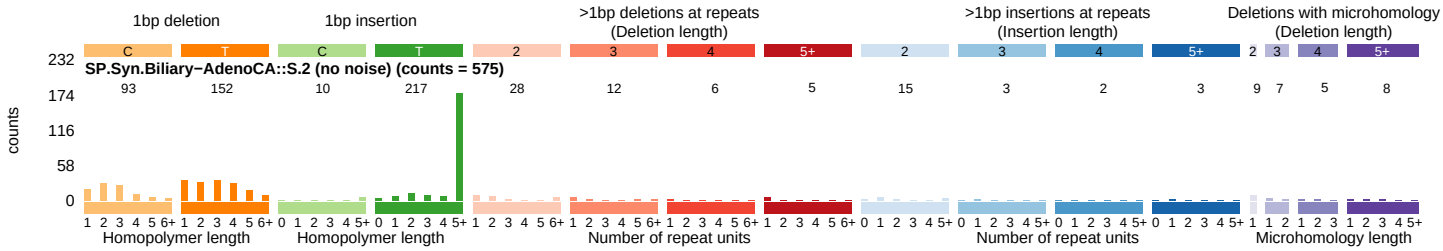

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.1 (no noise) (counts = 264)
8 36 5 188 5 3 1 1 8 0 0 1 2 2 1 3
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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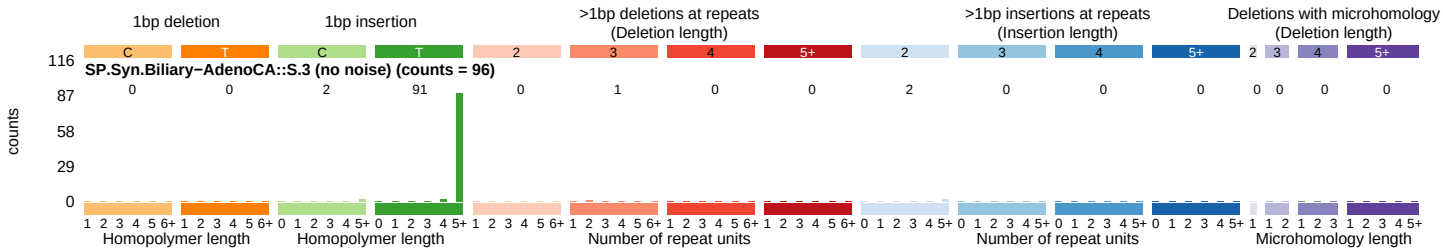
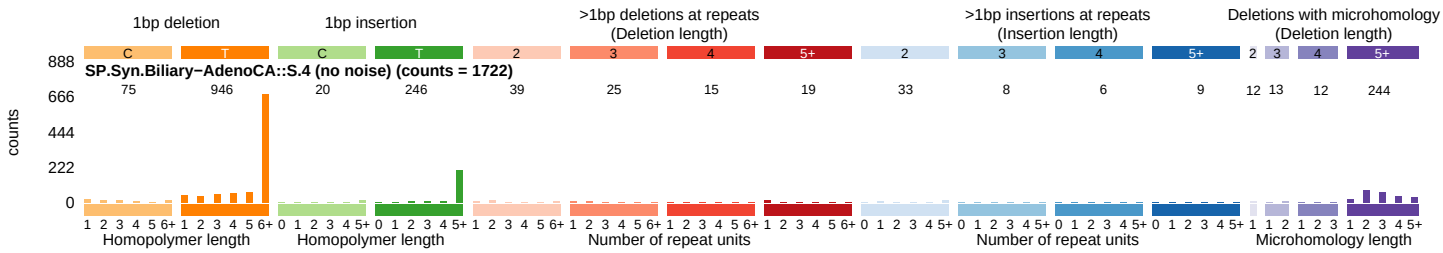
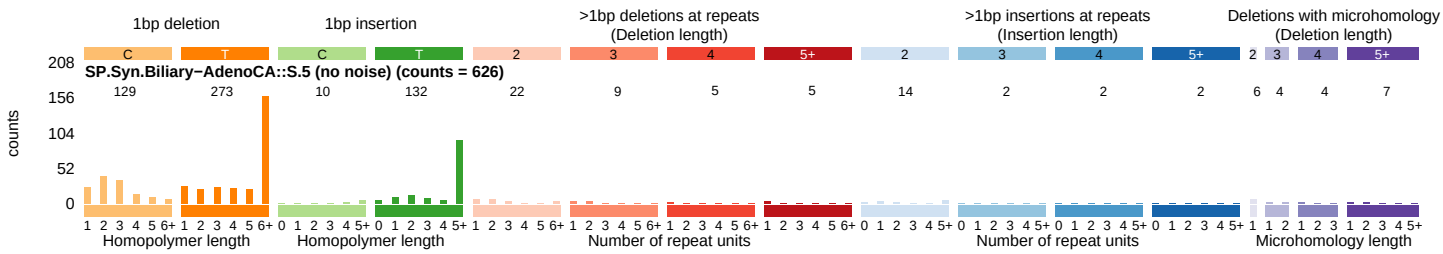
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.2 (no noise) (counts = 575)
93 152 10 217 28 12 6 5 15 3 2 3 9 7 5 8
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.3 (no noise) (counts = 96)
0 0 2 91 0 1 0 0 2 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.Biliary−AdenoCA::S.4 (no noise) (counts = 1722)
75 946 20 246 39 25 15 19 33 8 6 9 12 13 12 244
counts
Homopolymer length
Number of repeat units
Microhomology length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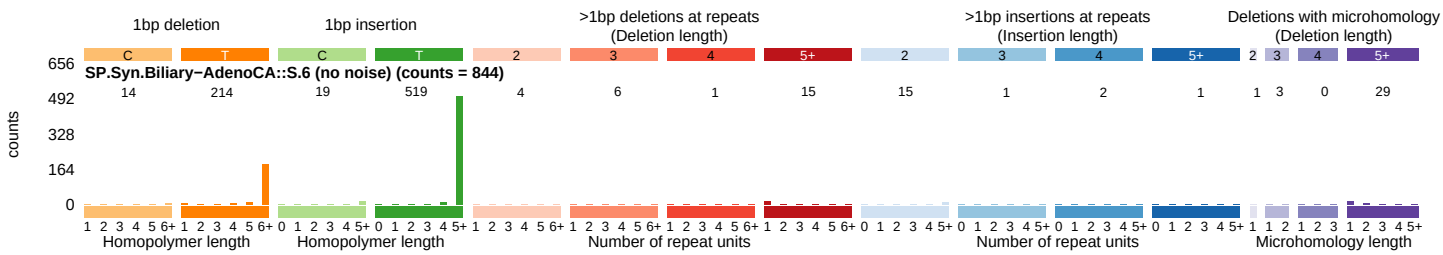
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.5 (no noise) (counts = 626)
129 273 10 132 22 9 5 5 14 2 2 2 6 4 4 7
counts
Homopolymer length
Number of repeat units
Microhomology length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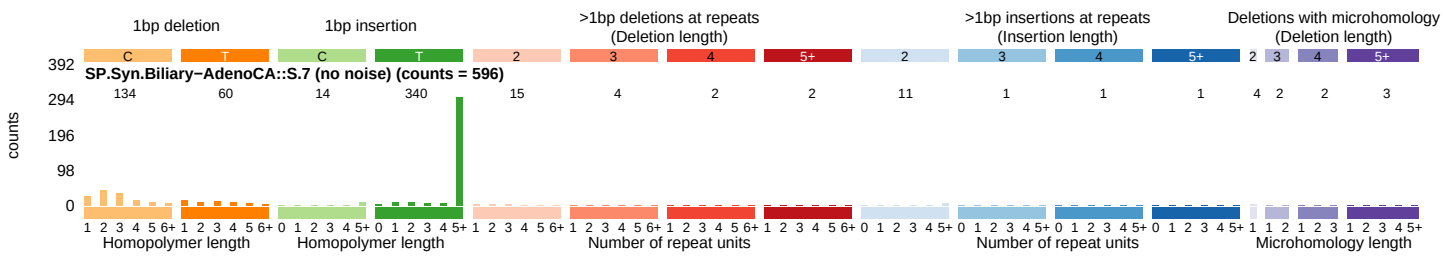
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.6 (no noise) (counts = 844)
14 214 19 519 4 6 1 15 15 1 2 1 1 3 0 29
counts
Homopolymer length
Number of repeat units
Microhomology length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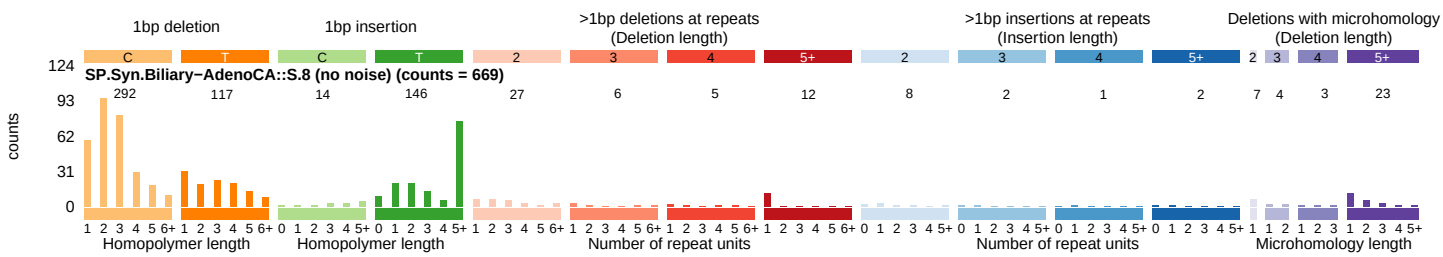
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.7 (no noise) (counts = 596)
134 60 14 340 15 4 2 2 11 1 1 1 4 2 2 3
counts
Homopolymer length
Number of repeat units
Microhomology length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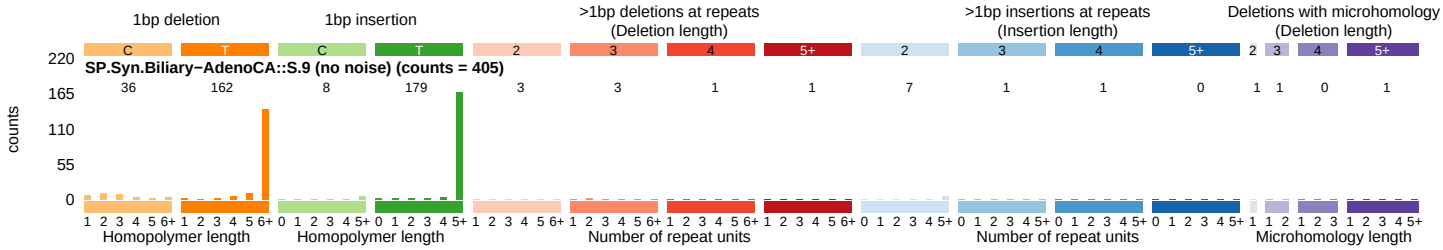
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.8 (no noise) (counts = 669)
292 117 14 146 27 6 5 12 8 2 1 2 7 4 3 23
counts
Homopolymer length
Number of repeat units
Microhomology length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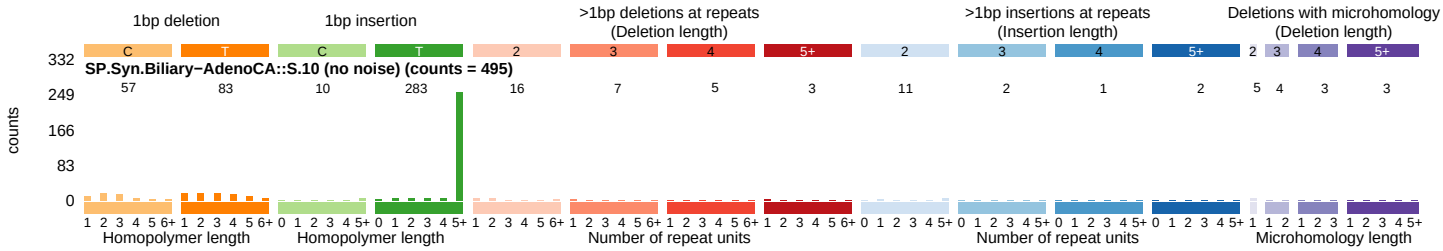
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.9 (no noise) (counts = 405)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
36 162 8 179 3 3 1 1 7 1 1 0 1 1 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length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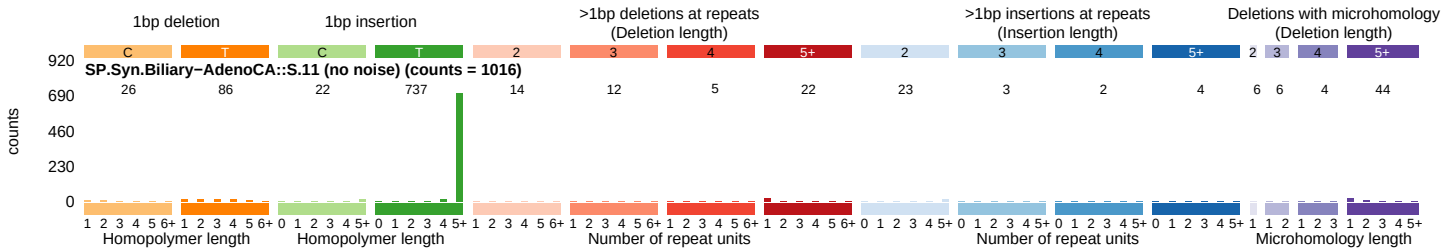
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.10 (no noise) (counts = 495)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
57 83 10 283 16 7 5 3 11 2 1 2 5 4 3 3
counts
Homopolymer length
Number of repeat units
Microhomology length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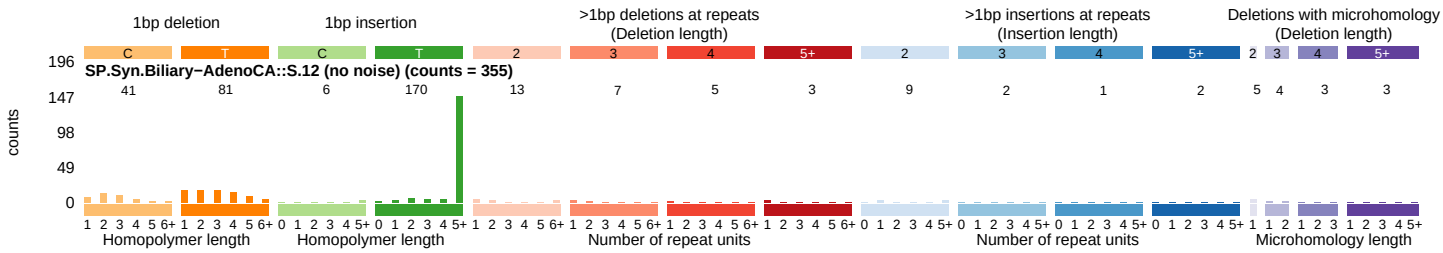
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.11 (no noise) (counts = 1016)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
26 86 22 737 14 12 5 22 23 3 2 4 6 6 4 44
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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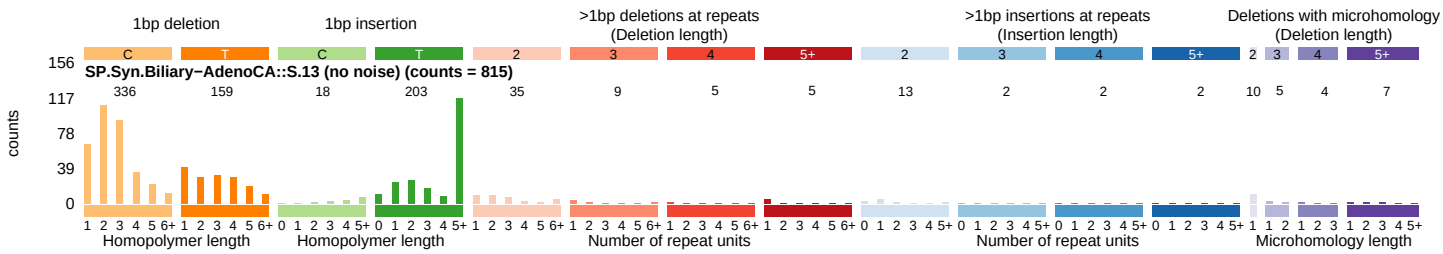
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.12 (no noise) (counts = 355)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
41 81 6 170 13 7 5 3 9 2 1 2 5 4 3 3
counts
Homopolymer length
Number of repeat units
Microhomology length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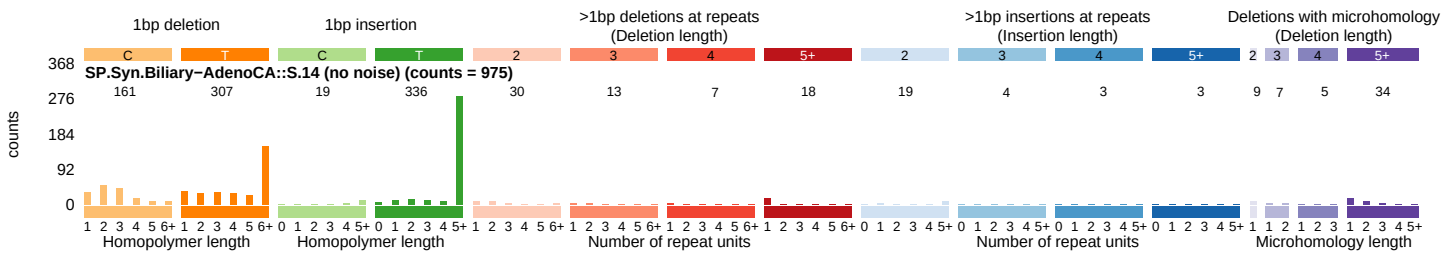
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.13 (no noise) (counts = 815)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
336 159 18 203 35 9 5 5 13 2 2 2 10 5 4 7
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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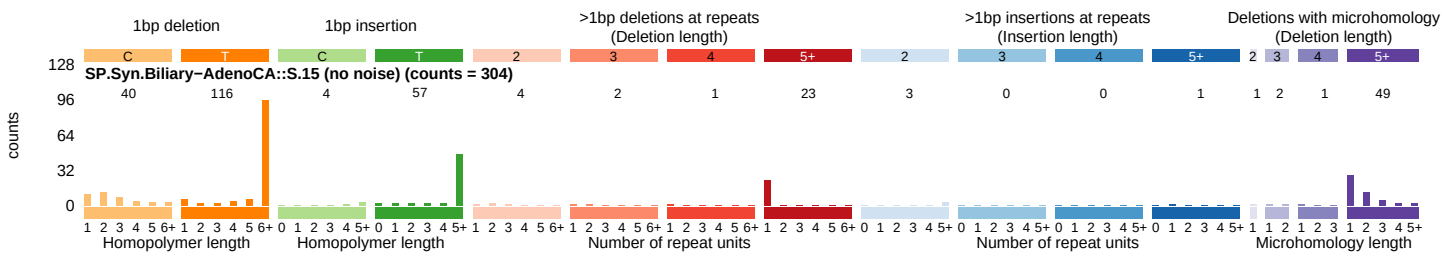
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.14 (no noise) (counts = 975)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
161 307 19 336 30 13 7 18 19 4 3 3 9 7 5 34
counts
Homopolymer length
Number of repeat units
Microhomology length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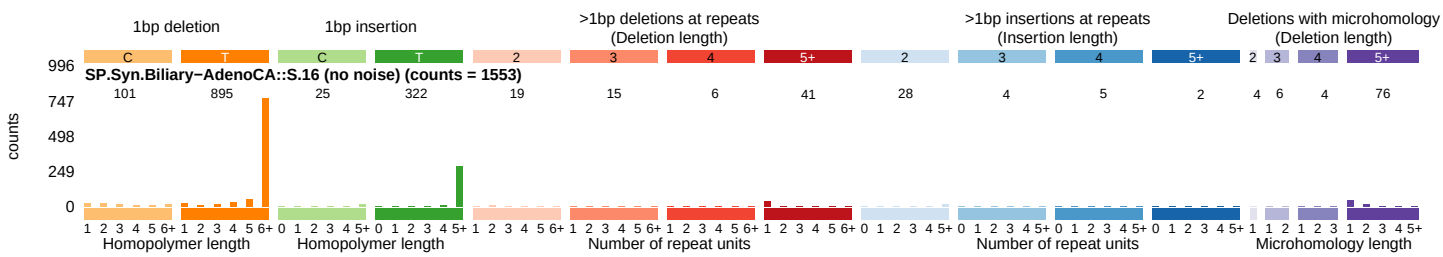
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.15 (no noise) (counts = 304)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
40 116 4 57 4 2 1 23 3 0 0 1 1 2 1 49
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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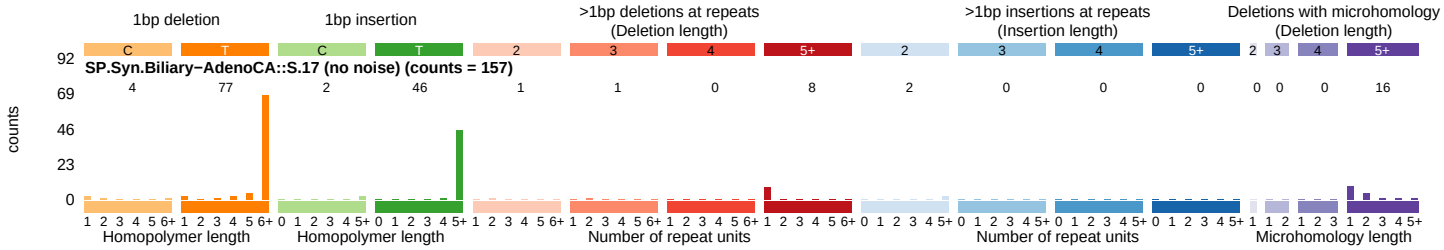
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.16 (no noise) (counts = 1553)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
101 895 25 322 19 15 6 41 28 4 5 2 4 6 4 76
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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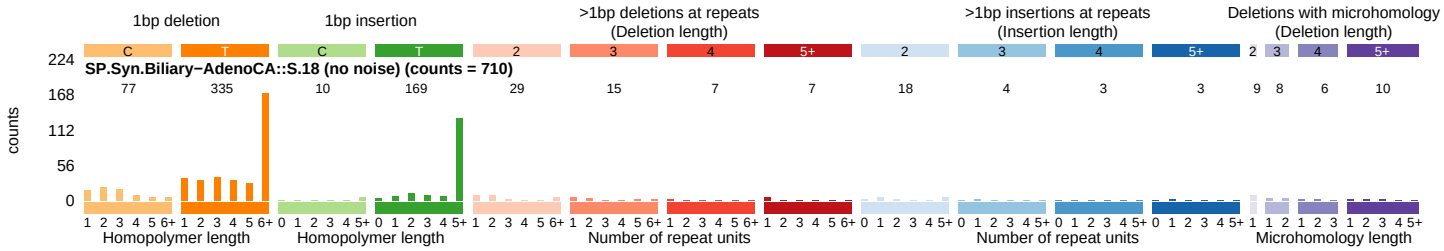
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.17 (no noise) (counts = 157)
4 77 2 46 1 1 0 8 2 0 0 0 0 0 0 16
counts
Homopolymer length
Number of repeat units
Microhomology length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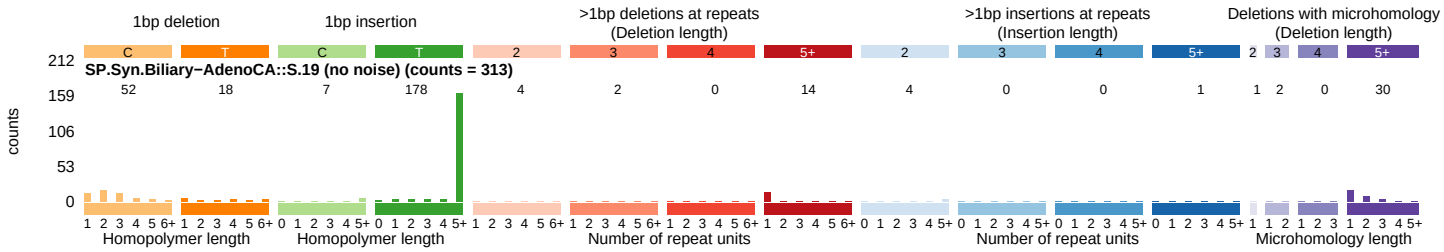
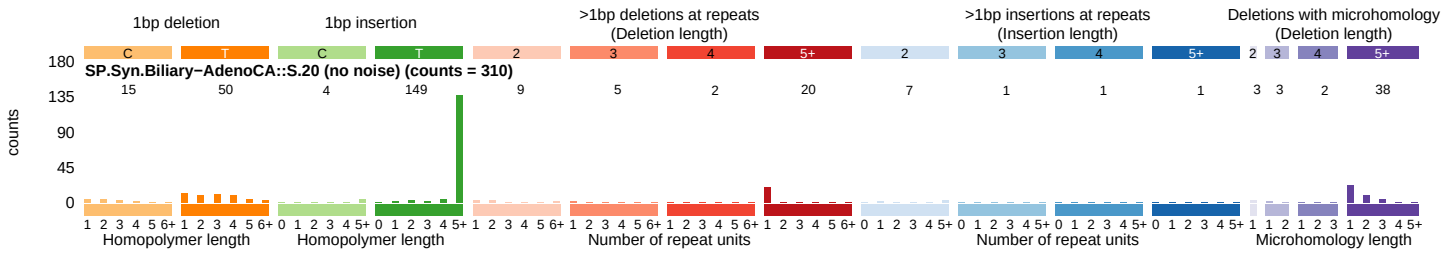
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.18 (no noise) (counts = 710)
77 335 10 169 29 15 7 7 18 4 3 3 9 8 6 10
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.19 (no noise) (counts = 313)
52 18 7 178 4 2 0 14 4 0 0 1 1 2 0 30
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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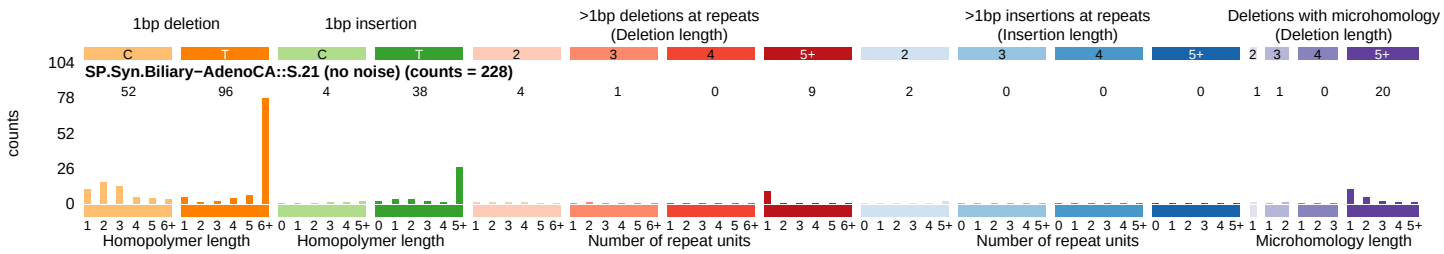
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.20 (no noise) (counts = 310)
15 50 4 149 9 5 2 20 7 1 1 1 3 3 2 38
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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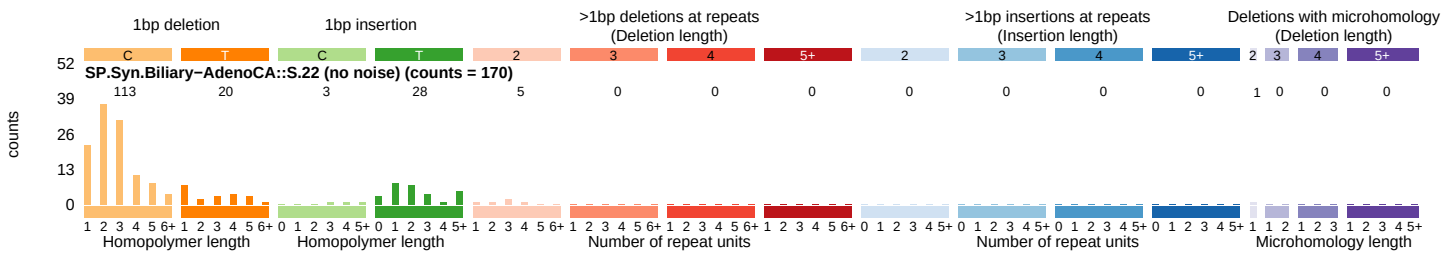
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.21 (no noise) (counts = 228)
52 96 4 38 4 1 0 9 2 0 0 0 1 1 0 20
counts
Homopolymer length
Number of repeat units
Microhomology length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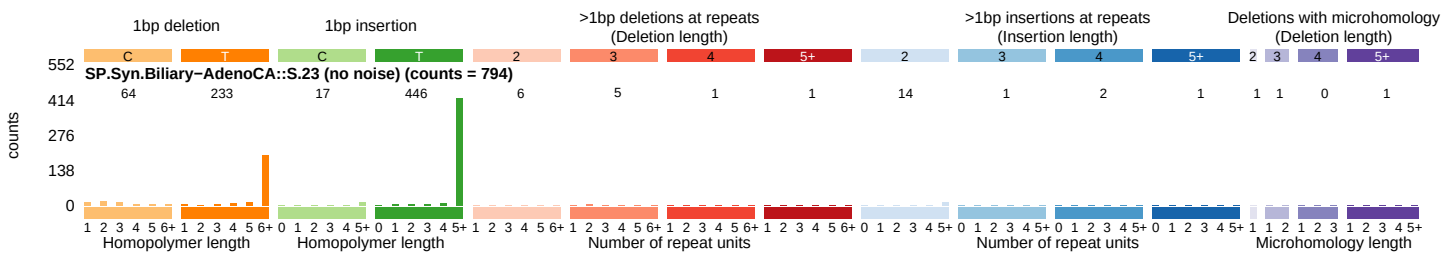
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.22 (no noise) (counts = 170)
113 20 3 28 5 0 0 0 0 0 0 0 1 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length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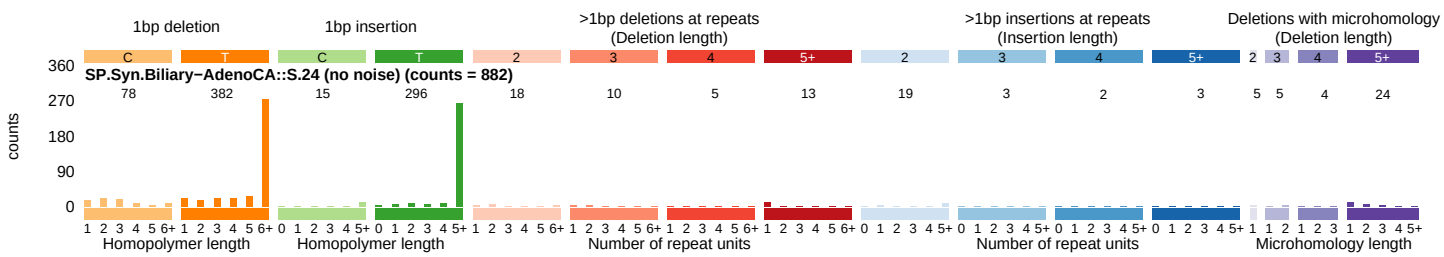
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.23 (no noise) (counts = 794)
64 233 17 446 6 5 1 1 14 1 2 1 1 1 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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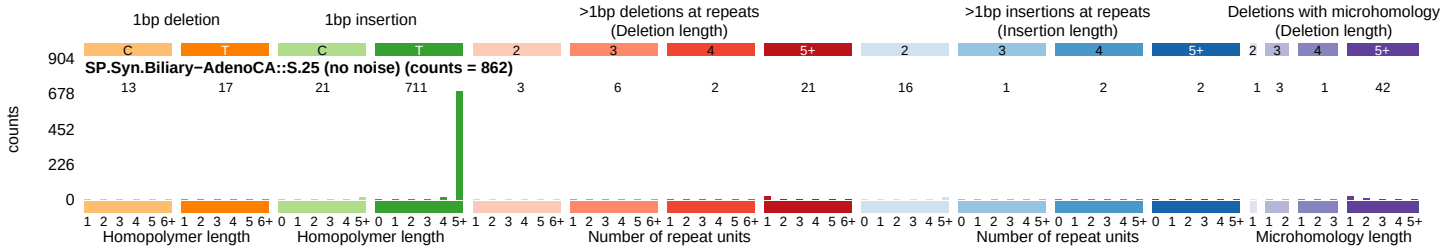
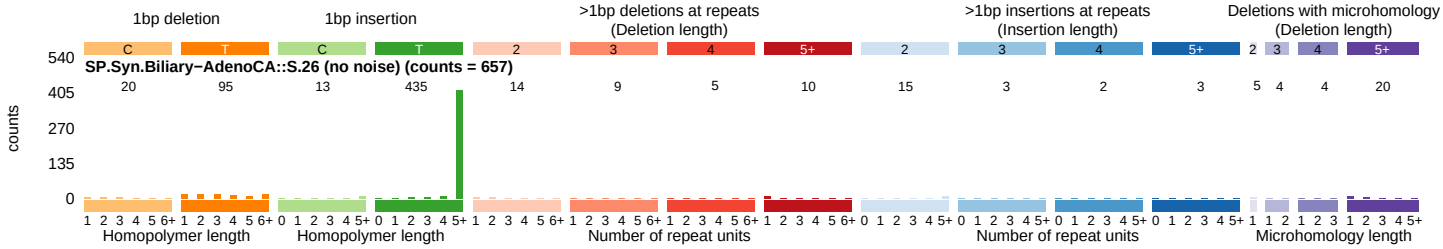
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.24 (no noise) (counts = 882)
78 382 15 296 18 10 5 13 19 3 2 3 5 5 4 24
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.25 (no noise) (counts = 862)
13 17 21 711 3 6 2 21 16 1 2 2 1 3 1 42
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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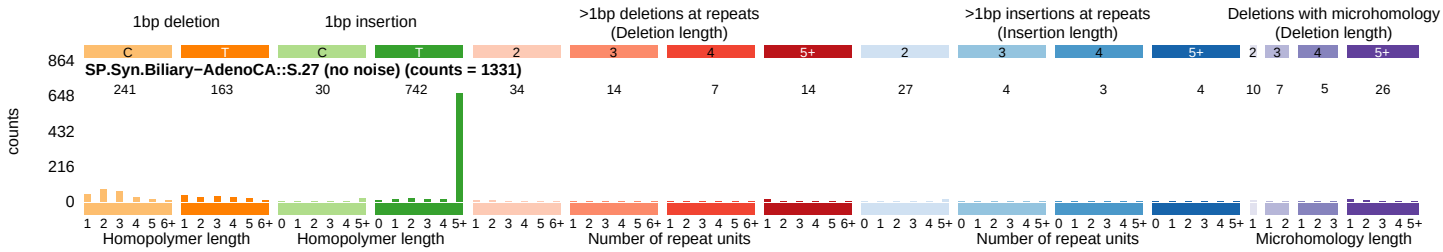
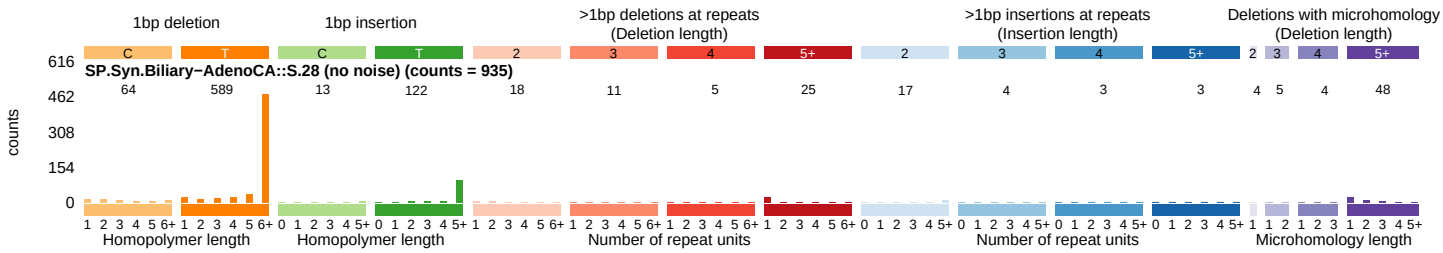
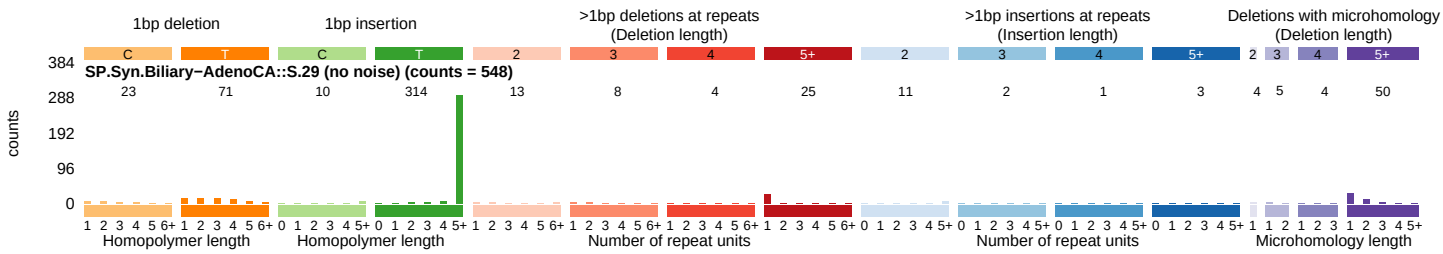
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.26 (no noise) (counts = 657)
20 95 13 435 14 9 5 10 15 3 2 3 5 4 4 20
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.27 (no noise) (counts = 1331)
241 163 30 742 34 14 7 14 27 4 3 4 10 7 5 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.Biliary−AdenoCA::S.28 (no noise) (counts = 935)
64 589 13 122 18 11 5 25 17 4 3 3 4 5 4 48
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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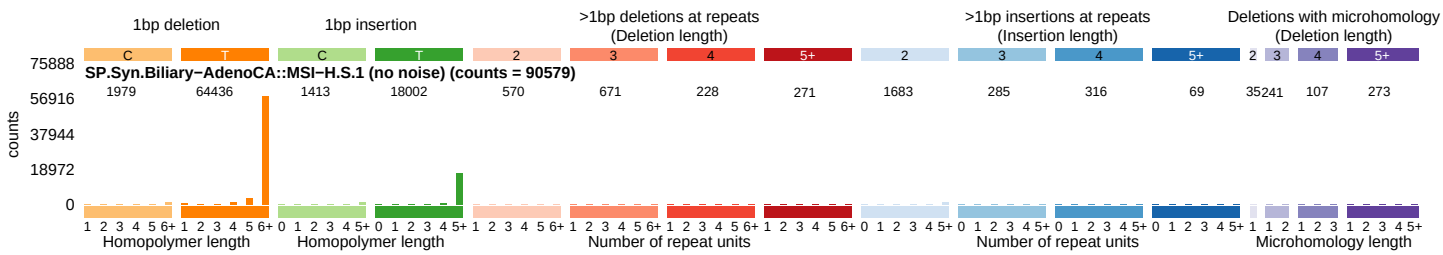
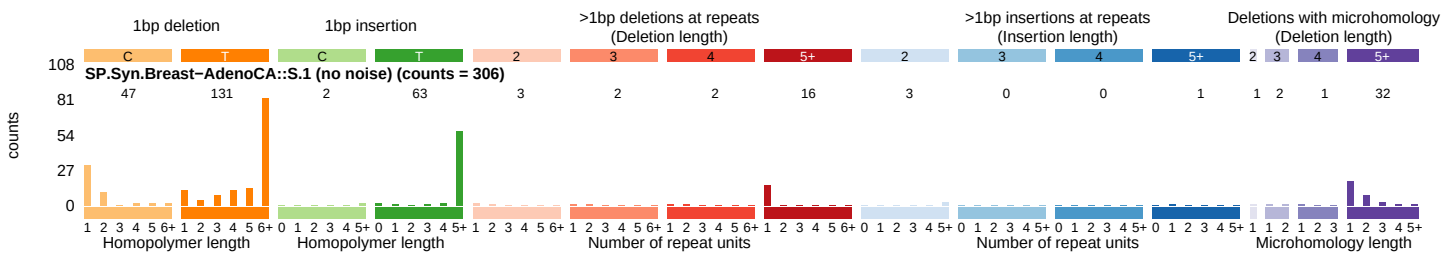
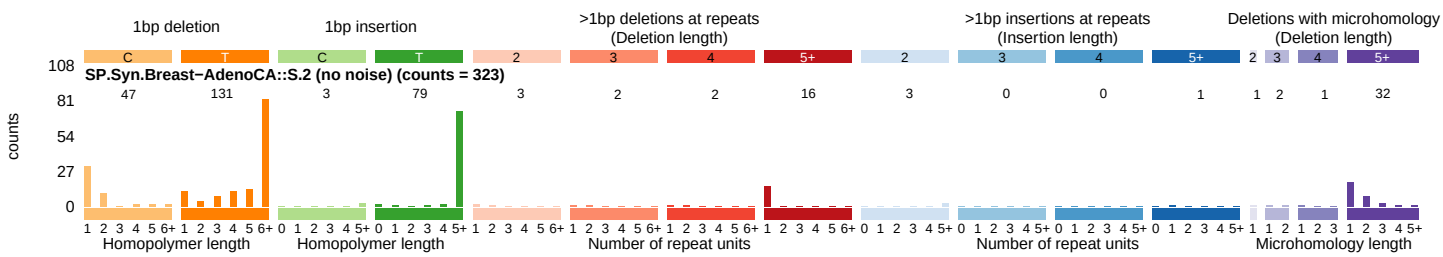
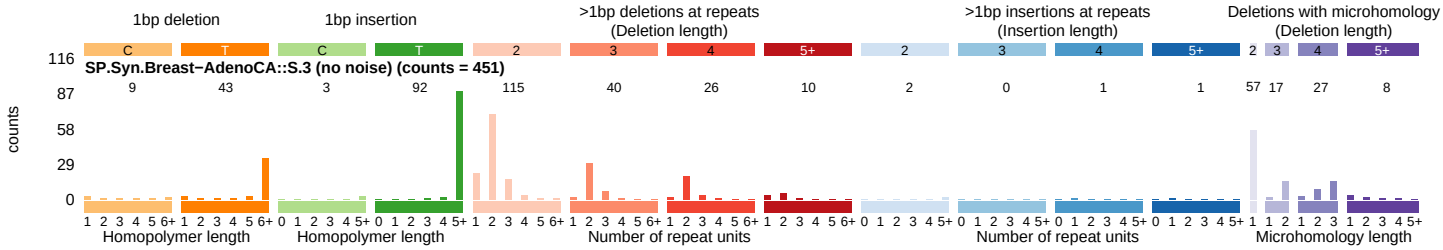
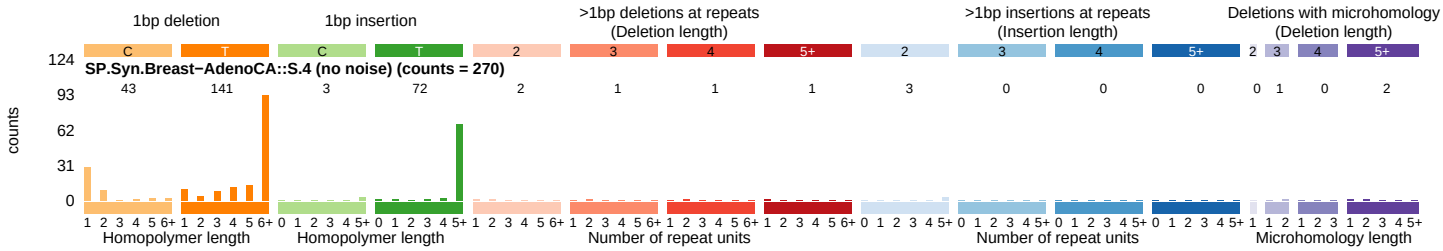
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.29 (no noise) (counts = 548)
23 71 10 314 13 8 4 25 11 2 1 3 4 5 4 50
counts
Homopolymer length
Number of repeat units
Microhomology length

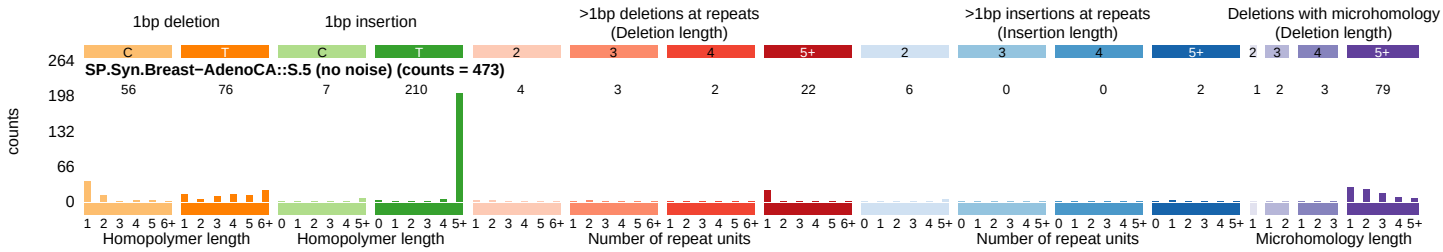

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::MSI−H.S.1 (no noise) (counts = 90579)
1979 64436 1413 18002 570 671 228 271 1683 285 316 69 35241 107 273
counts
Homopolymer length
Number of repeat units
Microhomology length

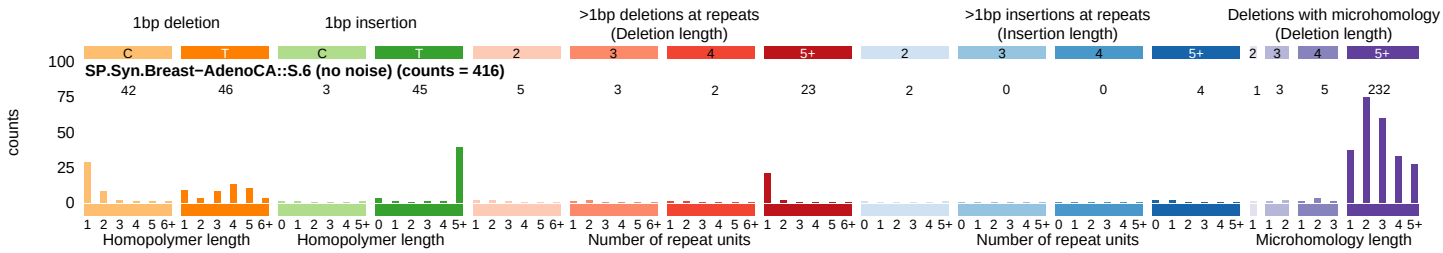

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.1 (no noise) (counts = 306)
47 131 2 63 3 2 2 16 3 0 0 1 1 2 1 32
counts
Homopolymer length
Number of repeat units
Microhomology length

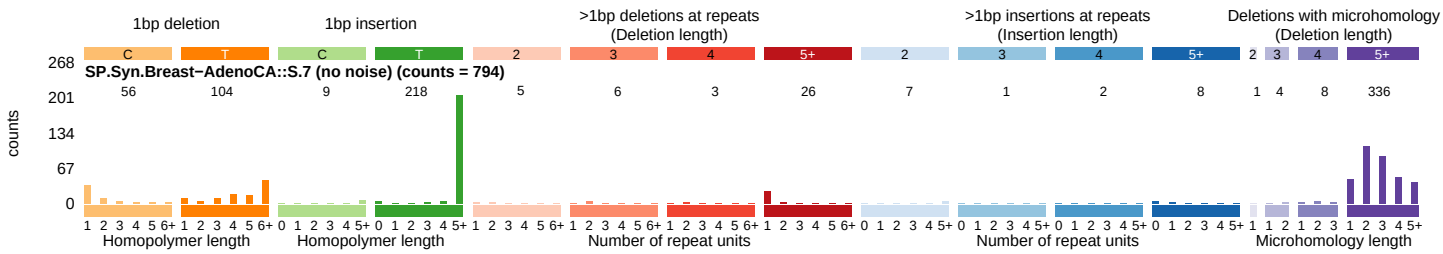

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.2 (no noise) (counts = 323)
47 131 3 79 3 2 2 16 3 0 0 1 1 2 1 32
counts
Homopolymer length
Number of repeat units
Microhomology length

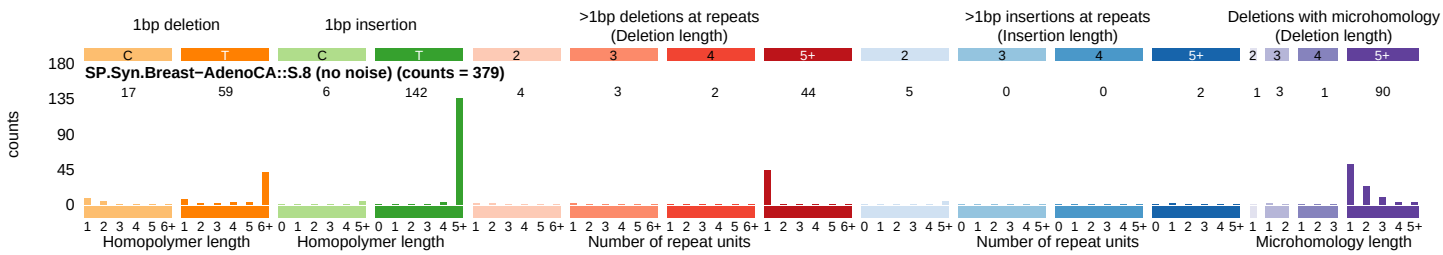

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.3 (no noise) (counts = 451)
counts
Homopolymer length
Number of repeat units
Microhomology length

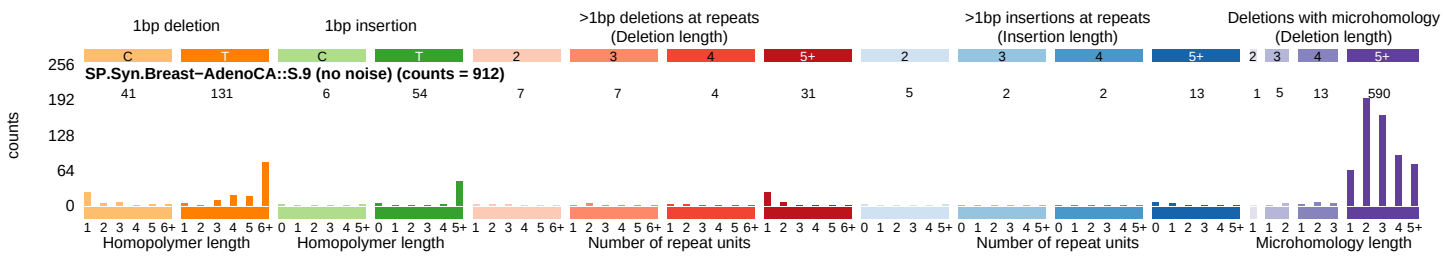

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.4 (no noise) (counts = 270)
counts
Homopolymer length
Number of repeat units
Microhomology length

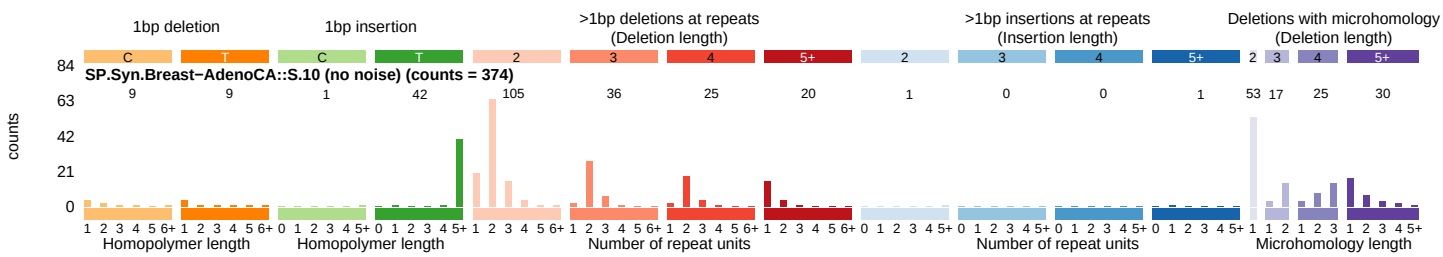

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.5 (no noise) (counts = 473)
counts
Homopolymer length
Number of repeat units
Microhomology length

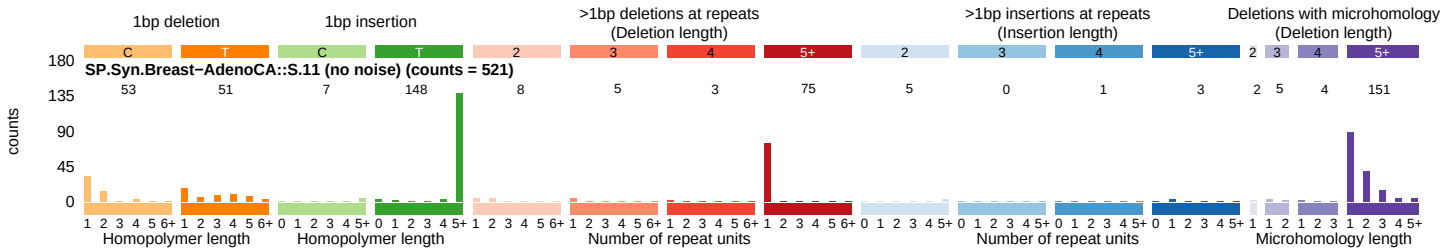

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.6 (no noise) (counts = 416)
counts
Homopolymer length
Number of repeat units
Microhomology length

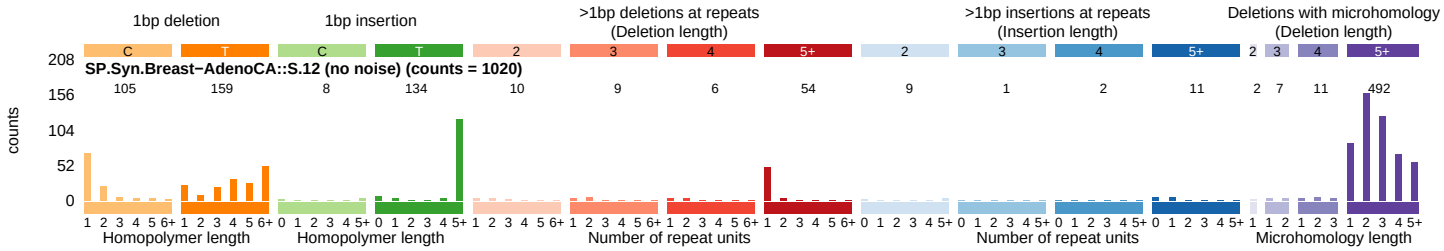

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.7 (no noise) (counts = 794)
counts
Homopolymer length
Number of repeat units
Microhomology length

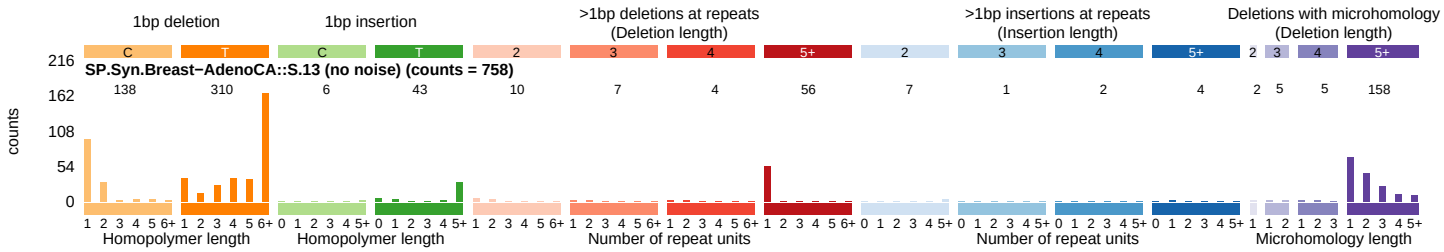

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.8 (no noise) (counts = 379)
counts
Homopolymer length
Number of repeat units
Microhomology length

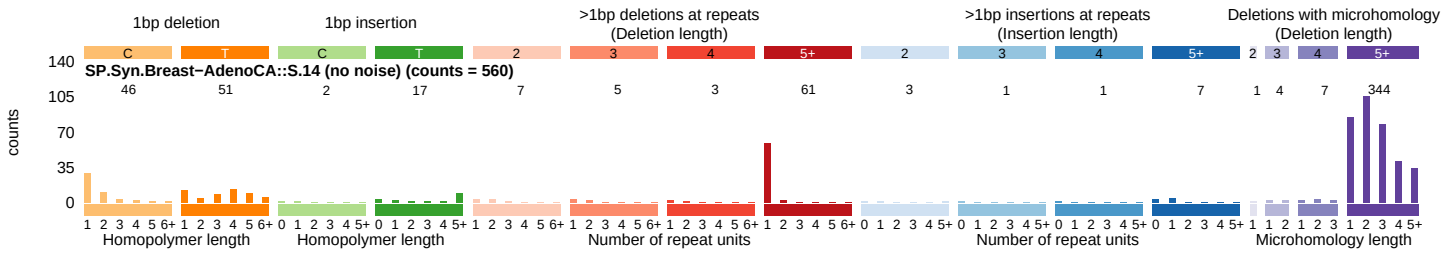

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.9 (no noise) (counts = 912)
counts
Homopolymer length
Number of repeat units
Microhomology length

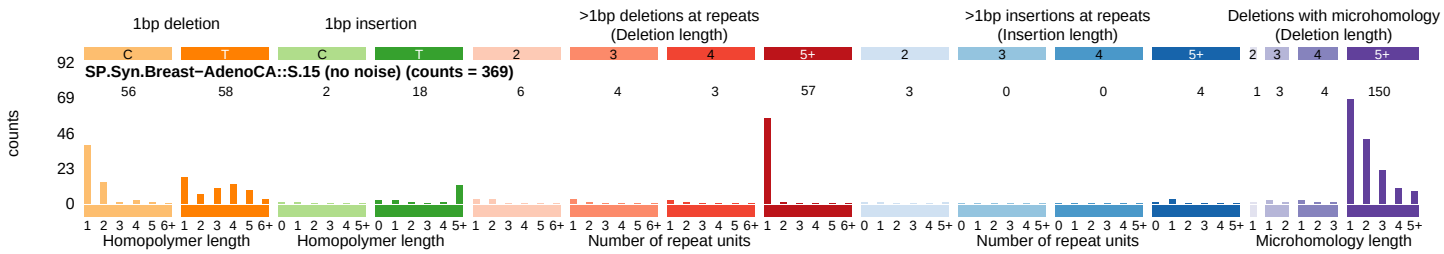

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.10 (no noise) (counts = 374)
counts
Homopolymer length
Number of repeat units
Microhomology length

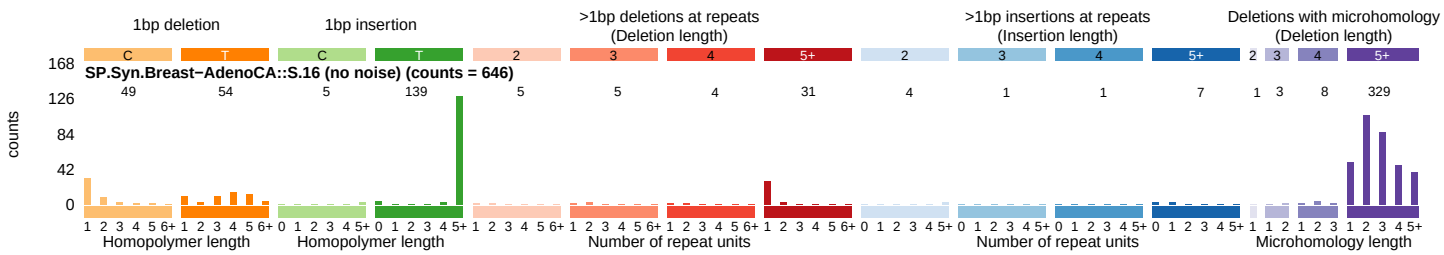

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.11 (no noise) (counts = 521)
53 51 7 148 8 5 3 75 5 0 1 3 2 5 4 151
counts
180 135 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

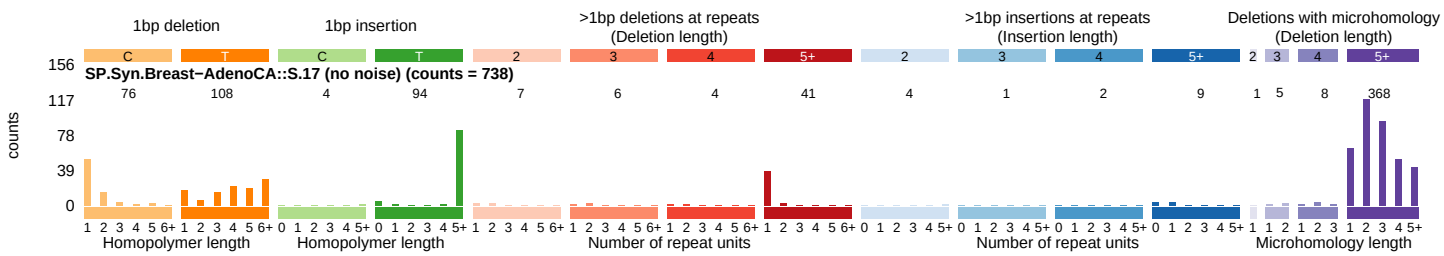

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.12 (no noise) (counts = 1020)
105 159 8 134 10 9 6 54 9 1 2 11 2 7 11 492
counts
208 156 104 52 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

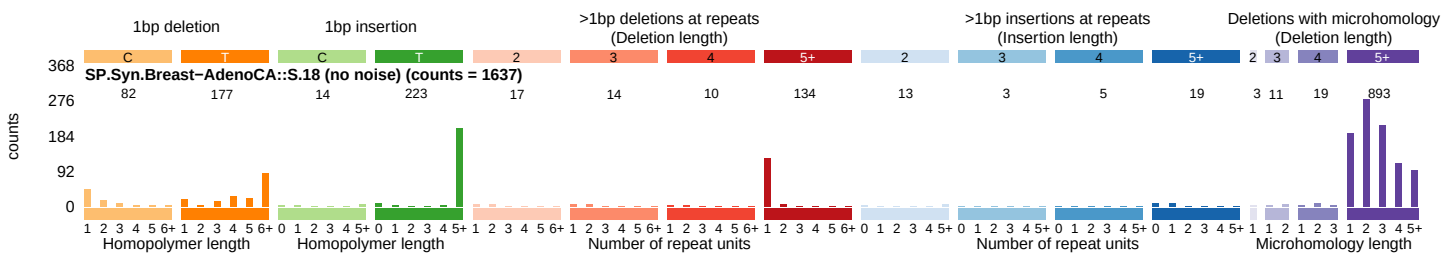

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.13 (no noise) (counts = 758)
138 310 6 43 10 7 4 56 7 1 2 4 2 5 5 158
counts
216 162 108 54 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

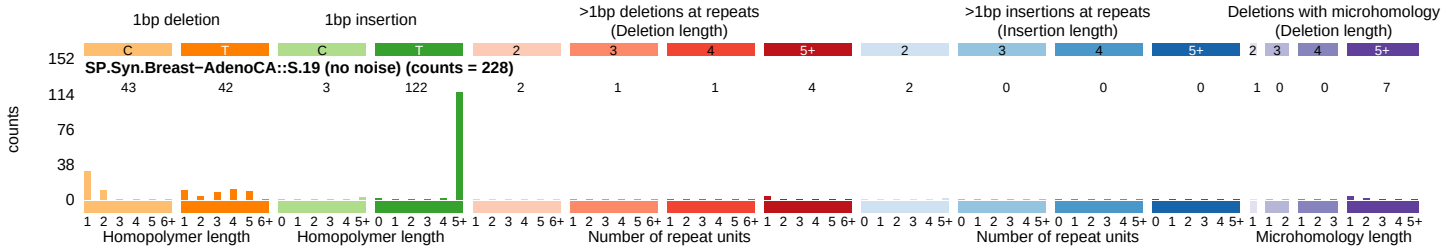

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.14 (no noise) (counts = 560)
46 51 2 17 7 5 3 61 3 1 1 7 1 4 7 344
counts
140 105 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

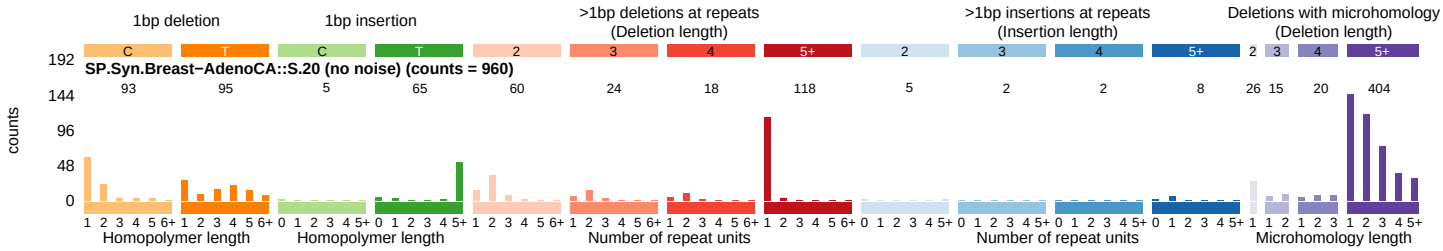

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.15 (no noise) (counts = 369)
56 58 2 18 6 4 3 57 3 0 0 4 1 3 4 150
counts
92 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

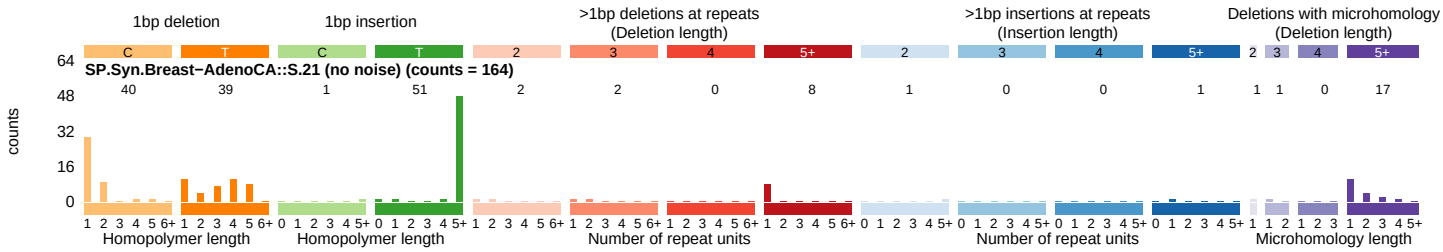

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.16 (no noise) (counts = 646)
49 54 5 139 5 5 4 31 4 1 1 7 1 3 8 329
counts
168 126 84 42 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

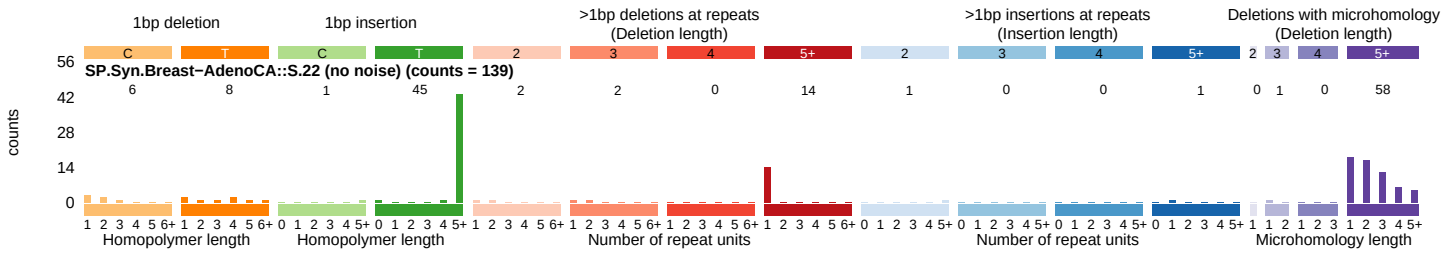

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.17 (no noise) (counts = 738)
76 108 4 94 7 6 4 41 4 1 2 9 1 5 8 368
counts
156 117 78 39 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

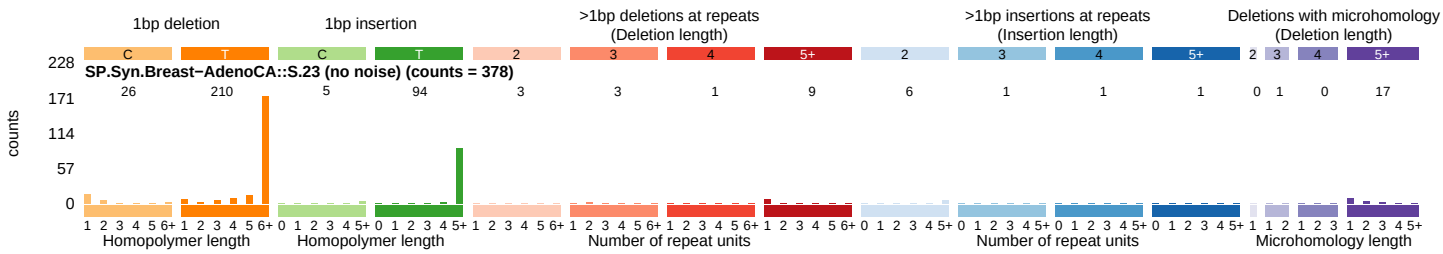

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.18 (no noise) (counts = 1637)
82 177 14 223 17 14 10 134 13 3 5 19 3 11 19 893
counts
368 276 184 92 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

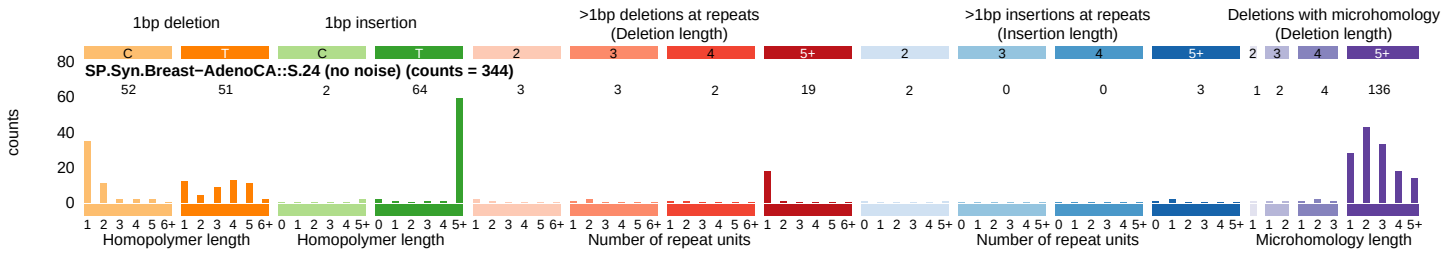

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.19 (no noise) (counts = 228)
43 42 3 122 2 1 1 4 2 0 0 0 1 0 0 7
counts
152 114 76 38 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

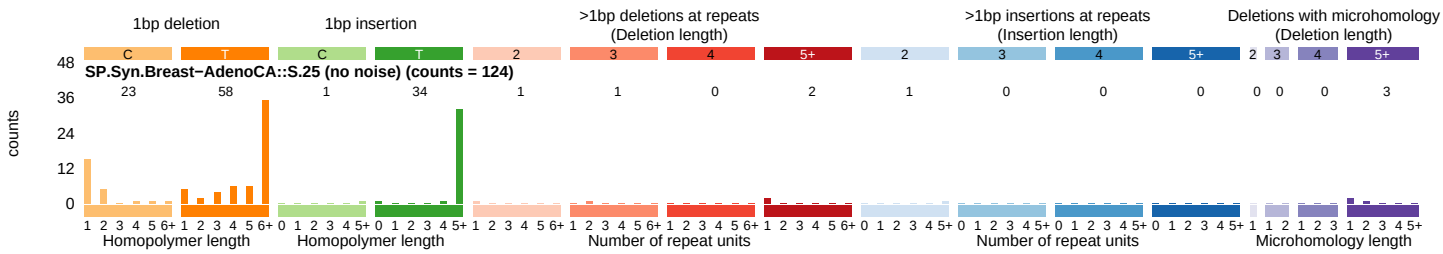

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.20 (no noise) (counts = 960)
93 95 5 65 60 24 18 118 5 2 2 8 26 15 20 404
counts
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

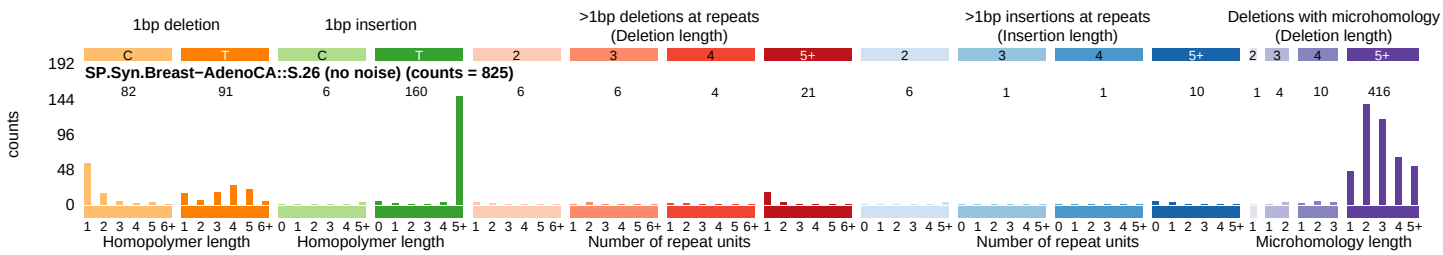

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.21 (no noise) (counts = 164)
40 39 1 51 2 2 0 8 1 0 0 1 1 1 0 17
counts
64 48 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

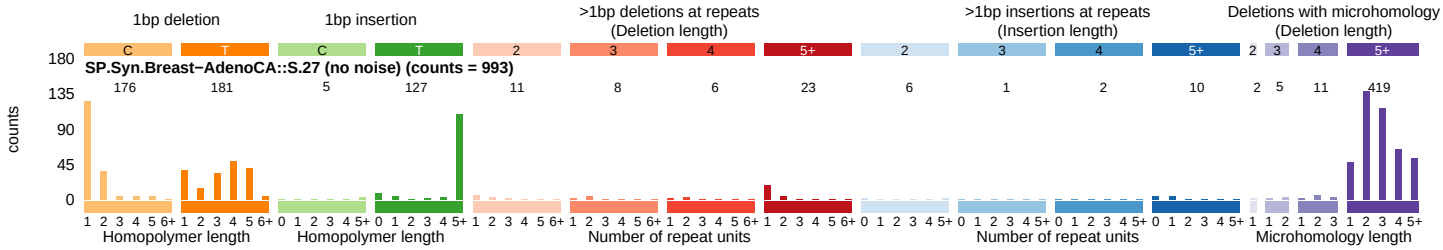

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.22 (no noise) (counts = 139)
6 8 1 45 2 2 0 14 1 0 0 1 0 1 0 58
counts
56 42 28 14 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

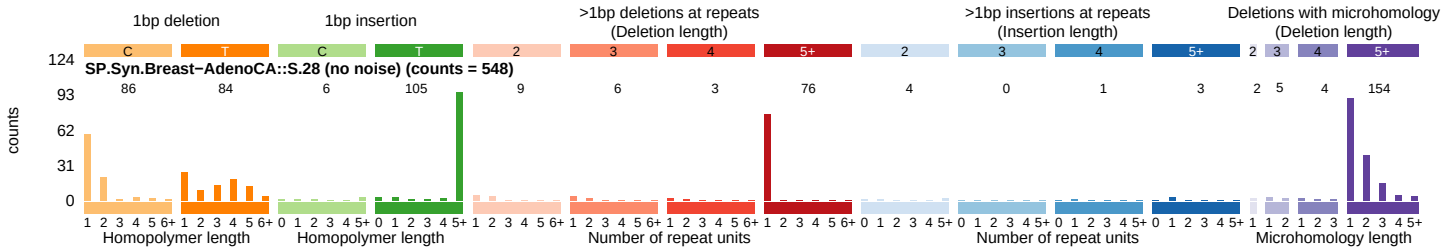

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.23 (no noise) (counts = 378)
26 210 5 94 3 3 1 9 6 1 1 1 0 1 0 17
counts
228 171 114 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

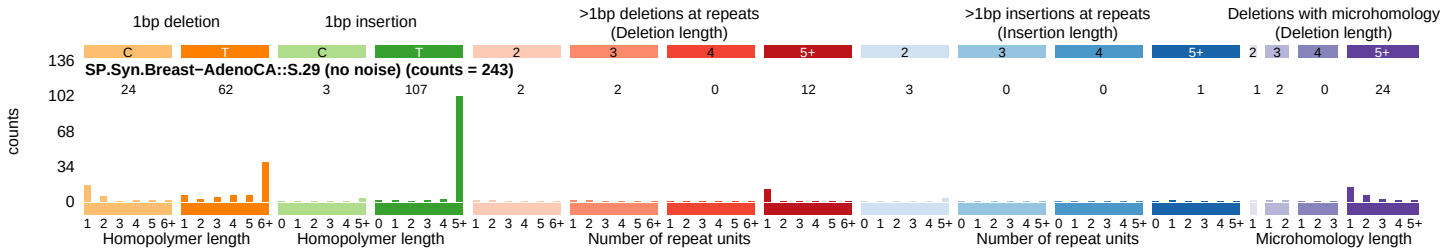

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.24 (no noise) (counts = 344)
52 51 2 64 3 3 2 19 2 0 0 3 1 2 4 136
counts
80 60 40 20 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

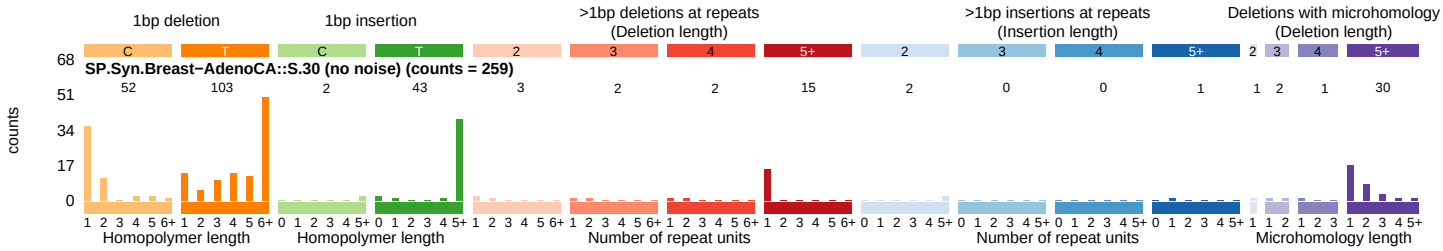

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.25 (no noise) (counts = 124)
23 58 1 34 1 1 0 2 1 0 0 0 0 0 0 3
counts
48 36 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

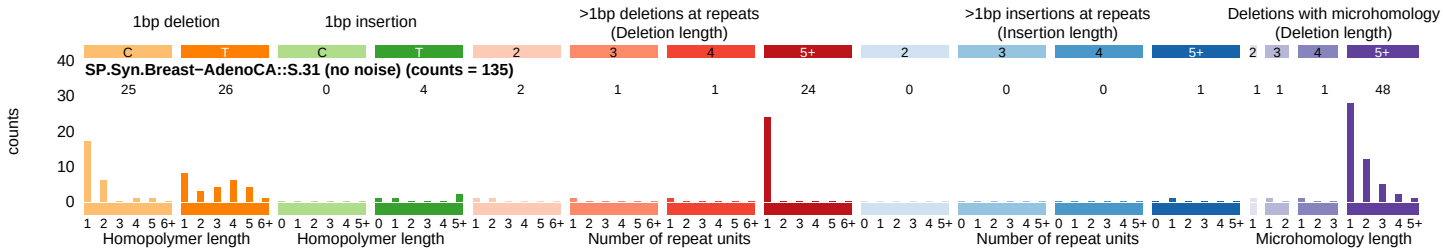

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.26 (no noise) (counts = 825)
82 91 6 160 6 6 4 21 6 1 1 10 1 4 10 416
counts
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

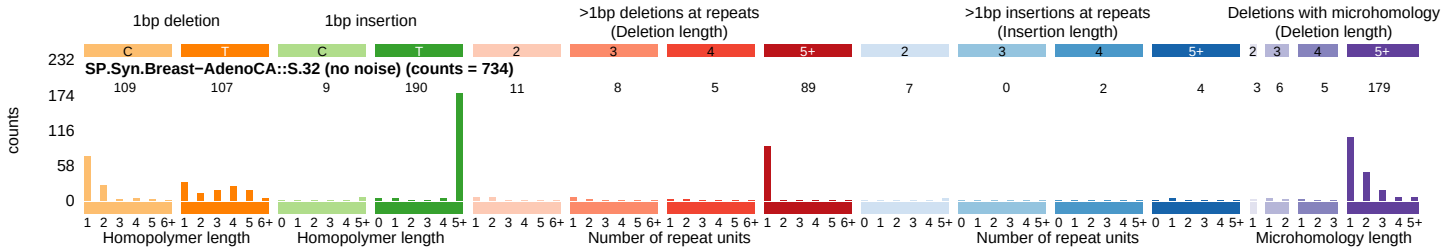

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.27 (no noise) (counts = 993)
counts
Homopolymer length
Number of repeat units
Microhomology length

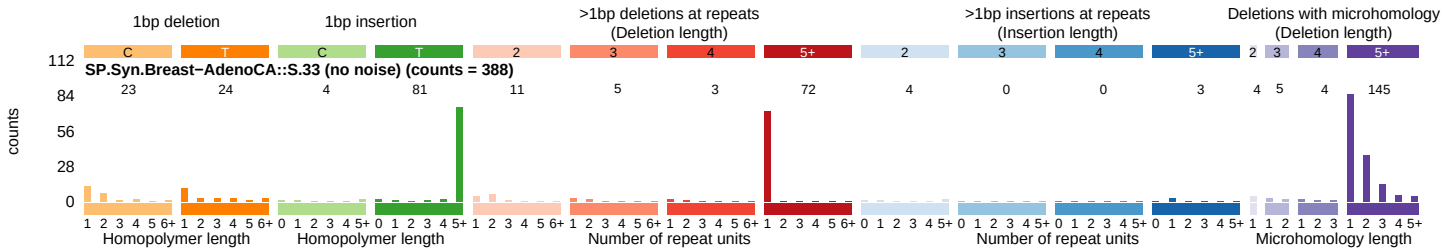

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.28 (no noise) (counts = 548)
counts
Homopolymer length
Number of repeat units
Microhomology length

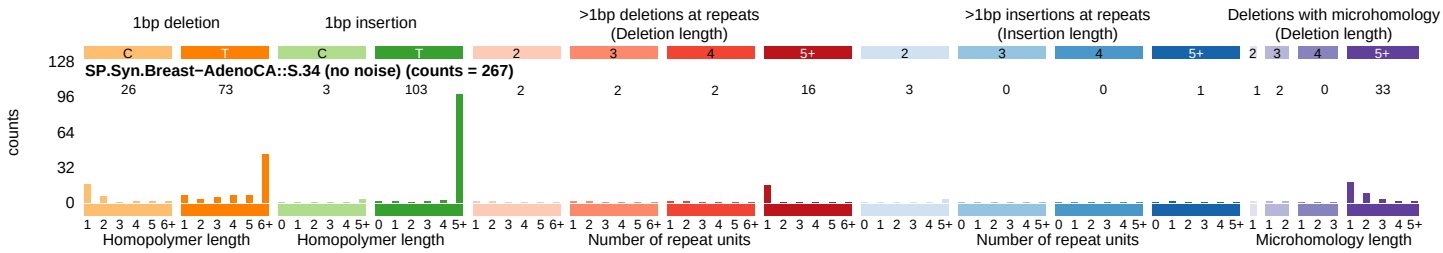

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.29 (no noise) (counts = 243)
counts
Homopolymer length
Number of repeat units
Microhomology length

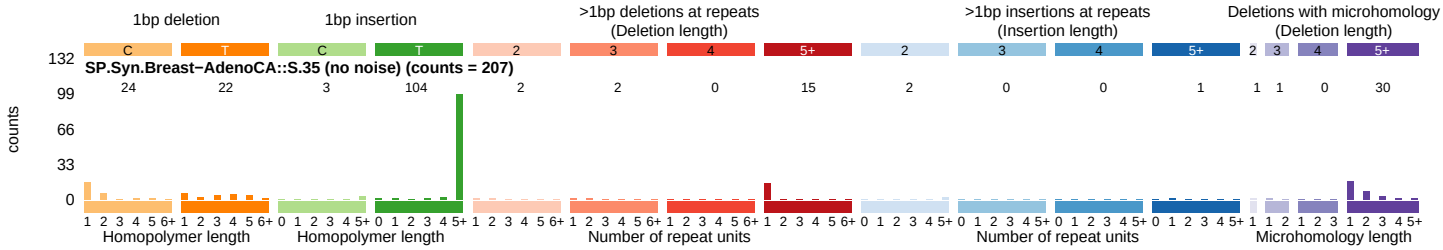

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.30 (no noise) (counts = 259)
counts
Homopolymer length
Number of repeat units
Microhomology length

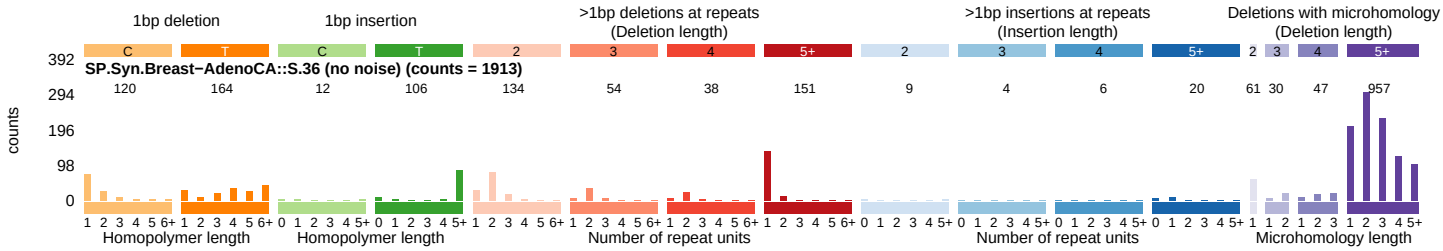

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.31 (no noise) (counts = 135)
counts
Homopolymer length
Number of repeat units
Microhomology length

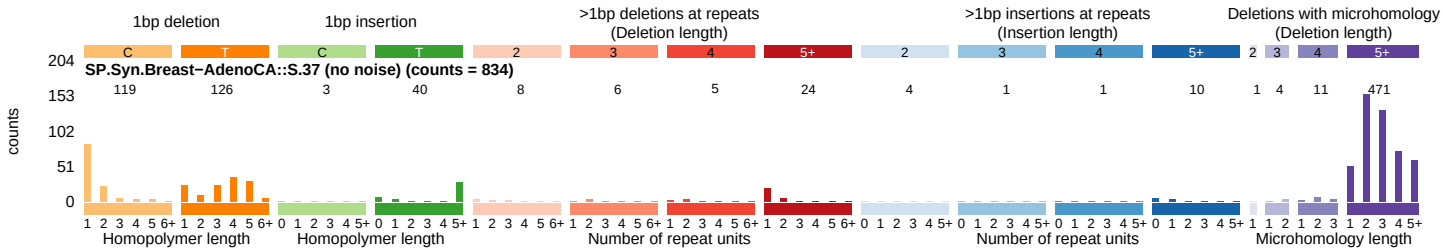

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.32 (no noise) (counts = 734)
counts
Homopolymer length
Number of repeat units
Microhomology length

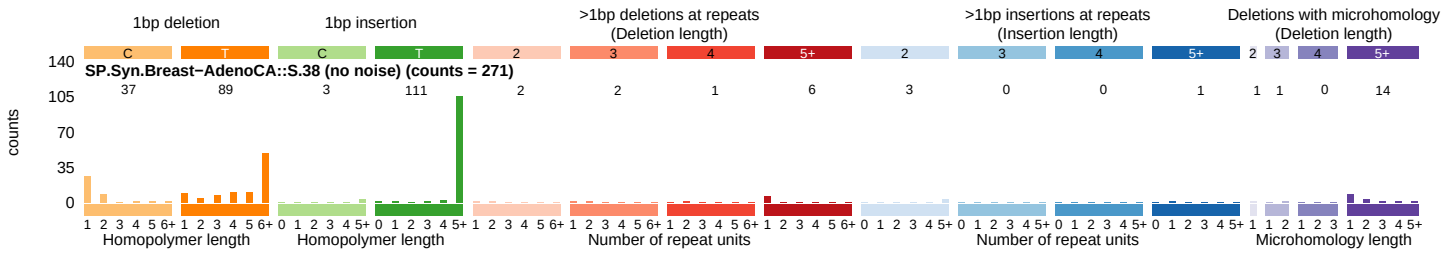

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.33 (no noise) (counts = 388)
counts
Homopolymer length
Number of repeat units
Microhomology length

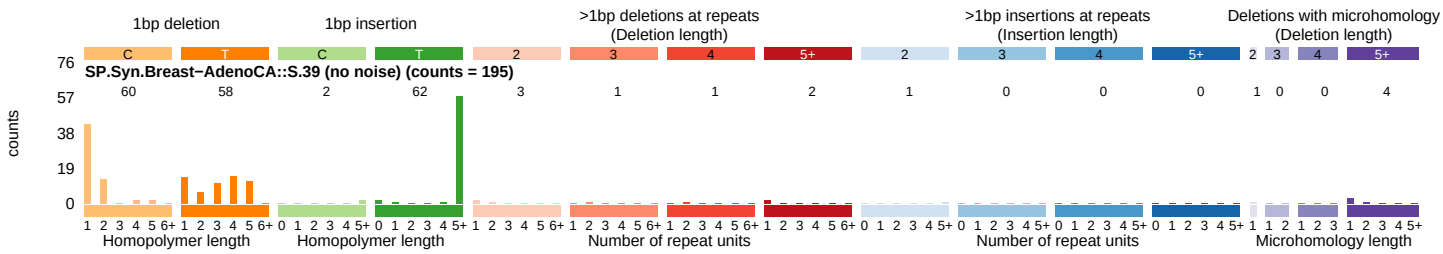

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.34 (no noise) (counts = 267)
counts
Homopolymer length
Number of repeat units
Microhomology length

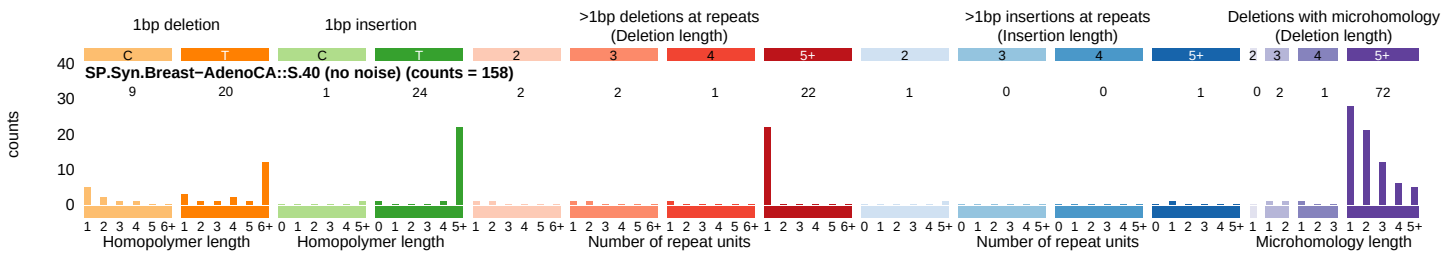

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.35 (no noise) (counts = 207)
24 22 3 104 2 2 0 15 2 0 0 1 1 1 0 30
counts
Homopolymer length
Number of repeat units
Microhomology length

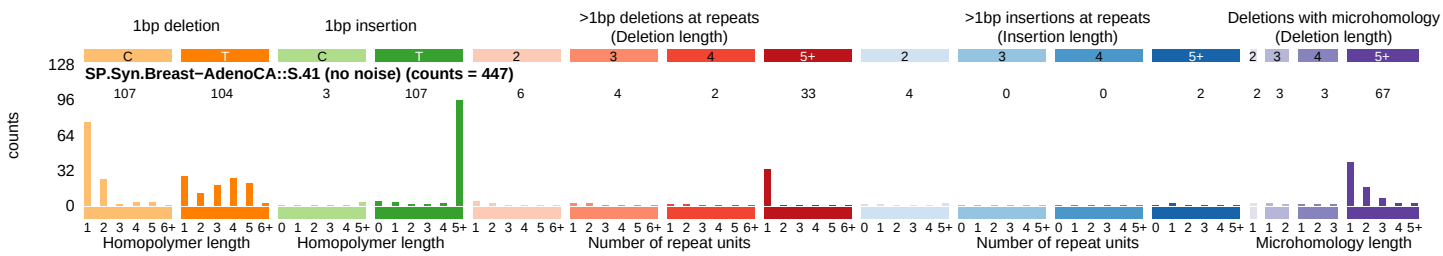

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.36 (no noise) (counts = 1913)
120 164 12 106 134 54 38 151 9 4 6 20 61 30 47 957
counts
Homopolymer length
Number of repeat units
Microhomology length

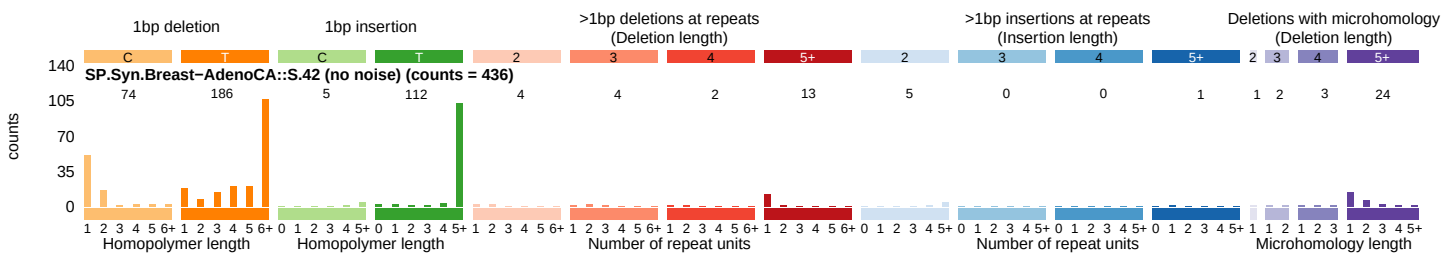

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.37 (no noise) (counts = 834)
119 126 3 40 8 6 5 24 4 1 1 10 1 4 11 471
counts
Homopolymer length
Number of repeat units
Microhomology length

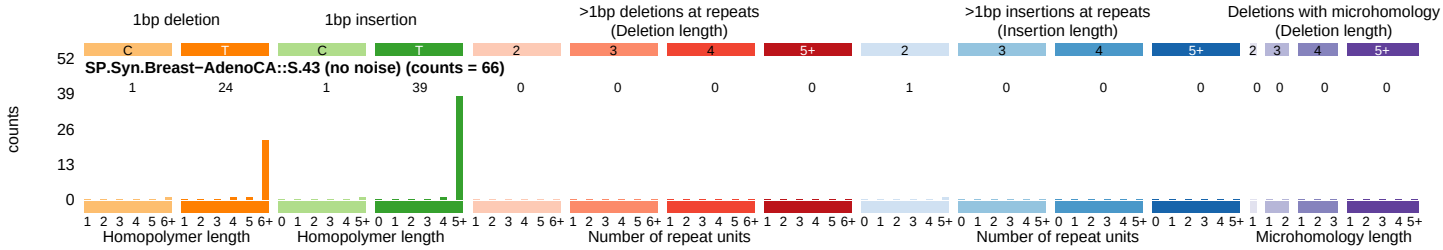

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.38 (no noise) (counts = 271)
37 89 3 111 2 2 1 6 3 0 0 1 1 1 0 14
counts
Homopolymer length
Number of repeat units
Microhomology length

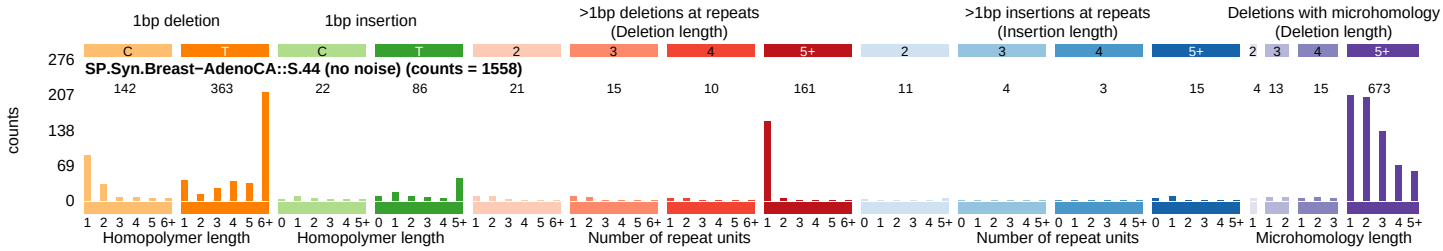

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.39 (no noise) (counts = 195)
60 58 2 62 3 1 1 2 1 0 0 0 1 0 0 4
counts
Homopolymer length
Number of repeat units
Microhomology length

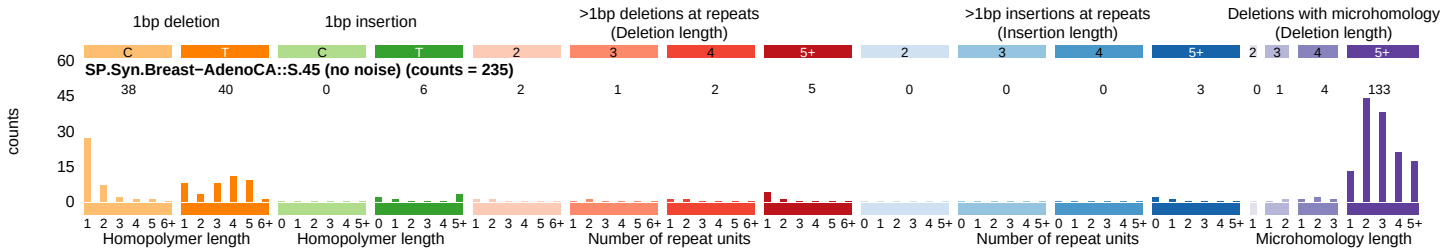

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.40 (no noise) (counts = 158)
9 20 1 24 2 2 1 22 1 0 0 1 0 2 1 72
counts
Homopolymer length
Number of repeat units
Microhomology length

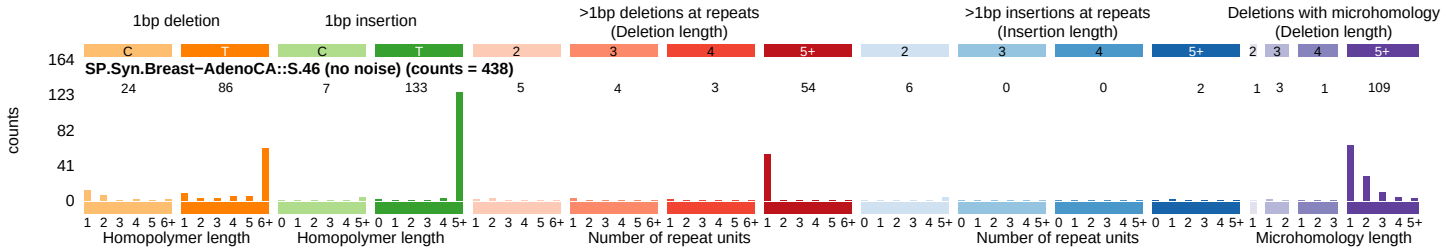

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.41 (no noise) (counts = 447)
107 104 3 107 6 4 2 33 4 0 0 2 2 3 3 67
counts
Homopolymer length
Number of repeat units
Microhomology length

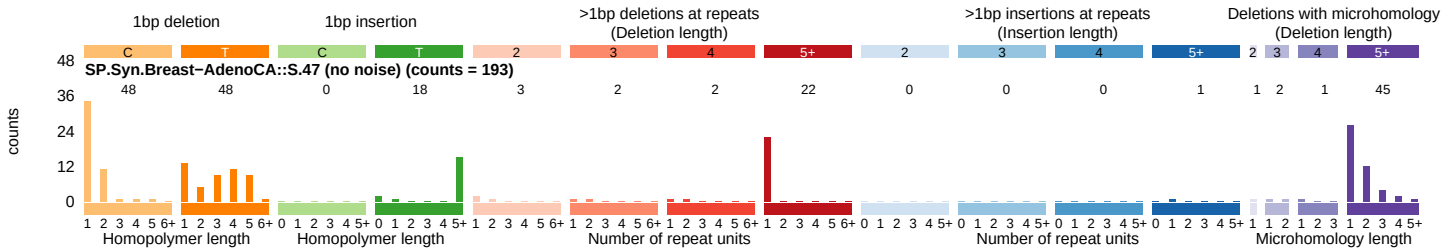

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.42 (no noise) (counts = 436)
74 186 5 112 4 4 2 13 5 0 0 1 1 2 3 24
counts
Homopolymer length
Number of repeat units
Microhomology length

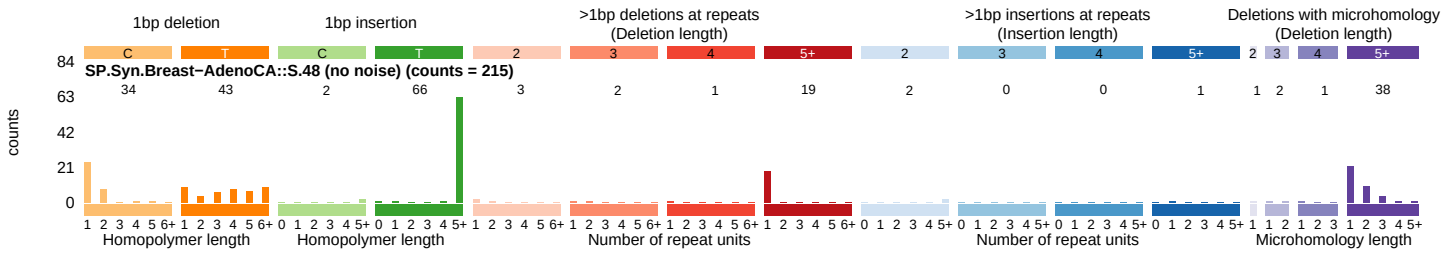

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.43 (no noise) (counts = 66)
counts
Homopolymer length
Number of repeat units
Microhomology length

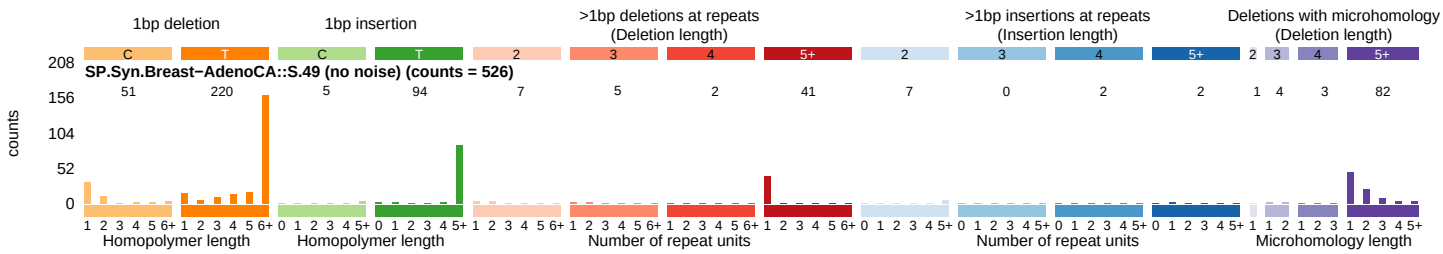

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.44 (no noise) (counts = 1558)
counts
Homopolymer length
Number of repeat units
Microhomology length

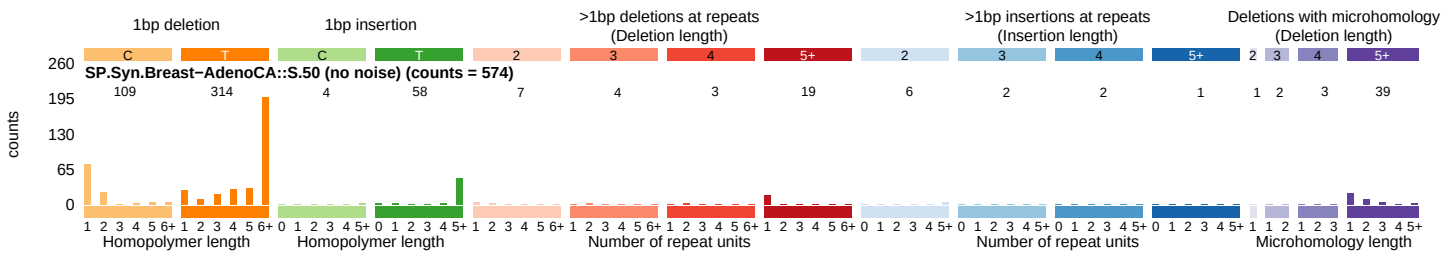

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.45 (no noise) (counts = 235)
counts
Homopolymer length
Number of repeat units
Microhomology length

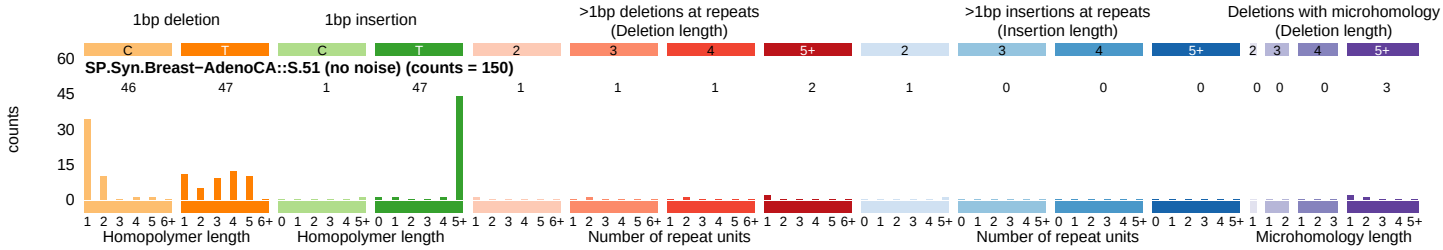

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.46 (no noise) (counts = 438)
counts
Homopolymer length
Number of repeat units
Microhomology length

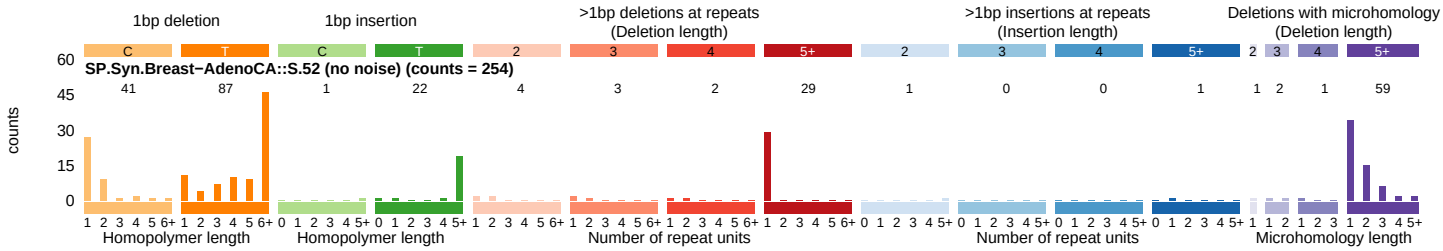

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.47 (no noise) (counts = 193)
counts
Homopolymer length
Number of repeat units
Microhomology length

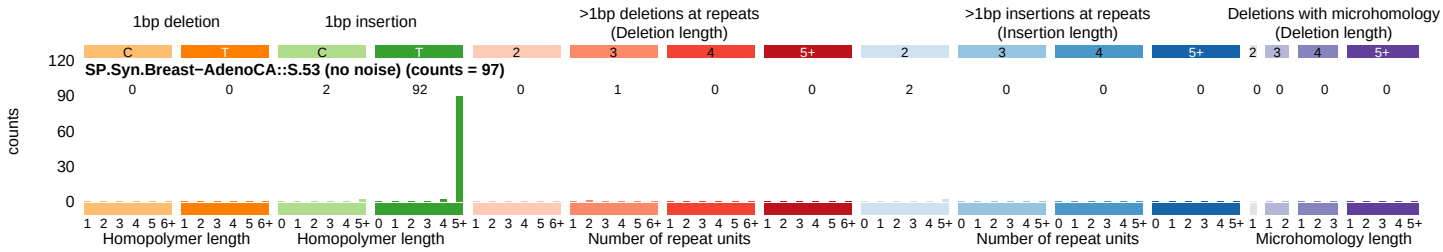

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.48 (no noise) (counts = 215)
counts
Homopolymer length
Number of repeat units
Microhomology length

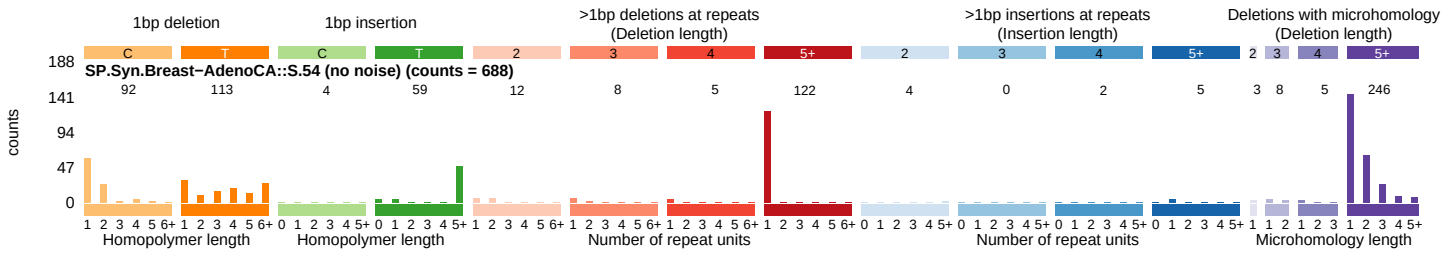

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.49 (no noise) (counts = 526)
counts
Homopolymer length
Number of repeat units
Microhomology length

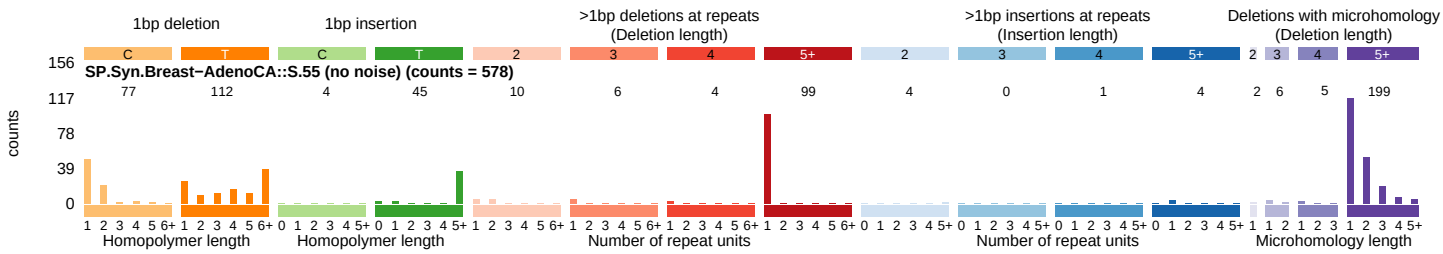

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.50 (no noise) (counts = 574)
counts
Homopolymer length
Number of repeat units
Microhomology length

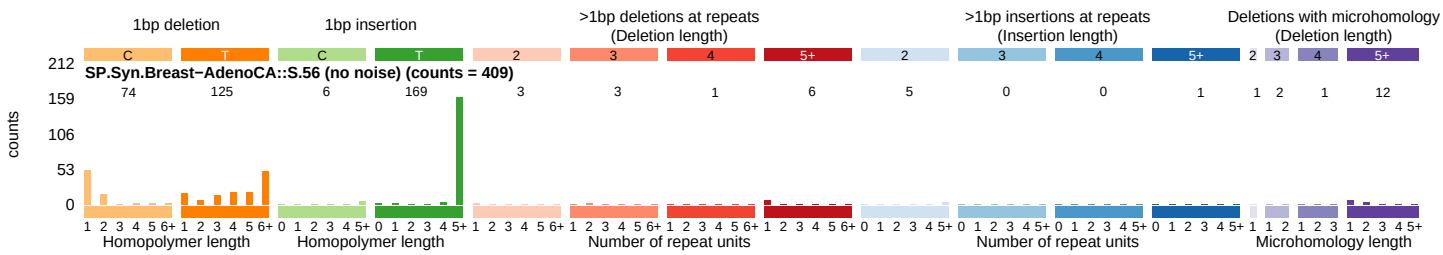

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.51 (no noise) (counts = 150)
counts
Homopolymer length
Number of repeat units
Microhomology length

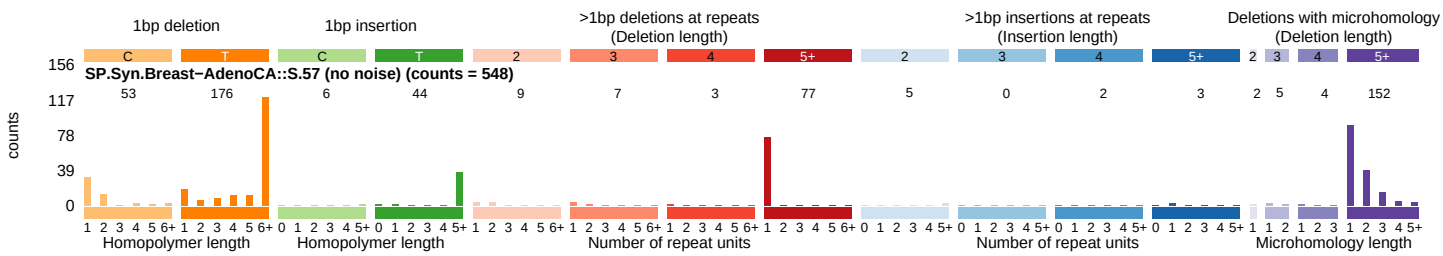

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.52 (no noise) (counts = 254)
counts
Homopolymer length
Number of repeat units
Microhomology length

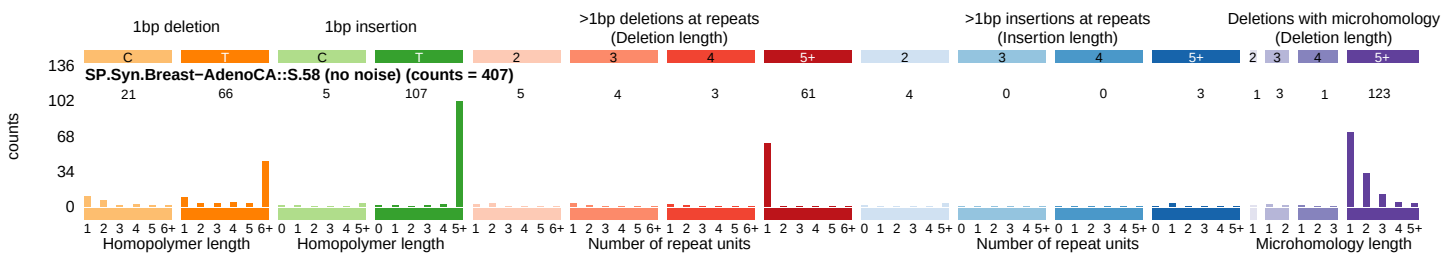

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.53 (no noise) (counts = 97)
counts
Homopolymer length
Number of repeat units
Microhomology length

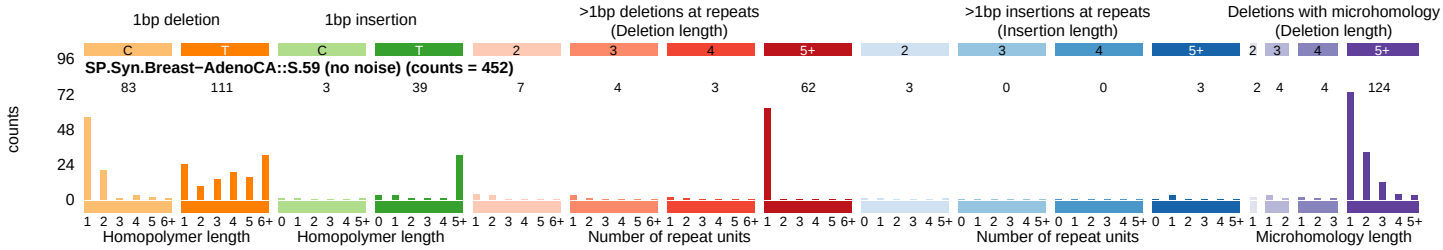

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.54 (no noise) (counts = 688)
counts
Homopolymer length
Number of repeat units
Microhomology length

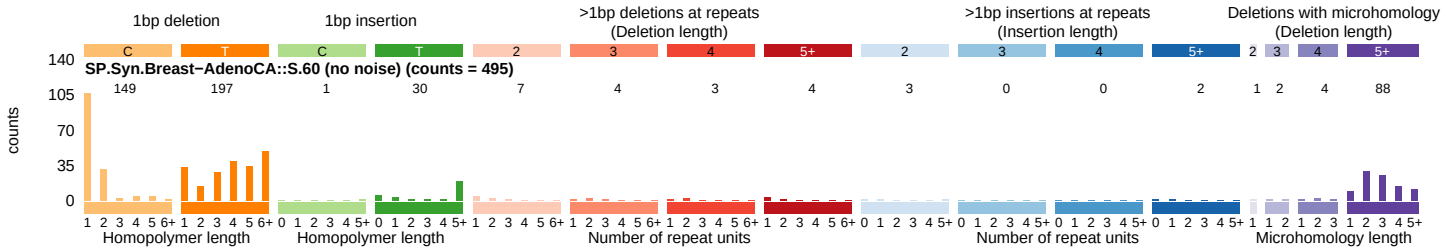

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.55 (no noise) (counts = 578)
counts
Homopolymer length
Number of repeat units
Microhomology length

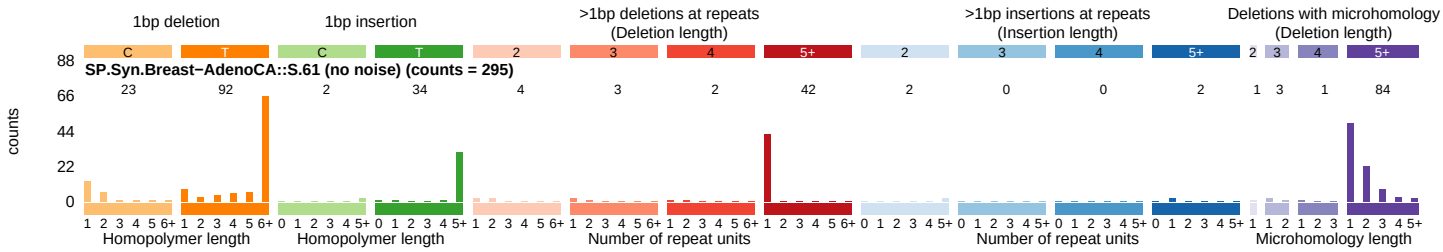

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.56 (no noise) (counts = 409)
counts
Homopolymer length
Number of repeat units
Microhomology length

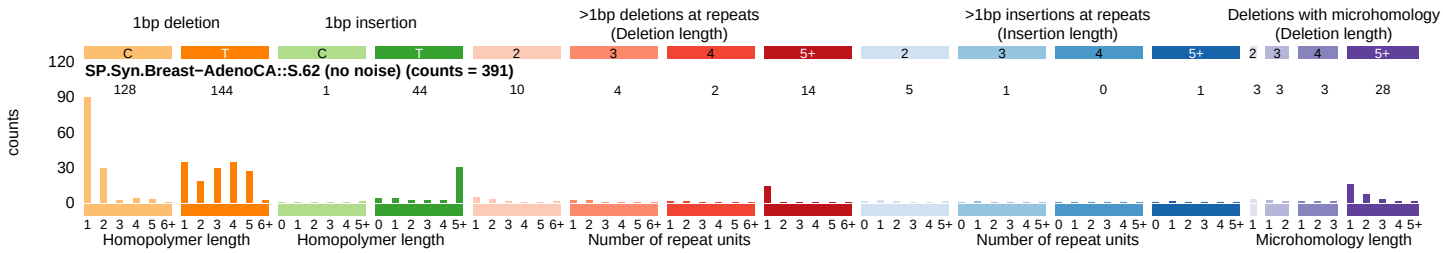

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.57 (no noise) (counts = 548)
counts
Homopolymer length
Number of repeat units
Microhomology length

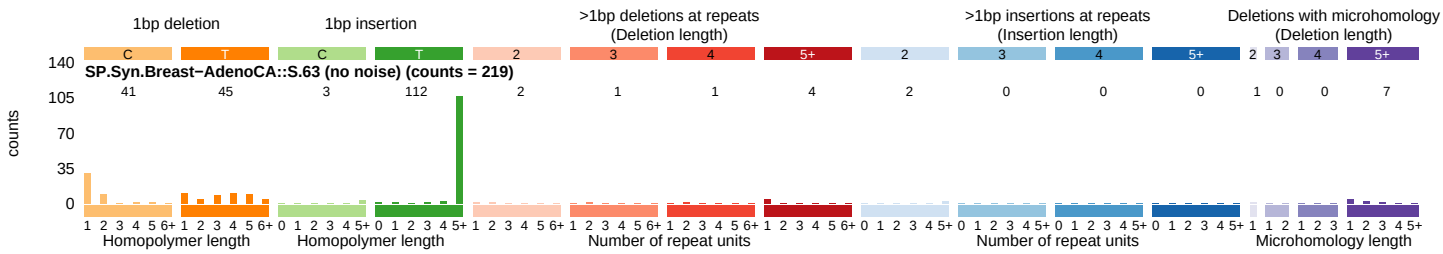

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.58 (no noise) (counts = 407)
counts
Homopolymer length
Number of repeat units
Microhomology length

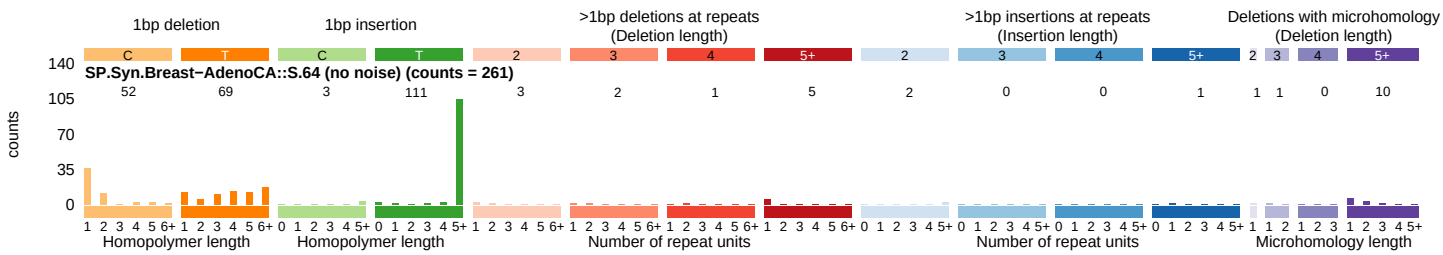

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.59 (no noise) (counts = 452)
83 111 3 39 7 4 3 62 3 0 0 3 2 4 4 124
counts
Homopolymer length
Number of repeat units
Microhomology length

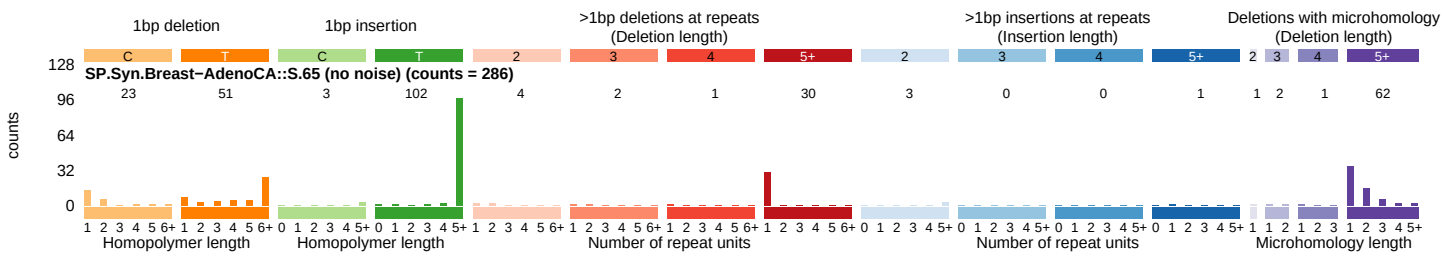

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.60 (no noise) (counts = 495)
149 197 1 30 7 4 3 4 3 0 0 2 1 2 4 88
counts
Homopolymer length
Number of repeat units
Microhomology length

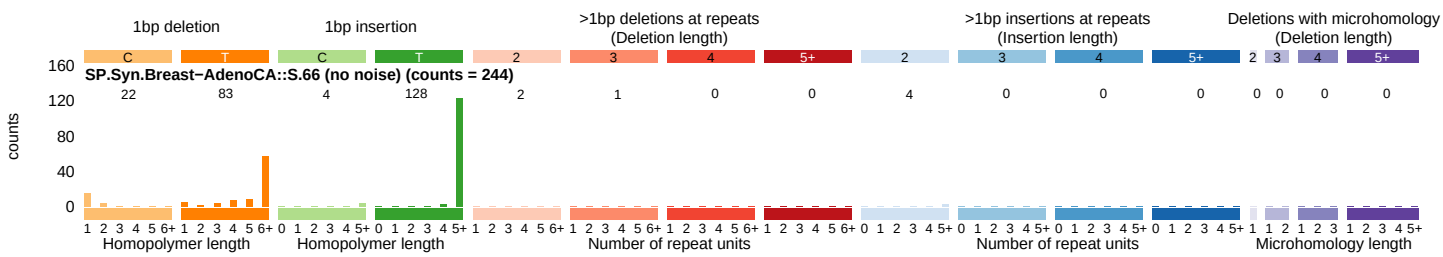

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.61 (no noise) (counts = 295)
23 92 2 34 4 3 2 42 2 0 0 2 1 3 1 84
counts
Homopolymer length
Number of repeat units
Microhomology length

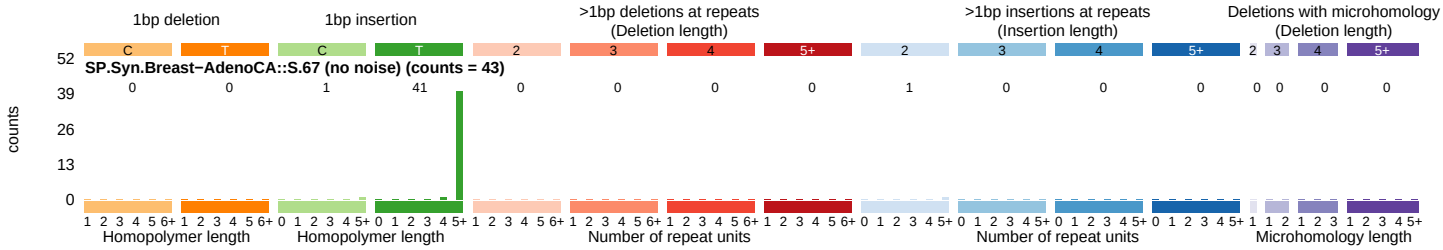

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.62 (no noise) (counts = 391)
128 144 1 44 10 4 2 14 5 1 0 1 3 3 3 28
counts
Homopolymer length
Number of repeat units
Microhomology length

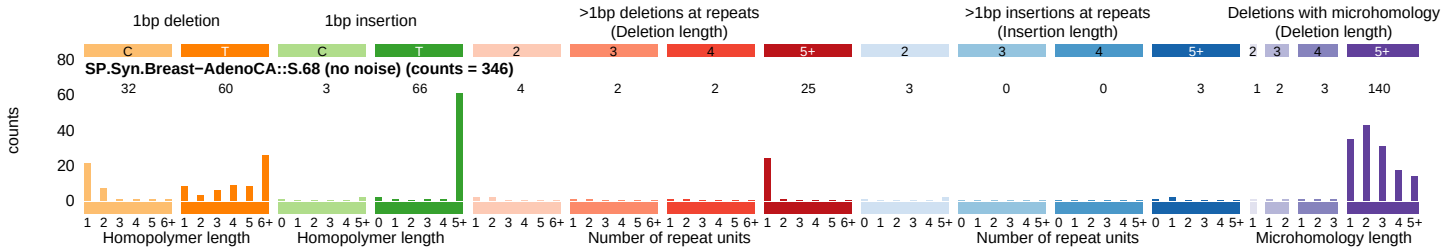

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.63 (no noise) (counts = 219)
41 45 3 112 2 1 1 4 2 0 0 0 1 0 0 7
counts
Homopolymer length
Number of repeat units
Microhomology length

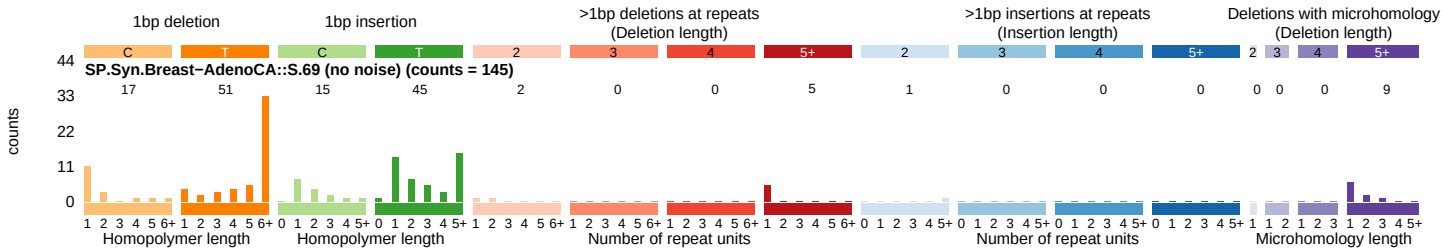

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.64 (no noise) (counts = 261)
52 69 3 111 3 2 1 5 2 0 0 1 1 1 0 10
counts
Homopolymer length
Number of repeat units
Microhomology length

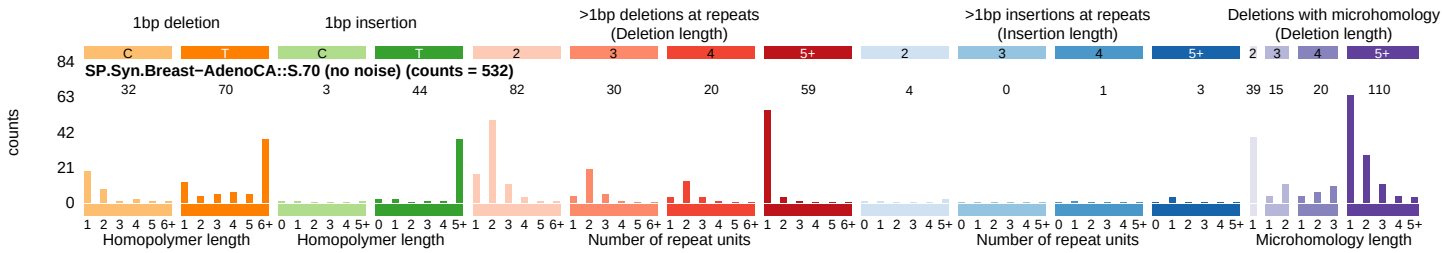

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.65 (no noise) (counts = 286)
23 51 3 102 4 2 1 30 3 0 0 1 1 2 1 62
counts
Homopolymer length
Number of repeat units
Microhomology length

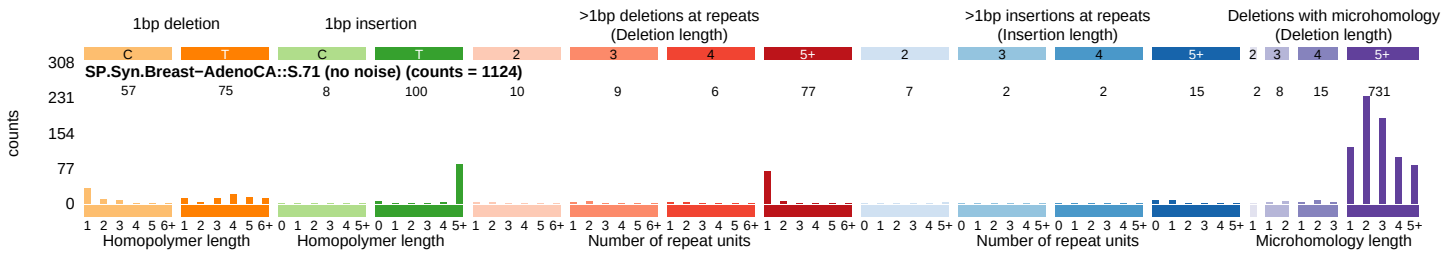

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.66 (no noise) (counts = 244)
22 83 4 128 2 1 0 0 4 0 0 0 0 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

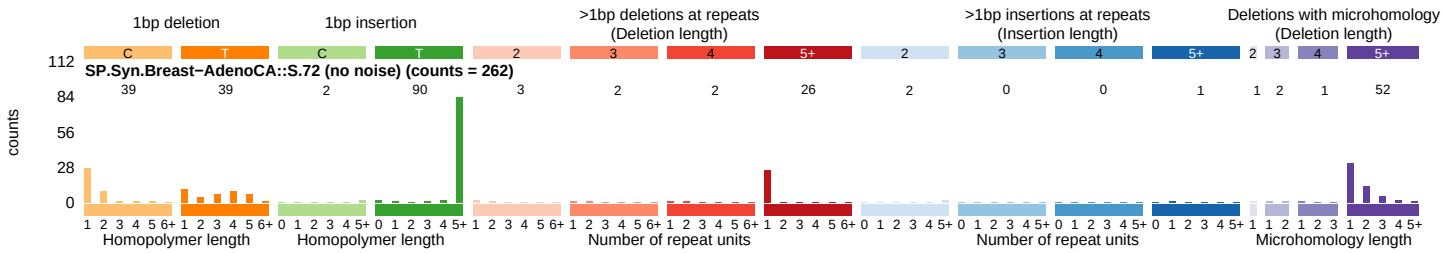

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.67 (no noise) (counts = 43)
counts
Homopolymer length
Number of repeat units
Microhomology length

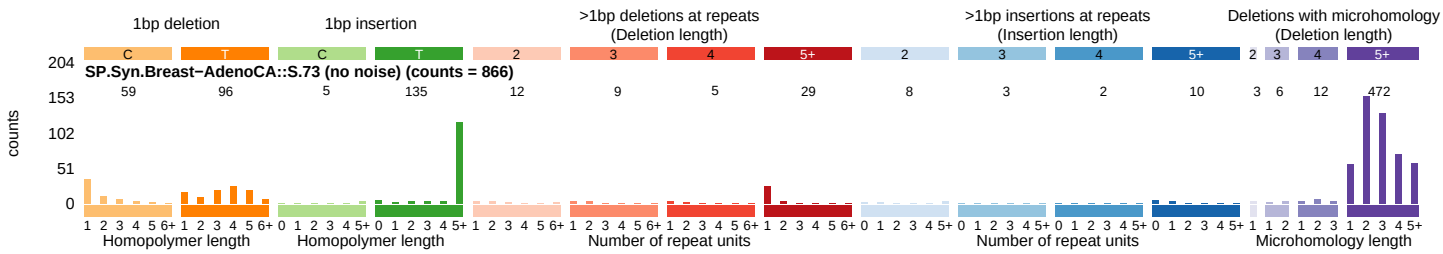

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.68 (no noise) (counts = 346)
counts
Homopolymer length
Number of repeat units
Microhomology length

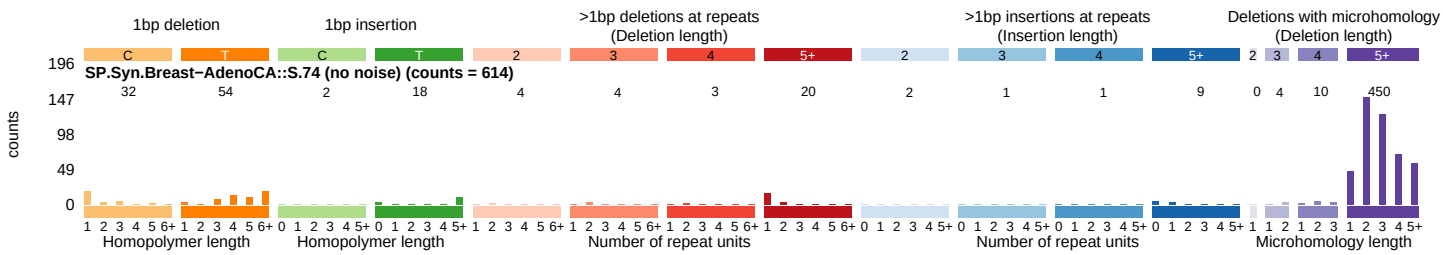

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.69 (no noise) (counts = 145)
counts
Homopolymer length
Number of repeat units
Microhomology length

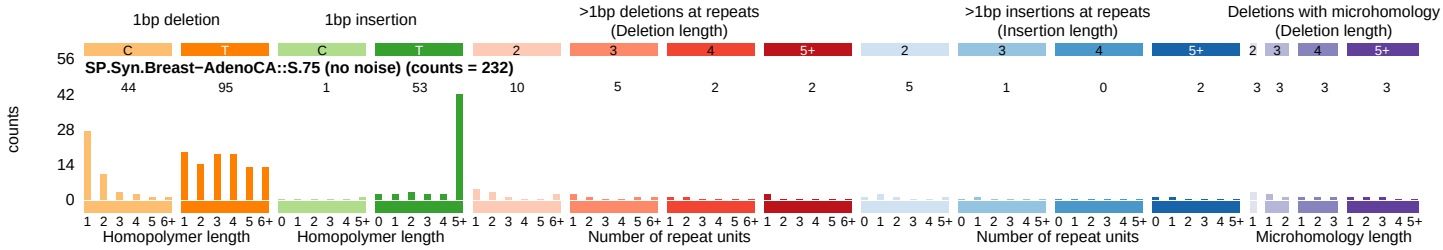

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.70 (no noise) (counts = 532)
counts
Homopolymer length
Number of repeat units
Microhomology length

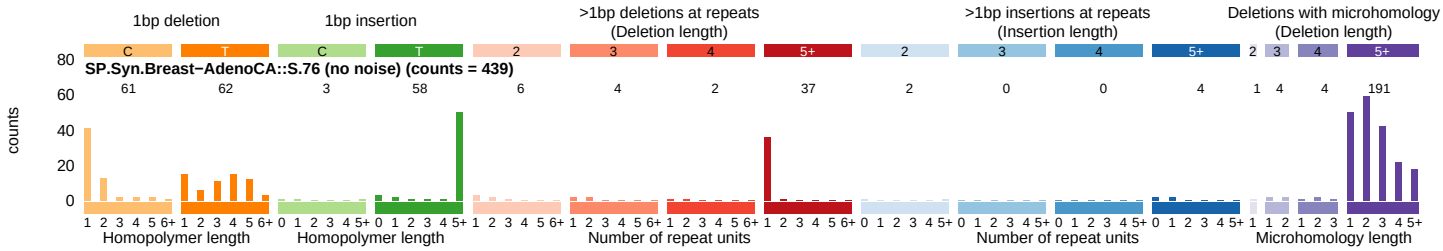

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.71 (no noise) (counts = 1124)
counts
Homopolymer length
Number of repeat units
Microhomology length

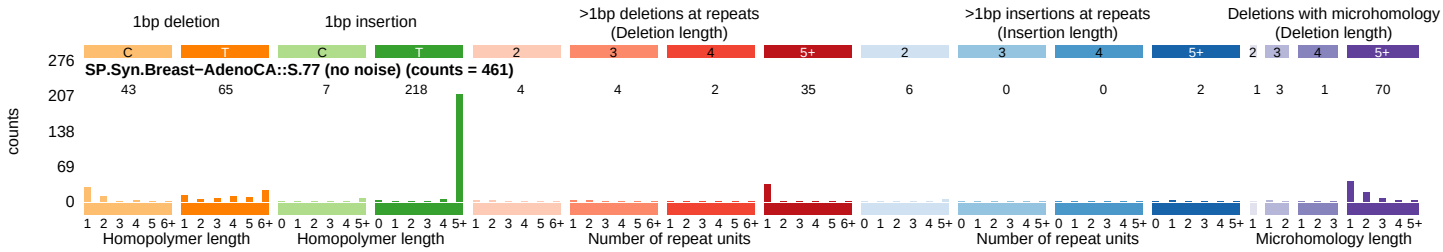

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.72 (no noise) (counts = 262)
counts
Homopolymer length
Number of repeat units
Microhomology length

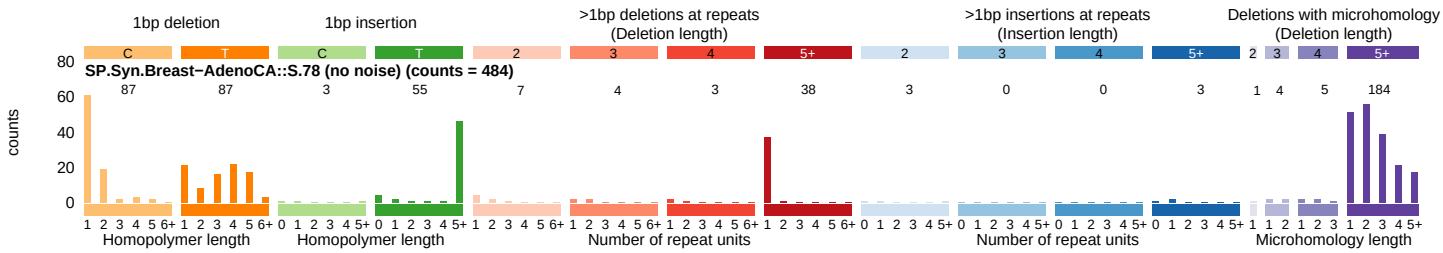

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.73 (no noise) (counts = 866)
counts
Homopolymer length
Number of repeat units
Microhomology length

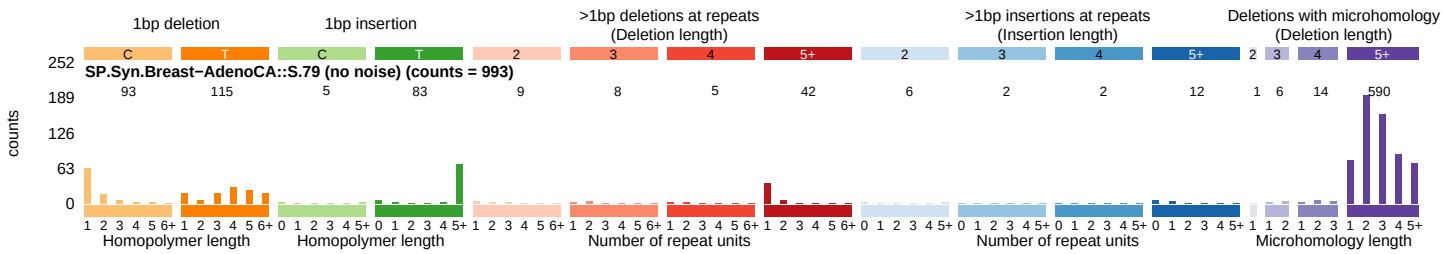

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.74 (no noise) (counts = 614)
counts
Homopolymer length
Number of repeat units
Microhomology length

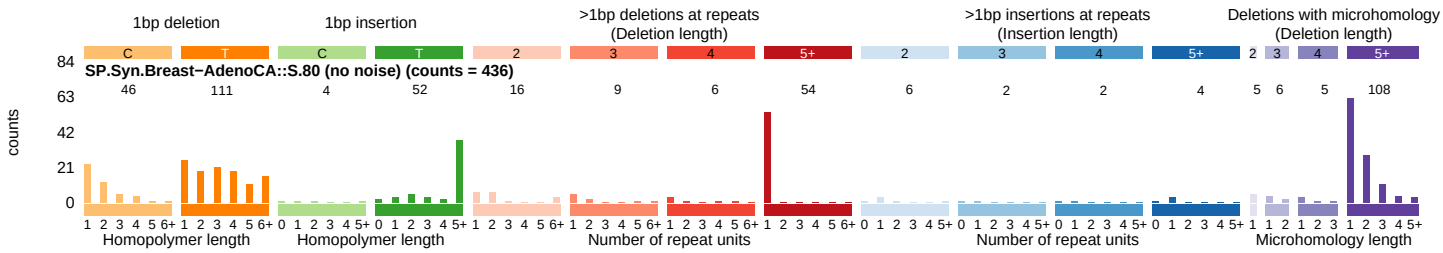

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.75 (no noise) (counts = 232)
counts
Homopolymer length
Number of repeat units
Microhomology length

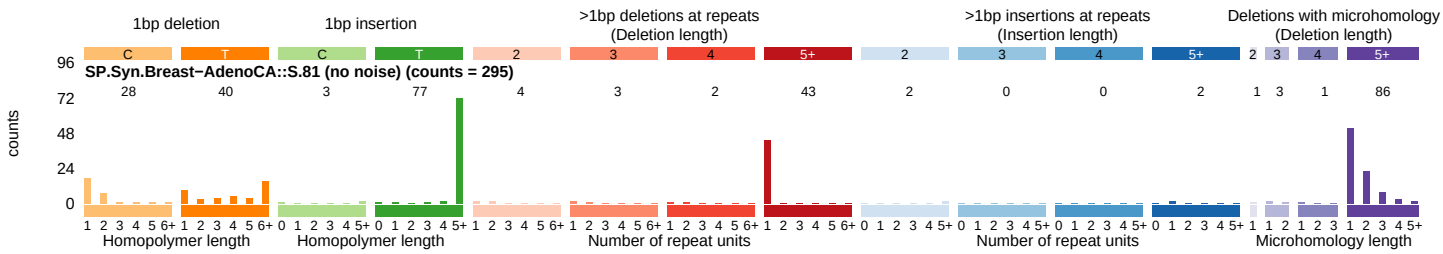

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.76 (no noise) (counts = 439)
counts
Homopolymer length
Number of repeat units
Microhomology length

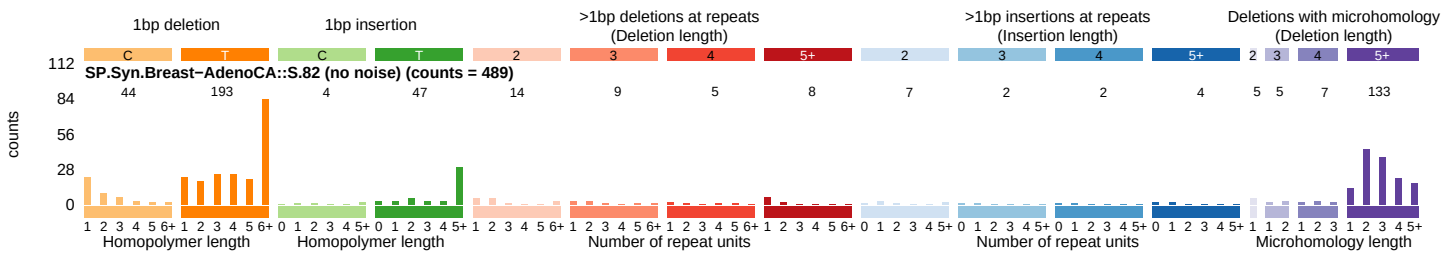

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.77 (no noise) (counts = 461)
counts
Homopolymer length
Number of repeat units
Microhomology length

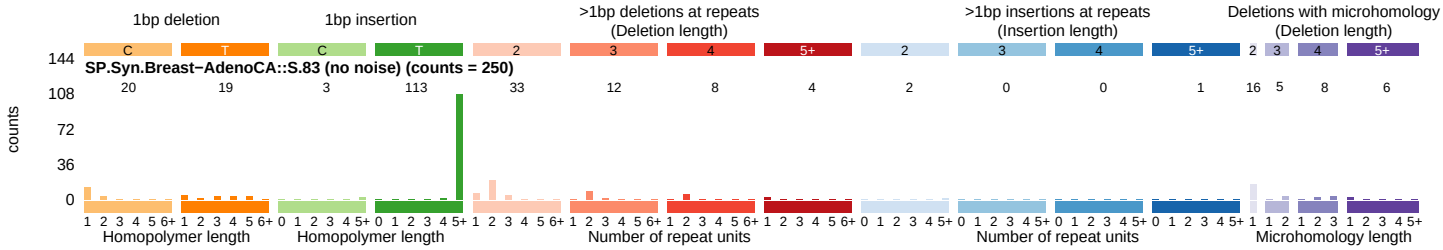

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.78 (no noise) (counts = 484)
counts
Homopolymer length
Number of repeat units
Microhomology length

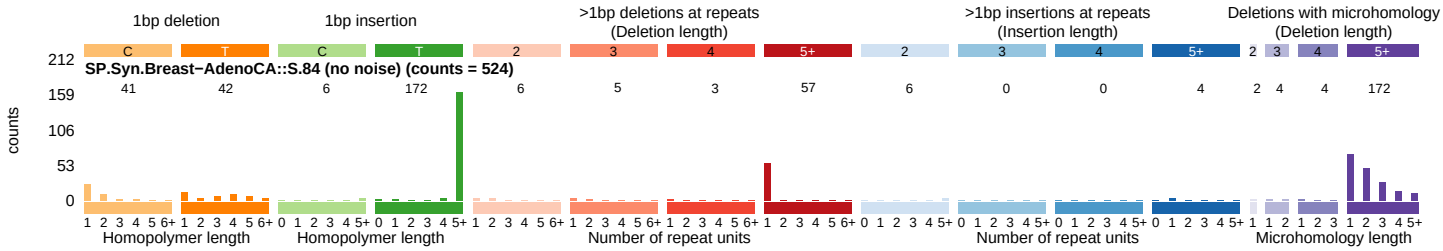

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.79 (no noise) (counts = 993)
counts
Homopolymer length
Number of repeat units
Microhomology length

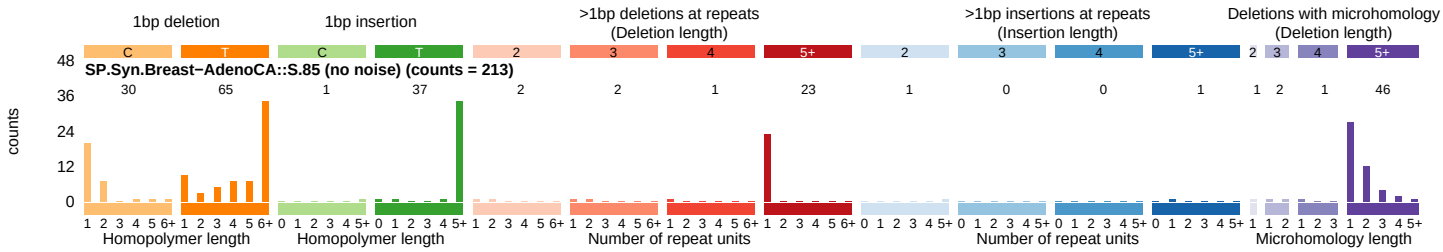

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.80 (no noise) (counts = 436)
counts
Homopolymer length
Number of repeat units
Microhomology length

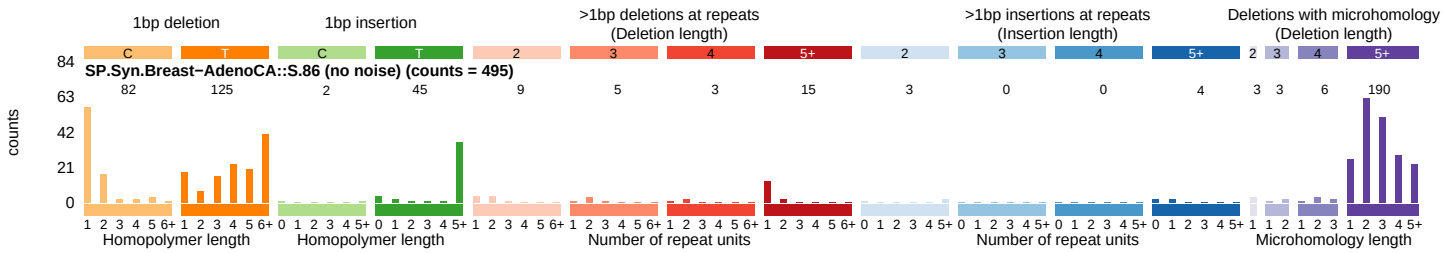

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.81 (no noise) (counts = 295)
counts
Homopolymer length
Number of repeat units
Microhomology length

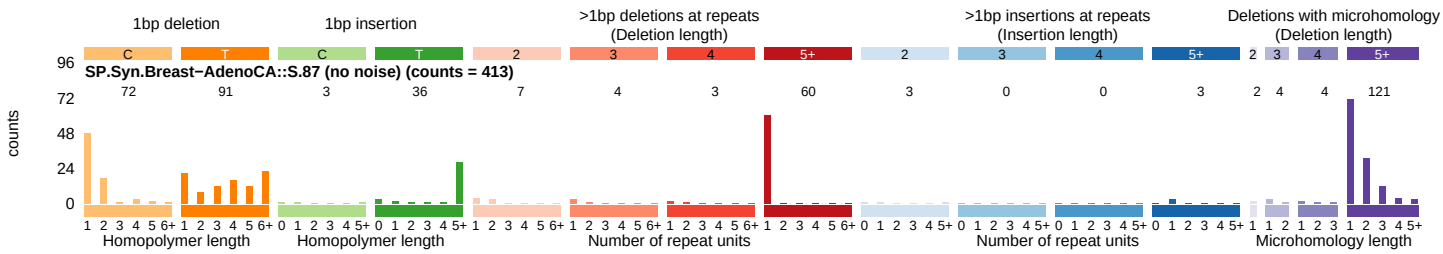

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.82 (no noise) (counts = 489)
counts
Homopolymer length
Number of repeat units
Microhomology length

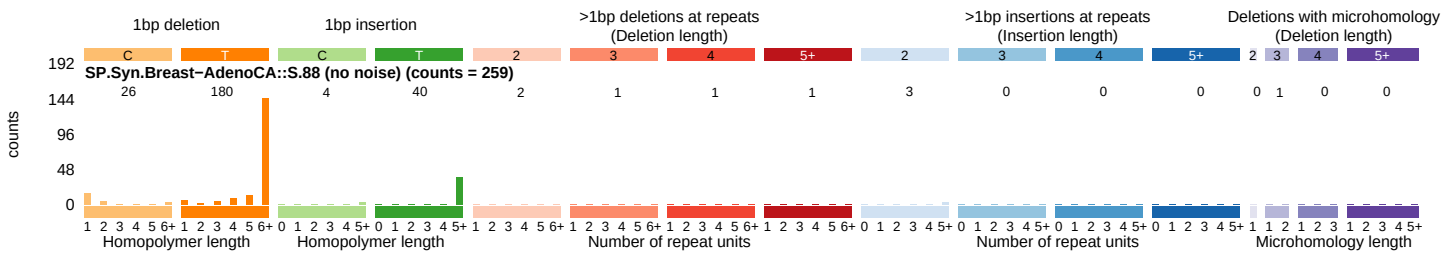

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.83 (no noise) (counts = 250)
counts
Homopolymer length
Number of repeat units
Microhomology length

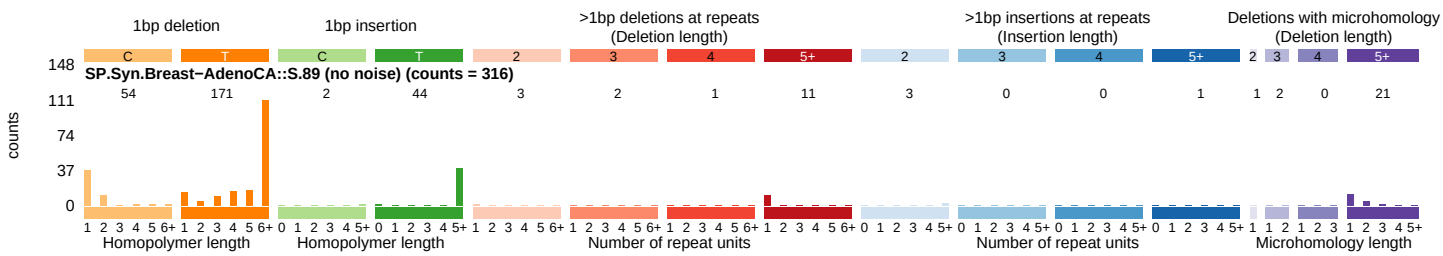

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.84 (no noise) (counts = 524)
counts
Homopolymer length
Number of repeat units
Microhomology length

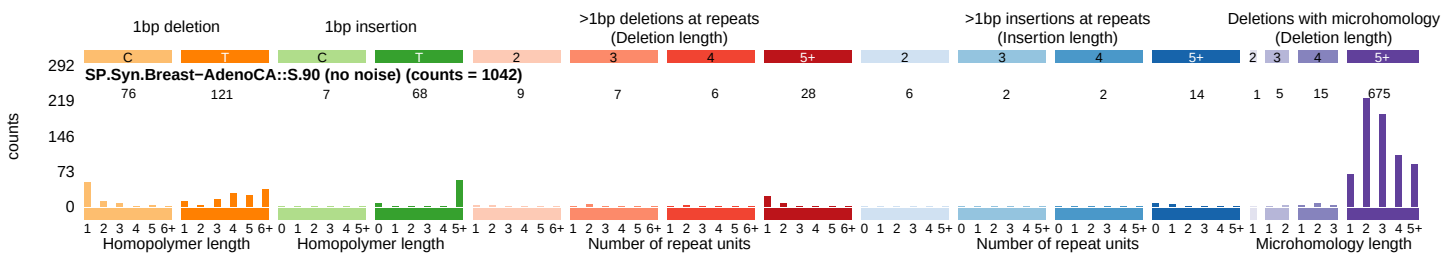

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.85 (no noise) (counts = 213)
counts
Homopolymer length
Number of repeat units
Microhomology length

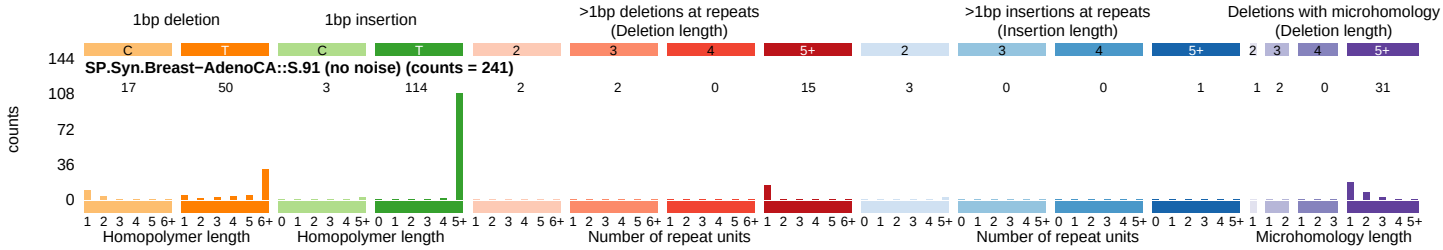

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.86 (no noise) (counts = 495)
counts
Homopolymer length
Number of repeat units
Microhomology length

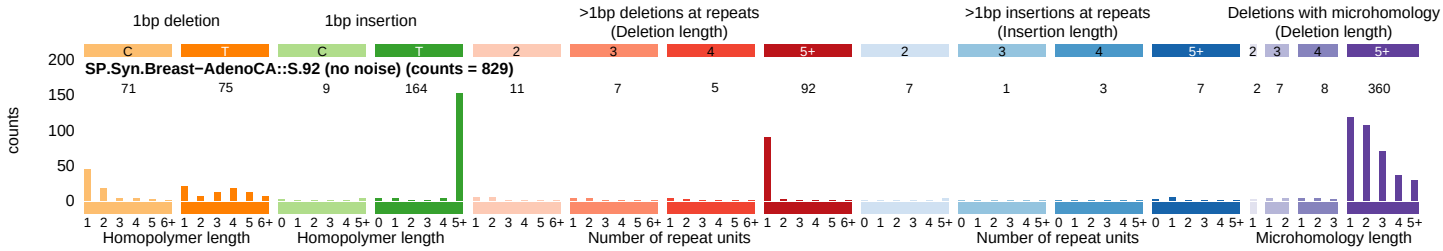

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.87 (no noise) (counts = 413)
counts
Homopolymer length
Number of repeat units
Microhomology length

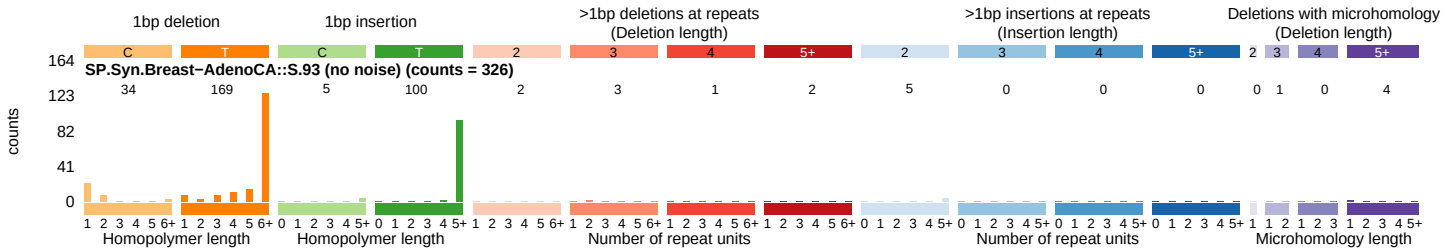

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.88 (no noise) (counts = 259)
counts
Homopolymer length
Number of repeat units
Microhomology length

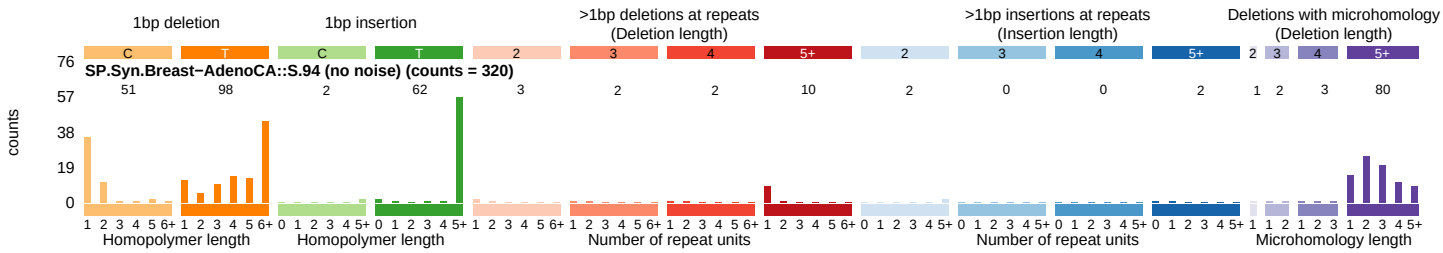

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.89 (no noise) (counts = 316)
counts
Homopolymer length
Number of repeat units
Microhomology length

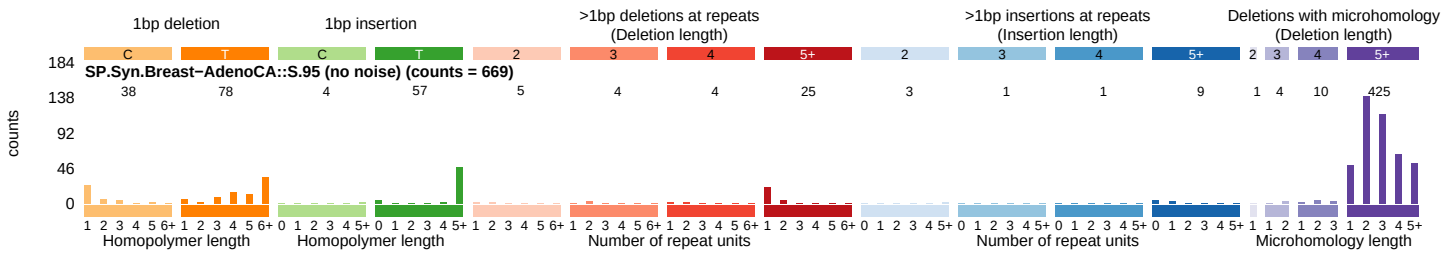

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.90 (no noise) (counts = 1042)
counts
Homopolymer length
Number of repeat units
Microhomology length

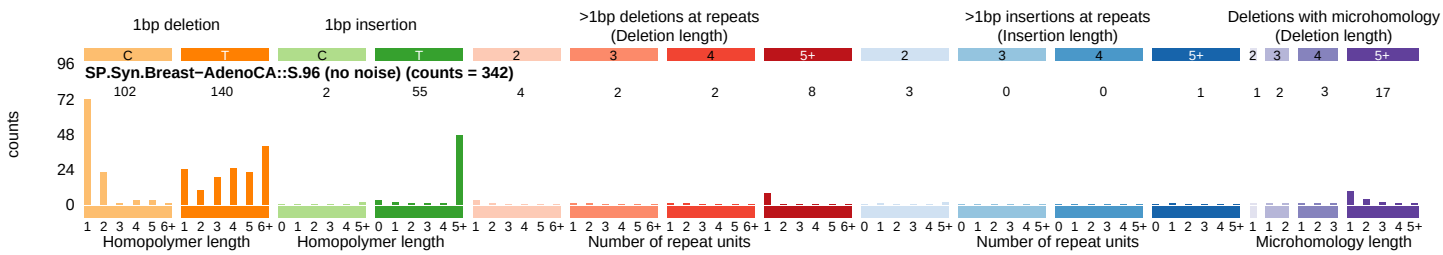

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.91 (no noise) (counts = 241)
17 50 3 114 2 2 0 15 3 0 0 1 1 2 0 31
counts
144 108 72 36 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

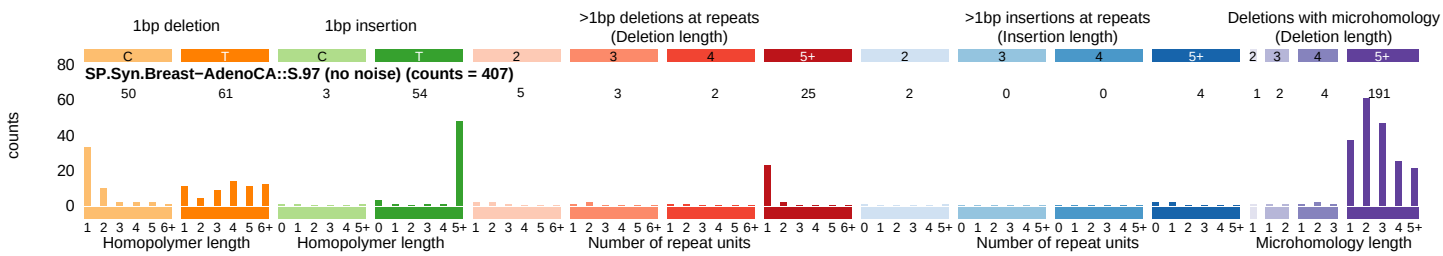

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.92 (no noise) (counts = 829)
71 75 9 164 11 7 5 92 7 1 3 7 2 7 8 360
counts
200 150 100 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

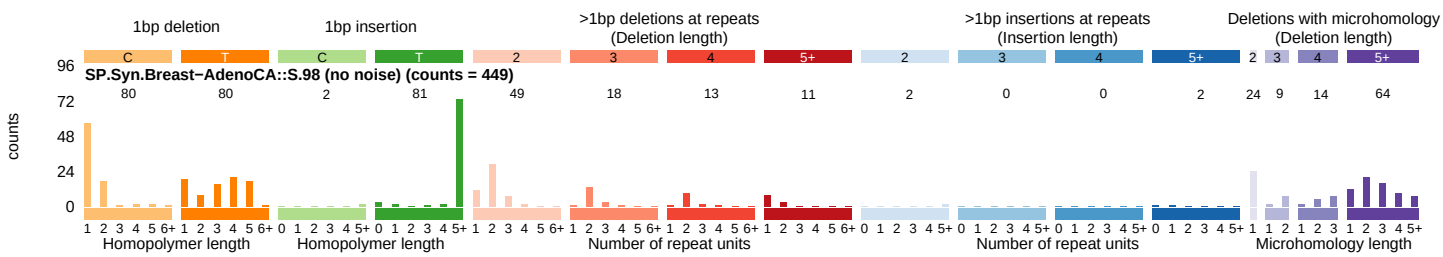

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.93 (no noise) (counts = 326)
34 169 5 100 2 3 1 2 5 0 0 0 0 1 0 4
counts
164 123 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

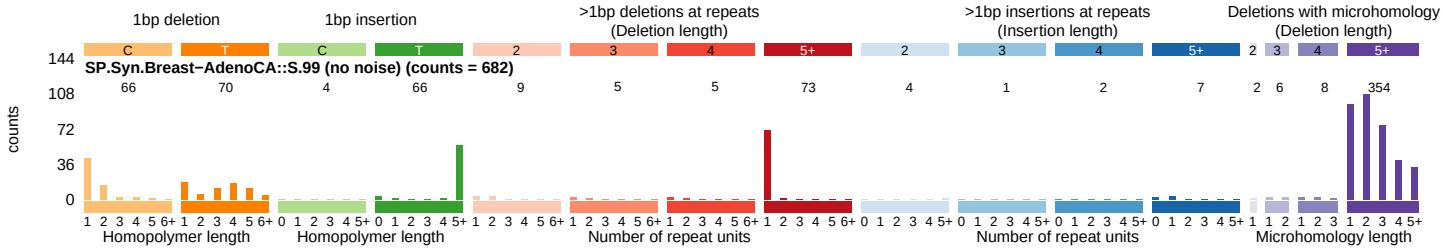

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.94 (no noise) (counts = 320)
51 98 2 62 3 2 2 10 2 0 0 2 1 2 3 80
counts
76 57 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


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.95 (no noise) (counts = 669)
38 78 4 57 5 4 4 25 3 1 1 9 1 4 10 425
counts
184 138 92 46 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.96 (no noise) (counts = 342)
102 140 2 55 4 2 2 8 3 0 0 1 1 2 3 17
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.97 (no noise) (counts = 407)
50 61 3 54 5 3 2 25 2 0 0 4 1 2 4 191
counts
80 60 40 20 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.98 (no noise) (counts = 449)
80 80 2 81 49 18 13 11 2 0 0 2 24 9 14 64
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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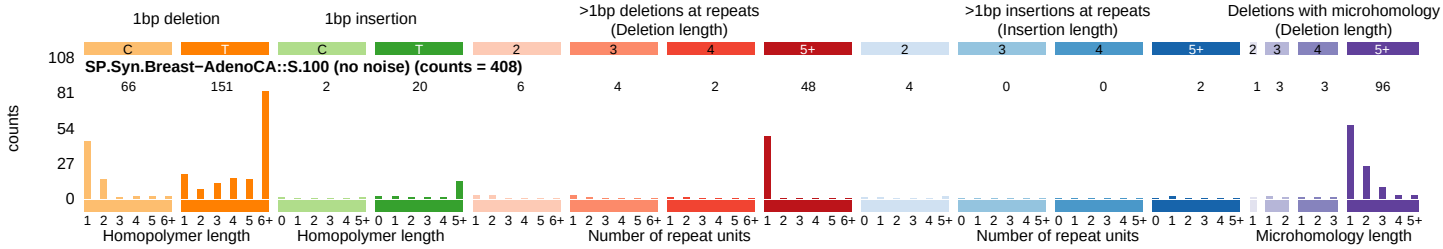
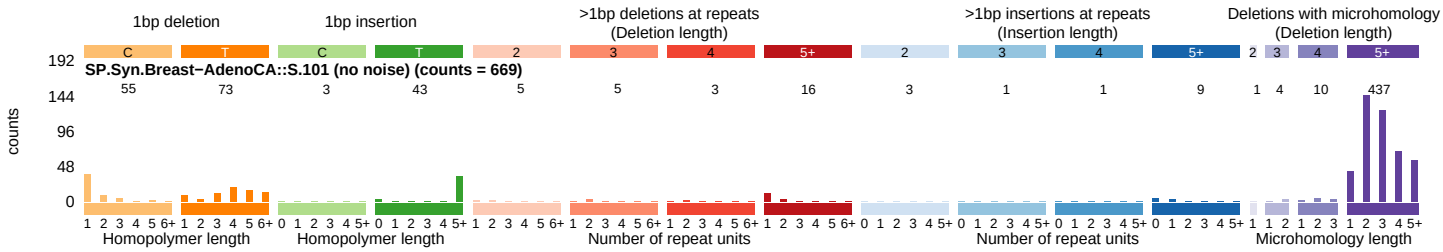
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.99 (no noise) (counts = 682)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 = 408)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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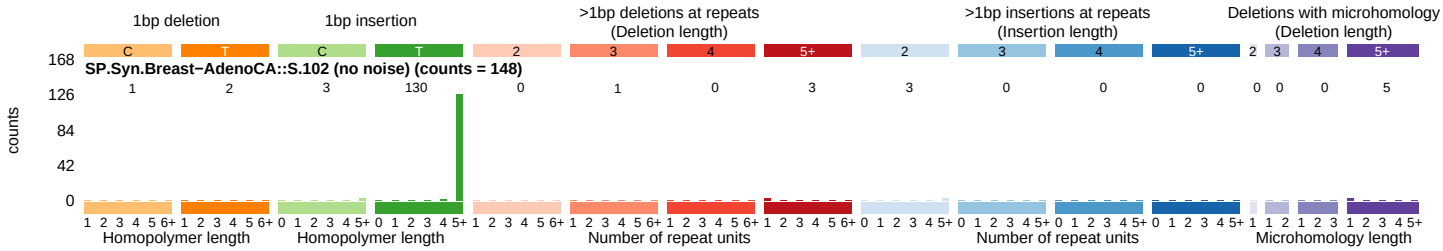
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.101 (no noise) (counts = 669)
counts
Homopolymer length
Number of repeat units
Microhomology length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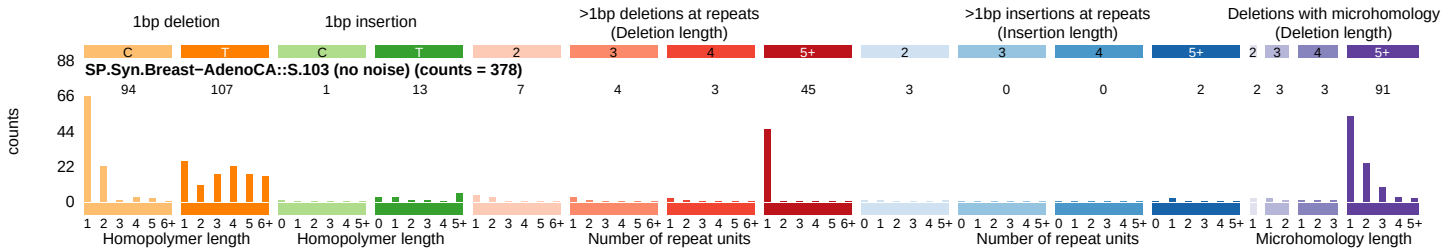
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.102 (no noise) (counts = 148)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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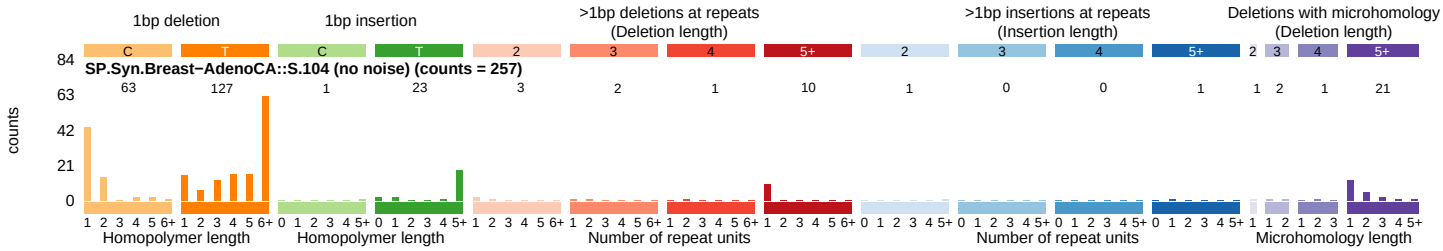
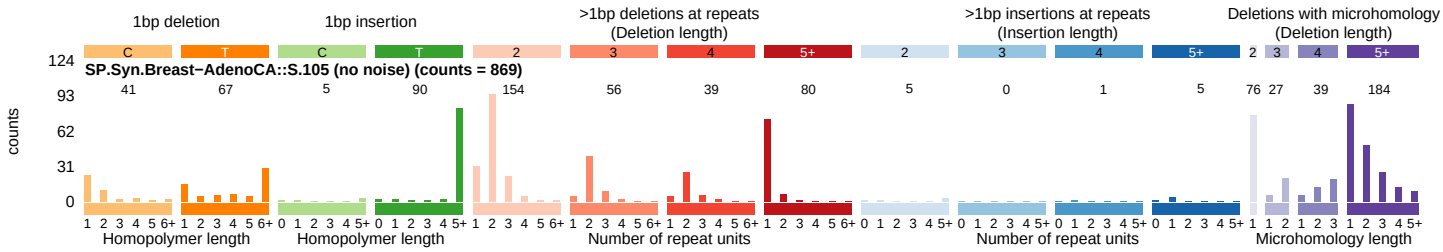
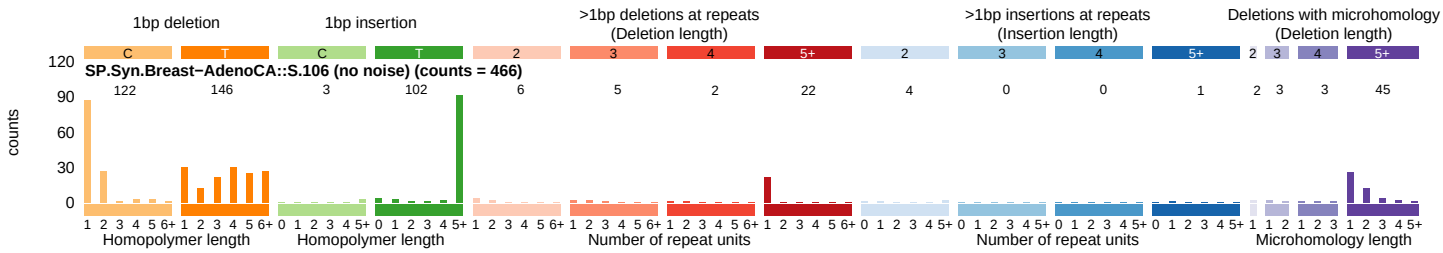
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.103 (no noise) (counts = 378)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 = 257)
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 869)
counts
Homopolymer length
Number of repeat units
Microhomology length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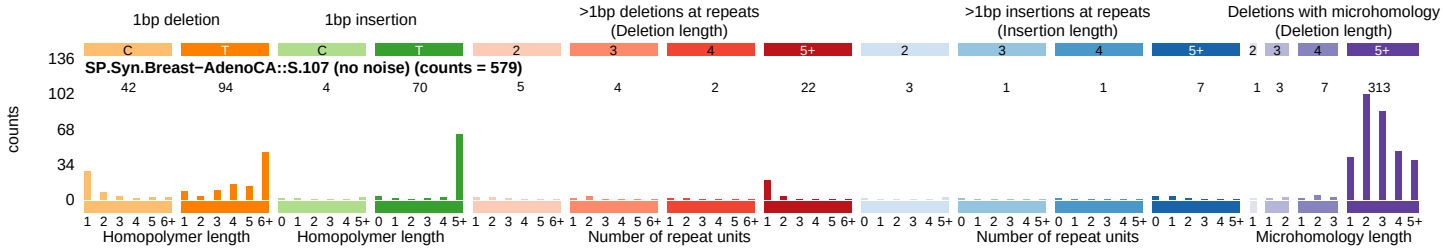
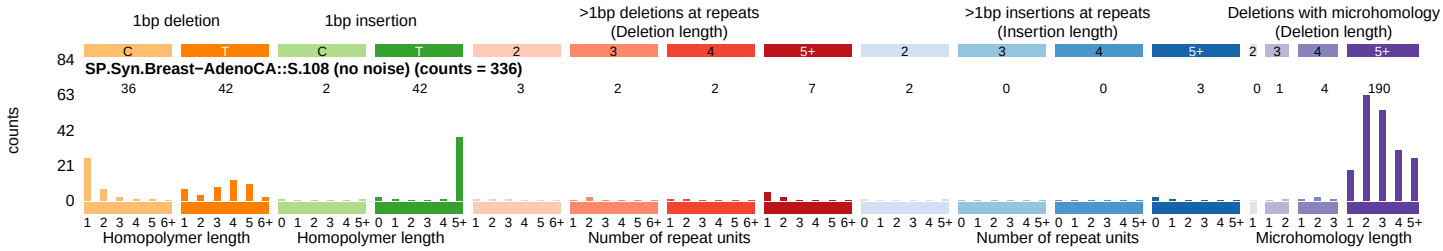
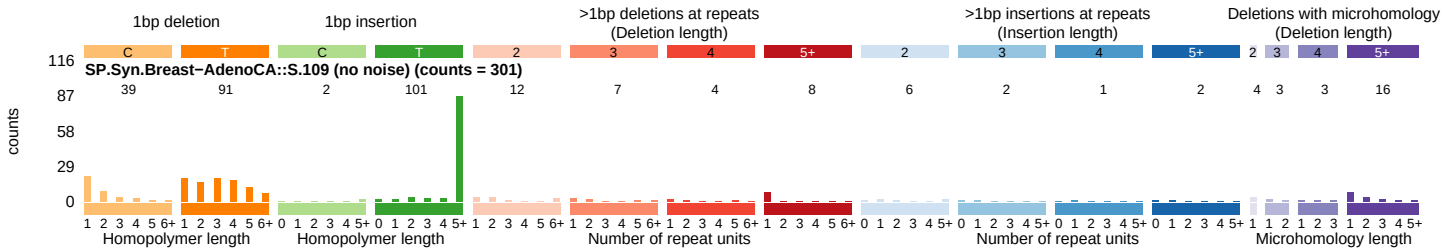
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.106 (no noise) (counts = 466)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.107 (no noise) (counts = 579)
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 336)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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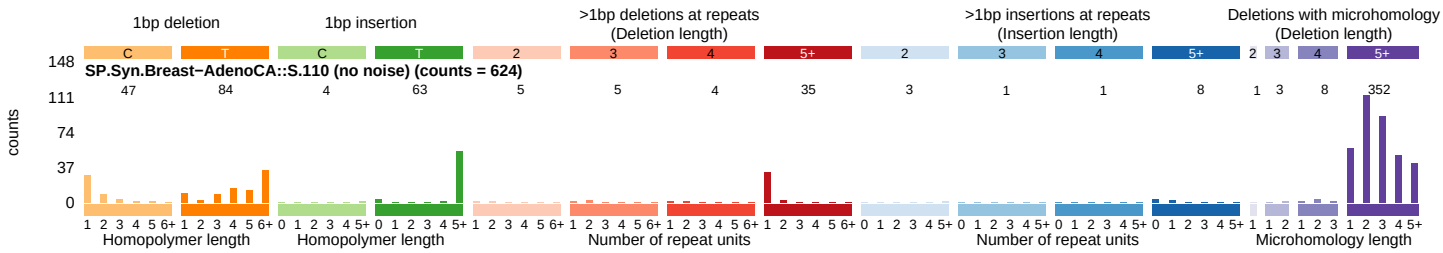
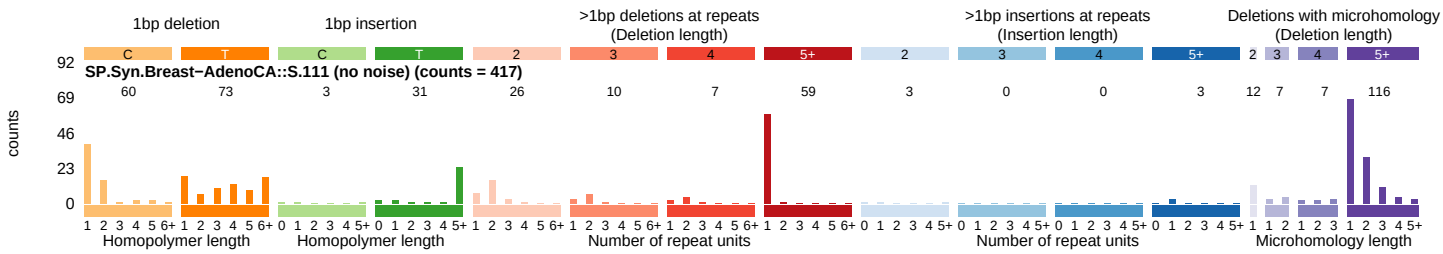
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.109 (no noise) (counts = 301)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 = 624)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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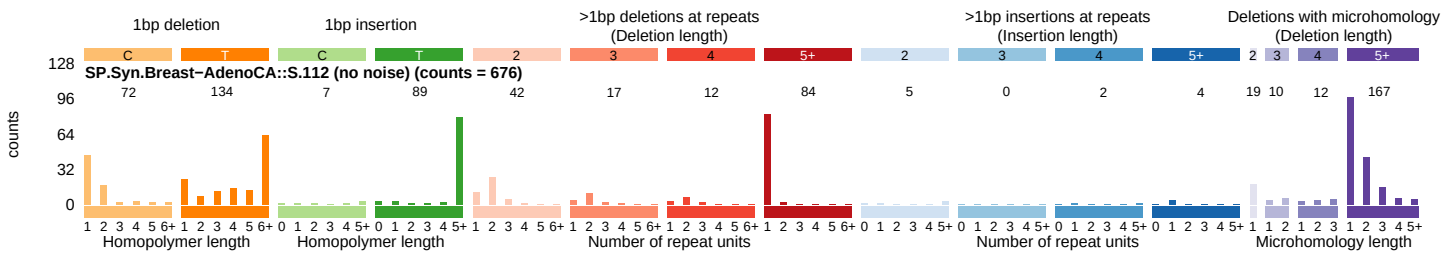
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.111 (no noise) (counts = 417)
counts
Homopolymer length
Number of repeat units
Microhomology length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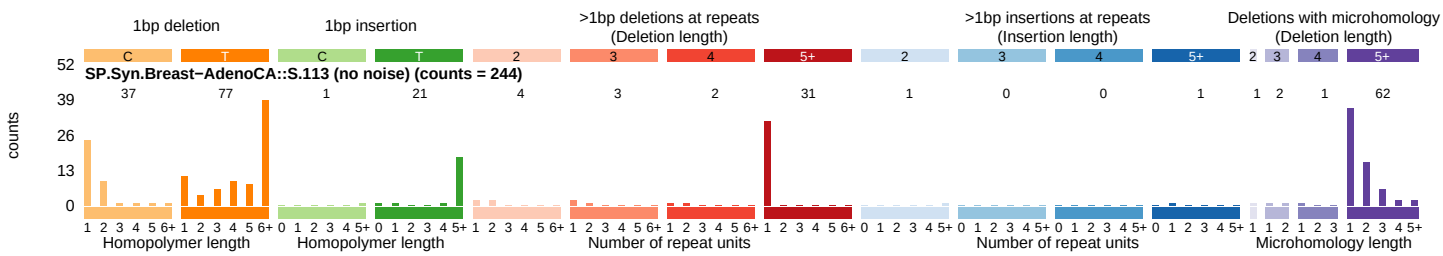
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.112 (no noise) (counts = 676)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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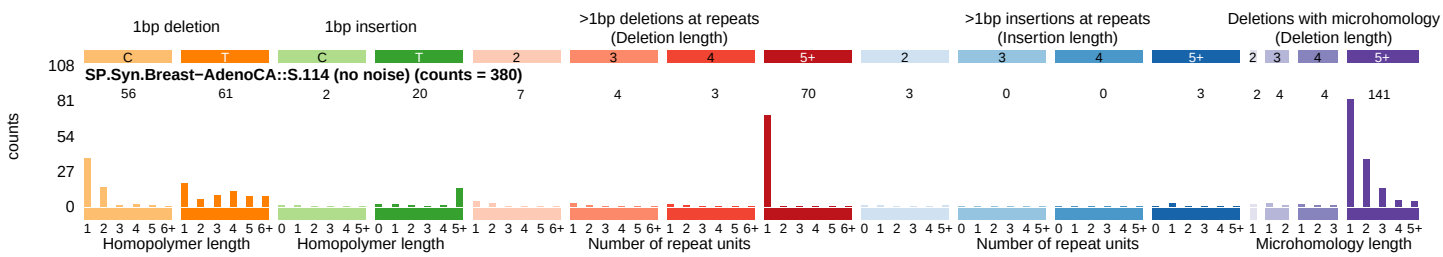
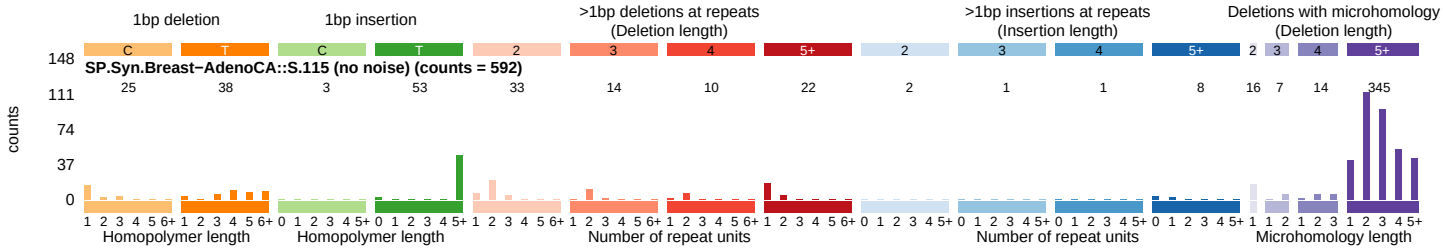
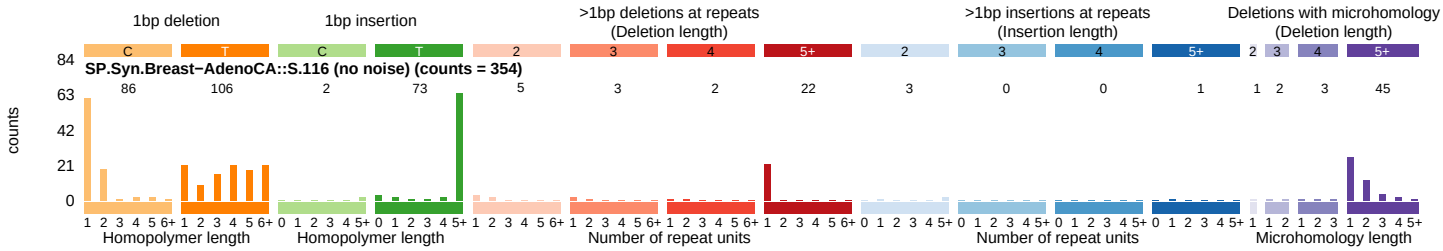
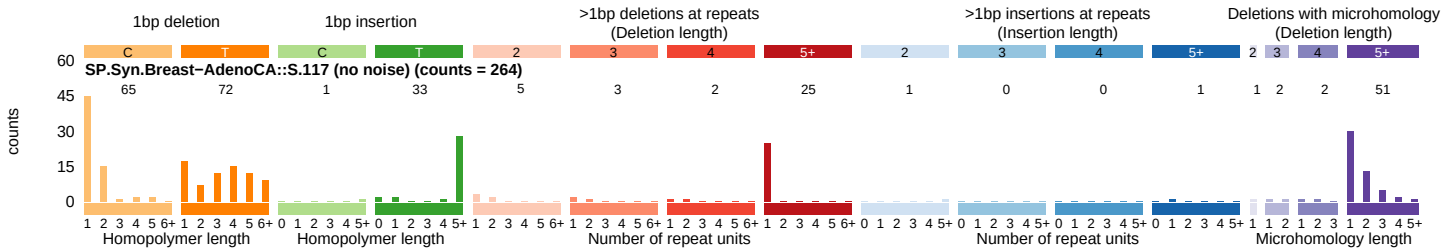
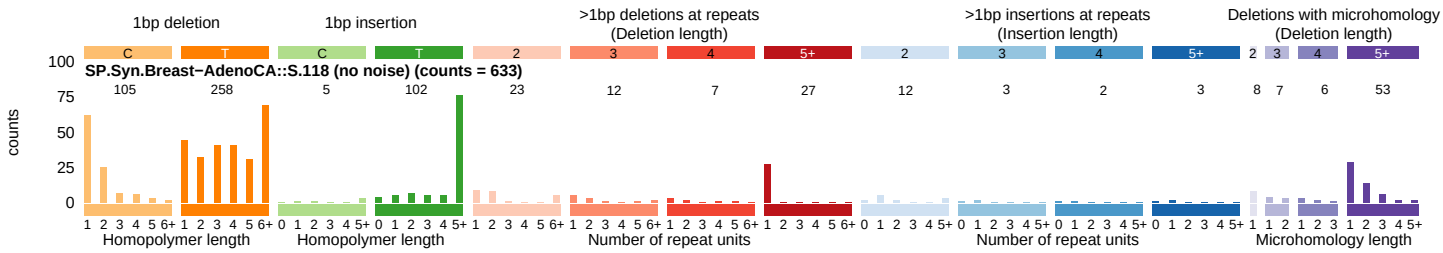
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.113 (no noise) (counts = 244)
counts
Homopolymer length
Number of repeat units
Microhomology length

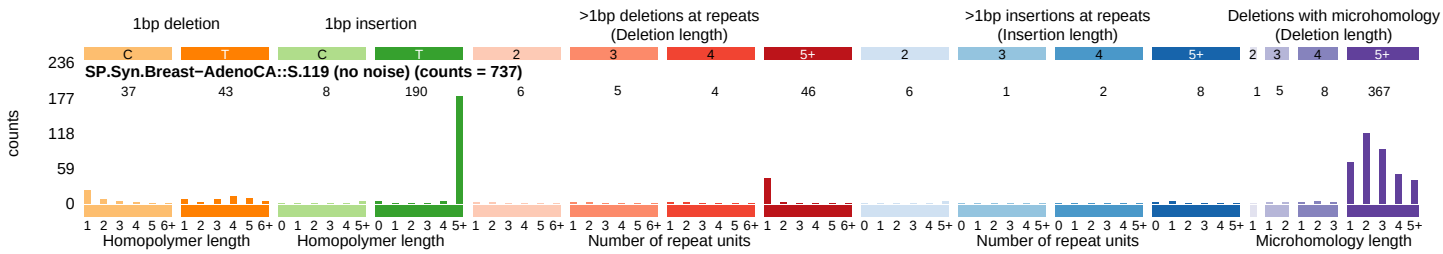

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.114 (no noise) (counts = 380)
counts
Homopolymer length
Number of repeat units
Microhomology length

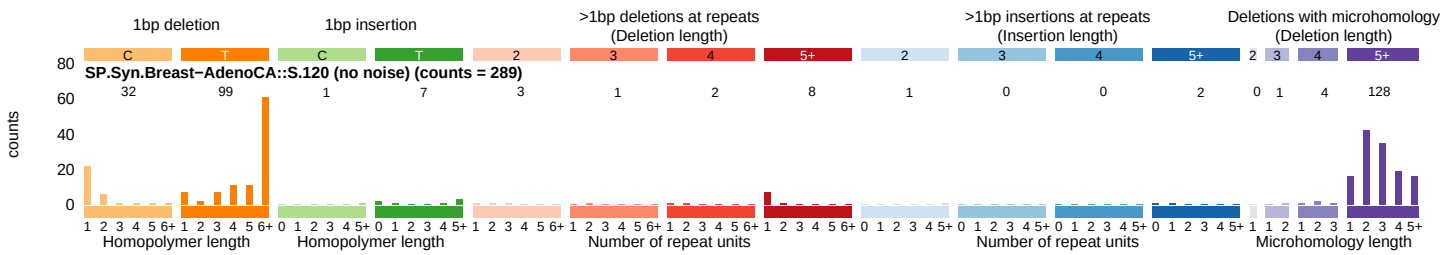

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.115 (no noise) (counts = 592)
25 38 3 53 33 14 10 22 2 1 1 8 16 7 14 345
counts
Homopolymer length
Number of repeat units
Microhomology length

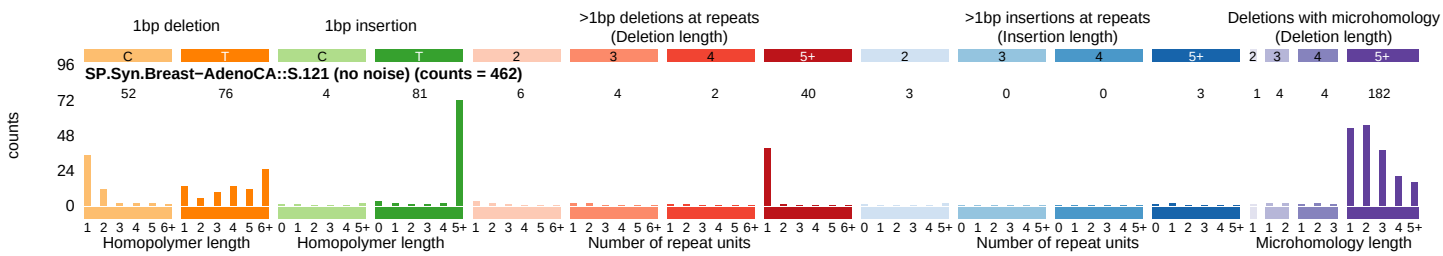

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.116 (no noise) (counts = 354)
86 106 2 73 5 3 2 22 3 0 0 1 1 2 3 45
counts
Homopolymer length
Number of repeat units
Microhomology length

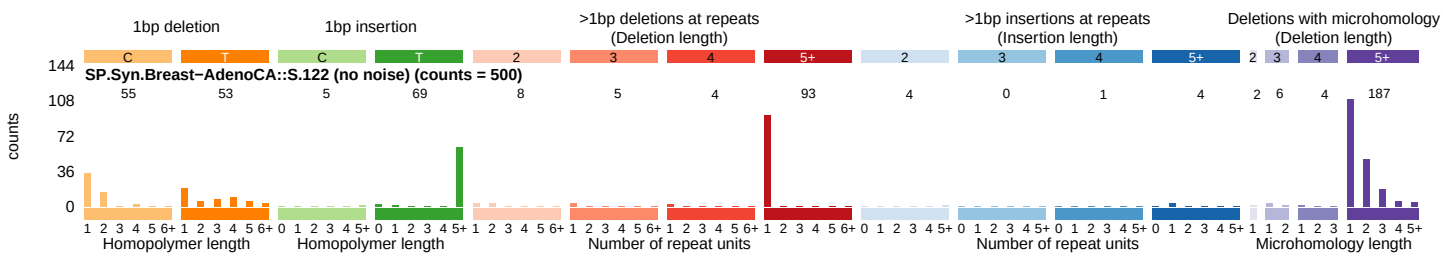

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.117 (no noise) (counts = 264)
65 72 1 33 5 3 2 25 1 0 0 1 1 2 2 51
counts
Homopolymer length
Number of repeat units
Microhomology length

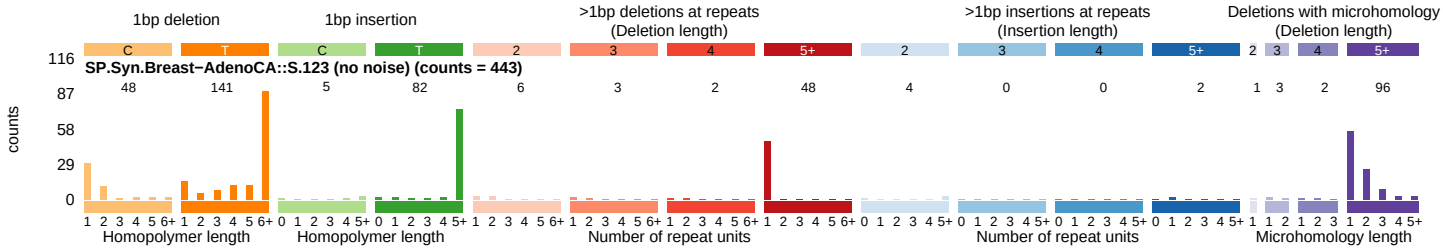

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.118 (no noise) (counts = 633)
105 258 5 102 23 12 7 27 12 3 2 3 8 7 6 53
counts
Homopolymer length
Number of repeat units
Microhomology length

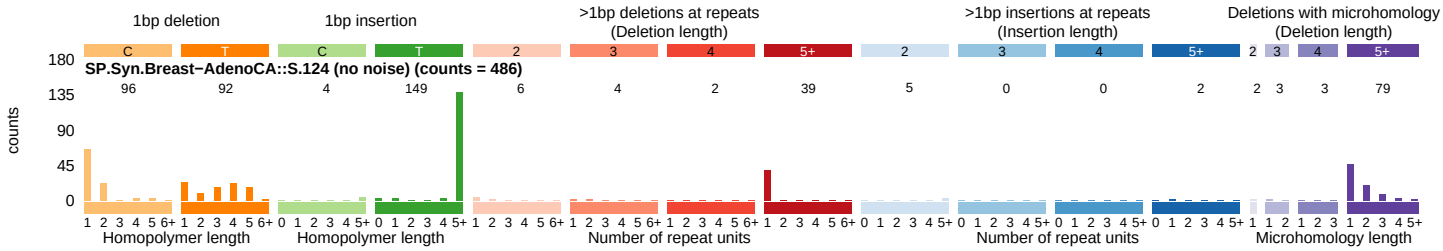

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.119 (no noise) (counts = 737)
37 43 8 190 6 5 4 46 6 1 2 8 1 5 8 367
counts
Homopolymer length
Number of repeat units
Microhomology length

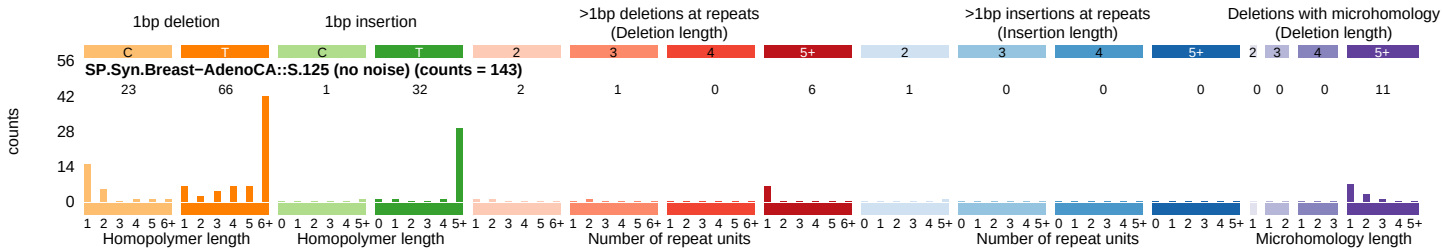

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.120 (no noise) (counts = 289)
32 99 1 7 3 1 2 8 1 0 0 2 0 1 4 128
counts
Homopolymer length
Number of repeat units
Microhomology length

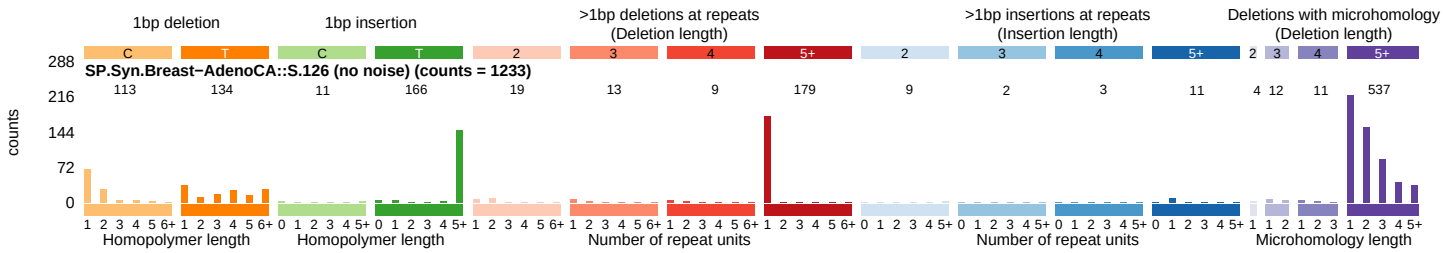

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.121 (no noise) (counts = 462)
52 76 4 81 6 4 2 40 3 0 0 3 1 4 4 182
counts
Homopolymer length
Number of repeat units
Microhomology length

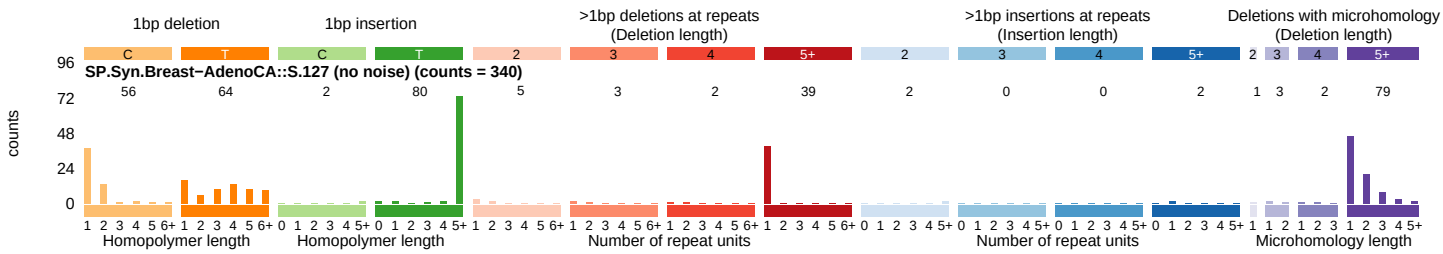

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.122 (no noise) (counts = 500)
55 53 5 69 8 5 4 93 4 0 1 4 2 6 4 187
counts
Homopolymer length
Number of repeat units
Microhomology length

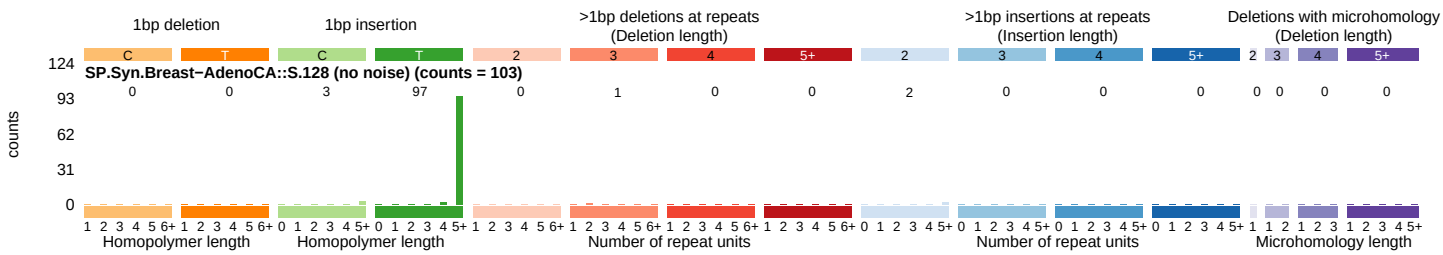

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.123 (no noise) (counts = 443)
counts
Homopolymer length
Number of repeat units
Microhomology length

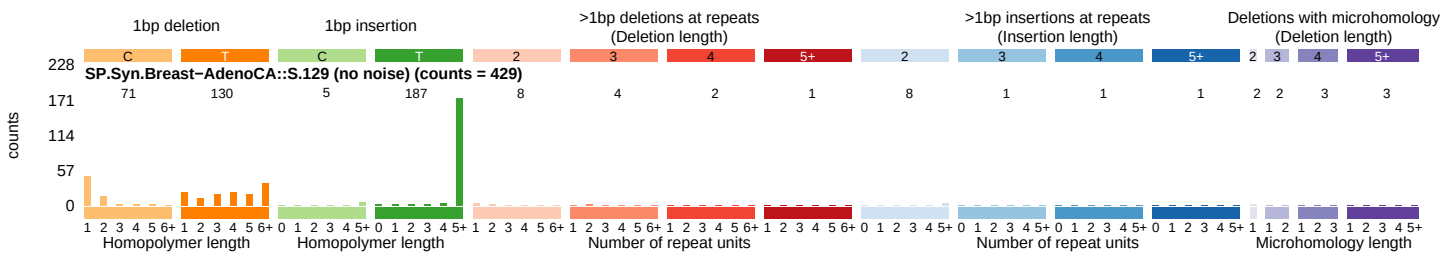

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.124 (no noise) (counts = 486)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 = 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.Breast−AdenoCA::S.126 (no noise) (counts = 1233)
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 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.128 (no noise) (counts = 103)
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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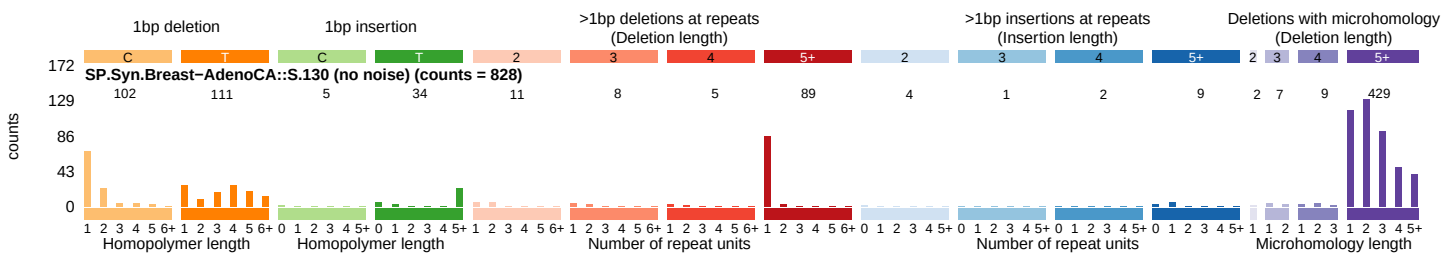
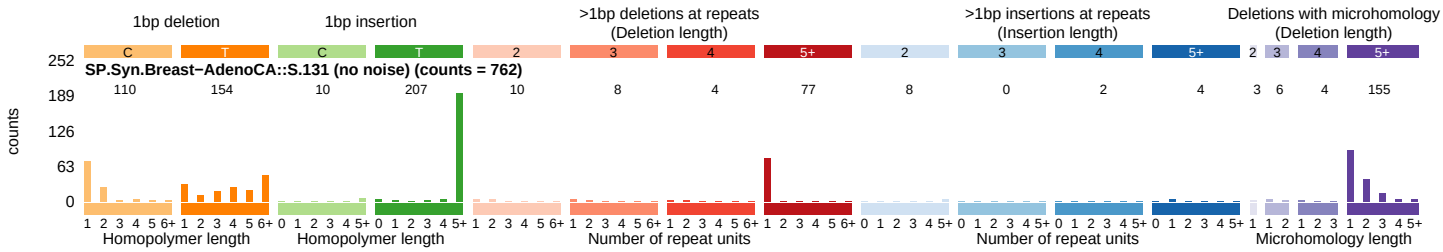
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.129 (no noise) (counts = 429)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.130 (no noise) (counts = 828)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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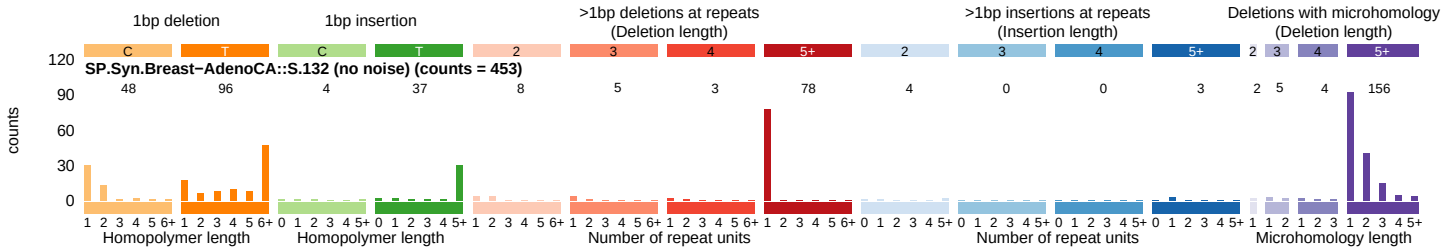
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.131 (no noise) (counts = 762)
counts
Homopolymer length
Number of repeat units
Microhomology length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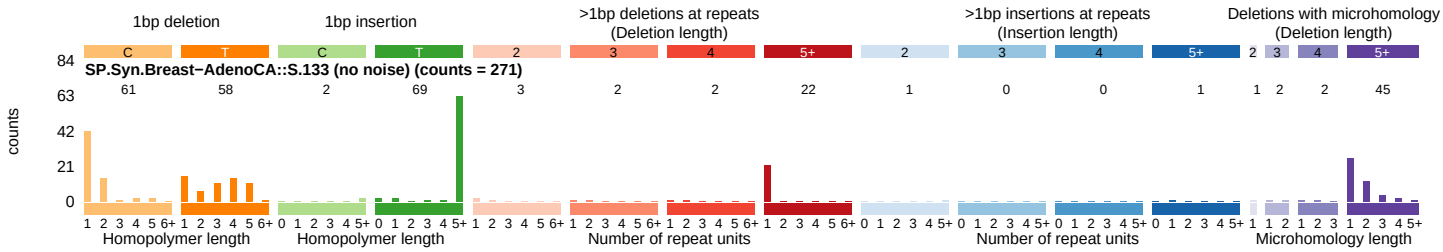
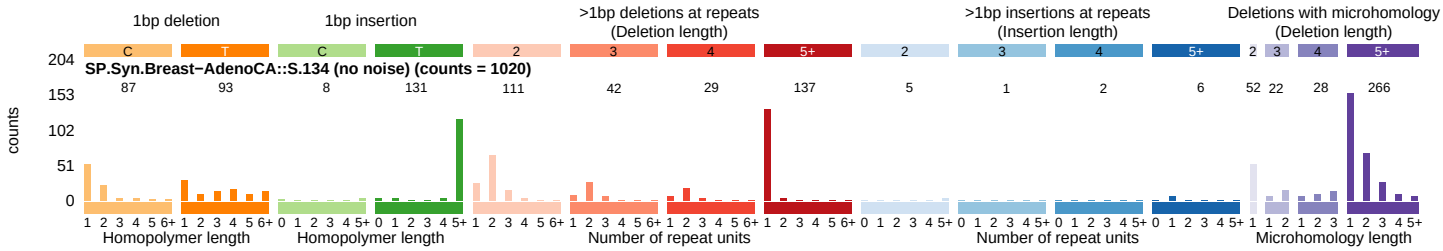
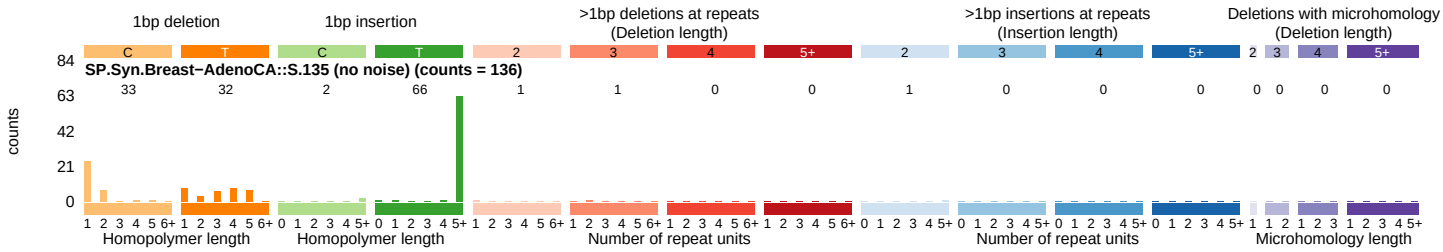
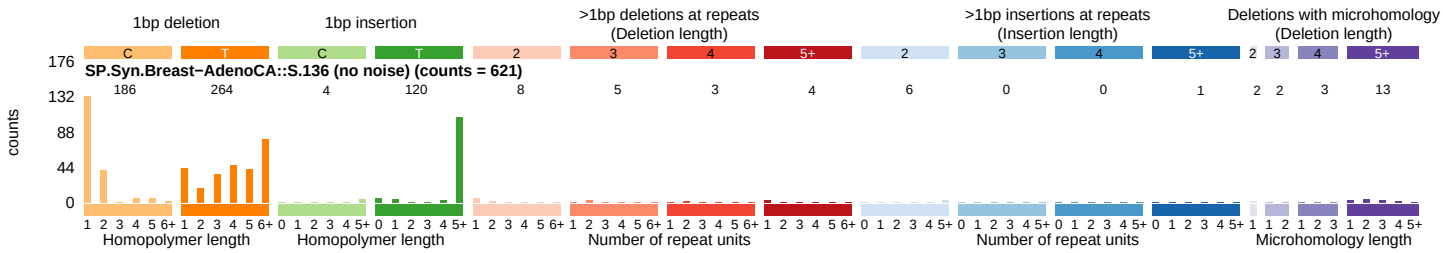
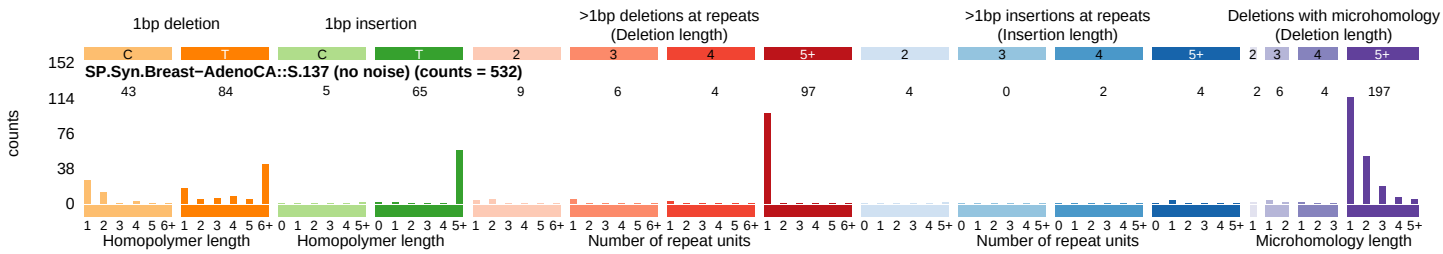
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.132 (no noise) (counts = 453)
counts
Homopolymer length
Number of repeat units
Microhomology length

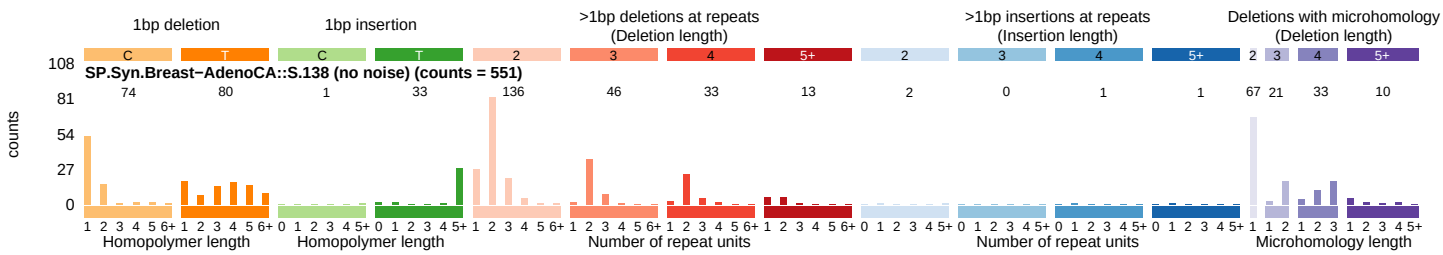

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.133 (no noise) (counts = 271)
counts
Homopolymer length
Number of repeat units
Microhomology length

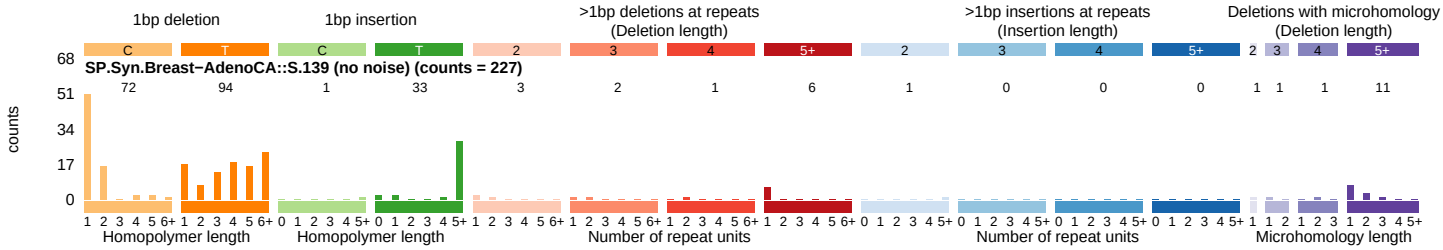

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.134 (no noise) (counts = 1020)
counts
Homopolymer length
Number of repeat units
Microhomology length

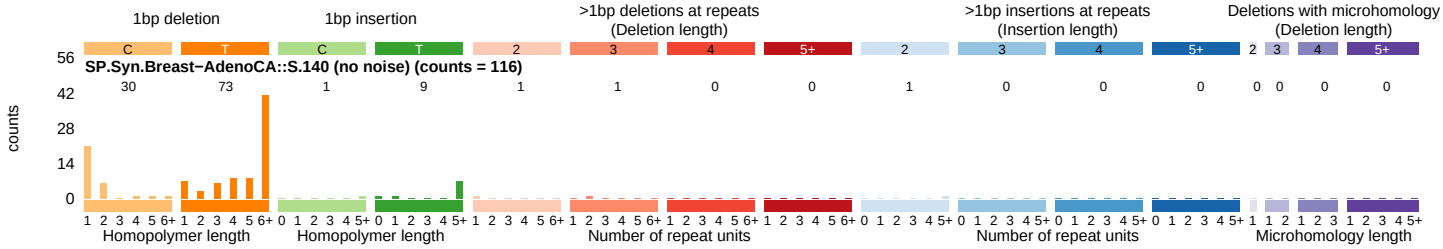

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.135 (no noise) (counts = 136)
counts
Homopolymer length
Number of repeat units
Microhomology length

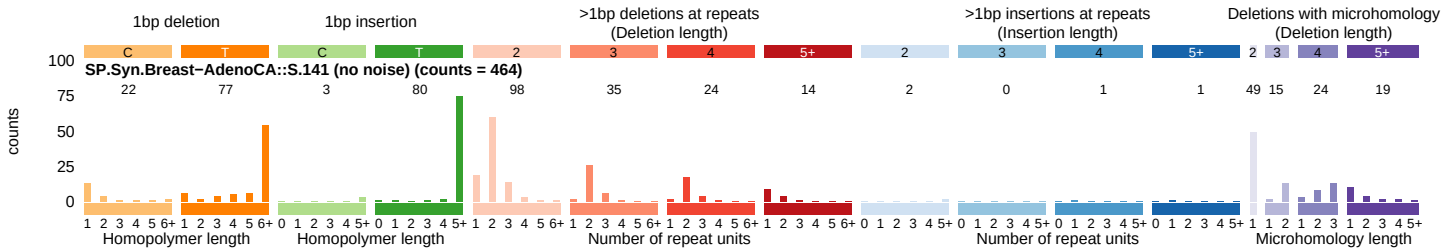

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.136 (no noise) (counts = 621)
counts
Homopolymer length
Number of repeat units
Microhomology length

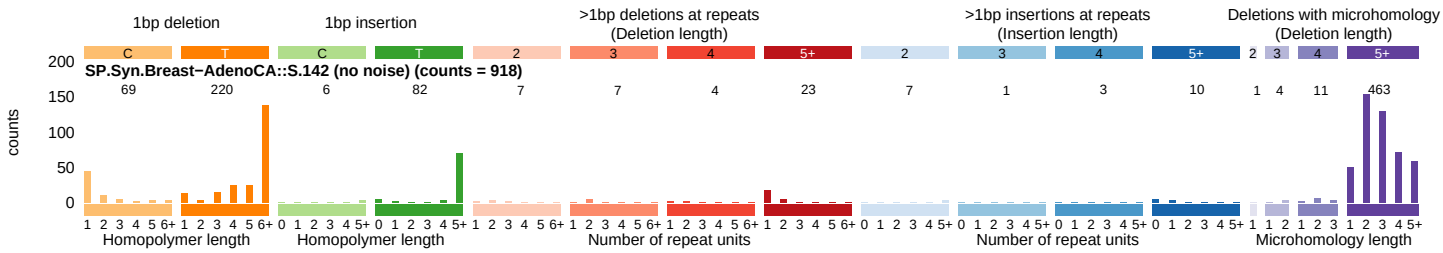

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.137 (no noise) (counts = 532)
counts
Homopolymer length
Number of repeat units
Microhomology length

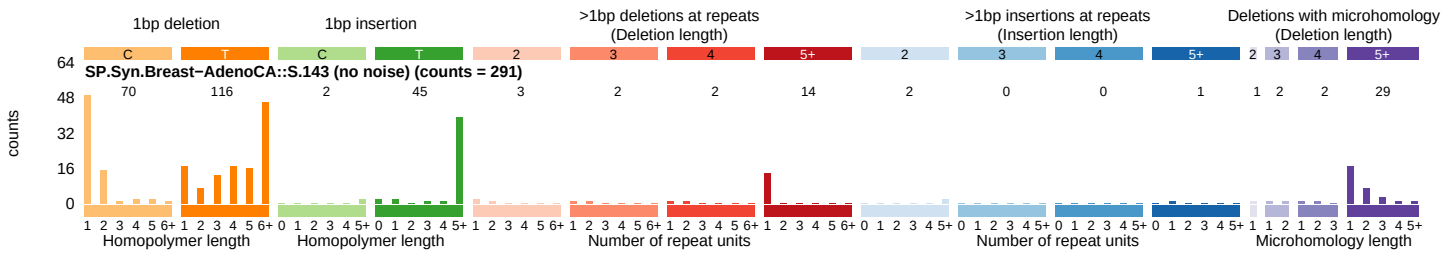

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.138 (no noise) (counts = 551)
counts
Homopolymer length
Number of repeat units
Microhomology length

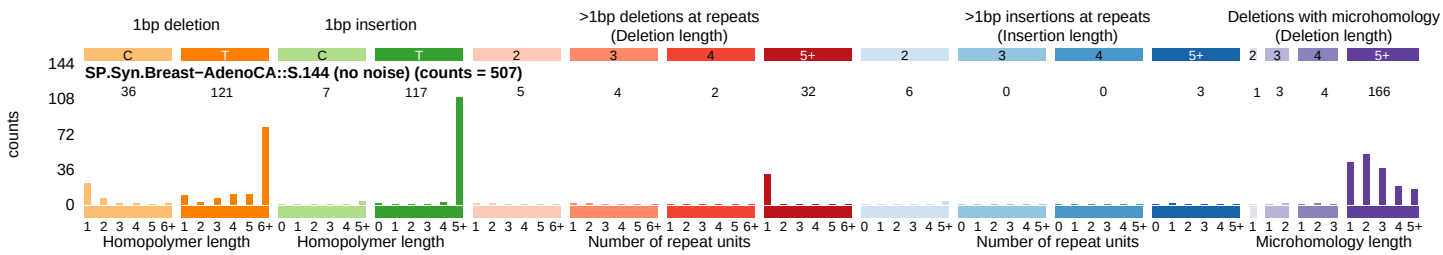

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.139 (no noise) (counts = 227)
72 94 1 33 3 2 1 6 1 0 0 0 1 1 1 11
counts
Homopolymer length
Number of repeat units
Microhomology length

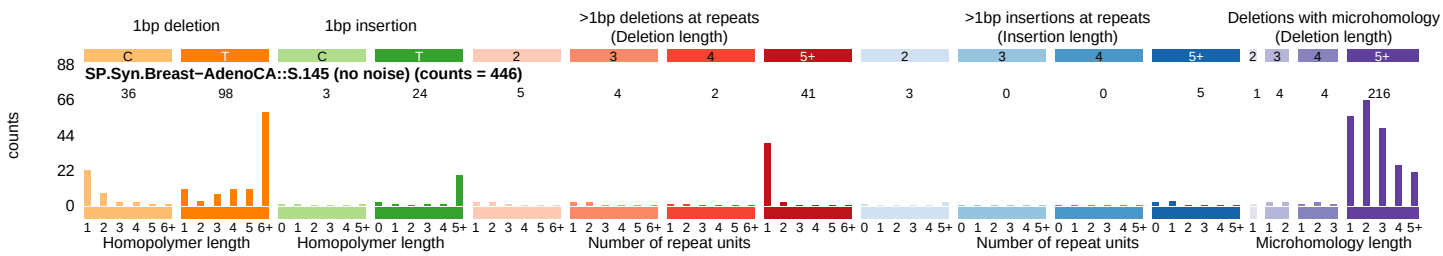

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.140 (no noise) (counts = 116)
30 73 1 9 1 1 0 0 1 0 0 0 0 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

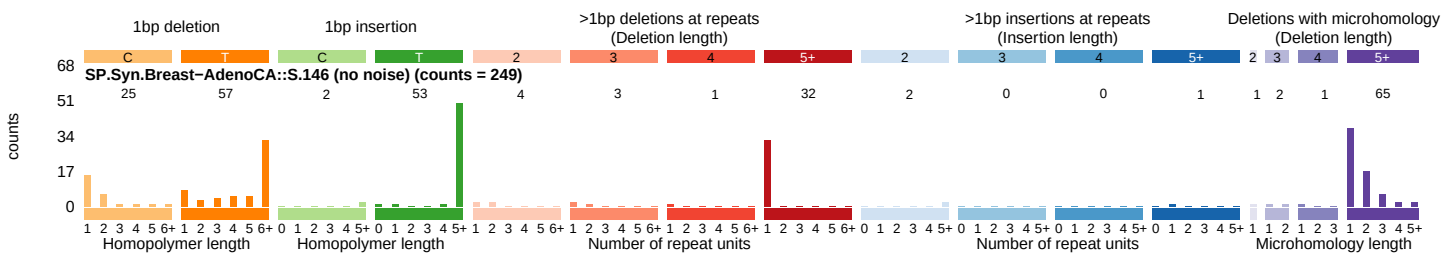

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.141 (no noise) (counts = 464)
22 77 3 80 98 35 24 14 2 0 1 1 49 15 24 19
counts
Homopolymer length
Number of repeat units
Microhomology length

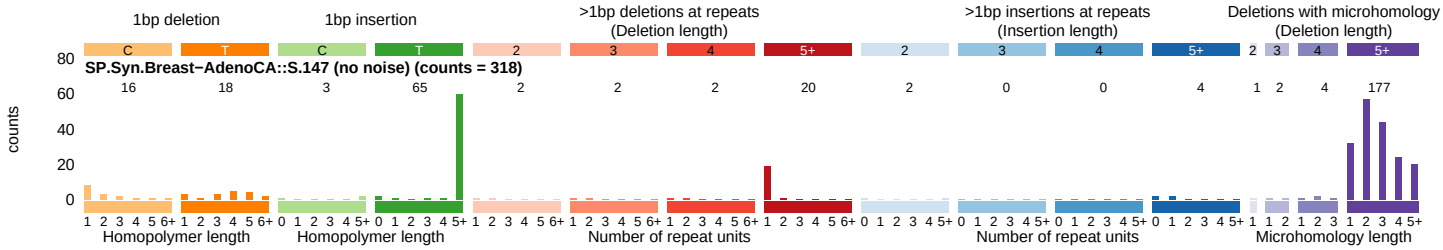

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.142 (no noise) (counts = 918)
69 220 6 82 7 7 4 23 7 1 3 10 1 4 11 463
counts
Homopolymer length
Number of repeat units
Microhomology length

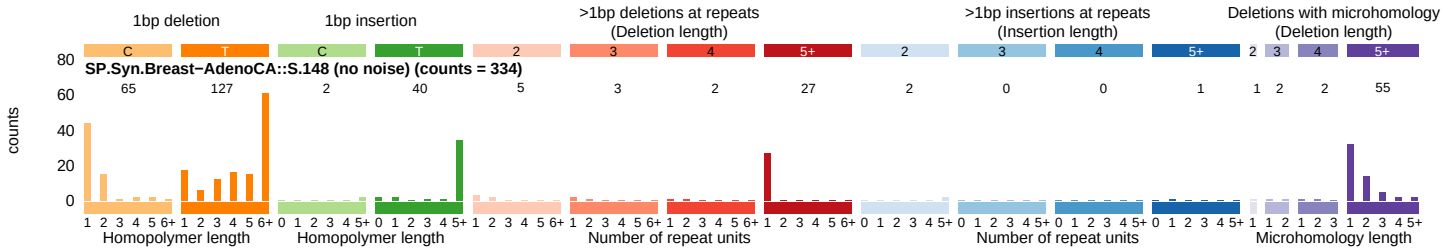

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.143 (no noise) (counts = 291)
70 116 2 45 3 2 2 14 2 0 0 1 1 2 2 29
counts
Homopolymer length
Number of repeat units
Microhomology length

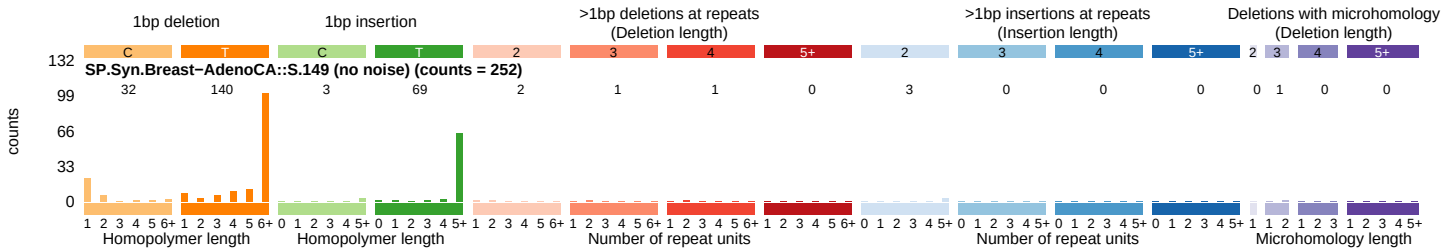

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.144 (no noise) (counts = 507)
36 121 7 117 5 4 2 32 6 0 0 3 1 3 4 166
counts
Homopolymer length
Number of repeat units
Microhomology length

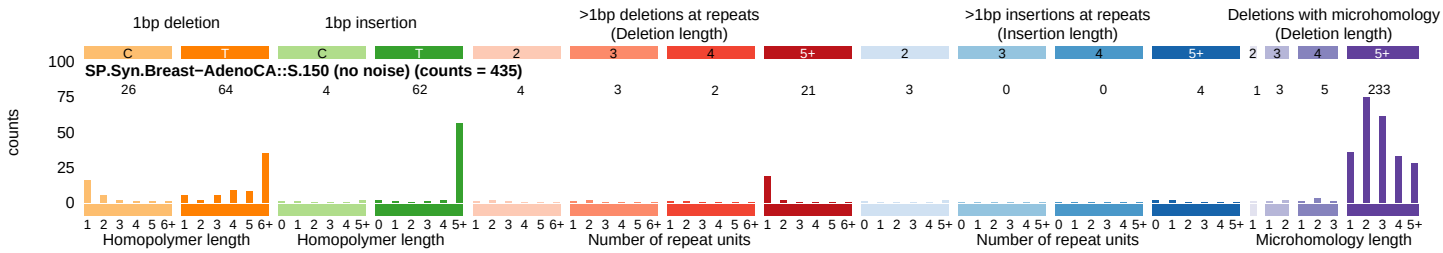

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.145 (no noise) (counts = 446)
36 98 3 24 5 4 2 41 3 0 0 5 1 4 4 216
counts
Homopolymer length
Number of repeat units
Microhomology length

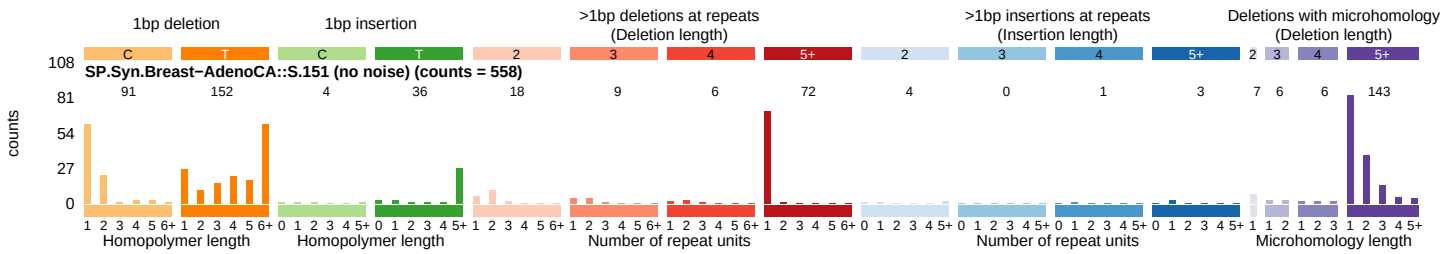

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.146 (no noise) (counts = 249)
25 57 2 53 4 3 1 32 2 0 0 1 1 2 1 65
counts
Homopolymer length
Number of repeat units
Microhomology length

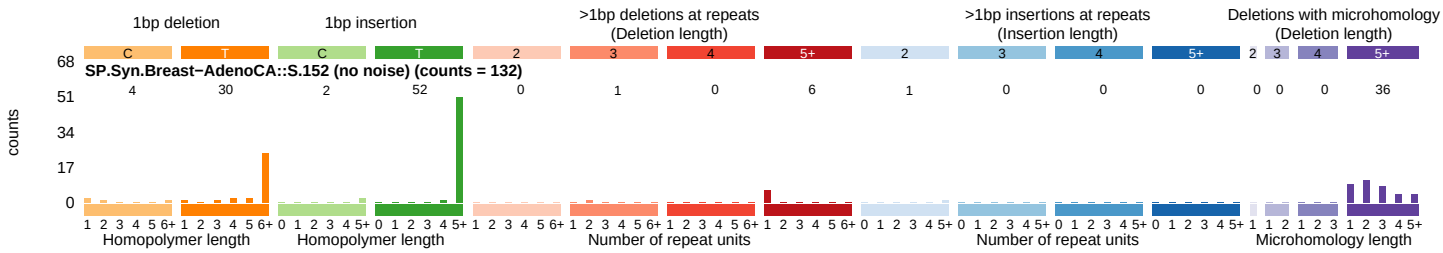

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.147 (no noise) (counts = 318)
16 18 3 65 2 2 2 20 2 0 0 4 1 2 4 177
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

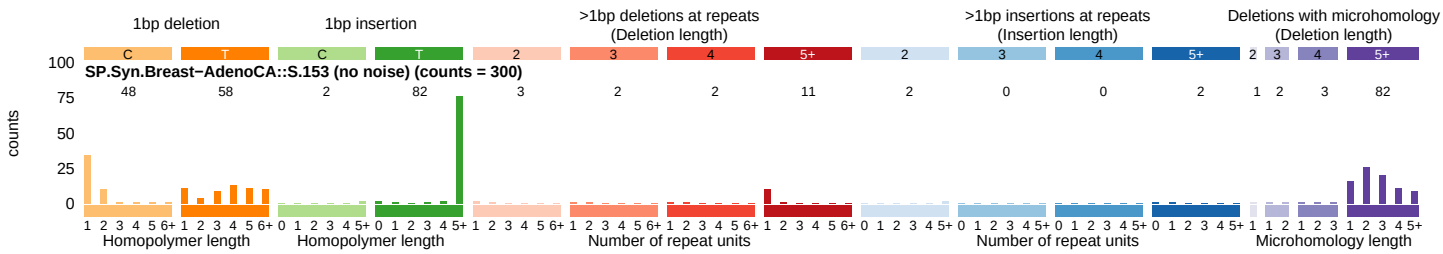

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.148 (no noise) (counts = 334)
65 127 2 40 5 3 2 27 2 0 0 1 1 2 2 55
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

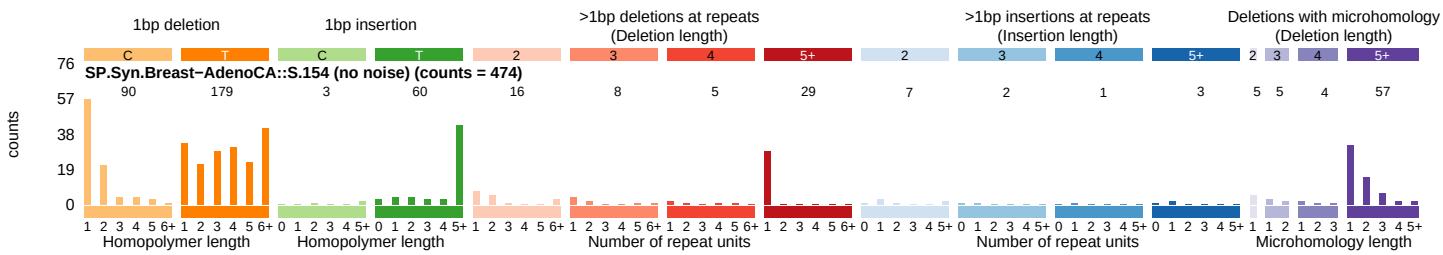

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.149 (no noise) (counts = 252)
32 140 3 69 2 1 1 0 3 0 0 0 0 1 0 0
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

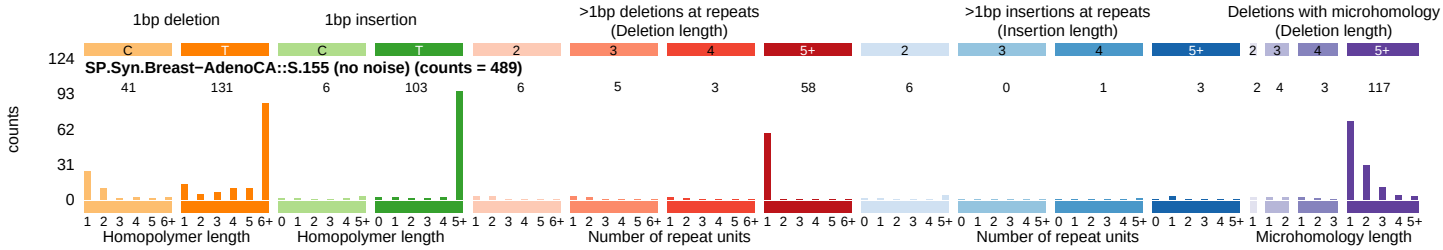

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.150 (no noise) (counts = 435)
26 64 4 62 4 3 2 21 3 0 0 4 1 3 5 233
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

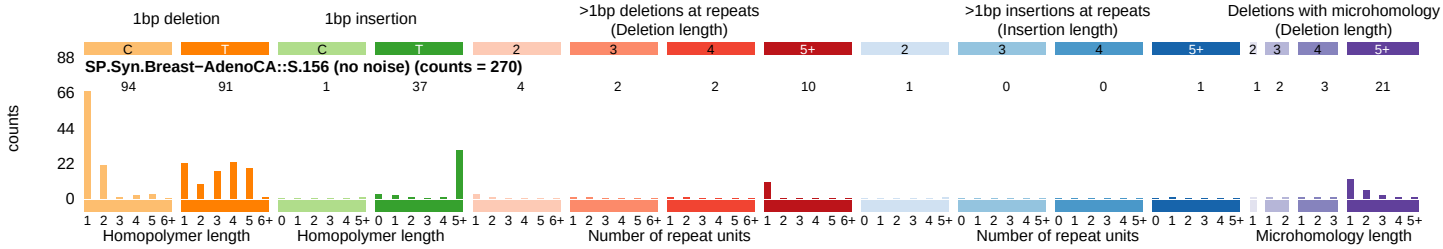

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.151 (no noise) (counts = 558)
91 152 4 36 18 9 6 72 4 0 1 3 7 6 6 143
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

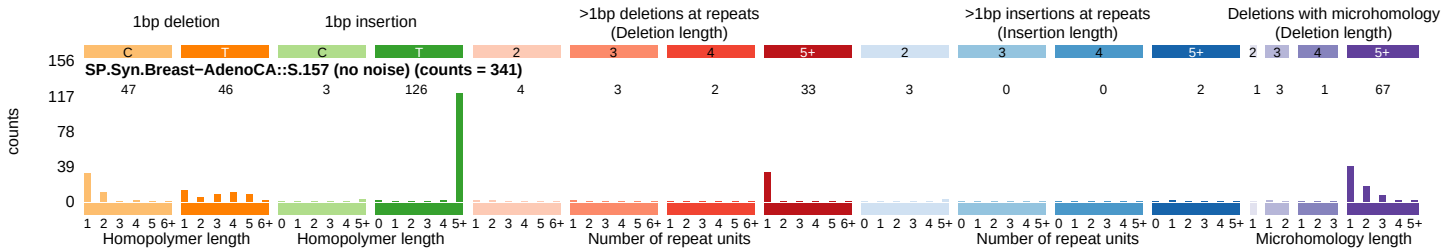

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.152 (no noise) (counts = 132)
4 30 2 52 0 1 0 6 1 0 0 0 0 0 0 36
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

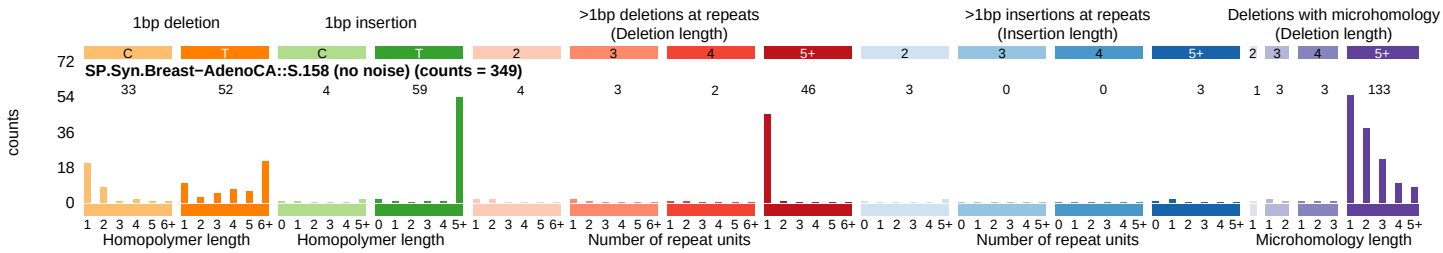

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.153 (no noise) (counts = 300)
48 58 2 82 3 2 2 11 2 0 0 2 1 2 3 82
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

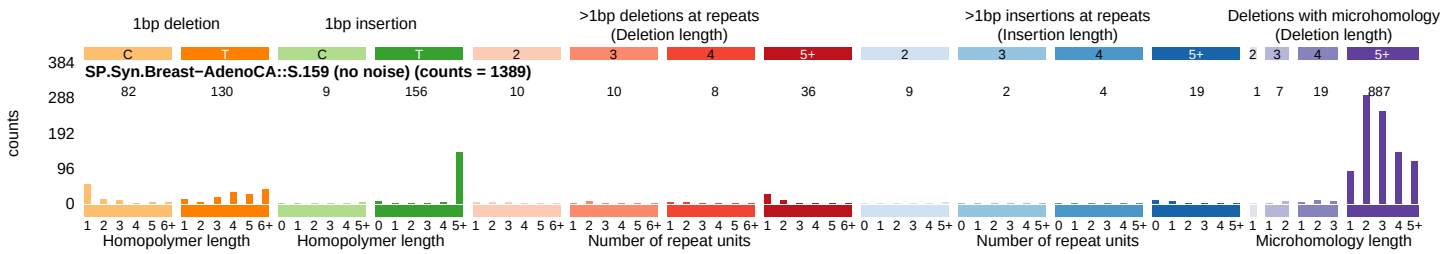

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.154 (no noise) (counts = 474)
90 179 3 60 16 8 5 29 7 2 1 3 5 5 4 57
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

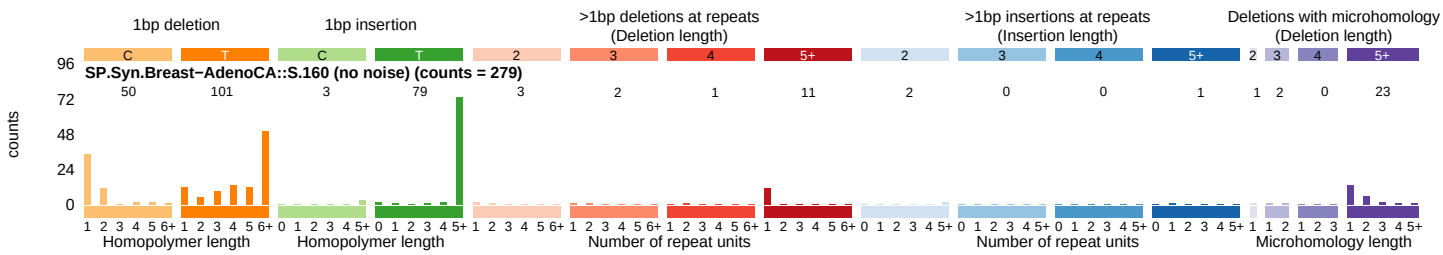

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.155 (no noise) (counts = 489)
41 131 6 103 6 5 3 58 6 0 1 3 2 4 3 117
counts
Homopolymer length
Number of repeat units
Microhomology length

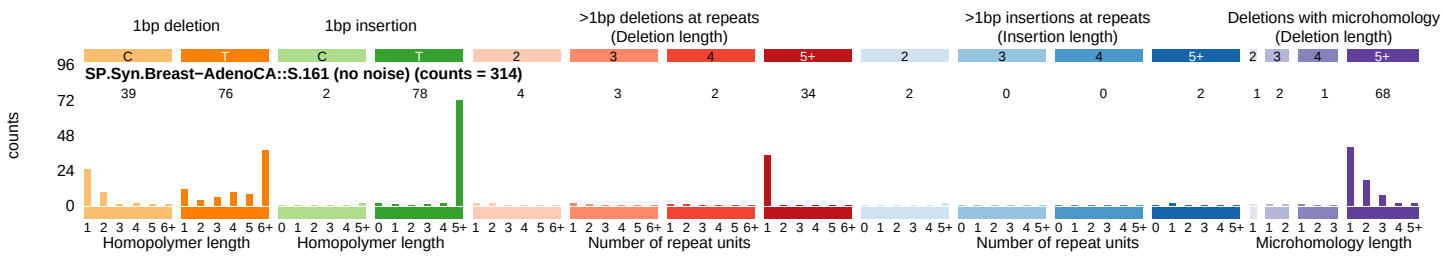

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.156 (no noise) (counts = 270)
94 91 1 37 4 2 2 10 1 0 0 1 1 2 3 21
counts
Homopolymer length
Number of repeat units
Microhomology length

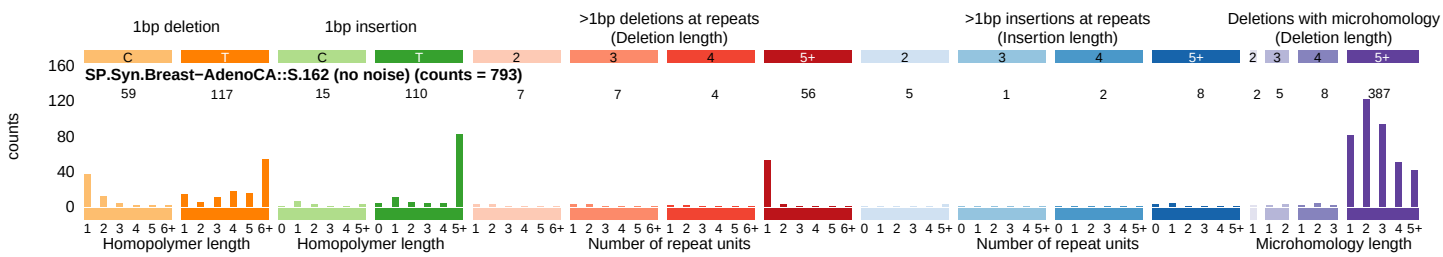

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.157 (no noise) (counts = 341)
47 46 3 126 4 3 2 33 3 0 0 2 1 3 1 67
counts
Homopolymer length
Number of repeat units
Microhomology length

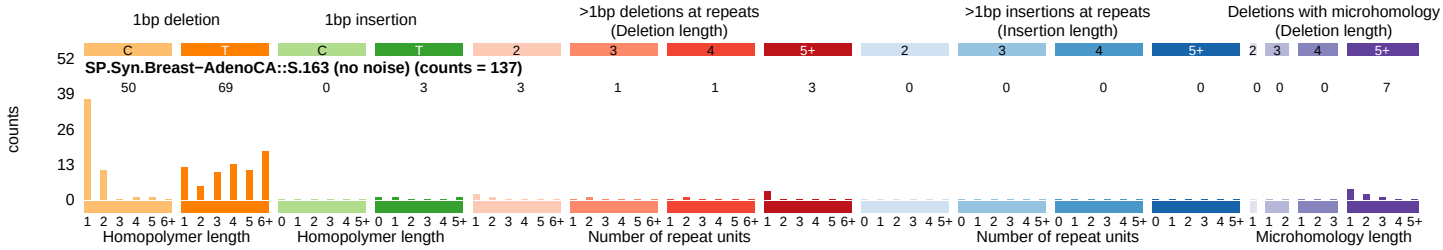

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.158 (no noise) (counts = 349)
33 52 4 59 4 3 2 46 3 0 0 3 1 3 3 133
counts
Homopolymer length
Number of repeat units
Microhomology length

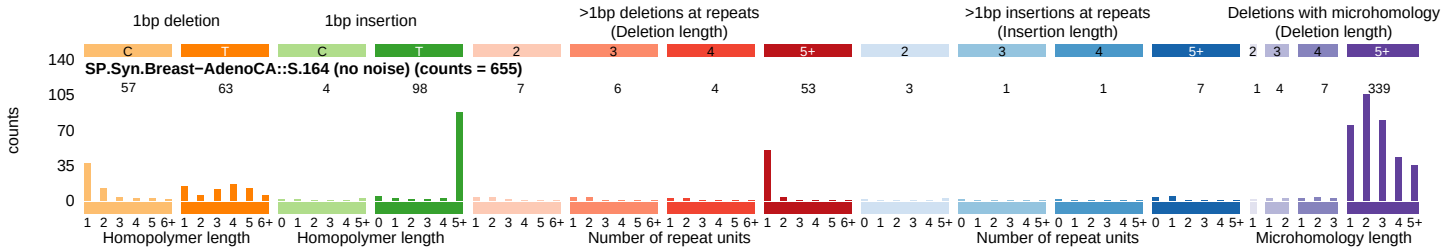

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.159 (no noise) (counts = 1389)
82 130 9 156 10 10 8 36 9 2 4 19 1 7 19 887
counts
Homopolymer length
Number of repeat units
Microhomology length

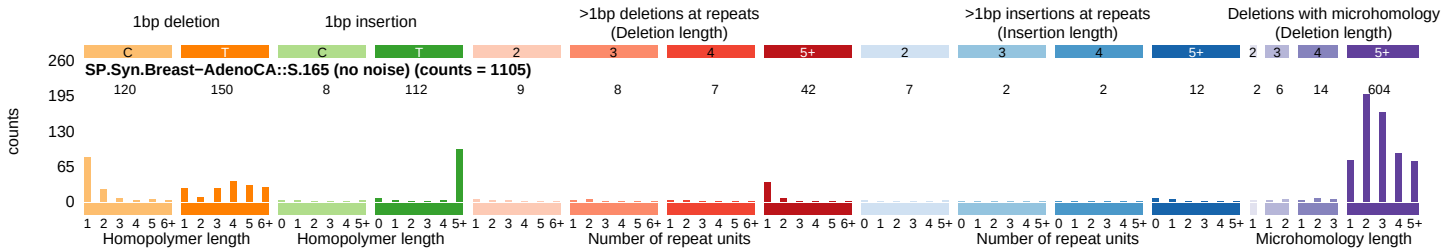

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.160 (no noise) (counts = 279)
50 101 3 79 3 2 1 11 2 0 0 1 1 2 0 23
counts
Homopolymer length
Number of repeat units
Microhomology length

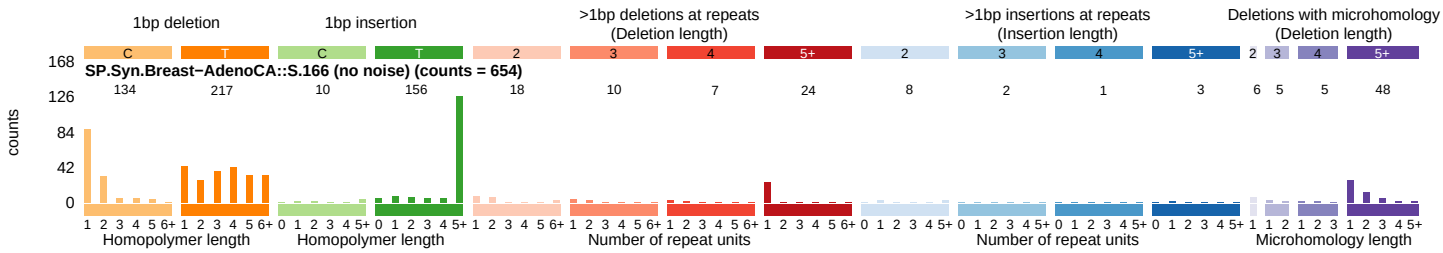

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.161 (no noise) (counts = 314)
39 76 2 78 4 3 2 34 2 0 0 2 1 2 1 68
counts
Homopolymer length
Number of repeat units
Microhomology length

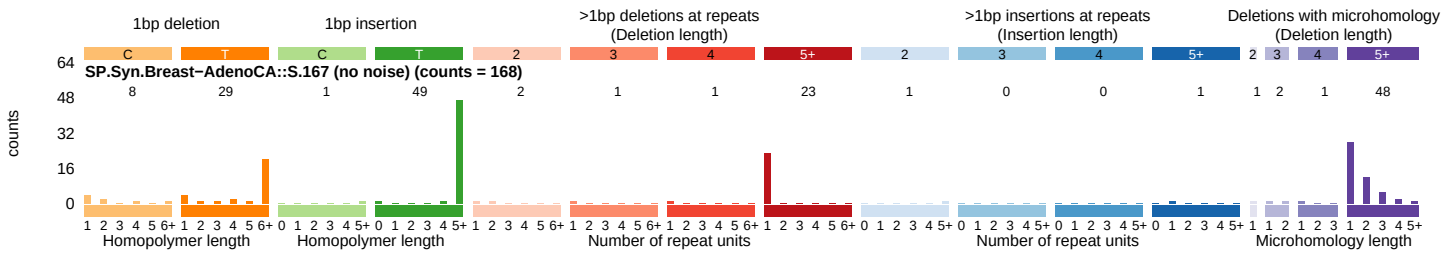

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.162 (no noise) (counts = 793)
59 117 15 110 7 7 4 56 5 1 2 8 2 5 8 387
counts
Homopolymer length
Number of repeat units
Microhomology length

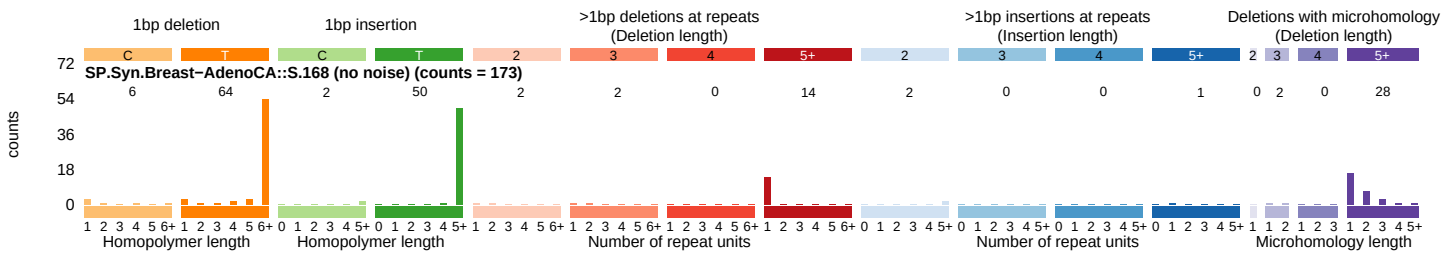

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.163 (no noise) (counts = 137)
counts
Homopolymer length
Number of repeat units
Microhomology length

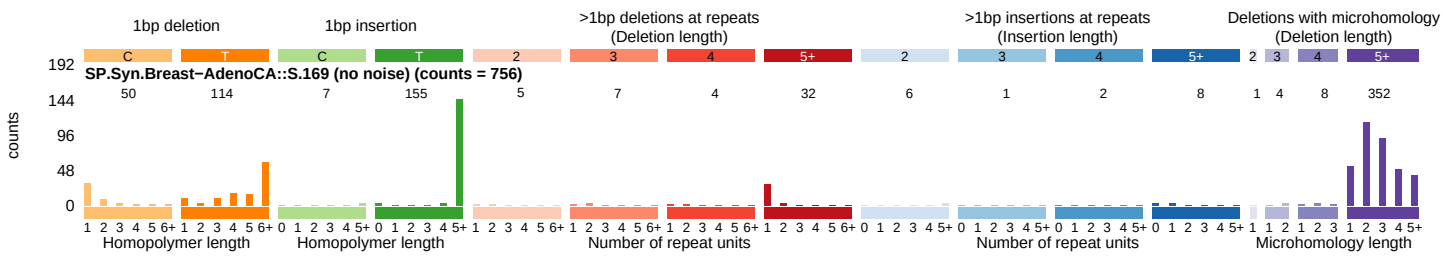

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.164 (no noise) (counts = 655)
counts
Homopolymer length
Number of repeat units
Microhomology length

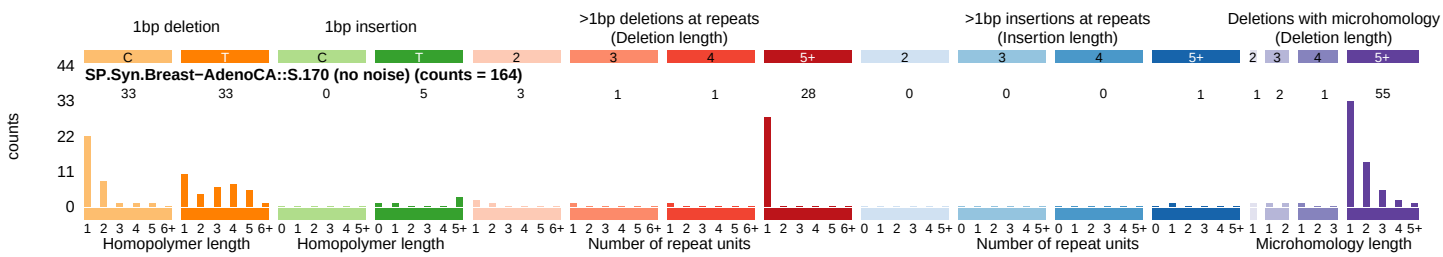

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.165 (no noise) (counts = 1105)
counts
Homopolymer length
Number of repeat units
Microhomology length

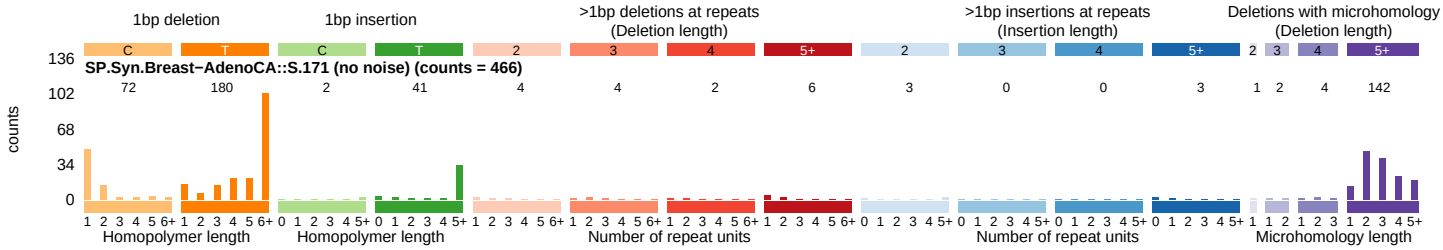

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.166 (no noise) (counts = 654)
counts
Homopolymer length
Number of repeat units
Microhomology length

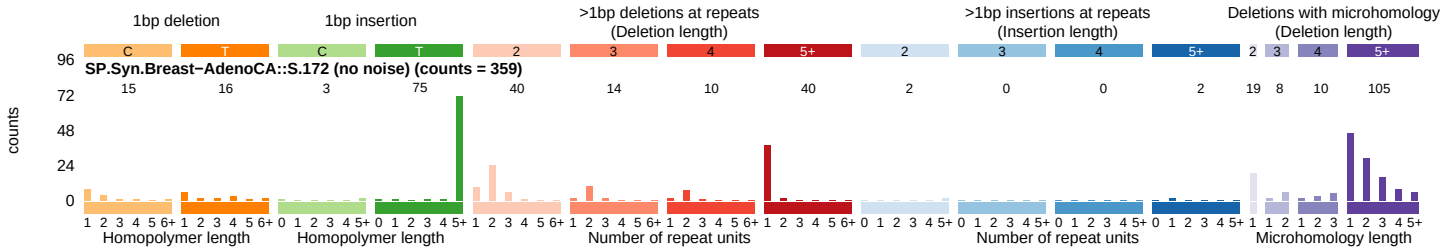

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.167 (no noise) (counts = 168)
counts
Homopolymer length
Number of repeat units
Microhomology length

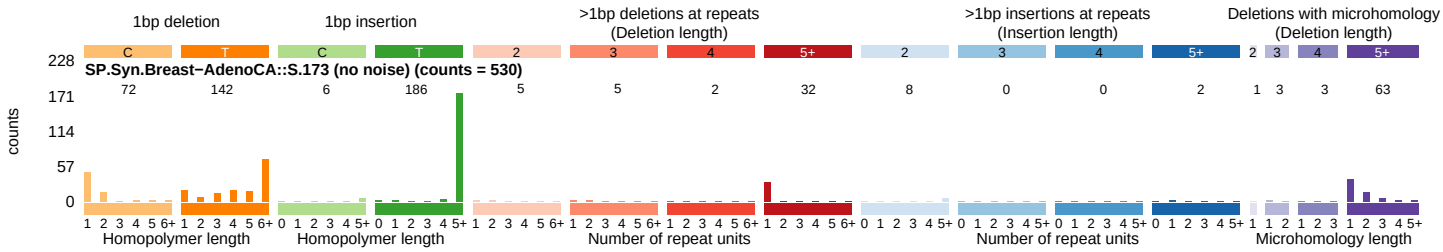

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.168 (no noise) (counts = 173)
counts
Homopolymer length
Number of repeat units
Microhomology length

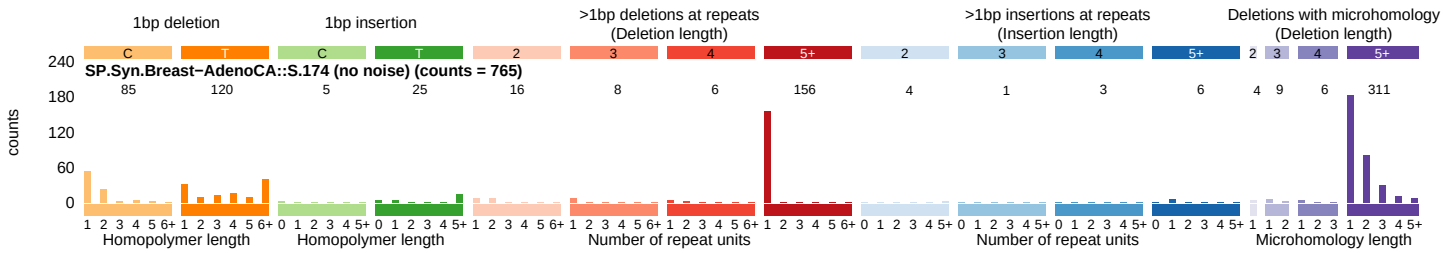

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.169 (no noise) (counts = 756)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 = 164)
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 466)
72 180 2 41 4 4 2 6 3 0 0 3 1 2 4 142
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.Breast−AdenoCA::S.172 (no noise) (counts = 359)
15 16 3 75 40 14 10 40 2 0 0 2 19 8 10 105
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 530)
72 142 6 186 5 5 2 32 8 0 0 2 1 3 3 63
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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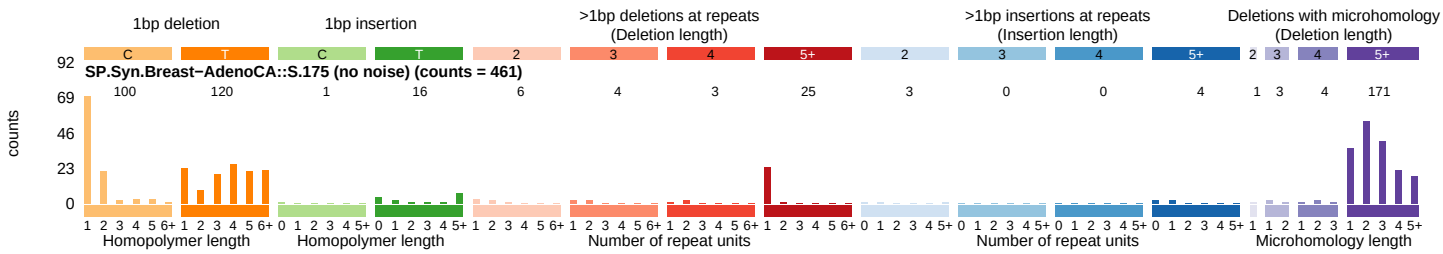
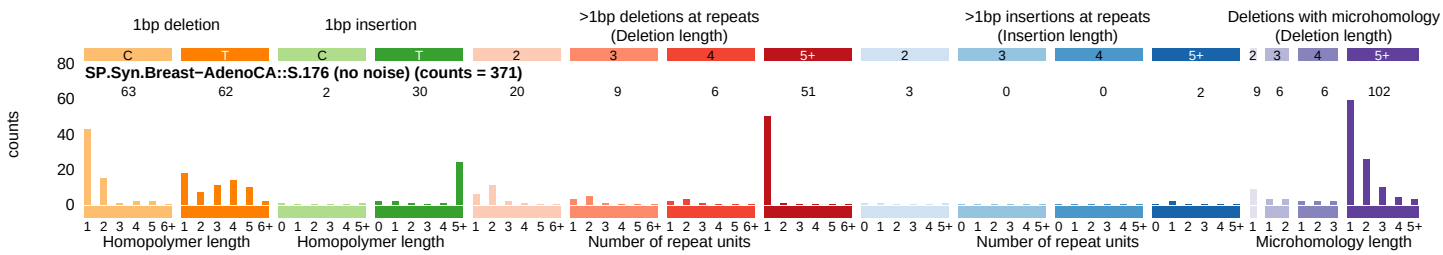
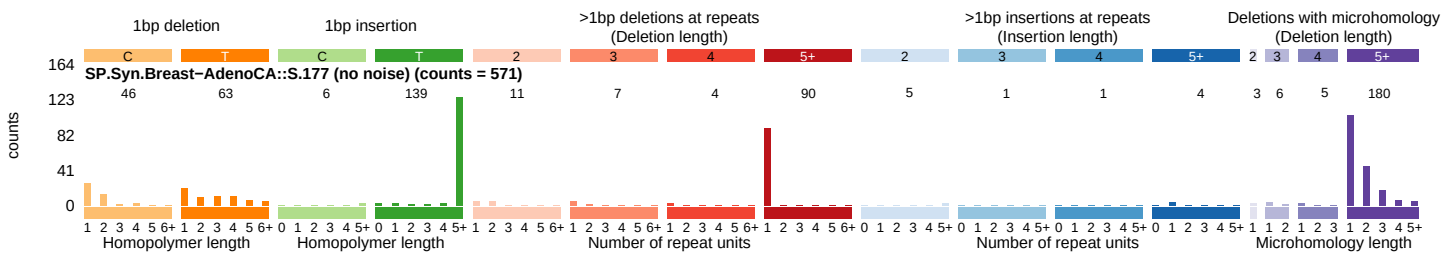
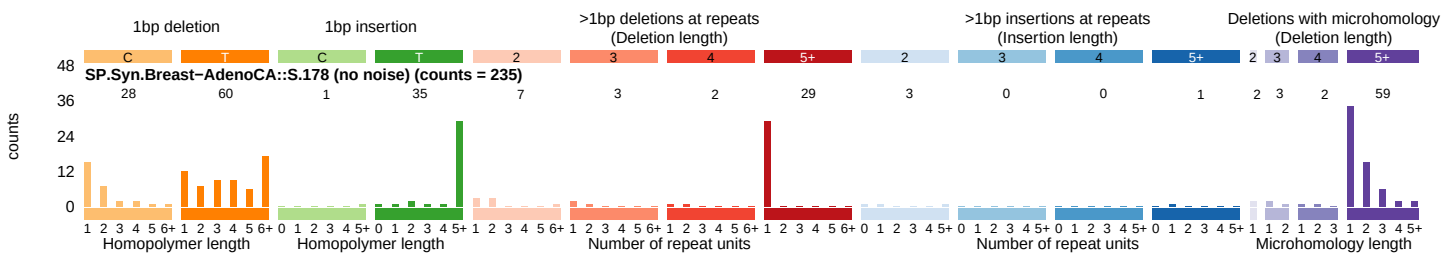
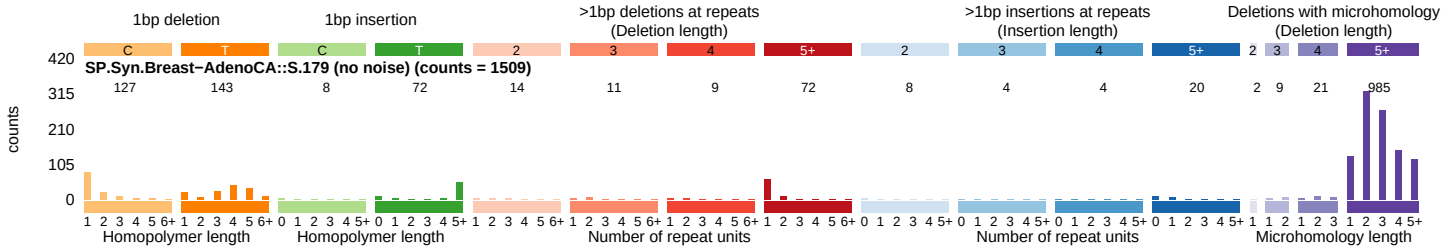
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.174 (no noise) (counts = 765)
85 120 5 25 16 8 6 156 4 1 3 6 4 9 6 311
counts
Homopolymer length
Number of repeat units
Microhomology length

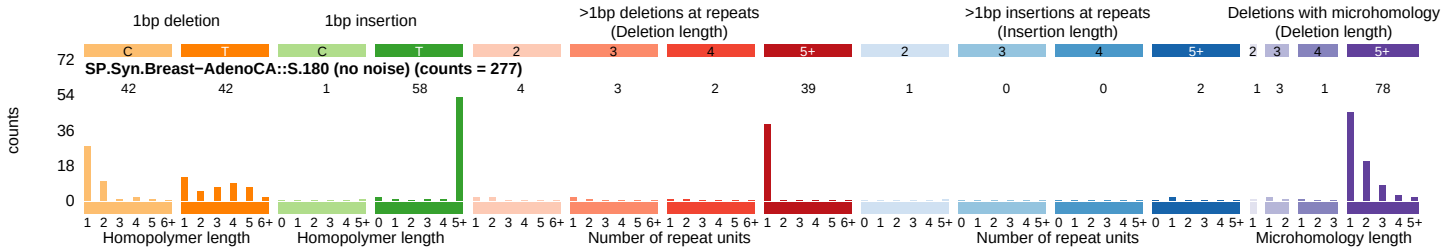

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.175 (no noise) (counts = 461)
100 120 1 16 6 4 3 25 3 0 0 4 1 3 4 171
counts
Homopolymer length
Number of repeat units
Microhomology length

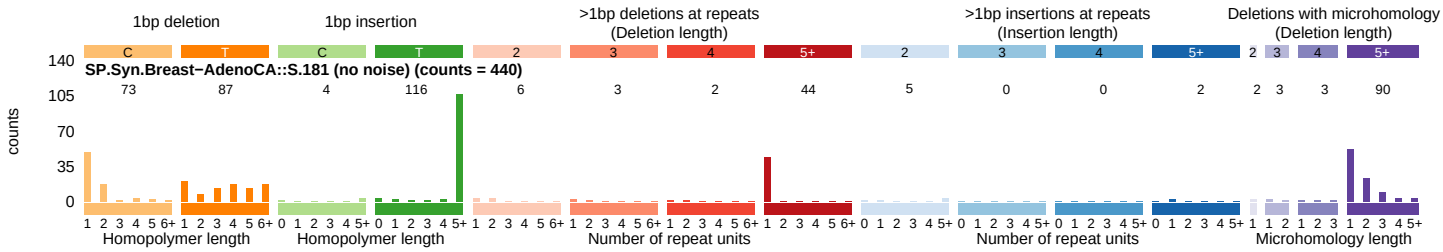

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.176 (no noise) (counts = 371)
63 62 2 30 20 9 6 51 3 0 0 2 9 6 6 102
counts
Homopolymer length
Number of repeat units
Microhomology length

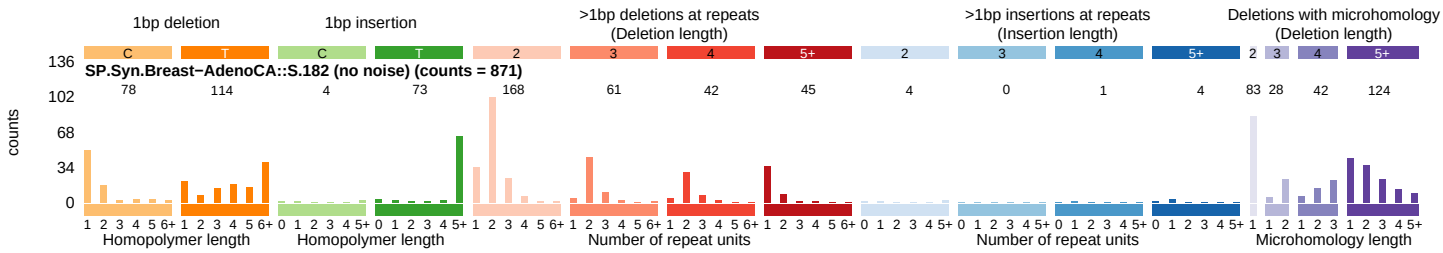

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.177 (no noise) (counts = 571)
46 63 6 139 11 7 4 90 5 1 1 4 3 6 5 180
counts
Homopolymer length
Number of repeat units
Microhomology length

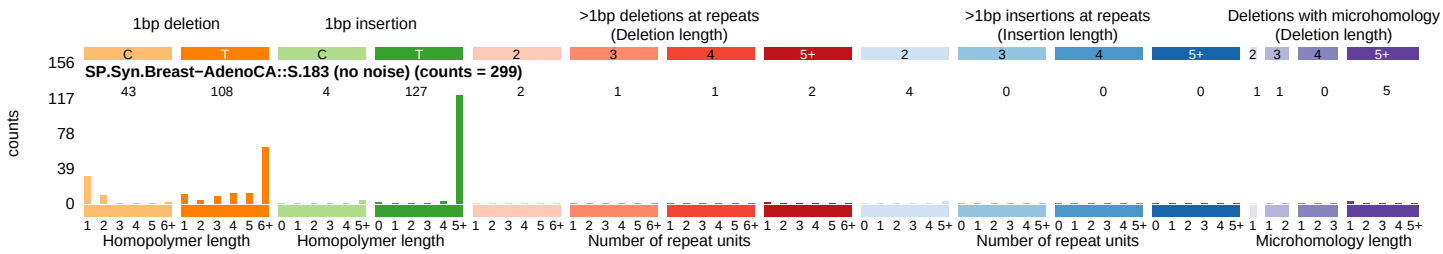

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.178 (no noise) (counts = 235)
28 60 1 35 7 3 2 29 3 0 0 1 2 3 2 59
counts
Homopolymer length
Number of repeat units
Microhomology length

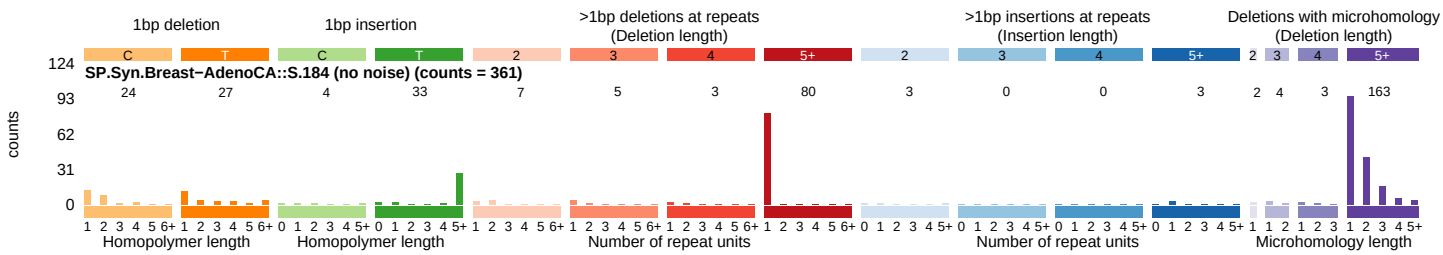

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.179 (no noise) (counts = 1509)
127 143 8 72 14 11 9 72 8 4 4 20 2 9 21 985
counts
Homopolymer length
Number of repeat units
Microhomology length

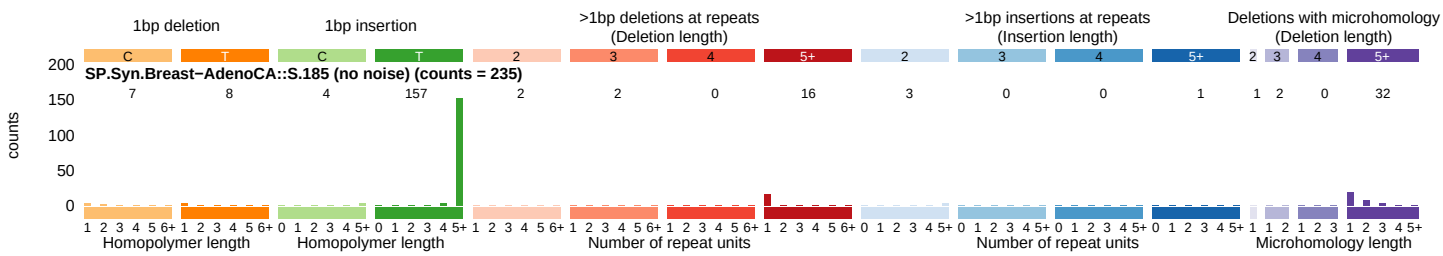

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.180 (no noise) (counts = 277)
42 42 1 58 4 3 2 39 1 0 0 2 1 3 1 78
counts
Homopolymer length
Number of repeat units
Microhomology length

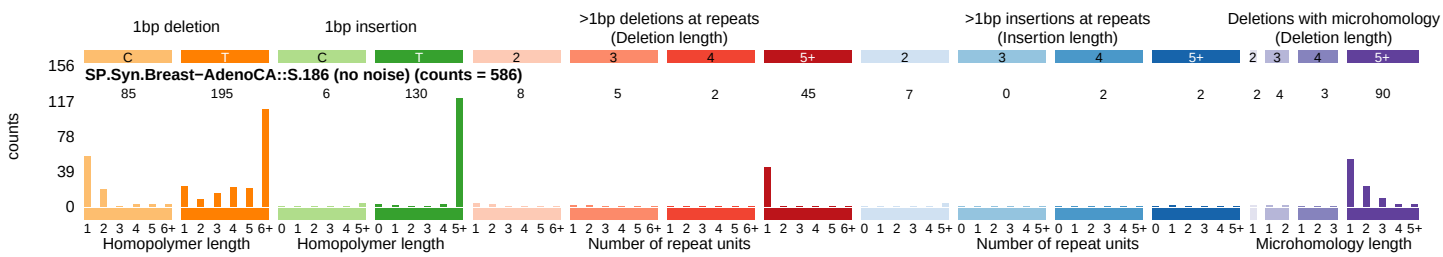

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.181 (no noise) (counts = 440)
73 87 4 116 6 3 2 44 5 0 0 2 2 3 3 90
counts
Homopolymer length
Number of repeat units
Microhomology length

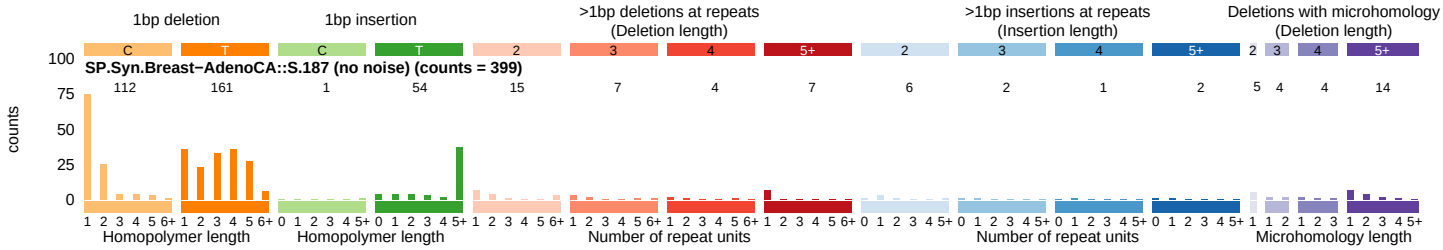

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.182 (no noise) (counts = 871)
78 114 4 73 168 61 42 45 4 0 1 4 83 28 42 124
counts
Homopolymer length
Number of repeat units
Microhomology length

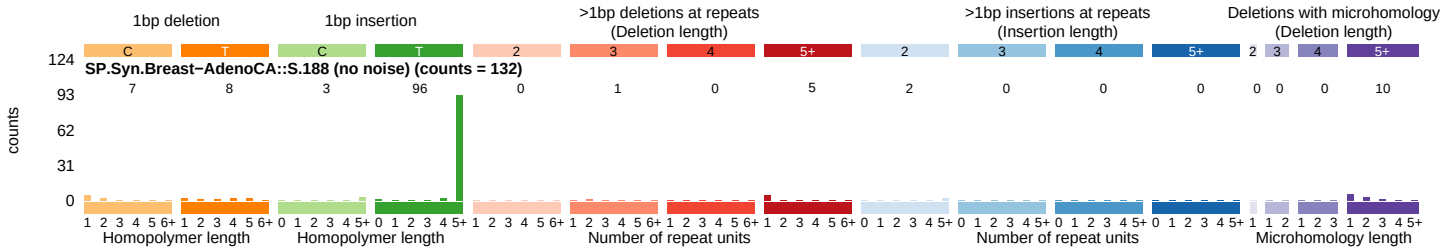

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.183 (no noise) (counts = 299)
43 108 4 127 2 1 1 2 4 0 0 0 1 1 0 5
counts
Homopolymer length
Number of repeat units
Microhomology length

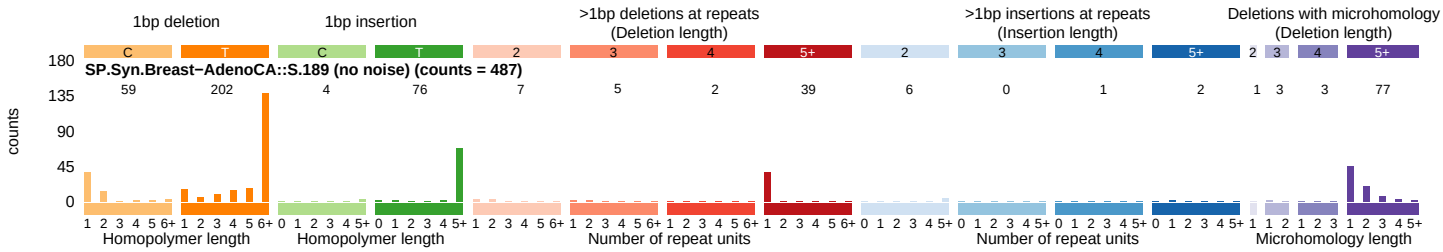

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.184 (no noise) (counts = 361)
24 27 4 33 7 5 3 80 3 0 0 3 2 4 3 163
counts
Homopolymer length
Number of repeat units
Microhomology length

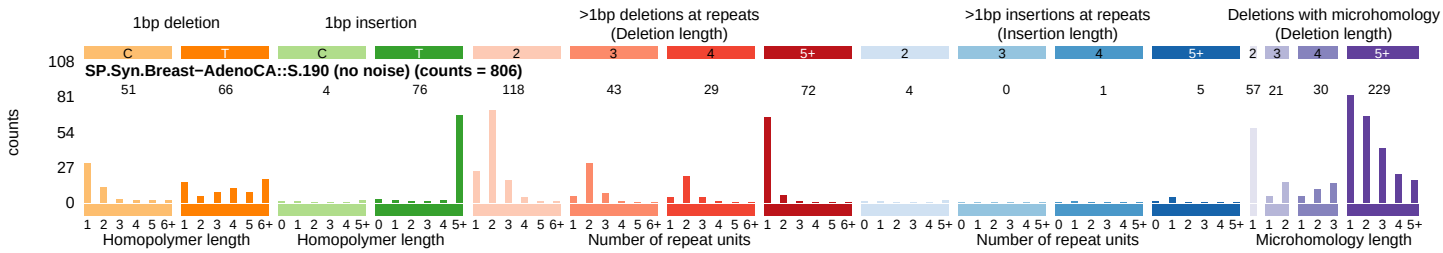

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.185 (no noise) (counts = 235)
7 8 4 157 2 2 0 16 3 0 0 1 1 2 0 32
counts
Homopolymer length
Number of repeat units
Microhomology length

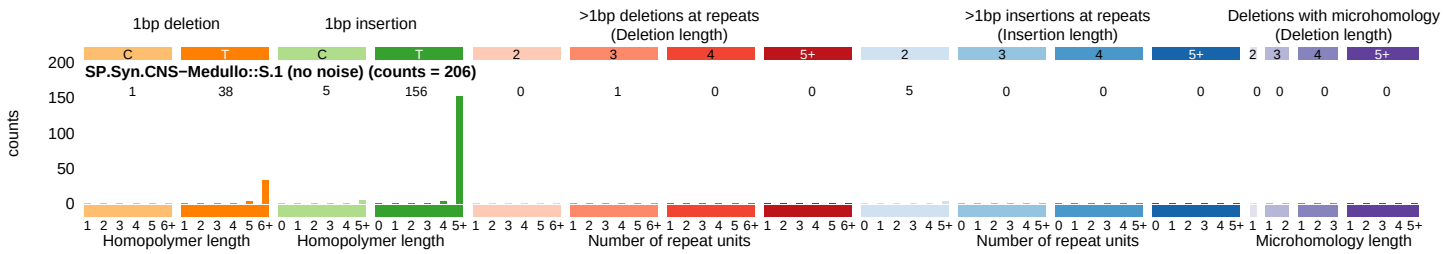

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.186 (no noise) (counts = 586)
85 195 6 130 8 5 2 45 7 0 2 2 2 4 3 90
counts
Homopolymer length
Number of repeat units
Microhomology length

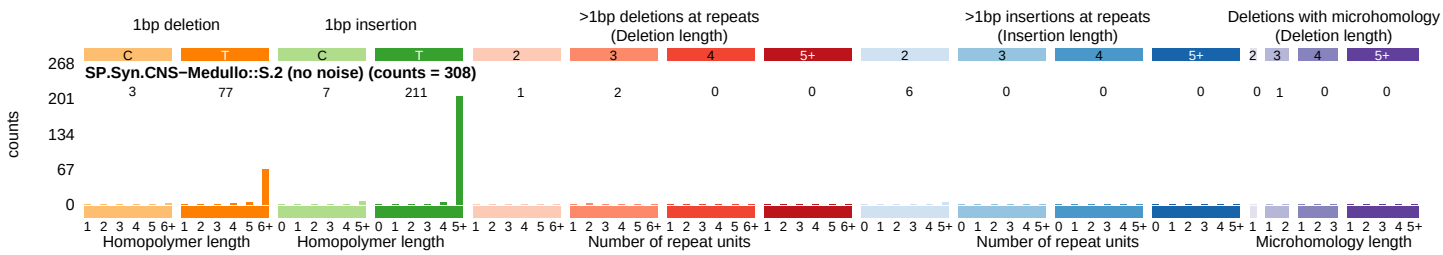

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.187 (no noise) (counts = 399)
112 161 1 54 15 7 4 7 6 2 1 2 5 4 4 14
counts
Homopolymer length
Number of repeat units
Microhomology length

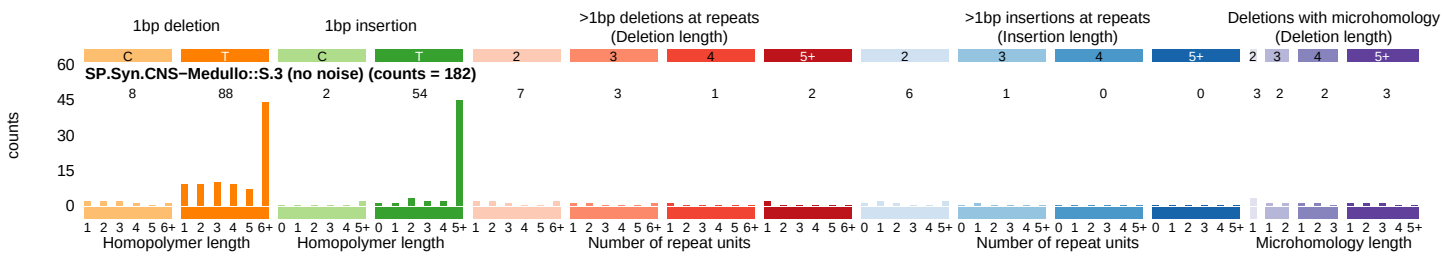

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.188 (no noise) (counts = 132)
7 8 3 96 0 1 0 5 2 0 0 0 0 0 0 10
counts
Homopolymer length
Number of repeat units
Microhomology length

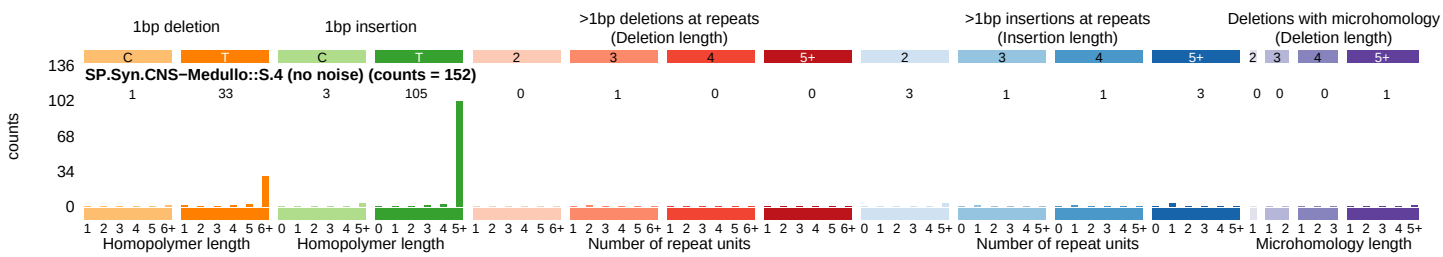

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.189 (no noise) (counts = 487)
59 202 4 76 7 5 2 39 6 0 1 2 1 3 3 77
counts
Homopolymer length
Number of repeat units
Microhomology length

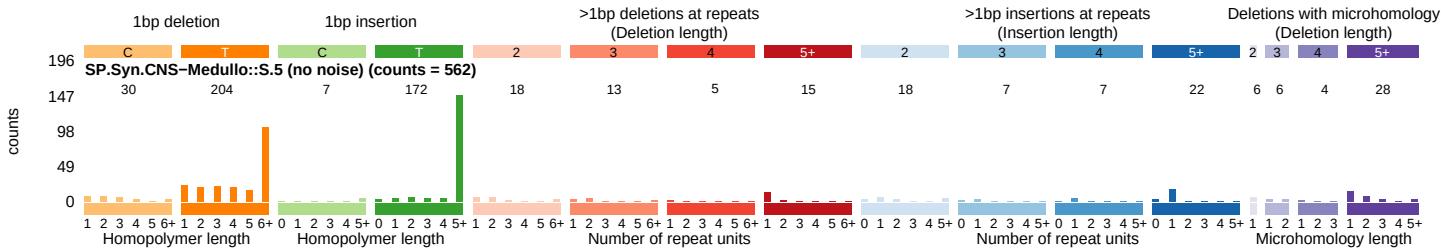

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.190 (no noise) (counts = 806)
51 66 4 76 118 43 29 72 4 0 1 5 57 21 30 229
counts
Homopolymer length
Number of repeat units
Microhomology length

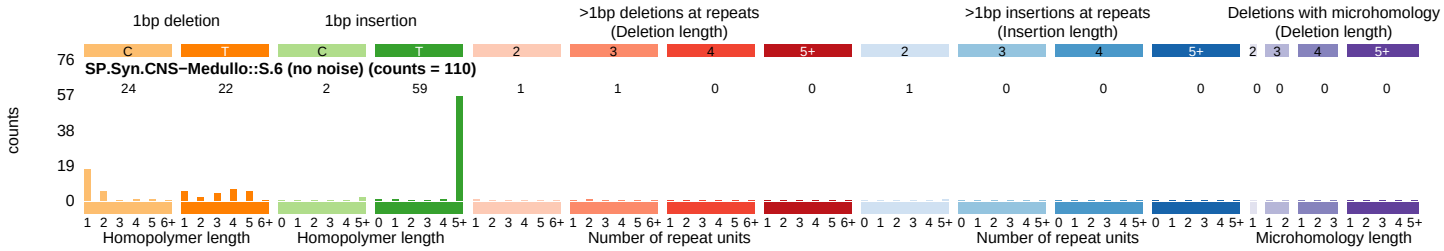

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.1 (no noise) (counts = 206)
1 38 5 156 0 1 0 0 5 0 0 0 0 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

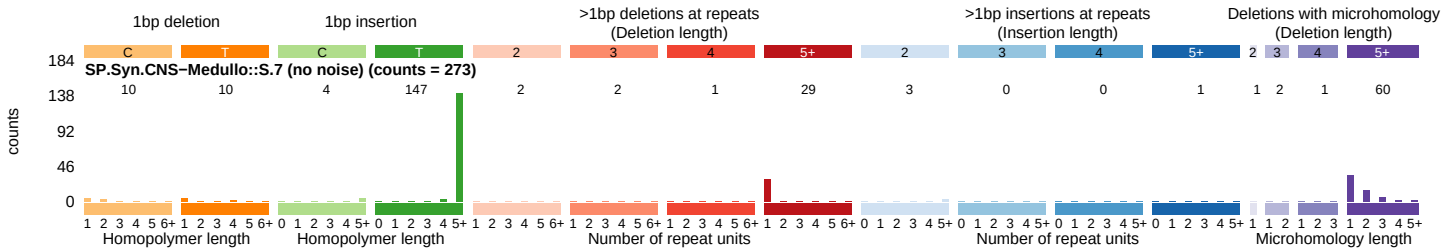

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.2 (no noise) (counts = 308)
3 77 7 211 1 2 0 0 6 0 0 0 0 1 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

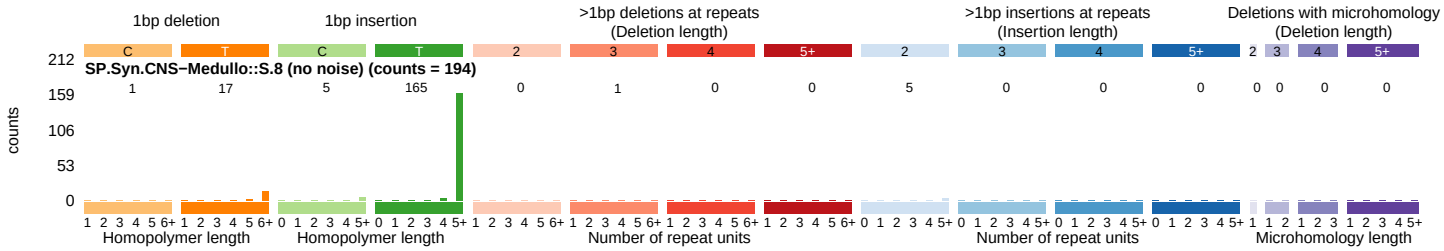

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.3 (no noise) (counts = 182)
8 88 2 54 7 3 1 2 6 1 0 0 3 2 2 3
counts
Homopolymer length
Number of repeat units
Microhomology length

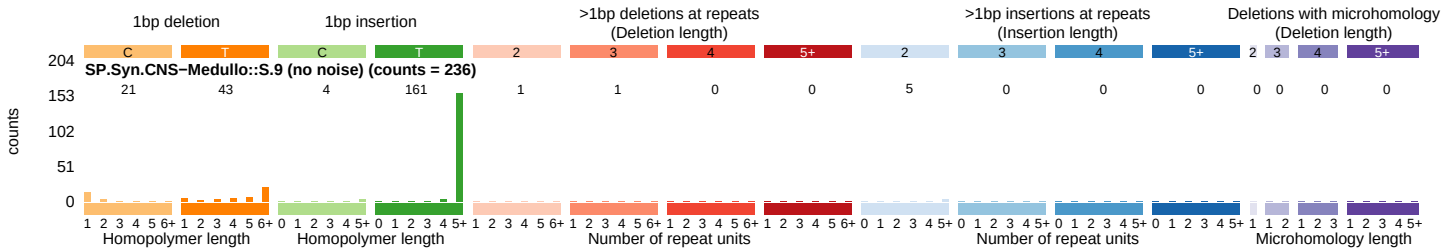

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.4 (no noise) (counts = 152)
1 33 3 105 0 1 0 0 3 1 1 3 0 0 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length

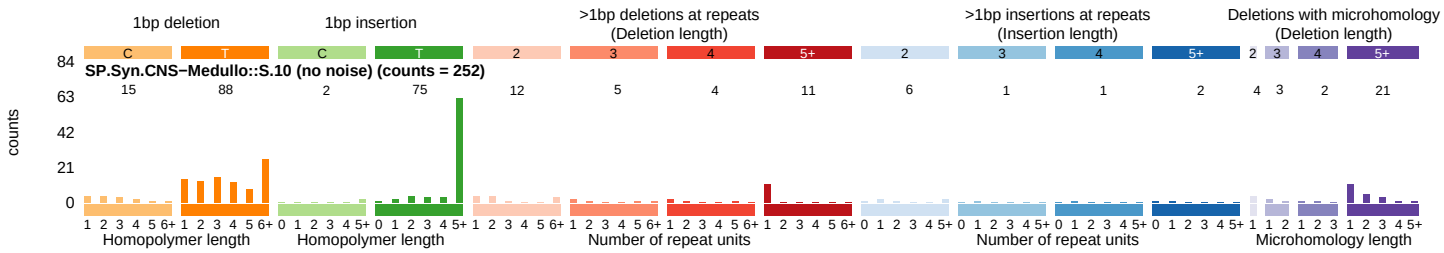

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.5 (no noise) (counts = 562)
counts
Homopolymer length
Number of repeat units
Microhomology length

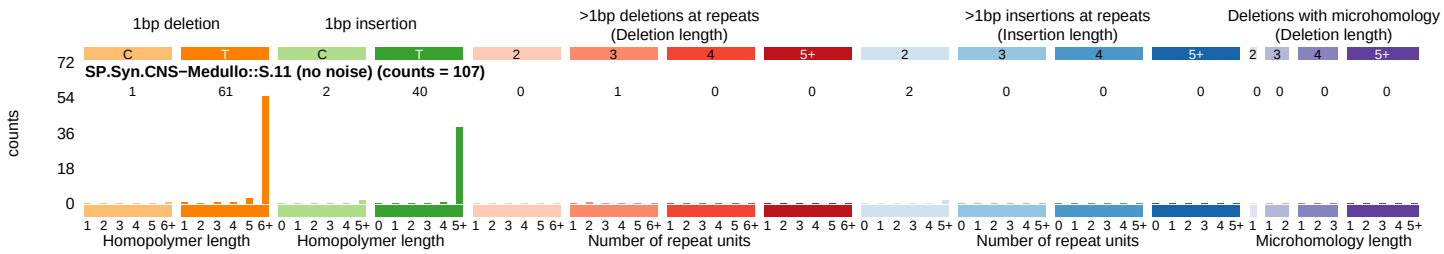

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.6 (no noise) (counts = 110)
counts
Homopolymer length
Number of repeat units
Microhomology length

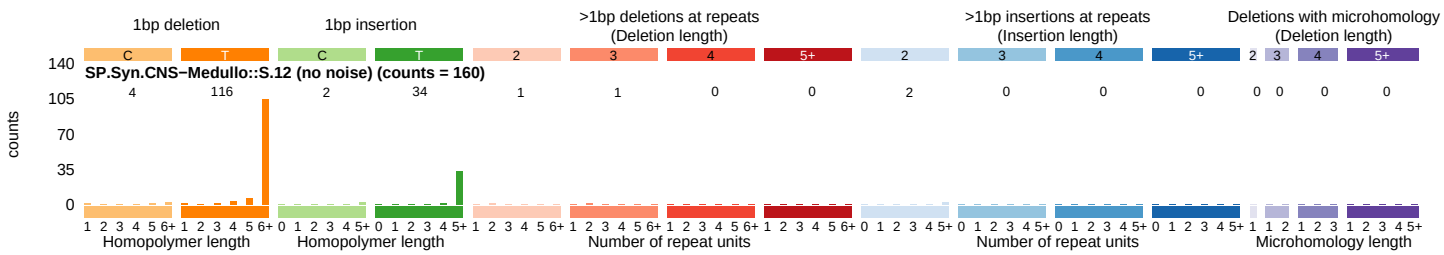

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.7 (no noise) (counts = 273)
counts
Homopolymer length
Number of repeat units
Microhomology length

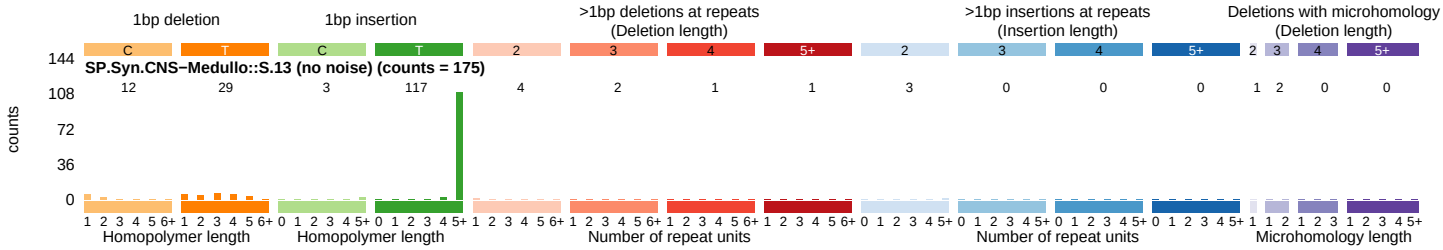

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.8 (no noise) (counts = 194)
counts
Homopolymer length
Number of repeat units
Microhomology length

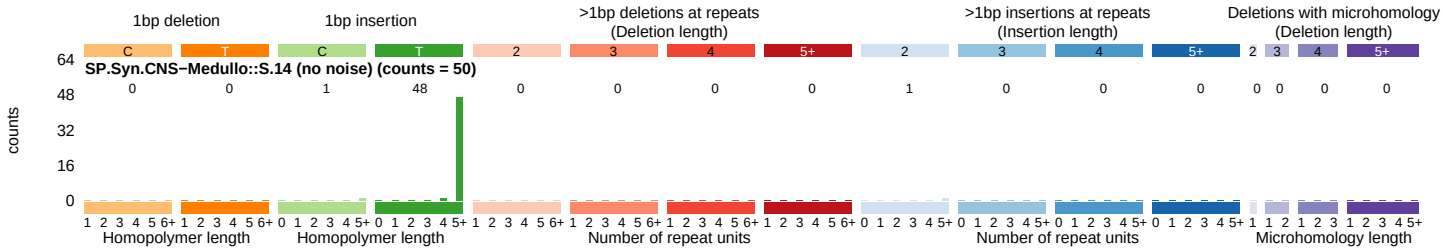

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.9 (no noise) (counts = 236)
counts
Homopolymer length
Number of repeat units
Microhomology length

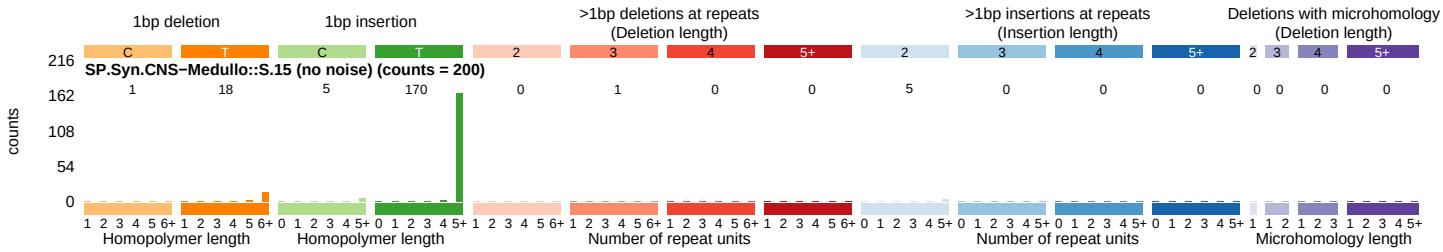

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.10 (no noise) (counts = 252)
counts
Homopolymer length
Number of repeat units
Microhomology length

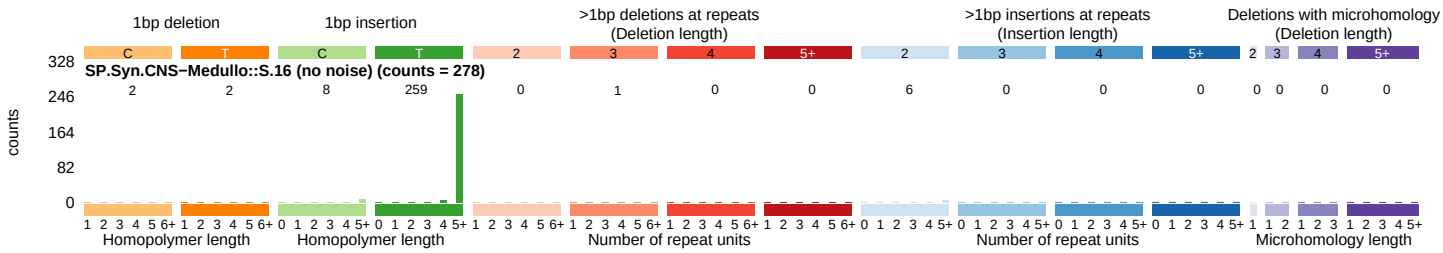

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.11 (no noise) (counts = 107)
counts
Homopolymer length
Number of repeat units
Microhomology length

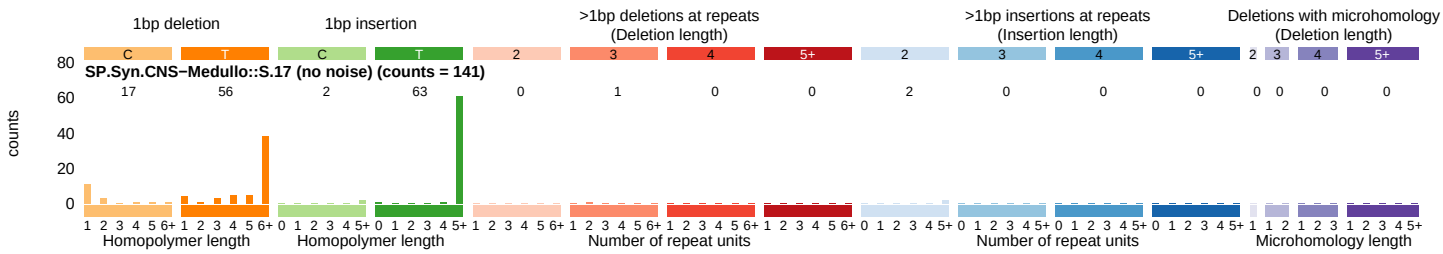

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.12 (no noise) (counts = 160)
counts
Homopolymer length
Number of repeat units
Microhomology length

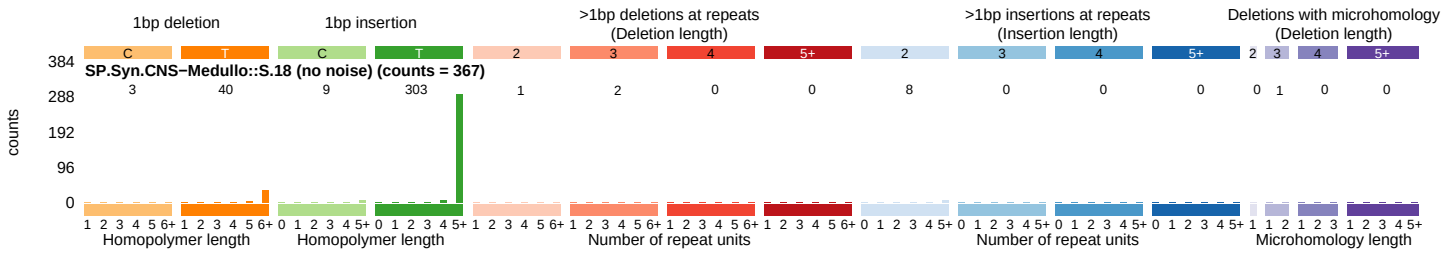

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.13 (no noise) (counts = 175)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.14 (no noise) (counts = 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.CNS−Medullo::S.15 (no noise) (counts = 200)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.16 (no noise) (counts = 278)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.17 (no noise) (counts = 141)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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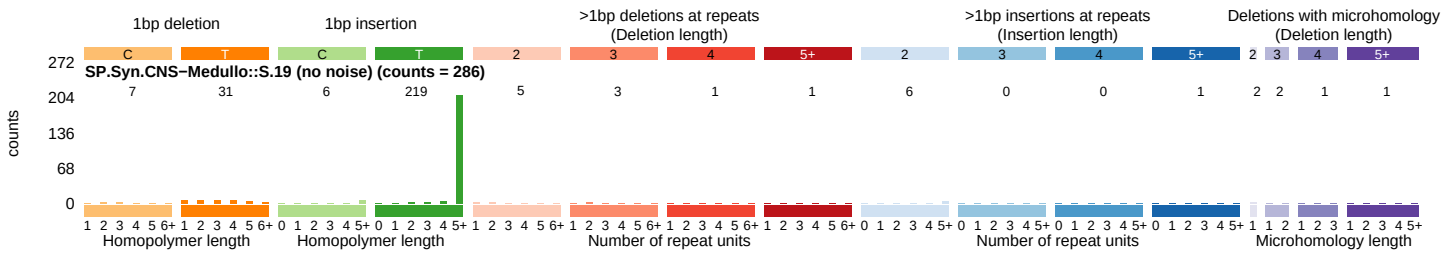
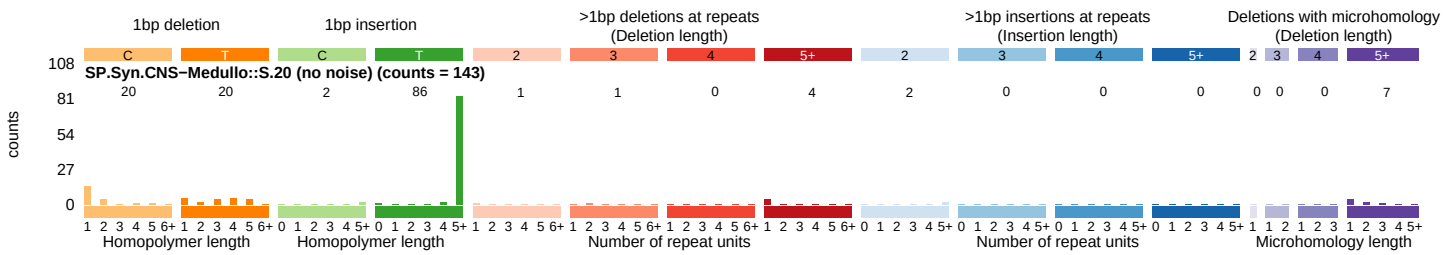
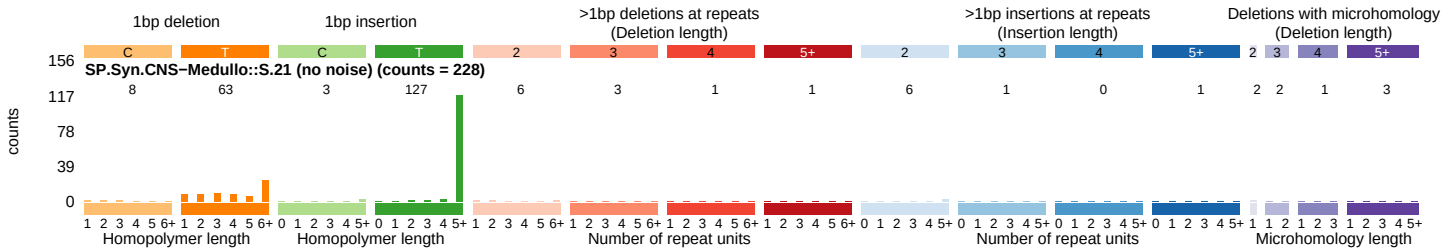
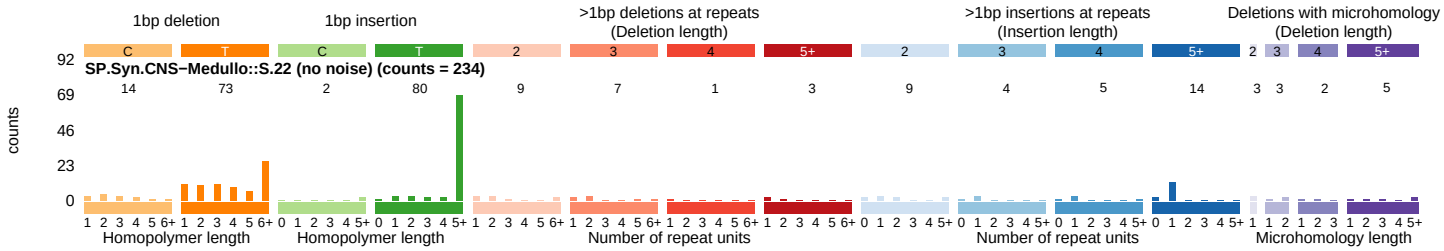
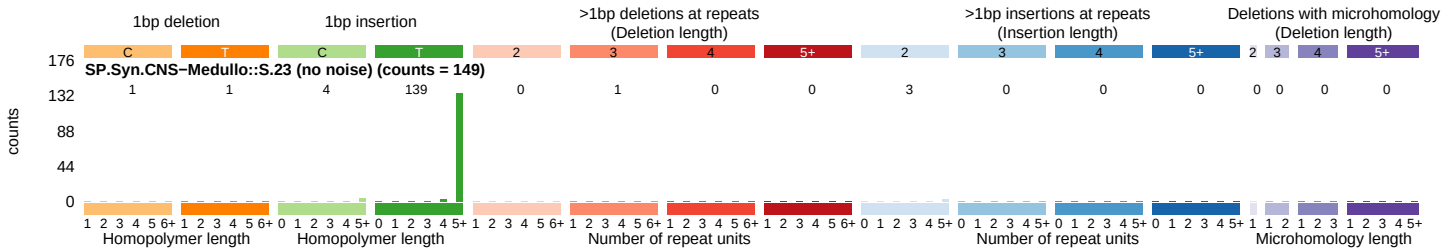
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.18 (no noise) (counts = 367)
counts
Homopolymer length
Number of repeat units
Microhomology length

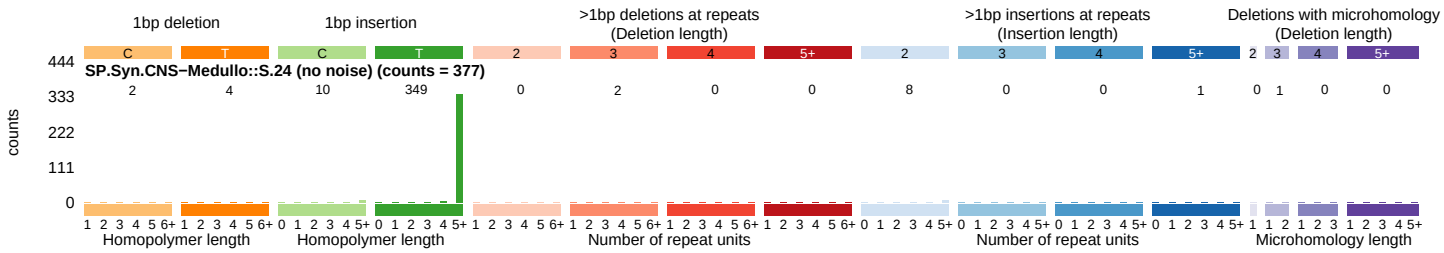

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.19 (no noise) (counts = 286)
counts
Homopolymer length
Number of repeat units
Microhomology length

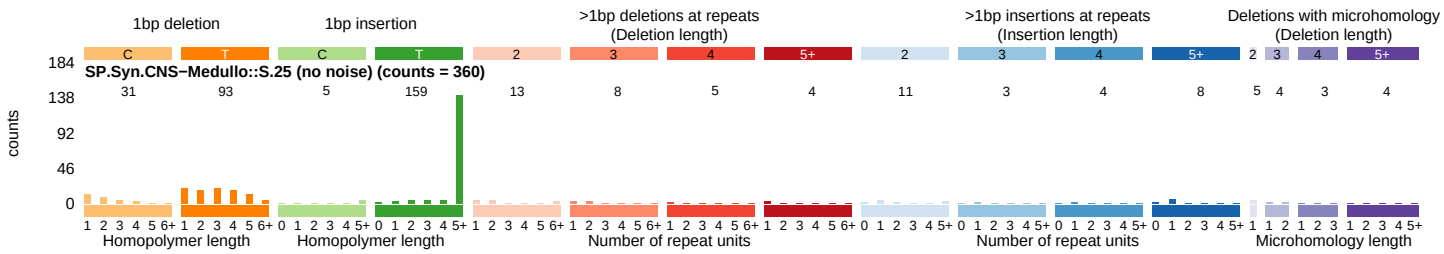

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.20 (no noise) (counts = 143)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.21 (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.CNS−Medullo::S.22 (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.CNS−Medullo::S.23 (no noise) (counts = 149)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.24 (no noise) (counts = 377)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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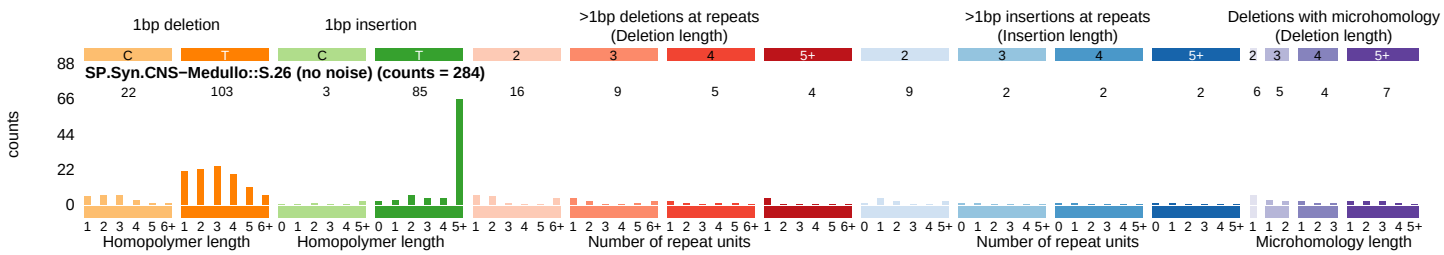
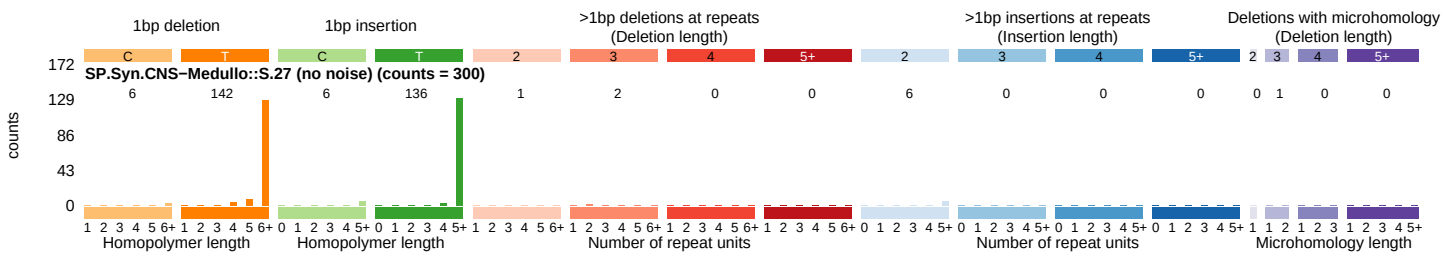
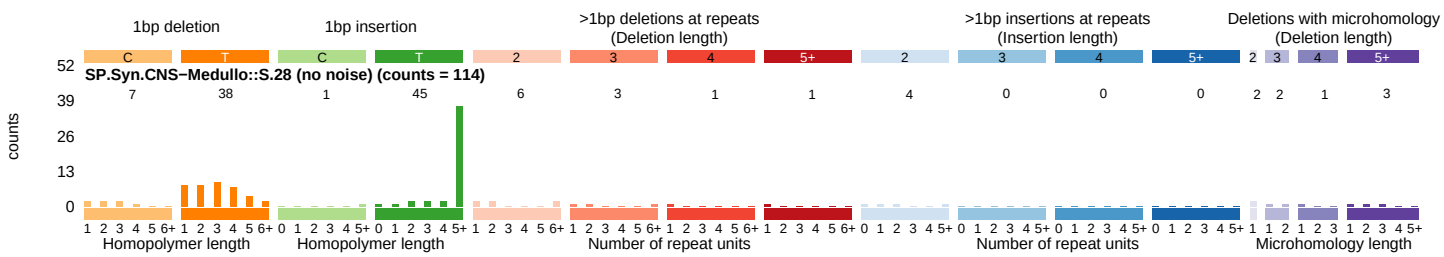
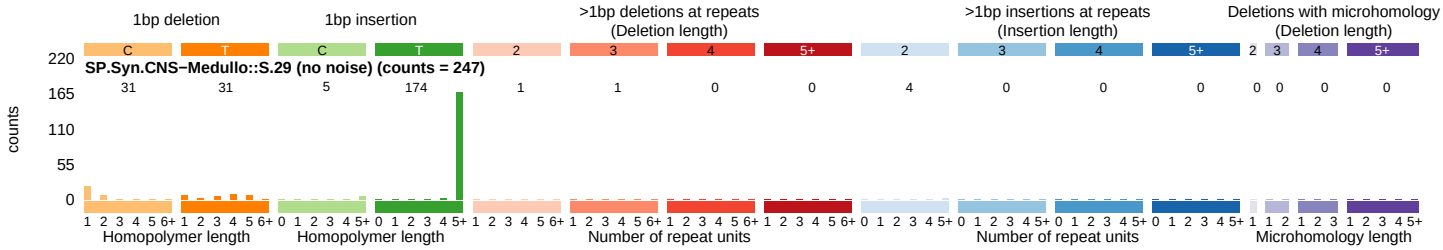
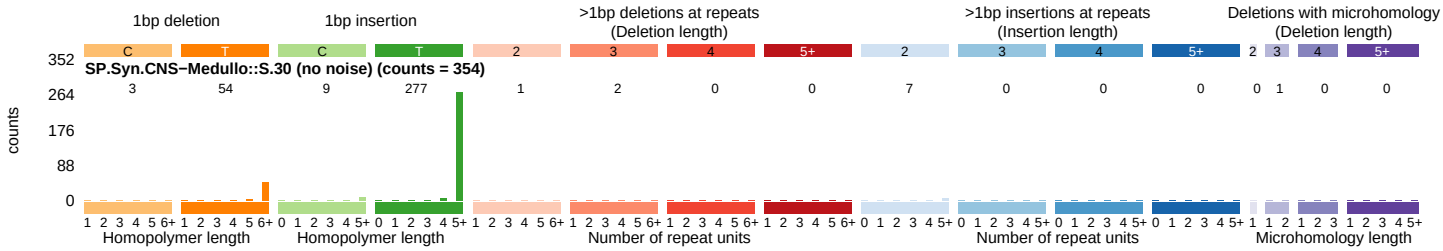
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.25 (no noise) (counts = 360)
counts
Homopolymer length
Number of repeat units
Microhomology length

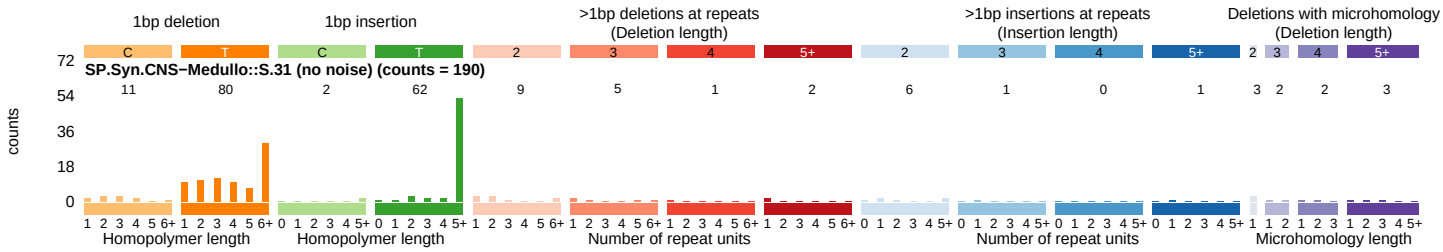

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.26 (no noise) (counts = 284)
counts
Homopolymer length
Number of repeat units
Microhomology length

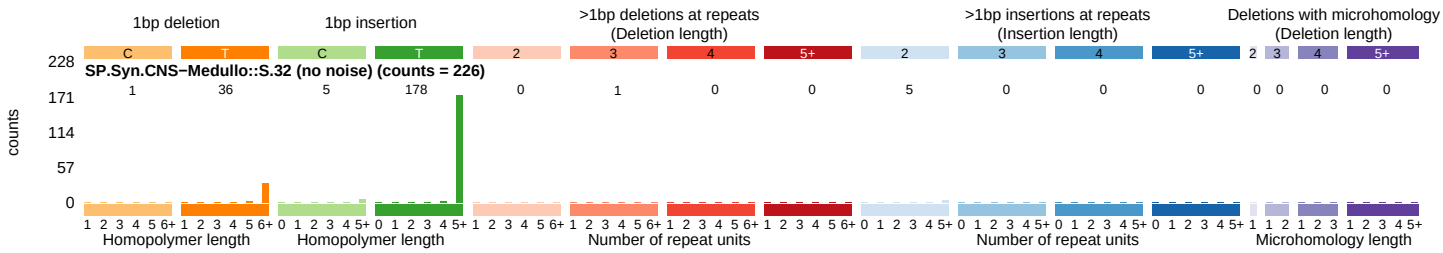

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.27 (no noise) (counts = 300)
counts
Homopolymer length
Number of repeat units
Microhomology length

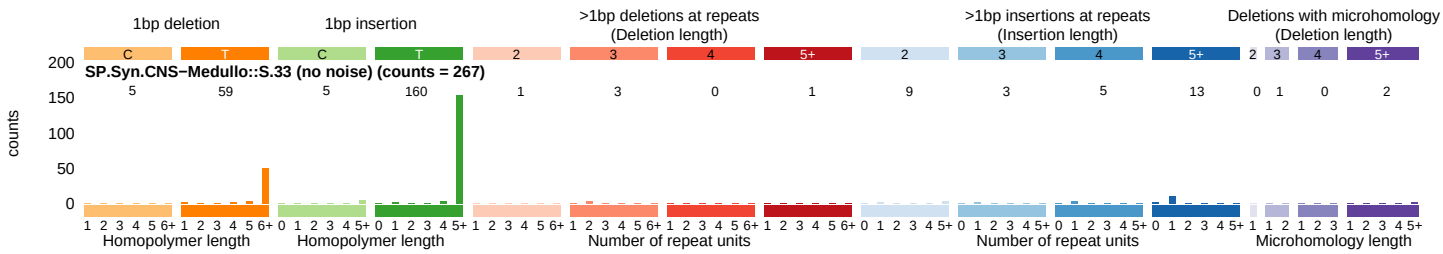

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.28 (no noise) (counts = 114)
counts
Homopolymer length
Number of repeat units
Microhomology length

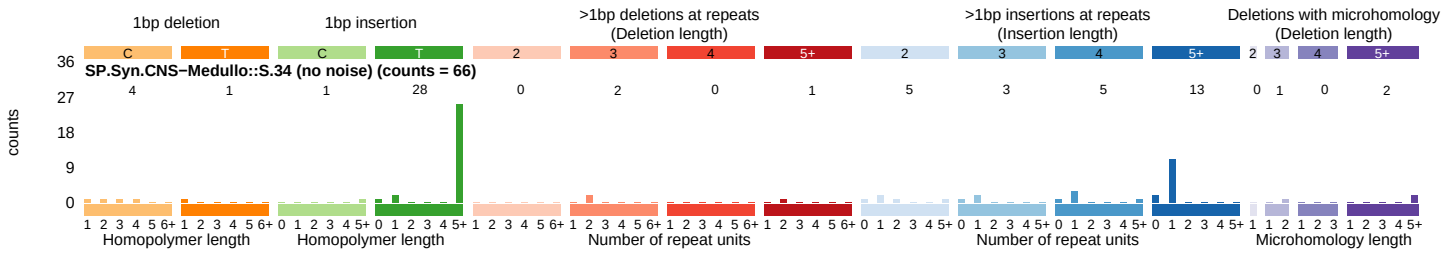

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.29 (no noise) (counts = 247)
counts
Homopolymer length
Number of repeat units
Microhomology length

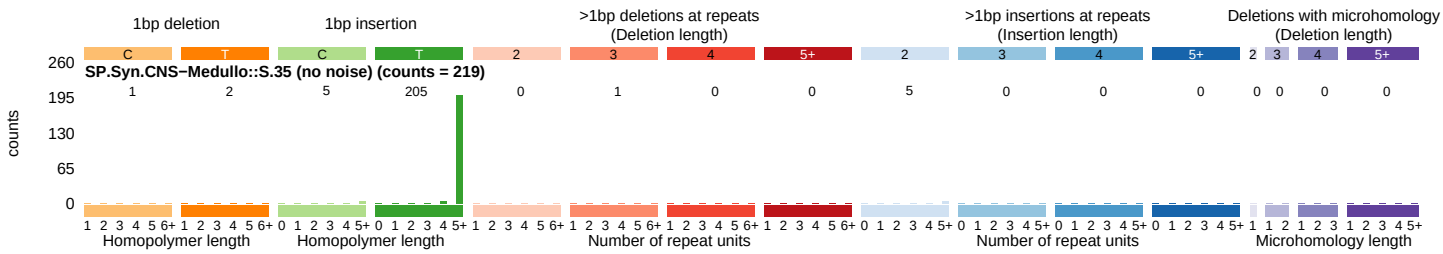

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.30 (no noise) (counts = 354)
counts
Homopolymer length
Number of repeat units
Microhomology length

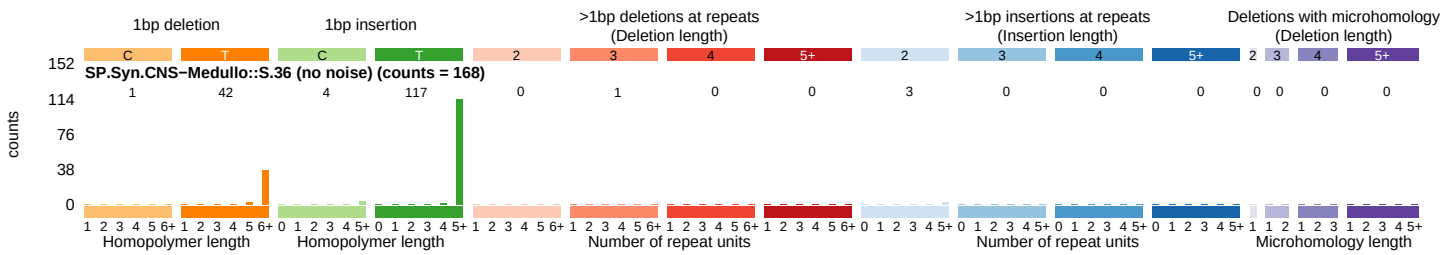

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.31 (no noise) (counts = 190)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.32 (no noise) (counts = 226)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.33 (no noise) (counts = 267)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.34 (no noise) (counts = 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.CNS−Medullo::S.35 (no noise) (counts = 219)
counts
Homopolymer length
Number of repeat units
Microhomology length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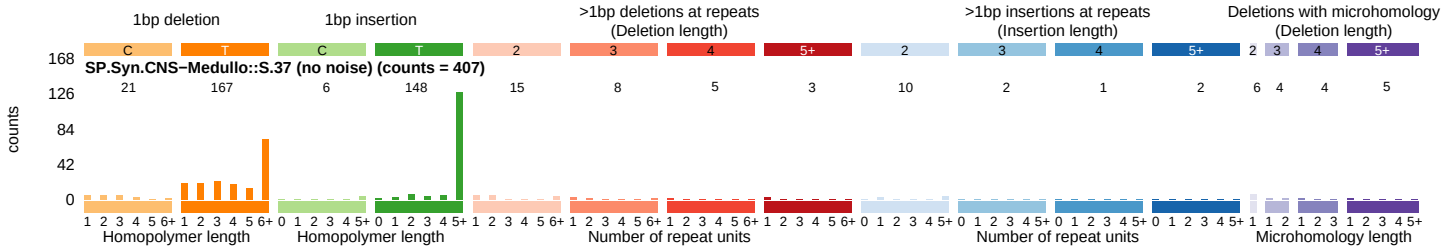
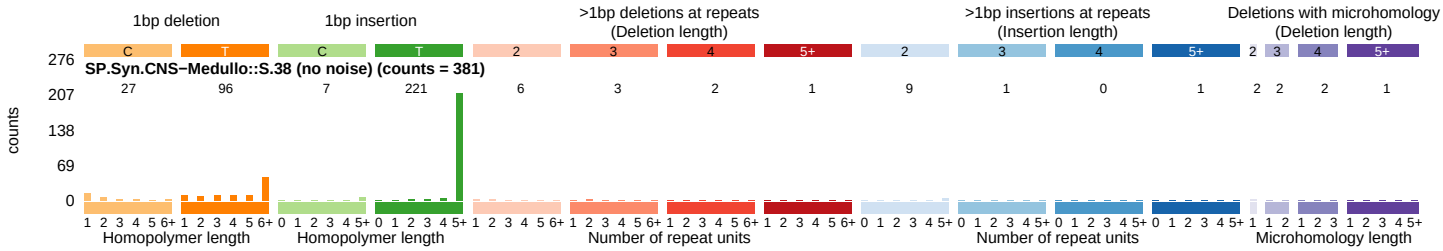
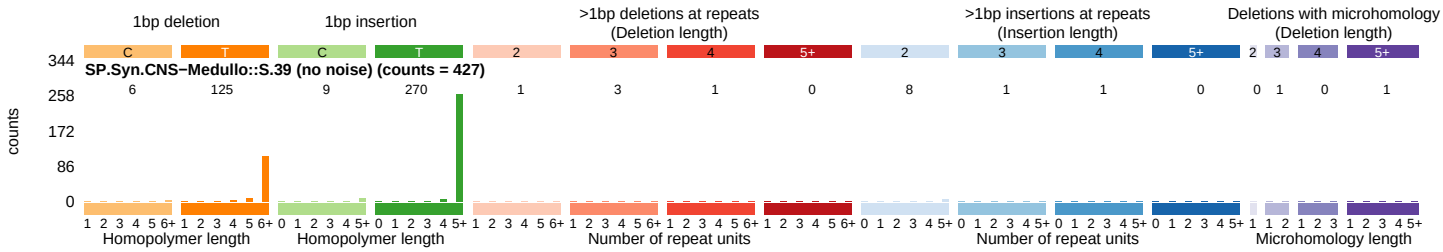
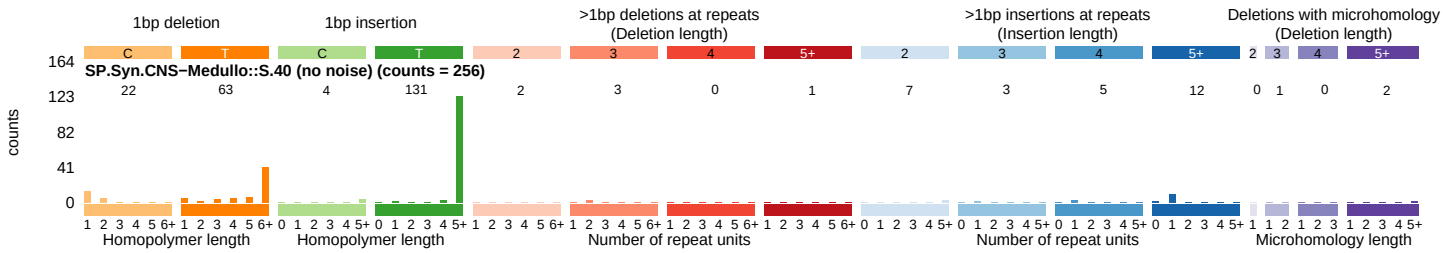
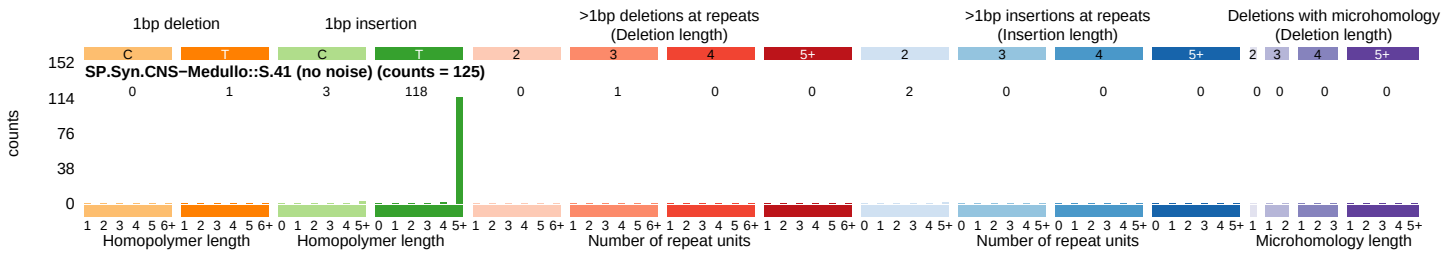
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.36 (no noise) (counts = 168)
counts
Homopolymer length
Number of repeat units
Microhomology length

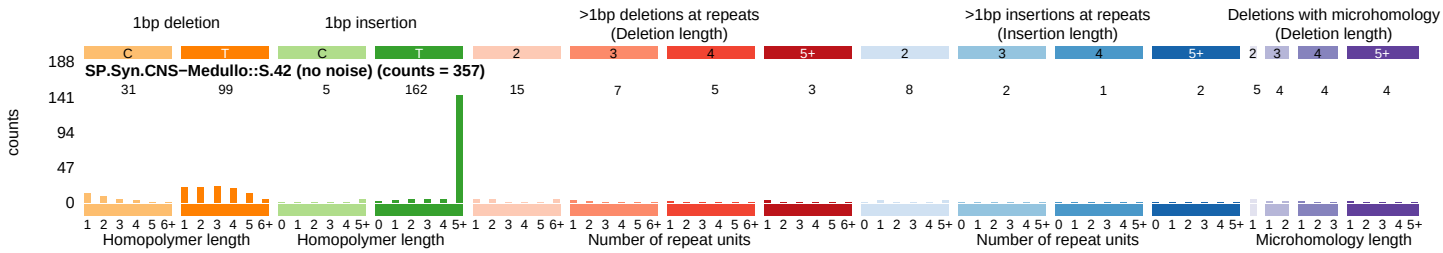

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.37 (no noise) (counts = 407)
counts
Homopolymer length
Number of repeat units
Microhomology length

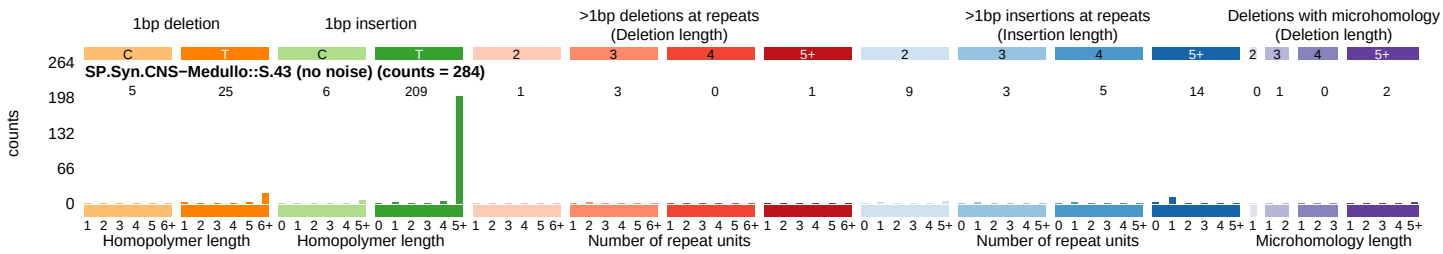

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.38 (no noise) (counts = 381)
counts
Homopolymer length
Number of repeat units
Microhomology length

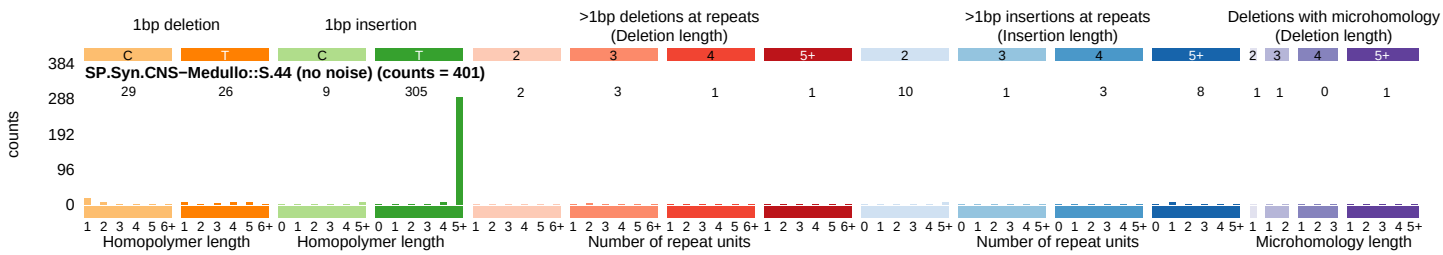

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.39 (no noise) (counts = 427)
counts
Homopolymer length
Number of repeat units
Microhomology length

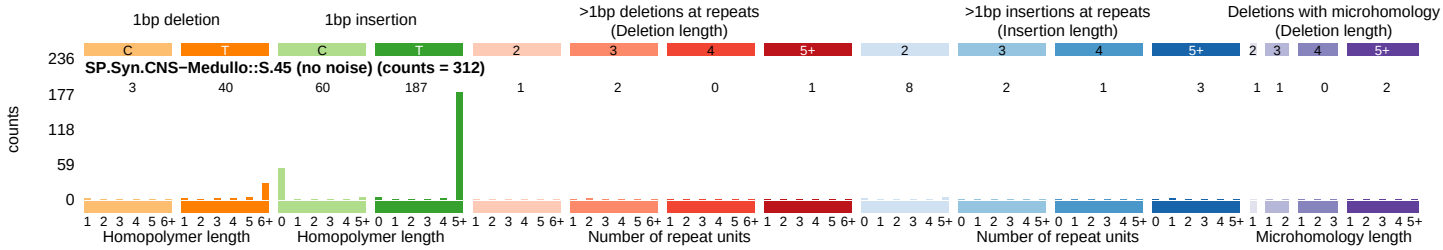

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.40 (no noise) (counts = 256)
counts
Homopolymer length
Number of repeat units
Microhomology length

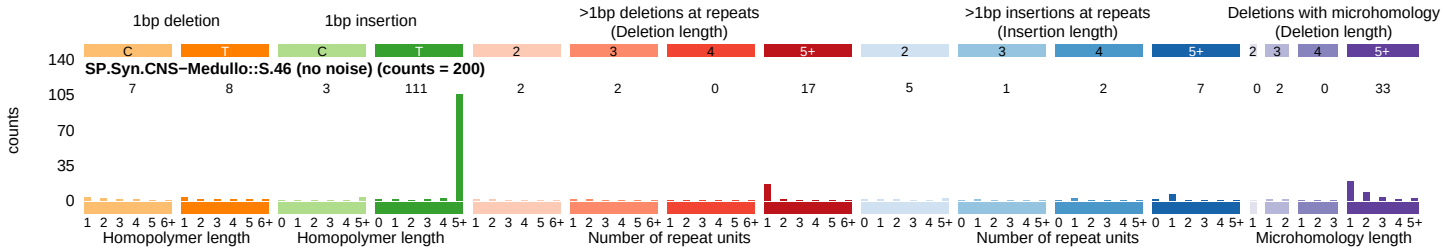

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.41 (no noise) (counts = 125)
counts
Homopolymer length
Number of repeat units
Microhomology length

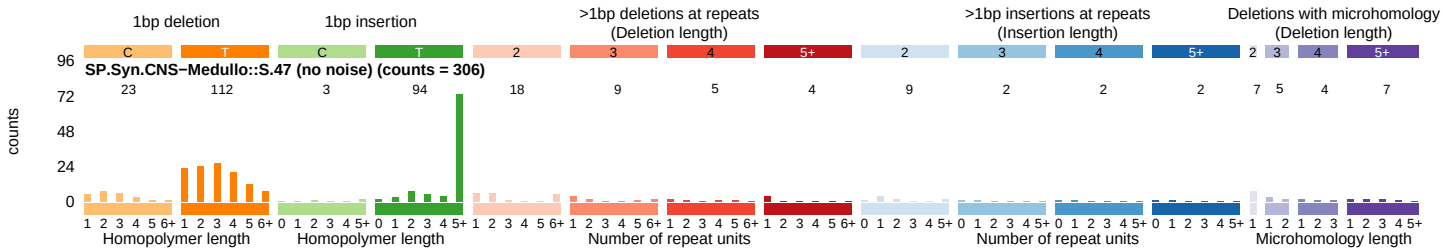

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.42 (no noise) (counts = 357)
counts
Homopolymer length
Number of repeat units
Microhomology length

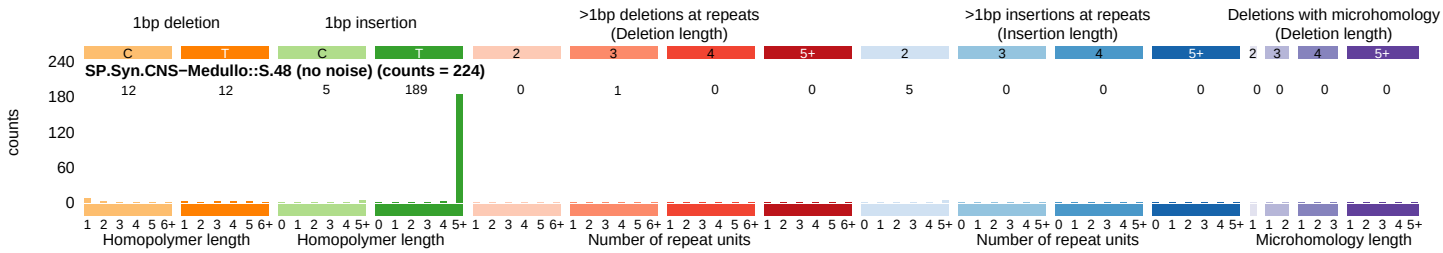

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.43 (no noise) (counts = 284)
counts
Homopolymer length
Number of repeat units
Microhomology length

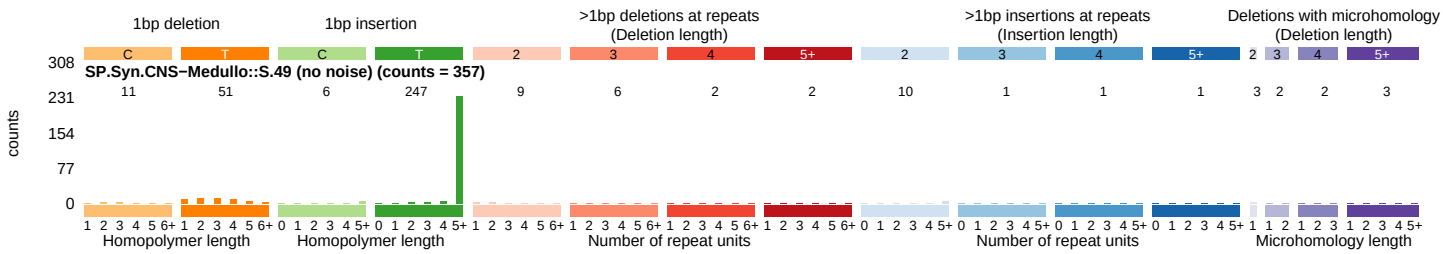

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.44 (no noise) (counts = 401)
counts
Homopolymer length
Number of repeat units
Microhomology length

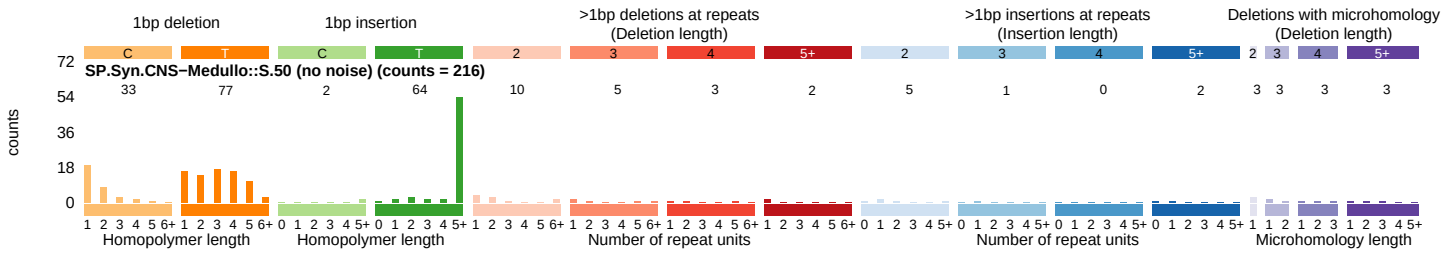

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.45 (no noise) (counts = 312)
counts
Homopolymer length
Number of repeat units
Microhomology length

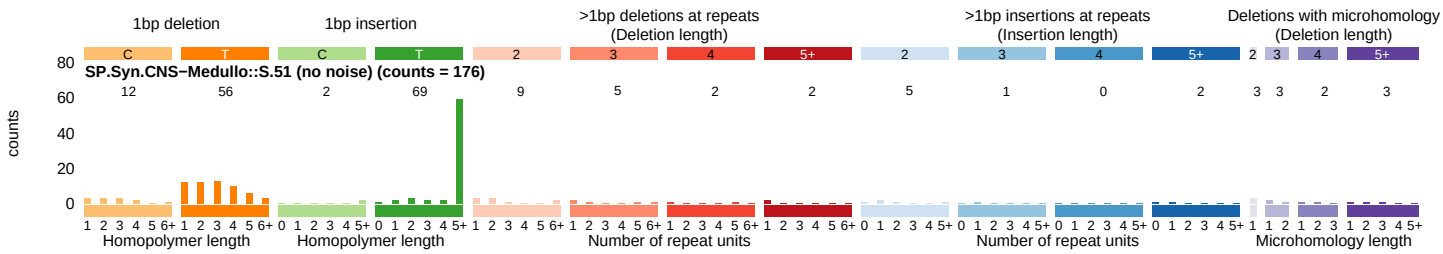

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.46 (no noise) (counts = 200)
counts
Homopolymer length
Number of repeat units
Microhomology length

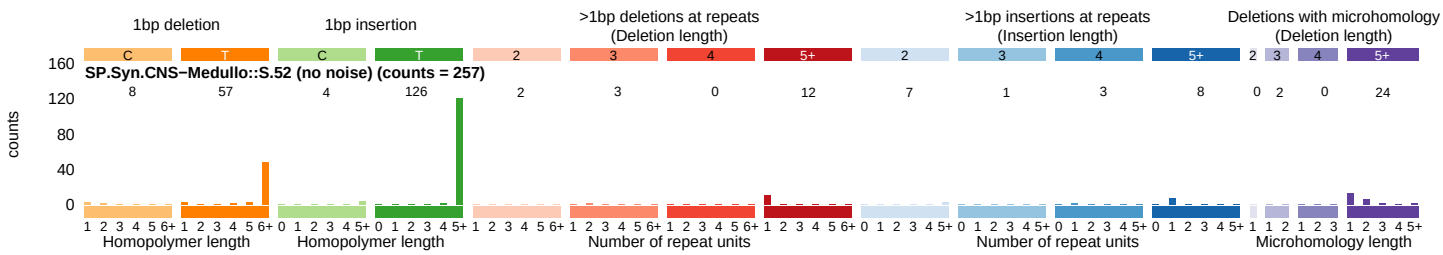

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.47 (no noise) (counts = 306)
counts
Homopolymer length
Number of repeat units
Microhomology length

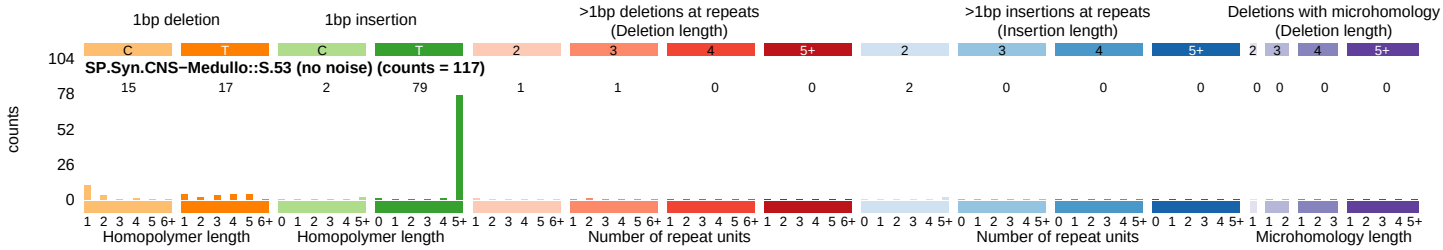

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.48 (no noise) (counts = 224)
counts
Homopolymer length
Number of repeat units
Microhomology length

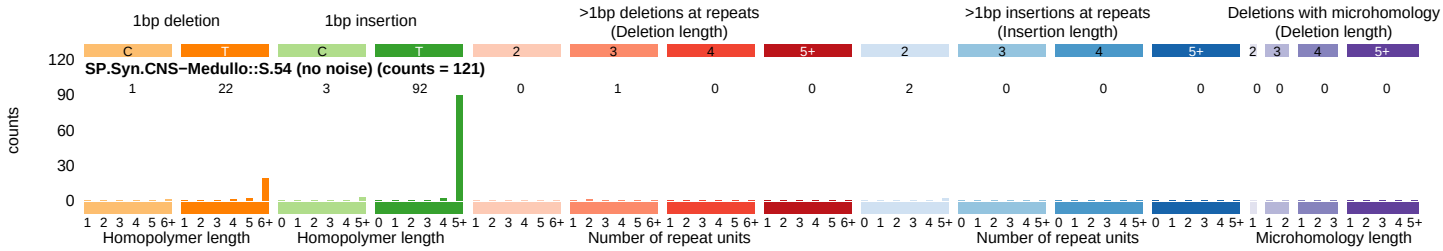

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.49 (no noise) (counts = 357)
counts
Homopolymer length
Number of repeat units
Microhomology length

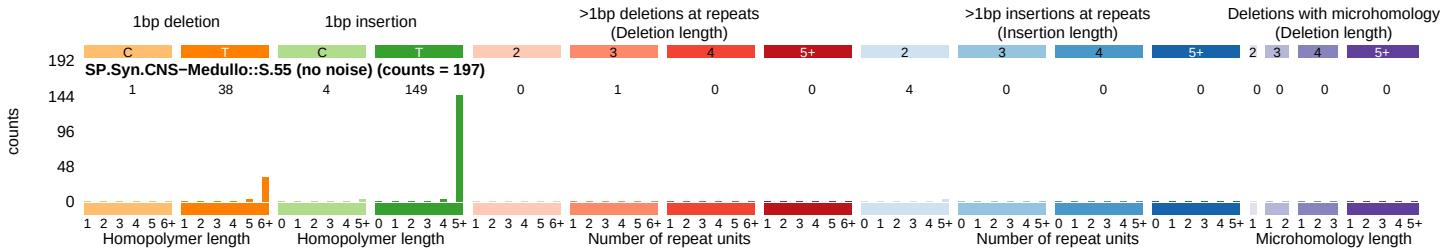

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.50 (no noise) (counts = 216)
counts
Homopolymer length
Number of repeat units
Microhomology length

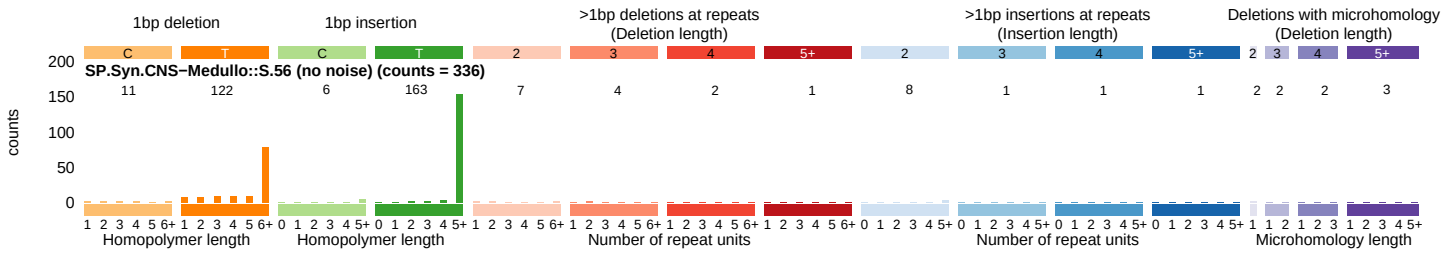

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.51 (no noise) (counts = 176)
counts
Homopolymer length
Number of repeat units
Microhomology length

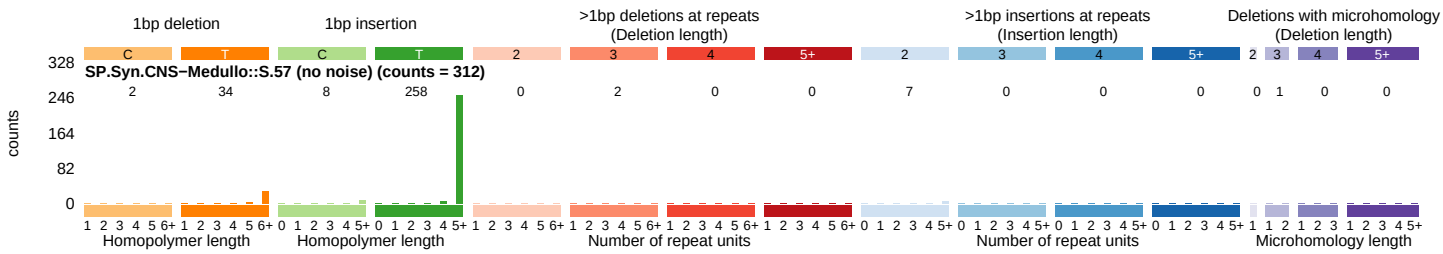

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.52 (no noise) (counts = 257)
counts
Homopolymer length
Number of repeat units
Microhomology length

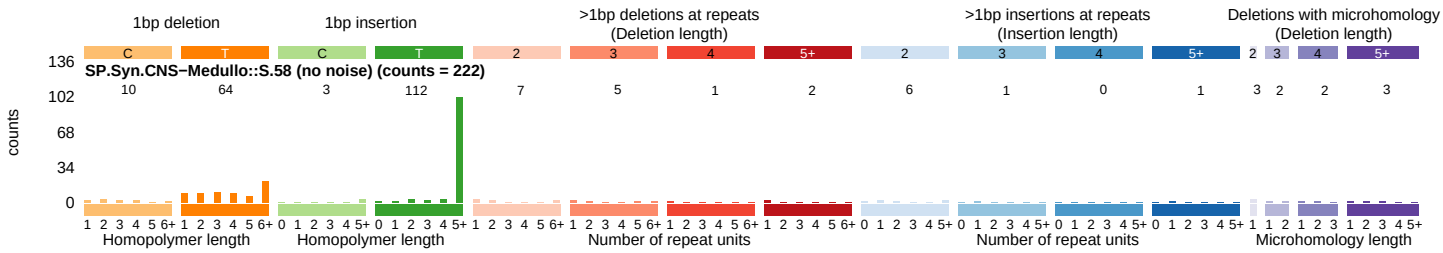

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.53 (no noise) (counts = 117)
counts
Homopolymer length
Number of repeat units
Microhomology length

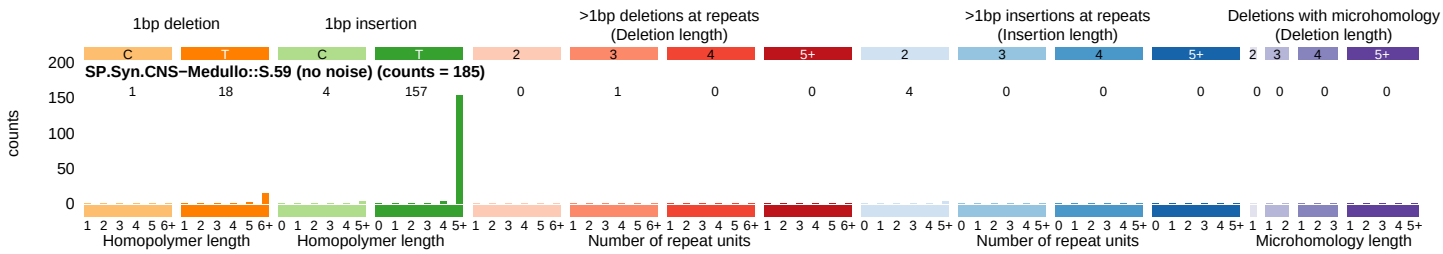

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.54 (no noise) (counts = 121)
counts
Homopolymer length
Number of repeat units
Microhomology length

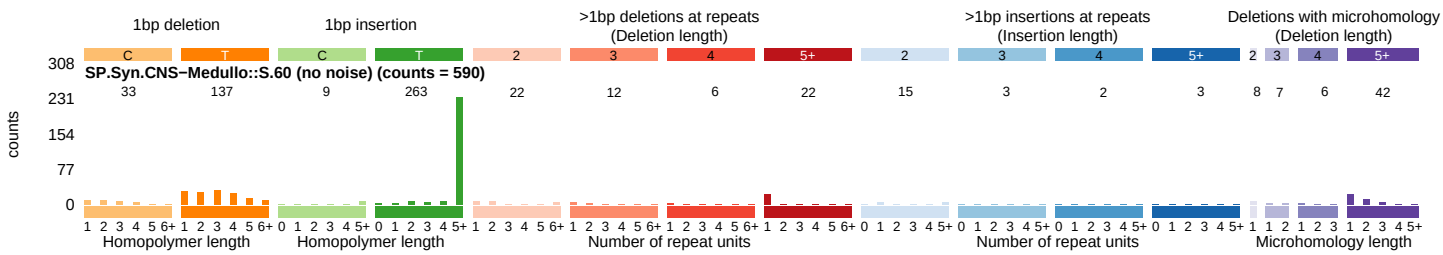

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.55 (no noise) (counts = 197)
counts
Homopolymer length
Number of repeat units
Microhomology length

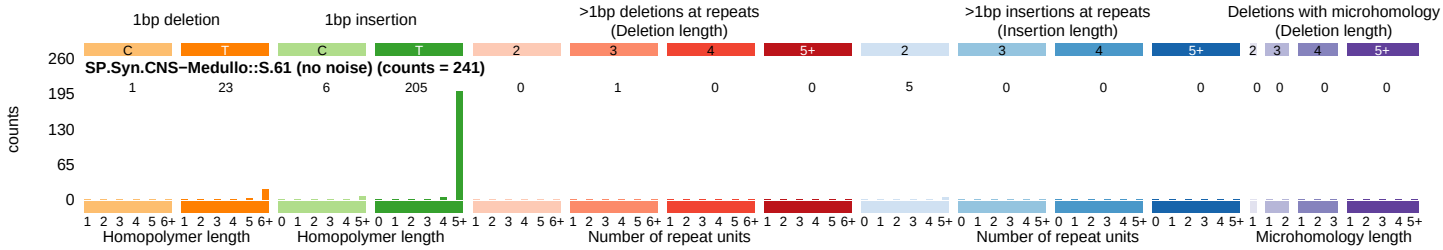

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.56 (no noise) (counts = 336)
counts
Homopolymer length
Number of repeat units
Microhomology length

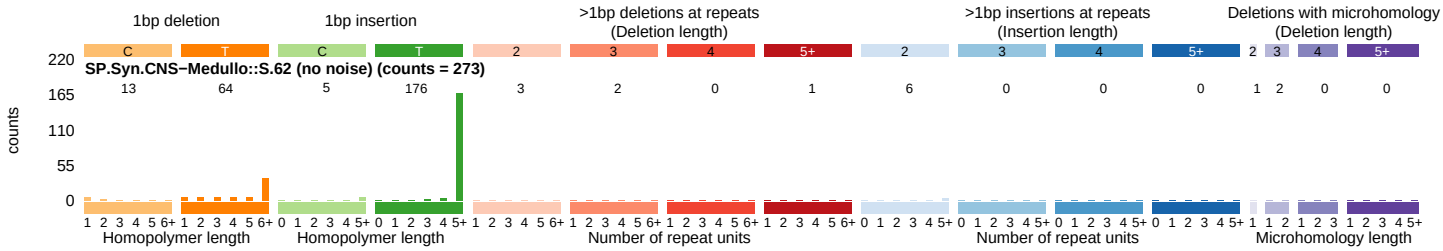

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.57 (no noise) (counts = 312)
counts
Homopolymer length
Number of repeat units
Microhomology length

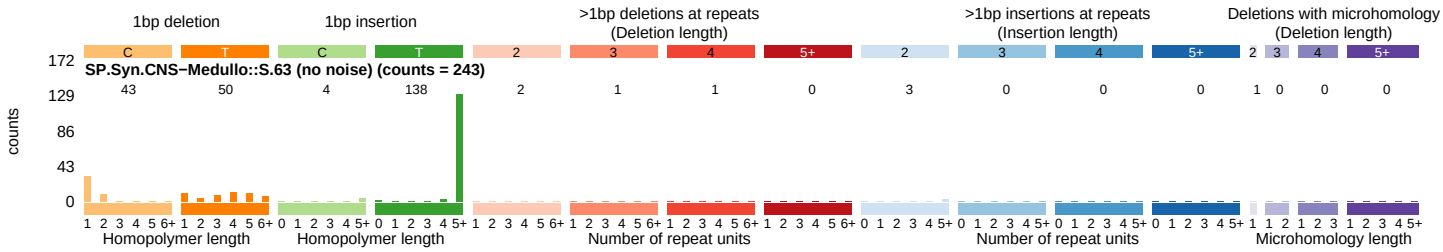

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.58 (no noise) (counts = 222)
counts
Homopolymer length
Number of repeat units
Microhomology length

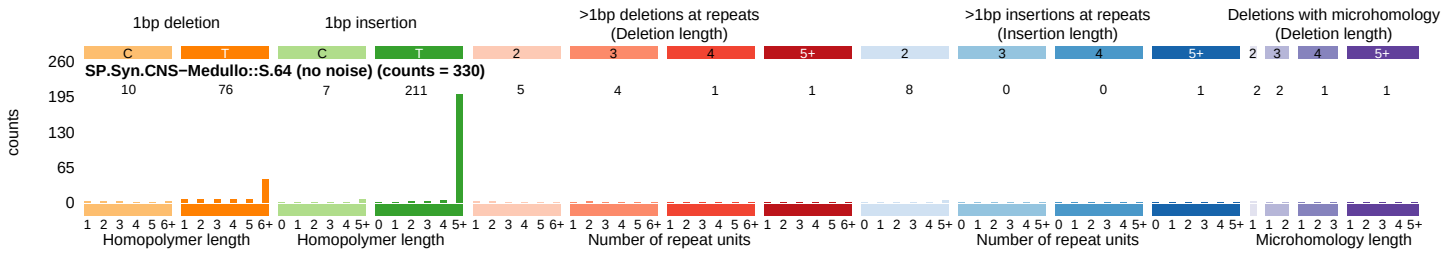

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.59 (no noise) (counts = 185)
counts
Homopolymer length
Number of repeat units
Microhomology length

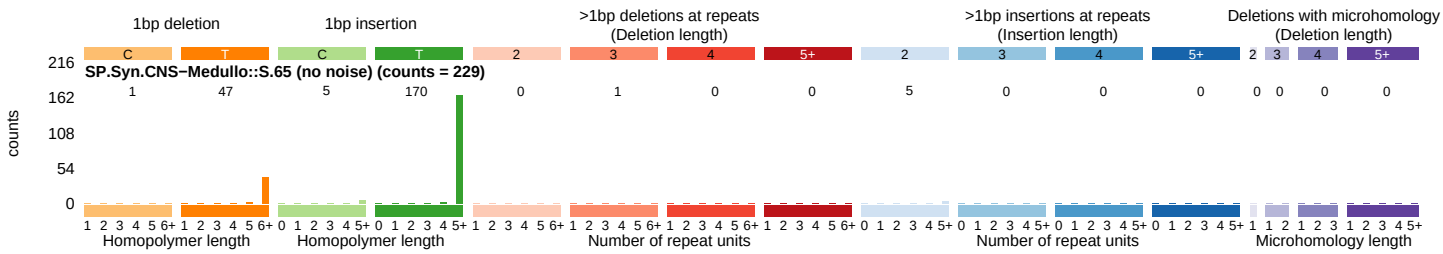

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.60 (no noise) (counts = 590)
counts
Homopolymer length
Number of repeat units
Microhomology length

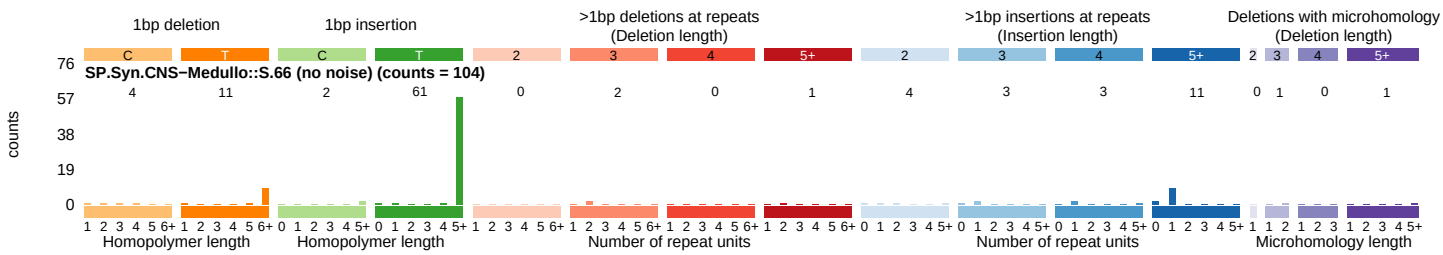

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.61 (no noise) (counts = 241)
counts
Homopolymer length
Number of repeat units
Microhomology length

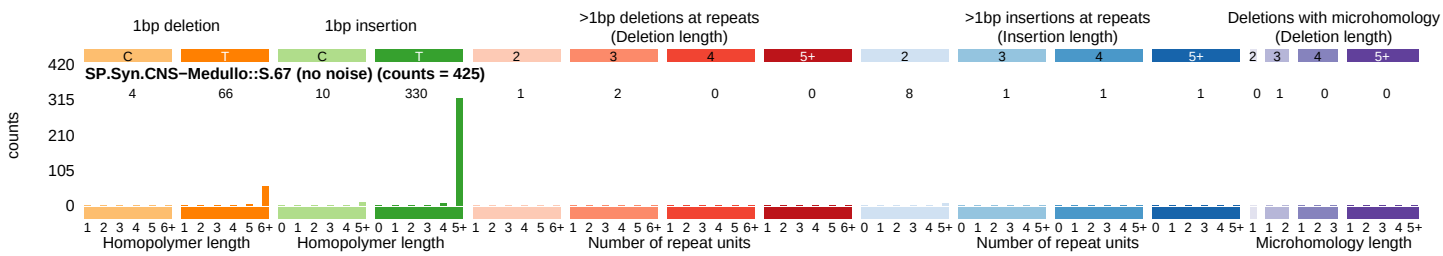

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.62 (no noise) (counts = 273)
counts
Homopolymer length
Number of repeat units
Microhomology length

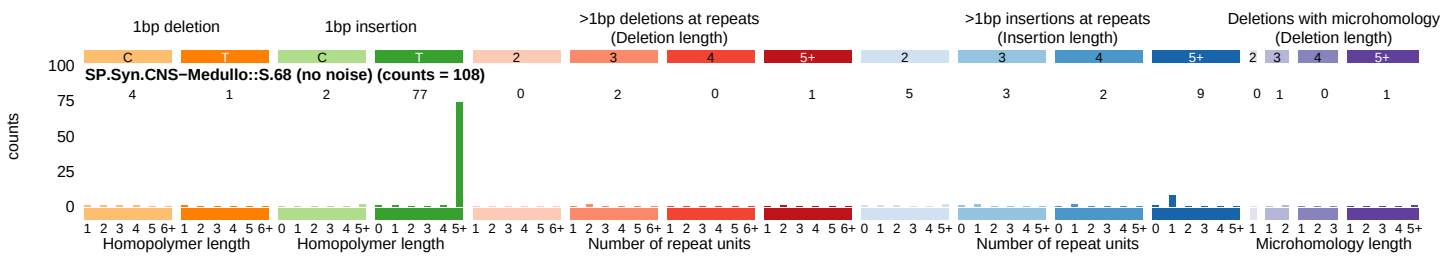

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.63 (no noise) (counts = 243)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.64 (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.CNS−Medullo::S.65 (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.CNS−Medullo::S.66 (no noise) (counts = 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.CNS−Medullo::S.67 (no noise) (counts = 425)
counts
Homopolymer length
Number of repeat units
Microhomology length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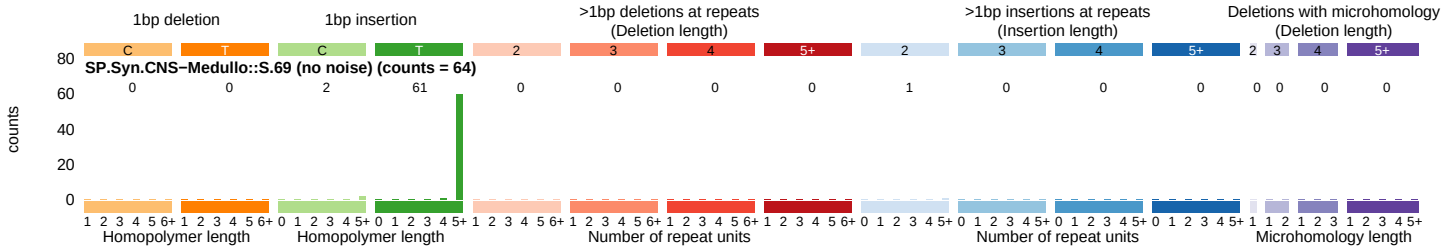
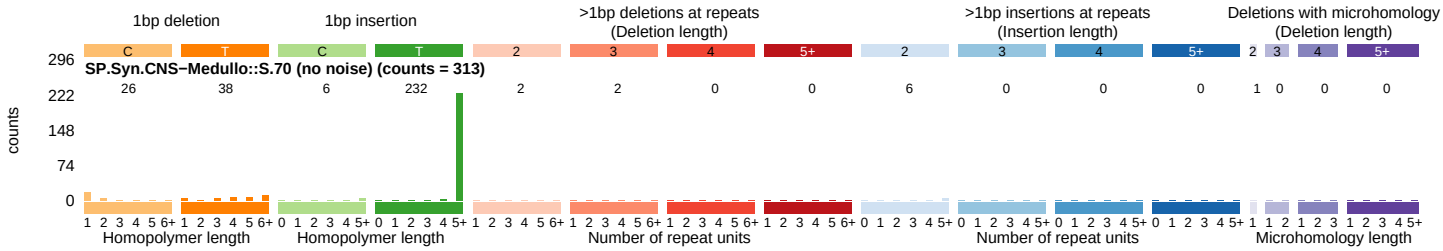
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.68 (no noise) (counts = 108)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.69 (no noise) (counts = 64)
counts
Homopolymer length
Number of repeat units
Microhomology length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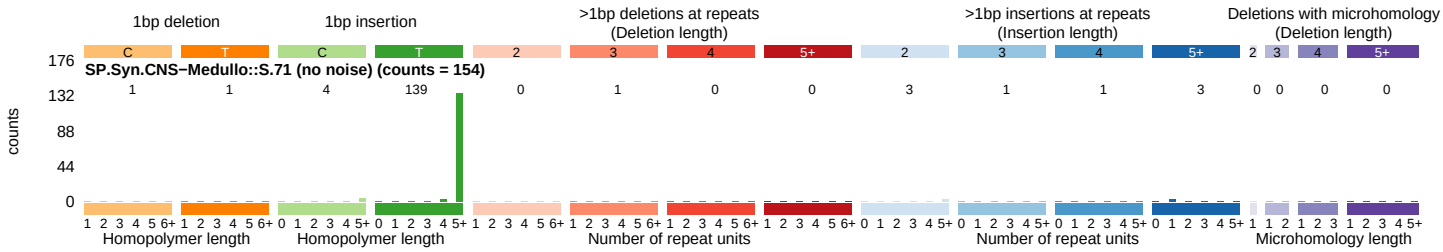
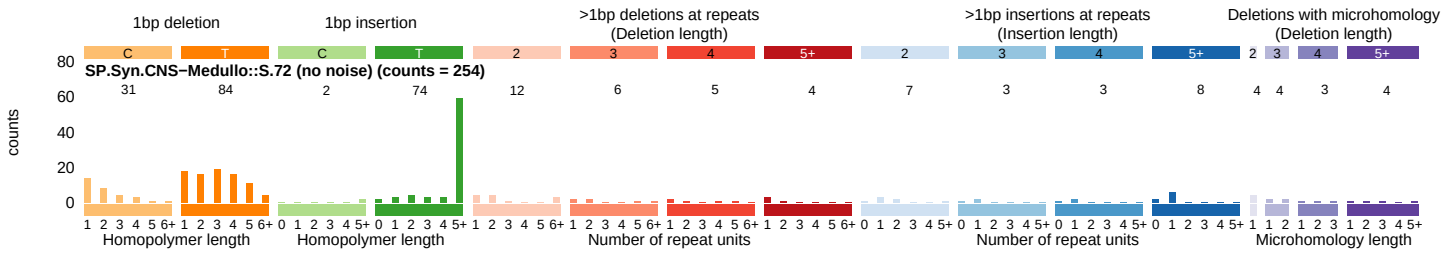
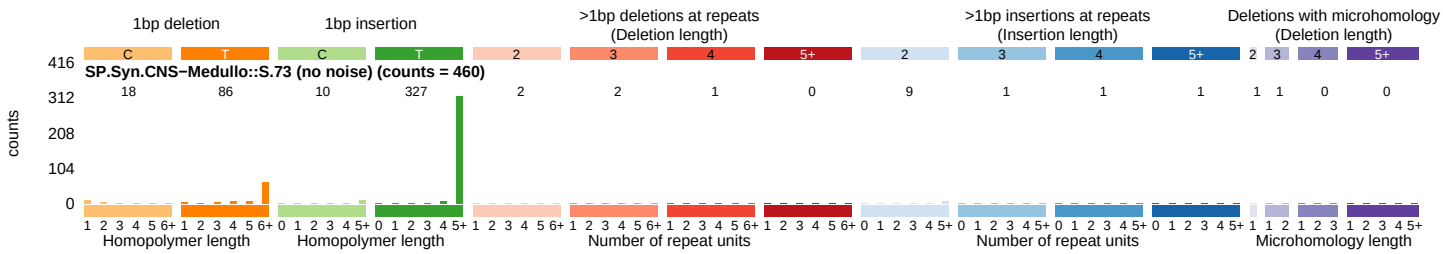
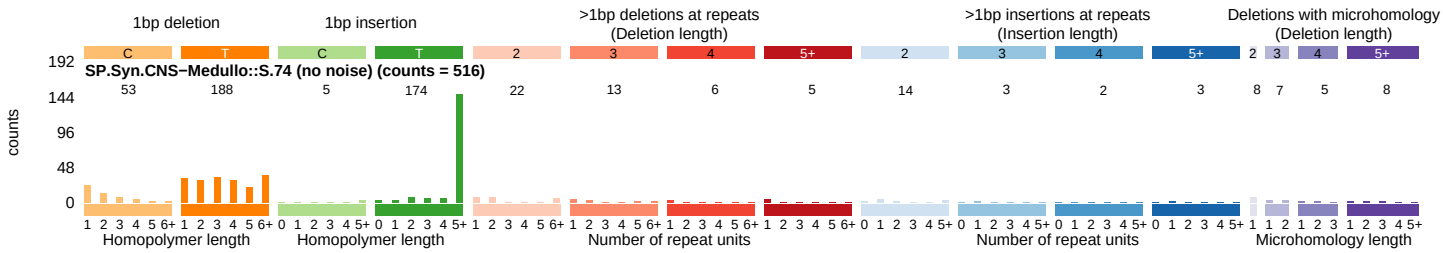
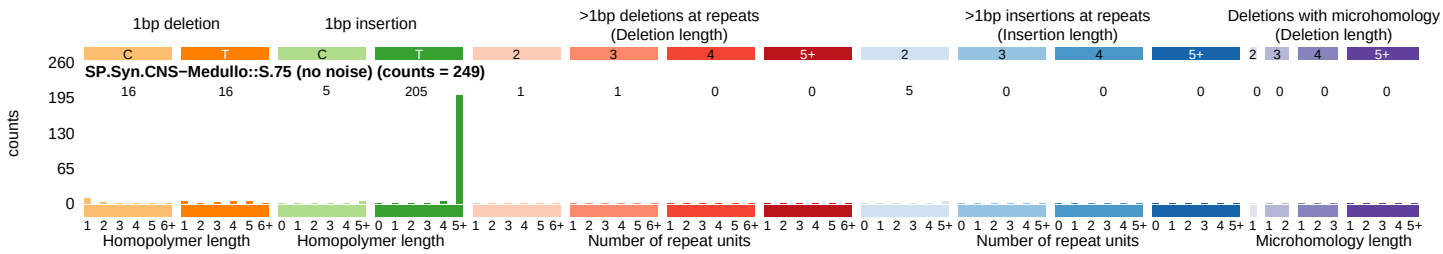
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.70 (no noise) (counts = 313)
counts
Homopolymer length
Number of repeat units
Microhomology length

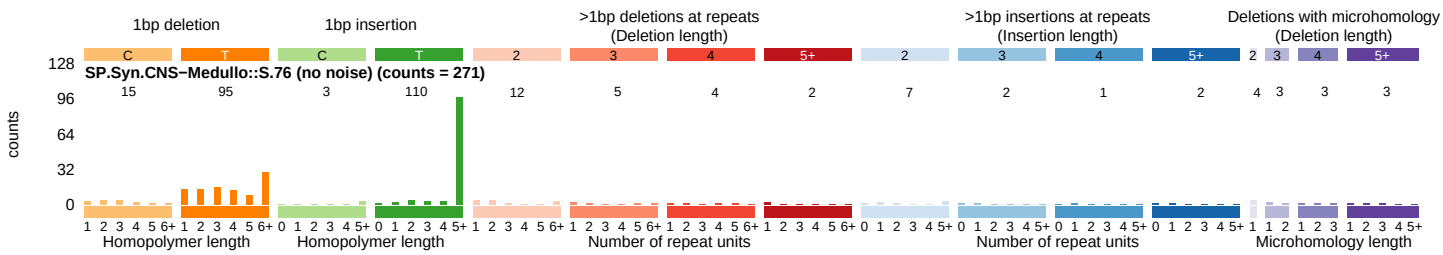

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.71 (no noise) (counts = 154)
counts
Homopolymer length
Number of repeat units
Microhomology length

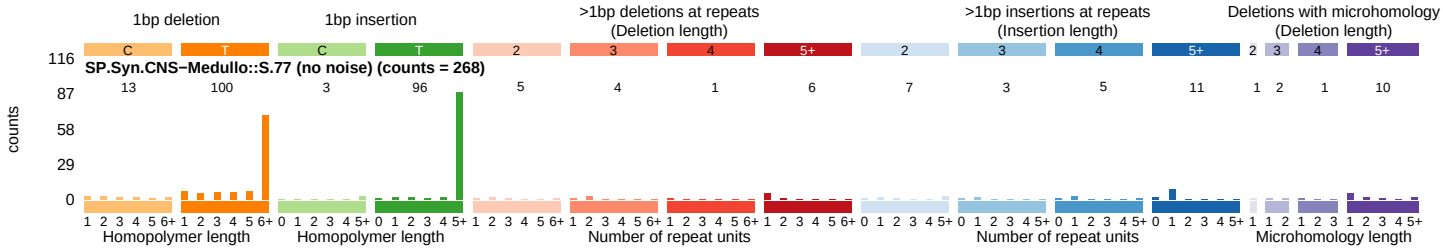

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.72 (no noise) (counts = 254)
counts
Homopolymer length
Number of repeat units
Microhomology length

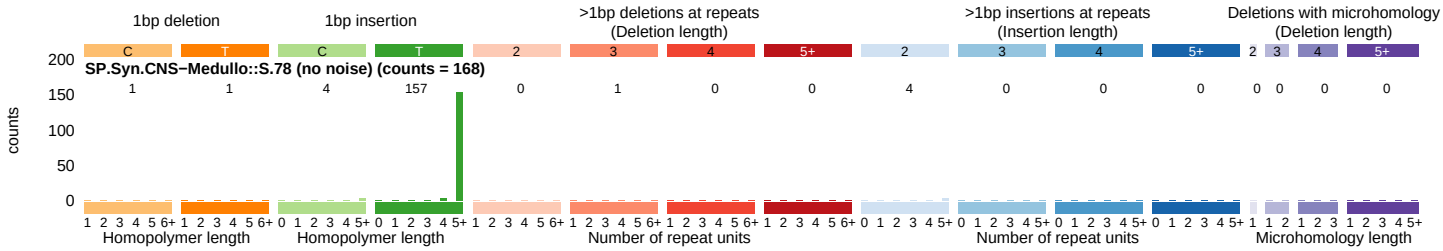

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.73 (no noise) (counts = 460)
counts
Homopolymer length
Number of repeat units
Microhomology length

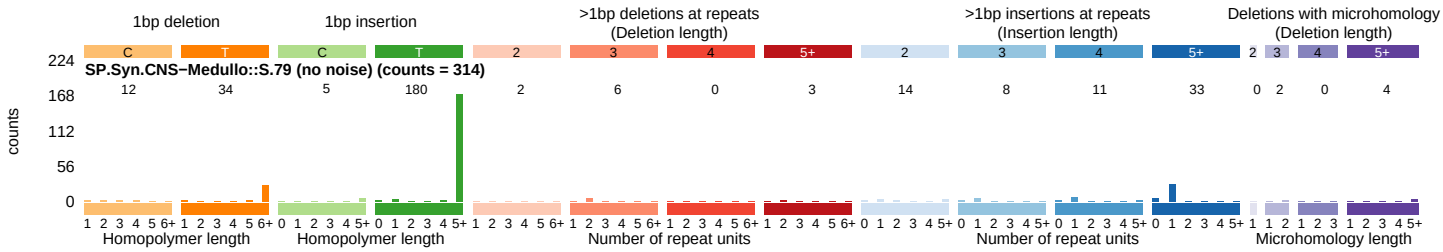

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.74 (no noise) (counts = 516)
counts
Homopolymer length
Number of repeat units
Microhomology length

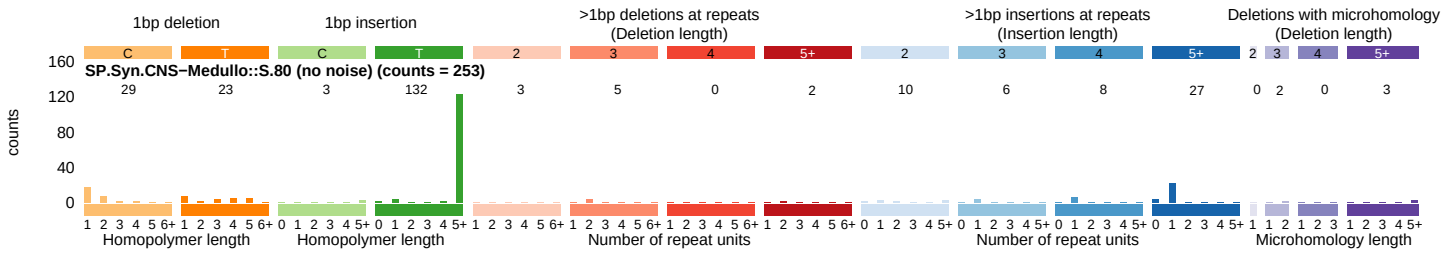

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.75 (no noise) (counts = 249)
counts
Homopolymer length
Number of repeat units
Microhomology length

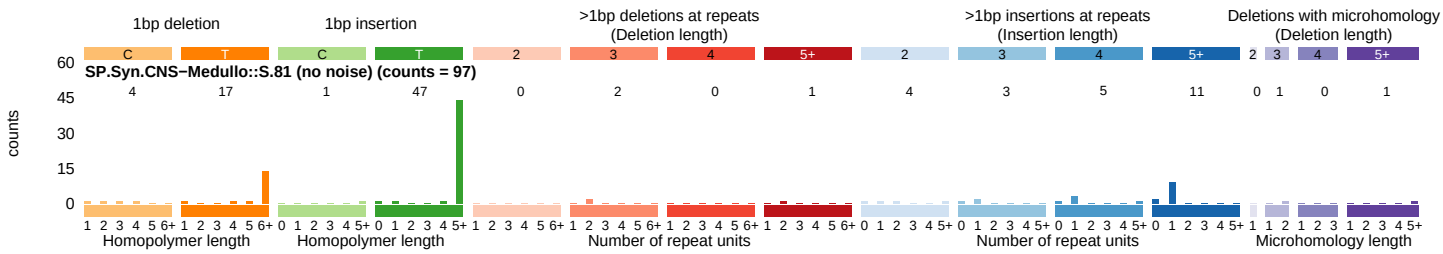

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.76 (no noise) (counts = 271)
counts
Homopolymer length
Number of repeat units
Microhomology length

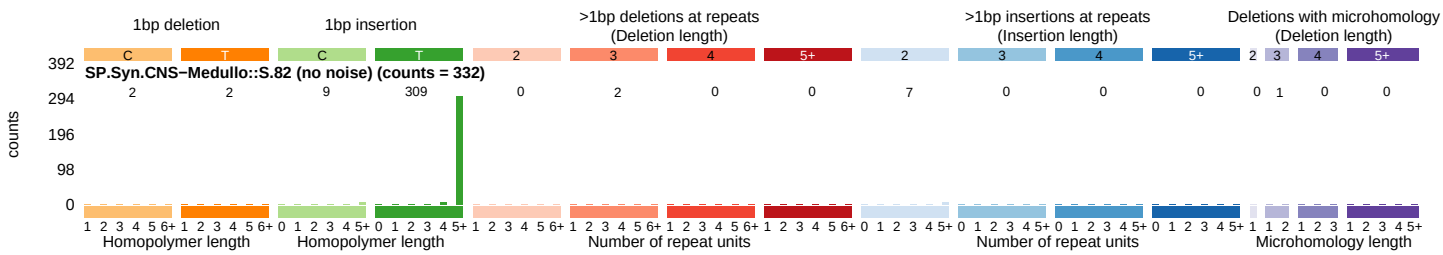

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.77 (no noise) (counts = 268)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
13 100 3 96 5 4 1 6 7 3 5 11 1 2 1 10
counts
Homopolymer length
Number of repeat units
Microhomology length

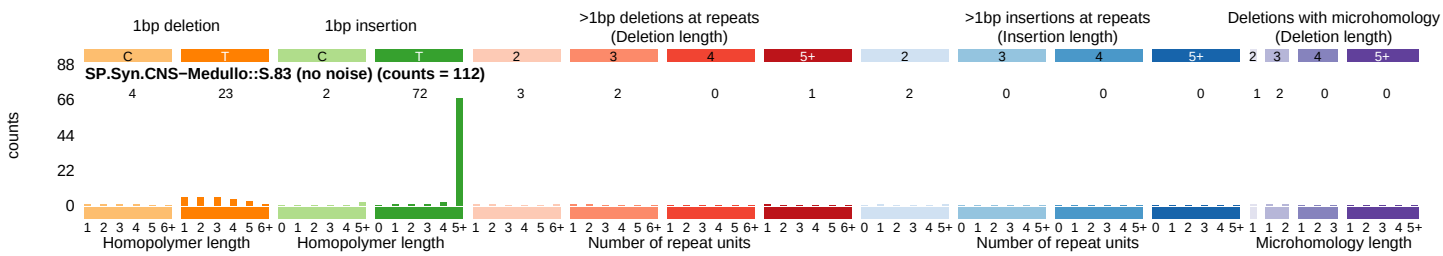

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.78 (no noise) (counts = 168)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
1 1 4 157 0 1 0 0 4 0 0 0 0 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

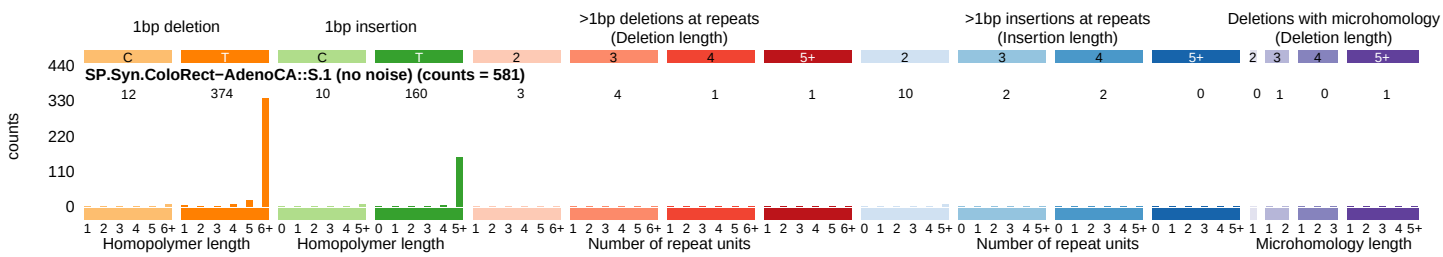

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.79 (no noise) (counts = 314)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
12 34 5 180 2 6 0 3 14 8 11 33 0 2 0 4
counts
Homopolymer length
Number of repeat units
Microhomology length

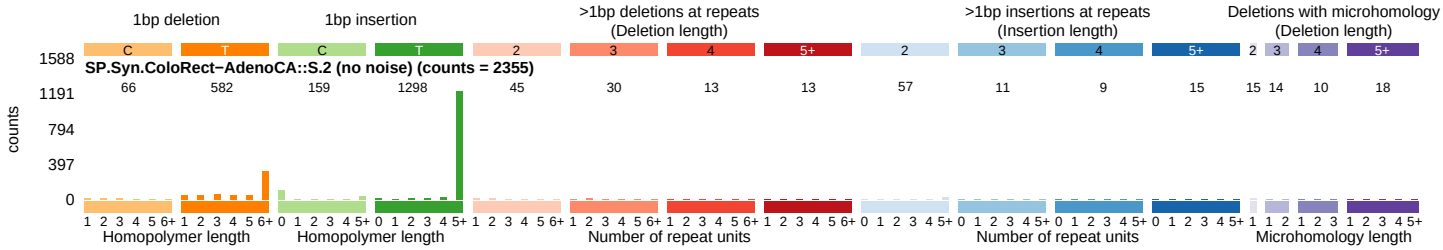

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.80 (no noise) (counts = 253)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
29 23 3 132 3 5 0 2 10 6 8 27 0 2 0 3
counts
Homopolymer length
Number of repeat units
Microhomology length

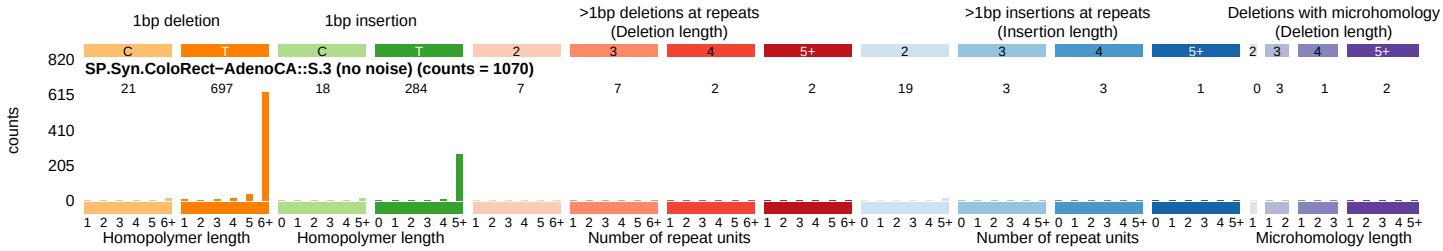

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.81 (no noise) (counts = 97)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
4 17 1 47 0 2 0 1 4 3 5 11 0 1 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length

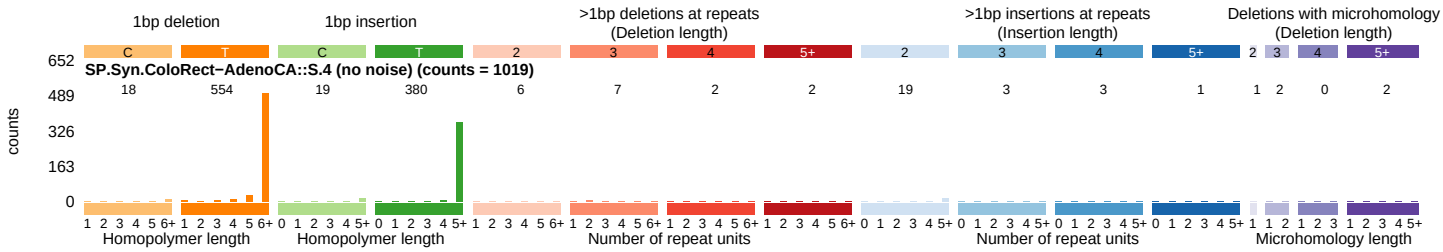

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.82 (no noise) (counts = 332)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
2 2 9 309 0 2 0 0 7 0 0 0 0 1 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

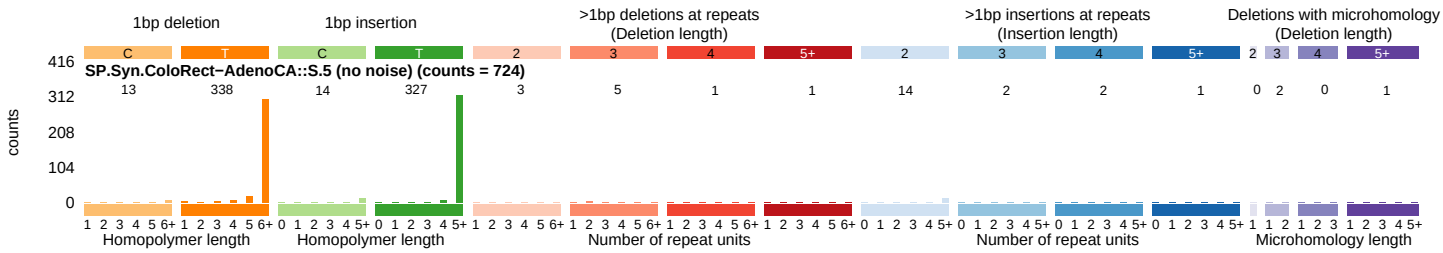

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.83 (no noise) (counts = 112)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
4 23 2 72 3 2 0 1 2 0 0 0 1 2 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

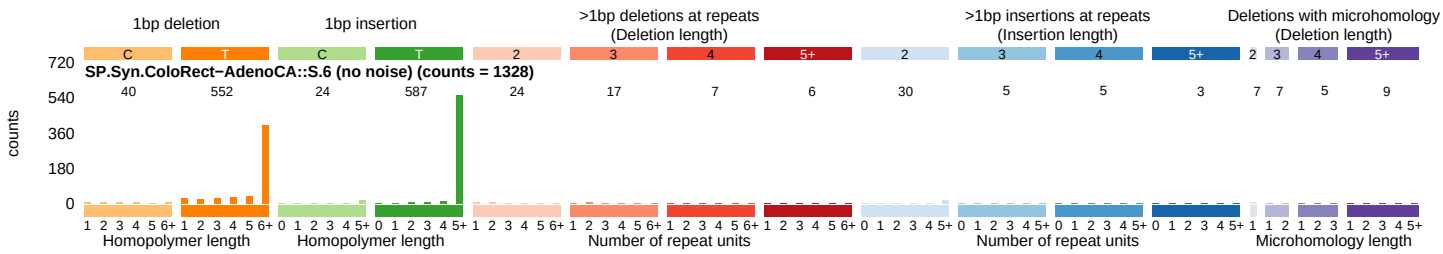

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.1 (no noise) (counts = 581)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
12 374 10 160 3 4 1 1 10 2 2 0 0 1 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length

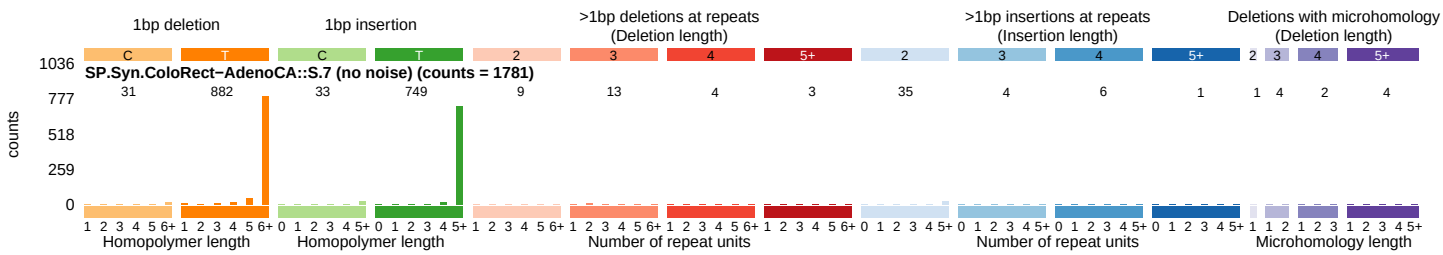

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.2 (no noise) (counts = 2355)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
66 582 159 1298 45 30 13 13 57 11 9 15 15 14 10 18
counts
1588 1191 794 397 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

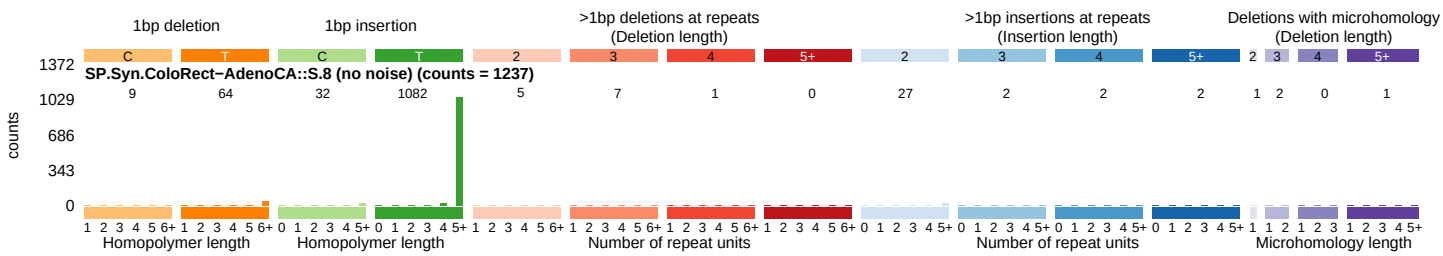

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.3 (no noise) (counts = 1070)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
21 697 18 284 7 7 2 2 19 3 3 1 0 3 1 2
counts
820 615 410 205 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

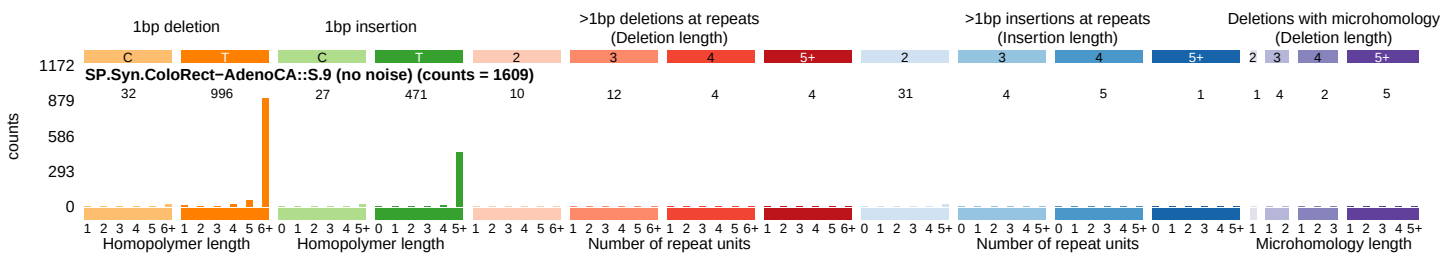

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.4 (no noise) (counts = 1019)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
18 554 19 380 6 7 2 2 19 3 3 1 1 2 0 2
counts
652 489 326 163 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

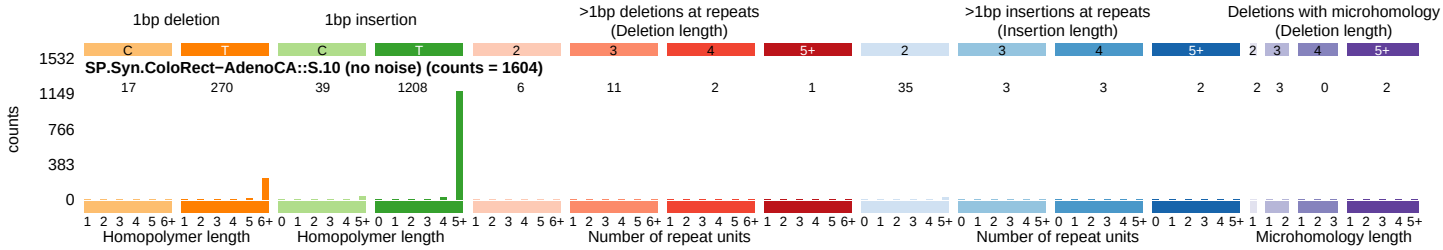

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.5 (no noise) (counts = 724)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
13 338 14 327 3 5 1 1 14 2 2 1 0 2 0 1
counts
416 312 208 104 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

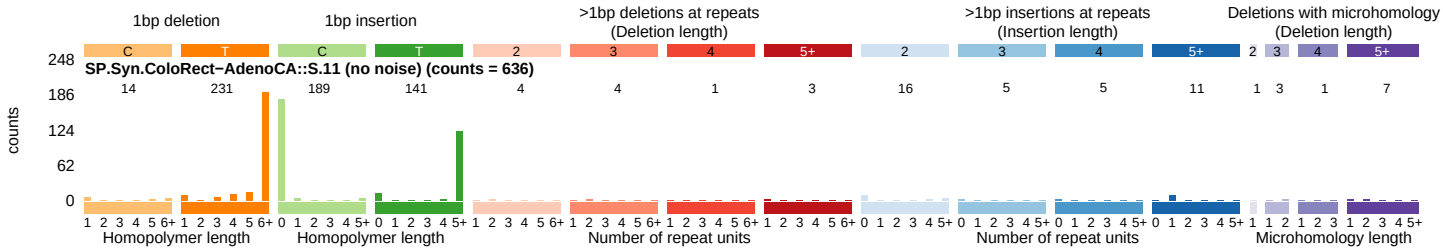

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.6 (no noise) (counts = 1328)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
40 552 24 587 24 17 7 6 30 5 5 3 7 7 5 9
counts
720 540 360 180 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.ColoRect−AdenoCA::S.7 (no noise) (counts = 1781)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
31 882 33 749 9 13 4 3 35 4 6 1 1 4 2 4
counts
1036 777 518 259 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.ColoRect−AdenoCA::S.8 (no noise) (counts = 1237)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
9 64 32 1082 5 7 1 0 27 2 2 2 1 2 0 1
counts
1372 1029 686 343 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.ColoRect−AdenoCA::S.9 (no noise) (counts = 1609)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
32 996 27 471 10 12 4 4 31 4 5 1 1 4 2 5
counts
1172 879 586 293 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.ColoRect−AdenoCA::S.10 (no noise) (counts = 1604)
counts
Homopolymer length
Number of repeat units
Microhomology length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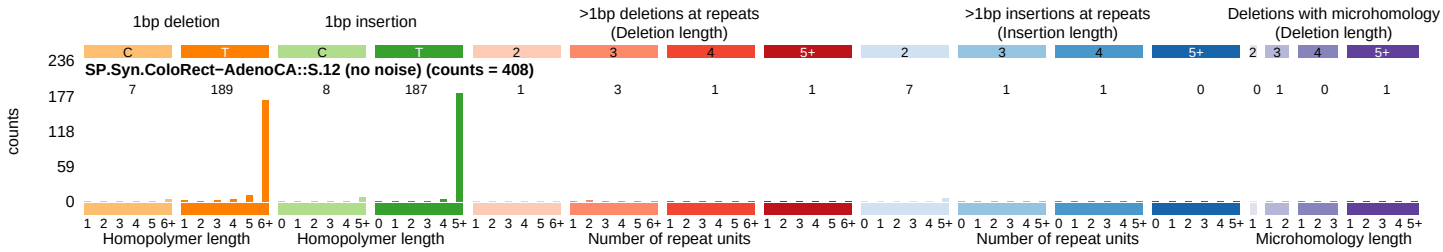
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.11 (no noise) (counts = 636)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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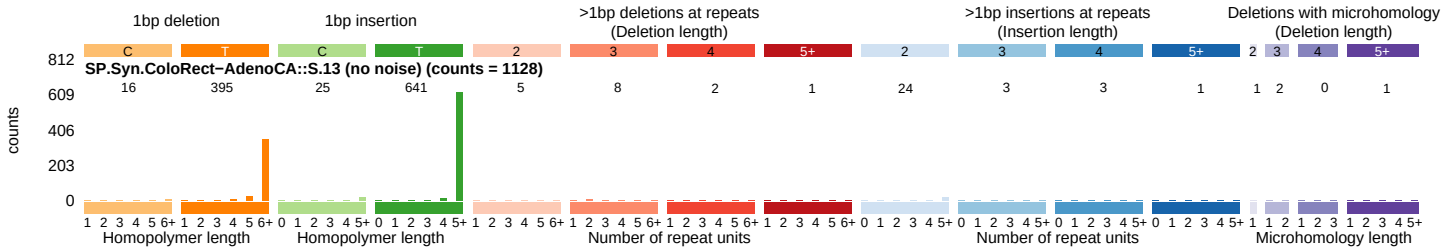
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.12 (no noise) (counts = 408)
counts
Homopolymer length
Number of repeat units
Microhomology length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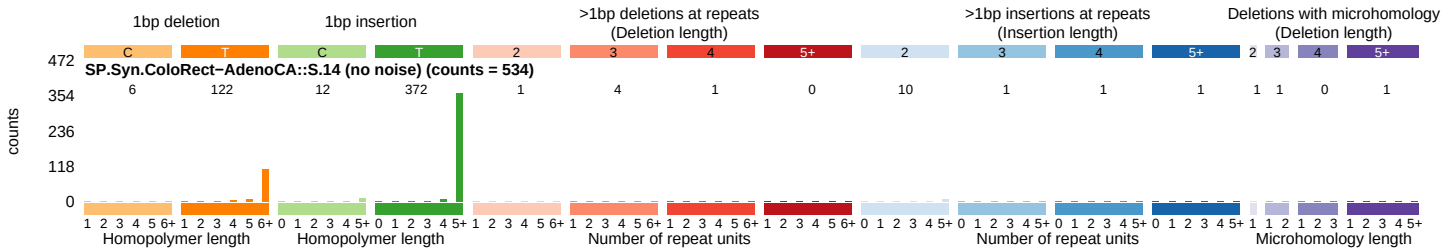
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.13 (no noise) (counts = 1128)
counts
Homopolymer length
Number of repeat units
Microhomology length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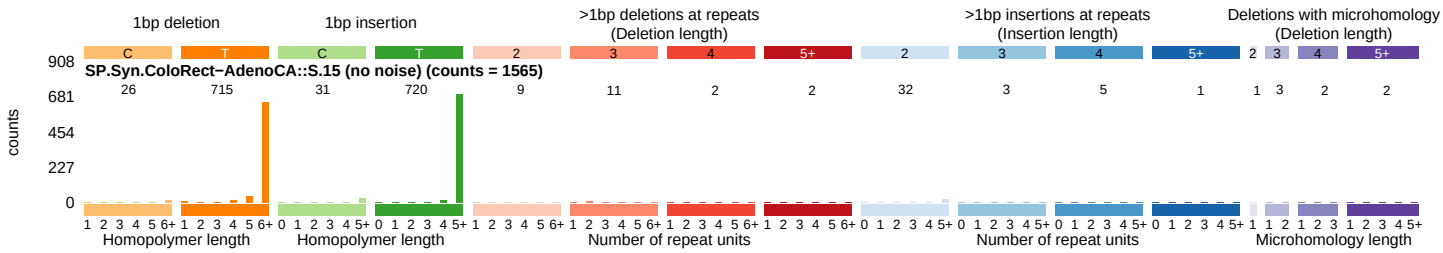
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.14 (no noise) (counts = 534)
counts
Homopolymer length
Number of repeat units
Microhomology length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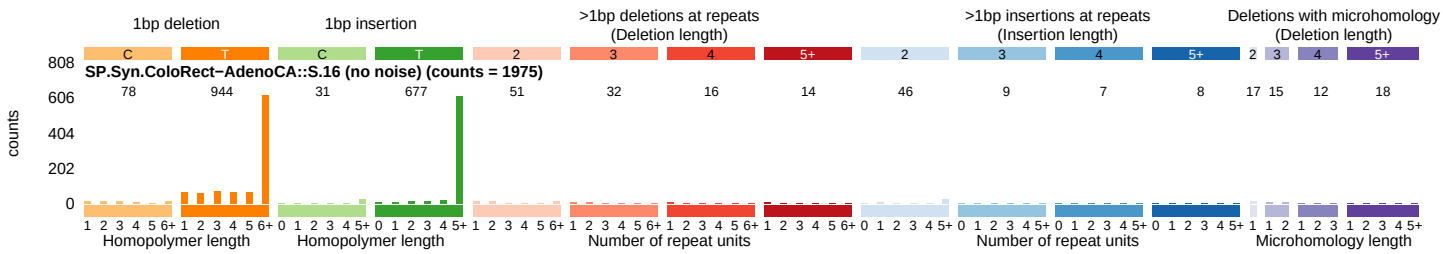
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.15 (no noise) (counts = 1565)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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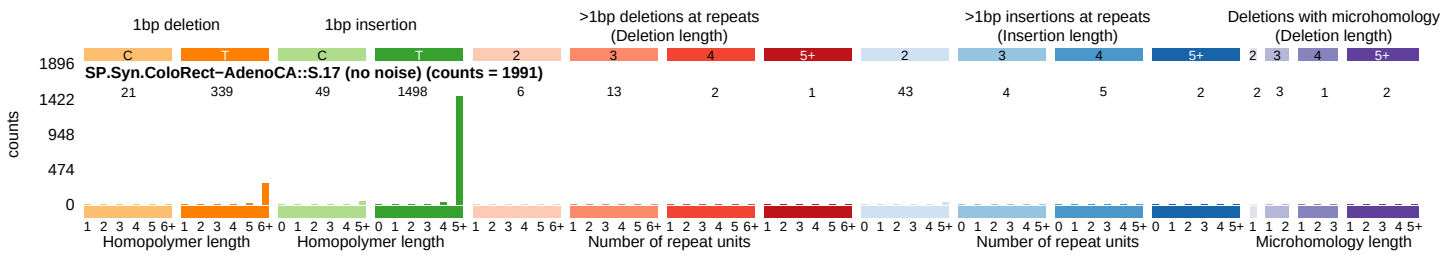
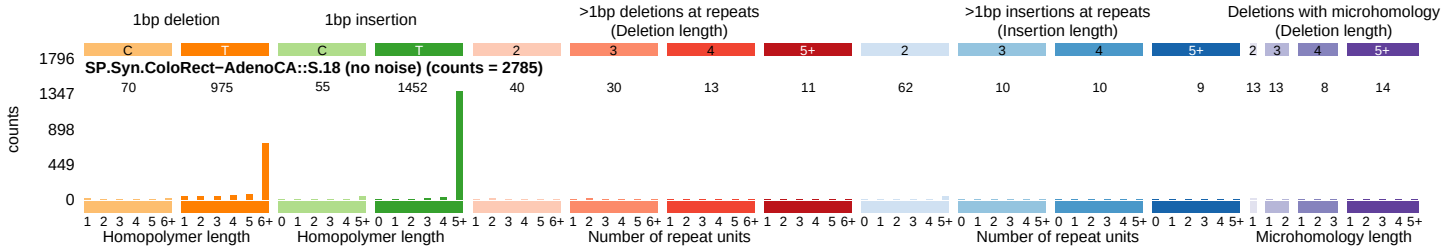
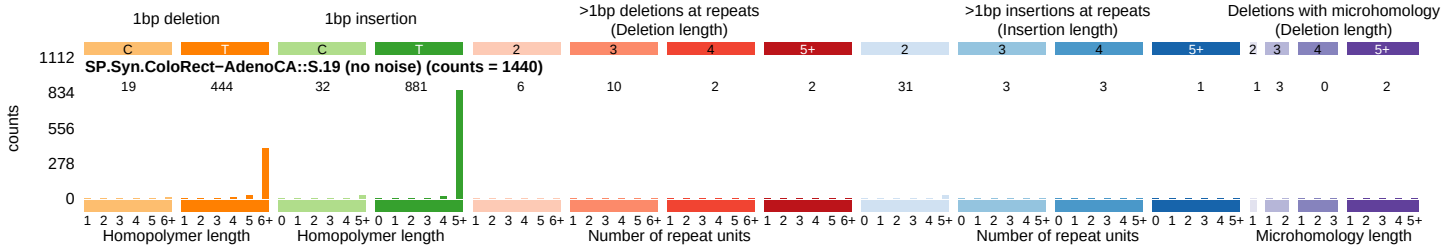
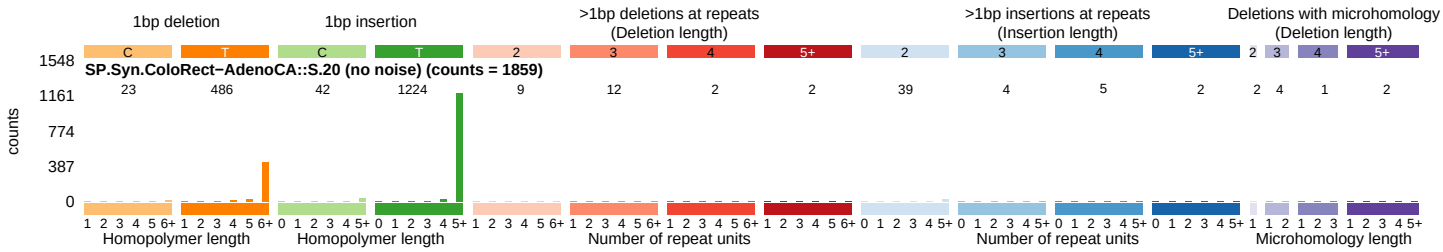
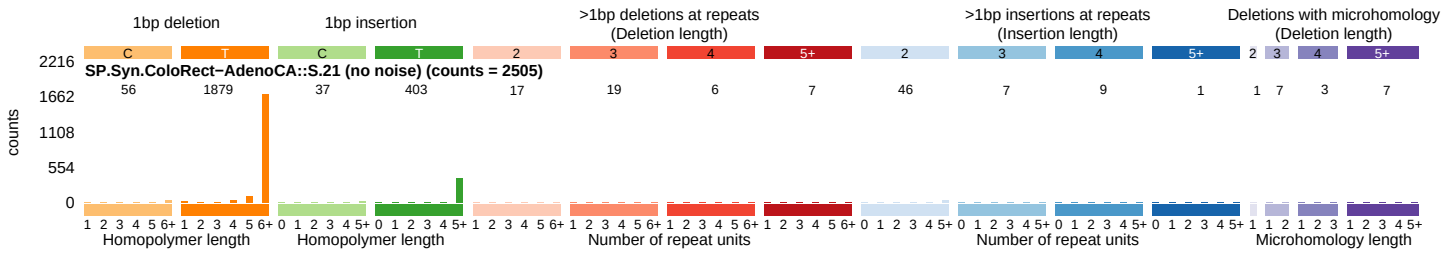
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.16 (no noise) (counts = 1975)
counts
Homopolymer length
Number of repeat units
Microhomology length

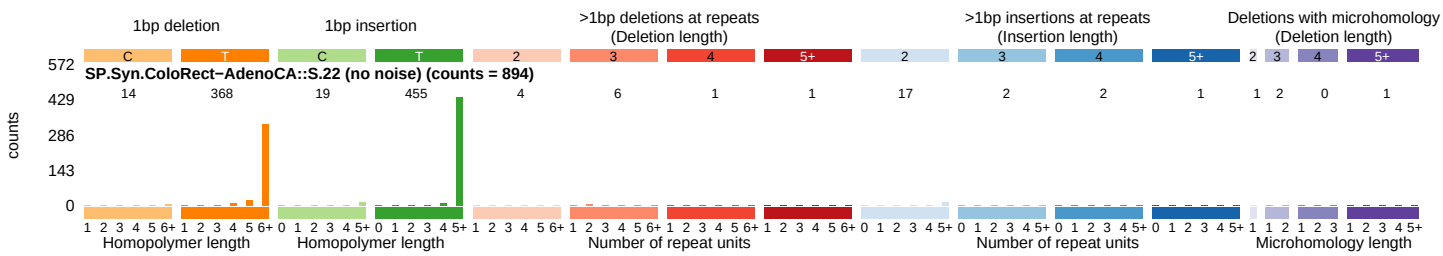

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.17 (no noise) (counts = 1991)
counts
Homopolymer length
Number of repeat units
Microhomology length

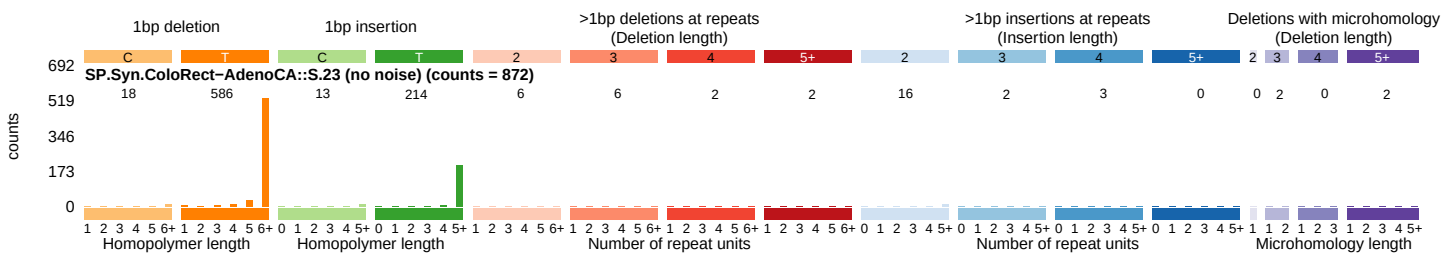

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.18 (no noise) (counts = 2785)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
70 975 55 1452 40 30 13 11 62 10 10 9 13 13 8 14
counts
1796 1347 898 449 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

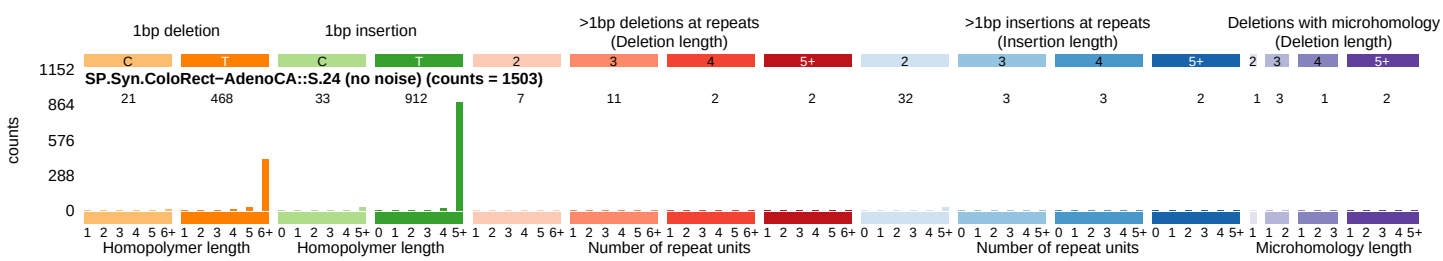

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.19 (no noise) (counts = 1440)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
19 444 32 881 6 10 2 2 31 3 3 1 1 3 0 2
counts
1112 834 556 278 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

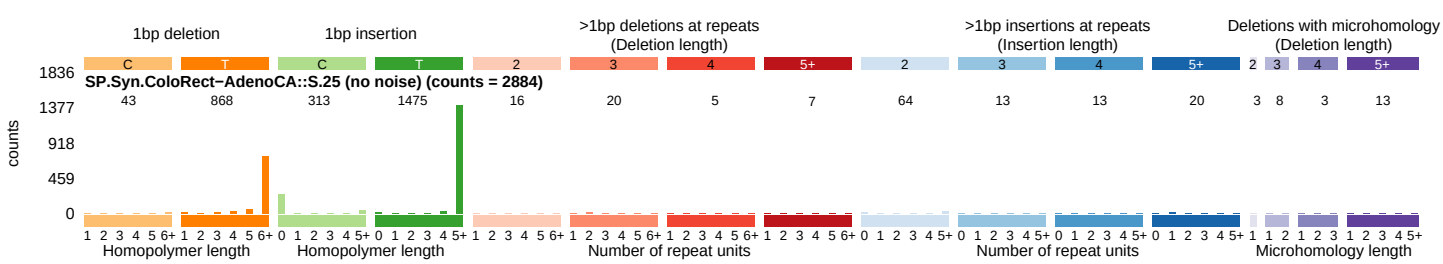

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.20 (no noise) (counts = 1859)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
23 486 42 1224 9 12 2 2 39 4 5 2 2 4 1 2
counts
1548 1161 774 387 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

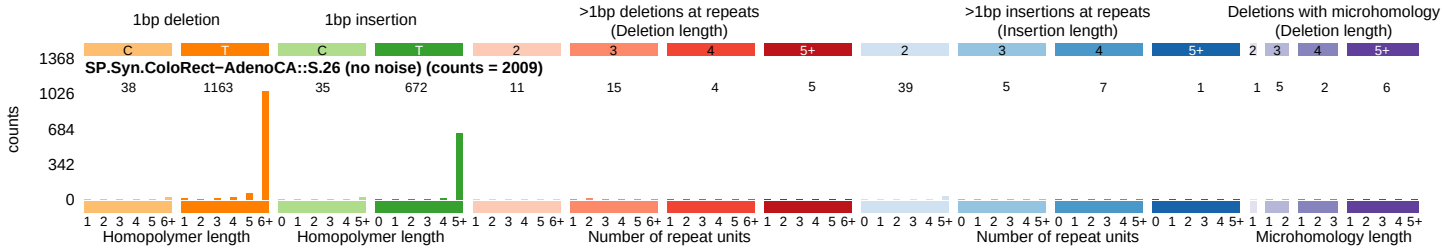

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.21 (no noise) (counts = 2505)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
56 1879 37 403 17 19 6 7 46 7 9 1 1 7 3 7
counts
2216 1662 1108 554 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

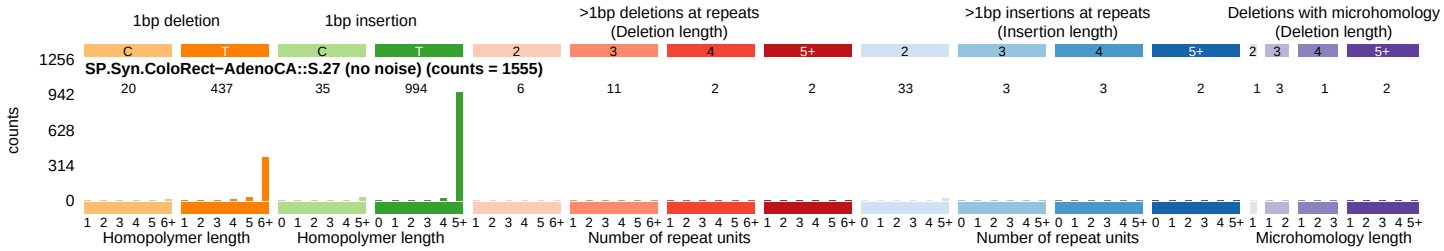

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.22 (no noise) (counts = 894)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
14 368 19 455 4 6 1 1 17 2 2 1 1 2 0 1
counts
572 429 286 143 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

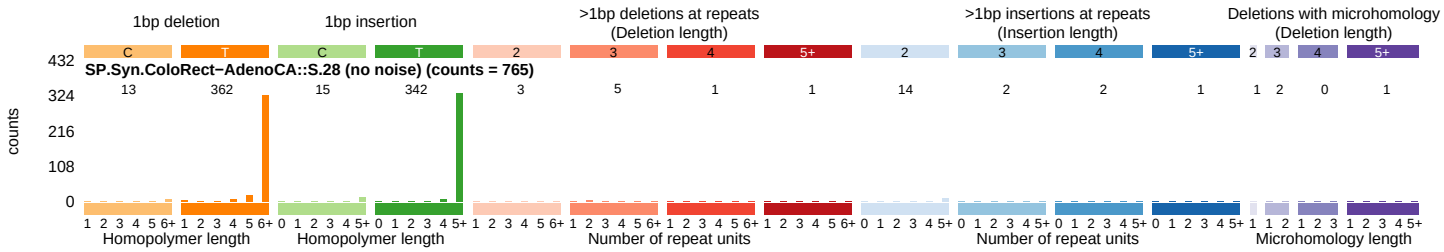

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.23 (no noise) (counts = 872)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
18 586 13 214 6 6 2 2 16 2 3 0 0 2 0 2
counts
692 519 346 173 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

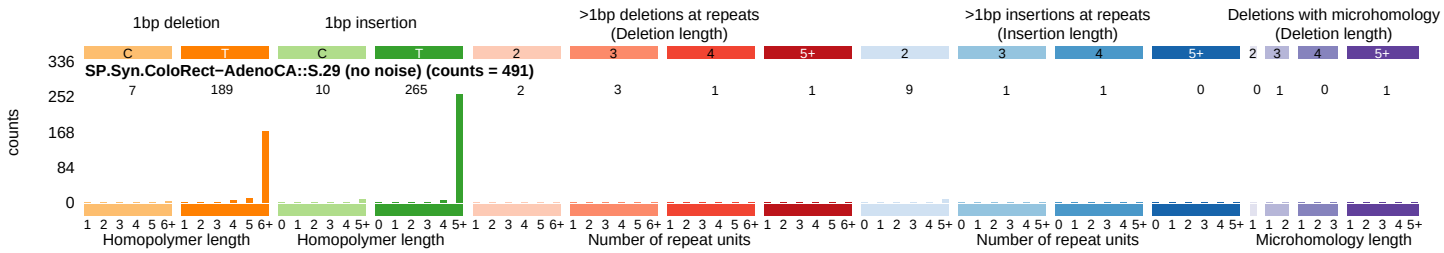

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.24 (no noise) (counts = 1503)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
21 468 33 912 7 11 2 2 32 3 3 2 1 3 1 2
counts
1152 864 576 288 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

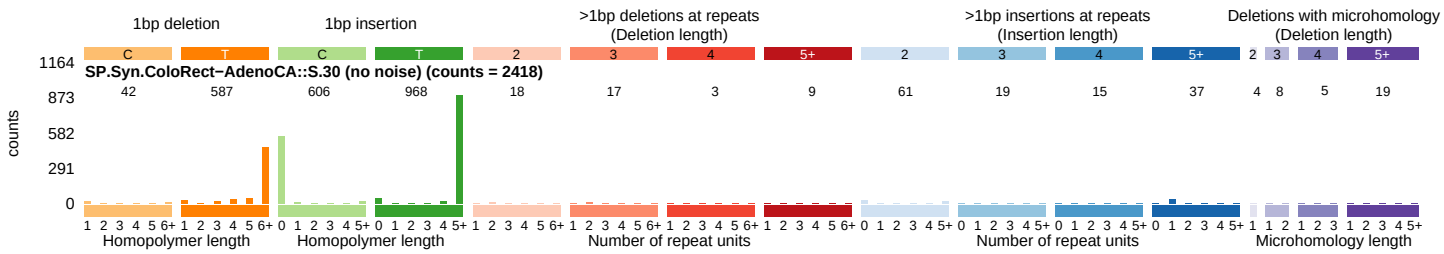

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.25 (no noise) (counts = 2884)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
43 868 313 1475 16 20 5 7 64 13 13 20 3 8 3 13
counts
1836 1377 918 459 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

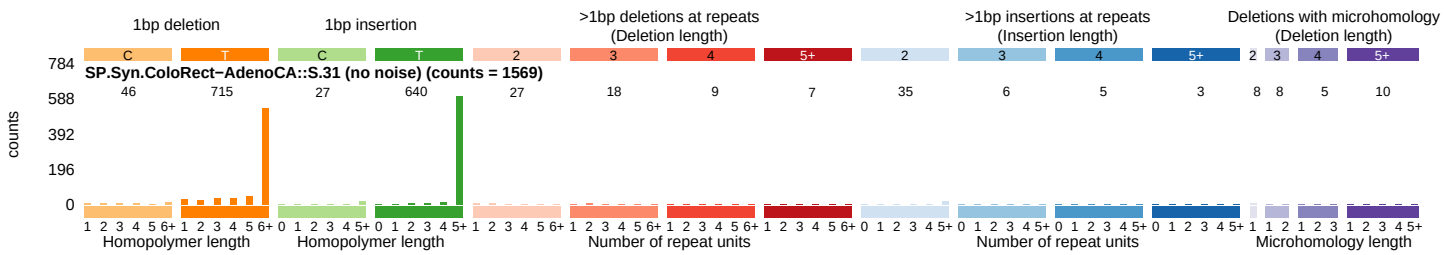

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.26 (no noise) (counts = 2009)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
38 1163 35 672 11 15 4 5 39 5 7 1 1 5 2 6
counts
1368 1026 684 342 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

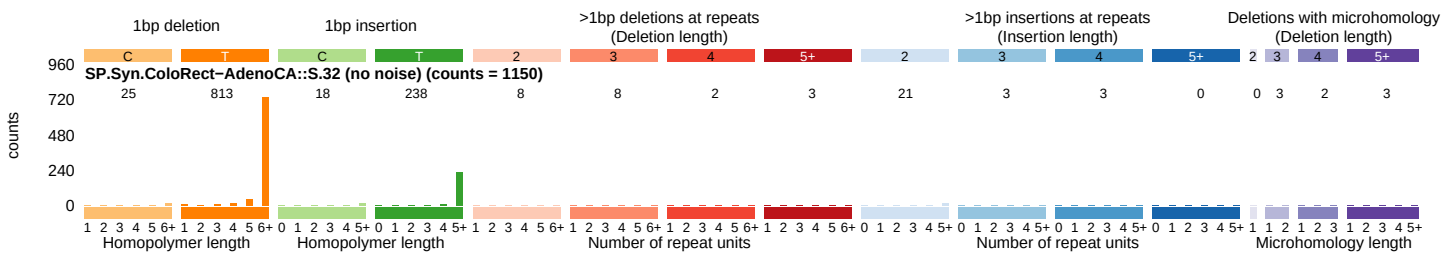

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.27 (no noise) (counts = 1555)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
20 437 35 994 6 11 2 2 33 3 3 2 1 3 1 2
counts
1256 942 628 314 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

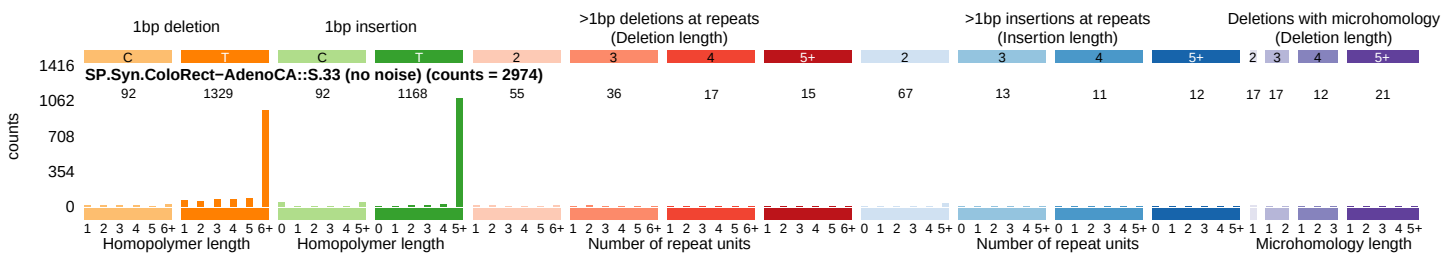

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.28 (no noise) (counts = 765)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
13 362 15 342 3 5 1 1 14 2 2 1 1 2 0 1
counts
432 324 216 108 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

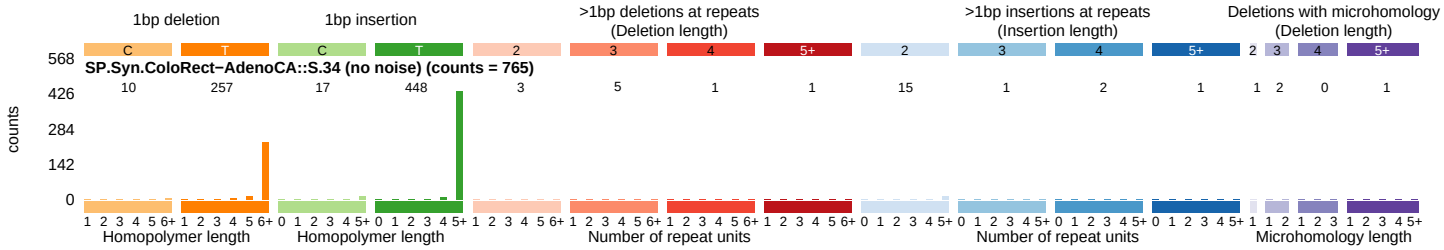

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.29 (no noise) (counts = 491)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
7 189 10 265 2 3 1 1 9 1 1 0 0 1 0 1
counts
336 252 168 84 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

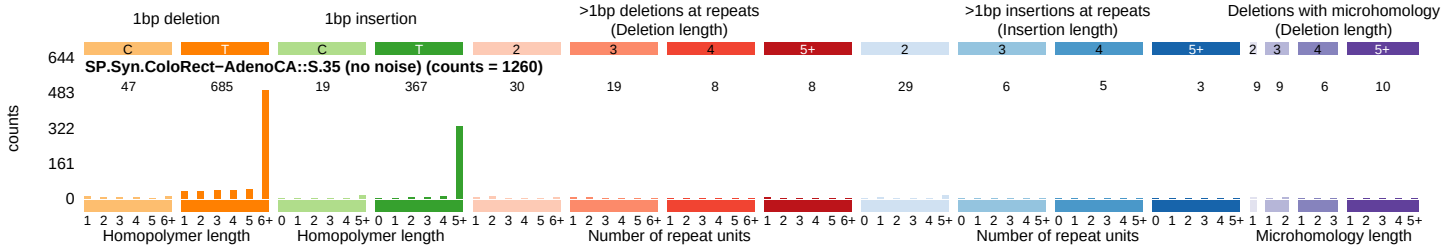

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.30 (no noise) (counts = 2418)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
42 587 606 968 18 17 3 9 61 19 15 37 4 8 5 19
counts
1164 873 582 291 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

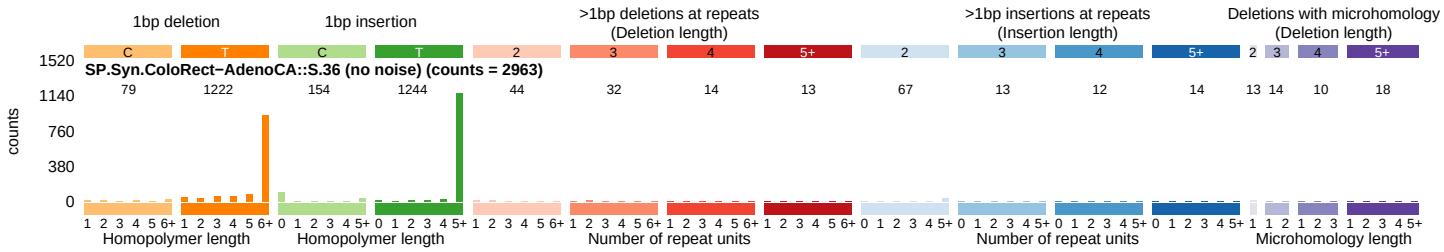

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.31 (no noise) (counts = 1569)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
46 715 27 640 27 18 9 7 35 6 5 3 8 8 5 10
counts
784 588 392 196 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.32 (no noise) (counts = 1150)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
25 813 18 238 8 8 2 3 21 3 3 0 0 3 2 3
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)
SP.Syn.ColoRect−AdenoCA::S.33 (no noise) (counts = 2974)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
92 1329 92 1168 55 36 17 15 67 13 11 12 17 17 12 21
counts
1416 1062 708 354 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.34 (no noise) (counts = 765)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
10 257 17 448 3 5 1 1 15 1 2 1 1 2 0 1
counts
568 426 284 142 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.ColoRect−AdenoCA::S.35 (no noise) (counts = 1260)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
47 685 19 367 30 19 8 8 29 6 5 3 9 9 6 10
counts
644 483 322 161 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
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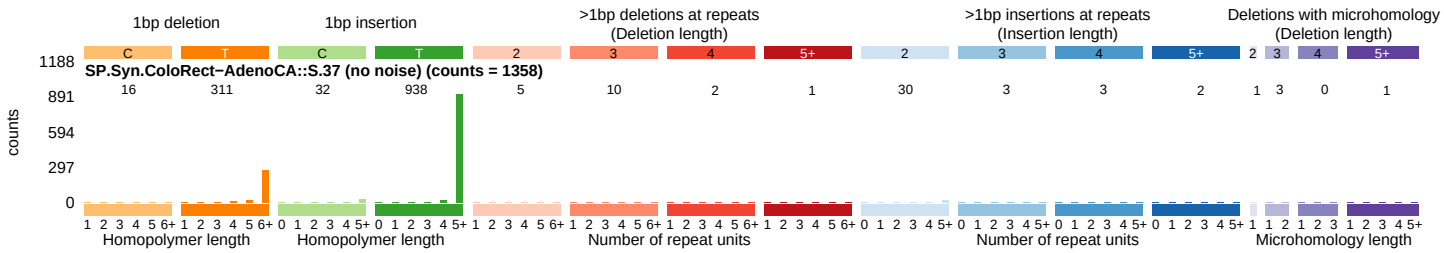
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.36 (no noise) (counts = 2963)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
79 1222 154 1244 44 32 14 13 67 13 12 14 13 14 10 18
counts
1520 1140 760 380 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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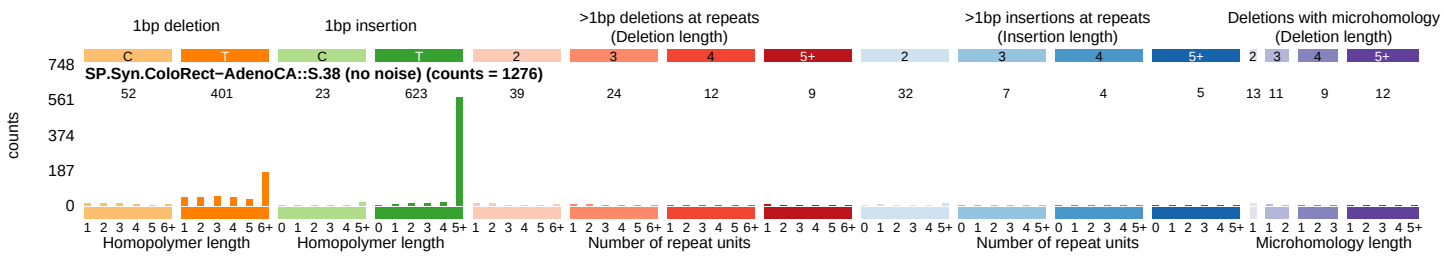
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.37 (no noise) (counts = 1358)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
16 311 32 938 5 10 2 1 30 3 3 2 1 3 0 1
counts
1188 891 594 297 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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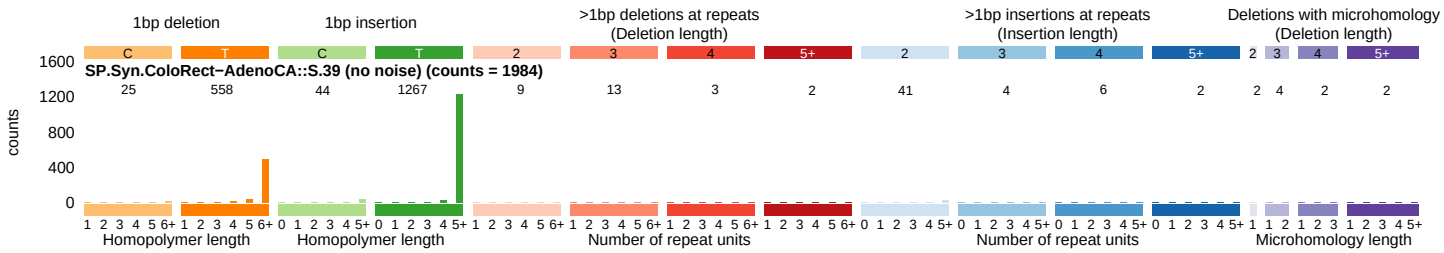
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.38 (no noise) (counts = 1276)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
52 401 23 623 39 24 12 9 32 7 4 5 13 11 9 12
counts
748 561 374 187 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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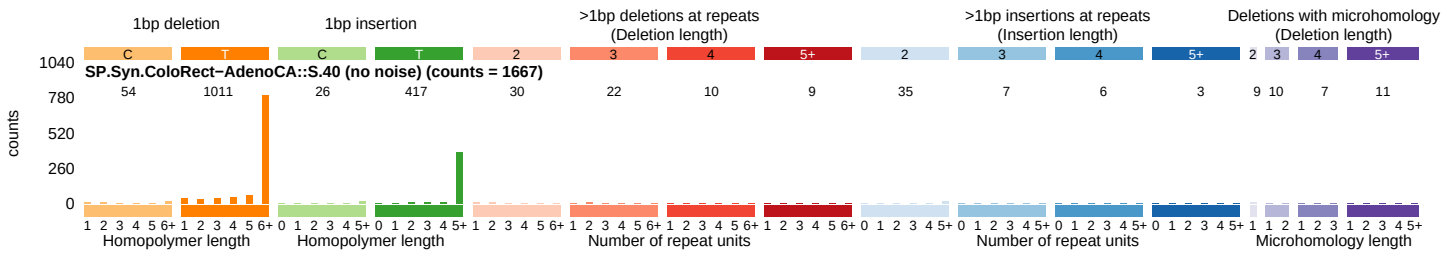
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.39 (no noise) (counts = 1984)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
25 558 44 1267 9 13 3 2 41 4 6 2 2 4 2 2
counts
1600 1200 800 400 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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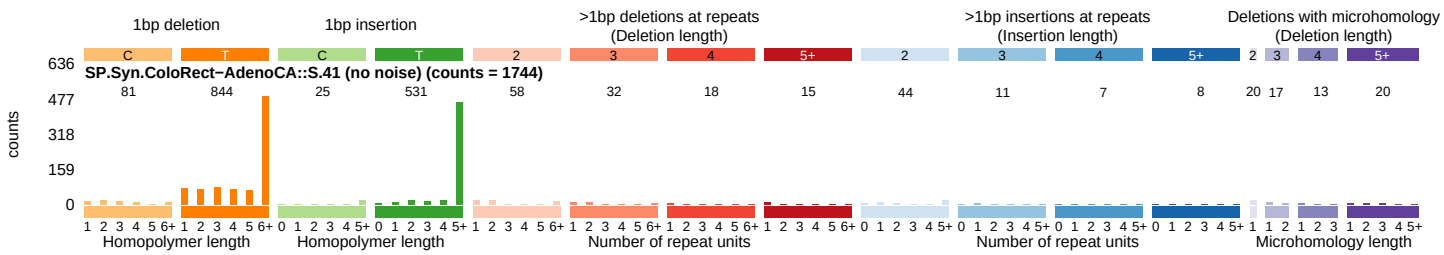
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.40 (no noise) (counts = 1667)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
54 1011 26 417 30 22 10 9 35 7 6 3 9 10 7 11
counts
1040 780 520 260 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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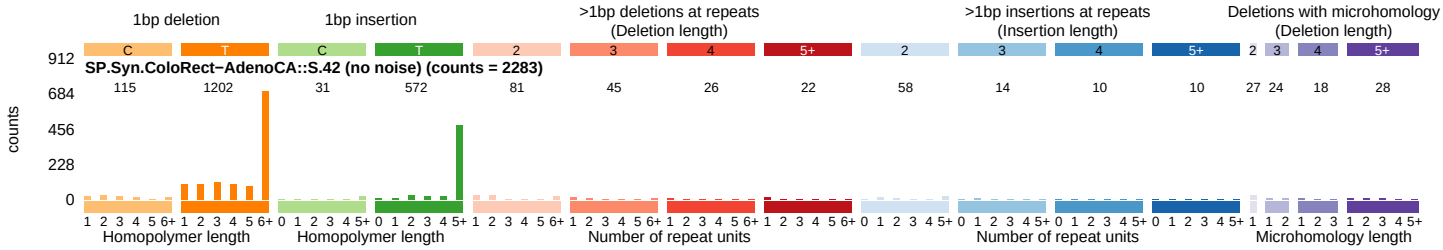
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.41 (no noise) (counts = 1744)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
81 844 25 531 58 32 18 15 44 11 7 8 20 17 13 20
counts
636 477 318 159 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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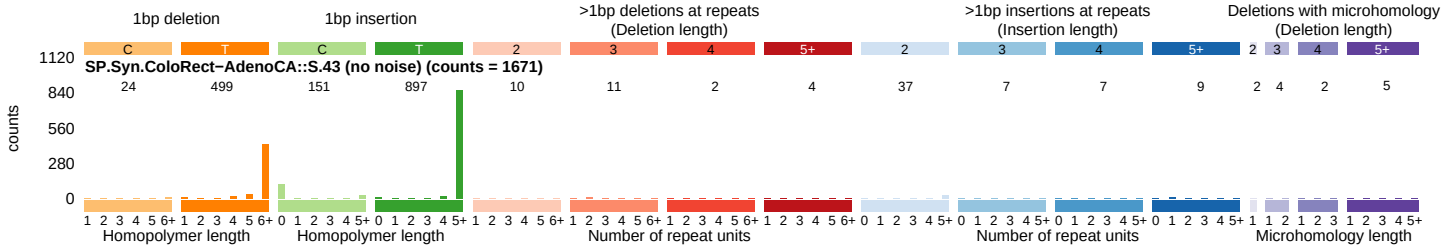
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.42 (no noise) (counts = 2283)
115 1202 31 572 81 45 26 22 58 14 10 10 27 24 18 28
counts
Homopolymer length
Number of repeat units
Microhomology length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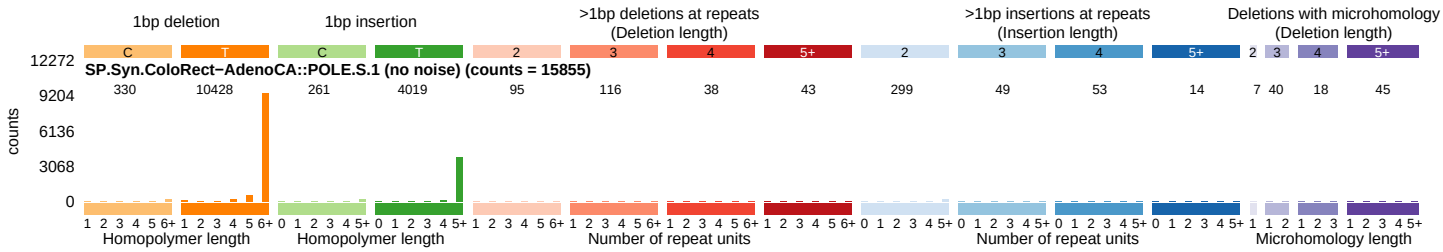
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.43 (no noise) (counts = 1671)
24 499 151 897 10 11 2 4 37 7 7 9 2 4 2 5
counts
Homopolymer length
Number of repeat units
Microhomology length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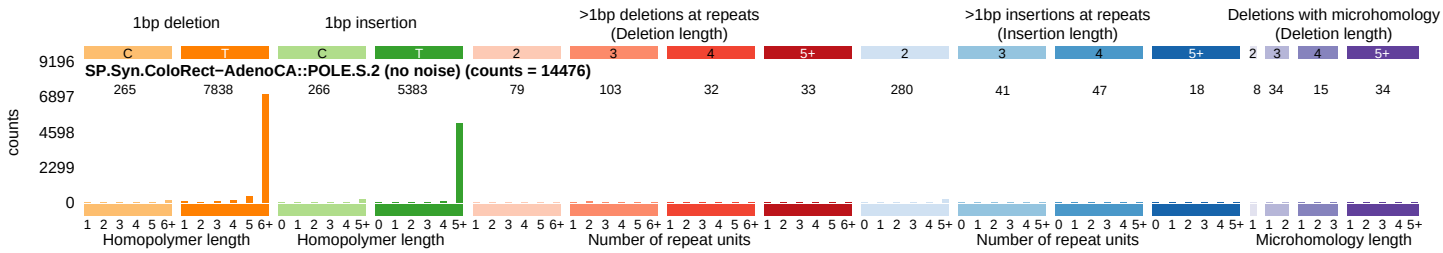
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.1 (no noise) (counts = 15855)
330 10428 261 4019 95 116 38 43 299 49 53 14 7 40 18 45
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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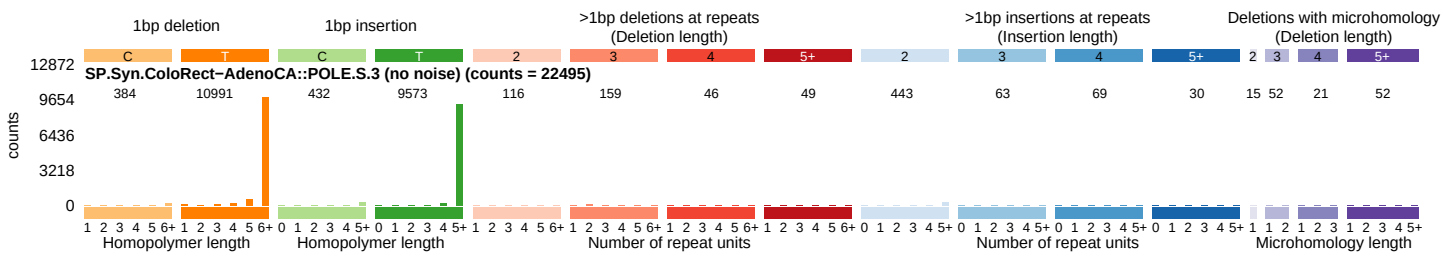
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.2 (no noise) (counts = 14476)
265 7838 266 5383 79 103 32 33 280 41 47 18 8 34 15 34
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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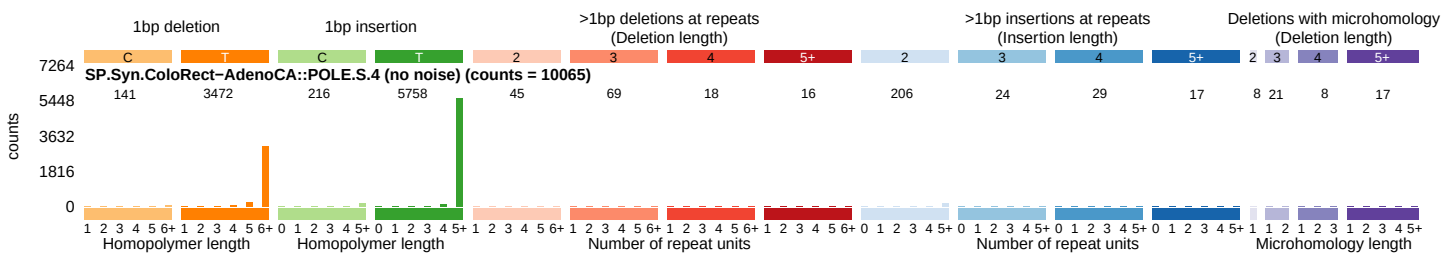
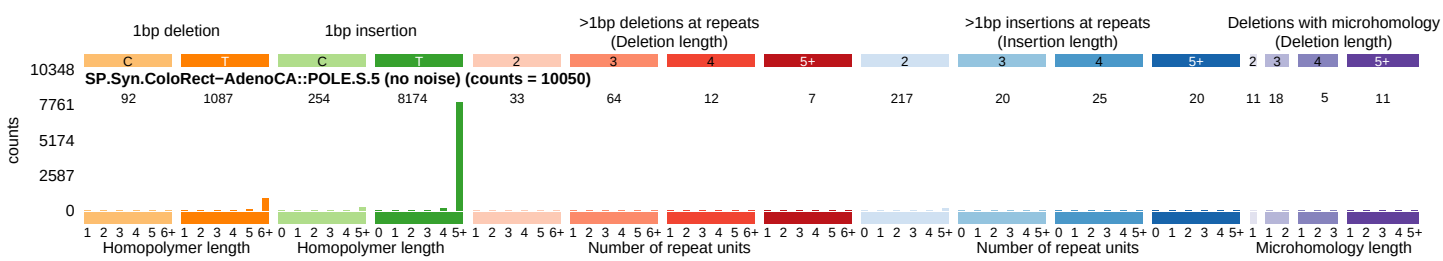
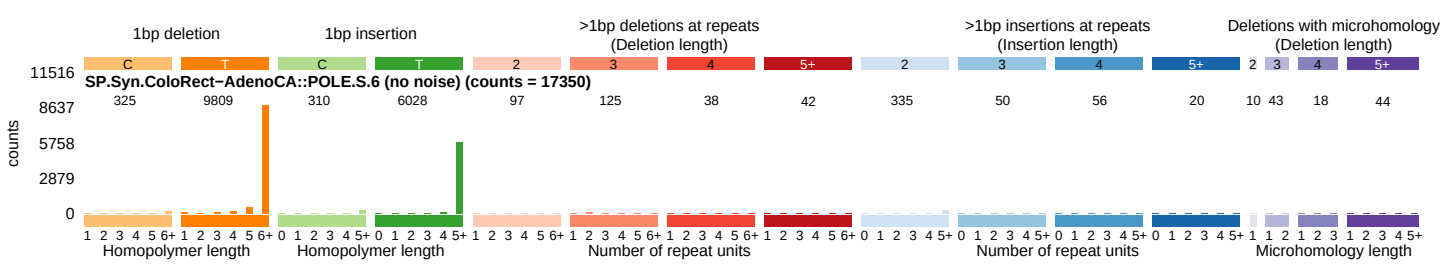
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.3 (no noise) (counts = 22495)
384 10991 432 9573 116 159 46 49 443 63 69 30 15 52 21 52
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.4 (no noise) (counts = 10065)
141 3472 216 5758 45 69 18 16 206 24 29 17 8 21 8 17
counts
Homopolymer length
Number of repeat units
Microhomology 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)
92 1087 254 8174 33 64 12 7 217 20 25 20 11 18 5 11
counts
Homopolymer length
Number of repeat units
Microhomology length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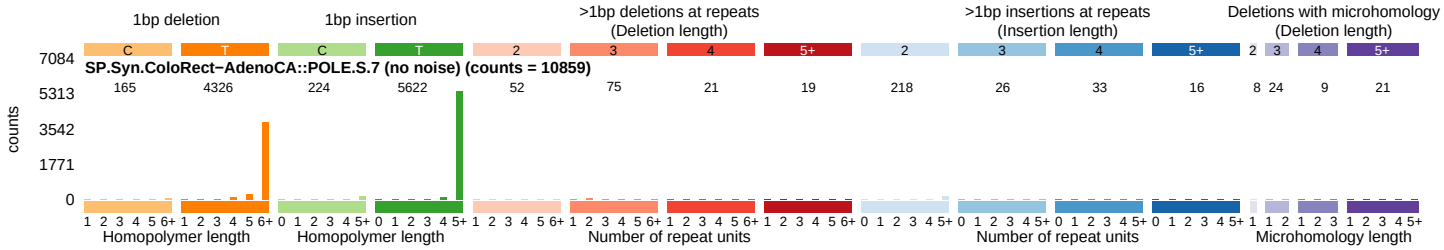
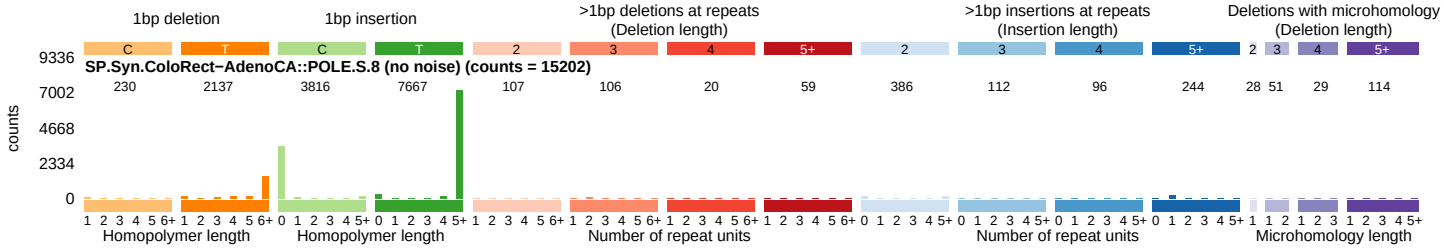
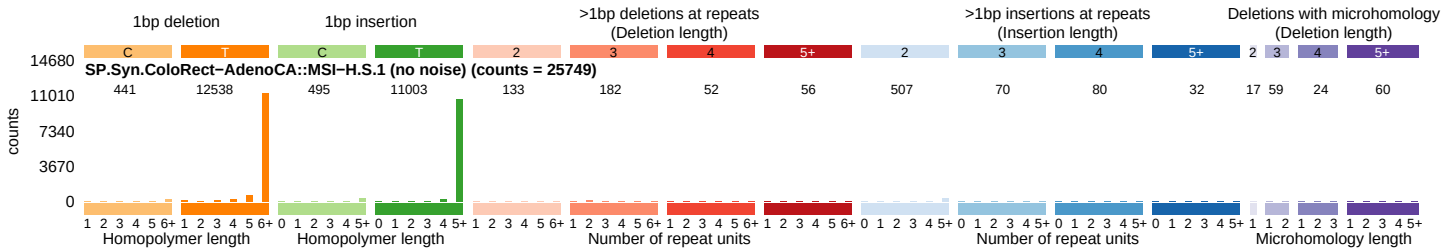
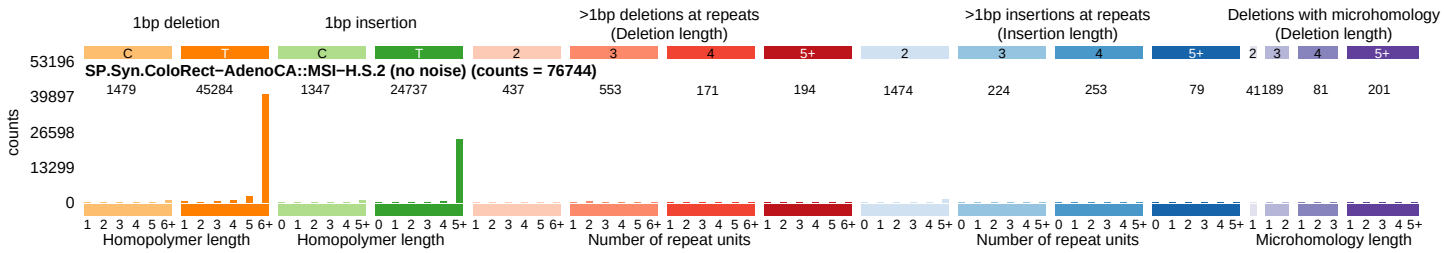
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.6 (no noise) (counts = 17350)
325 9809 310 6028 97 125 38 42 335 50 56 20 10 43 18 44
counts
Homopolymer length
Number 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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.ColoRect−AdenoCA::POLE.S.7 (no noise) (counts = 10859)
165 4326 224 5622 52 75 21 19 218 26 33 16 8 24 9 21
counts
7084 5313 3542 1771 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.ColoRect−AdenoCA::POLE.S.8 (no noise) (counts = 15202)
230 2137 3816 7667 107 106 20 59 386 112 96 244 28 51 29 114
counts
9336 7002 4668 2334 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.ColoRect−AdenoCA::MSI−H.S.1 (no noise) (counts = 25749)
441 12538 495 11003 133 182 52 56 507 70 80 32 17 59 24 60
counts
14680 11010 7340 3670 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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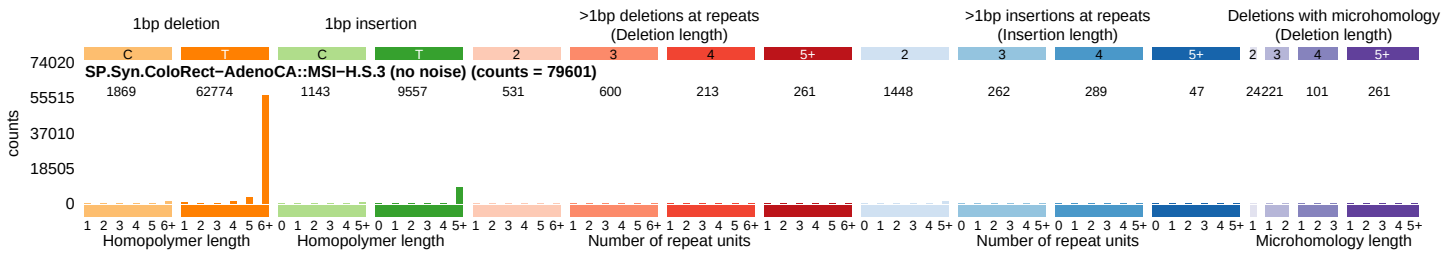
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.ColoRect−AdenoCA::MSI−H.S.2 (no noise) (counts = 76744)
1479 45284 1347 24737 437 553 171 194 1474 224 253 79 41189 81 201
counts
53196 39897 26598 13299 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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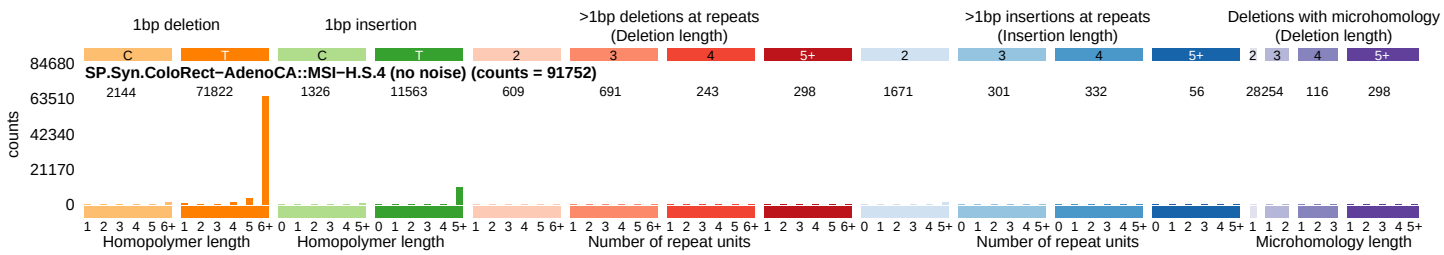
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.ColoRect−AdenoCA::MSI−H.S.3 (no noise) (counts = 79601)
1869 62774 1143 9557 531 600 213 261 1448 262 289 47 24221 101 261
counts
74020 55515 37010 18505 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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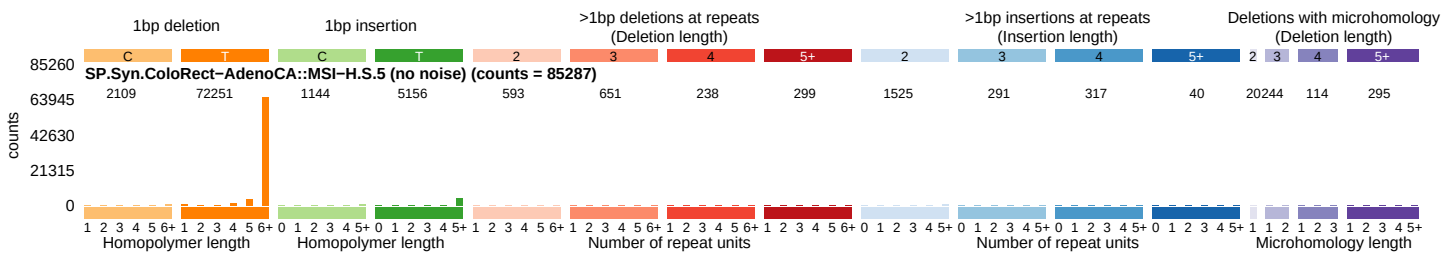
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.ColoRect−AdenoCA::MSI−H.S.4 (no noise) (counts = 91752)
2144 71822 1326 11563 609 691 243 298 1671 301 332 56 28254 116 298
counts
84680 63510 42340 21170 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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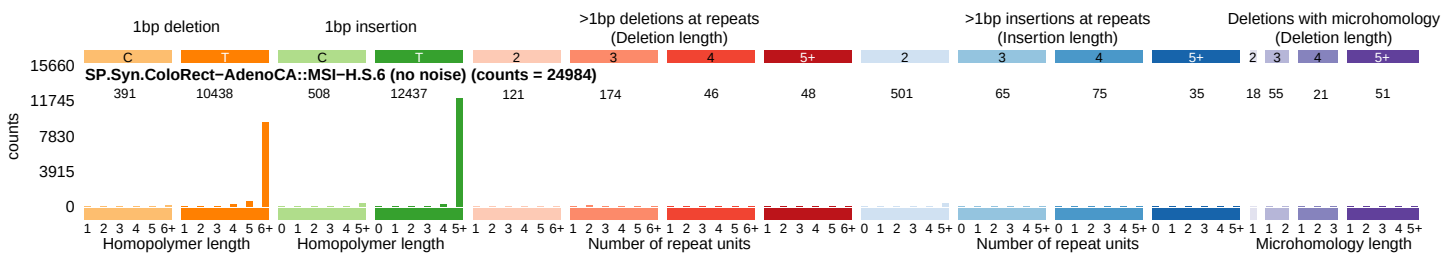
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.ColoRect−AdenoCA::MSI−H.S.5 (no noise) (counts = 85287)
2109 72251 1144 5156 593 651 238 299 1525 291 317 40 20244 114 295
counts
85260 63945 42630 21315 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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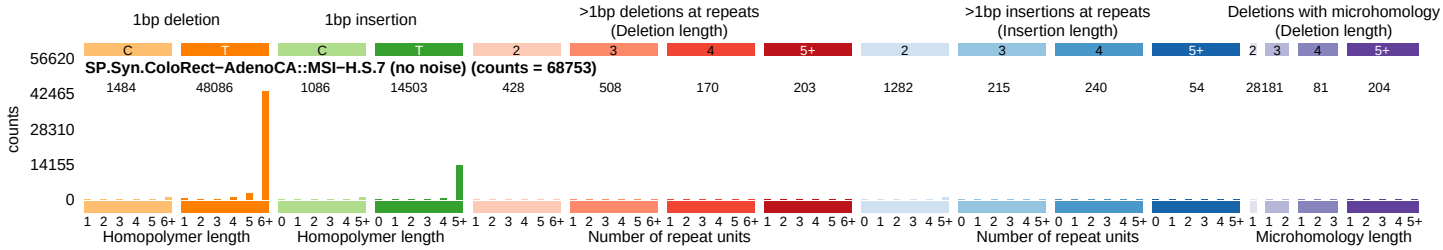
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.ColoRect−AdenoCA::MSI−H.S.6 (no noise) (counts = 24984)
391 10438 508 12437 121 174 46 48 501 65 75 35 18 55 21 51
counts
15660 11745 7830 3915 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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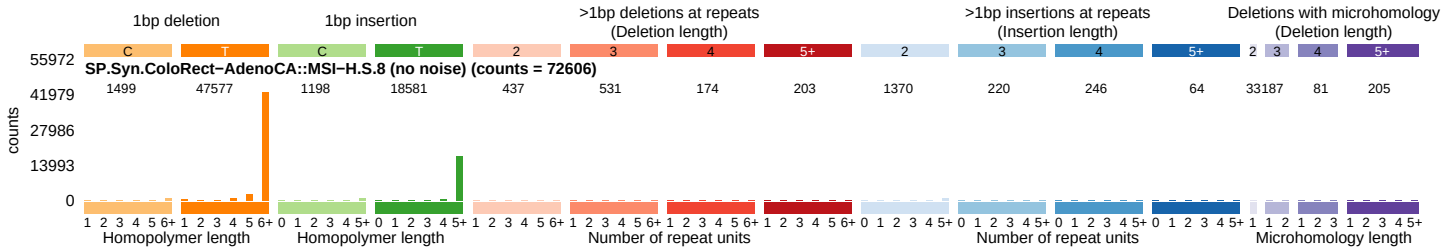
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.7 (no noise) (counts = 68753)
1484 48086 1086 14503 428 508 170 203 1282 215 240 54 28181 81 204
counts
Homopolymer length
Number of repeat units
Microhomology length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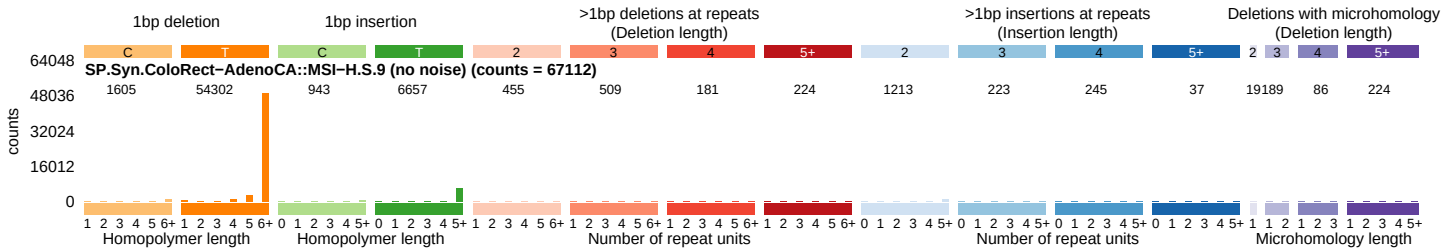
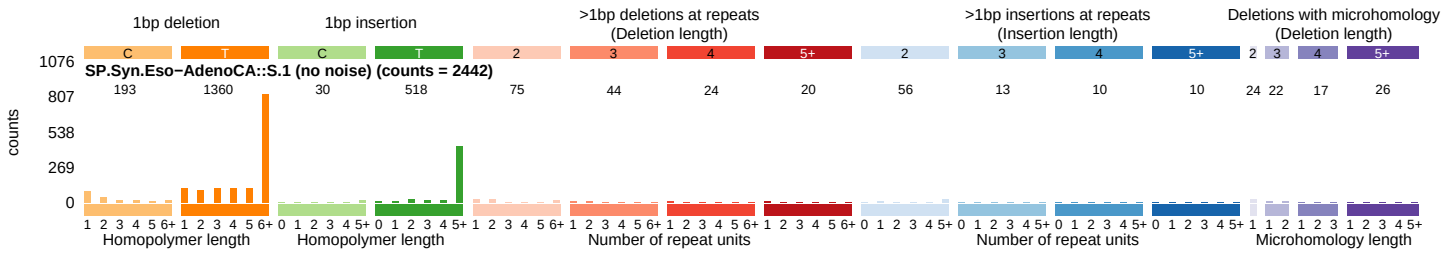
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.8 (no noise) (counts = 72606)
1499 47577 1198 18581 437 531 174 203 1370 220 246 64 33187 81 205
counts
Homopolymer length
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.ColoRect−AdenoCA::MSI−H.S.9 (no noise) (counts = 67112)
1605 54302 943 6657 455 509 181 224 1213 223 245 37 19189 86 224
counts
Homopolymer length
Number of repeat units
Microhomology length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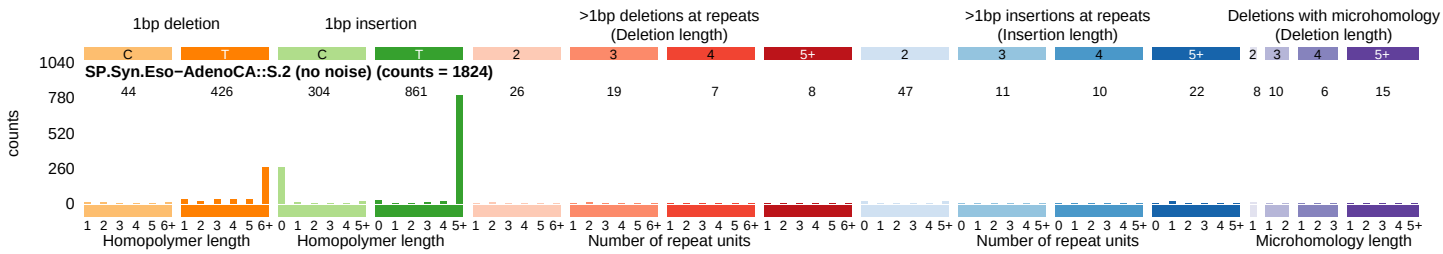
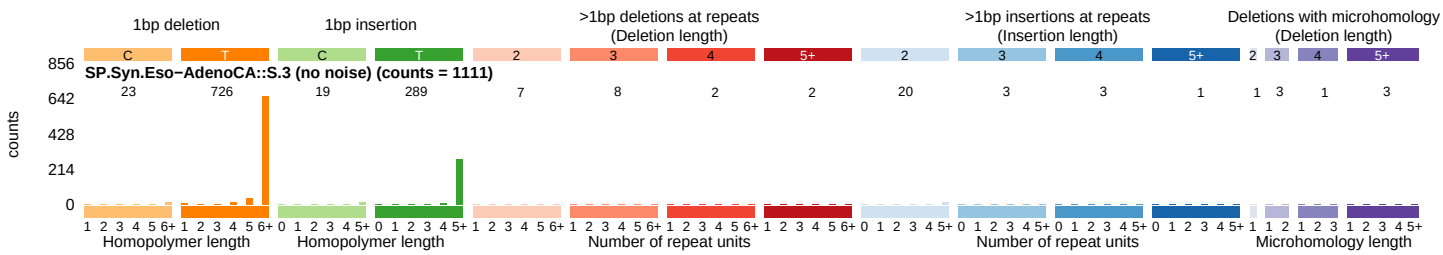
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.1 (no noise) (counts = 2442)
193 1360 30 518 75 44 24 20 56 13 10 10 24 22 17 26
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.2 (no noise) (counts = 1824)
44 426 304 861 26 19 7 8 47 11 10 22 8 10 6 15
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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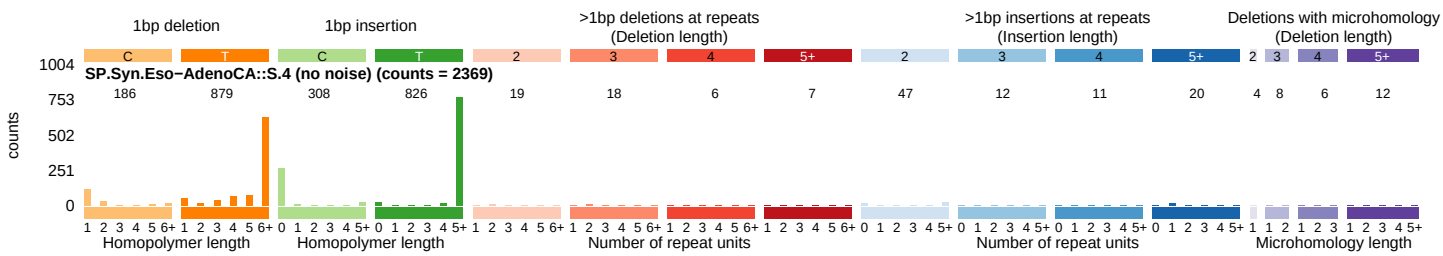
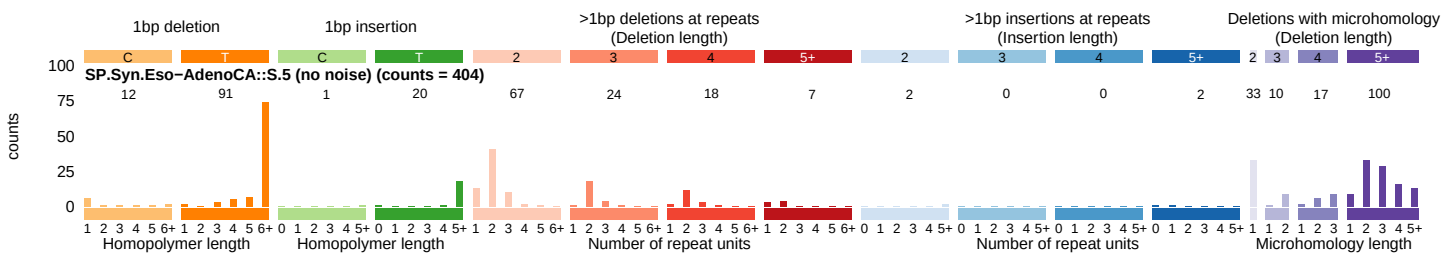
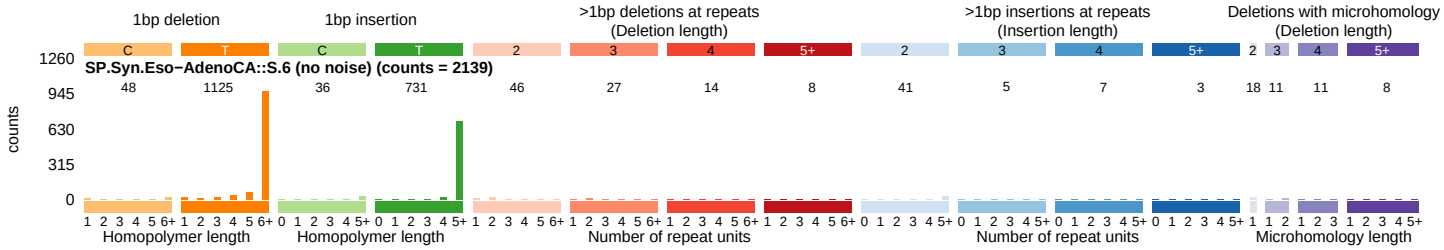
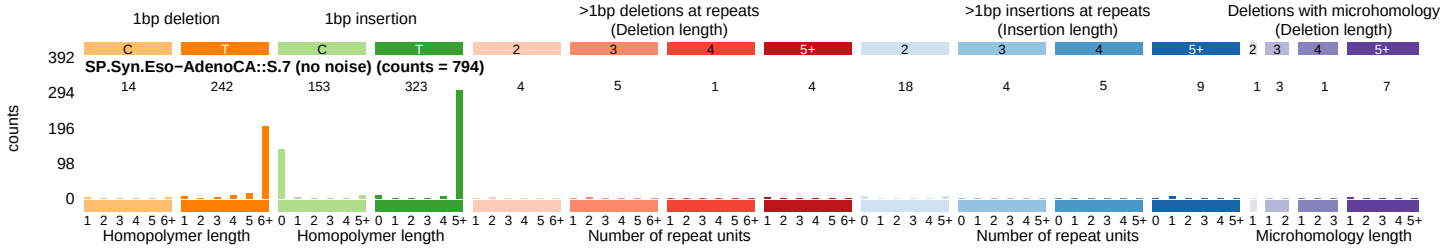
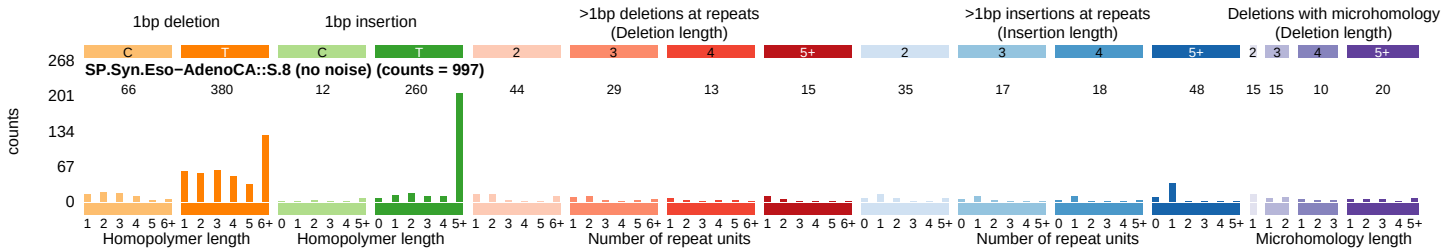
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.3 (no noise) (counts = 1111)
23 726 19 289 7 8 2 2 20 3 3 1 1 3 1 3
counts
Homopolymer length
Number of repeat units
Microhomology length

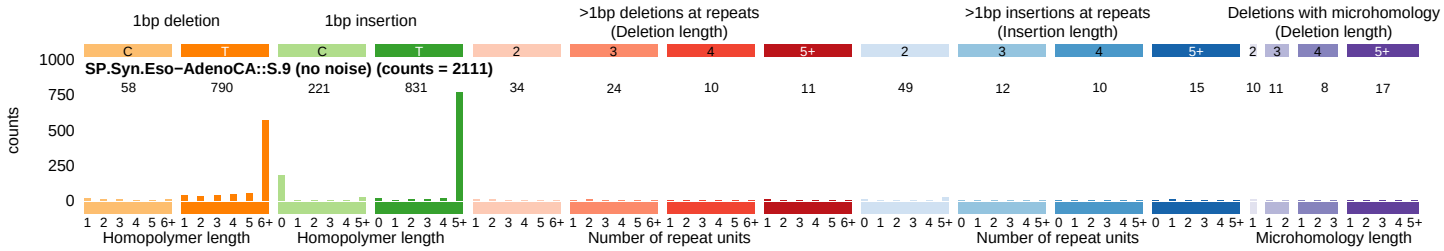

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.4 (no noise) (counts = 2369)
186 879 308 826 19 18 6 7 47 12 11 20 4 8 6 12
counts
Homopolymer length
Number of repeat units
Microhomology length

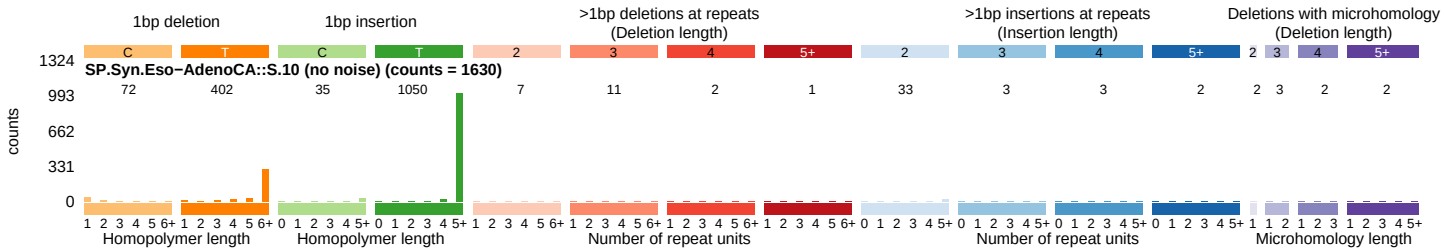

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.5 (no noise) (counts = 404)
12 91 1 20 67 24 18 7 2 0 0 2 33 10 17 100
counts
Homopolymer length
Number of repeat units
Microhomology length

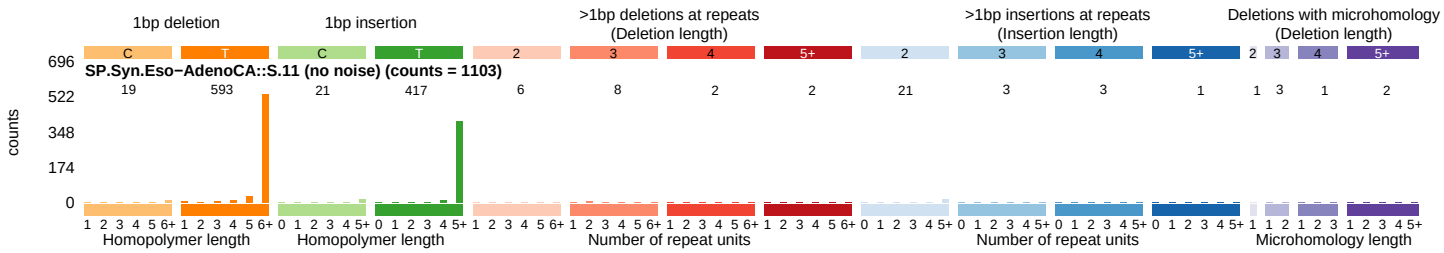

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.6 (no noise) (counts = 2139)
counts
Homopolymer length
Number of repeat units
Microhomology length

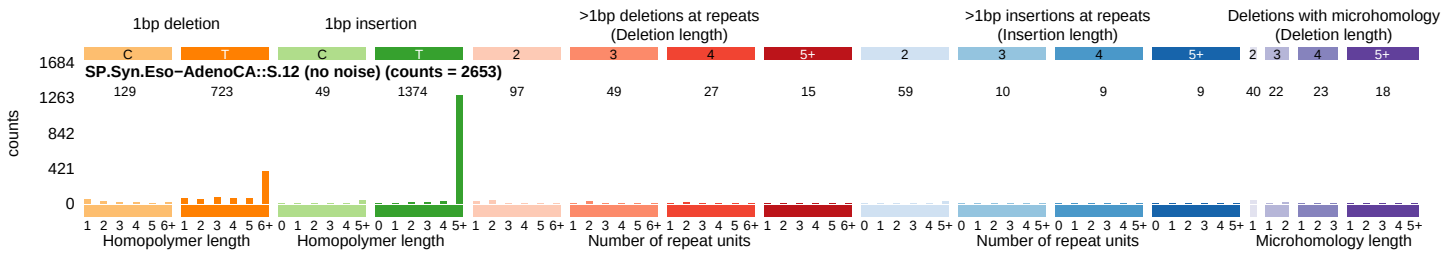

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.7 (no noise) (counts = 794)
counts
Homopolymer length
Number of repeat units
Microhomology length

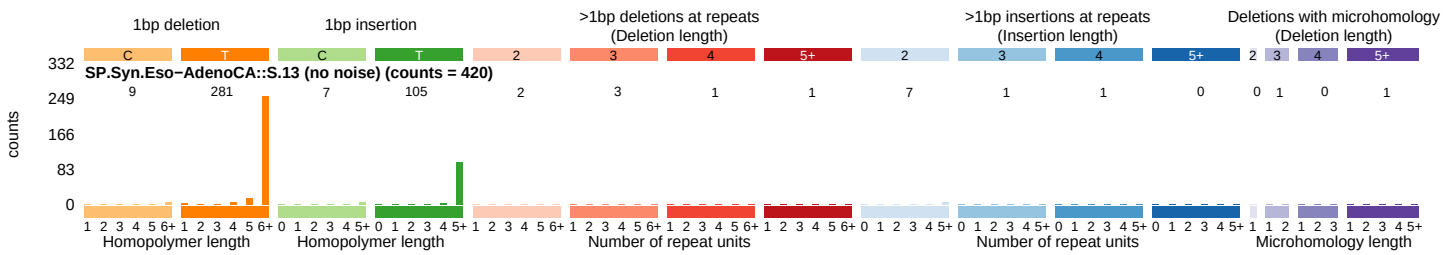

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.8 (no noise) (counts = 997)
counts
Homopolymer length
Number of repeat units
Microhomology length

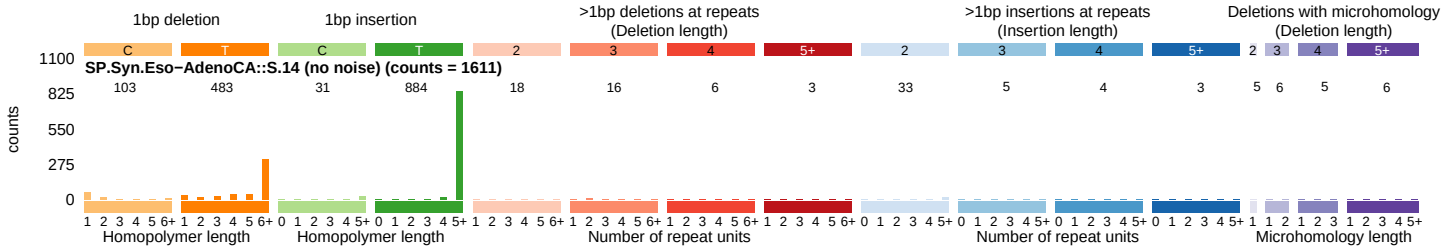

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.9 (no noise) (counts = 2111)
counts
Homopolymer length
Number of repeat units
Microhomology length

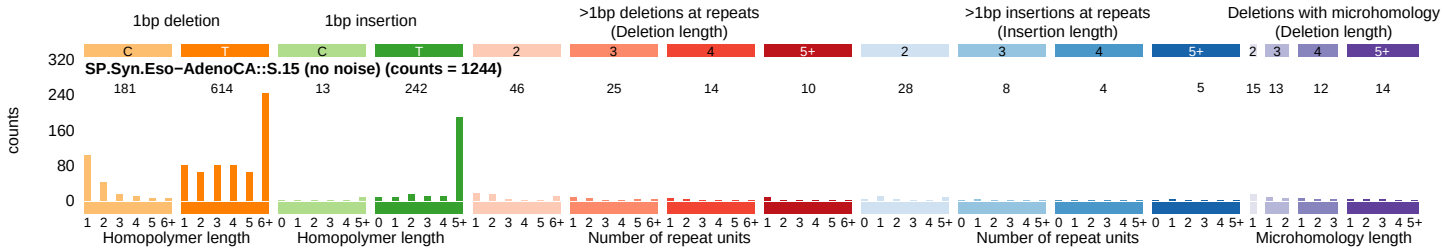

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.10 (no noise) (counts = 1630)
counts
Homopolymer length
Number of repeat units
Microhomology length

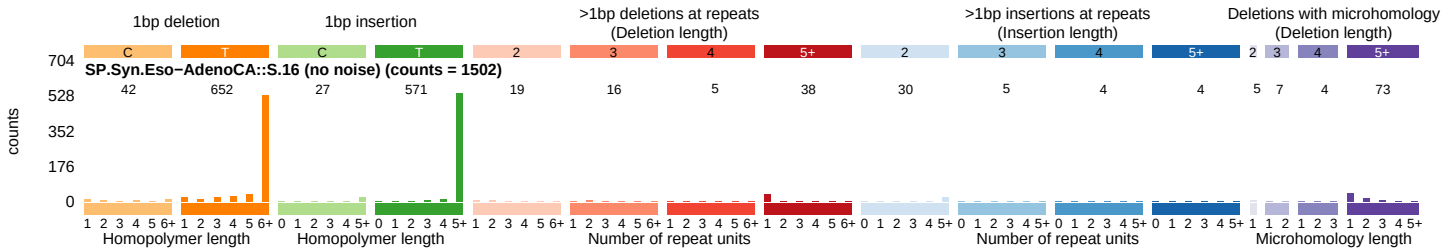

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.11 (no noise) (counts = 1103)
counts
Homopolymer length
Number of repeat units
Microhomology length

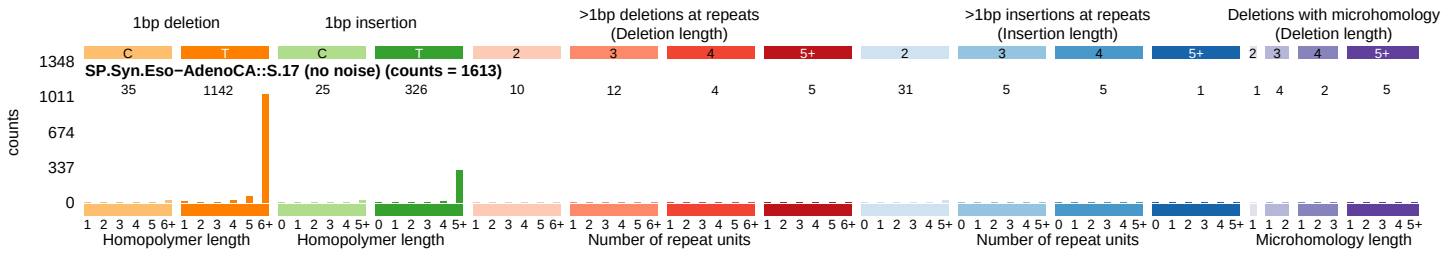

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.12 (no noise) (counts = 2653)
counts
Homopolymer length
Number of repeat units
Microhomology length

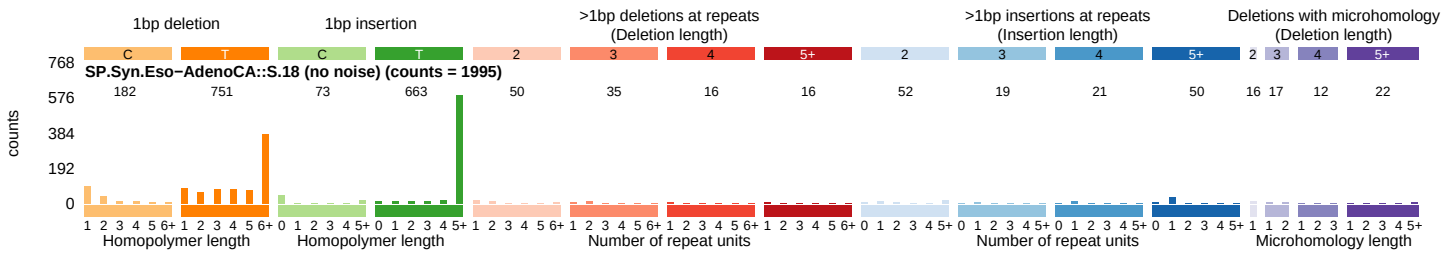

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.13 (no noise) (counts = 420)
counts
Homopolymer length
Number of repeat units
Microhomology length

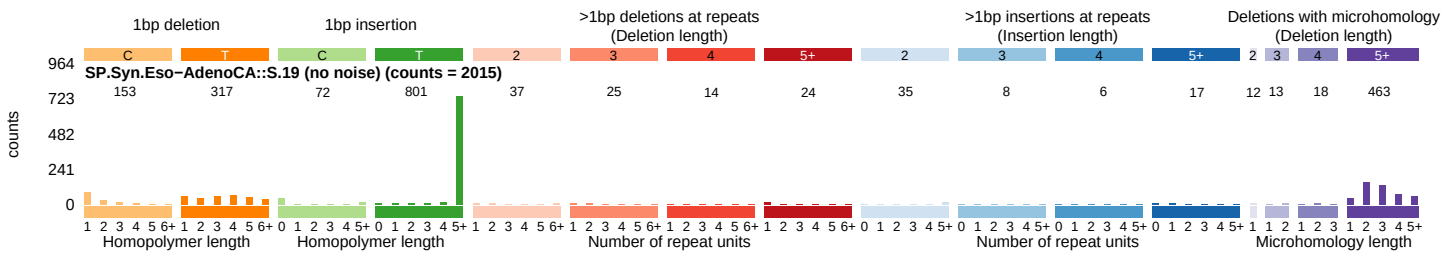

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.14 (no noise) (counts = 1611)
counts
Homopolymer length
Number of repeat units
Microhomology length

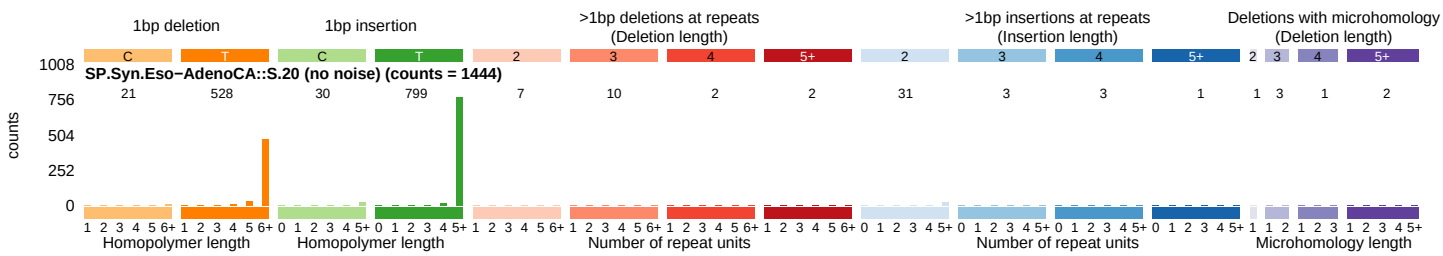

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.15 (no noise) (counts = 1244)
counts
Homopolymer length
Number of repeat units
Microhomology length

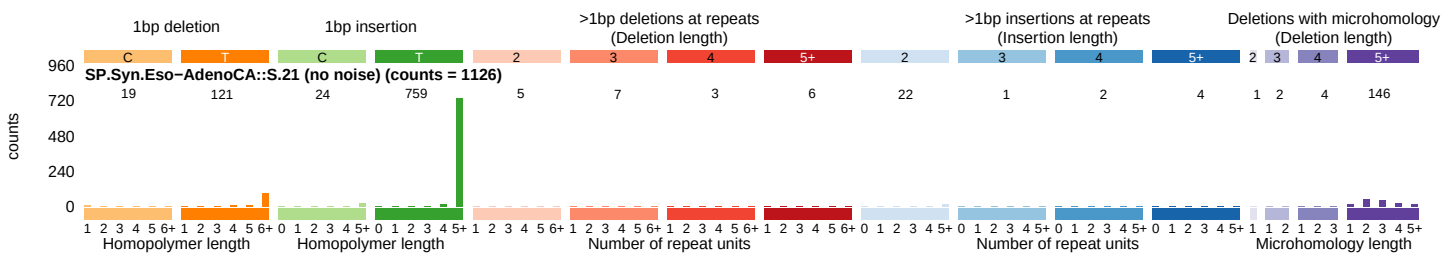

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.16 (no noise) (counts = 1502)
counts
Homopolymer length
Number of repeat units
Microhomology length

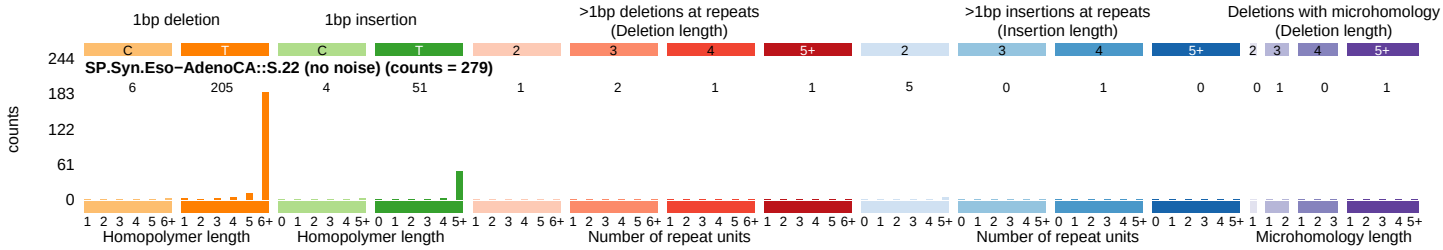

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.17 (no noise) (counts = 1613)
counts
Homopolymer length
Number of repeat units
Microhomology length

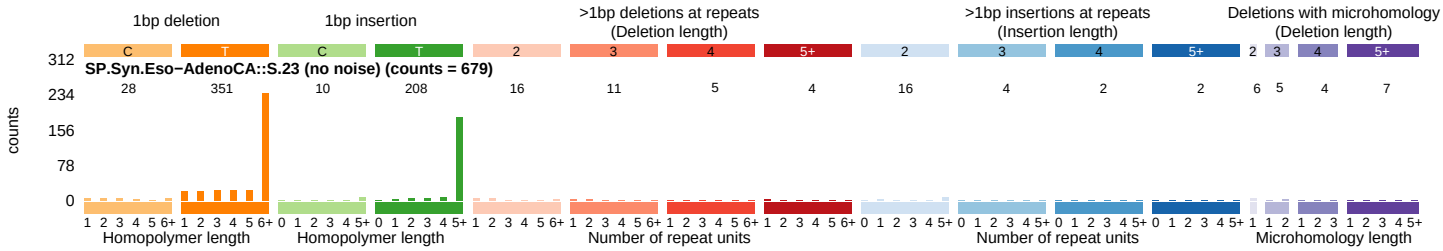

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.18 (no noise) (counts = 1995)
counts
Homopolymer length
Number of repeat units
Microhomology length

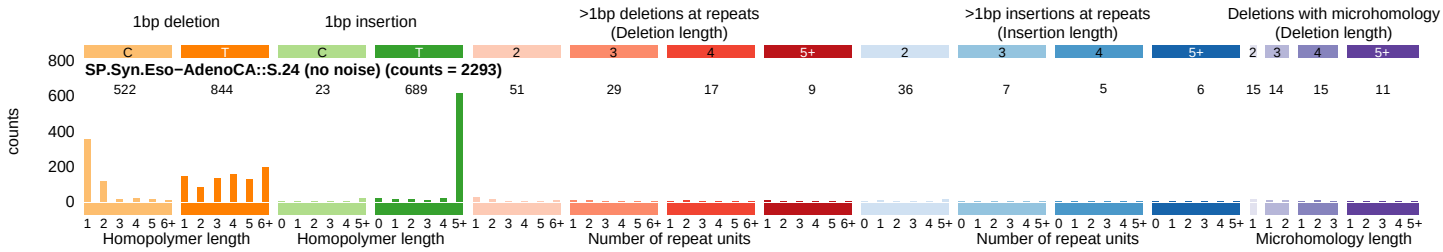

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.19 (no noise) (counts = 2015)
counts
Homopolymer length
Number of repeat units
Microhomology length

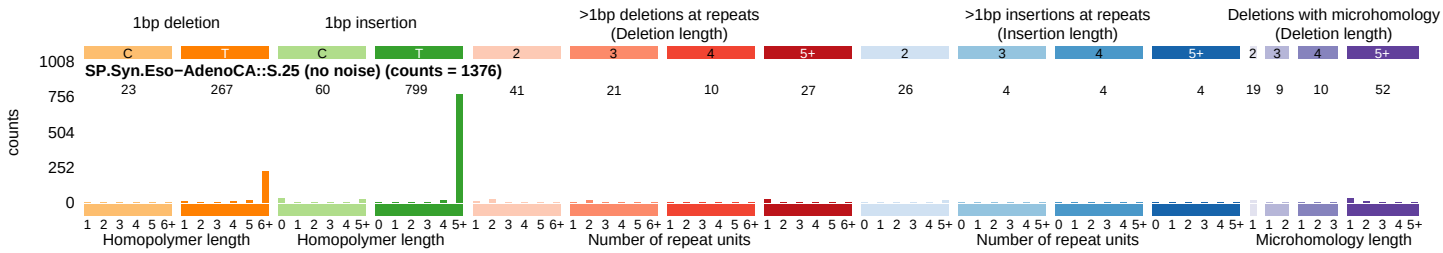

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.20 (no noise) (counts = 1444)
counts
Homopolymer length
Number of repeat units
Microhomology length

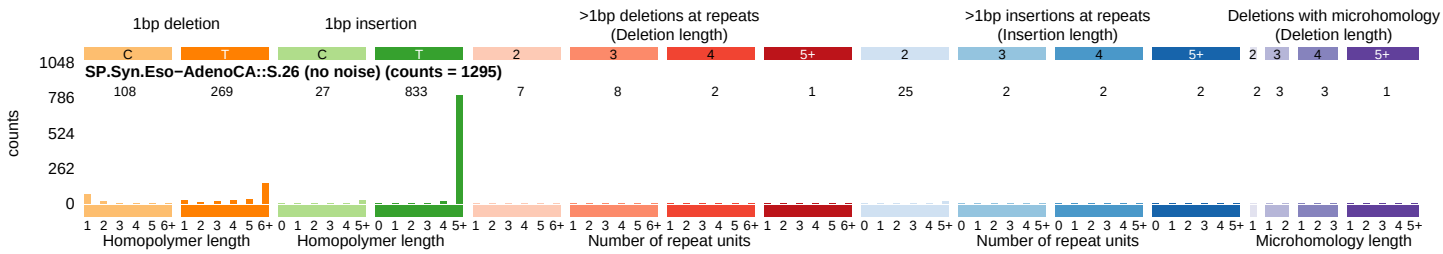

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.21 (no noise) (counts = 1126)
counts
Homopolymer length
Number of repeat units
Microhomology length

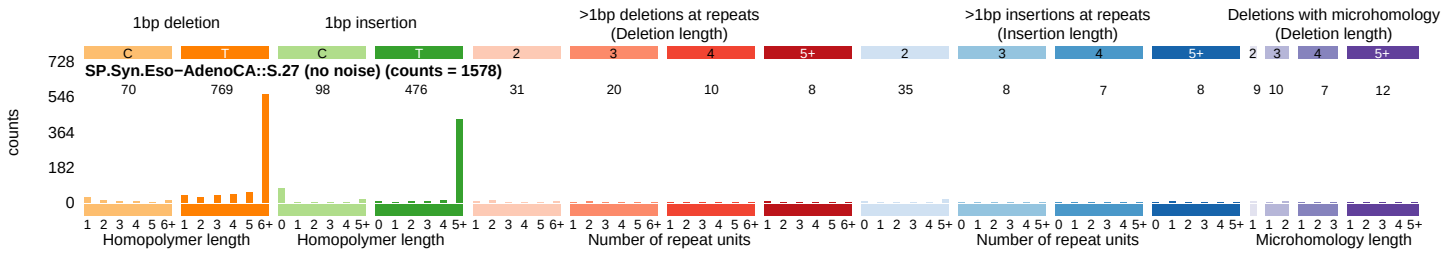

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.22 (no noise) (counts = 279)
counts
Homopolymer length
Number of repeat units
Microhomology length

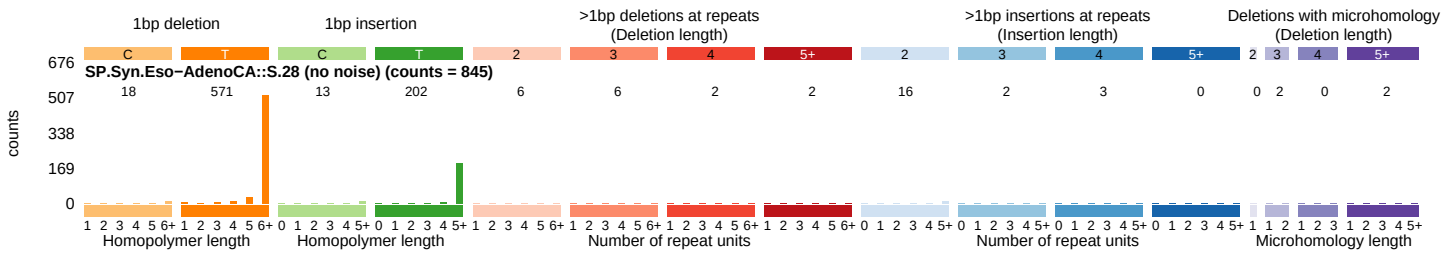

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.23 (no noise) (counts = 679)
counts
Homopolymer length
Number of repeat units
Microhomology length

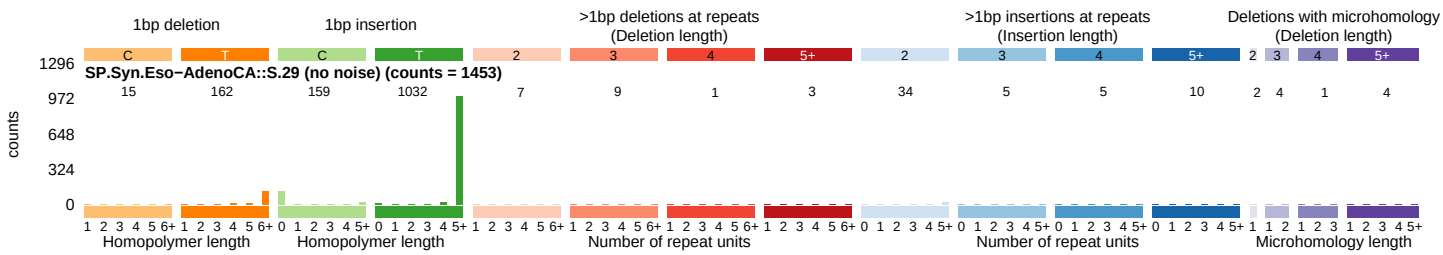

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.24 (no noise) (counts = 2293)
counts
Homopolymer length
Number of repeat units
Microhomology length

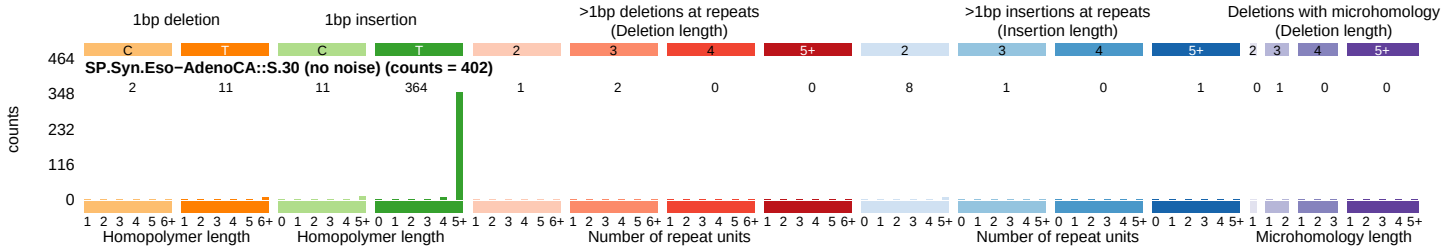

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.25 (no noise) (counts = 1376)
counts
Homopolymer length
Number of repeat units
Microhomology length

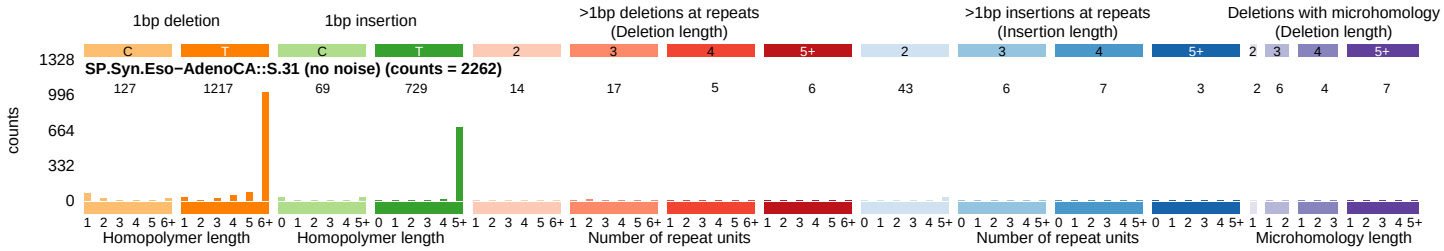

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.26 (no noise) (counts = 1295)
counts
Homopolymer length
Number of repeat units
Microhomology length

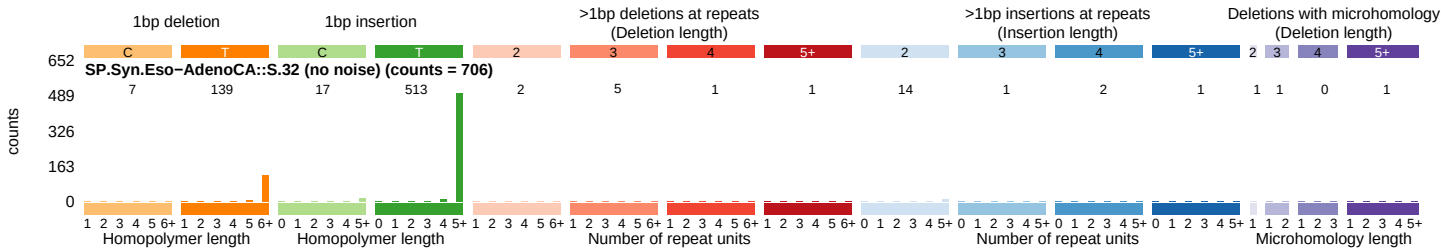

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.27 (no noise) (counts = 1578)
counts
Homopolymer length
Number of repeat units
Microhomology length

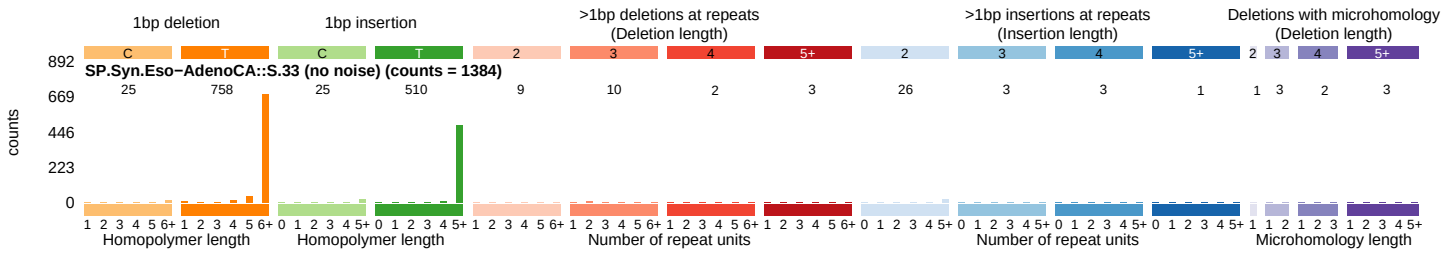

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.28 (no noise) (counts = 845)
counts
Homopolymer length
Number of repeat units
Microhomology length

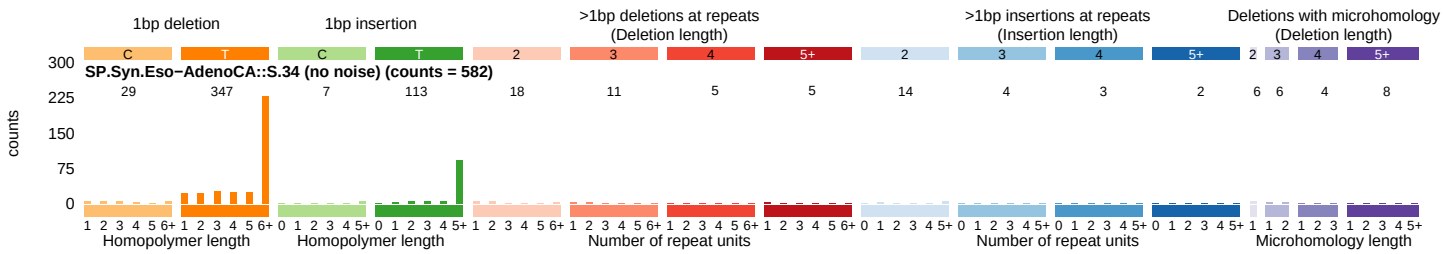

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.29 (no noise) (counts = 1453)
counts
Homopolymer length
Number of repeat units
Microhomology length

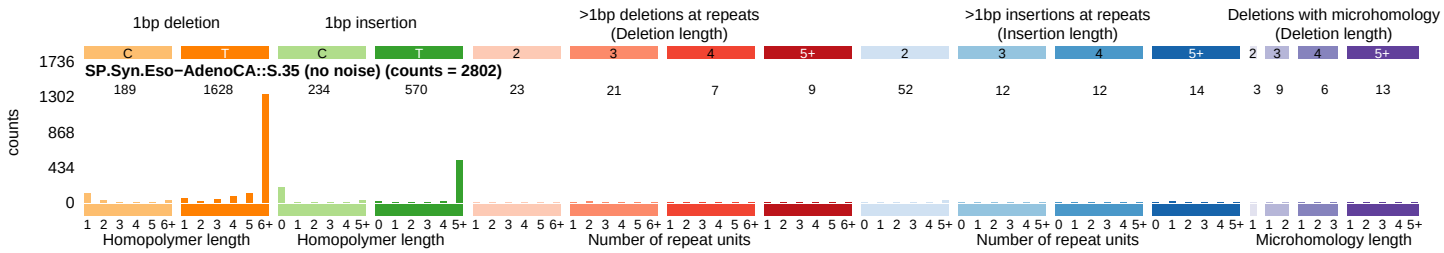

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.30 (no noise) (counts = 402)
counts
Homopolymer length
Number of repeat units
Microhomology length

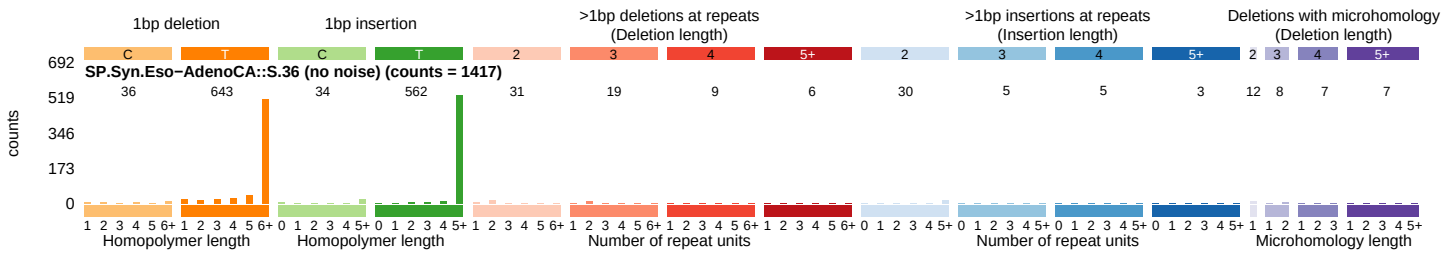

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.31 (no noise) (counts = 2262)
counts
Homopolymer length
Number of repeat units
Microhomology length

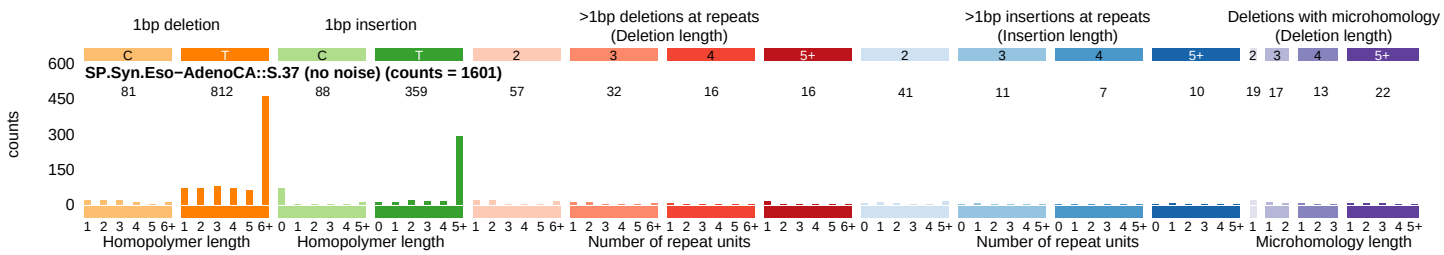

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.32 (no noise) (counts = 706)
counts
Homopolymer length
Number of repeat units
Microhomology length

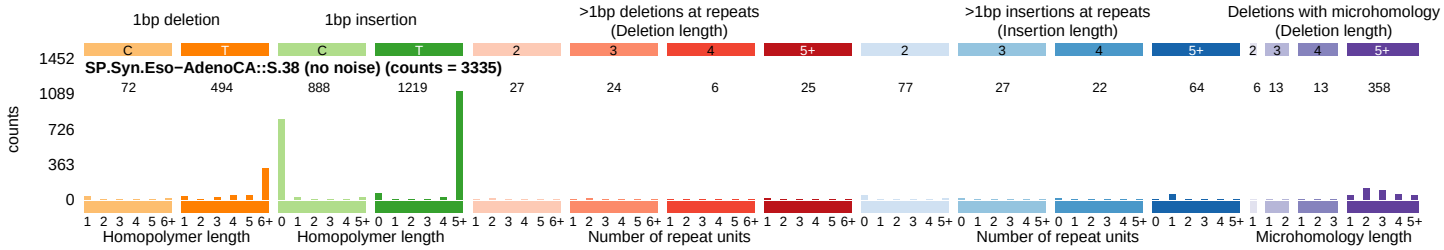

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.33 (no noise) (counts = 1384)
counts
Homopolymer length
Number of repeat units
Microhomology length

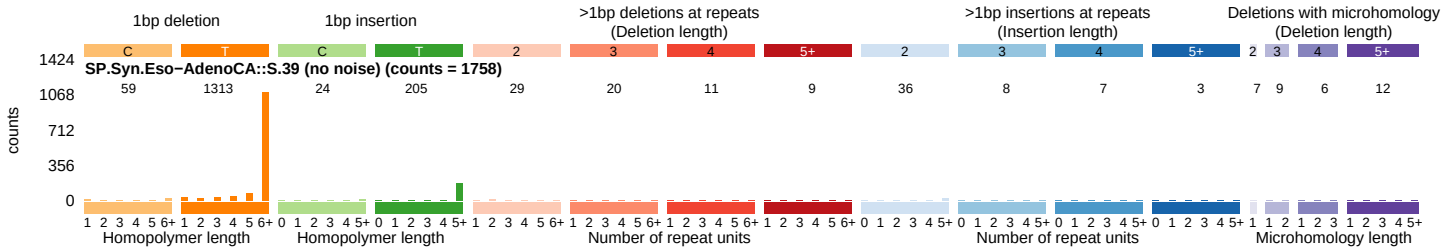

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.34 (no noise) (counts = 582)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.35 (no noise) (counts = 2802)
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 1417)
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 1601)
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 3335)
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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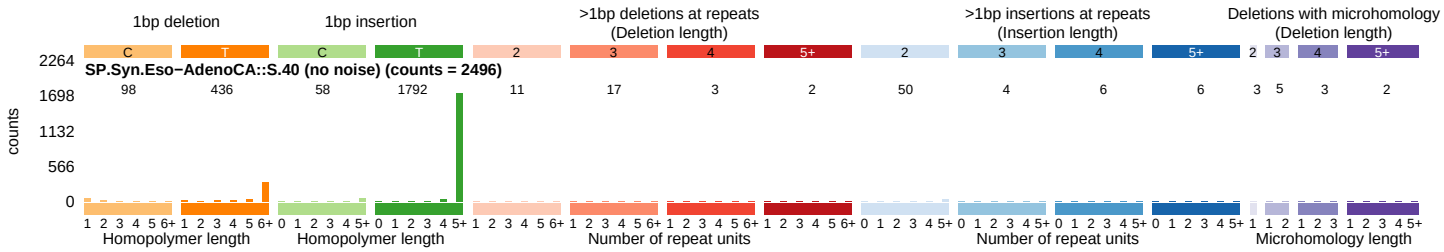
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.39 (no noise) (counts = 1758)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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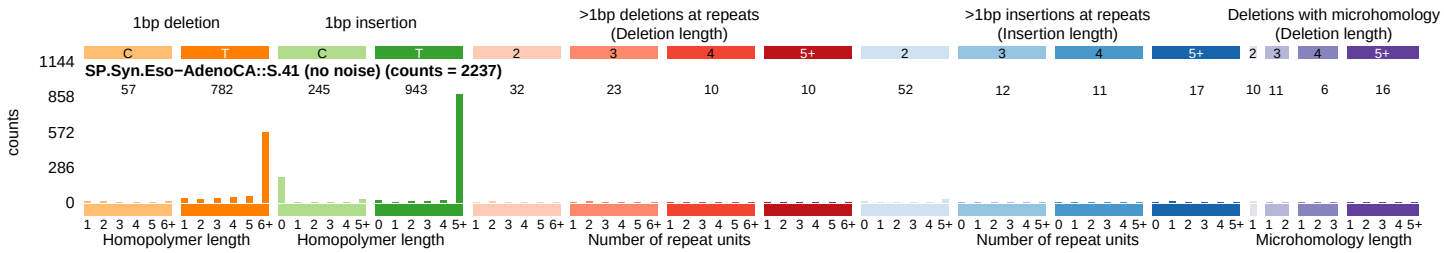
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.40 (no noise) (counts = 2496)
counts
Homopolymer length
Number of repeat units
Microhomology length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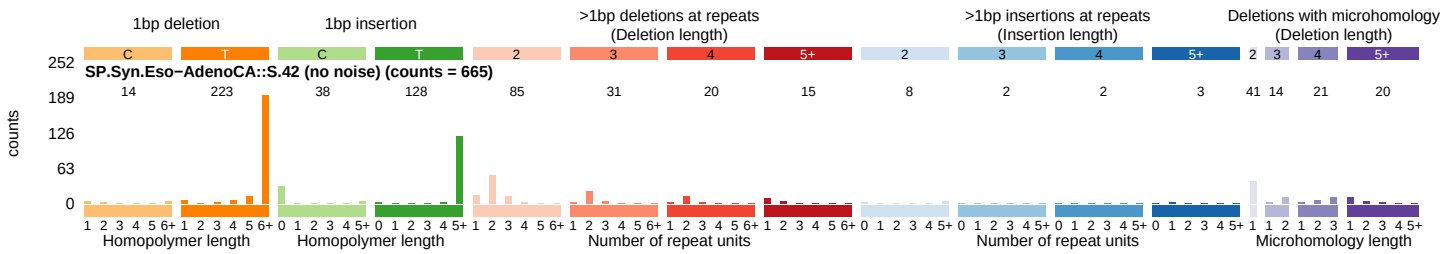
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.41 (no noise) (counts = 2237)
counts
Homopolymer length
Number of repeat units
Microhomology length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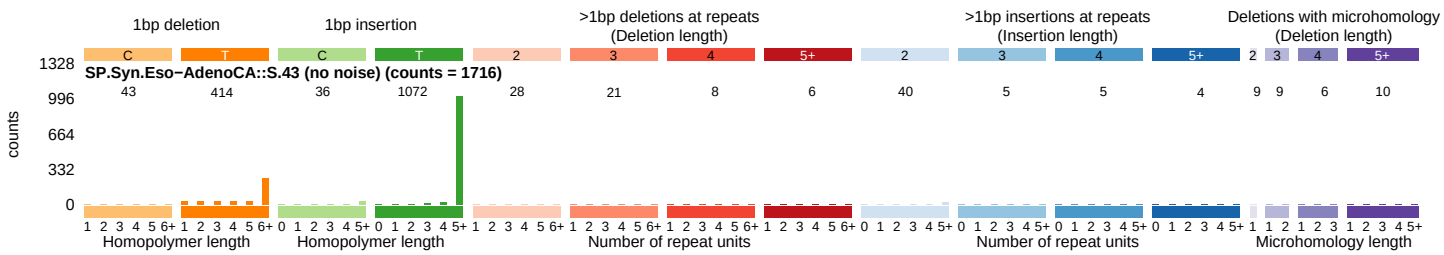
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.42 (no noise) (counts = 665)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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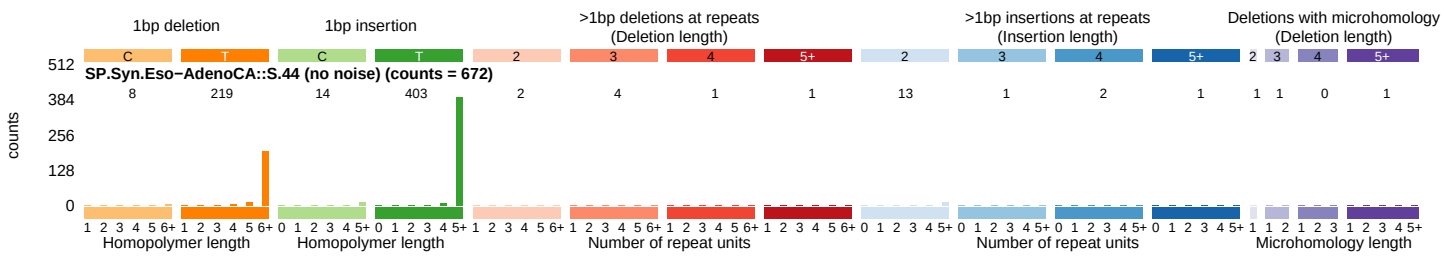
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.43 (no noise) (counts = 1716)
counts
Homopolymer length
Number of repeat units
Microhomology length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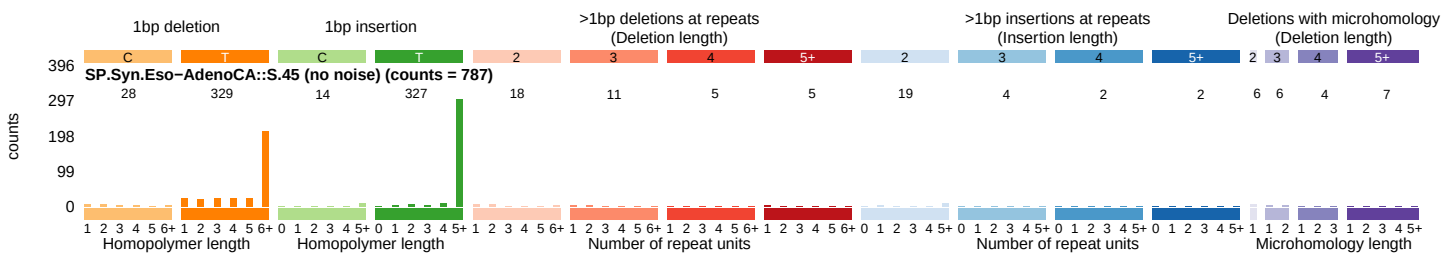
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.44 (no noise) (counts = 672)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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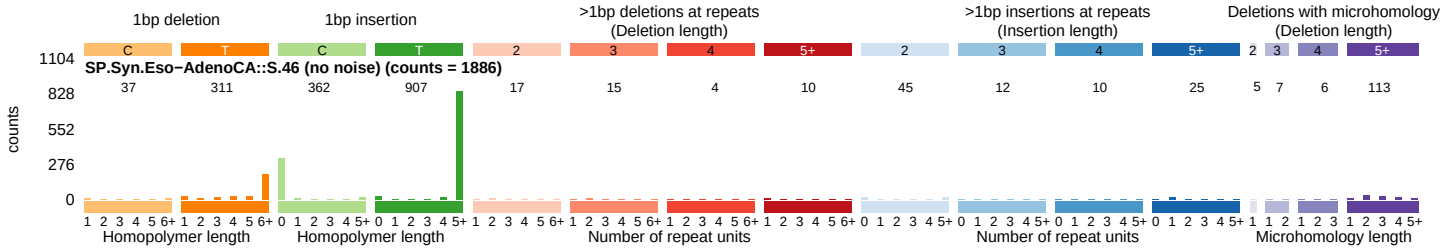
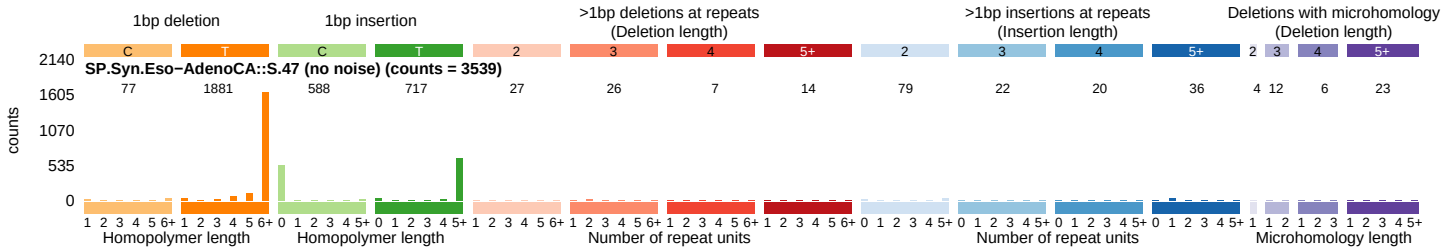
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.45 (no noise) (counts = 787)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 = 1886)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
37 311 362 907 17 15 4 10 45 12 10 25 5 7 6 113
counts
1104 828 552 276 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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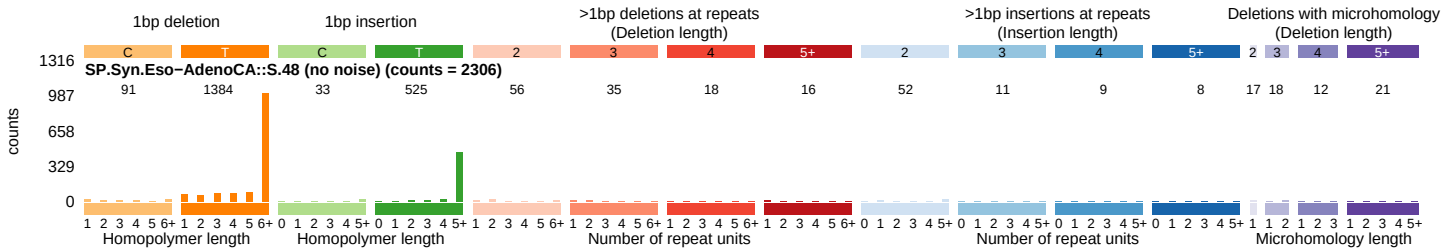
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.47 (no noise) (counts = 3539)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
77 1881 588 717 27 26 7 14 79 22 20 36 4 12 6 23
counts
2140 1605 1070 535 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 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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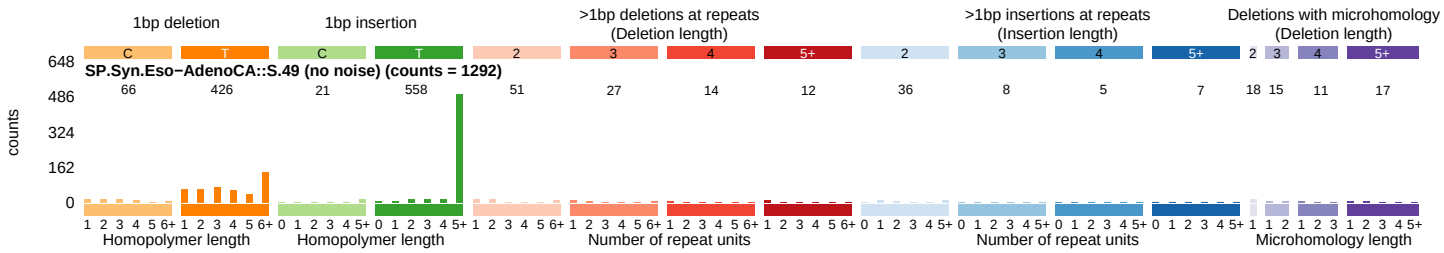
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.48 (no noise) (counts = 2306)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
91 1384 33 525 56 35 18 16 52 11 9 8 17 18 12 21
counts
1316 987 658 329 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 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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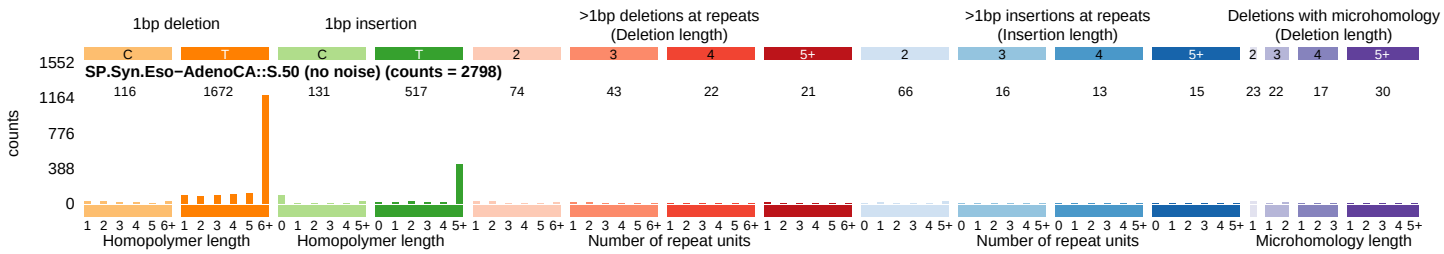
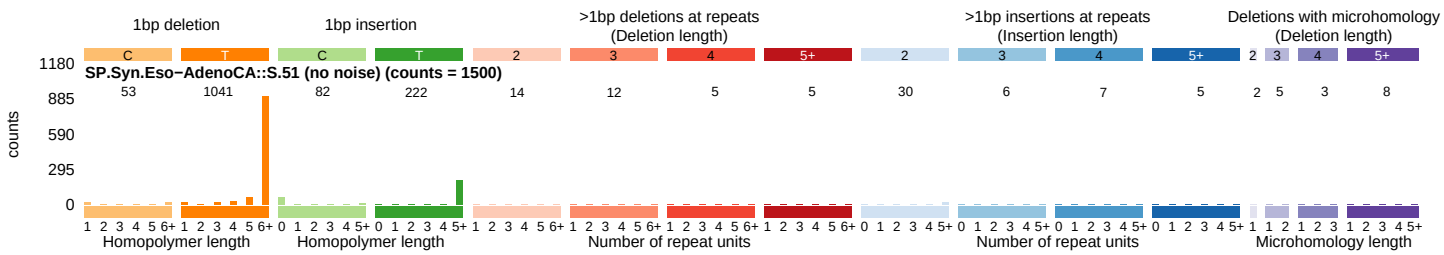
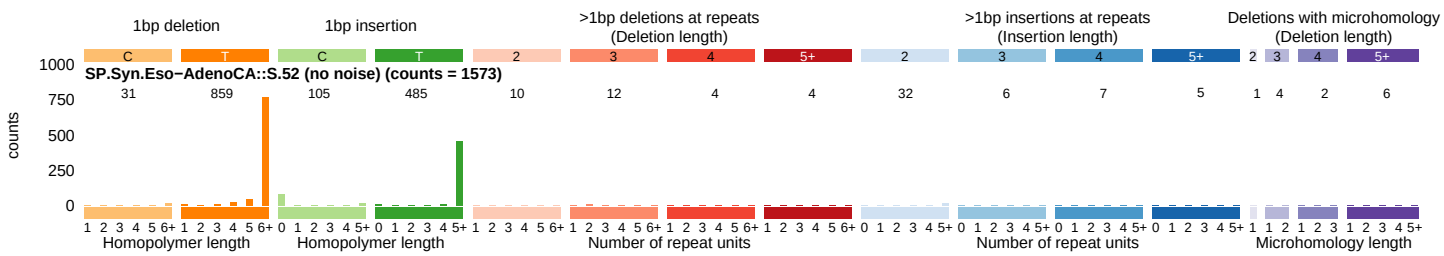
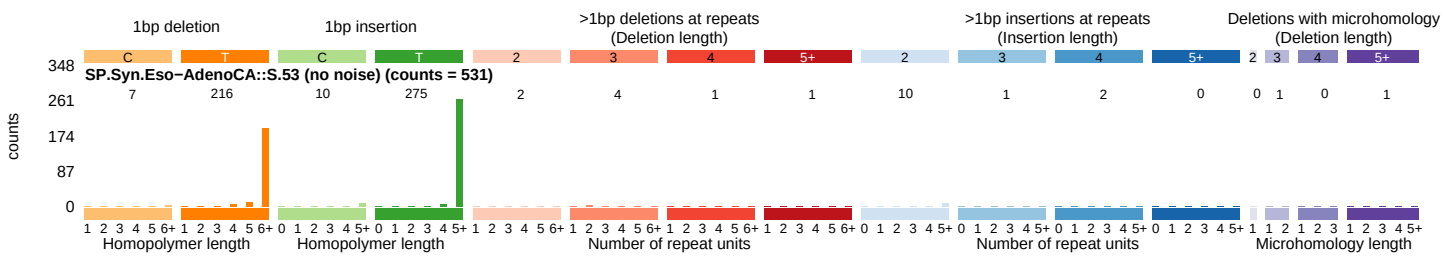
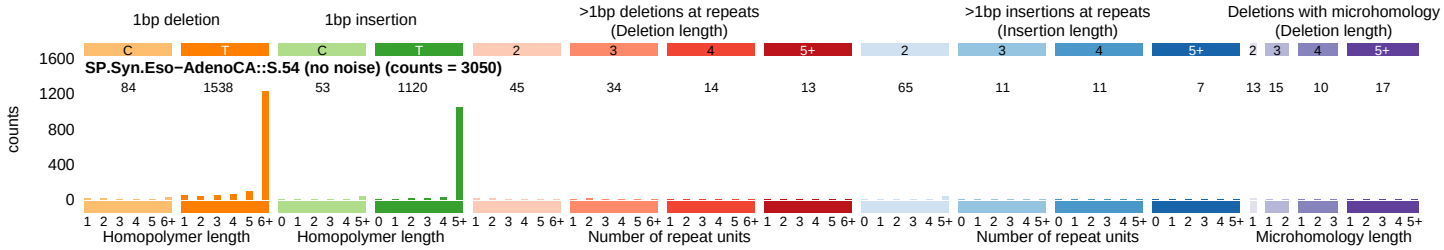
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.49 (no noise) (counts = 1292)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
66 426 21 558 51 27 14 12 36 8 5 7 18 15 11 17
counts
648 486 324 162 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 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

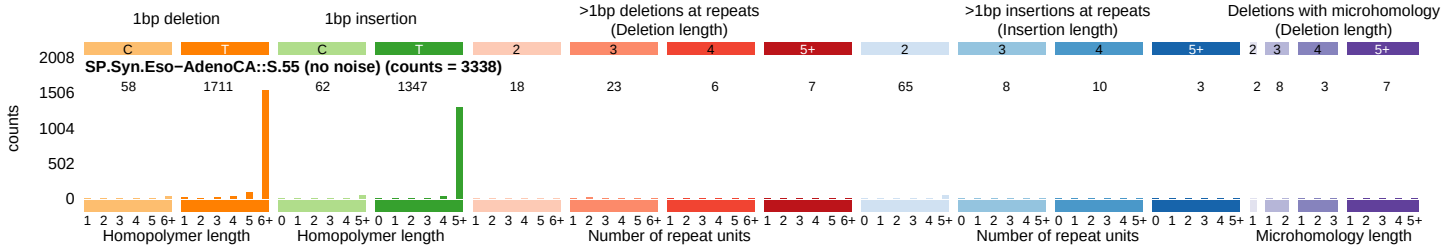

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.50 (no noise) (counts = 2798)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
116 1672 131 517 74 43 22 21 66 16 13 15 23 22 17 30
counts
1552 1164 776 388 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.Eso−AdenoCA::S.51 (no noise) (counts = 1500)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
53 1041 82 222 14 12 5 5 30 6 7 5 2 5 3 8
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


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 = 1573)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
31 859 105 485 10 12 4 4 32 6 7 5 1 4 2 6
counts
1000 750 500 250 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.Eso−AdenoCA::S.53 (no noise) (counts = 531)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
7 216 10 275 2 4 1 1 10 1 2 0 0 1 0 1
counts
348 261 174 87 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.Eso−AdenoCA::S.54 (no noise) (counts = 3050)
counts
Homopolymer length
Number of repeat units
Microhomology length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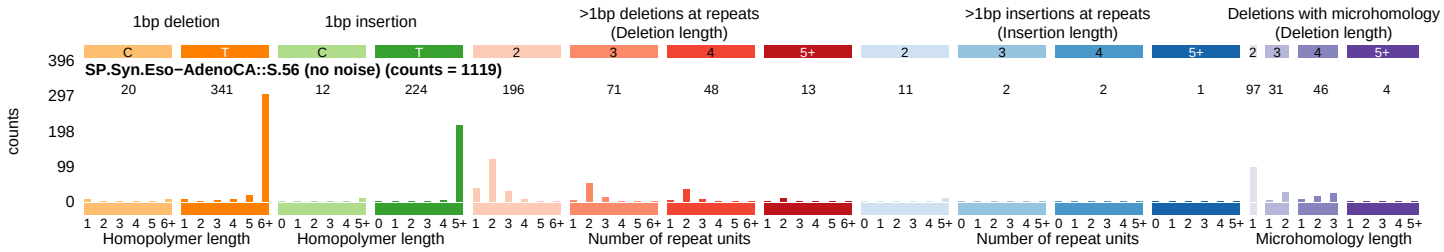
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.55 (no noise) (counts = 3338)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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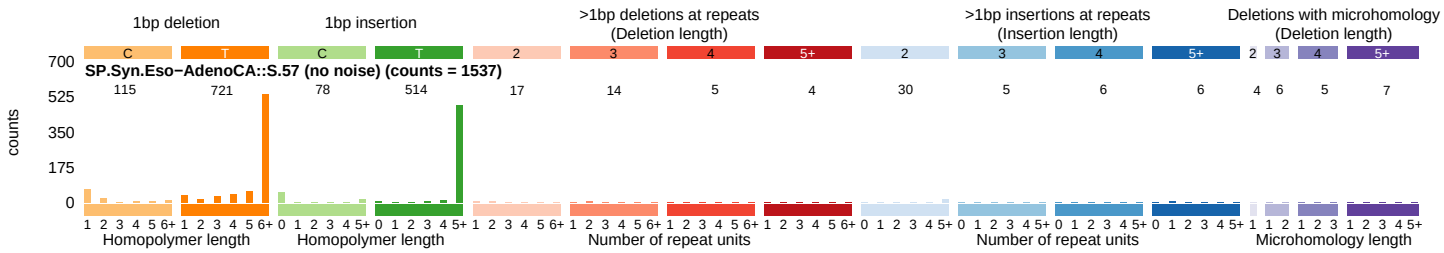
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.56 (no noise) (counts = 1119)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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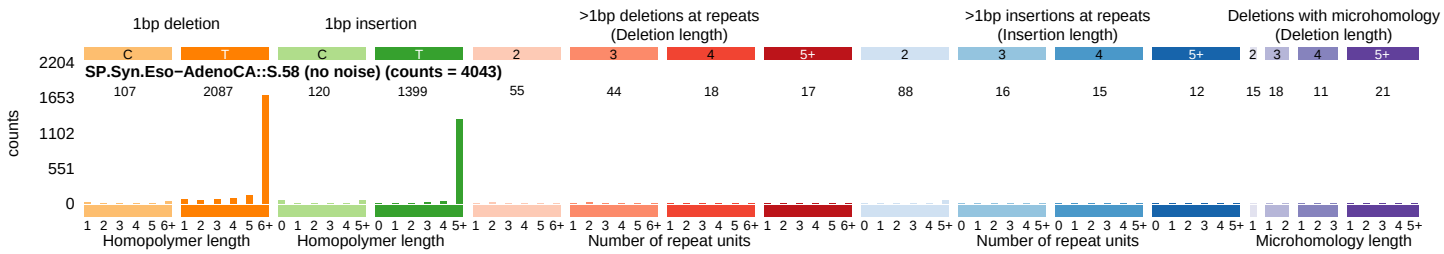
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.57 (no noise) (counts = 1537)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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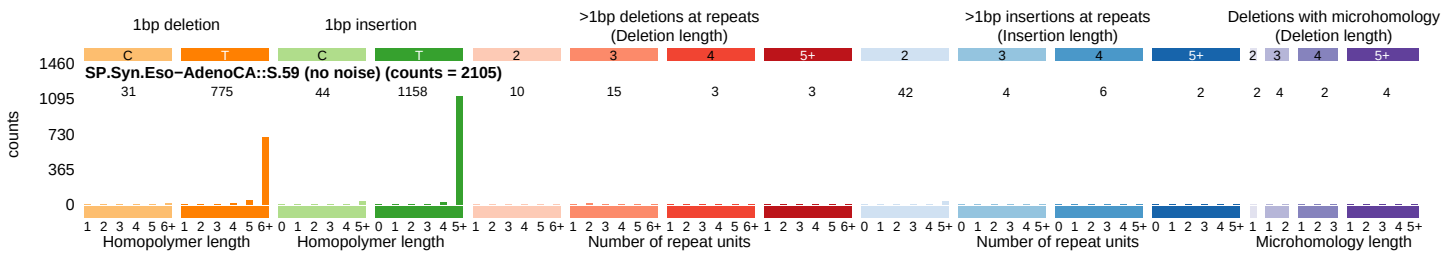
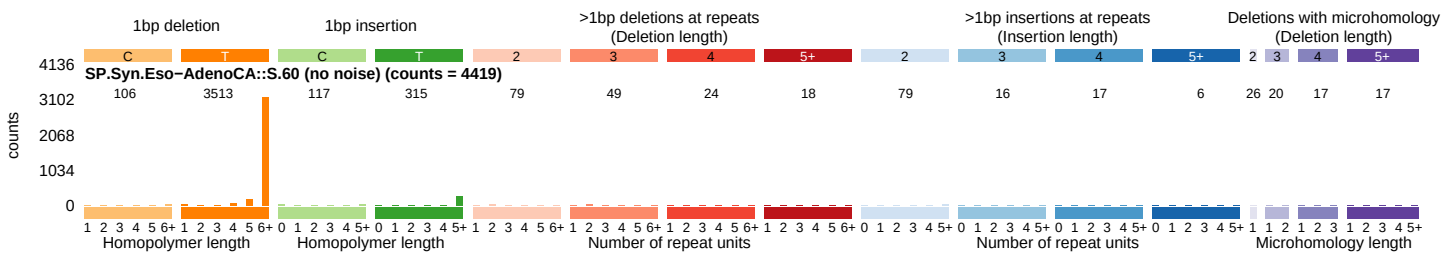
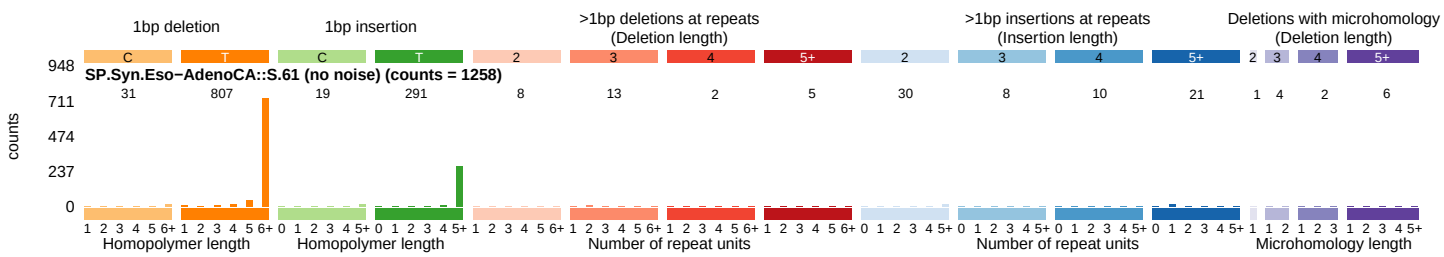
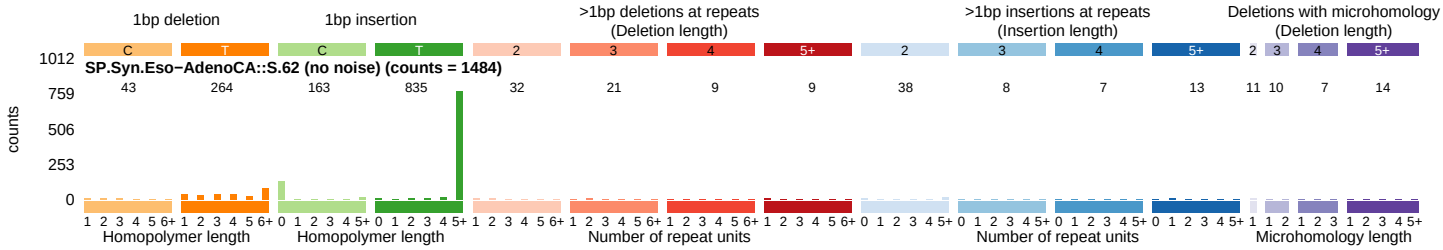
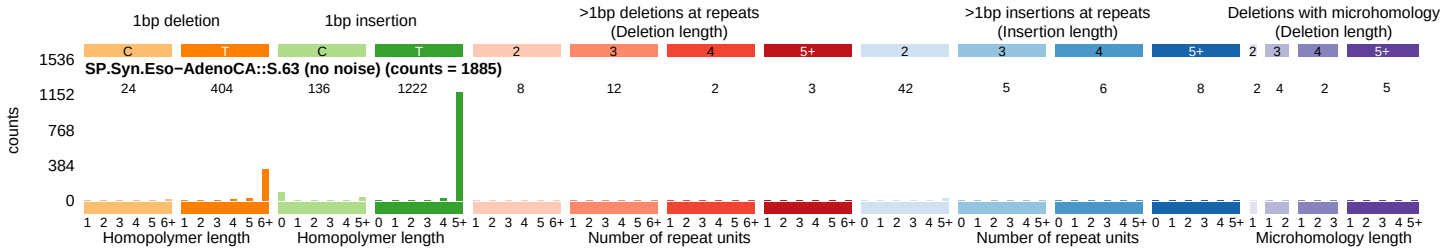
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.58 (no noise) (counts = 4043)
counts
Homopolymer length
Number of repeat units
Microhomology length

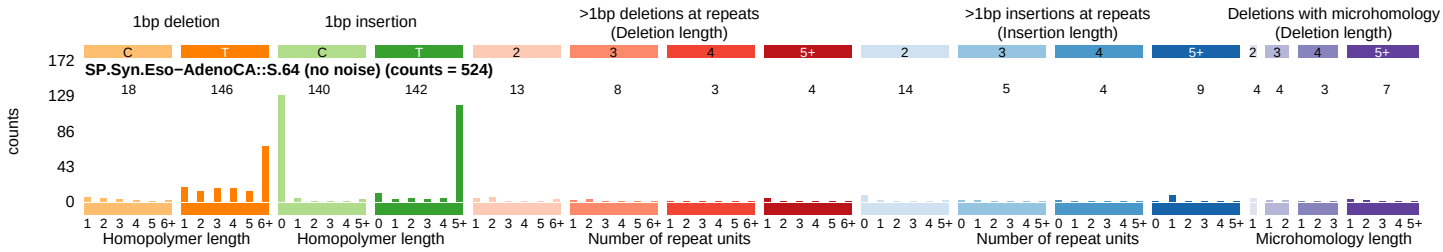

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.59 (no noise) (counts = 2105)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.60 (no noise) (counts = 4419)
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 1258)
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 1484)
43 264 163 835 32 21 9 9 38 8 7 13 11 10 7 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.Eso−AdenoCA::S.63 (no noise) (counts = 1885)
24 404 136 1222 8 12 2 3 42 5 6 8 2 4 2 5
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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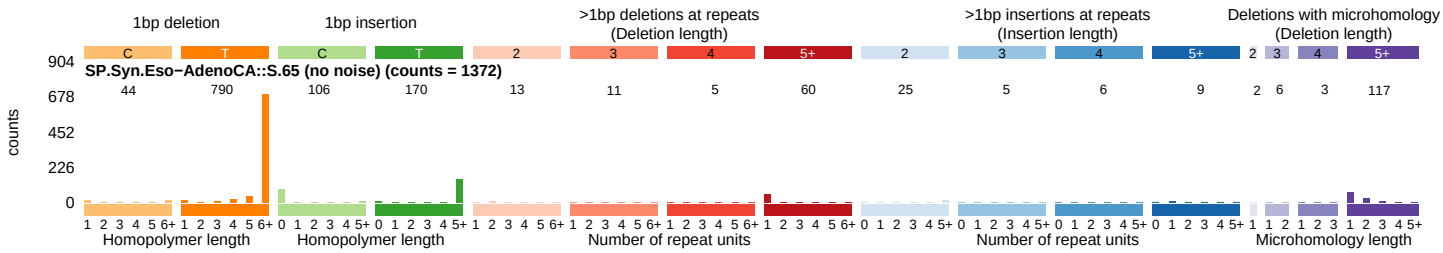
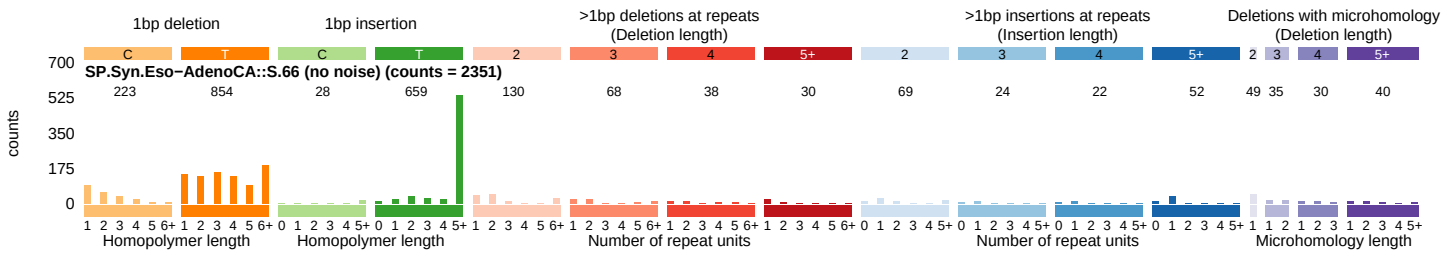
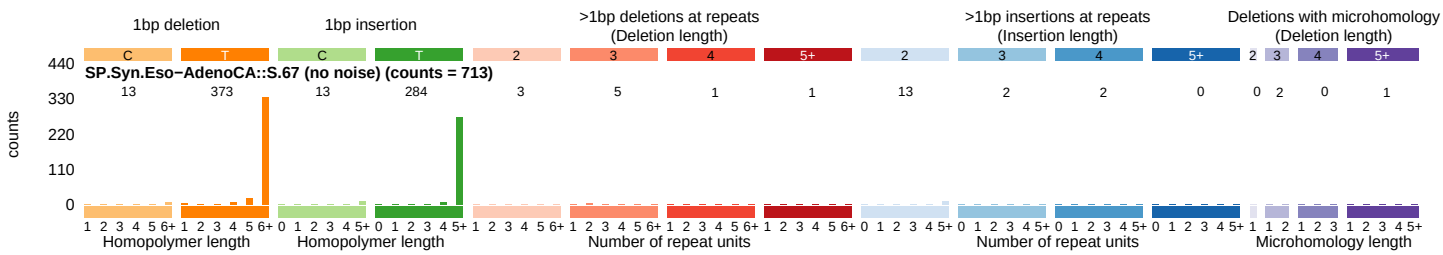
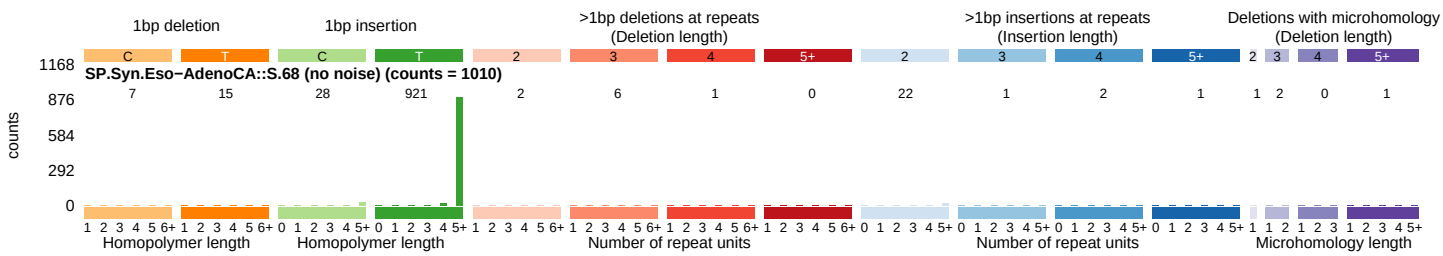
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.64 (no noise) (counts = 524)
18 146 140 142 13 8 3 4 14 5 4 9 4 4 3 7
counts
Homopolymer length
Number of repeat units
Microhomology length


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.65 (no noise) (counts = 1372)
44 790 106 170 13 11 5 60 25 5 6 9 2 6 3 117
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 2351)
223 854 28 659 130 68 38 30 69 24 22 52 49 35 30 40
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 713)
13 373 13 284 3 5 1 1 13 2 2 0 0 2 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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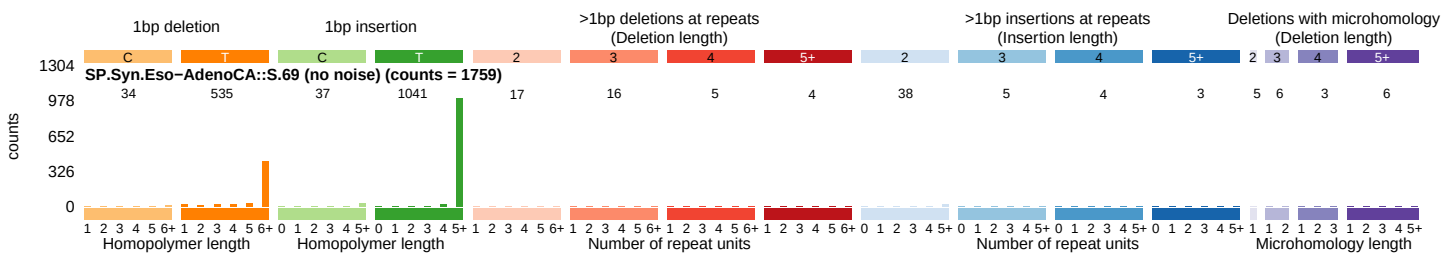
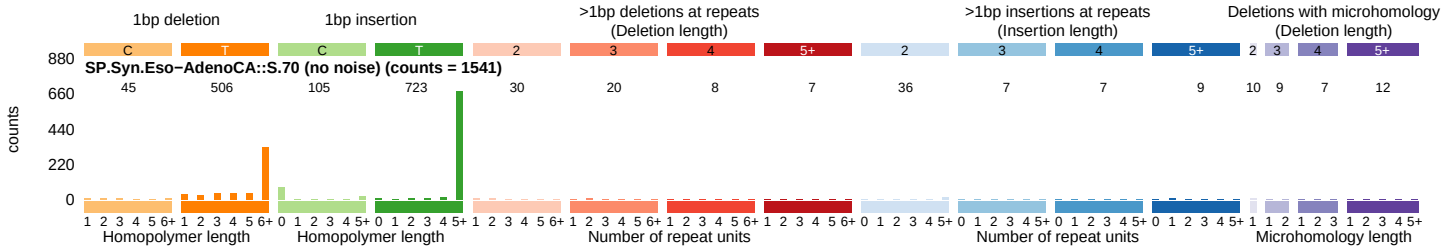
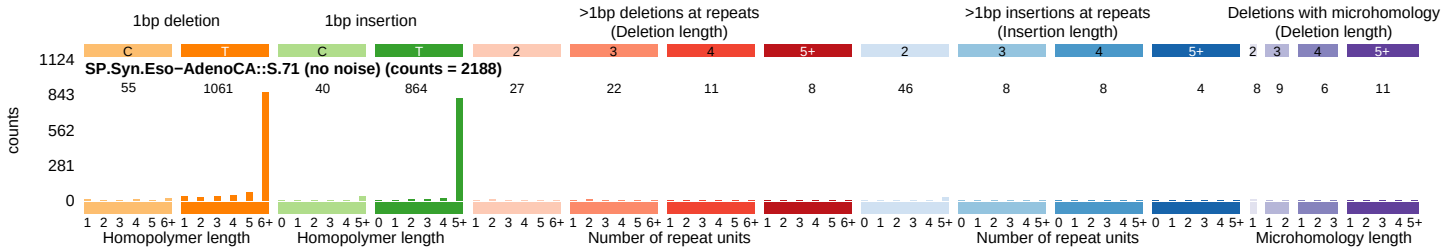
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.68 (no noise) (counts = 1010)
7 15 28 921 2 6 1 0 22 1 2 1 1 2 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length


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.69 (no noise) (counts = 1759)
34 535 37 1041 17 16 5 4 38 5 4 3 5 6 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.Eso−AdenoCA::S.70 (no noise) (counts = 1541)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
45 506 105 723 30 20 8 7 36 7 7 9 10 9 7 12
counts
880 660 440 220 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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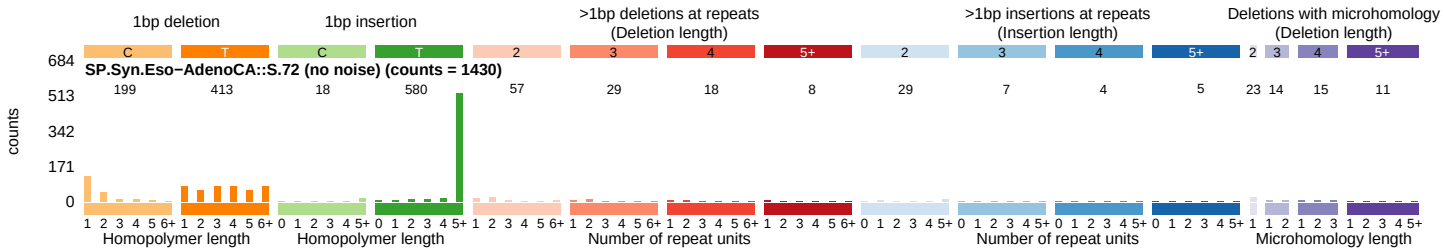
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.71 (no noise) (counts = 2188)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
55 1061 40 864 27 22 11 8 46 8 8 4 8 9 6 11
counts
1124 843 562 281 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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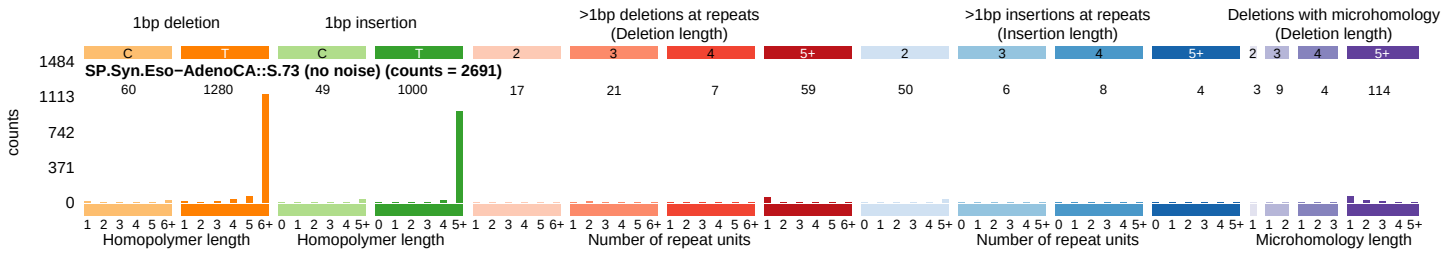
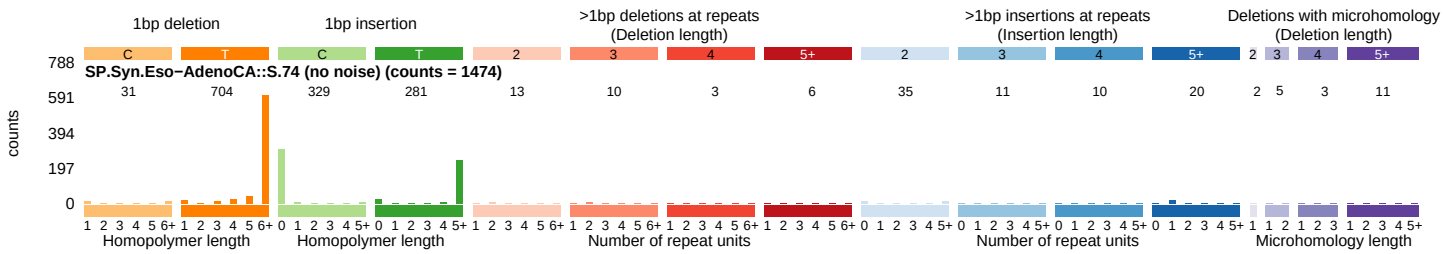
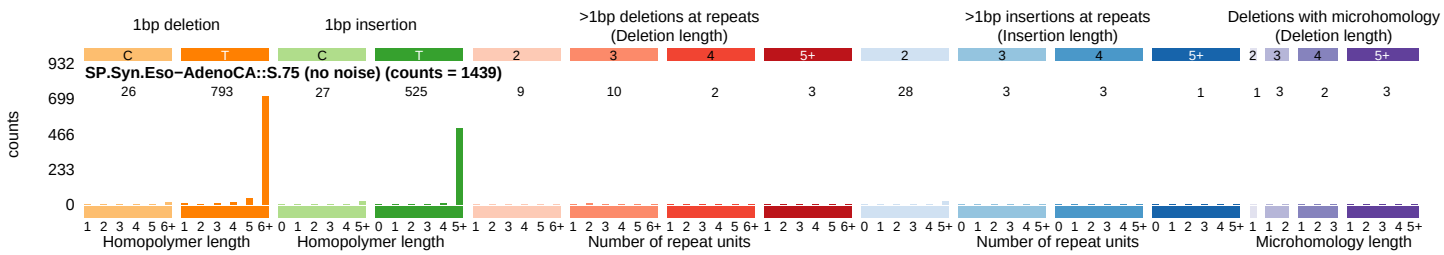
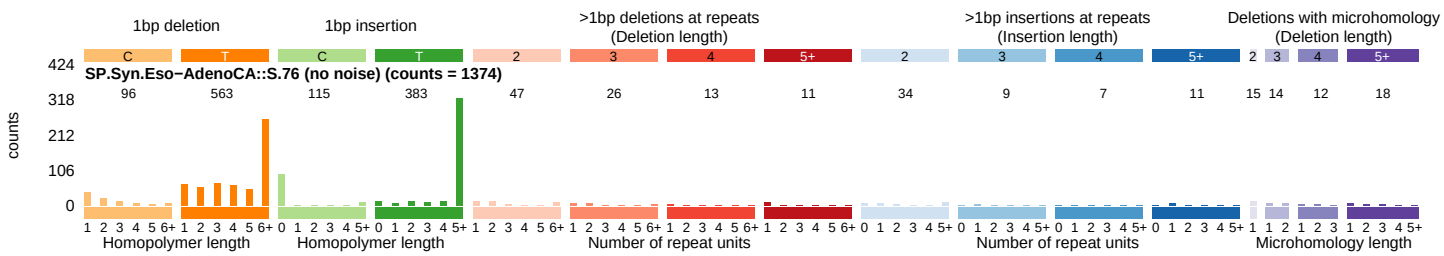
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.72 (no noise) (counts = 1430)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
199 413 18 580 57 29 18 8 29 7 4 5 23 14 15 11
counts
684 513 342 171 0
Homopolymer length
Homopolymer length
Number of repeat 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 = 2691)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
60 1280 49 1000 17 21 7 59 50 6 8 4 3 9 4 114
counts
1484 1113 742 371 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 = 1474)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
31 704 329 281 13 10 3 6 35 11 10 20 2 5 3 11
counts
788 591 394 197 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 = 1439)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
26 793 27 525 9 10 2 3 28 3 3 1 1 3 2 3
counts
932 699 466 233 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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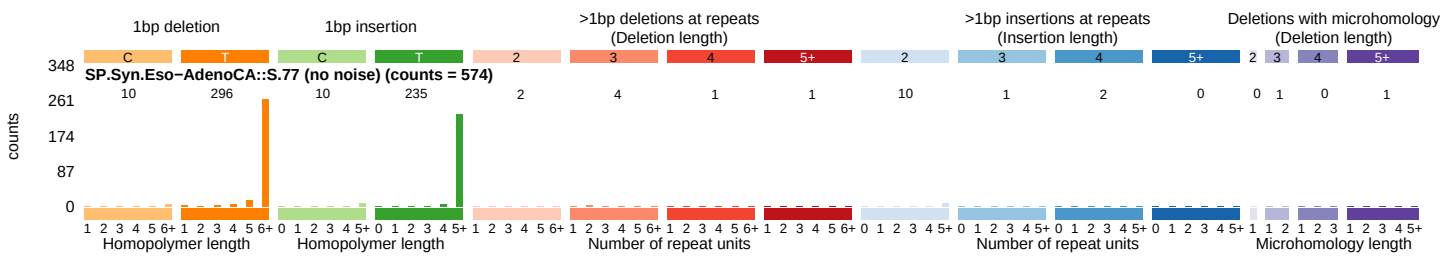
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.76 (no noise) (counts = 1374)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
96 563 115 383 47 26 13 11 34 9 7 11 15 14 12 18
counts
424 318 212 106 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
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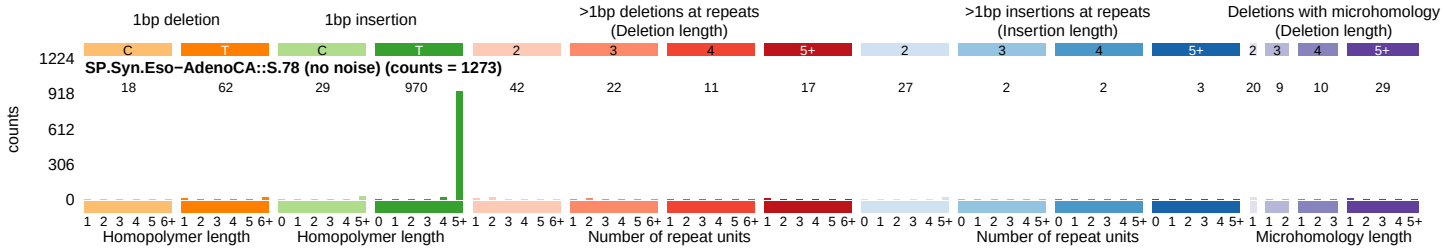
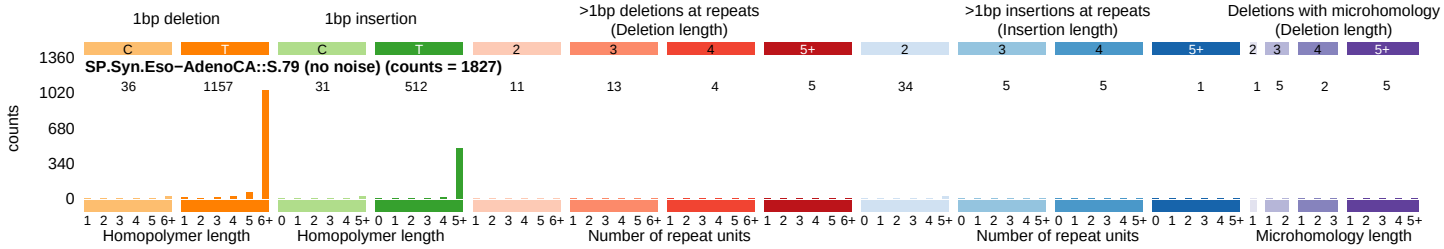
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.77 (no noise) (counts = 574)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
10 296 10 235 2 4 1 1 10 1 2 0 0 1 0 1
counts
348 261 174 87 0
Homopolymer length
Homopolymer length
Number of repeat units
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 = 1273)
counts
Homopolymer length
Number of repeat units
Microhomology length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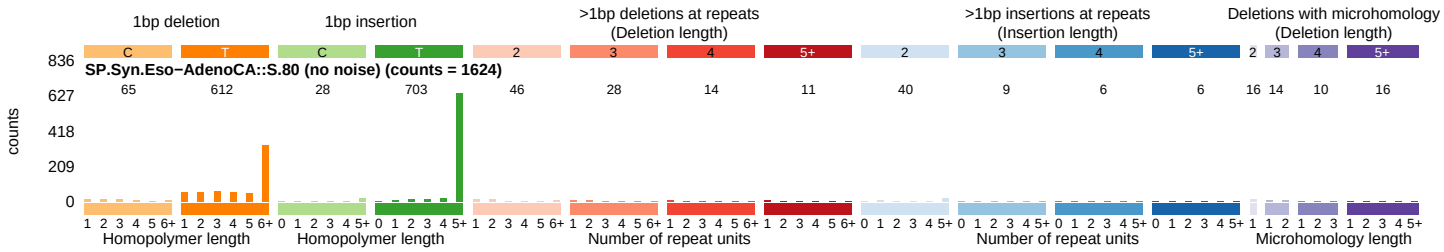
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.79 (no noise) (counts = 1827)
counts
Homopolymer length
Number of repeat units
Microhomology length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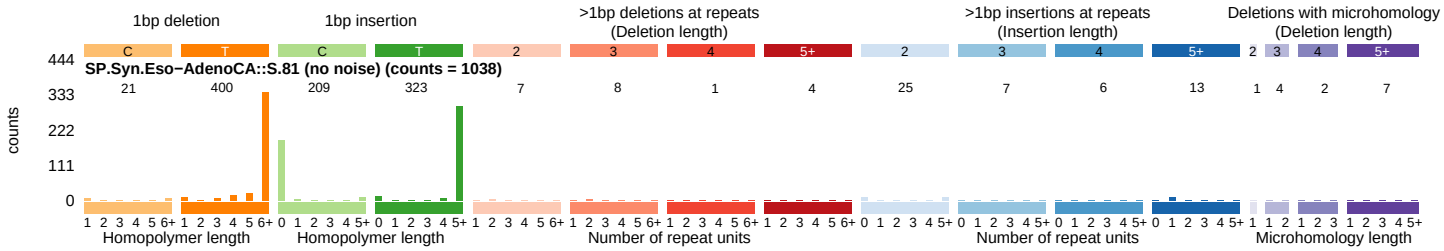
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.80 (no noise) (counts = 1624)
counts
Homopolymer length
Number of repeat units
Microhomology length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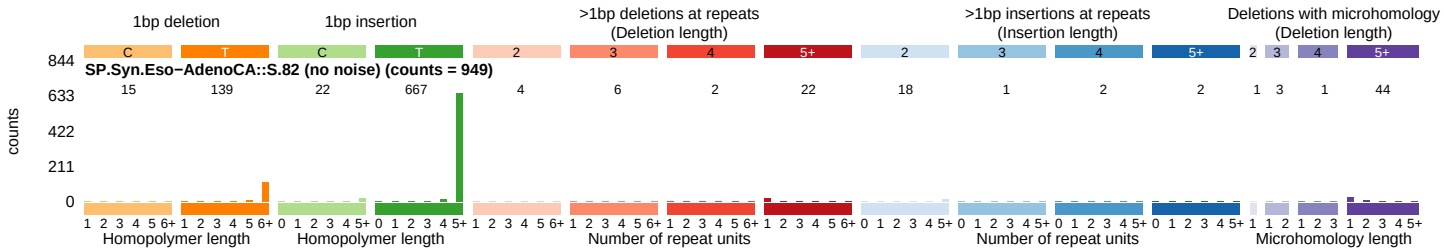
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.81 (no noise) (counts = 1038)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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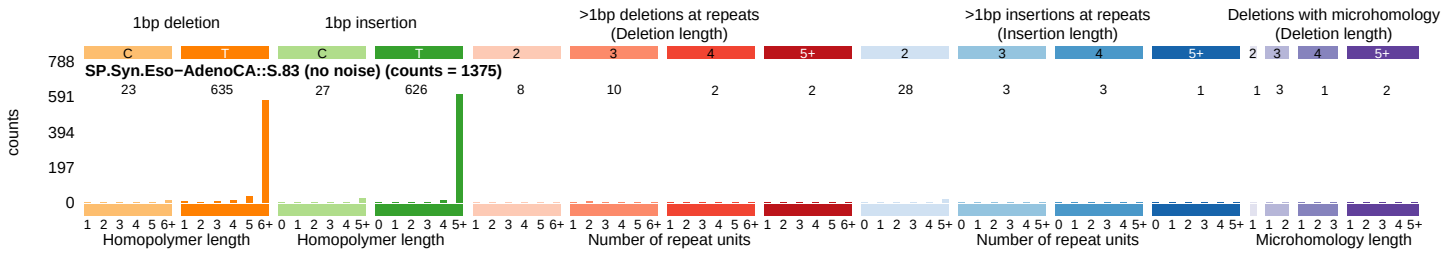
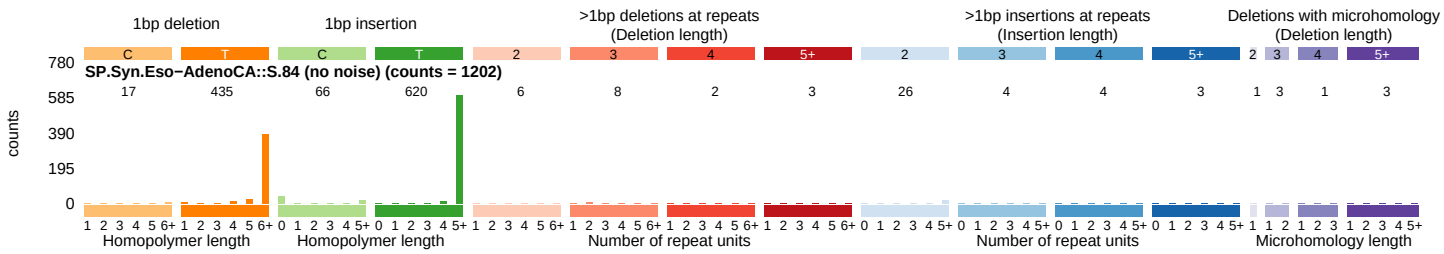
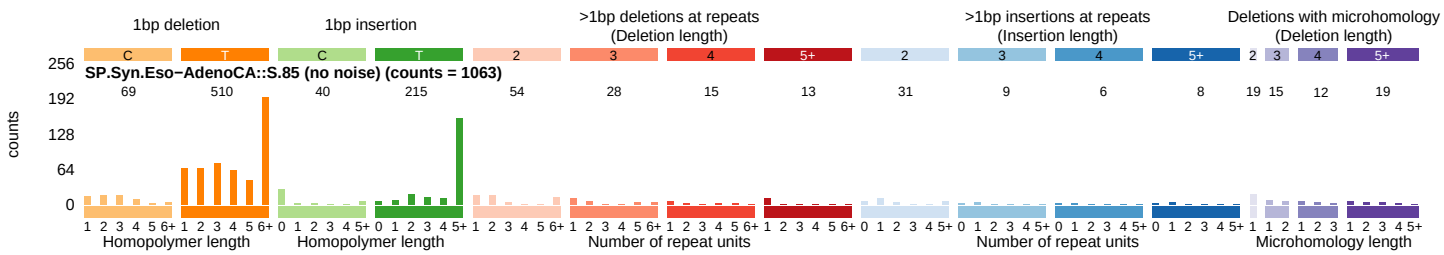
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.82 (no noise) (counts = 949)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.83 (no noise) (counts = 1375)
counts
Homopolymer length
Number of repeat units
Microhomology 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.84 (no noise) (counts = 1202)
counts
Homopolymer length
Number of repeat units
Microhomology length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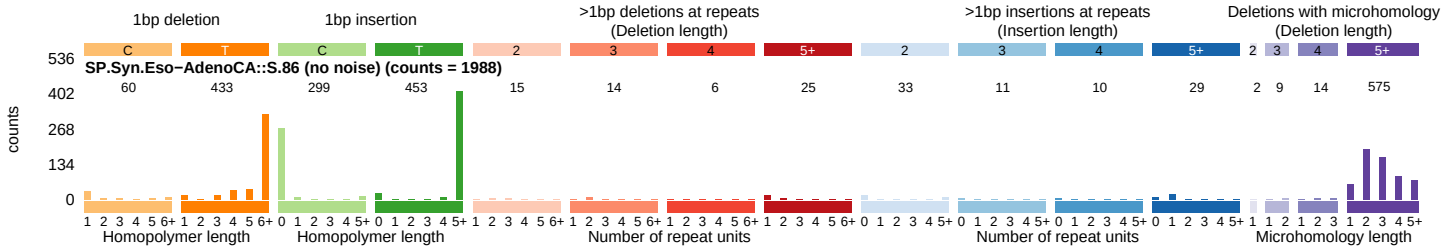
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.85 (no noise) (counts = 1063)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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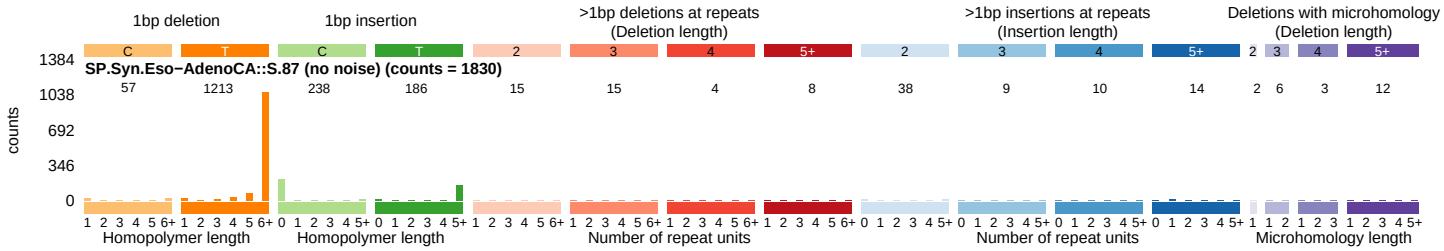
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.86 (no noise) (counts = 1988)
60 433 299 453 15 14 6 25 33 11 10 29 2 9 14 575
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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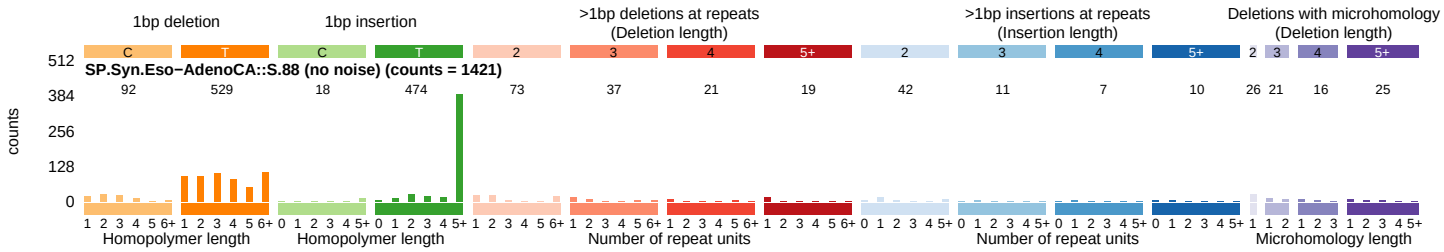
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.87 (no noise) (counts = 1830)
57 1213 238 186 15 15 4 8 38 9 10 14 2 6 3 12
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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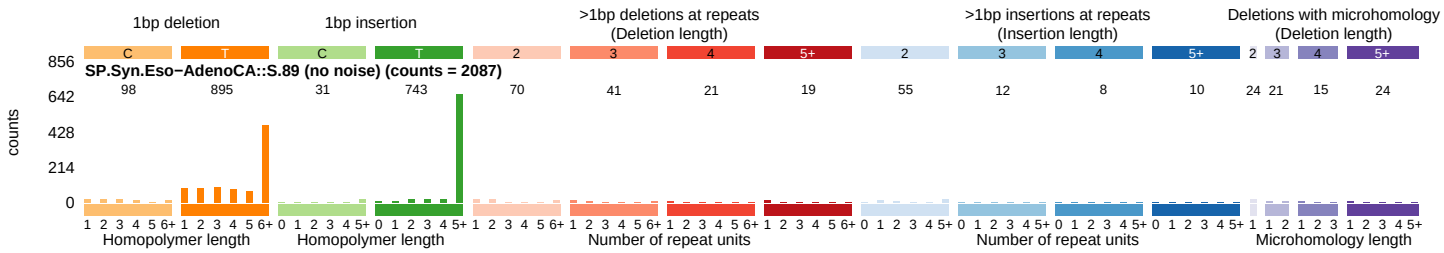
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.88 (no noise) (counts = 1421)
92 529 18 474 73 37 21 19 42 11 7 10 26 21 16 25
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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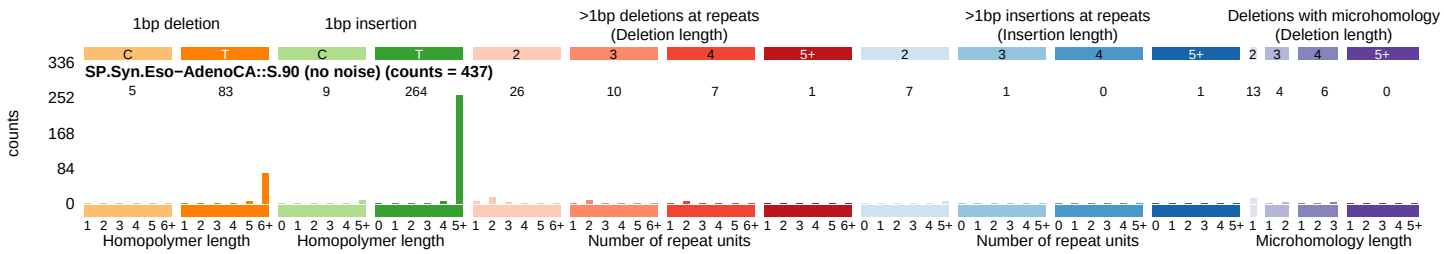
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.89 (no noise) (counts = 2087)
98 895 31 743 70 41 21 19 55 12 8 10 24 21 15 24
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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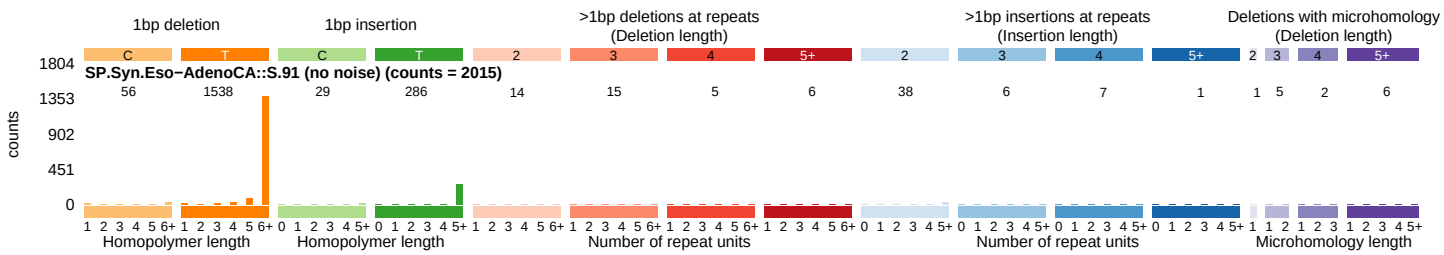
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.90 (no noise) (counts = 437)
5 83 9 264 26 10 7 1 7 1 0 1 13 4 6 0
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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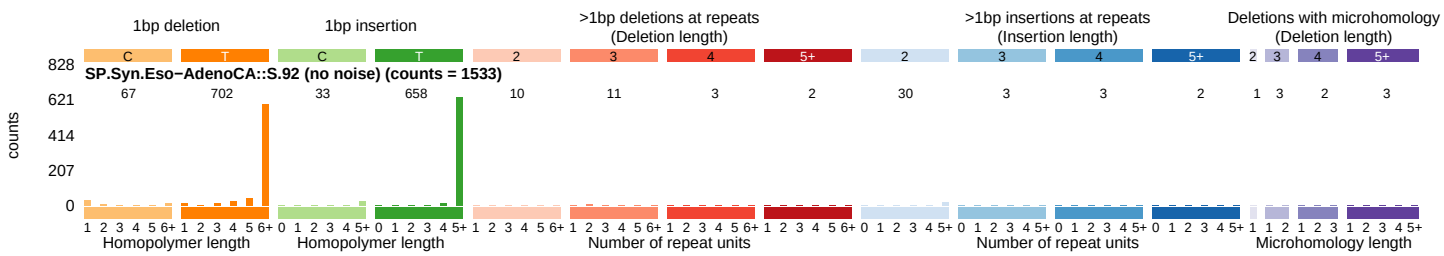
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.91 (no noise) (counts = 2015)
56 1538 29 286 14 15 5 6 38 6 7 1 1 5 2 6
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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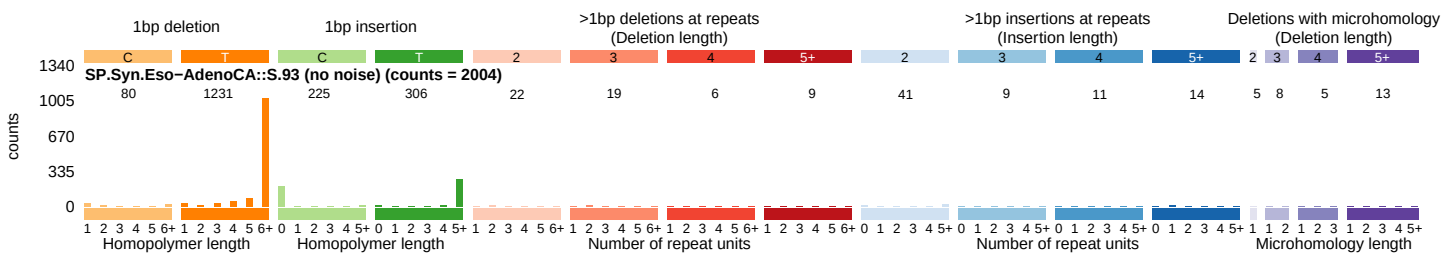
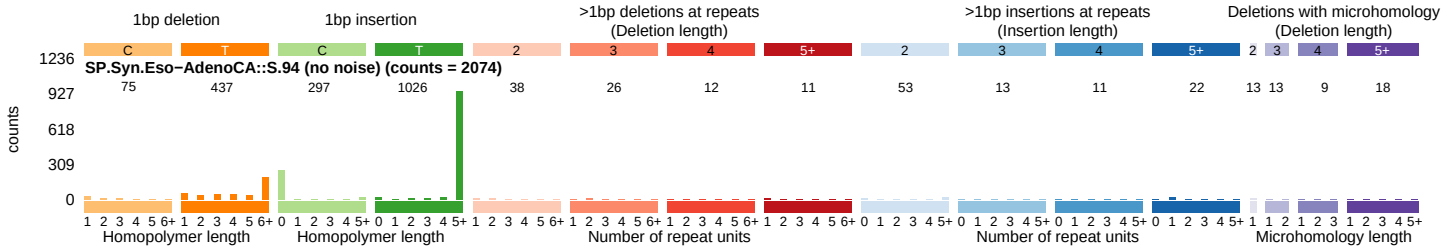
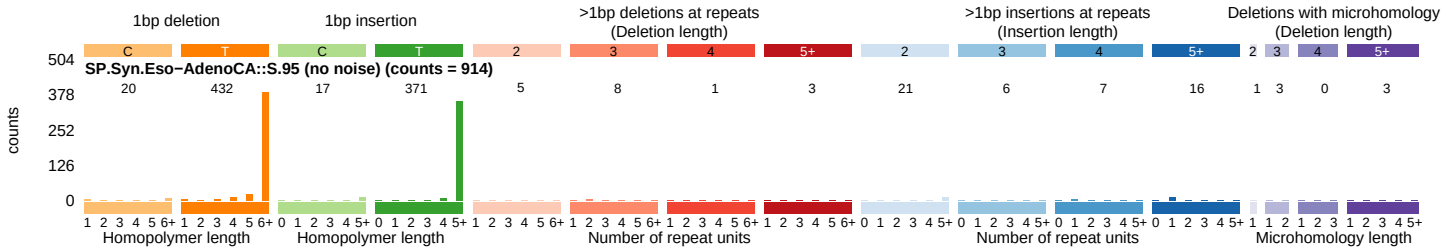
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.92 (no noise) (counts = 1533)
67 702 33 658 10 11 3 2 30 3 3 2 1 3 2 3
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.93 (no noise) (counts = 2004)
80 1231 225 306 22 19 6 9 41 9 11 14 5 8 5 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.94 (no noise) (counts = 2074)
75 437 297 1026 38 26 12 11 53 13 11 22 13 13 9 18
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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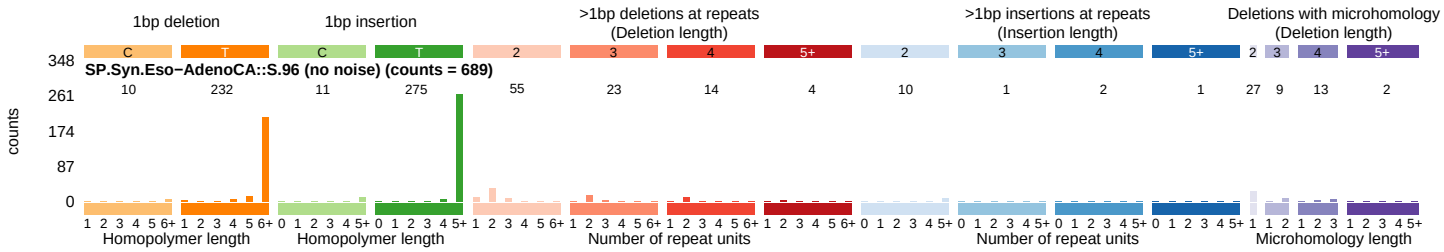
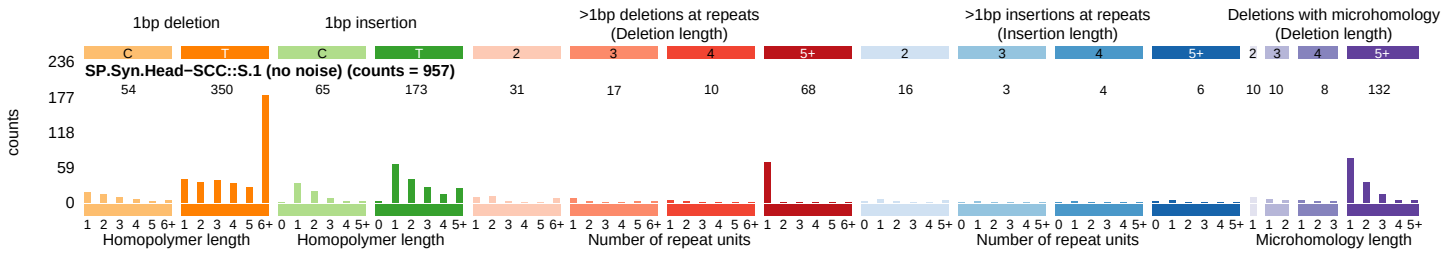
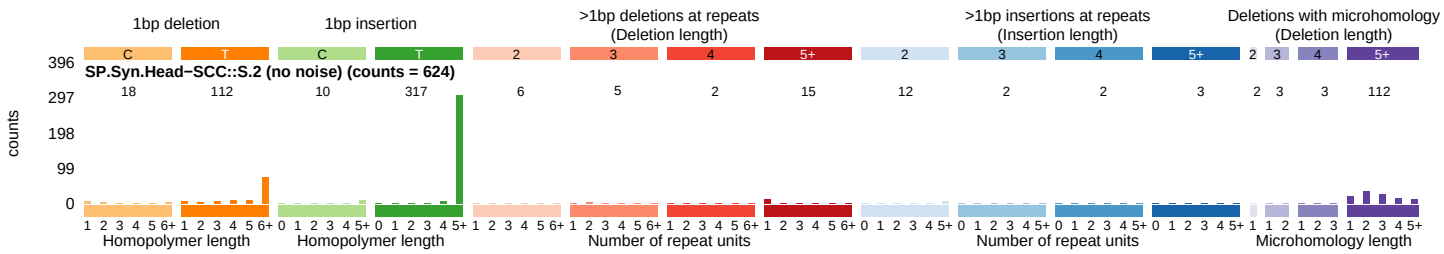
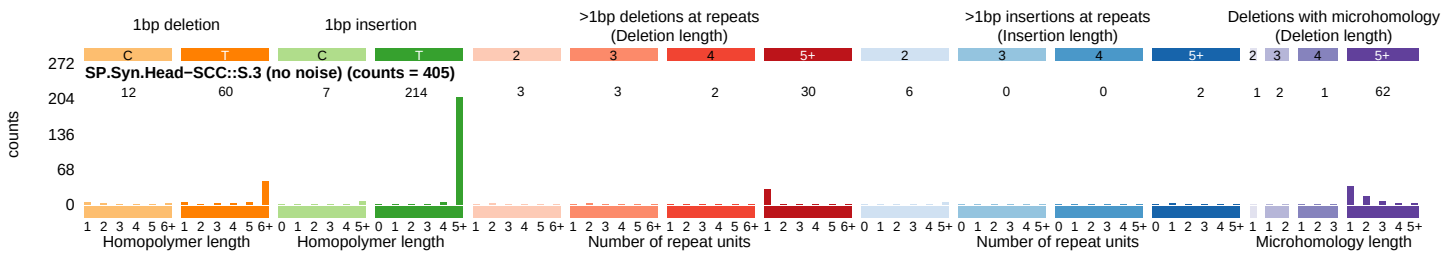
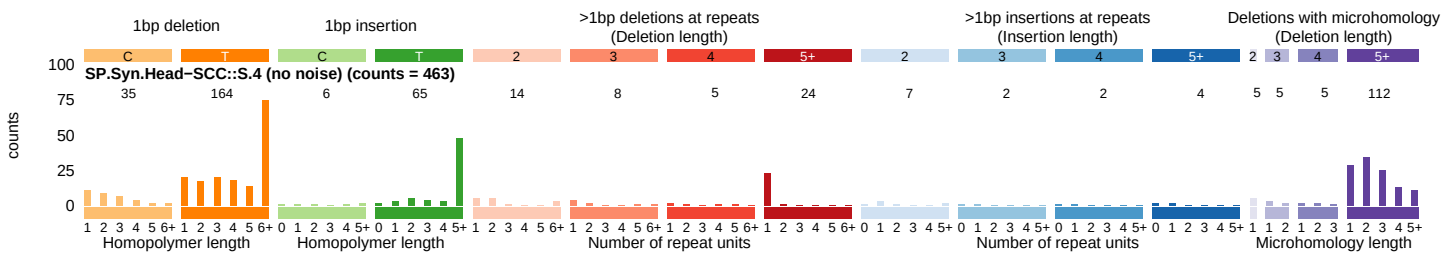
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.95 (no noise) (counts = 914)
20 432 17 371 5 8 1 3 21 6 7 16 1 3 0 3
counts
Homopolymer length
Number of repeat units
Microhomology length

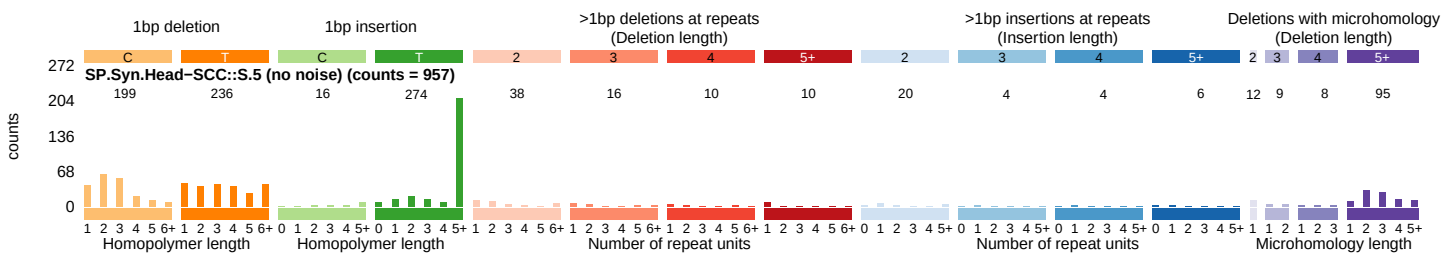

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.96 (no noise) (counts = 689)
10 232 11 275 55 23 14 4 10 1 2 1 27 9 13 2
counts
Homopolymer length
Number of repeat units
Microhomology length

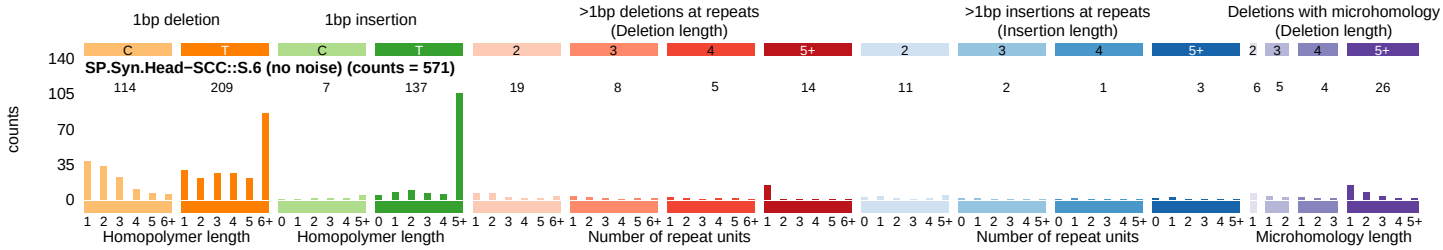

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.1 (no noise) (counts = 957)
54 350 65 173 31 17 10 68 16 3 4 6 10 10 8 132
counts
Homopolymer length
Number of repeat units
Microhomology length

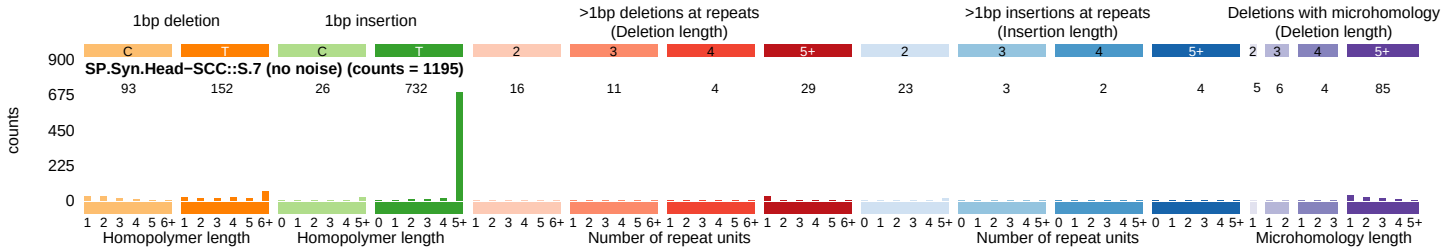

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.2 (no noise) (counts = 624)
18 112 10 317 6 5 2 15 12 2 2 3 2 3 3 112
counts
Homopolymer length
Number of repeat units
Microhomology length

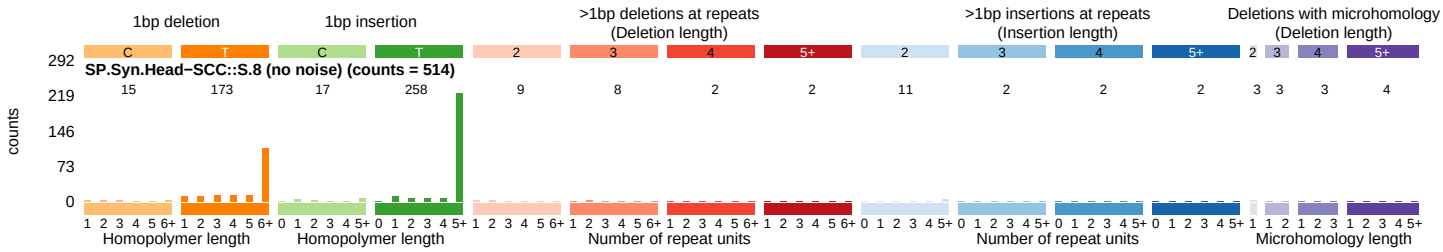

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.3 (no noise) (counts = 405)
12 60 7 214 3 3 2 30 6 0 0 2 1 2 1 62
counts
Homopolymer length
Number of repeat units
Microhomology length

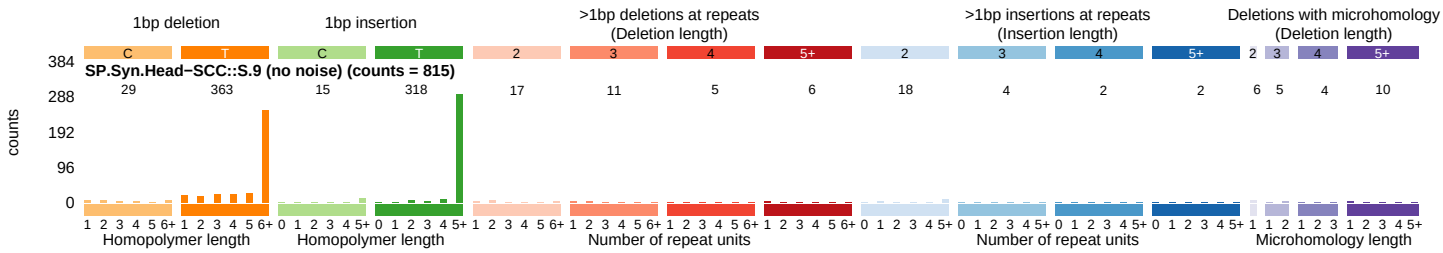

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.4 (no noise) (counts = 463)
35 164 6 65 14 8 5 24 7 2 2 4 5 5 5 112
counts
Homopolymer length
Number of repeat units
Microhomology length

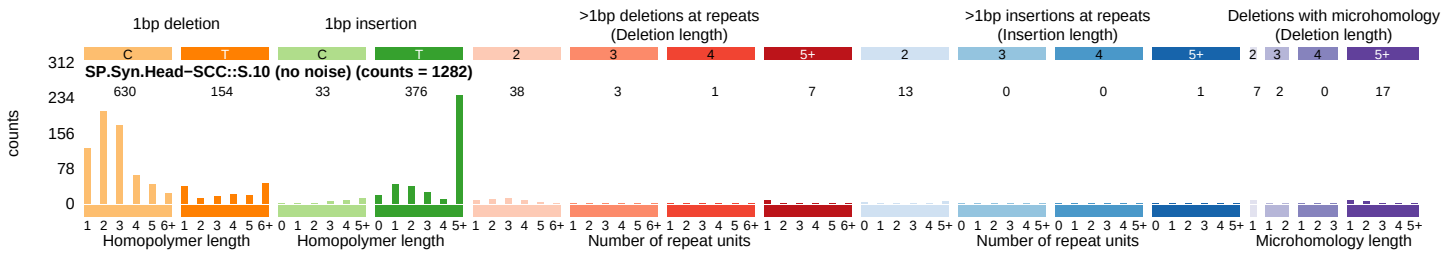

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.5 (no noise) (counts = 957)
199 236 16 274 38 16 10 10 20 4 4 6 12 9 8 95
counts
Homopolymer length
Number of repeat units
Microhomology length

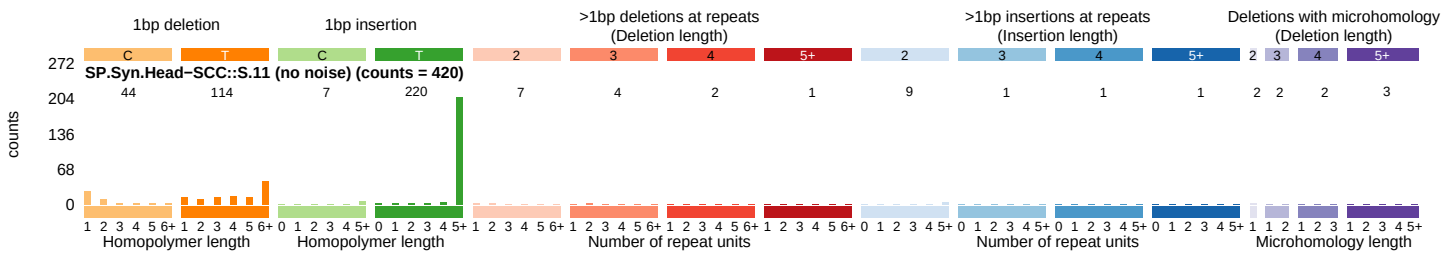

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.6 (no noise) (counts = 571)
114 209 7 137 19 8 5 14 11 2 1 3 6 5 4 26
counts
Homopolymer length
Number of repeat units
Microhomology length

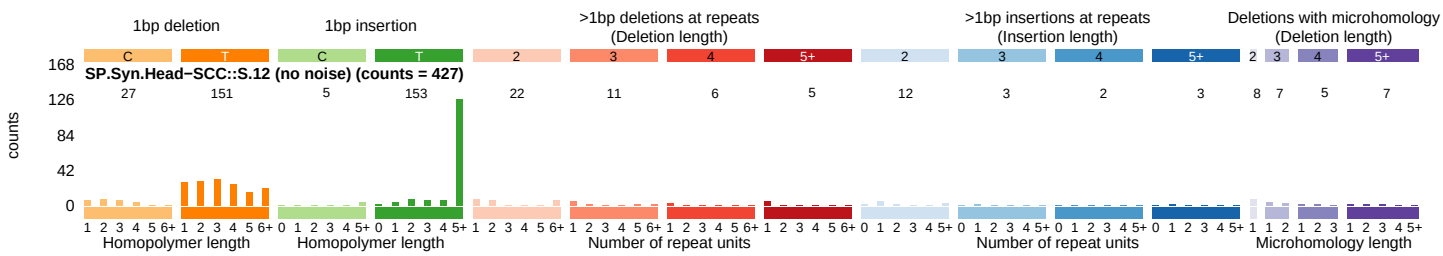

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.7 (no noise) (counts = 1195)
93 152 26 732 16 11 4 29 23 3 2 4 5 6 4 85
counts
Homopolymer length
Number of repeat units
Microhomology length

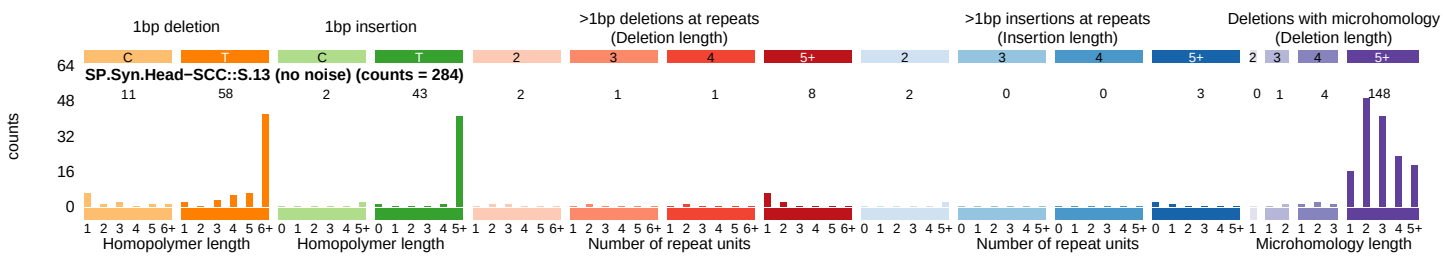

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.8 (no noise) (counts = 514)
15 173 17 258 9 8 2 2 11 2 2 2 3 3 3 4
counts
Homopolymer length
Number of repeat units
Microhomology length

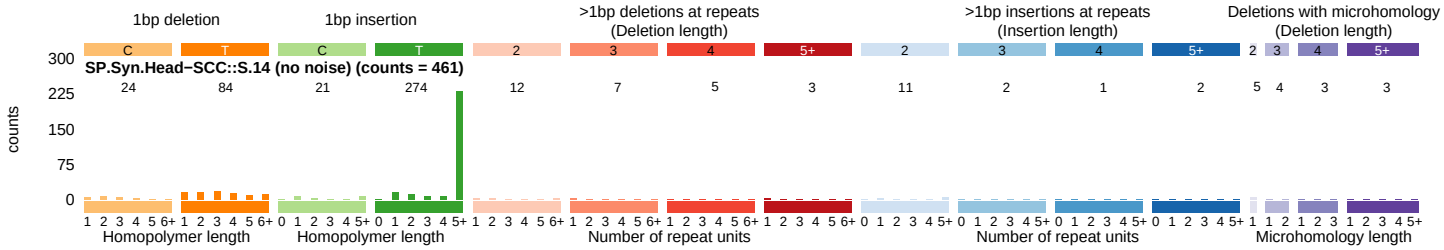

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.9 (no noise) (counts = 815)
29 363 15 318 17 11 5 6 18 4 2 2 6 5 4 10
counts
Homopolymer length
Number of repeat units
Microhomology length

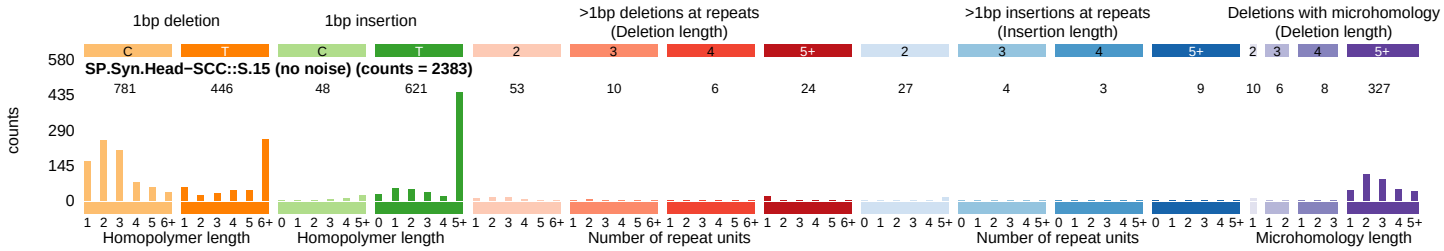

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.10 (no noise) (counts = 1282)
630 154 33 376 38 3 1 7 13 0 0 1 7 2 0 17
counts
Homopolymer length
Number of repeat units
Microhomology length

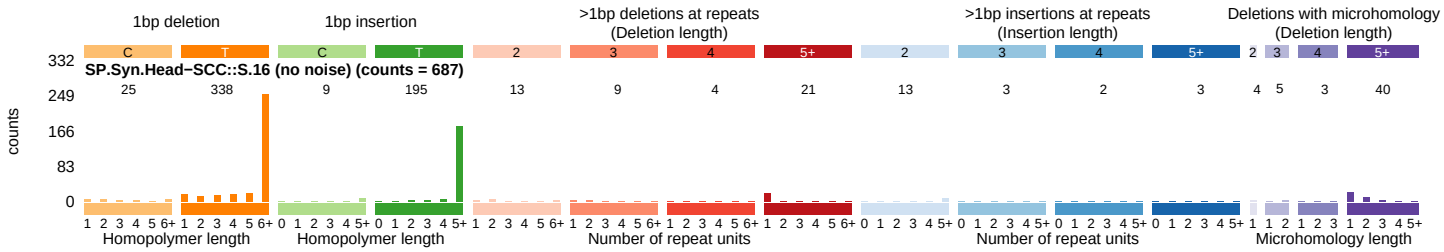

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.11 (no noise) (counts = 420)
44 114 7 220 7 4 2 1 9 1 1 1 2 2 2 3
counts
Homopolymer length
Number of repeat units
Microhomology length

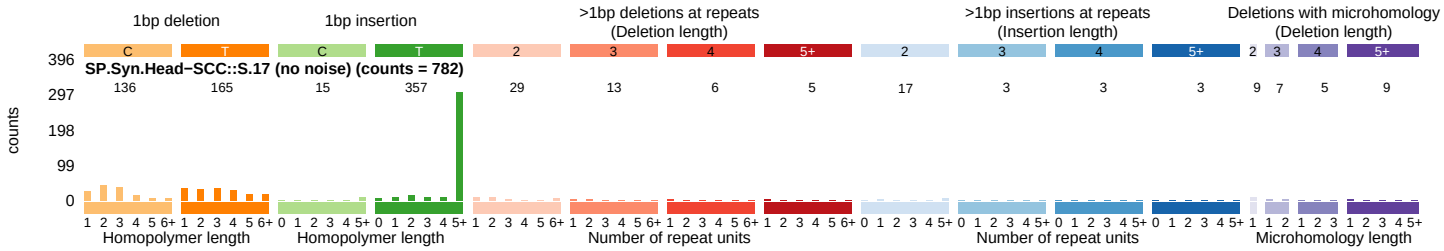

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.12 (no noise) (counts = 427)
27 151 5 153 22 11 6 5 12 3 2 3 8 7 5 7
counts
Homopolymer length
Number of repeat units
Microhomology length

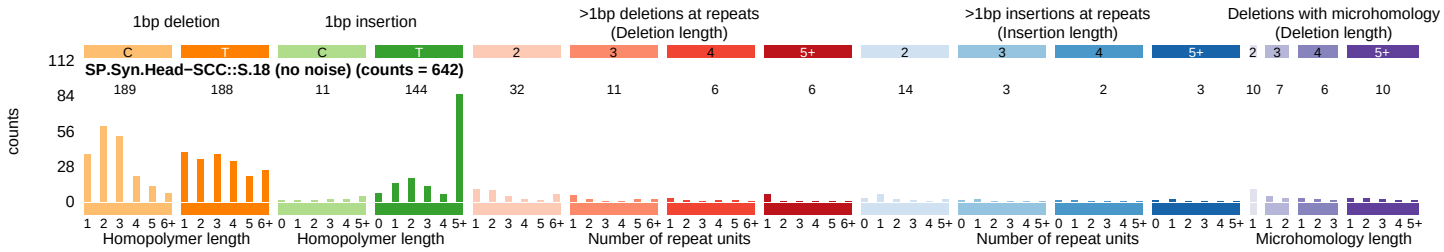

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.13 (no noise) (counts = 284)
11 58 2 43 2 1 1 8 2 0 0 3 0 1 4 148
counts
Homopolymer length
Number of repeat units
Microhomology length

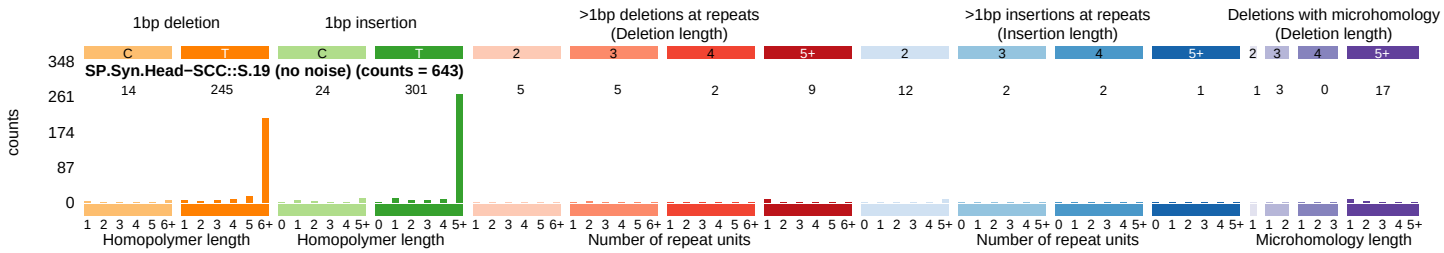

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.14 (no noise) (counts = 461)
counts
Homopolymer length
Number of repeat units
Microhomology length

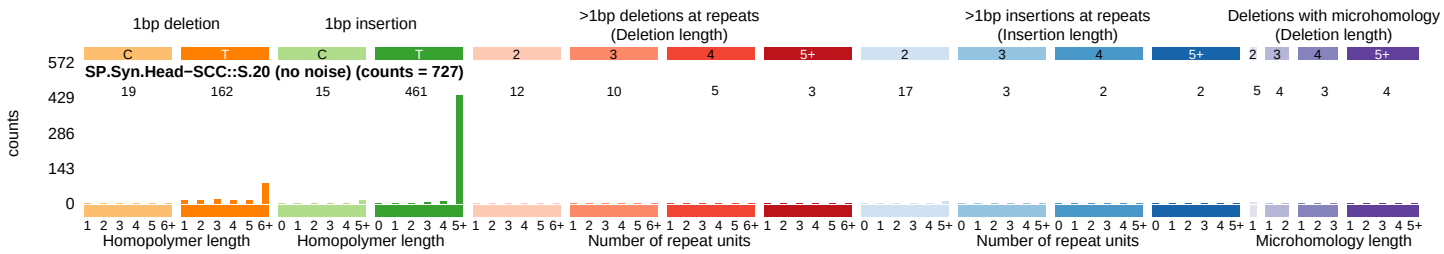

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.15 (no noise) (counts = 2383)
counts
Homopolymer length
Number of repeat units
Microhomology length

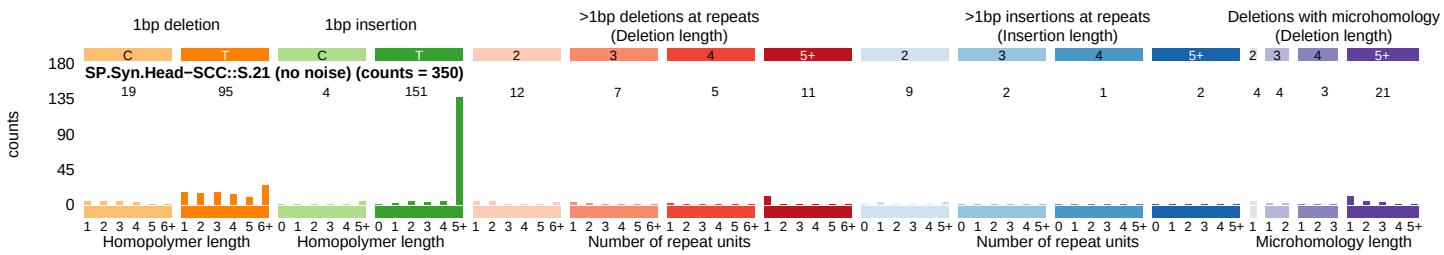

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.16 (no noise) (counts = 687)
counts
Homopolymer length
Number of repeat units
Microhomology length

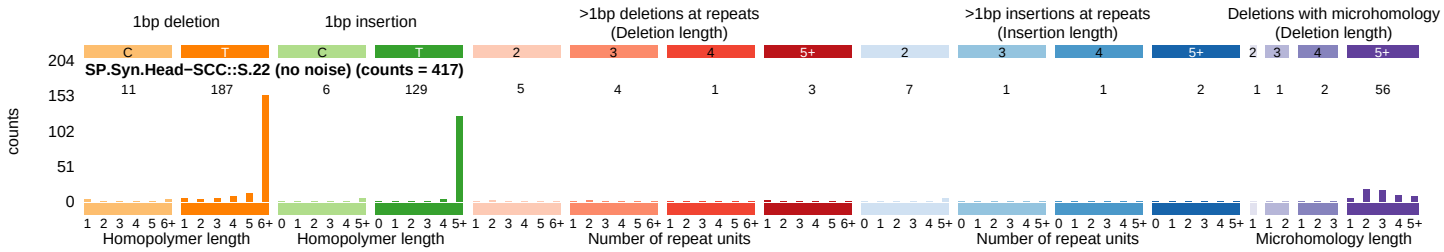

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.17 (no noise) (counts = 782)
counts
Homopolymer length
Number of repeat units
Microhomology length

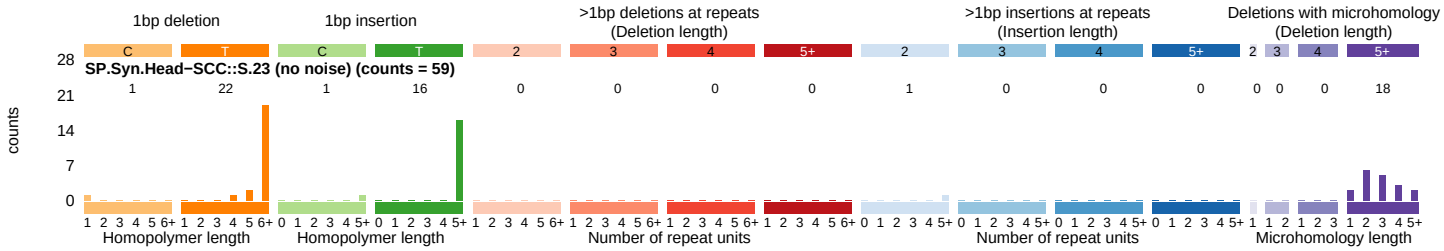

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.18 (no noise) (counts = 642)
counts
Homopolymer length
Number of repeat units
Microhomology length

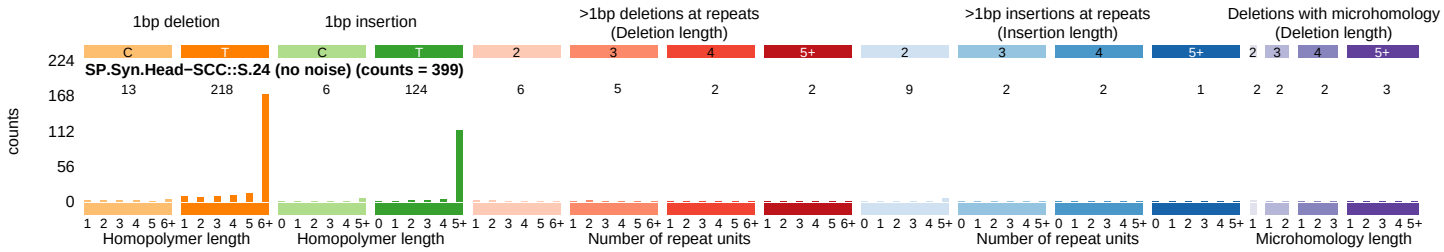

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.19 (no noise) (counts = 643)
counts
Homopolymer length
Number of repeat units
Microhomology length

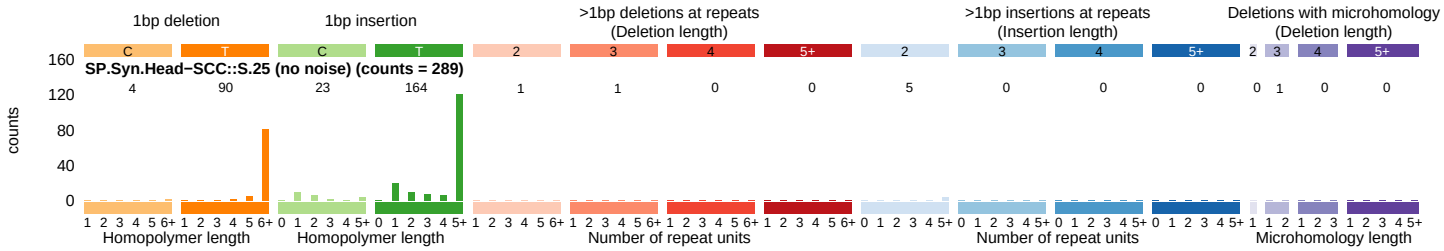

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.20 (no noise) (counts = 727)
counts
Homopolymer length
Number of repeat units
Microhomology length

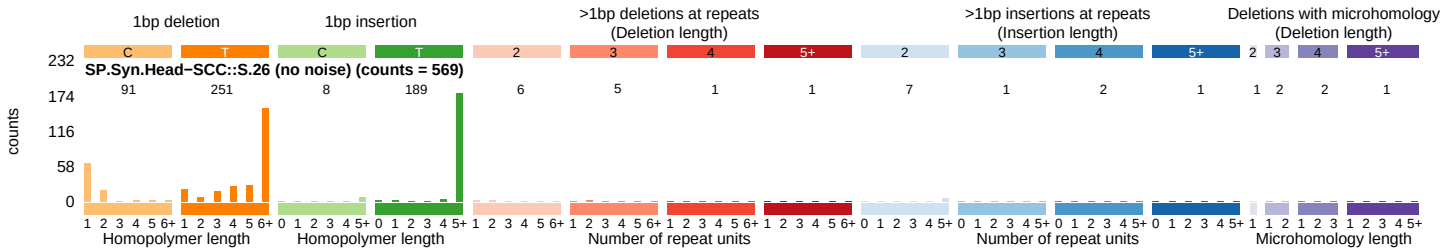

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.21 (no noise) (counts = 350)
counts
Homopolymer length
Number of repeat units
Microhomology length

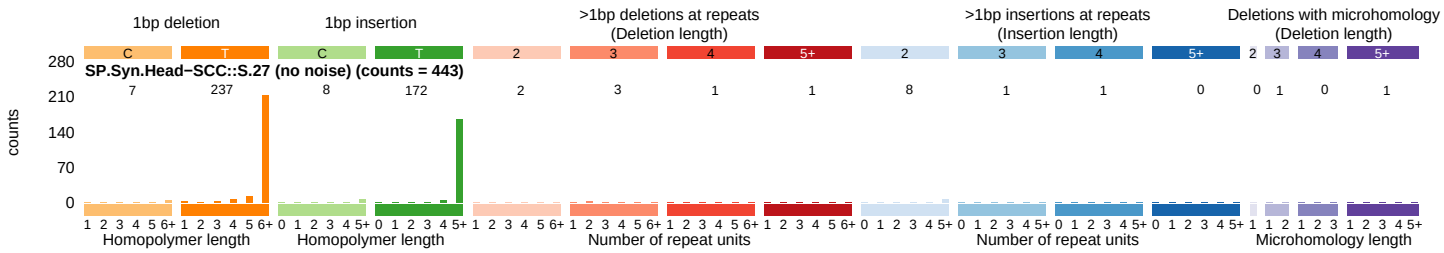

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.22 (no noise) (counts = 417)
counts
Homopolymer length
Number of repeat units
Microhomology length

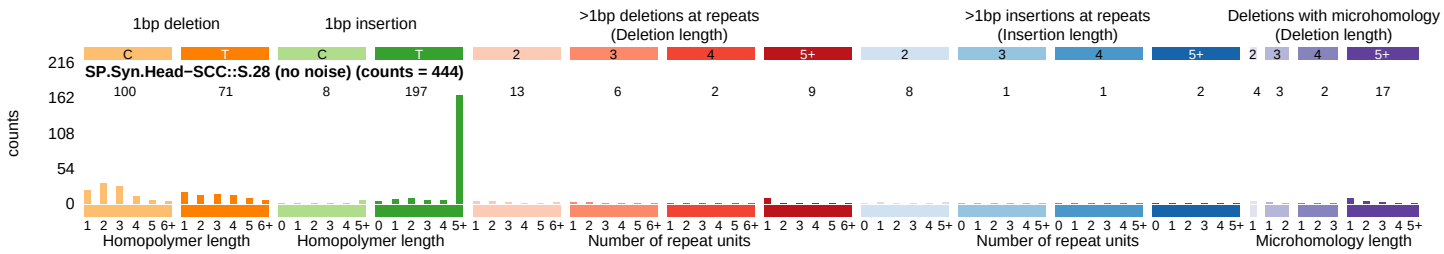

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.23 (no noise) (counts = 59)
counts
Homopolymer length
Number of repeat units
Microhomology length

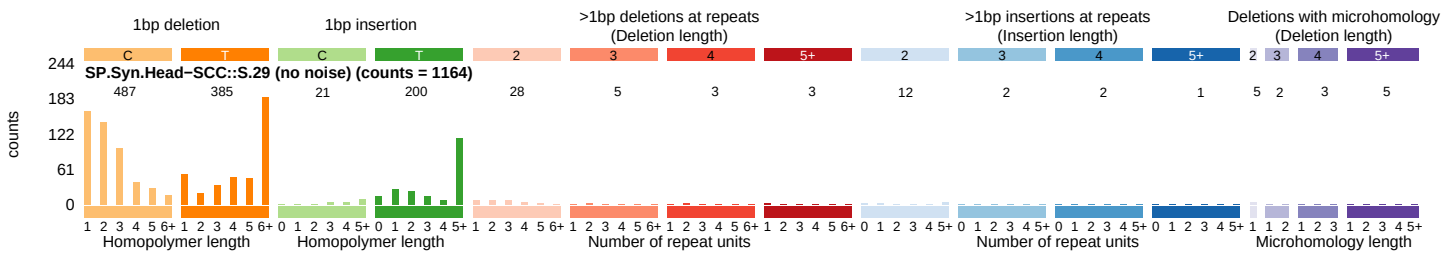

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.24 (no noise) (counts = 399)
counts
Homopolymer length
Number of repeat units
Microhomology length

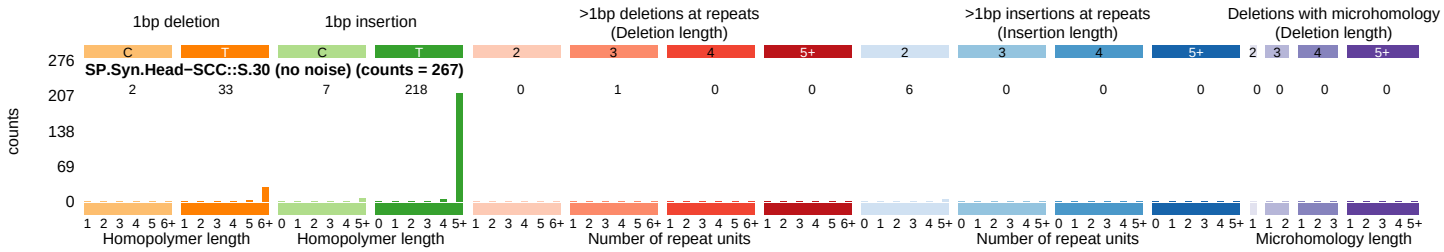

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.25 (no noise) (counts = 289)
counts
Homopolymer length
Number of repeat units
Microhomology length

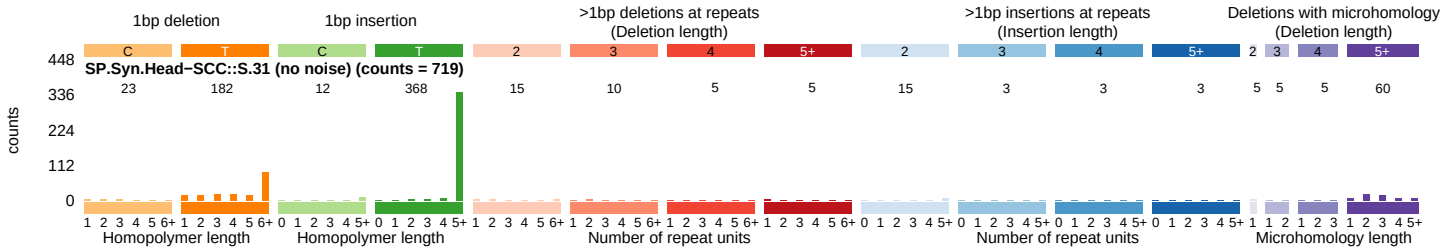

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.26 (no noise) (counts = 569)
counts
Homopolymer length
Number of repeat units
Microhomology length

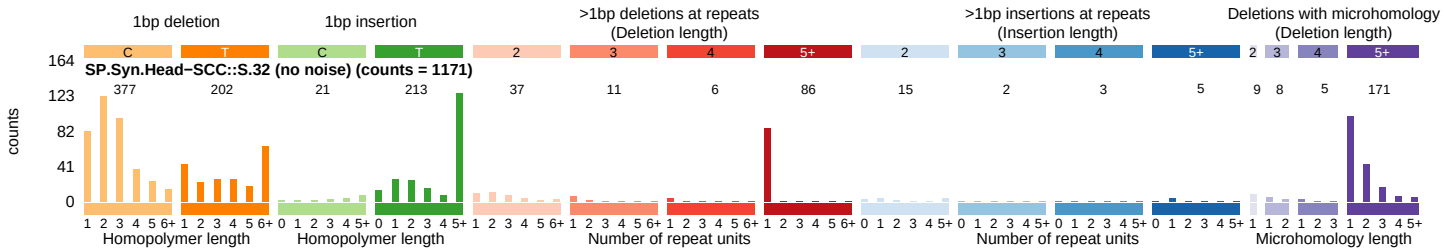

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.27 (no noise) (counts = 443)
counts
Homopolymer length
Number of repeat units
Microhomology length

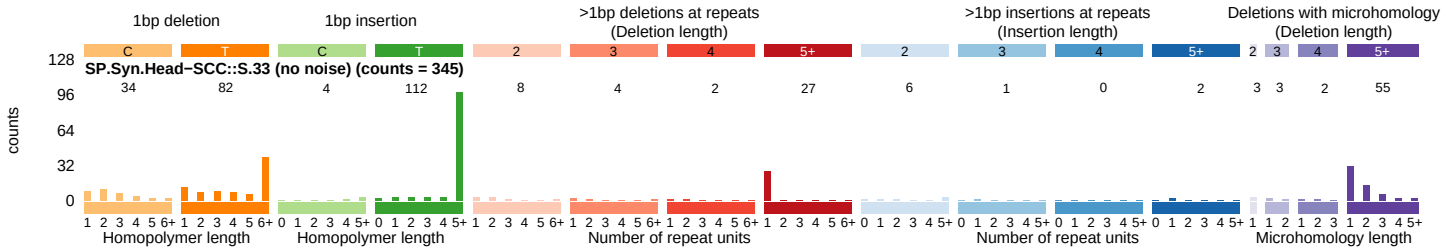

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.28 (no noise) (counts = 444)
counts
Homopolymer length
Number of repeat units
Microhomology length

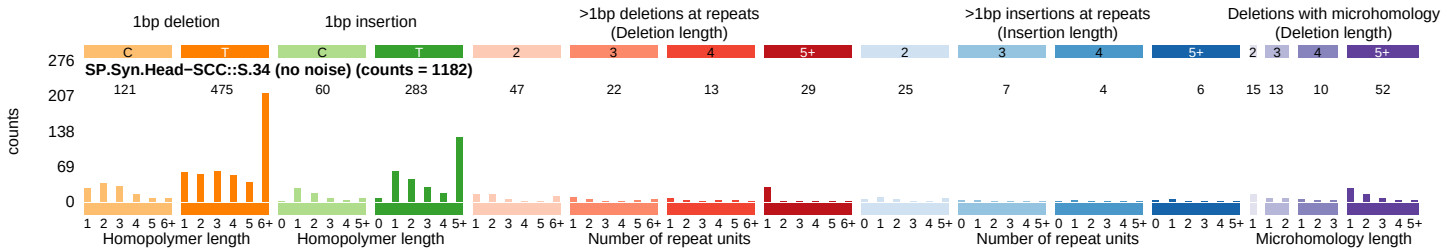

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.29 (no noise) (counts = 1164)
counts
Homopolymer length
Number of repeat units
Microhomology length

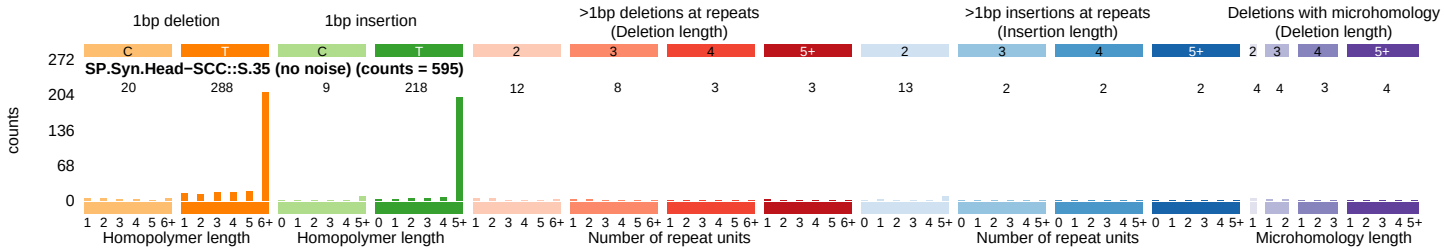

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.30 (no noise) (counts = 267)
counts
Homopolymer length
Number of repeat units
Microhomology length

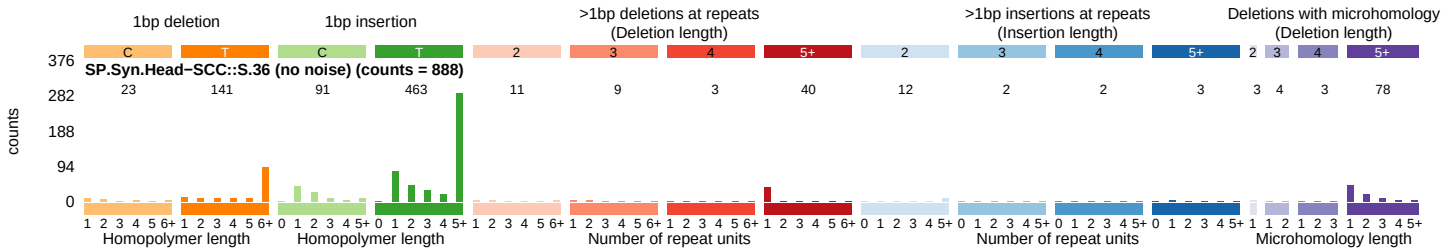

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.31 (no noise) (counts = 719)
counts
Homopolymer length
Number of repeat units
Microhomology length

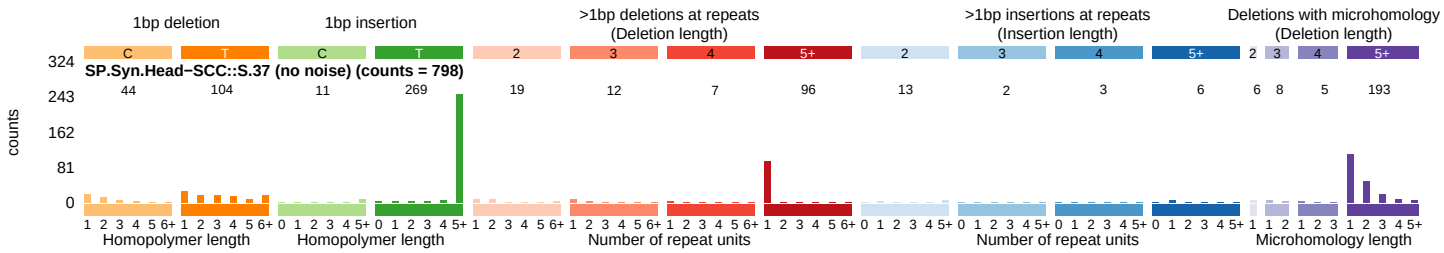

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.32 (no noise) (counts = 1171)
counts
Homopolymer length
Number of repeat units
Microhomology length

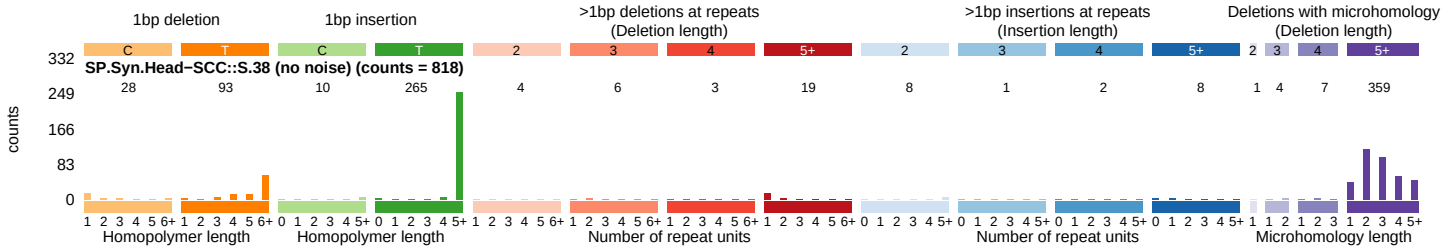

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.33 (no noise) (counts = 345)
counts
Homopolymer length
Number of repeat units
Microhomology length

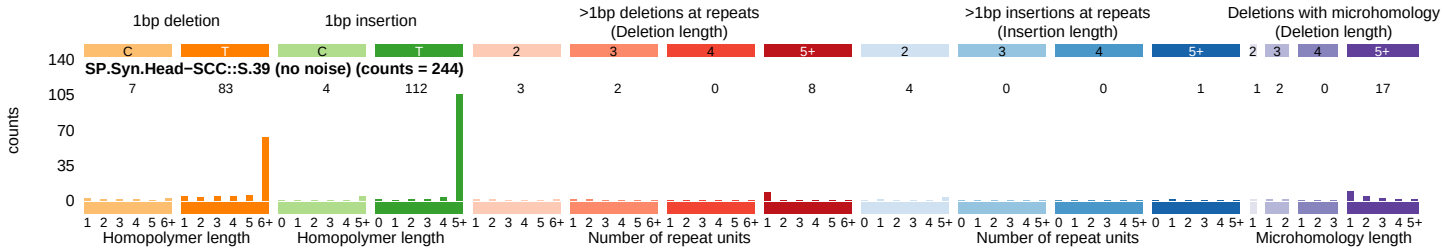

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.34 (no noise) (counts = 1182)
counts
Homopolymer length
Number of repeat units
Microhomology length

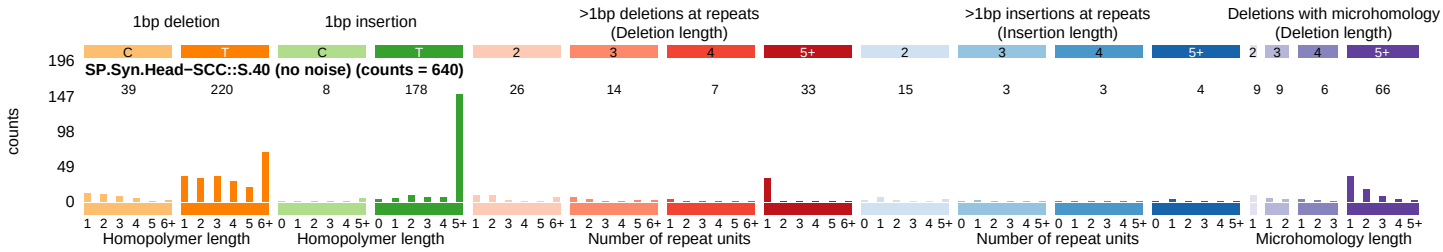

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.35 (no noise) (counts = 595)
counts
Homopolymer length
Number of repeat units
Microhomology length

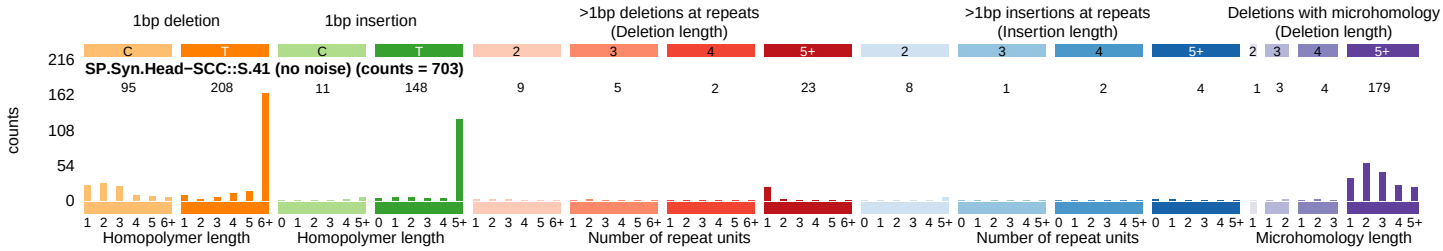

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.36 (no noise) (counts = 888)
counts
Homopolymer length
Number of repeat units
Microhomology length

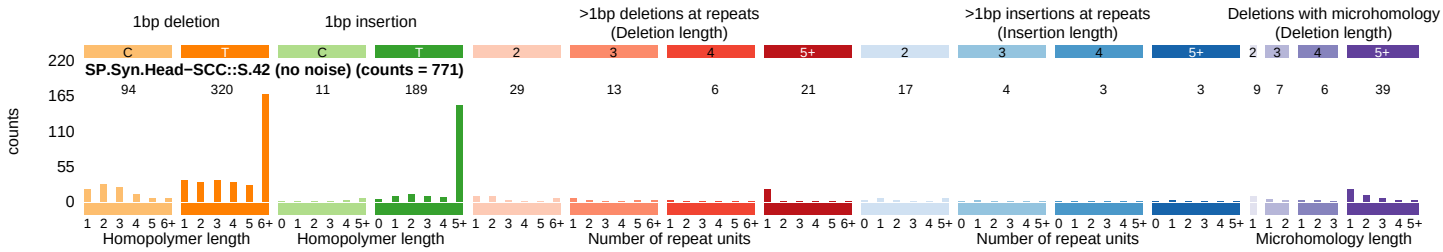

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.37 (no noise) (counts = 798)
counts
Homopolymer length
Number of repeat units
Microhomology length

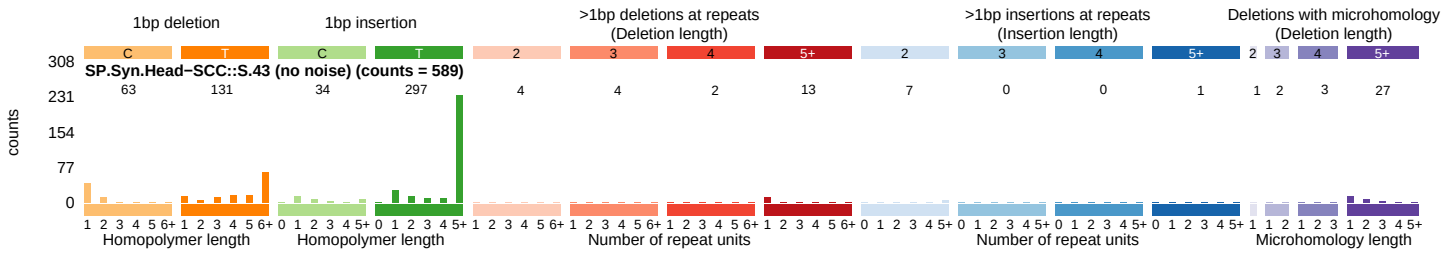

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.38 (no noise) (counts = 818)
counts
Homopolymer length
Number of repeat units
Microhomology length

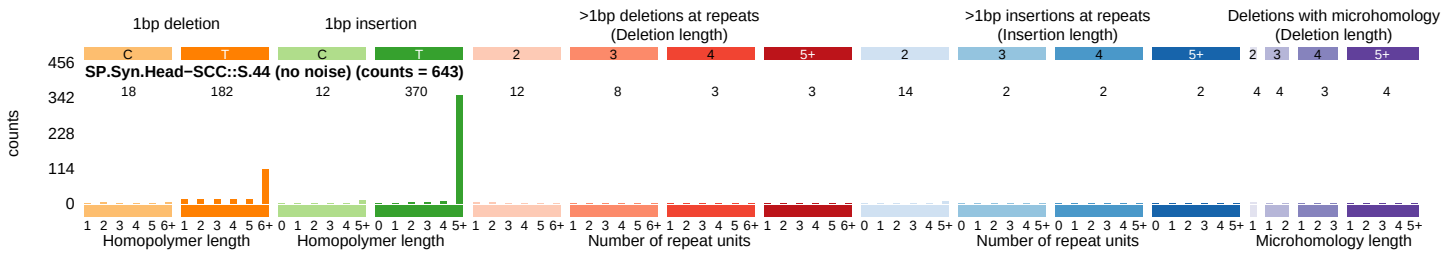

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.39 (no noise) (counts = 244)
counts
Homopolymer length
Number of repeat units
Microhomology length

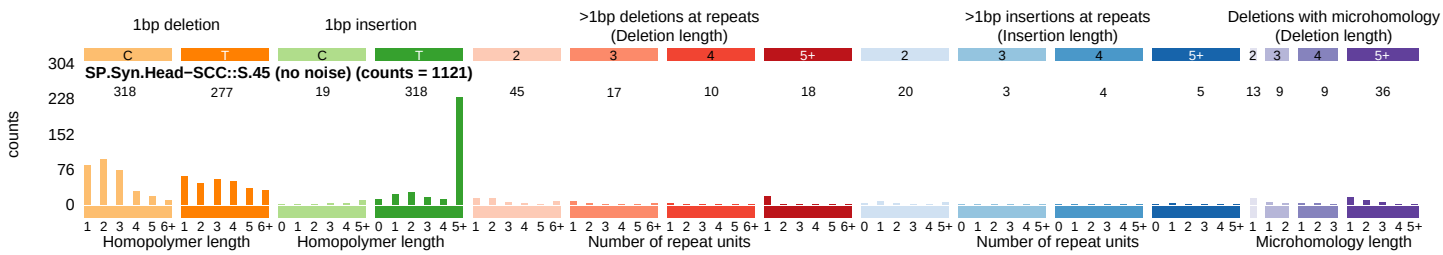

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.40 (no noise) (counts = 640)
counts
Homopolymer length
Number of repeat units
Microhomology length

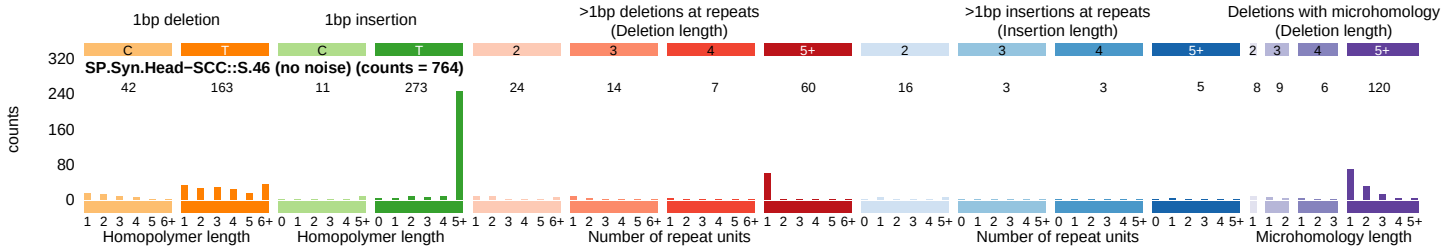

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.41 (no noise) (counts = 703)
counts
Homopolymer length
Number of repeat units
Microhomology length

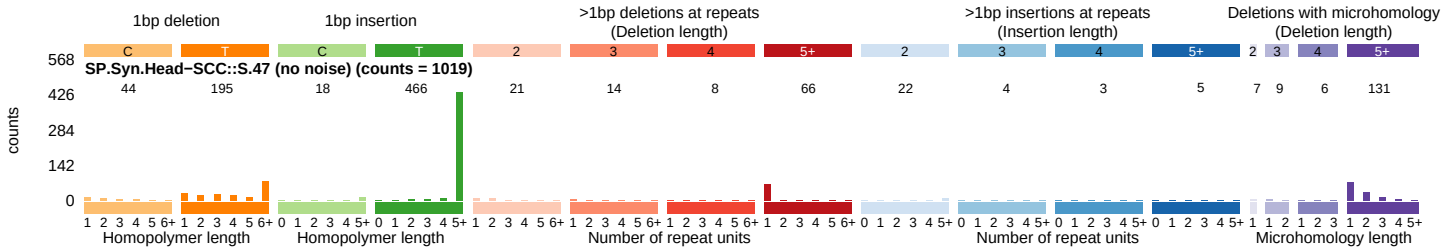

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.42 (no noise) (counts = 771)
counts
Homopolymer length
Number of repeat units
Microhomology length

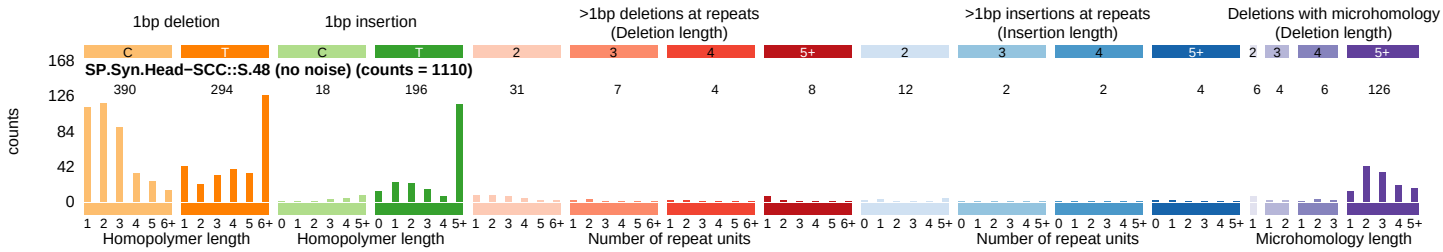

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.43 (no noise) (counts = 589)
counts
Homopolymer length
Number of repeat units
Microhomology length

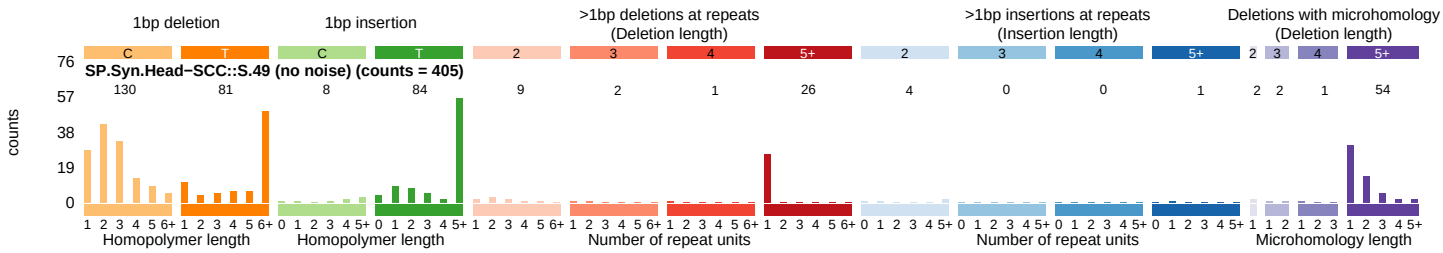

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.44 (no noise) (counts = 643)
counts
Homopolymer length
Number of repeat units
Microhomology length

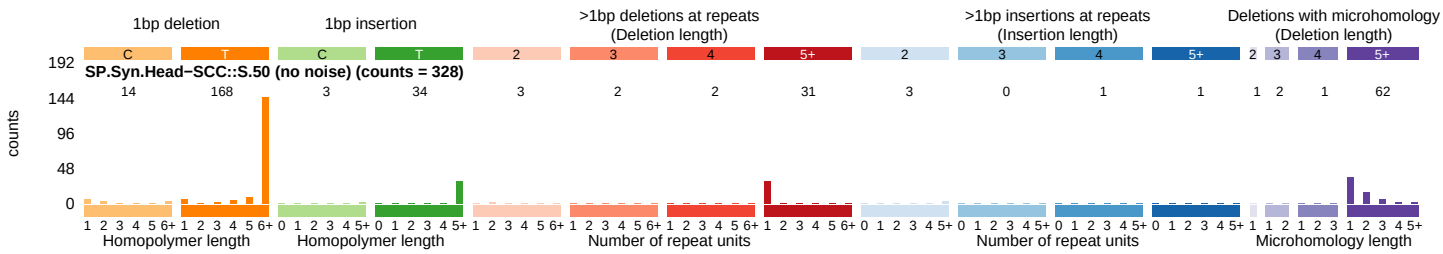

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.45 (no noise) (counts = 1121)
counts
Homopolymer length
Number of repeat units
Microhomology length

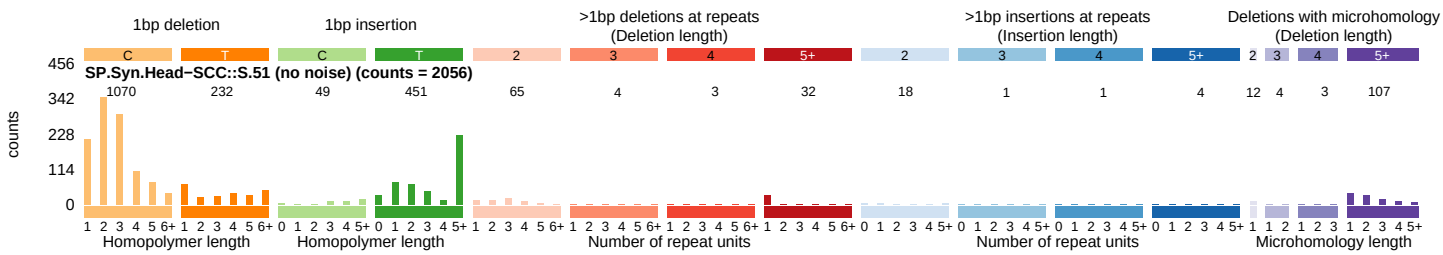

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.46 (no noise) (counts = 764)
42 163 11 273 24 14 7 60 16 3 3 5 8 9 6 120
counts
Homopolymer length
Number of repeat units
Microhomology length

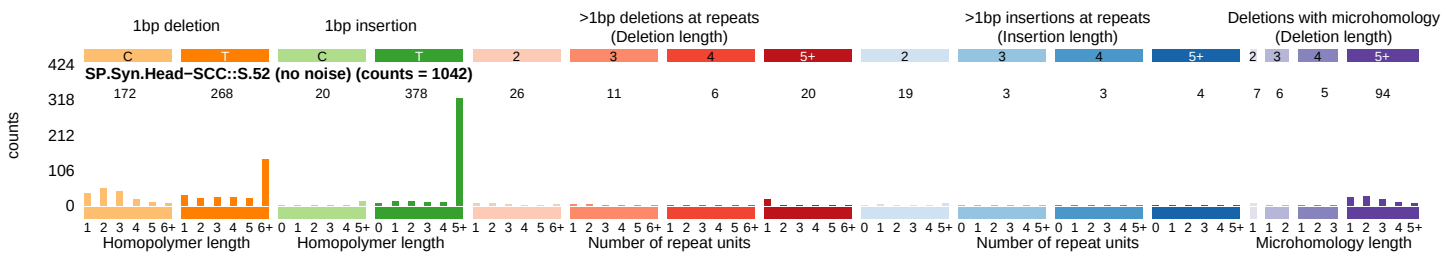

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.47 (no noise) (counts = 1019)
44 195 18 466 21 14 8 66 22 4 3 5 7 9 6 131
counts
Homopolymer length
Number of repeat units
Microhomology length

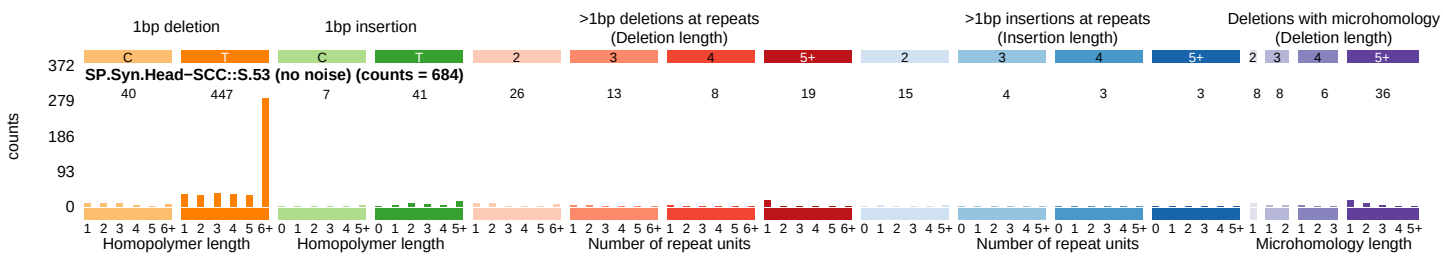

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.48 (no noise) (counts = 1110)
390 294 18 196 31 7 4 8 12 2 2 4 6 4 6 126
counts
Homopolymer length
Number of repeat units
Microhomology length

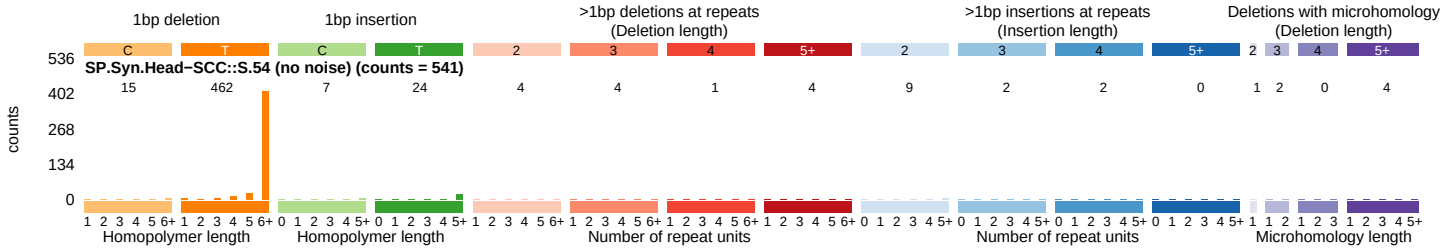

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.49 (no noise) (counts = 405)
130 81 8 84 9 2 1 26 4 0 0 1 2 2 1 54
counts
Homopolymer length
Number of repeat units
Microhomology length

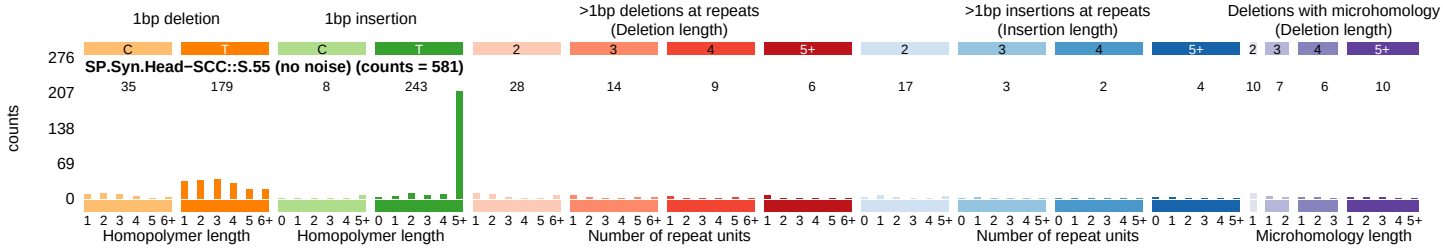

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.50 (no noise) (counts = 328)
14 168 3 34 3 2 2 31 3 0 1 1 1 2 1 62
counts
Homopolymer length
Number of repeat units
Microhomology length

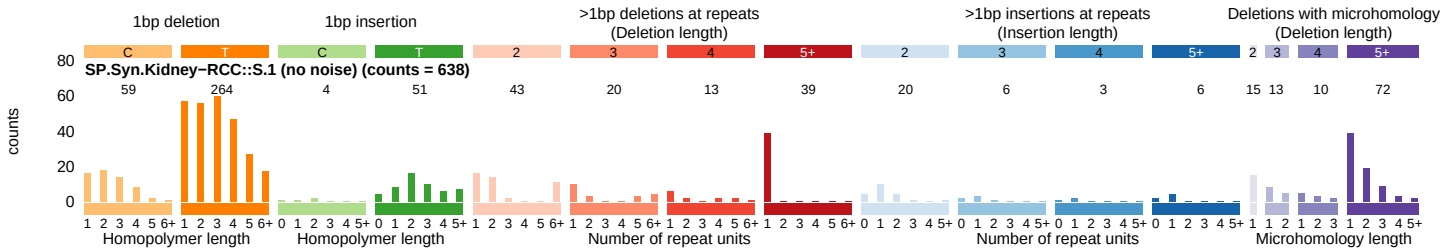

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.51 (no noise) (counts = 2056)
1070 232 49 451 65 4 3 32 18 1 1 4 12 4 3 107
counts
Homopolymer length
Number of repeat units
Microhomology length

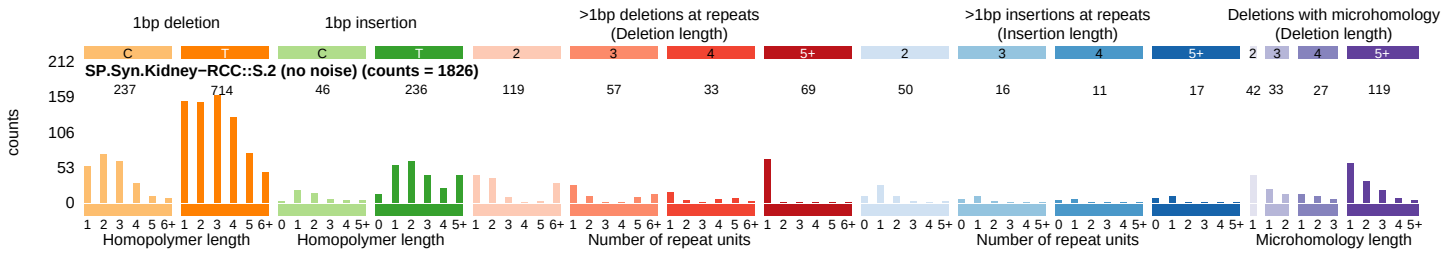

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.52 (no noise) (counts = 1042)
172 268 20 378 26 11 6 20 19 3 3 4 7 6 5 94
counts
Homopolymer length
Number of repeat units
Microhomology length

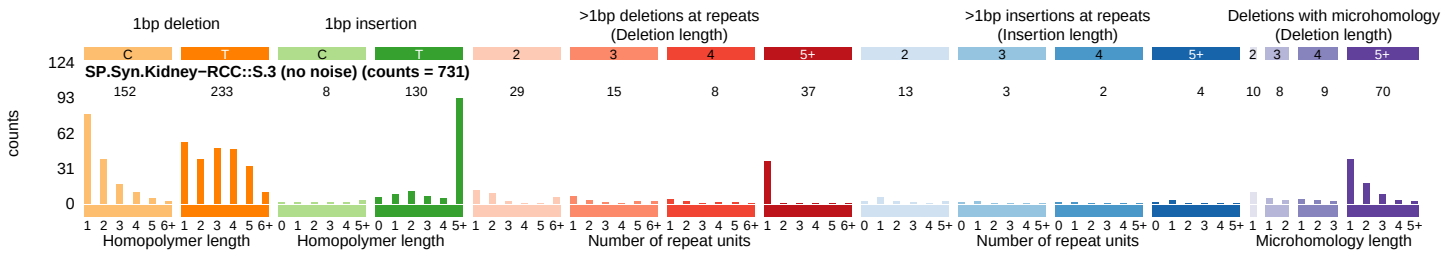

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.53 (no noise) (counts = 684)
40 447 7 41 26 13 8 19 15 4 3 3 8 8 6 36
counts
Homopolymer length
Number of repeat units
Microhomology length

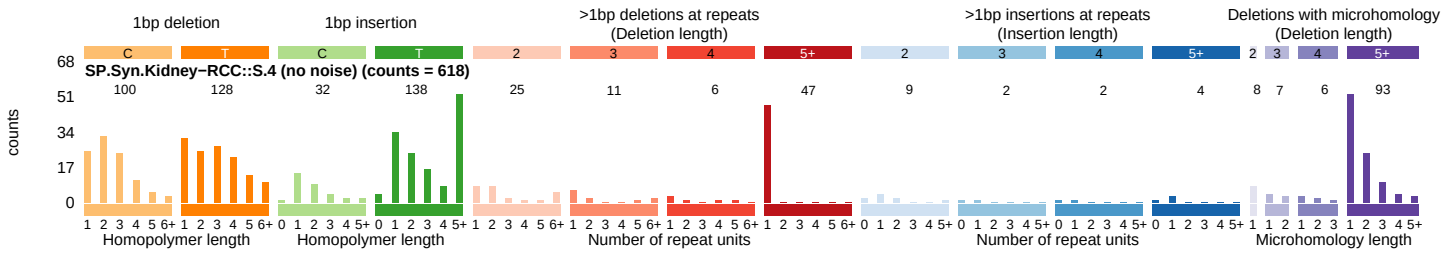

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.54 (no noise) (counts = 541)
counts
Homopolymer length
Number of repeat units
Microhomology length

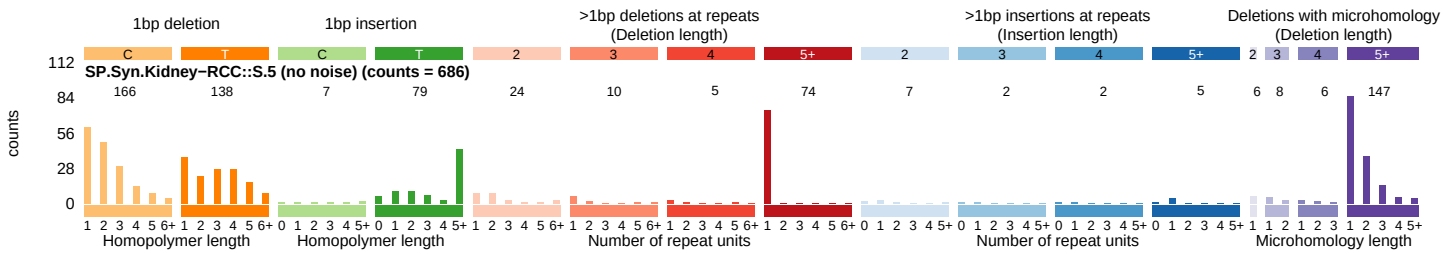

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.55 (no noise) (counts = 581)
counts
Homopolymer length
Number of repeat units
Microhomology length

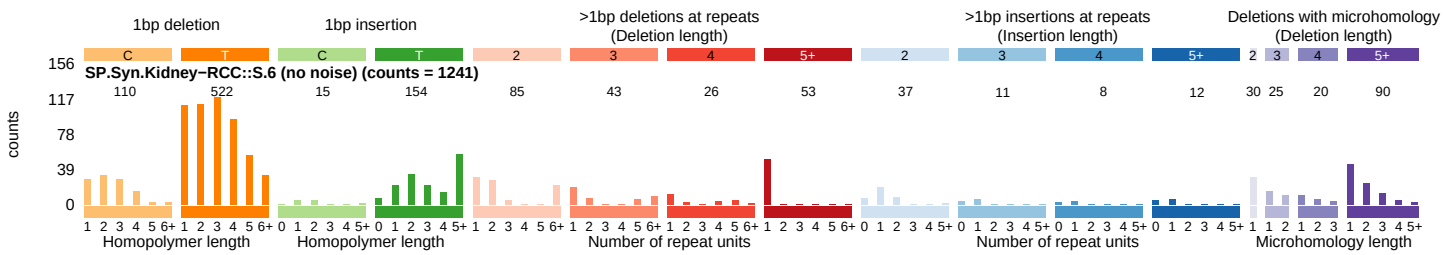

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.1 (no noise) (counts = 638)
counts
Homopolymer length
Number of repeat units
Microhomology length

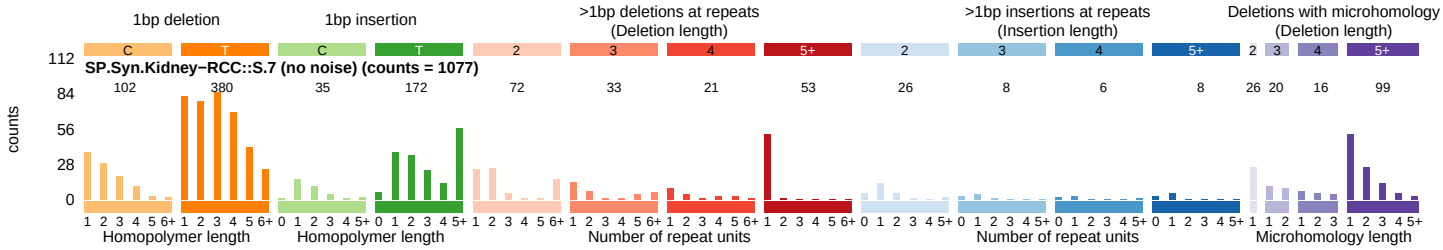

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.2 (no noise) (counts = 1826)
counts
Homopolymer length
Number of repeat units
Microhomology length

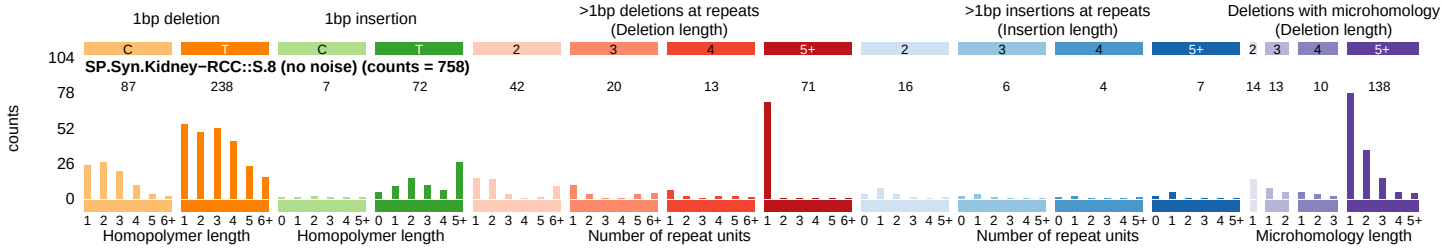

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.3 (no noise) (counts = 731)
counts
Homopolymer length
Number of repeat units
Microhomology length

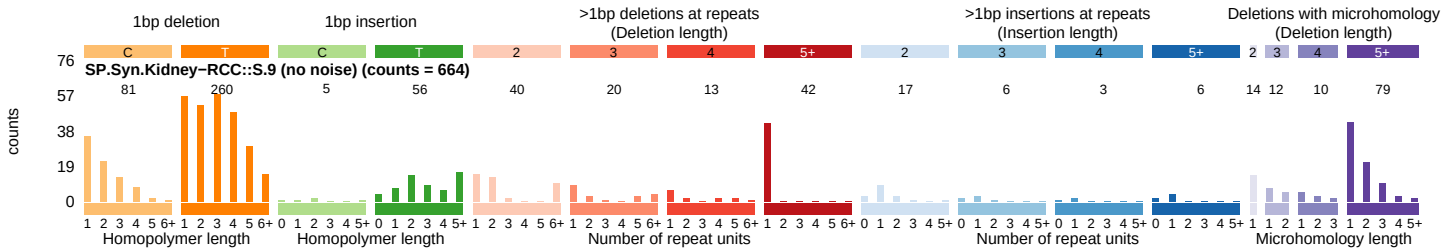

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.4 (no noise) (counts = 618)
counts
Homopolymer length
Number of repeat units
Microhomology length

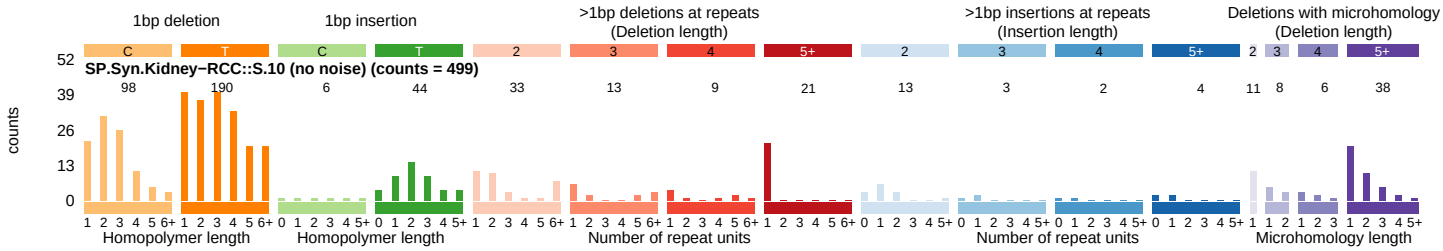

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.5 (no noise) (counts = 686)
counts
Homopolymer length
Number of repeat units
Microhomology length

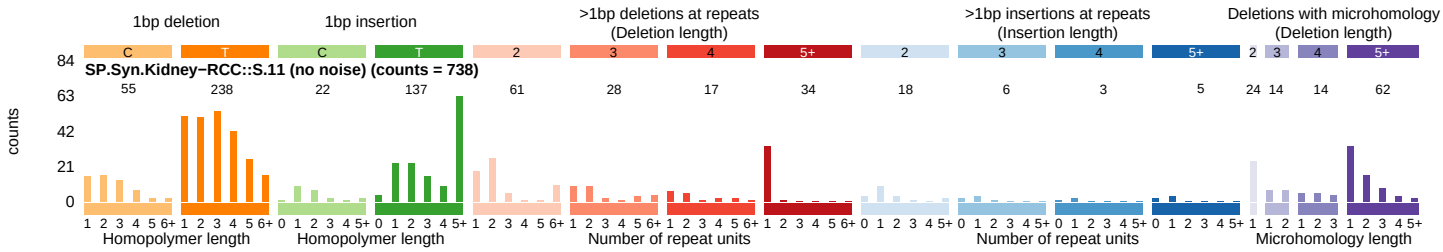

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.6 (no noise) (counts = 1241)
counts
Homopolymer length
Number of repeat units
Microhomology length

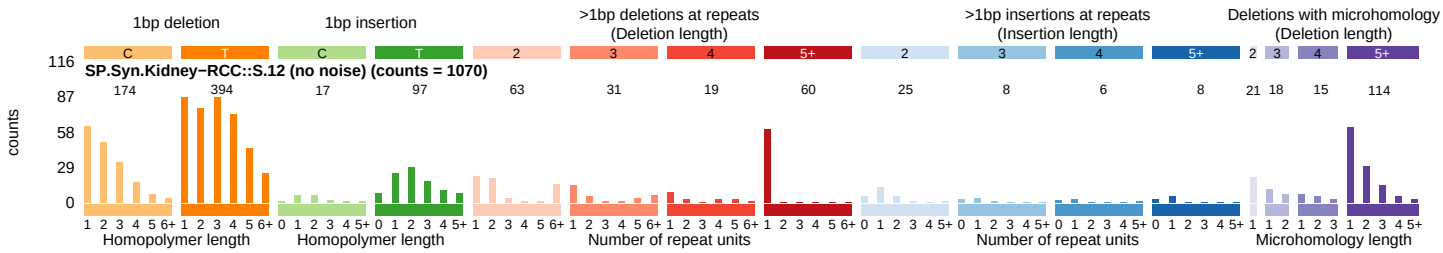

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.7 (no noise) (counts = 1077)
counts
Homopolymer length
Number of repeat units
Microhomology length

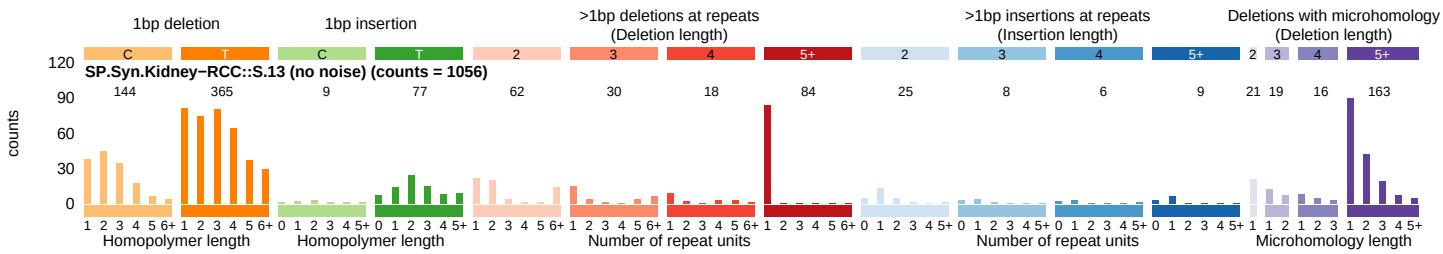

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.8 (no noise) (counts = 758)
counts
Homopolymer length
Number of repeat units
Microhomology length

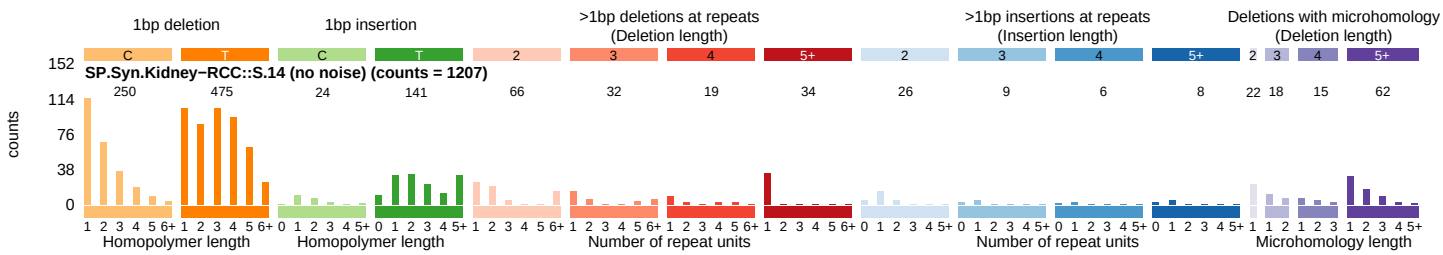

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.9 (no noise) (counts = 664)
counts
Homopolymer length
Number of repeat units
Microhomology length

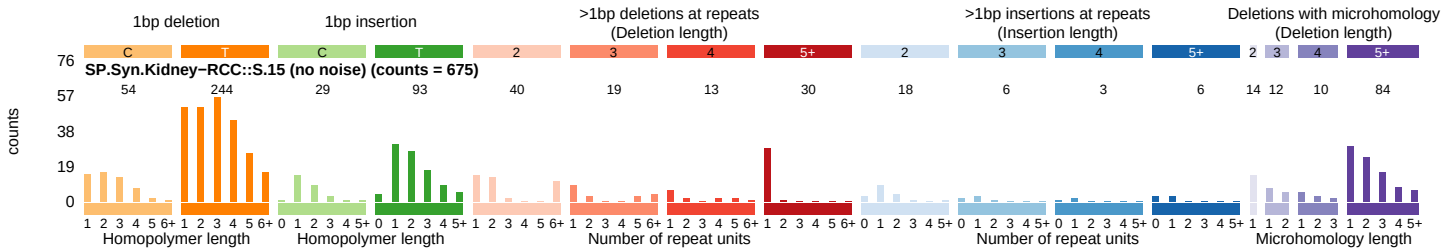

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.10 (no noise) (counts = 499)
counts
Homopolymer length
Number of repeat units
Microhomology length

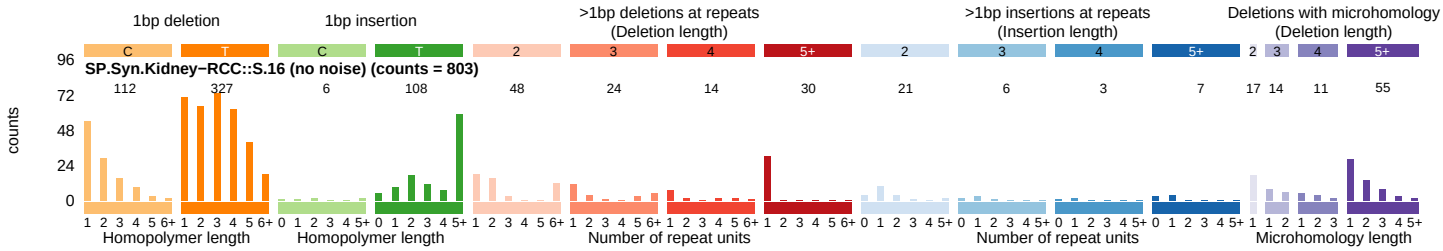

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.11 (no noise) (counts = 738)
counts
Homopolymer length
Number of repeat units
Microhomology length

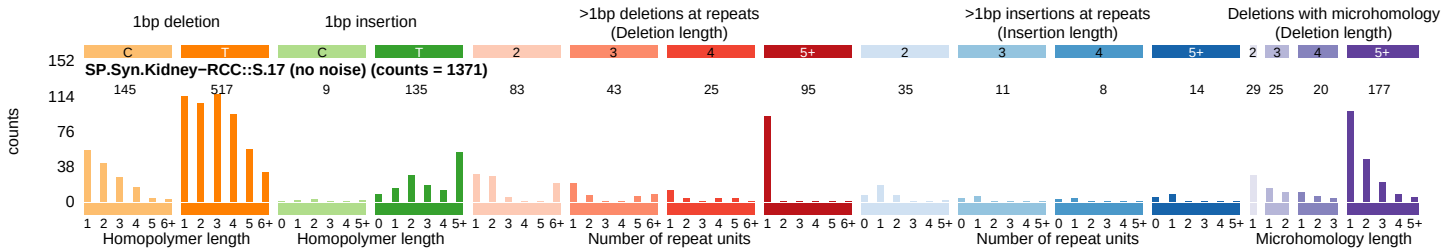

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.12 (no noise) (counts = 1070)
counts
Homopolymer length
Number of repeat units
Microhomology length

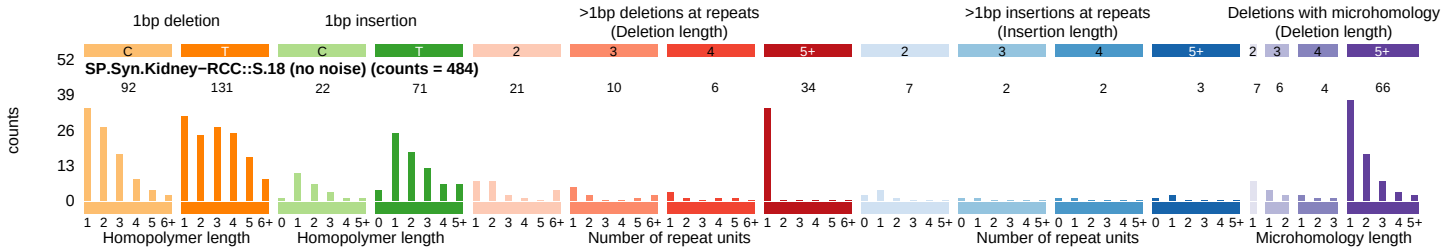

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.13 (no noise) (counts = 1056)
counts
Homopolymer length
Number of repeat units
Microhomology length

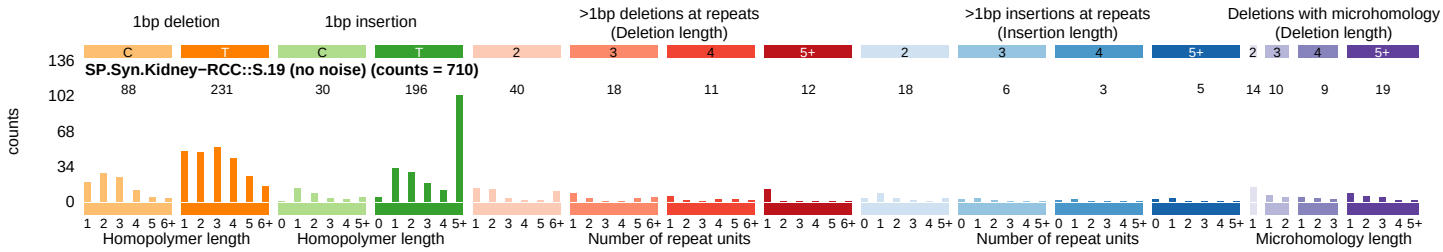

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.14 (no noise) (counts = 1207)
counts
Homopolymer length
Number of repeat units
Microhomology length

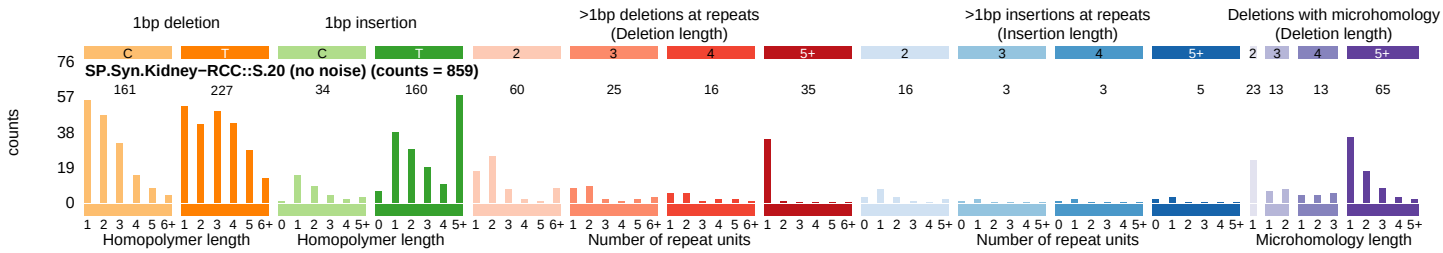

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.15 (no noise) (counts = 675)
counts
Homopolymer length
Number of repeat units
Microhomology length

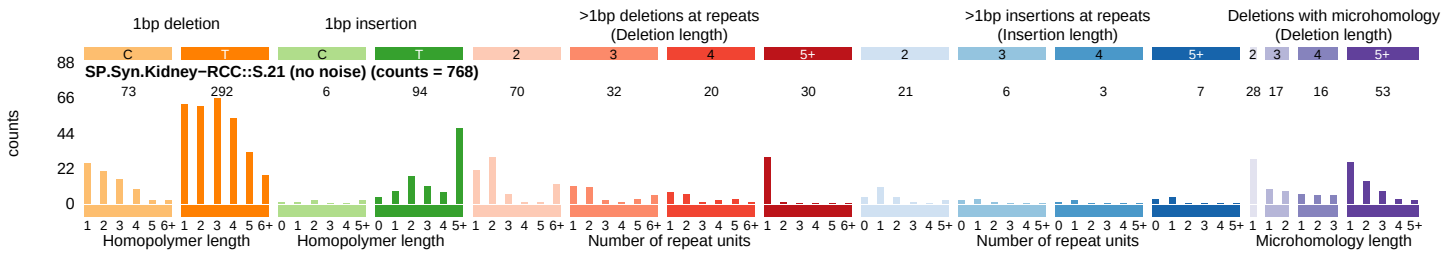

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.16 (no noise) (counts = 803)
counts
Homopolymer length
Number of repeat units
Microhomology length

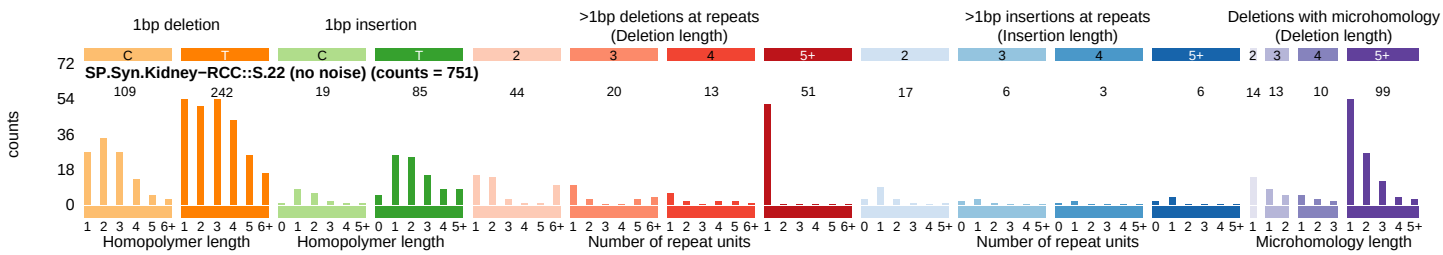

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.17 (no noise) (counts = 1371)
counts
Homopolymer length
Number of repeat units
Microhomology length

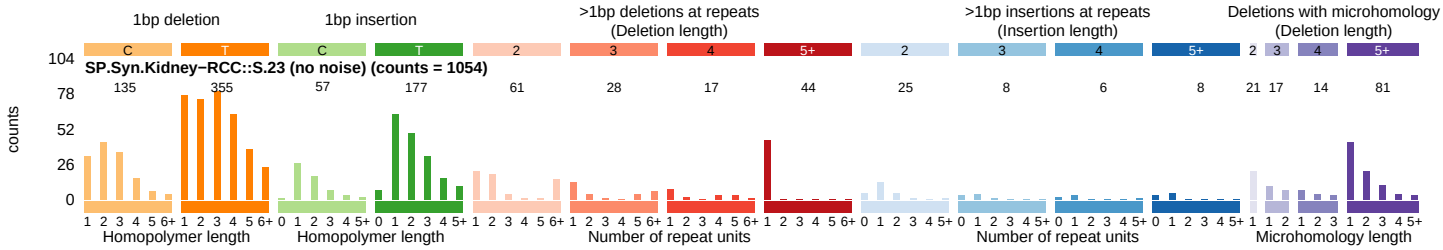

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.18 (no noise) (counts = 484)
counts
Homopolymer length
Number of repeat units
Microhomology length

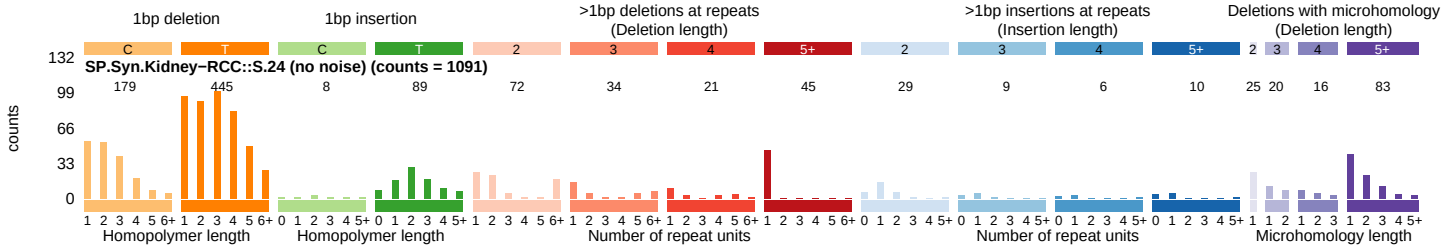

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.19 (no noise) (counts = 710)
counts
Homopolymer length
Number of repeat units
Microhomology length

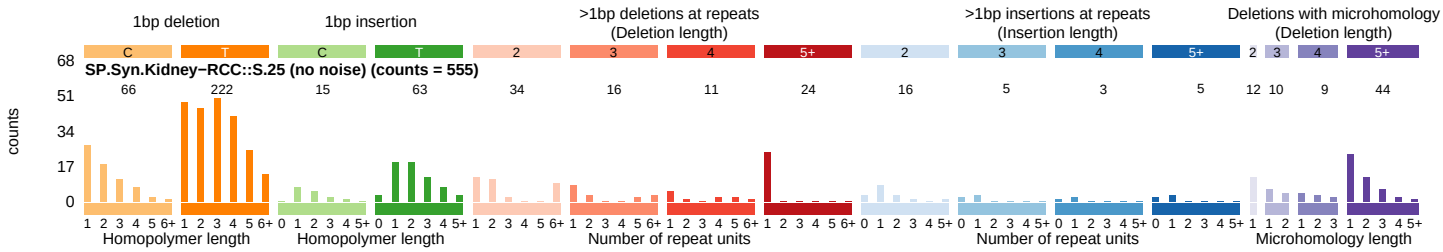

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.20 (no noise) (counts = 859)
counts
Homopolymer length
Number of repeat units
Microhomology length

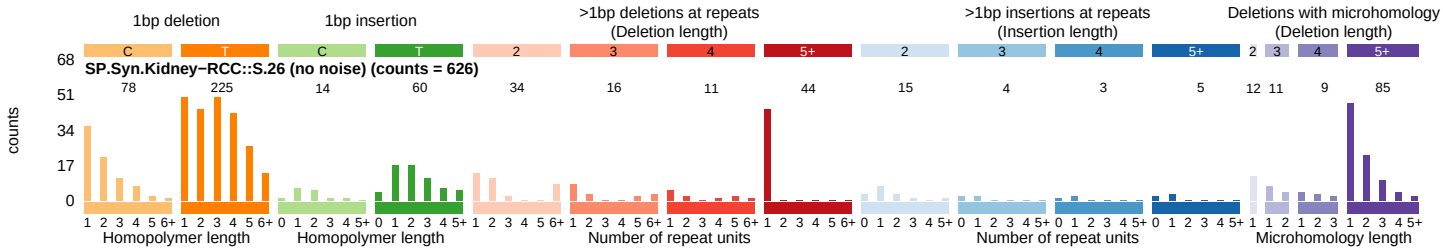

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.21 (no noise) (counts = 768)
counts
Homopolymer length
Number of repeat units
Microhomology length

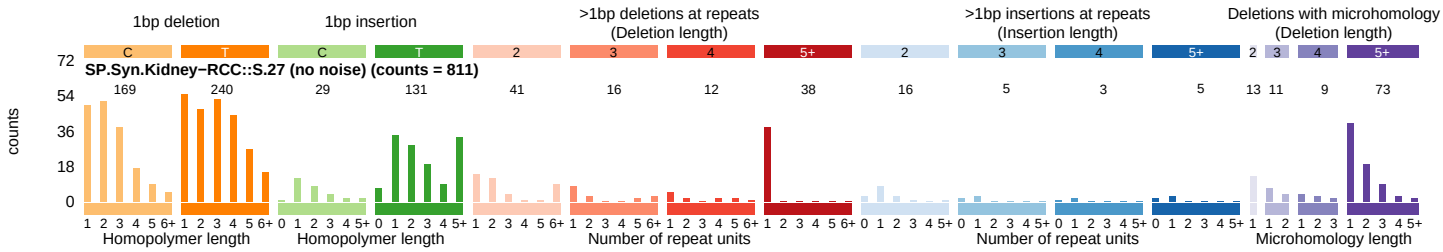

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.22 (no noise) (counts = 751)
counts
Homopolymer length
Number of repeat units
Microhomology length

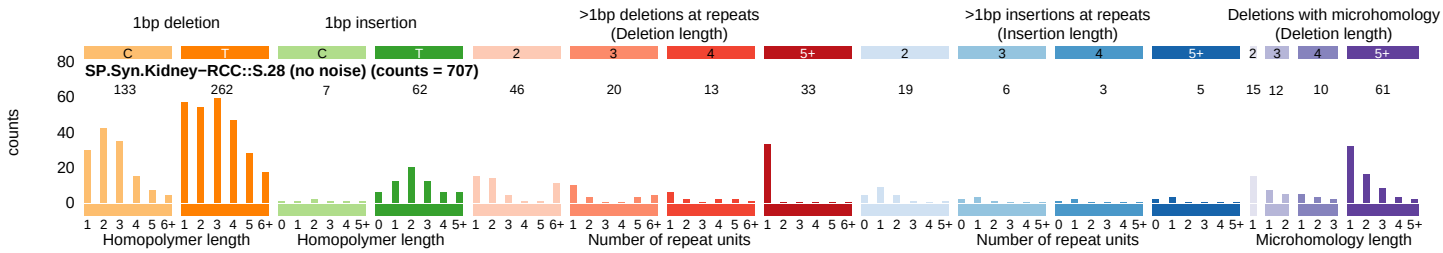

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.23 (no noise) (counts = 1054)
135 355 57 177 61 28 17 44 25 8 6 8 21 17 14 81
counts
Homopolymer length
Number of repeat units
Microhomology length

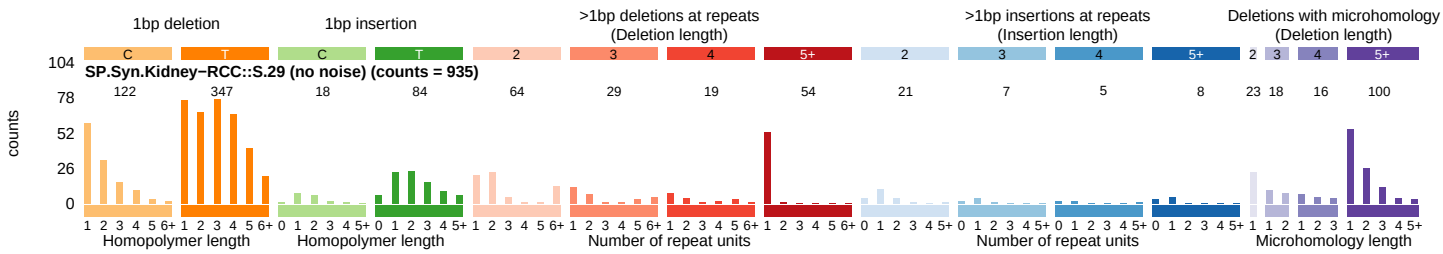

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.24 (no noise) (counts = 1091)
179 445 8 89 72 34 21 45 29 9 6 10 25 20 16 83
counts
Homopolymer length
Number of repeat units
Microhomology length

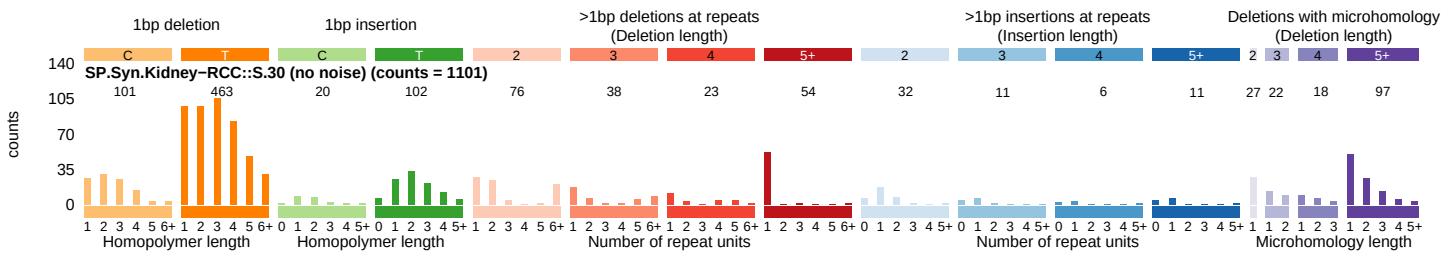

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.25 (no noise) (counts = 555)
66 222 15 63 34 16 11 24 16 5 3 5 12 10 9 44
counts
Homopolymer length
Number of repeat units
Microhomology length

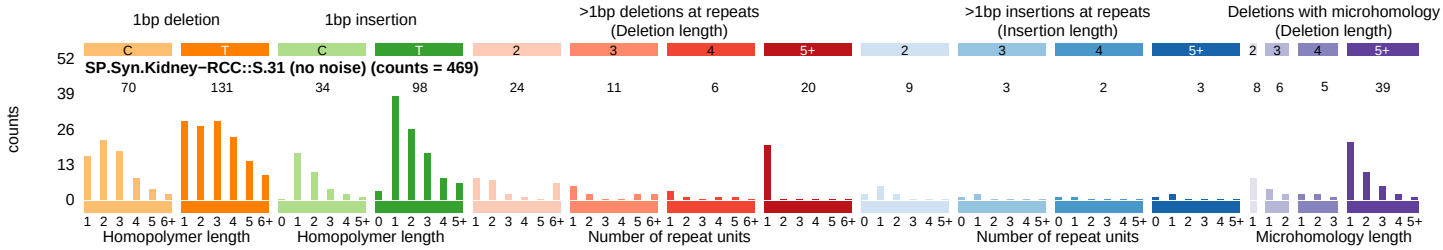

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.26 (no noise) (counts = 626)
78 225 14 60 34 16 11 44 15 4 3 5 12 11 9 85
counts
Homopolymer length
Number of repeat units
Microhomology length

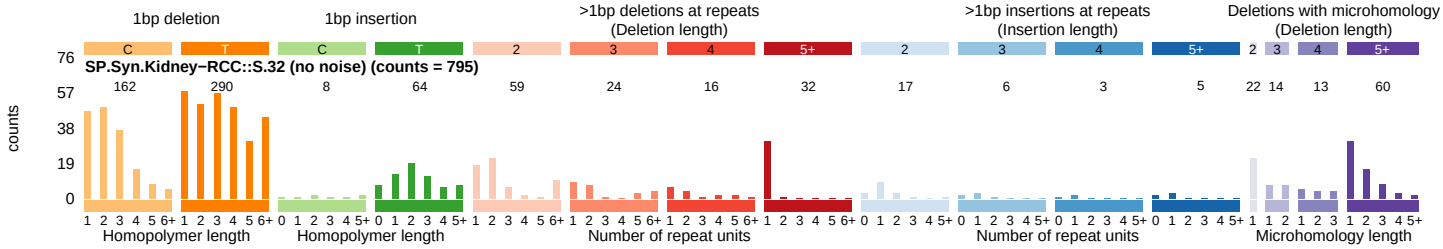

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.27 (no noise) (counts = 811)
169 240 29 131 41 16 12 38 16 5 3 5 13 11 9 73
counts
Homopolymer length
Number of repeat units
Microhomology length

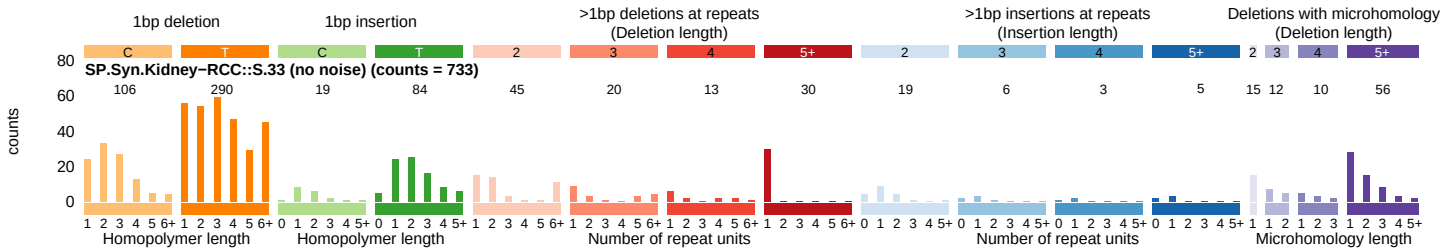

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.28 (no noise) (counts = 707)
133 262 7 62 46 20 13 33 19 6 3 5 15 12 10 61
counts
Homopolymer length
Number of repeat units
Microhomology length

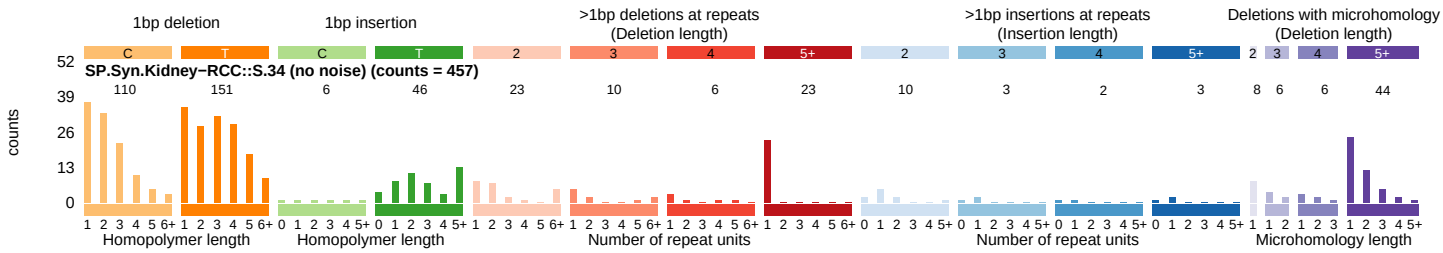

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.29 (no noise) (counts = 935)
122 347 18 84 64 29 19 54 21 7 5 8 23 18 16 100
counts
Homopolymer length
Number of repeat units
Microhomology length

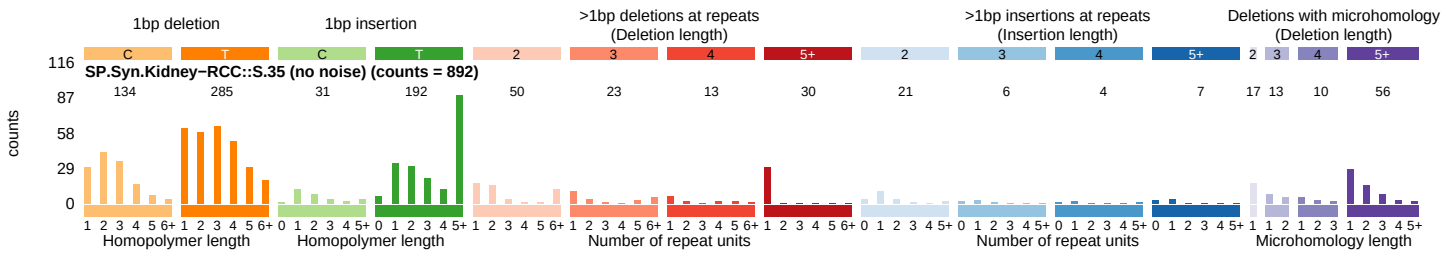

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.30 (no noise) (counts = 1101)
101 463 20 102 76 38 23 54 32 11 6 11 27 22 18 97
counts
Homopolymer length
Number of repeat units
Microhomology length

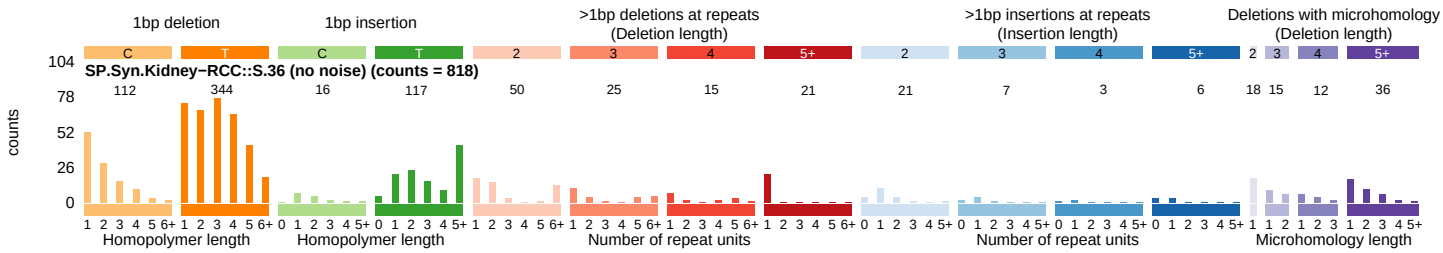

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.31 (no noise) (counts = 469)
70 131 34 98 24 11 6 20 9 3 2 3 8 6 5 39
counts
Homopolymer length
Number of repeat units
Microhomology length

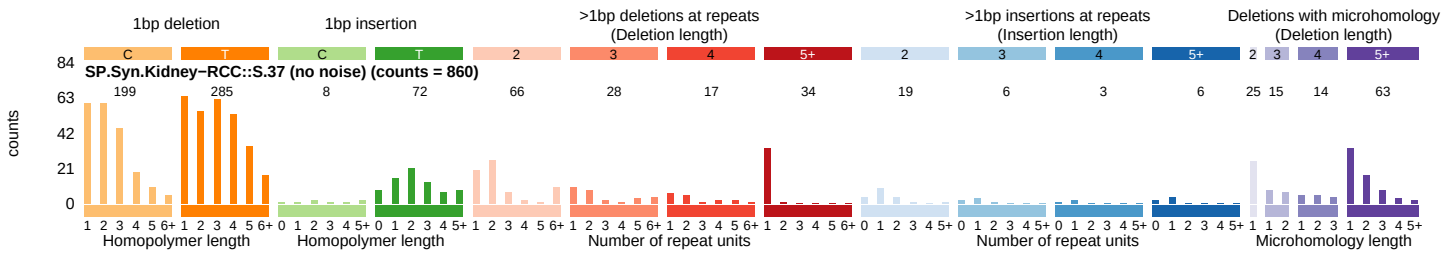

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.32 (no noise) (counts = 795)
162 290 8 64 59 24 16 32 17 6 3 5 22 14 13 60
counts
Homopolymer length
Number of repeat units
Microhomology length

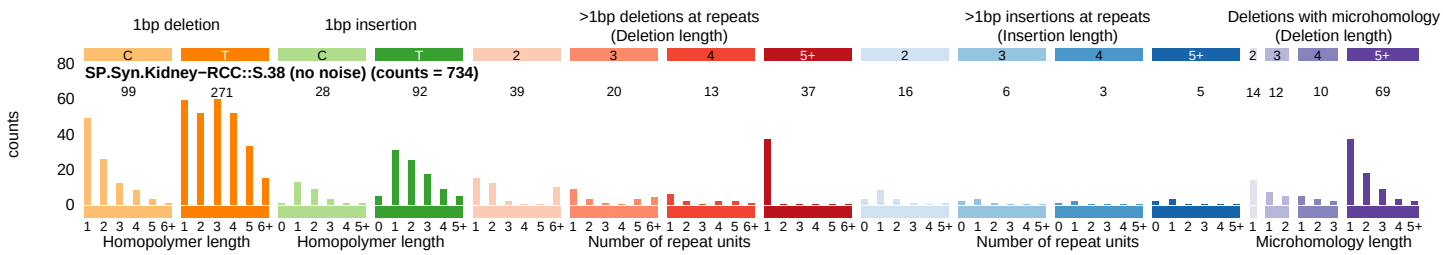

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.33 (no noise) (counts = 733)
106 290 19 84 45 20 13 30 19 6 3 5 15 12 10 56
counts
Homopolymer length
Number of repeat units
Microhomology length

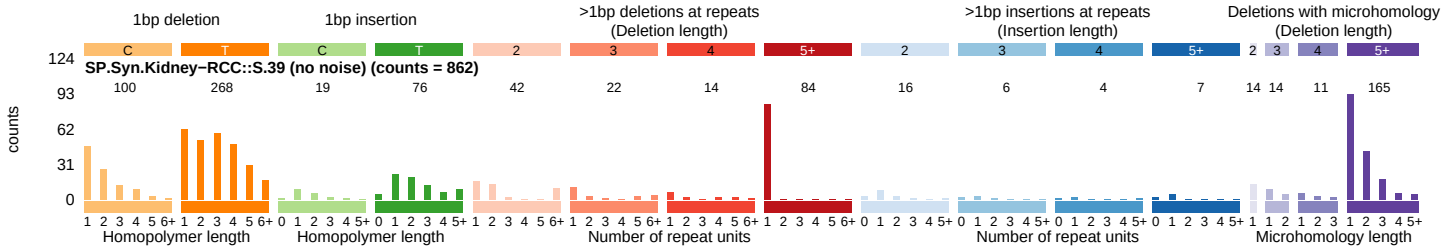

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.34 (no noise) (counts = 457)
110 151 6 46 23 10 6 23 10 3 2 3 8 6 6 44
counts
Homopolymer length
Number of repeat units
Microhomology length

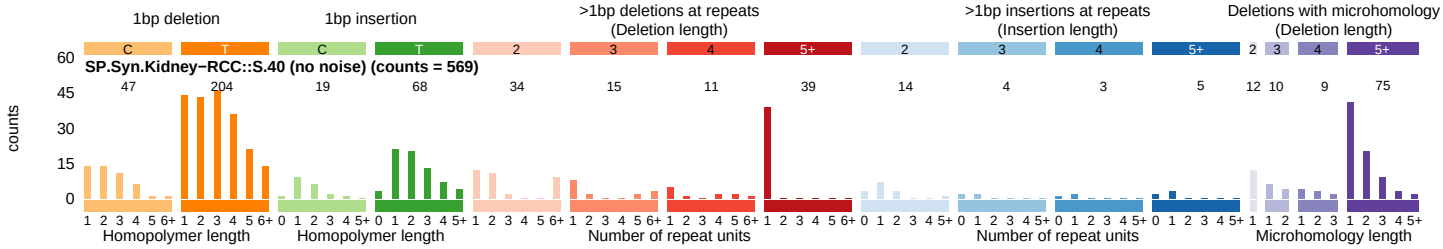

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.35 (no noise) (counts = 892)
134 285 31 192 50 23 13 30 21 6 4 7 17 13 10 56
counts
Homopolymer length
Number of repeat units
Microhomology length

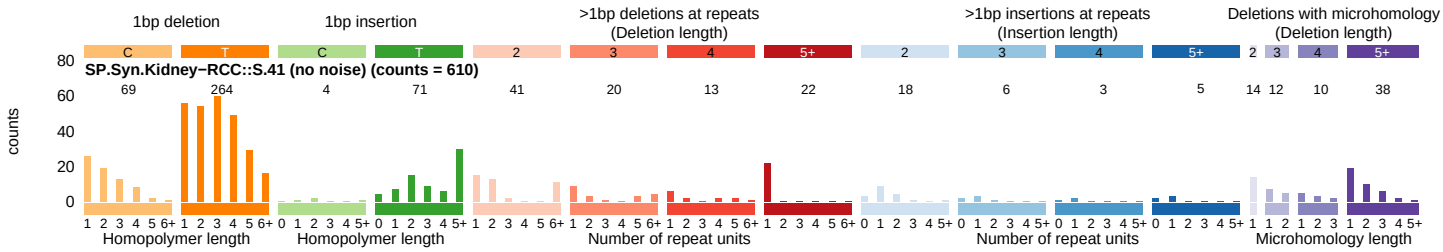

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.36 (no noise) (counts = 818)
112 344 16 117 50 25 15 21 21 7 3 6 18 15 12 36
counts
Homopolymer length
Number of repeat units
Microhomology length

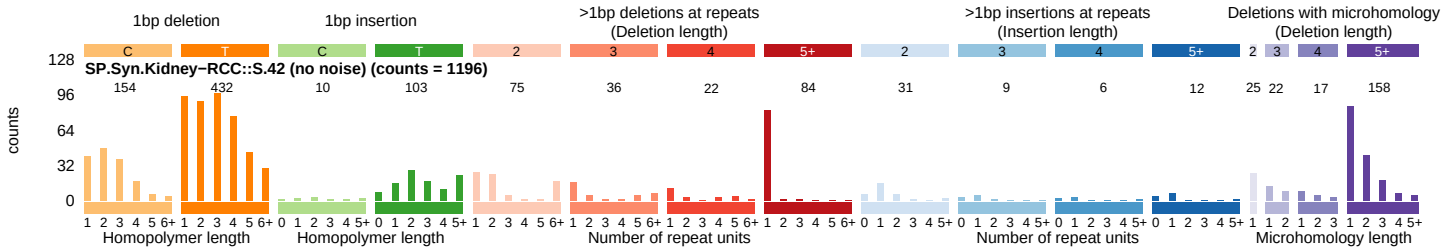

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.37 (no noise) (counts = 860)
199 285 8 72 66 28 17 34 19 6 3 6 25 15 14 63
counts
Homopolymer length
Number of repeat units
Microhomology length

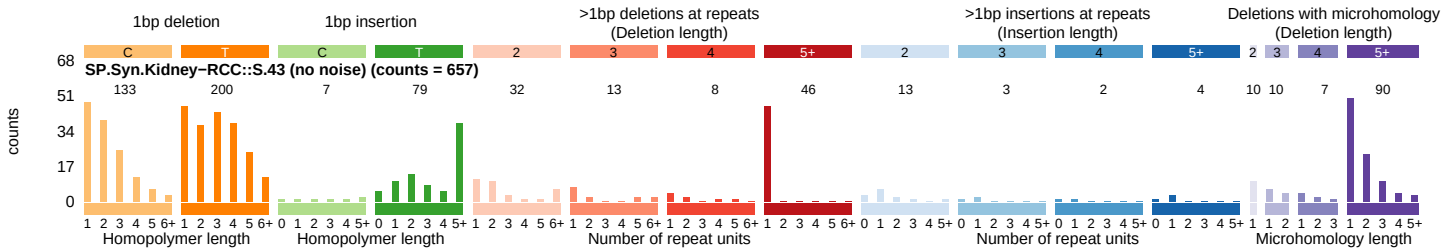

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.38 (no noise) (counts = 734)
99 271 28 92 39 20 13 37 16 6 3 5 14 12 10 69
counts
Homopolymer length
Number of repeat units
Microhomology length

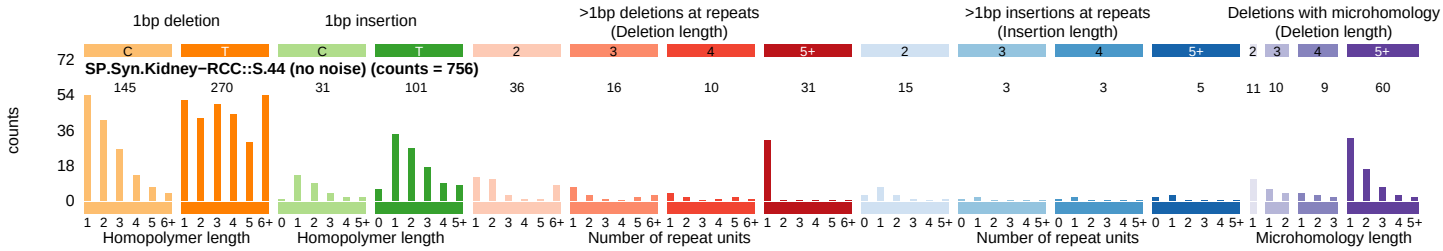

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.39 (no noise) (counts = 862)
counts
Homopolymer length
Number of repeat units
Microhomology length

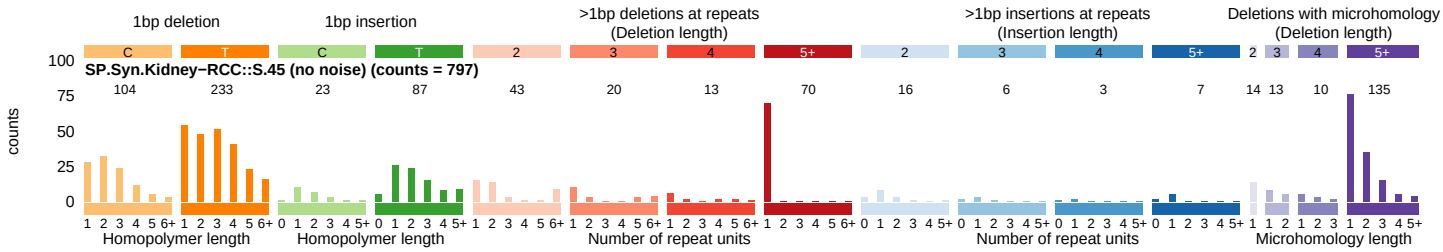

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.40 (no noise) (counts = 569)
counts
Homopolymer length
Number of repeat units
Microhomology length

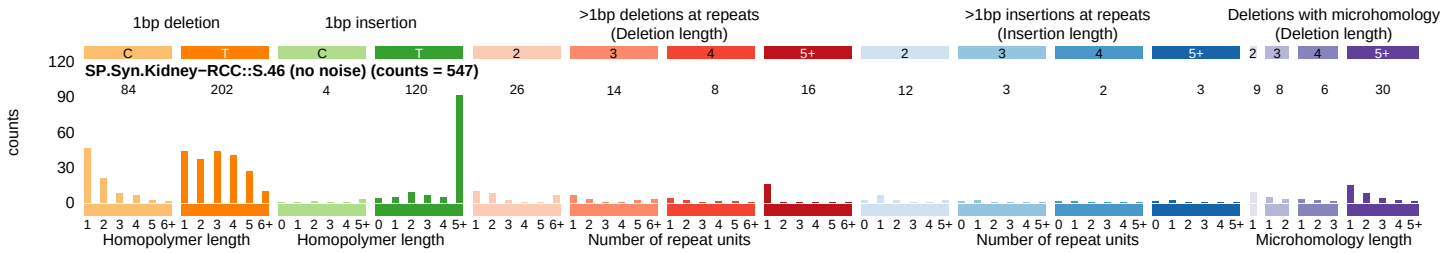

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.41 (no noise) (counts = 610)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.42 (no noise) (counts = 1196)
counts
Homopolymer length
Number of repeat units
Microhomology 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.43 (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.Kidney−RCC::S.44 (no noise) (counts = 756)
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 797)
counts
Homopolymer length
Number of repeat units
Microhomology length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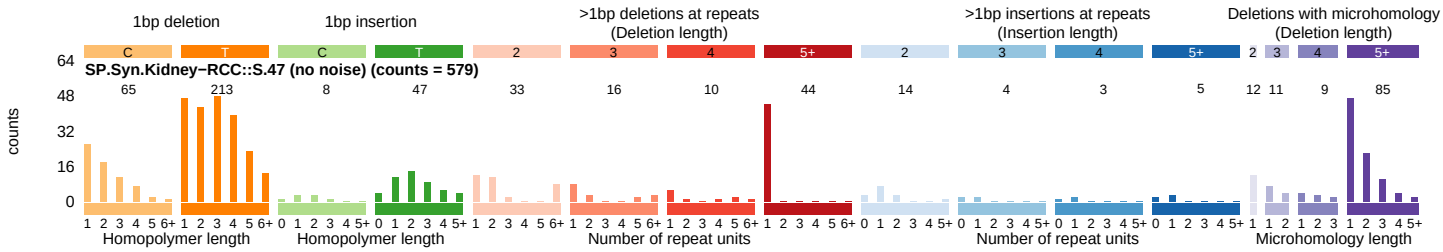
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.46 (no noise) (counts = 547)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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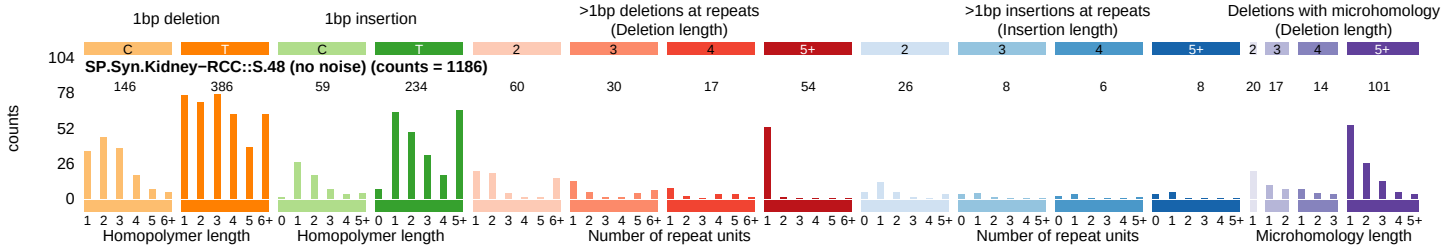
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.47 (no noise) (counts = 579)
65 213 8 47 33 16 10 44 14 4 3 5 12 11 9 85
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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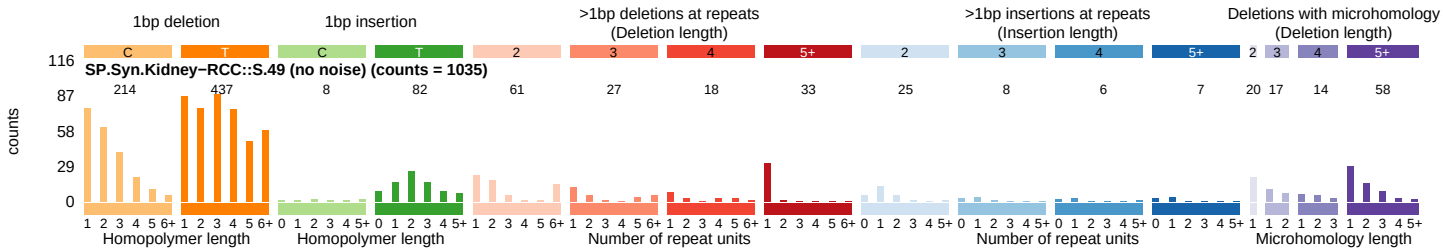
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.48 (no noise) (counts = 1186)
146 386 59 234 60 30 17 54 26 8 6 8 20 17 14 101
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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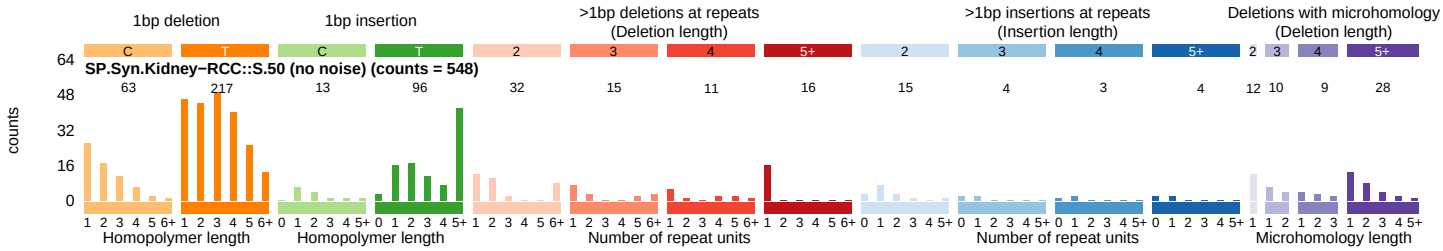
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.49 (no noise) (counts = 1035)
214 437 8 82 61 27 18 33 25 8 6 7 20 17 14 58
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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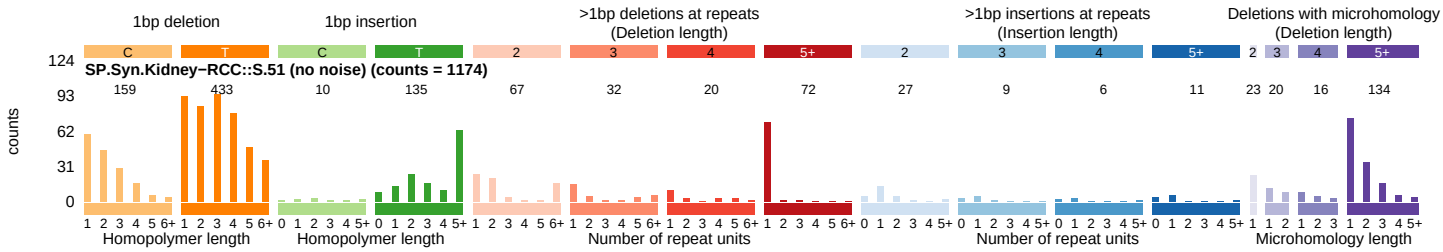
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.50 (no noise) (counts = 548)
63 217 13 96 32 15 11 16 15 4 3 4 12 10 9 28
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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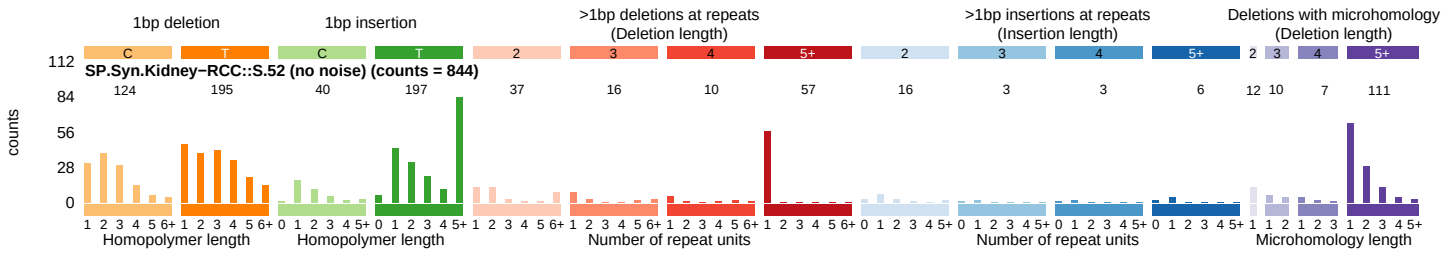
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.51 (no noise) (counts = 1174)
159 433 10 135 67 32 20 72 27 9 6 11 23 20 16 134
counts
Homopolymer length
Number of repeat units
Microhomology length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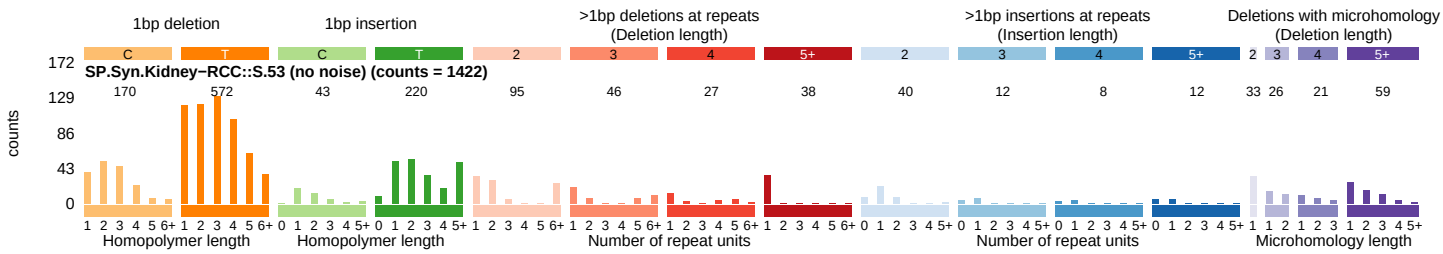
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.52 (no noise) (counts = 844)
124 195 40 197 37 16 10 57 16 3 3 6 12 10 7 111
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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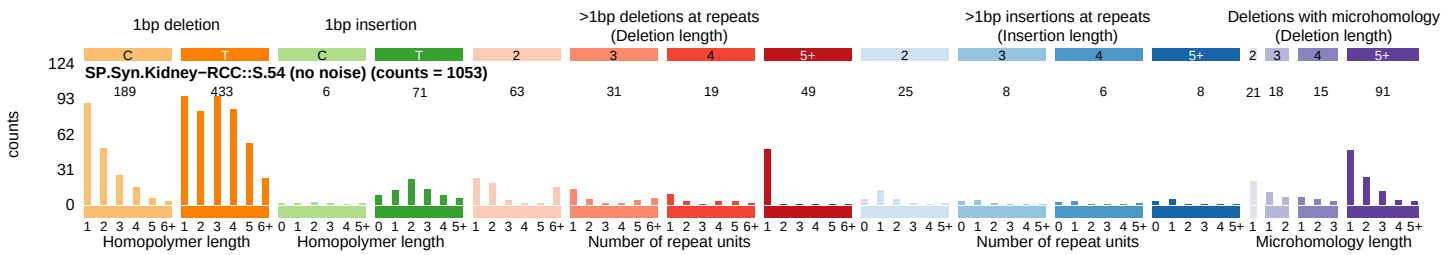
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.53 (no noise) (counts = 1422)
170 572 43 220 95 46 27 38 40 12 8 12 33 26 21 59
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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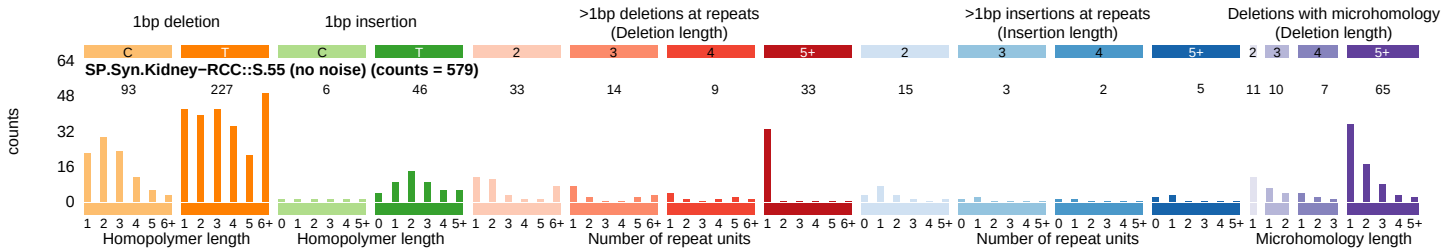
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.54 (no noise) (counts = 1053)
189 433 6 71 63 31 19 49 25 8 6 8 21 18 15 91
counts
Homopolymer length
Number of repeat units
Microhomology length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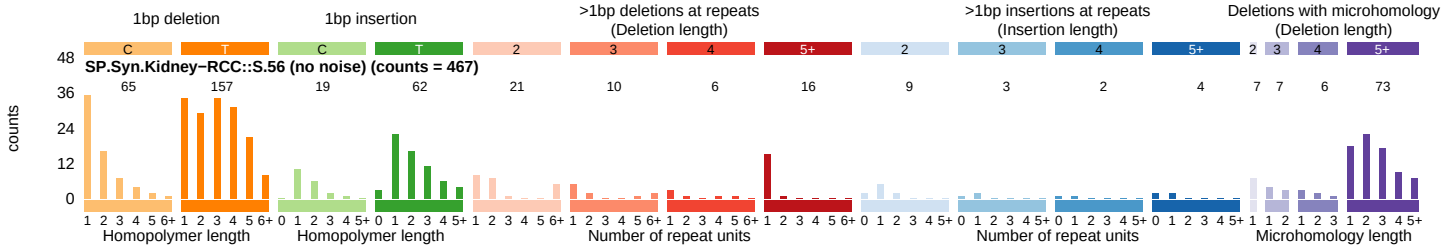
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.55 (no noise) (counts = 579)
93 227 6 46 33 14 9 33 15 3 2 5 11 10 7 65
counts
Homopolymer length
Number of repeat units
Microhomology length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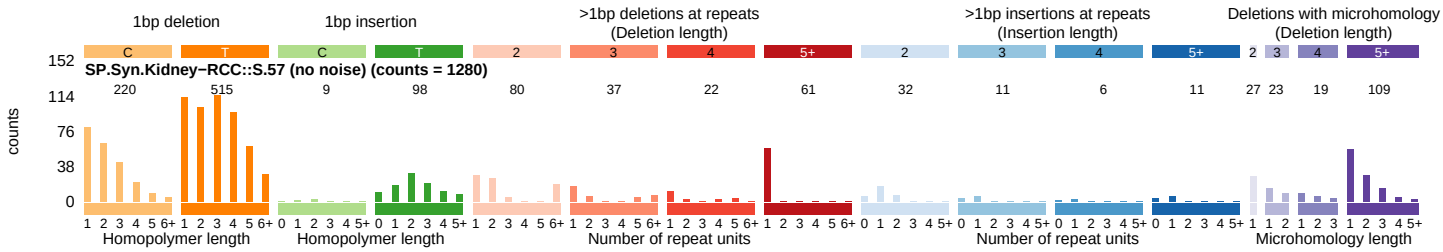
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.56 (no noise) (counts = 467)
65 157 19 62 21 10 6 16 9 3 2 4 7 7 6 73
counts
Homopolymer length
Number of repeat units
Microhomology length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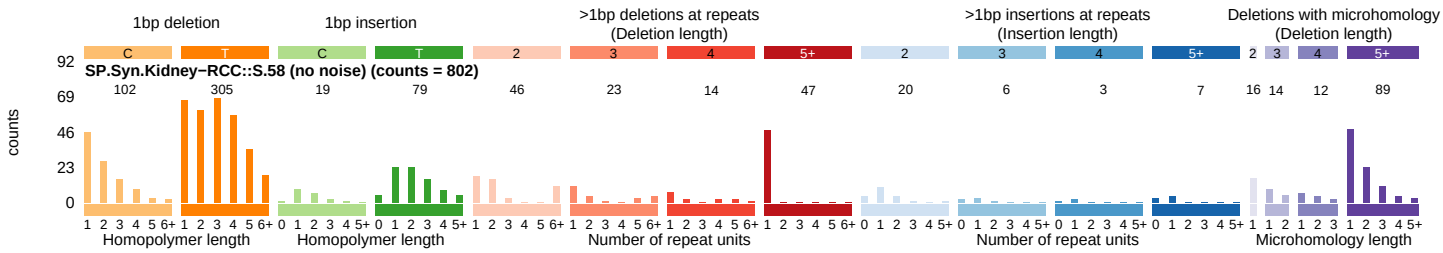
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.57 (no noise) (counts = 1280)
220 515 9 98 80 37 22 61 32 11 6 11 27 23 19 109
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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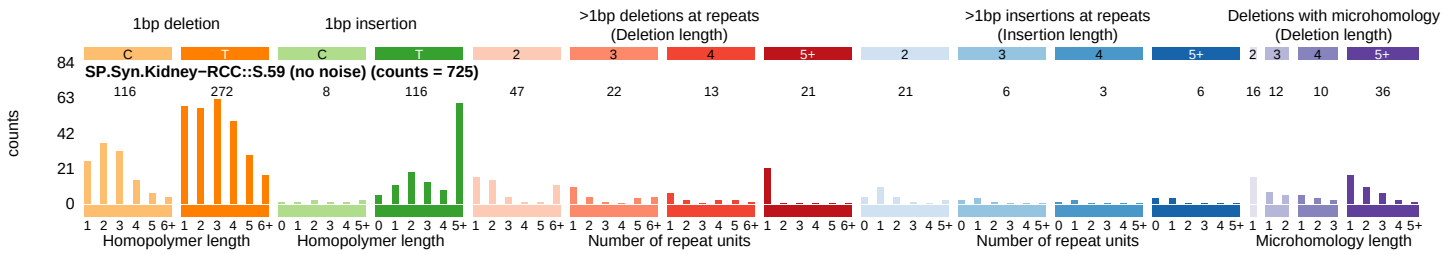
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.58 (no noise) (counts = 802)
102 305 19 79 46 23 14 47 20 6 3 7 16 14 12 89
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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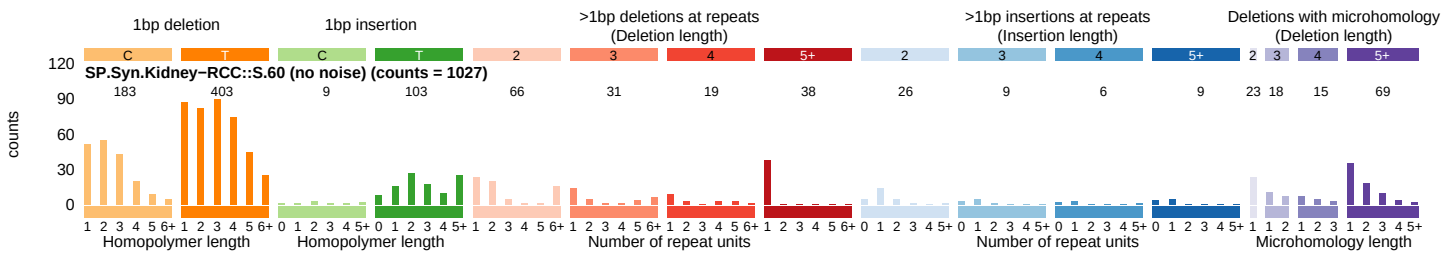
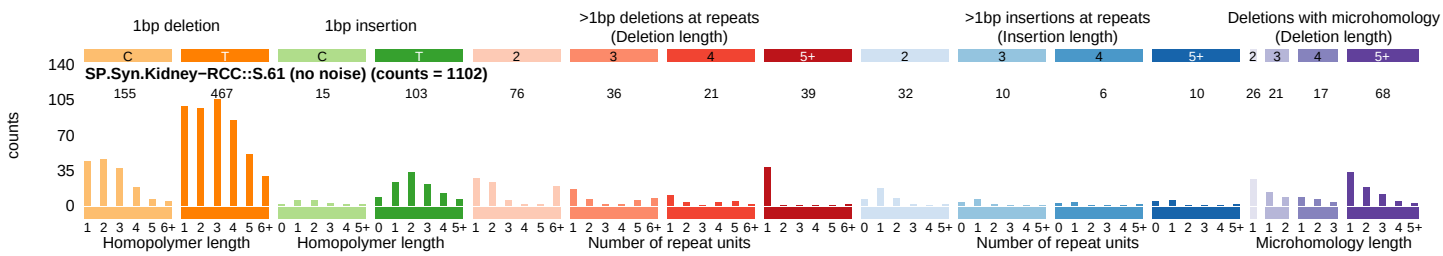
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.59 (no noise) (counts = 725)
116 272 8 116 47 22 13 21 21 6 3 6 16 12 10 36
counts
Homopolymer length
Number of repeat units
Microhomology length


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 = 1027)
183 403 9 103 66 31 19 38 26 9 6 9 23 18 15 69
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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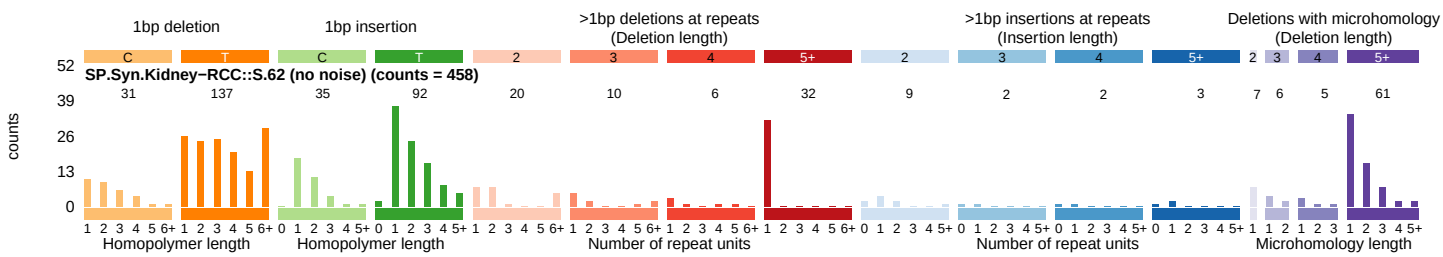
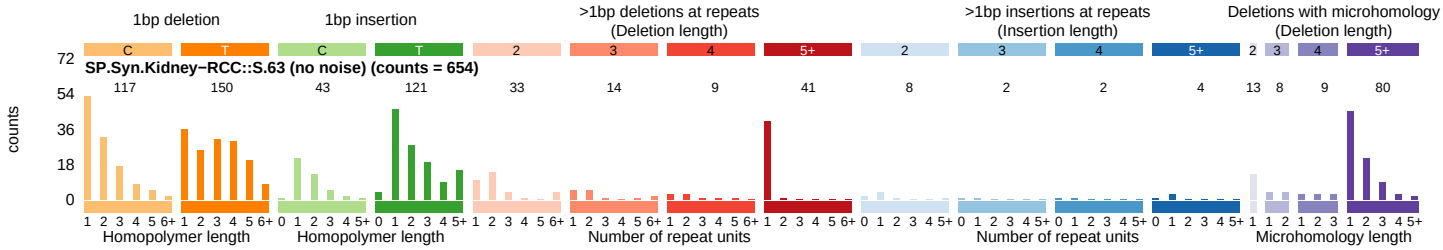
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.61 (no noise) (counts = 1102)
155 467 15 103 76 36 21 39 32 10 6 10 26 21 17 68
counts
Homopolymer length
Number of repeat units
Microhomology length


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.62 (no noise) (counts = 458)
31 137 35 92 20 10 6 32 9 2 2 3 7 6 5 61
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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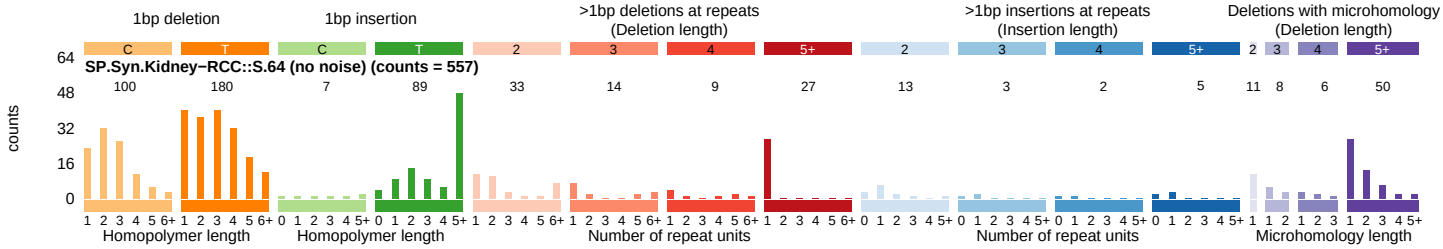
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.63 (no noise) (counts = 654)
117 150 43 121 33 14 9 41 8 2 2 4 13 8 9 80
counts
Homopolymer length
Number of repeat units
Microhomology length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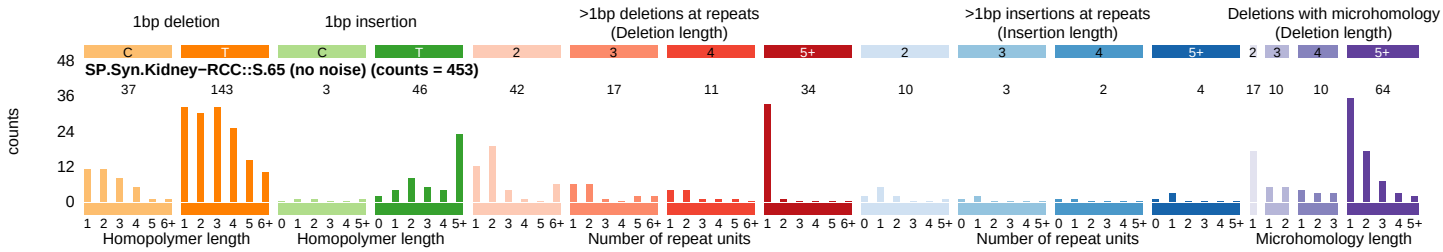
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.64 (no noise) (counts = 557)
100 180 7 89 33 14 9 27 13 3 2 5 11 8 6 50
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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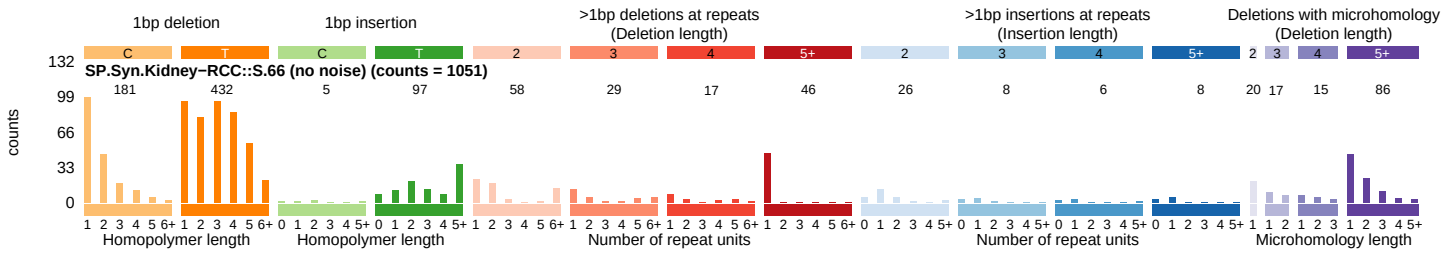
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.65 (no noise) (counts = 453)
37 143 3 46 42 17 11 34 10 3 2 4 17 10 10 64
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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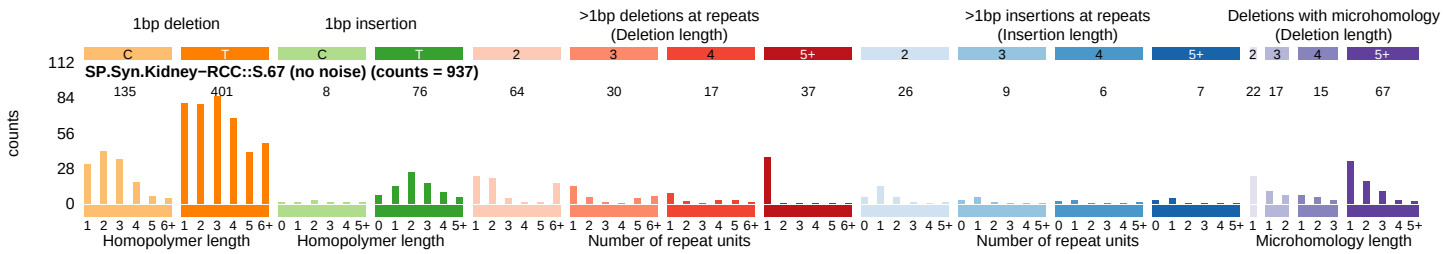
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.66 (no noise) (counts = 1051)
181 432 5 97 58 29 17 46 26 8 6 8 20 17 15 86
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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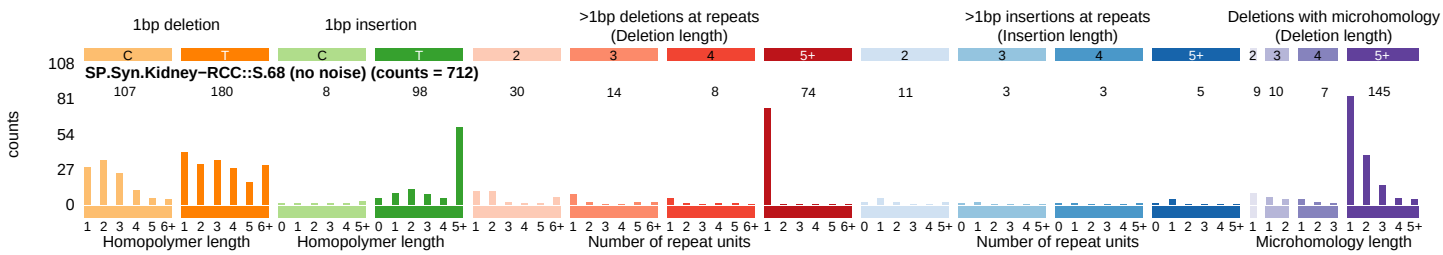
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.67 (no noise) (counts = 937)
135 401 8 76 64 30 17 37 26 9 6 7 22 17 15 67
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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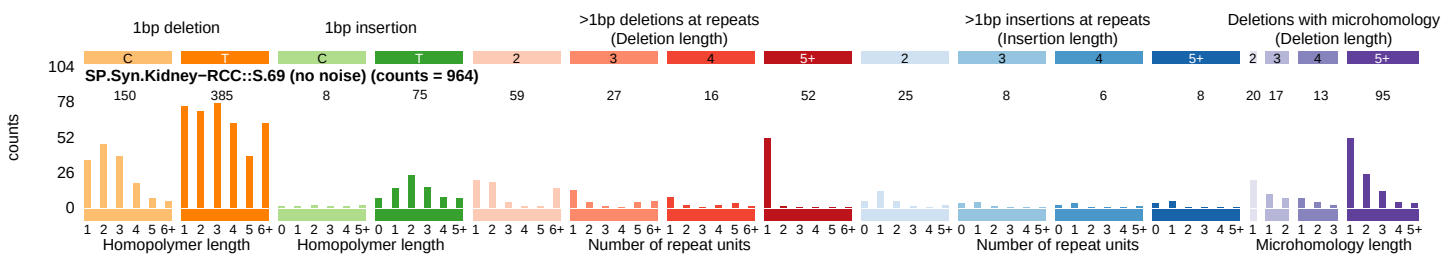
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.68 (no noise) (counts = 712)
107 180 8 98 30 14 8 74 11 3 3 5 9 10 7 145
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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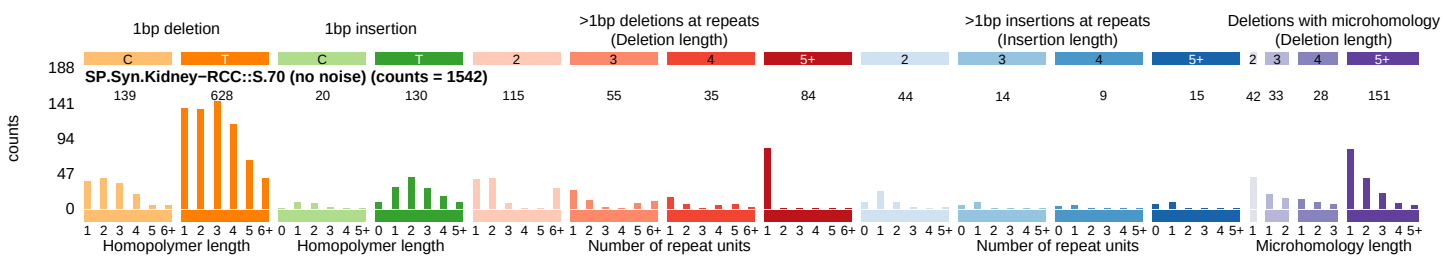
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.69 (no noise) (counts = 964)
150 385 8 75 59 27 16 52 25 8 6 8 20 17 13 95
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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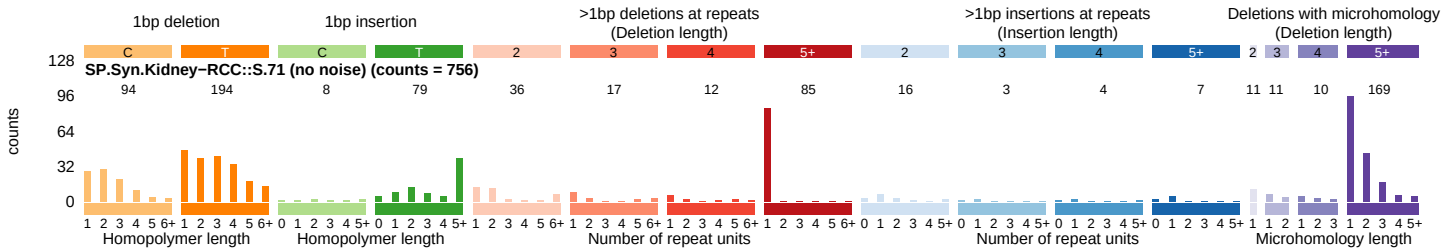
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.70 (no noise) (counts = 1542)
139 628 20 130 115 55 35 84 44 14 9 15 42 33 28 151
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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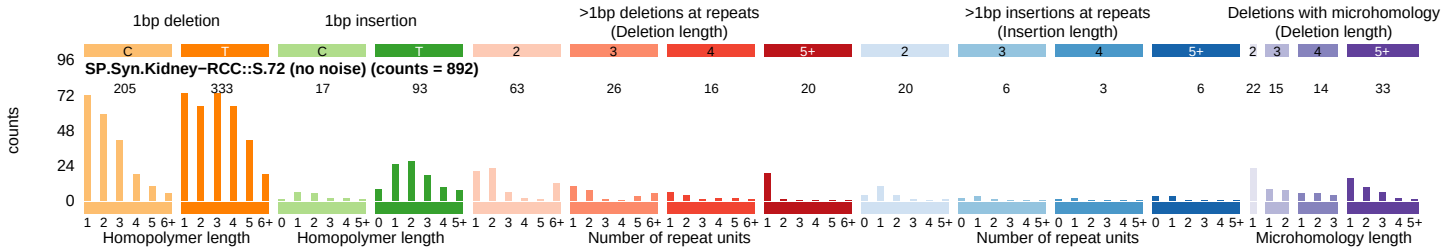
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.71 (no noise) (counts = 756)
94 194 8 79 36 17 12 85 16 3 4 7 11 11 10 169
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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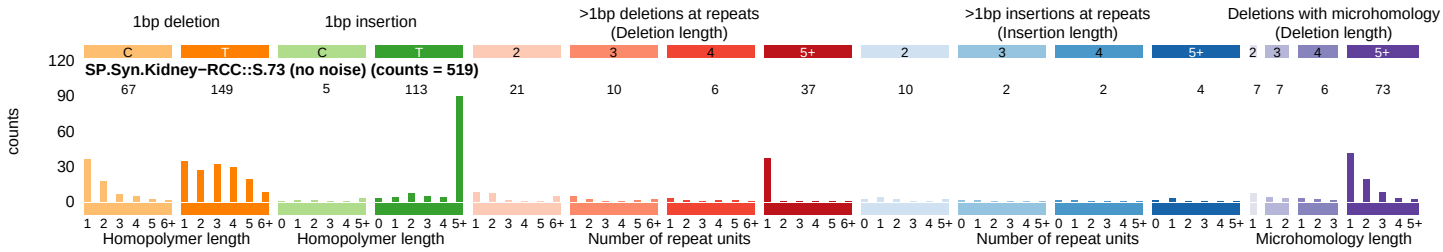
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.72 (no noise) (counts = 892)
205 333 17 93 63 26 16 20 20 6 3 6 22 15 14 33
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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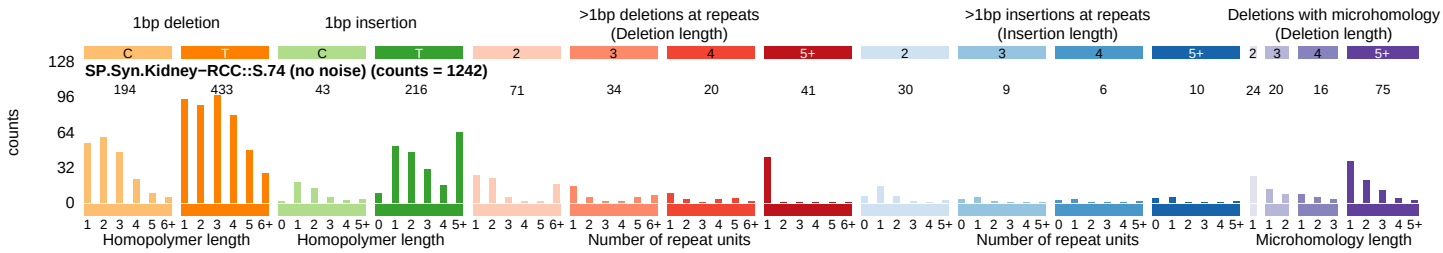
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.73 (no noise) (counts = 519)
67 149 5 113 21 10 6 37 10 2 2 4 7 7 6 73
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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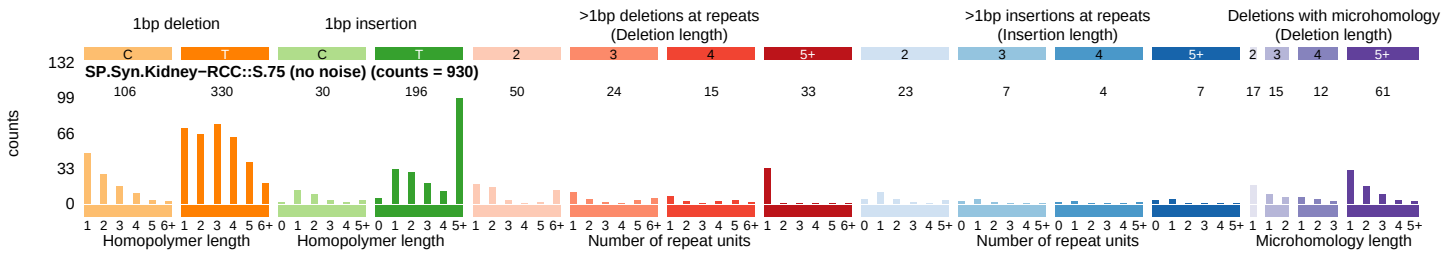
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.74 (no noise) (counts = 1242)
194 433 43 216 71 34 20 41 30 9 6 10 24 20 16 75
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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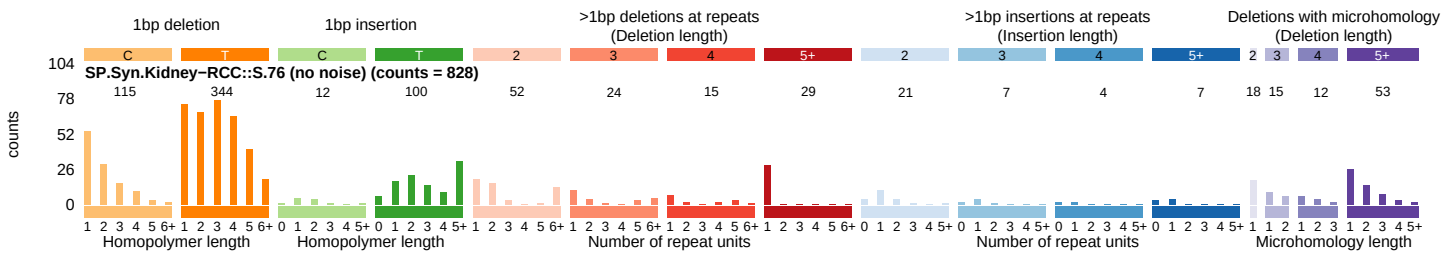
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.75 (no noise) (counts = 930)
106 330 30 196 50 24 15 33 23 7 4 7 17 15 12 61
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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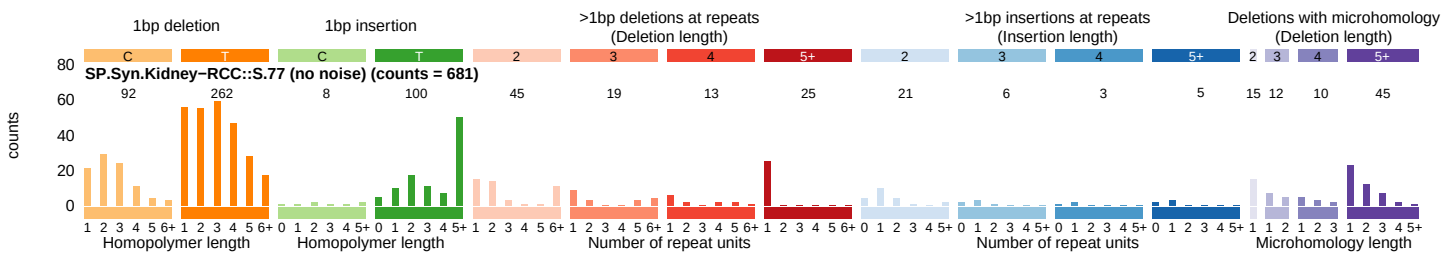
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.76 (no noise) (counts = 828)
115 344 12 100 52 24 15 29 21 7 4 7 18 15 12 53
counts
Homopolymer length
Number of repeat units
Microhomology length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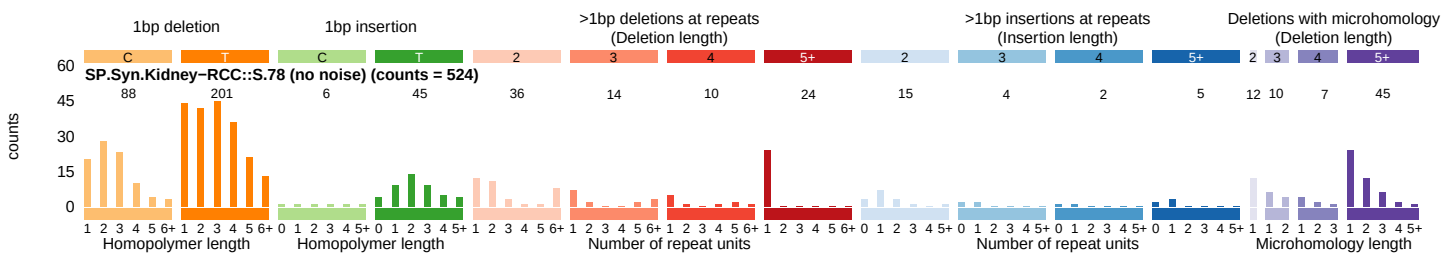
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.77 (no noise) (counts = 681)
92 262 8 100 45 19 13 25 21 6 3 5 15 12 10 45
counts
Homopolymer length
Number of repeat units
Microhomology length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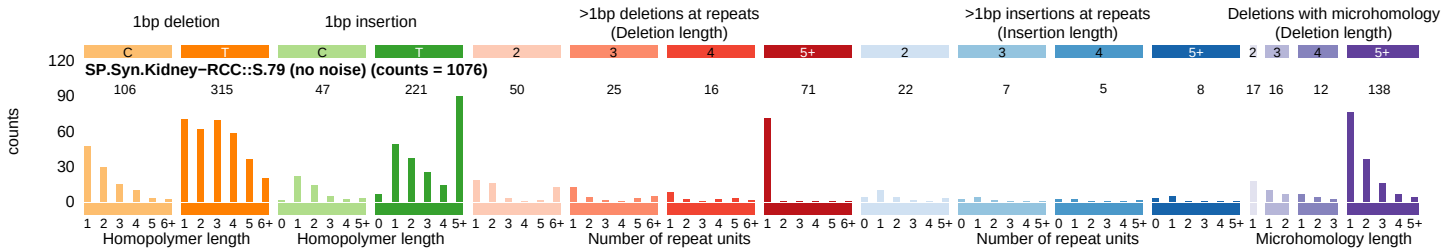
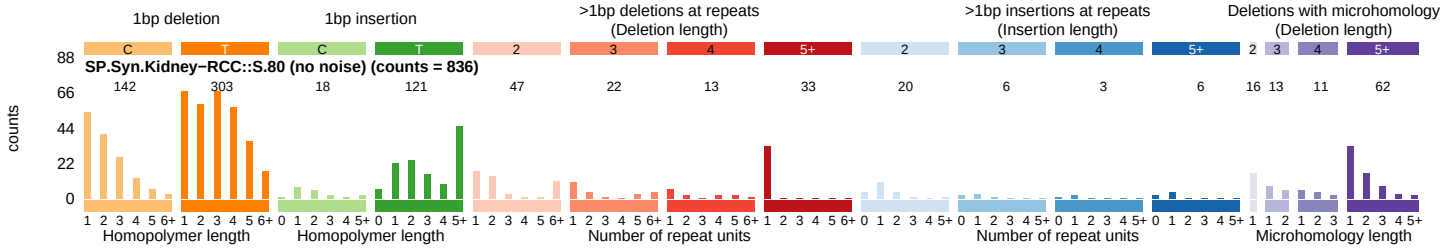
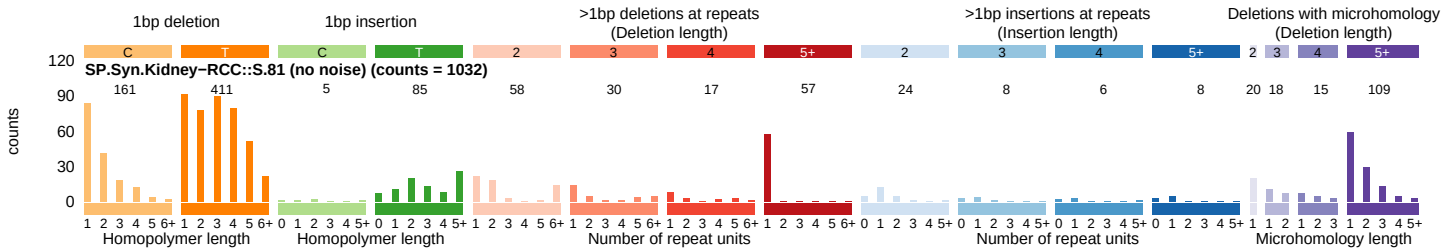
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.78 (no noise) (counts = 524)
88 201 6 45 36 14 10 24 15 4 2 5 12 10 7 45
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.79 (no noise) (counts = 1076)
106 315 47 221 50 25 16 71 22 7 5 8 17 16 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.Kidney−RCC::S.80 (no noise) (counts = 836)
142 303 18 121 47 22 13 33 20 6 3 6 16 13 11 62
counts
Homopolymer length
Number of repeat units
Microhomology length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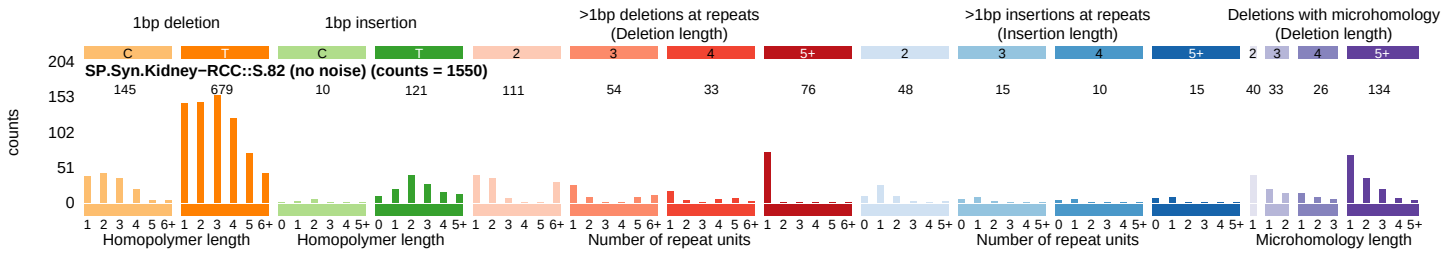
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.81 (no noise) (counts = 1032)
161 411 5 85 58 30 17 57 24 8 6 8 20 18 15 109
counts
Homopolymer length
Number of repeat units
Microhomology length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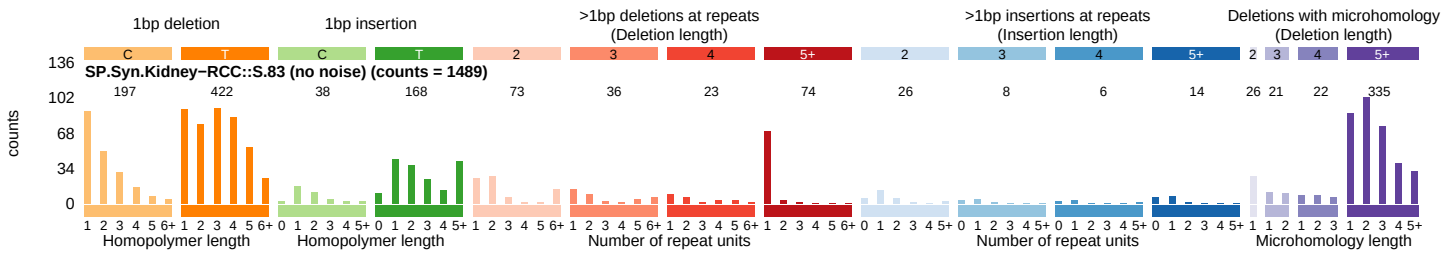
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.82 (no noise) (counts = 1550)
145 679 10 121 111 54 33 76 48 15 10 15 40 33 26 134
counts
Homopolymer length
Number of repeat units
Microhomology length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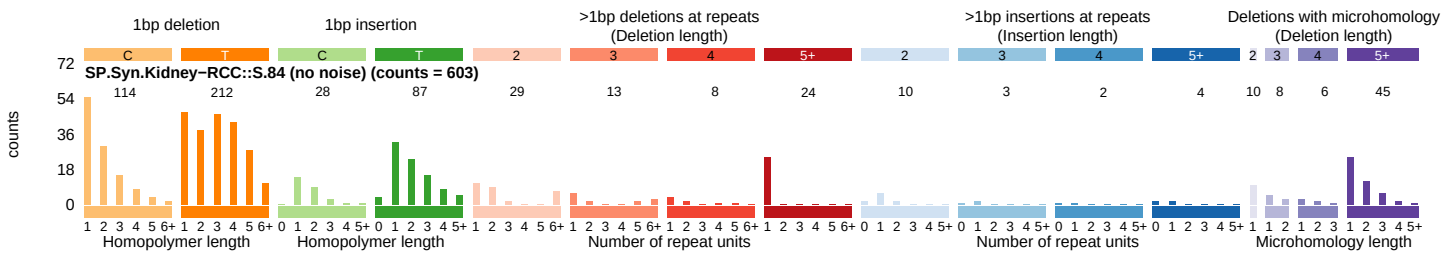
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.83 (no noise) (counts = 1489)
197 422 38 168 73 36 23 74 26 8 6 14 26 21 22 335
counts
Homopolymer length
Number of repeat units
Microhomology length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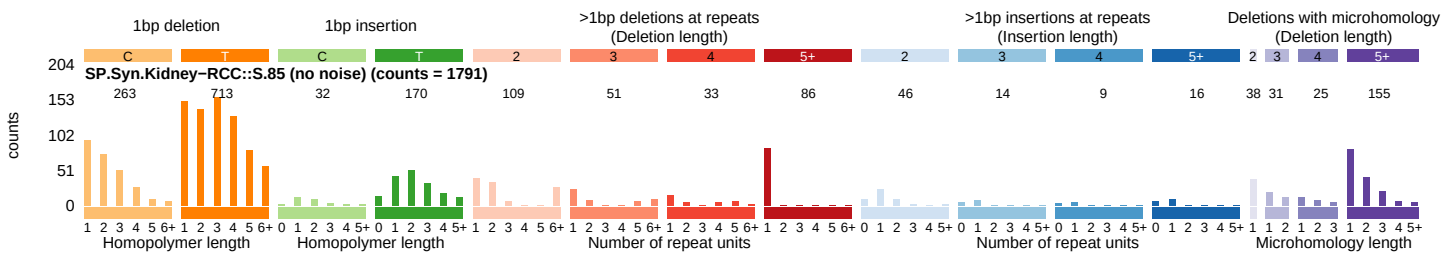
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.84 (no noise) (counts = 603)
114 212 28 87 29 13 8 24 10 3 2 4 10 8 6 45
counts
Homopolymer length
Number of repeat units
Microhomology length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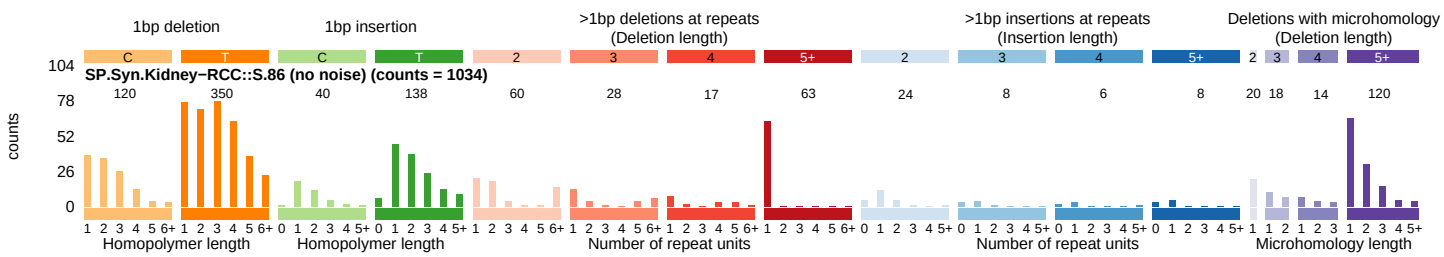
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.85 (no noise) (counts = 1791)
263 713 32 170 109 51 33 86 46 14 9 16 38 31 25 155
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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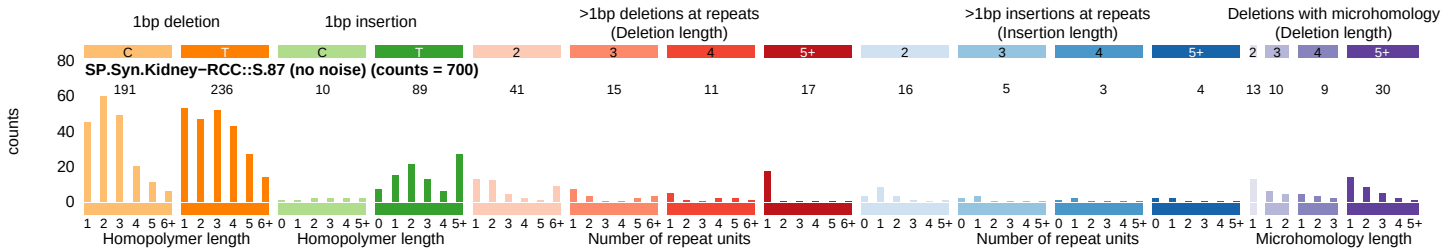
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.86 (no noise) (counts = 1034)
120 350 40 138 60 28 17 63 24 8 6 8 20 18 14 120
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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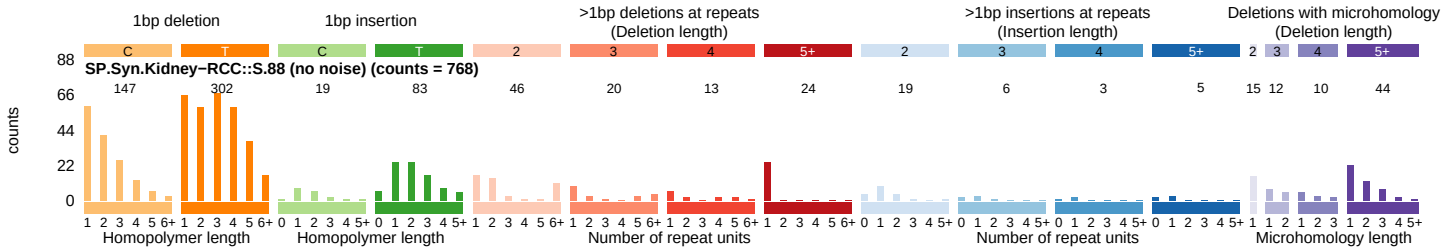
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.87 (no noise) (counts = 700)
191 236 10 89 41 15 11 17 16 5 3 4 13 10 9 30
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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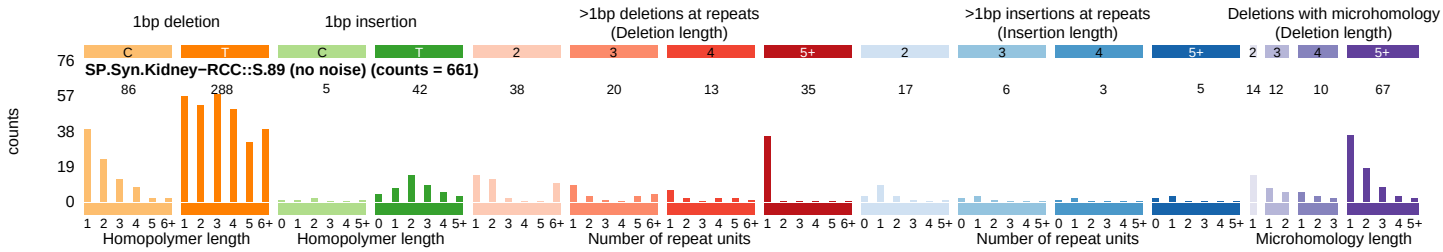
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.88 (no noise) (counts = 768)
147 302 19 83 46 20 13 24 19 6 3 5 15 12 10 44
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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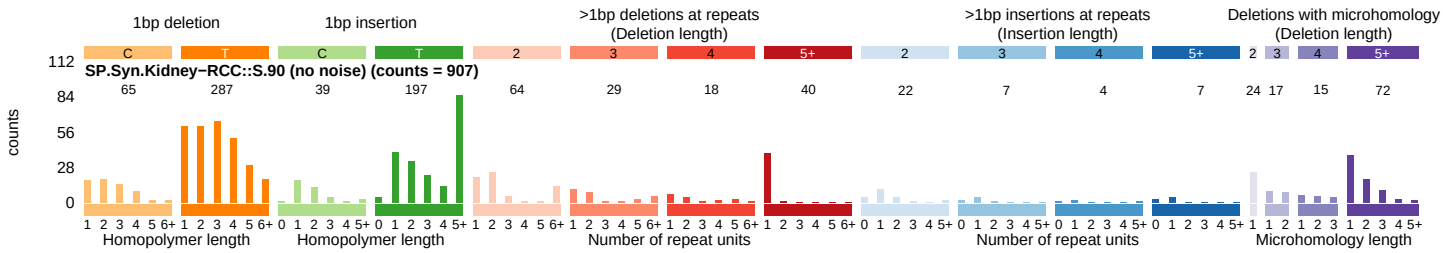
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.89 (no noise) (counts = 661)
86 288 5 42 38 20 13 35 17 6 3 5 14 12 10 67
counts
Homopolymer length
Number of repeat units
Microhomology length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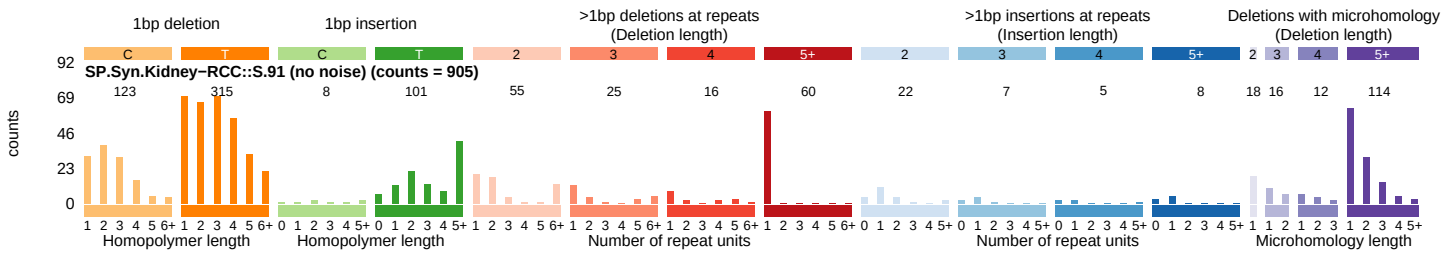
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.90 (no noise) (counts = 907)
65 287 39 197 64 29 18 40 22 7 4 7 24 17 15 72
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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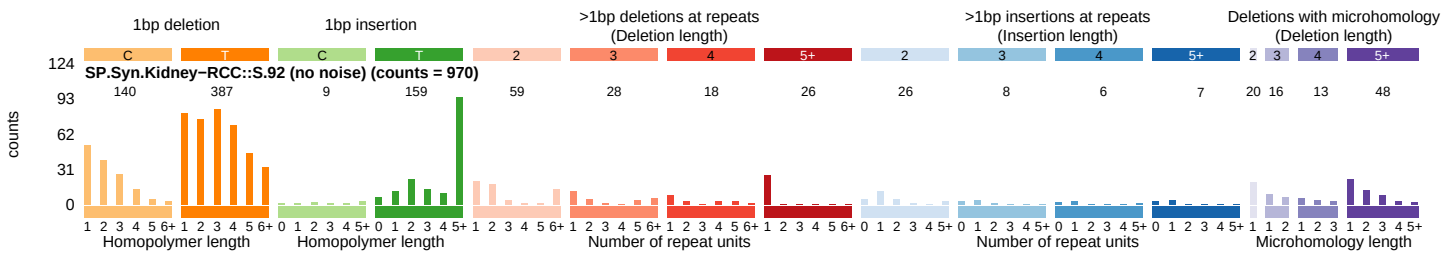
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.91 (no noise) (counts = 905)
123 315 8 101 55 25 16 60 22 7 5 8 18 16 12 114
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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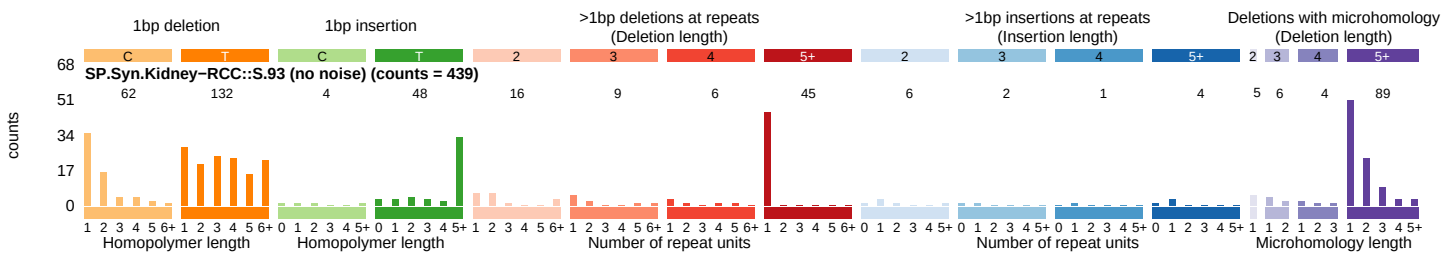
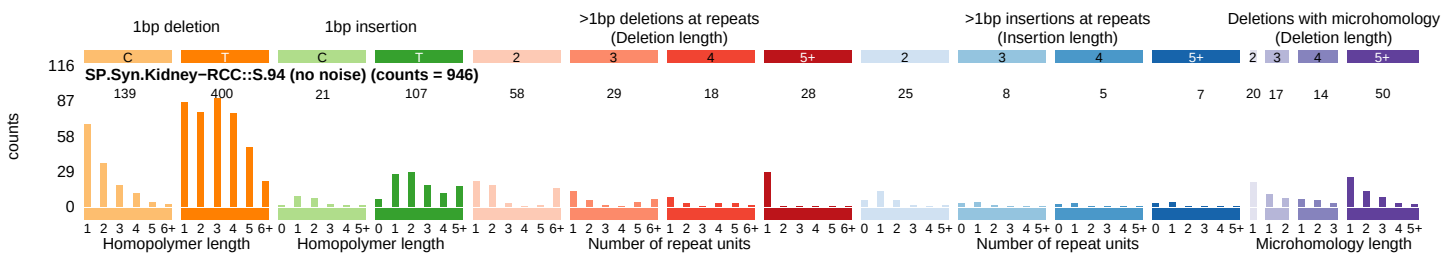
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.92 (no noise) (counts = 970)
140 387 9 159 59 28 18 26 26 8 6 7 20 16 13 48
counts
Homopolymer length
Number of repeat units
Microhomology length


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.93 (no noise) (counts = 439)
62 132 4 48 16 9 6 45 6 2 1 4 5 6 4 89
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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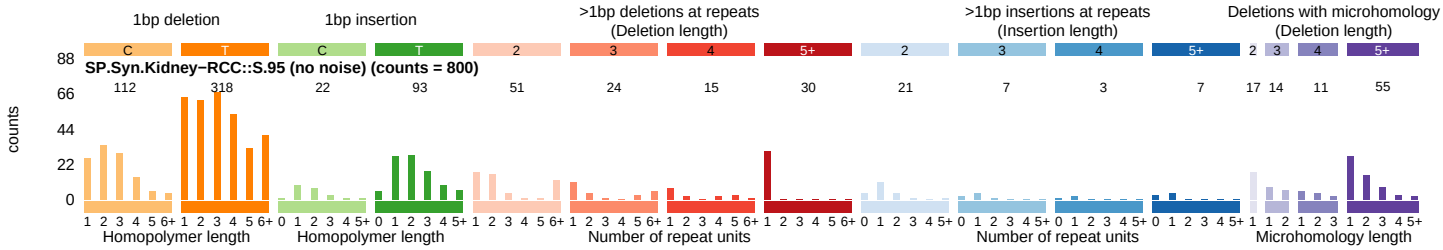
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.94 (no noise) (counts = 946)
139 400 21 107 58 29 18 28 25 8 5 7 20 17 14 50
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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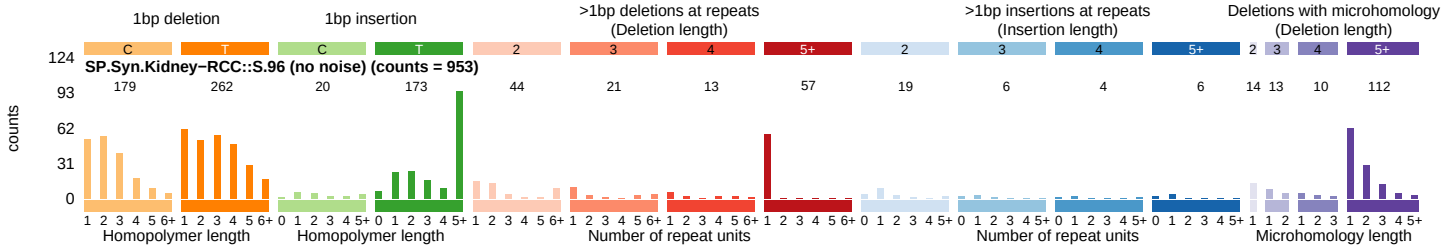
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.95 (no noise) (counts = 800)
112 318 22 93 51 24 15 30 21 7 3 7 17 14 11 55
counts
Homopolymer length
Number of repeat units
Microhomology length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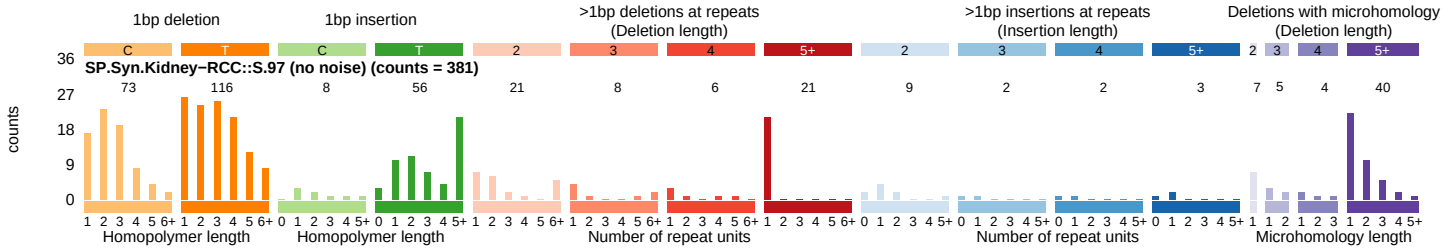
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.96 (no noise) (counts = 953)
179 262 20 173 44 21 13 57 19 6 4 6 14 13 10 112
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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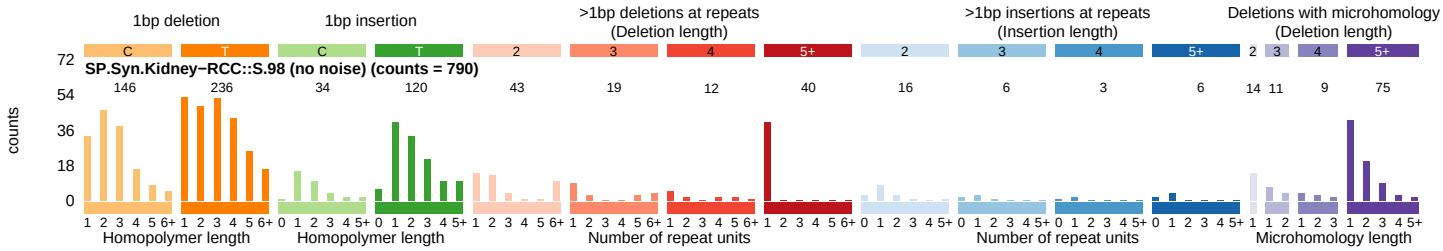
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.97 (no noise) (counts = 381)
73 116 8 56 21 8 6 21 9 2 2 3 7 5 4 40
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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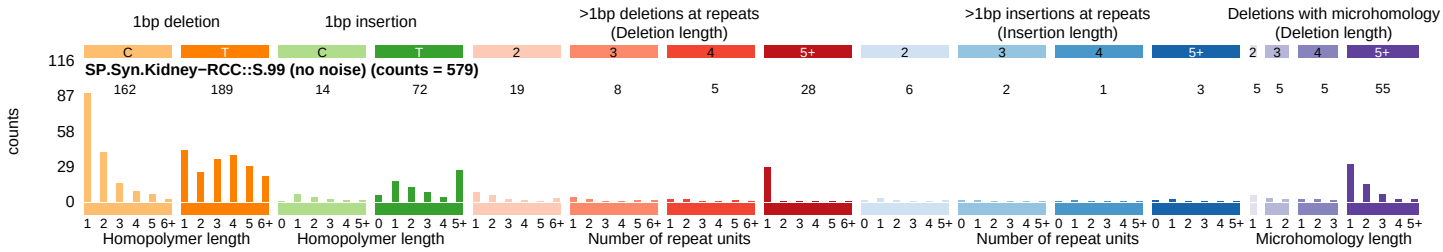
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.98 (no noise) (counts = 790)
146 236 34 120 43 19 12 40 16 6 3 6 14 11 9 75
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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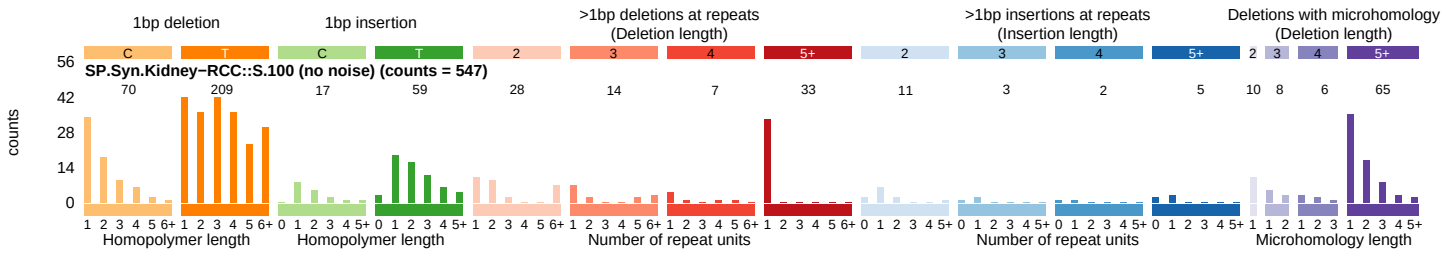
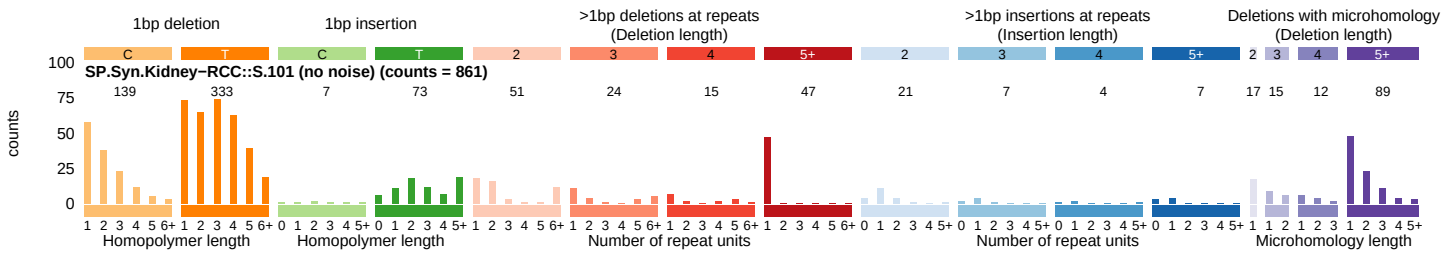
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.99 (no noise) (counts = 579)
162 189 14 72 19 8 5 28 6 2 1 3 5 5 5 55
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.100 (no noise) (counts = 547)
70 209 17 59 28 14 7 33 11 3 2 5 10 8 6 65
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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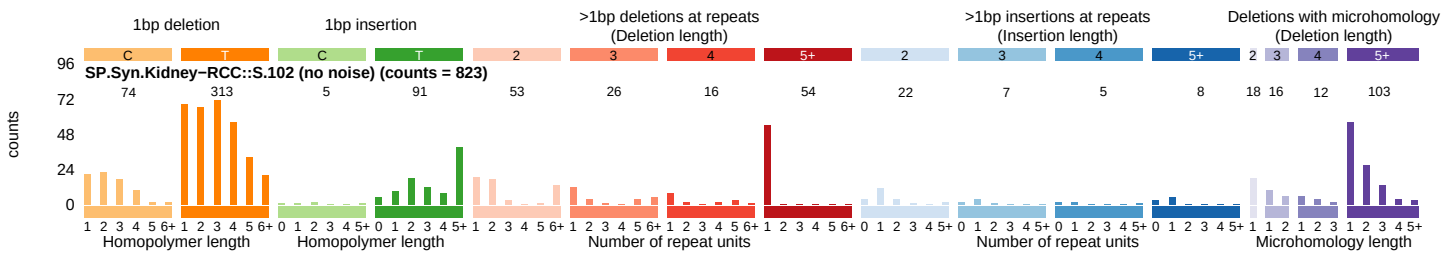
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.101 (no noise) (counts = 861)
139 333 7 73 51 24 15 47 21 7 4 7 17 15 12 89
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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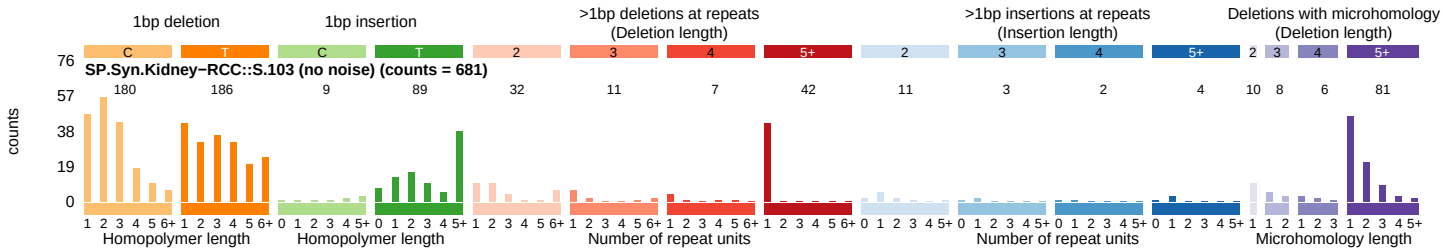
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.102 (no noise) (counts = 823)
74 313 5 91 53 26 16 54 22 7 5 8 18 16 12 103
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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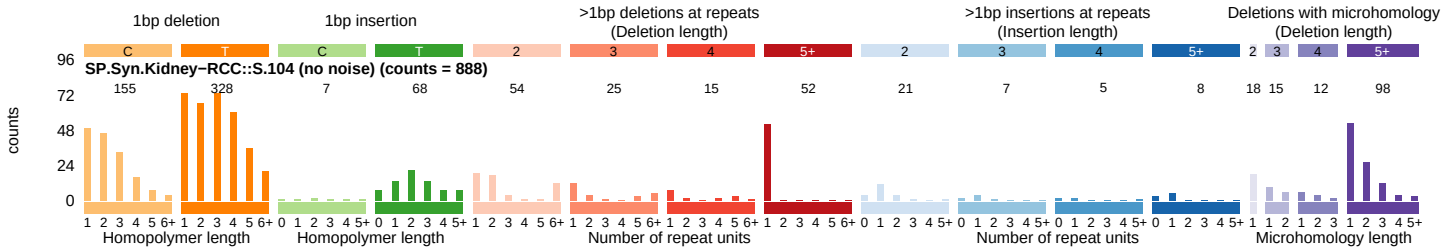
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.103 (no noise) (counts = 681)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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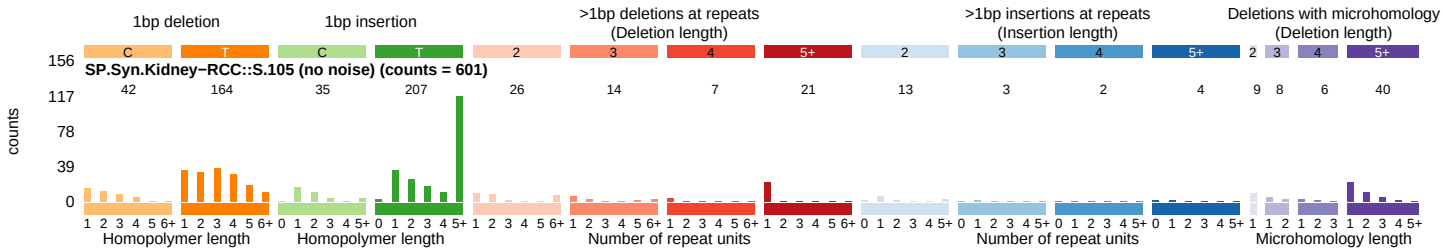
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.104 (no noise) (counts = 888)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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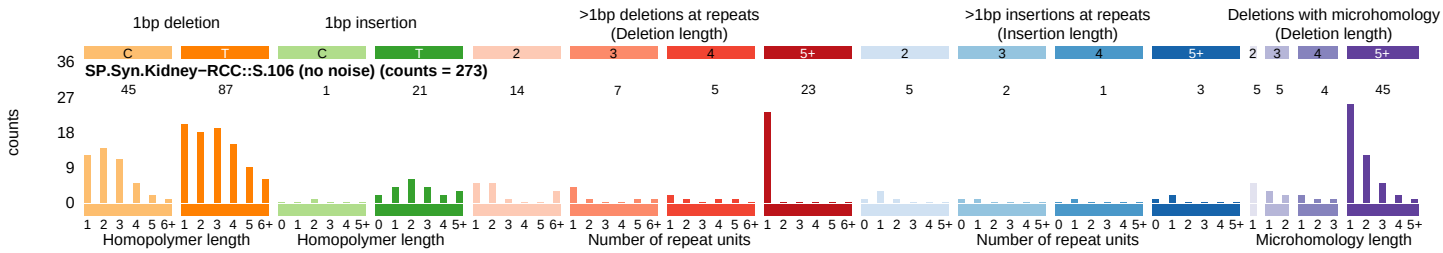
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.105 (no noise) (counts = 601)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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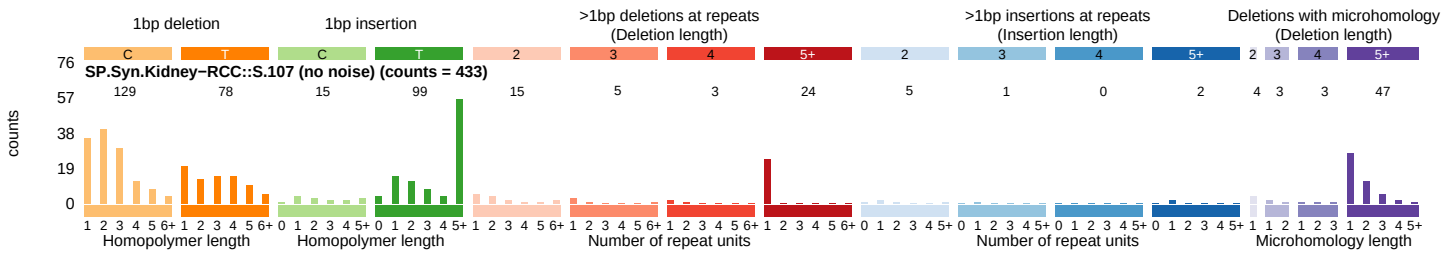
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.106 (no noise) (counts = 273)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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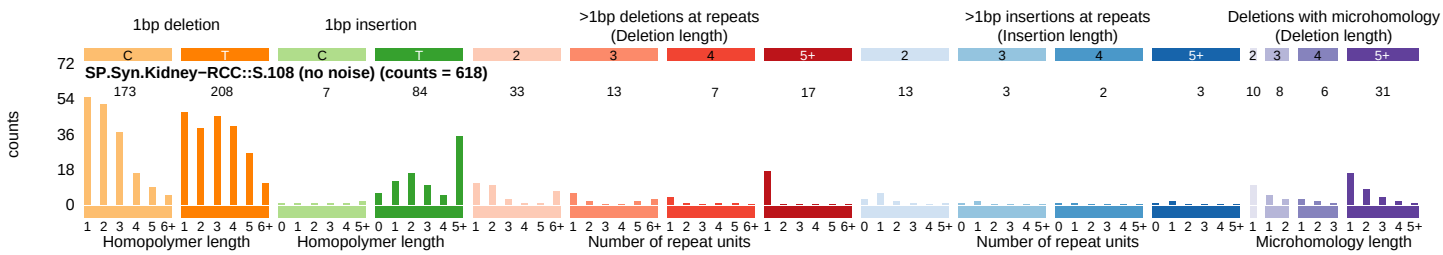
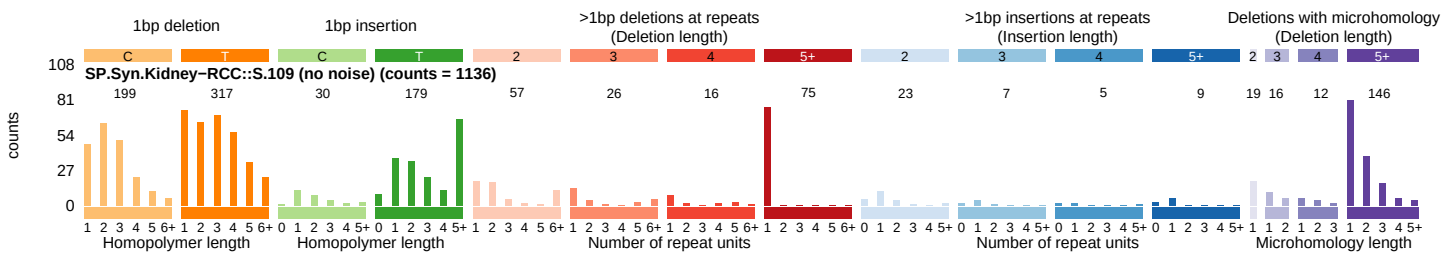
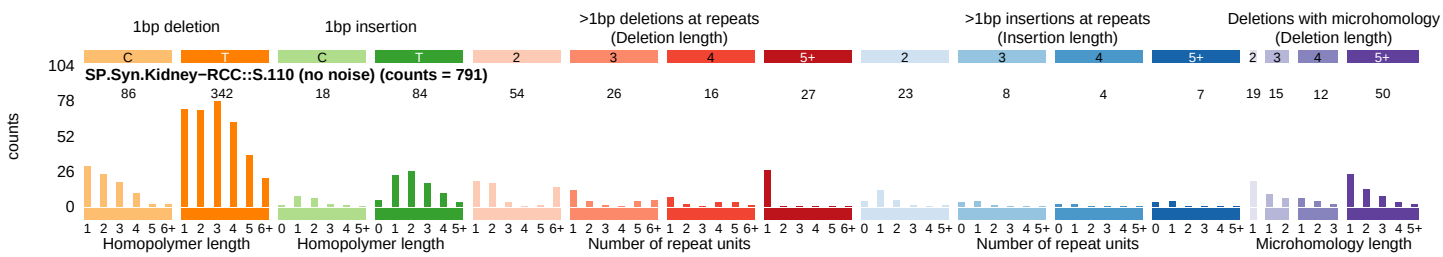
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.107 (no noise) (counts = 433)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 = 618)
counts
Homopolymer length
Number of repeat units
Microhomology 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.109 (no noise) (counts = 1136)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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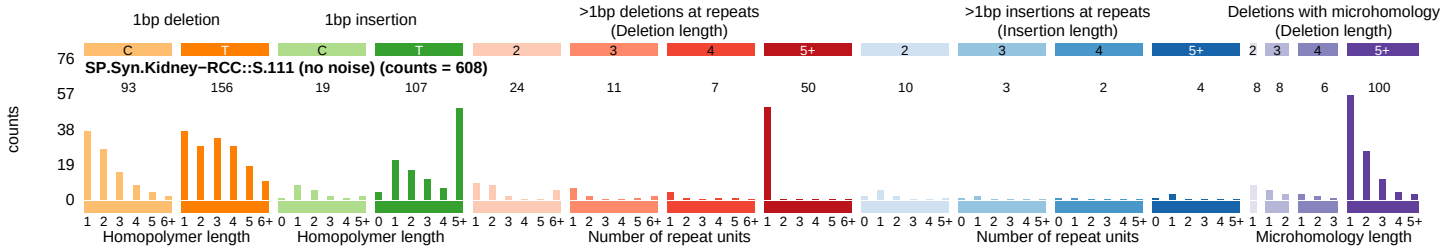
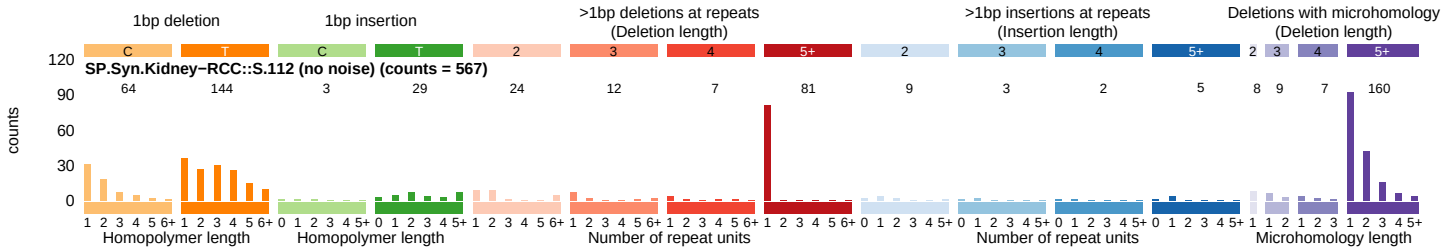
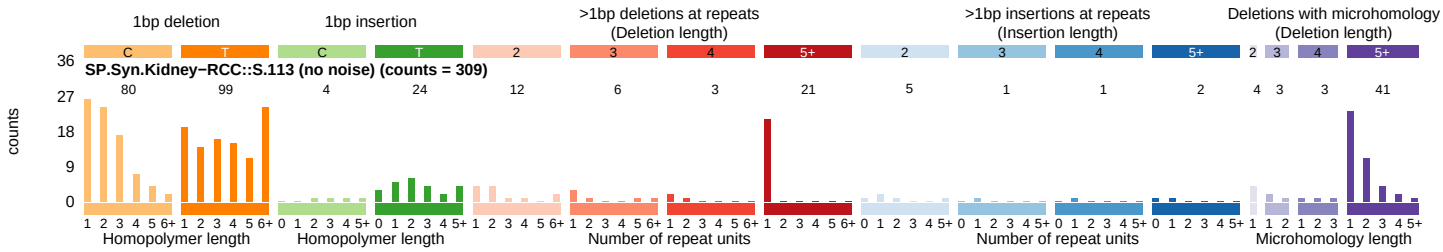
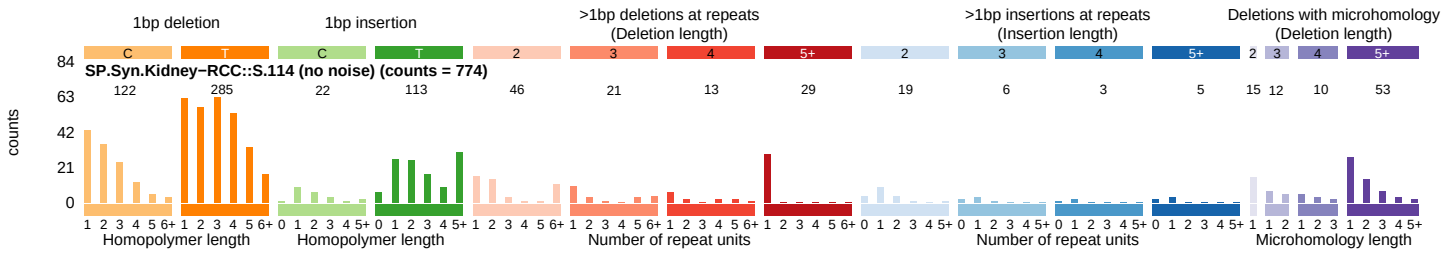
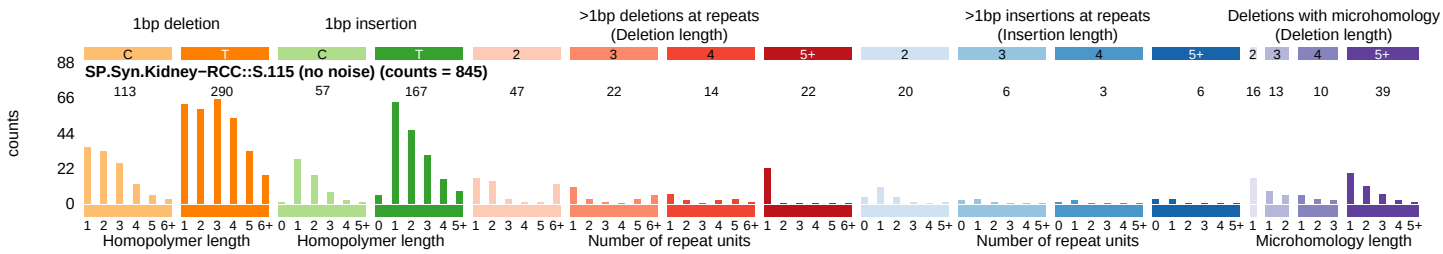
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.110 (no noise) (counts = 791)
counts
Homopolymer length
Number of repeat units
Microhomology length

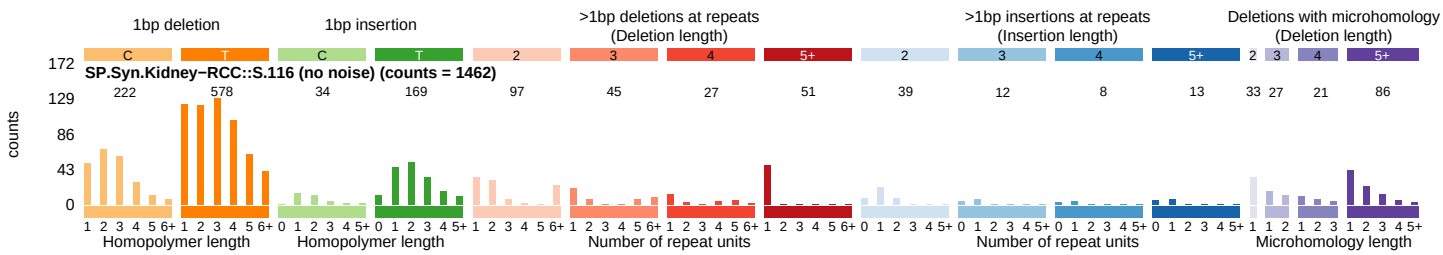

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.111 (no noise) (counts = 608)
93 156 19 107 24 11 7 50 10 3 2 4 8 8 6 100
counts
Homopolymer length
Number of repeat units
Microhomology length

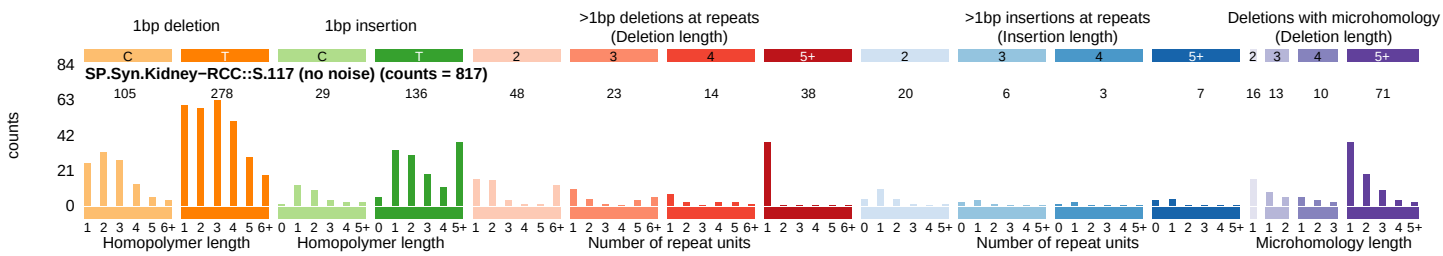

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.112 (no noise) (counts = 567)
64 144 3 29 24 12 7 81 9 3 2 5 8 9 7 160
counts
Homopolymer length
Number of repeat units
Microhomology length

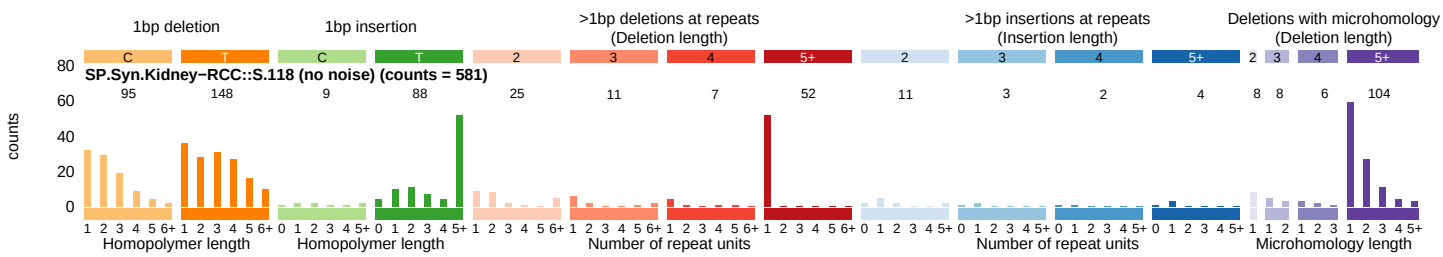

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.113 (no noise) (counts = 309)
80 99 4 24 12 6 3 21 5 1 1 2 4 3 3 41
counts
Homopolymer length
Number of repeat units
Microhomology length

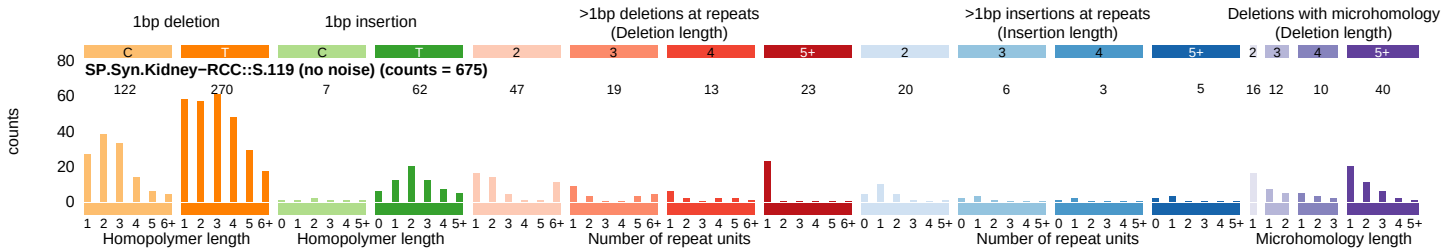

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.114 (no noise) (counts = 774)
122 285 22 113 46 21 13 29 19 6 3 5 15 12 10 53
counts
Homopolymer length
Number of repeat units
Microhomology length

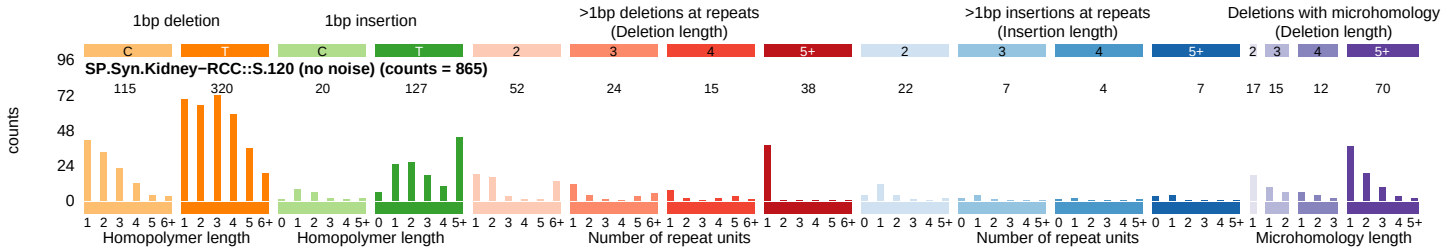

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.115 (no noise) (counts = 845)
113 290 57 167 47 22 14 22 20 6 3 6 16 13 10 39
counts
Homopolymer length
Number of repeat units
Microhomology length

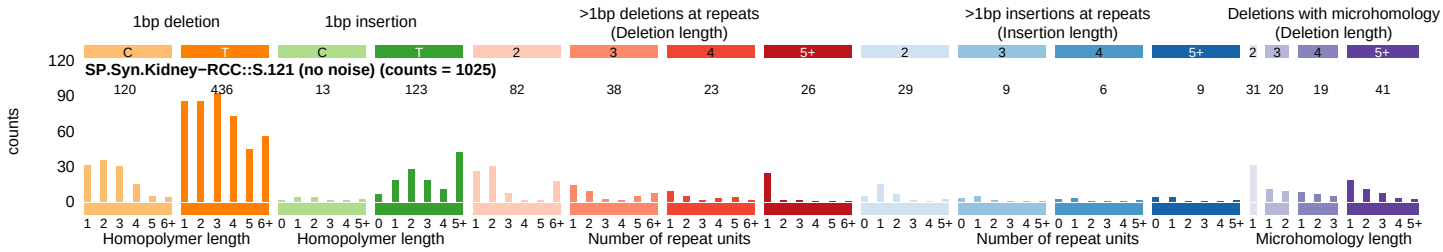

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.116 (no noise) (counts = 1462)
222 578 34 169 97 45 27 51 39 12 8 13 33 27 21 86
counts
Homopolymer length
Number of repeat units
Microhomology length

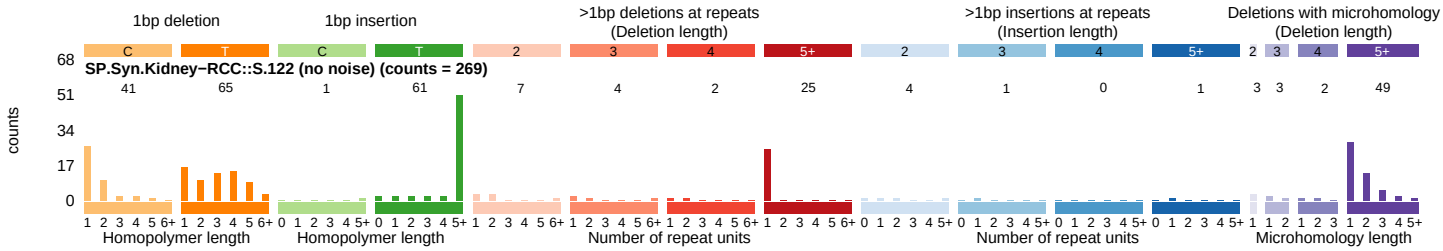

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.117 (no noise) (counts = 817)
105 278 29 136 48 23 14 38 20 6 3 7 16 13 10 71
counts
Homopolymer length
Number of repeat units
Microhomology length

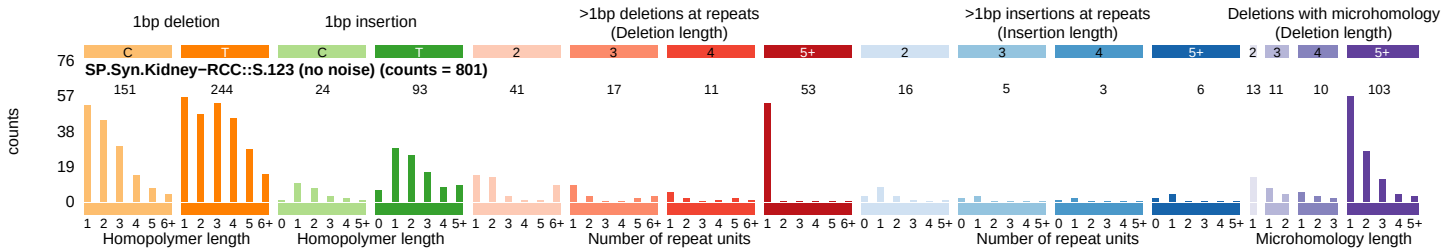

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.118 (no noise) (counts = 581)
95 148 9 88 25 11 7 52 11 3 2 4 8 8 6 104
counts
Homopolymer length
Number of repeat units
Microhomology length

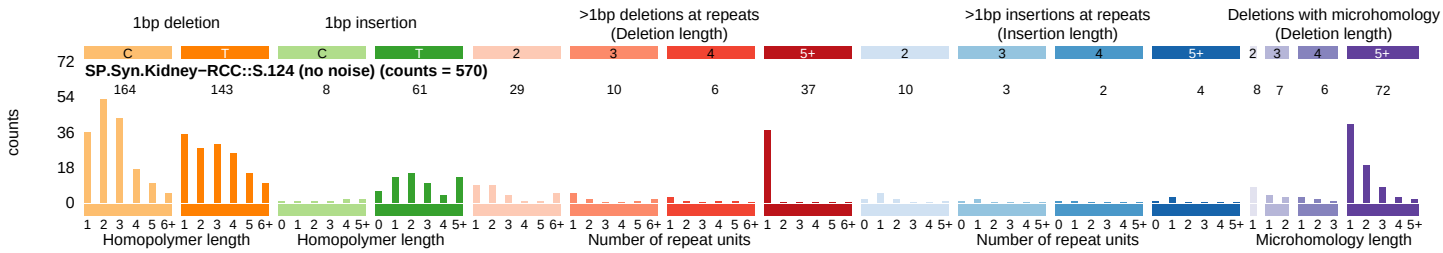

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.119 (no noise) (counts = 675)
counts
Homopolymer length
Number of repeat units
Microhomology length

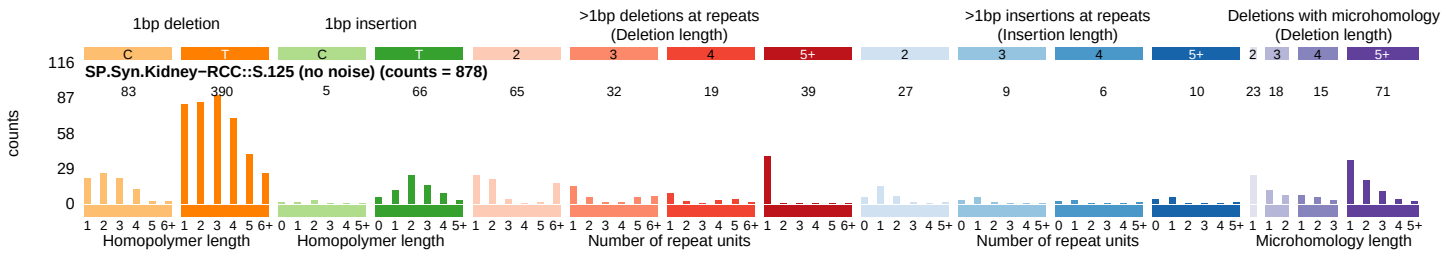

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.120 (no noise) (counts = 865)
counts
Homopolymer length
Number of repeat units
Microhomology length

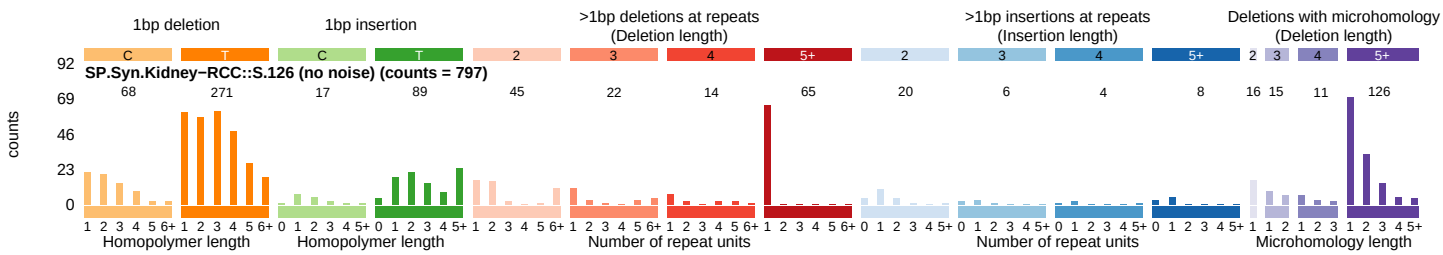

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.121 (no noise) (counts = 1025)
counts
Homopolymer length
Number of repeat units
Microhomology length

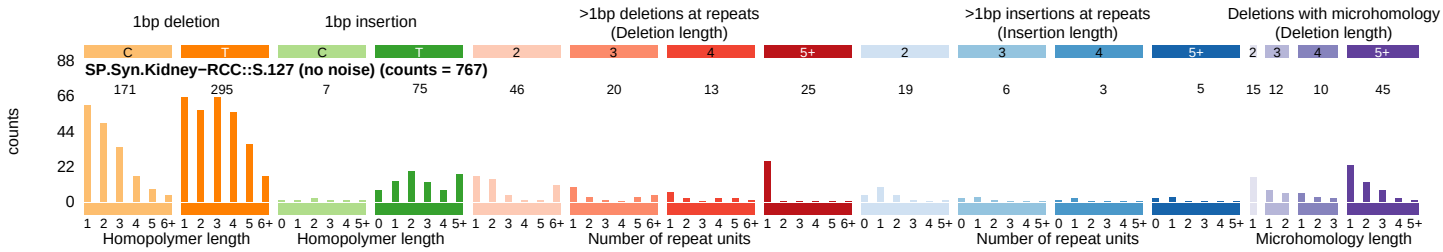

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.122 (no noise) (counts = 269)
counts
Homopolymer length
Number of repeat units
Microhomology length

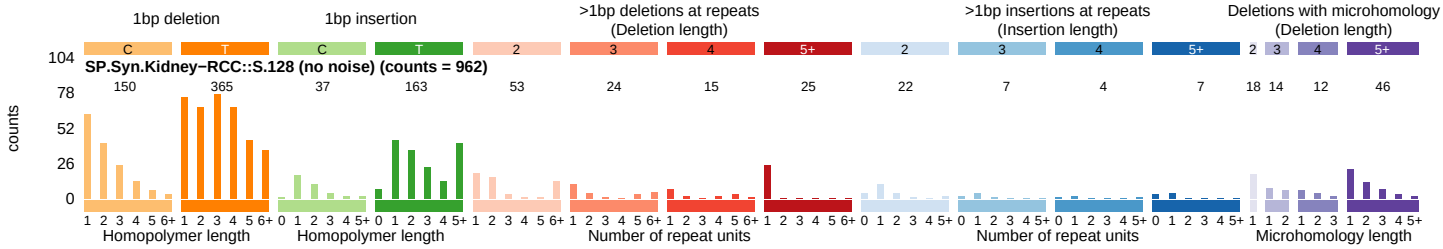

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.123 (no noise) (counts = 801)
counts
Homopolymer length
Number of repeat units
Microhomology length

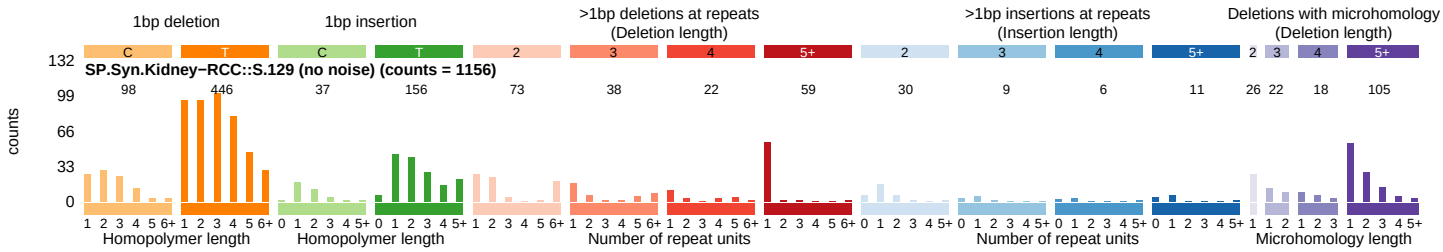

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.124 (no noise) (counts = 570)
counts
Homopolymer length
Number of repeat units
Microhomology length

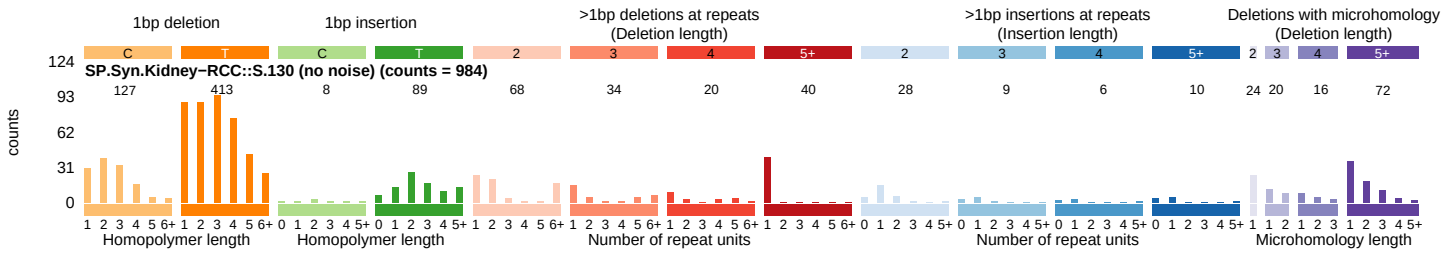

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.125 (no noise) (counts = 878)
counts
Homopolymer length
Number of repeat units
Microhomology length

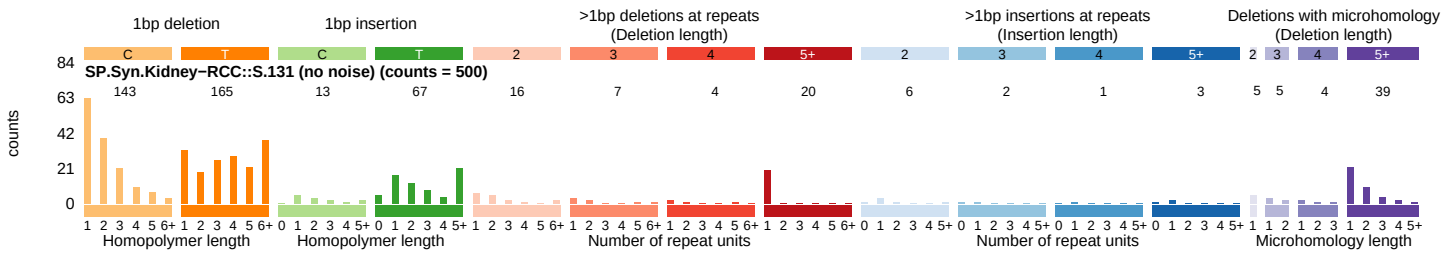

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.126 (no noise) (counts = 797)
counts
Homopolymer length
Number of repeat units
Microhomology length

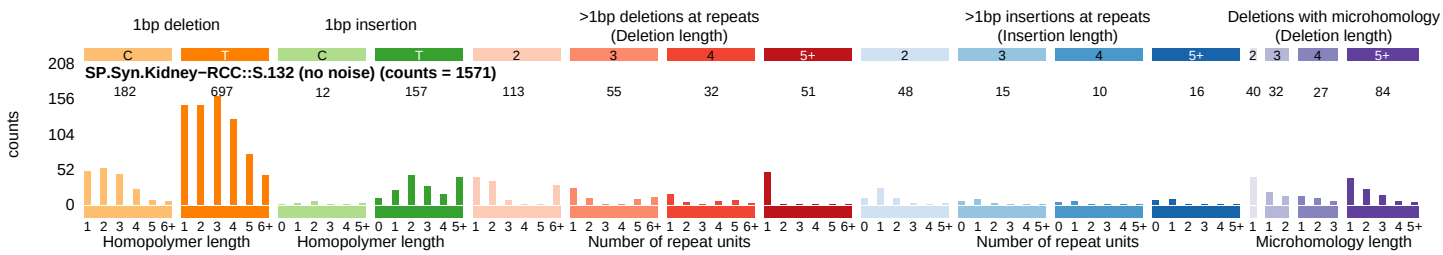

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.127 (no noise) (counts = 767)
171 295 7 75 46 20 13 25 19 6 3 5 15 12 10 45
counts
Homopolymer length
Number of repeat units
Microhomology length

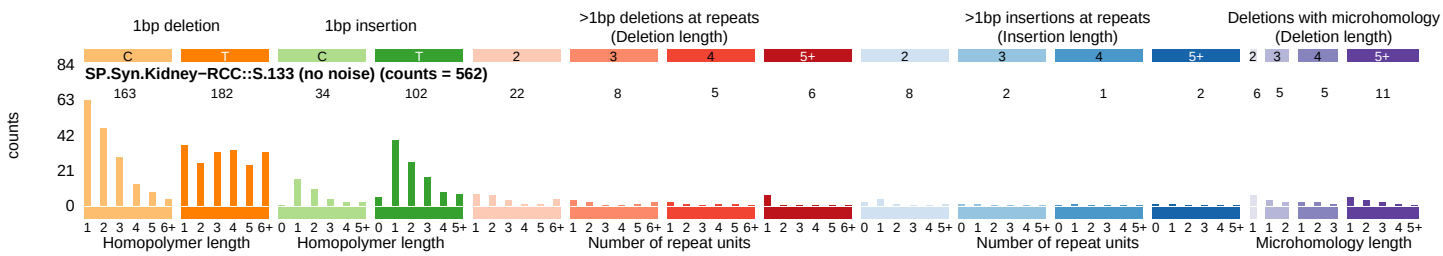

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.128 (no noise) (counts = 962)
150 365 37 163 53 24 15 25 22 7 4 7 18 14 12 46
counts
Homopolymer length
Number of repeat units
Microhomology length

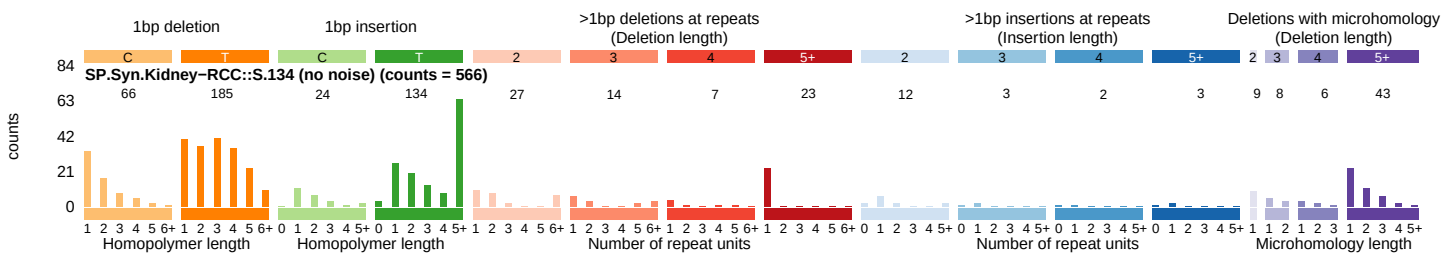

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.129 (no noise) (counts = 1156)
98 446 37 156 73 38 22 59 30 9 6 11 26 22 18 105
counts
Homopolymer length
Number of repeat units
Microhomology length

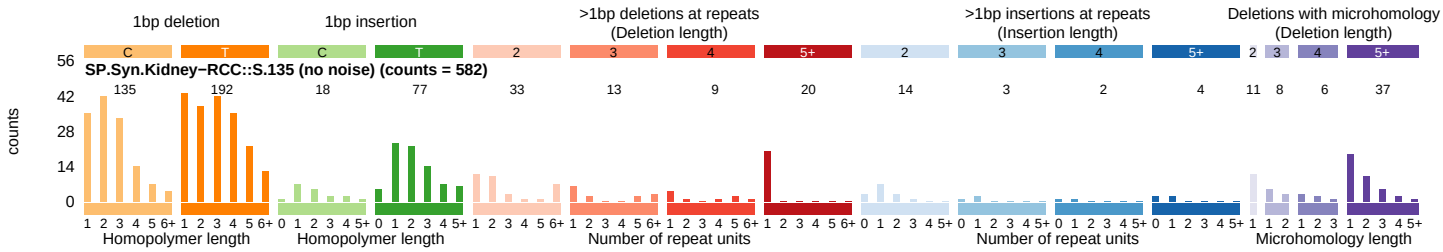

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.130 (no noise) (counts = 984)
127 413 8 89 68 34 20 40 28 9 6 10 24 20 16 72
counts
Homopolymer length
Number of repeat units
Microhomology length

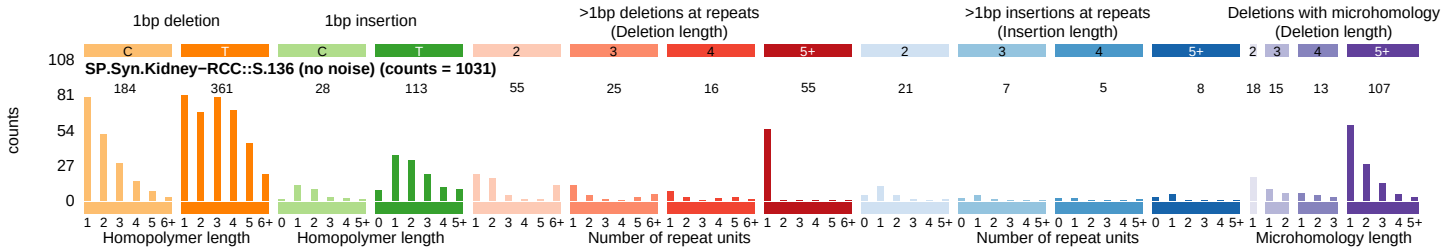

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.131 (no noise) (counts = 500)
143 165 13 67 16 7 4 20 6 2 1 3 5 5 4 39
counts
Homopolymer length
Number of repeat units
Microhomology length

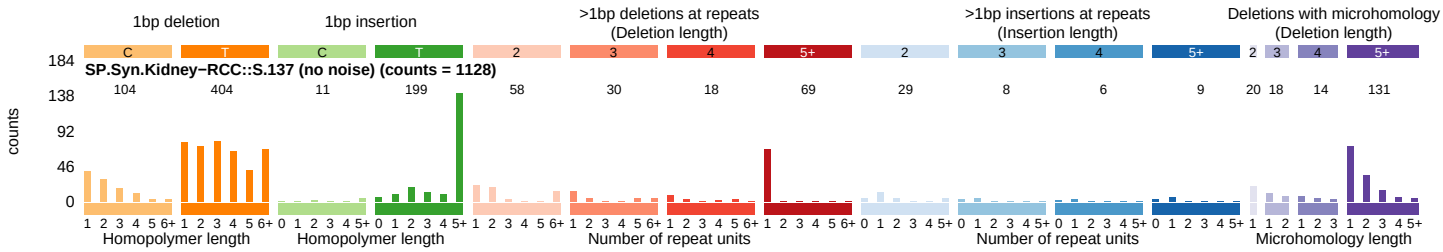

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.132 (no noise) (counts = 1571)
182 697 12 157 113 55 32 51 48 15 10 16 40 32 27 84
counts
Homopolymer length
Number of repeat units
Microhomology length

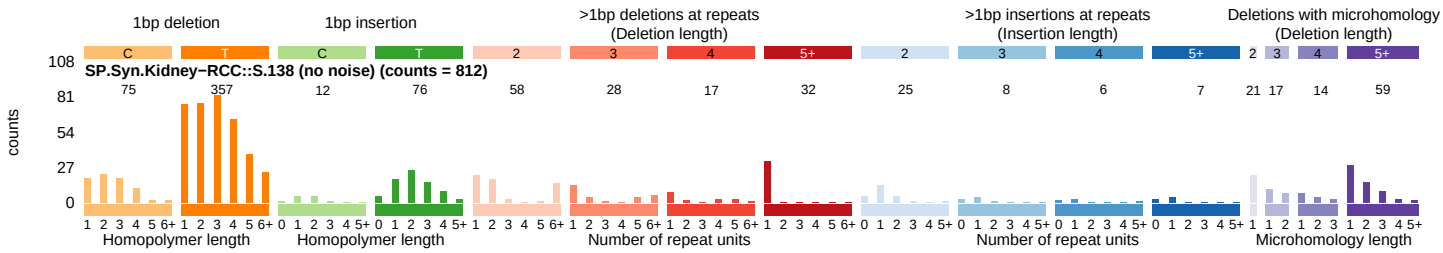

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.133 (no noise) (counts = 562)
163 182 34 102 22 8 5 6 8 2 1 2 6 5 5 11
counts
Homopolymer length
Number of repeat units
Microhomology length

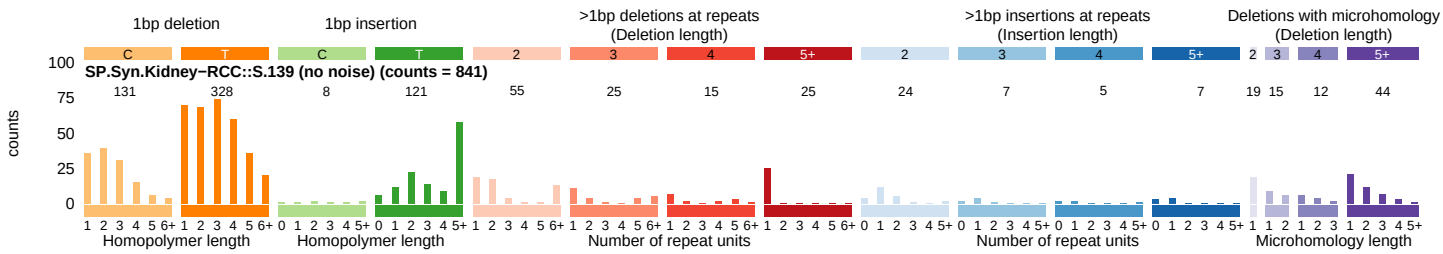

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.134 (no noise) (counts = 566)
66 185 24 134 27 14 7 23 12 3 2 3 9 8 6 43
counts
Homopolymer length
Number of repeat units
Microhomology length

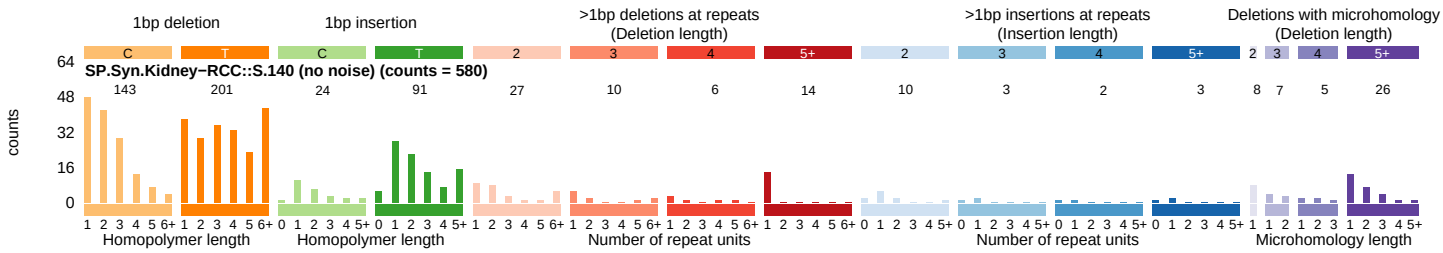

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.135 (no noise) (counts = 582)
counts
Homopolymer length
Number of repeat units
Microhomology length

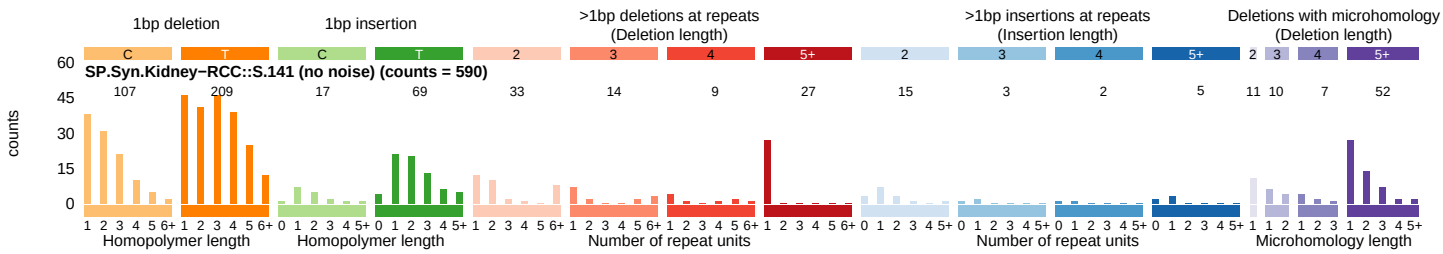

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.136 (no noise) (counts = 1031)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.137 (no noise) (counts = 1128)
counts
Homopolymer length
Number of repeat units
Microhomology 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.138 (no noise) (counts = 812)
counts
Homopolymer length
Number of repeat units
Microhomology 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.139 (no noise) (counts = 841)
counts
Homopolymer length
Number of repeat units
Microhomology 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.140 (no noise) (counts = 580)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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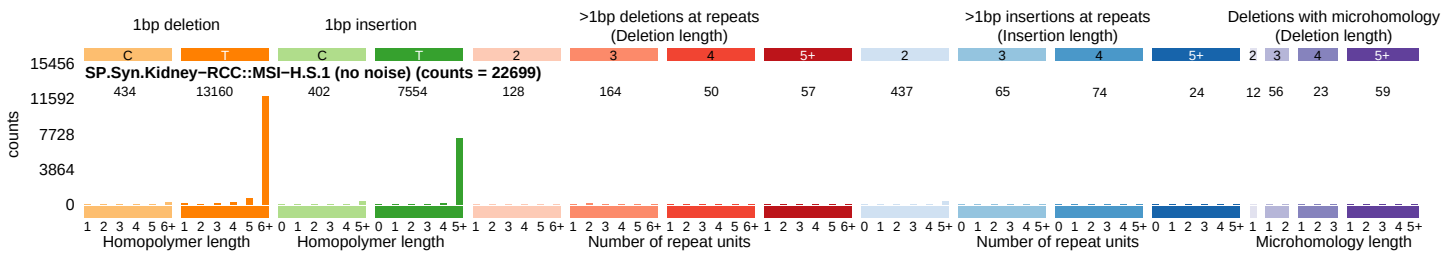
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.141 (no noise) (counts = 590)
counts
Homopolymer length
Number of repeat units
Microhomology length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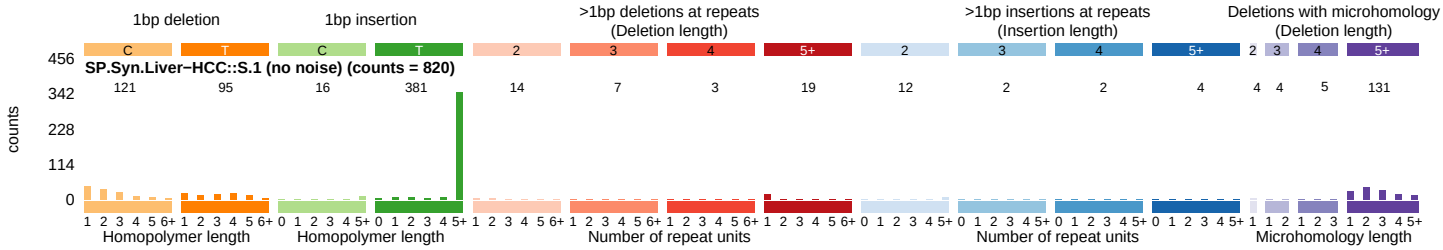
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::MSI−H.S.1 (no noise) (counts = 22699)
counts
Homopolymer length
Number of repeat units
Microhomology length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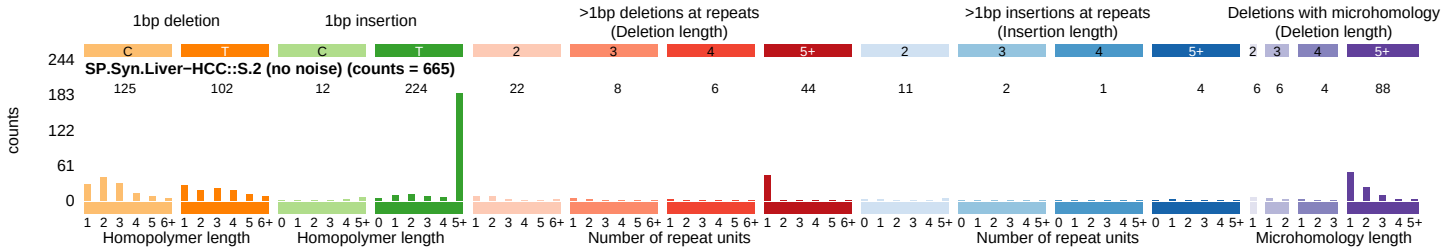
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.1 (no noise) (counts = 820)
121 95 16 381 14 7 3 19 12 2 2 4 4 4 5 131
counts
Homopolymer length
Number of repeat units
Microhomology length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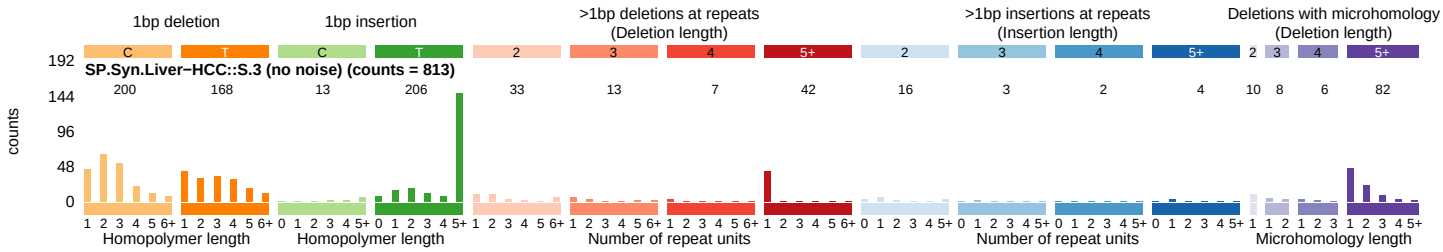
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.2 (no noise) (counts = 665)
125 102 12 224 22 8 6 44 11 2 1 4 6 6 4 88
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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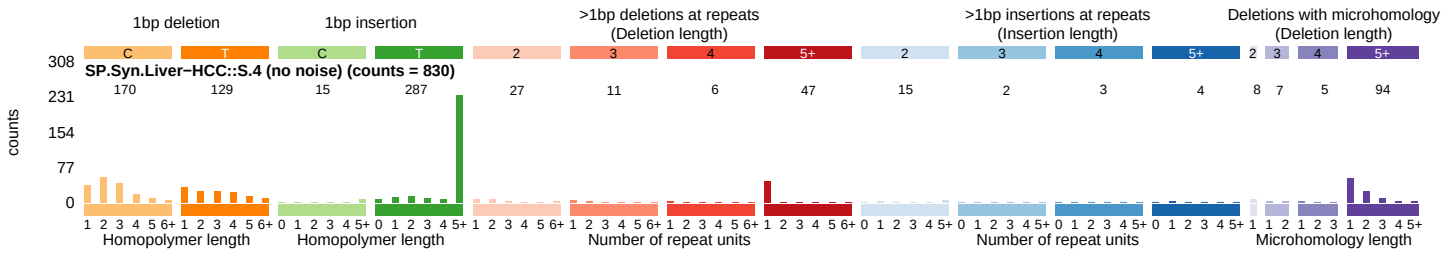
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.3 (no noise) (counts = 813)
200 168 13 206 33 13 7 42 16 3 2 4 10 8 6 82
counts
Homopolymer length
Number of repeat units
Microhomology length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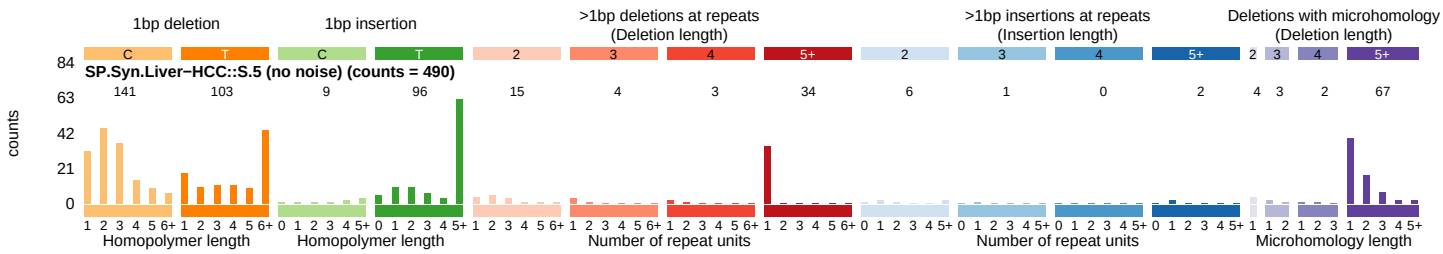
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.4 (no noise) (counts = 830)
170 129 15 287 27 11 6 47 15 2 3 4 8 7 5 94
counts
Homopolymer length
Number of repeat units
Microhomology length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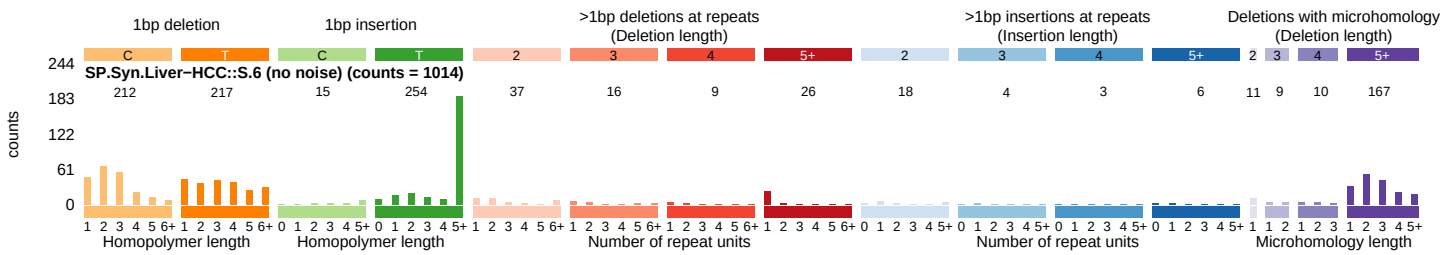
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.5 (no noise) (counts = 490)
141 103 9 96 15 4 3 34 6 1 0 2 4 3 2 67
counts
Homopolymer length
Number of repeat units
Microhomology length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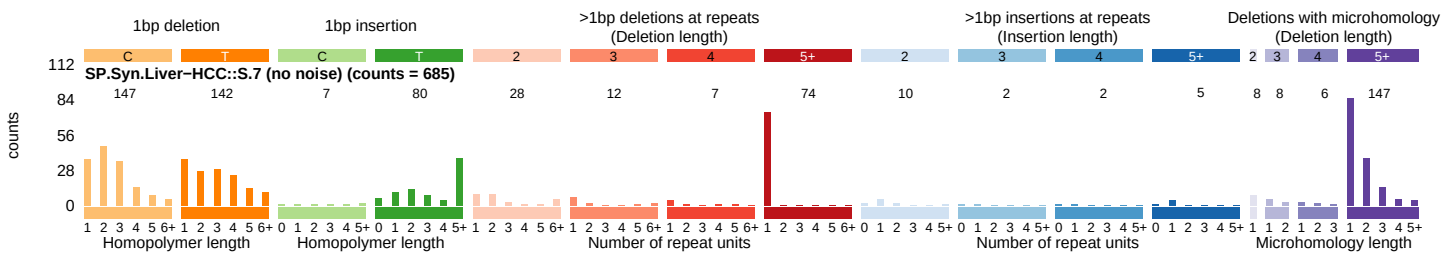
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.6 (no noise) (counts = 1014)
212 217 15 254 37 16 9 26 18 4 3 6 11 9 10 167
counts
Homopolymer length
Number of repeat units
Microhomology length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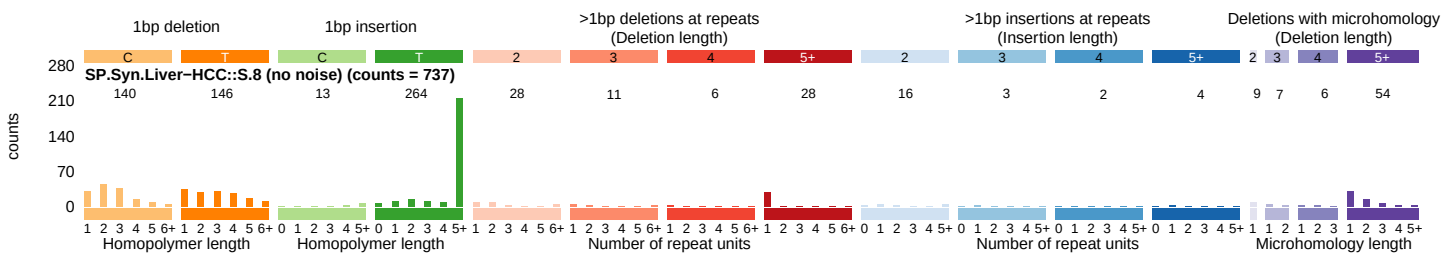
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.7 (no noise) (counts = 685)
147 142 7 80 28 12 7 74 10 2 2 5 8 8 6 147
counts
Homopolymer length
Number of repeat units
Microhomology length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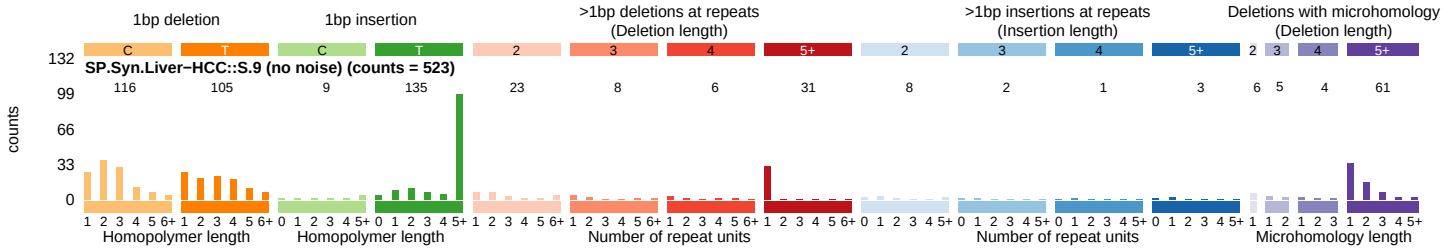
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.8 (no noise) (counts = 737)
140 146 13 264 28 11 6 28 16 3 2 4 9 7 6 54
counts
Homopolymer length
Number of repeat units
Microhomology length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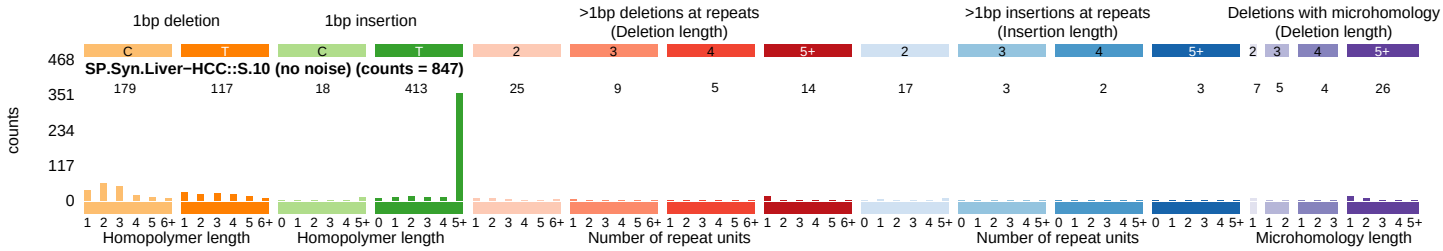
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.9 (no noise) (counts = 523)
116 105 9 135 23 8 6 31 8 2 1 3 6 5 4 61
counts
Homopolymer length
Number of repeat units
Microhomology length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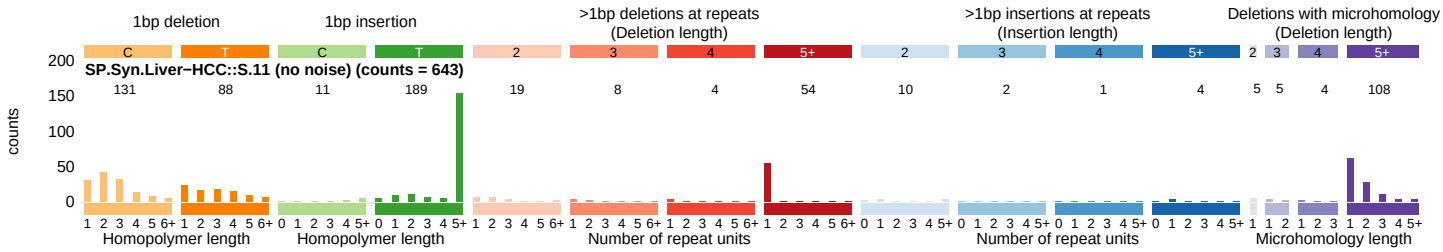
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.10 (no noise) (counts = 847)
179 117 18 413 25 9 5 14 17 3 2 3 7 5 4 26
counts
Homopolymer length
Number of repeat units
Microhomology length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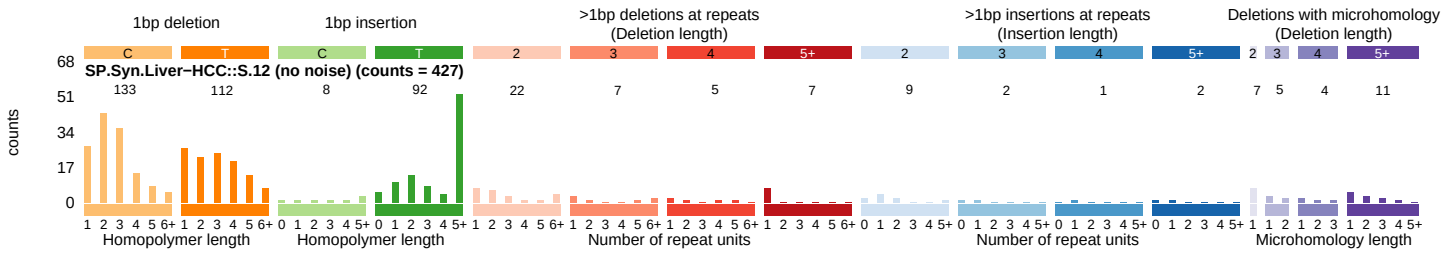
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.11 (no noise) (counts = 643)
131 88 11 189 19 8 4 54 10 2 1 4 5 5 4 108
counts
Homopolymer length
Number of repeat units
Microhomology length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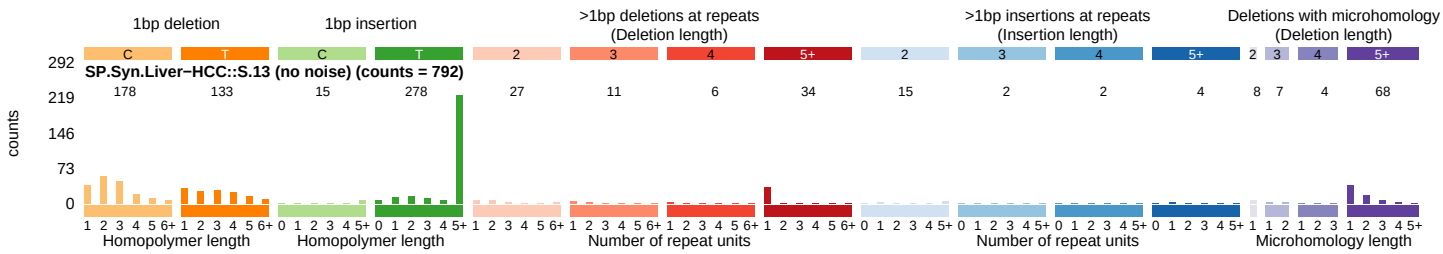
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.12 (no noise) (counts = 427)
133 112 8 92 22 7 5 7 9 2 1 2 7 5 4 11
counts
Homopolymer length
Number of repeat units
Microhomology length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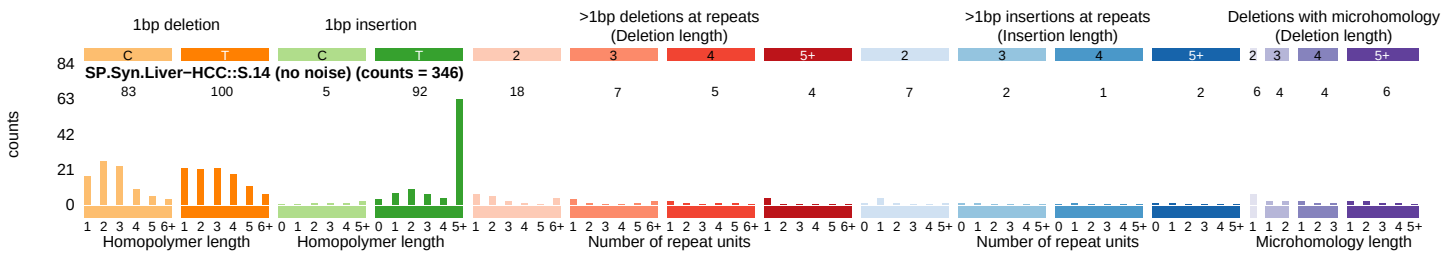
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.13 (no noise) (counts = 792)
178 133 15 278 27 11 6 34 15 2 2 4 8 7 4 68
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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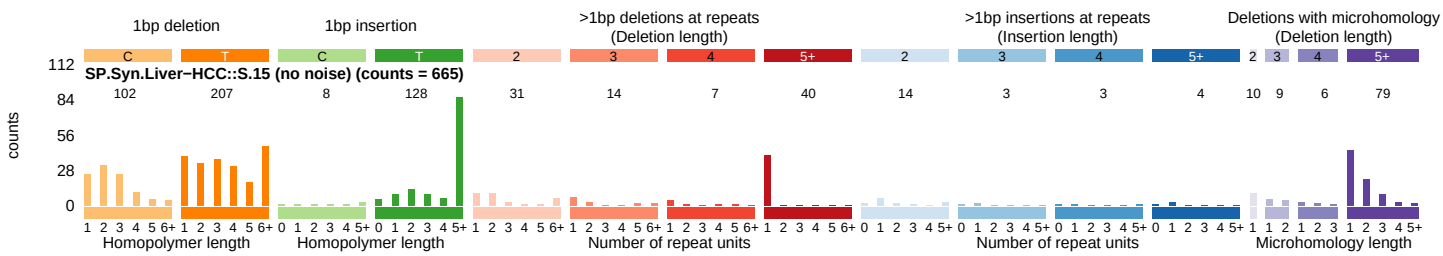
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.14 (no noise) (counts = 346)
83 100 5 92 18 7 5 4 7 2 1 2 6 4 4 6
counts
Homopolymer length
Number of repeat units
Microhomology length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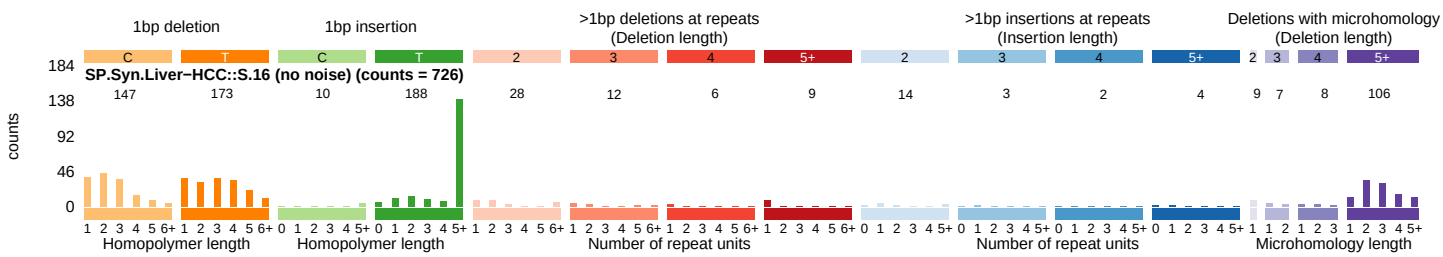
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.15 (no noise) (counts = 665)
102 207 8 128 31 14 7 40 14 3 3 4 10 9 6 79
counts
Homopolymer length
Number of repeat units
Microhomology length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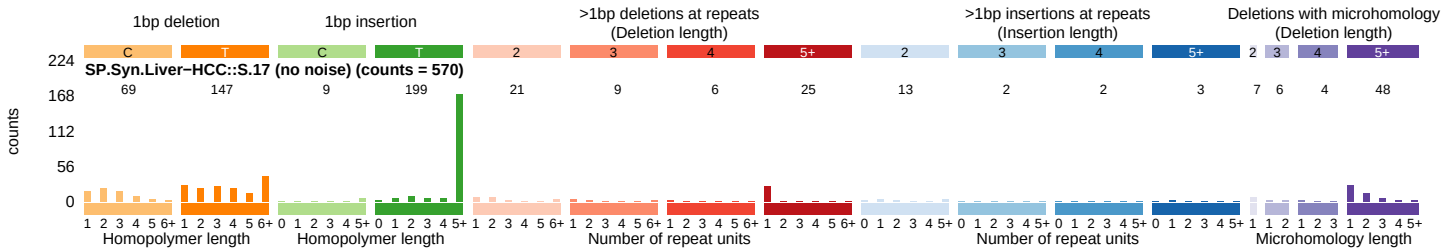
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.16 (no noise) (counts = 726)
147 173 10 188 28 12 6 9 14 3 2 4 9 7 8 106
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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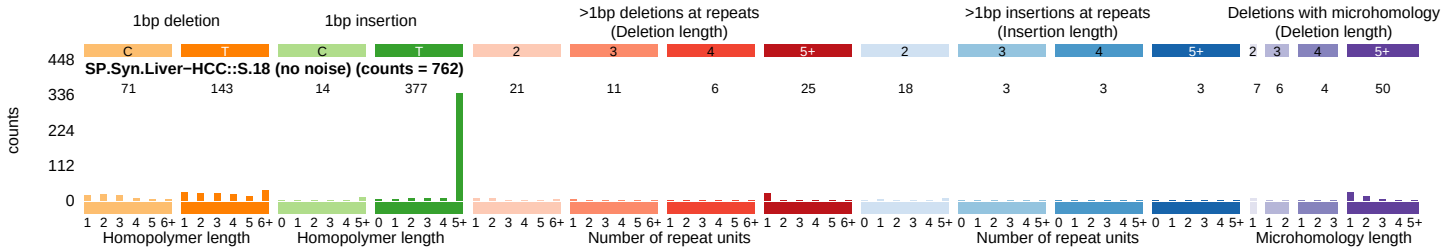
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.17 (no noise) (counts = 570)
69 147 9 199 21 9 6 25 13 2 2 3 7 6 4 48
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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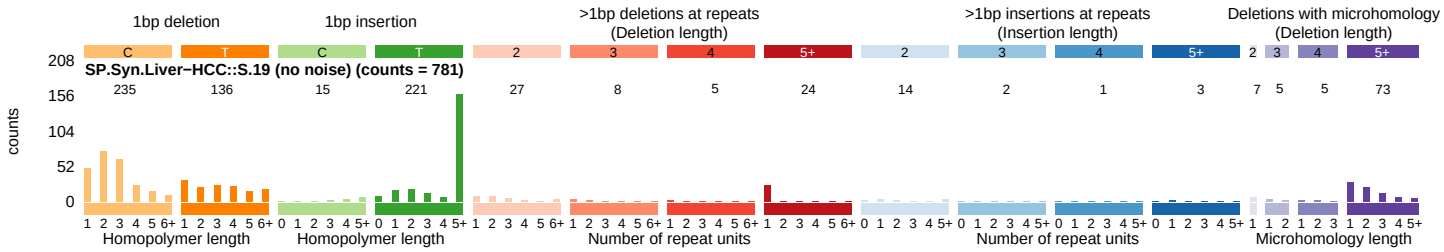
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.18 (no noise) (counts = 762)
71 143 14 377 21 11 6 25 18 3 3 3 7 6 4 50
counts
Homopolymer length
Number of repeat units
Microhomology length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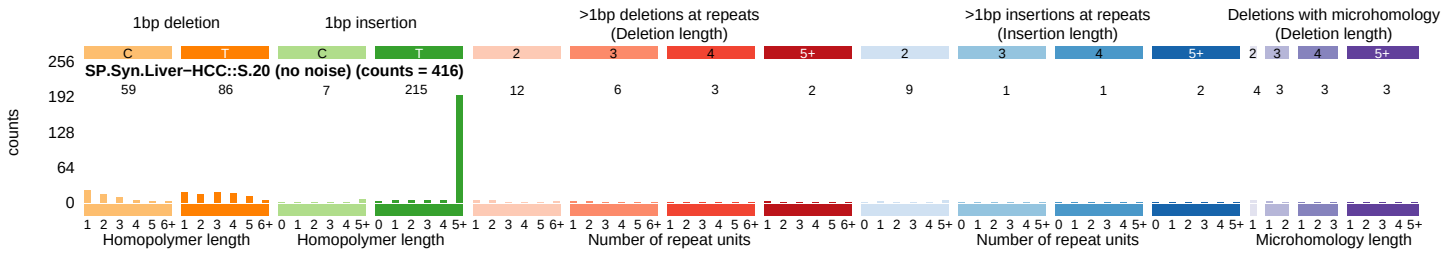
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.19 (no noise) (counts = 781)
235 136 15 221 27 8 5 24 14 2 1 3 7 5 5 73
counts
Homopolymer length
Number of repeat units
Microhomology length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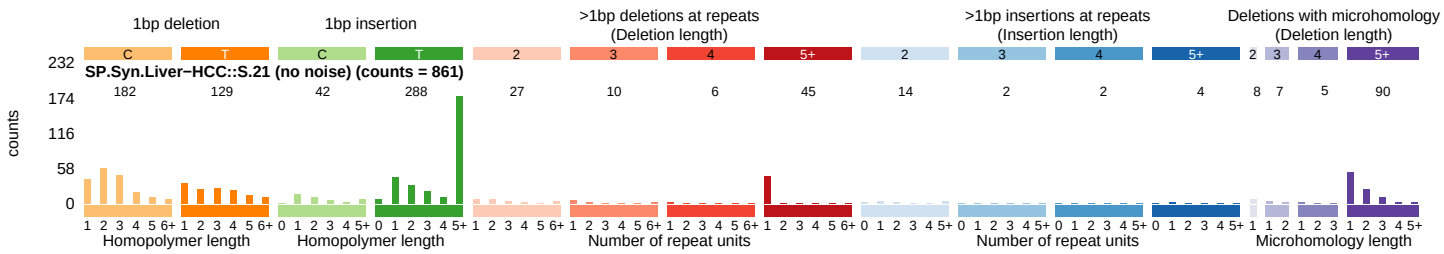
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.20 (no noise) (counts = 416)
59 86 7 215 12 6 3 2 9 1 1 2 4 3 3 3
counts
Homopolymer length
Number of repeat units
Microhomology length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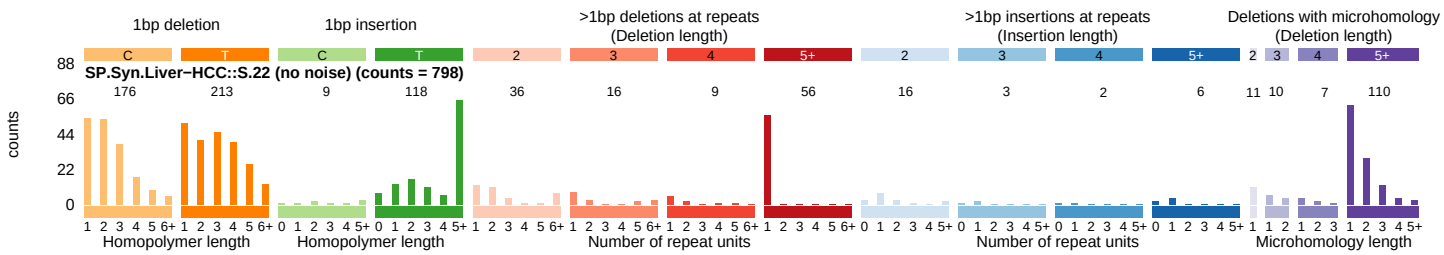
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.21 (no noise) (counts = 861)
182 129 42 288 27 10 6 45 14 2 2 4 8 7 5 90
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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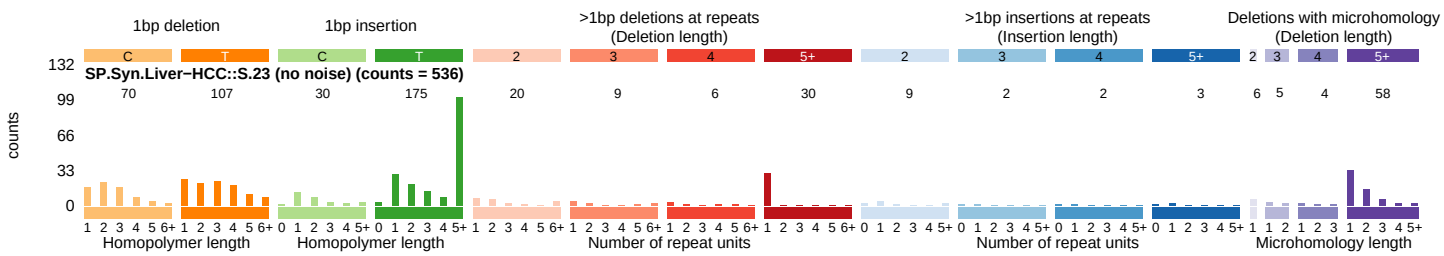
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.22 (no noise) (counts = 798)
176 213 9 118 36 16 9 56 16 3 2 6 11 10 7 110
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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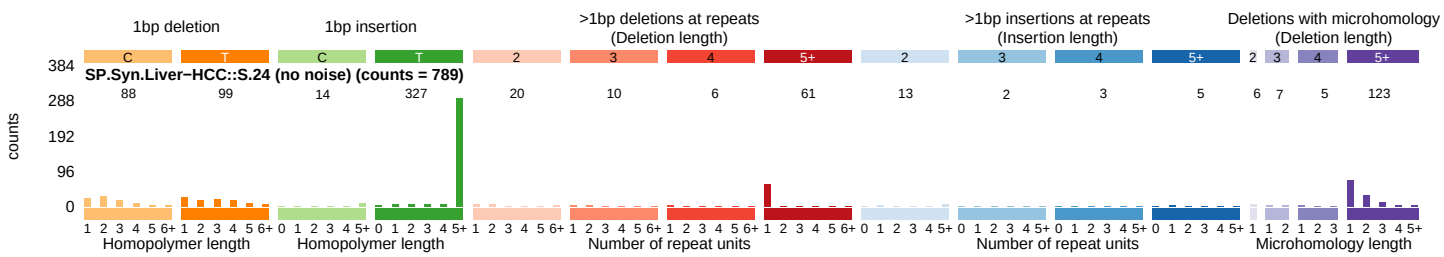
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.23 (no noise) (counts = 536)
70 107 30 175 20 9 6 30 9 2 2 3 6 5 4 58
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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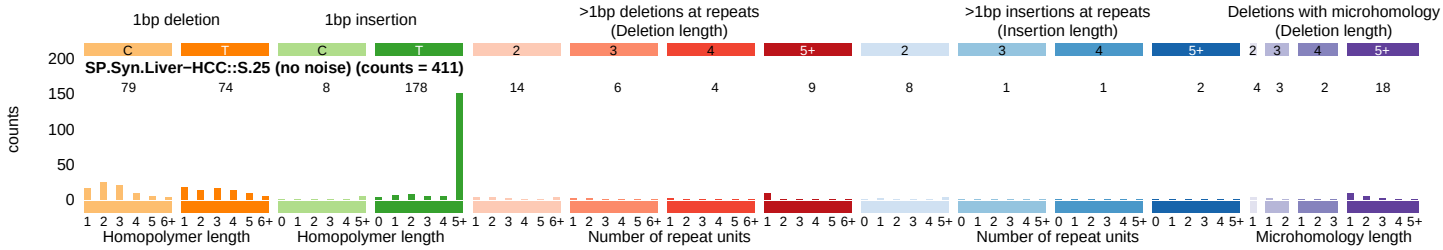
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.24 (no noise) (counts = 789)
88 99 14 327 20 10 6 61 13 2 3 5 6 7 5 123
counts
Homopolymer length
Number of repeat units
Microhomology length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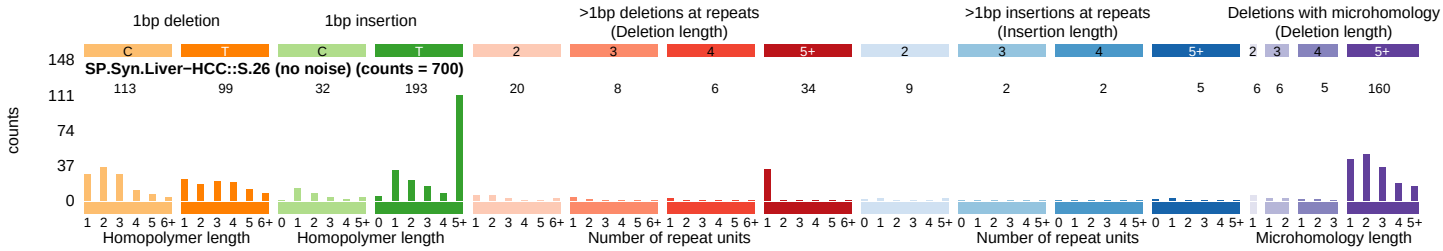
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.25 (no noise) (counts = 411)
counts
Homopolymer length
Number of repeat units
Microhomology length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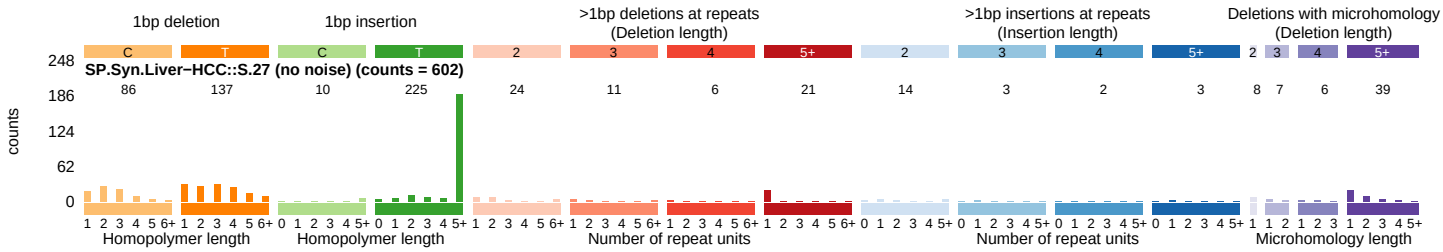
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.26 (no noise) (counts = 700)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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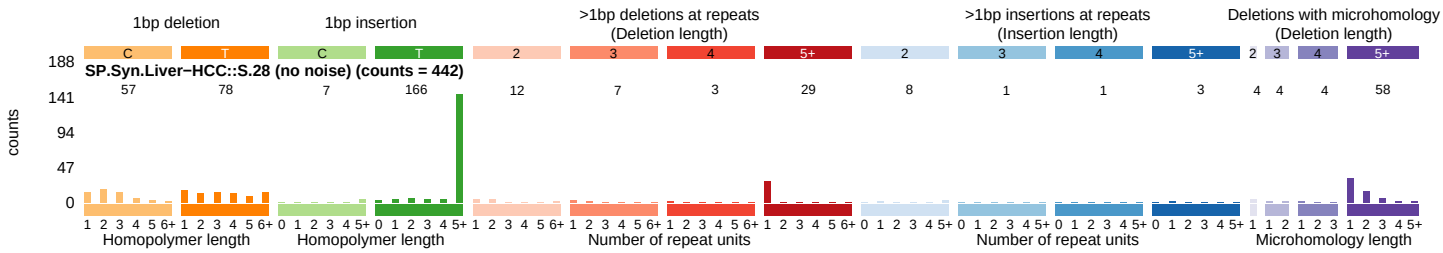
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.27 (no noise) (counts = 602)
counts
Homopolymer length
Number of repeat units
Microhomology length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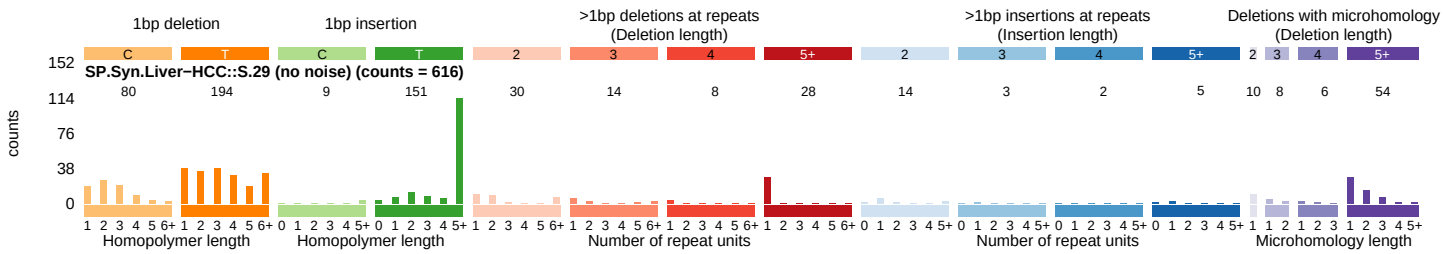
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.28 (no noise) (counts = 442)
counts
Homopolymer length
Number of repeat units
Microhomology length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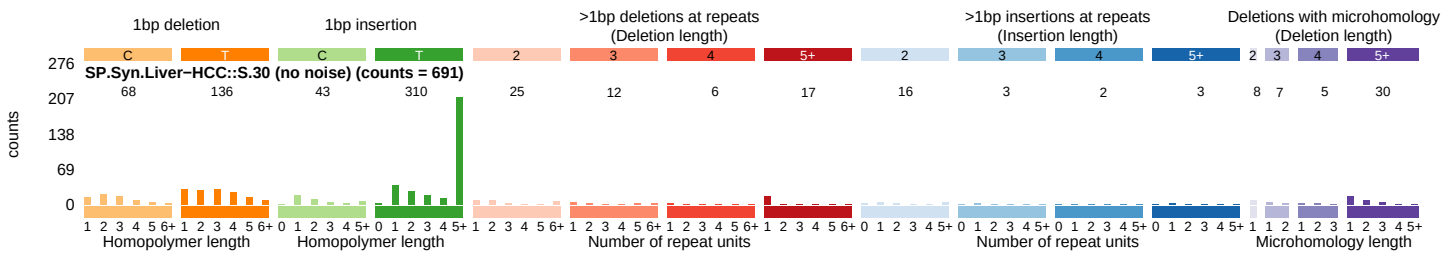
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.29 (no noise) (counts = 616)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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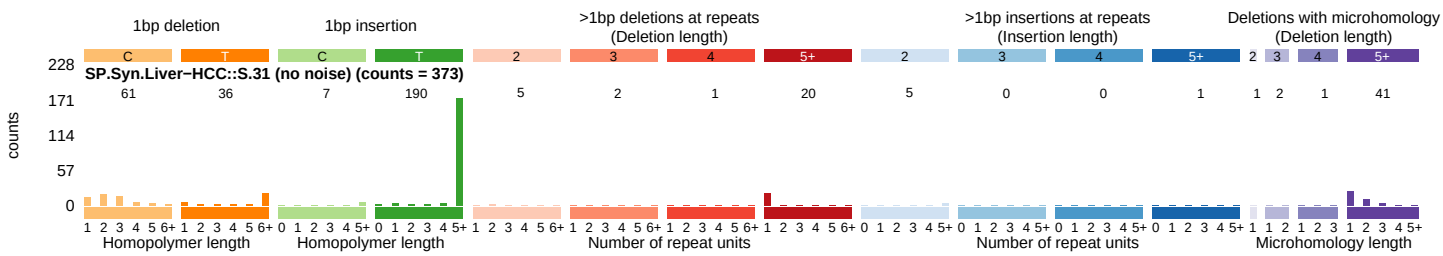
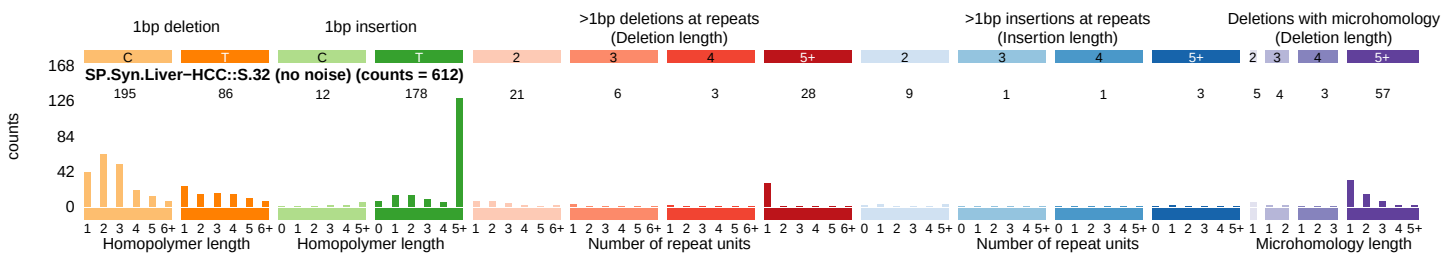
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.30 (no noise) (counts = 691)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.31 (no noise) (counts = 373)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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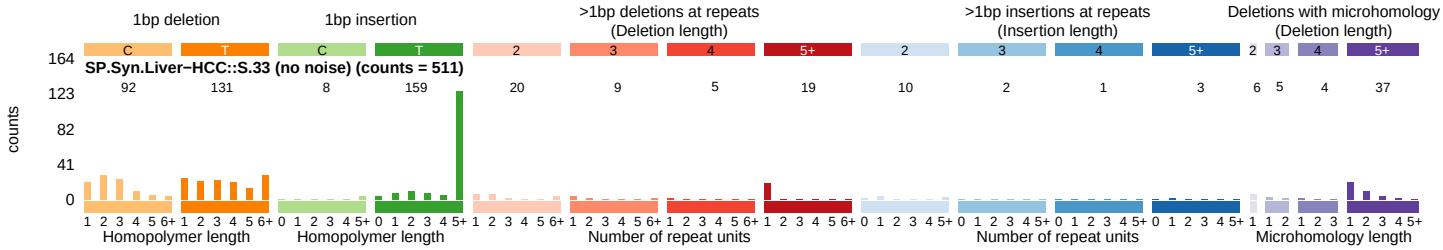
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.32 (no noise) (counts = 612)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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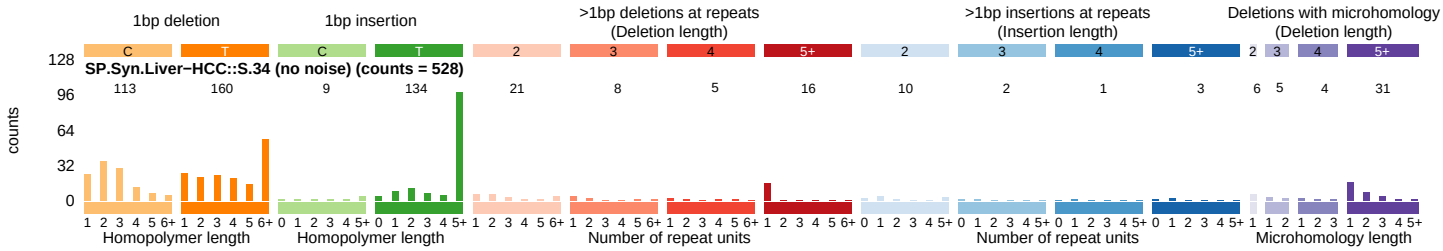
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.33 (no noise) (counts = 511)
92 131 8 159 20 9 5 19 10 2 1 3 6 5 4 37
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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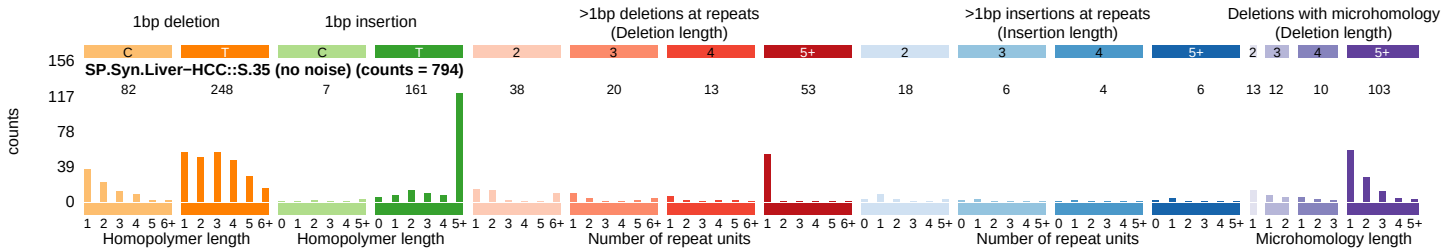
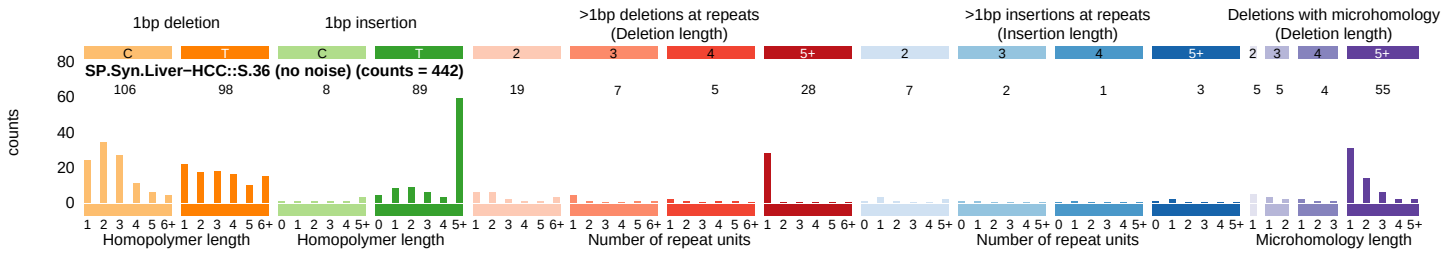
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.34 (no noise) (counts = 528)
113 160 9 134 21 8 5 16 10 2 1 3 6 5 4 31
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.35 (no noise) (counts = 794)
82 248 7 161 38 20 13 53 18 6 4 6 13 12 10 103
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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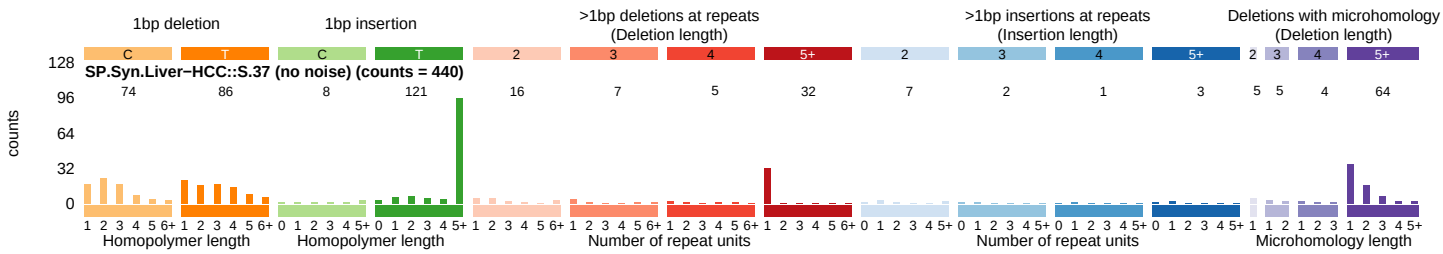
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.36 (no noise) (counts = 442)
106 98 8 89 19 7 5 28 7 2 1 3 5 5 4 55
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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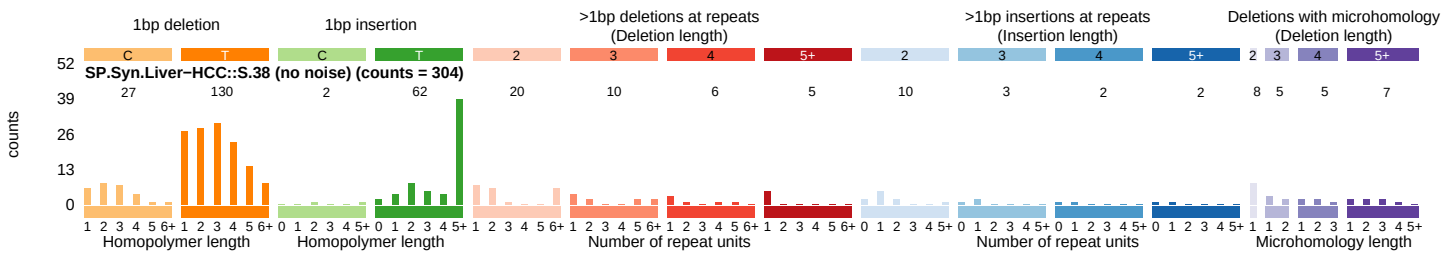
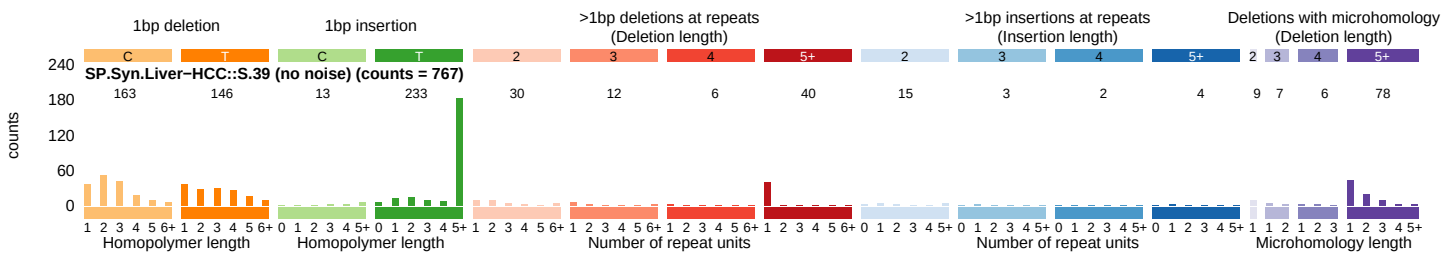
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.37 (no noise) (counts = 440)
74 86 8 121 16 7 5 32 7 2 1 3 5 5 4 64
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.38 (no noise) (counts = 304)
27 130 2 62 20 10 6 5 10 3 2 2 8 5 5 7
counts
Homopolymer length
Number of repeat units
Microhomology length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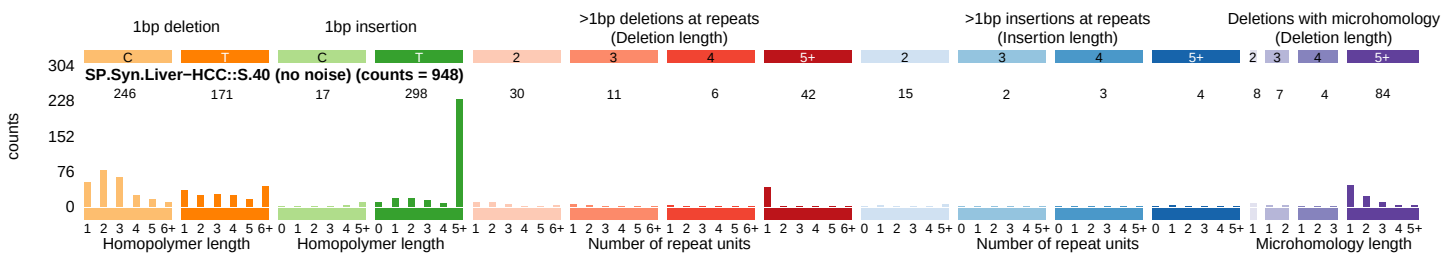
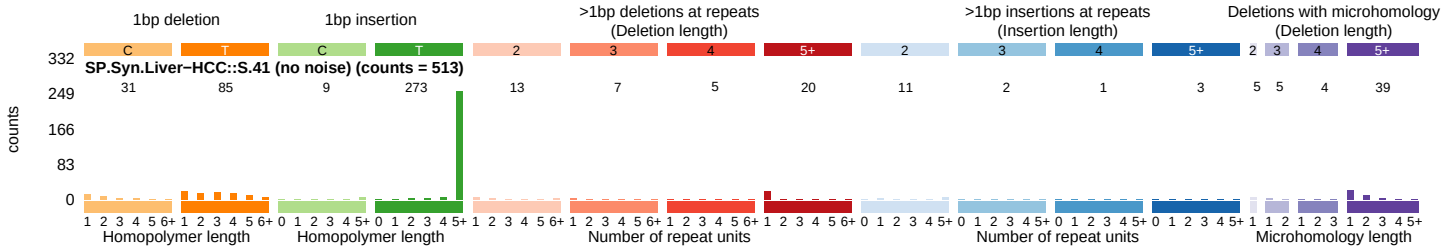
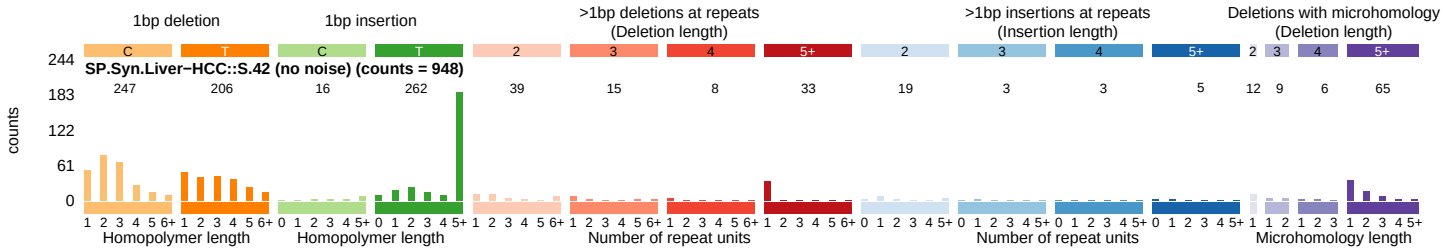
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.39 (no noise) (counts = 767)
163 146 13 233 30 12 6 40 15 3 2 4 9 7 6 78
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.40 (no noise) (counts = 948)
246 171 17 298 30 11 6 42 15 2 3 4 8 7 4 84
counts
Homopolymer length
Number of repeat units
Microhomology 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.41 (no noise) (counts = 513)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
31 85 9 273 13 7 5 20 11 2 1 3 5 5 4 39
counts
332 249 166 83 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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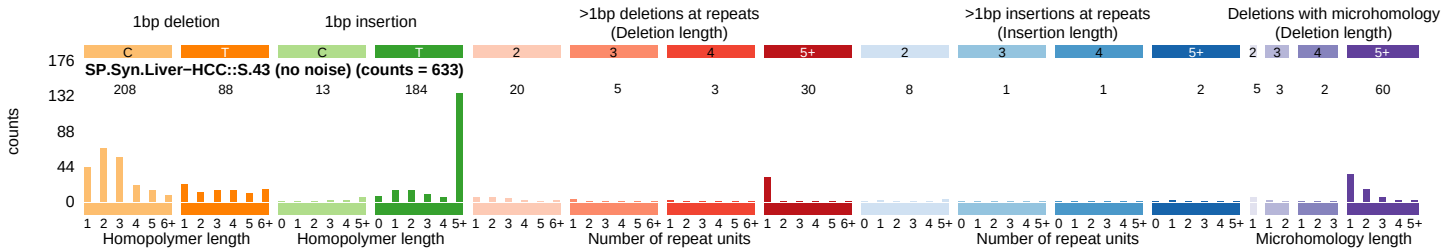
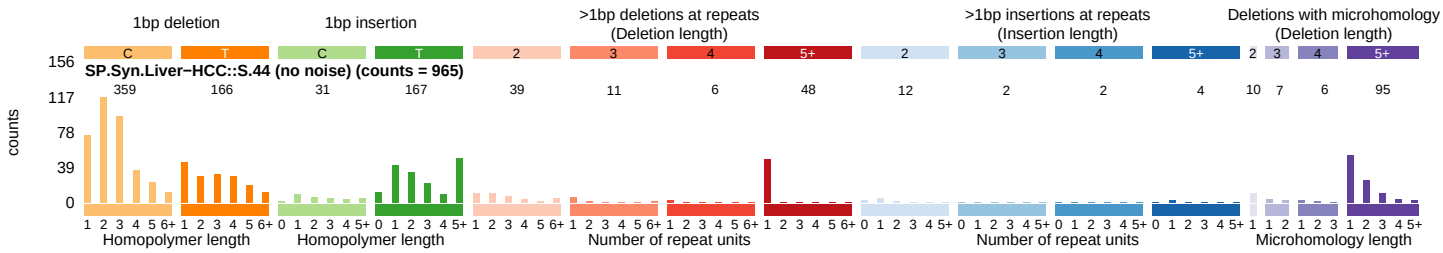
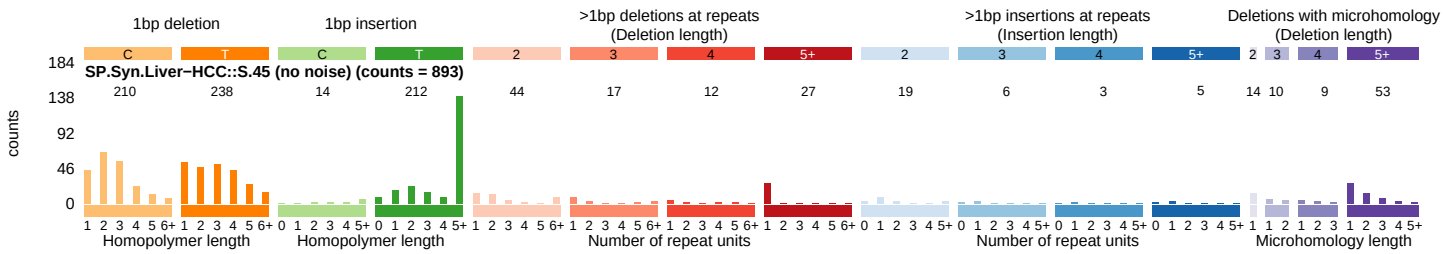
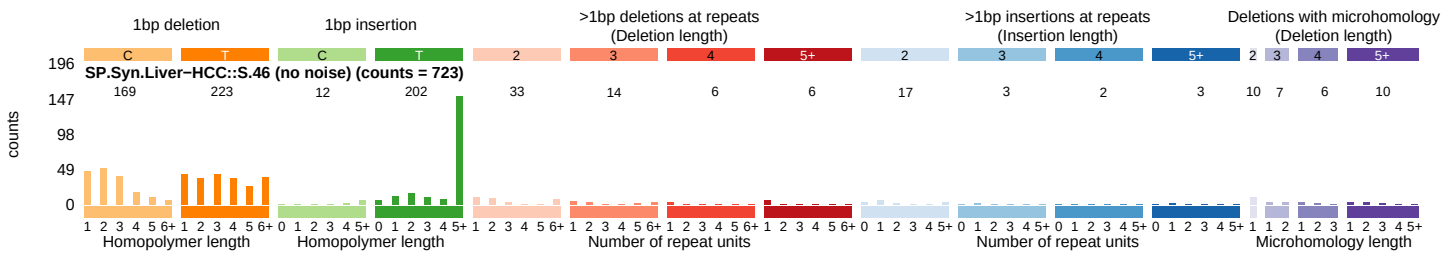
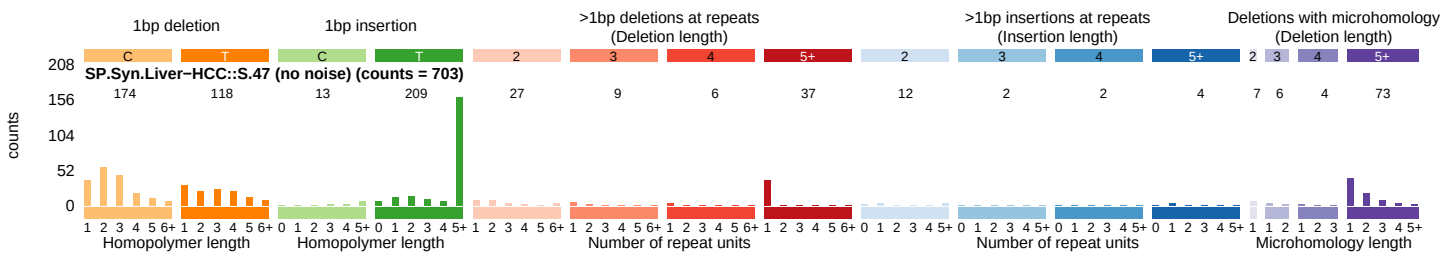
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.42 (no noise) (counts = 948)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
247 206 16 262 39 15 8 33 19 3 3 5 12 9 6 65
counts
244 183 122 61 0
Homopolymer length
Homopolymer length
Number of repeat 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.Liver−HCC::S.43 (no noise) (counts = 633)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
208 88 13 184 20 5 3 30 8 1 1 2 5 3 2 60
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)
SP.Syn.Liver−HCC::S.44 (no noise) (counts = 965)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
359 166 31 167 39 11 6 48 12 2 2 4 10 7 6 95
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)
SP.Syn.Liver−HCC::S.45 (no noise) (counts = 893)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
210 238 14 212 44 17 12 27 19 6 3 5 14 10 9 53
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.46 (no noise) (counts = 723)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
169 223 12 202 33 14 6 6 17 3 2 3 10 7 6 10
counts
196 147 98 49 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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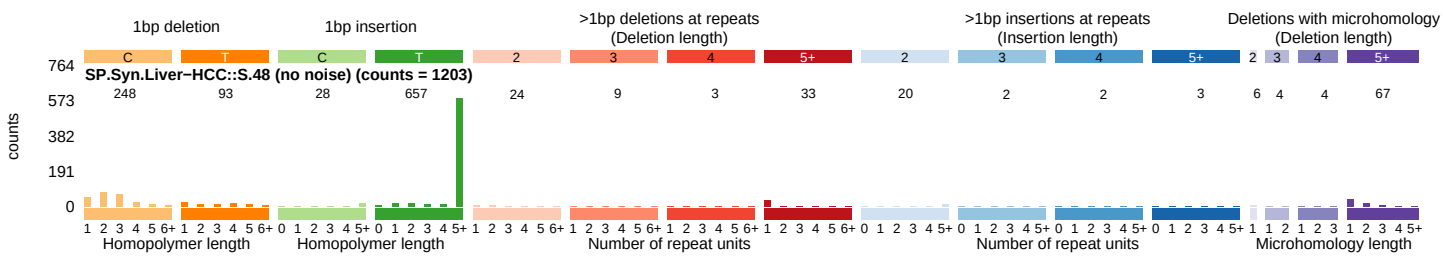
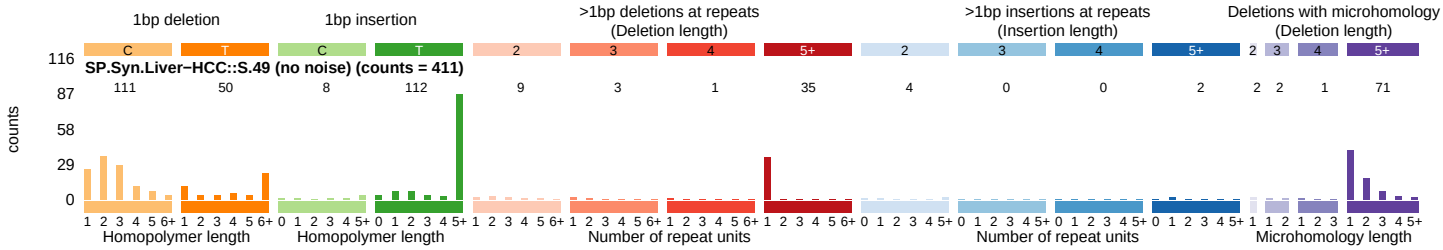
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.47 (no noise) (counts = 703)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
174 118 13 209 27 9 6 37 12 2 2 4 7 6 4 73
counts
208 156 104 52 0
Homopolymer length
Homopolymer length
Number of repeat units
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)
SP.Syn.Liver−HCC::S.48 (no noise) (counts = 1203)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
248 93 28 657 24 9 3 33 20 2 2 3 6 4 4 67
counts
764 573 382 191 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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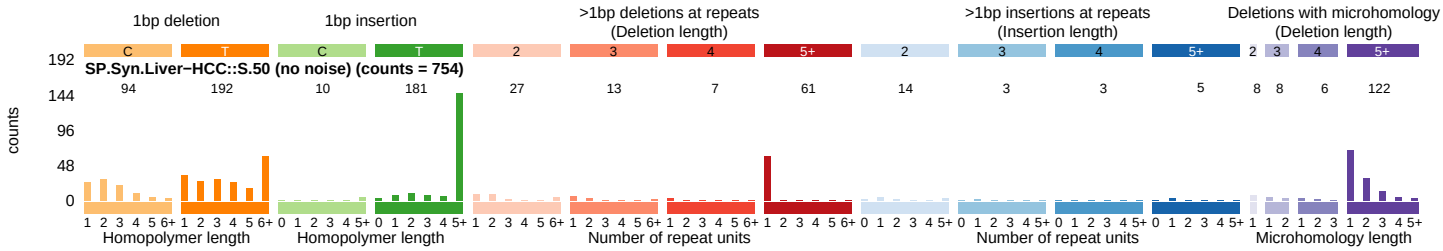
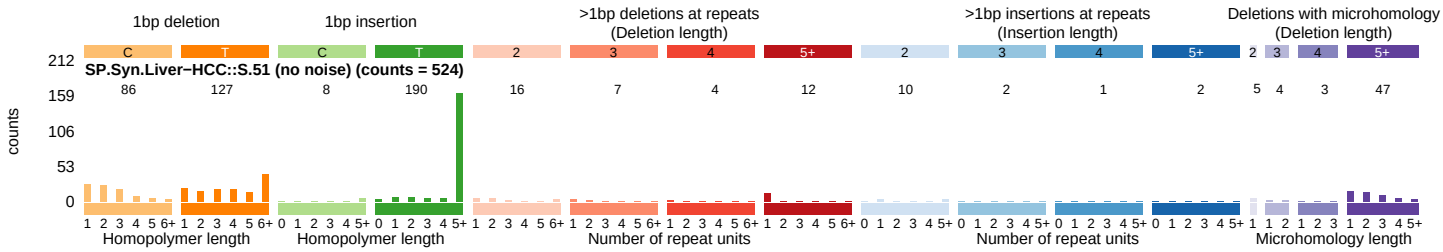
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.49 (no noise) (counts = 411)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 = 754)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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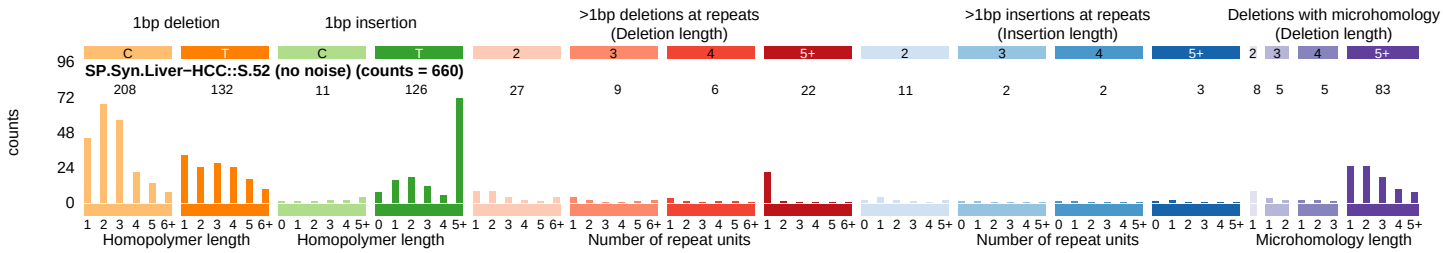
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.51 (no noise) (counts = 524)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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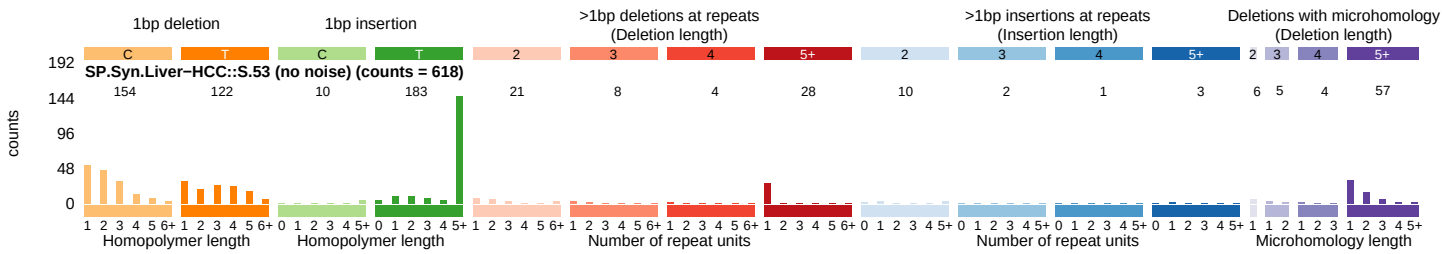
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.52 (no noise) (counts = 660)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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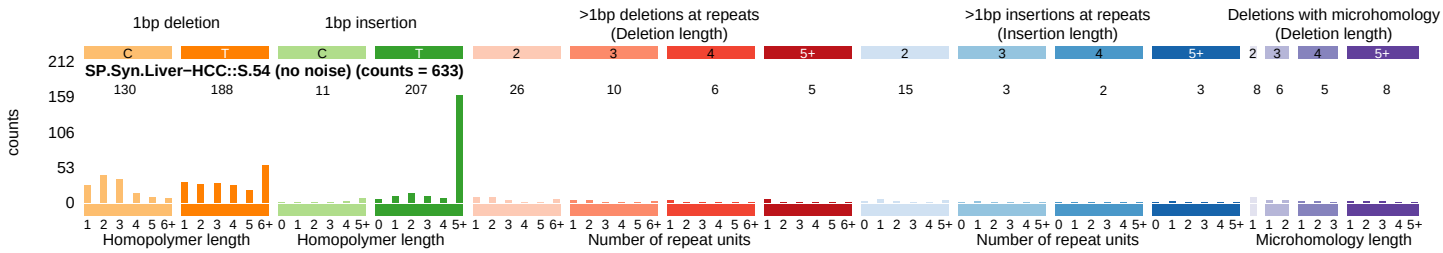
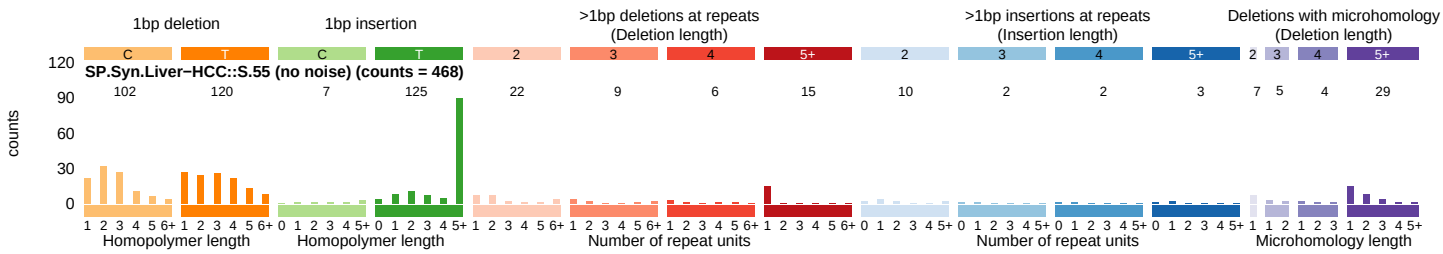
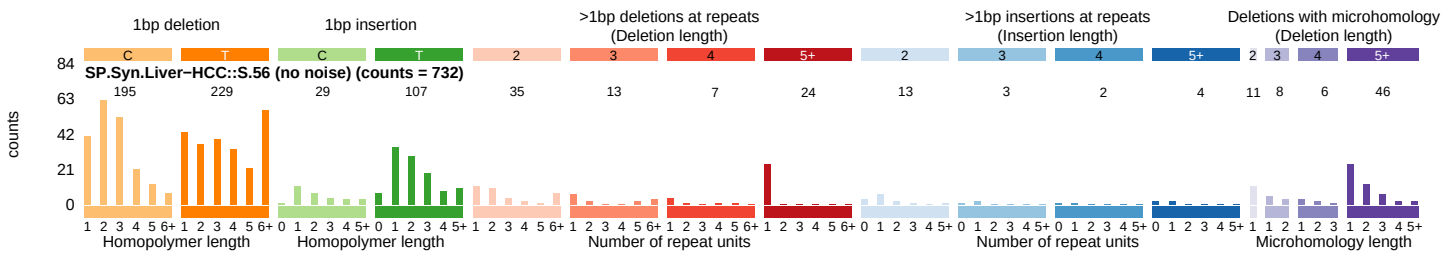
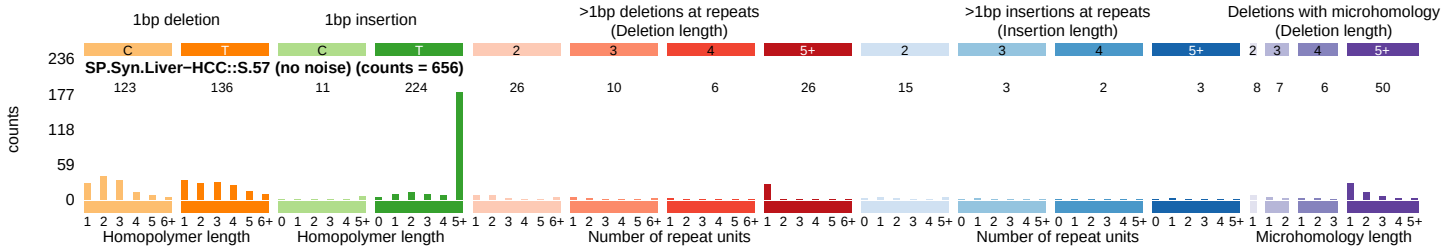
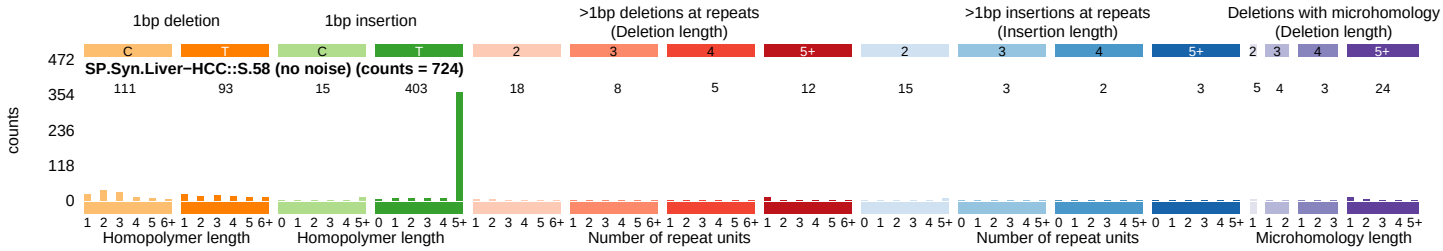
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.53 (no noise) (counts = 618)
counts
Homopolymer length
Number of repeat units
Microhomology length

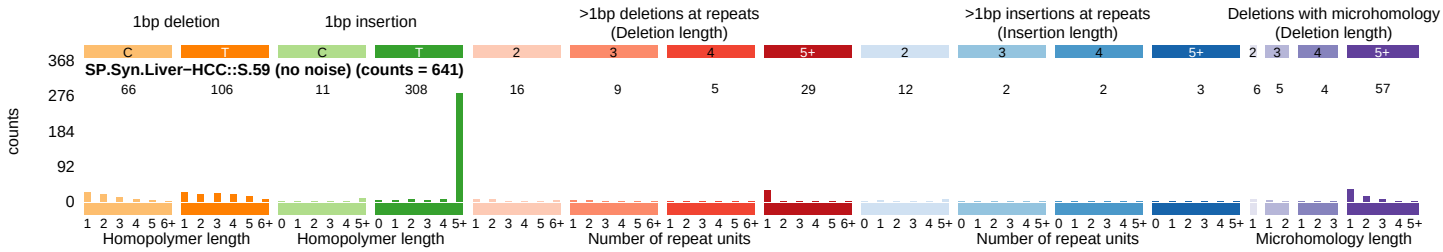

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.54 (no noise) (counts = 633)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 = 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.Liver−HCC::S.56 (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.57 (no noise) (counts = 656)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
123 136 11 224 26 10 6 26 15 3 2 3 8 7 6 50
counts
236 177 118 59 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.58 (no noise) (counts = 724)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
111 93 15 403 18 8 5 12 15 3 2 3 5 4 3 24
counts
472 354 236 118 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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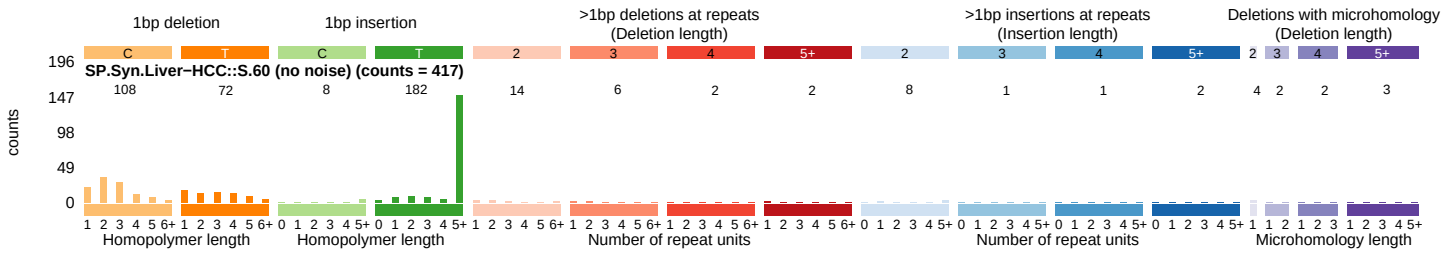
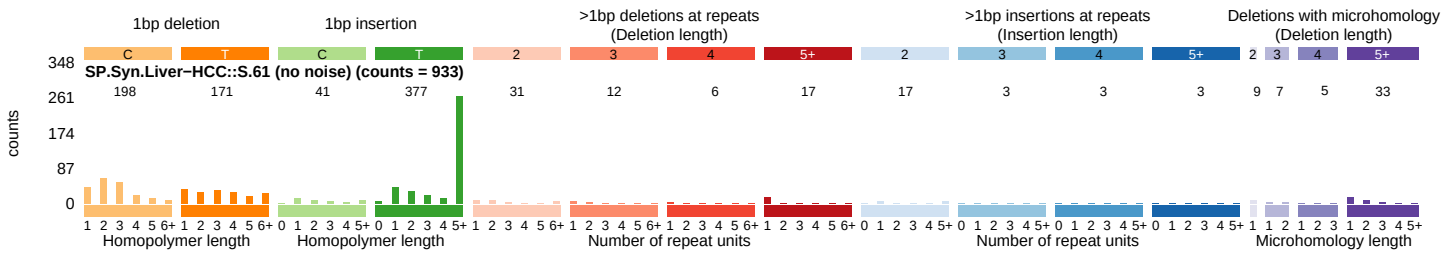
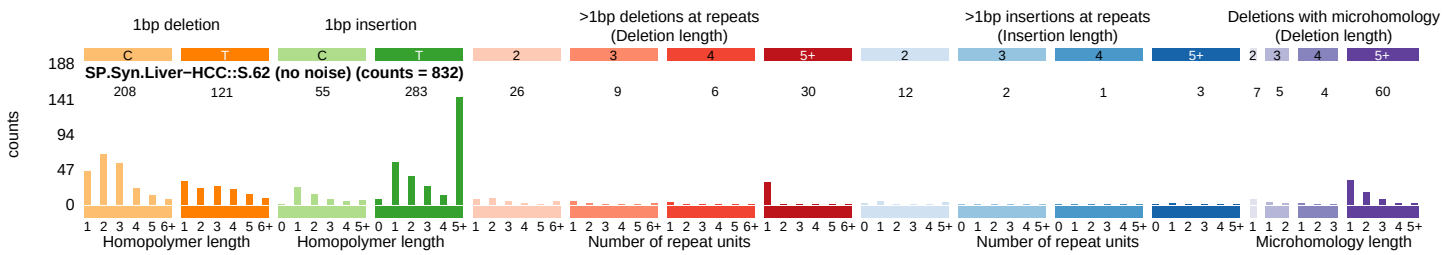
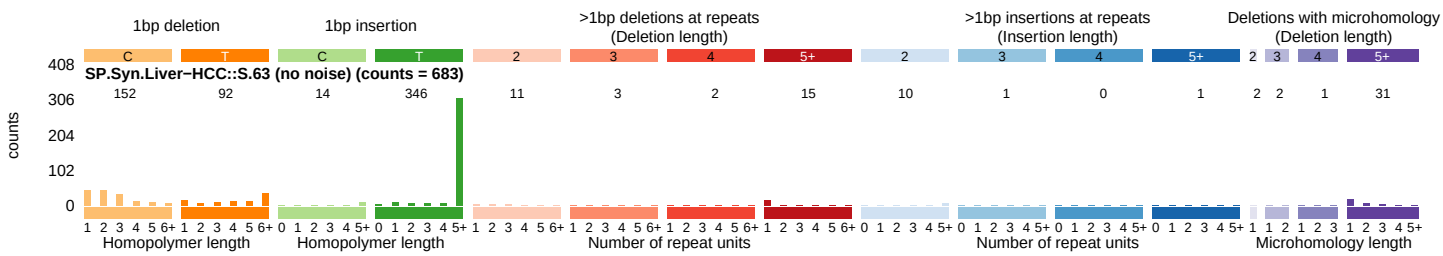
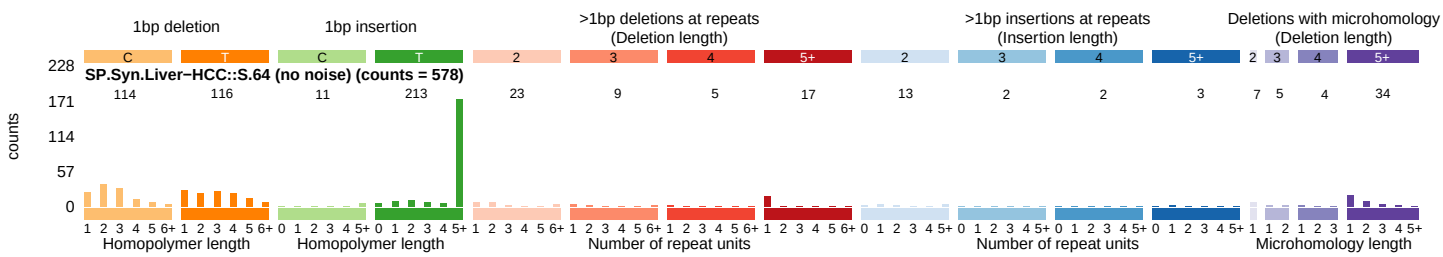
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.59 (no noise) (counts = 641)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
66 106 11 308 16 9 5 29 12 2 2 3 6 5 4 57
counts
368 276 184 92 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

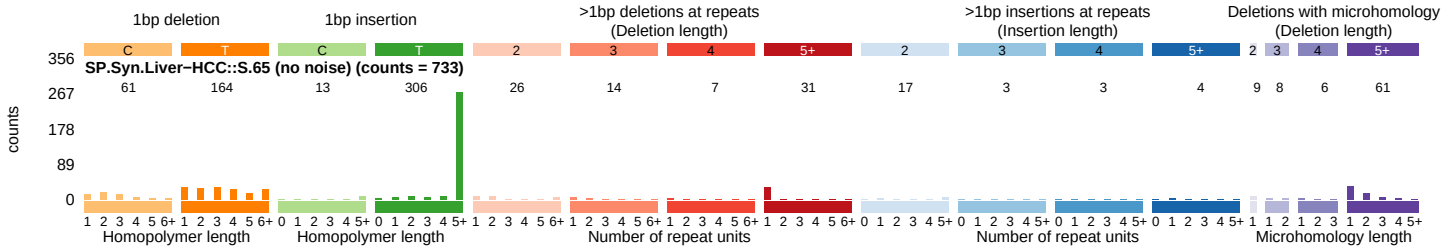

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.60 (no noise) (counts = 417)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
108 72 8 182 14 6 2 2 8 1 1 2 4 2 2 3
counts
196 147 98 49 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

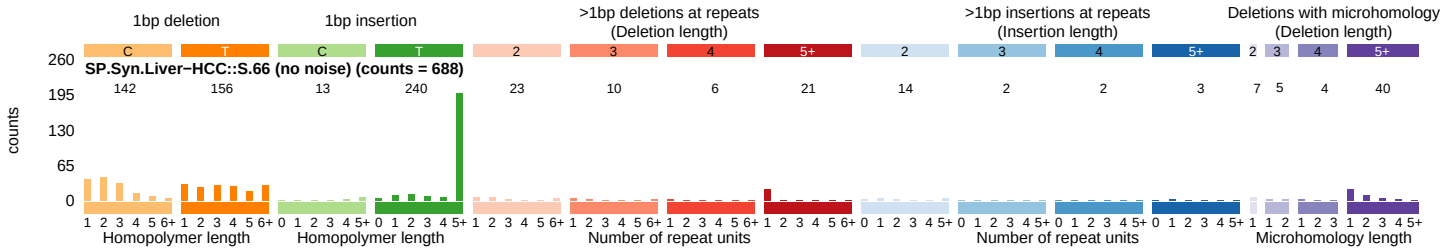

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.61 (no noise) (counts = 933)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
198 171 41 377 31 12 6 17 17 3 3 3 9 7 5 33
counts
348 261 174 87 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

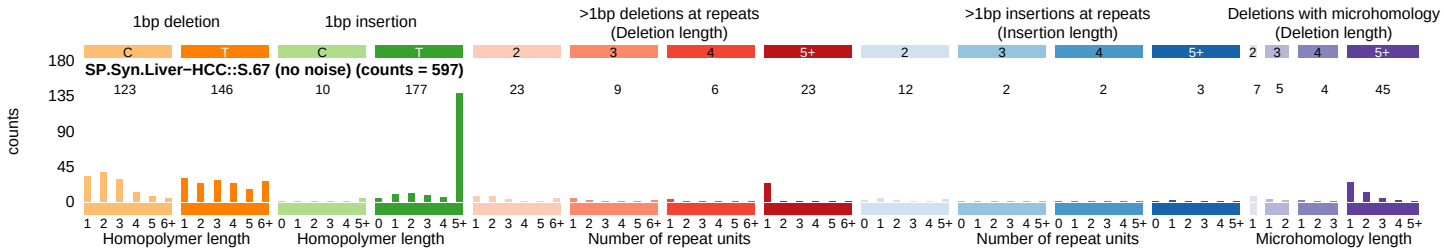

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.62 (no noise) (counts = 832)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
208 121 55 283 26 9 6 30 12 2 1 3 7 5 4 60
counts
188 141 94 47 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

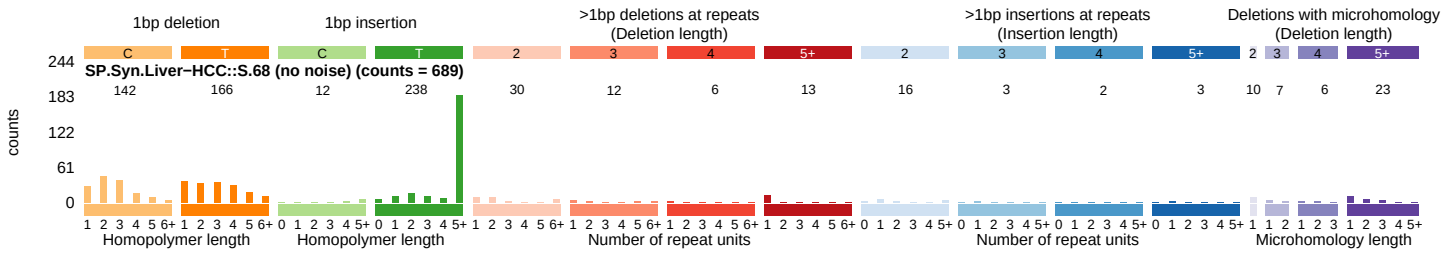

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.63 (no noise) (counts = 683)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
152 92 14 346 11 3 2 15 10 1 0 1 2 2 1 31
counts
408 306 204 102 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

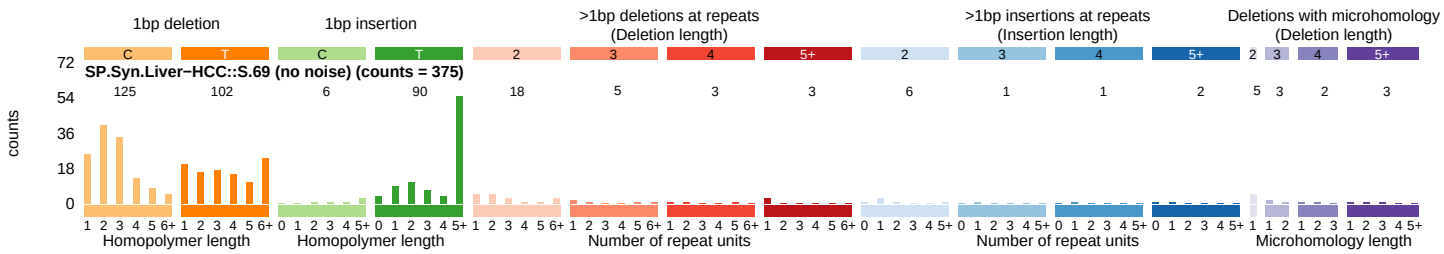

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.64 (no noise) (counts = 578)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
114 116 11 213 23 9 5 17 13 2 2 3 7 5 4 34
counts
228 171 114 57 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

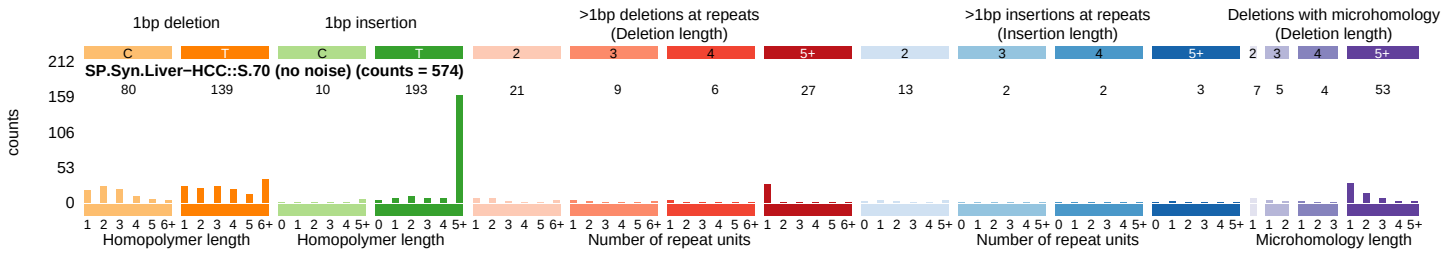

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.65 (no noise) (counts = 733)
61 164 13 306 26 14 7 31 17 3 3 4 9 8 6 61
counts
356 267 178 89 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

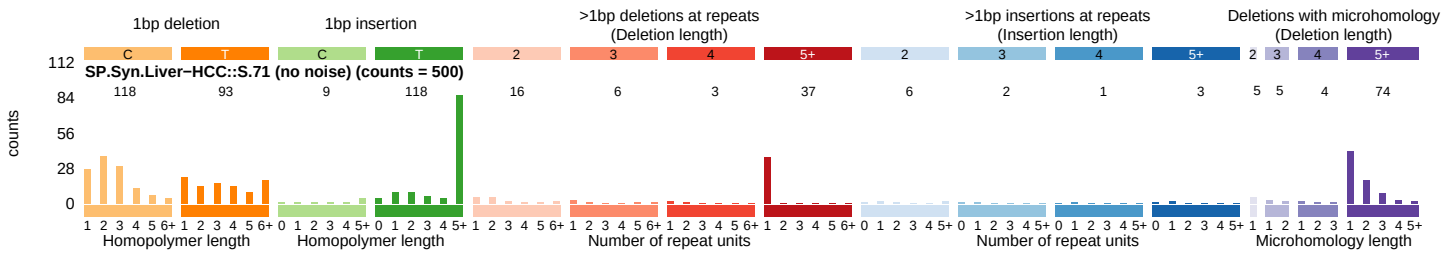

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.66 (no noise) (counts = 688)
142 156 13 240 23 10 6 21 14 2 2 3 7 5 4 40
counts
260 195 130 65 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

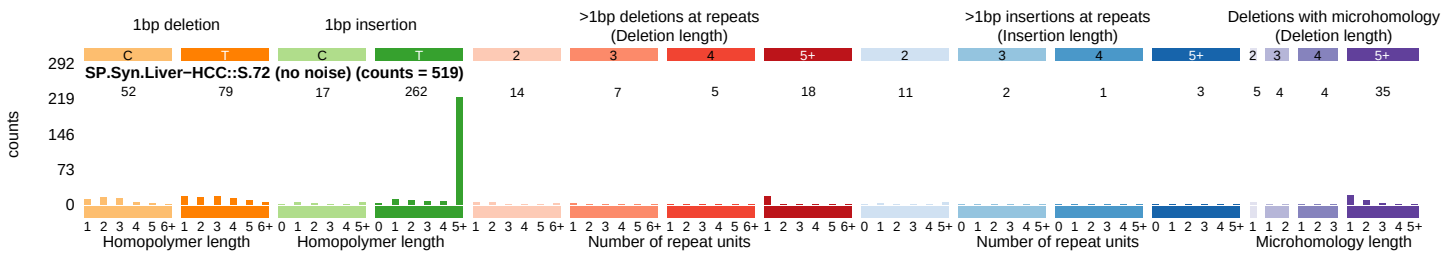

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.67 (no noise) (counts = 597)
123 146 10 177 23 9 6 23 12 2 2 3 7 5 4 45
counts
180 135 90 45 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

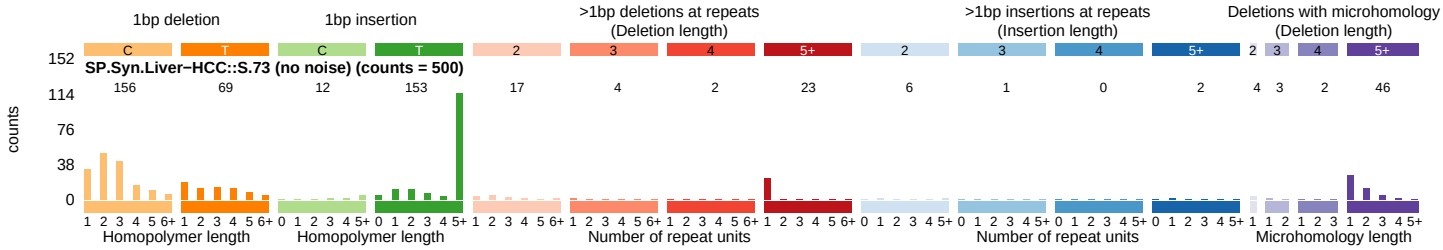

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.68 (no noise) (counts = 689)
142 166 12 238 30 12 6 13 16 3 2 3 10 7 6 23
counts
244 183 122 61 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

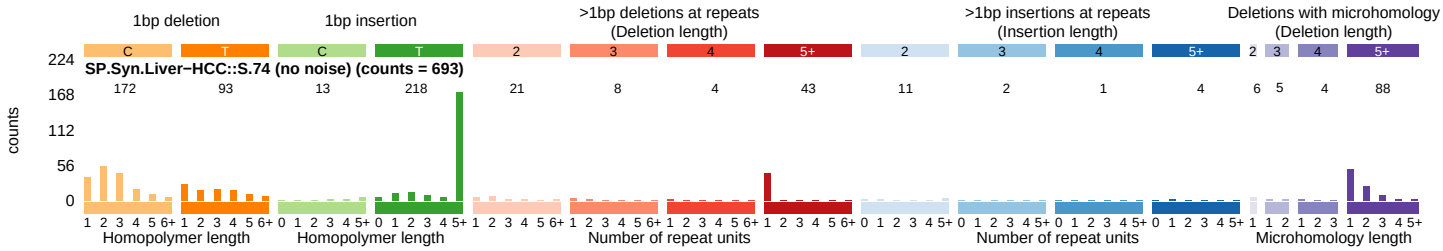

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.69 (no noise) (counts = 375)
125 102 6 90 18 5 3 3 6 1 1 2 5 3 2 3
counts
72 54 36 18 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

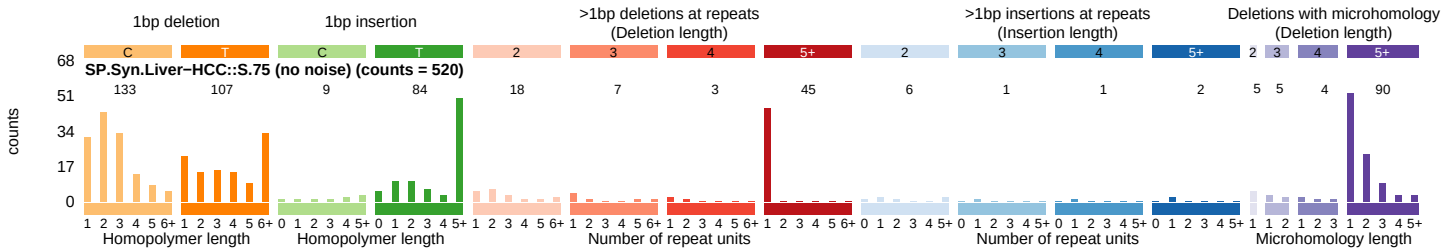

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.70 (no noise) (counts = 574)
80 139 10 193 21 9 6 27 13 2 2 3 7 5 4 53
counts
212 159 106 53 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

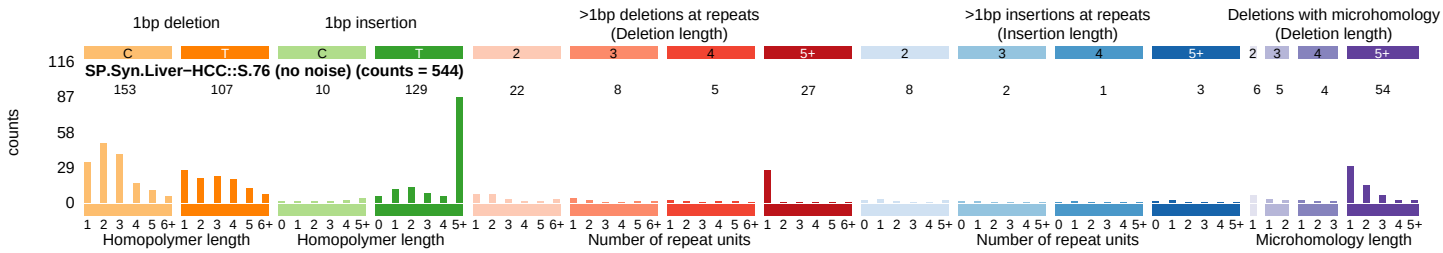

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.71 (no noise) (counts = 500)
118 93 9 118 16 6 3 37 6 2 1 3 5 5 4 74
counts
112 84 56 28 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

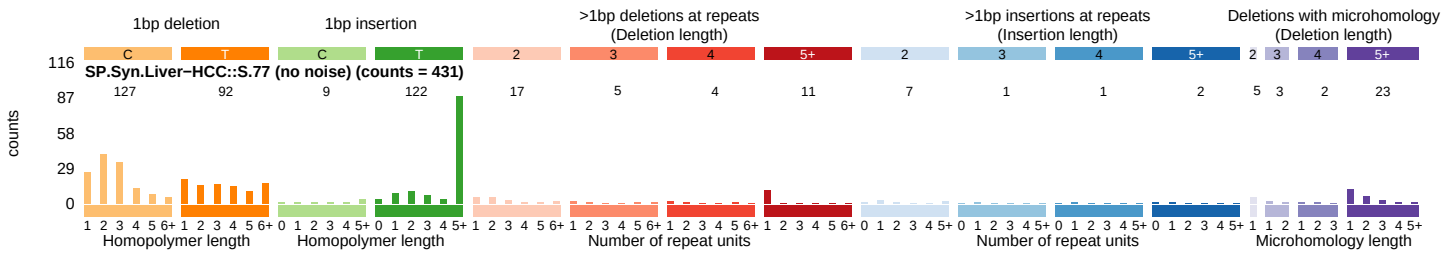

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.72 (no noise) (counts = 519)
52 79 17 262 14 7 5 18 11 2 1 3 5 4 4 35
counts
292 219 146 73 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

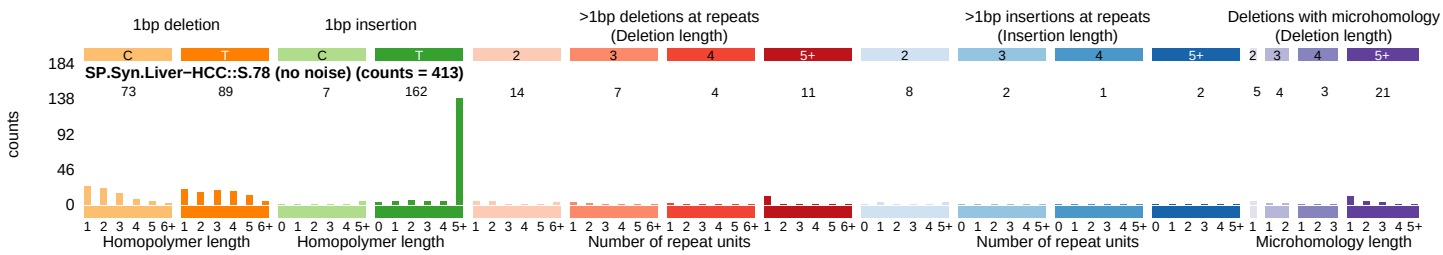

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.73 (no noise) (counts = 500)
156 69 12 153 17 4 2 23 6 1 0 2 4 3 2 46
counts
152 114 76 38 0
Homopolymer length
Number of repeat units
Microhomology length

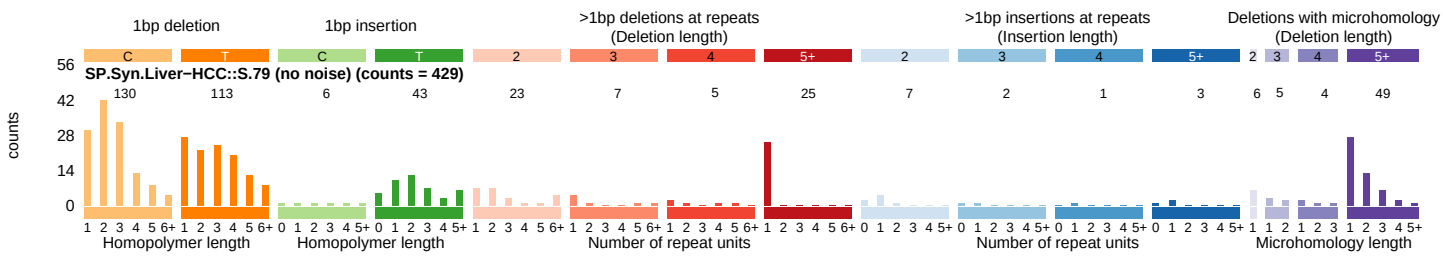

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.74 (no noise) (counts = 693)
172 93 13 218 21 8 4 43 11 2 1 4 6 5 4 88
counts
224 168 112 56 0
Homopolymer length
Number of repeat units
Microhomology length

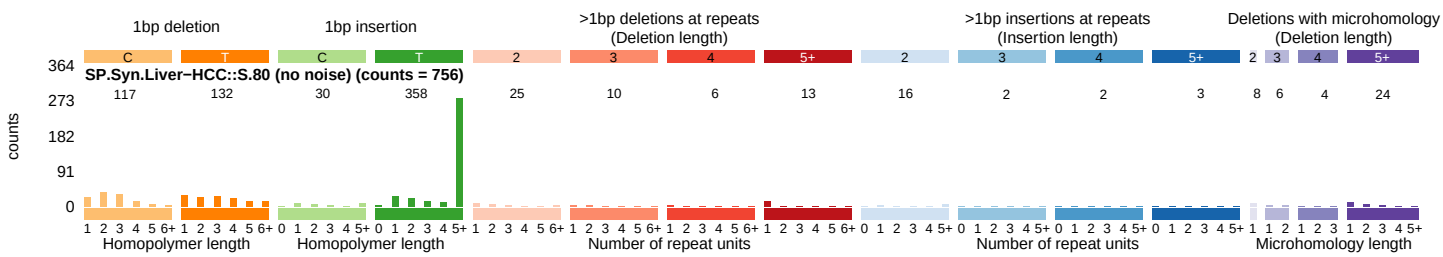

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.75 (no noise) (counts = 520)
133 107 9 84 18 7 3 45 6 1 1 2 5 5 4 90
counts
68 51 34 17 0
Homopolymer length
Number of repeat units
Microhomology length

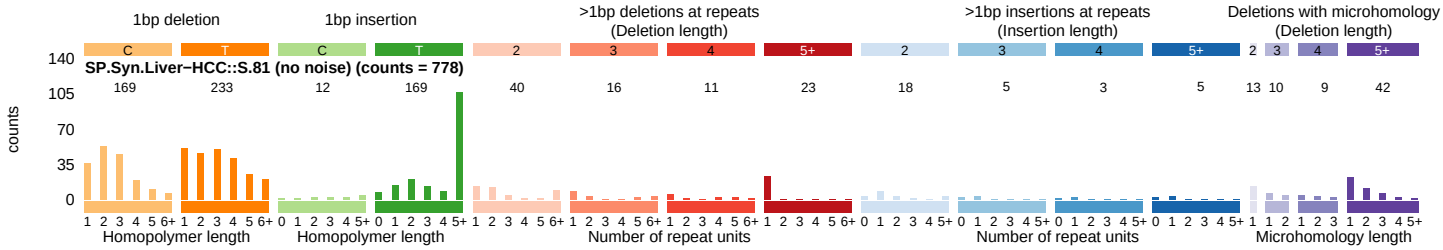

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.76 (no noise) (counts = 544)
153 107 10 129 22 8 5 27 8 2 1 3 6 5 4 54
counts
116 87 58 29 0
Homopolymer length
Number of repeat units
Microhomology length

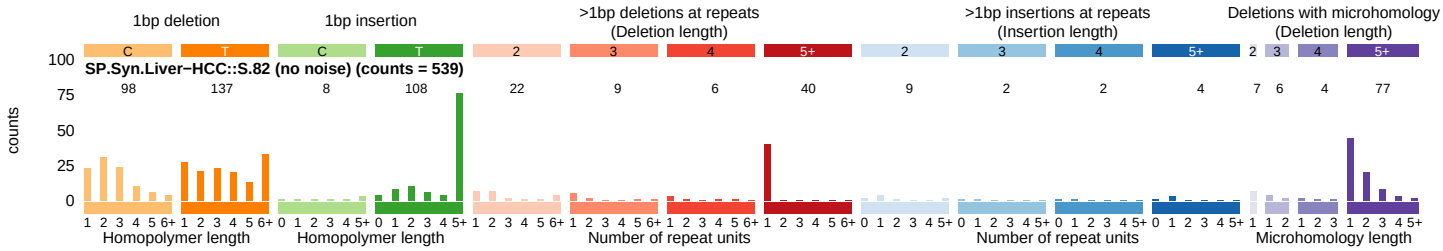

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.77 (no noise) (counts = 431)
127 92 9 122 17 5 4 11 7 1 1 2 5 3 2 23
counts
116 87 58 29 0
Homopolymer length
Number of repeat units
Microhomology length

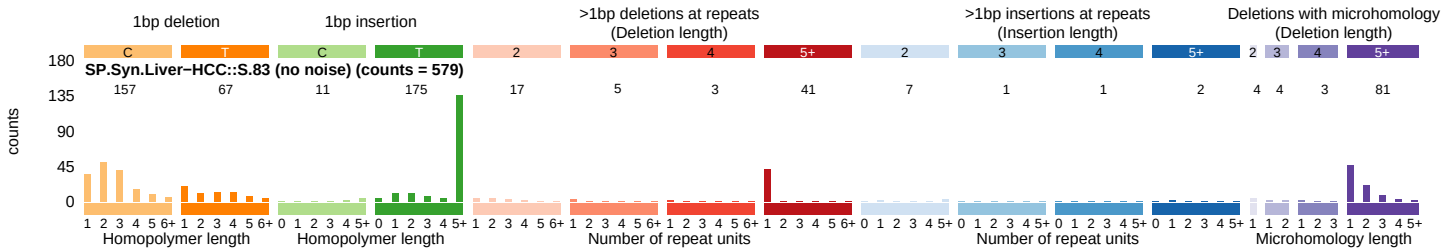

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.78 (no noise) (counts = 413)
73 89 7 162 14 7 4 11 8 2 1 2 5 4 3 21
counts
184 138 92 46 0
Homopolymer length
Number of repeat units
Microhomology length

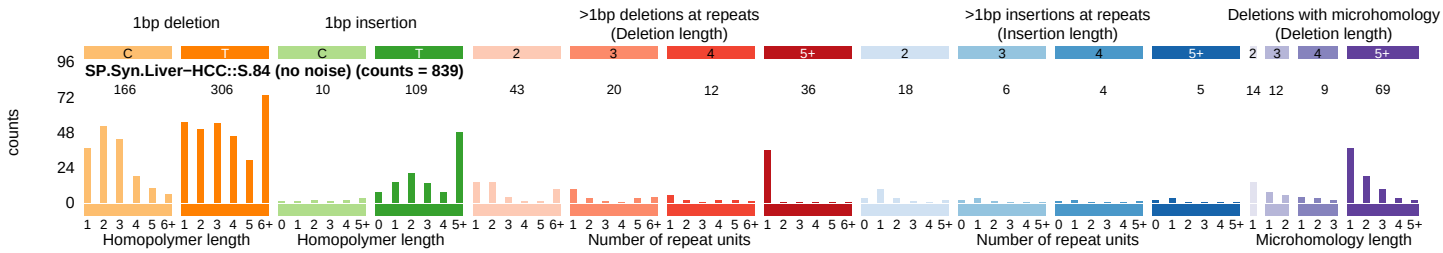

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.79 (no noise) (counts = 429)
130 113 6 43 23 7 5 25 7 2 1 3 6 5 4 49
counts
56 42 28 14 0
Homopolymer length
Number of repeat units
Microhomology length

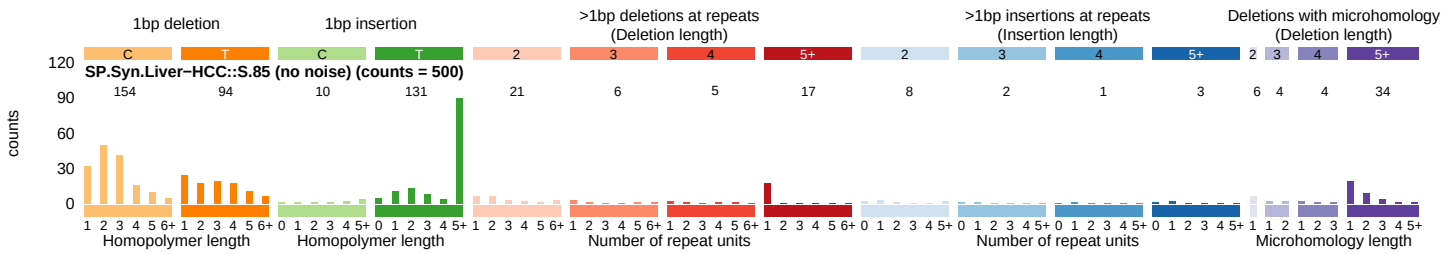

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.80 (no noise) (counts = 756)
117 132 30 358 25 10 6 13 16 2 2 3 8 6 4 24
counts
364 273 182 91 0
Homopolymer length
Number of repeat units
Microhomology length

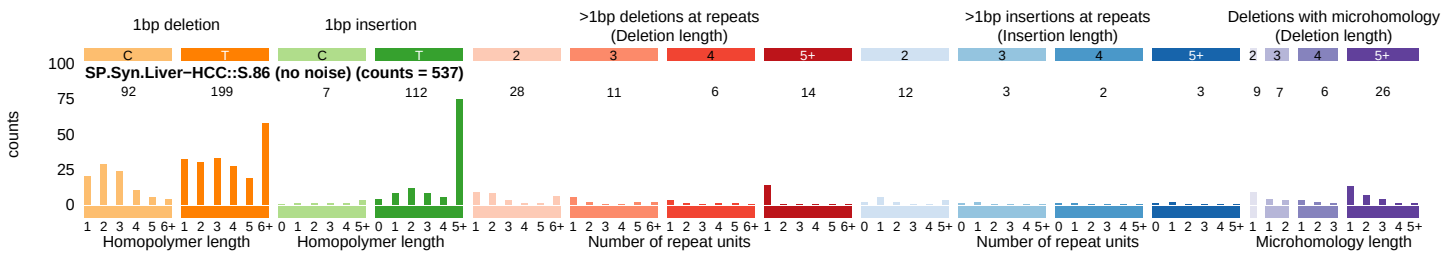

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.81 (no noise) (counts = 778)
169 233 12 169 40 16 11 23 18 5 3 5 13 10 9 42
counts
Homopolymer length
Number of repeat units
Microhomology length

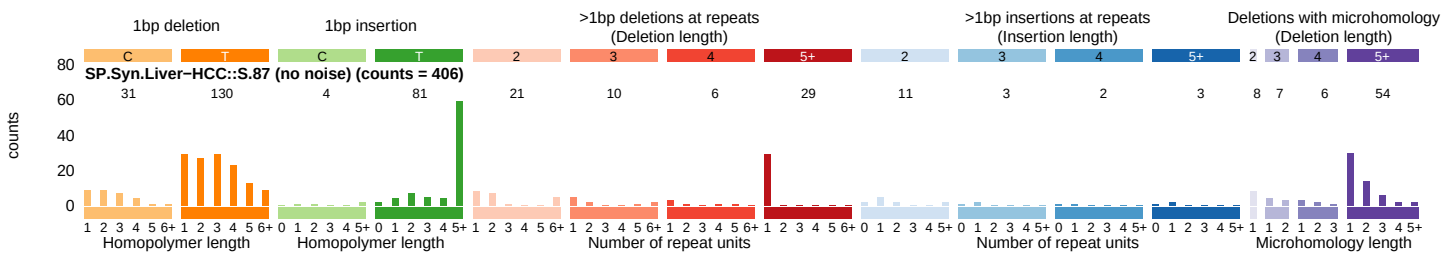

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.82 (no noise) (counts = 539)
98 137 8 108 22 9 6 40 9 2 2 4 7 6 4 77
counts
Homopolymer length
Number of repeat units
Microhomology length

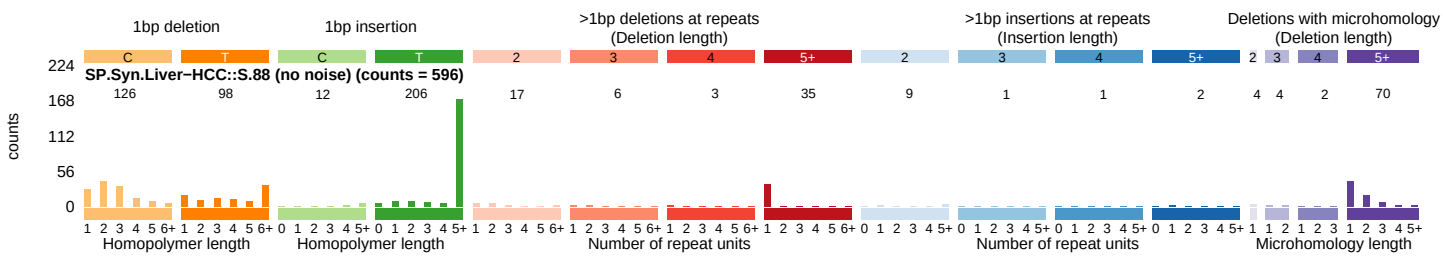

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.83 (no noise) (counts = 579)
157 67 11 175 17 5 3 41 7 1 1 2 4 4 3 81
counts
Homopolymer length
Number of repeat units
Microhomology length

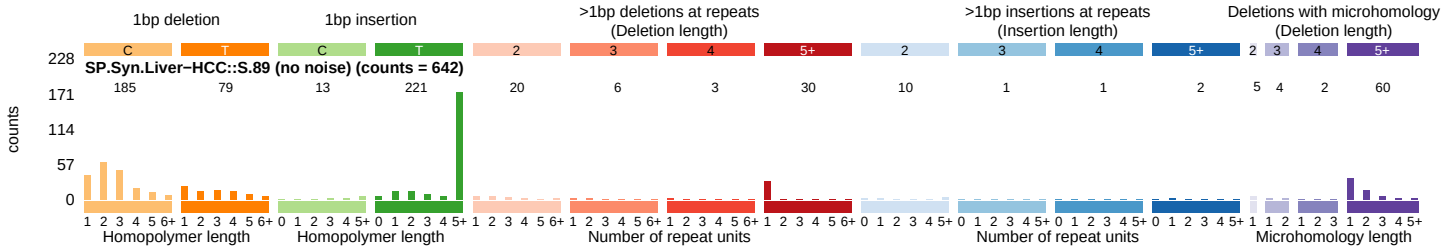

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.84 (no noise) (counts = 839)
166 306 10 109 43 20 12 36 18 6 4 5 14 12 9 69
counts
Homopolymer length
Number of repeat units
Microhomology length

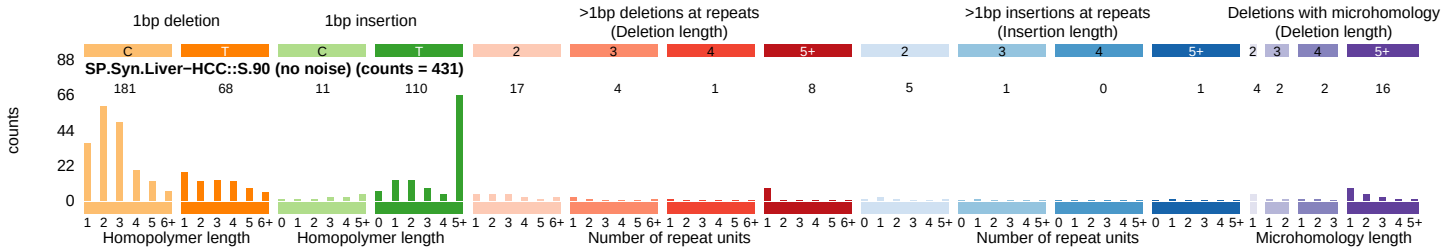

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.85 (no noise) (counts = 500)
154 94 10 131 21 6 5 17 8 2 1 3 6 4 4 34
counts
Homopolymer length
Number of repeat units
Microhomology length

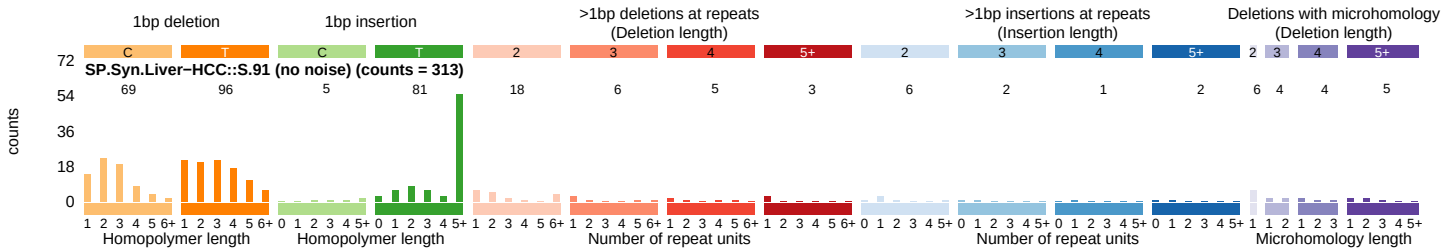

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.86 (no noise) (counts = 537)
92 199 7 112 28 11 6 14 12 3 2 3 9 7 6 26
counts
Homopolymer length
Number of repeat units
Microhomology length

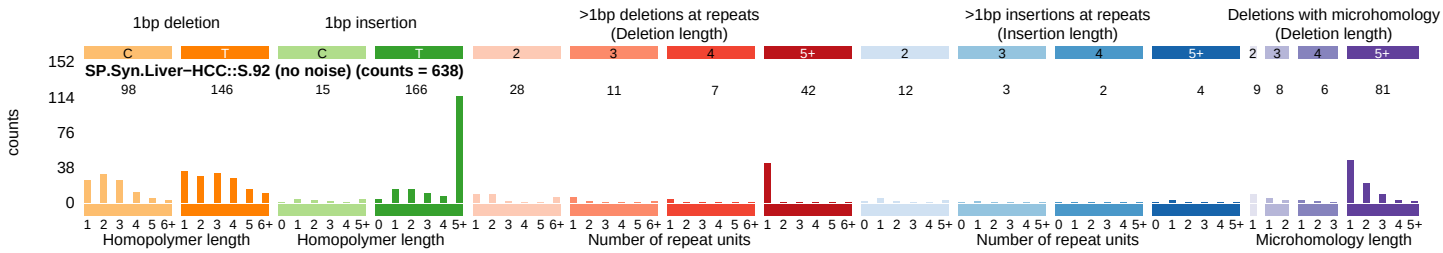

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.87 (no noise) (counts = 406)
31 130 4 81 21 10 6 29 11 3 2 3 8 7 6 54
counts
Homopolymer length
Number of repeat units
Microhomology length

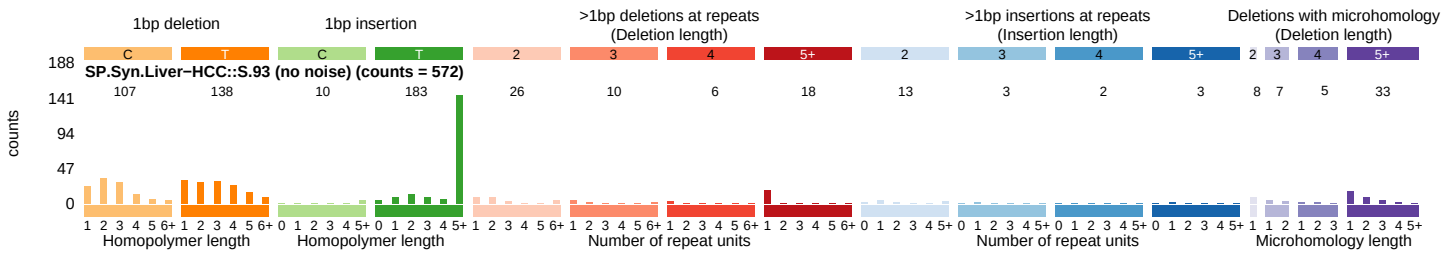

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.88 (no noise) (counts = 596)
126 98 12 206 17 6 3 35 9 1 1 2 4 4 2 70
counts
Homopolymer 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.89 (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.90 (no noise) (counts = 431)
181 68 11 110 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.91 (no noise) (counts = 313)
69 96 5 81 18 6 5 3 6 2 1 2 6 4 4 5
counts
Homopolymer length
Number of repeat units
Microhomology 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.92 (no noise) (counts = 638)
98 146 15 166 28 11 7 42 12 3 2 4 9 8 6 81
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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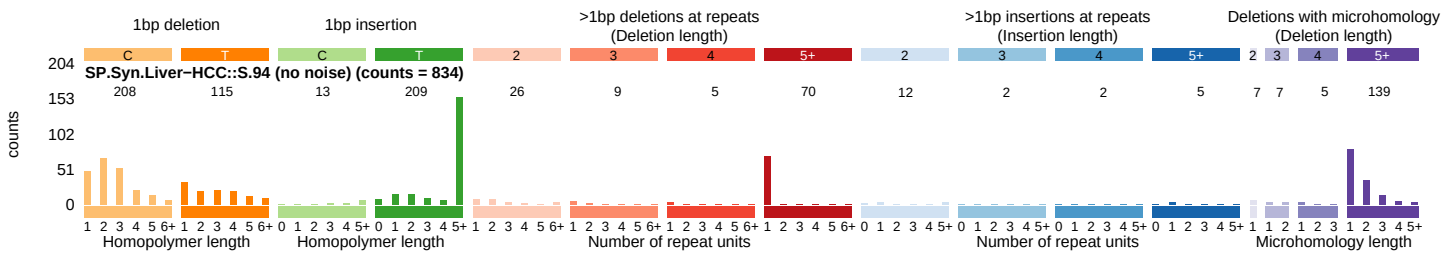
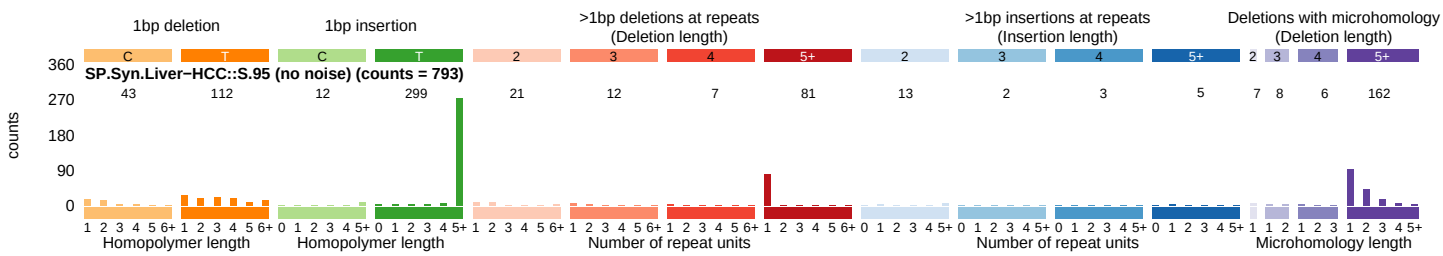
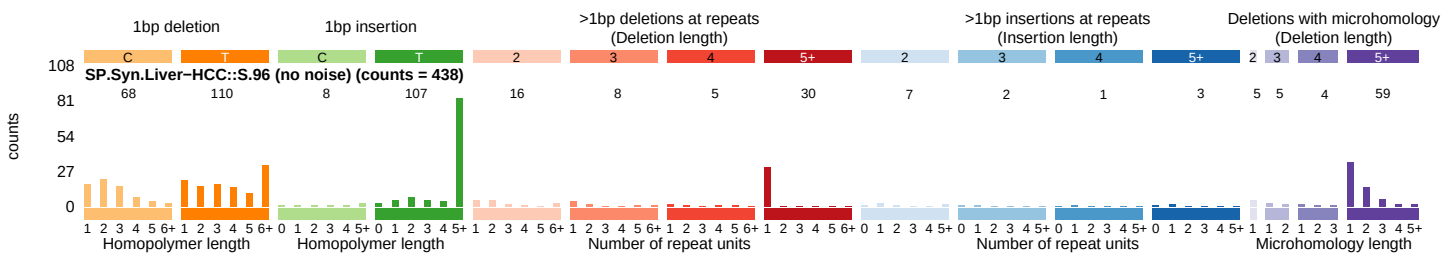
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.93 (no noise) (counts = 572)
107 138 10 183 26 10 6 18 13 3 2 3 8 7 5 33
counts
Homopolymer length
Number of repeat units
Microhomology length


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.94 (no noise) (counts = 834)
208 115 13 209 26 9 5 70 12 2 2 5 7 7 5 139
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.Liver−HCC::S.95 (no noise) (counts = 793)
43 112 12 299 21 12 7 81 13 2 3 5 7 8 6 162
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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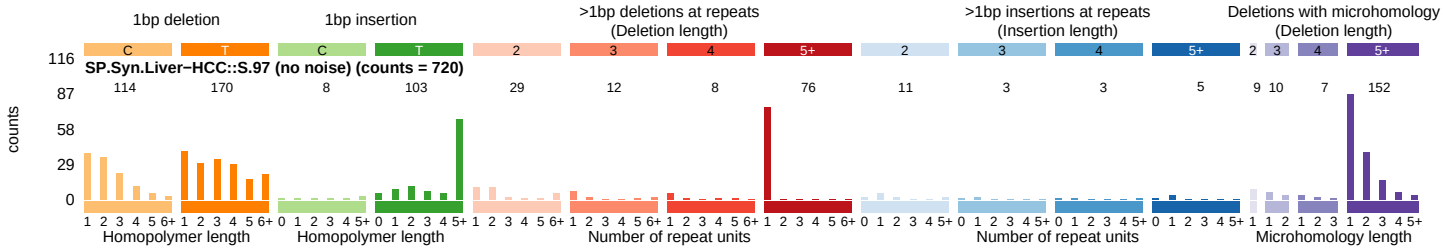
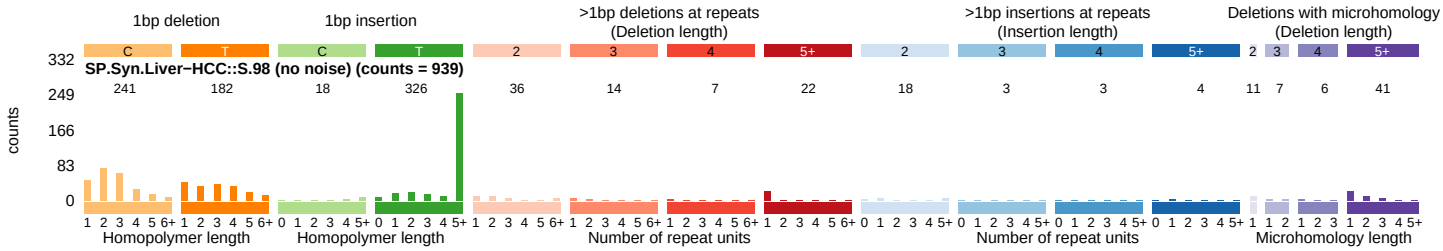
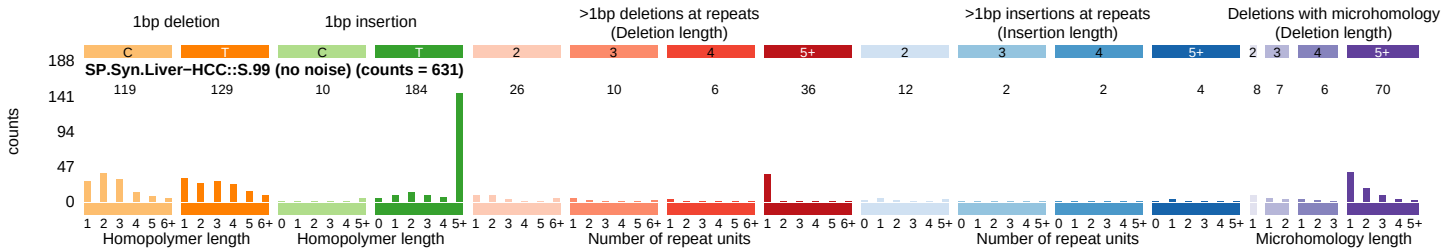
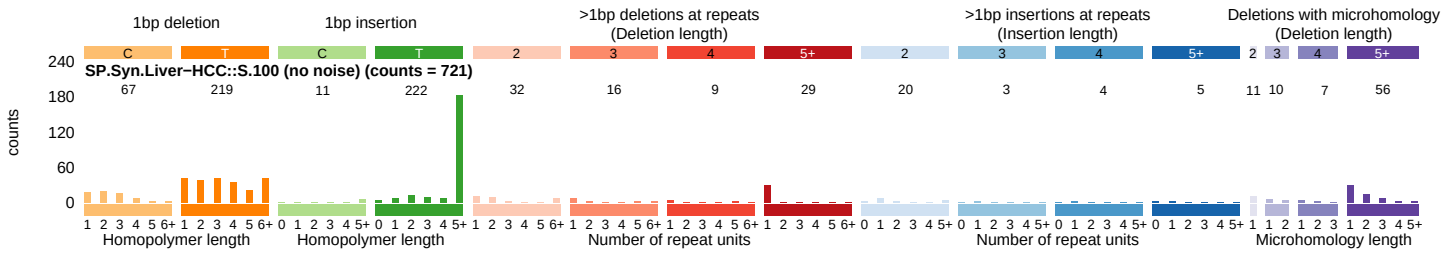
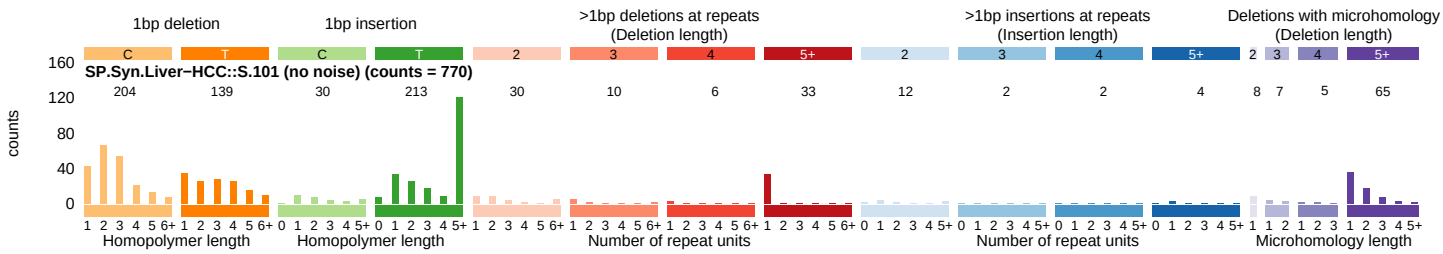
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.96 (no noise) (counts = 438)
68 110 8 107 16 8 5 30 7 2 1 3 5 5 4 59
counts
Homopolymer length
Number of repeat units
Microhomology length

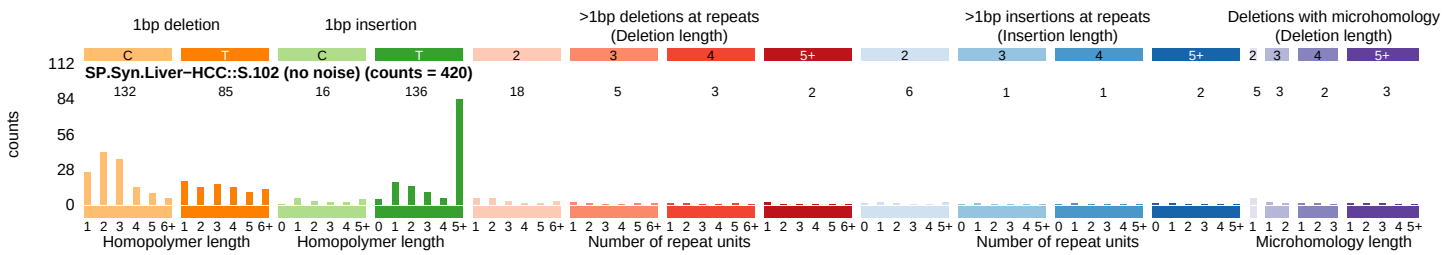

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.97 (no noise) (counts = 720)
114 170 8 103 29 12 8 76 11 3 3 5 9 10 7 152
counts
Homopolymer length
Number of repeat units
Microhomology length

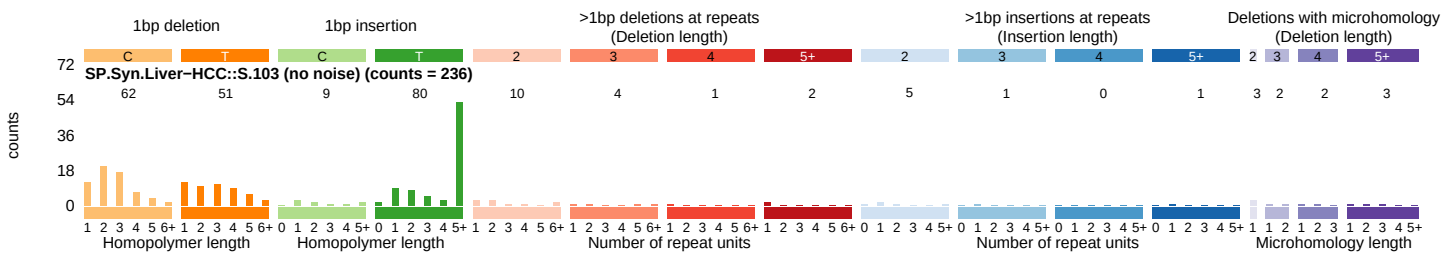

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.98 (no noise) (counts = 939)
241 182 18 326 36 14 7 22 18 3 3 4 11 7 6 41
counts
Homopolymer length
Number of repeat units
Microhomology length

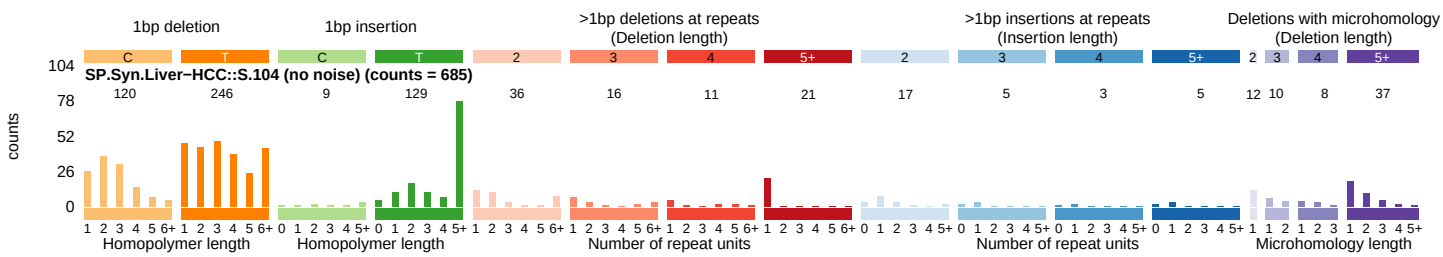

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.99 (no noise) (counts = 631)
119 129 10 184 26 10 6 36 12 2 2 4 8 7 6 70
counts
Homopolymer length
Number of repeat units
Microhomology length

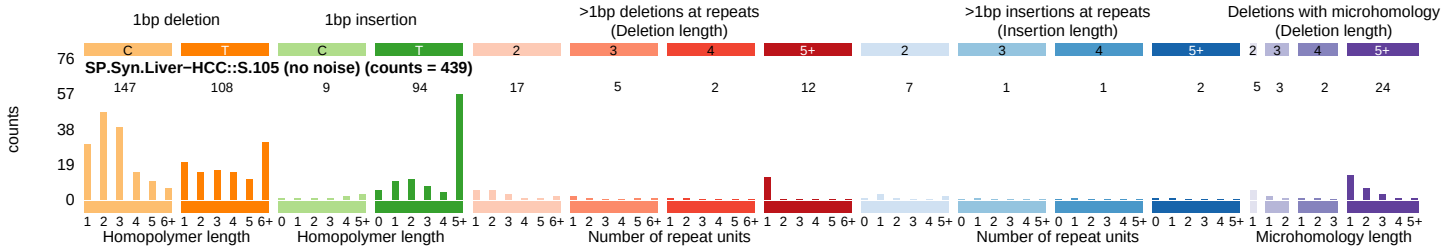

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.100 (no noise) (counts = 721)
67 219 11 222 32 16 9 29 20 3 4 5 11 10 7 56
counts
Homopolymer length
Number of repeat 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.Liver−HCC::S.101 (no noise) (counts = 770)
204 139 30 213 30 10 6 33 12 2 2 4 8 7 5 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.102 (no noise) (counts = 420)
132 85 16 136 18 5 3 2 6 1 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.103 (no noise) (counts = 236)
62 51 9 80 10 4 1 2 5 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)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.104 (no noise) (counts = 685)
120 246 9 129 36 16 11 21 17 5 3 5 12 10 8 37
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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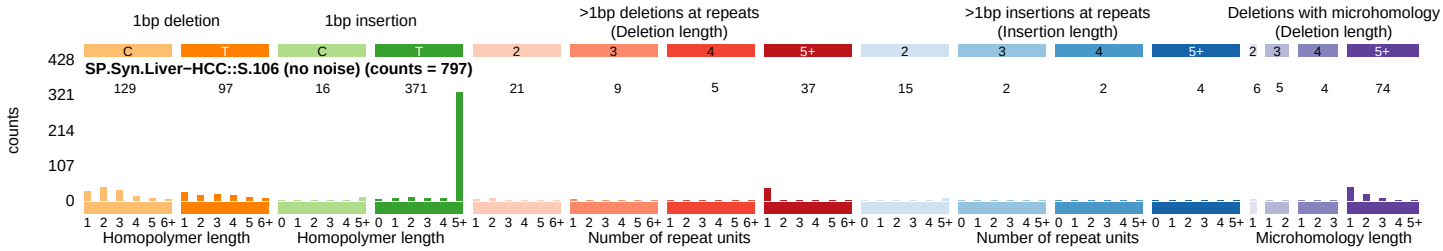
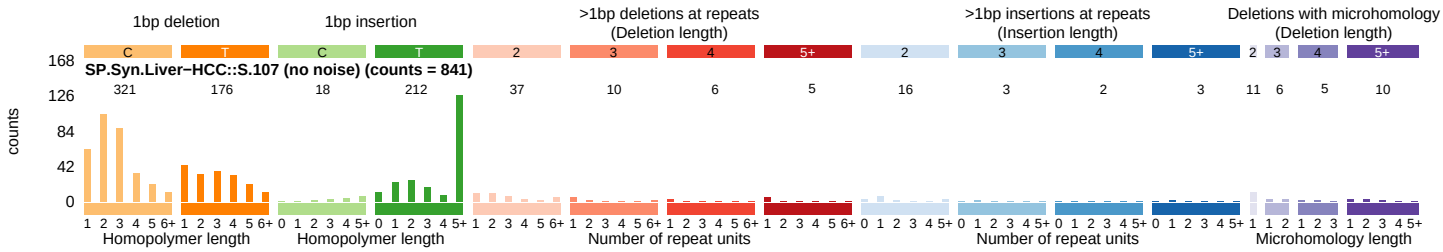
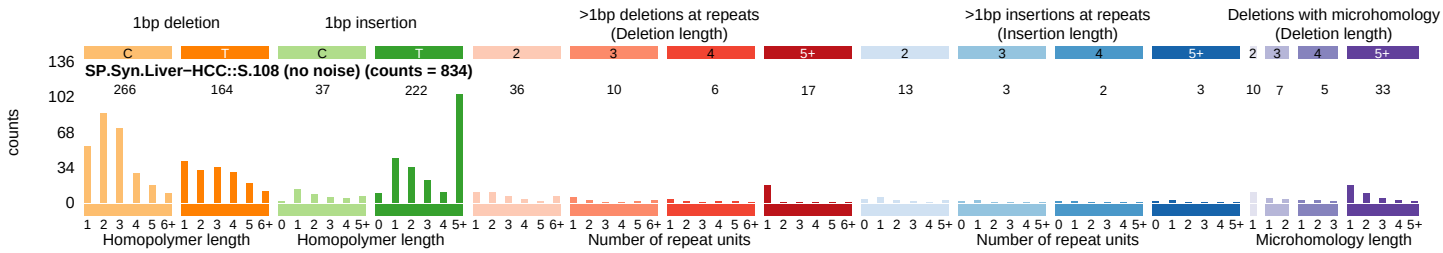
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.105 (no noise) (counts = 439)
147 108 9 94 17 5 2 12 7 1 1 2 5 3 2 24
counts
76 57 38 19 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 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.106 (no noise) (counts = 797)
129 97 16 371 21 9 5 37 15 2 2 4 6 5 4 74
counts
428 321 214 107 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.107 (no noise) (counts = 841)
321 176 18 212 37 10 6 5 16 3 2 3 11 6 5 10
counts
168 126 84 42 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)
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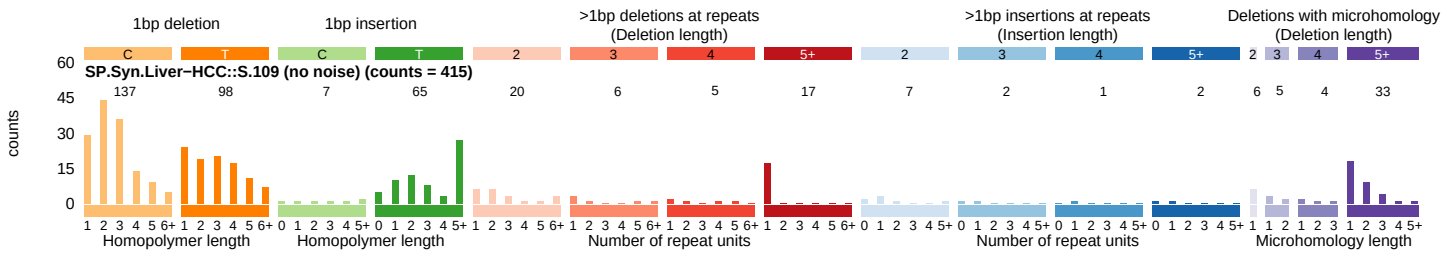
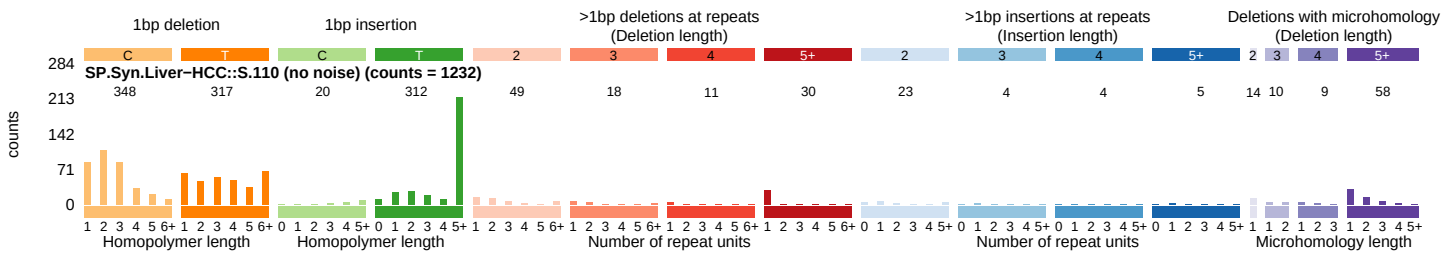
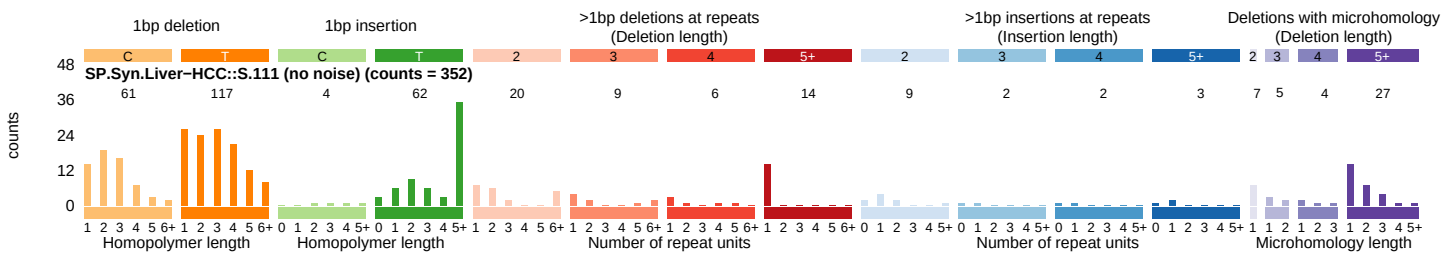
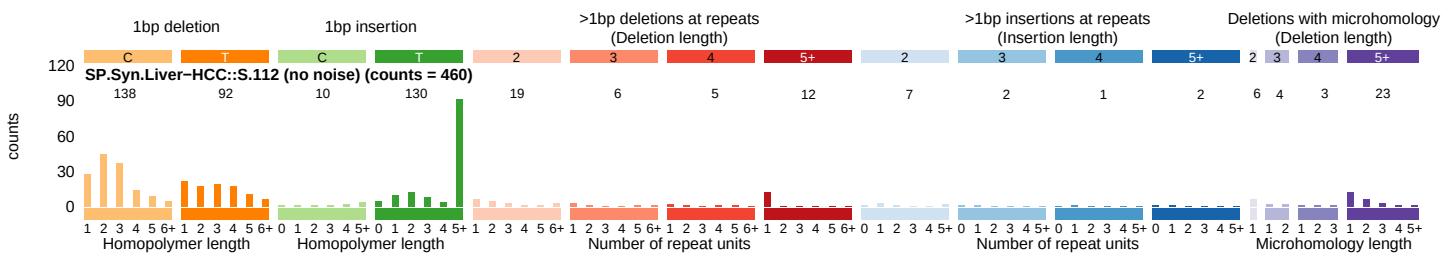
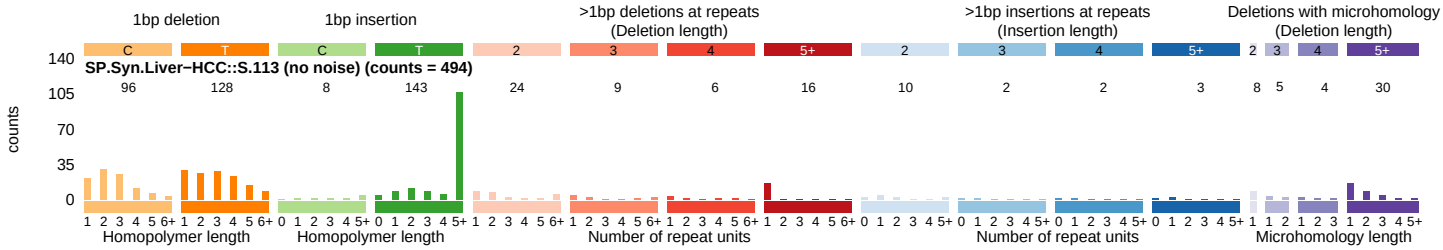
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.108 (no noise) (counts = 834)
266 164 37 222 36 10 6 17 13 3 2 3 10 7 5 33
counts
136 102 68 34 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 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

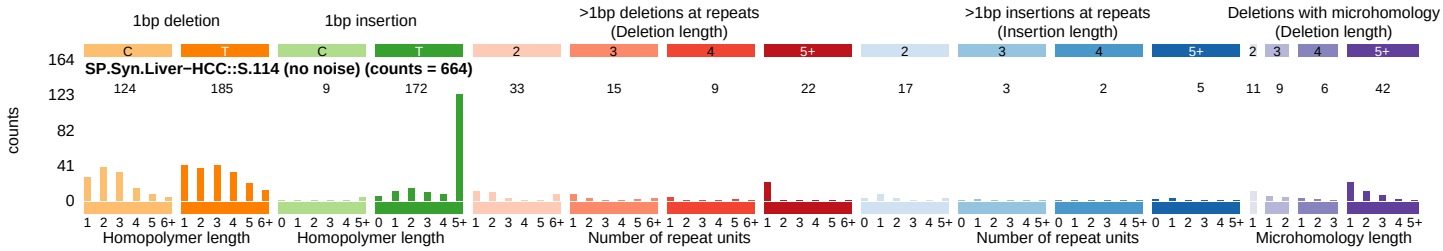

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.109 (no noise) (counts = 415)
137 98 7 65 20 6 5 17 7 2 1 2 6 5 4 33
counts
60 45 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+ 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

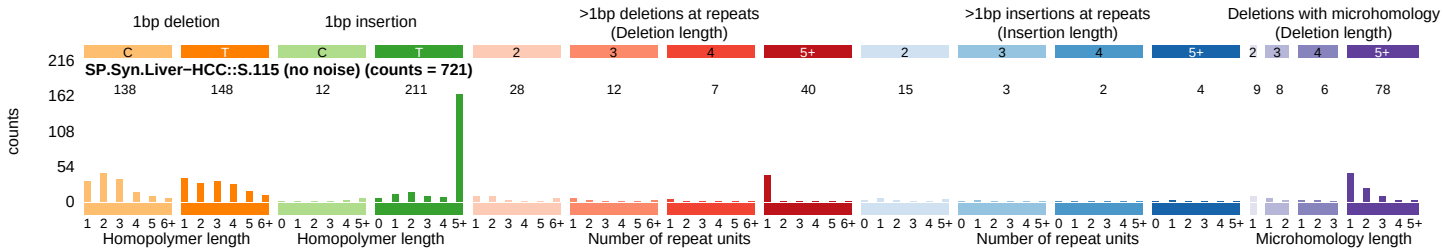

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.110 (no noise) (counts = 1232)
348 317 20 312 49 18 11 30 23 4 4 5 14 10 9 58
counts
284 213 142 71 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

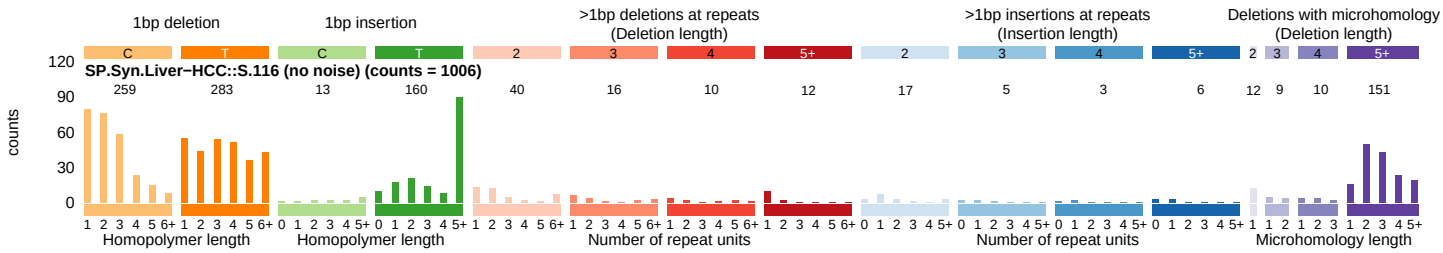

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.111 (no noise) (counts = 352)
61 117 4 62 20 9 6 14 9 2 2 3 7 5 4 27
counts
48 36 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+ 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

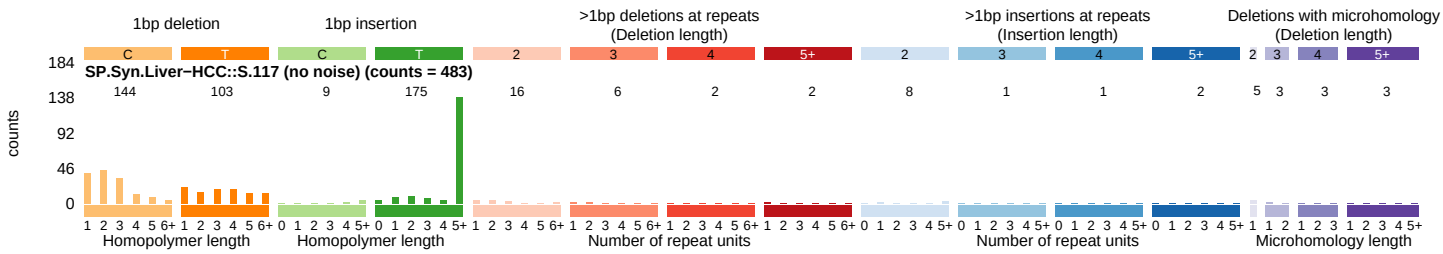

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.112 (no noise) (counts = 460)
138 92 10 130 19 6 5 12 7 2 1 2 6 4 3 23
counts
120 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+ 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

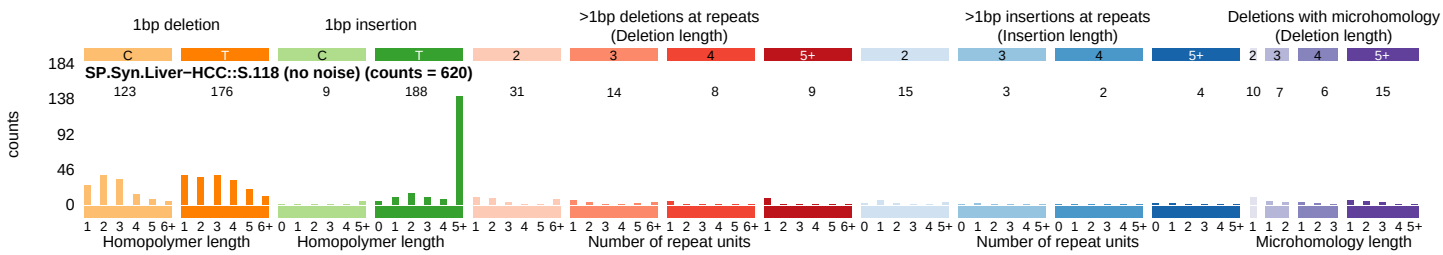

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.113 (no noise) (counts = 494)
96 128 8 143 24 9 6 16 10 2 2 3 8 5 4 30
counts
Homopolymer length
Number of repeat units
Microhomology length

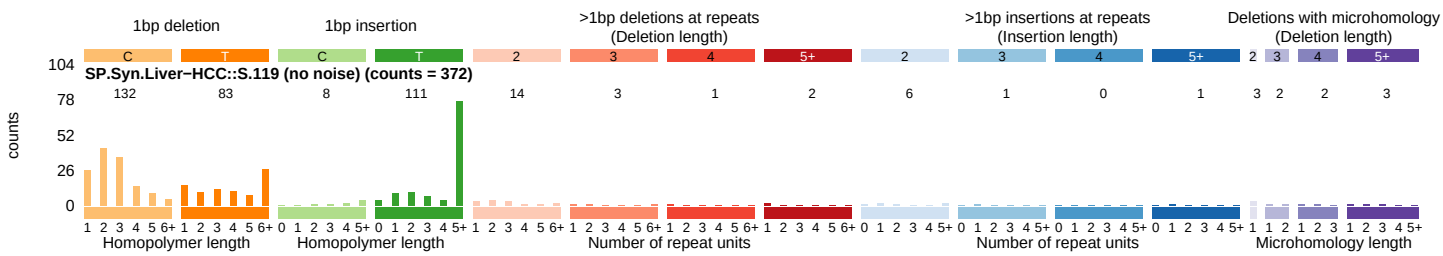

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.114 (no noise) (counts = 664)
124 185 9 172 33 15 9 22 17 3 2 5 11 9 6 42
counts
Homopolymer length
Number of repeat units
Microhomology length

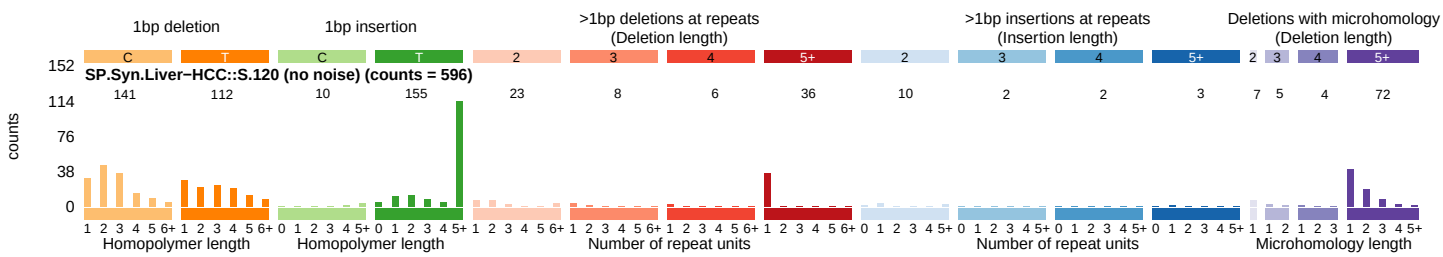

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.115 (no noise) (counts = 721)
138 148 12 211 28 12 7 40 15 3 2 4 9 8 6 78
counts
Homopolymer length
Number of repeat units
Microhomology length

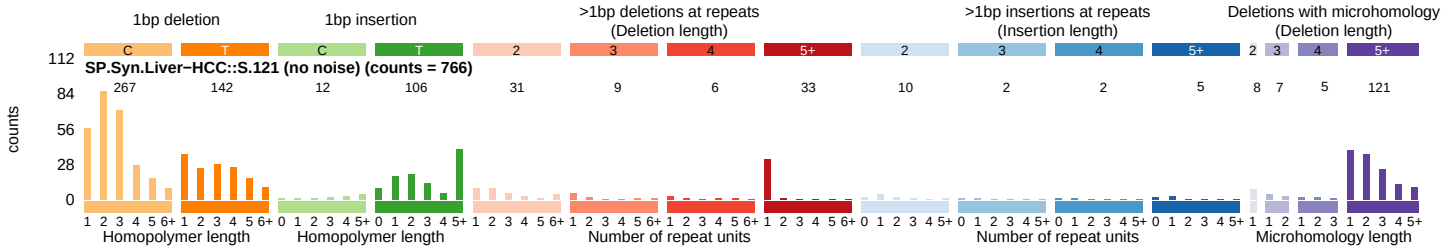

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.116 (no noise) (counts = 1006)
259 283 13 160 40 16 10 12 17 5 3 6 12 9 10 151
counts
Homopolymer length
Number of repeat units
Microhomology length

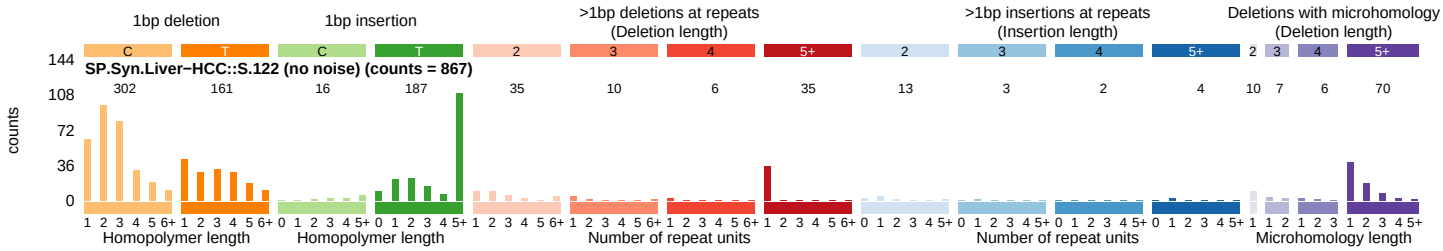

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.117 (no noise) (counts = 483)
144 103 9 175 16 6 2 2 8 1 1 2 5 3 3 3
counts
Homopolymer length
Number of repeat units
Microhomology length

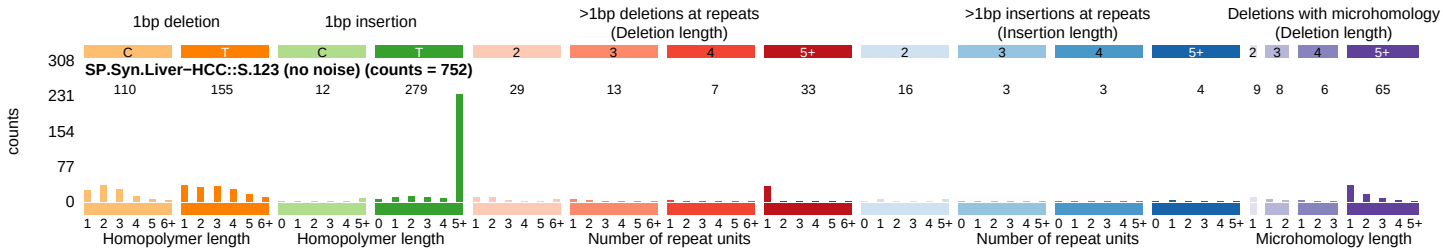

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.118 (no noise) (counts = 620)
123 176 9 188 31 14 8 9 15 3 2 4 10 7 6 15
counts
Homopolymer length
Number of repeat units
Microhomology length

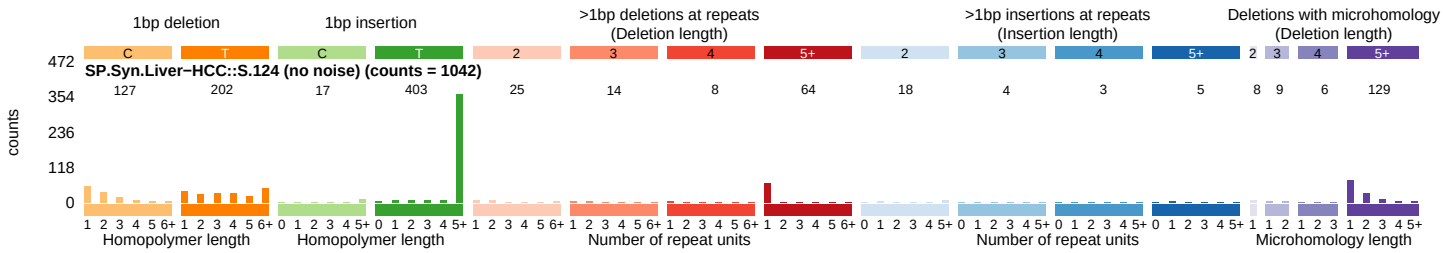

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.119 (no noise) (counts = 372)
132 83 8 111 14 3 1 2 6 1 0 1 3 2 2 3
counts
Homopolymer length
Number of repeat units
Microhomology length

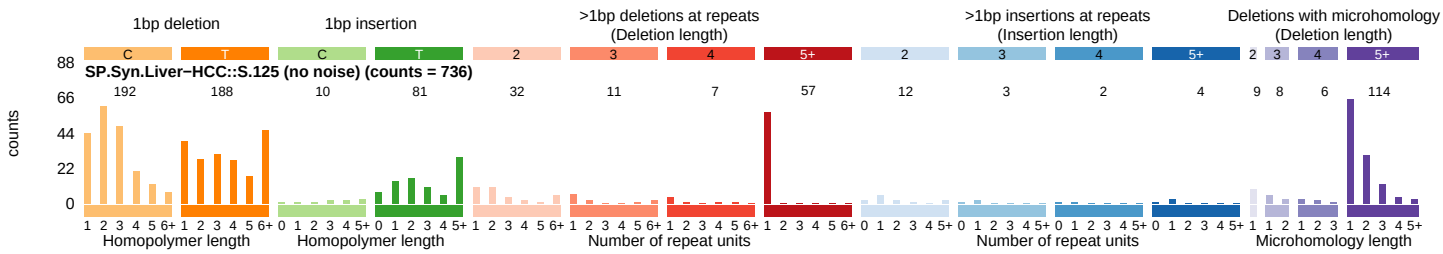

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.120 (no noise) (counts = 596)
141 112 10 155 23 8 6 36 10 2 2 3 7 5 4 72
counts
Homopolymer length
Number of repeat units
Microhomology length

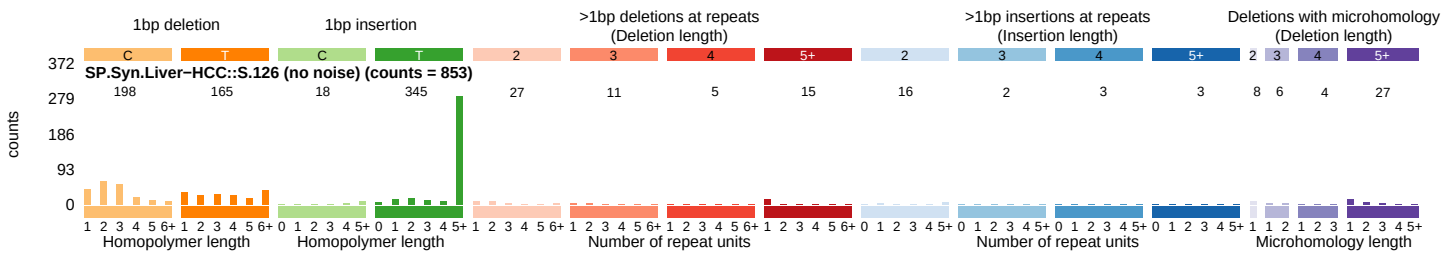

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.121 (no noise) (counts = 766)
counts
Homopolymer length
Number of repeat units
Microhomology length

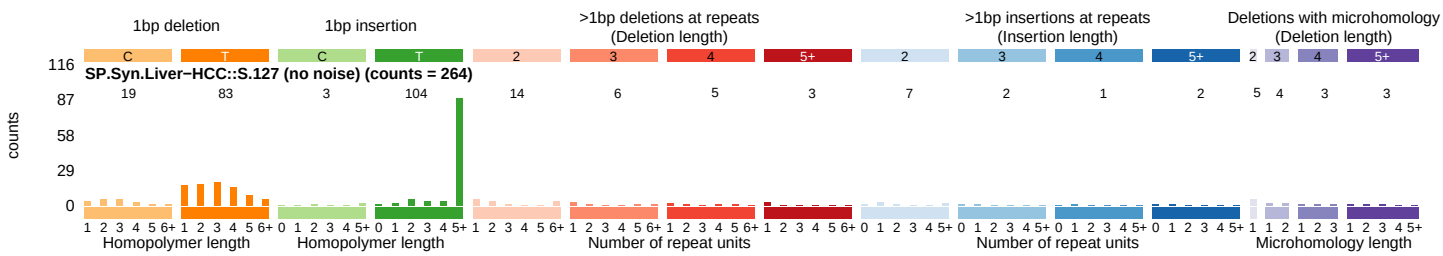

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.122 (no noise) (counts = 867)
counts
Homopolymer length
Number of repeat units
Microhomology length

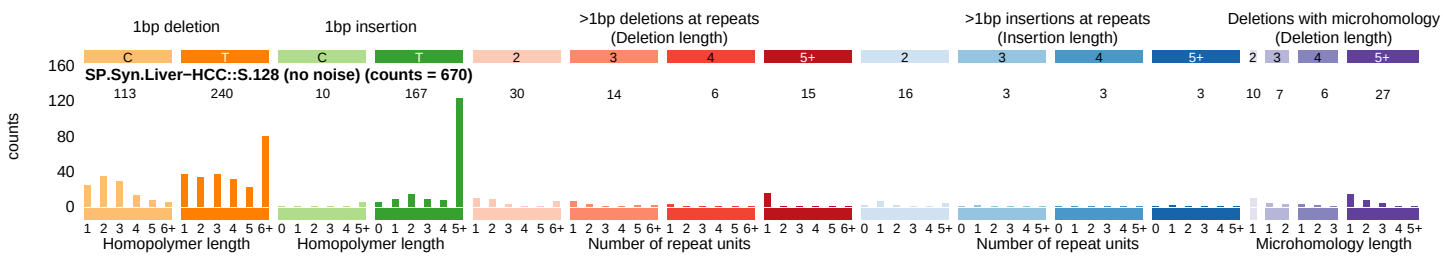

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.123 (no noise) (counts = 752)
counts
Homopolymer length
Number of repeat units
Microhomology length

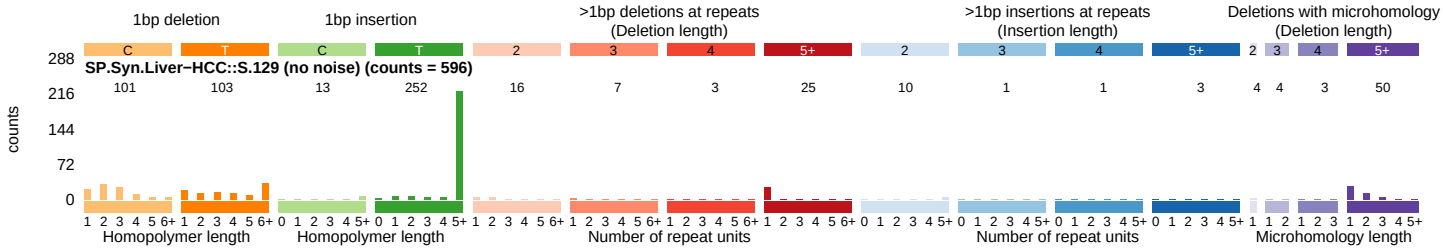

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.124 (no noise) (counts = 1042)
counts
Homopolymer length
Number of repeat units
Microhomology length

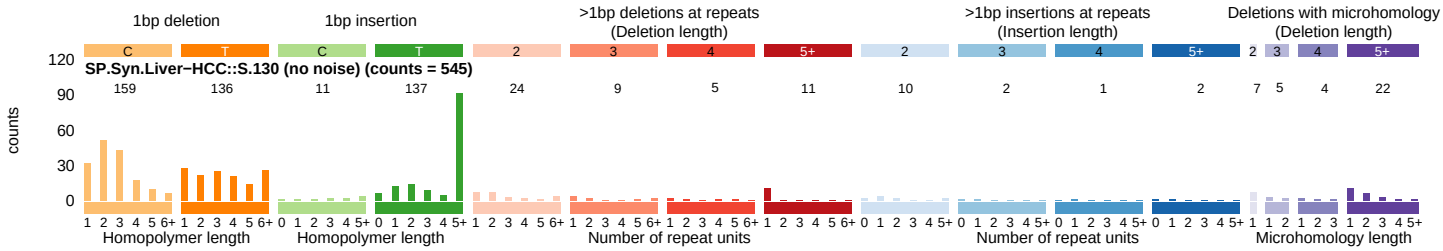

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.125 (no noise) (counts = 736)
counts
Homopolymer length
Number of repeat units
Microhomology length

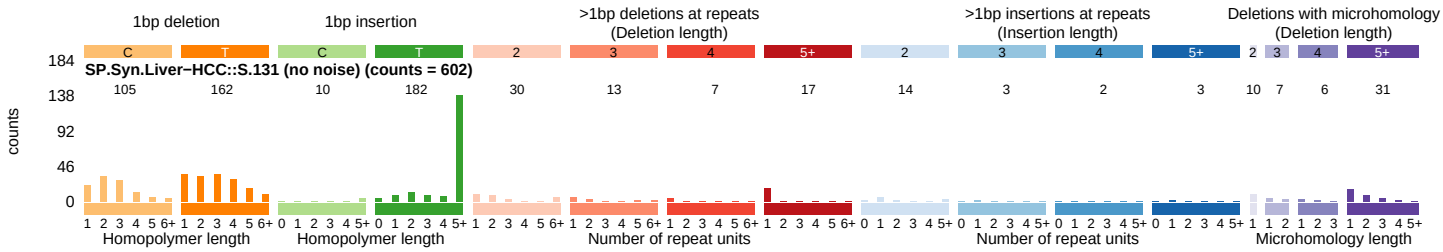

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.126 (no noise) (counts = 853)
counts
Homopolymer length
Number of repeat units
Microhomology length

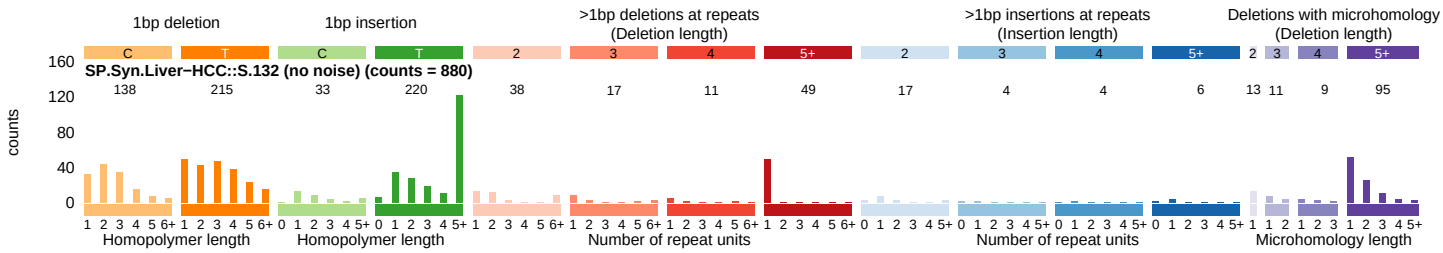

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.127 (no noise) (counts = 264)
counts
Homopolymer length
Number of repeat units
Microhomology length

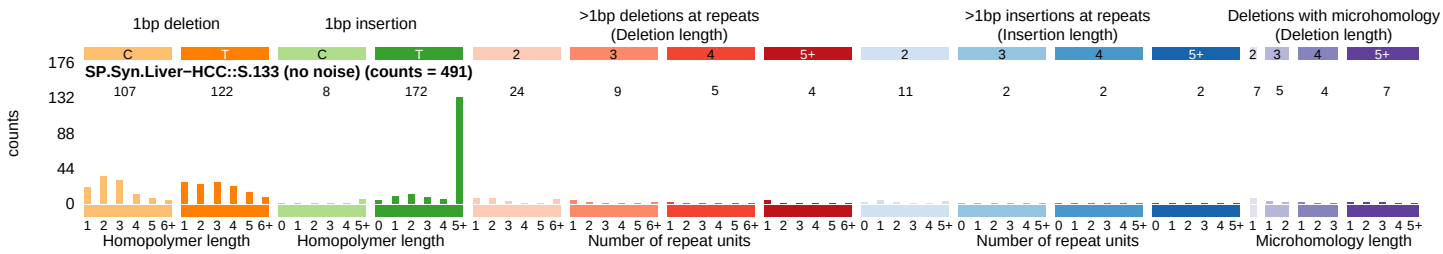

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.128 (no noise) (counts = 670)
counts
Homopolymer length
Number of repeat units
Microhomology length

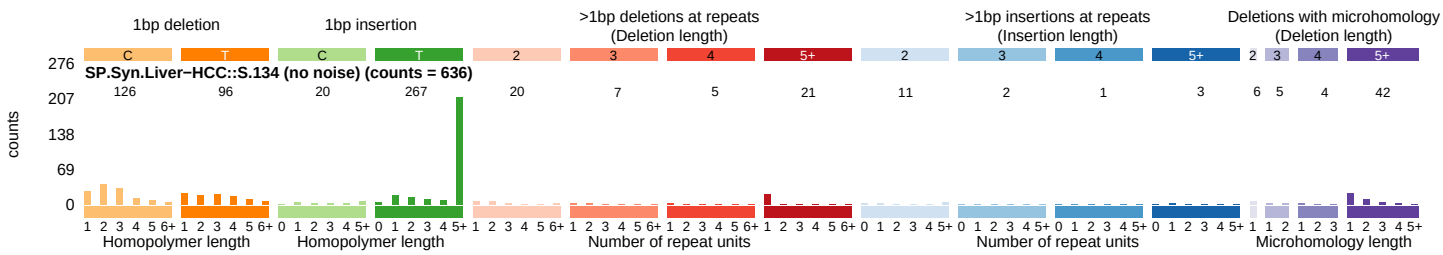

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.129 (no noise) (counts = 596)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
101 103 13 252 16 7 3 25 10 1 1 3 4 4 3 50
counts
288 216 144 72 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

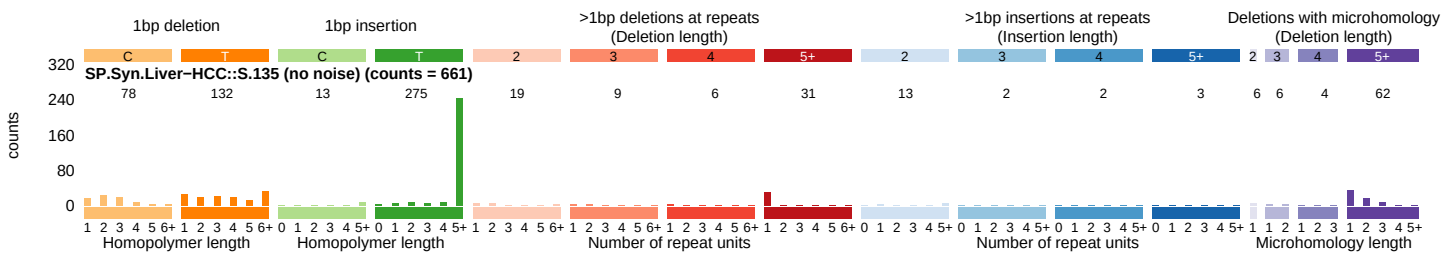

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.130 (no noise) (counts = 545)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
159 136 11 137 24 9 5 11 10 2 1 2 7 5 4 22
counts
120 90 60 30 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

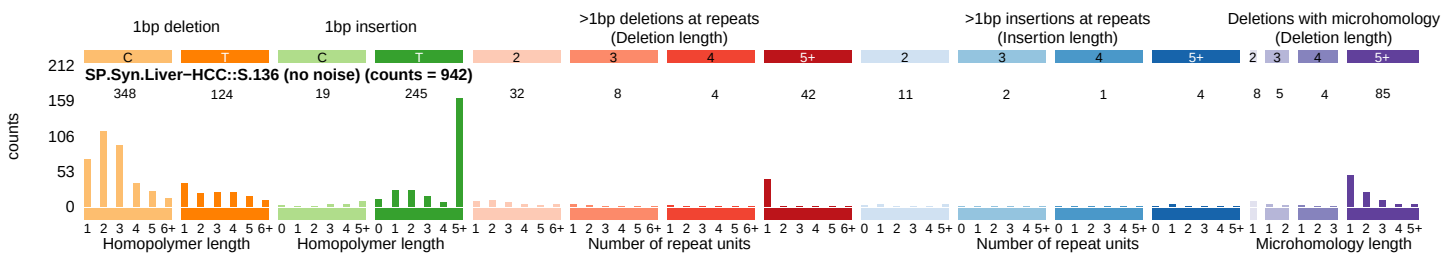

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.131 (no noise) (counts = 602)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
105 162 10 182 30 13 7 17 14 3 2 3 10 7 6 31
counts
184 138 92 46 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

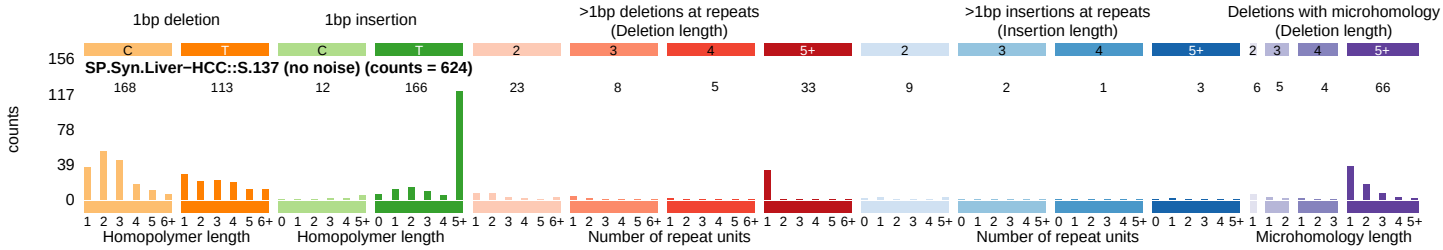

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.132 (no noise) (counts = 880)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
138 215 33 220 38 17 11 49 17 4 4 6 13 11 9 95
counts
160 120 80 40 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

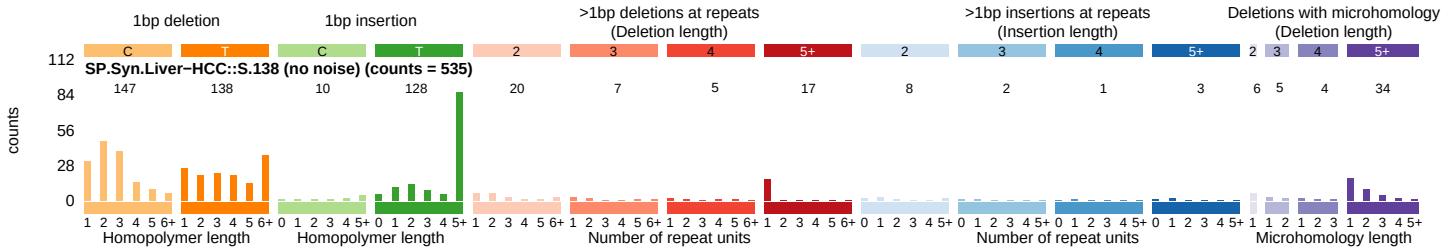

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.133 (no noise) (counts = 491)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
107 122 8 172 24 9 5 4 11 2 2 2 7 5 4 7
counts
176 132 88 44 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

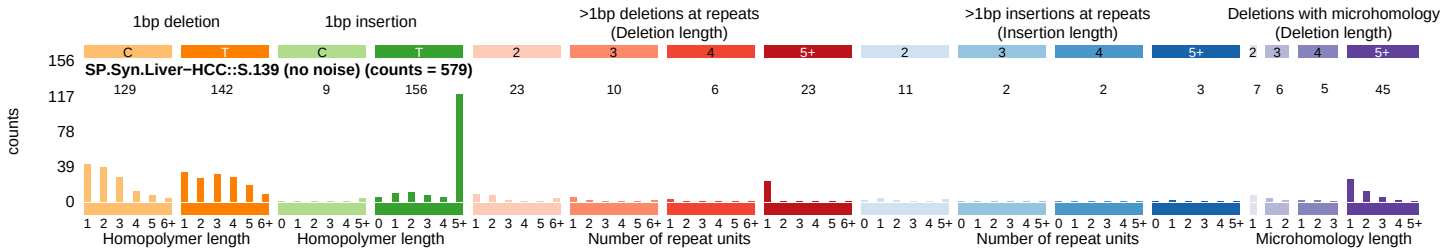

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.134 (no noise) (counts = 636)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
126 96 20 267 20 7 5 21 11 2 1 3 6 5 4 42
counts
276 207 138 69 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

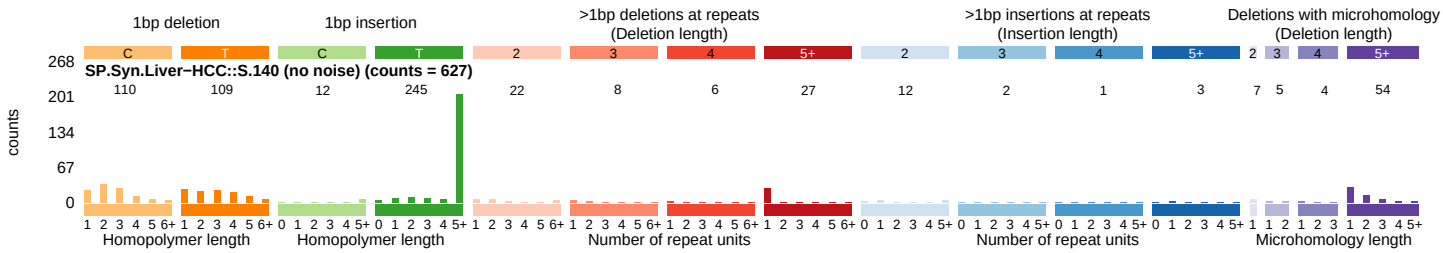

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.135 (no noise) (counts = 661)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
78 132 13 275 19 9 6 31 13 2 2 3 6 6 4 62
counts
320 240 160 80 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

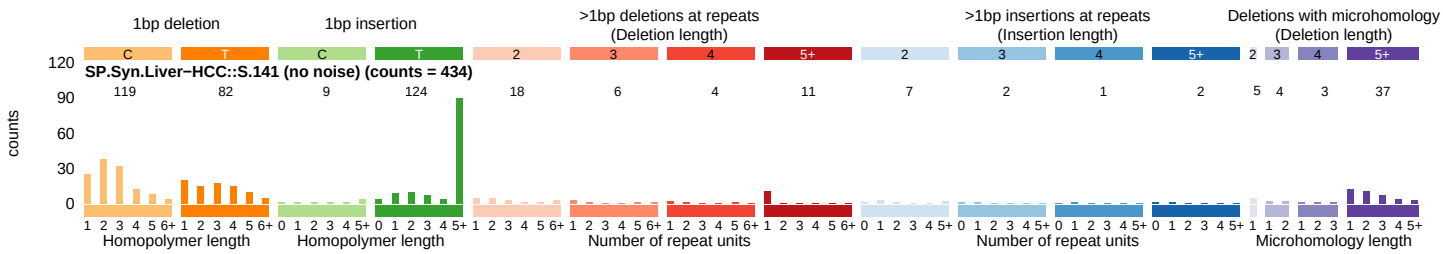

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.136 (no noise) (counts = 942)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
348 124 19 245 32 8 4 42 11 2 1 4 8 5 4 85
counts
212 159 106 53 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

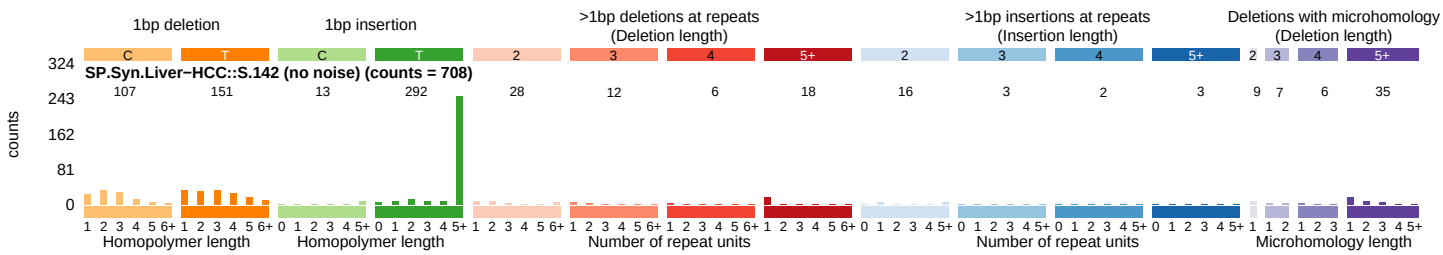

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.137 (no noise) (counts = 624)
168 113 12 166 23 8 5 33 9 2 1 3 6 5 4 66
counts
Homopolymer length
Number of repeat units
Microhomology length

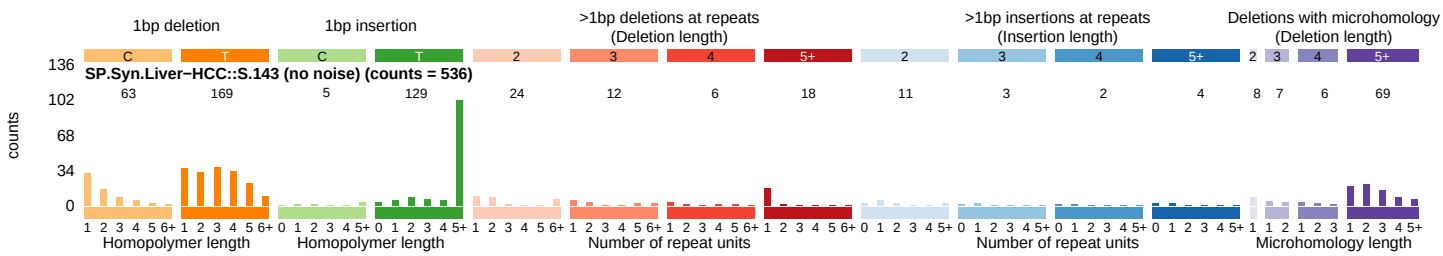

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.138 (no noise) (counts = 535)
147 138 10 128 20 7 5 17 8 2 1 3 6 5 4 34
counts
Homopolymer length
Number of repeat units
Microhomology length

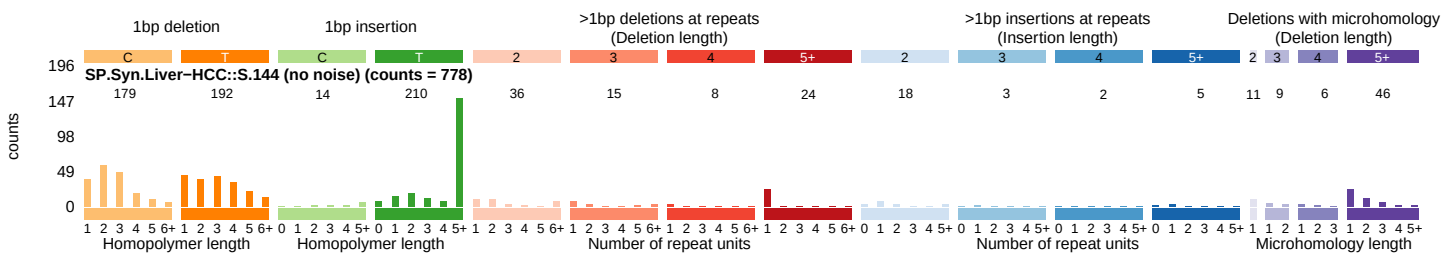

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.139 (no noise) (counts = 579)
129 142 9 156 23 10 6 23 11 2 2 3 7 6 5 45
counts
Homopolymer length
Number of repeat units
Microhomology length

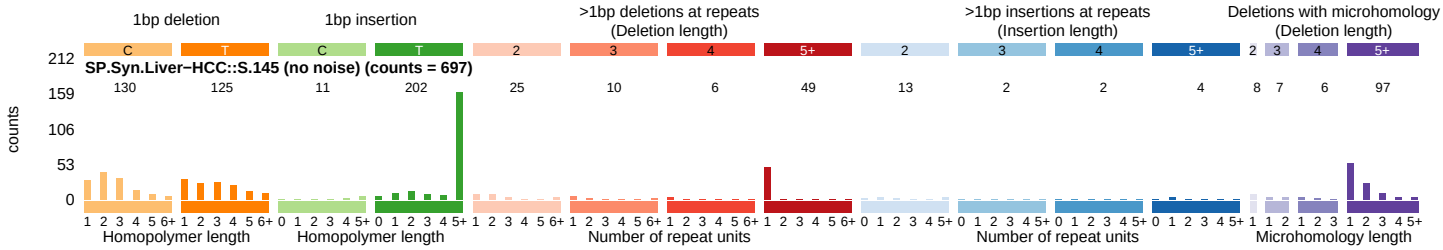

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.140 (no noise) (counts = 627)
110 109 12 245 22 8 6 27 12 2 1 3 7 5 4 54
counts
Homopolymer length
Number of repeat units
Microhomology length

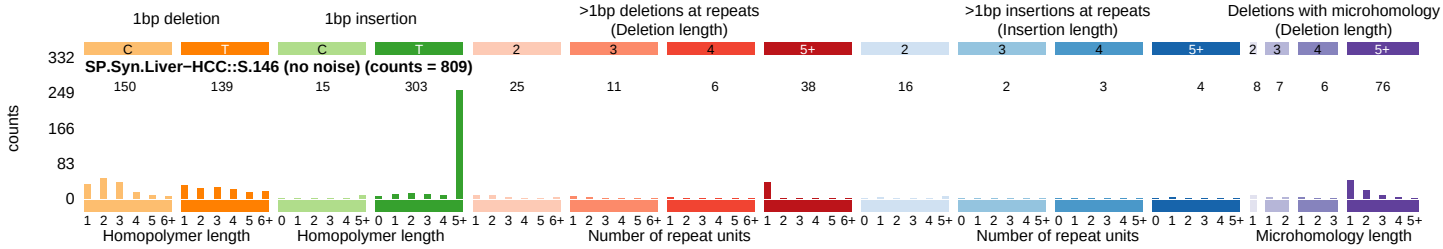

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.141 (no noise) (counts = 434)
119 82 9 124 18 6 4 11 7 2 1 2 5 4 3 37
counts
Homopolymer length
Number of repeat units
Microhomology length

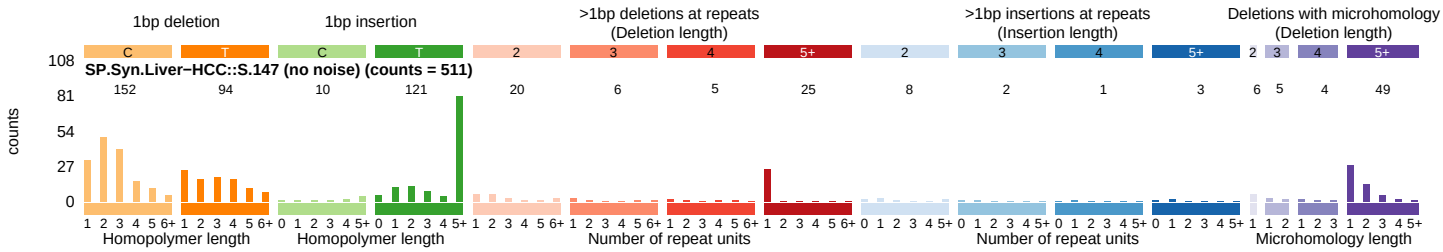

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.142 (no noise) (counts = 708)
107 151 13 292 28 12 6 18 16 3 2 3 9 7 6 35
counts
Homopolymer length
Number of repeat units
Microhomology length

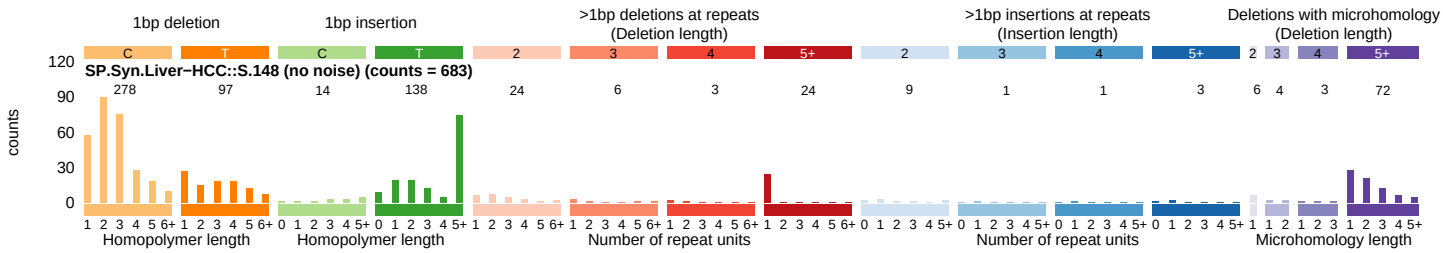

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.143 (no noise) (counts = 536)
63 169 5 129 24 12 6 18 11 3 2 4 8 7 6 69
counts
Homopolymer length
Number of repeat units
Microhomology length

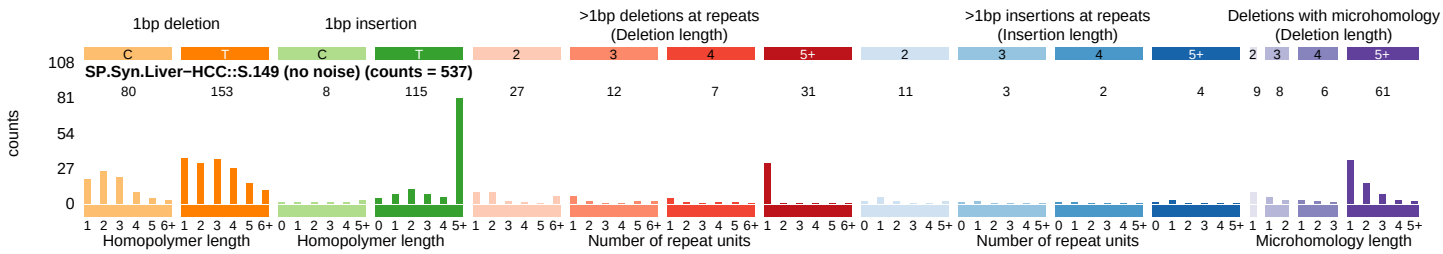

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.144 (no noise) (counts = 778)
179 192 14 210 36 15 8 24 18 3 2 5 11 9 6 46
counts
Homopolymer length
Number of repeat units
Microhomology length

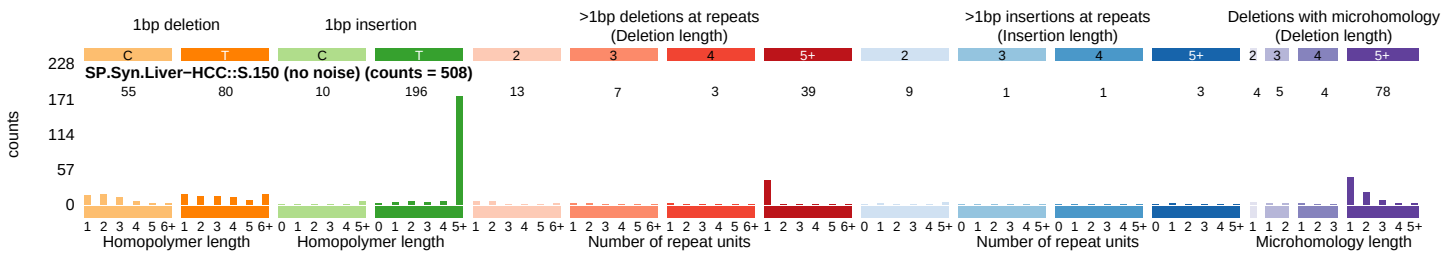

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.145 (no noise) (counts = 697)
130 125 11 202 25 10 6 49 13 2 2 4 8 7 6 97
counts
Homopolymer length
Number of repeat units
Microhomology length

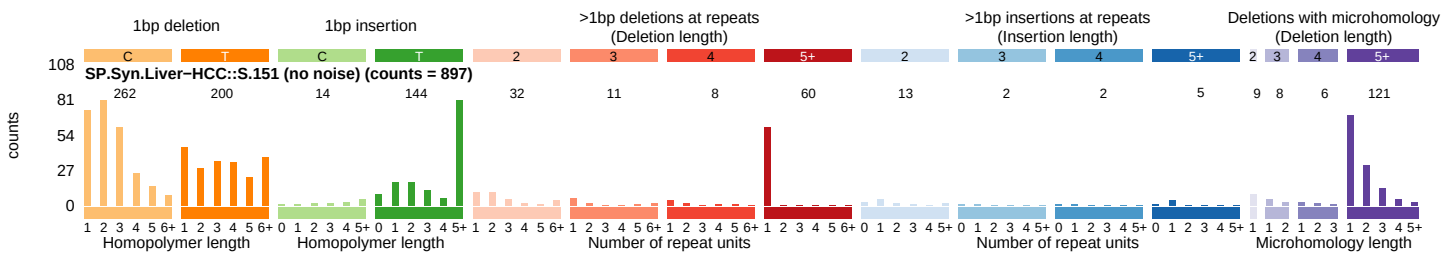

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.146 (no noise) (counts = 809)
150 139 15 303 25 11 6 38 16 2 3 4 8 7 6 76
counts
Homopolymer length
Number of repeat units
Microhomology length

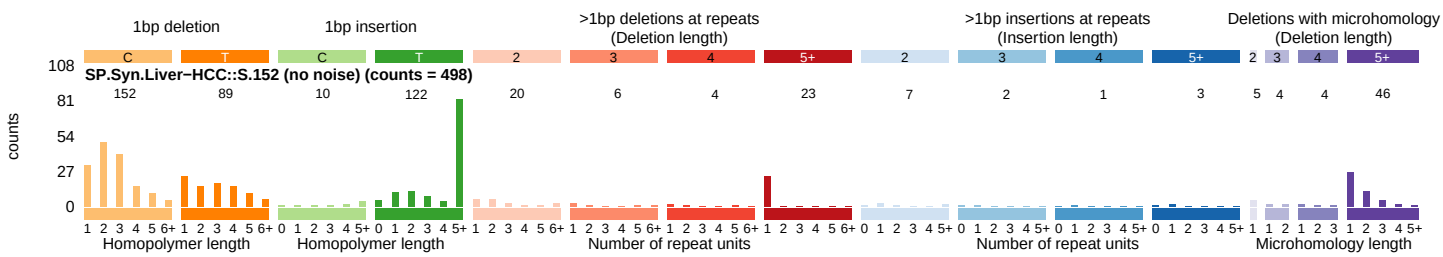

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.147 (no noise) (counts = 511)
152 94 10 121 20 6 5 25 8 2 1 3 6 5 4 49
counts
Homopolymer length
Number of repeat units
Microhomology length

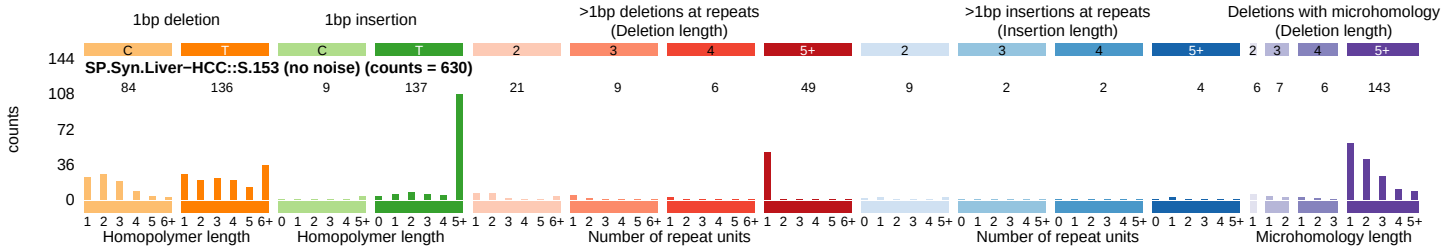

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.148 (no noise) (counts = 683)
278 97 14 138 24 6 3 24 9 1 1 3 6 4 3 72
counts
Homopolymer length
Number of repeat units
Microhomology length

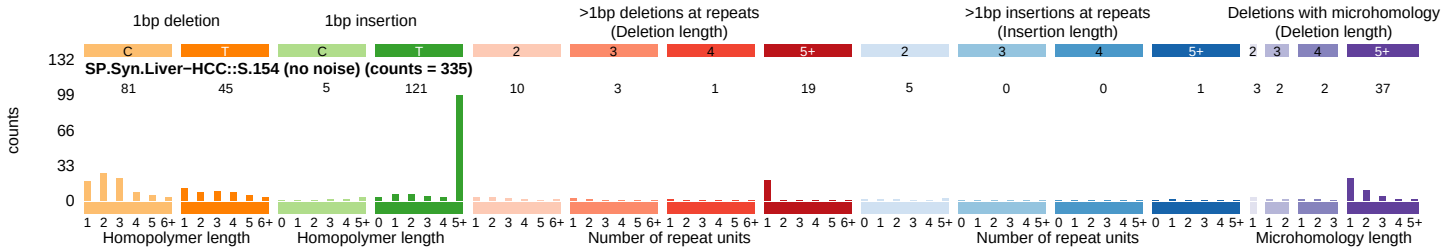

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.149 (no noise) (counts = 537)
80 153 8 115 27 12 7 31 11 3 2 4 9 8 6 61
counts
Homopolymer length
Number of repeat units
Microhomology length

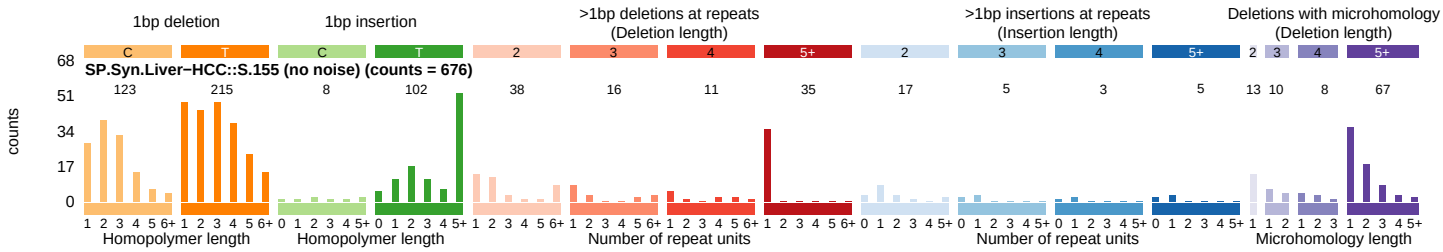

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.150 (no noise) (counts = 508)
55 80 10 196 13 7 3 39 9 1 1 3 4 5 4 78
counts
Homopolymer length
Number of repeat units
Microhomology length

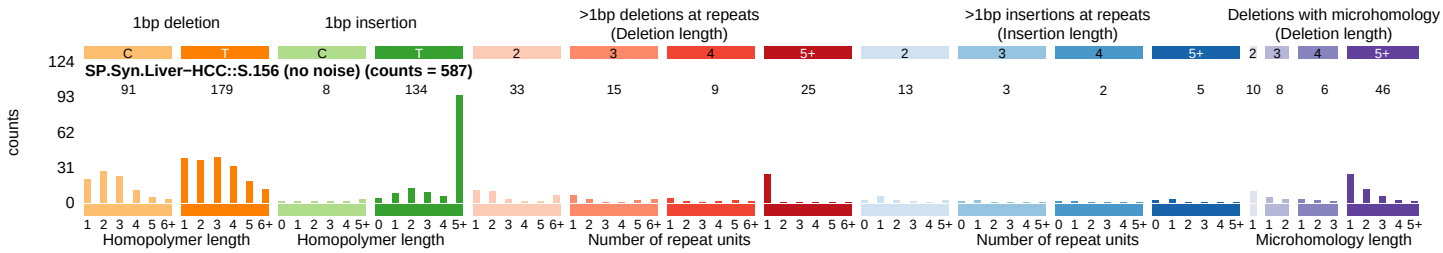

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.151 (no noise) (counts = 897)
262 200 14 144 32 11 8 60 13 2 2 5 9 8 6 121
counts
Homopolymer length
Number of repeat units
Microhomology length

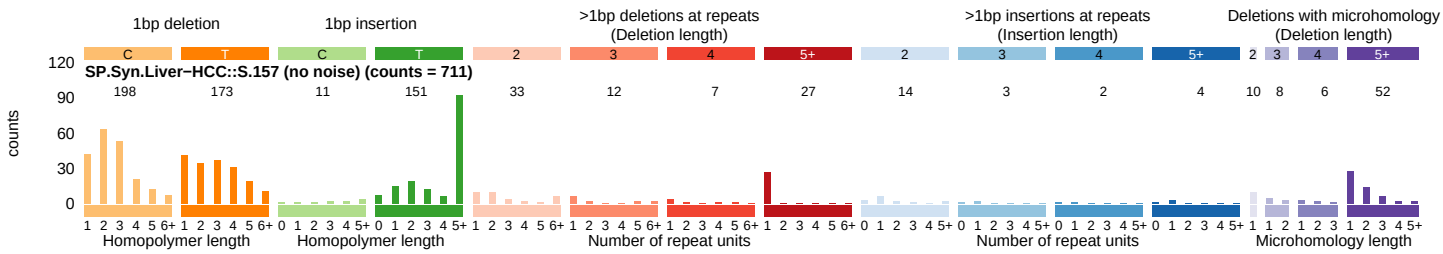

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.152 (no noise) (counts = 498)
152 89 10 122 20 6 4 23 7 2 1 3 5 4 4 46
counts
Homopolymer length
Number of repeat units
Microhomology length

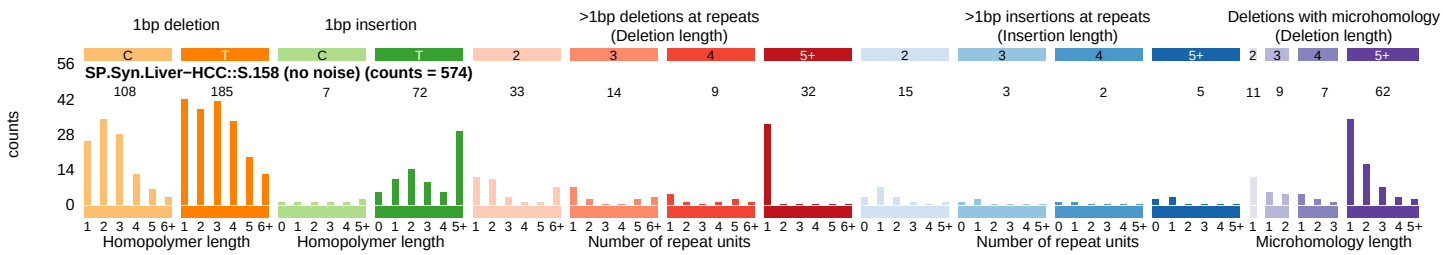

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.153 (no noise) (counts = 630)
84 136 9 137 21 9 6 49 9 2 2 4 6 7 6 143
counts
144 108 72 36 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

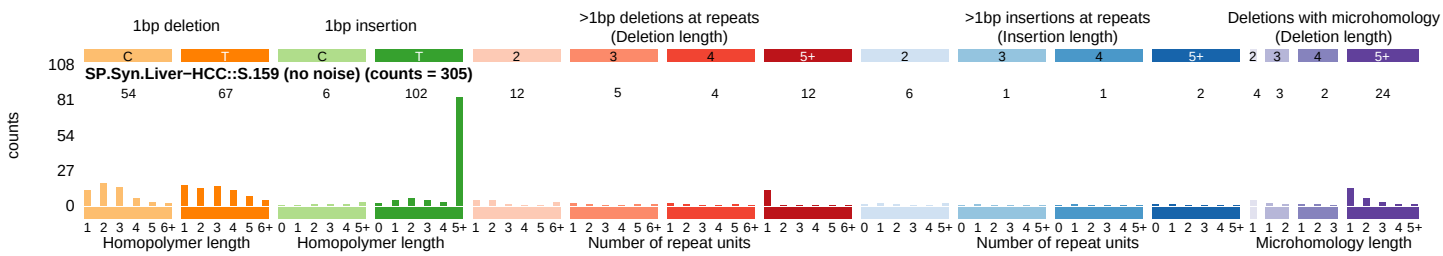

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.154 (no noise) (counts = 335)
81 45 5 121 10 3 1 19 5 0 0 1 3 2 2 37
counts
132 99 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

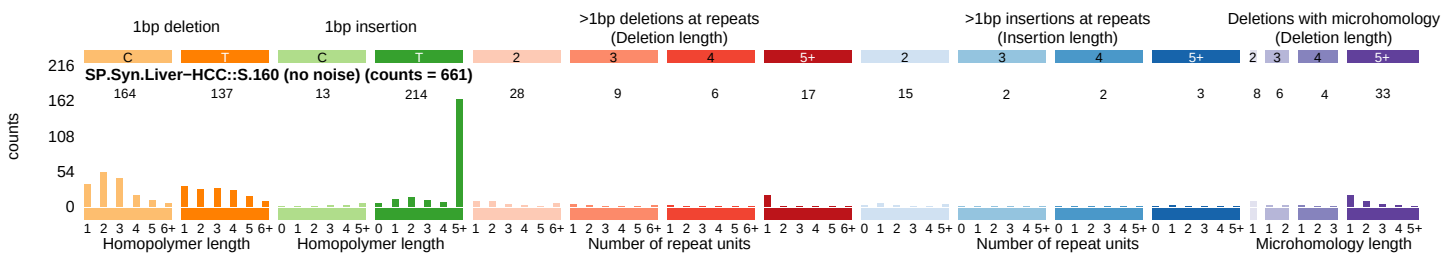

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.155 (no noise) (counts = 676)
123 215 8 102 38 16 11 35 17 5 3 5 13 10 8 67
counts
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

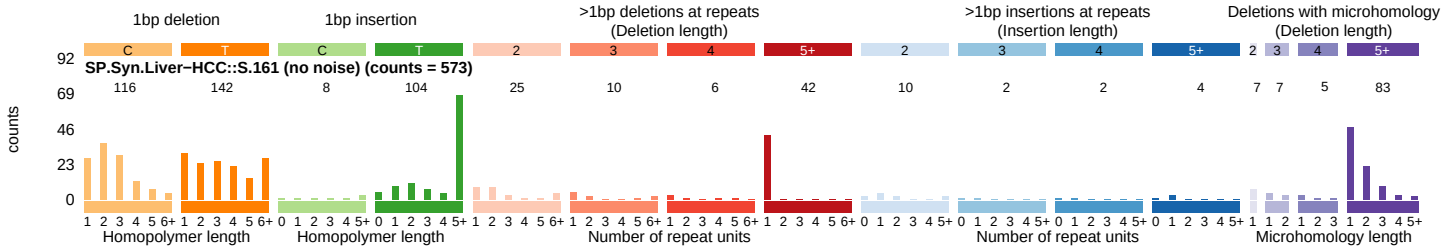

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.156 (no noise) (counts = 587)
91 179 8 134 33 15 9 25 13 3 2 5 10 8 6 46
counts
124 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+ 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

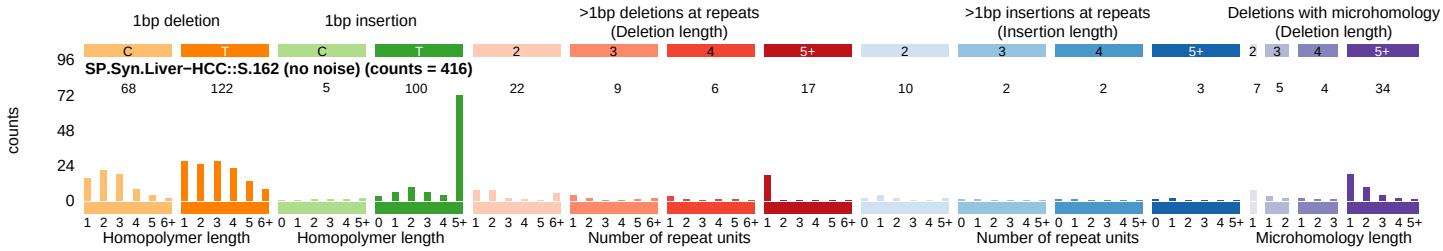

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.157 (no noise) (counts = 711)
198 173 11 151 33 12 7 27 14 3 2 4 10 8 6 52
counts
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

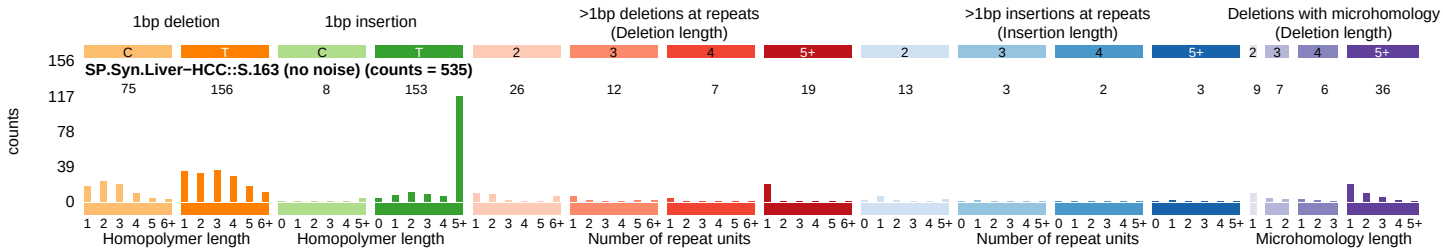

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.158 (no noise) (counts = 574)
108 185 7 72 33 14 9 32 15 3 2 5 11 9 7 62
counts
56 42 28 14 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

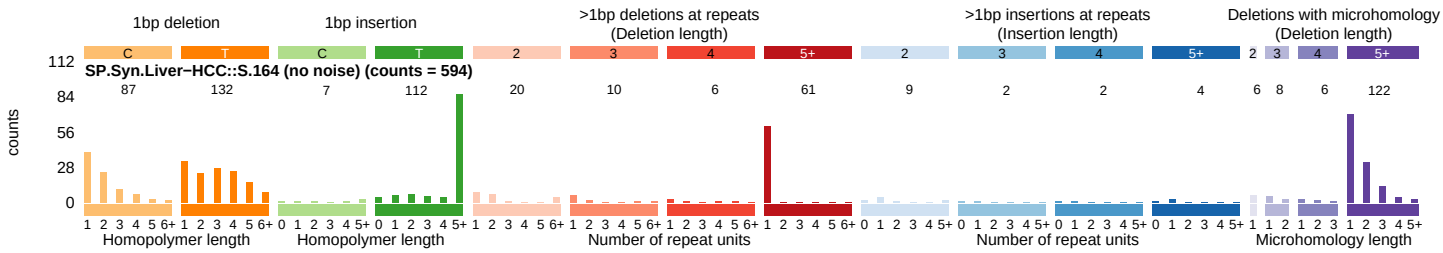

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.159 (no noise) (counts = 305)
54 67 6 102 12 5 4 12 6 1 1 2 4 3 2 24
counts
108 81 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

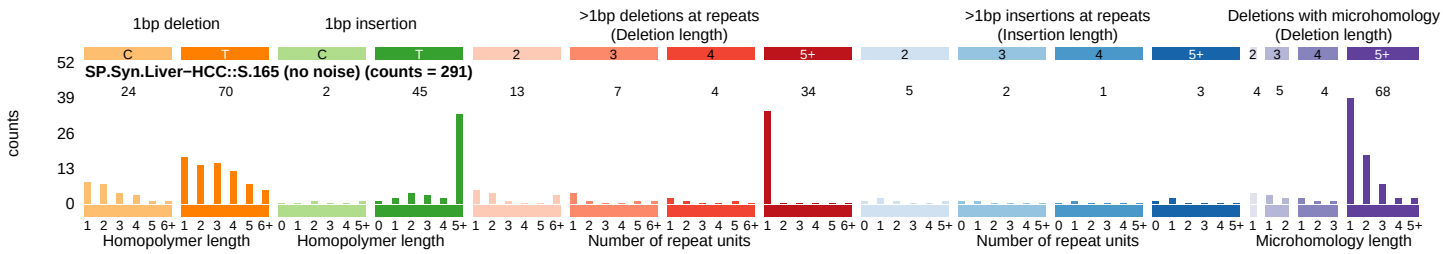

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.160 (no noise) (counts = 661)
164 137 13 214 28 9 6 17 15 2 2 3 8 6 4 33
counts
216 162 108 54 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.161 (no noise) (counts = 573)
116 142 8 104 25 10 6 42 10 2 2 4 7 7 5 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.162 (no noise) (counts = 416)
68 122 5 100 22 9 6 17 10 2 2 3 7 5 4 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.163 (no noise) (counts = 535)
75 156 8 153 26 12 7 19 13 3 2 3 9 7 6 36
counts
Homopolymer length
Number of repeat units
Microhomology 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.164 (no noise) (counts = 594)
87 132 7 112 20 10 6 61 9 2 2 4 6 8 6 122
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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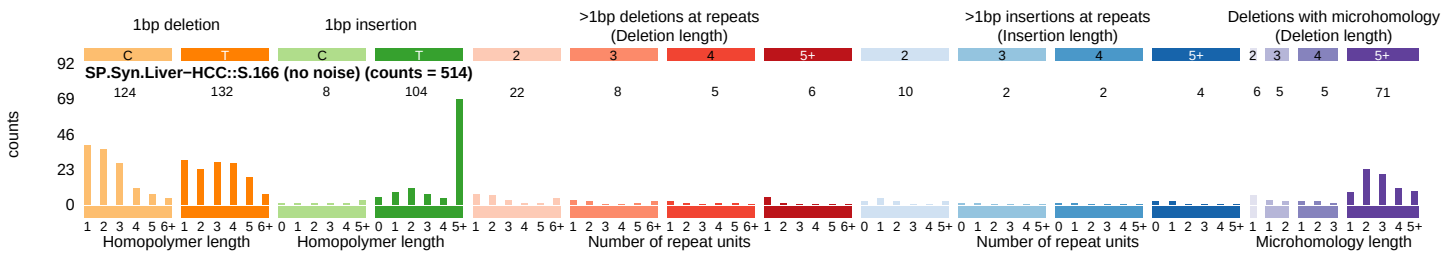
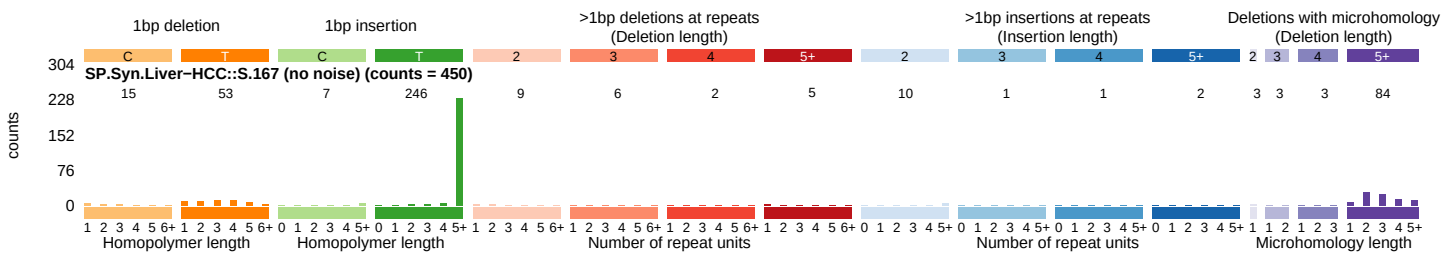
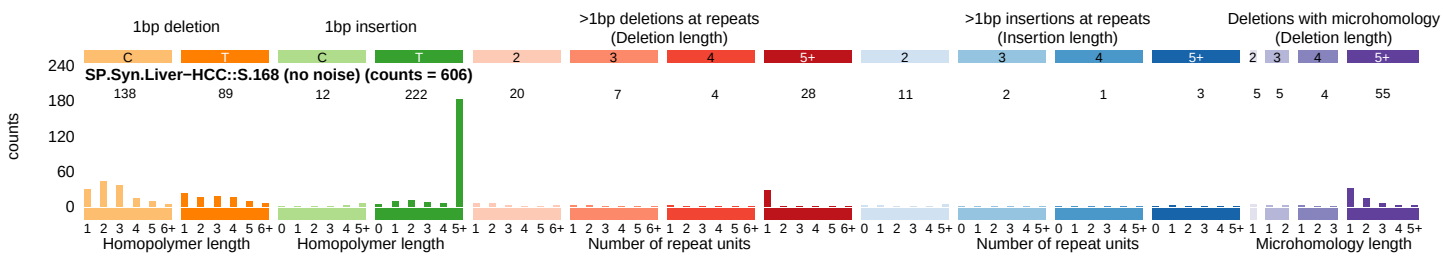
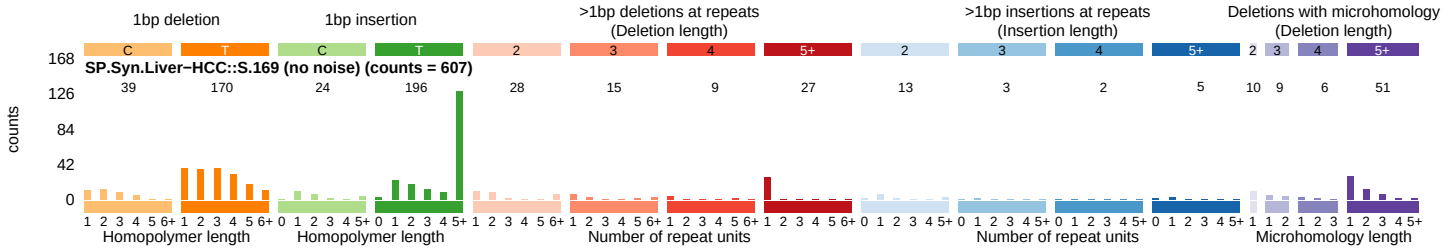
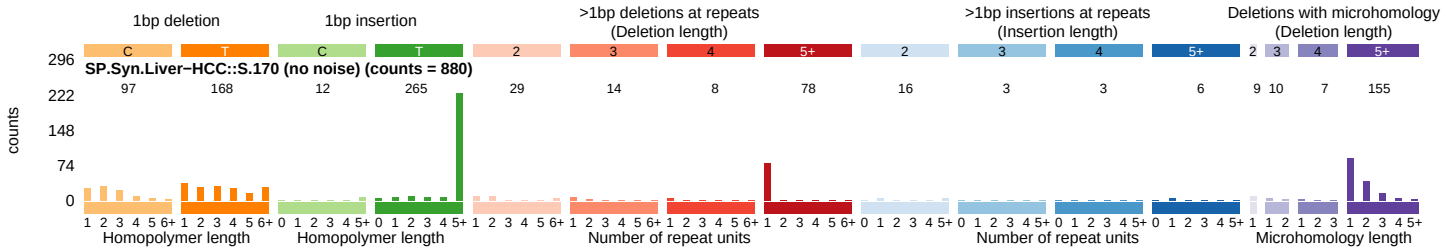
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.165 (no noise) (counts = 291)
24 70 2 45 13 7 4 34 5 2 1 3 4 5 4 68
counts
Homopolymer length
Number of repeat units
Microhomology length

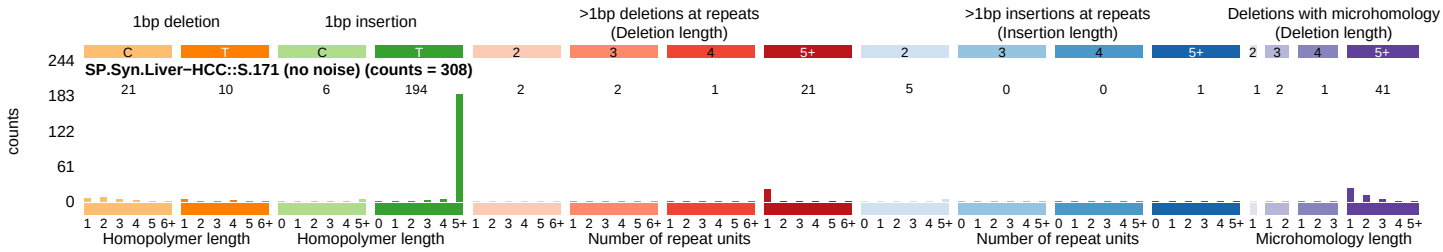

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.166 (no noise) (counts = 514)
124 132 8 104 22 8 5 6 10 2 2 4 6 5 5 71
counts
Homopolymer length
Number of repeat units
Microhomology length

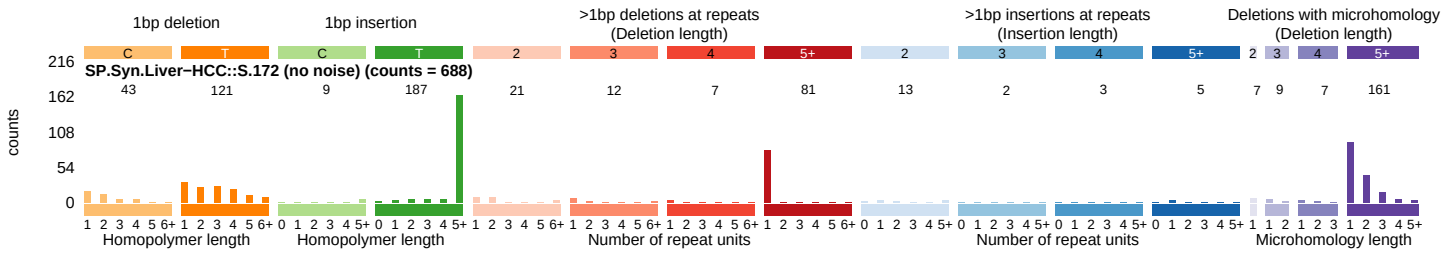

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.167 (no noise) (counts = 450)
15 53 7 246 9 6 2 5 10 1 1 2 3 3 3 84
counts
Homopolymer length
Number of repeat units
Microhomology length

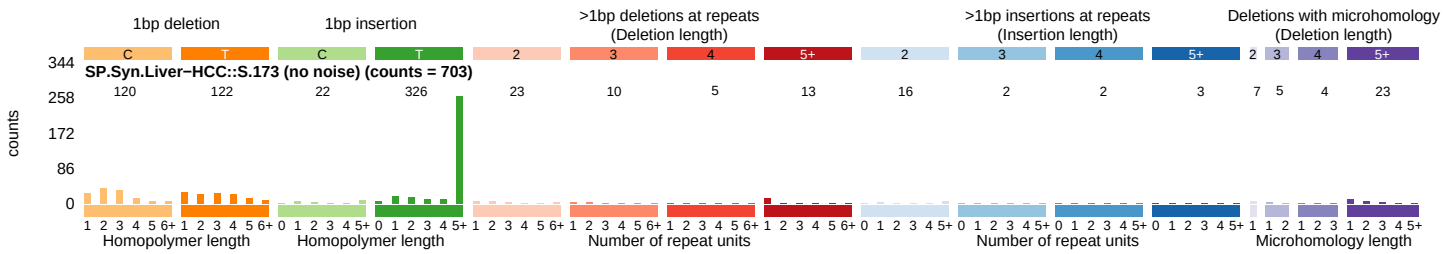

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.168 (no noise) (counts = 606)
138 89 12 222 20 7 4 28 11 2 1 3 5 5 4 55
counts
Homopolymer length
Number of repeat units
Microhomology length

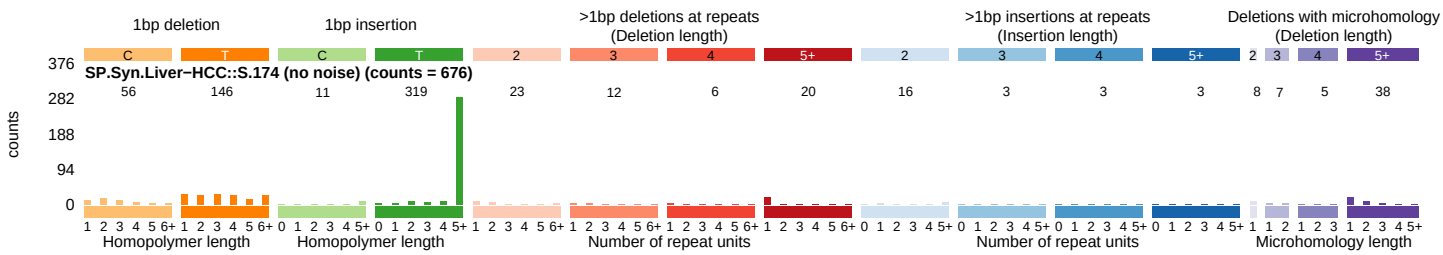

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.169 (no noise) (counts = 607)
39 170 24 196 28 15 9 27 13 3 2 5 10 9 6 51
counts
Homopolymer length
Number of repeat 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.170 (no noise) (counts = 880)
97 168 12 265 29 14 8 78 16 3 3 6 9 10 7 155
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 308)
21 10 6 194 2 2 1 21 5 0 0 1 1 2 1 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.172 (no noise) (counts = 688)
43 121 9 187 21 12 7 81 13 2 3 5 7 9 7 161
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 703)
120 122 22 326 23 10 5 13 16 2 2 3 7 5 4 23
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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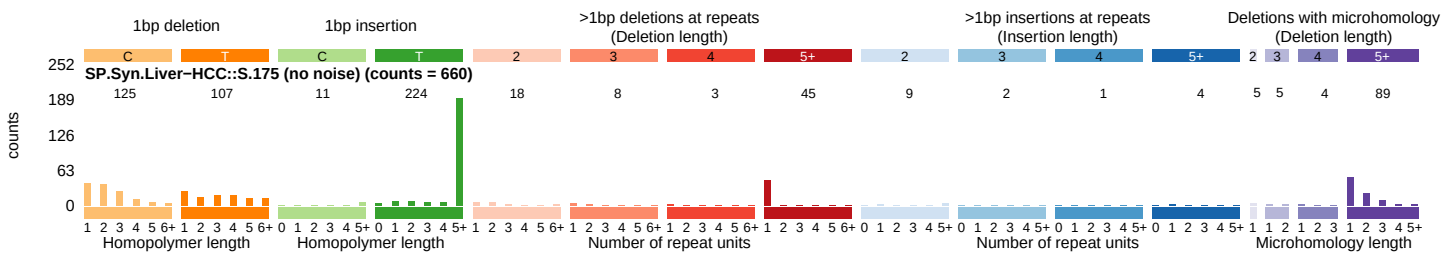
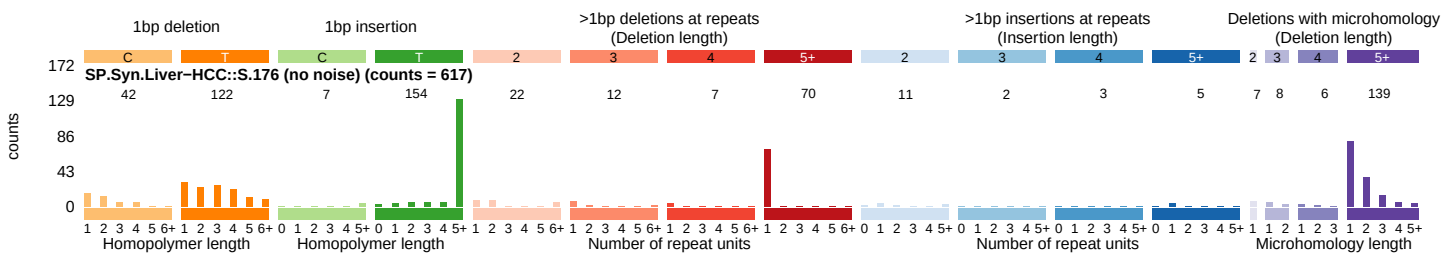
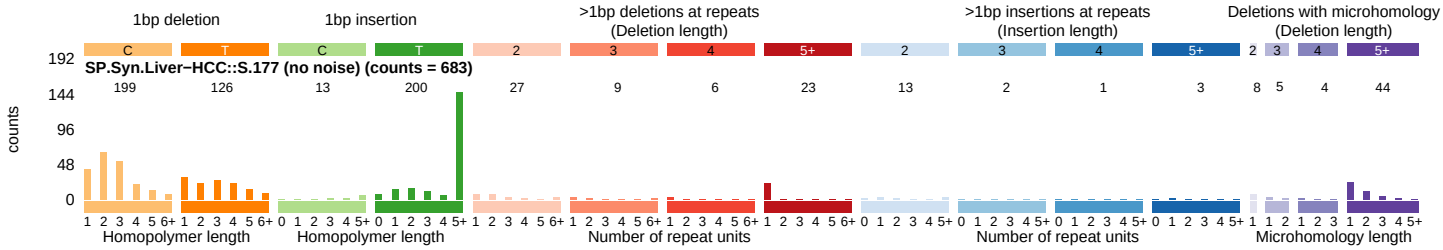
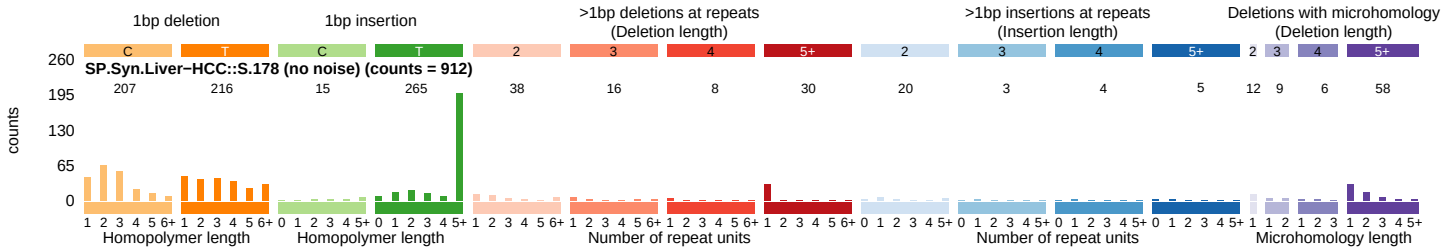
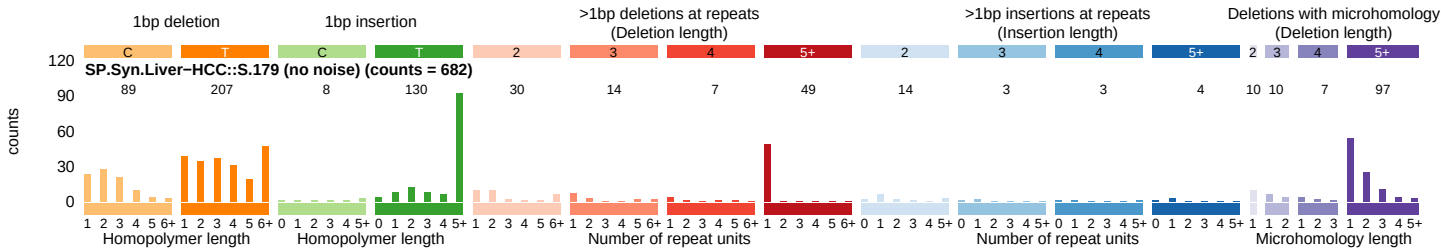
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.174 (no noise) (counts = 676)
56 146 11 319 23 12 6 20 16 3 3 3 8 7 5 38
counts
Homopolymer length
Number of repeat units
Microhomology length

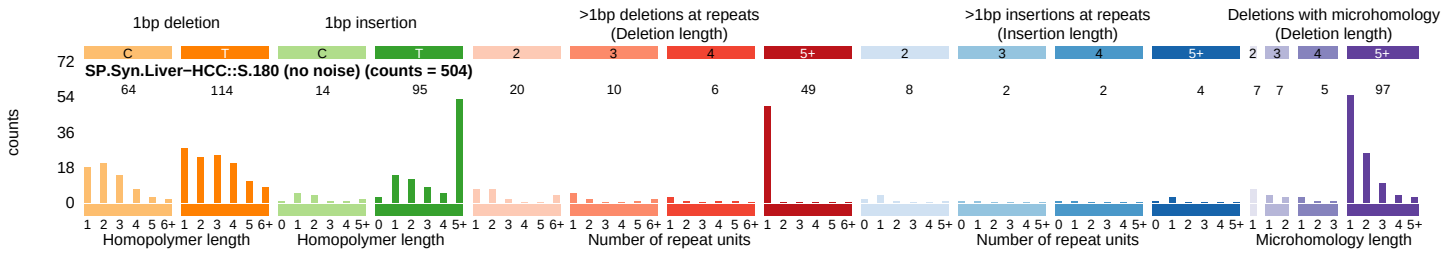

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.175 (no noise) (counts = 660)
125 107 11 224 18 8 3 45 9 2 1 4 5 5 4 89
counts
Homopolymer length
Number of repeat units
Microhomology length

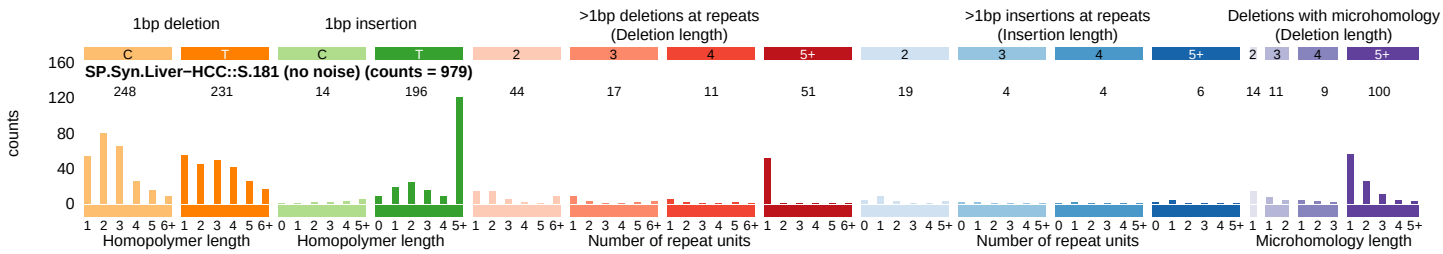

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.176 (no noise) (counts = 617)
42 122 7 154 22 12 7 70 11 2 3 5 7 8 6 139
counts
Homopolymer length
Number of repeat units
Microhomology length

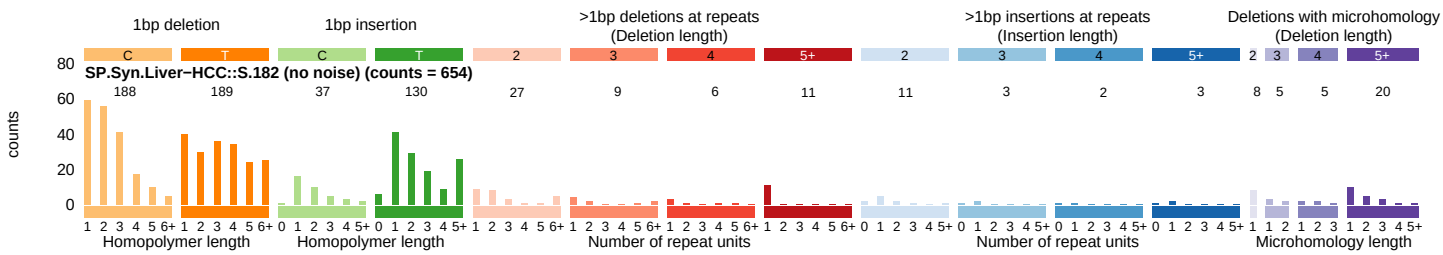

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.177 (no noise) (counts = 683)
199 126 13 200 27 9 6 23 13 2 1 3 8 5 4 44
counts
Homopolymer length
Number of repeat units
Microhomology length

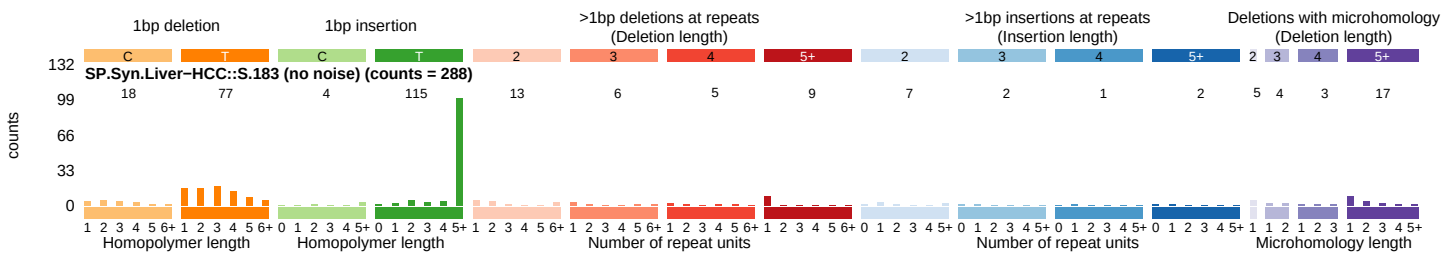

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.178 (no noise) (counts = 912)
207 216 15 265 38 16 8 30 20 3 4 5 12 9 6 58
counts
Homopolymer length
Number of repeat units
Microhomology length

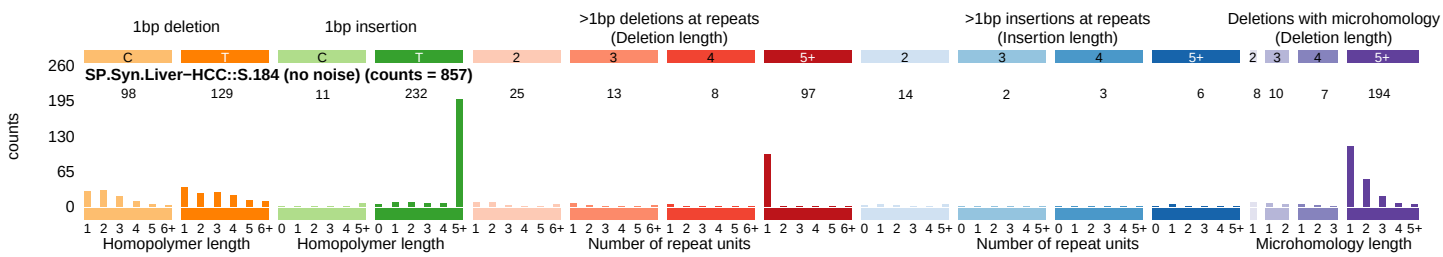

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.179 (no noise) (counts = 682)
89 207 8 130 30 14 7 49 14 3 3 4 10 10 7 97
counts
Homopolymer length
Number of repeat units
Microhomology length

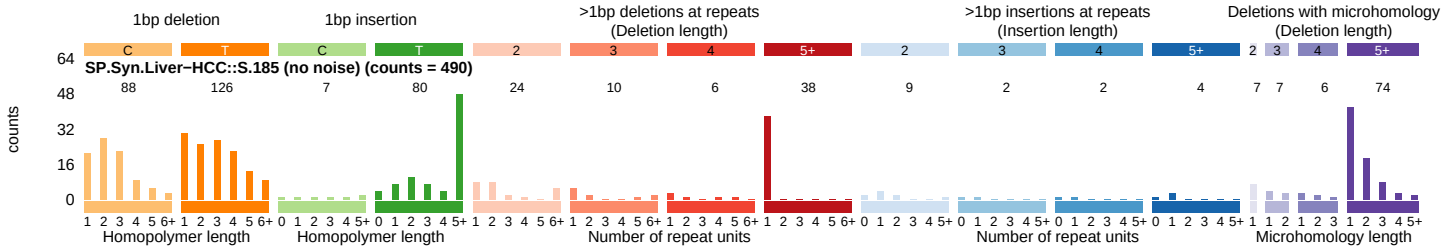

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.180 (no noise) (counts = 504)
64 114 14 95 20 10 6 49 8 2 2 4 7 7 5 97
counts
Homopolymer length
Number of repeat units
Microhomology length

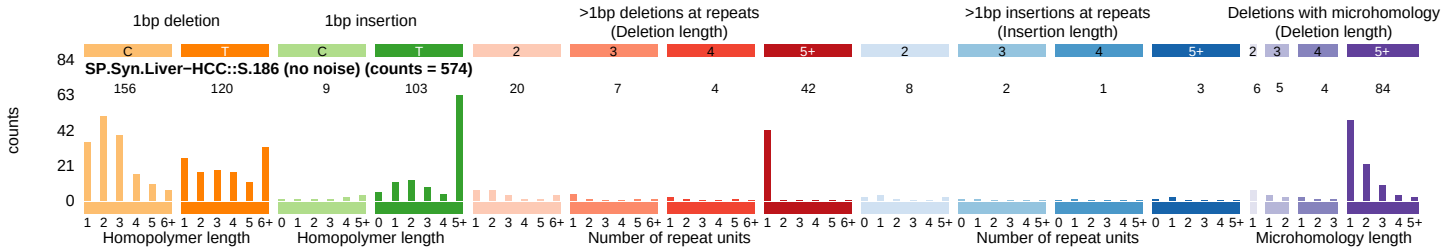

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.181 (no noise) (counts = 979)
248 231 14 196 44 17 11 51 19 4 4 6 14 11 9 100
counts
Homopolymer length
Number of repeat units
Microhomology length

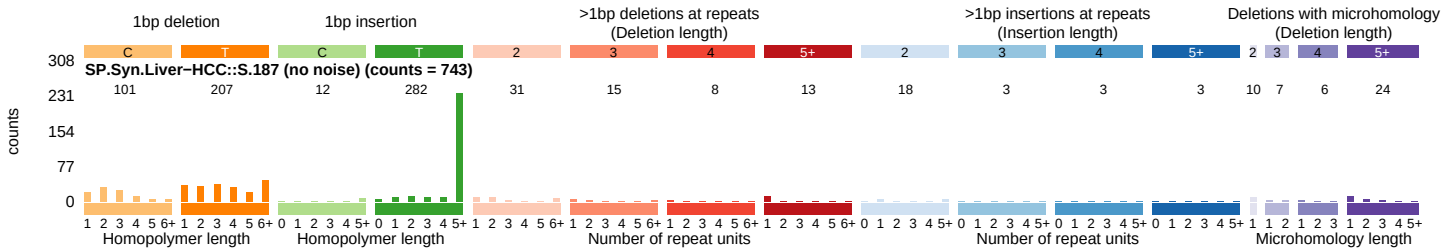

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.182 (no noise) (counts = 654)
188 189 37 130 27 9 6 11 11 3 2 3 8 5 5 20
counts
Homopolymer length
Number of repeat units
Microhomology length

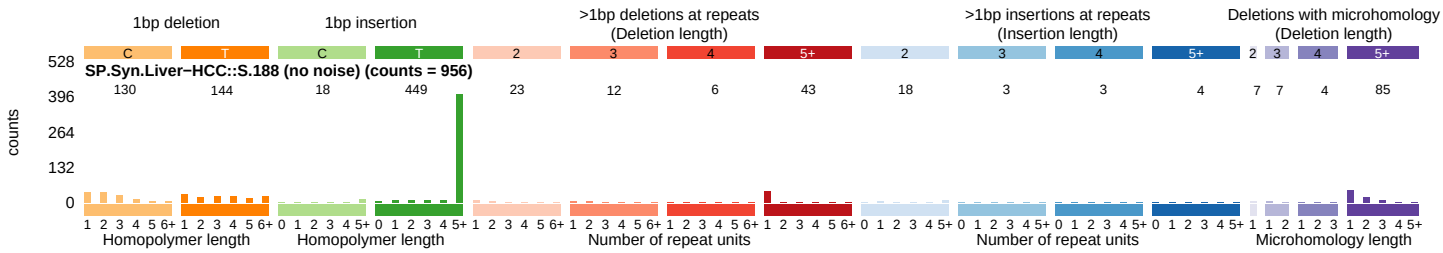

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.183 (no noise) (counts = 288)
18 77 4 115 13 6 5 9 7 2 1 2 5 4 3 17
counts
Homopolymer length
Number of repeat units
Microhomology length

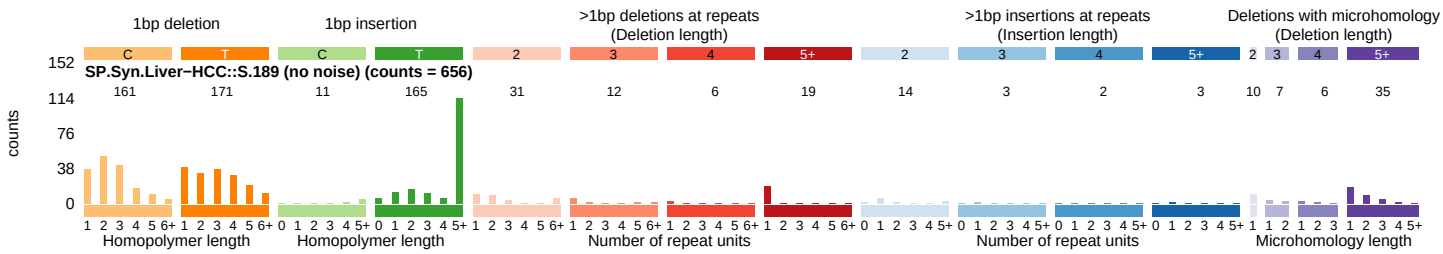

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.184 (no noise) (counts = 857)
98 129 11 232 25 13 8 97 14 2 3 6 8 10 7 194
counts
Homopolymer length
Number of repeat units
Microhomology length

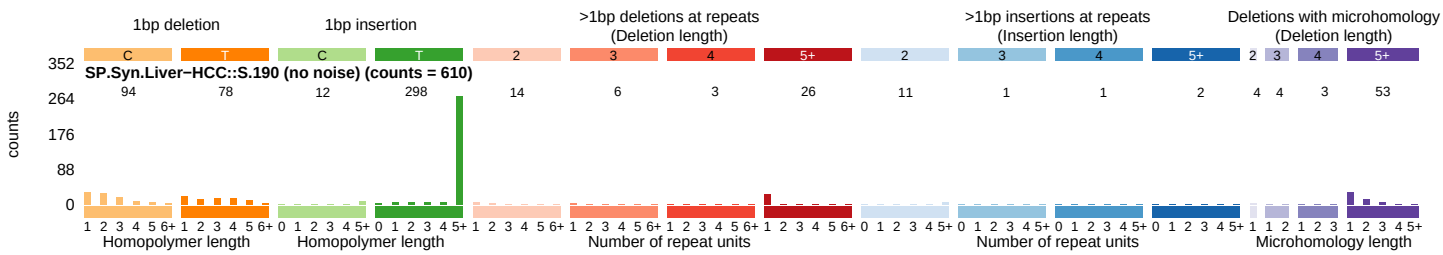

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.185 (no noise) (counts = 490)
88 126 7 80 24 10 6 38 9 2 2 4 7 7 6 74
counts
Homopolymer length
Number of repeat units
Microhomology length

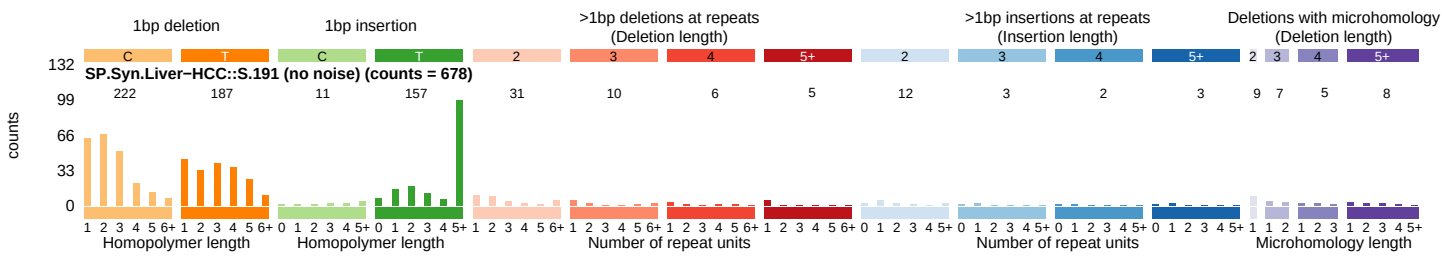

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.186 (no noise) (counts = 574)
156 120 9 103 20 7 4 42 8 2 1 3 6 5 4 84
counts
Homopolymer length
Number of repeat units
Microhomology length

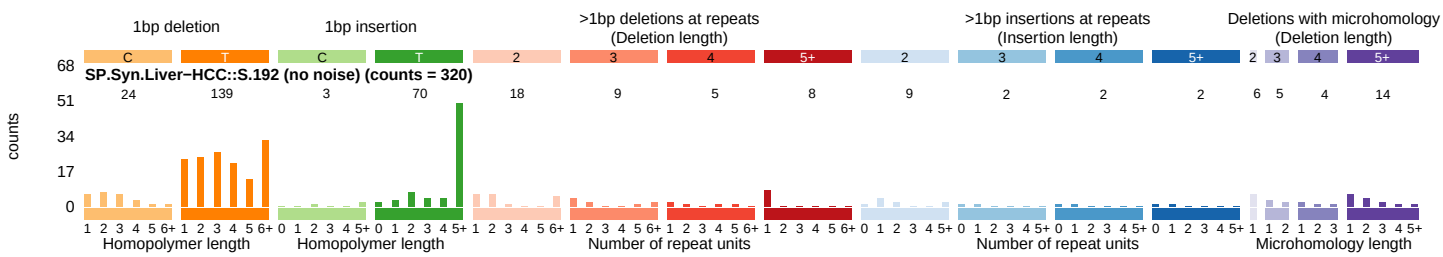

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.187 (no noise) (counts = 743)
101 207 12 282 31 15 8 13 18 3 3 3 10 7 6 24
counts
Homopolymer length
Number of repeat units
Microhomology length

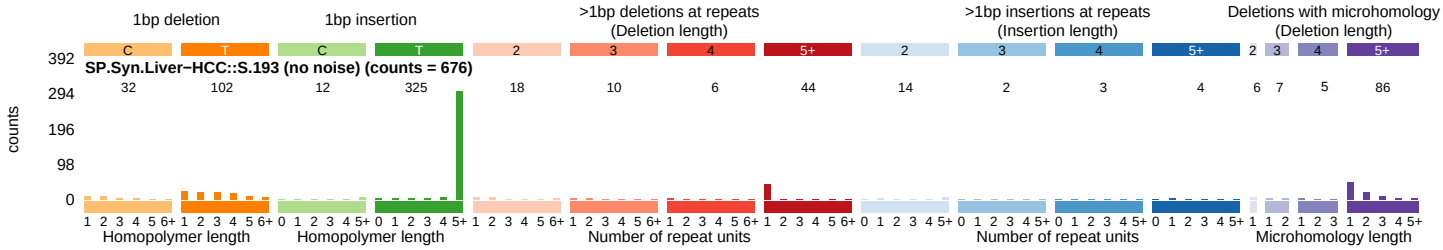

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.188 (no noise) (counts = 956)
130 144 18 449 23 12 6 43 18 3 3 4 7 7 4 85
counts
Homopolymer length
Number of repeat units
Microhomology length

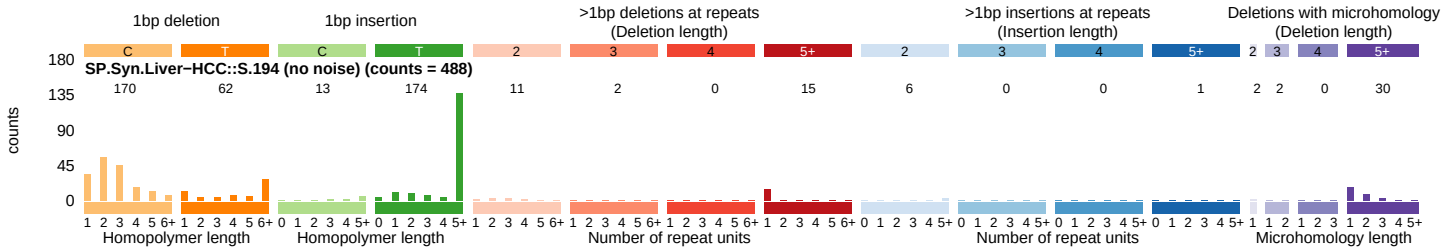

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.189 (no noise) (counts = 656)
161 171 11 165 31 12 6 19 14 3 2 3 10 7 6 35
counts
Homopolymer length
Number of repeat units
Microhomology length

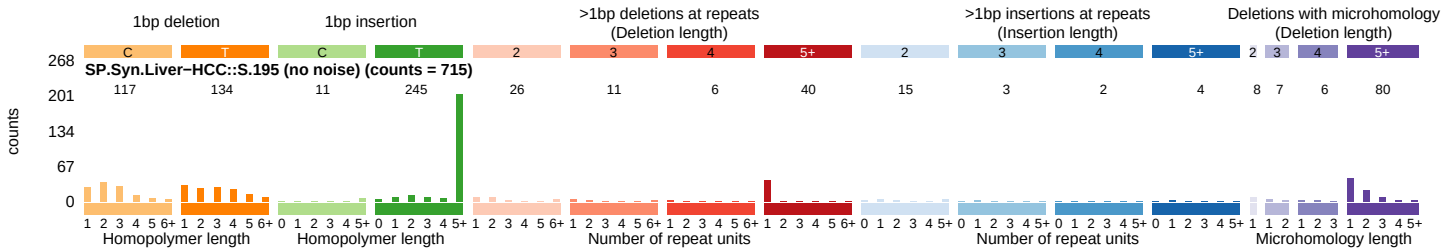

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.190 (no noise) (counts = 610)
94 78 12 298 14 6 3 26 11 1 1 2 4 4 3 53
counts
Homopolymer length
Number of repeat units
Microhomology length

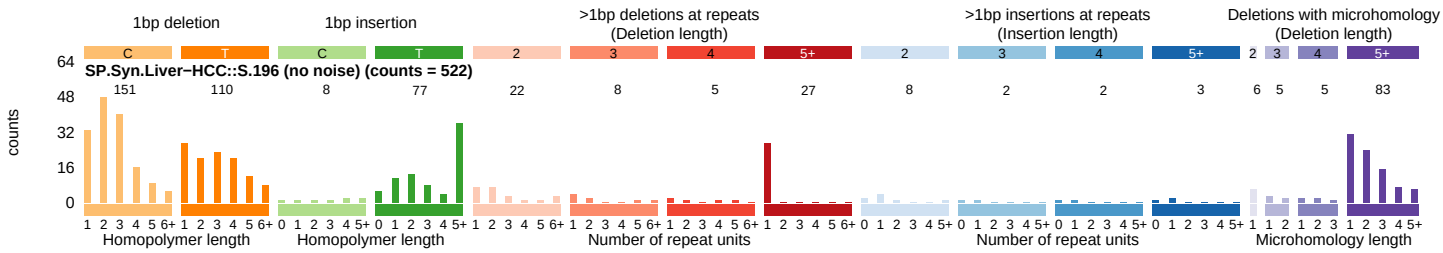

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.191 (no noise) (counts = 678)
222 187 11 157 31 10 6 5 12 3 2 3 9 7 5 8
counts
Homopolymer length
Number of repeat units
Microhomology length

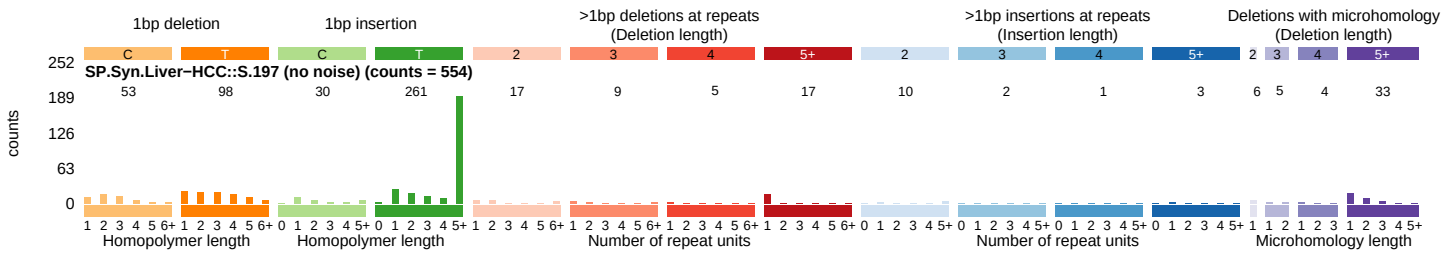

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.192 (no noise) (counts = 320)
24 139 3 70 18 9 5 8 9 2 2 2 6 5 4 14
counts
Homopolymer length
Number of repeat units
Microhomology length

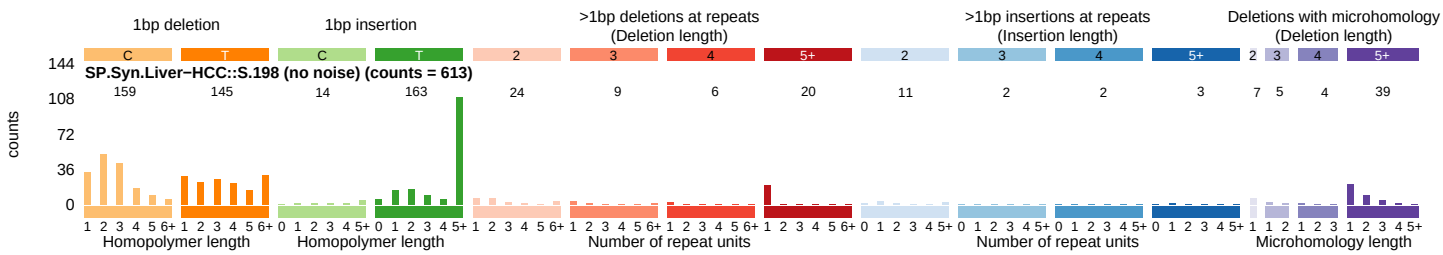

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.193 (no noise) (counts = 676)
counts
Homopolymer length
Number of repeat units
Microhomology length

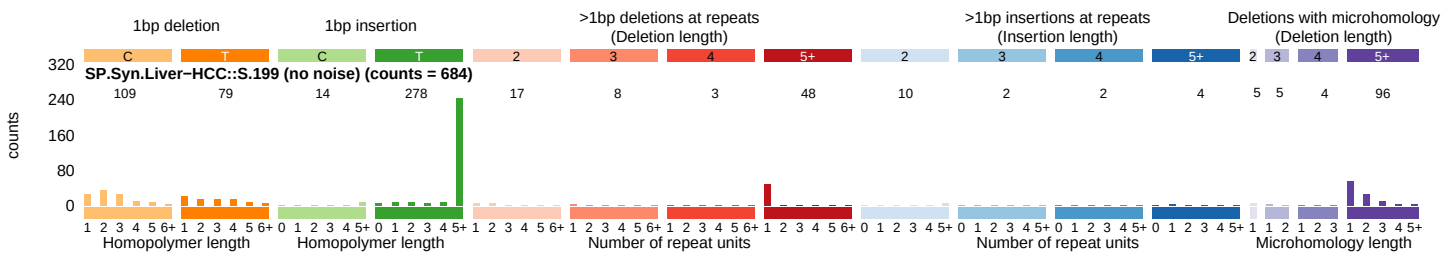

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.194 (no noise) (counts = 488)
counts
Homopolymer length
Number of repeat units
Microhomology length

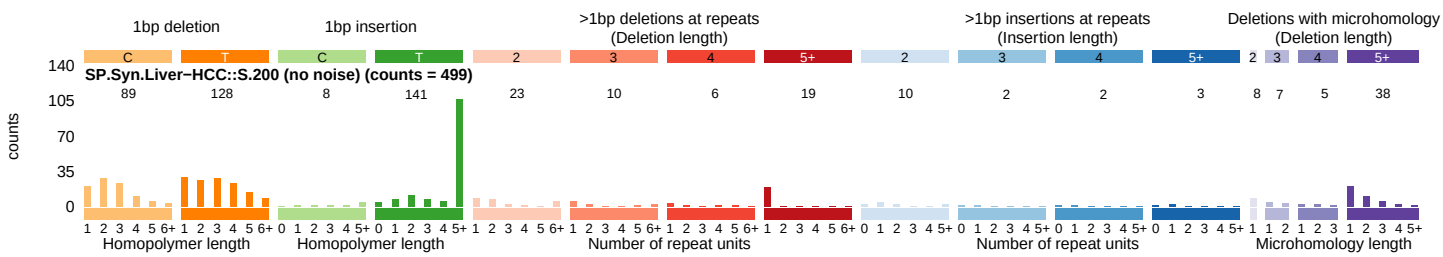

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.195 (no noise) (counts = 715)
counts
Homopolymer length
Number of repeat units
Microhomology length

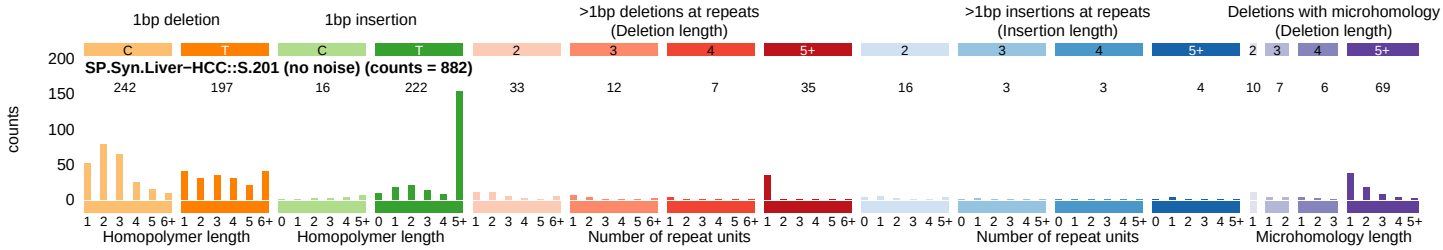

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.196 (no noise) (counts = 522)
counts
Homopolymer length
Number of repeat units
Microhomology length

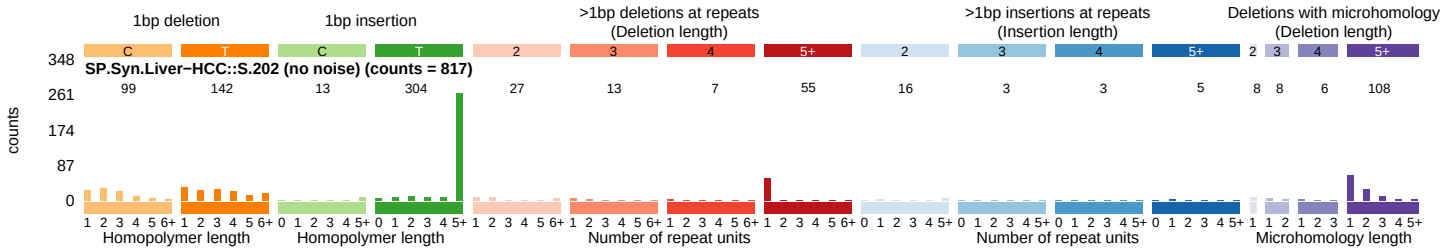

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.197 (no noise) (counts = 554)
counts
Homopolymer length
Number of repeat units
Microhomology length

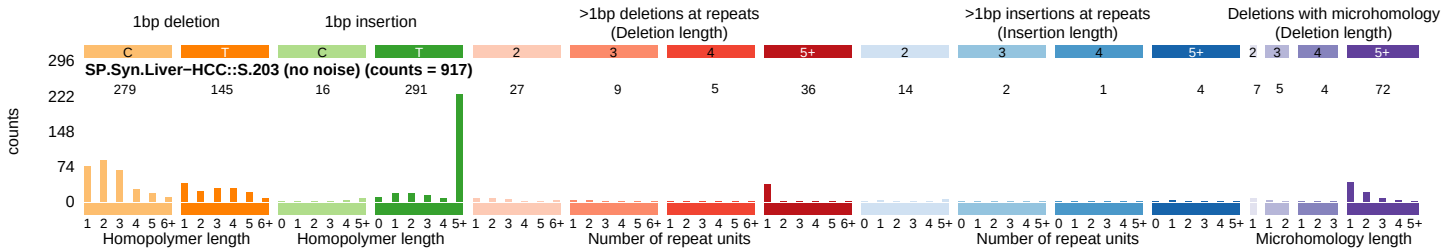

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.198 (no noise) (counts = 613)
counts
Homopolymer length
Number of repeat units
Microhomology length

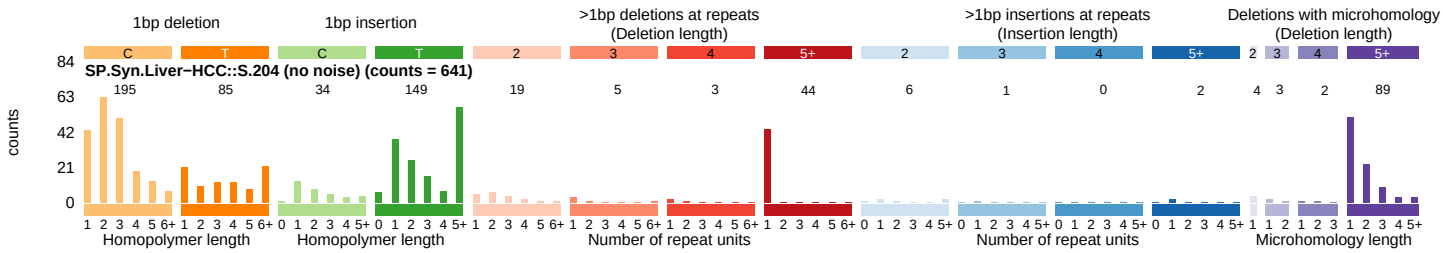

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.199 (no noise) (counts = 684)
counts
Homopolymer length
Number of repeat units
Microhomology length

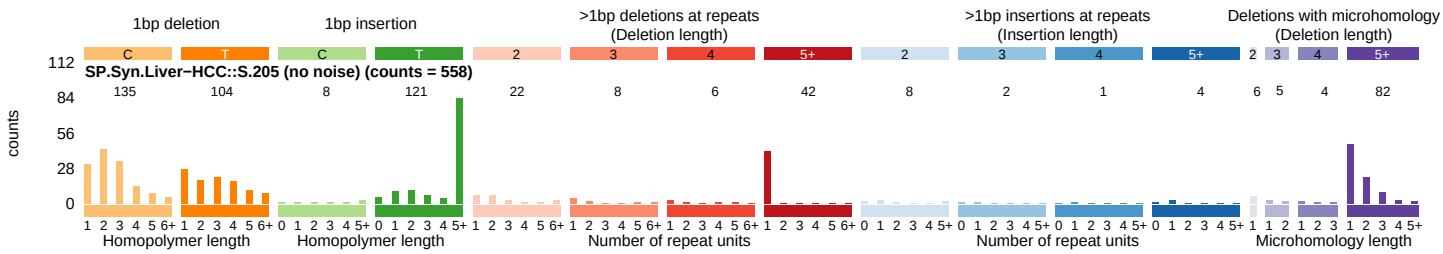

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.200 (no noise) (counts = 499)
counts
Homopolymer length
Number of repeat units
Microhomology length

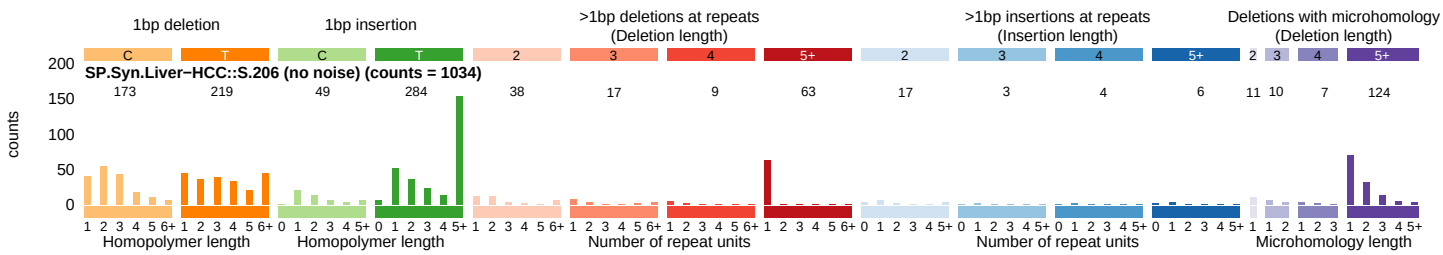

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.201 (no noise) (counts = 882)
242 197 16 222 33 12 7 35 16 3 3 4 10 7 6 69
counts
Homopolymer length
Number of repeat units
Microhomology length

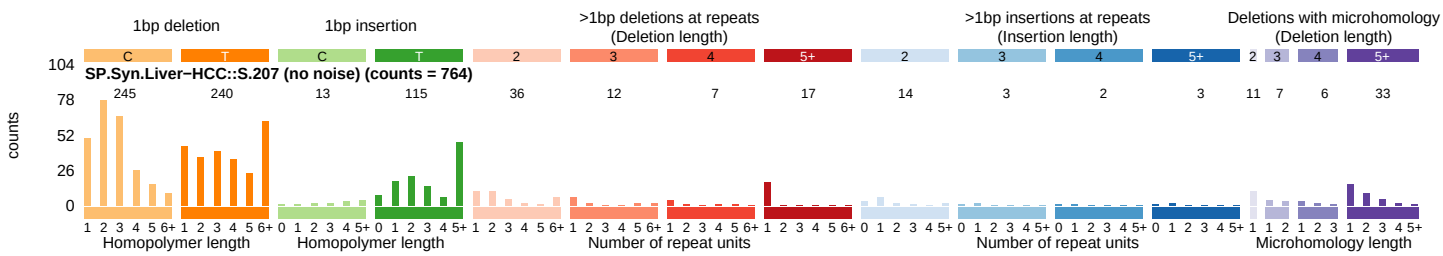

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.202 (no noise) (counts = 817)
99 142 13 304 27 13 7 55 16 3 3 5 8 8 6 108
counts
Homopolymer length
Number of repeat units
Microhomology length

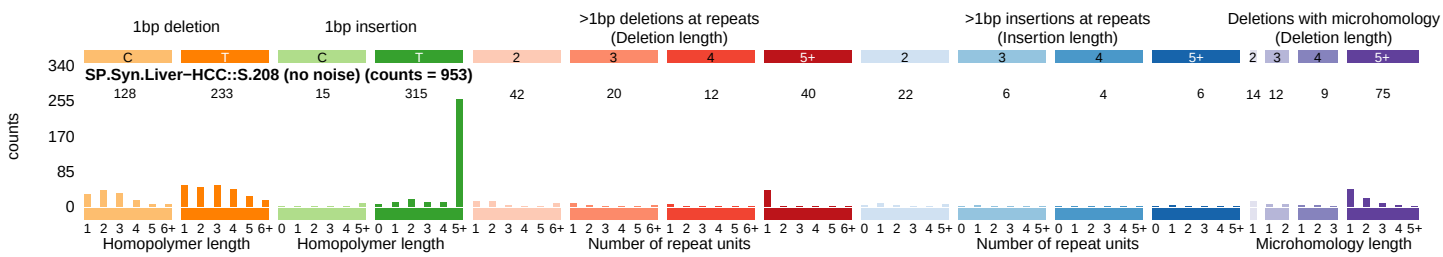

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.203 (no noise) (counts = 917)
279 145 16 291 27 9 5 36 14 2 1 4 7 5 4 72
counts
Homopolymer length
Number of repeat units
Microhomology length

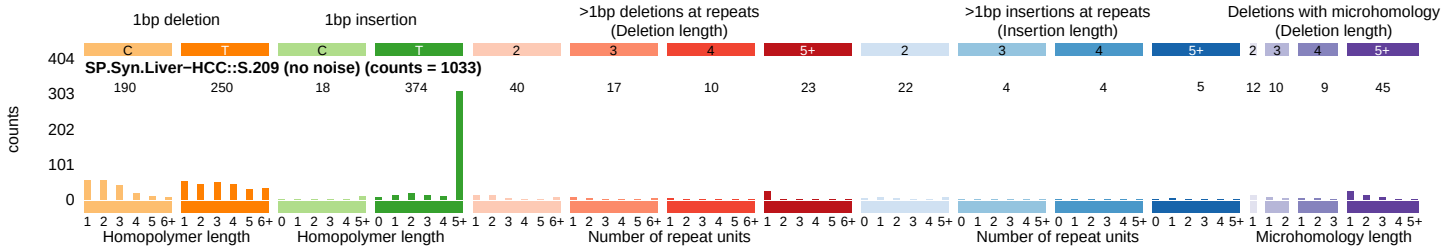

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.204 (no noise) (counts = 641)
195 85 34 149 19 5 3 44 6 1 0 2 4 3 2 89
counts
Homopolymer length
Number of repeat units
Microhomology length

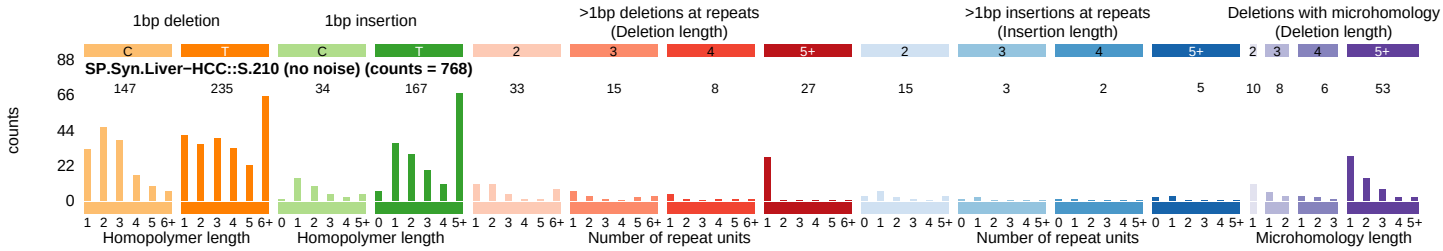

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.205 (no noise) (counts = 558)
135 104 8 121 22 8 6 42 8 2 1 4 6 5 4 82
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 1034)
173 219 49 284 38 17 9 63 17 3 4 6 11 10 7 124
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 764)
245 240 13 115 36 12 7 17 14 3 2 3 11 7 6 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.208 (no noise) (counts = 953)
128 233 15 315 42 20 12 40 22 6 4 6 14 12 9 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.209 (no noise) (counts = 1033)
190 250 18 374 40 17 10 23 22 4 4 5 12 10 9 45
counts
Homopolymer length
Number of repeat units
Microhomology length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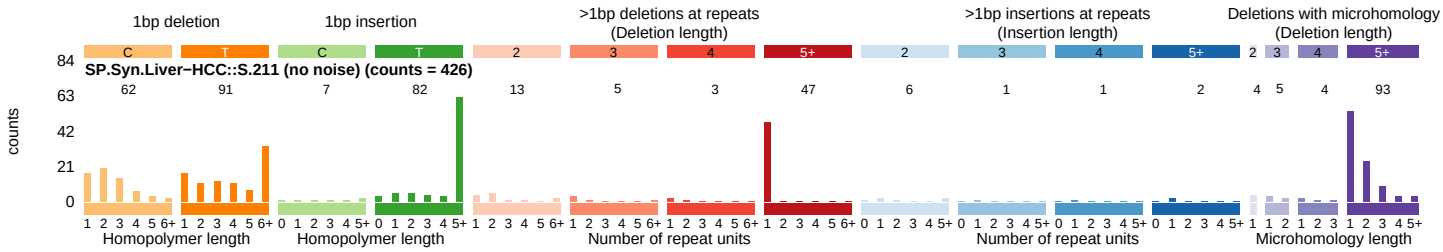
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.210 (no noise) (counts = 768)
147 235 34 167 33 15 8 27 15 3 2 5 10 8 6 53
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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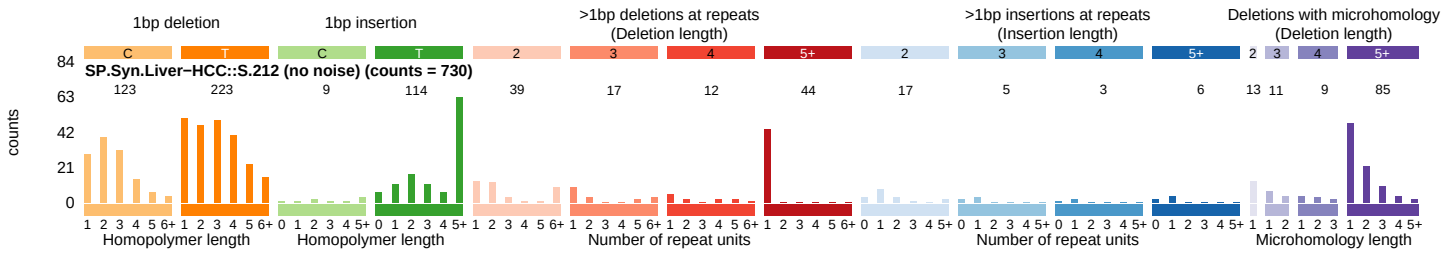
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.211 (no noise) (counts = 426)
62 91 7 82 13 5 3 47 6 1 1 2 4 5 4 93
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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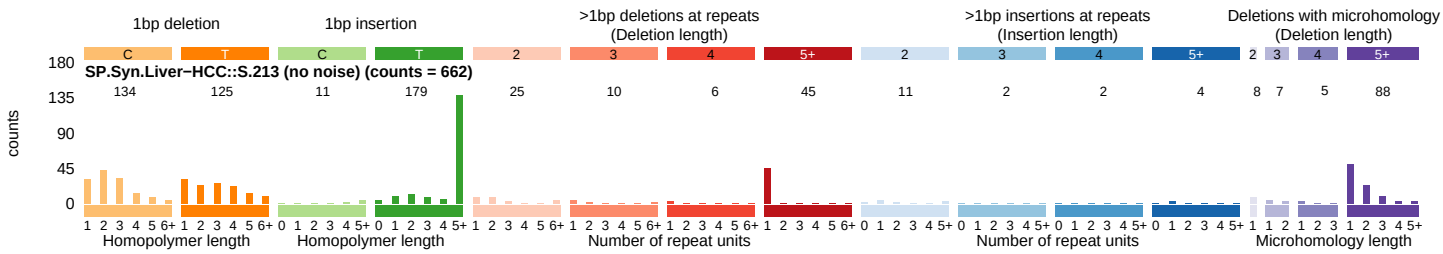
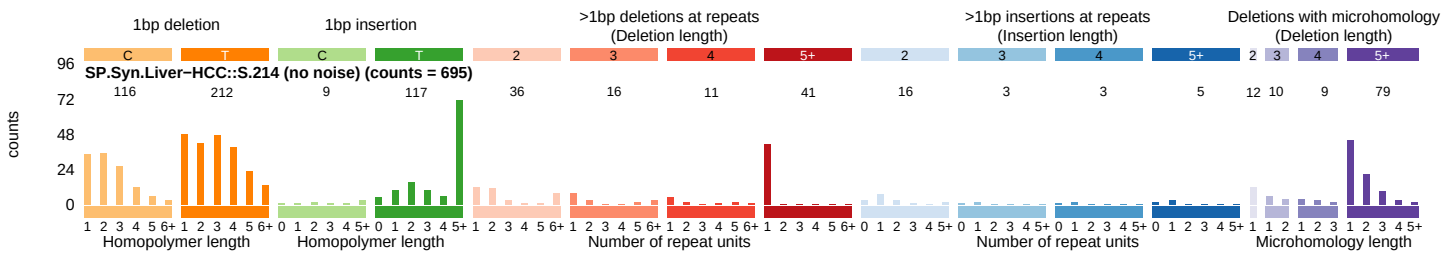
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.212 (no noise) (counts = 730)
123 223 9 114 39 17 12 44 17 5 3 6 13 11 9 85
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.213 (no noise) (counts = 662)
134 125 11 179 25 10 6 45 11 2 2 4 8 7 5 88
counts
Homopolymer length
Number of repeat units
Microhomology length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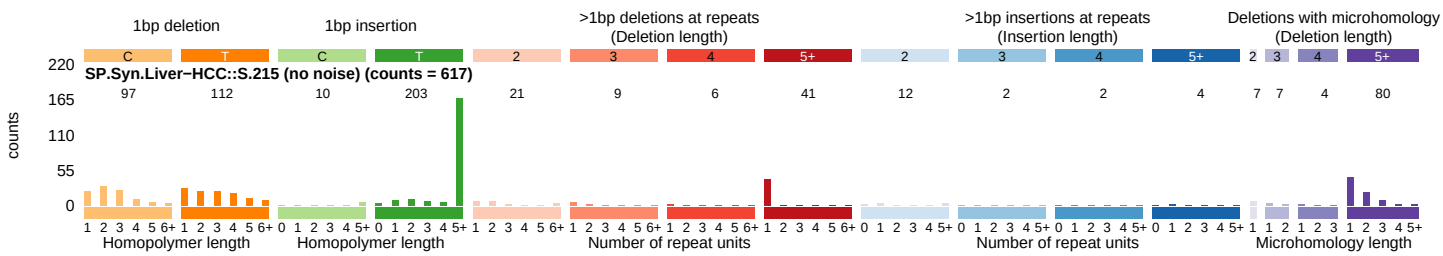
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.214 (no noise) (counts = 695)
116 212 9 117 36 16 11 41 16 3 3 5 12 10 9 79
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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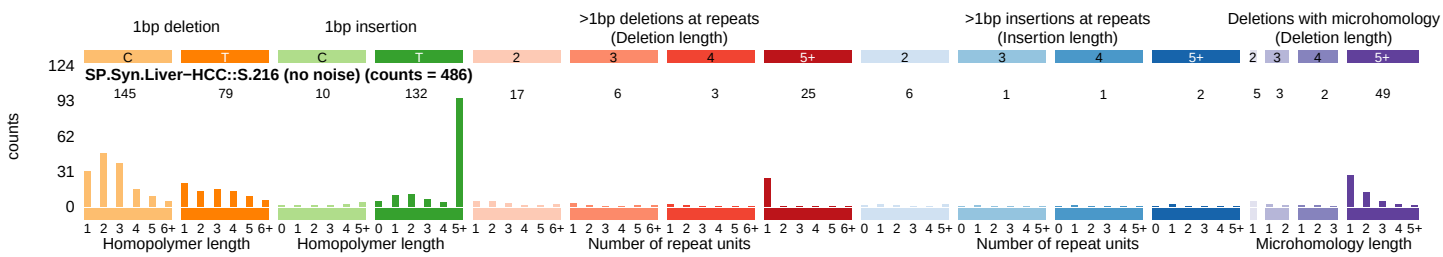
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.215 (no noise) (counts = 617)
97 112 10 203 21 9 6 41 12 2 2 4 7 7 4 80
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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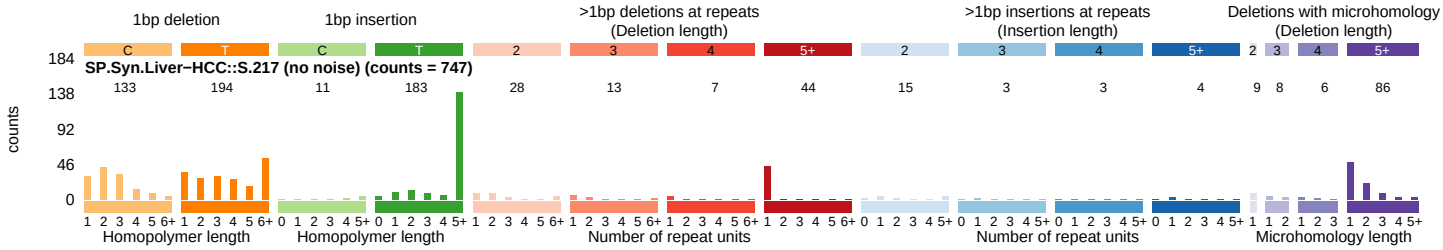
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.216 (no noise) (counts = 486)
145 79 10 132 17 6 3 25 6 1 1 2 5 3 2 49
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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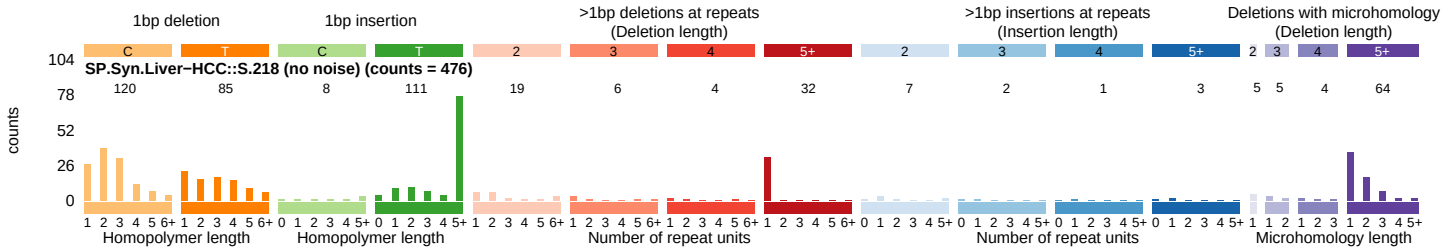
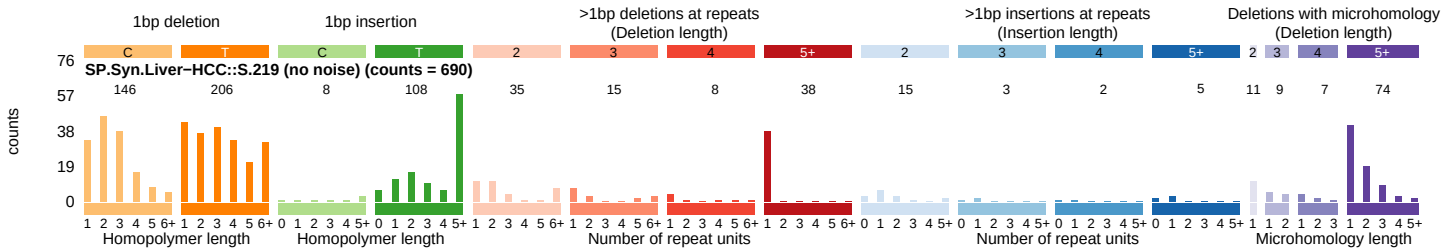
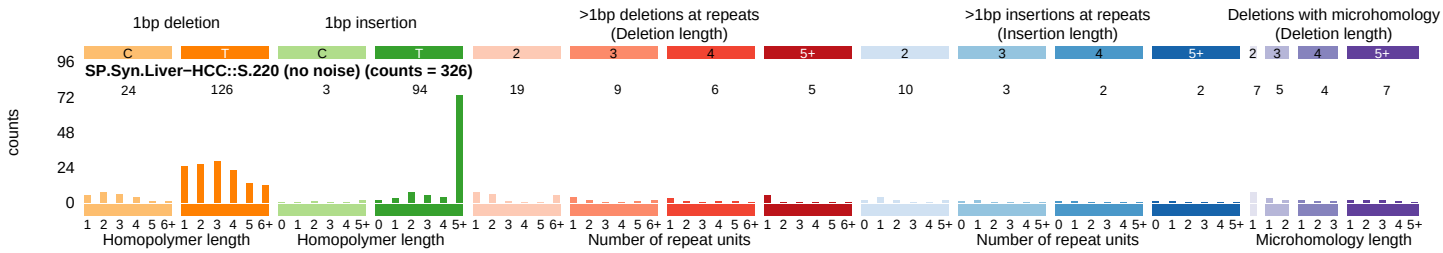
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.217 (no noise) (counts = 747)
133 194 11 183 28 13 7 44 15 3 3 4 9 8 6 86
counts
184 138 92 46 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


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.218 (no noise) (counts = 476)
120 85 8 111 19 6 4 32 7 2 1 3 5 5 4 64
counts
104 78 52 26 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.219 (no noise) (counts = 690)
146 206 8 108 35 15 8 38 15 3 2 5 11 9 7 74
counts
76 57 38 19 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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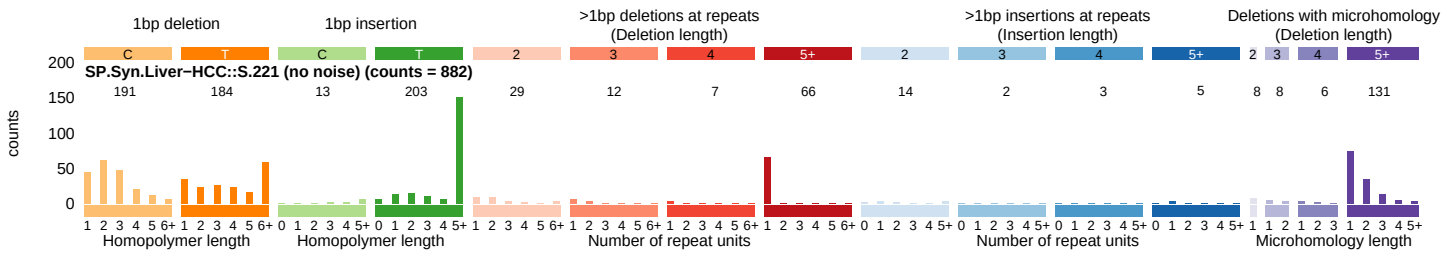
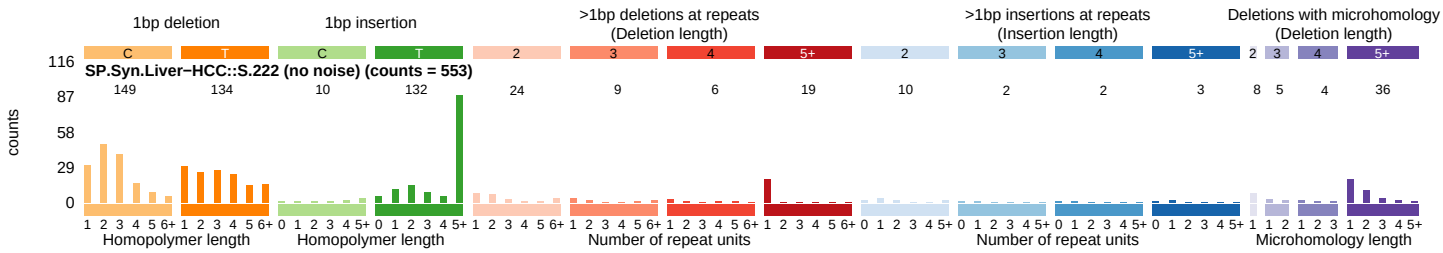
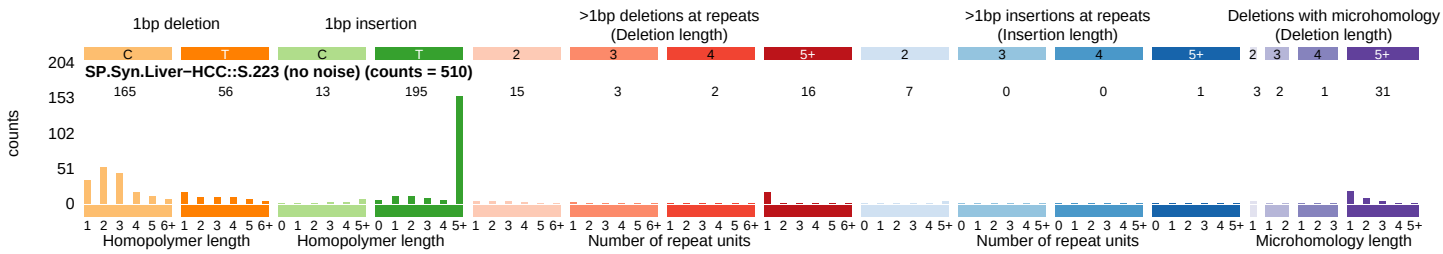
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.220 (no noise) (counts = 326)
24 126 3 94 19 9 6 5 10 3 2 2 7 5 4 7
counts
96 72 48 24 0
Homopolymer 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.221 (no noise) (counts = 882)
191 184 13 203 29 12 7 66 14 2 3 5 8 8 6 131
counts
200 150 100 50 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.222 (no noise) (counts = 553)
149 134 10 132 24 9 6 19 10 2 2 3 8 5 4 36
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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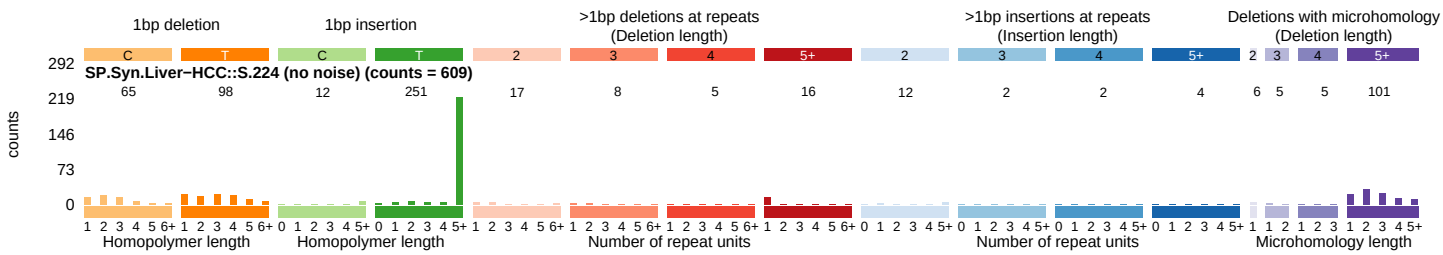
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.223 (no noise) (counts = 510)
165 56 13 195 15 3 2 16 7 0 0 1 3 2 1 31
counts
204 153 102 51 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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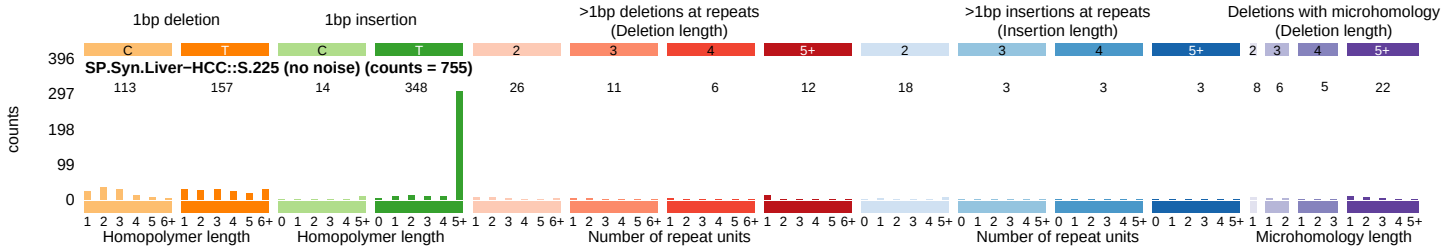
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.224 (no noise) (counts = 609)
65 98 12 251 17 8 5 16 12 2 2 4 6 5 5 101
counts
292 219 146 73 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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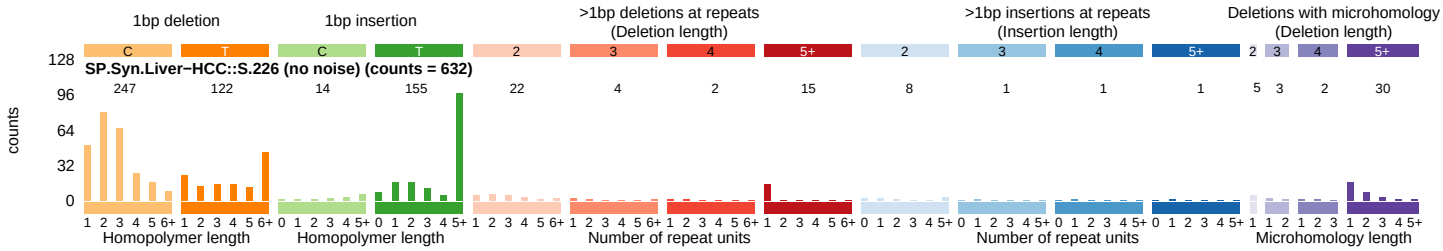
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.225 (no noise) (counts = 755)
113 157 14 348 26 11 6 12 18 3 3 3 8 6 5 22
counts
Homopolymer length
Number of repeat units
Microhomology length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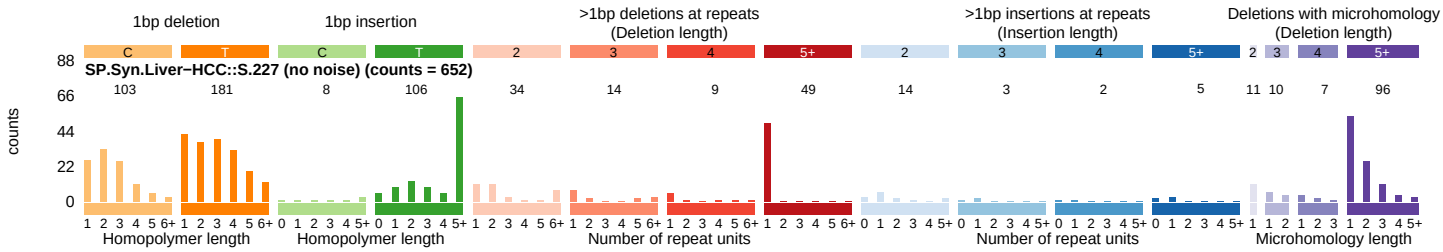
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.226 (no noise) (counts = 632)
247 122 14 155 22 4 2 15 8 1 1 1 5 3 2 30
counts
Homopolymer length
Number of repeat units
Microhomology length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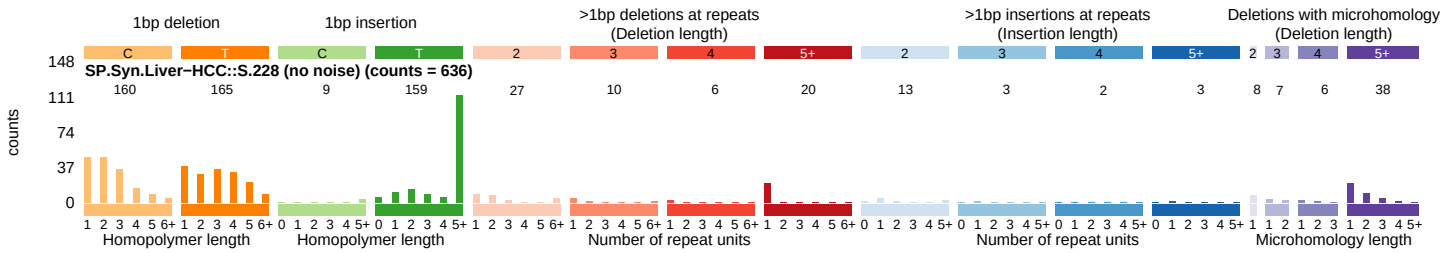
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.227 (no noise) (counts = 652)
103 181 8 106 34 14 9 49 14 3 2 5 11 10 7 96
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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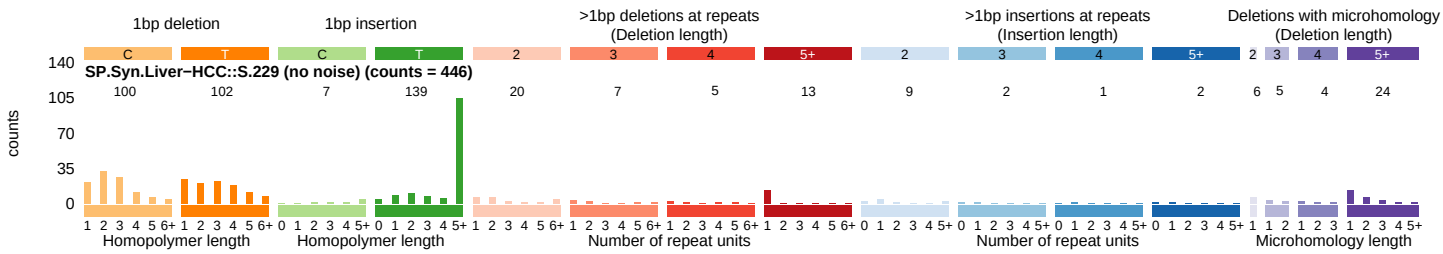
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.228 (no noise) (counts = 636)
160 165 9 159 27 10 6 20 13 3 2 3 8 7 6 38
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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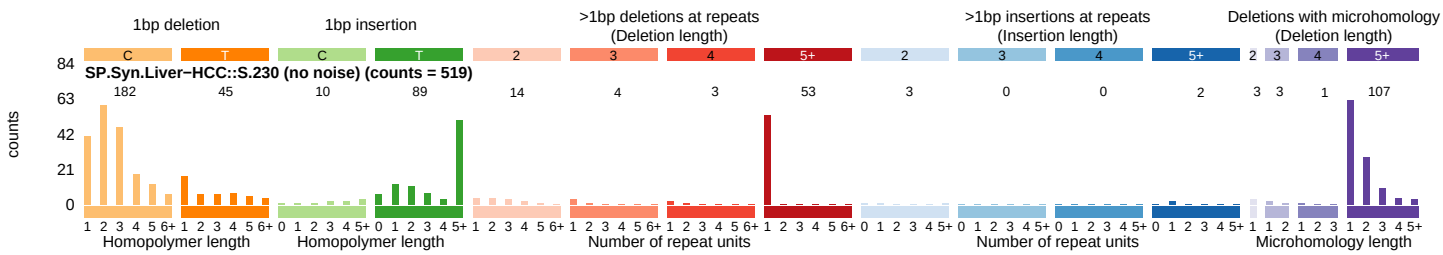
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.229 (no noise) (counts = 446)
100 102 7 139 20 7 5 13 9 2 1 2 6 5 4 24
counts
Homopolymer length
Number of repeat units
Microhomology length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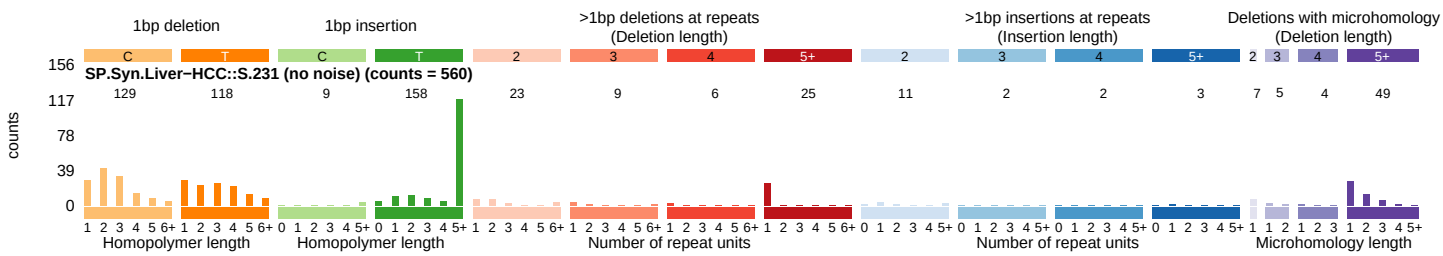
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.230 (no noise) (counts = 519)
182 45 10 89 14 4 3 53 3 0 0 2 3 3 1 107
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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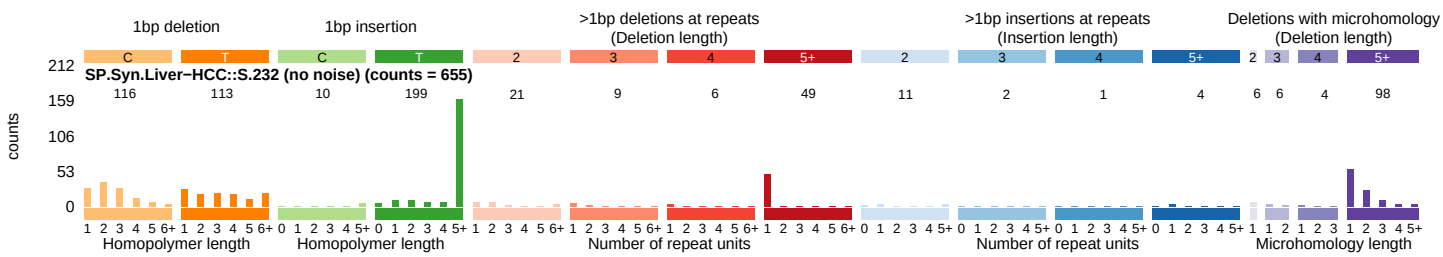
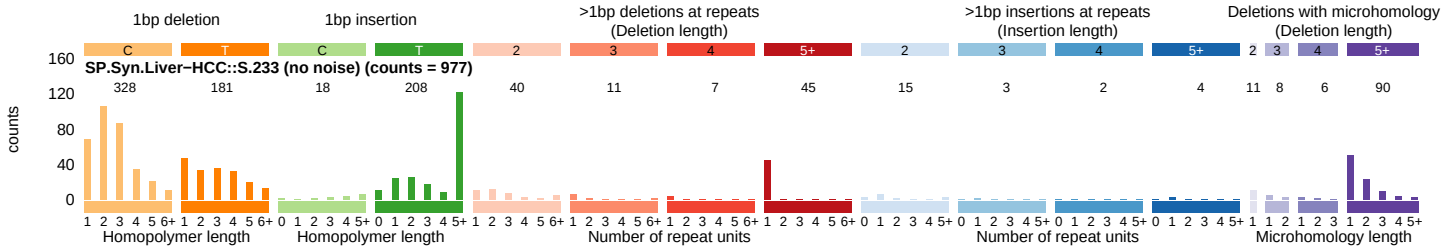
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.231 (no noise) (counts = 560)
129 118 9 158 23 9 6 25 11 2 2 3 7 5 4 49
counts
Homopolymer length
Number of repeat units
Microhomology length


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.232 (no noise) (counts = 655)
116 113 10 199 21 9 6 49 11 2 1 4 6 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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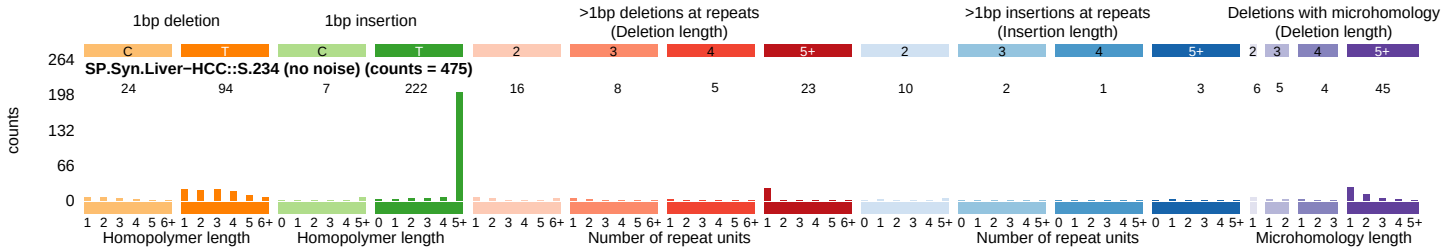
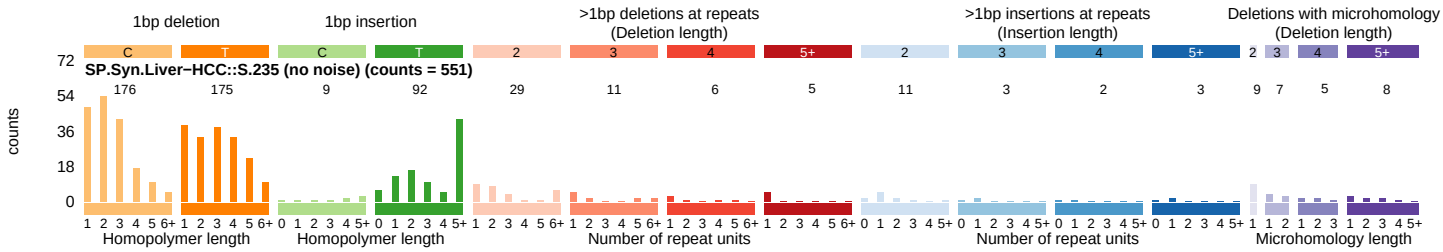
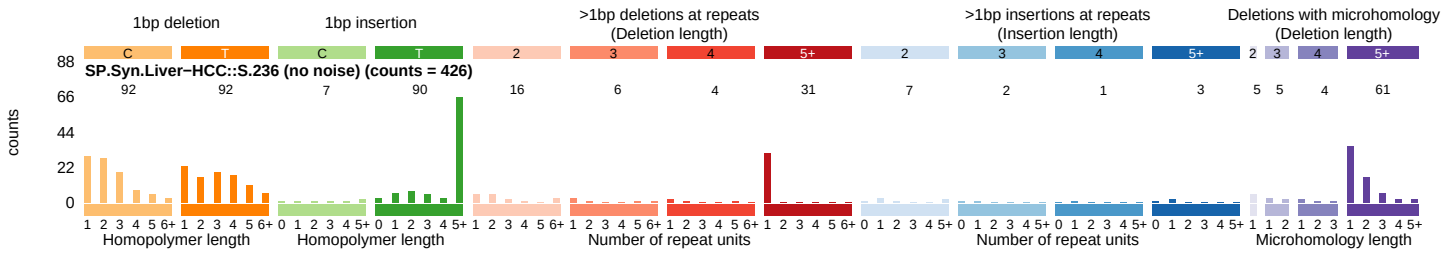
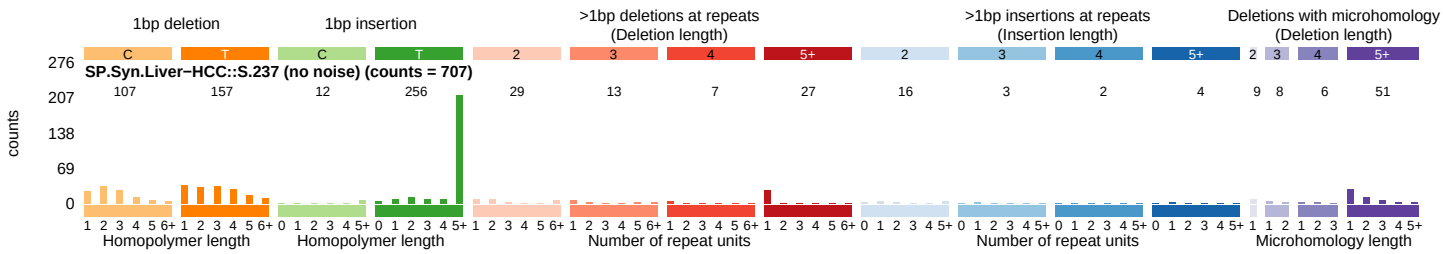
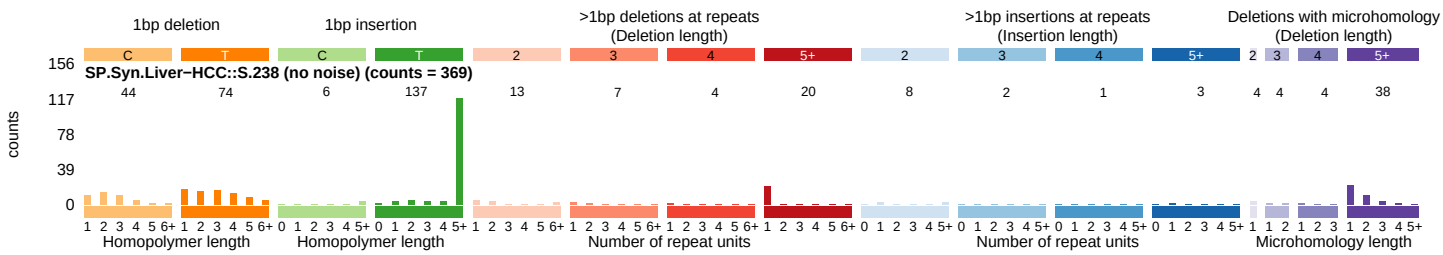
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.233 (no noise) (counts = 977)
328 181 18 208 40 11 7 45 15 3 2 4 11 8 6 90
counts
Homopolymer length
Number of repeat units
Microhomology length

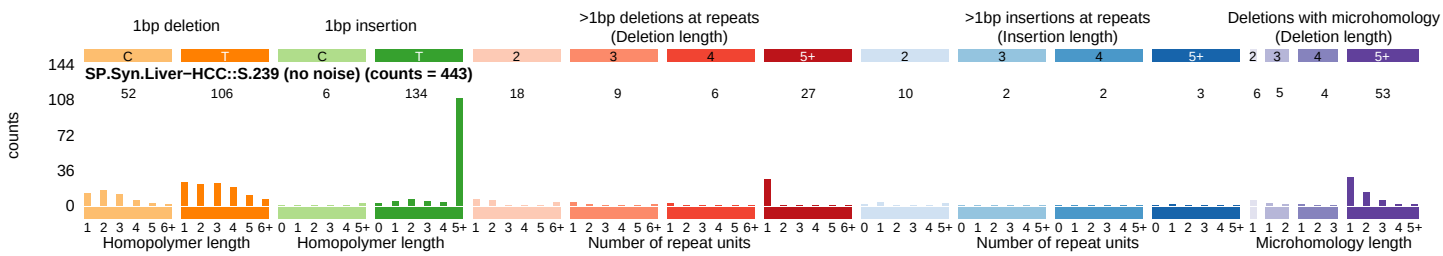

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.234 (no noise) (counts = 475)
24 94 7 222 16 8 5 23 10 2 1 3 6 5 4 45
counts
Homopolymer length
Number of repeat units
Microhomology length

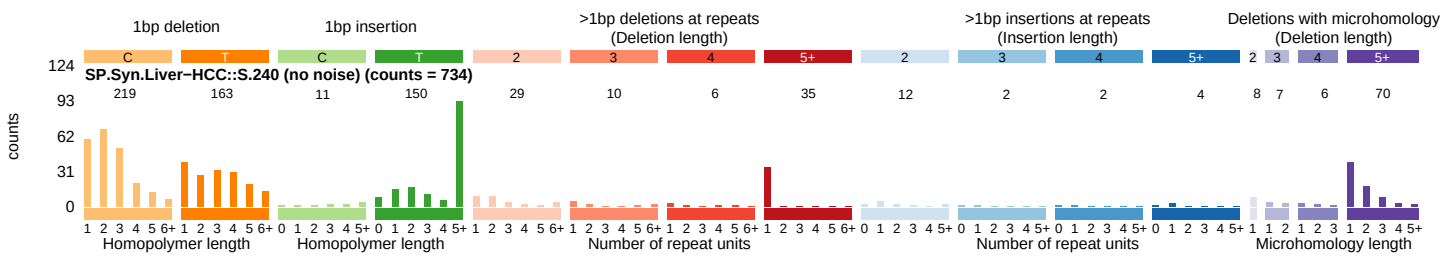

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.235 (no noise) (counts = 551)
176 175 9 92 29 11 6 5 11 3 2 3 9 7 5 8
counts
Homopolymer length
Number of repeat units
Microhomology length

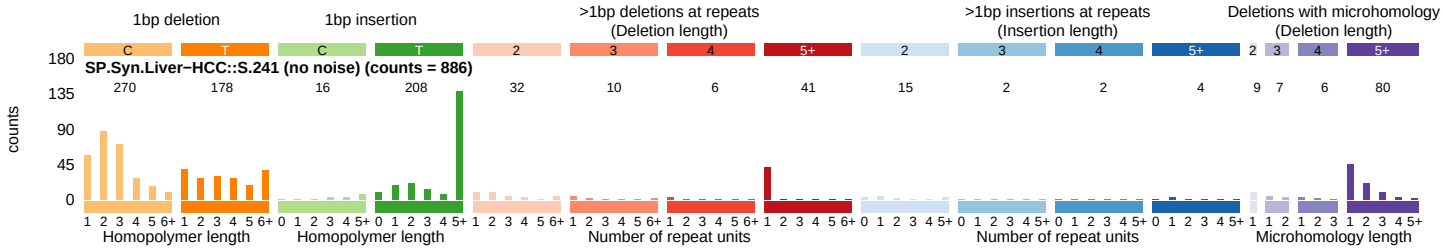

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.236 (no noise) (counts = 426)
92 92 7 90 16 6 4 31 7 2 1 3 5 5 4 61
counts
Homopolymer length
Number of repeat units
Microhomology length

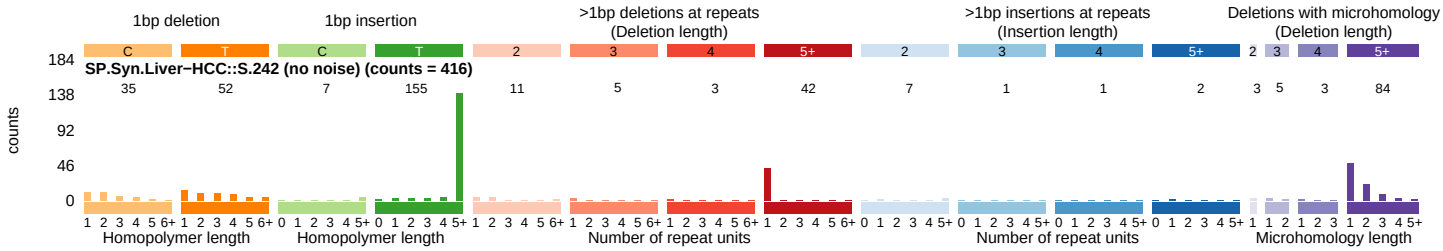

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.237 (no noise) (counts = 707)
107 157 12 256 29 13 7 27 16 3 2 4 9 8 6 51
counts
Homopolymer length
Number of repeat units
Microhomology length

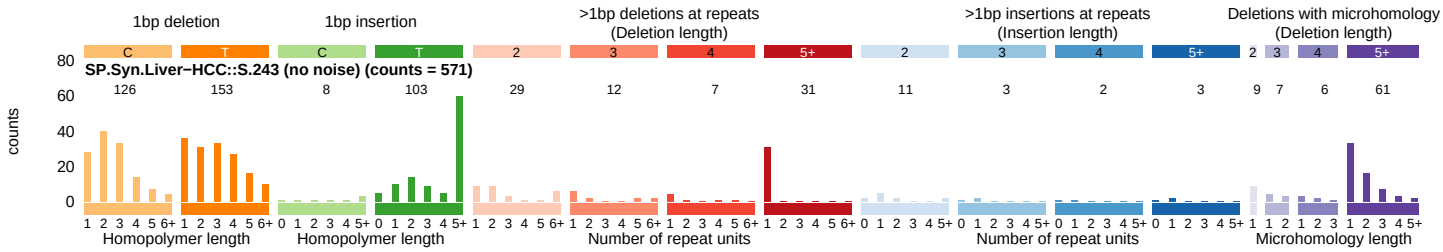

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.238 (no noise) (counts = 369)
44 74 6 137 13 7 4 20 8 2 1 3 4 4 4 38
counts
Homopolymer length
Number of repeat units
Microhomology length

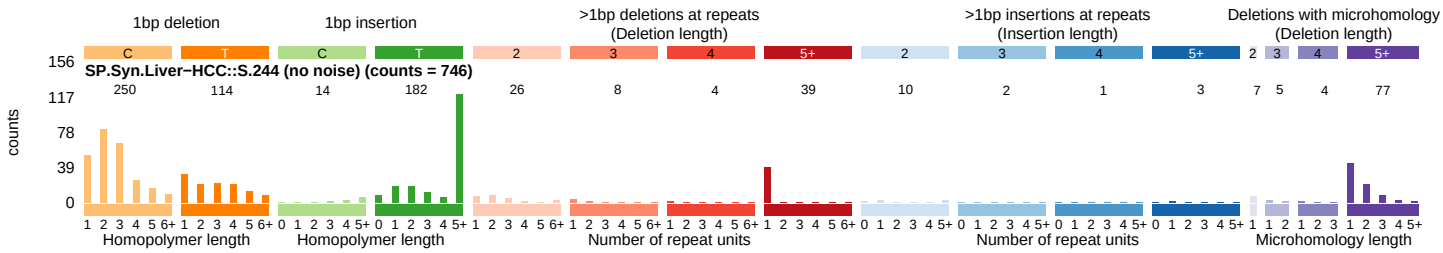

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.239 (no noise) (counts = 443)
52 106 6 134 18 9 6 27 10 2 2 3 6 5 4 53
counts
Homopolymer length
Number of repeat units
Microhomology length

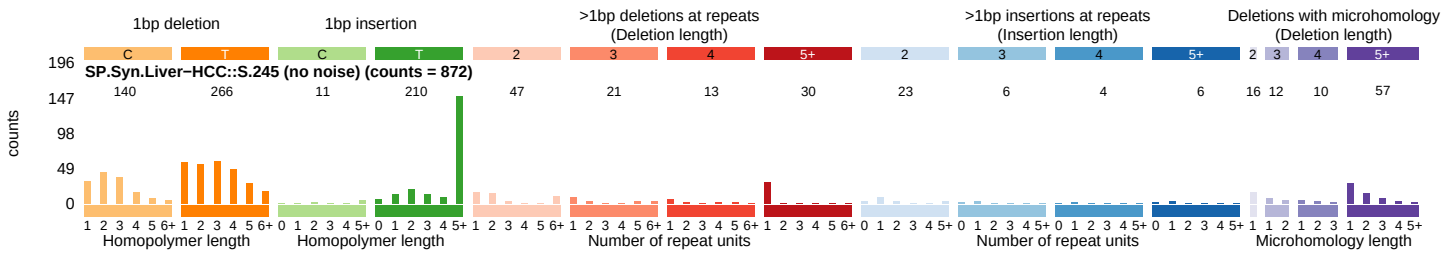

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.240 (no noise) (counts = 734)
219 163 11 150 29 10 6 35 12 2 2 4 8 7 6 70
counts
Homopolymer length
Number of repeat units
Microhomology length

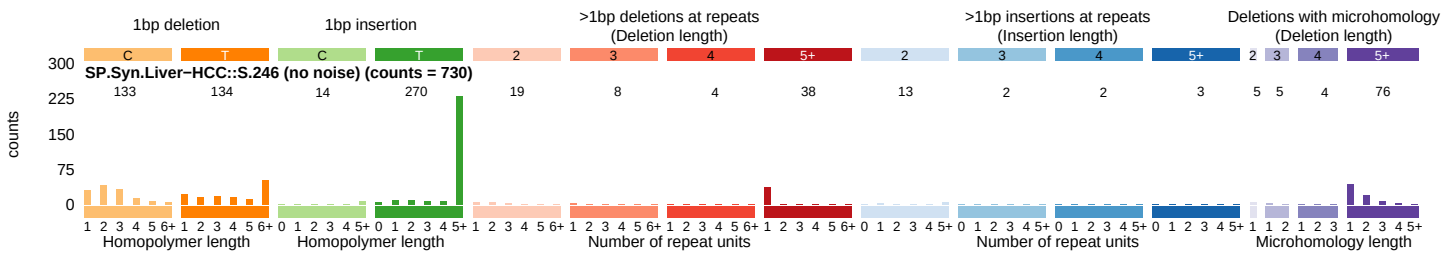

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.241 (no noise) (counts = 886)
270 178 16 208 32 10 6 41 15 2 2 4 9 7 6 80
counts
Homopolymer length
Number of repeat units
Microhomology length

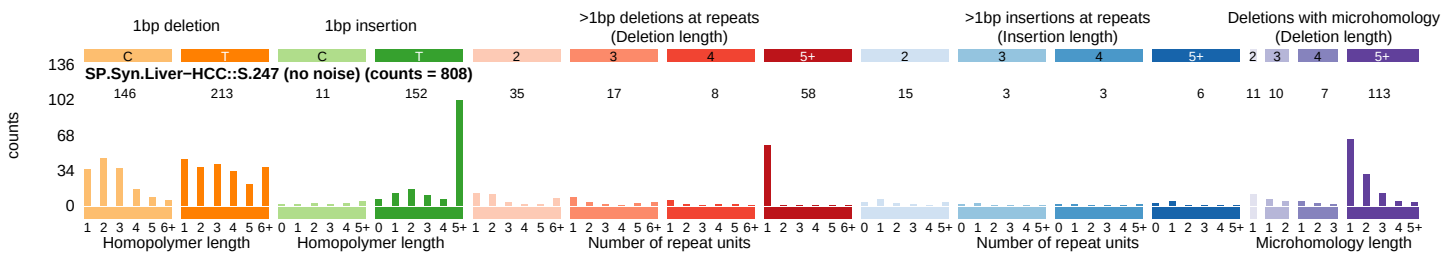

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.242 (no noise) (counts = 416)
35 52 7 155 11 5 3 42 7 1 1 2 3 5 3 84
counts
Homopolymer length
Number of repeat units
Microhomology length

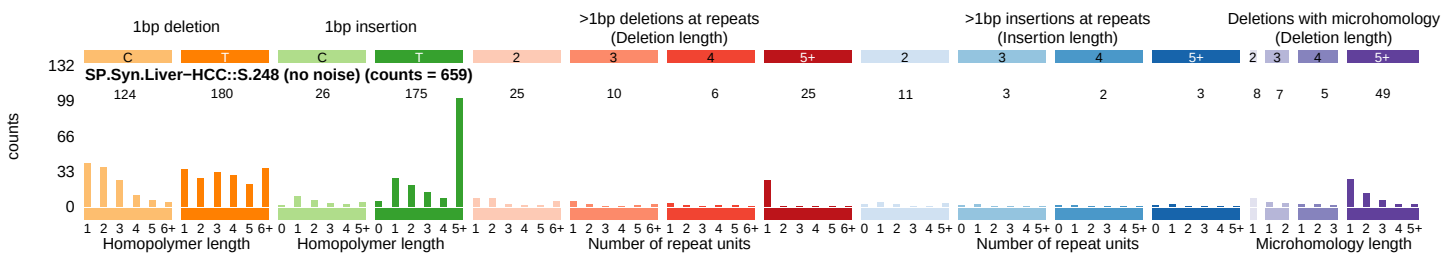

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.243 (no noise) (counts = 571)
126 153 8 103 29 12 7 31 11 3 2 3 9 7 6 61
counts
Homopolymer length
Number of repeat units
Microhomology length

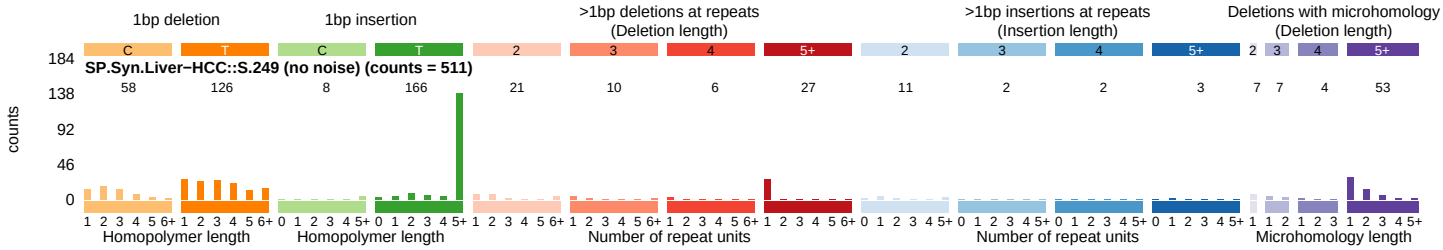

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.244 (no noise) (counts = 746)
250 114 14 182 26 8 4 39 10 2 1 3 7 5 4 77
counts
Homopolymer length
Number of repeat units
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.245 (no noise) (counts = 872)
140 266 11 210 47 21 13 30 23 6 4 6 16 12 10 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.246 (no noise) (counts = 730)
133 134 14 270 19 8 4 38 13 2 2 3 5 5 4 76
counts
Homopolymer length
Number of repeat units
Microhomology 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.247 (no noise) (counts = 808)
146 213 11 152 35 17 8 58 15 3 3 6 11 10 7 113
counts
Homopolymer length
Number of repeat units
Microhomology 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.248 (no noise) (counts = 659)
124 180 26 175 25 10 6 25 11 3 2 3 8 7 5 49
counts
Homopolymer length
Number of repeat units
Microhomology length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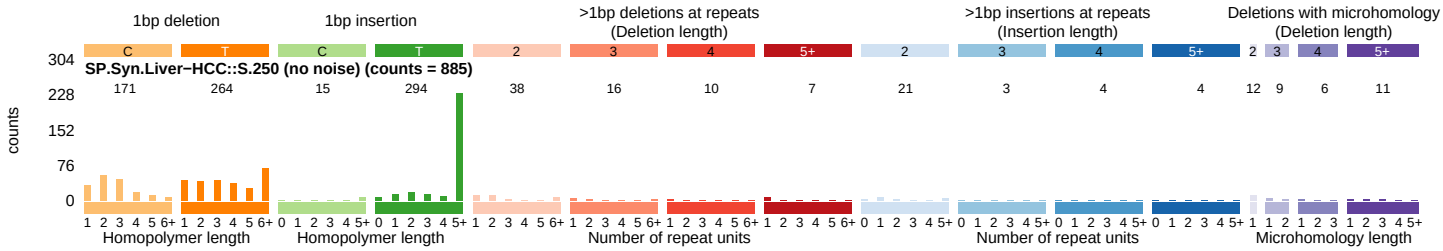
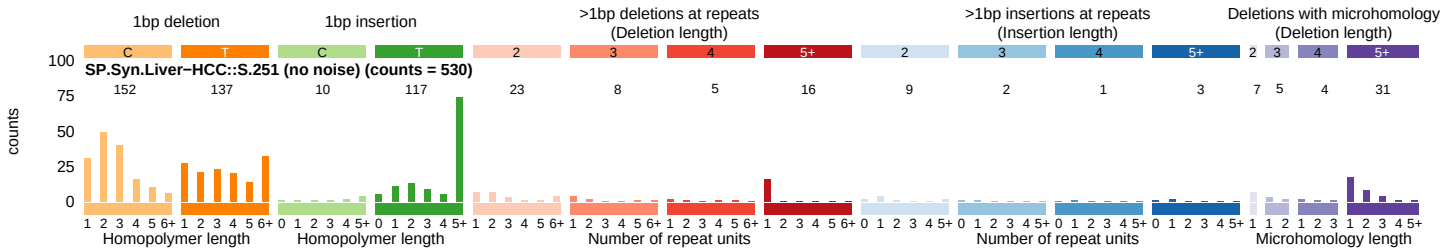
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.249 (no noise) (counts = 511)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
58 126 8 166 21 10 6 27 11 2 2 3 7 7 4 53
counts
Homopolymer length
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.250 (no noise) (counts = 885)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
171 264 15 294 38 16 10 7 21 3 4 4 12 9 6 11
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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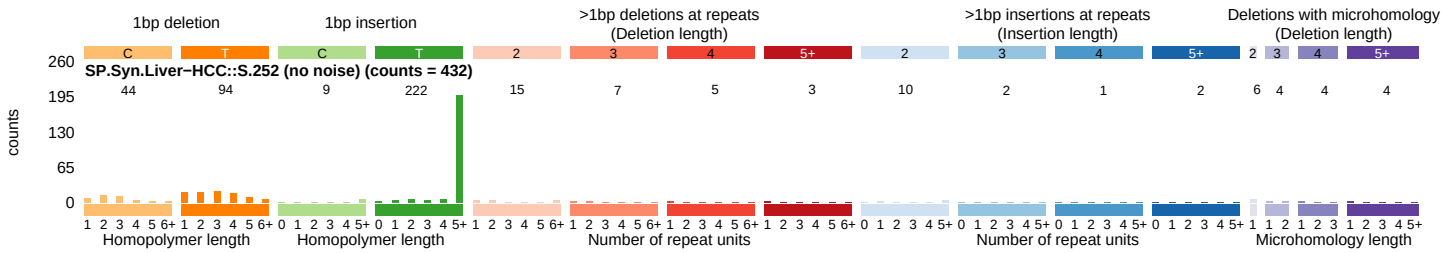
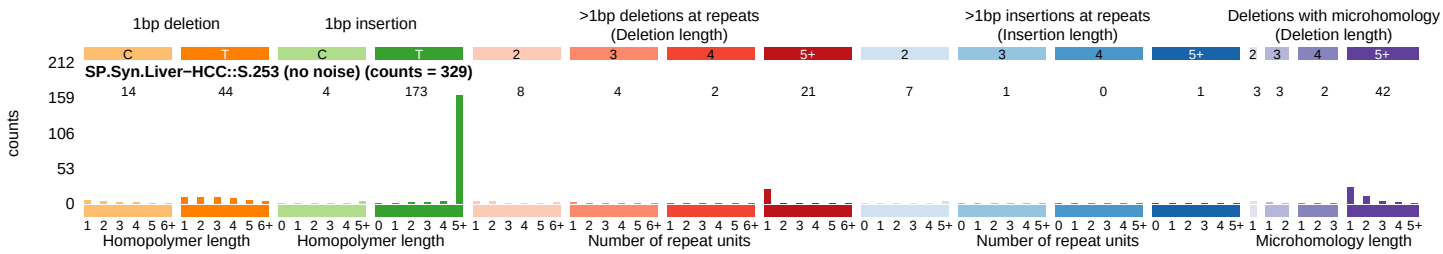
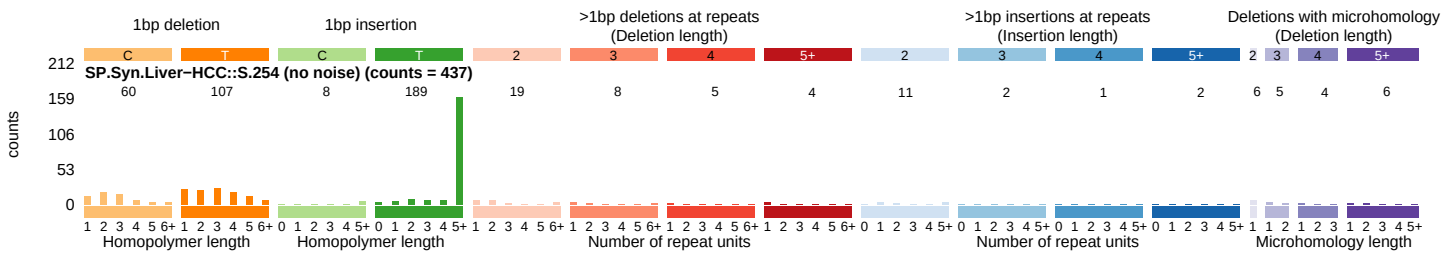
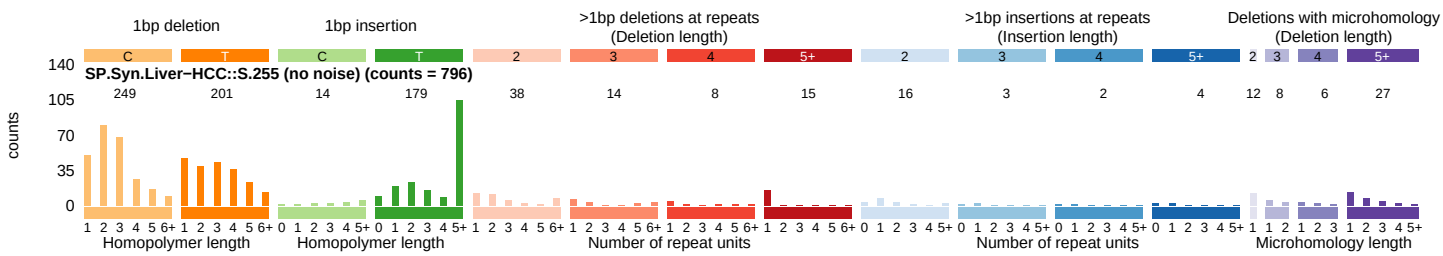
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.251 (no noise) (counts = 530)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
152 137 10 117 23 8 5 16 9 2 1 3 7 5 4 31
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.252 (no noise) (counts = 432)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
44 94 9 222 15 7 5 3 10 2 1 2 6 4 4 4
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 329)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
14 44 4 173 8 4 2 21 7 1 0 1 3 3 2 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.Liver−HCC::S.254 (no noise) (counts = 437)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
60 107 8 189 19 8 5 4 11 2 1 2 6 5 4 6
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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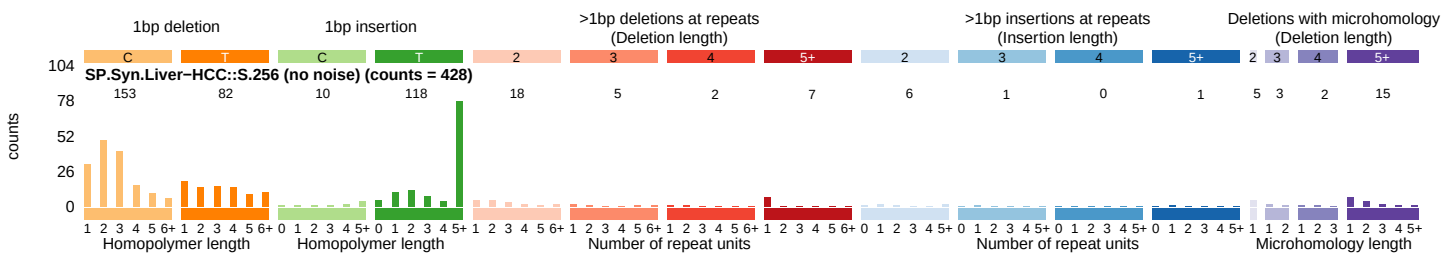
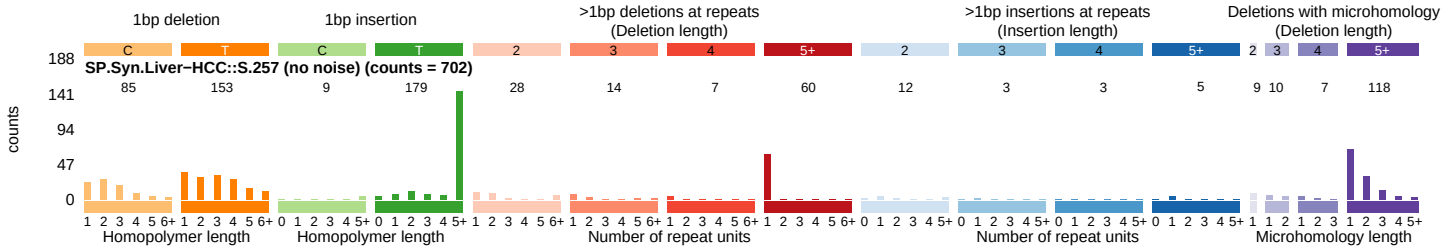
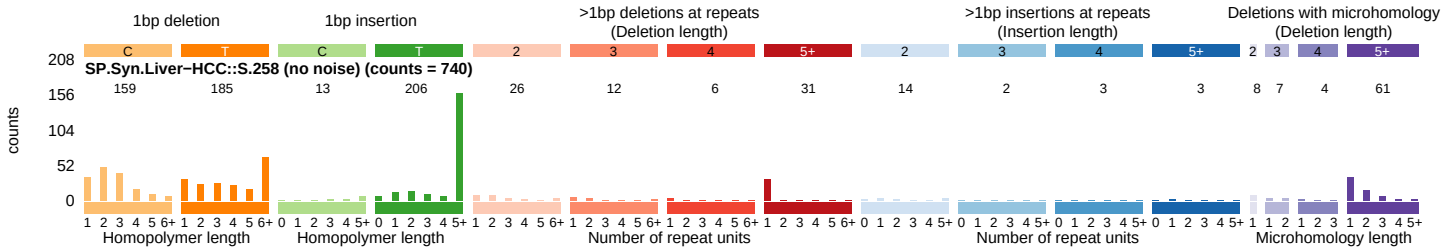
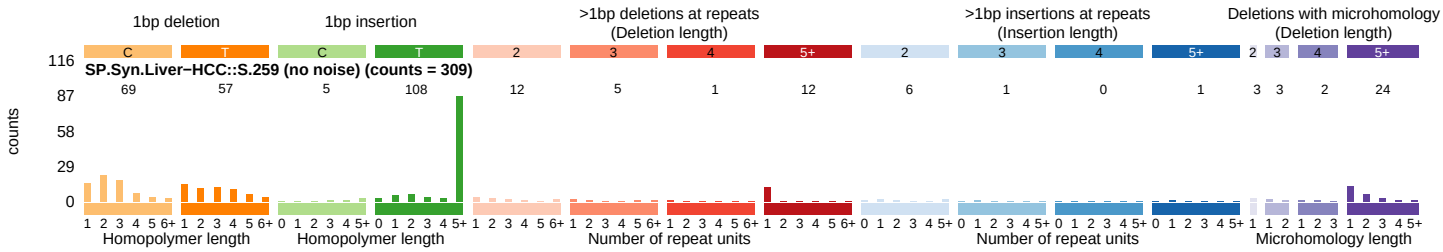
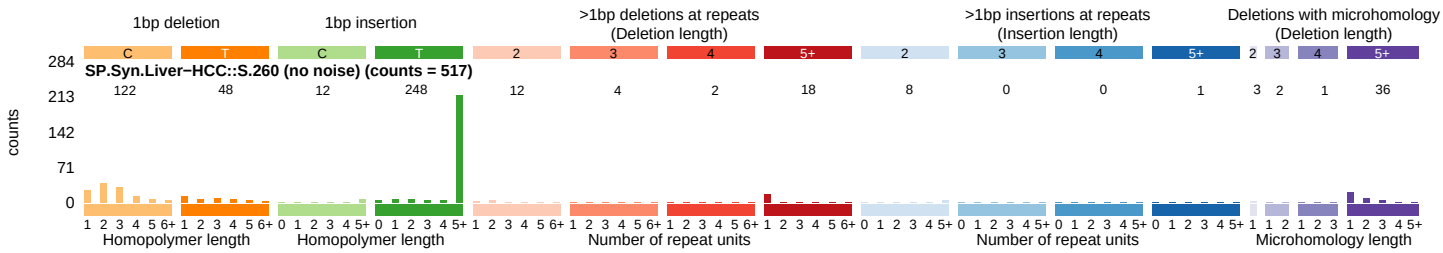
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.255 (no noise) (counts = 796)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
249 201 14 179 38 14 8 15 16 3 2 4 12 8 6 27
counts
Homopolymer length
Number of repeat units
Microhomology length

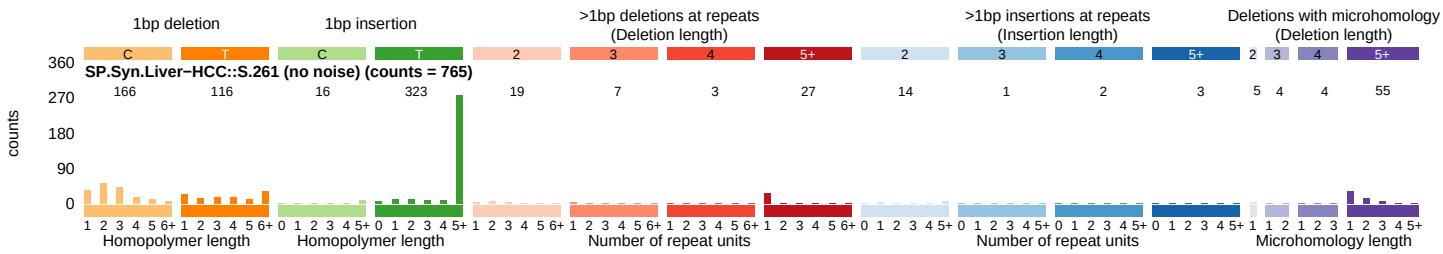

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.256 (no noise) (counts = 428)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
153 82 10 118 18 5 2 7 6 1 0 1 5 3 2 15
counts
Homopolymer length
Number of repeat units
Microhomology length

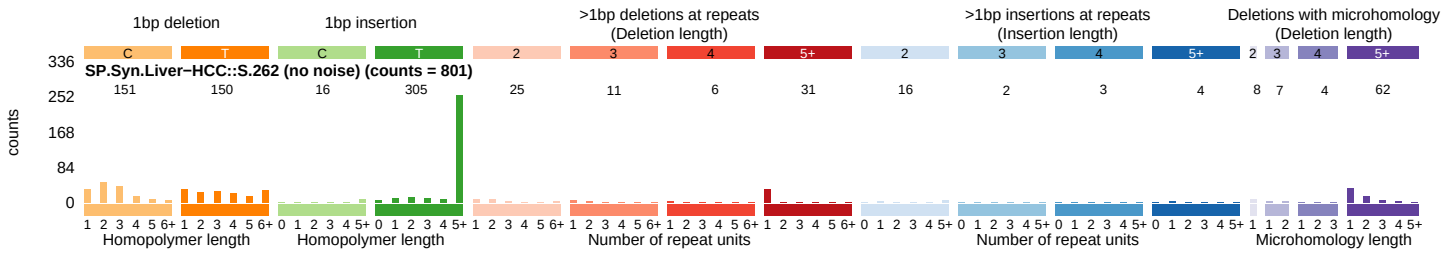

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.257 (no noise) (counts = 702)
85 153 9 179 28 14 7 60 12 3 3 5 9 10 7 118
counts
188 141 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

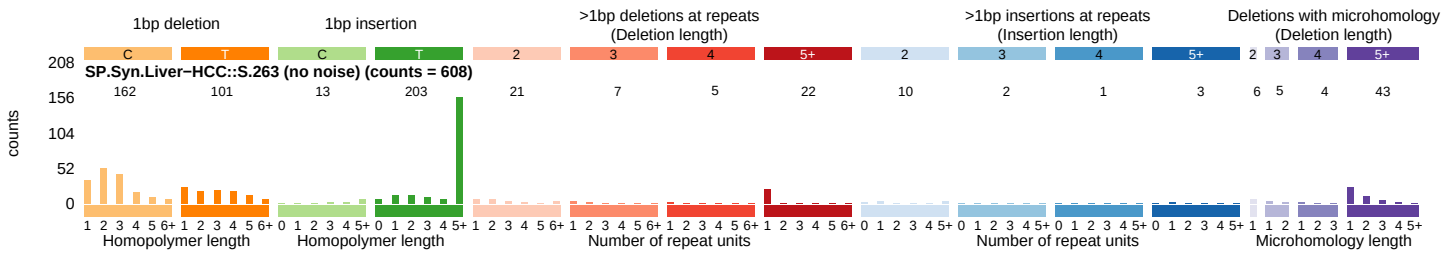

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.258 (no noise) (counts = 740)
159 185 13 206 26 12 6 31 14 2 3 3 8 7 4 61
counts
208 156 104 52 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

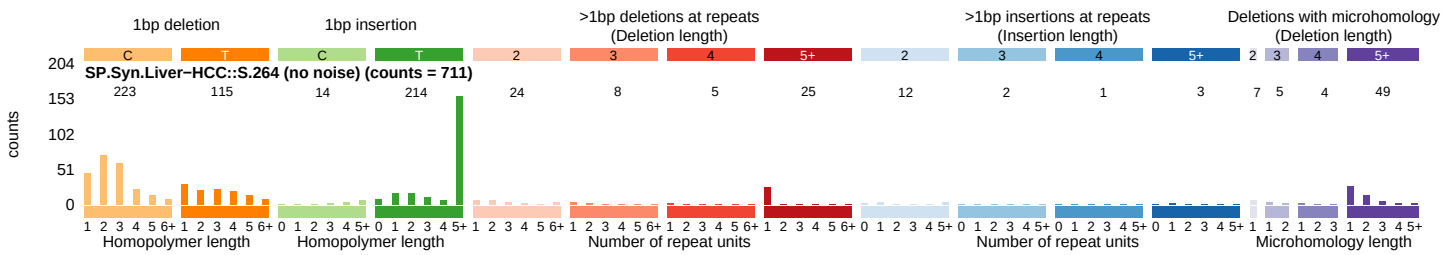

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.259 (no noise) (counts = 309)
69 57 5 108 12 5 1 12 6 1 0 1 3 3 2 24
counts
116 87 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

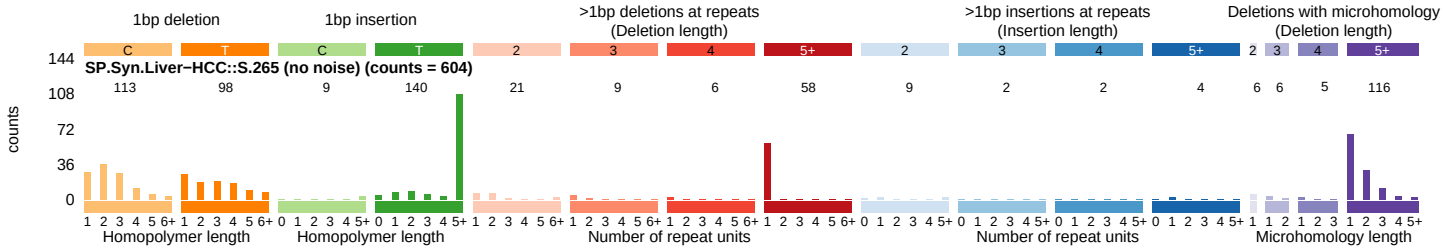

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.260 (no noise) (counts = 517)
122 48 12 248 12 4 2 18 8 0 0 1 3 2 1 36
counts
284 213 142 71 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

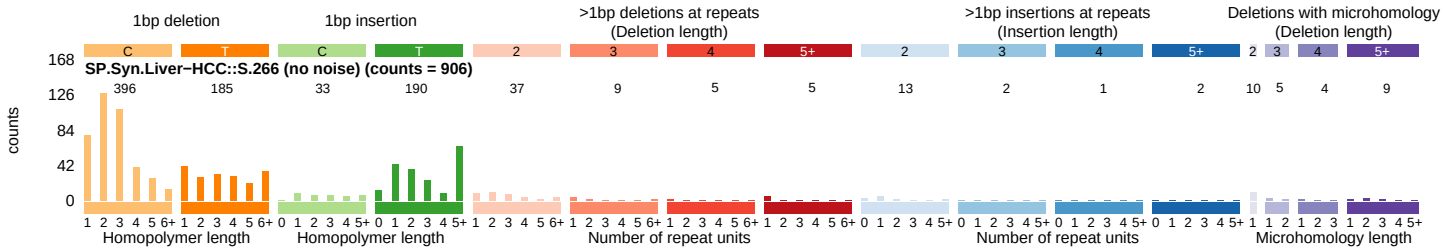

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.261 (no noise) (counts = 765)
166 116 16 323 19 7 3 27 14 1 2 3 5 4 4 55
counts
360 270 180 90 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

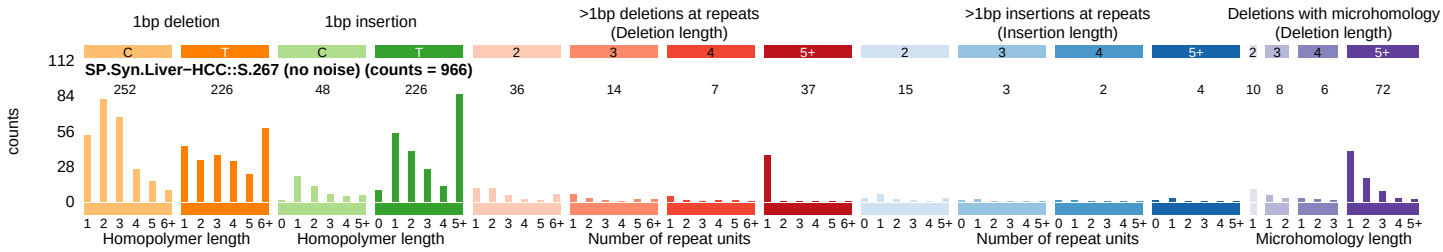

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.262 (no noise) (counts = 801)
151 150 16 305 25 11 6 31 16 2 3 4 8 7 4 62
counts
336 252 168 84 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.263 (no noise) (counts = 608)
162 101 13 203 21 7 5 22 10 2 1 3 6 5 4 43
counts
208 156 104 52 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.264 (no noise) (counts = 711)
223 115 14 214 24 8 5 25 12 2 1 3 7 5 4 49
counts
204 153 102 51 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.265 (no noise) (counts = 604)
113 98 9 140 21 9 6 58 9 2 2 4 6 6 5 116
counts
144 108 72 36 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.266 (no noise) (counts = 906)
396 185 33 190 37 9 5 5 13 2 1 2 10 5 4 9
counts
168 126 84 42 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)
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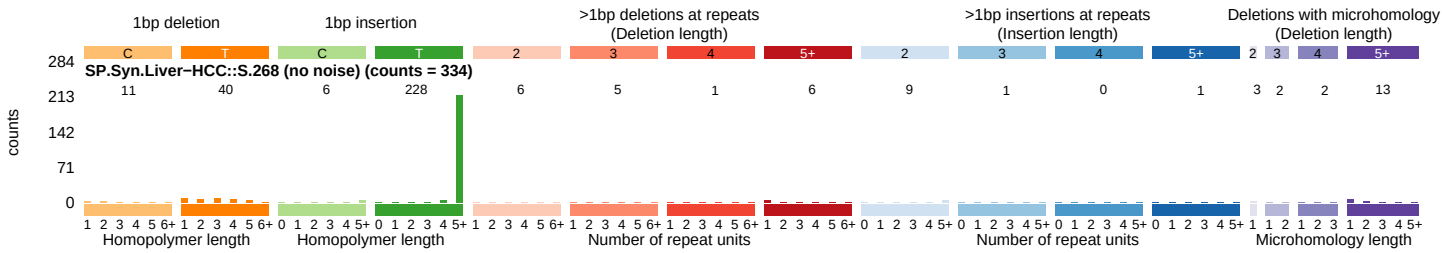
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.267 (no noise) (counts = 966)
252 226 48 226 36 14 7 37 15 3 2 4 10 8 6 72
counts
112 84 56 28 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 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)
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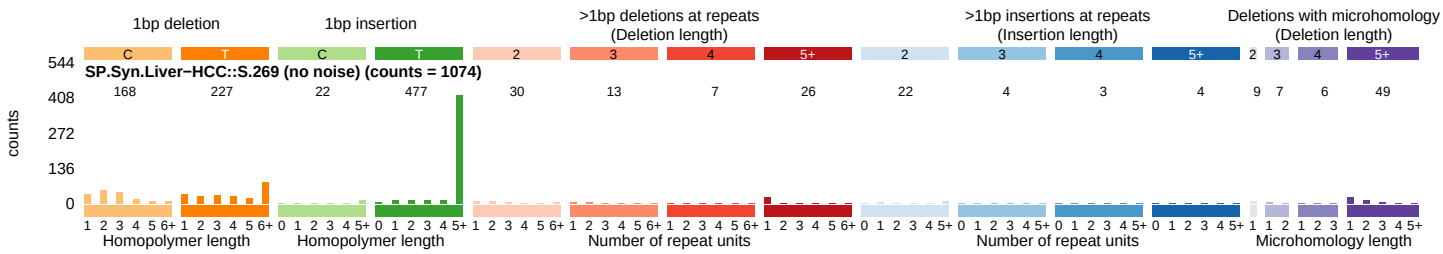
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.268 (no noise) (counts = 334)
11 40 6 228 6 5 1 6 9 1 0 1 3 2 2 13
counts
284 213 142 71 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 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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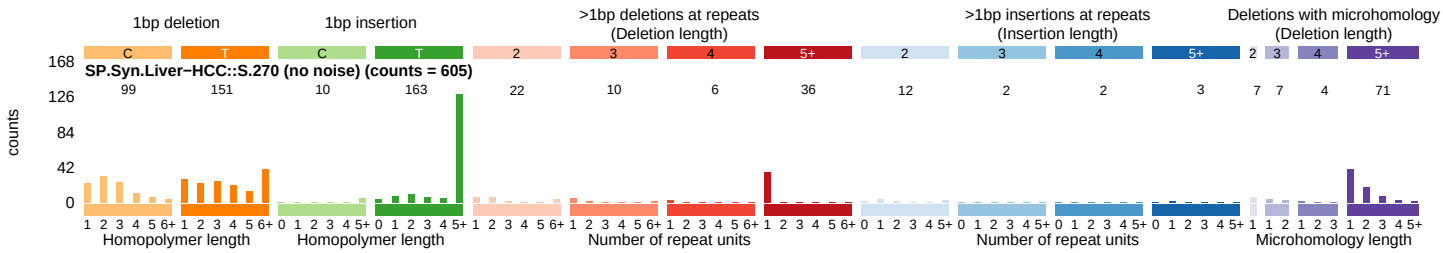
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.269 (no noise) (counts = 1074)
168 227 22 477 30 13 7 26 22 4 3 4 9 7 6 49
counts
544 408 272 136 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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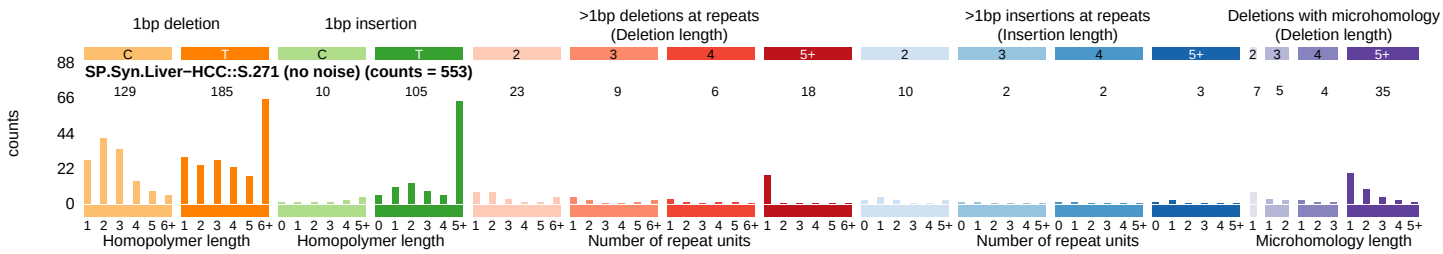
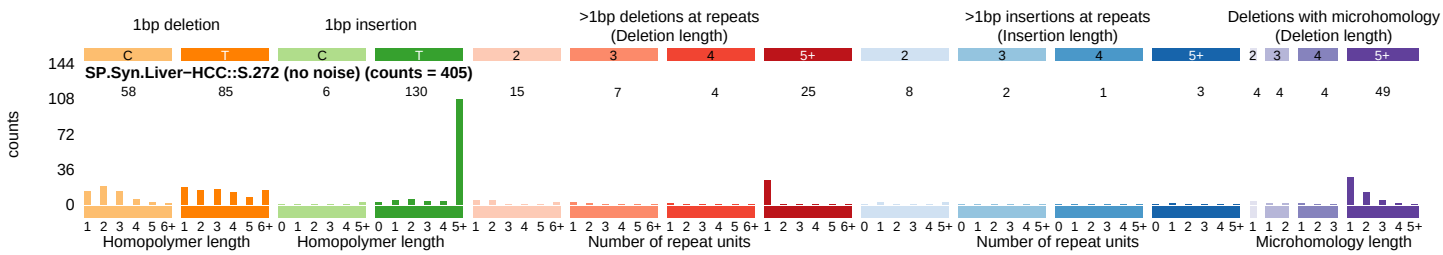
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.270 (no noise) (counts = 605)
99 151 10 163 22 10 6 36 12 2 2 3 7 7 4 71
counts
168 126 84 42 0
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.271 (no noise) (counts = 553)
129 185 10 105 23 9 6 18 10 2 2 3 7 5 4 35
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+ 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)
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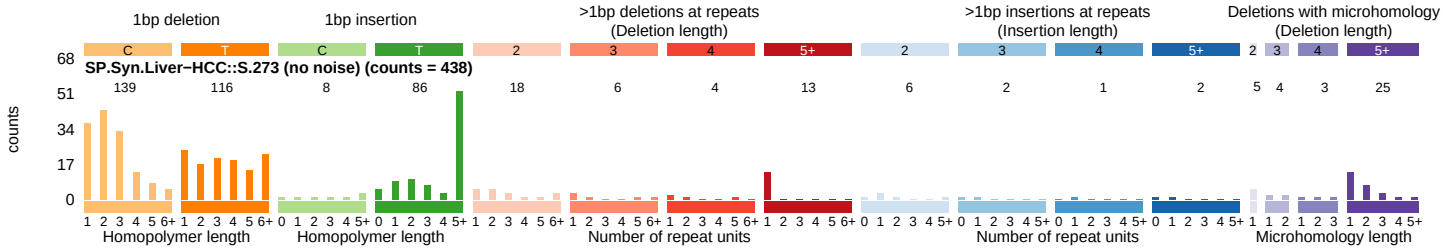
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.272 (no noise) (counts = 405)
58 85 6 130 15 7 4 25 8 2 1 3 4 4 4 49
counts
144 108 72 36 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 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)
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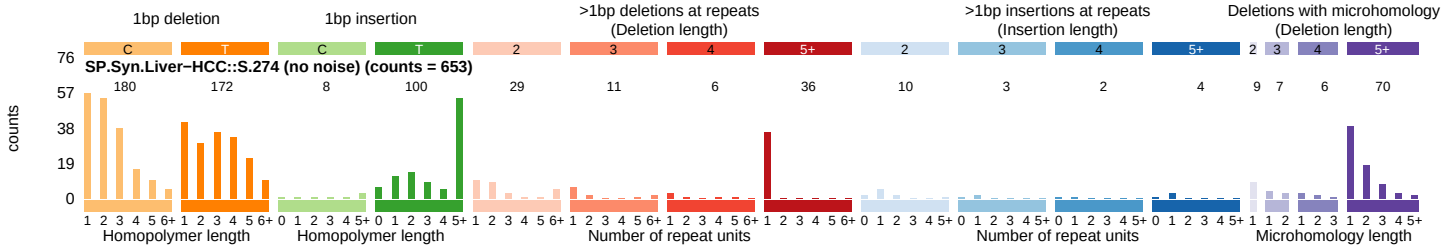
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.273 (no noise) (counts = 438)
139 116 8 86 18 6 4 13 6 2 1 2 5 4 3 25
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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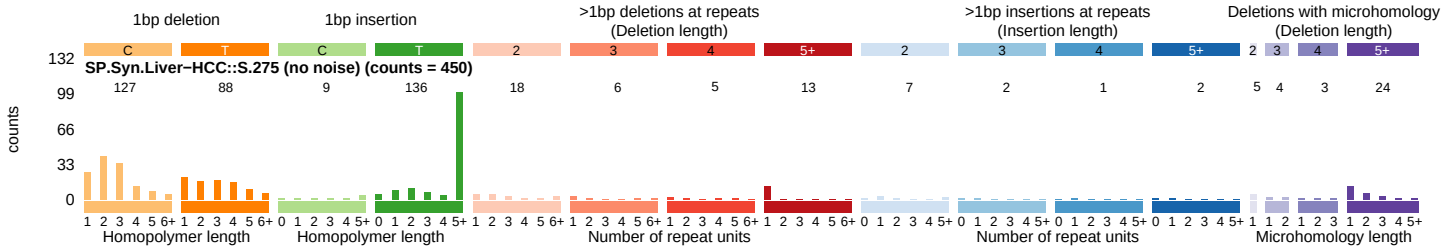
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.274 (no noise) (counts = 653)
180 172 8 100 29 11 6 36 10 3 2 4 9 7 6 70
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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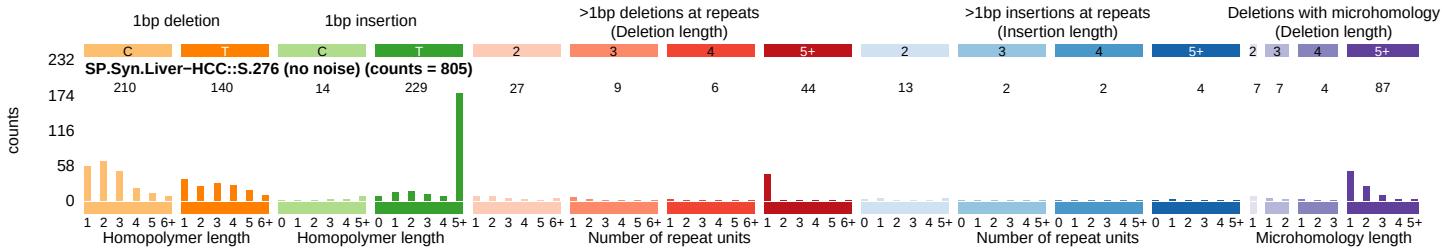
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.275 (no noise) (counts = 450)
127 88 9 136 18 6 5 13 7 2 1 2 5 4 3 24
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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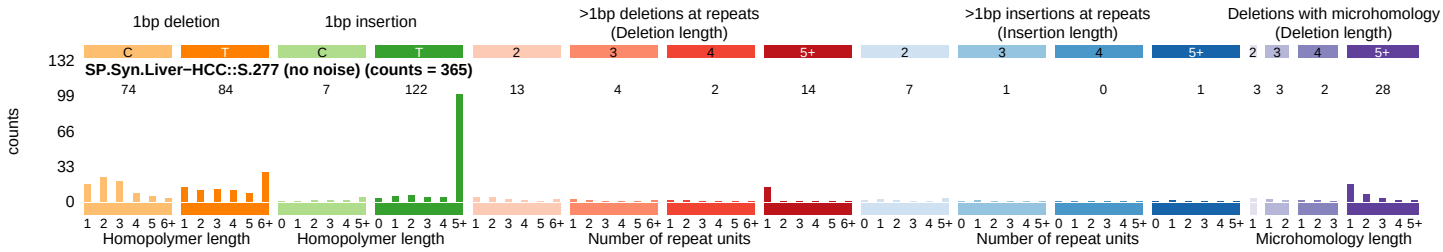
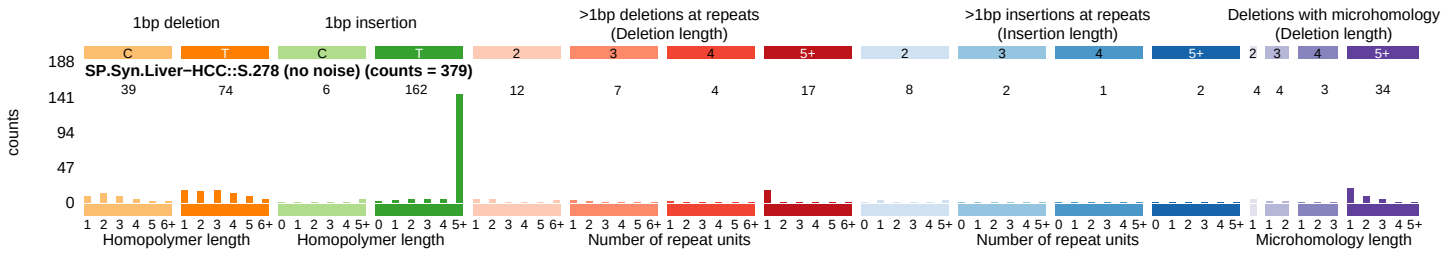
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.276 (no noise) (counts = 805)
210 140 14 229 27 9 6 44 13 2 2 4 7 7 4 87
counts
Homopolymer length
Number of repeat units
Microhomology length


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.277 (no noise) (counts = 365)
74 84 7 122 13 4 2 14 7 1 0 1 3 3 2 28
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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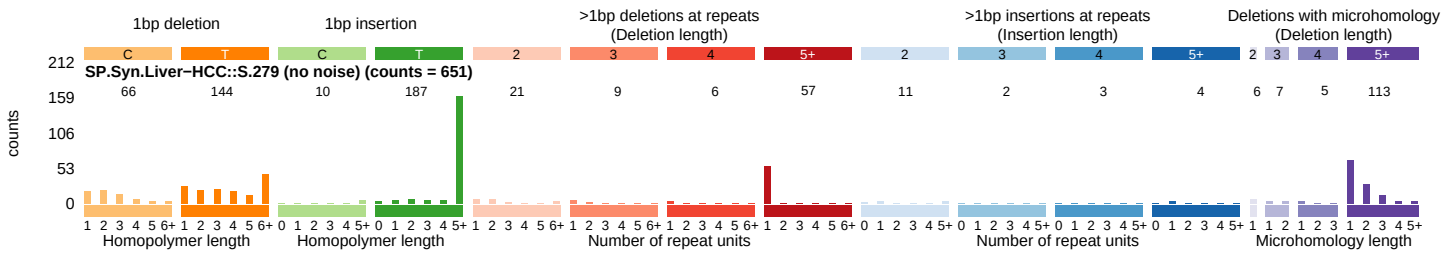
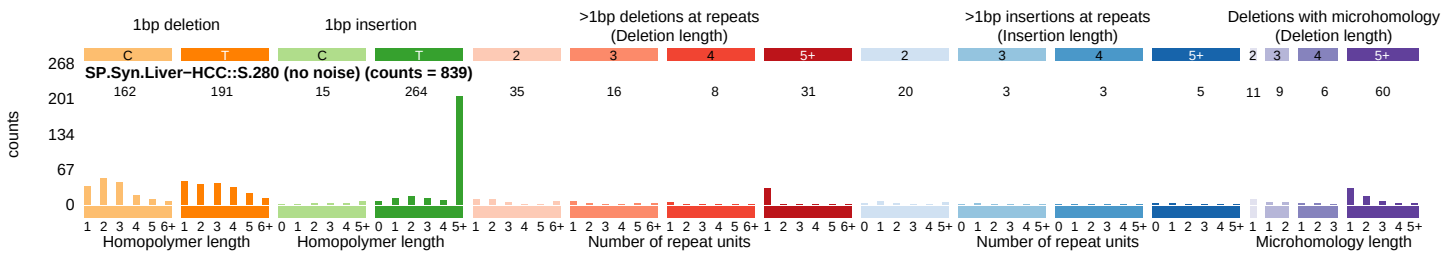
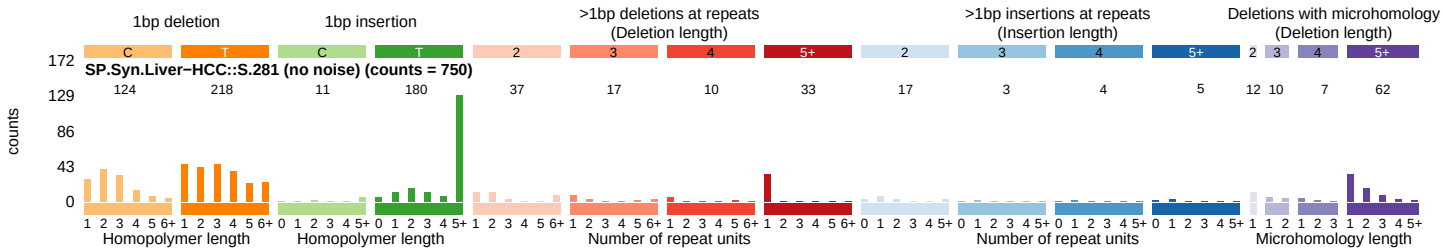
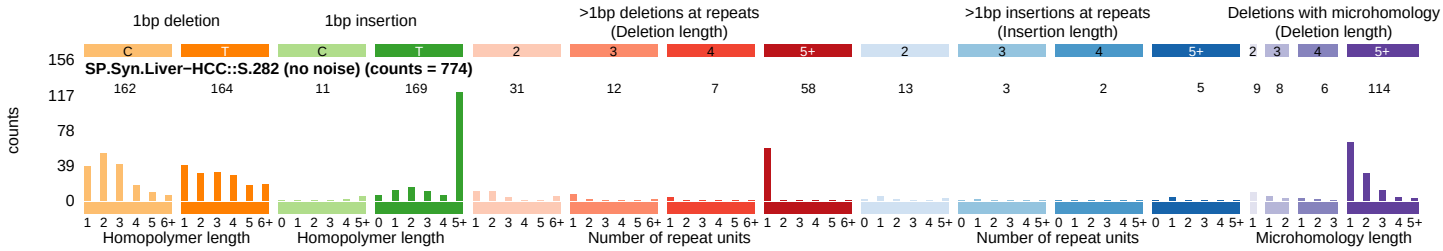
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.278 (no noise) (counts = 379)
39 74 6 162 12 7 4 17 8 2 1 2 4 4 3 34
counts
Homopolymer length
Number of repeat units
Microhomology length


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.279 (no noise) (counts = 651)
66 144 10 187 21 9 6 57 11 2 3 4 6 7 5 113
counts
Homopolymer length
Number of repeat units
Microhomology 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.280 (no noise) (counts = 839)
162 191 15 264 35 16 8 31 20 3 3 5 11 9 6 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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.281 (no noise) (counts = 750)
124 218 11 180 37 17 10 33 17 3 4 5 12 10 7 62
counts
Homopolymer length
Number of repeat units
Microhomology length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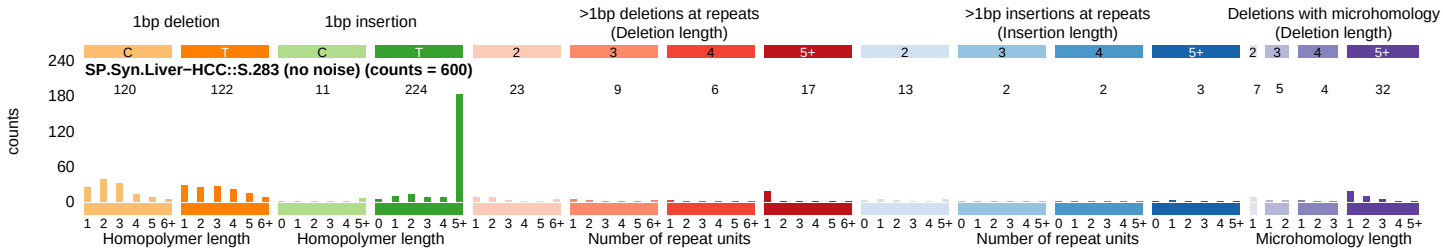
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.282 (no noise) (counts = 774)
162 164 11 169 31 12 7 58 13 3 2 5 9 8 6 114
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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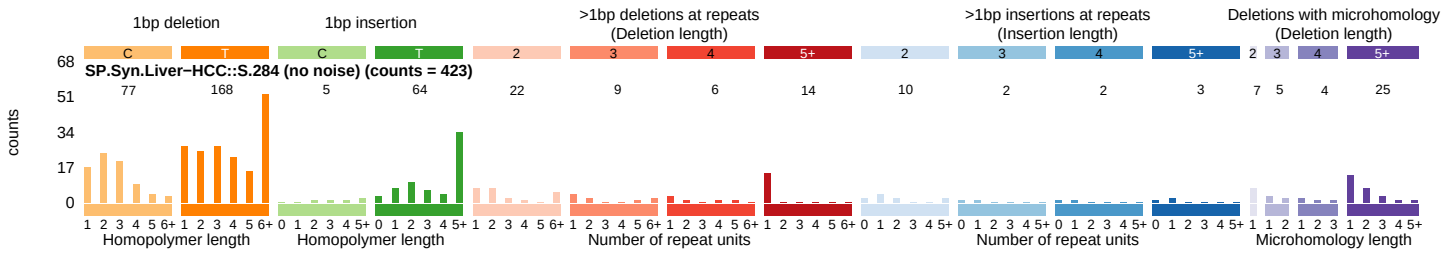
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.283 (no noise) (counts = 600)
120 122 11 224 23 9 6 17 13 2 2 3 7 5 4 32
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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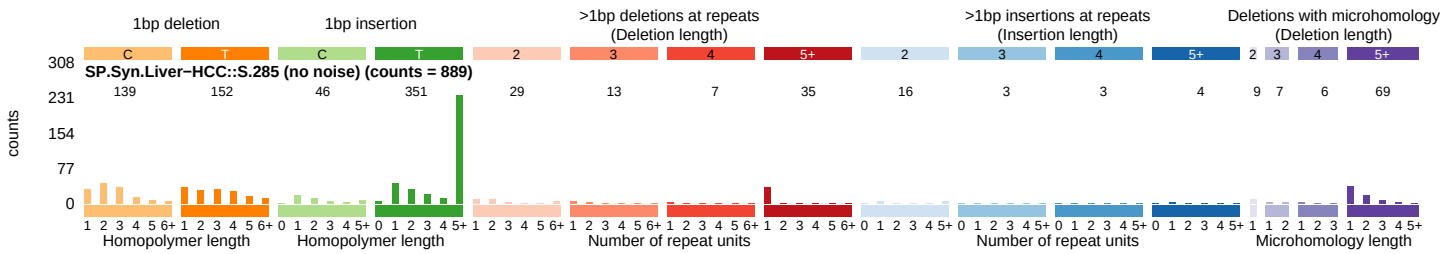
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.284 (no noise) (counts = 423)
77 168 5 64 22 9 6 14 10 2 2 3 7 5 4 25
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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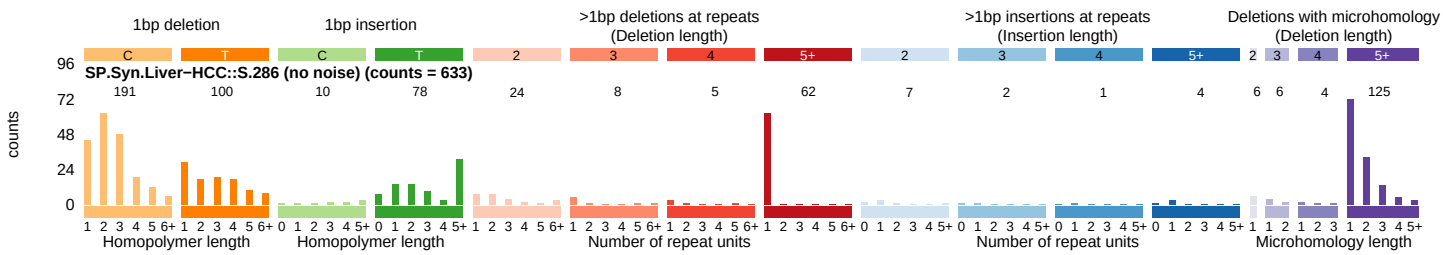
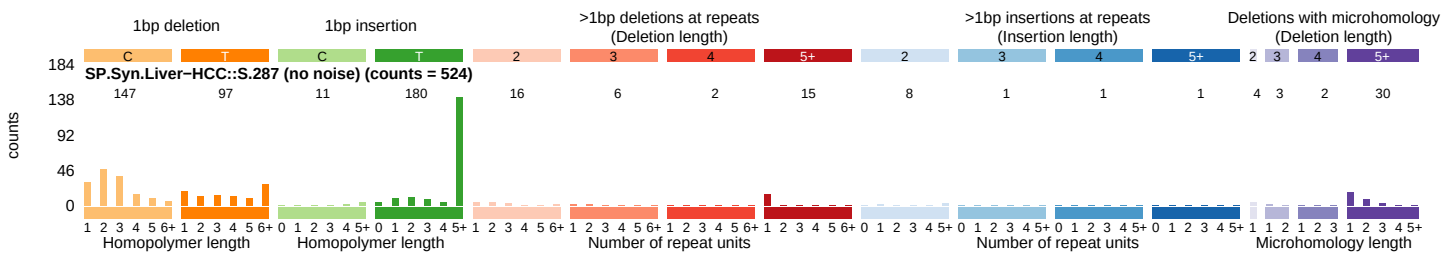
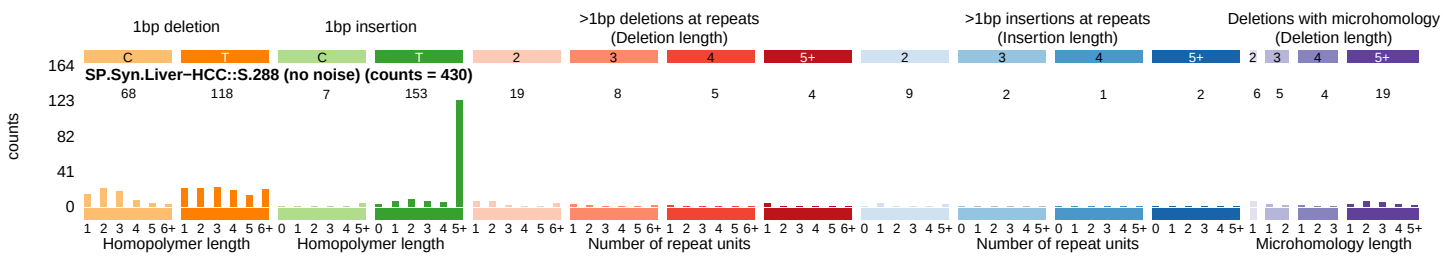
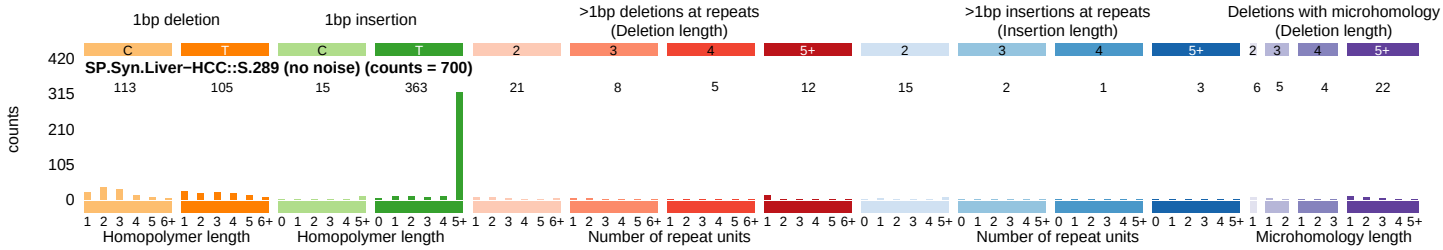
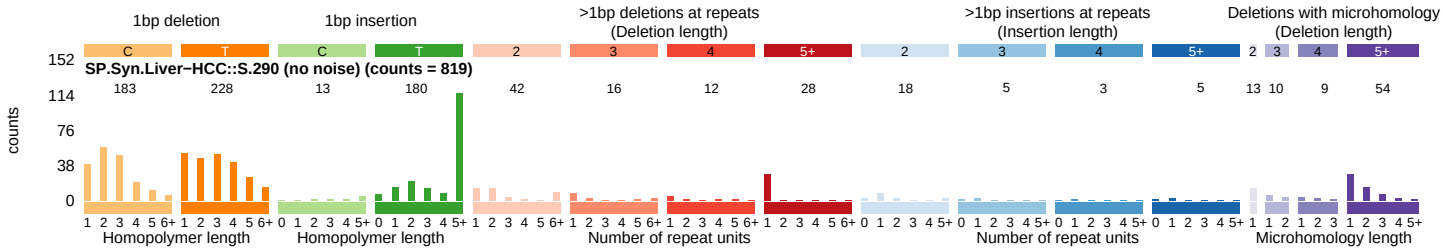
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.285 (no noise) (counts = 889)
139 152 46 351 29 13 7 35 16 3 3 4 9 7 6 69
counts
Homopolymer length
Number of repeat units
Microhomology length

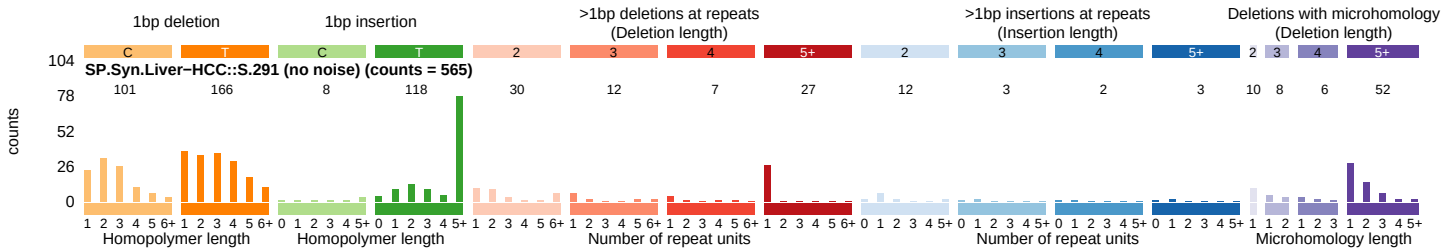

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.286 (no noise) (counts = 633)
191 100 10 78 24 8 5 62 7 2 1 4 6 6 4 125
counts
Homopolymer length
Number of repeat units
Microhomology length

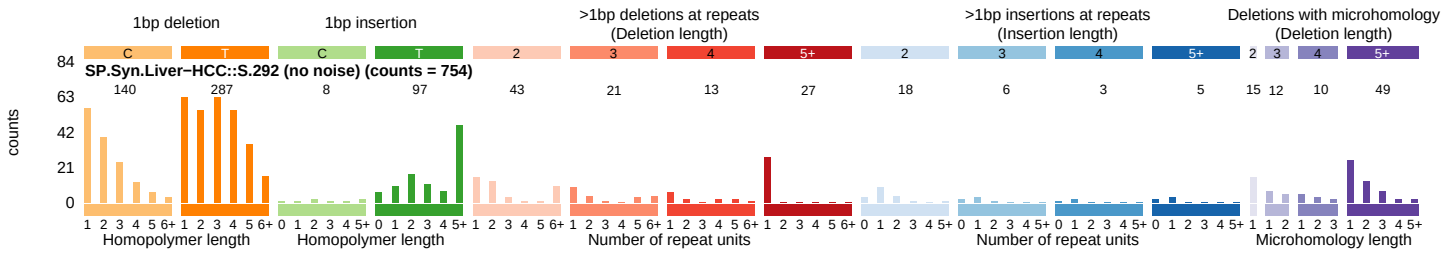

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.287 (no noise) (counts = 524)
147 97 11 180 16 6 2 15 8 1 1 1 4 3 2 30
counts
Homopolymer length
Number of repeat units
Microhomology length

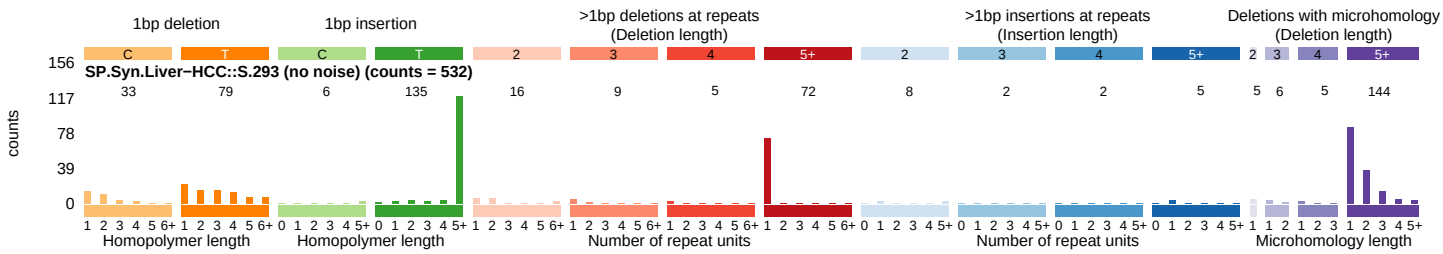

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.288 (no noise) (counts = 430)
68 118 7 153 19 8 5 4 9 2 1 2 6 5 4 19
counts
Homopolymer length
Number of repeat units
Microhomology length

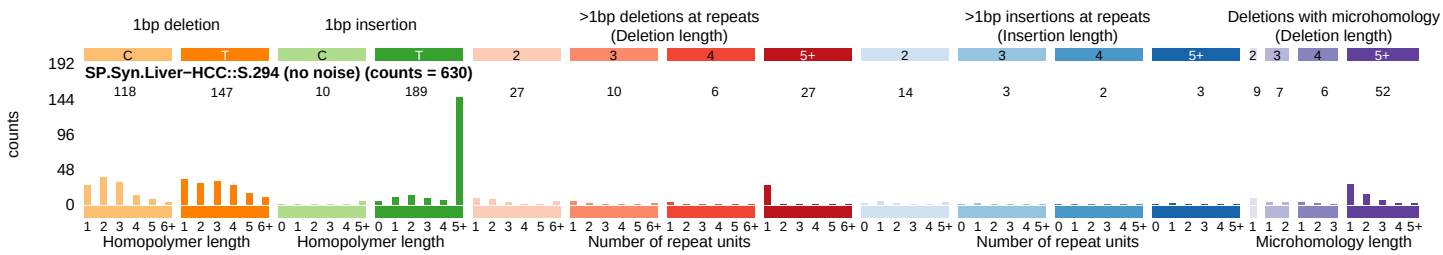

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.289 (no noise) (counts = 700)
113 105 15 363 21 8 5 12 15 2 1 3 6 5 4 22
counts
Homopolymer length
Number of repeat units
Microhomology length

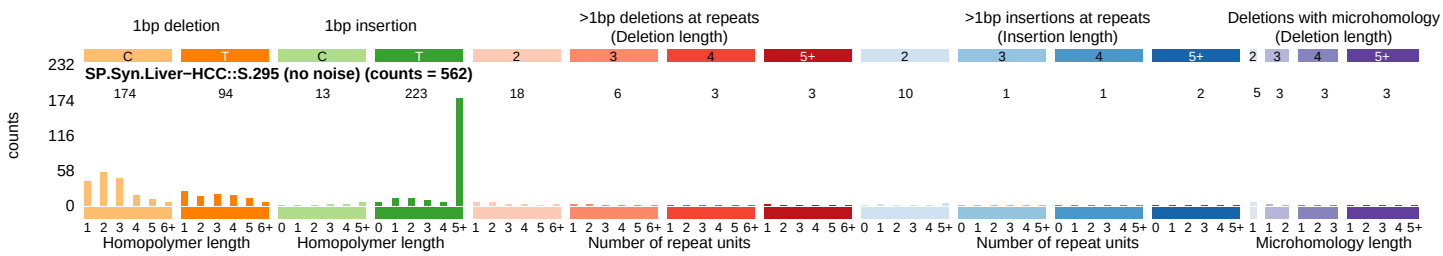

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.290 (no noise) (counts = 819)
183 228 13 180 42 16 12 28 18 5 3 5 13 10 9 54
counts
Homopolymer length
Number of repeat units
Microhomology length

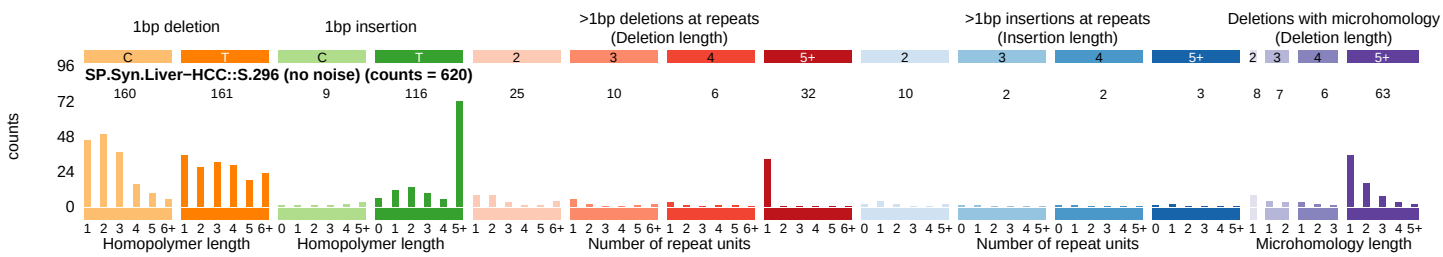

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.291 (no noise) (counts = 565)
101 166 8 118 30 12 7 27 12 3 2 3 10 8 6 52
counts
Homopolymer length
Number of repeat units
Microhomology length

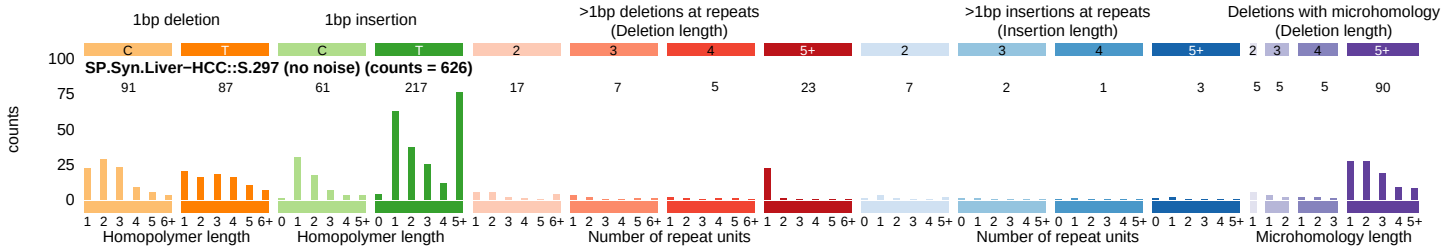

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.292 (no noise) (counts = 754)
140 287 8 97 43 21 13 27 18 6 3 5 15 12 10 49
counts
Homopolymer length
Number of repeat units
Microhomology length

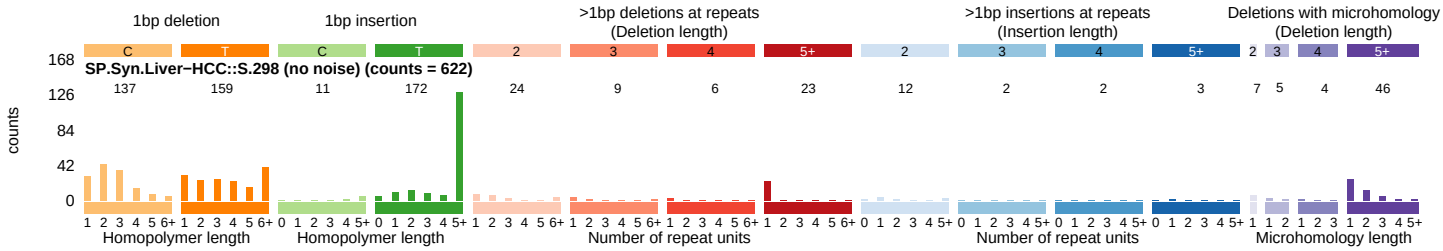

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.293 (no noise) (counts = 532)
33 79 6 135 16 9 5 72 8 2 2 5 5 6 5 144
counts
Homopolymer length
Number of repeat units
Microhomology length

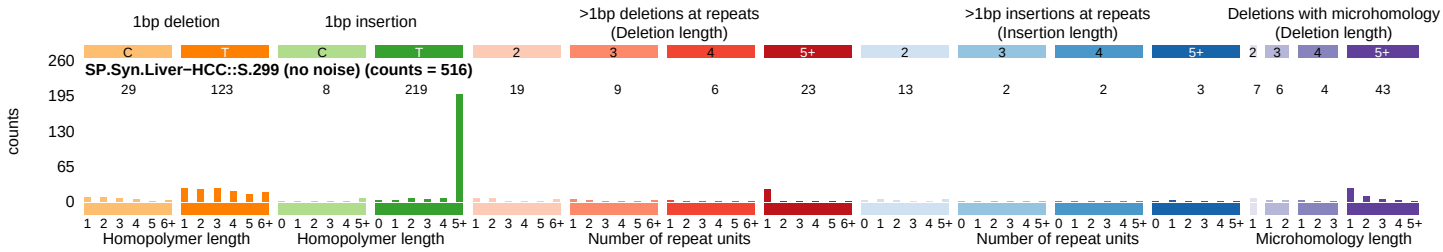

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.294 (no noise) (counts = 630)
118 147 10 189 27 10 6 27 14 3 2 3 9 7 6 52
counts
Homopolymer length
Number of repeat units
Microhomology length

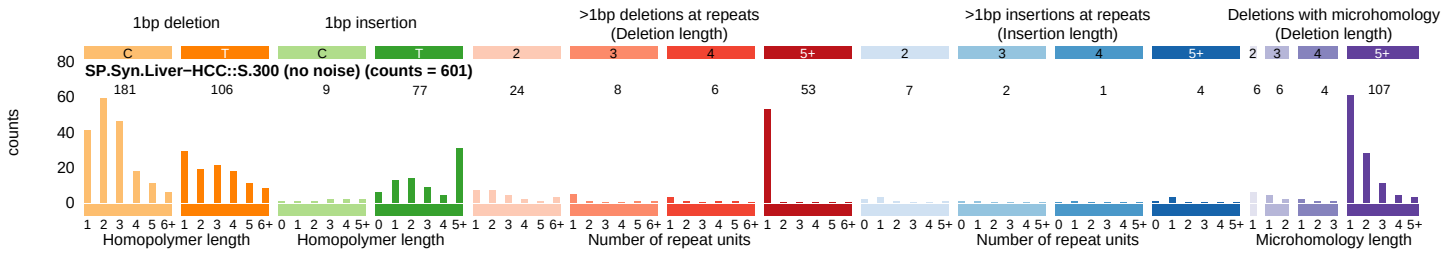

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.295 (no noise) (counts = 562)
174 94 13 223 18 6 3 3 10 1 1 2 5 3 3 3
counts
Homopolymer length
Number of repeat units
Microhomology length

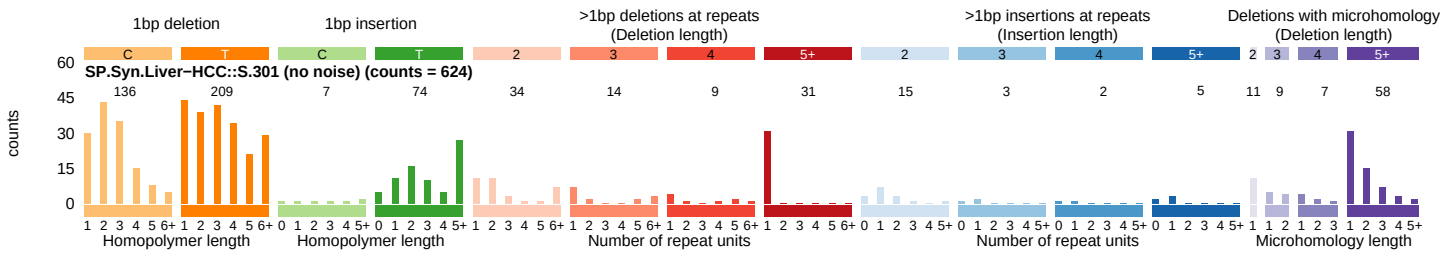

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.296 (no noise) (counts = 620)
160 161 9 116 25 10 6 32 10 2 2 3 8 7 6 63
counts
Homopolymer length
Number of repeat units
Microhomology length

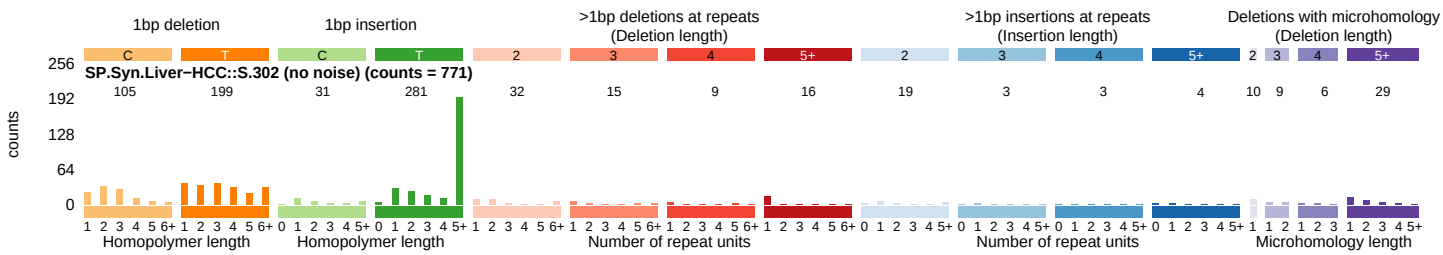

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.297 (no noise) (counts = 626)
91 87 61 217 17 7 5 23 7 2 1 3 5 5 5 90
counts
Homopolymer length
Number of repeat units
Microhomology length

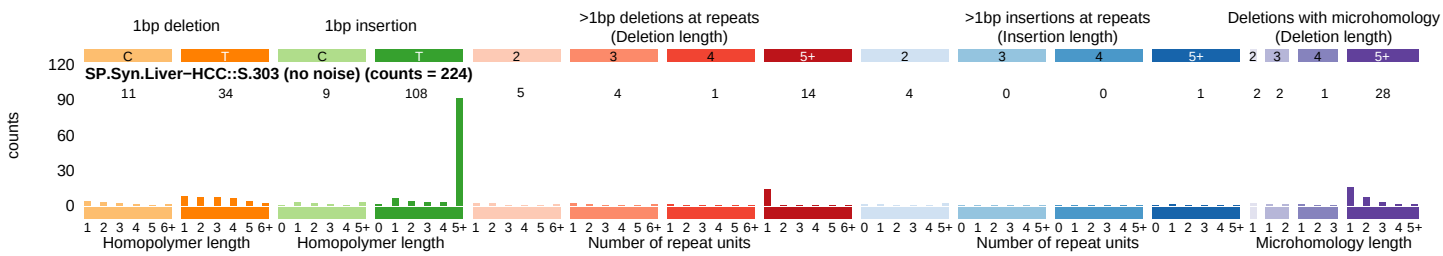

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.298 (no noise) (counts = 622)
137 159 11 172 24 9 6 23 12 2 2 3 7 5 4 46
counts
Homopolymer length
Number of repeat units
Microhomology length

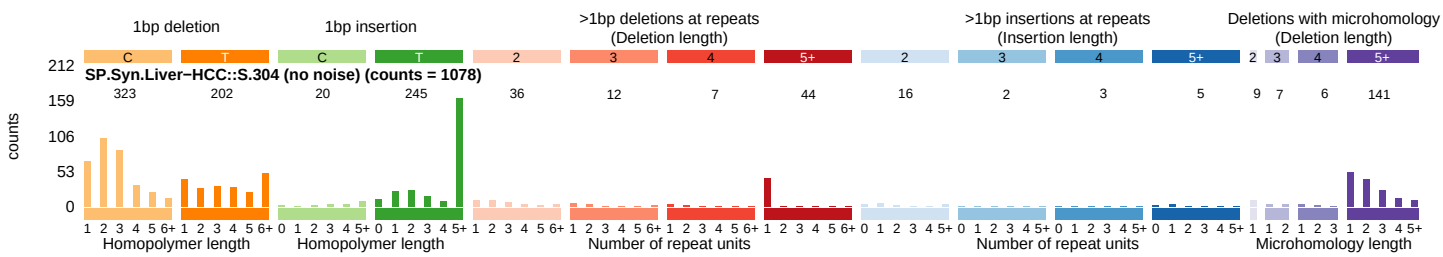

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.299 (no noise) (counts = 516)
29 123 8 219 19 9 6 23 13 2 2 3 7 6 4 43
counts
Homopolymer length
Number of repeat units
Microhomology length

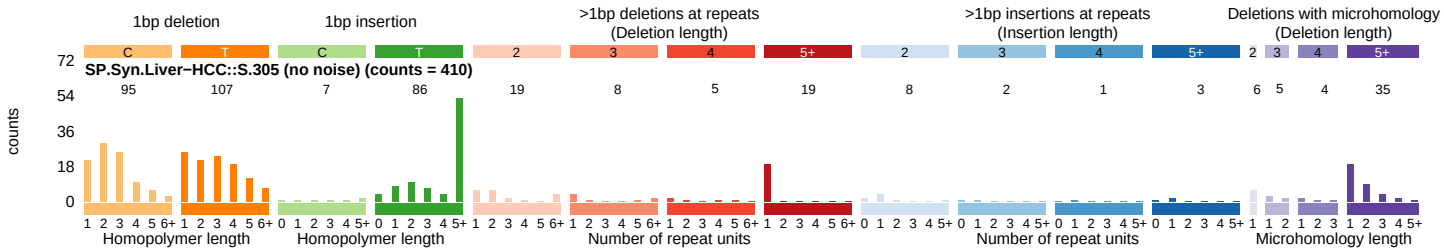

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.300 (no noise) (counts = 601)
181 106 9 77 24 8 6 53 7 2 1 4 6 6 4 107
counts
Homopolymer length
Number of repeat units
Microhomology length

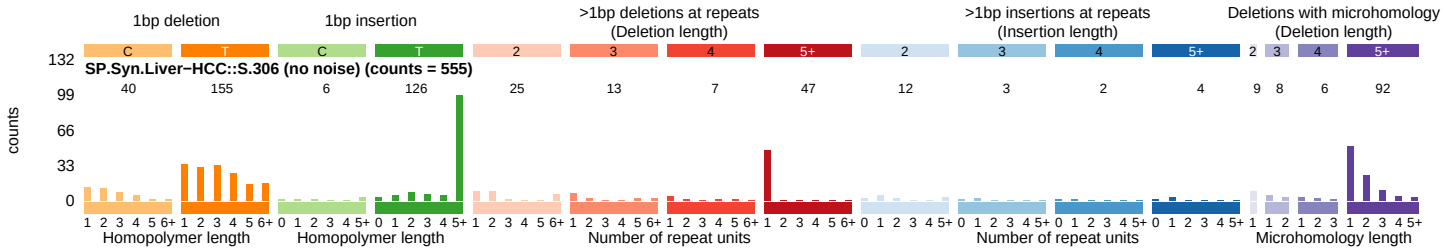

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.301 (no noise) (counts = 624)
136 209 7 74 34 14 9 31 15 3 2 5 11 9 7 58
counts
Homopolymer length
Number of repeat units
Microhomology length

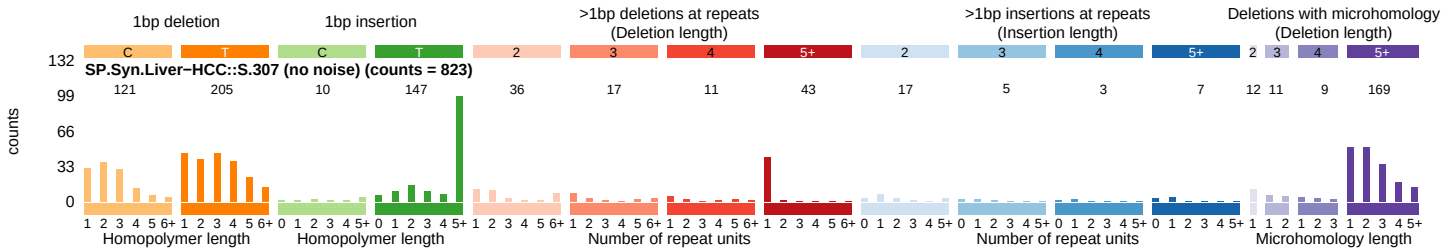

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.302 (no noise) (counts = 771)
105 199 31 281 32 15 9 16 19 3 3 4 10 9 6 29
counts
Homopolymer length
Number of repeat units
Microhomology length

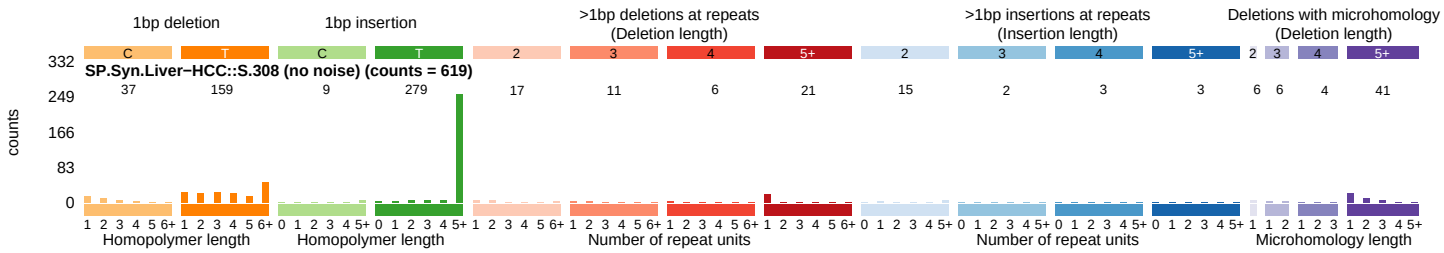

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.303 (no noise) (counts = 224)
11 34 9 108 5 4 1 14 4 0 0 1 2 2 1 28
counts
Homopolymer length
Number of repeat units
Microhomology length

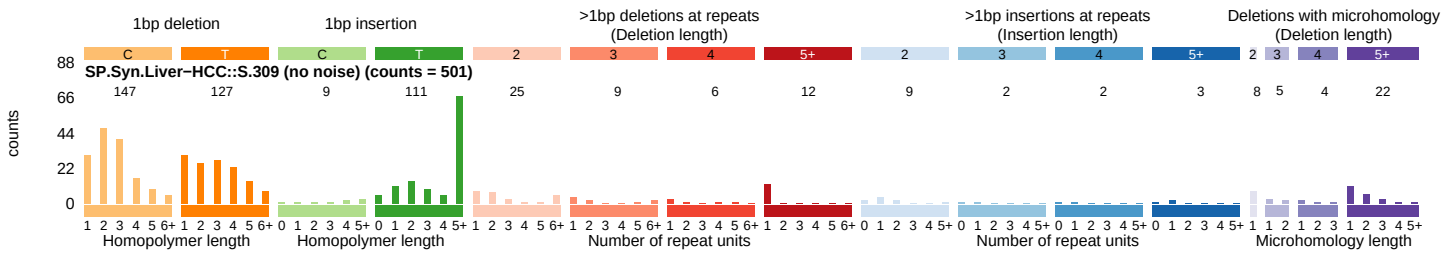

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.304 (no noise) (counts = 1078)
323 202 20 245 36 12 7 44 16 2 3 5 9 7 6 141
counts
Homopolymer length
Number of repeat units
Microhomology length

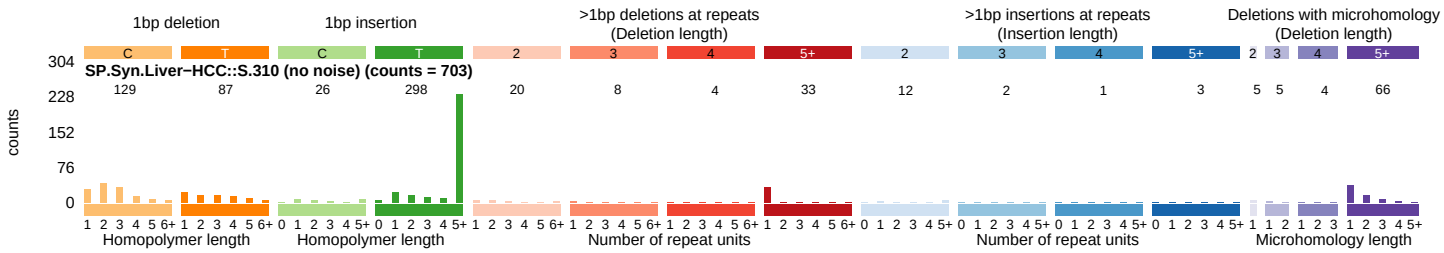

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.305 (no noise) (counts = 410)
95 107 7 86 19 8 5 19 8 2 1 3 6 5 4 35
counts
72 54 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+ 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

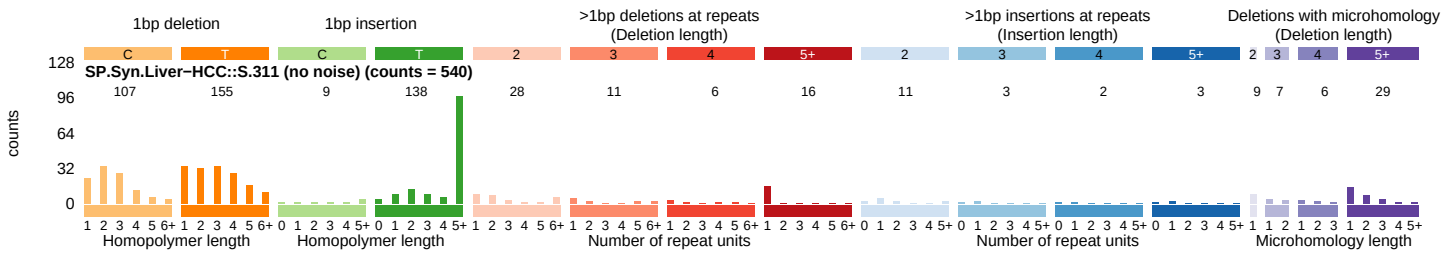

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.306 (no noise) (counts = 555)
40 155 6 126 25 13 7 47 12 3 2 4 9 8 6 92
counts
132 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

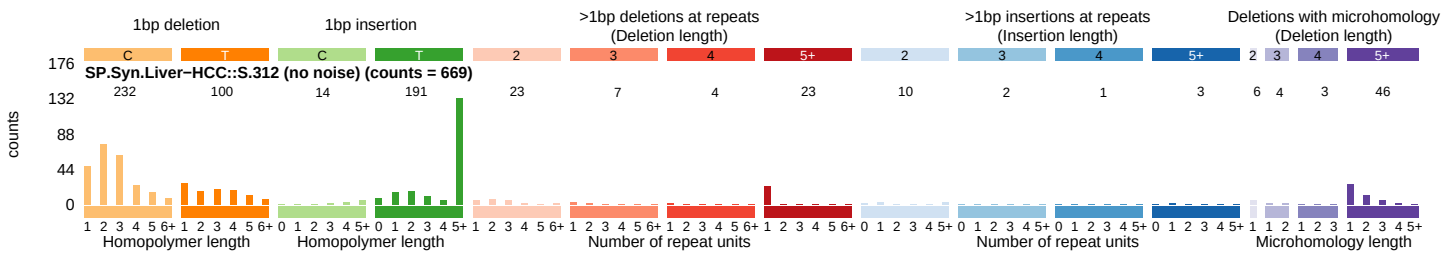

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.307 (no noise) (counts = 823)
121 205 10 147 36 17 11 43 17 5 3 7 12 11 9 169
counts
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

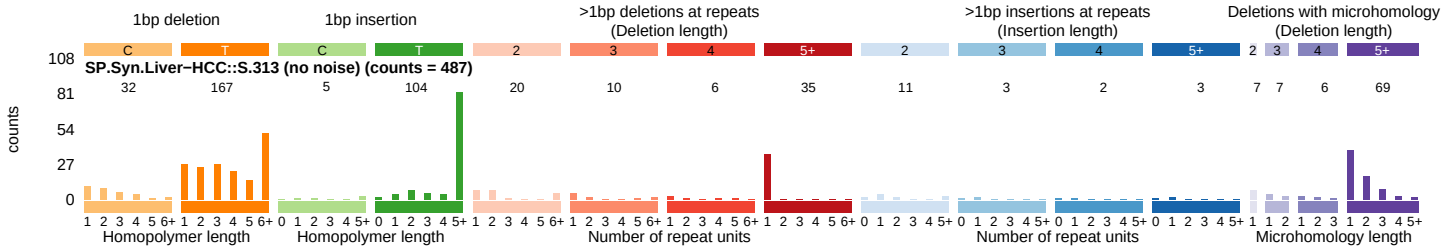

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.308 (no noise) (counts = 619)
37 159 9 279 17 11 6 21 15 2 3 3 6 6 4 41
counts
332 249 166 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

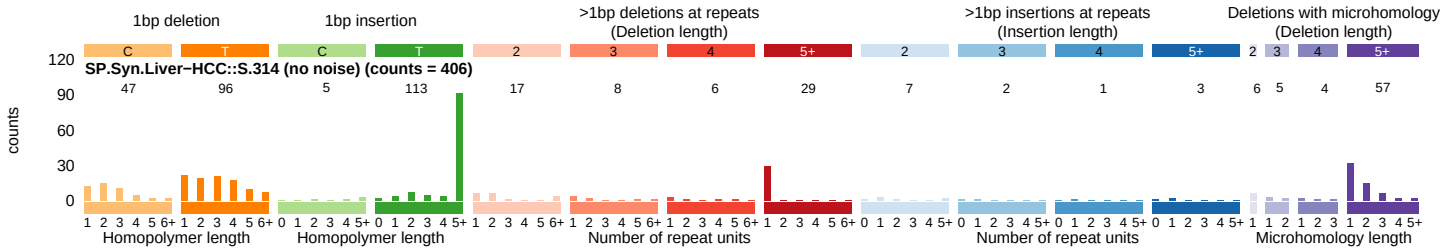

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.309 (no noise) (counts = 501)
147 127 9 111 25 9 6 12 9 2 2 3 8 5 4 22
counts
88 66 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+ 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.310 (no noise) (counts = 703)
129 87 26 298 20 8 4 33 12 2 1 3 5 5 4 66
counts
304 228 152 76 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.311 (no noise) (counts = 540)
107 155 9 138 28 11 6 16 11 3 2 3 9 7 6 29
counts
128 96 64 32 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.312 (no noise) (counts = 669)
232 100 14 191 23 7 4 23 10 2 1 3 6 4 3 46
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+ 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.313 (no noise) (counts = 487)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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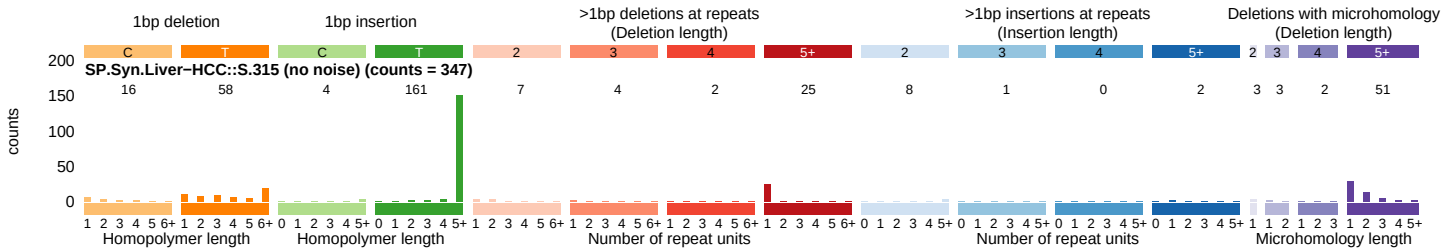
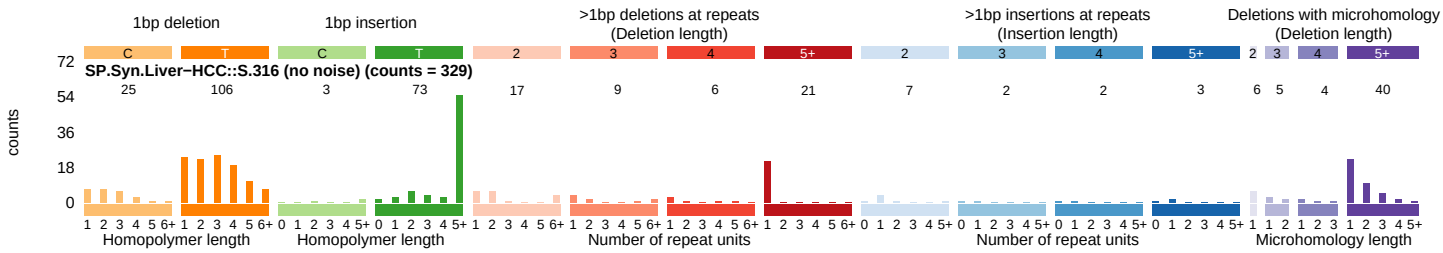
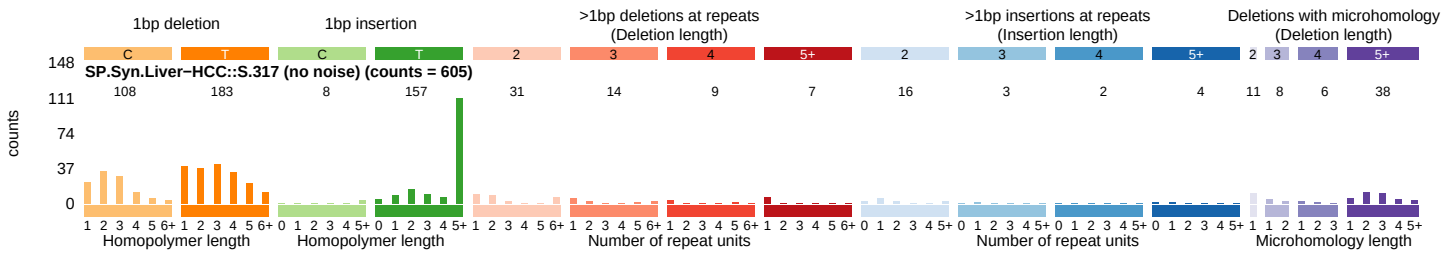
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.314 (no noise) (counts = 406)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.315 (no noise) (counts = 347)
counts
Homopolymer length
Number of repeat units
Microhomology 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.316 (no noise) (counts = 329)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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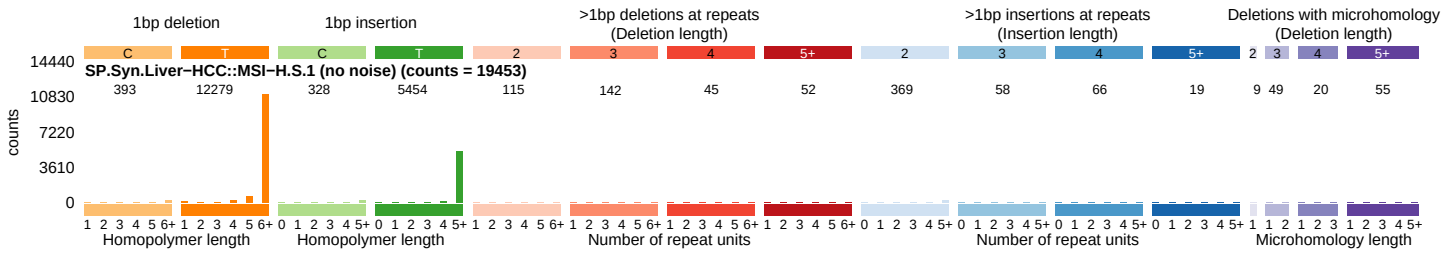
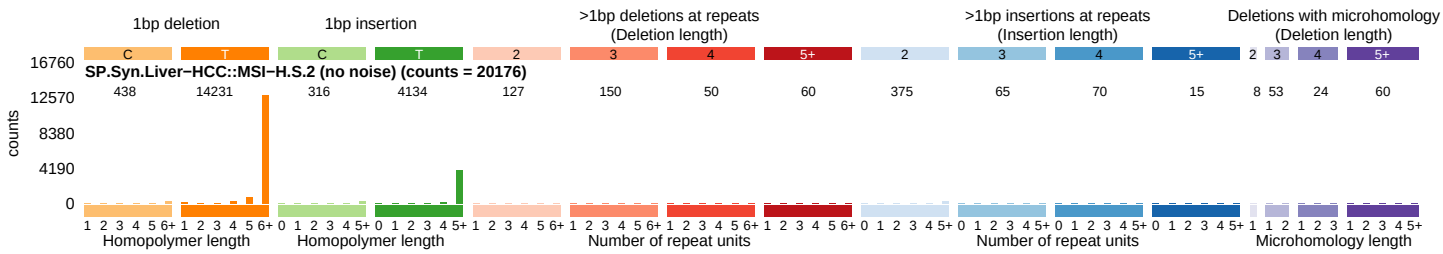
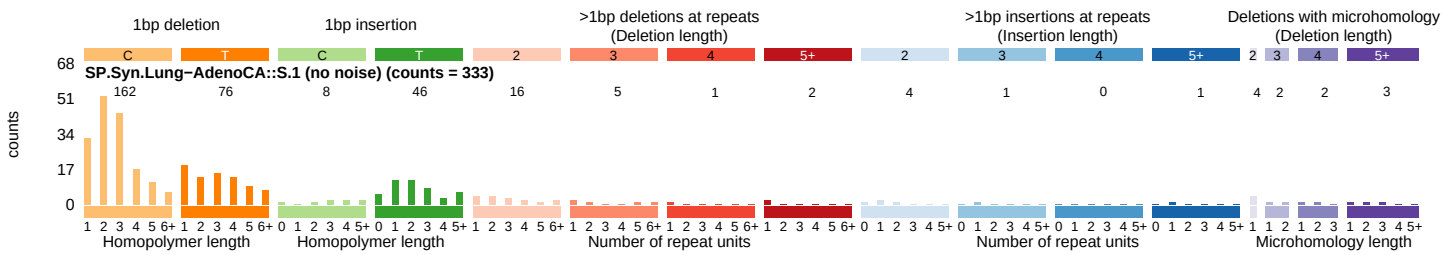
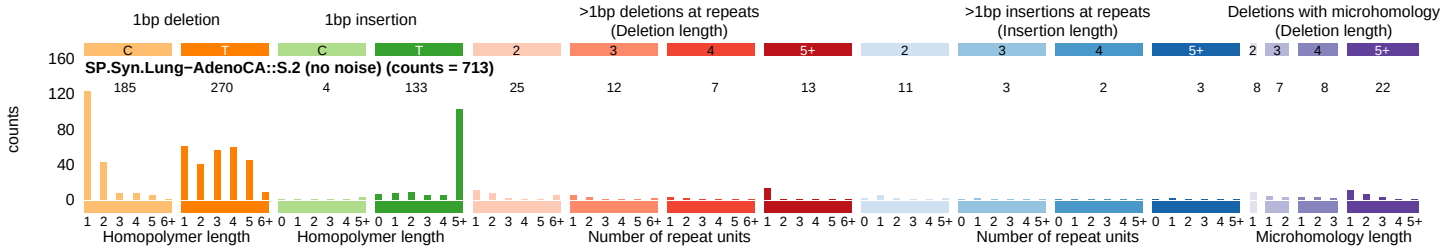
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.317 (no noise) (counts = 605)
counts
Homopolymer length
Number of repeat units
Microhomology length


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::MSI−H.S.1 (no noise) (counts = 19453)
counts
Homopolymer length
Number of repeat units
Microhomology 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::MSI−H.S.2 (no noise) (counts = 20176)
counts
Homopolymer length
Number of repeat units
Microhomology 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.1 (no noise) (counts = 333)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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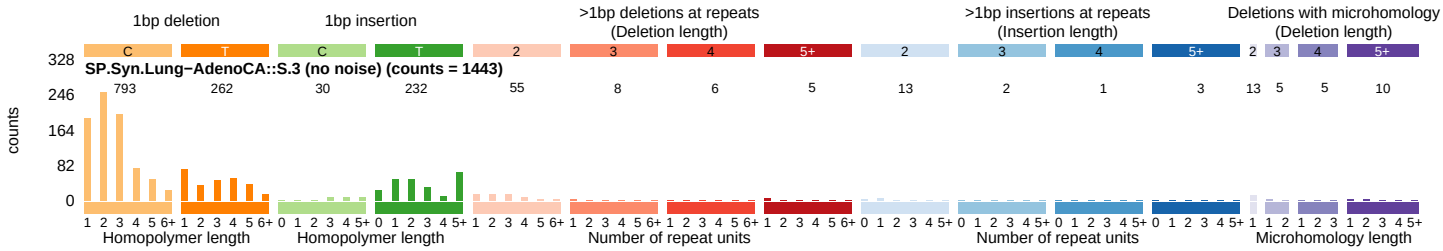
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.2 (no noise) (counts = 713)
185 270 4 133 25 12 7 13 11 3 2 3 8 7 8 22
counts
Homopolymer length
Number of repeat units
Microhomology length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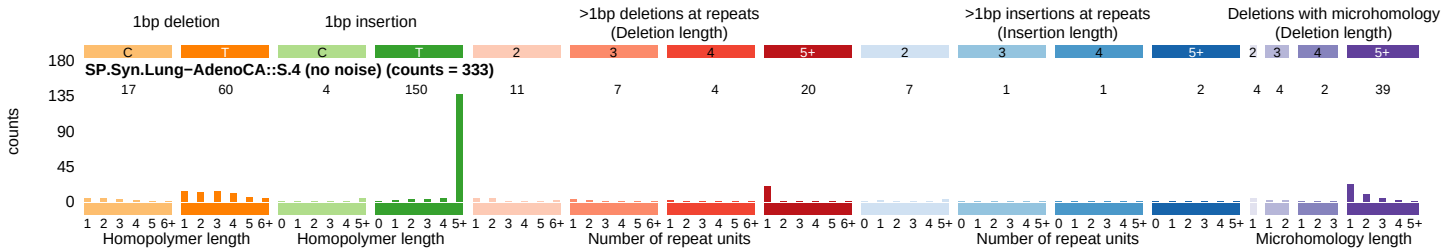
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.3 (no noise) (counts = 1443)
793 262 30 232 55 8 6 5 13 2 1 3 13 5 5 10
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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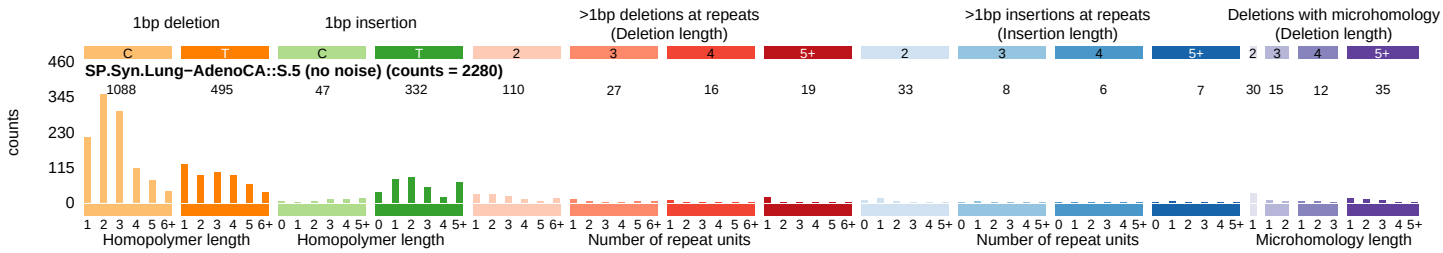
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.4 (no noise) (counts = 333)
17 60 4 150 11 7 4 20 7 1 1 2 4 4 2 39
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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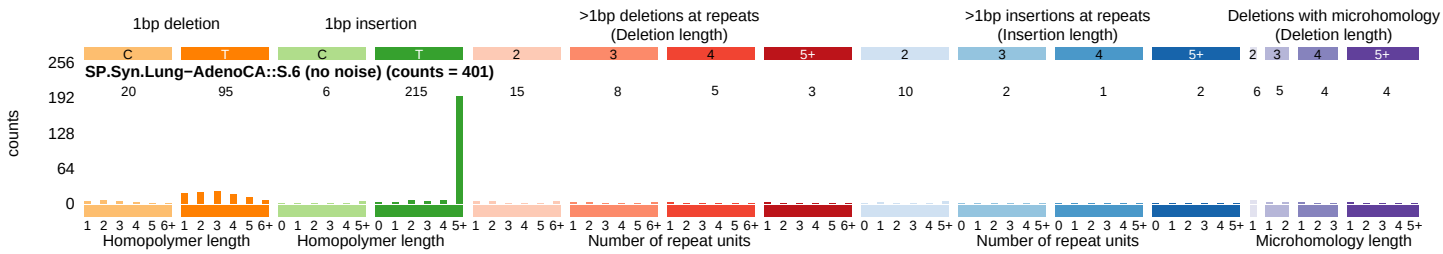
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.5 (no noise) (counts = 2280)
1088 495 47 332 110 27 16 19 33 8 6 7 30 15 12 35
counts
Homopolymer length
Number of repeat units
Microhomology length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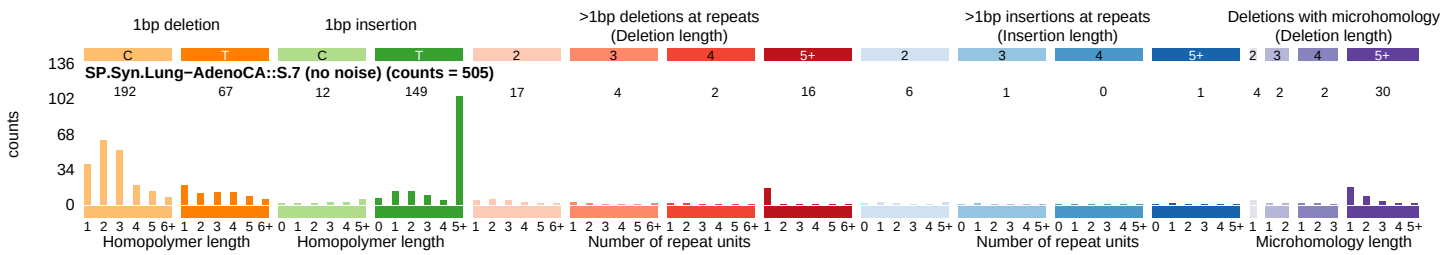
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.6 (no noise) (counts = 401)
20 95 6 215 15 8 5 3 10 2 1 2 6 5 4 4
counts
Homopolymer length
Number of repeat units
Microhomology length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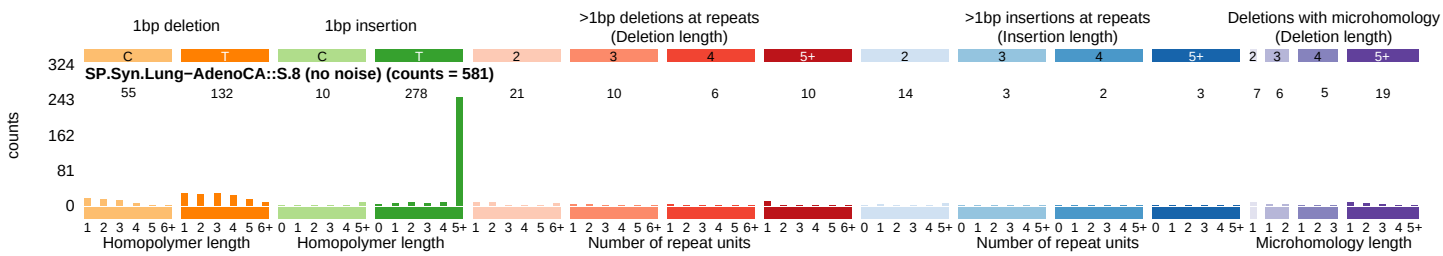
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.7 (no noise) (counts = 505)
192 67 12 149 17 4 2 16 6 1 0 1 4 2 2 30
counts
Homopolymer length
Number of repeat units
Microhomology length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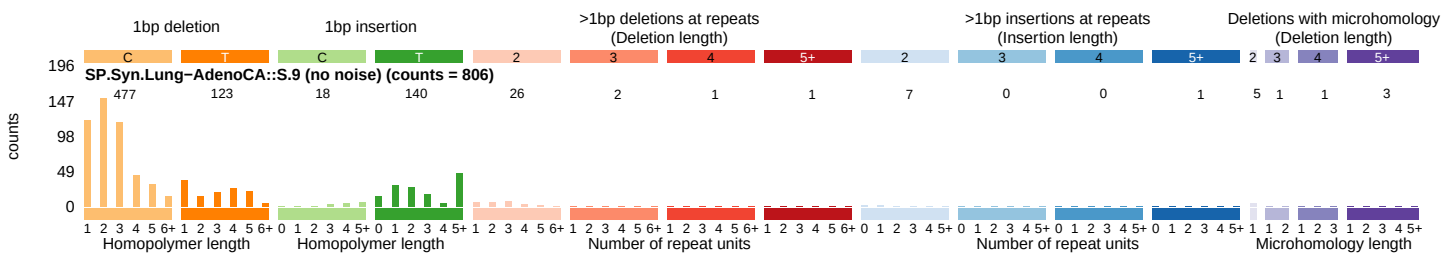
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.8 (no noise) (counts = 581)
55 132 10 278 21 10 6 10 14 3 2 3 7 6 5 19
counts
Homopolymer length
Number of repeat units
Microhomology length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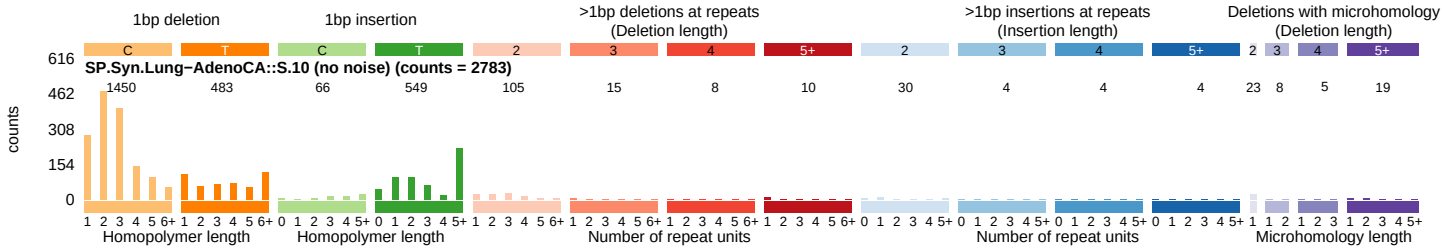
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.9 (no noise) (counts = 806)
477 123 18 140 26 2 1 1 7 0 0 1 5 1 1 3
counts
Homopolymer length
Number of repeat units
Microhomology length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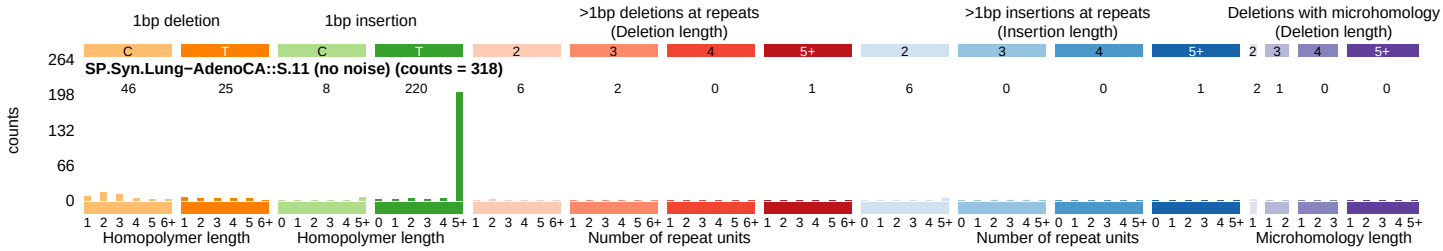
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.10 (no noise) (counts = 2783)
1450 483 66 549 105 15 8 10 30 4 4 4 23 8 5 19
counts
616 462 308 154 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+ 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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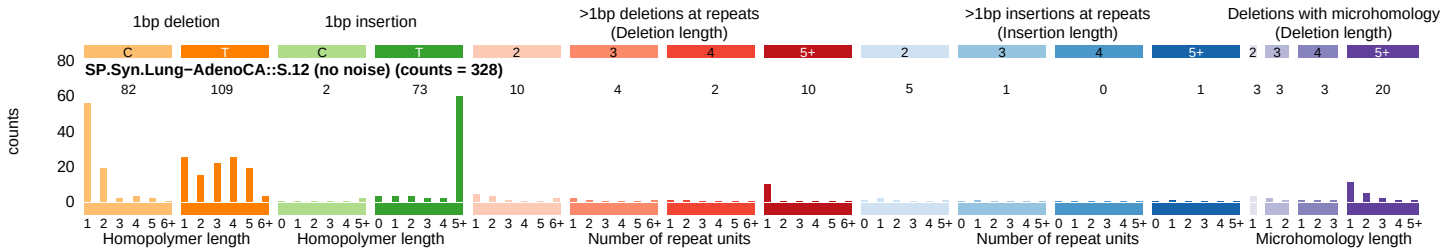
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.11 (no noise) (counts = 318)
46 25 8 220 6 2 0 1 6 0 0 1 2 1 0 0
counts
264 198 132 66 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 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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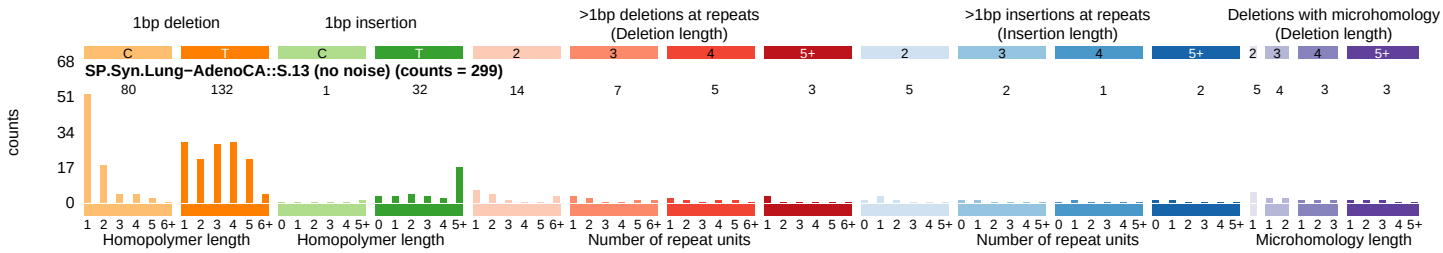
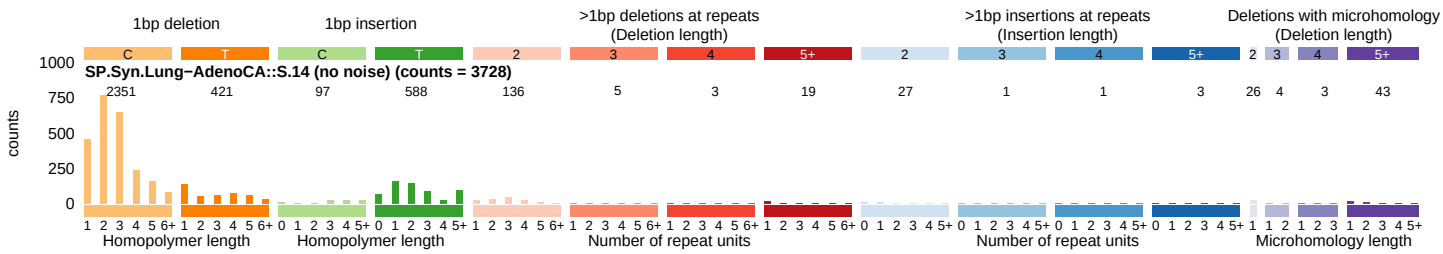
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.12 (no noise) (counts = 328)
82 109 2 73 10 4 2 10 5 1 0 1 3 3 3 20
counts
80 60 40 20 0
1 2 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+ 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.Lung−AdenoCA::S.13 (no noise) (counts = 299)
80 132 1 32 14 7 5 3 5 2 1 2 5 4 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+ 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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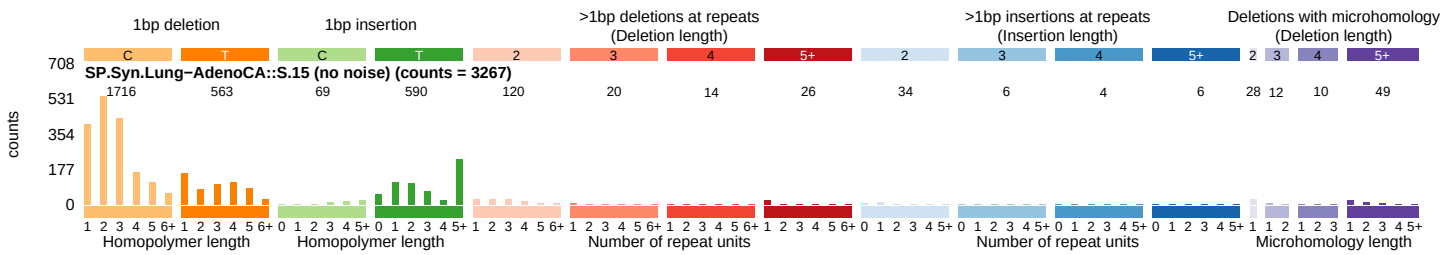
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.14 (no noise) (counts = 3728)
2351 421 97 588 136 5 3 19 27 1 1 3 26 4 3 43
counts
1000 750 500 250 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 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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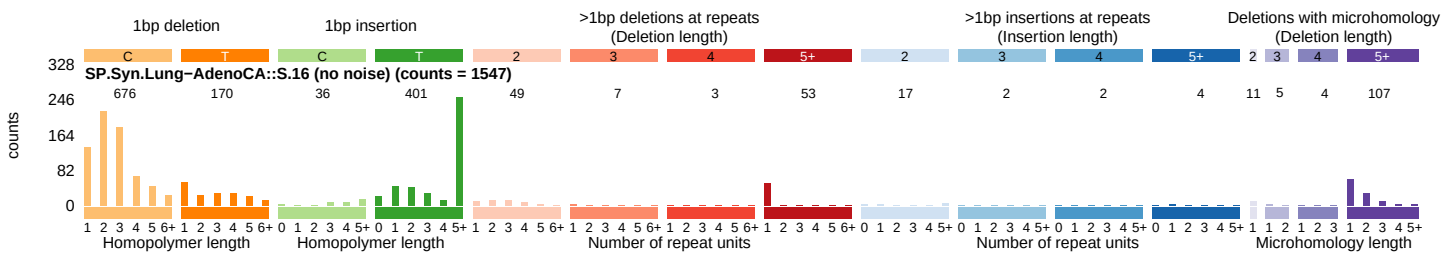
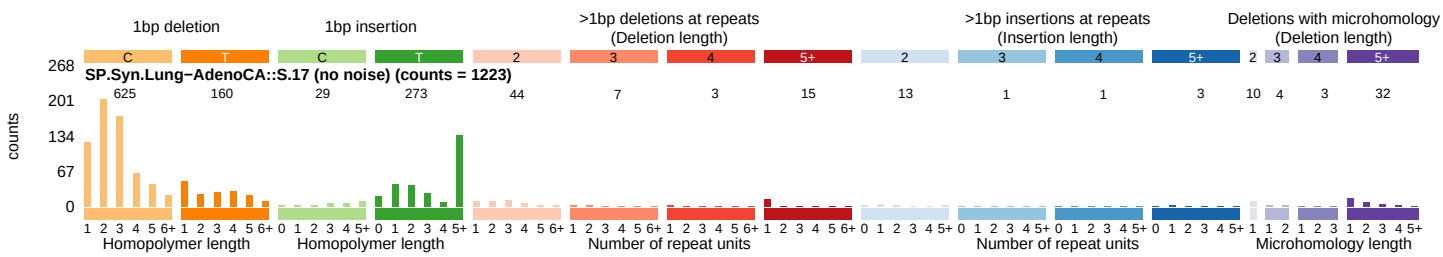
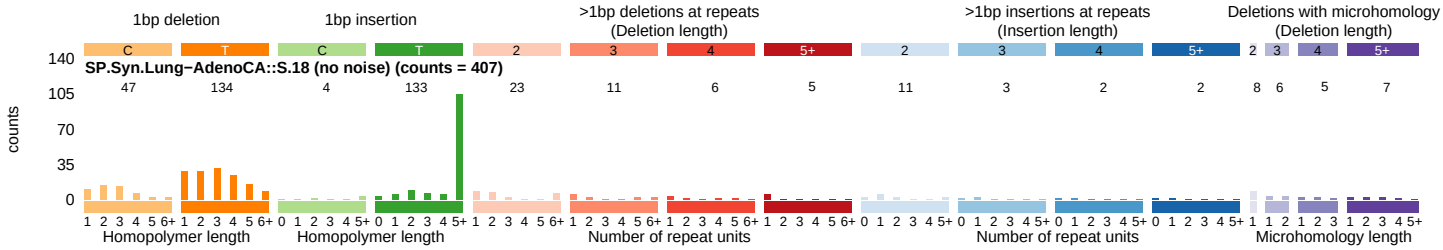
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.15 (no noise) (counts = 3267)
1716 563 69 590 120 20 14 26 34 6 4 6 28 12 10 49
counts
708 531 354 177 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 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.Lung−AdenoCA::S.16 (no noise) (counts = 1547)
676 170 36 401 49 7 3 53 17 2 2 4 11 5 4 107
counts
328 246 164 82 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+ 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.Lung−AdenoCA::S.17 (no noise) (counts = 1223)
625 160 29 273 44 7 3 15 13 1 1 3 10 4 3 32
counts
268 201 134 67 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+ 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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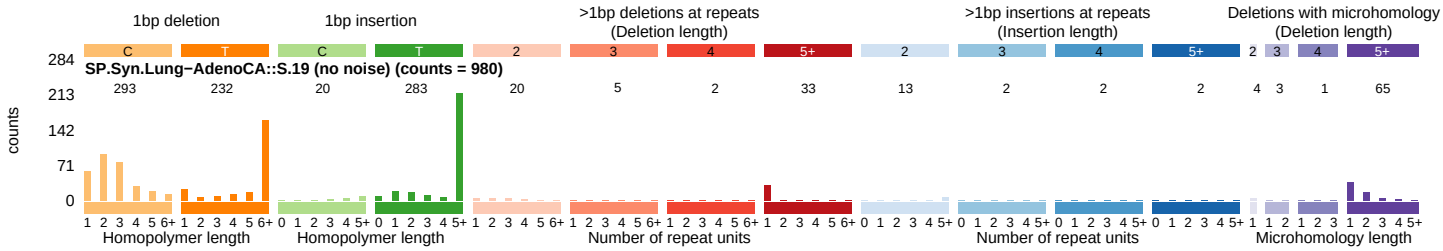
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.18 (no noise) (counts = 407)
47 134 4 133 23 11 6 5 11 3 2 2 8 6 5 7
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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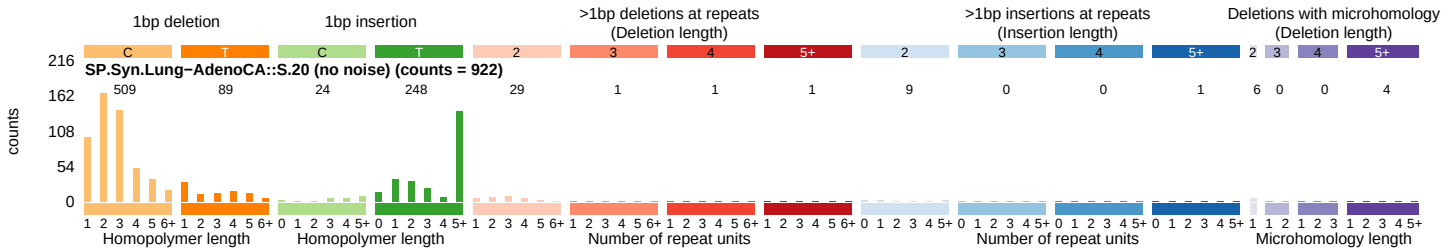
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.19 (no noise) (counts = 980)
293 232 20 283 20 5 2 33 13 2 2 2 4 3 1 65
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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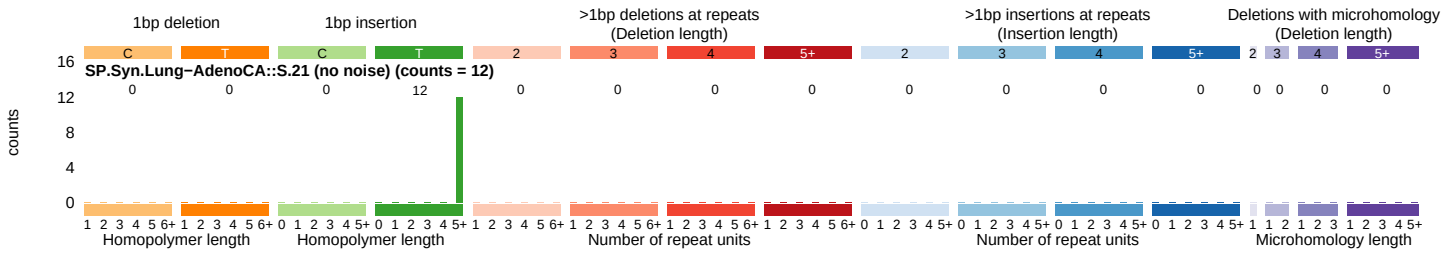
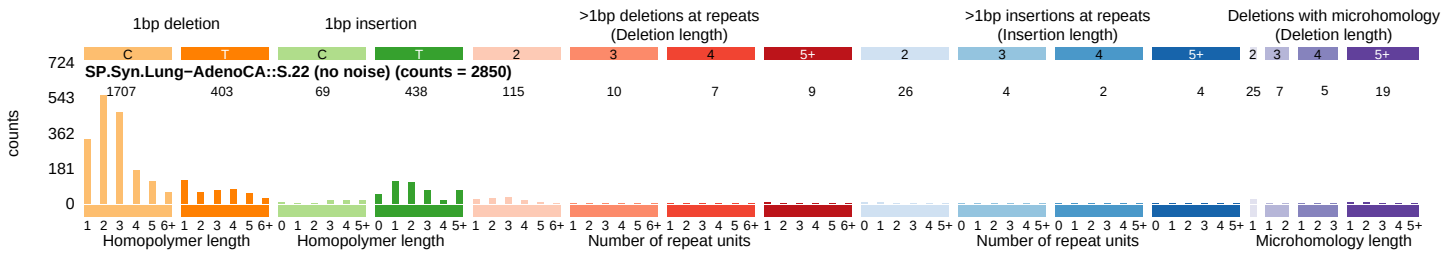
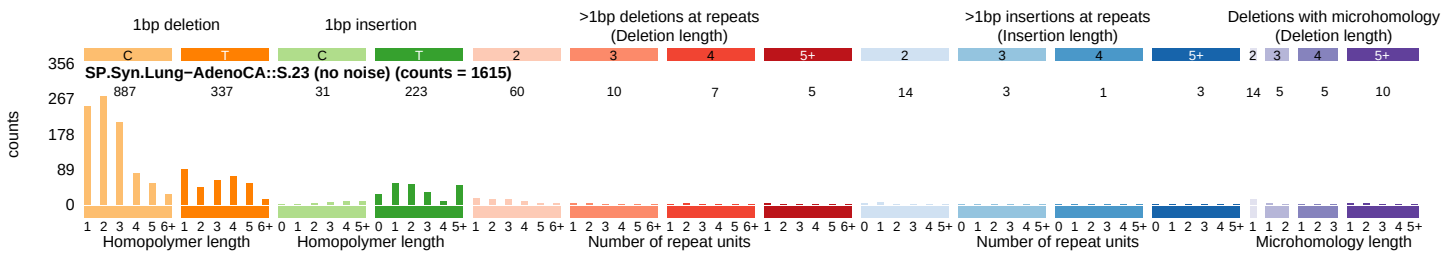
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.20 (no noise) (counts = 922)
509 89 24 248 29 1 1 1 9 0 0 1 6 0 0 4
counts
Homopolymer length
Number of repeat units
Microhomology length


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 = 12)
0 0 0 12 0 0 0 0 0 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.22 (no noise) (counts = 2850)
1707 403 69 438 115 10 7 9 26 4 2 4 25 7 5 19
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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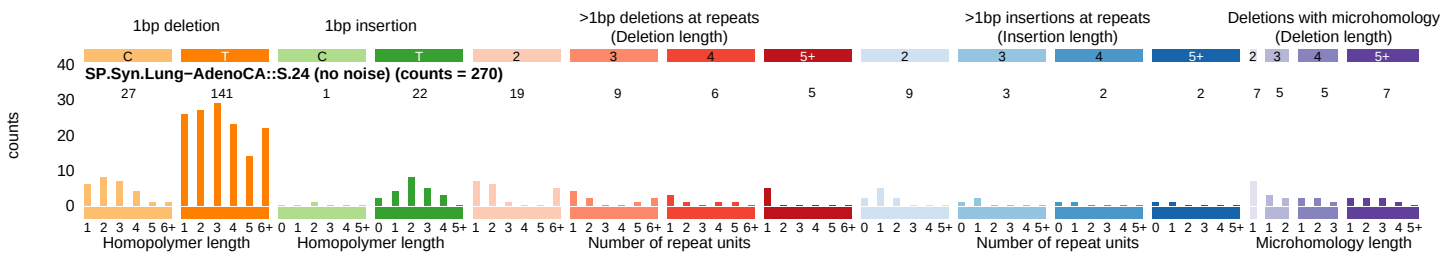
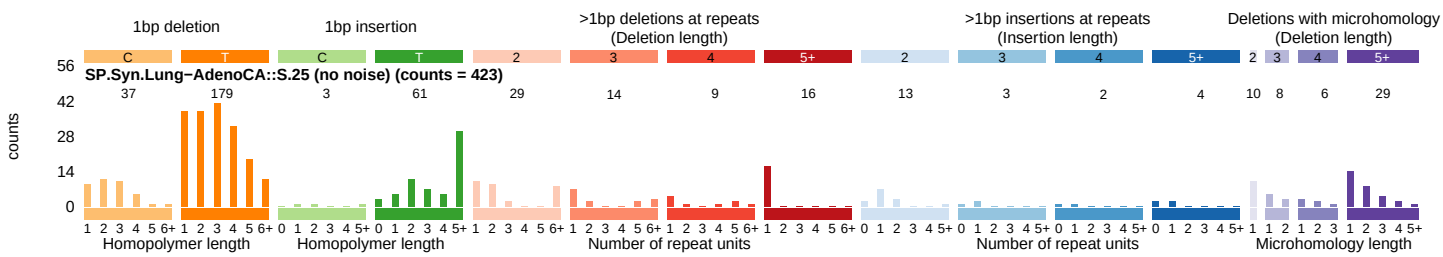
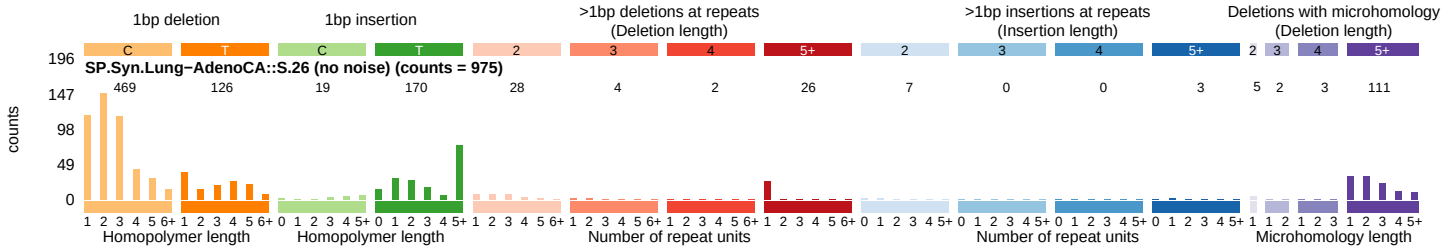
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.23 (no noise) (counts = 1615)
887 337 31 223 60 10 7 5 14 3 1 3 14 5 5 10
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.24 (no noise) (counts = 270)
27 141 1 22 19 9 6 5 9 3 2 2 7 5 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.Lung−AdenoCA::S.25 (no noise) (counts = 423)
37 179 3 61 29 14 9 16 13 3 2 4 10 8 6 29
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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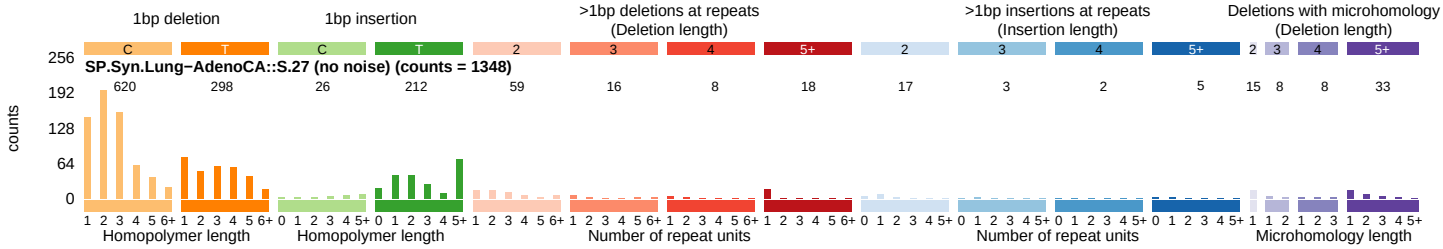
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.26 (no noise) (counts = 975)
469 126 19 170 28 4 2 26 7 0 0 3 5 2 3 111
counts
196 147 98 49 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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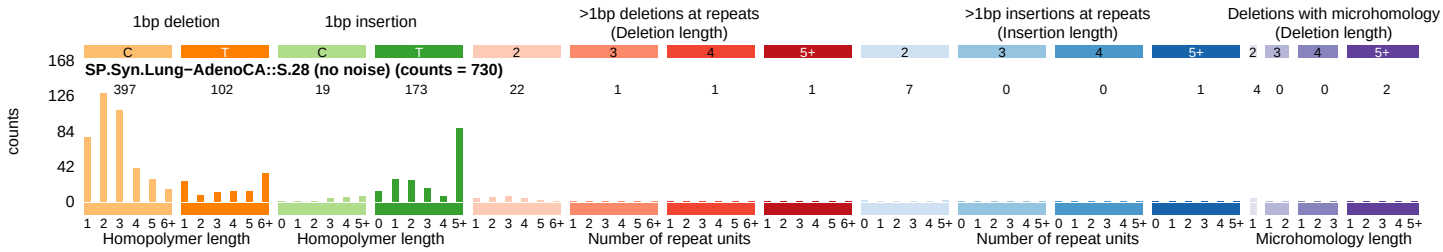
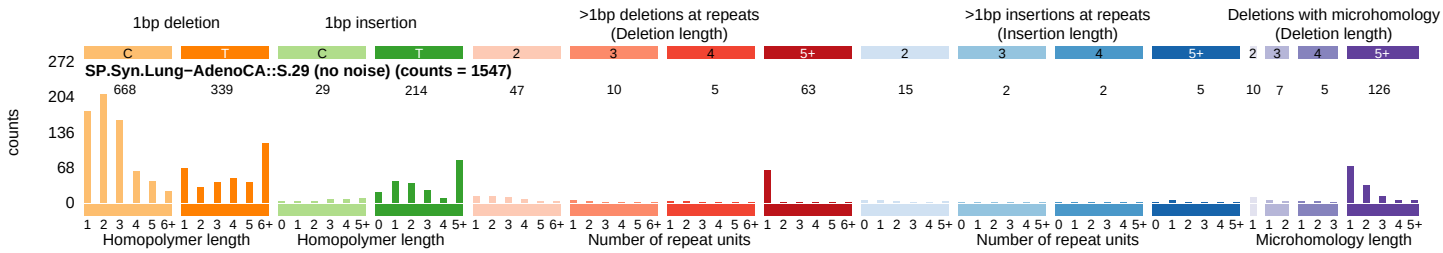
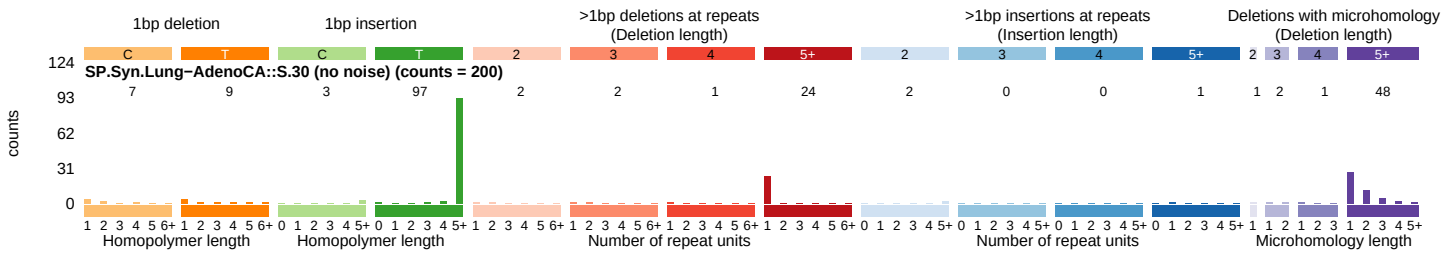
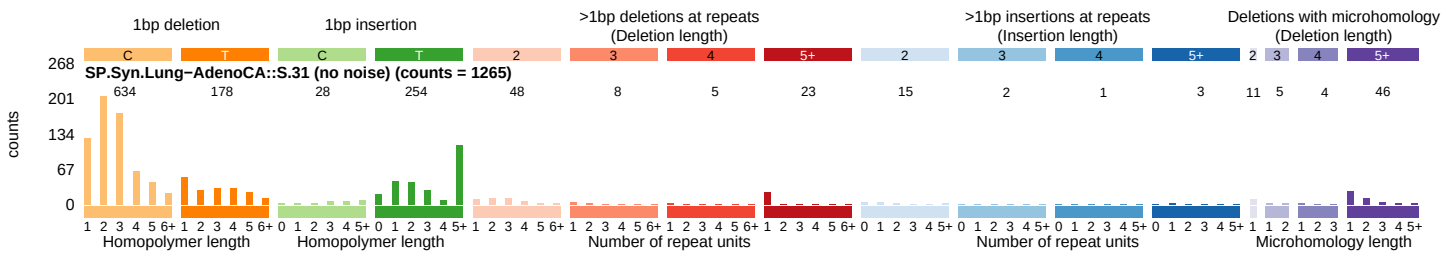
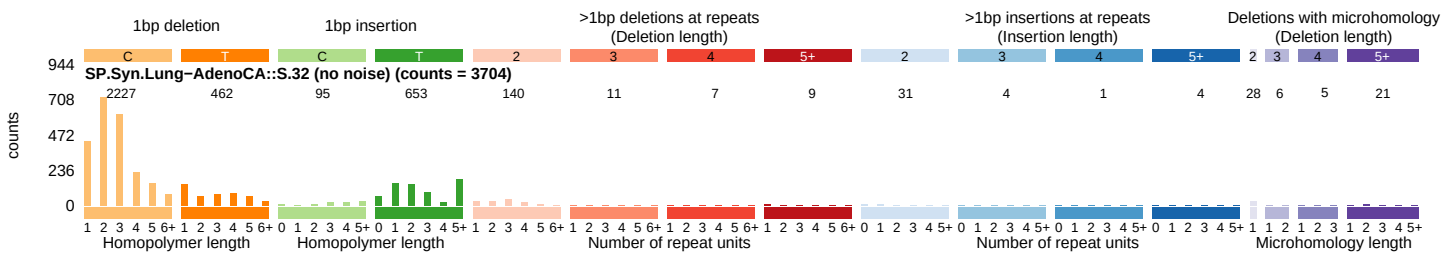
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.27 (no noise) (counts = 1348)
620 298 26 212 59 16 8 18 17 3 2 5 15 8 8 33
counts
256 192 128 64 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

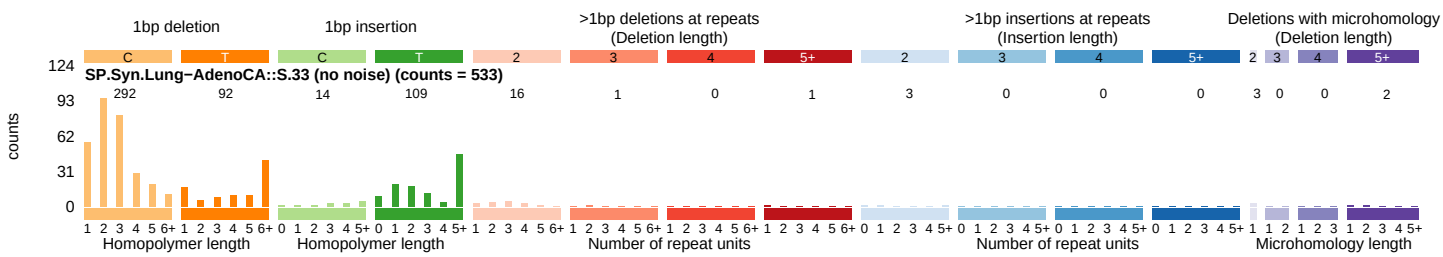

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.28 (no noise) (counts = 730)
397 102 19 173 22 1 1 1 7 0 0 1 4 0 0 2
counts
168 126 84 42 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

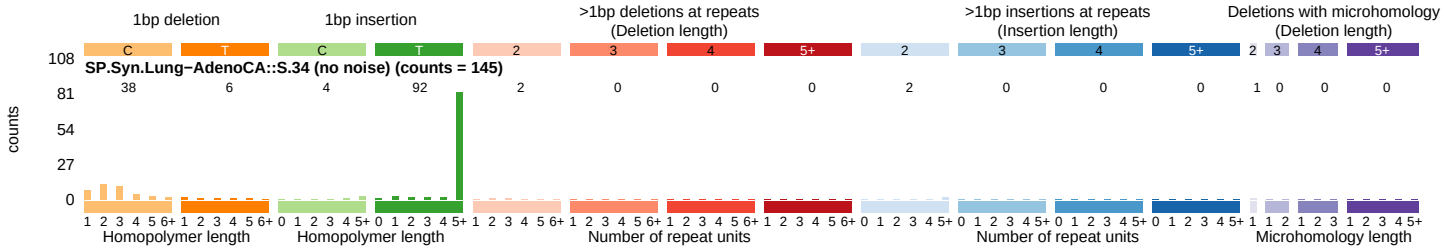

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.29 (no noise) (counts = 1547)
668 339 29 214 47 10 5 63 15 2 2 5 10 7 5 126
counts
272 204 136 68 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

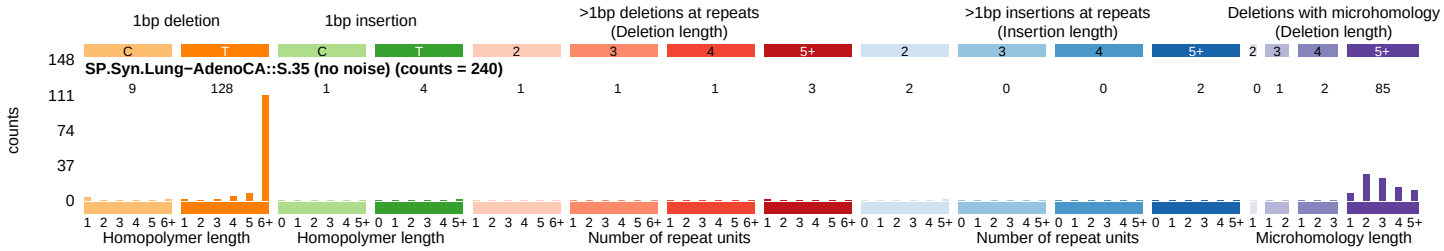

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.30 (no noise) (counts = 200)
7 9 3 97 2 2 1 24 2 0 0 1 1 2 1 48
counts
124 93 62 31 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

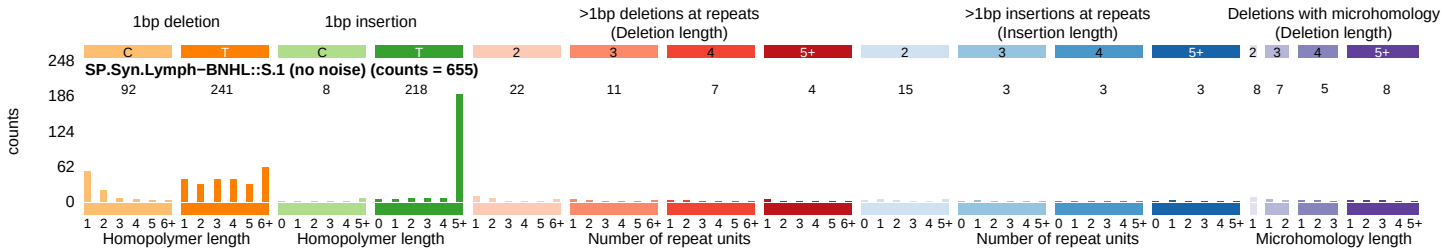

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.31 (no noise) (counts = 1265)
634 178 28 254 48 8 5 23 15 2 1 3 11 5 4 46
counts
268 201 134 67 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

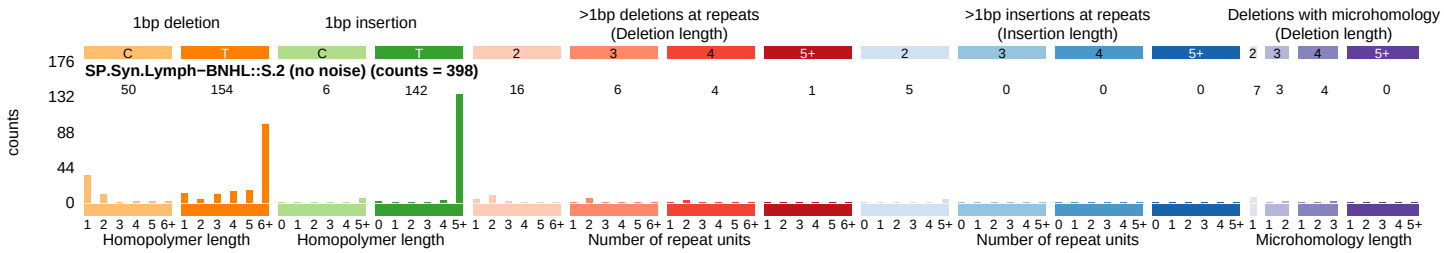

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.32 (no noise) (counts = 3704)
2227 462 95 653 140 11 7 9 31 4 1 4 28 6 5 21
counts
944 708 472 236 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

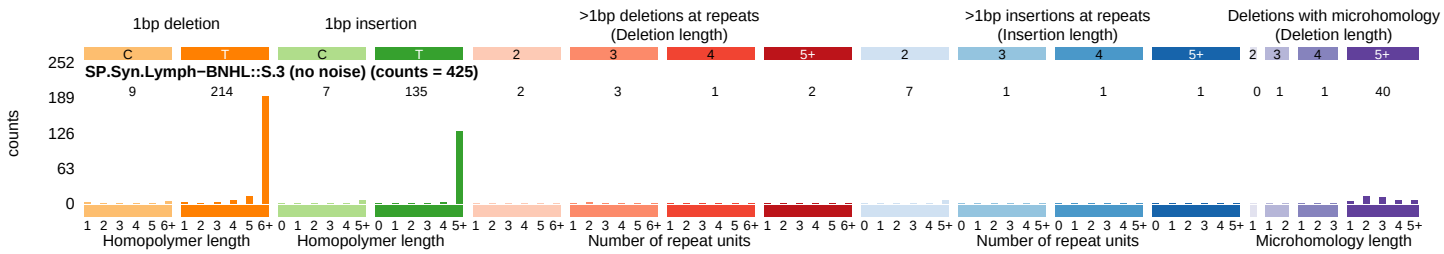

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.33 (no noise) (counts = 533)
292 92 14 109 16 1 0 1 3 0 0 0 3 0 0 2
counts
124 93 62 31 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

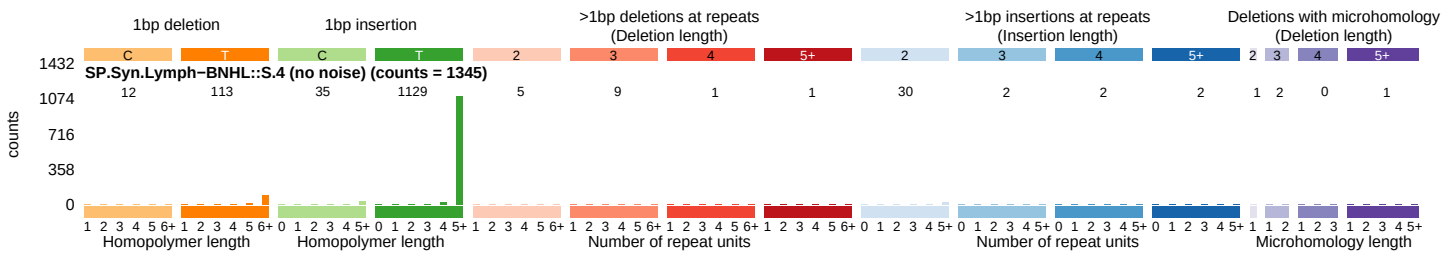

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.34 (no noise) (counts = 145)
counts
Homopolymer length
Number of repeat units
Microhomology length

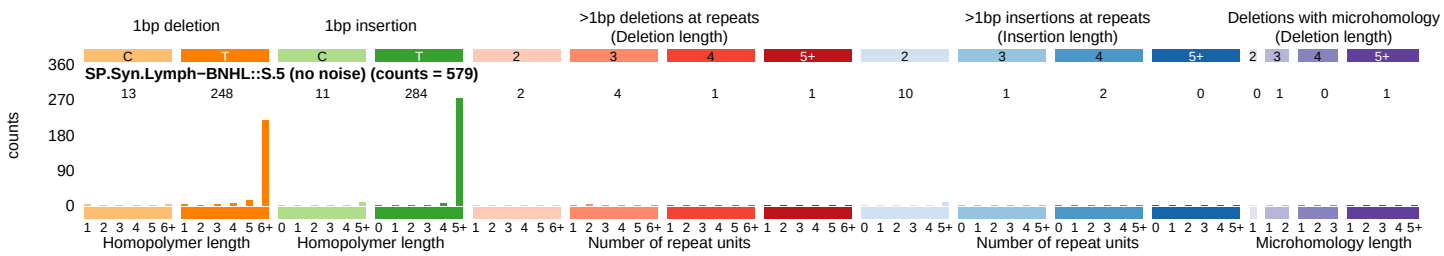

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.35 (no noise) (counts = 240)
counts
Homopolymer length
Number of repeat units
Microhomology length

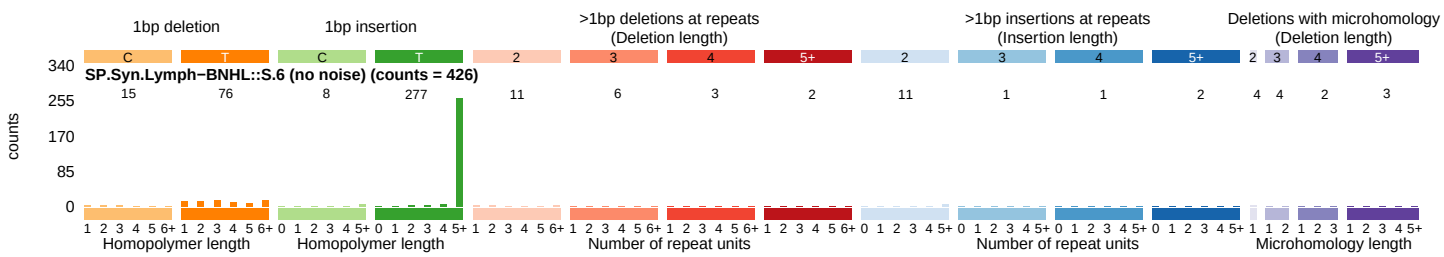

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.1 (no noise) (counts = 655)
counts
Homopolymer length
Number of repeat units
Microhomology length

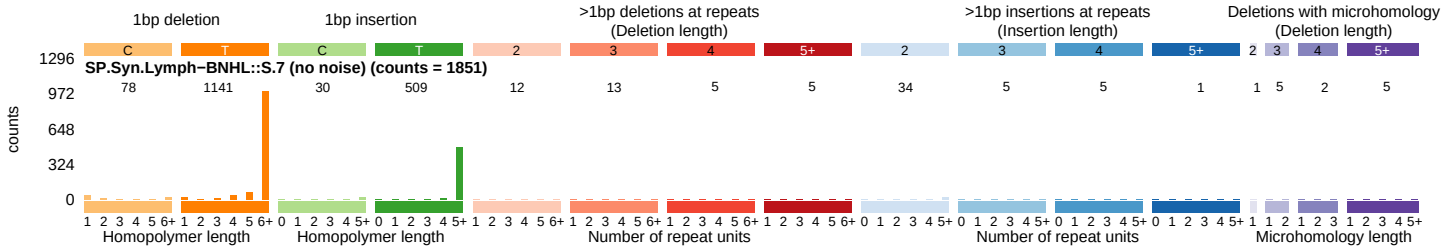

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.2 (no noise) (counts = 398)
counts
Homopolymer length
Number of repeat units
Microhomology length

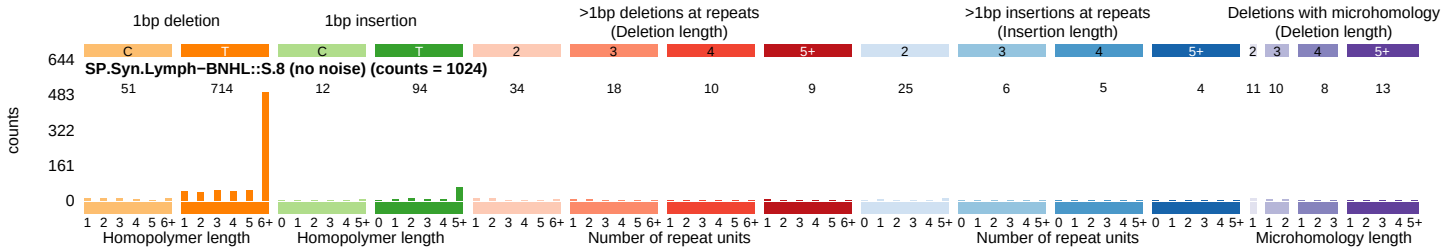

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.3 (no noise) (counts = 425)
counts
Homopolymer length
Number of repeat units
Microhomology length

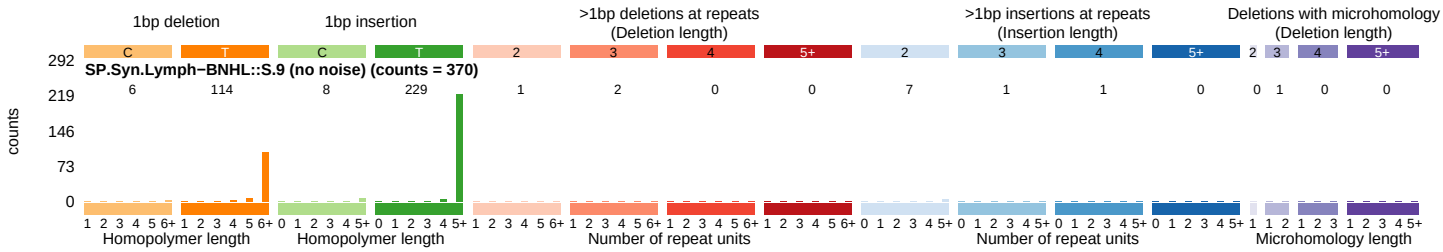

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.4 (no noise) (counts = 1345)
counts
Homopolymer length
Number of repeat units
Microhomology length

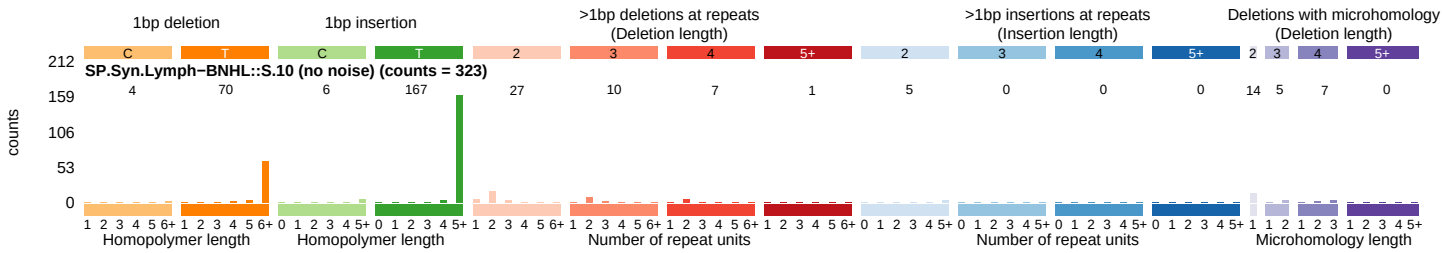

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.5 (no noise) (counts = 579)
counts
Homopolymer length
Number of repeat units
Microhomology length

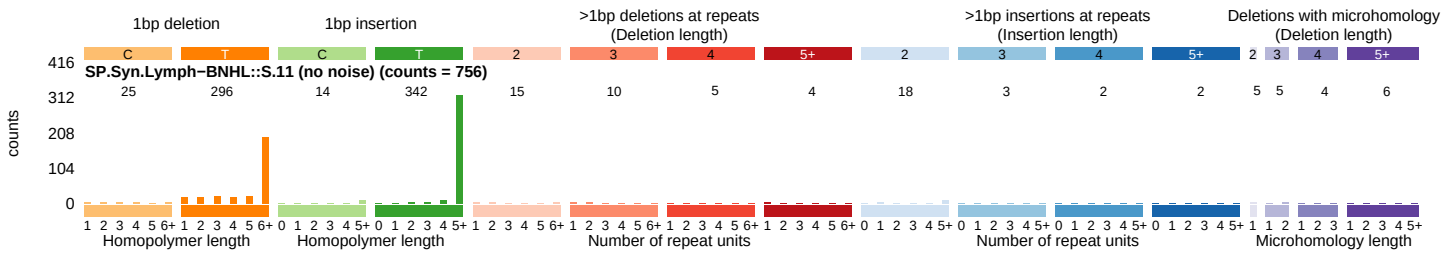

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.6 (no noise) (counts = 426)
counts
Homopolymer length
Number of repeat units
Microhomology length

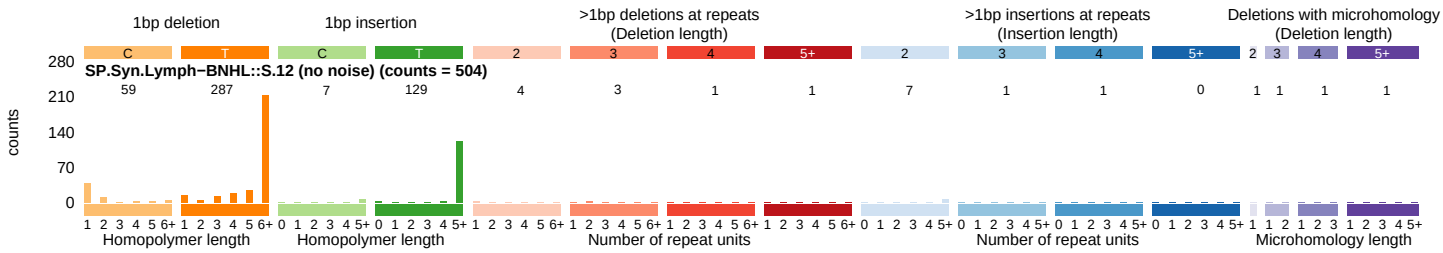

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.7 (no noise) (counts = 1851)
counts
Homopolymer length
Number of repeat units
Microhomology length

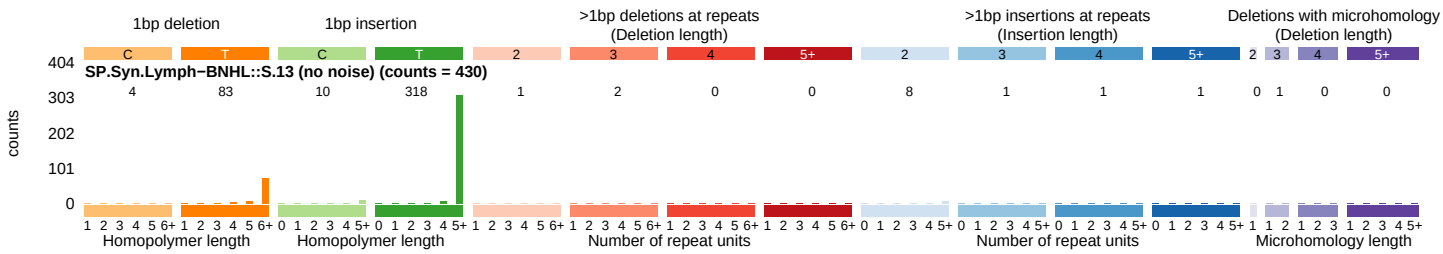

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.8 (no noise) (counts = 1024)
counts
Homopolymer length
Number of repeat units
Microhomology length

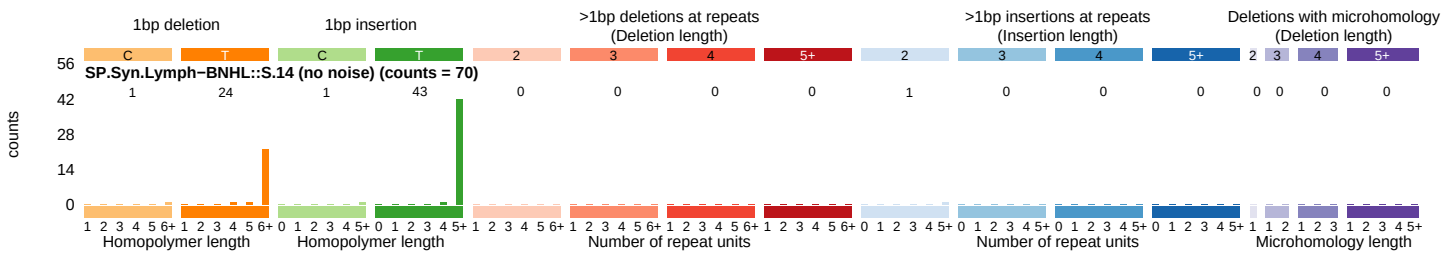

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.9 (no noise) (counts = 370)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.10 (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.Lymph−BNHL::S.11 (no noise) (counts = 756)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.12 (no noise) (counts = 504)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.13 (no noise) (counts = 430)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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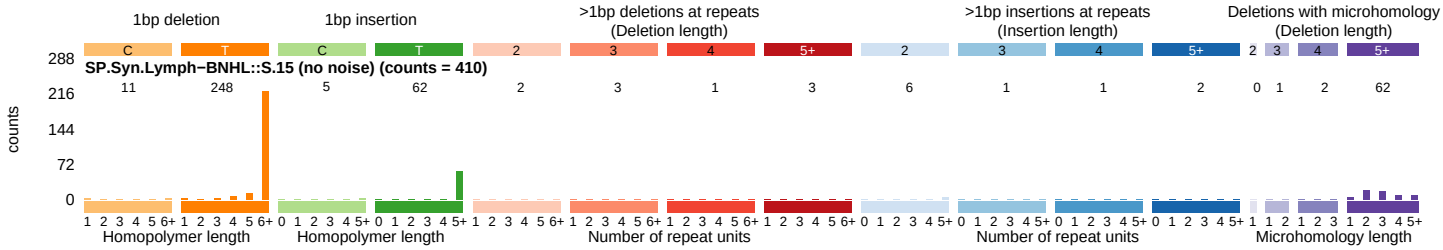
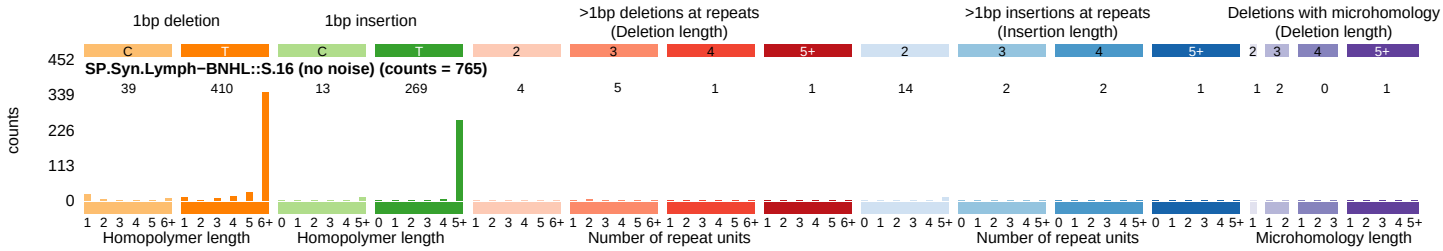
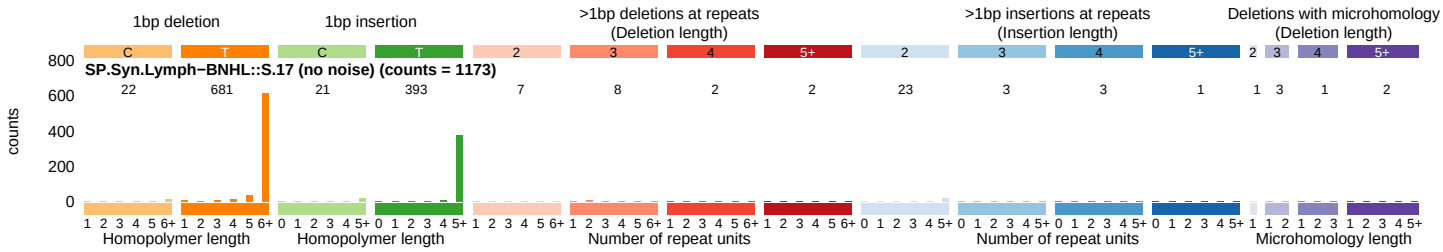
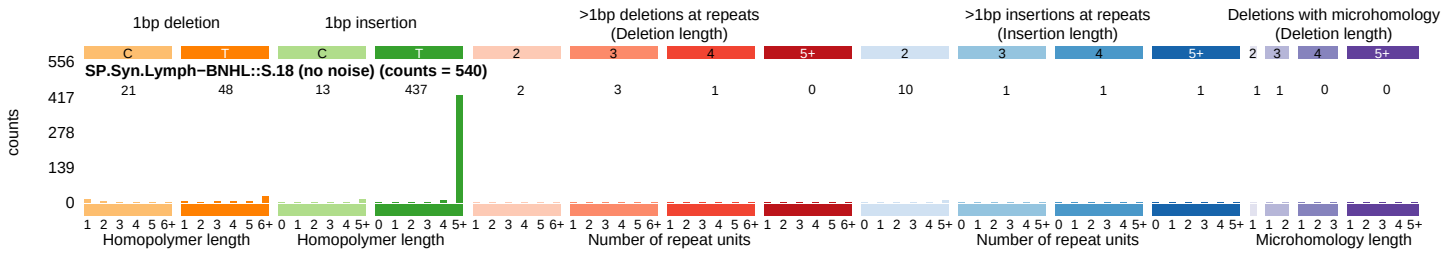
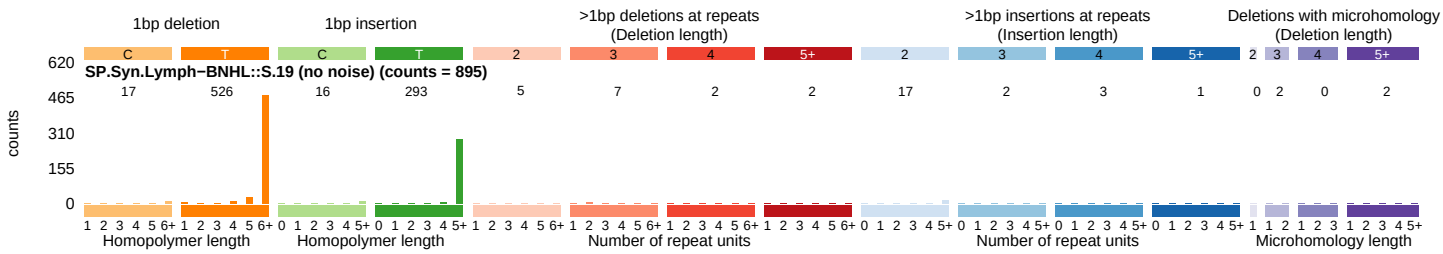
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.14 (no noise) (counts = 70)
counts
Homopolymer length
Number of repeat units
Microhomology length

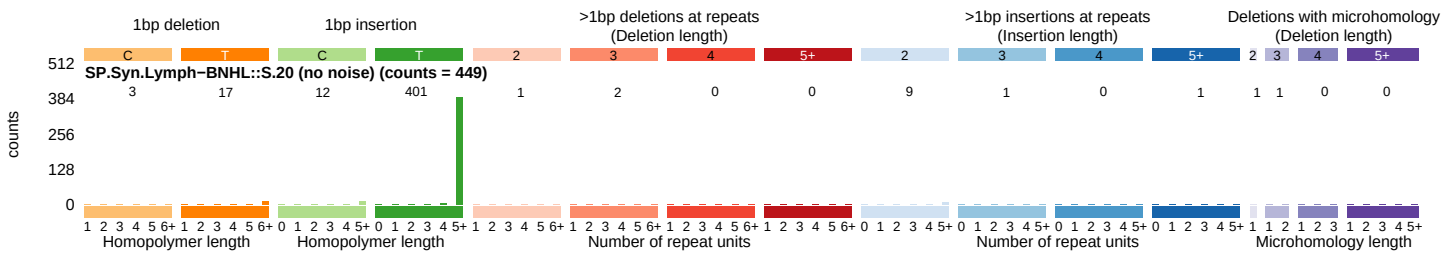

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−BNHL::S.15 (no noise) (counts = 410)
11 248 5 62 2 3 1 3 6 1 1 2 0 1 2 62
counts
288 216 144 72 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

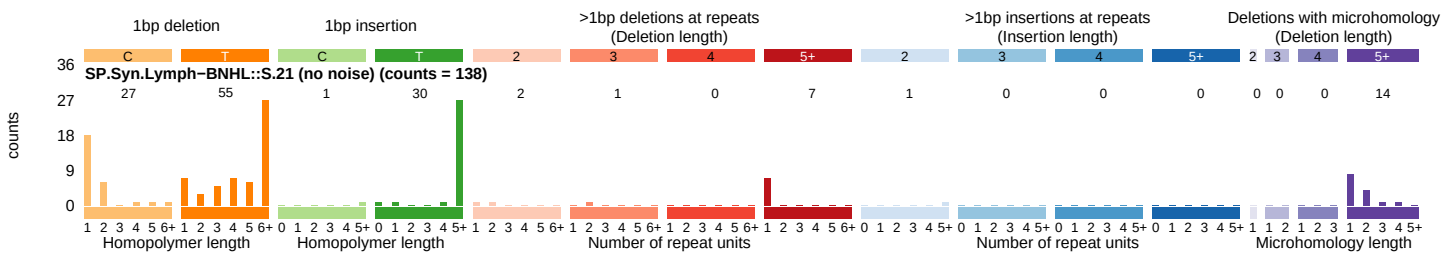

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−BNHL::S.16 (no noise) (counts = 765)
39 410 13 269 4 5 1 1 14 2 2 1 1 2 0 1
counts
452 339 226 113 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

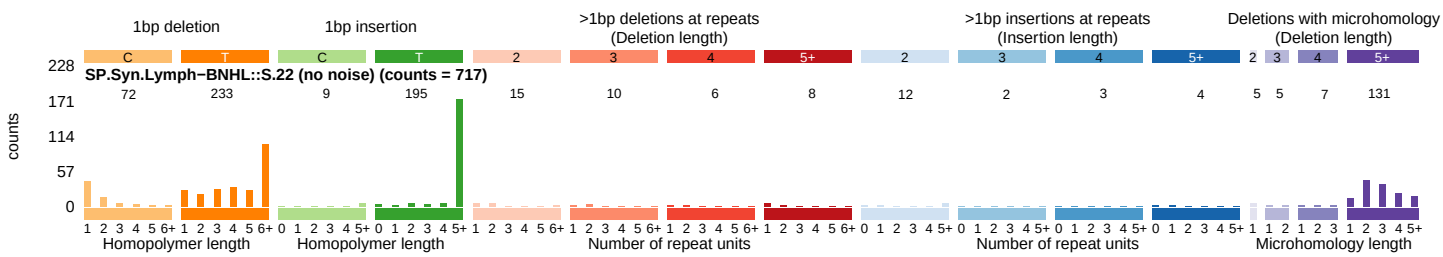

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−BNHL::S.17 (no noise) (counts = 1173)
22 681 21 393 7 8 2 2 23 3 3 1 1 3 1 2
counts
800 600 400 200 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

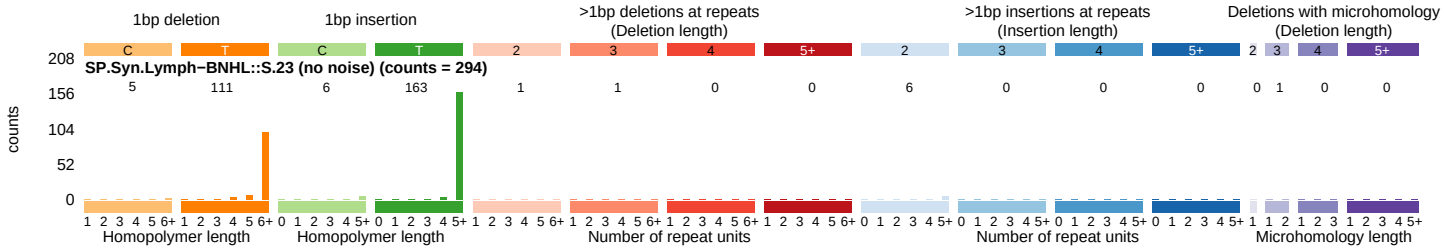

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−BNHL::S.18 (no noise) (counts = 540)
21 48 13 437 2 3 1 0 10 1 1 1 1 1 0 0
counts
556 417 278 139 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

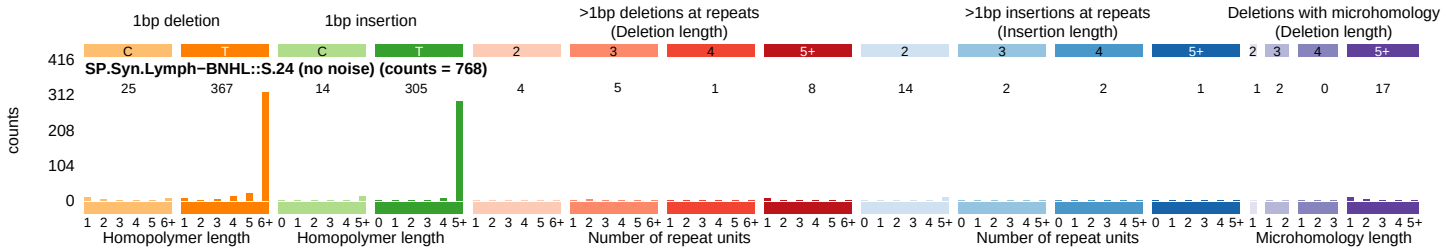

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−BNHL::S.19 (no noise) (counts = 895)
17 526 16 293 5 7 2 2 17 2 3 1 0 2 0 2
counts
620 465 310 155 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

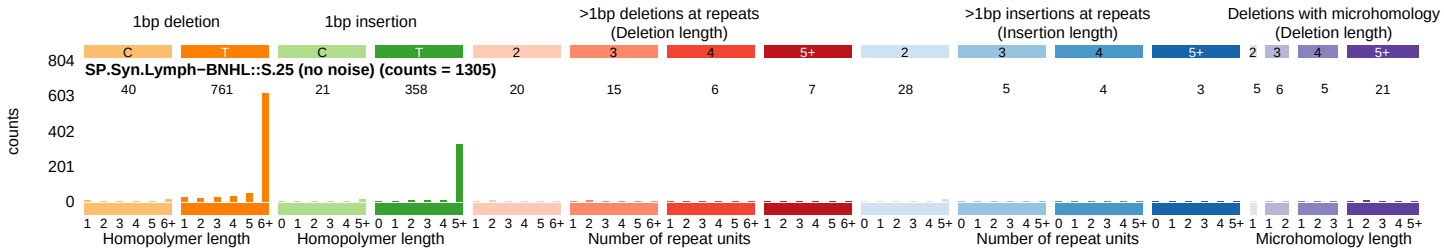

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−BNHL::S.20 (no noise) (counts = 449)
3 17 12 401 1 2 0 0 9 1 0 1 1 1 0 0
counts
512 384 256 128 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

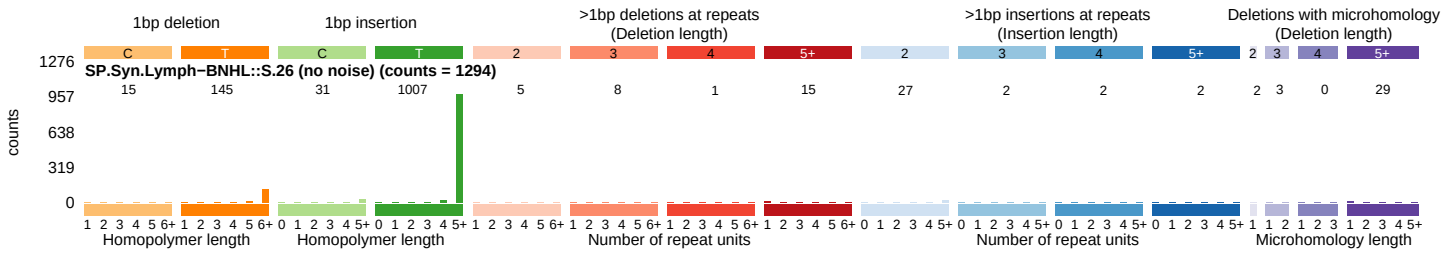

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−BNHL::S.21 (no noise) (counts = 138)
27 55 1 30 2 1 0 7 1 0 0 0 0 0 0 14
counts
36 27 18 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

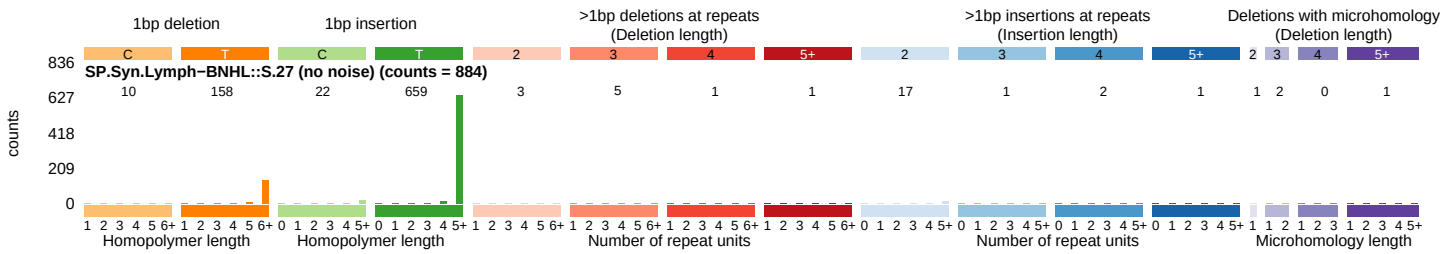

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−BNHL::S.22 (no noise) (counts = 717)
72 233 9 195 15 10 6 8 12 2 3 4 5 5 7 131
counts
228 171 114 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

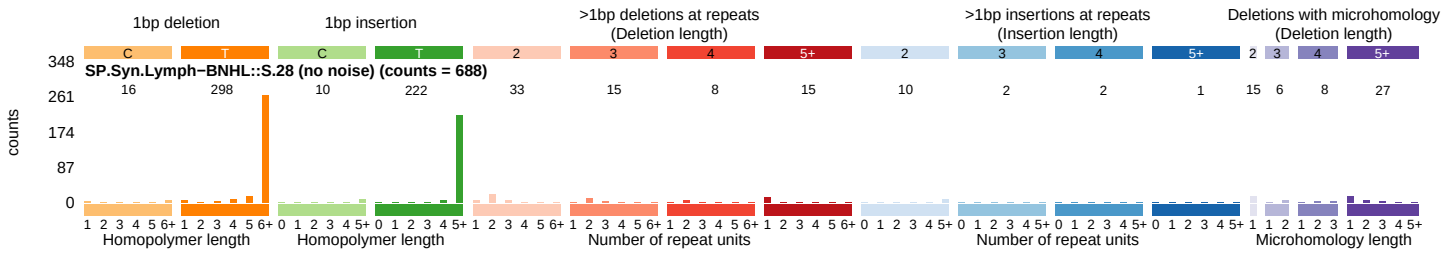

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.23 (no noise) (counts = 294)
counts
Homopolymer length
Number of repeat units
Microhomology length

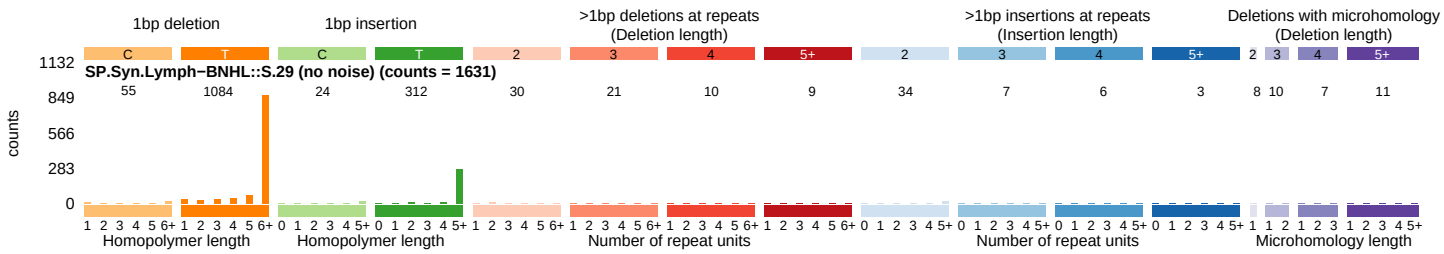

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.24 (no noise) (counts = 768)
counts
Homopolymer length
Number of repeat units
Microhomology length

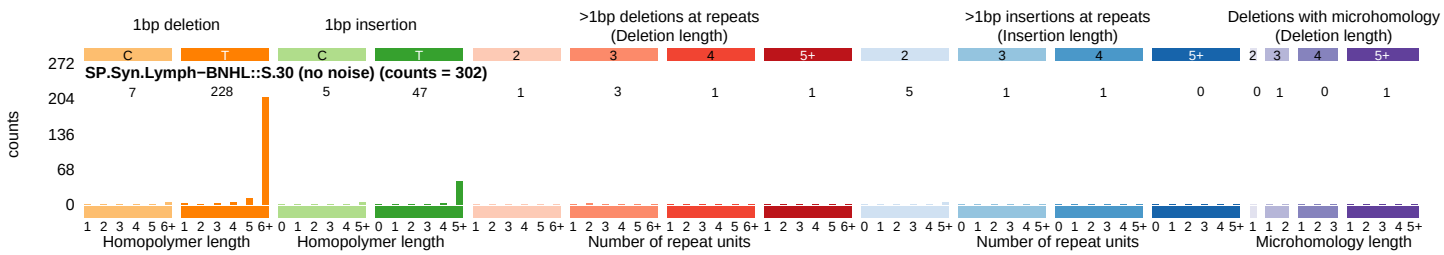

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.25 (no noise) (counts = 1305)
counts
Homopolymer length
Number of repeat units
Microhomology length

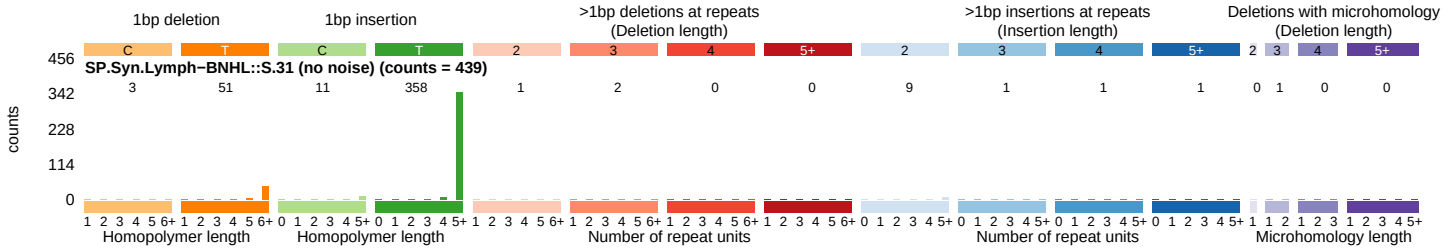

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.26 (no noise) (counts = 1294)
counts
Homopolymer length
Number of repeat units
Microhomology length

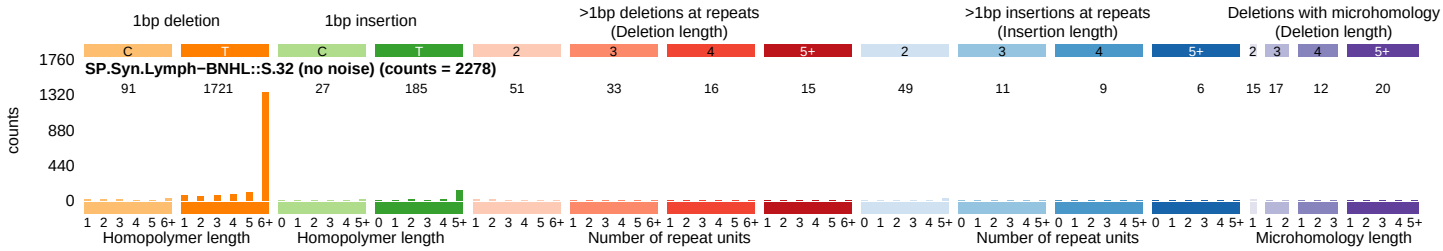

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.27 (no noise) (counts = 884)
counts
Homopolymer length
Number of repeat units
Microhomology length

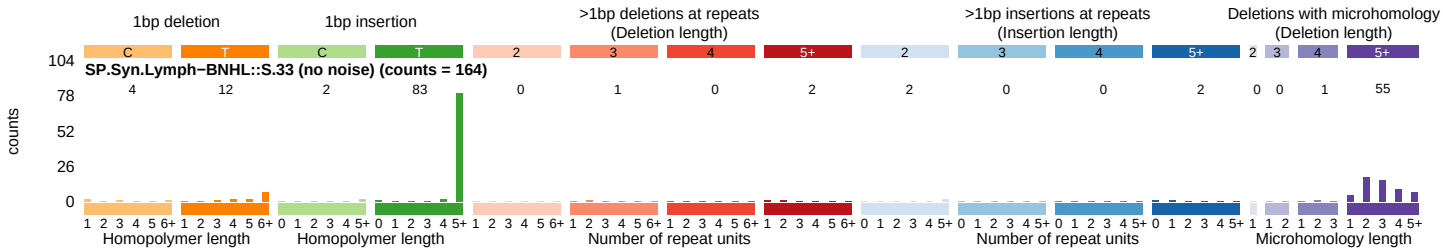

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.28 (no noise) (counts = 688)
counts
Homopolymer length
Number of repeat units
Microhomology length

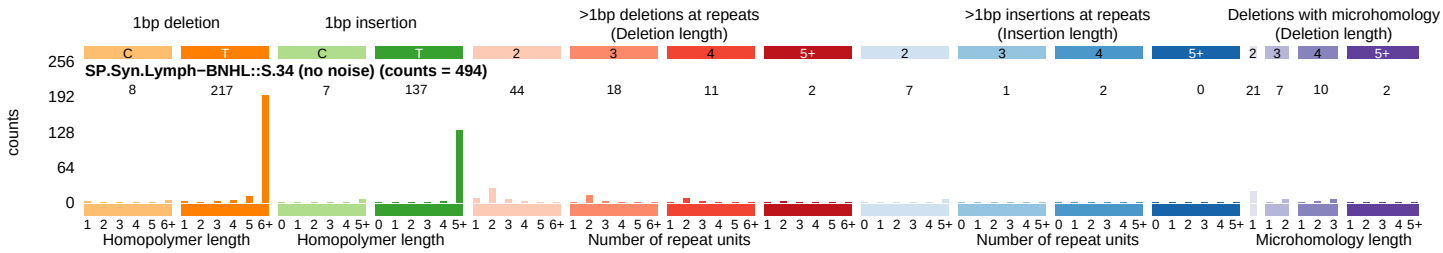

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.29 (no noise) (counts = 1631)
counts
Homopolymer length
Number of repeat units
Microhomology length

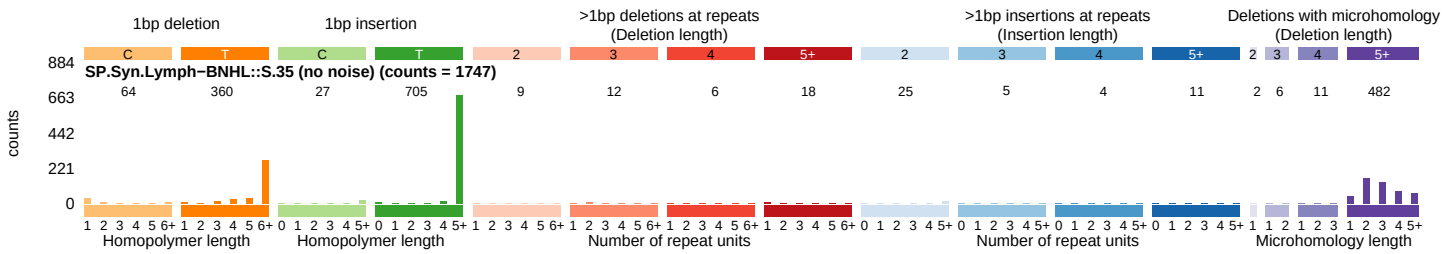

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.30 (no noise) (counts = 302)
counts
Homopolymer length
Number of repeat units
Microhomology length

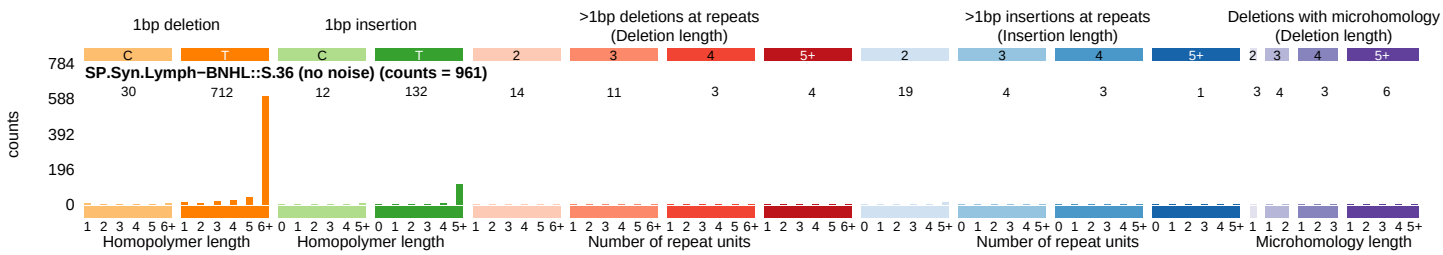

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.31 (no noise) (counts = 439)
3 51 11 358 1 2 0 0 9 1 1 1 0 1 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

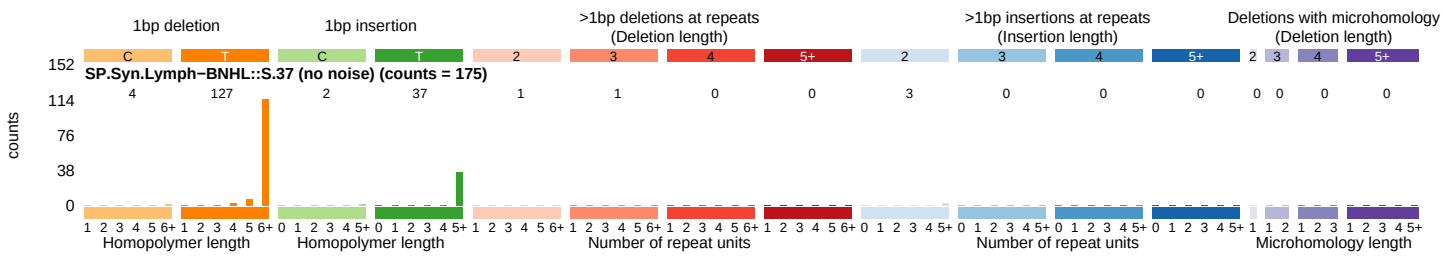

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.32 (no noise) (counts = 2278)
91 1721 27 185 51 33 16 15 49 11 9 6 15 17 12 20
counts
Homopolymer length
Number of repeat units
Microhomology length

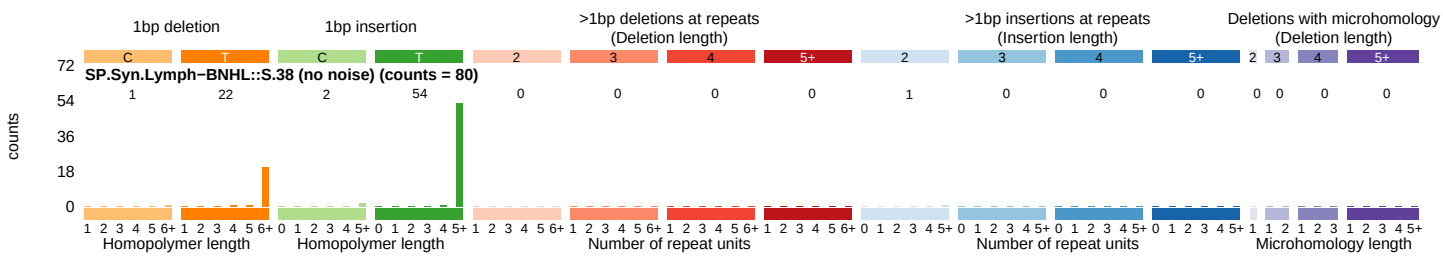

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.33 (no noise) (counts = 164)
4 12 2 83 0 1 0 2 2 0 0 2 0 0 1 55
counts
Homopolymer length
Number of repeat units
Microhomology length

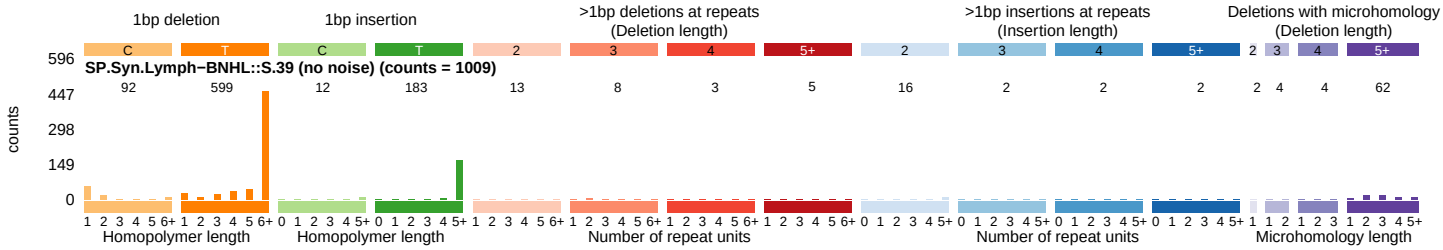

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.34 (no noise) (counts = 494)
8 217 7 137 44 18 11 2 7 1 2 0 21 7 10 2
counts
Homopolymer length
Number of repeat units
Microhomology length

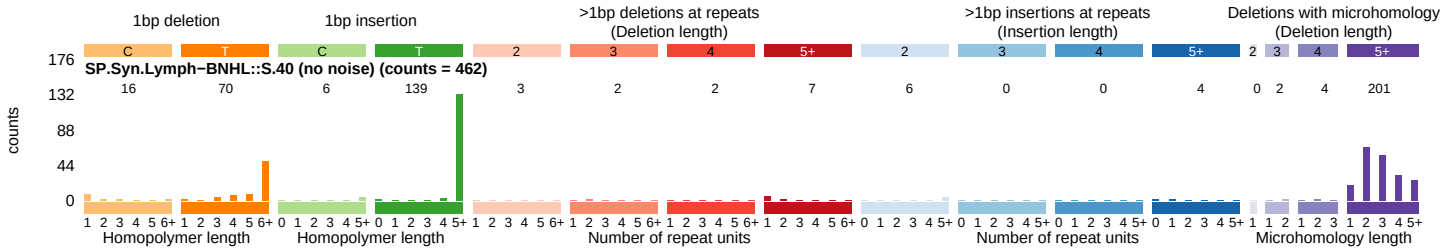

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.35 (no noise) (counts = 1747)
64 360 27 705 9 12 6 18 25 5 4 11 2 6 11 482
counts
Homopolymer length
Number of repeat units
Microhomology length

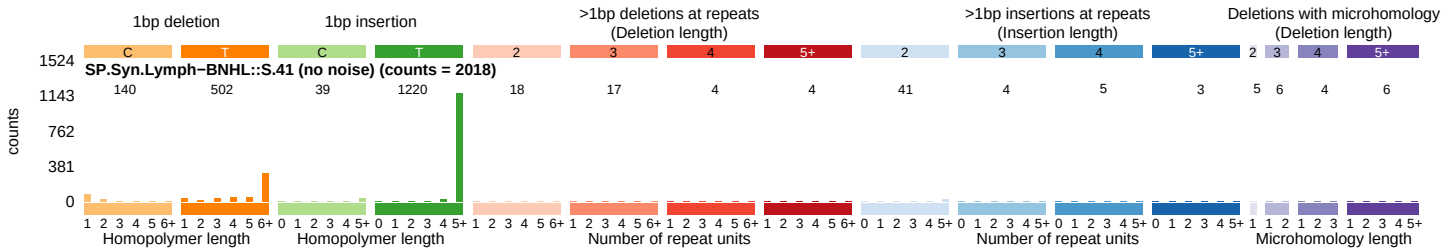

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.36 (no noise) (counts = 961)
30 712 12 132 14 11 3 4 19 4 3 1 3 4 3 6
counts
Homopolymer length
Number of repeat units
Microhomology length

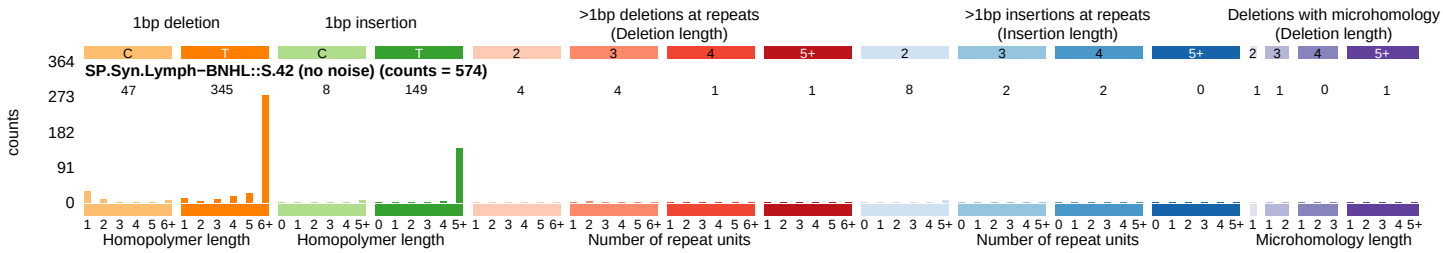

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.37 (no noise) (counts = 175)
4 127 2 37 1 1 0 0 3 0 0 0 0 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

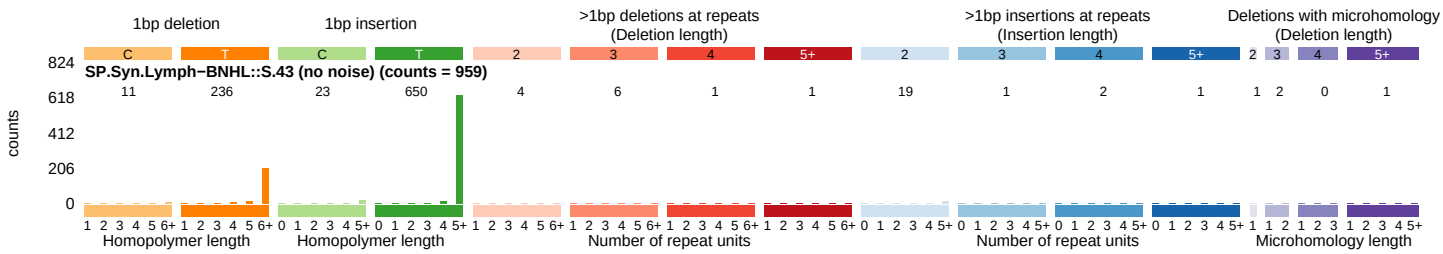

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.38 (no noise) (counts = 80)
1 22 2 54 0 0 0 0 1 0 0 0 0 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

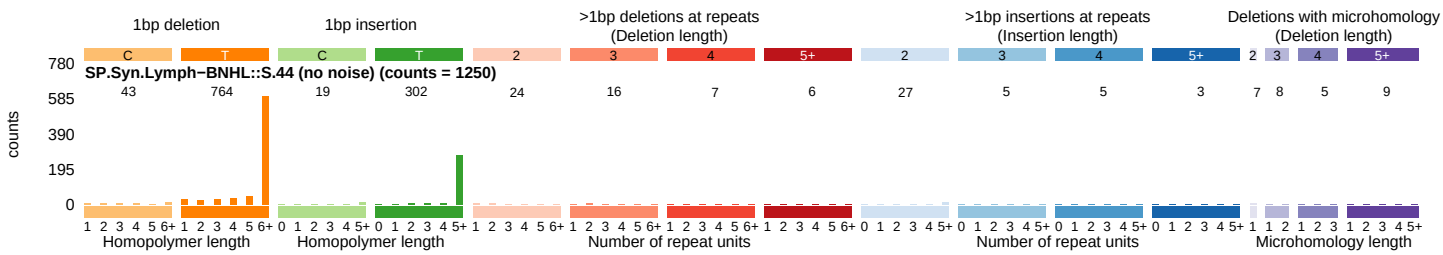

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.39 (no noise) (counts = 1009)
counts
Homopolymer length
Number of repeat units
Microhomology length

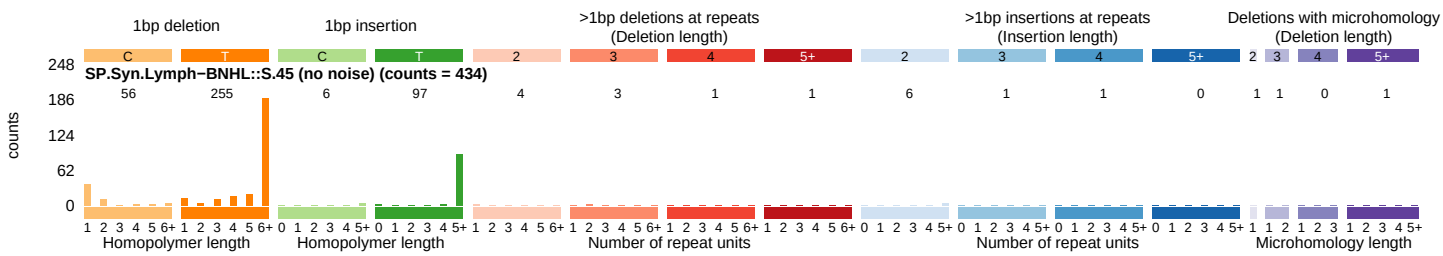

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.40 (no noise) (counts = 462)
counts
Homopolymer length
Number of repeat units
Microhomology length

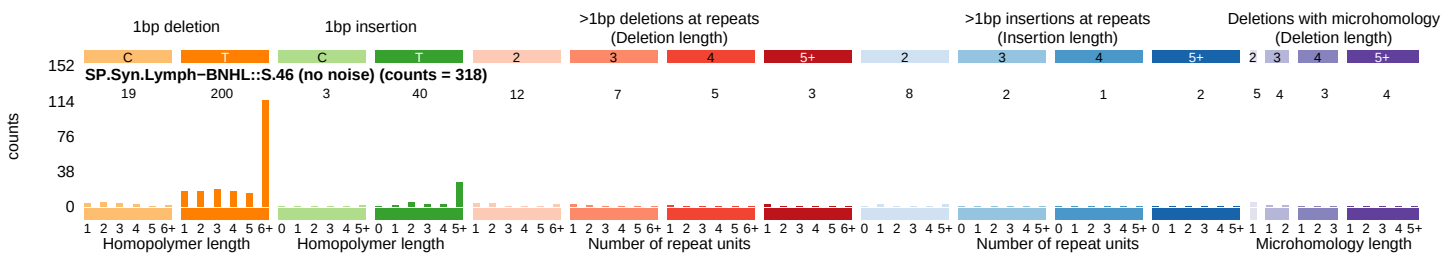

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.41 (no noise) (counts = 2018)
counts
Homopolymer length
Number of repeat units
Microhomology length

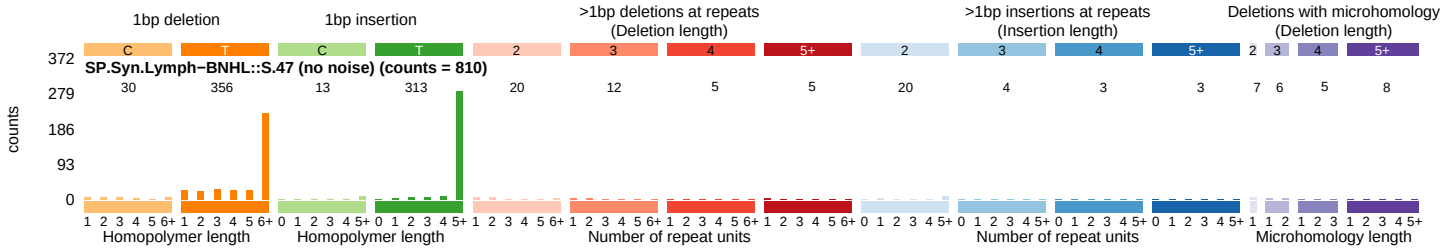

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.42 (no noise) (counts = 574)
counts
Homopolymer length
Number of repeat units
Microhomology length

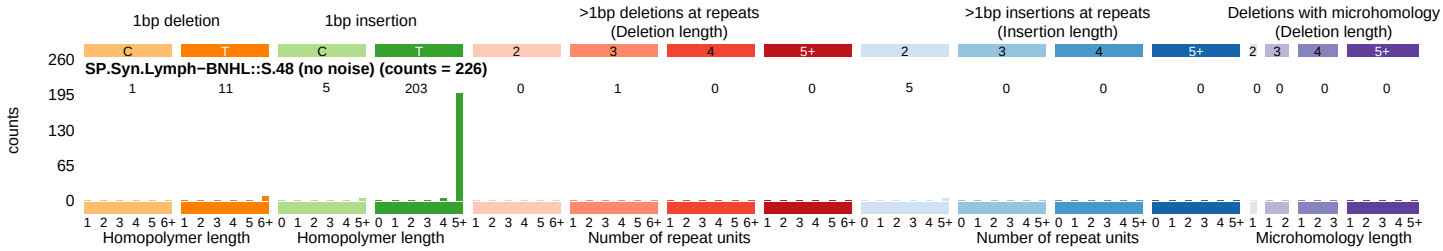

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.43 (no noise) (counts = 959)
counts
Homopolymer length
Number of repeat units
Microhomology length

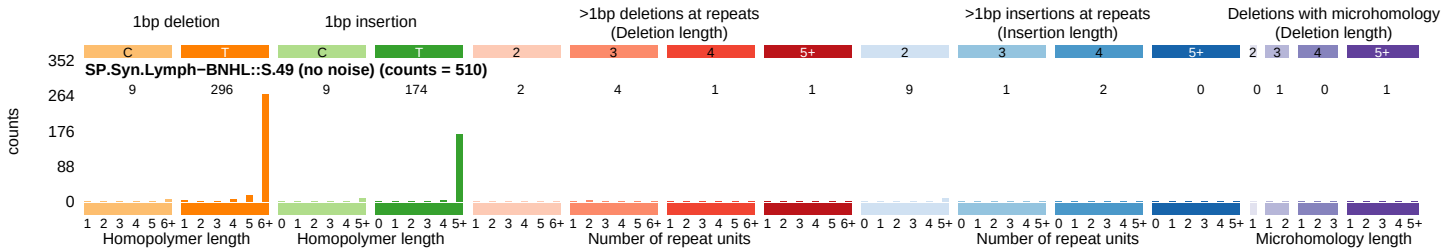

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.44 (no noise) (counts = 1250)
counts
Homopolymer length
Number of repeat units
Microhomology length

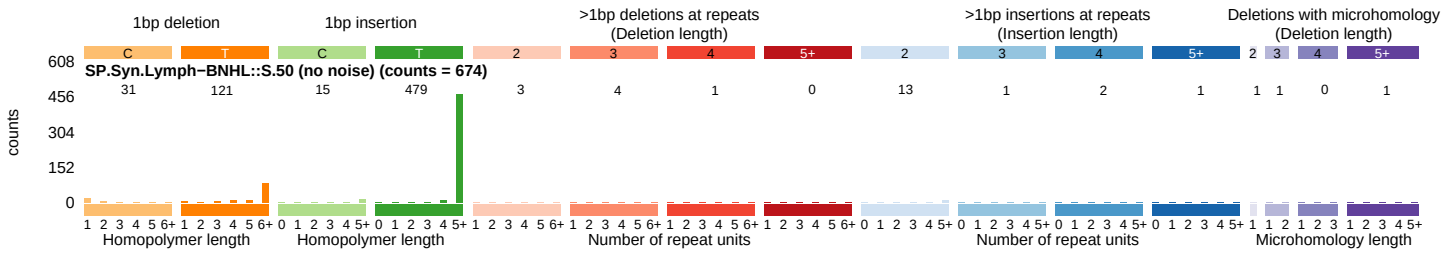

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.45 (no noise) (counts = 434)
counts
Homopolymer length
Number of repeat units
Microhomology length

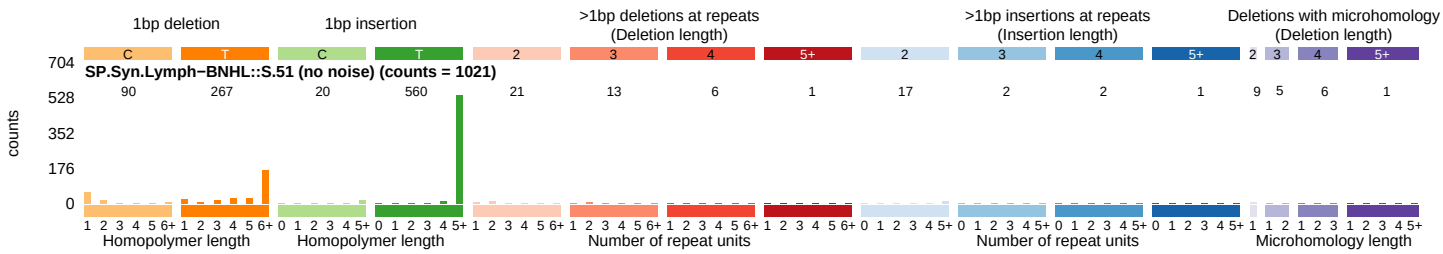

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.46 (no noise) (counts = 318)
counts
Homopolymer length
Number of repeat units
Microhomology length

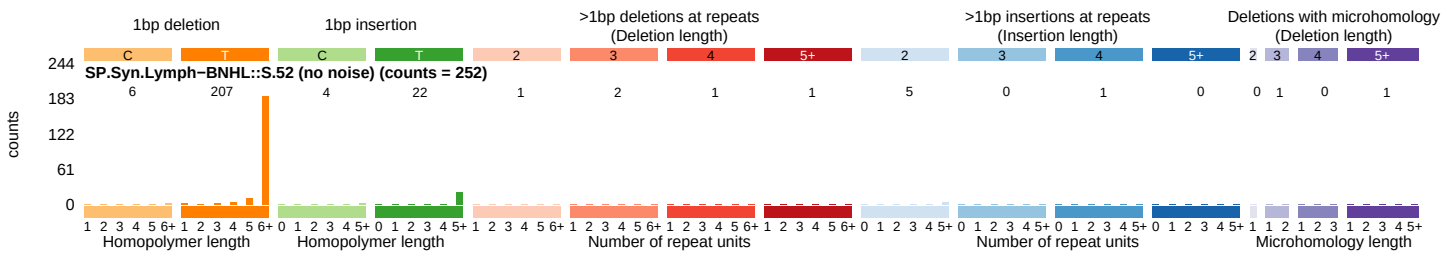

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.47 (no noise) (counts = 810)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
30 356 13 313 20 12 5 5 20 4 3 3 7 6 5 8
counts
372 279 186 93 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

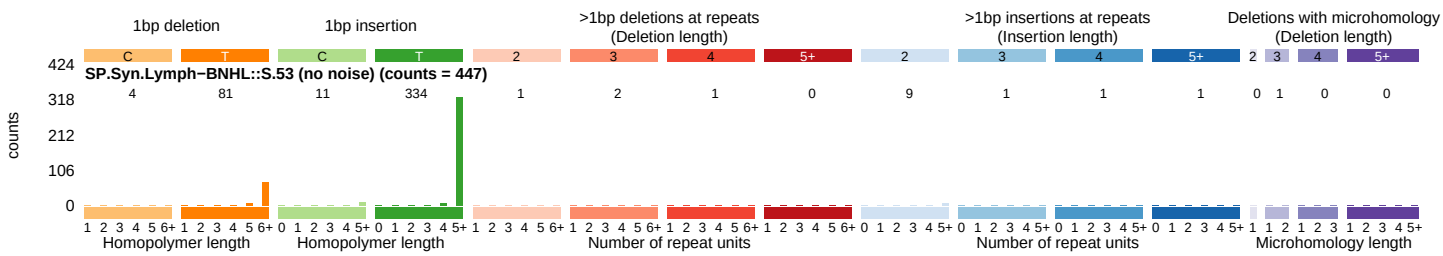

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.48 (no noise) (counts = 226)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
1 11 5 203 0 1 0 0 5 0 0 0 0 0 0 0
counts
260 195 130 65 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

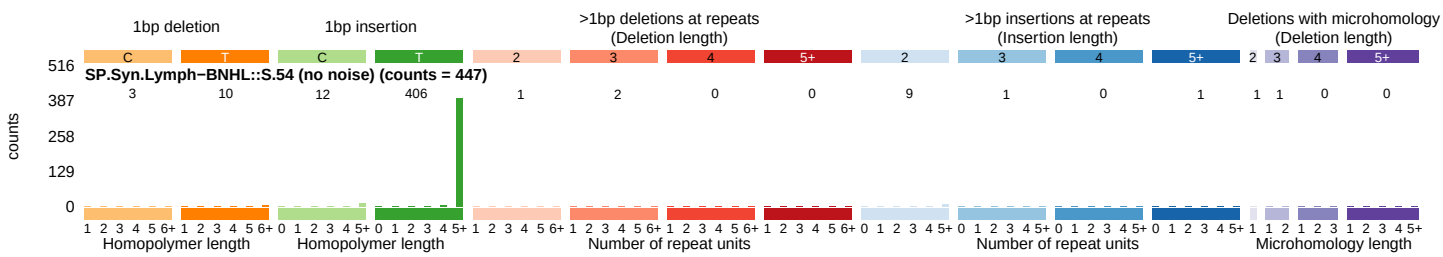

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.49 (no noise) (counts = 510)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
9 296 9 174 2 4 1 1 9 1 2 0 0 1 0 1
counts
352 264 176 88 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

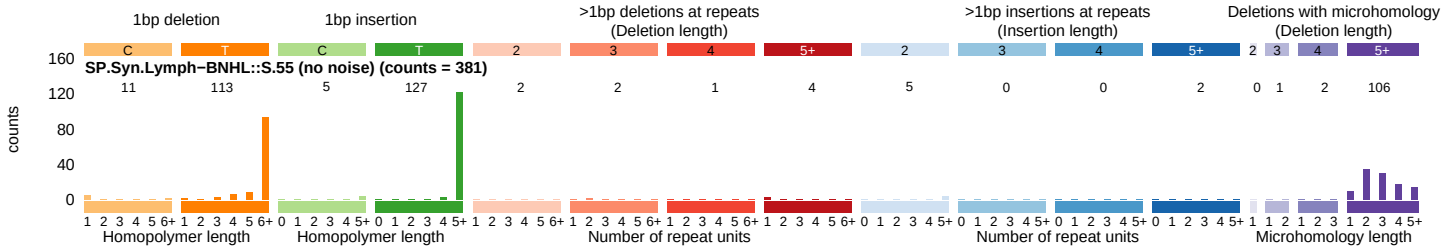

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.50 (no noise) (counts = 674)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
31 121 15 479 3 4 1 0 13 1 2 1 1 1 0 1
counts
608 456 304 152 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

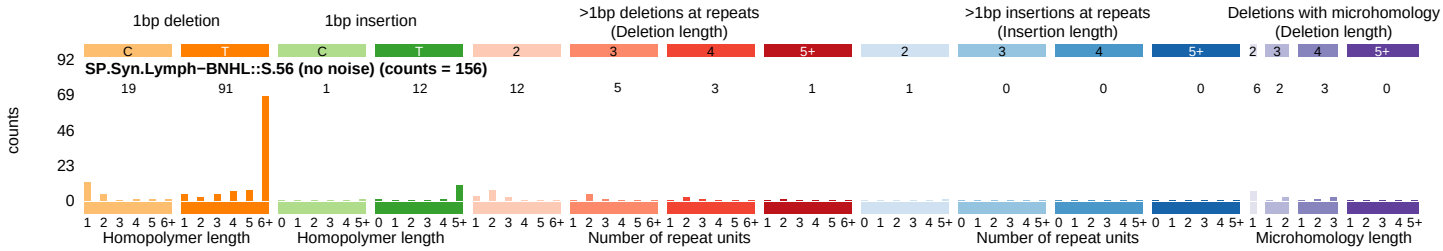

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.51 (no noise) (counts = 1021)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
90 267 20 560 21 13 6 1 17 2 2 1 9 5 6 1
counts
704 528 352 176 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

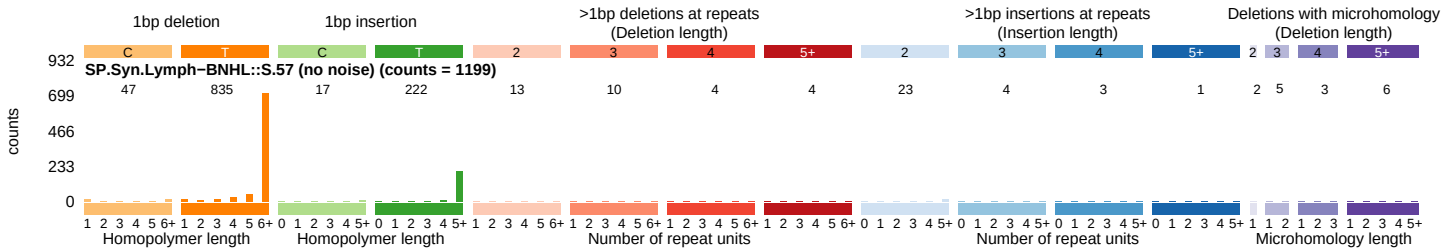

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.52 (no noise) (counts = 252)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
6 207 4 22 1 2 1 1 5 0 1 0 0 1 0 1
counts
244 183 122 61 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

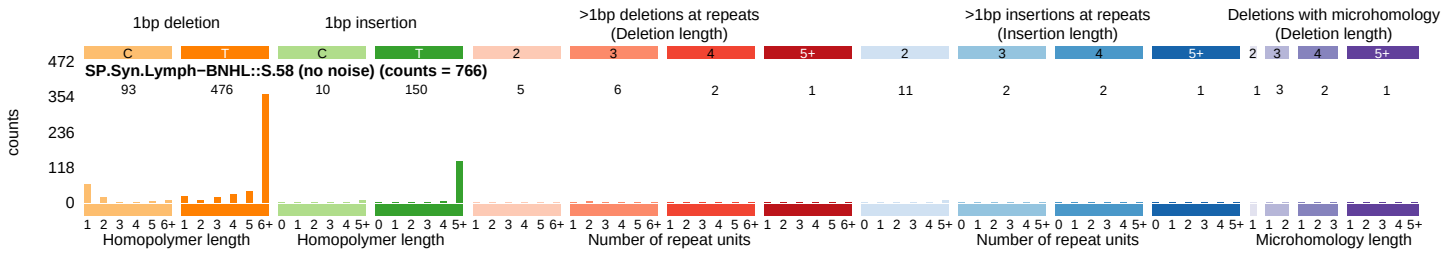

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.53 (no noise) (counts = 447)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
4 81 11 334 1 2 1 0 9 1 1 1 0 1 0 0
counts
424 318 212 106 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

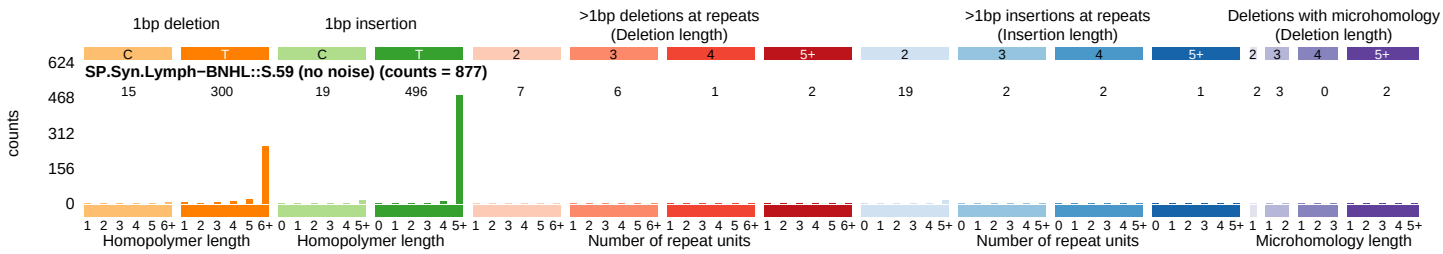

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.54 (no noise) (counts = 447)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
3 10 12 406 1 2 0 0 9 1 0 1 1 1 0 0
counts
516 387 258 129 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.Lymph−BNHL::S.55 (no noise) (counts = 381)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.56 (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.Lymph−BNHL::S.57 (no noise) (counts = 1199)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.58 (no noise) (counts = 766)
counts
Homopolymer length
Number of repeat units
Microhomology length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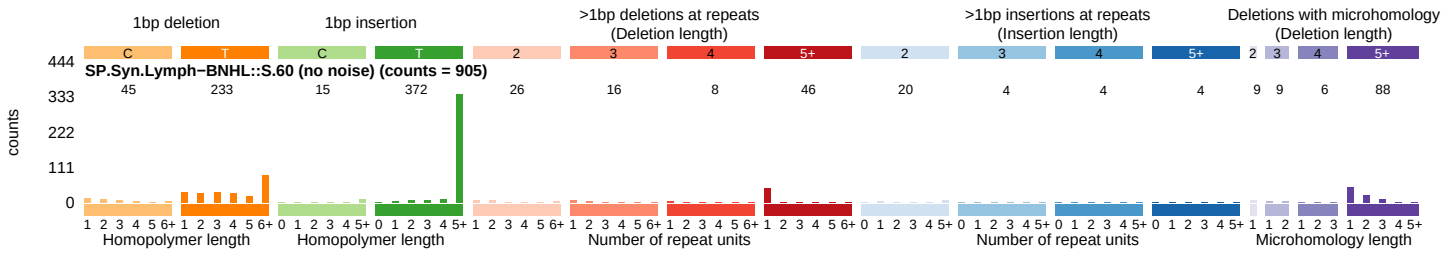
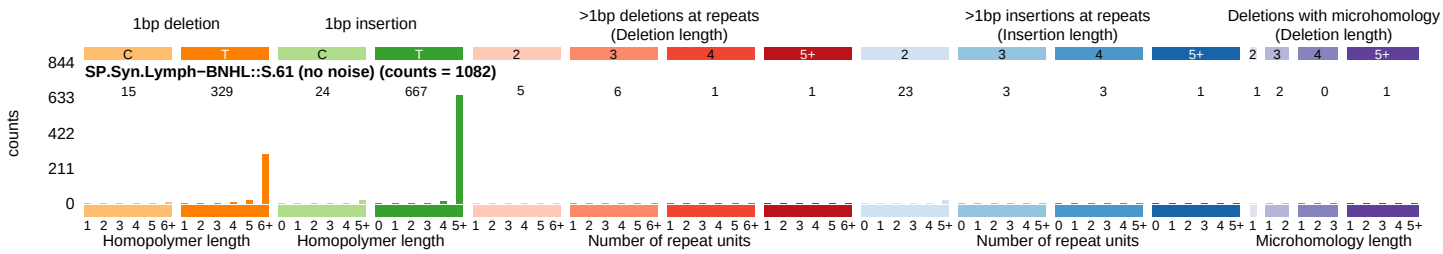
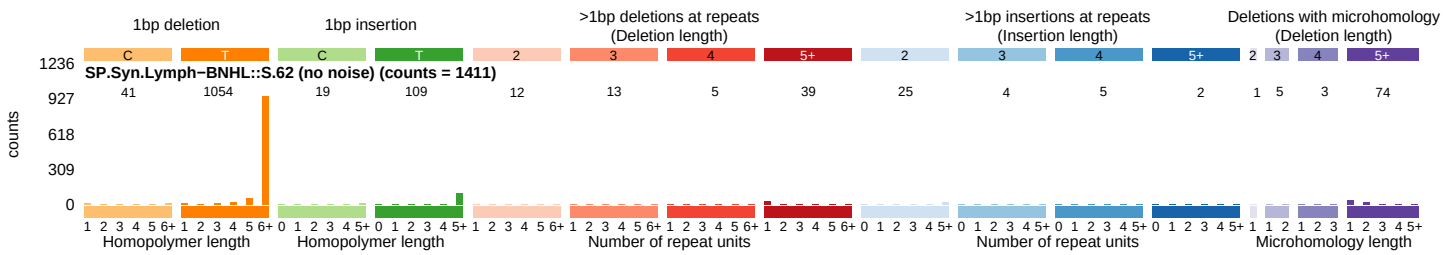
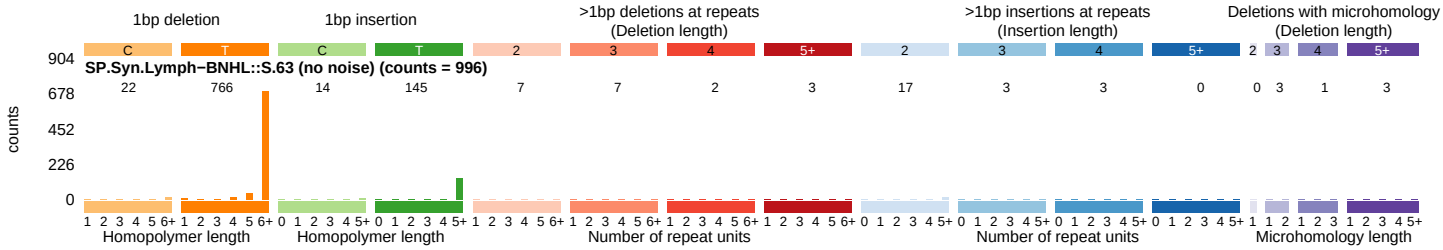
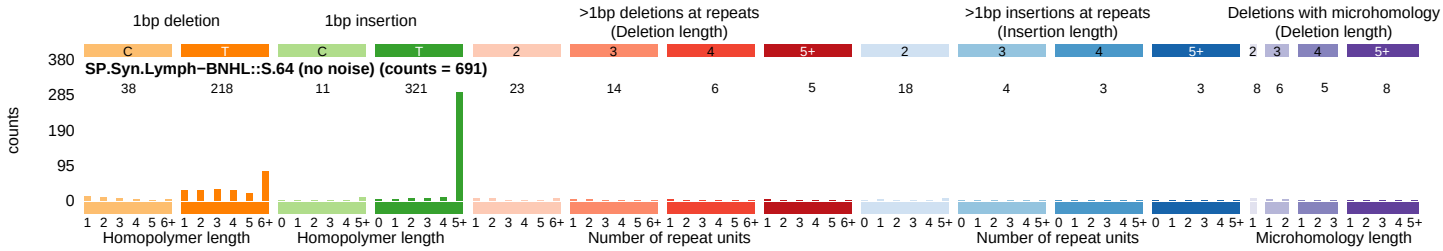
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.59 (no noise) (counts = 877)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.60 (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.Lymph−BNHL::S.61 (no noise) (counts = 1082)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.62 (no noise) (counts = 1411)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.63 (no noise) (counts = 996)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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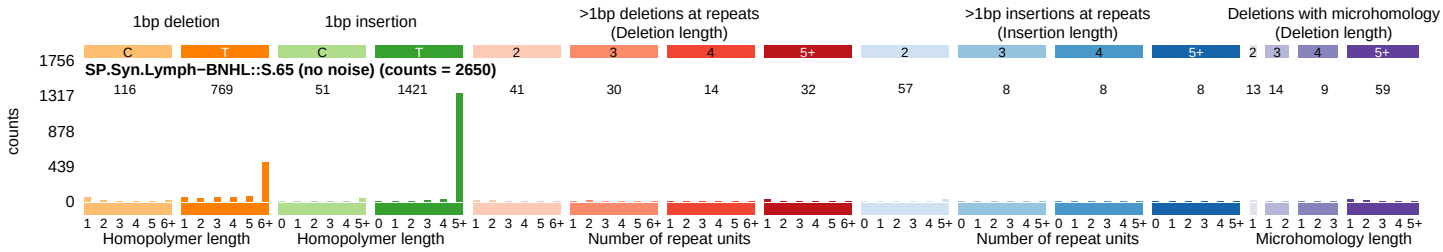
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.64 (no noise) (counts = 691)
counts
Homopolymer length
Number of repeat units
Microhomology length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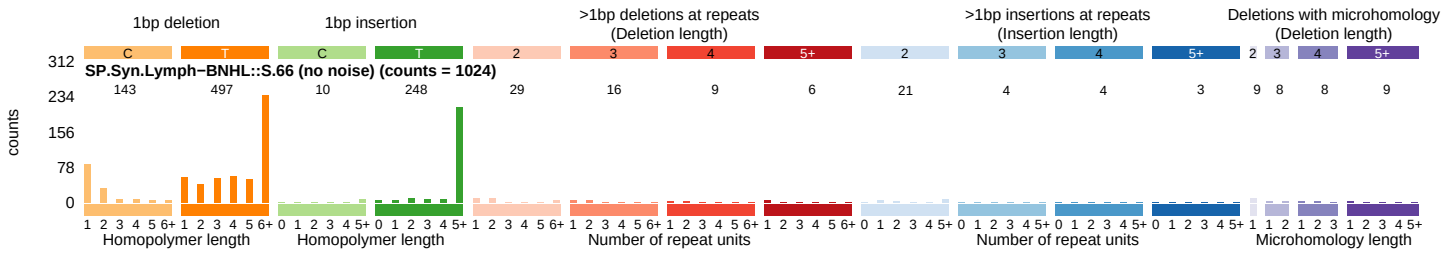
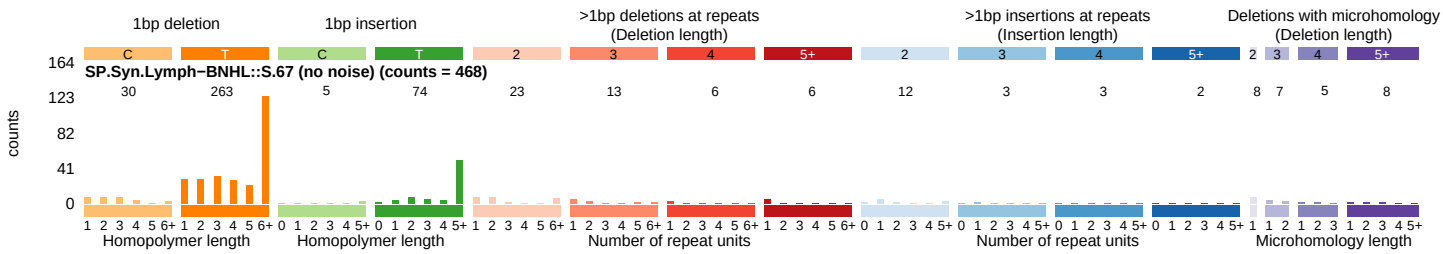
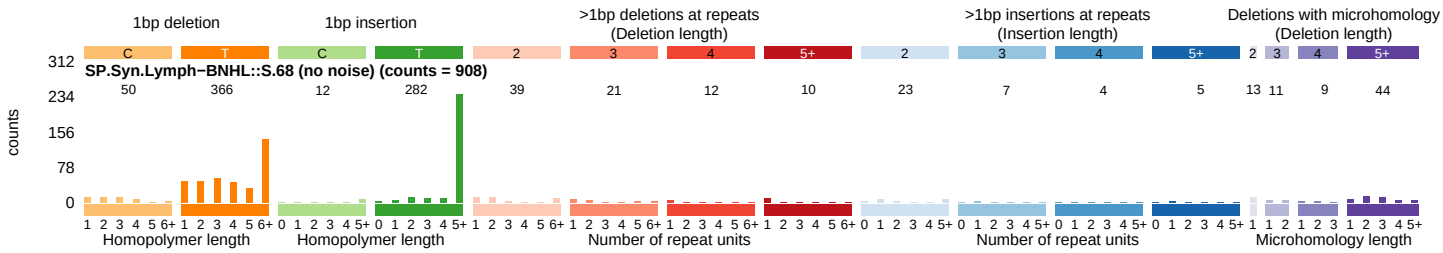
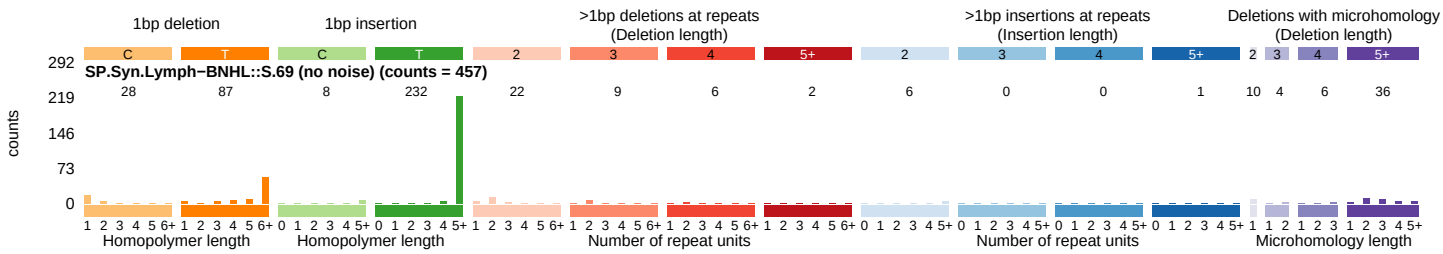
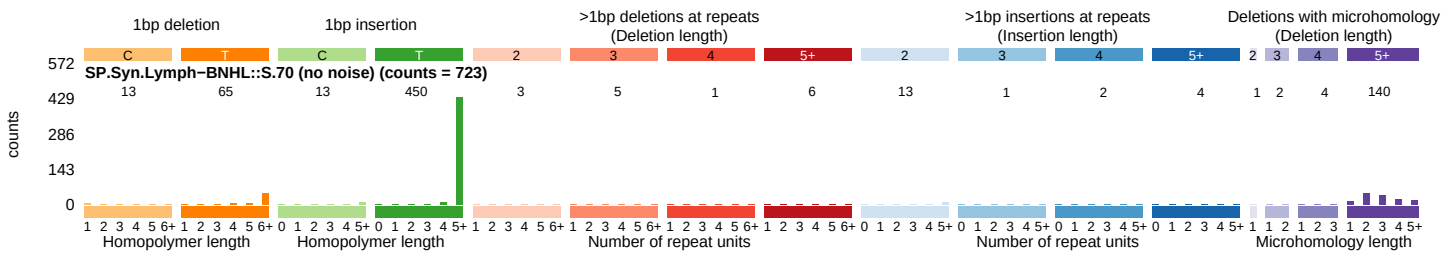
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.65 (no noise) (counts = 2650)
counts
Homopolymer length
Number of repeat units
Microhomology length

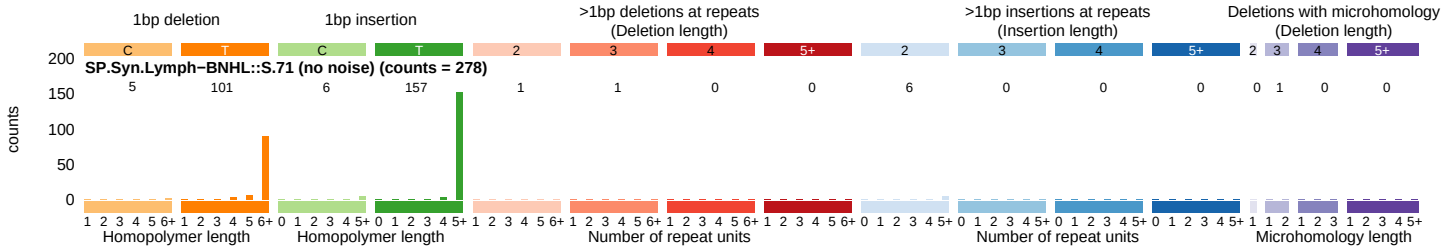

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.66 (no noise) (counts = 1024)
counts
Homopolymer length
Number of repeat units
Microhomology length

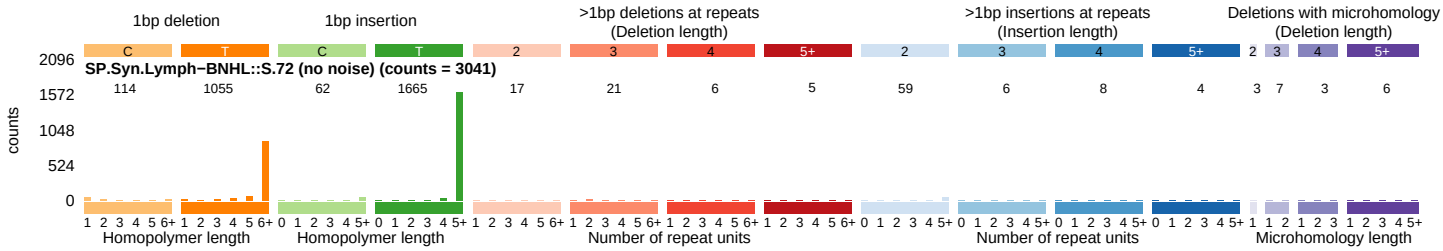

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.67 (no noise) (counts = 468)
counts
Homopolymer length
Number of repeat units
Microhomology length

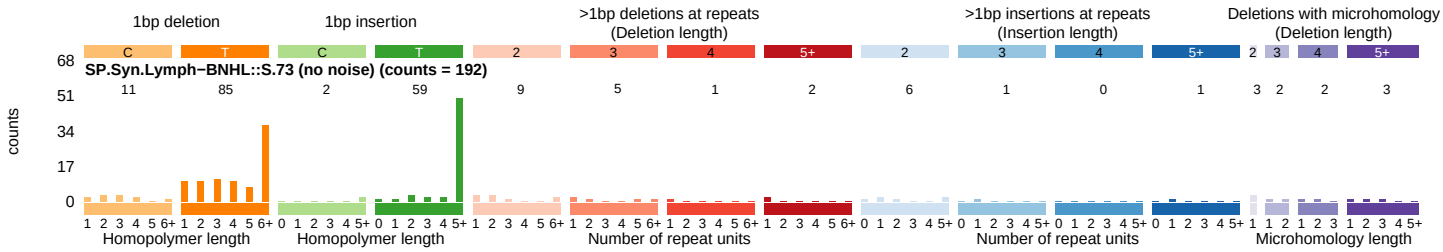

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.68 (no noise) (counts = 908)
counts
Homopolymer length
Number of repeat units
Microhomology length

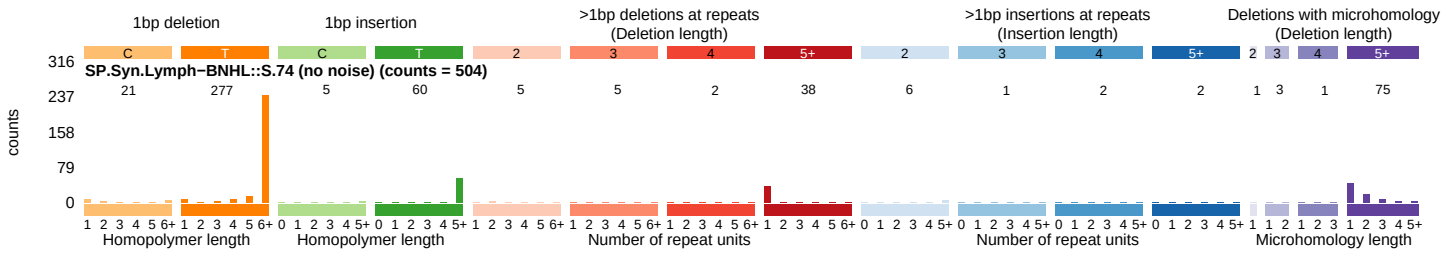

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.69 (no noise) (counts = 457)
counts
Homopolymer length
Number of repeat units
Microhomology length

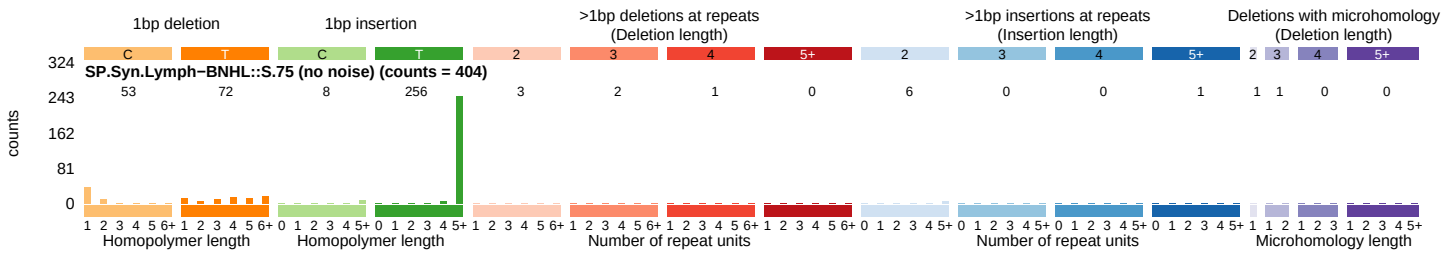

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.70 (no noise) (counts = 723)
counts
Homopolymer length
Number of repeat units
Microhomology length

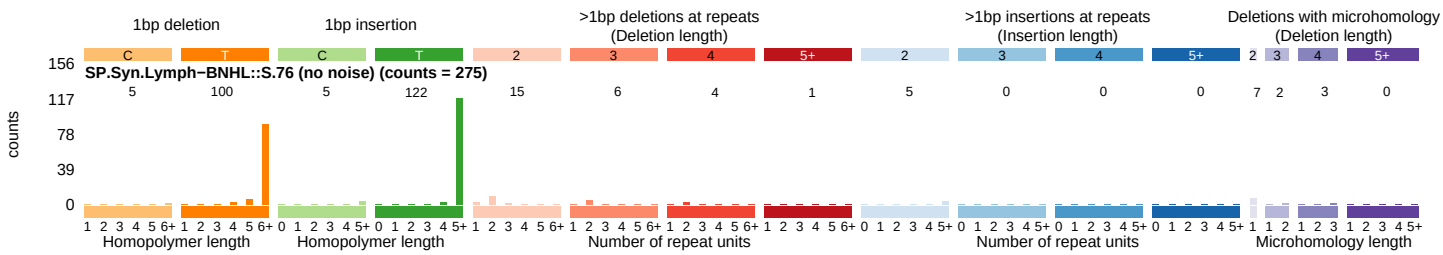

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.71 (no noise) (counts = 278)
counts
Homopolymer length
Number of repeat units
Microhomology length

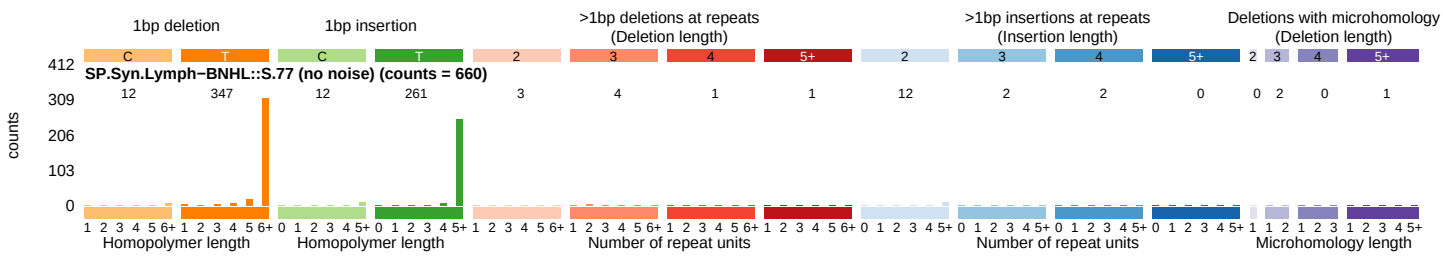

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.72 (no noise) (counts = 3041)
counts
Homopolymer length
Number of repeat units
Microhomology length

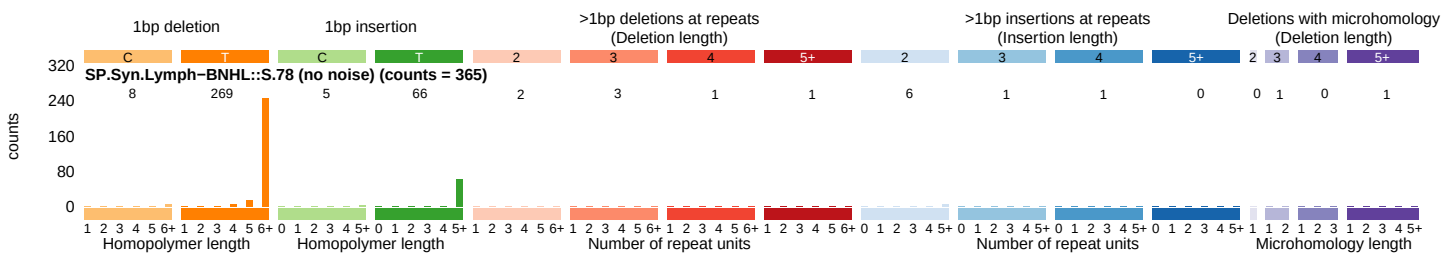

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.73 (no noise) (counts = 192)
counts
Homopolymer length
Number of repeat units
Microhomology length

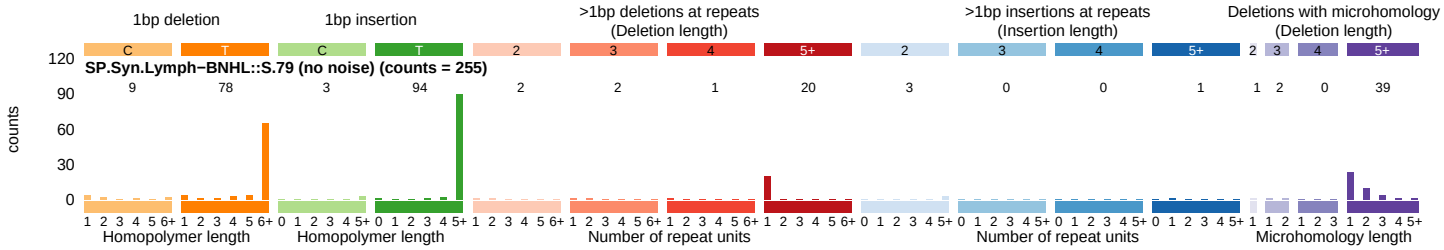

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.74 (no noise) (counts = 504)
counts
Homopolymer length
Number of repeat units
Microhomology length

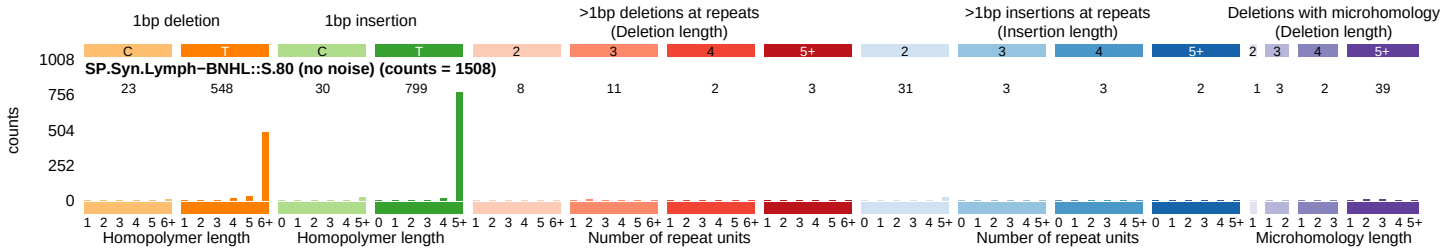

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.75 (no noise) (counts = 404)
counts
Homopolymer length
Number of repeat units
Microhomology length

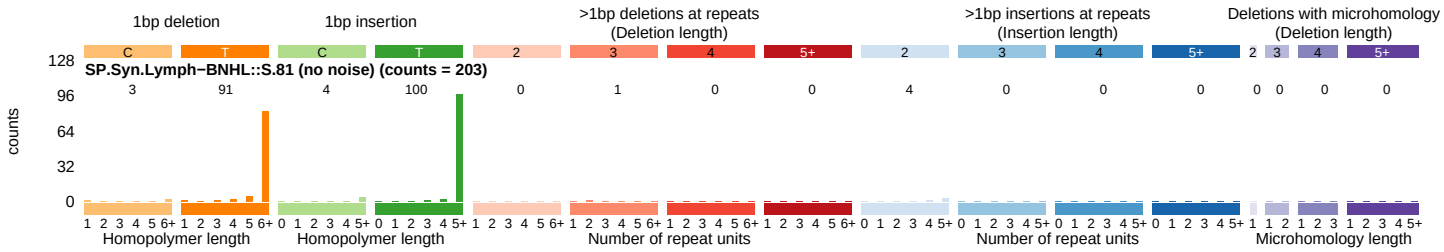

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.76 (no noise) (counts = 275)
counts
Homopolymer length
Number of repeat units
Microhomology length

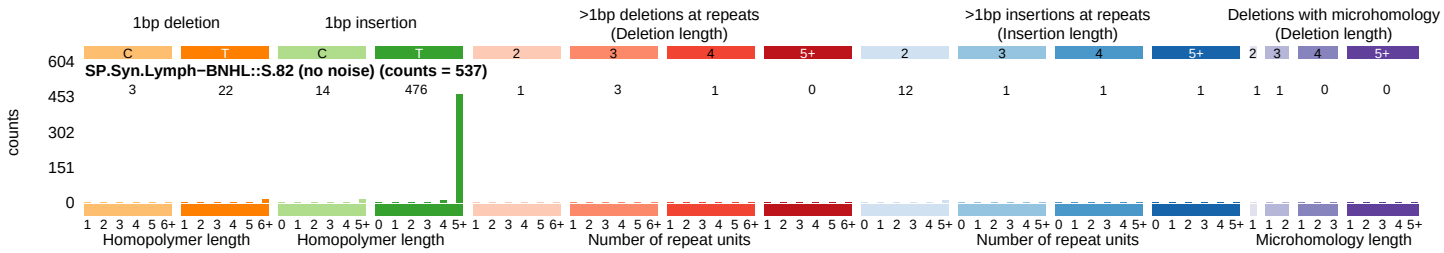

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.77 (no noise) (counts = 660)
counts
Homopolymer length
Number of repeat units
Microhomology length

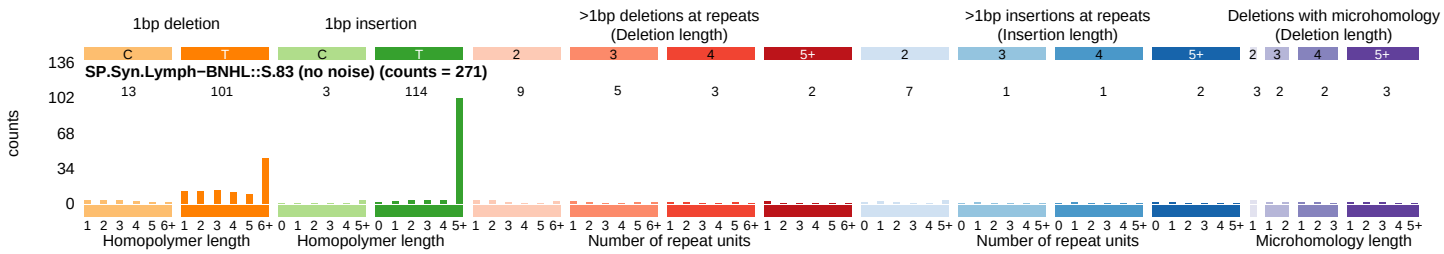

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.78 (no noise) (counts = 365)
counts
Homopolymer length
Number of repeat units
Microhomology length

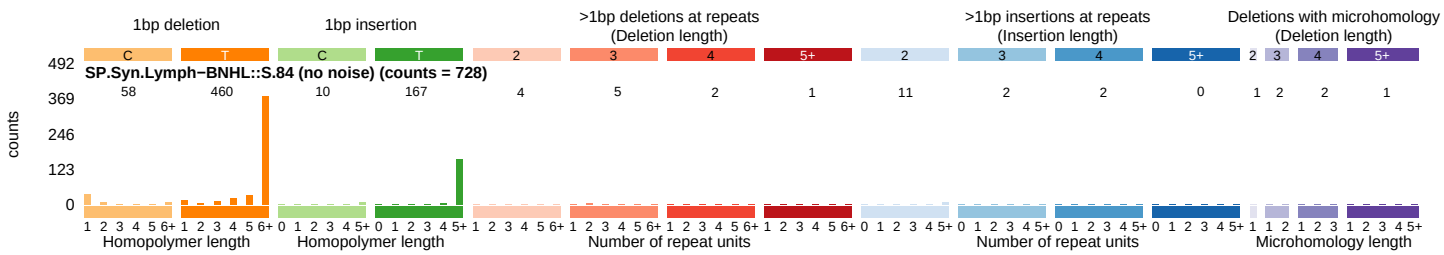

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.79 (no noise) (counts = 255)
counts
Homopolymer length
Number of repeat units
Microhomology length

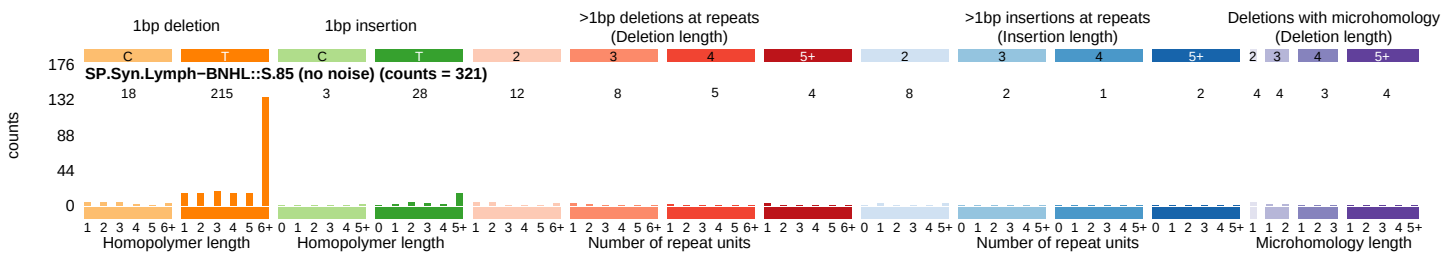

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.80 (no noise) (counts = 1508)
counts
Homopolymer length
Number of repeat units
Microhomology length

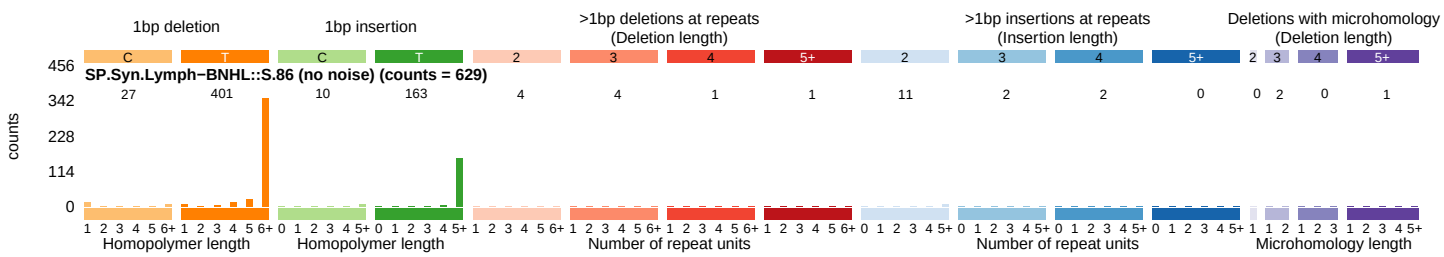

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.81 (no noise) (counts = 203)
counts
Homopolymer length
Number of repeat units
Microhomology length

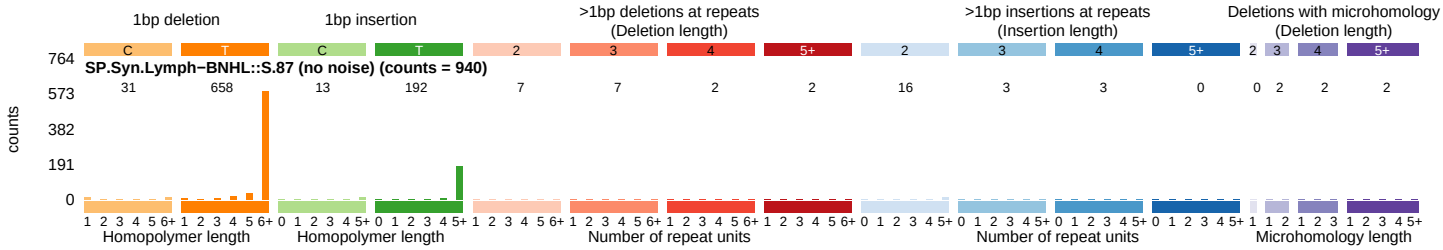

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.82 (no noise) (counts = 537)
counts
Homopolymer length
Number of repeat units
Microhomology length

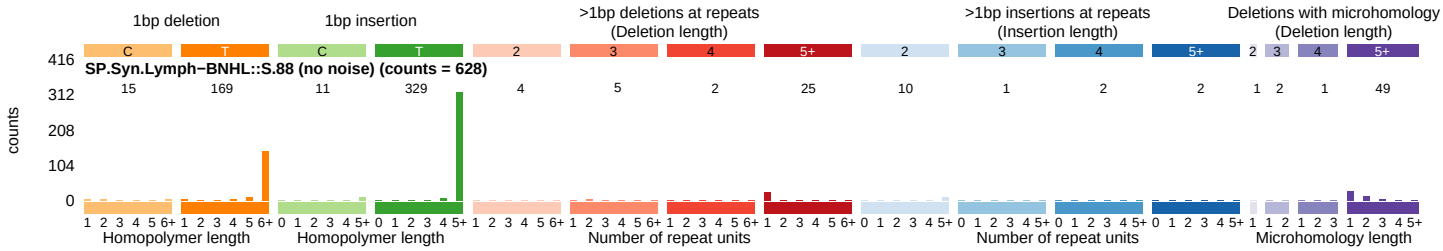

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.83 (no noise) (counts = 271)
counts
Homopolymer length
Number of repeat units
Microhomology length

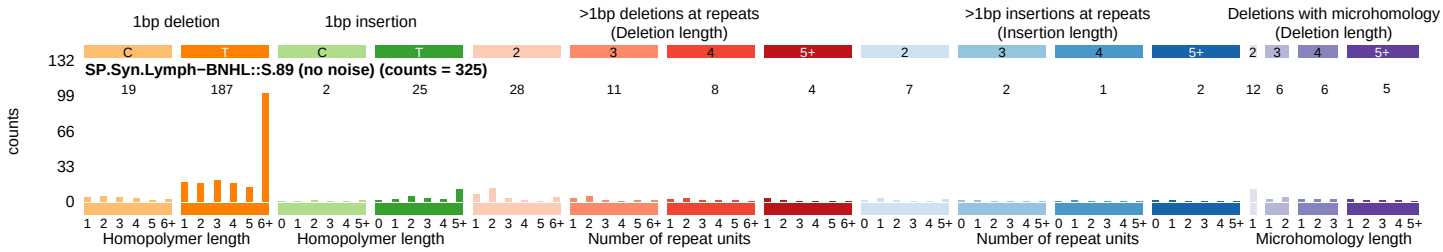

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.84 (no noise) (counts = 728)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.85 (no noise) (counts = 321)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.86 (no noise) (counts = 629)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.87 (no noise) (counts = 940)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
31 658 13 192 7 7 2 2 16 3 3 0 0 2 2 2
counts
764 573 382 191 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.Lymph−BNHL::S.88 (no noise) (counts = 628)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
15 169 11 329 4 5 2 25 10 1 2 2 1 2 1 49
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 insertion
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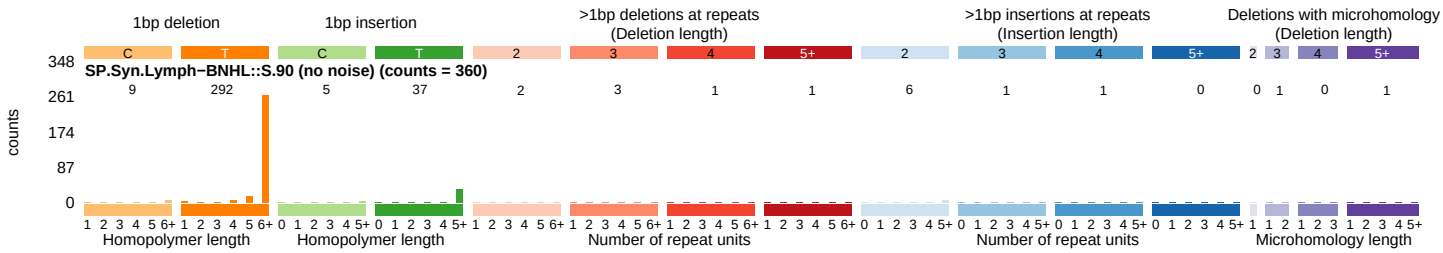
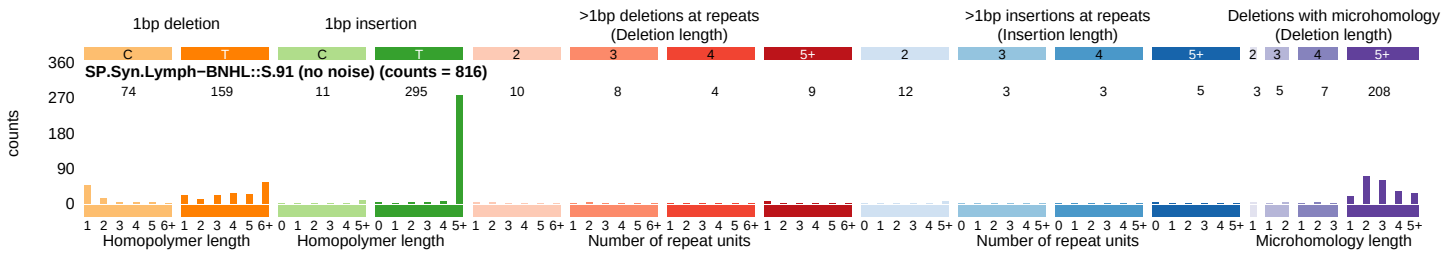
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.89 (no noise) (counts = 325)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
19 187 2 25 28 11 8 4 7 2 1 2 12 6 6 5
counts
132 99 66 33 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.90 (no noise) (counts = 360)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
9 292 5 37 2 3 1 1 6 1 1 0 0 1 0 1
counts
348 261 174 87 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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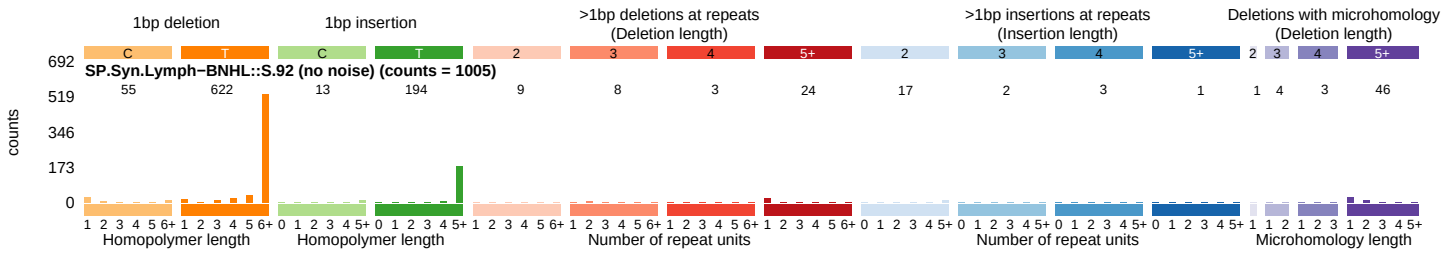
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.91 (no noise) (counts = 816)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
74 159 11 295 10 8 4 9 12 3 3 5 3 5 7 208
counts
360 270 180 90 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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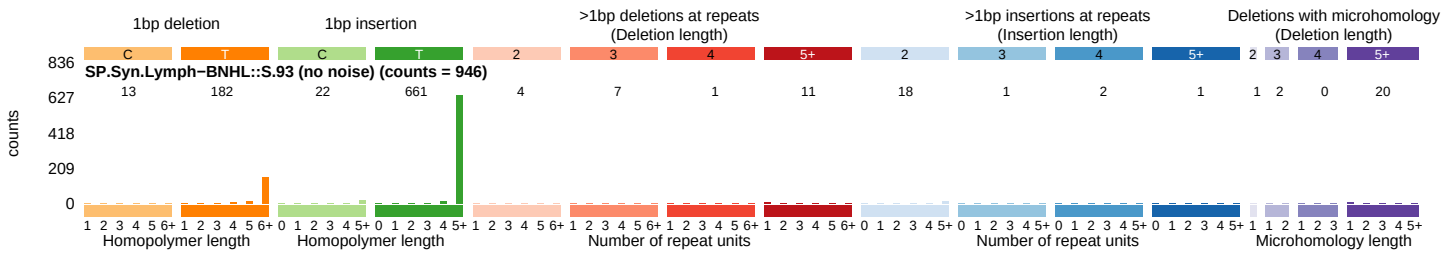
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.92 (no noise) (counts = 1005)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
55 622 13 194 9 8 3 24 17 2 3 1 1 4 3 46
counts
692 519 346 173 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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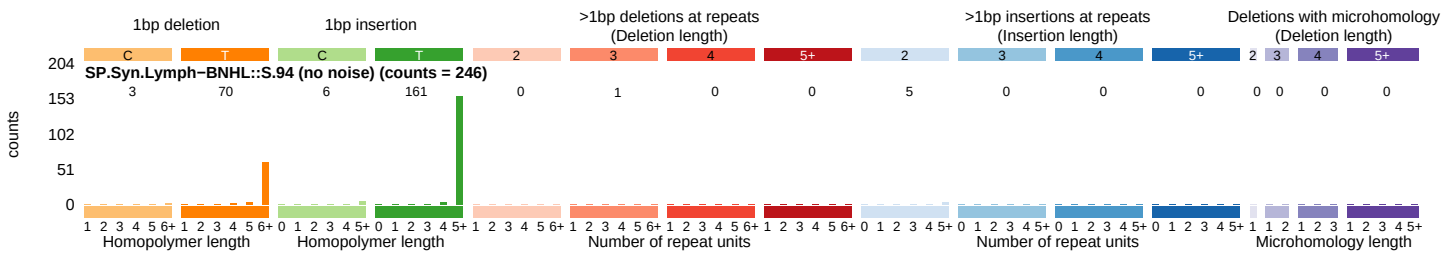
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.93 (no noise) (counts = 946)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
13 182 22 661 4 7 1 11 18 1 2 1 1 2 0 20
counts
836 627 418 209 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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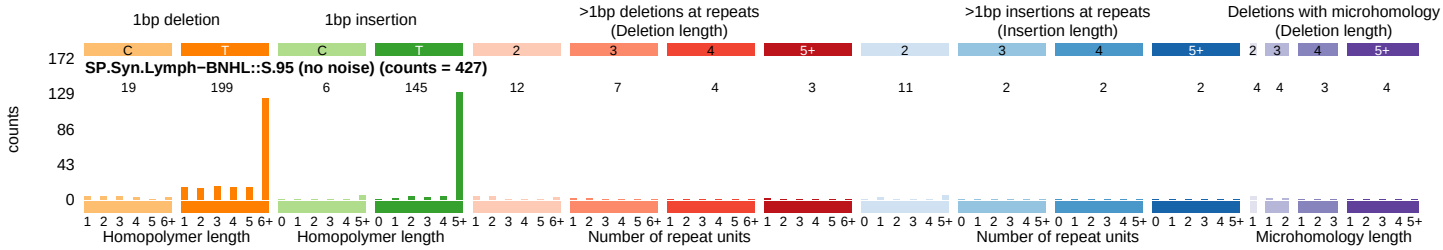
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.94 (no noise) (counts = 246)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
3 70 6 161 0 1 0 0 5 0 0 0 0 0 0 0
counts
204 153 102 51 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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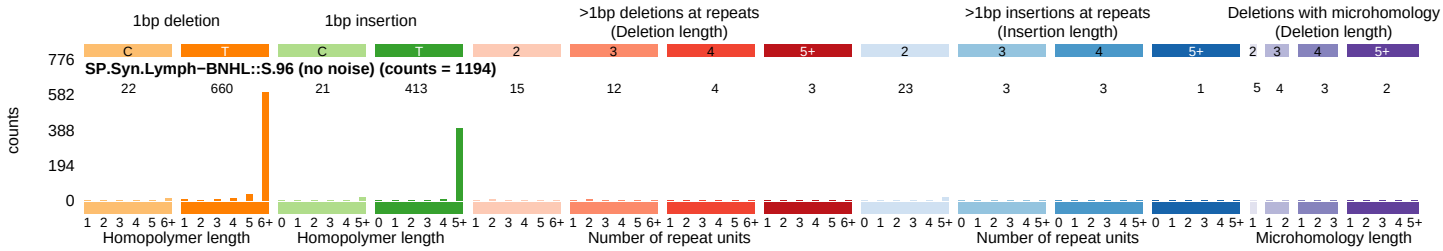
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.95 (no noise) (counts = 427)
counts
Homopolymer length
Number of repeat units
Microhomology length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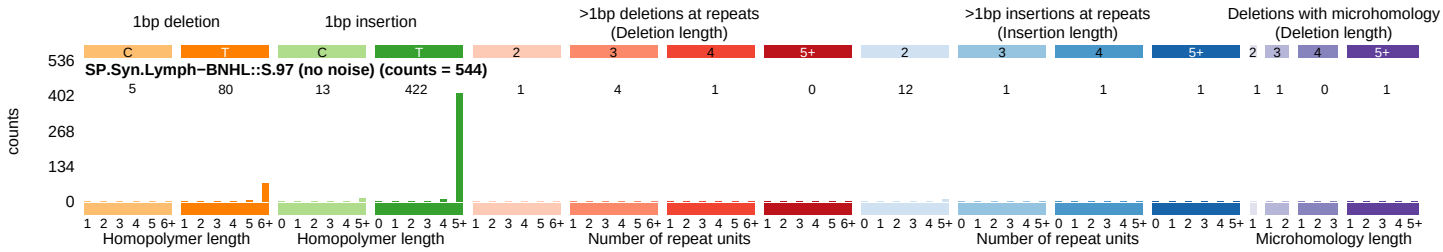
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.96 (no noise) (counts = 1194)
counts
Homopolymer length
Number of repeat units
Microhomology length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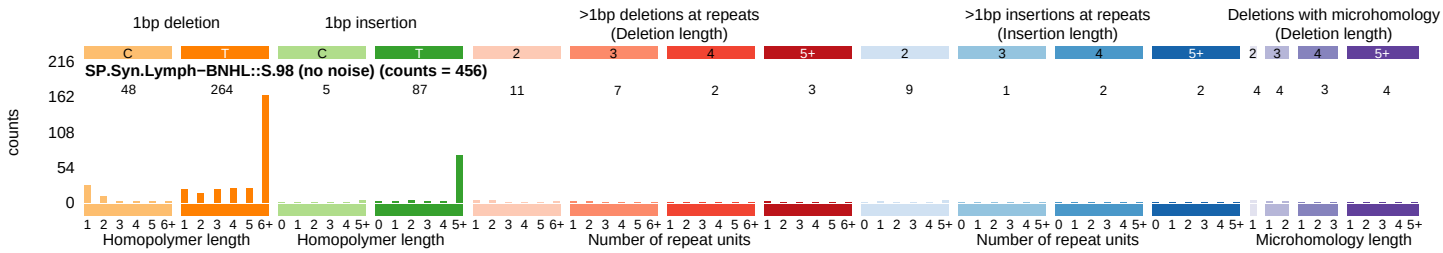
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.97 (no noise) (counts = 544)
counts
Homopolymer length
Number of repeat units
Microhomology length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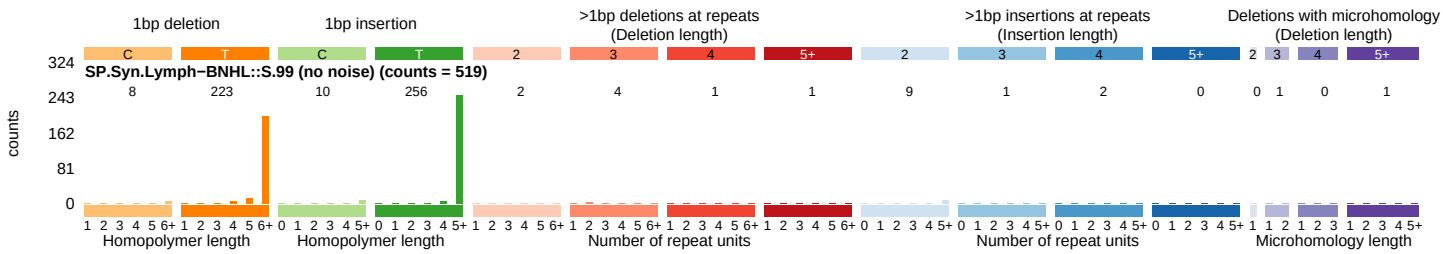
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.98 (no noise) (counts = 456)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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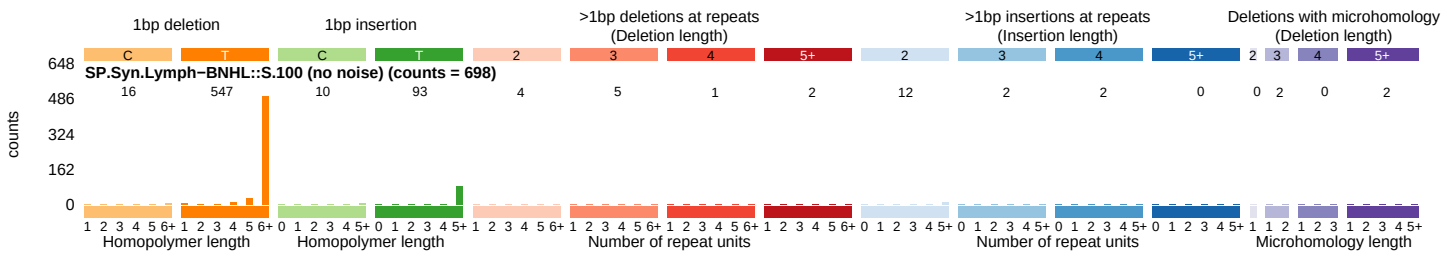
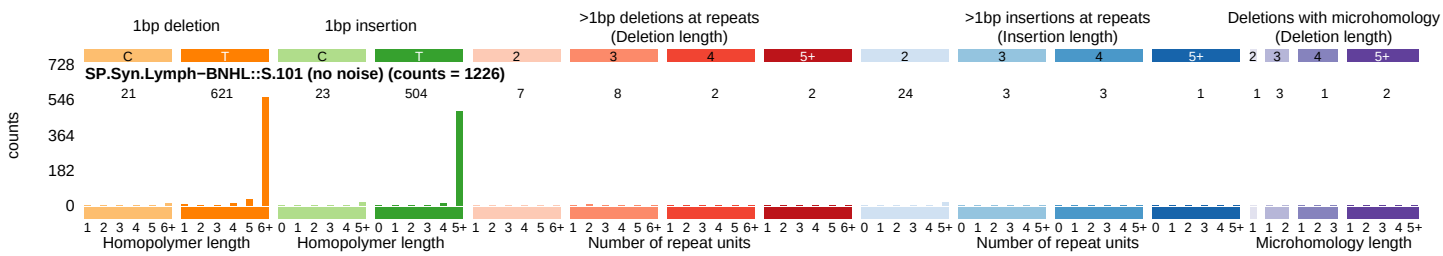
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.99 (no noise) (counts = 519)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.100 (no noise) (counts = 698)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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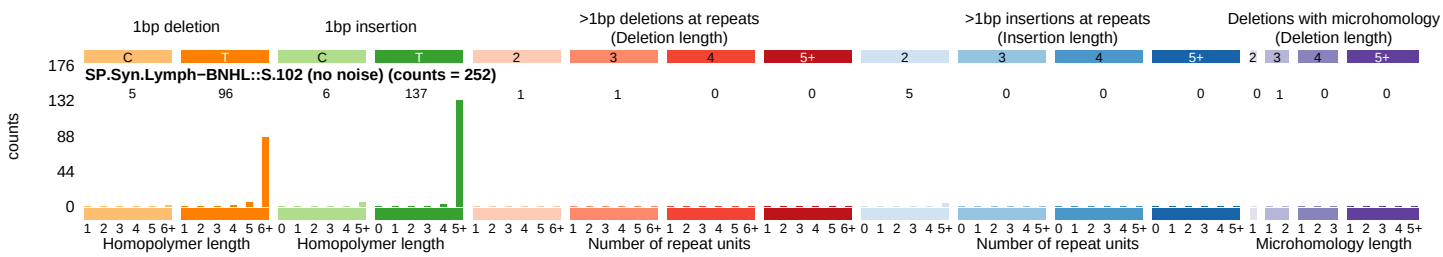
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.101 (no noise) (counts = 1226)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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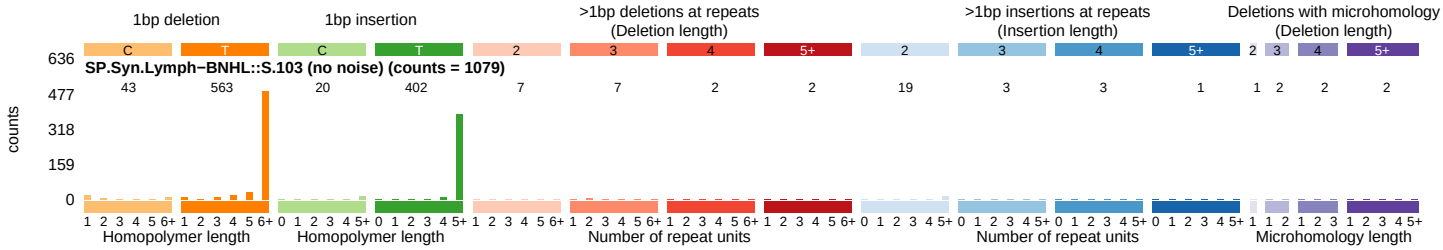
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.102 (no noise) (counts = 252)
counts
Homopolymer length
Number of repeat units
Microhomology length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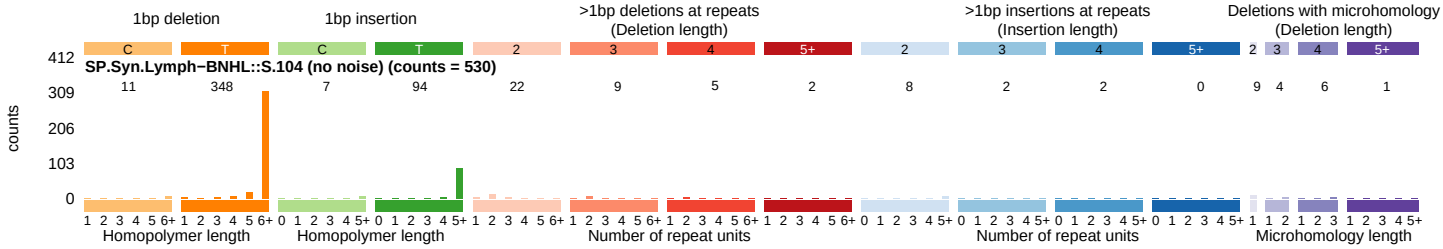
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.103 (no noise) (counts = 1079)
counts
Homopolymer length
Number of repeat units
Microhomology length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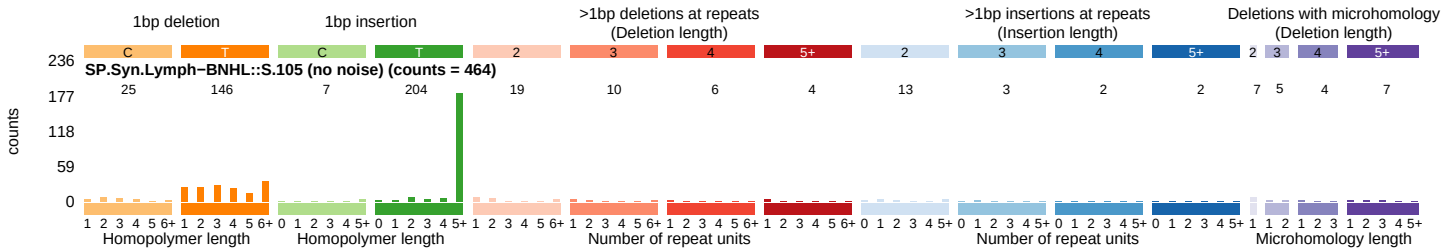
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.104 (no noise) (counts = 530)
counts
Homopolymer length
Number of repeat units
Microhomology length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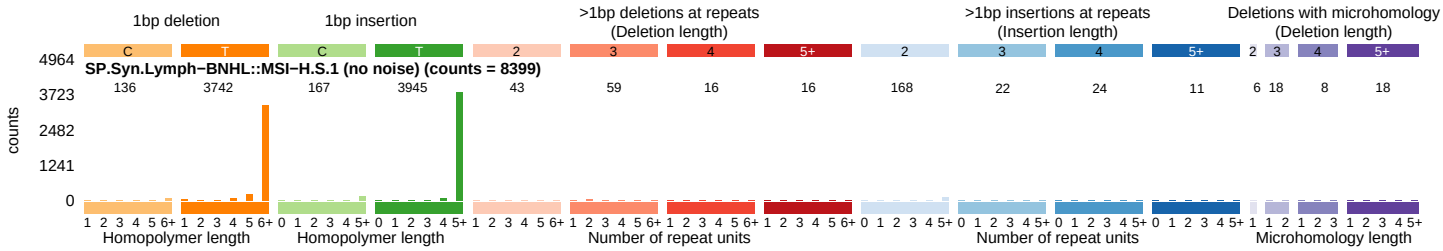
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.105 (no noise) (counts = 464)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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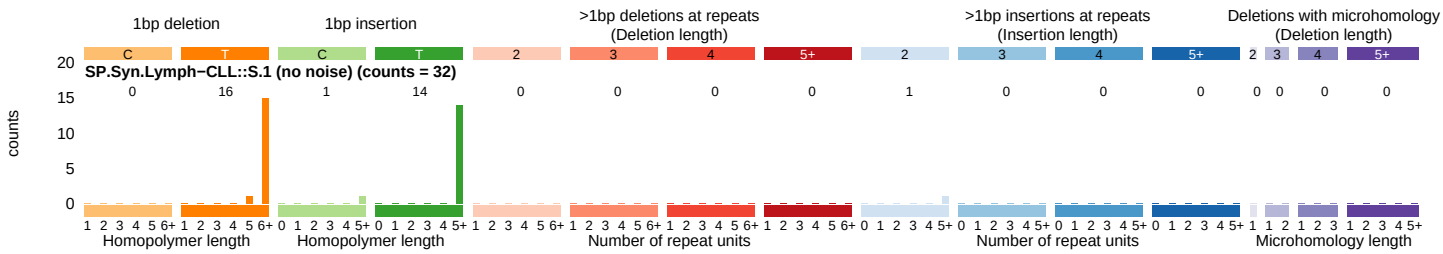
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::MSI−H.S.1 (no noise) (counts = 8399)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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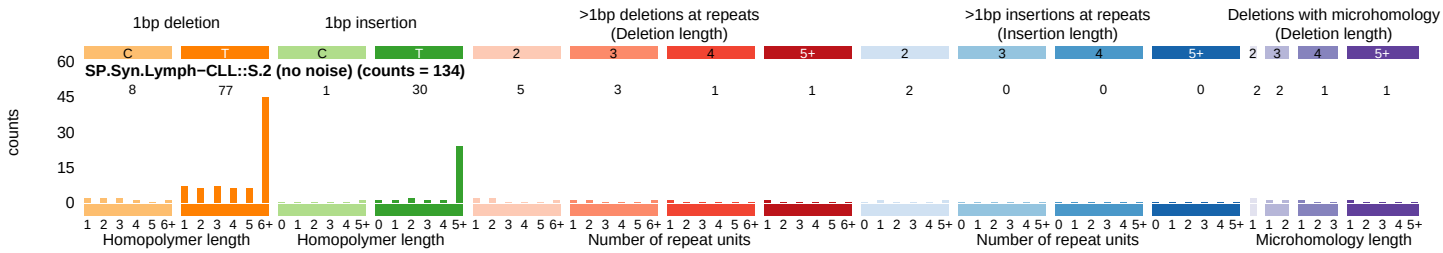
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.1 (no noise) (counts = 32)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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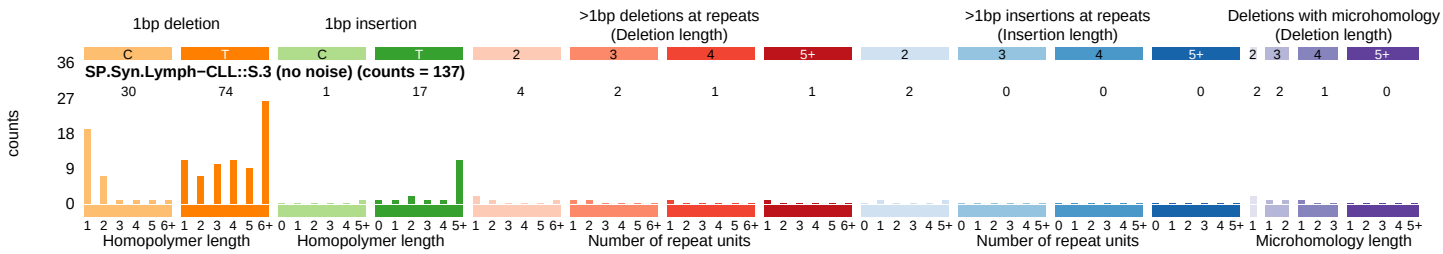
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.2 (no noise) (counts = 134)
counts
Homopolymer length
Number of repeat units
Microhomology length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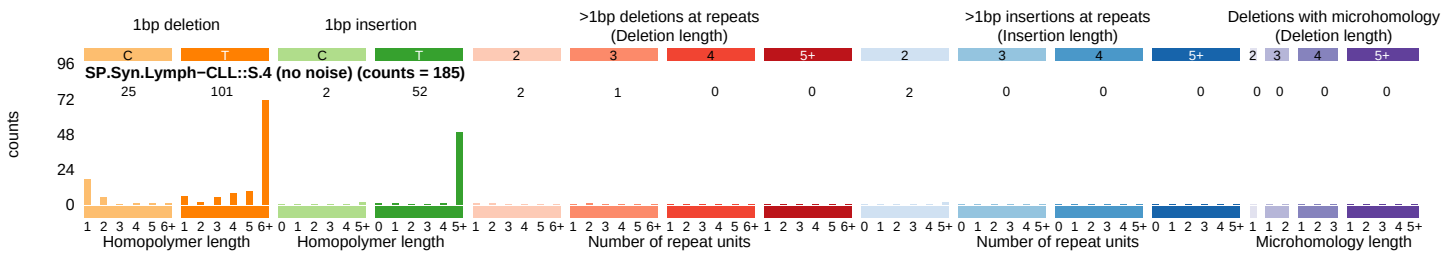
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.3 (no noise) (counts = 137)
counts
Homopolymer length
Number of repeat units
Microhomology length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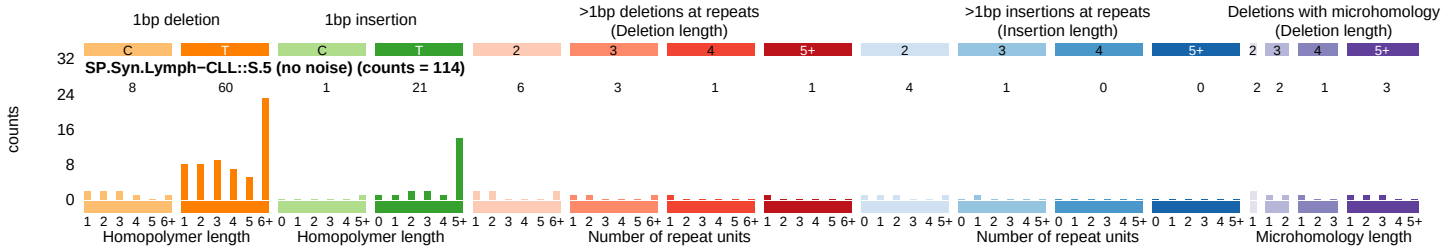
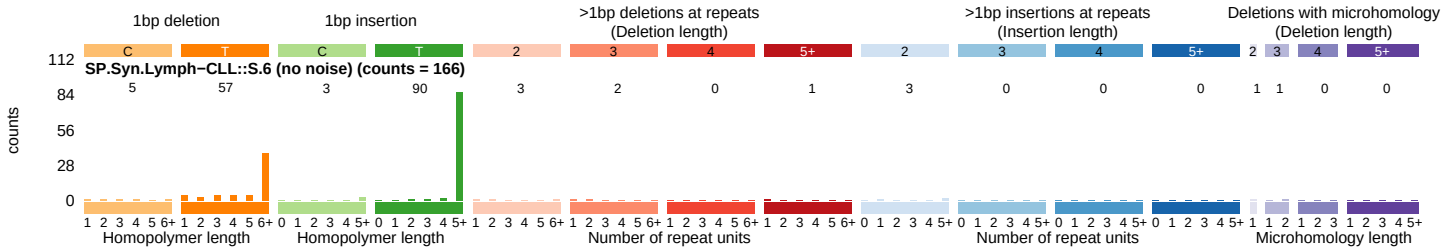
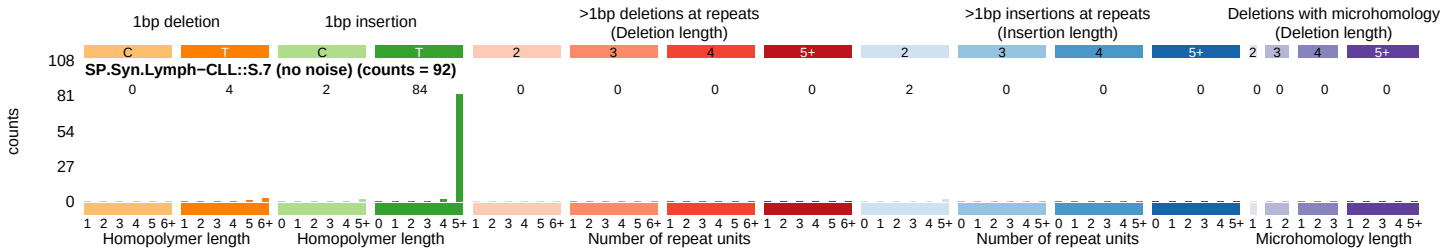
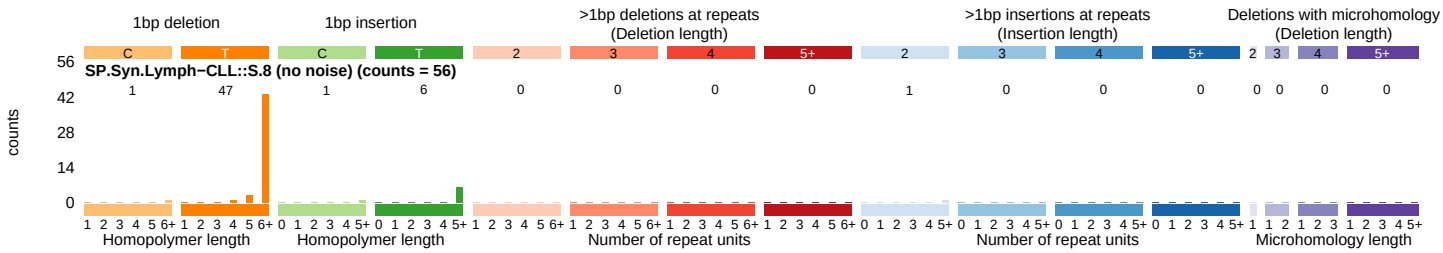
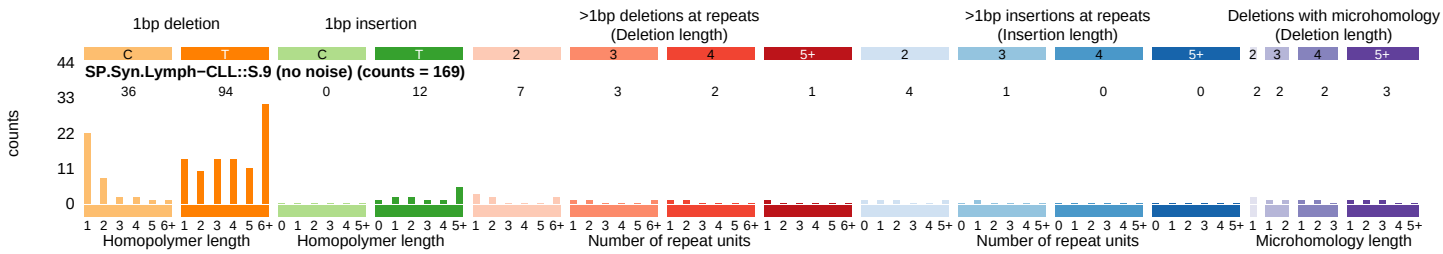
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.4 (no noise) (counts = 185)
counts
Homopolymer length
Number of repeat units
Microhomology length

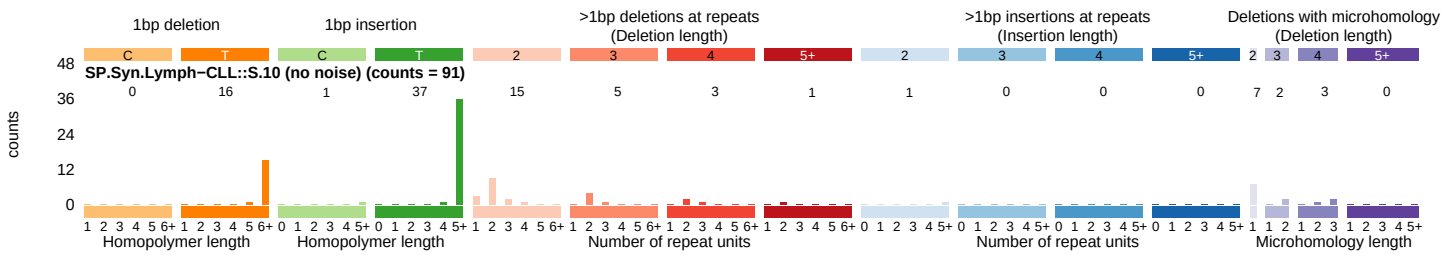

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−CLL::S.5 (no noise) (counts = 114)
8 60 1 21 6 3 1 1 4 1 0 0 2 2 1 3
counts
Homopolymer length
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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−CLL::S.6 (no noise) (counts = 166)
5 57 3 90 3 2 0 1 3 0 0 0 1 1 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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−CLL::S.7 (no noise) (counts = 92)
0 4 2 84 0 0 0 0 2 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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−CLL::S.8 (no noise) (counts = 56)
1 47 1 6 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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−CLL::S.9 (no noise) (counts = 169)
36 94 0 12 7 3 2 1 4 1 0 0 2 2 2 3
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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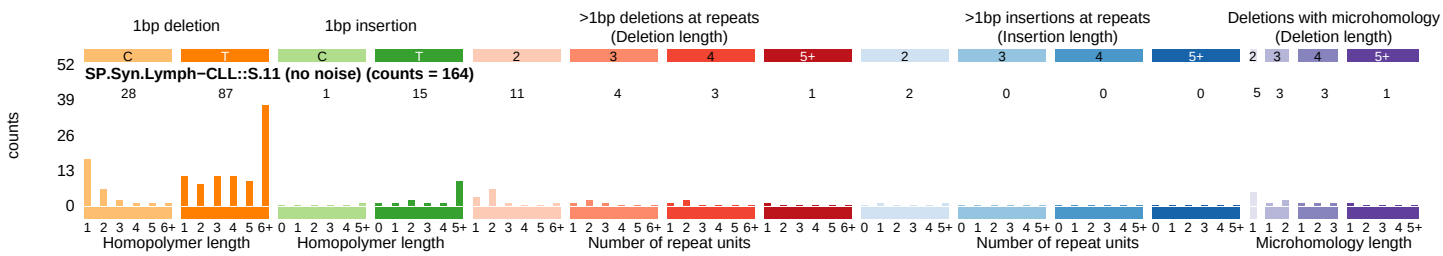
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−CLL::S.10 (no noise) (counts = 91)
0 16 1 37 15 5 3 1 1 0 0 0 7 2 3 0
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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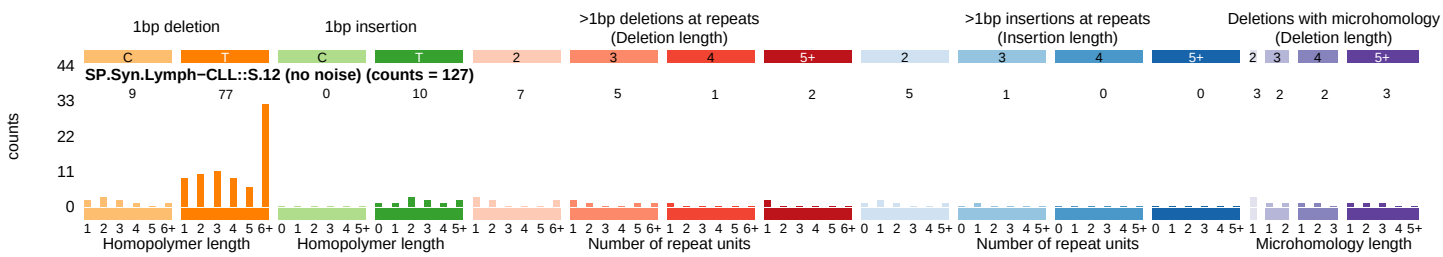
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−CLL::S.11 (no noise) (counts = 164)
28 87 1 15 11 4 3 1 2 0 0 0 5 3 3 1
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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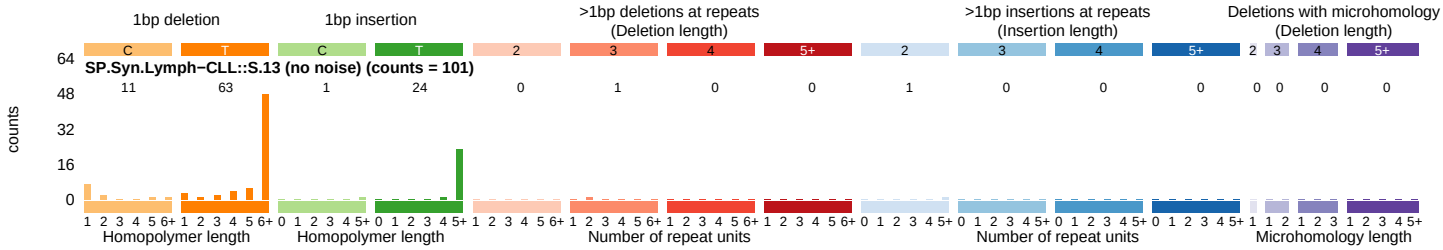
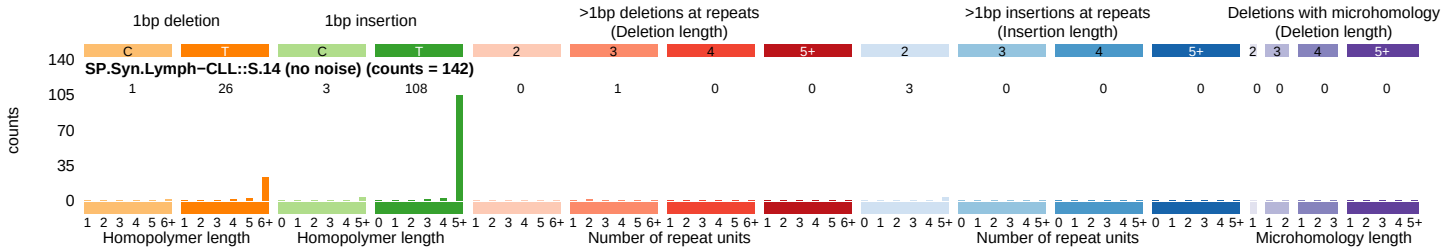
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−CLL::S.12 (no noise) (counts = 127)
9 77 0 10 7 5 1 2 5 1 0 0 3 2 2 3
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.13 (no noise) (counts = 101)
counts
Homopolymer length
Number of repeat units
Microhomology length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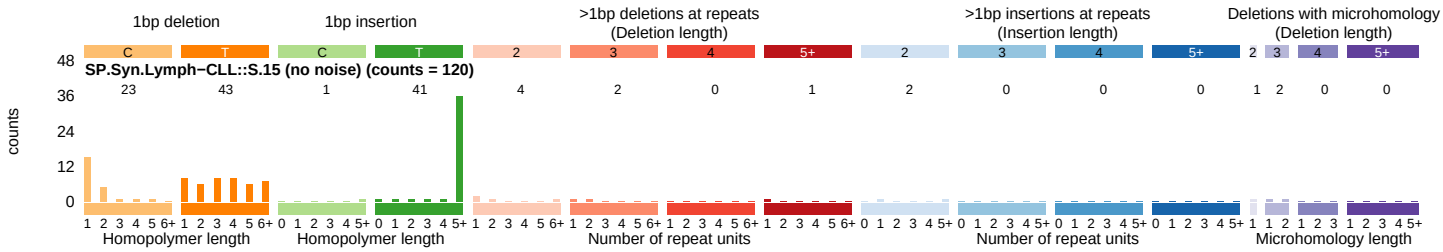
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.14 (no noise) (counts = 142)
counts
Homopolymer length
Number of repeat units
Microhomology length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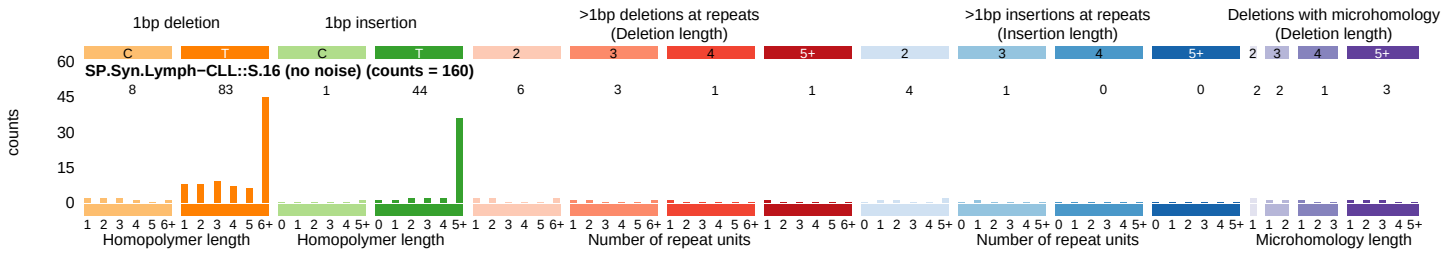
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.15 (no noise) (counts = 120)
counts
Homopolymer length
Number of repeat units
Microhomology length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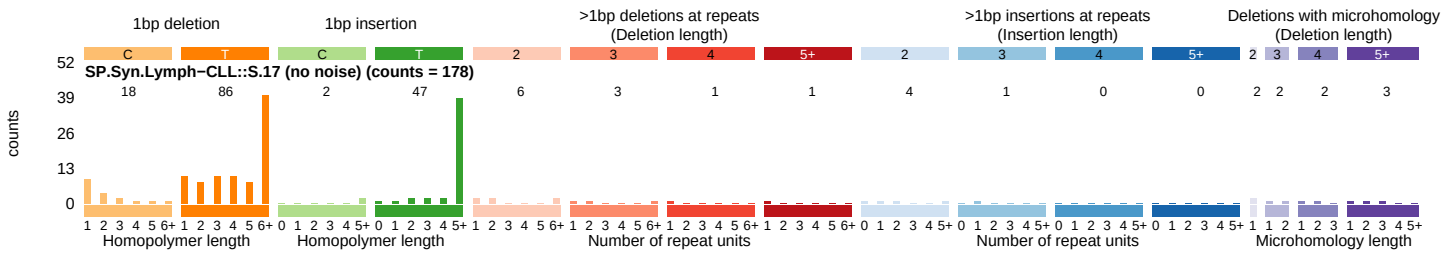
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.16 (no noise) (counts = 160)
counts
Homopolymer length
Number of repeat units
Microhomology length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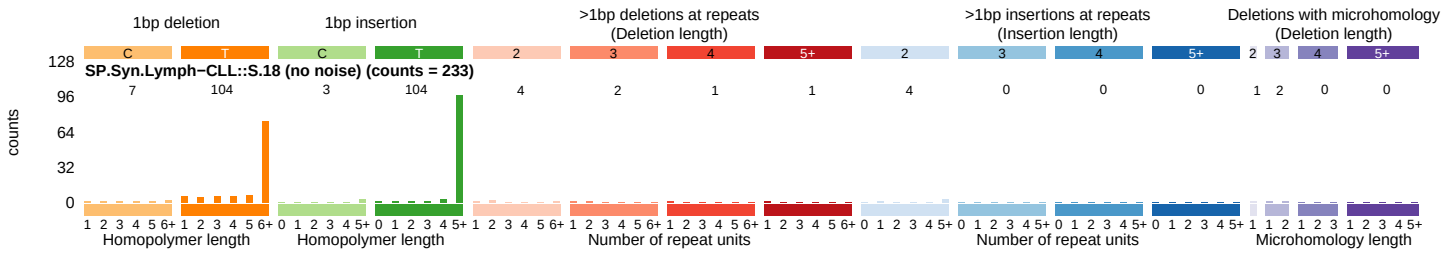
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.17 (no noise) (counts = 178)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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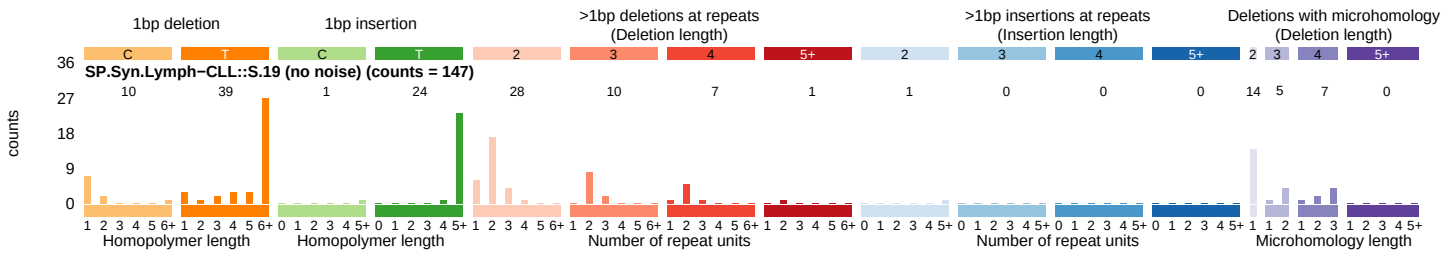
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.18 (no noise) (counts = 233)
counts
Homopolymer length
Number of repeat units
Microhomology length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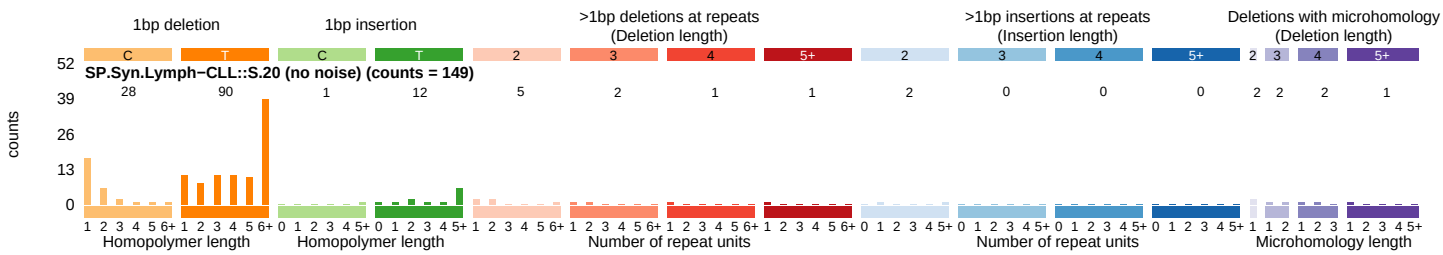
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.19 (no noise) (counts = 147)
counts
Homopolymer length
Number of repeat units
Microhomology length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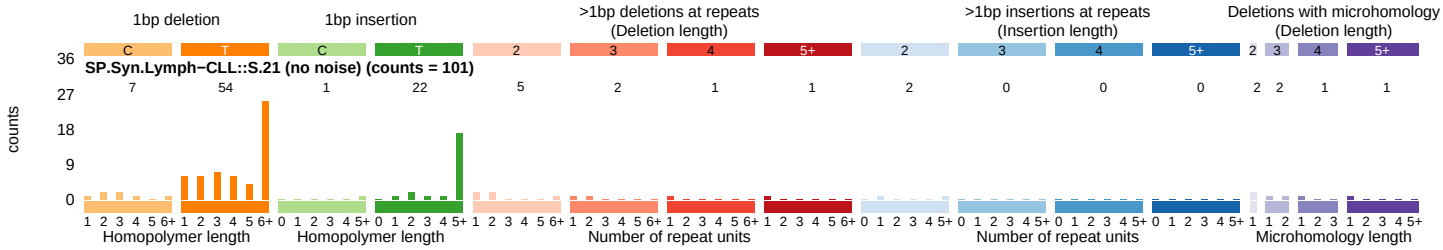
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.20 (no noise) (counts = 149)
counts
Homopolymer length
Number of repeat units
Microhomology length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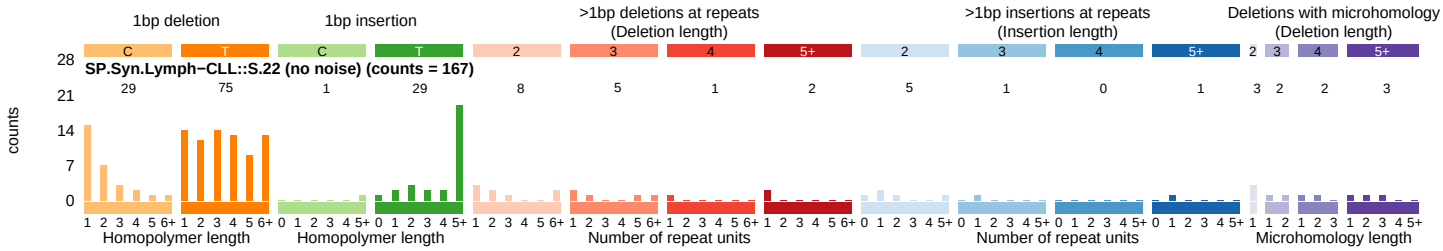
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.21 (no noise) (counts = 101)
counts
Homopolymer length
Number of repeat units
Microhomology length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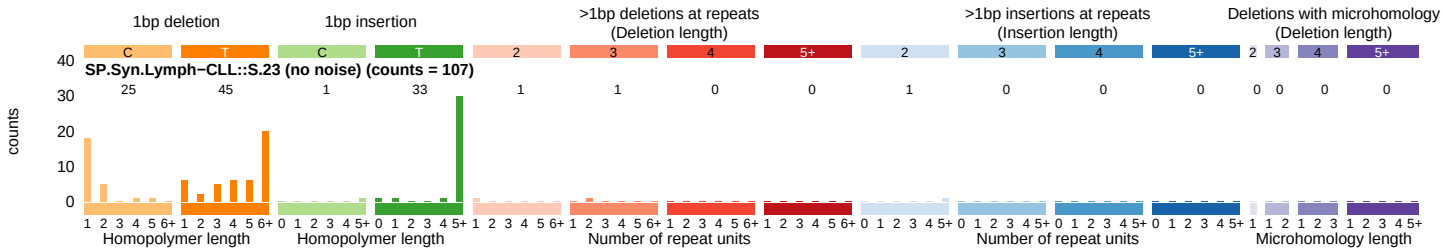
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.22 (no noise) (counts = 167)
counts
Homopolymer length
Number of repeat units
Microhomology length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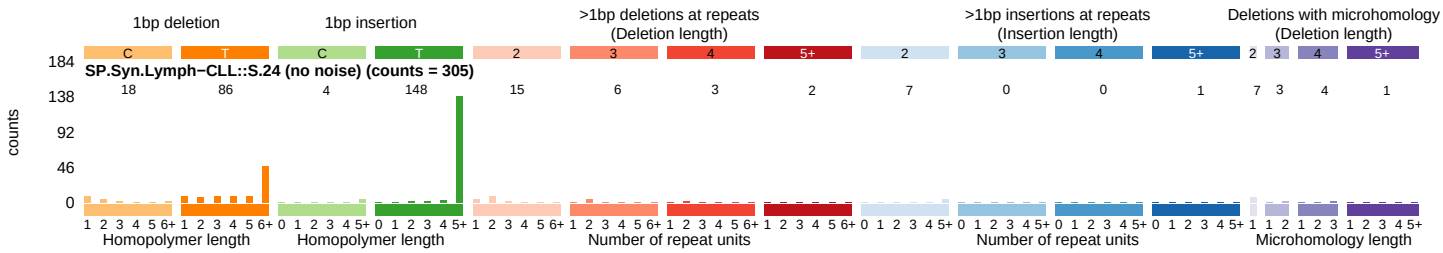
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.23 (no noise) (counts = 107)
counts
Homopolymer length
Number of repeat units
Microhomology length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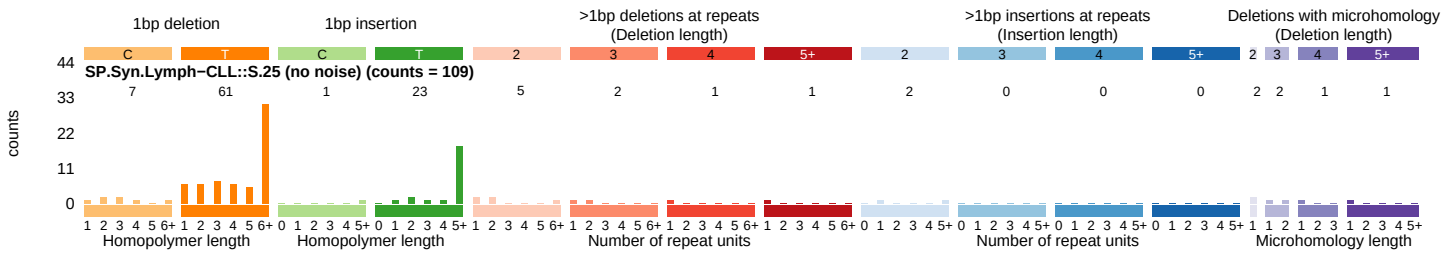
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.24 (no noise) (counts = 305)
counts
Homopolymer length
Number of repeat units
Microhomology length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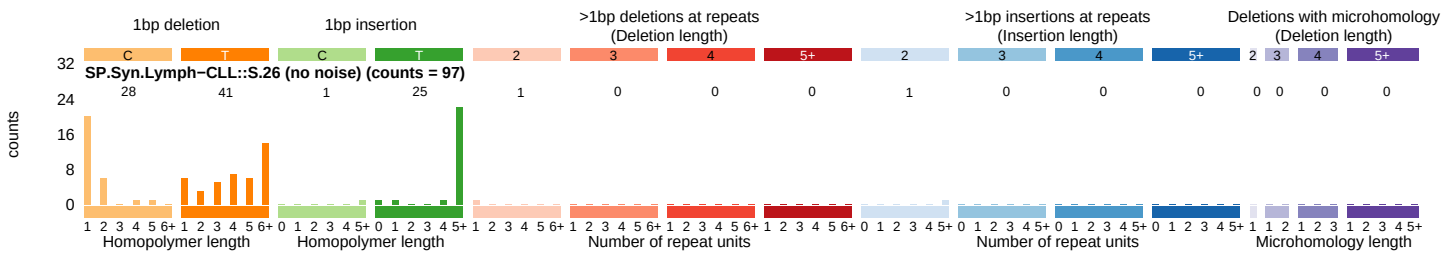
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.25 (no noise) (counts = 109)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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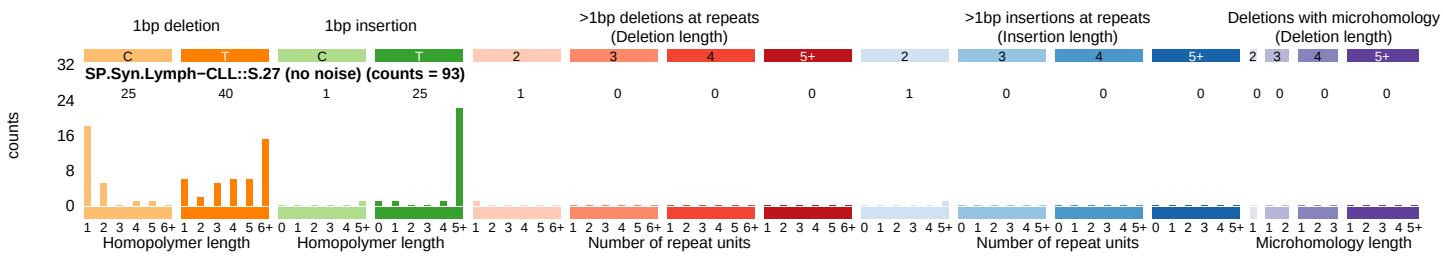
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.26 (no noise) (counts = 97)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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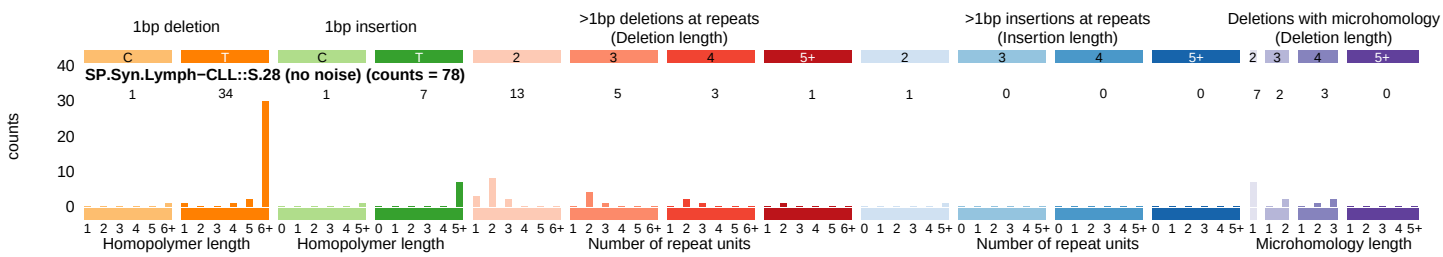
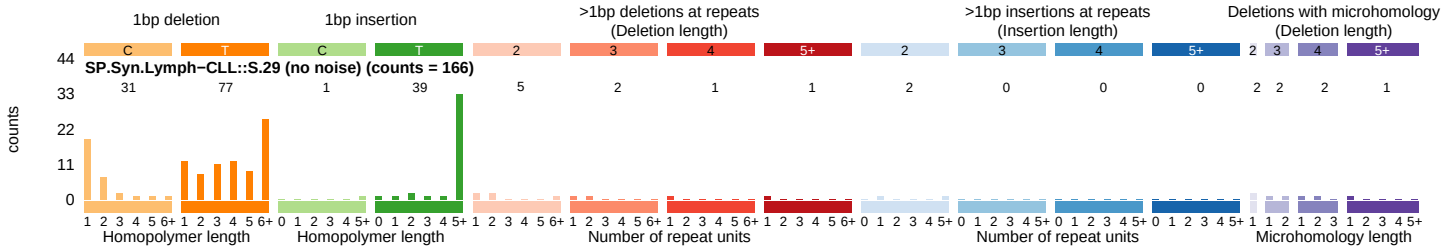
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.27 (no noise) (counts = 93)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.28 (no noise) (counts = 78)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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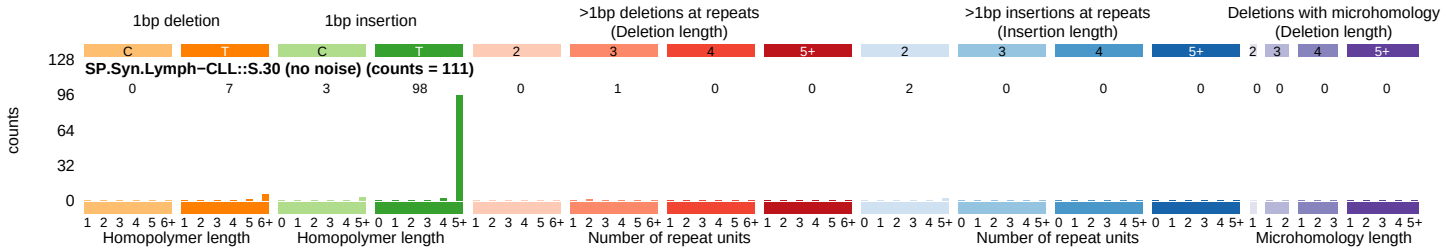
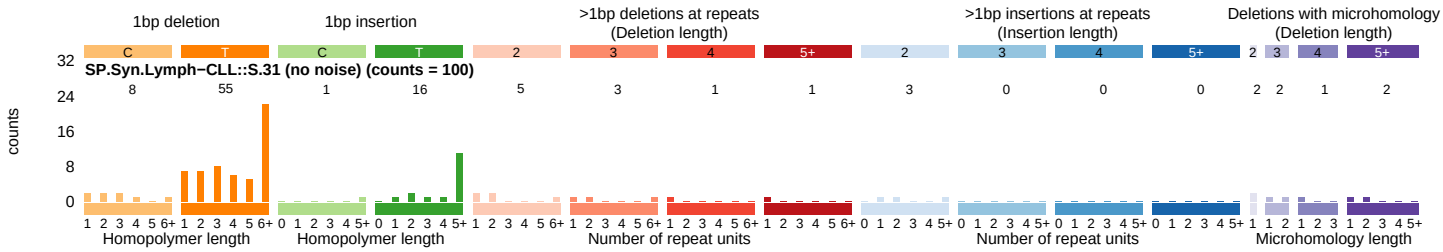
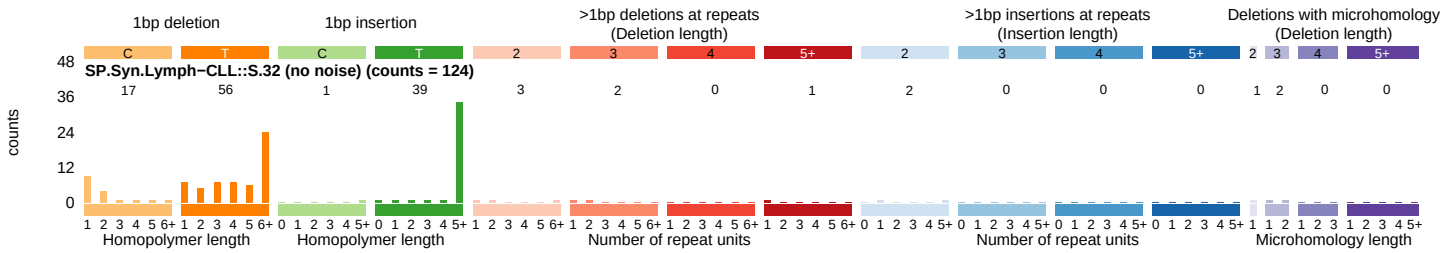
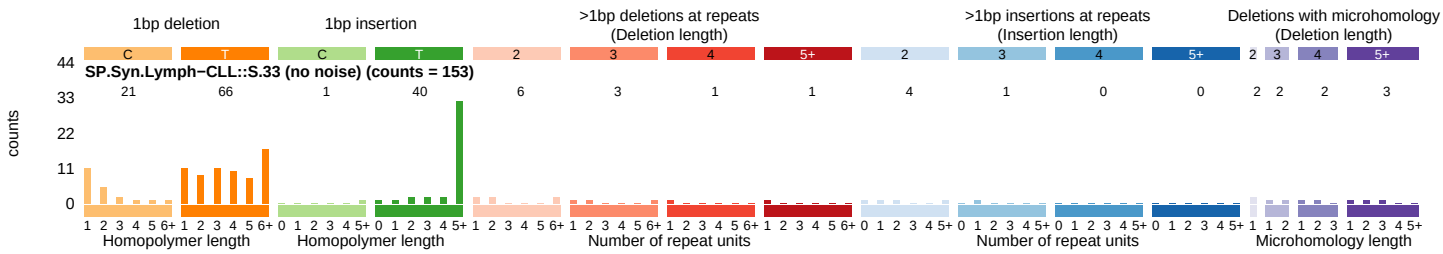
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.29 (no noise) (counts = 166)
31 77 1 39 5 2 1 1 2 0 0 0 2 2 2 1
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.30 (no noise) (counts = 111)
0 7 3 98 0 1 0 0 2 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.Lymph−CLL::S.31 (no noise) (counts = 100)
8 55 1 16 5 3 1 1 3 0 0 0 2 2 1 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.Lymph−CLL::S.32 (no noise) (counts = 124)
17 56 1 39 3 2 0 1 2 0 0 0 1 2 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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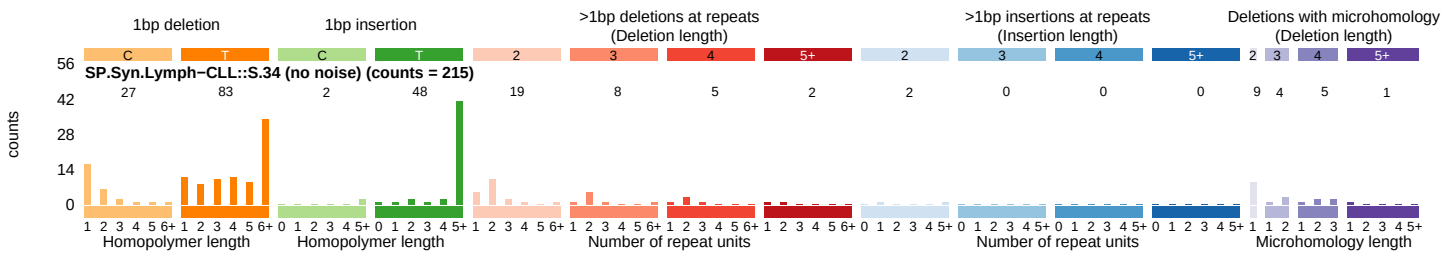
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.33 (no noise) (counts = 153)
21 66 1 40 6 3 1 1 4 1 0 0 2 2 2 3
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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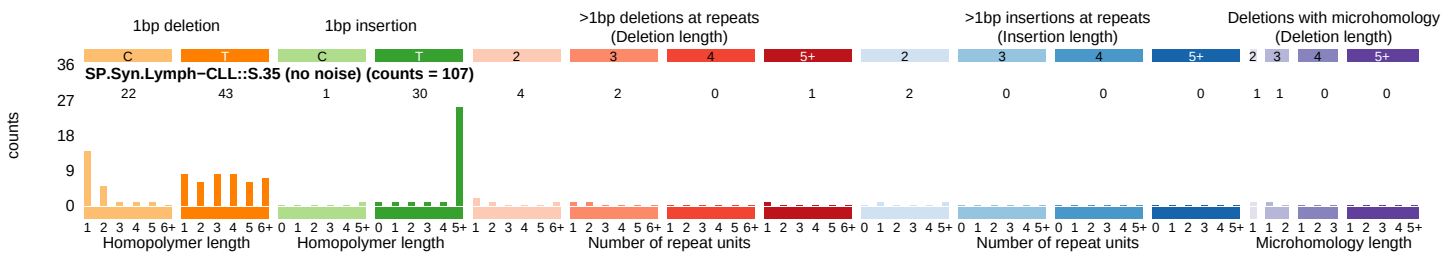
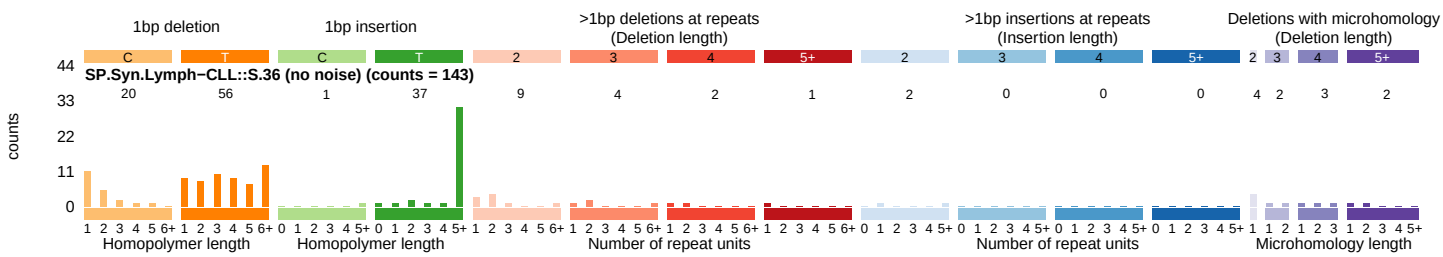
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.34 (no noise) (counts = 215)
27 83 2 48 19 8 5 2 2 0 0 0 9 4 5 1
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.35 (no noise) (counts = 107)
22 43 1 30 4 2 0 1 2 0 0 0 1 1 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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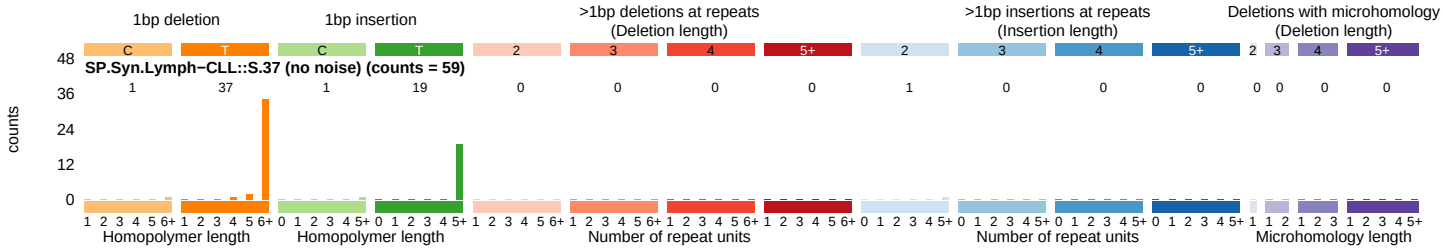
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.36 (no noise) (counts = 143)
20 56 1 37 9 4 2 1 2 0 0 0 4 2 3 2
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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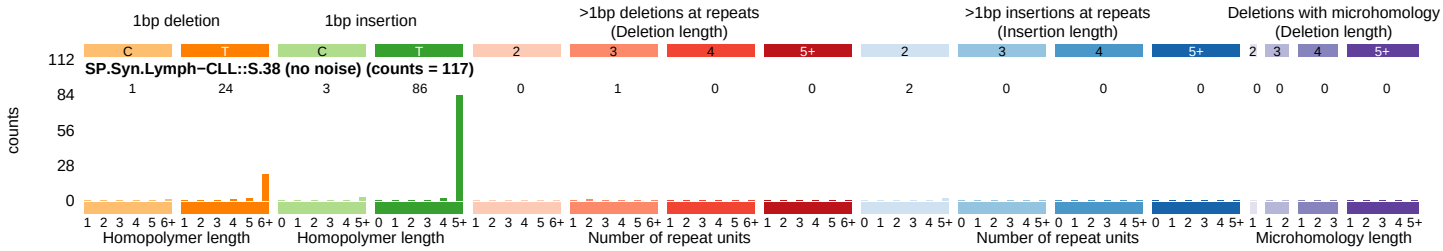
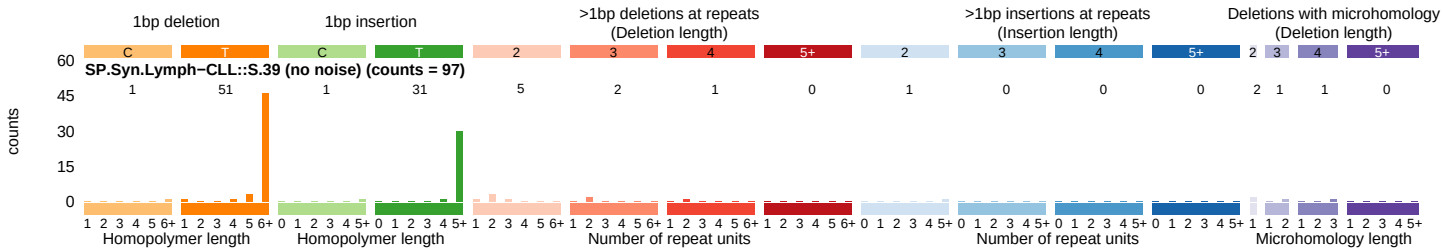
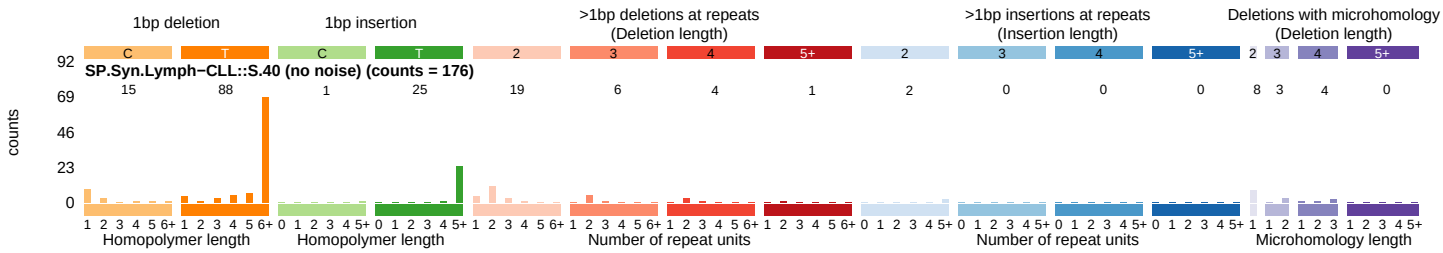
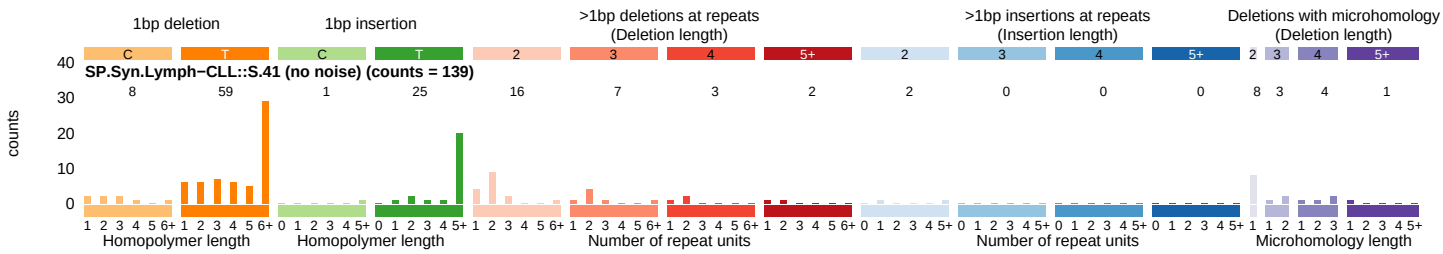
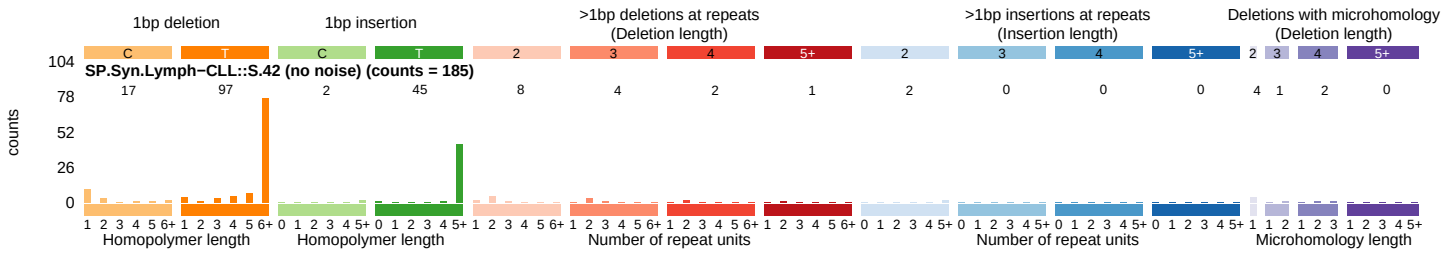
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.37 (no noise) (counts = 59)
counts
Homopolymer length
Number of repeat units
Microhomology length

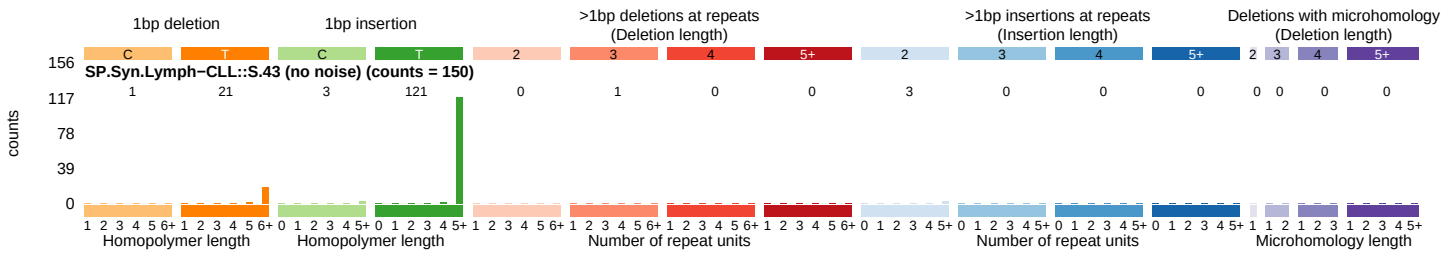

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.38 (no noise) (counts = 117)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.39 (no noise) (counts = 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.Lymph−CLL::S.40 (no noise) (counts = 176)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.41 (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.Lymph−CLL::S.42 (no noise) (counts = 185)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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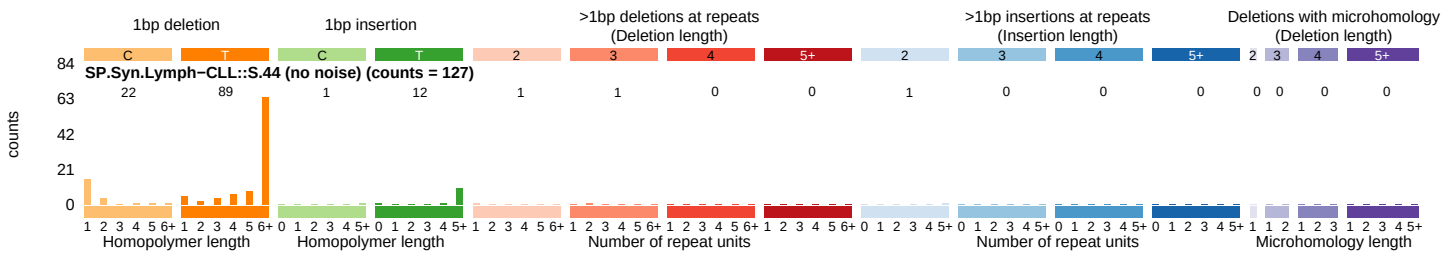
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.43 (no noise) (counts = 150)
counts
Homopolymer length
Number of repeat units
Microhomology length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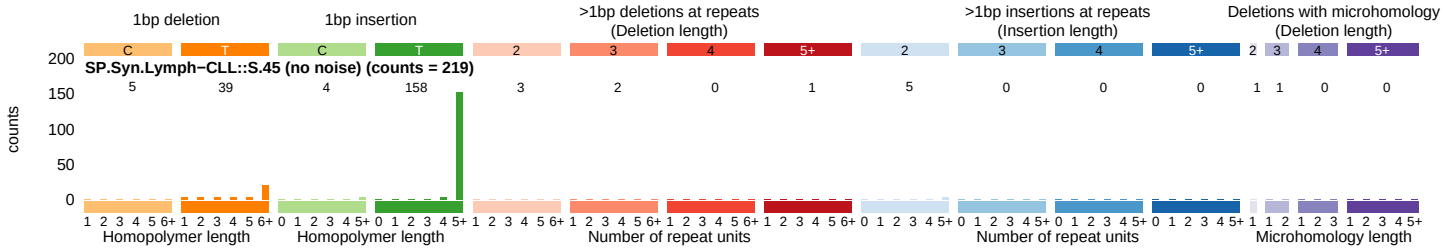
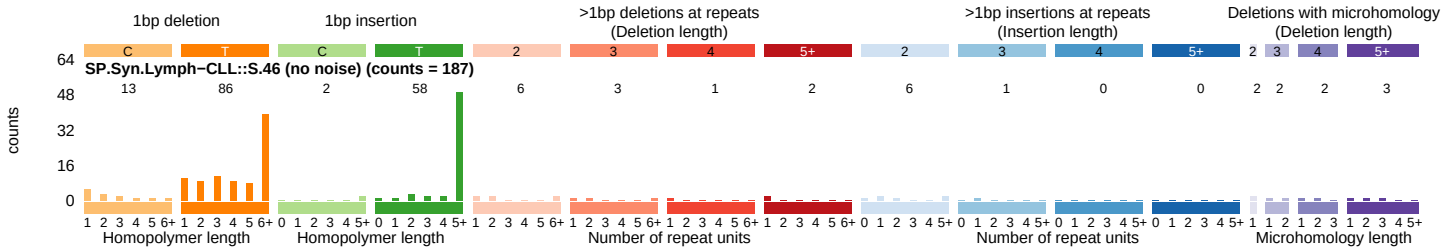
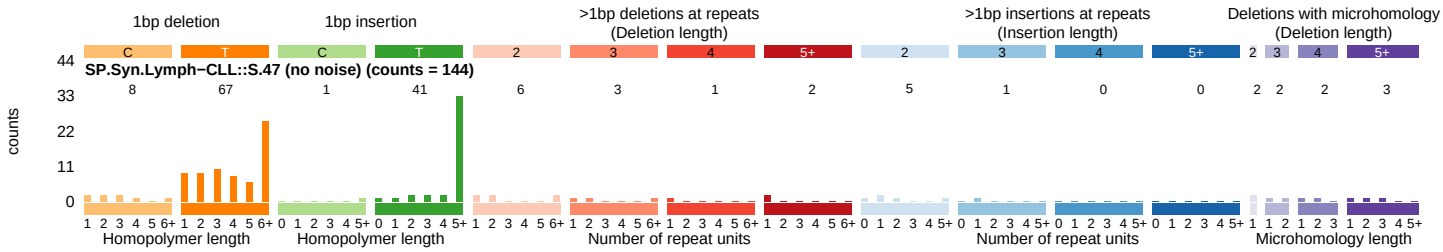
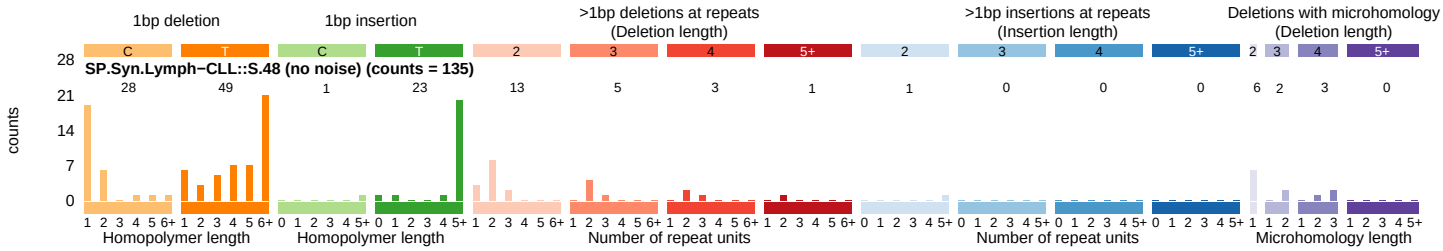
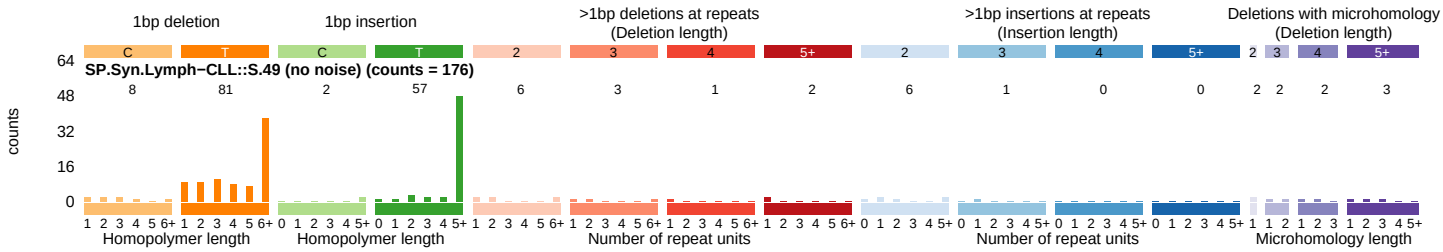
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.44 (no noise) (counts = 127)
counts
Homopolymer length
Number of repeat units
Microhomology length

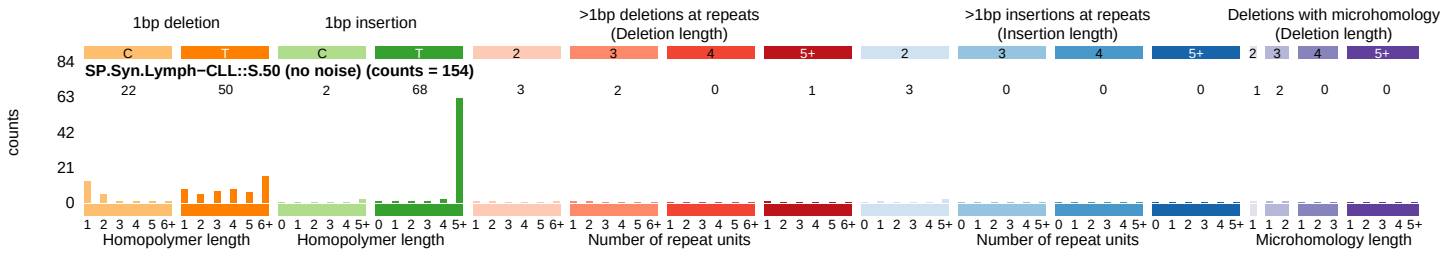

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.45 (no noise) (counts = 219)
counts
Homopolymer length
Number of repeat units
Microhomology length

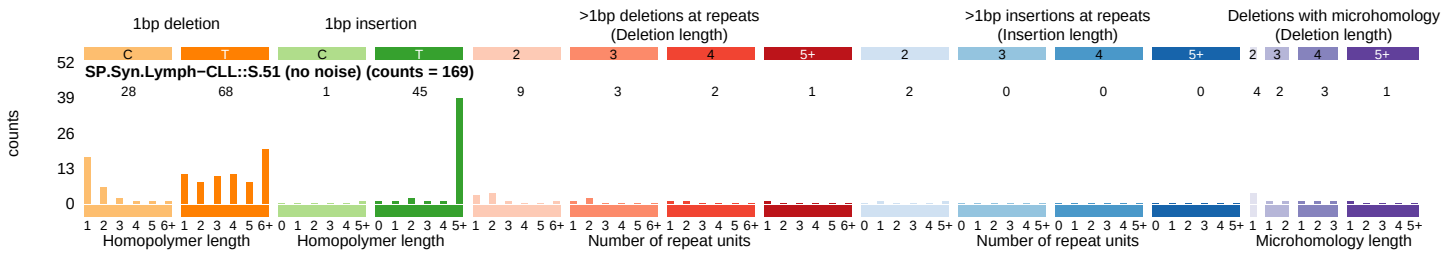

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.46 (no noise) (counts = 187)
counts
Homopolymer length
Number of repeat units
Microhomology length

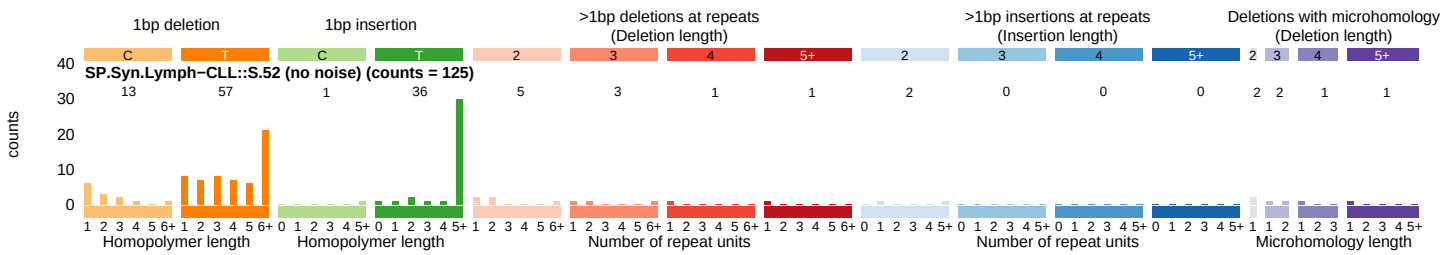

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.47 (no noise) (counts = 144)
counts
Homopolymer length
Number of repeat units
Microhomology length

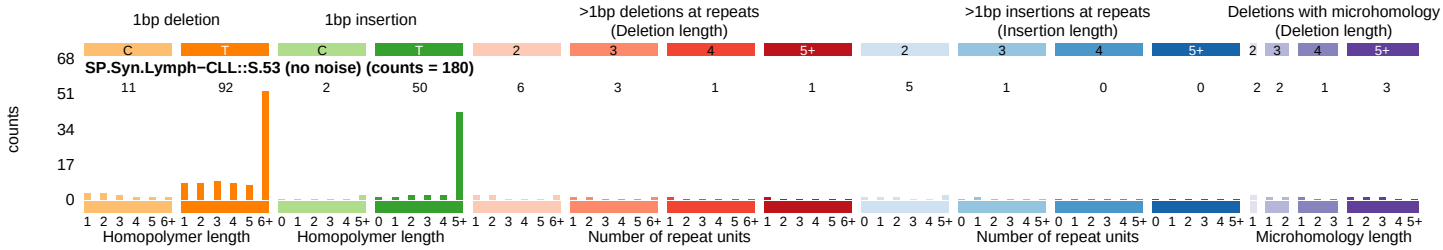

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.48 (no noise) (counts = 135)
counts
Homopolymer length
Number of repeat units
Microhomology length

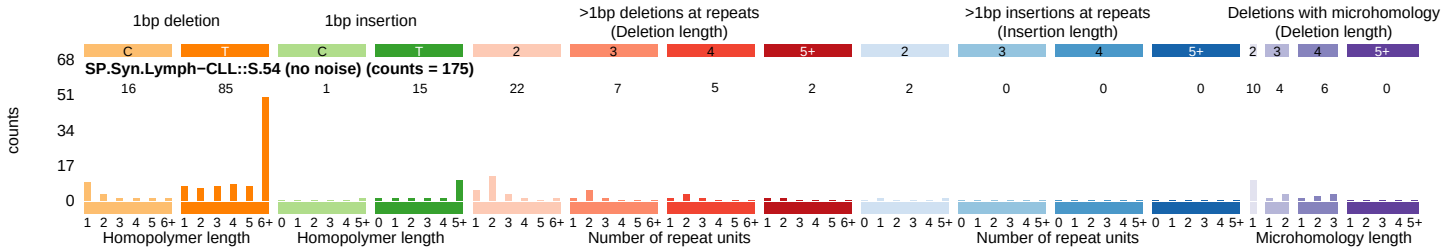

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.49 (no noise) (counts = 176)
counts
Homopolymer length
Number of repeat units
Microhomology length

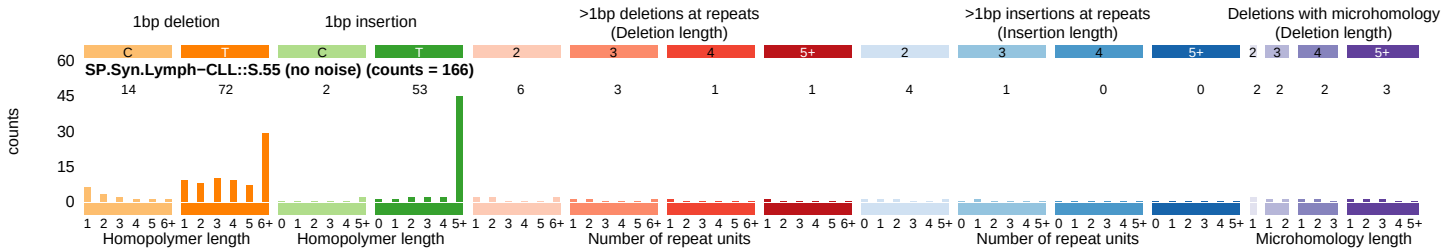

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.50 (no noise) (counts = 154)
counts
Homopolymer length
Number of repeat units
Microhomology length

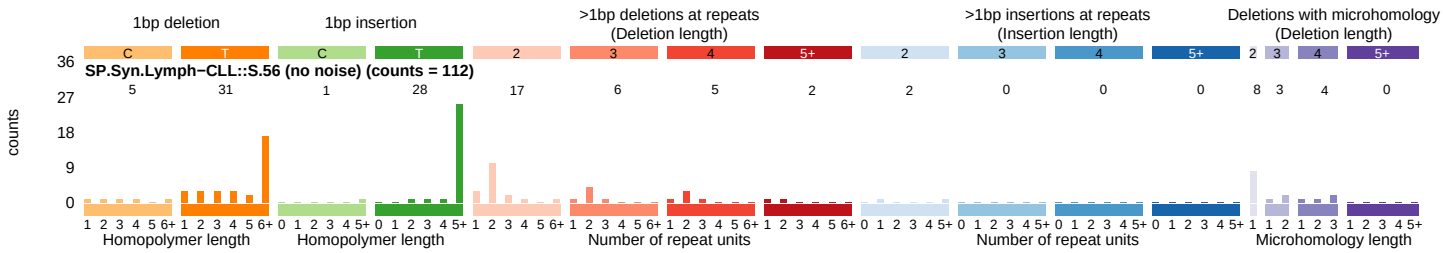

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.51 (no noise) (counts = 169)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.52 (no noise) (counts = 125)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.53 (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.Lymph−CLL::S.54 (no noise) (counts = 175)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.55 (no noise) (counts = 166)
counts
Homopolymer length
Number of repeat units
Microhomology length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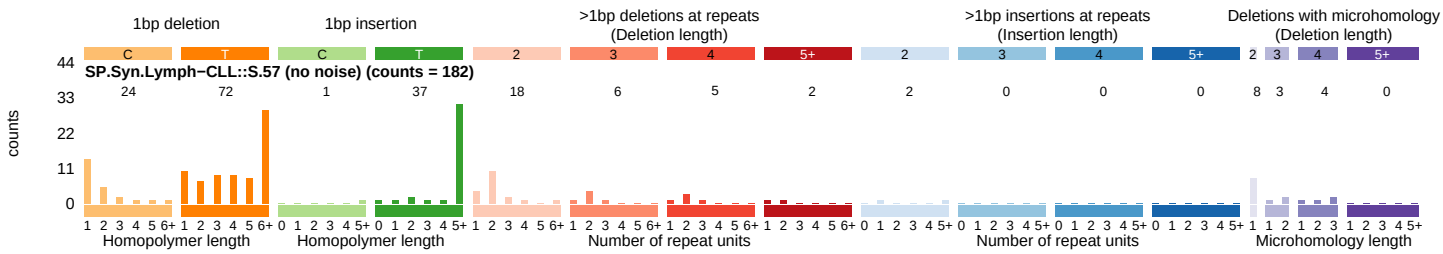
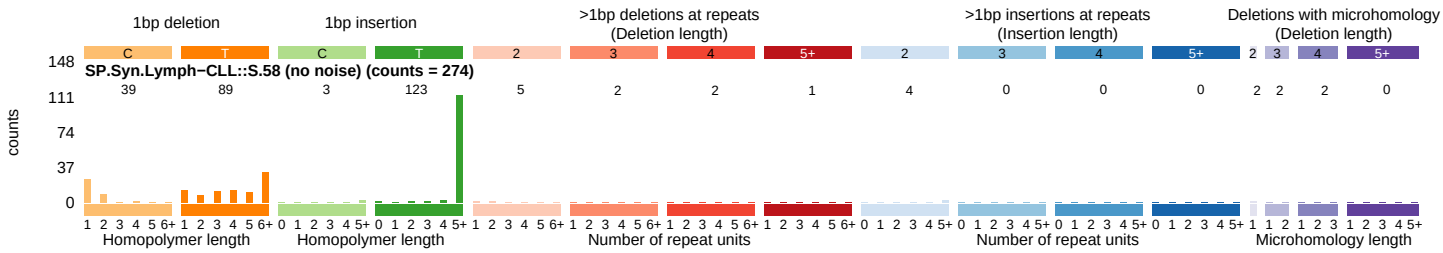
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.56 (no noise) (counts = 112)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.57 (no noise) (counts = 182)
counts
Homopolymer length
Number of repeat units
Microhomology length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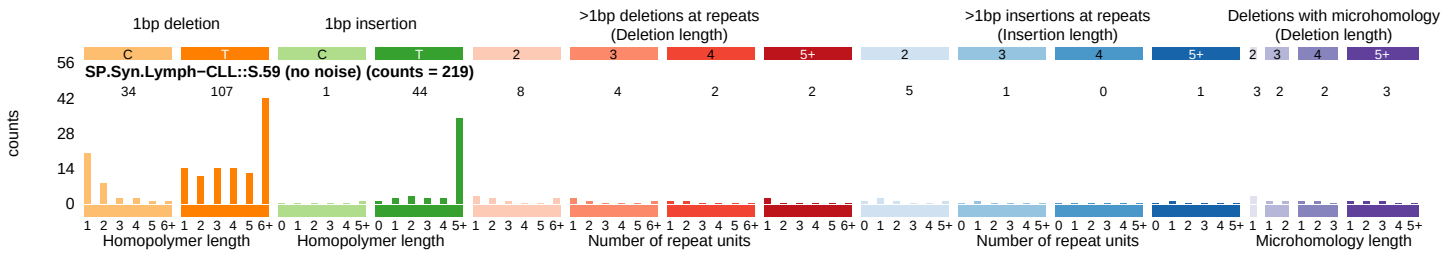
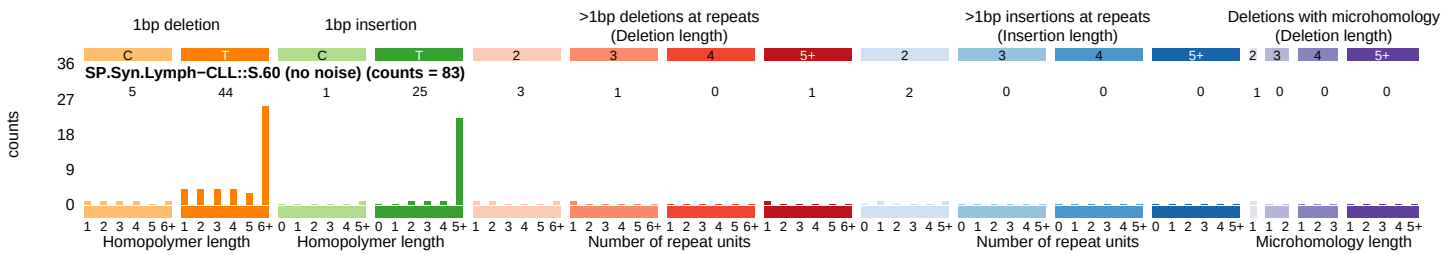
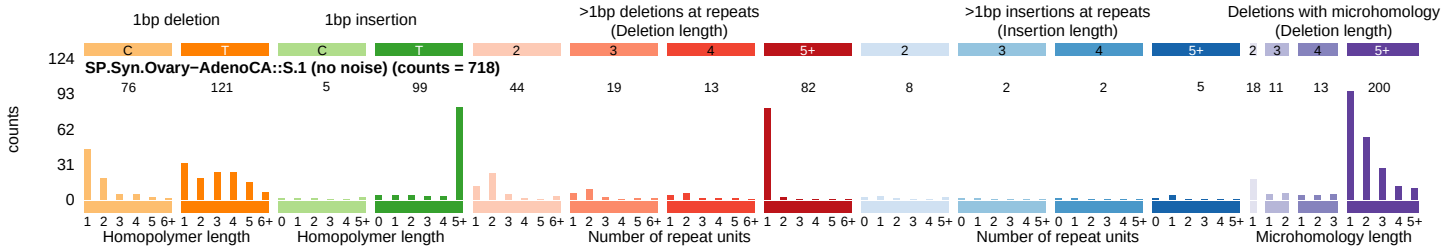
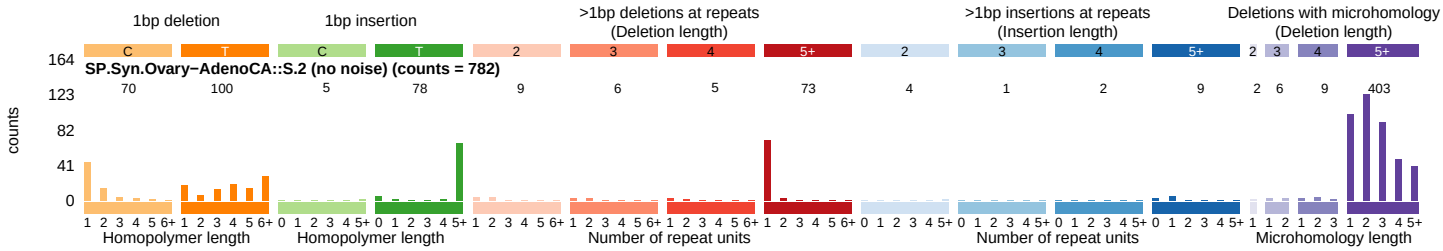
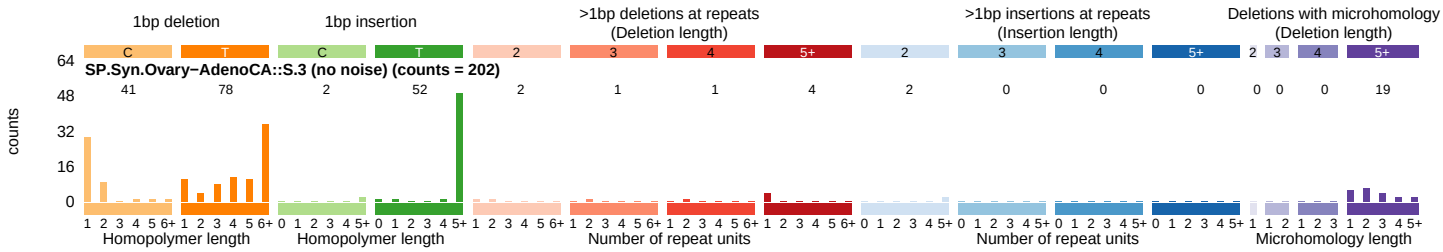
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.58 (no noise) (counts = 274)
counts
Homopolymer length
Number of repeat units
Microhomology length

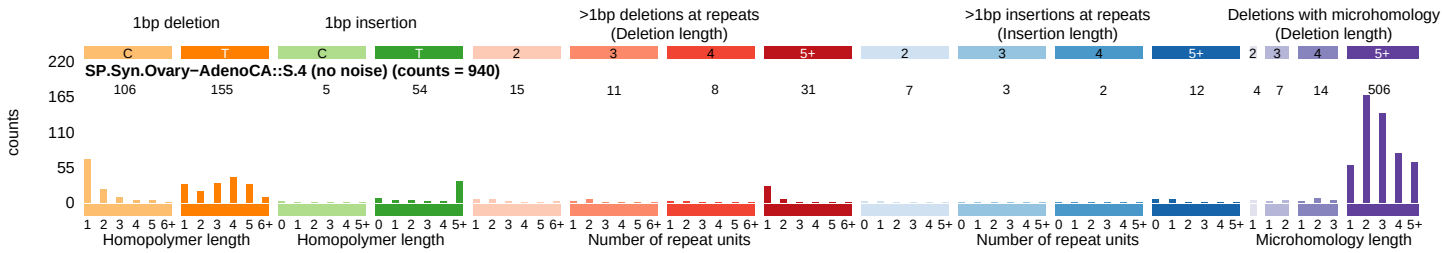

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.59 (no noise) (counts = 219)
counts
Homopolymer length
Number of repeat units
Microhomology length

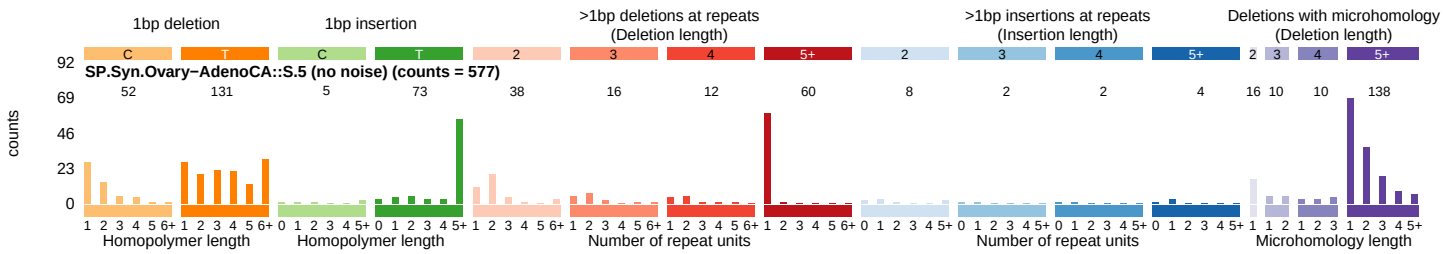

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.60 (no noise) (counts = 83)
counts
Homopolymer length
Number of repeat units
Microhomology length

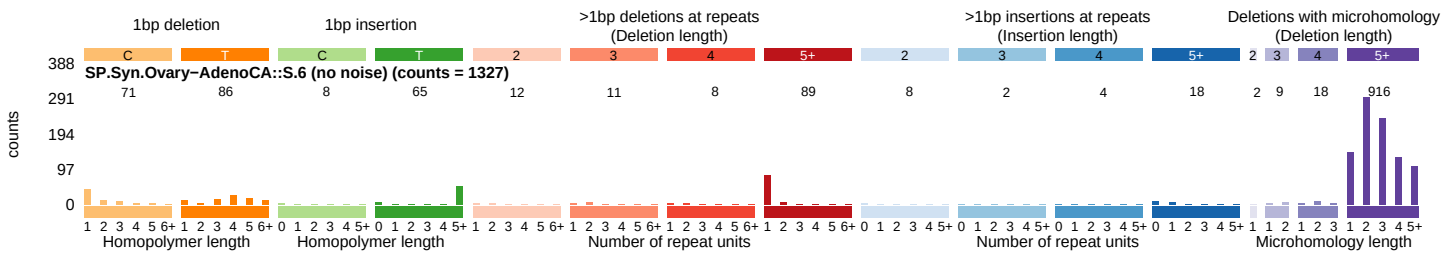

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.1 (no noise) (counts = 718)
76 121 5 99 44 19 13 82 8 2 2 5 18 11 13 200
counts
Homopolymer length
Number of repeat units
Microhomology length

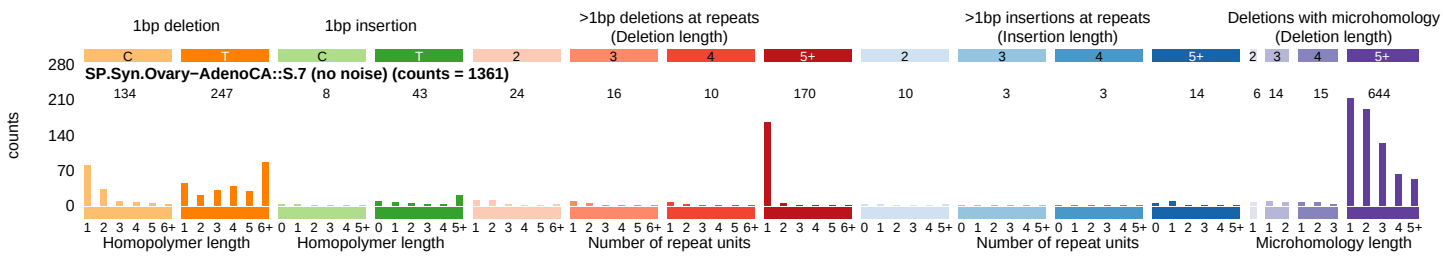

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.2 (no noise) (counts = 782)
70 100 5 78 9 6 5 73 4 1 2 9 2 6 9 403
counts
Homopolymer length
Number of repeat units
Microhomology length

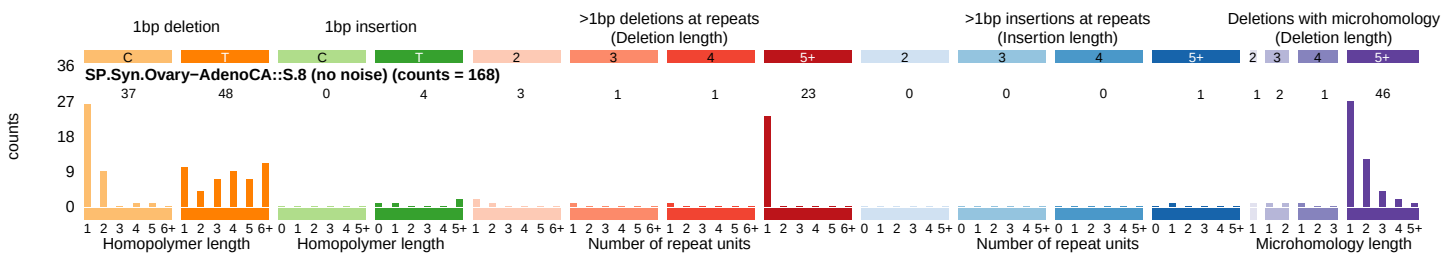

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.3 (no noise) (counts = 202)
41 78 2 52 2 1 1 4 2 0 0 0 0 0 0 19
counts
Homopolymer length
Number of repeat units
Microhomology length

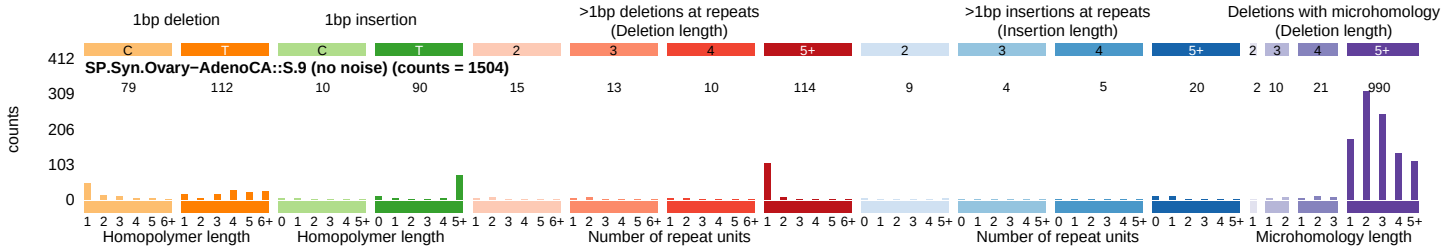

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.4 (no noise) (counts = 940)
106 155 5 54 15 11 8 31 7 3 2 12 4 7 14 506
counts
Homopolymer length
Number of repeat units
Microhomology length

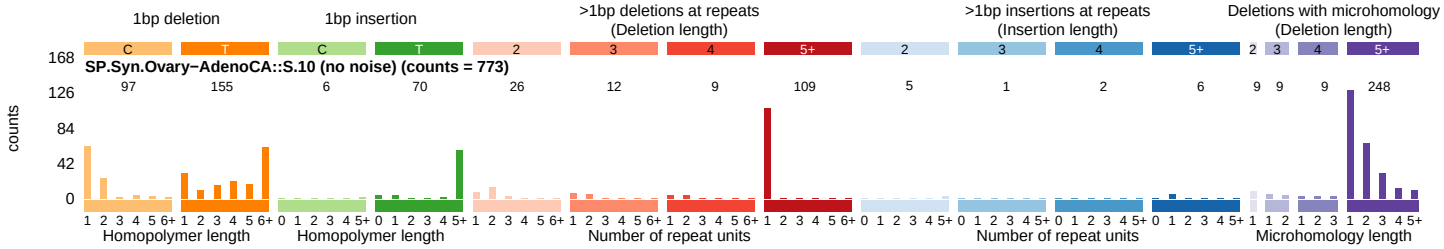

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.5 (no noise) (counts = 577)
52 131 5 73 38 16 12 60 8 2 2 4 16 10 10 138
counts
Homopolymer length
Number of repeat units
Microhomology length

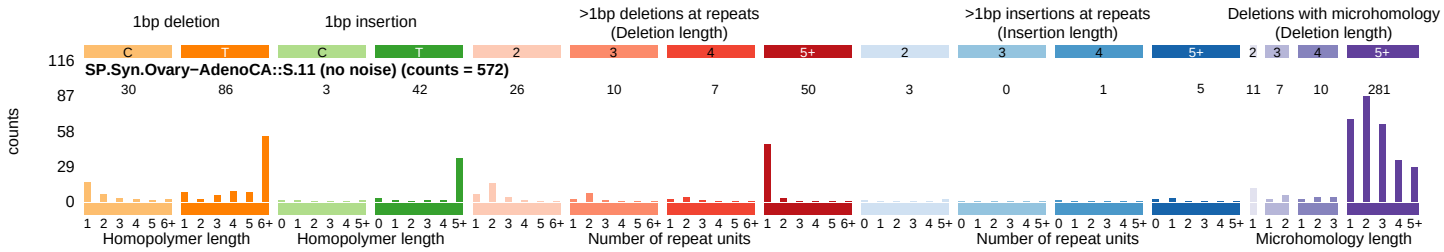

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.6 (no noise) (counts = 1327)
71 86 8 65 12 11 8 89 8 2 4 18 2 9 18 916
counts
Homopolymer length
Number of repeat units
Microhomology length

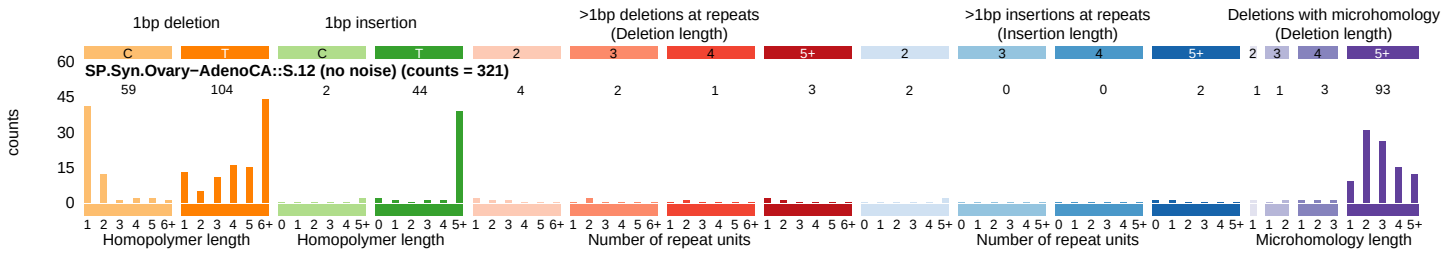

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.7 (no noise) (counts = 1361)
134 247 8 43 24 16 10 170 10 3 3 14 6 14 15 644
counts
Homopolymer length
Number of repeat units
Microhomology length

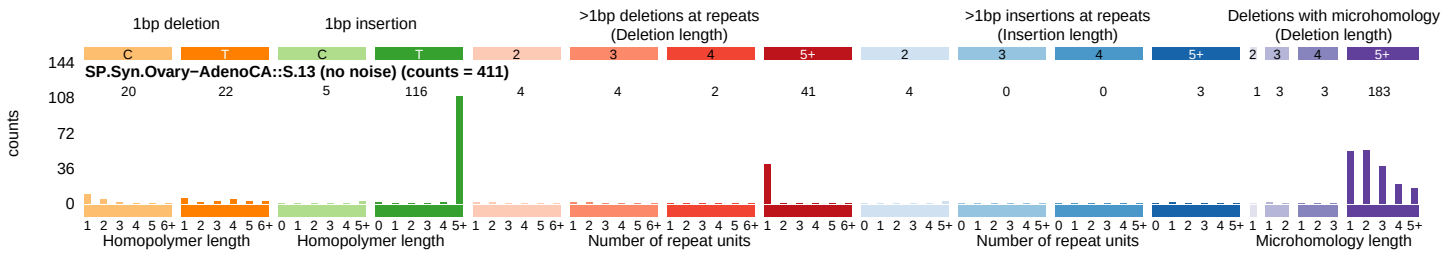

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.8 (no noise) (counts = 168)
37 48 0 4 3 1 1 23 0 0 0 1 1 2 1 46
counts
Homopolymer length
Number of repeat units
Microhomology length

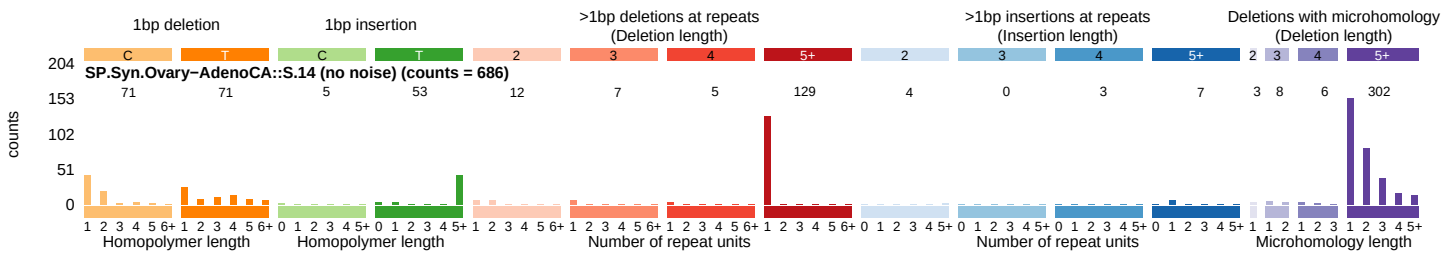

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.9 (no noise) (counts = 1504)
79 112 10 90 15 13 10 114 9 4 5 20 2 10 21 990
counts
412 309 206 103 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

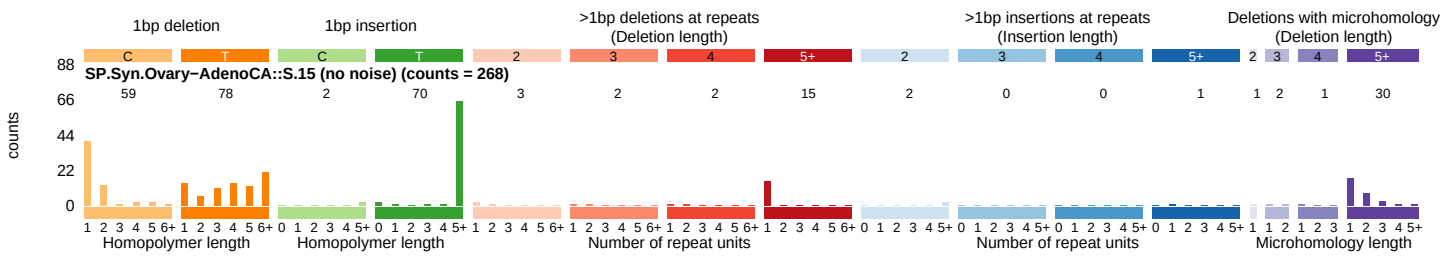

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.10 (no noise) (counts = 773)
97 155 6 70 26 12 9 109 5 1 2 6 9 9 9 248
counts
168 126 84 42 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

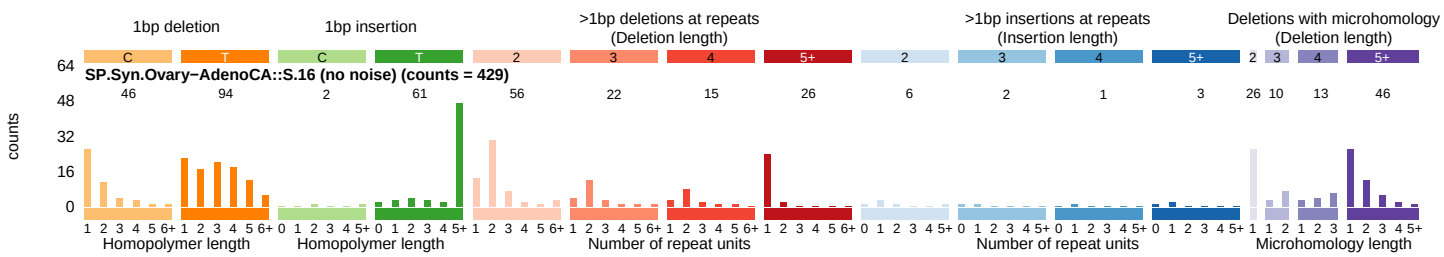

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.11 (no noise) (counts = 572)
30 86 3 42 26 10 7 50 3 0 1 5 11 7 10 281
counts
116 87 58 29 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

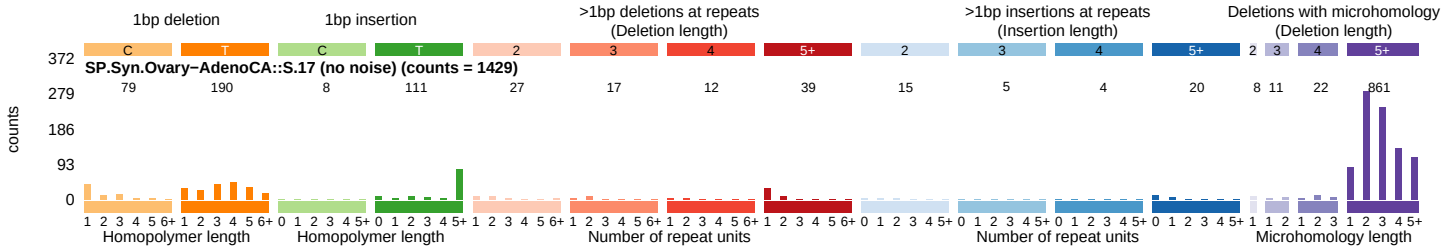

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.12 (no noise) (counts = 321)
59 104 2 44 4 2 1 3 2 0 0 2 1 1 3 93
counts
60 45 30 15 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

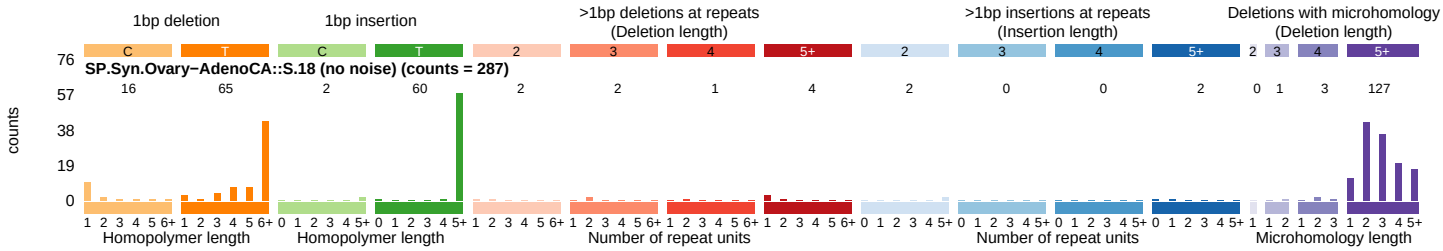

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.13 (no noise) (counts = 411)
20 22 5 116 4 4 2 41 4 0 0 3 1 3 3 183
counts
144 108 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.Ovary−AdenoCA::S.14 (no noise) (counts = 686)
71 71 5 53 12 7 5 129 4 0 3 7 3 8 6 302
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.Ovary−AdenoCA::S.15 (no noise) (counts = 268)
59 78 2 70 3 2 2 15 2 0 0 1 1 2 1 30
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.16 (no noise) (counts = 429)
46 94 2 61 56 22 15 26 6 2 1 3 26 10 13 46
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)
SP.Syn.Ovary−AdenoCA::S.17 (no noise) (counts = 1429)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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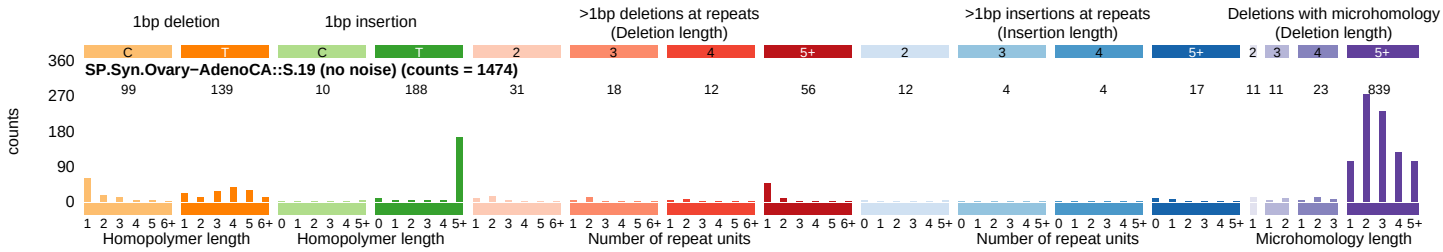
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.18 (no noise) (counts = 287)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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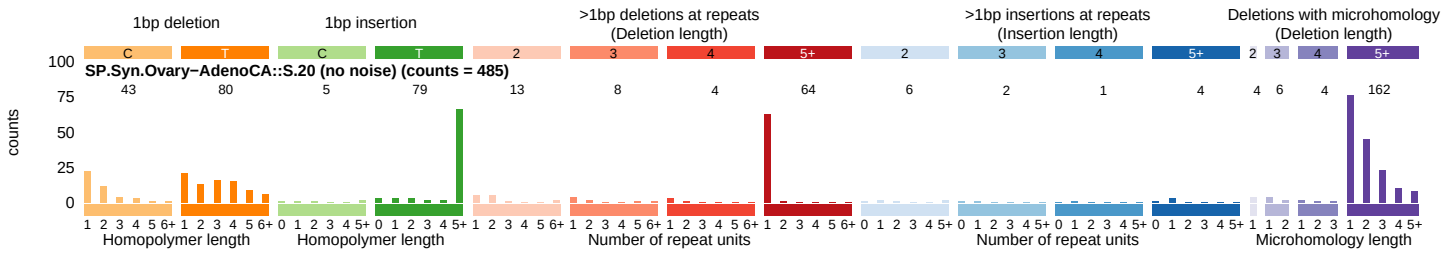
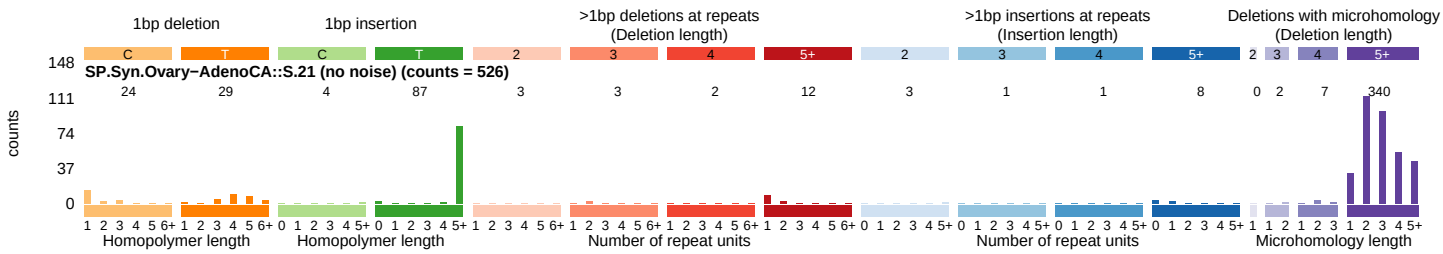
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.19 (no noise) (counts = 1474)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 = 485)
counts
Homopolymer length
Number of repeat units
Microhomology length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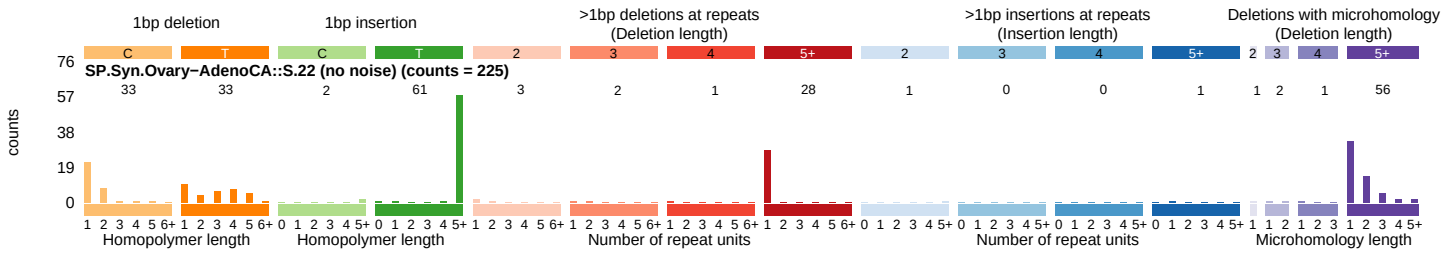
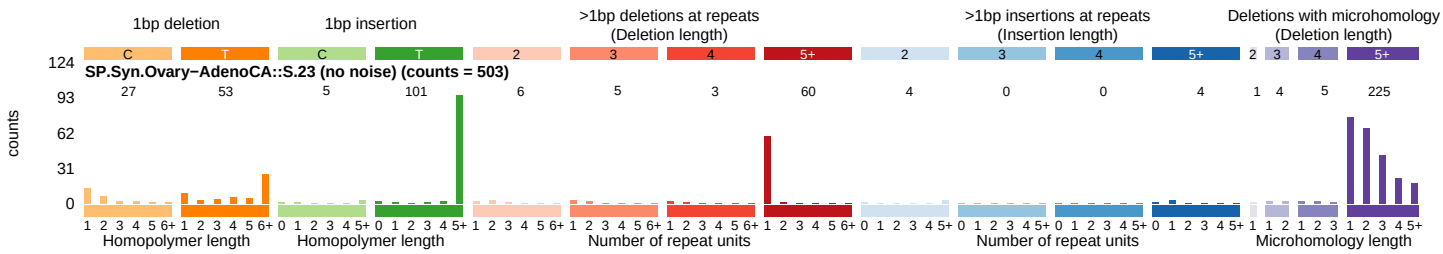
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.21 (no noise) (counts = 526)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 = 225)
counts
Homopolymer length
Number of repeat units
Microhomology length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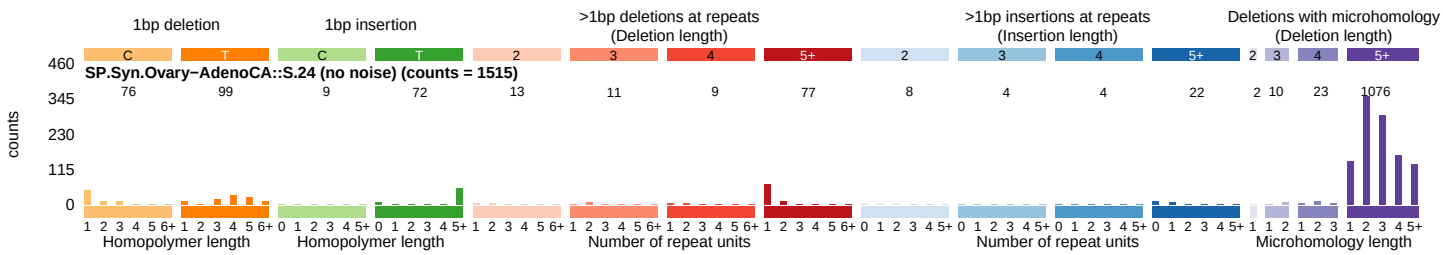
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.23 (no noise) (counts = 503)
counts
Homopolymer length
Number of repeat units
Microhomology length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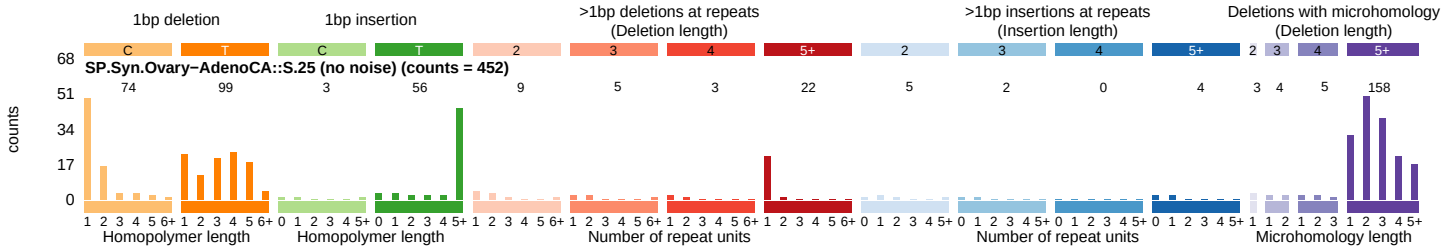
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.24 (no noise) (counts = 1515)
counts
Homopolymer length
Number of repeat units
Microhomology length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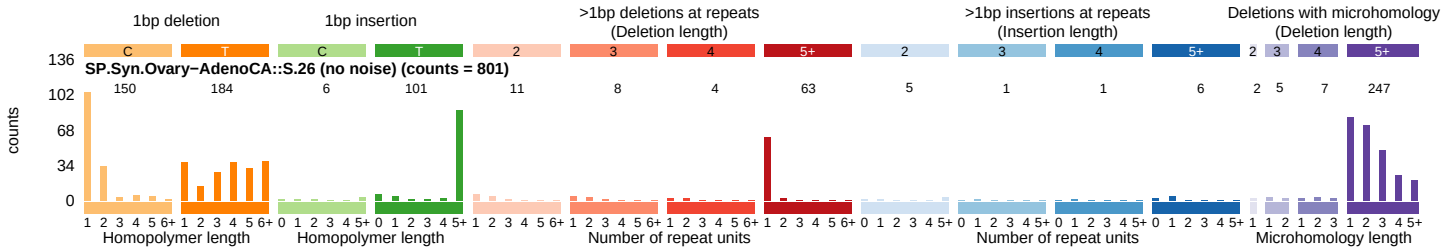
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.25 (no noise) (counts = 452)
counts
Homopolymer length
Number of repeat units
Microhomology length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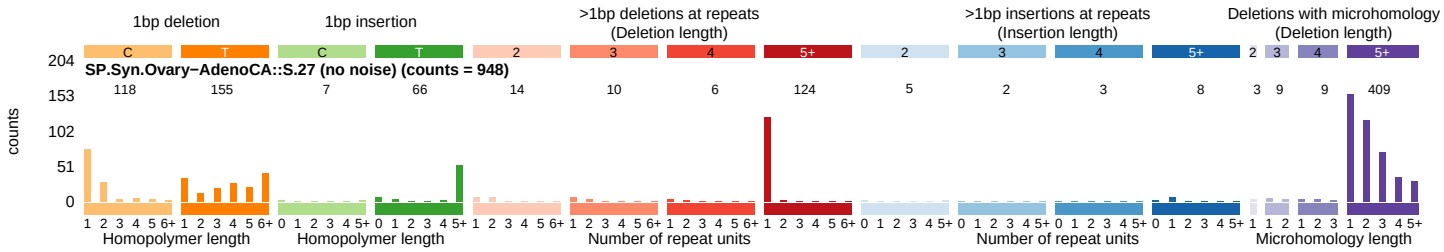
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.26 (no noise) (counts = 801)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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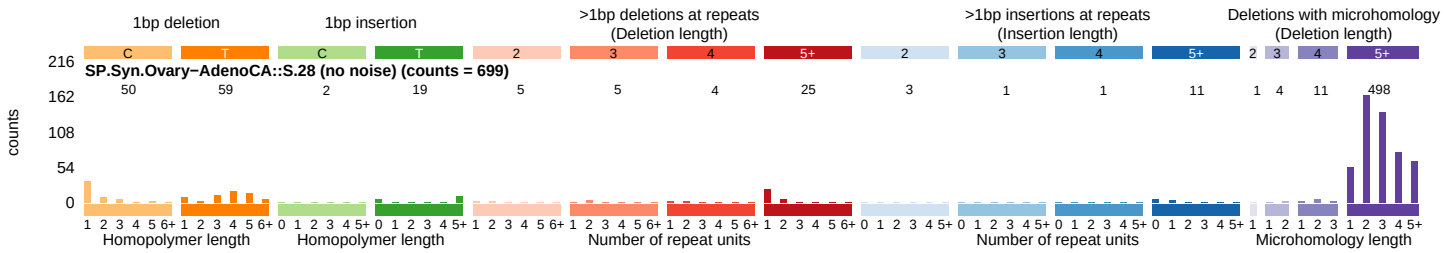
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.27 (no noise) (counts = 948)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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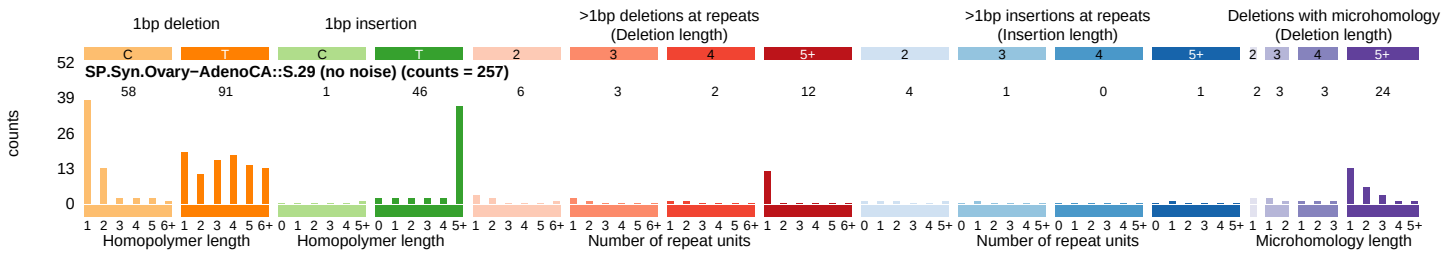
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.28 (no noise) (counts = 699)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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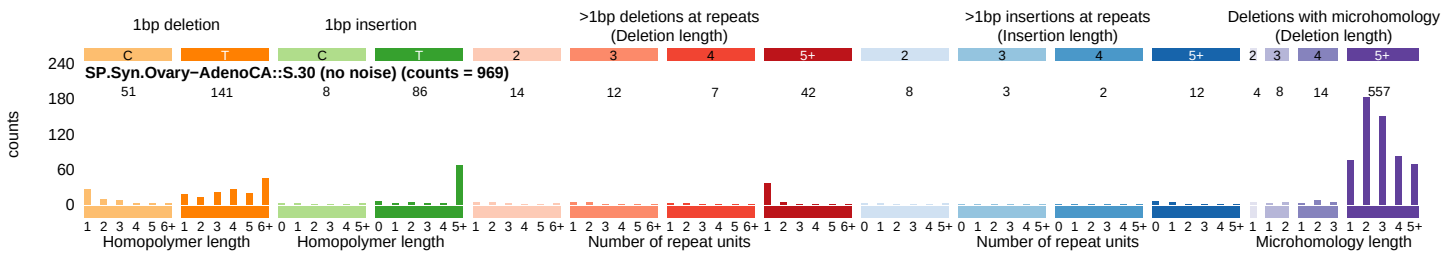
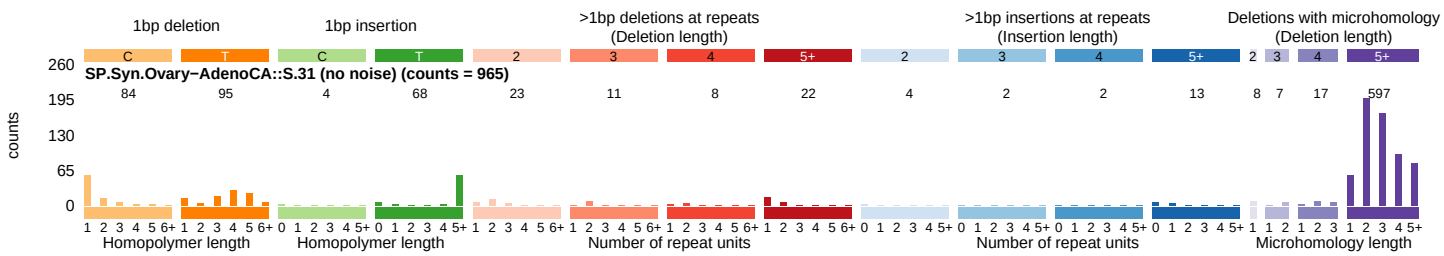
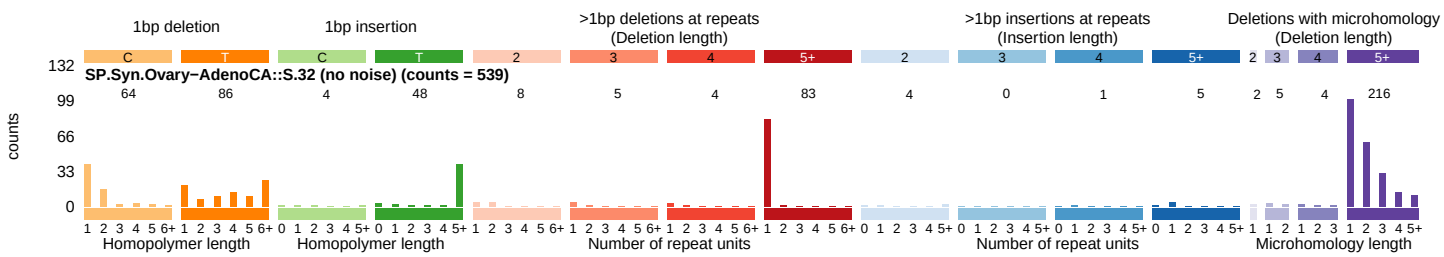
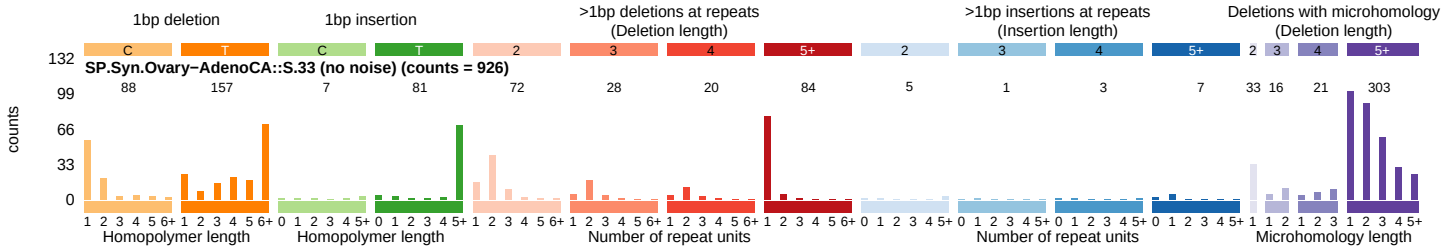
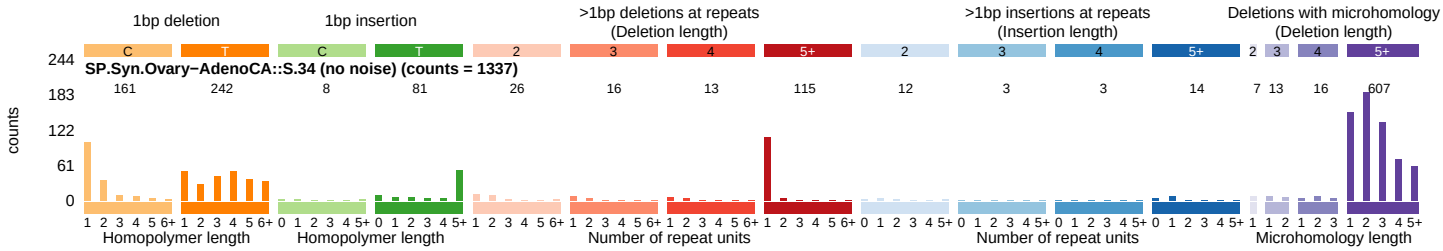
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.29 (no noise) (counts = 257)
counts
Homopolymer length
Number of repeat units
Microhomology length

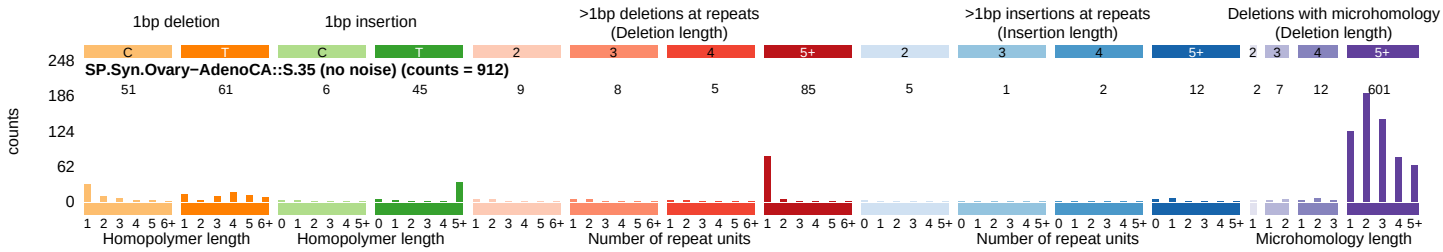

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.30 (no noise) (counts = 969)
counts
Homopolymer length
Number of repeat units
Microhomology length

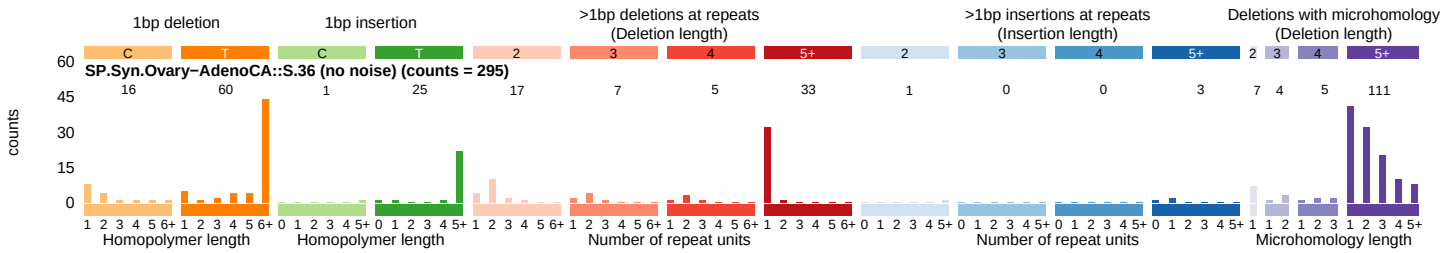

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.31 (no noise) (counts = 965)
counts
Homopolymer length
Number of repeat units
Microhomology length

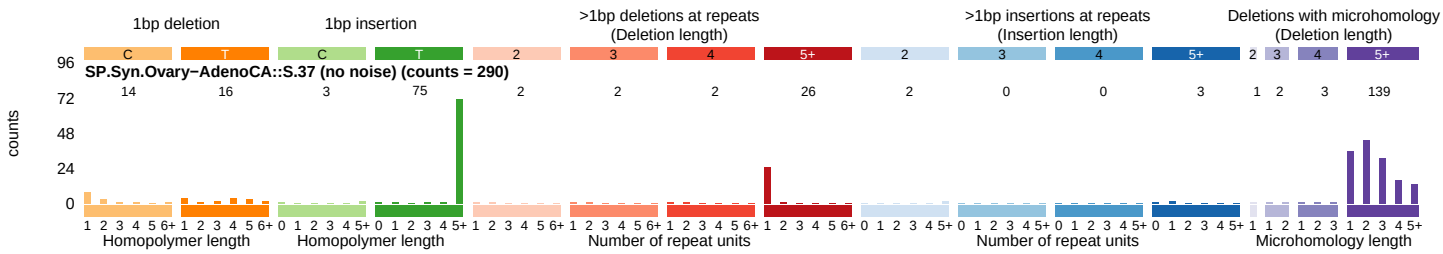

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.32 (no noise) (counts = 539)
counts
Homopolymer length
Number of repeat units
Microhomology length

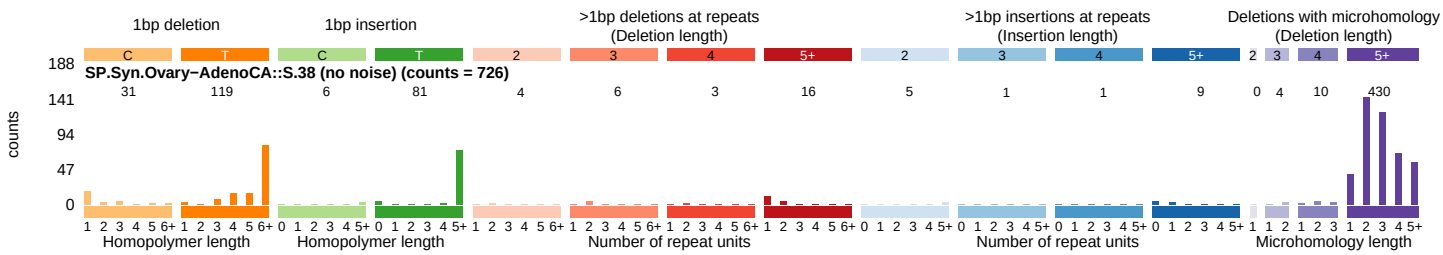

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.33 (no noise) (counts = 926)
88 157 7 81 72 28 20 84 5 1 3 7 33 16 21 303
counts
Homopolymer length
Number of repeat units
Microhomology length

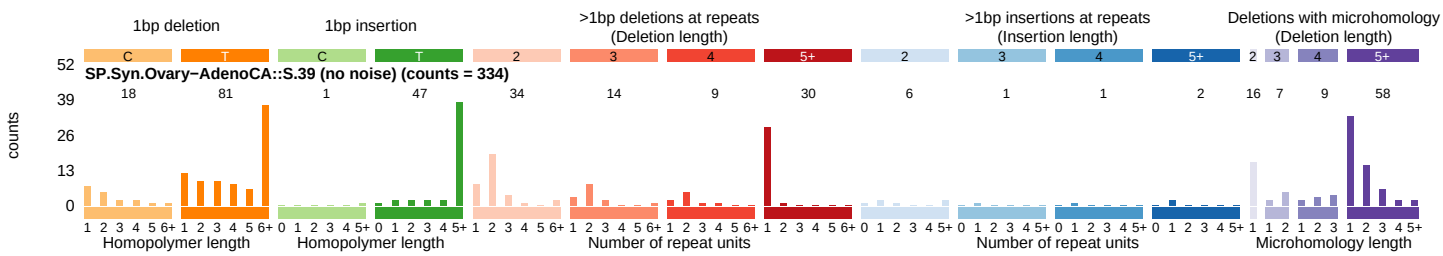

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.34 (no noise) (counts = 1337)
161 242 8 81 26 16 13 115 12 3 3 14 7 13 16 607
counts
Homopolymer length
Number of repeat units
Microhomology length

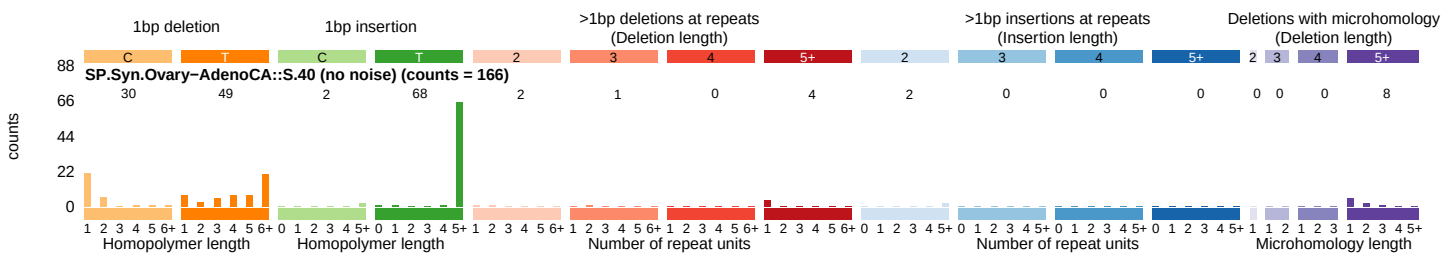

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.35 (no noise) (counts = 912)
51 61 6 45 9 8 5 85 5 1 2 12 2 7 12 601
counts
Homopolymer length
Number of repeat units
Microhomology length

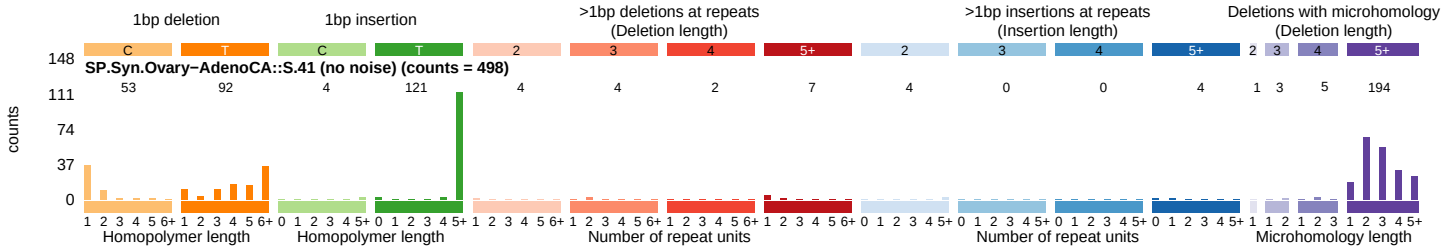

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.36 (no noise) (counts = 295)
16 60 1 25 17 7 5 33 1 0 0 3 7 4 5 111
counts
Homopolymer length
Number of repeat units
Microhomology length

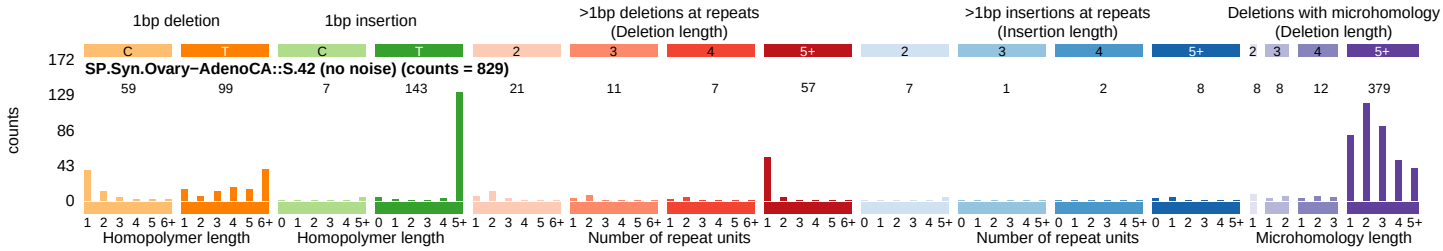

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.37 (no noise) (counts = 290)
14 16 3 75 2 2 2 26 2 0 0 3 1 2 3 139
counts
Homopolymer length
Number of repeat units
Microhomology length

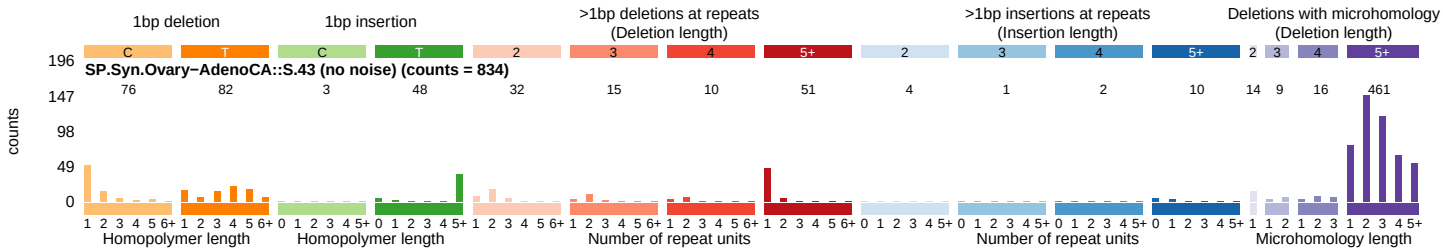

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.38 (no noise) (counts = 726)
31 119 6 81 4 6 3 16 5 1 1 9 0 4 10 430
counts
Homopolymer length
Number of repeat units
Microhomology length

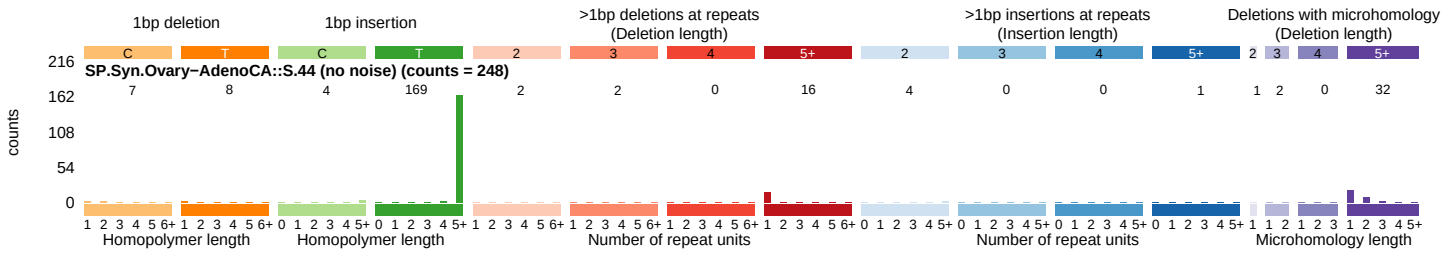

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.39 (no noise) (counts = 334)
18 81 1 47 34 14 9 30 6 1 1 2 16 7 9 58
counts
Homopolymer length
Number of repeat units
Microhomology length

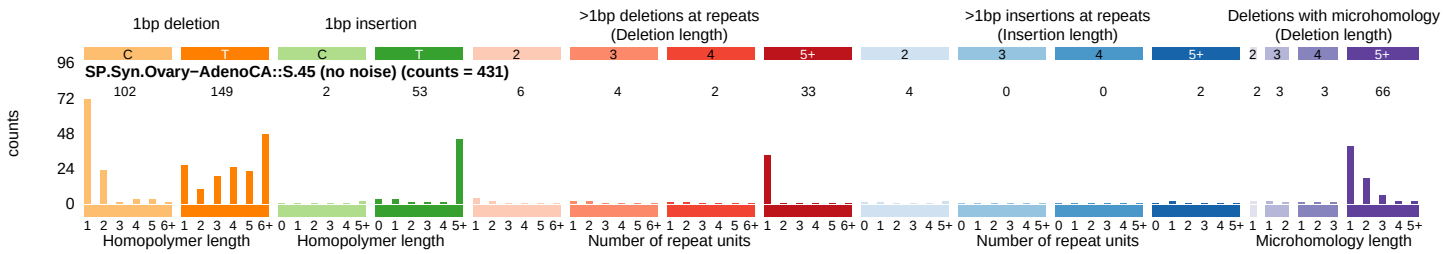

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.40 (no noise) (counts = 166)
30 49 2 68 2 1 0 4 2 0 0 0 0 0 0 8
counts
Homopolymer length
Number of repeat units
Microhomology length

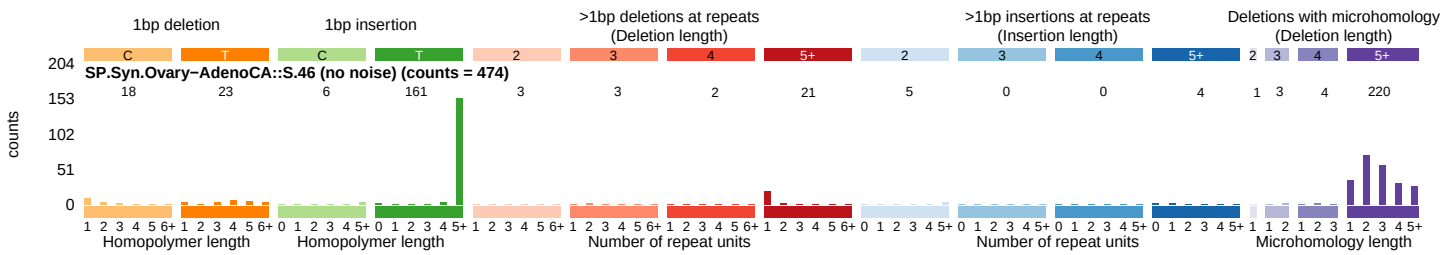

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.41 (no noise) (counts = 498)
counts
Homopolymer length
Number of repeat units
Microhomology length

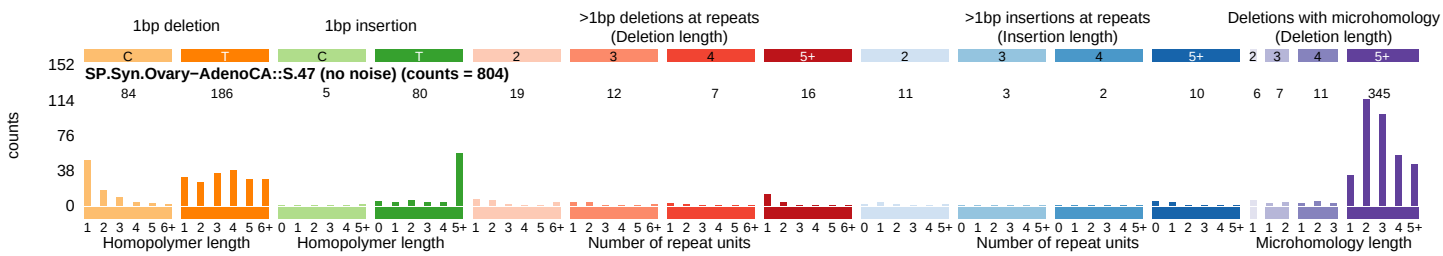

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.42 (no noise) (counts = 829)
counts
Homopolymer length
Number of repeat units
Microhomology length

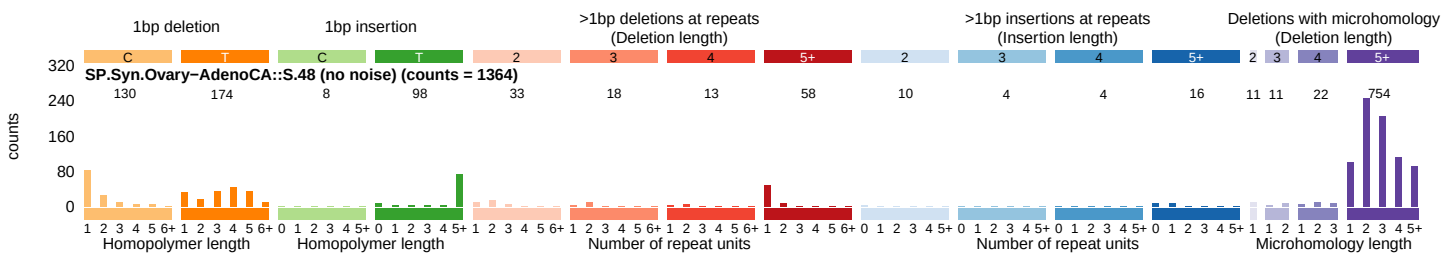

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.43 (no noise) (counts = 834)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.44 (no noise) (counts = 248)
counts
Homopolymer length
Number of repeat units
Microhomology 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.45 (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.Ovary−AdenoCA::S.46 (no noise) (counts = 474)
counts
Homopolymer length
Number of repeat units
Microhomology 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.47 (no noise) (counts = 804)
counts
Homopolymer length
Number of repeat units
Microhomology length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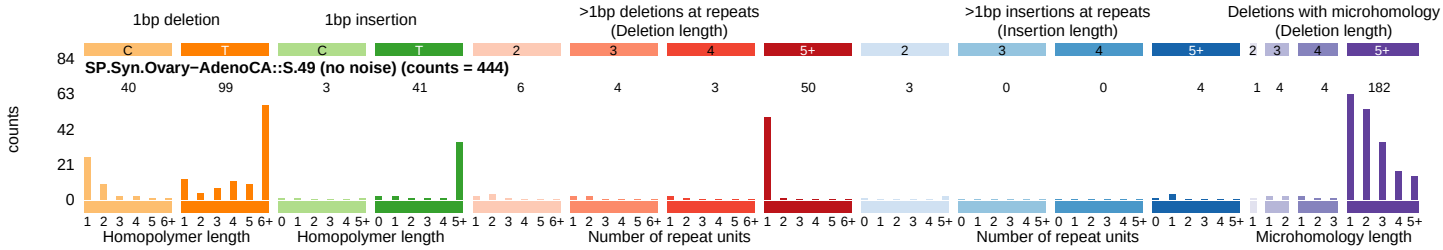
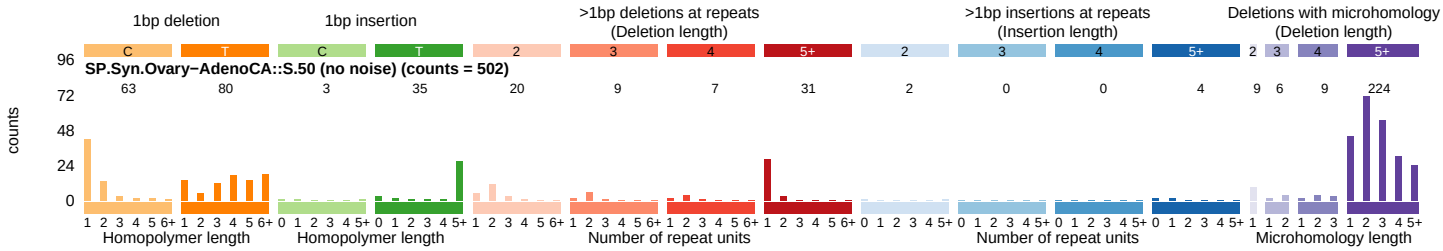
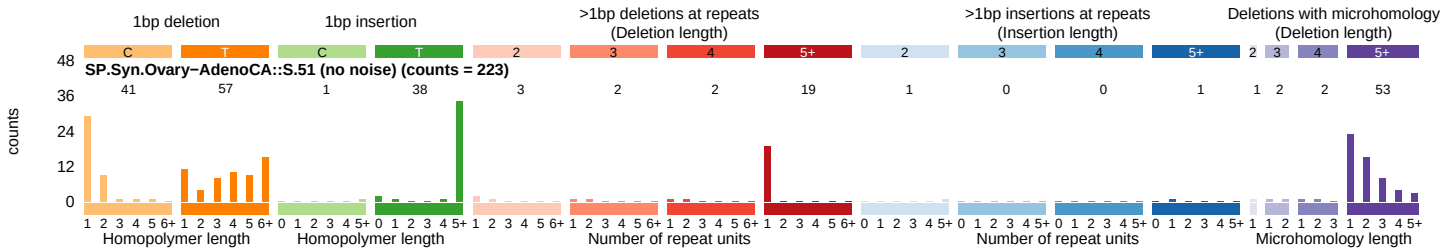
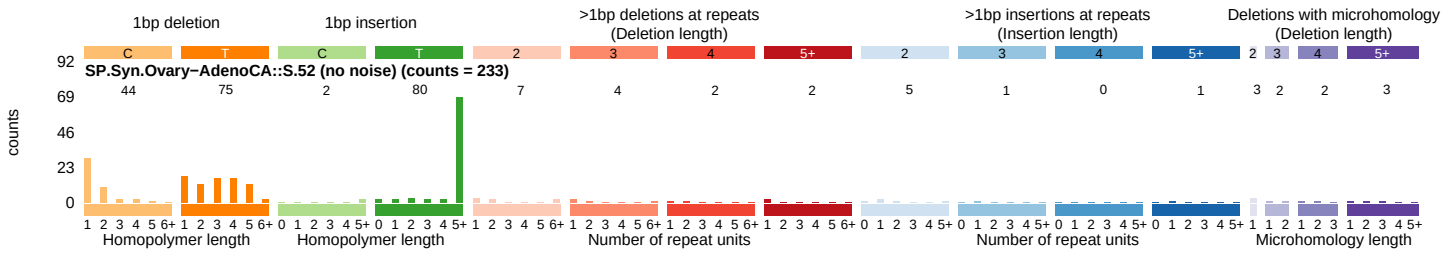
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.48 (no noise) (counts = 1364)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.49 (no noise) (counts = 444)
counts
Homopolymer length
Number of repeat units
Microhomology 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.50 (no noise) (counts = 502)
counts
Homopolymer length
Number of repeat units
Microhomology 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.51 (no noise) (counts = 223)
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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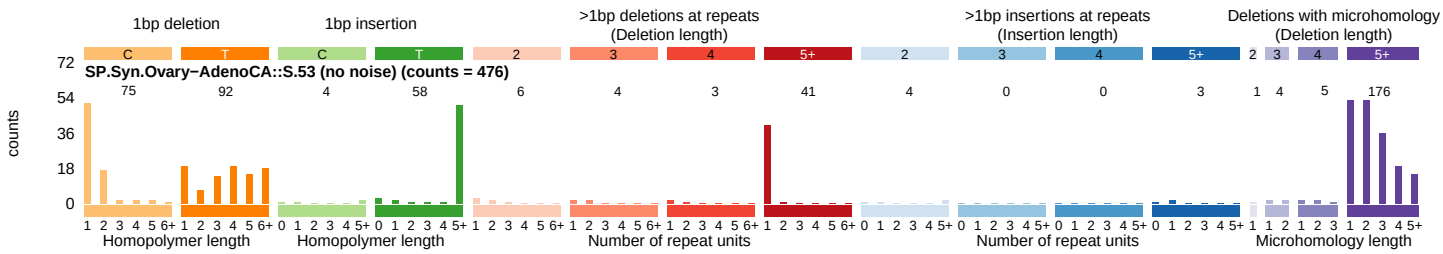
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.52 (no noise) (counts = 233)
counts
Homopolymer length
Number of repeat units
Microhomology length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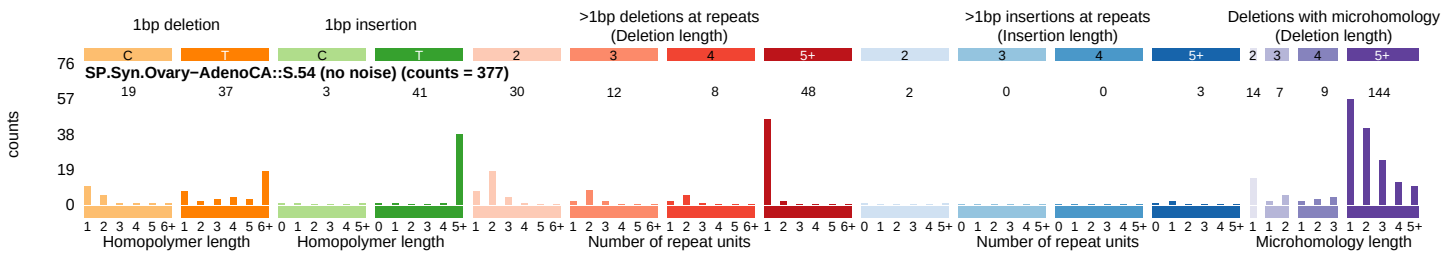
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.53 (no noise) (counts = 476)
counts
Homopolymer length
Number of repeat units
Microhomology length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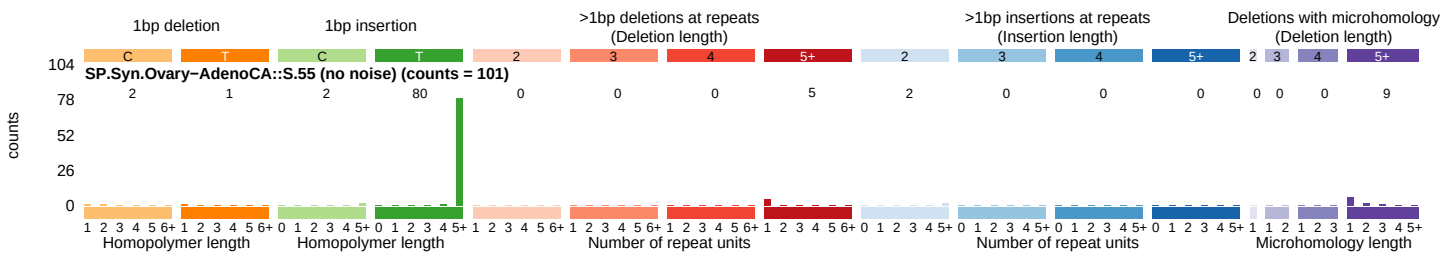
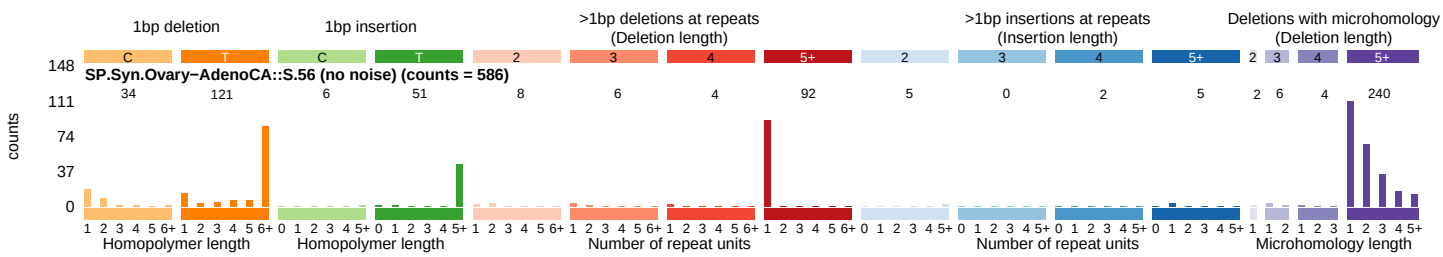
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.54 (no noise) (counts = 377)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.55 (no noise) (counts = 101)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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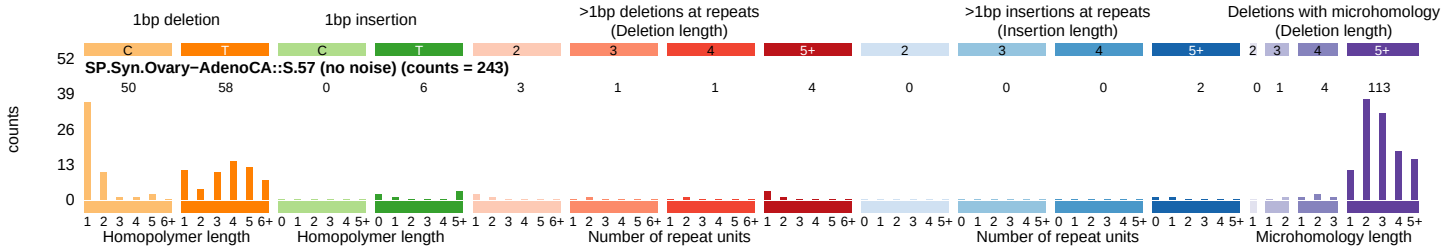
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.56 (no noise) (counts = 586)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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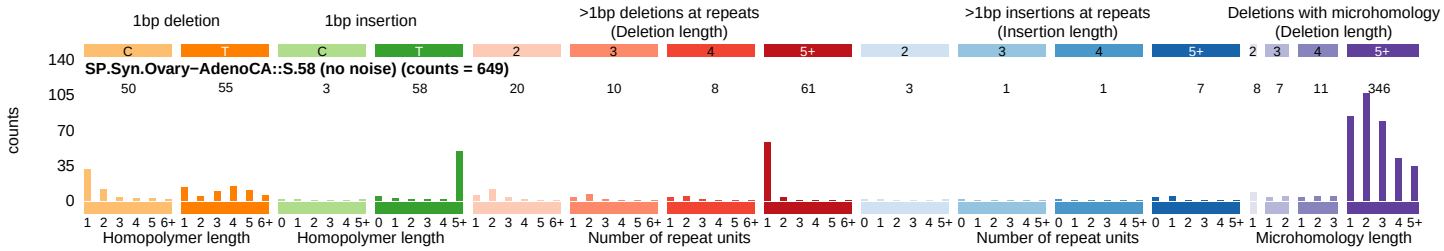
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.57 (no noise) (counts = 243)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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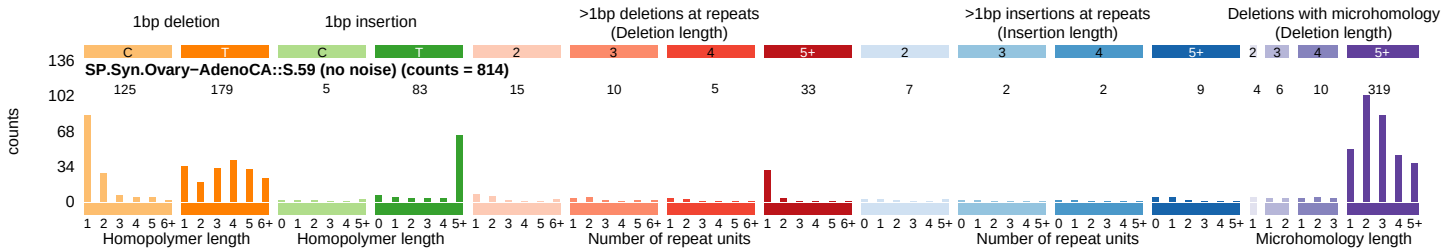
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.58 (no noise) (counts = 649)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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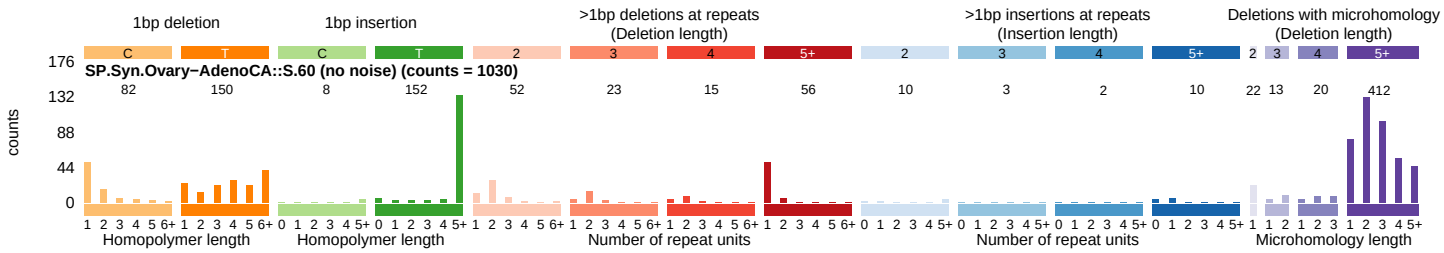
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.59 (no noise) (counts = 814)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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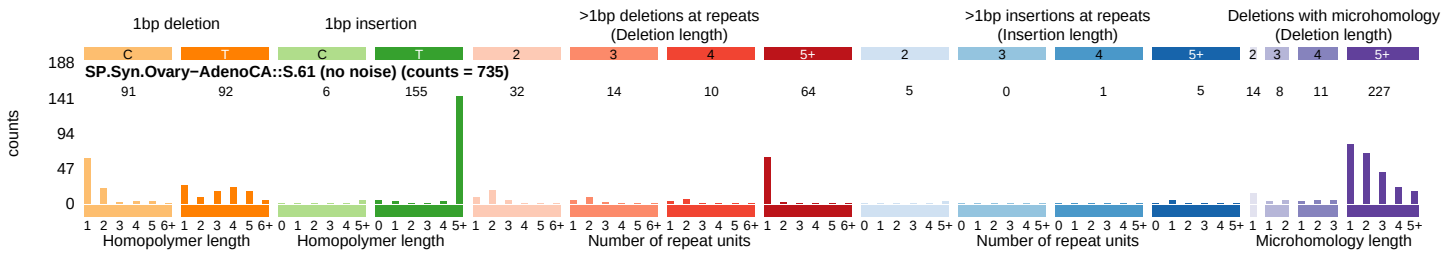
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.60 (no noise) (counts = 1030)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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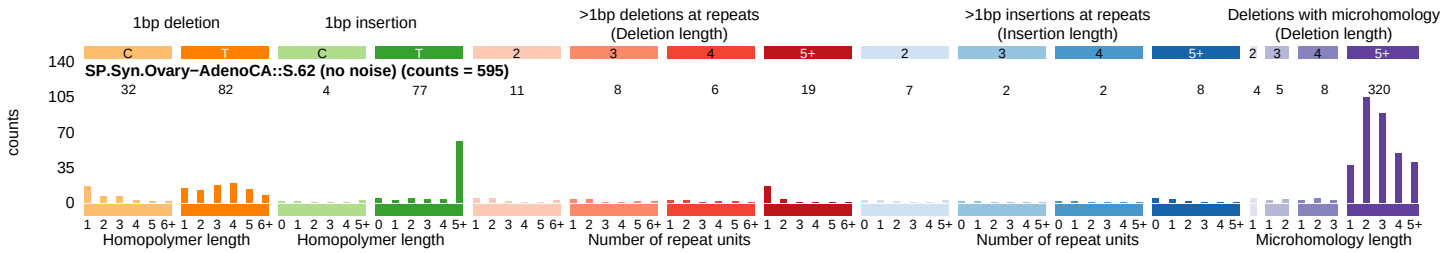
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.61 (no noise) (counts = 735)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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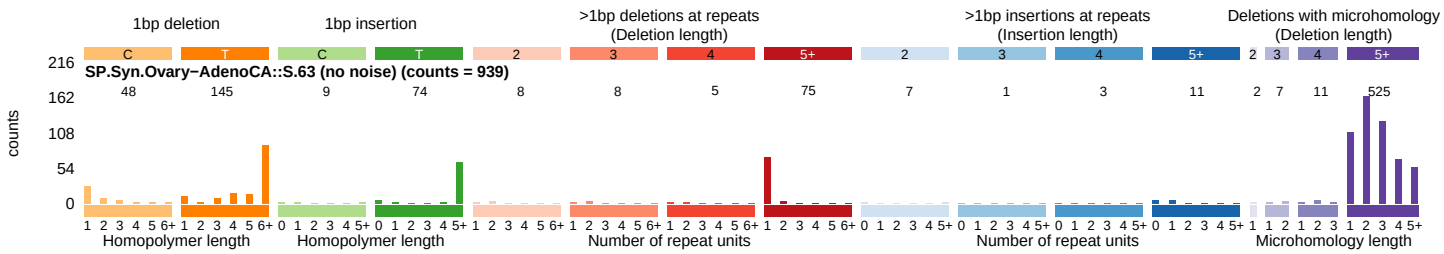
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.62 (no noise) (counts = 595)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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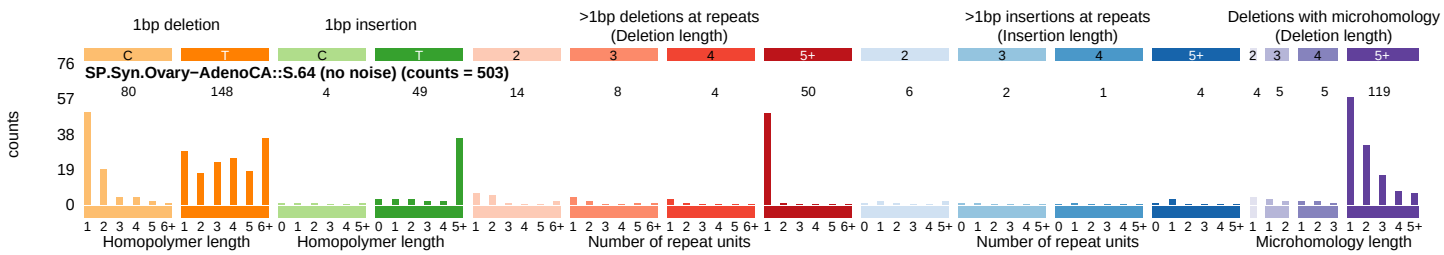
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.63 (no noise) (counts = 939)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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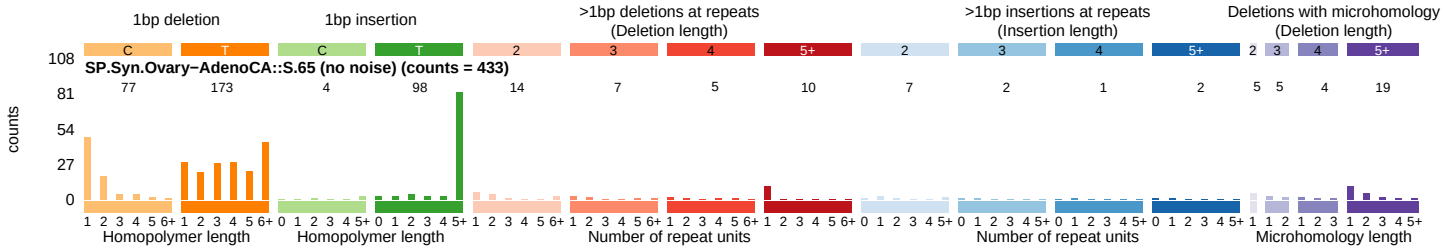
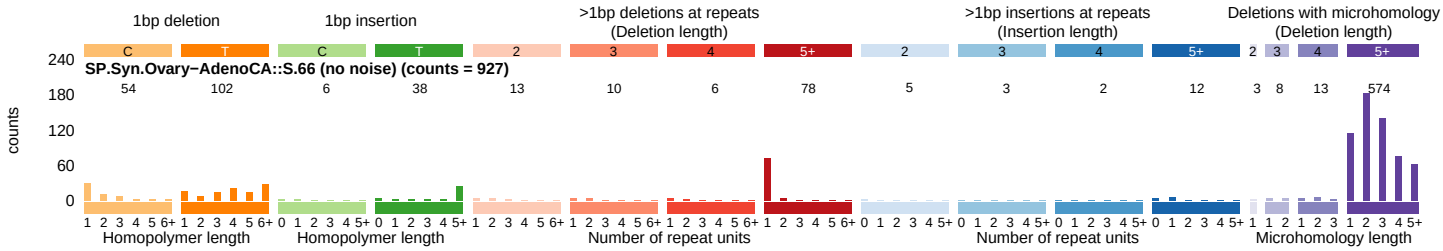
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.64 (no noise) (counts = 503)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.65 (no noise) (counts = 433)
counts
Homopolymer length
Number of repeat units
Microhomology length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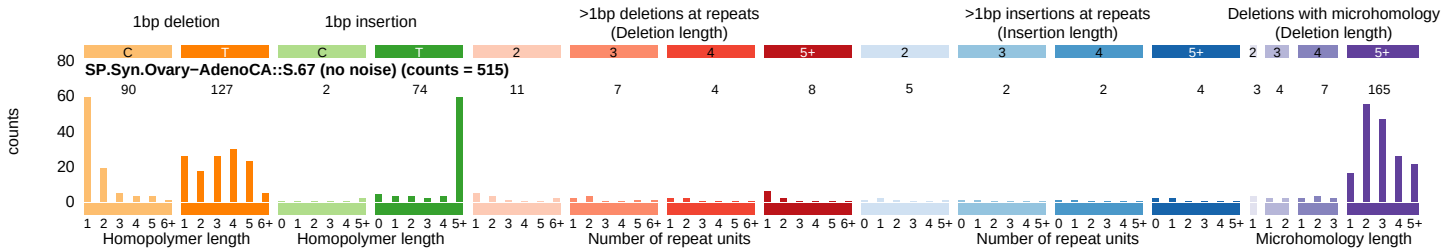
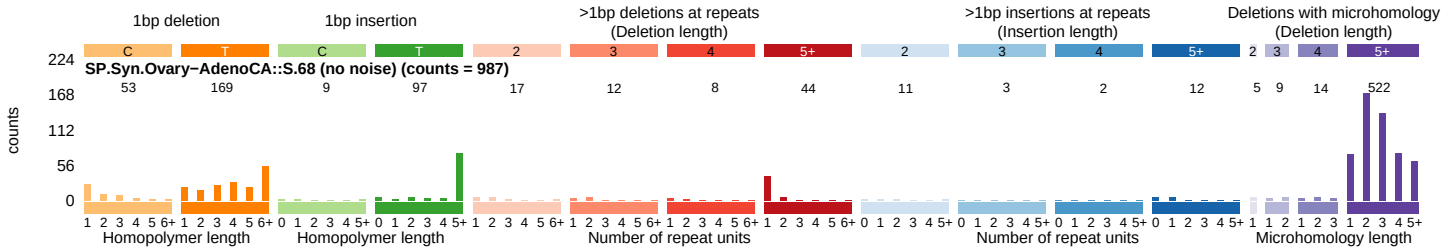
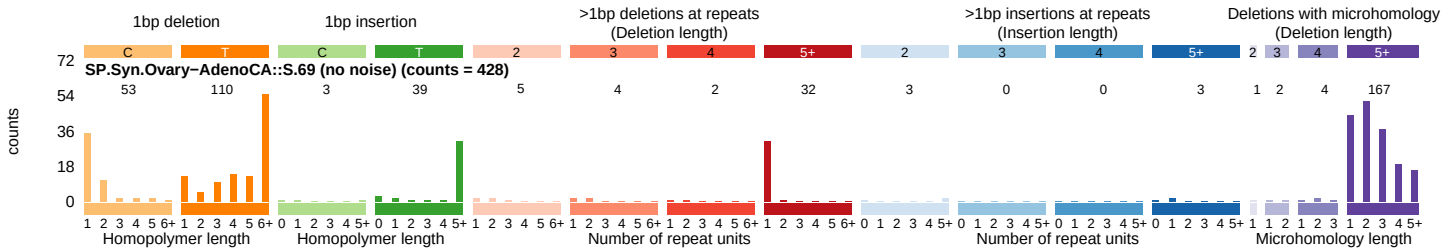
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.66 (no noise) (counts = 927)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.67 (no noise) (counts = 515)
counts
Homopolymer length
Number of repeat units
Microhomology 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.68 (no noise) (counts = 987)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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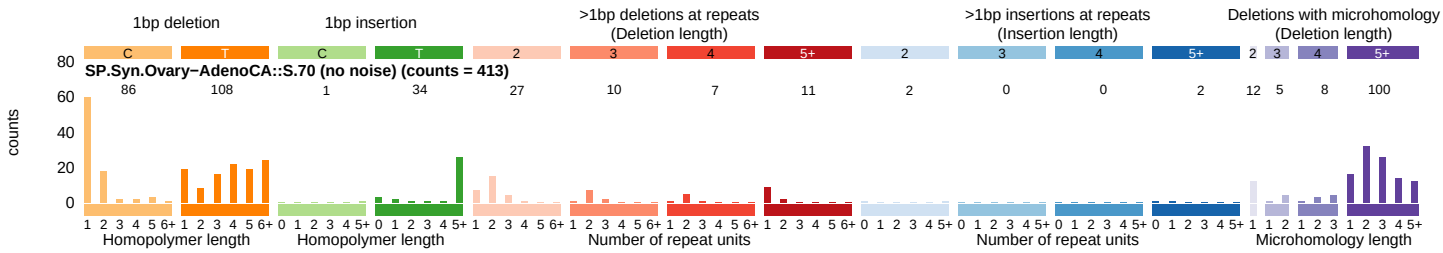
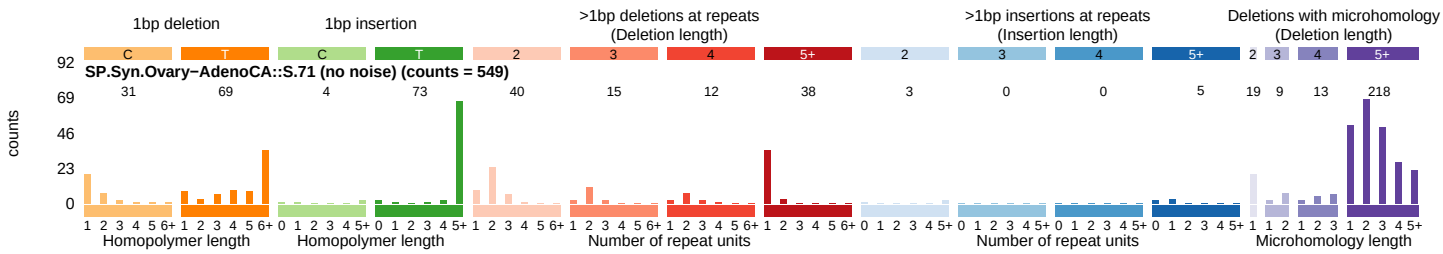
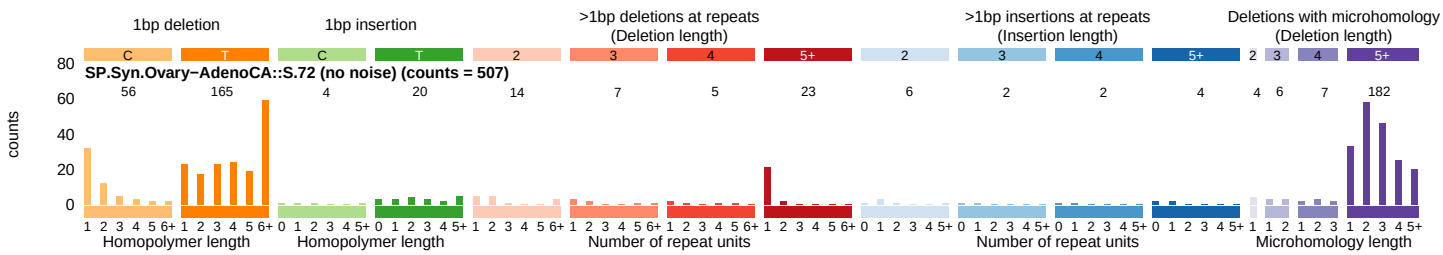
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.69 (no noise) (counts = 428)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.70 (no noise) (counts = 413)
counts
Homopolymer length
Number of repeat units
Microhomology 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.71 (no noise) (counts = 549)
counts
Homopolymer length
Number of repeat units
Microhomology length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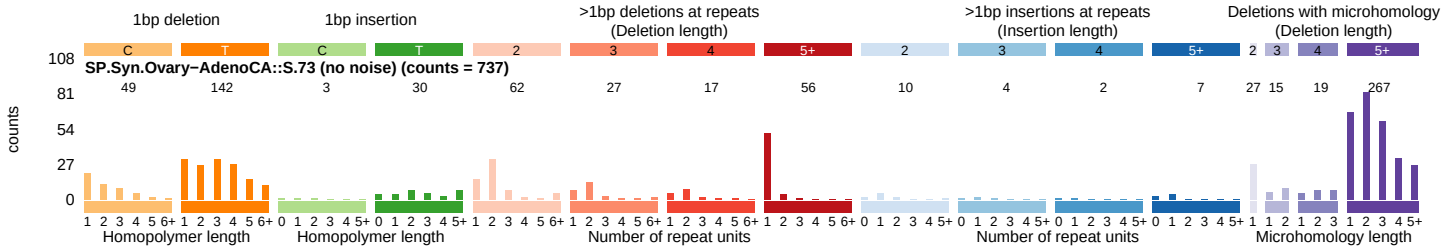
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.72 (no noise) (counts = 507)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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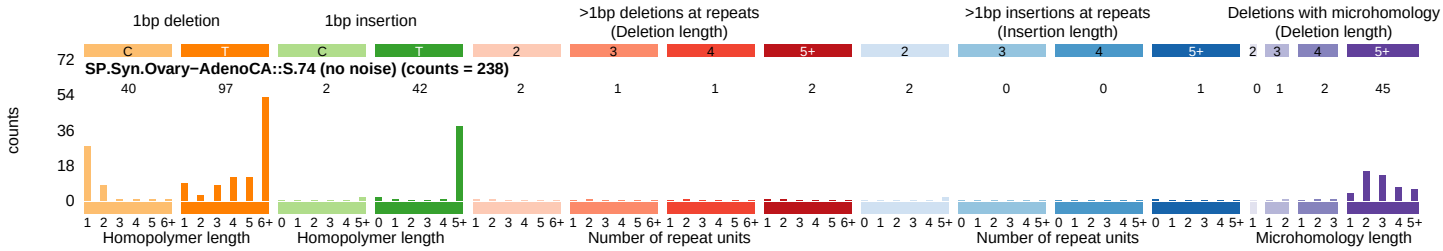
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.73 (no noise) (counts = 737)
counts
Homopolymer length
Number of repeat units
Microhomology length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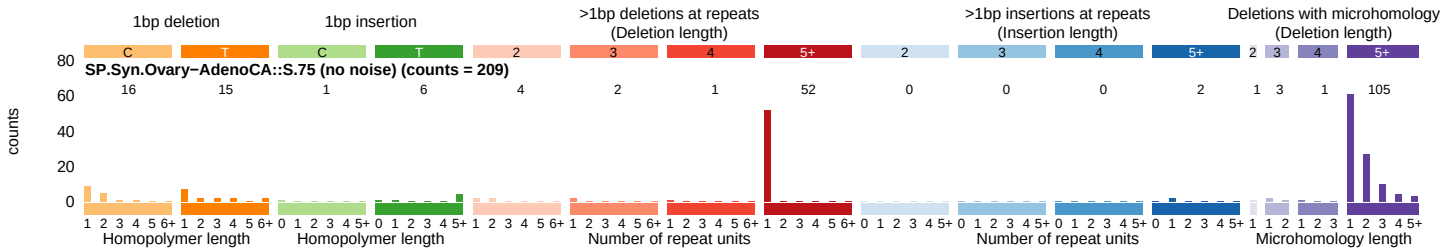
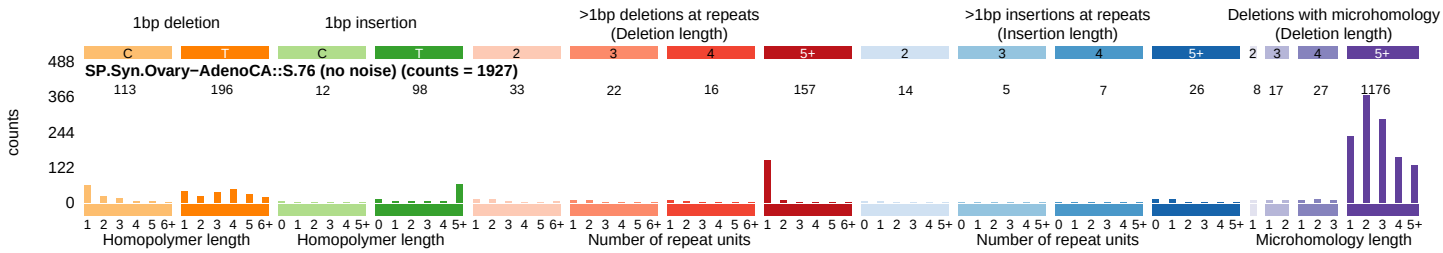
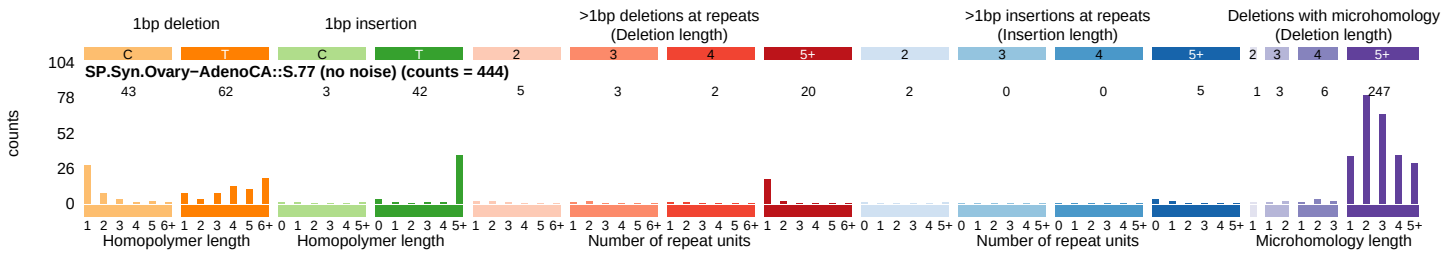
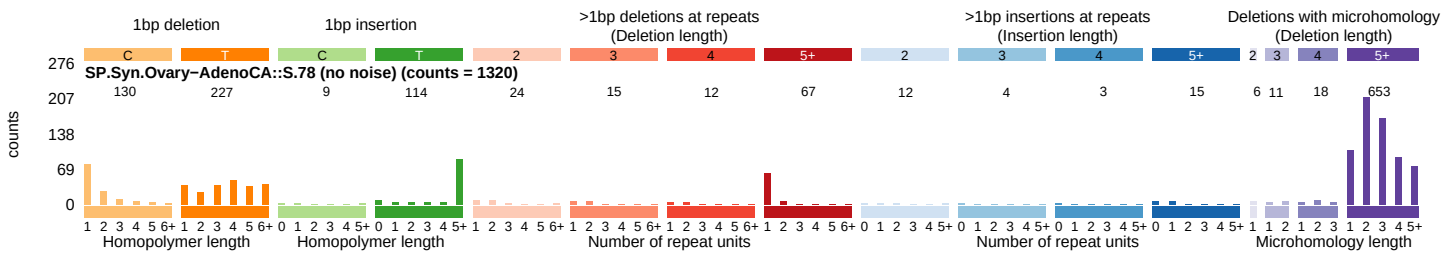
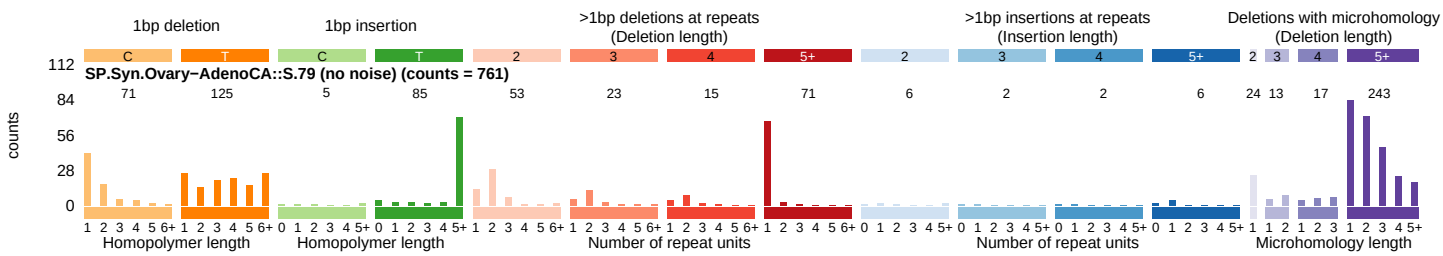
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.74 (no noise) (counts = 238)
counts
Homopolymer length
Number of repeat units
Microhomology length

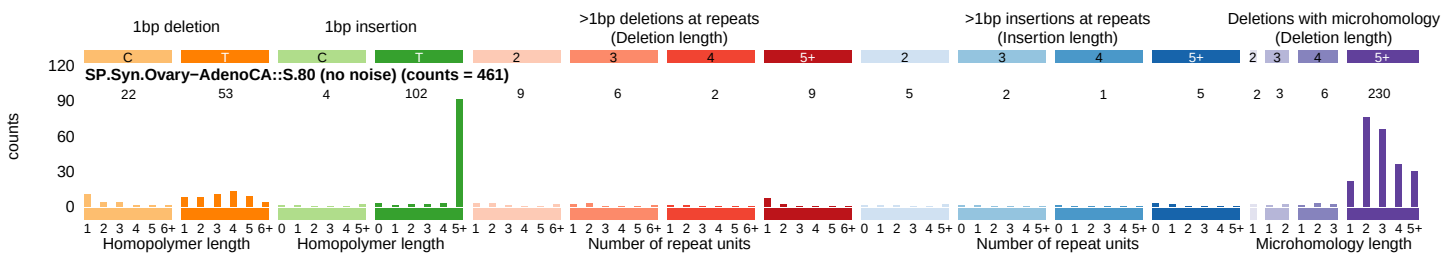

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.75 (no noise) (counts = 209)
counts
Homopolymer length
Number of repeat units
Microhomology length

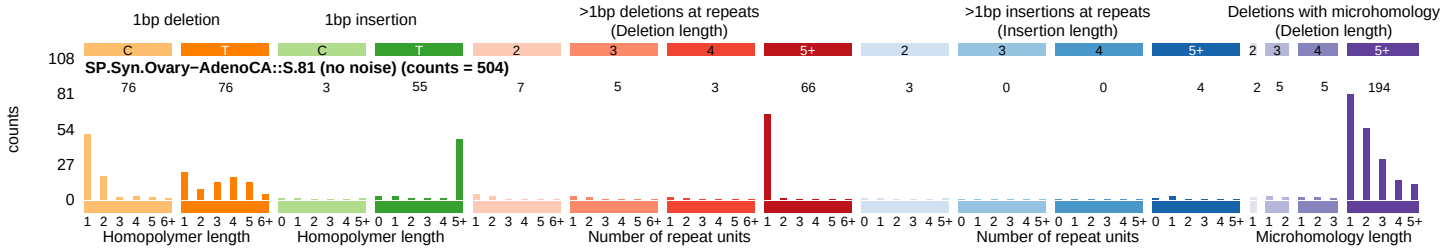

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.76 (no noise) (counts = 1927)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.77 (no noise) (counts = 444)
counts
Homopolymer length
Number of repeat units
Microhomology 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.78 (no noise) (counts = 1320)
counts
Homopolymer length
Number of repeat units
Microhomology 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.79 (no noise) (counts = 761)
counts
Homopolymer length
Number of repeat units
Microhomology 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.80 (no noise) (counts = 461)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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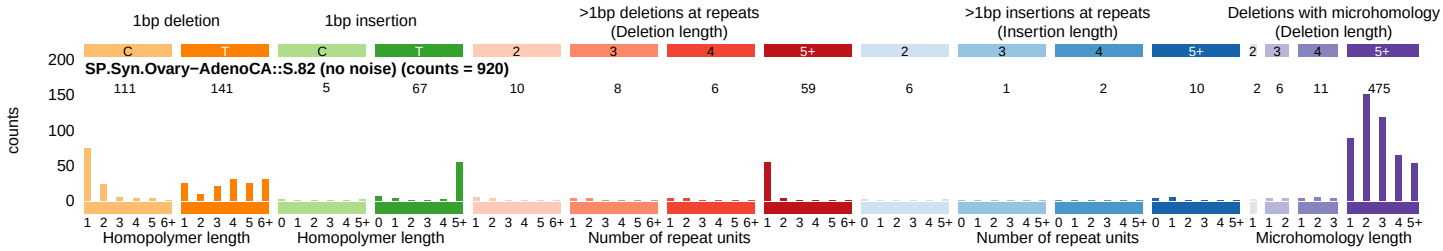
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.81 (no noise) (counts = 504)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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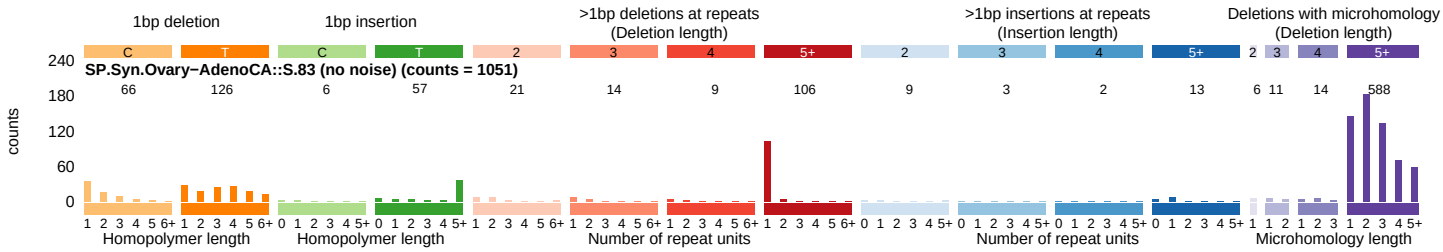
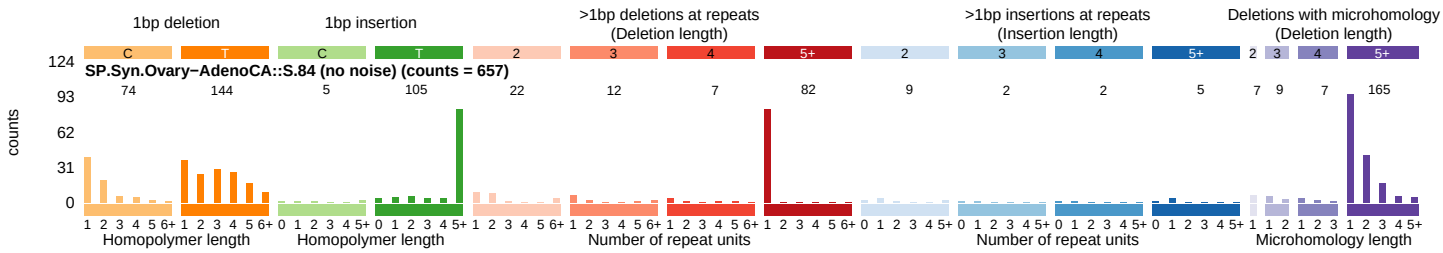
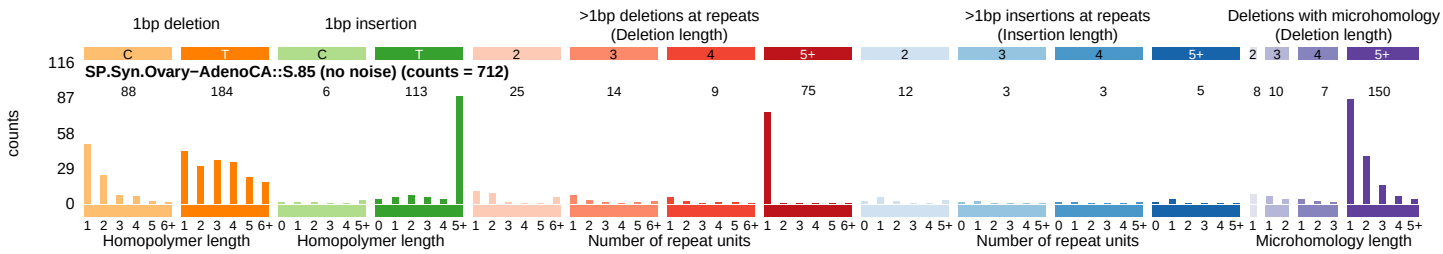
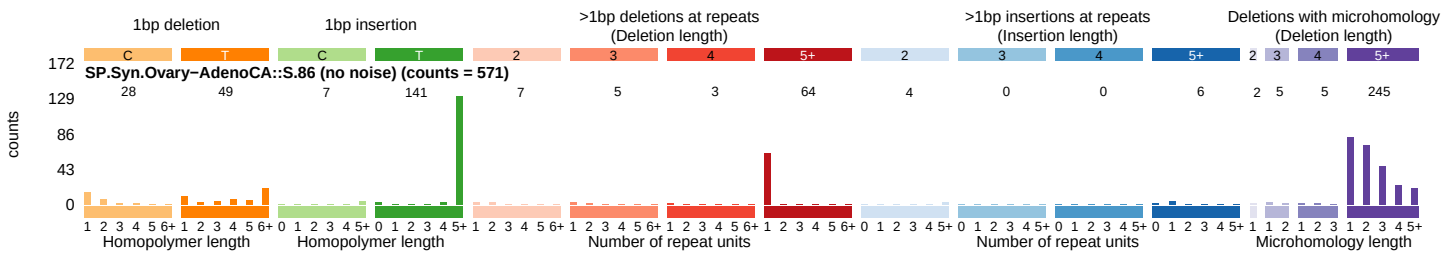
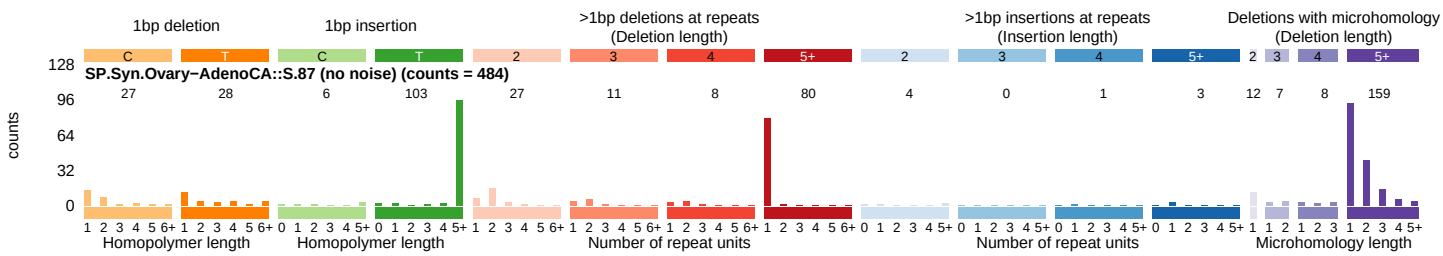
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.82 (no noise) (counts = 920)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.83 (no noise) (counts = 1051)
counts
Homopolymer length
Number of repeat units
Microhomology 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.84 (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.Ovary−AdenoCA::S.85 (no noise) (counts = 712)
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 571)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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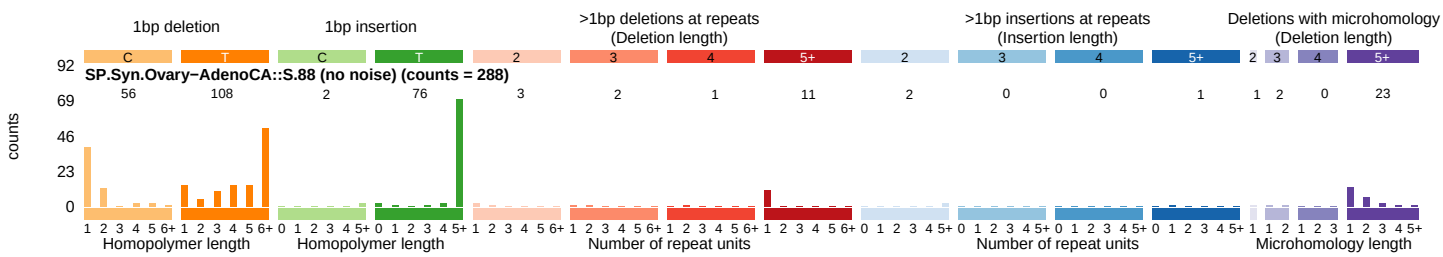
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.87 (no noise) (counts = 484)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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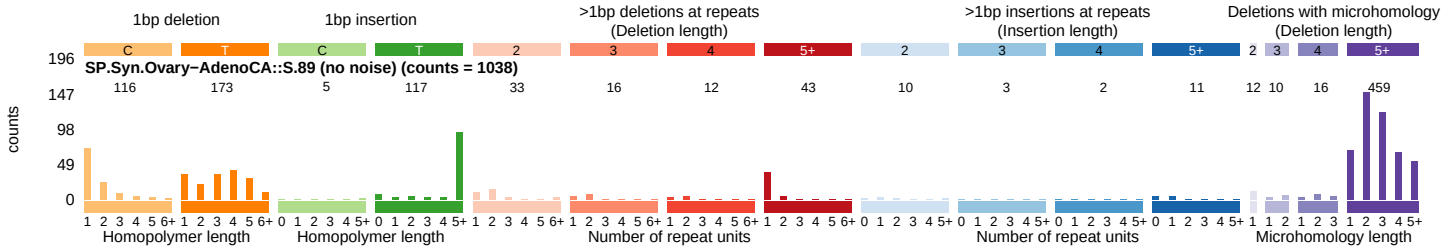
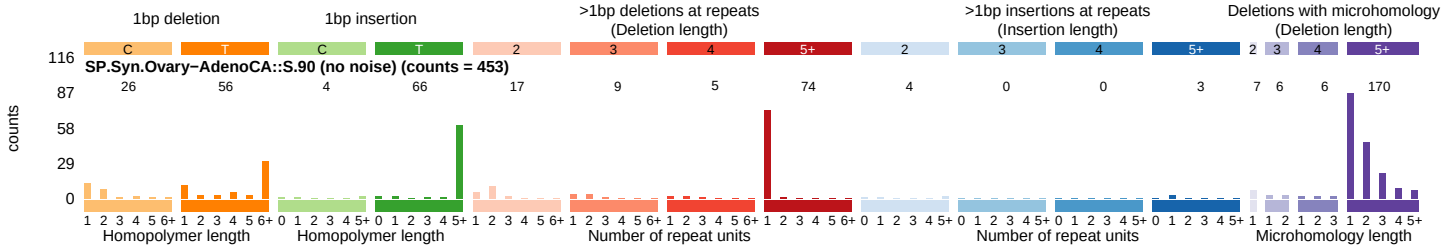
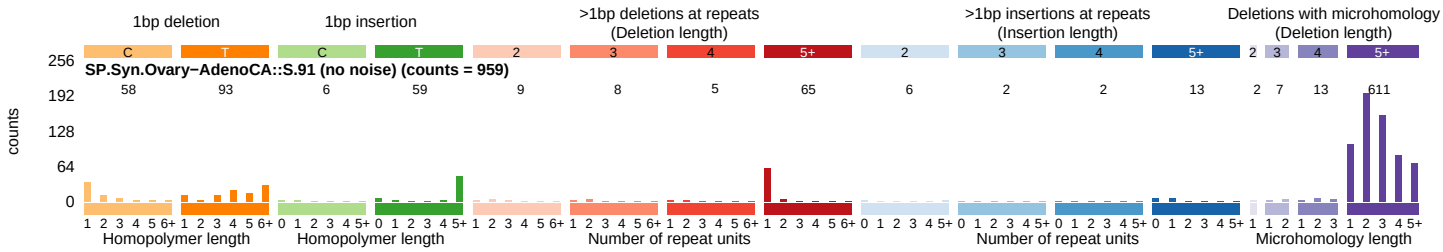
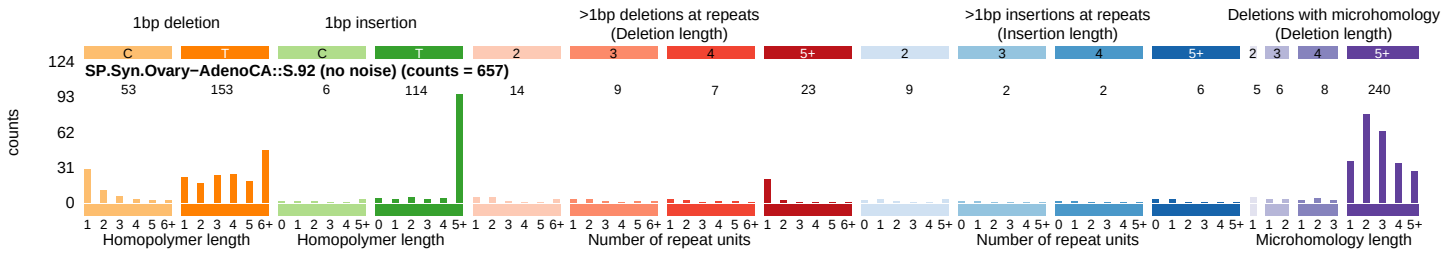
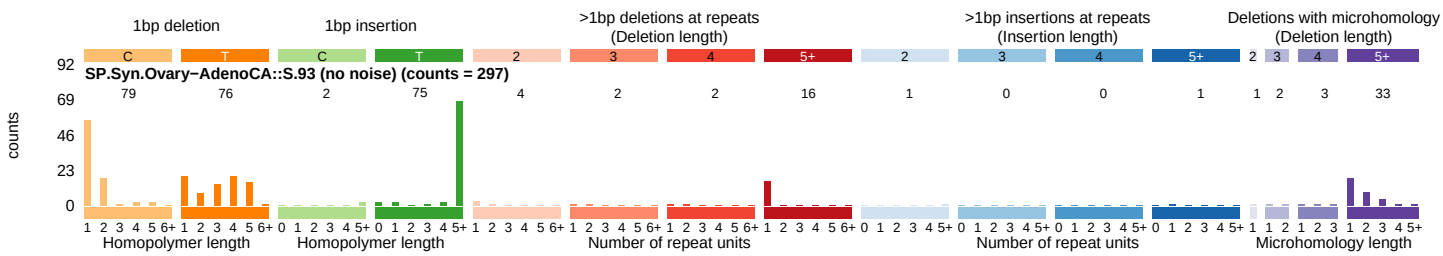
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.88 (no noise) (counts = 288)
counts
Homopolymer length
Number of repeat units
Microhomology length

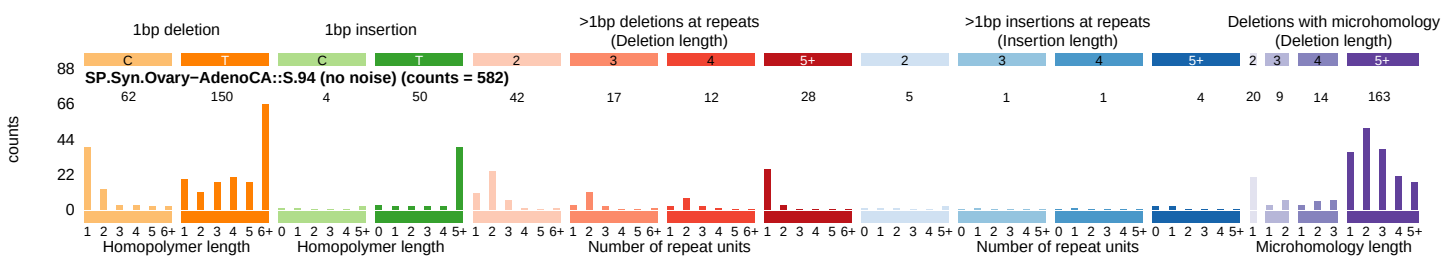

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.89 (no noise) (counts = 1038)
116 173 5 117 33 16 12 43 10 3 2 11 12 10 16 459
counts
Homopolymer length
Number of repeat units
Microhomology length

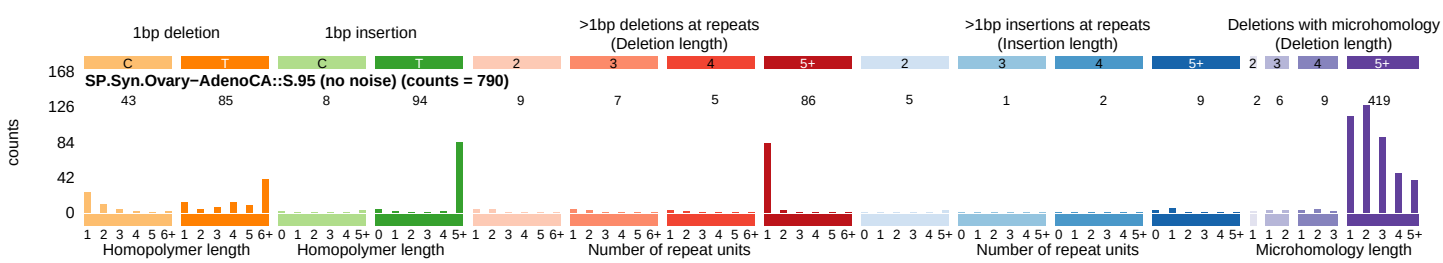

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.90 (no noise) (counts = 453)
26 56 4 66 17 9 5 74 4 0 0 3 7 6 6 170
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 959)
58 93 6 59 9 8 5 65 6 2 2 13 2 7 13 611
counts
Homopolymer length
Number of repeat units
Microhomology 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.92 (no noise) (counts = 657)
53 153 6 114 14 9 7 23 9 2 2 6 5 6 8 240
counts
Homopolymer length
Number of repeat units
Microhomology 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.93 (no noise) (counts = 297)
79 76 2 75 4 2 2 16 1 0 0 1 1 2 3 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.Ovary−AdenoCA::S.94 (no noise) (counts = 582)
62 150 4 50 42 17 12 28 5 1 1 4 20 9 14 163
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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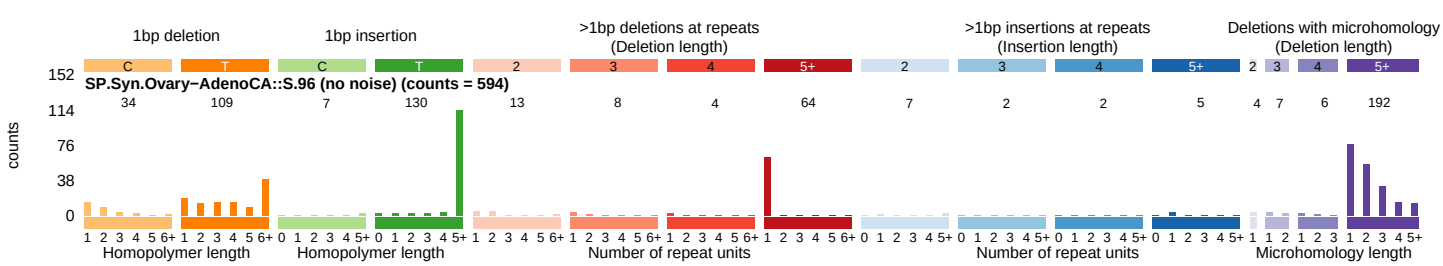
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.95 (no noise) (counts = 790)
43 85 8 94 9 7 5 86 5 1 2 9 2 6 9 419
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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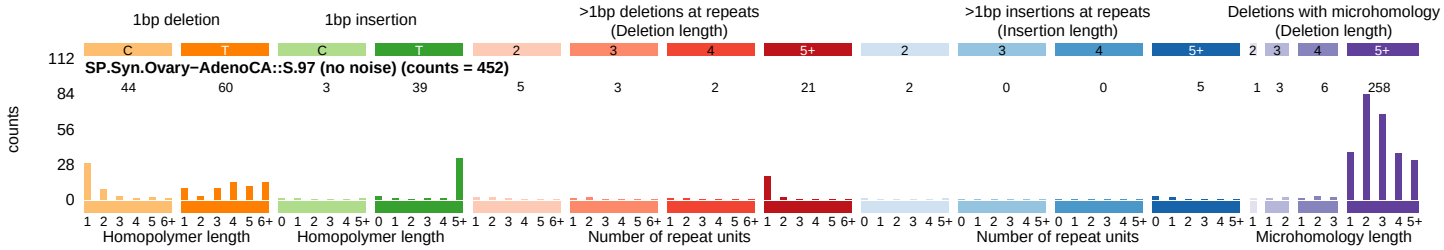
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.96 (no noise) (counts = 594)
34 109 7 130 13 8 4 64 7 2 2 5 4 7 6 192
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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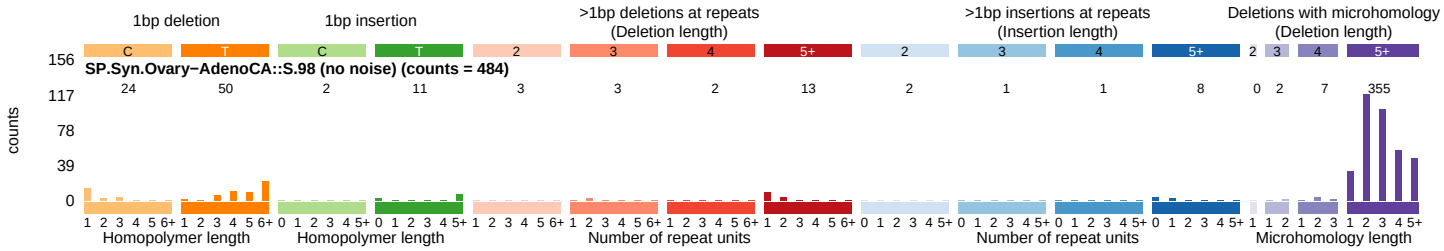
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.97 (no noise) (counts = 452)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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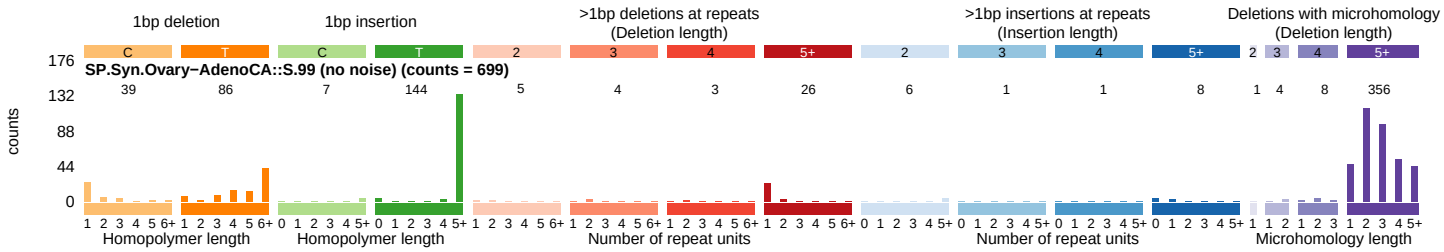
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.98 (no noise) (counts = 484)
counts
Homopolymer length
Number of repeat units
Microhomology length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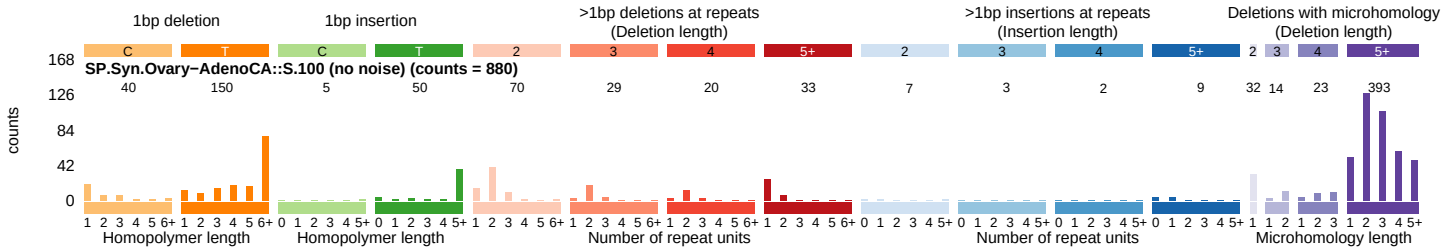
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.99 (no noise) (counts = 699)
counts
Homopolymer length
Number of repeat units
Microhomology length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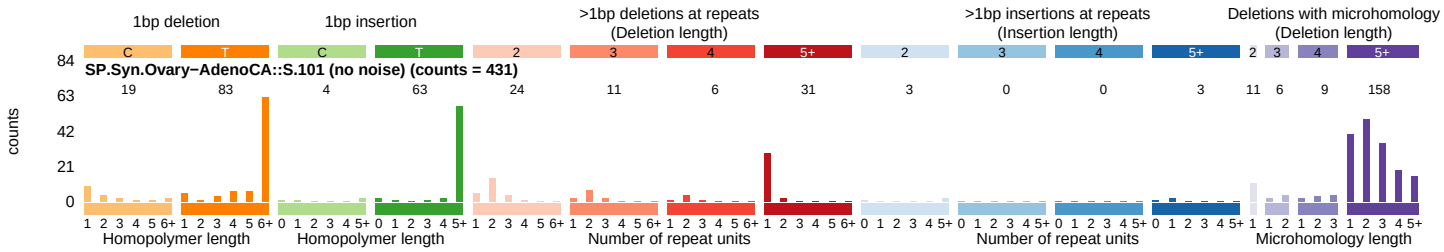
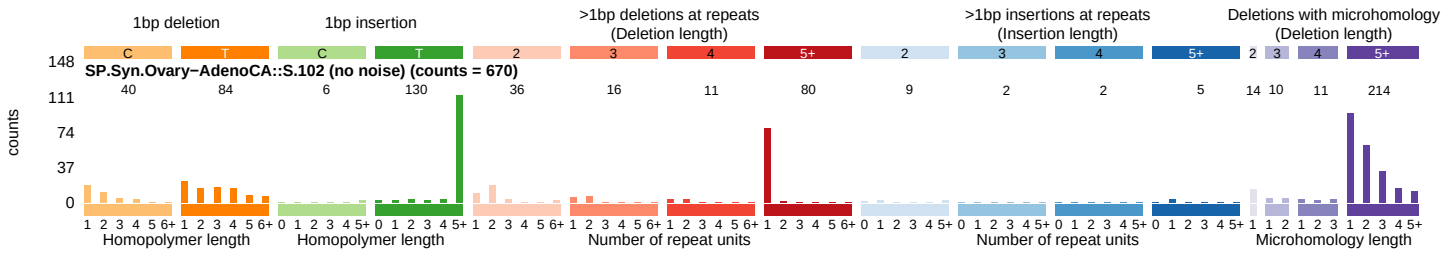
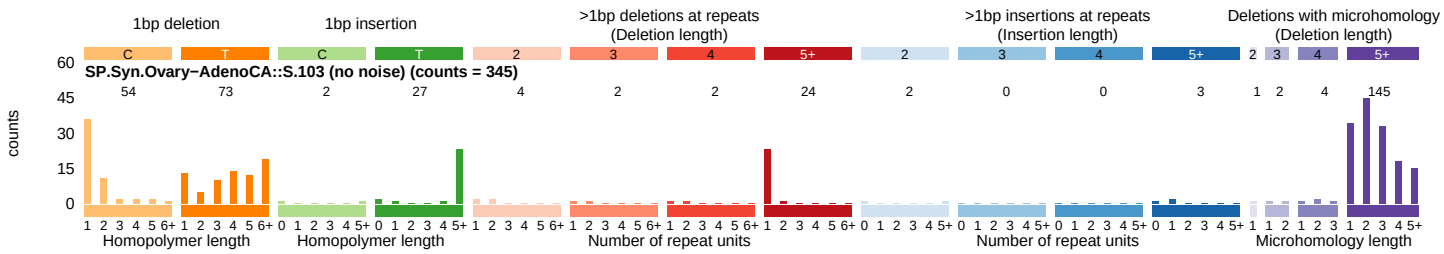
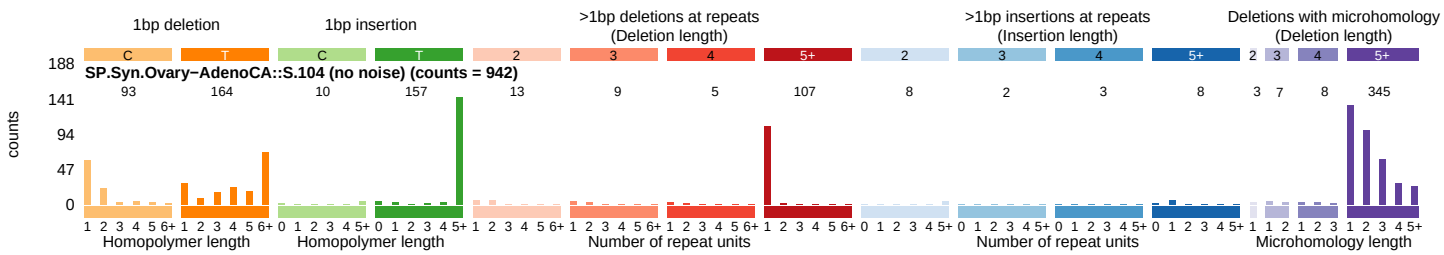
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.100 (no noise) (counts = 880)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 = 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.Ovary−AdenoCA::S.102 (no noise) (counts = 670)
counts
Homopolymer length
Number of repeat units
Microhomology 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.103 (no noise) (counts = 345)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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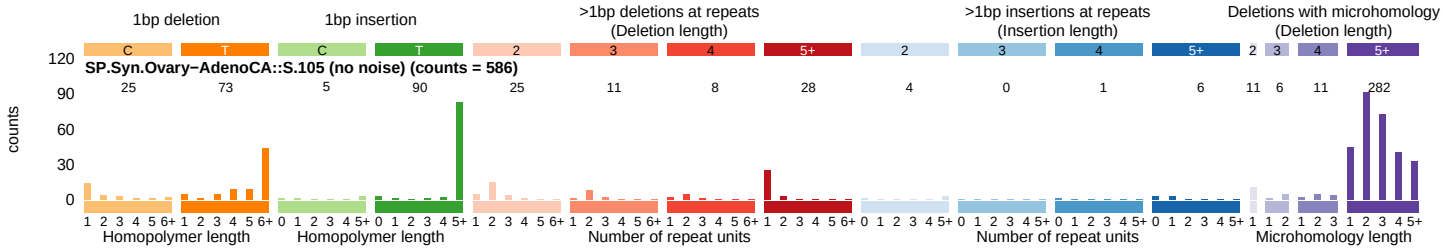
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.104 (no noise) (counts = 942)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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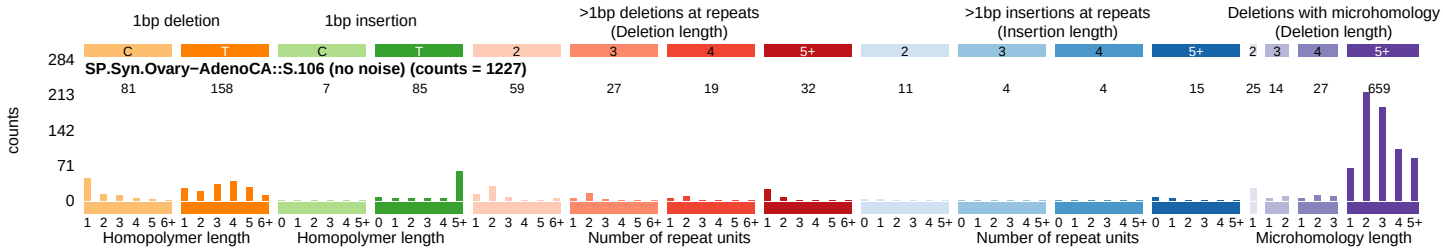
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.105 (no noise) (counts = 586)
25 73 5 90 25 11 8 28 4 0 1 6 11 6 11 282
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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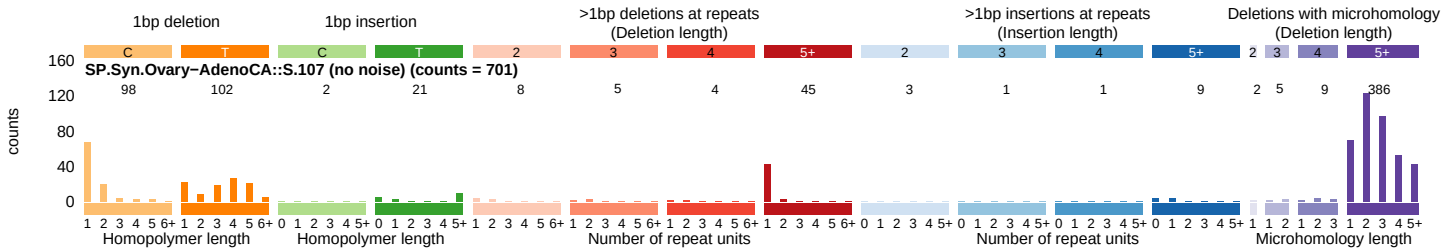
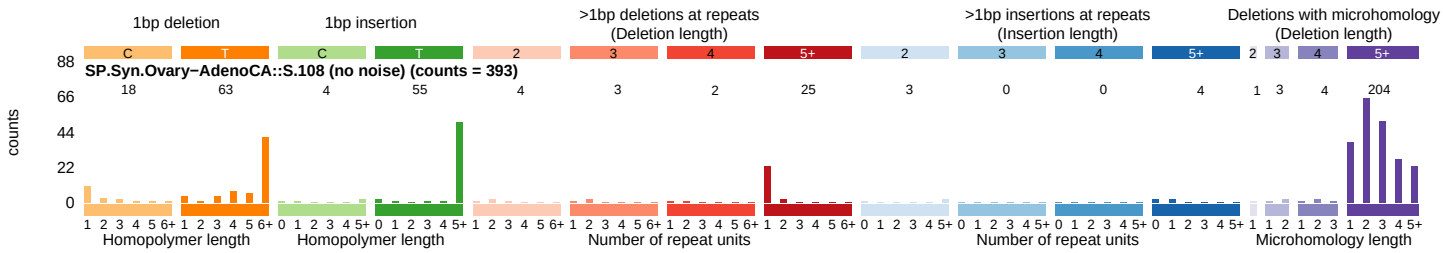
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.106 (no noise) (counts = 1227)
81 158 7 85 59 27 19 32 11 4 4 15 25 14 27 659
counts
Homopolymer length
Number of repeat units
Microhomology length


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.107 (no noise) (counts = 701)
98 102 2 21 8 5 4 45 3 1 1 9 2 5 9 386
counts
Homopolymer length
Number of repeat units
Microhomology length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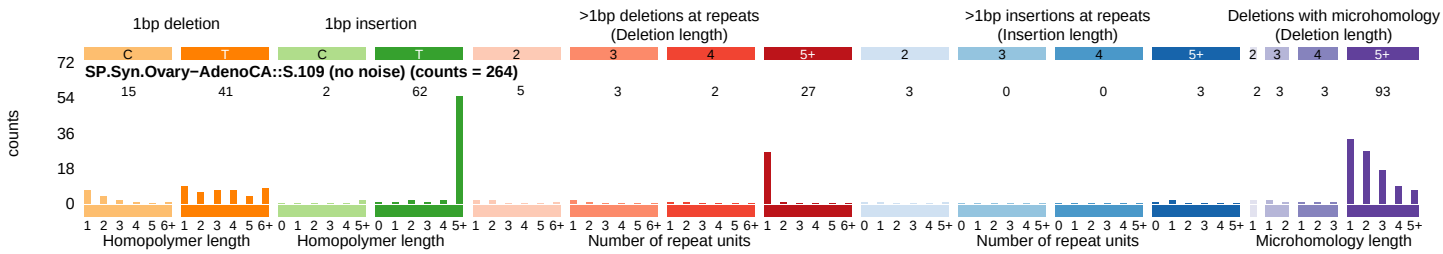
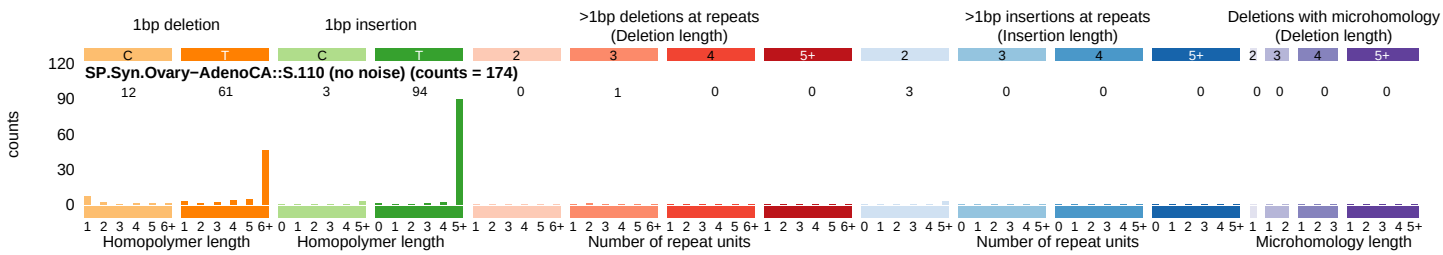
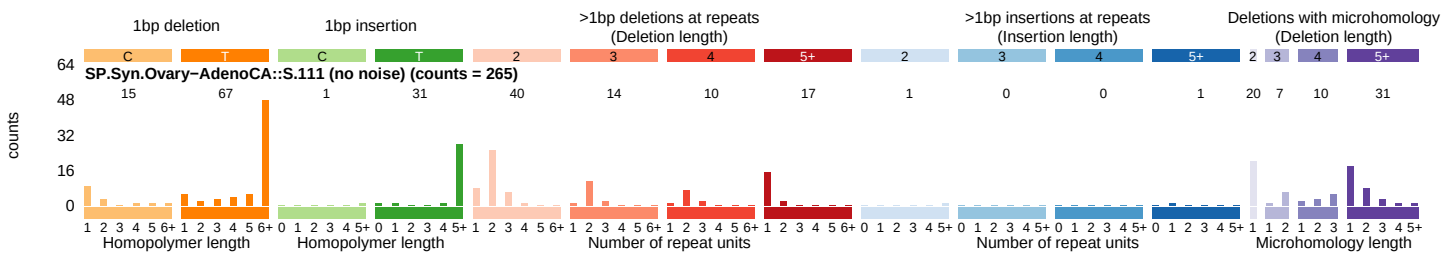
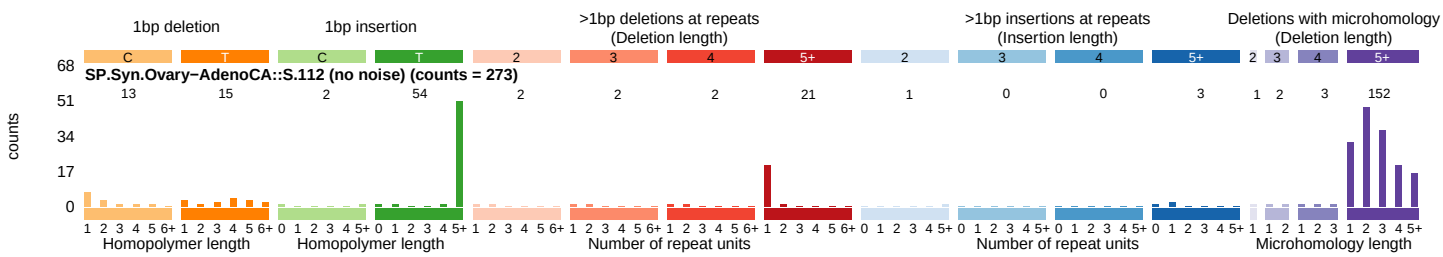
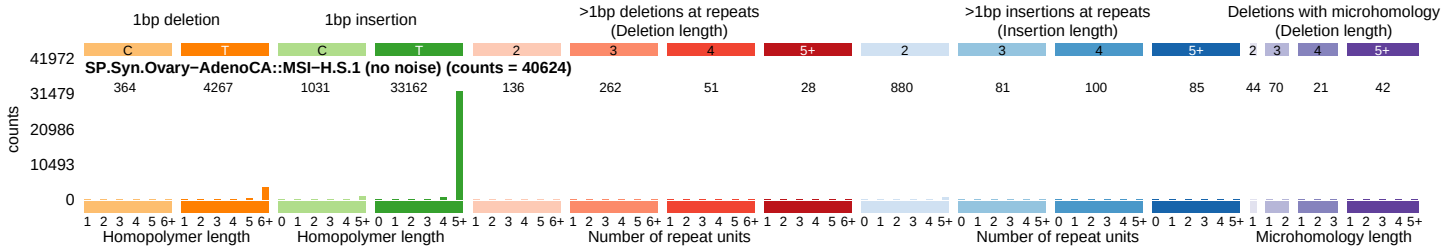
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.108 (no noise) (counts = 393)
18 63 4 55 4 3 2 25 3 0 0 4 1 3 4 204
counts
Homopolymer length
Number of repeat units
Microhomology length

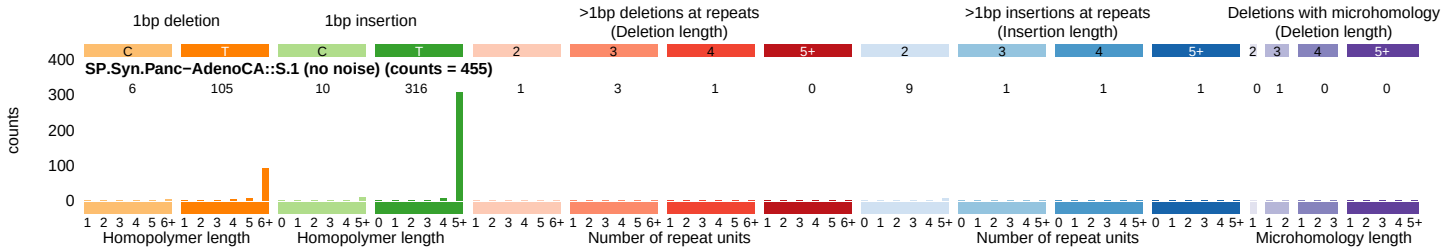

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.109 (no noise) (counts = 264)
15 41 2 62 5 3 2 27 3 0 0 3 2 3 3 93
counts
Homopolymer length
Number of repeat units
Microhomology length

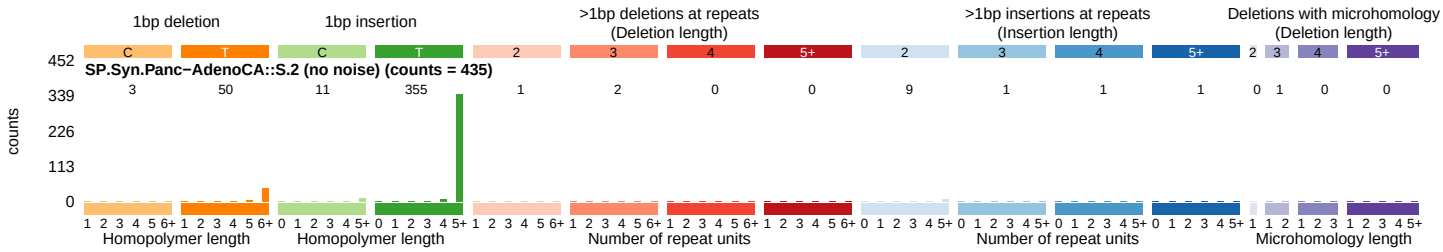

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.110 (no noise) (counts = 174)
12 61 3 94 0 1 0 0 3 0 0 0 0 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

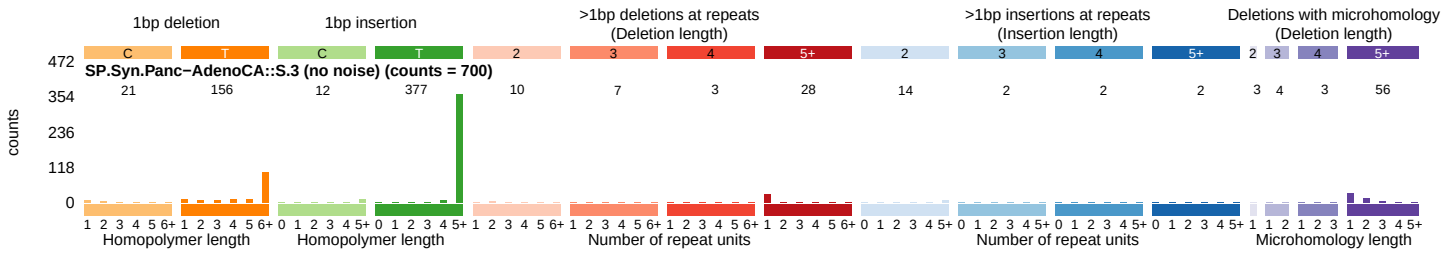

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.111 (no noise) (counts = 265)
15 67 1 31 40 14 10 17 1 0 0 1 20 7 10 31
counts
Homopolymer length
Number of repeat units
Microhomology length

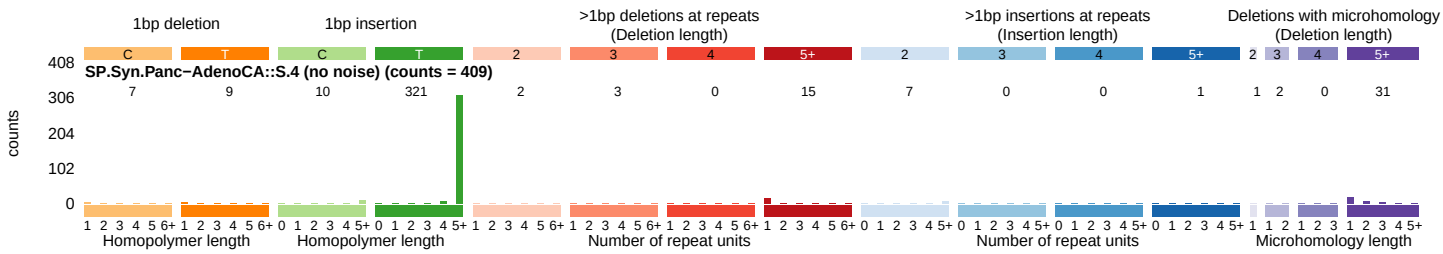

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.112 (no noise) (counts = 273)
13 15 2 54 2 2 2 21 1 0 0 3 1 2 3 152
counts
Homopolymer length
Number of repeat units
Microhomology length

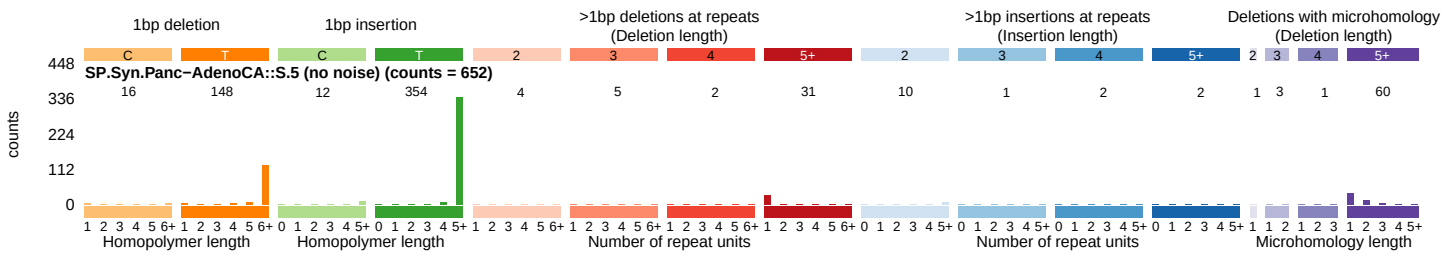

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::MSI−H.S.1 (no noise) (counts = 40624)
364 4267 1031 33162 136 262 51 28 880 81 100 85 44 70 21 42
counts
41972 31479 20986 10493 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

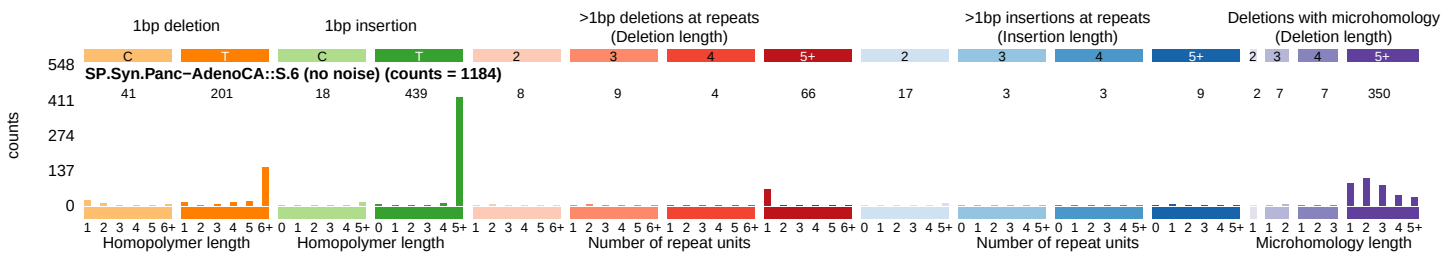

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.1 (no noise) (counts = 455)
6 105 10 316 1 3 1 0 9 1 1 1 0 1 0 0
counts
400 300 200 100 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

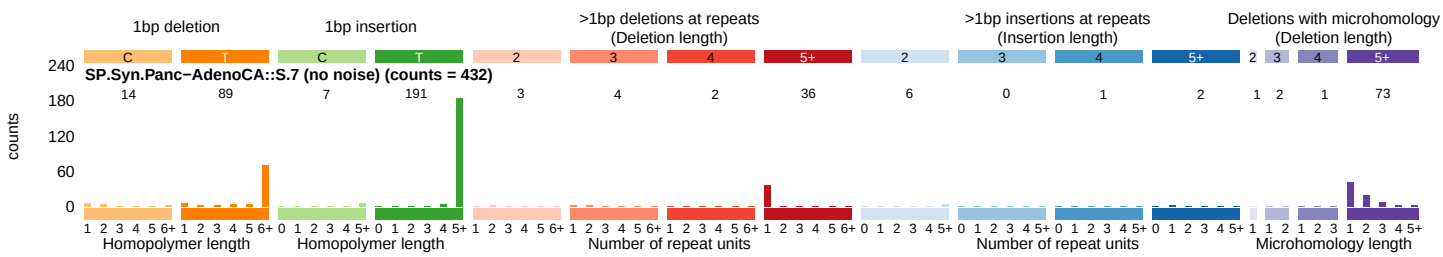

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.2 (no noise) (counts = 435)
3 50 11 355 1 2 0 0 9 1 1 1 0 1 0 0
counts
452 339 226 113 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

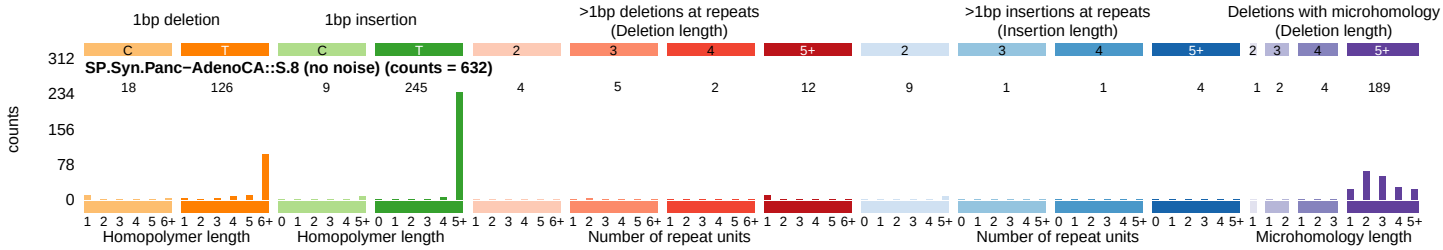

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.3 (no noise) (counts = 700)
21 156 12 377 10 7 3 28 14 2 2 2 3 4 3 56
counts
472 354 236 118 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

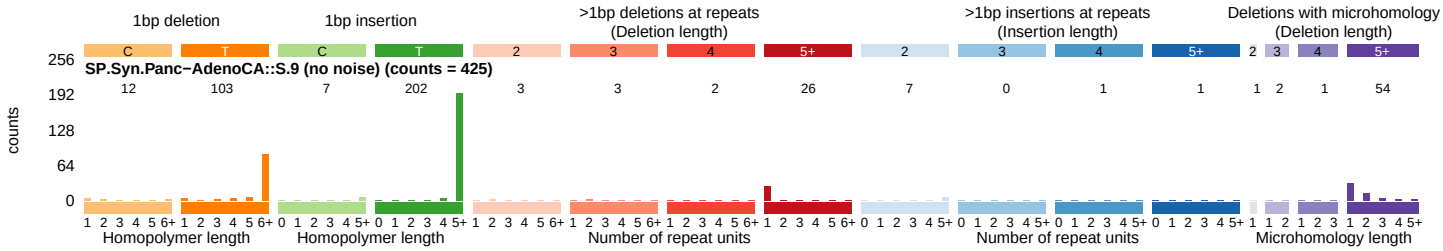

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.4 (no noise) (counts = 409)
7 9 10 321 2 3 0 15 7 0 0 1 1 2 0 31
counts
408 306 204 102 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

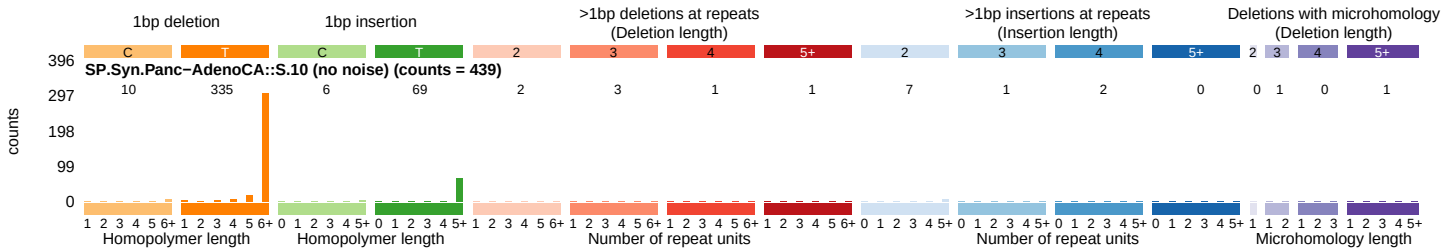

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.5 (no noise) (counts = 652)
16 148 12 354 4 5 2 31 10 1 2 2 1 3 1 60
counts
448 336 224 112 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

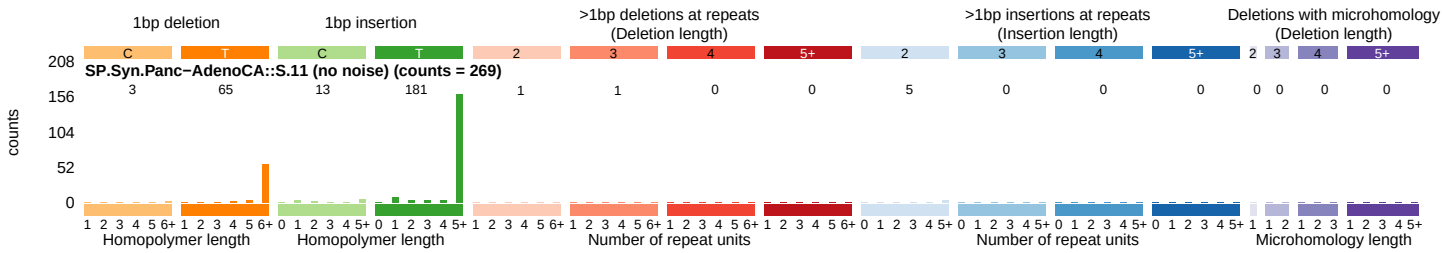

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.6 (no noise) (counts = 1184)
41 201 18 439 8 9 4 66 17 3 3 9 2 7 7 350
counts
548 411 274 137 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

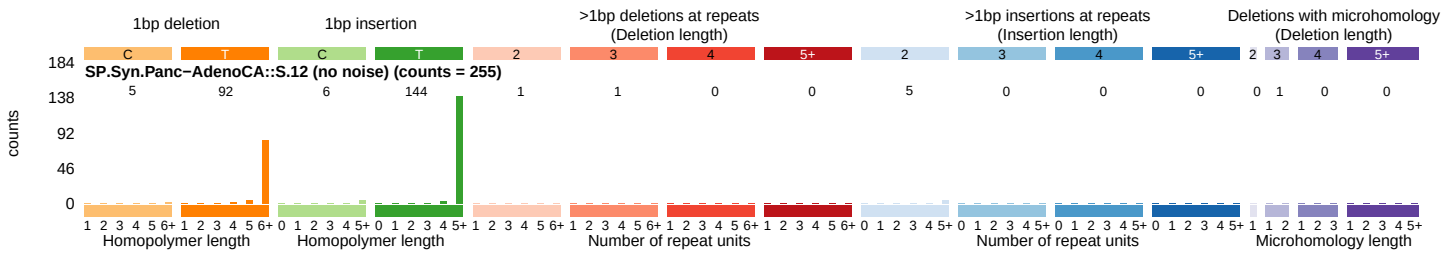

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.7 (no noise) (counts = 432)
14 89 7 191 3 4 2 36 6 0 1 2 1 2 1 73
counts
240 180 120 60 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.Panc−AdenoCA::S.8 (no noise) (counts = 632)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.9 (no noise) (counts = 425)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.10 (no noise) (counts = 439)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.11 (no noise) (counts = 269)
counts
Homopolymer length
Number of repeat units
Microhomology length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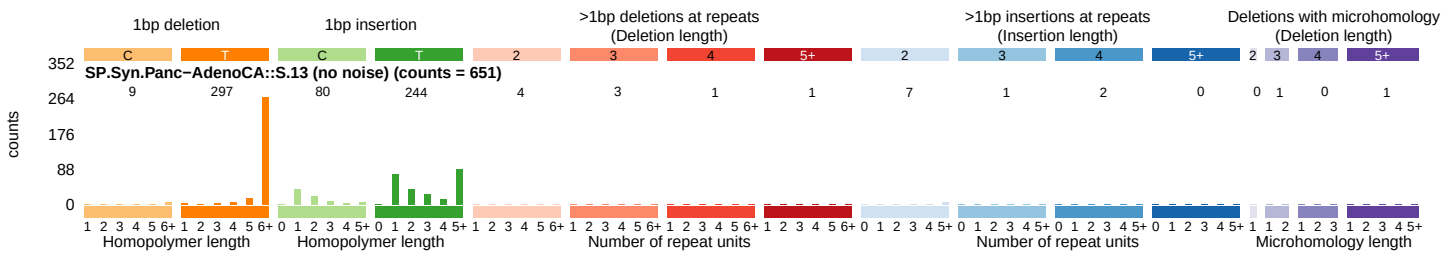
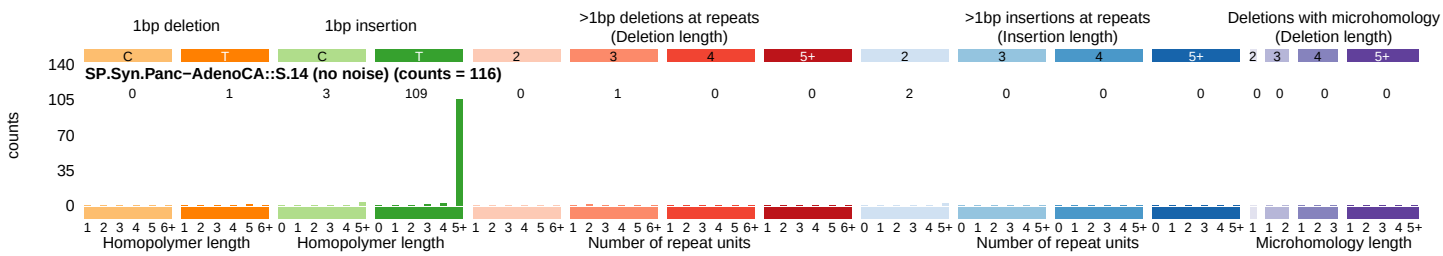
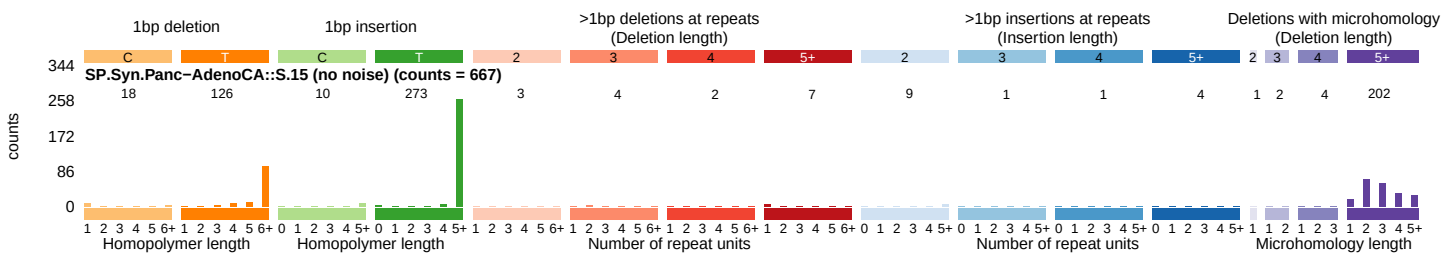
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.12 (no noise) (counts = 255)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.13 (no noise) (counts = 651)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.14 (no noise) (counts = 116)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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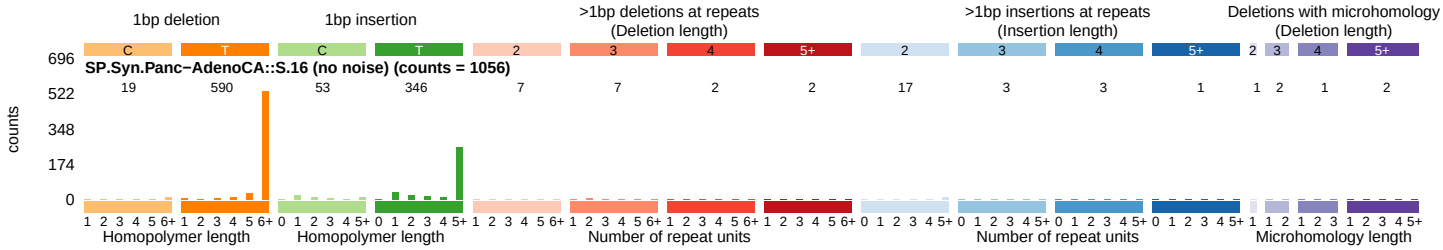
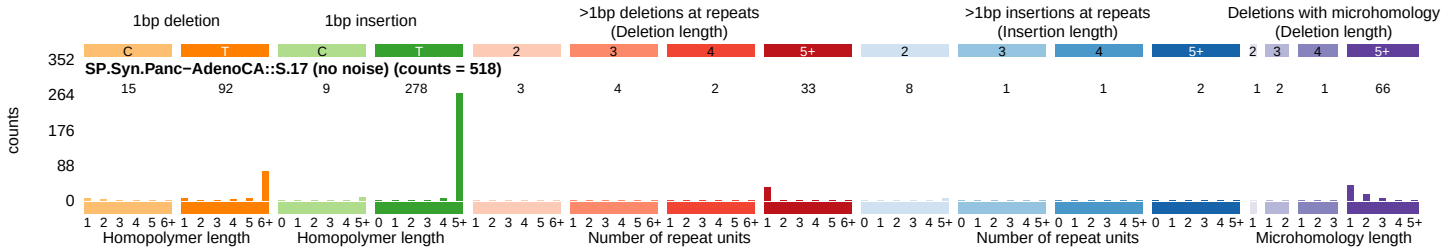
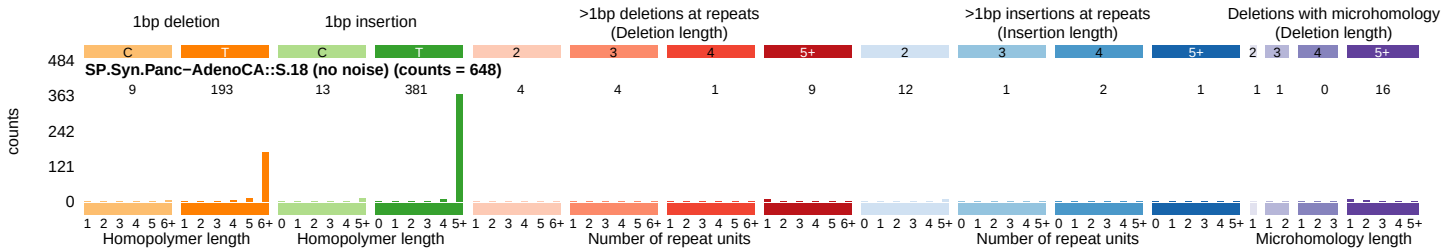
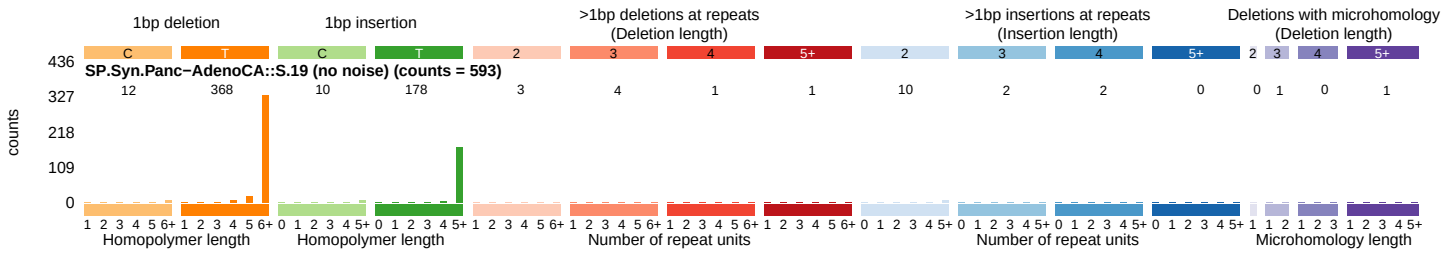
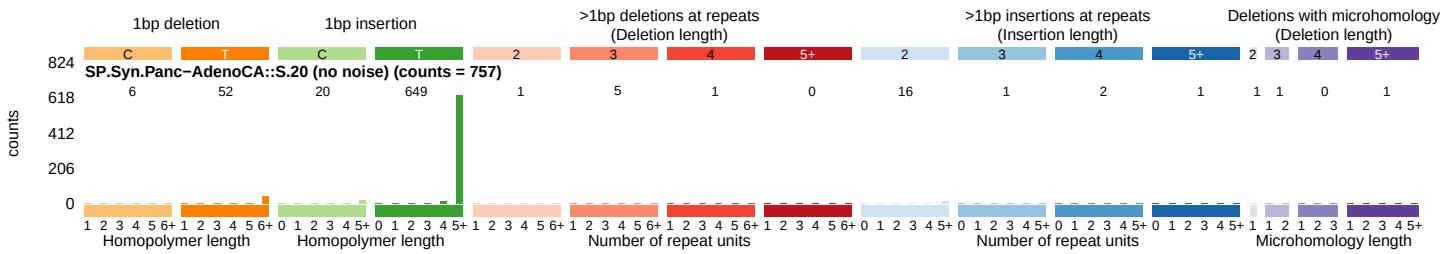
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.15 (no noise) (counts = 667)
counts
Homopolymer length
Number of repeat units
Microhomology length

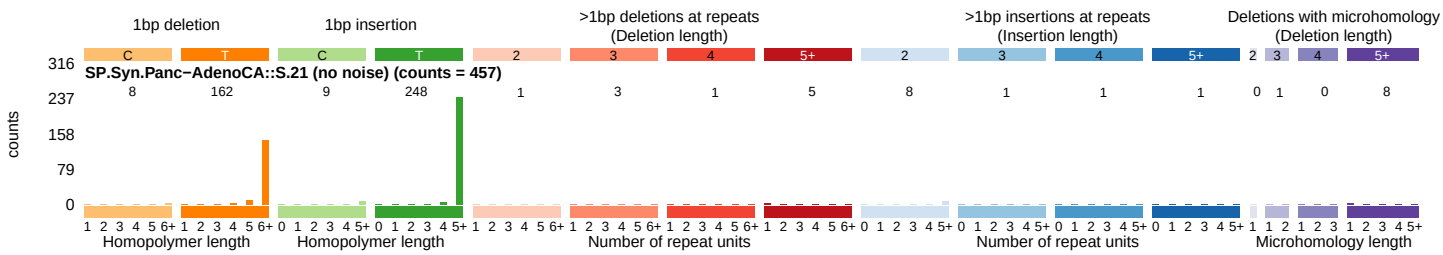

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.16 (no noise) (counts = 1056)
counts
Homopolymer length
Number of repeat units
Microhomology length

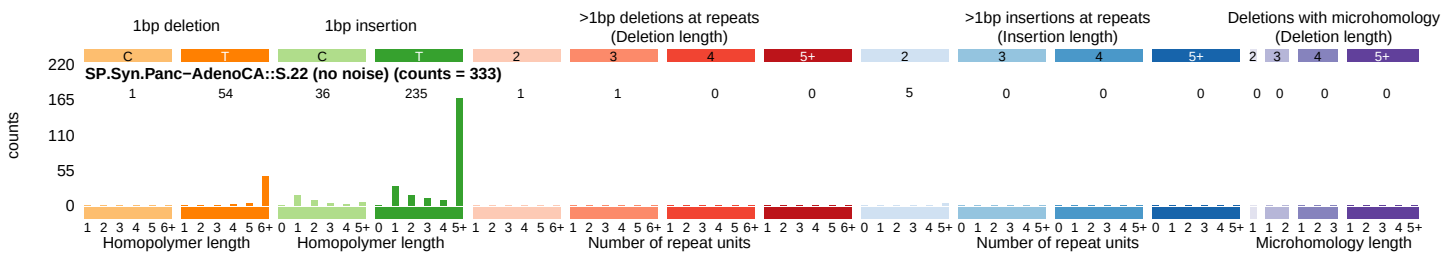

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.17 (no noise) (counts = 518)
counts
Homopolymer length
Number of repeat units
Microhomology length

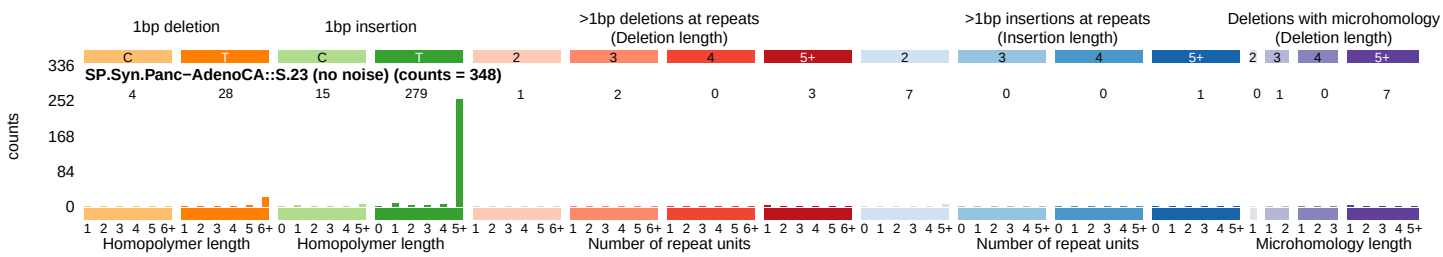

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.18 (no noise) (counts = 648)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.19 (no noise) (counts = 593)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.20 (no noise) (counts = 757)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−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.Panc−AdenoCA::S.22 (no noise) (counts = 333)
counts
Homopolymer length
Number of repeat units
Microhomology length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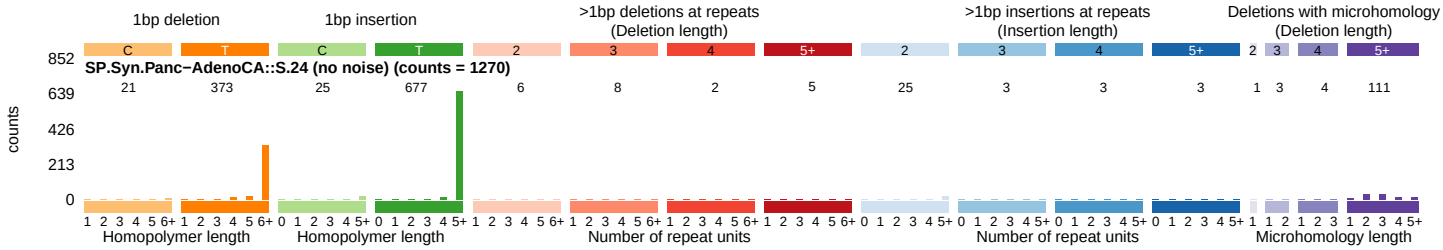
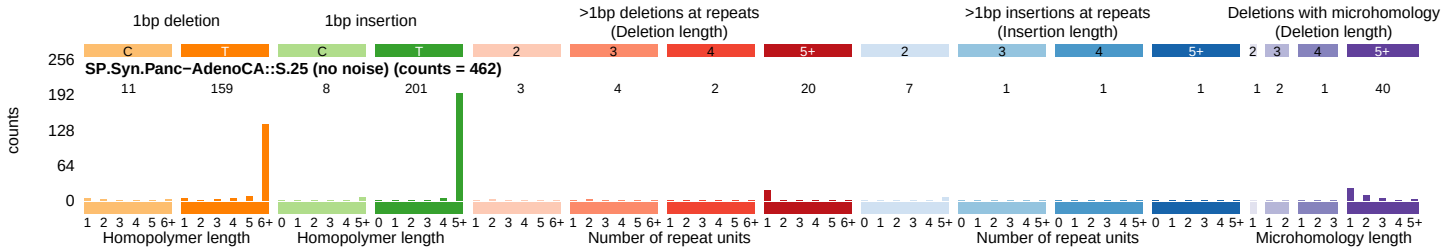
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.23 (no noise) (counts = 348)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.24 (no noise) (counts = 1270)
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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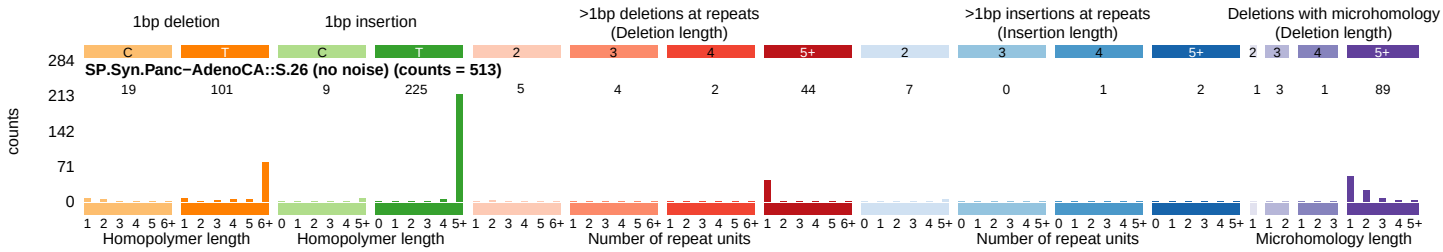
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.25 (no noise) (counts = 462)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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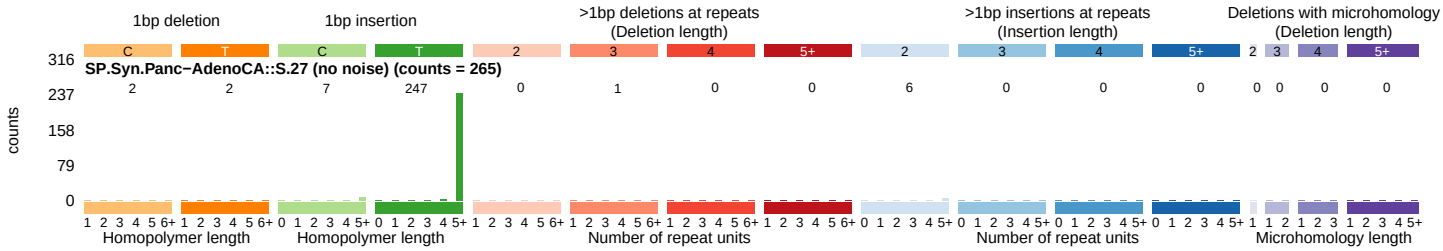
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.26 (no noise) (counts = 513)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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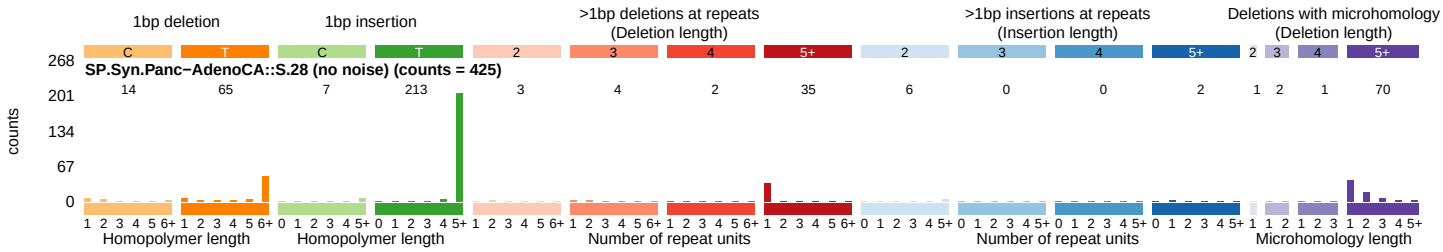
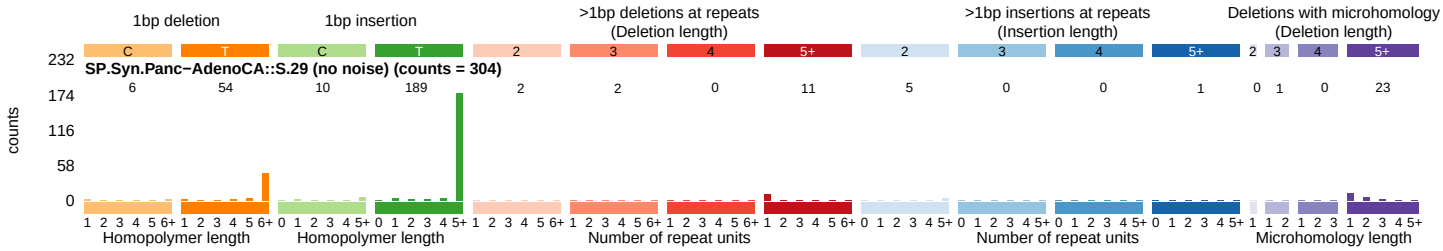
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.27 (no noise) (counts = 265)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.28 (no noise) (counts = 425)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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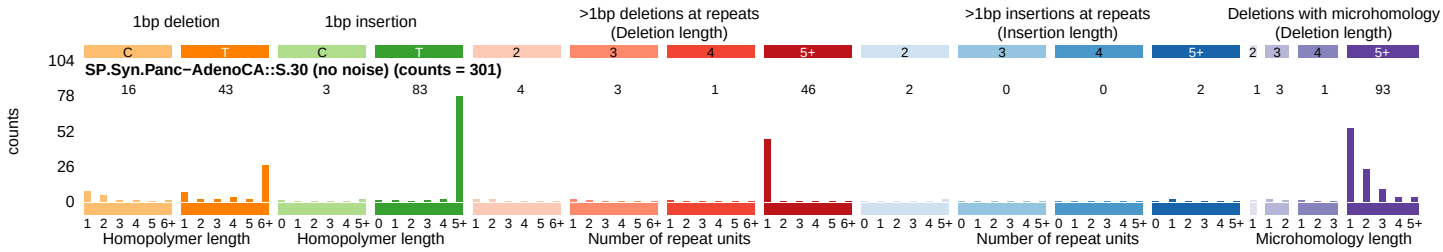
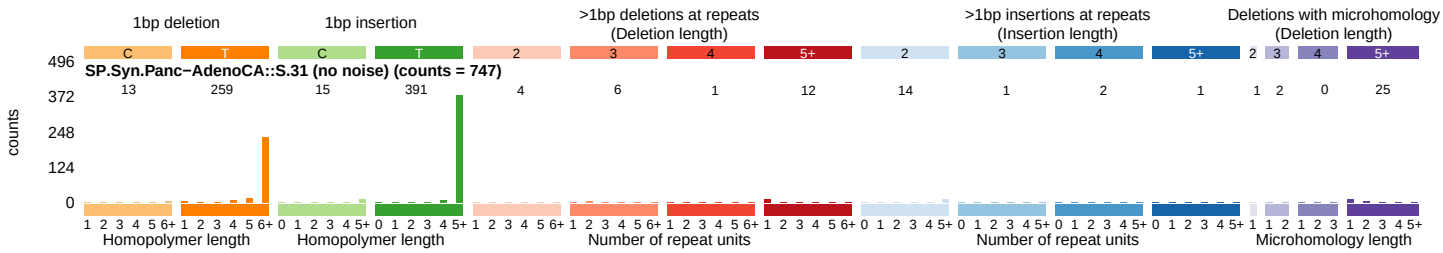
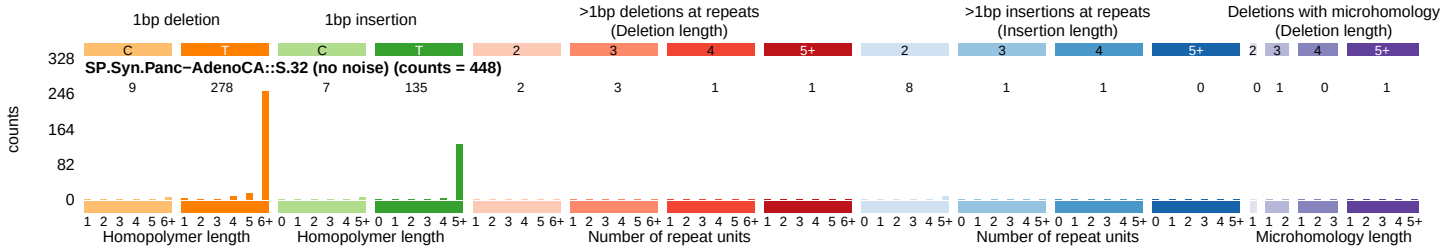
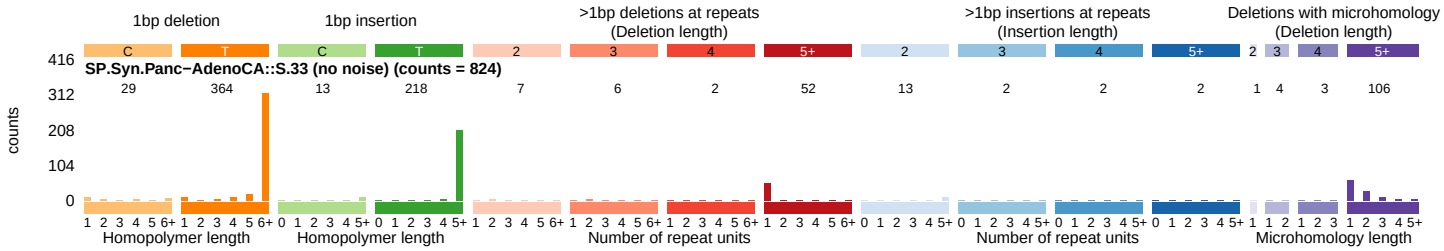
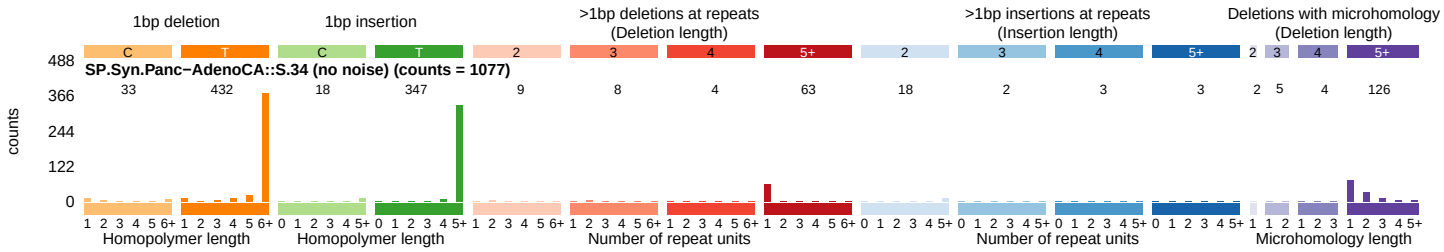
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.29 (no noise) (counts = 304)
counts
Homopolymer length
Number of repeat units
Microhomology length

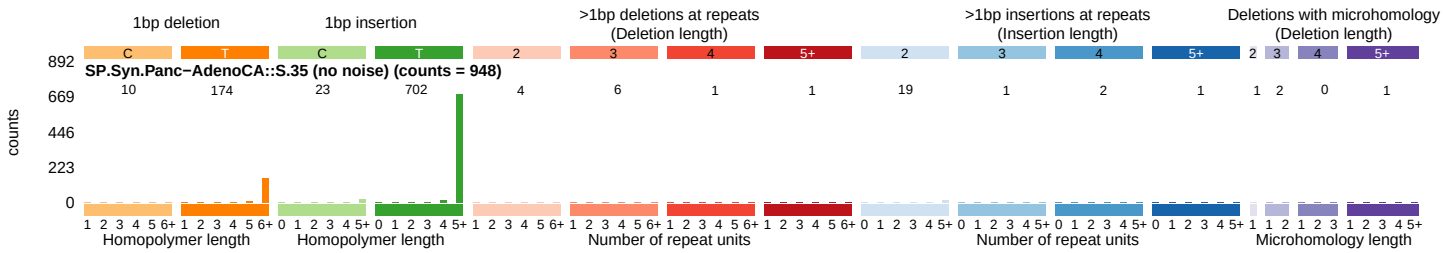

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.30 (no noise) (counts = 301)
counts
Homopolymer length
Number of repeat units
Microhomology length

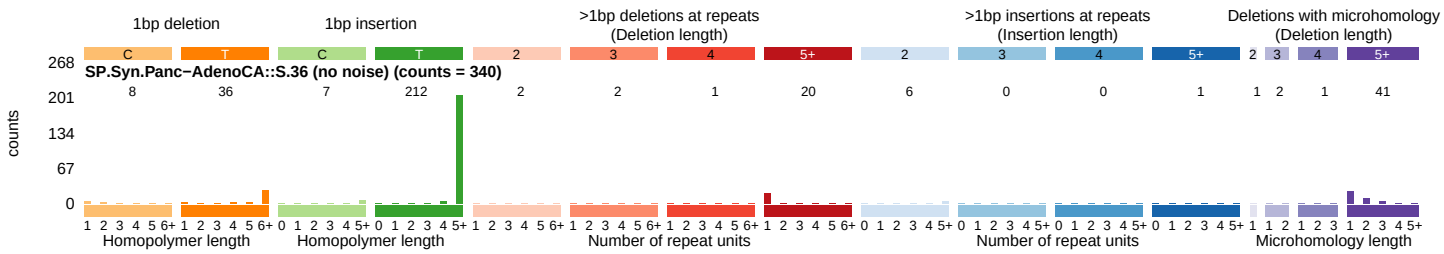

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.31 (no noise) (counts = 747)
counts
Homopolymer length
Number of repeat units
Microhomology length

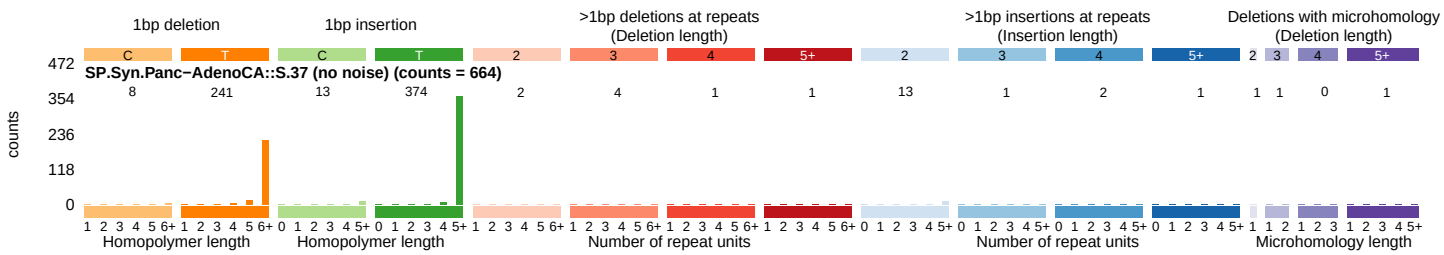

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.32 (no noise) (counts = 448)
counts
Homopolymer length
Number of repeat units
Microhomology length

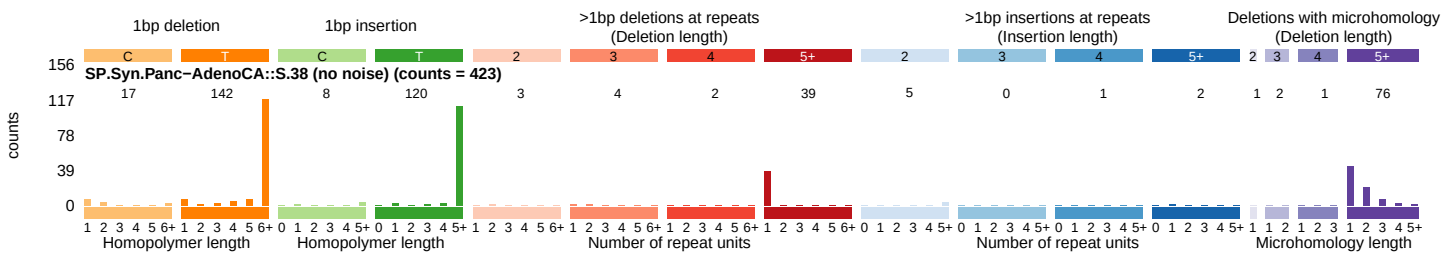

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.33 (no noise) (counts = 824)
counts
Homopolymer length
Number of repeat units
Microhomology length

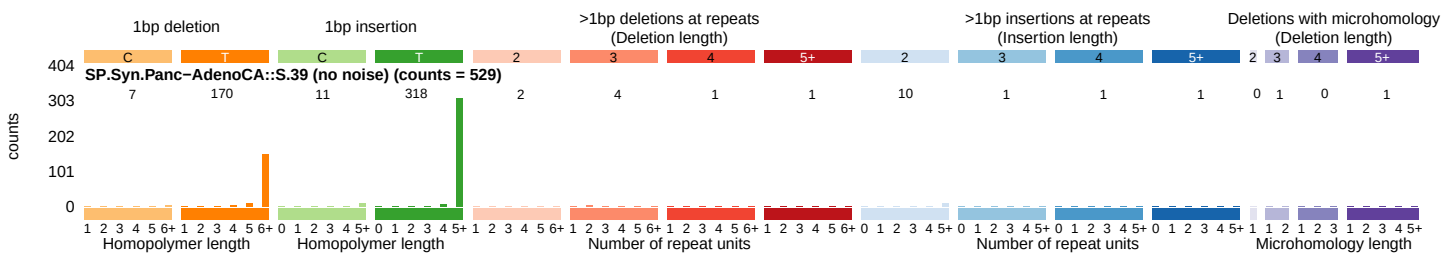

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.34 (no noise) (counts = 1077)
counts
Homopolymer length
Number of repeat units
Microhomology length

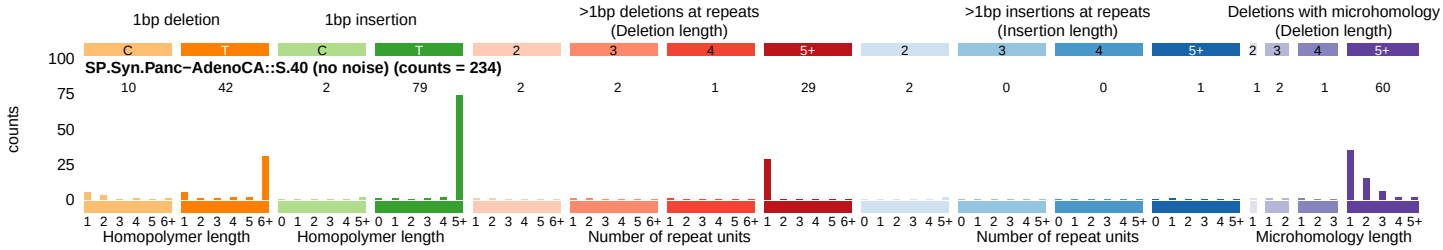

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.35 (no noise) (counts = 948)
counts
Homopolymer length
Number of repeat units
Microhomology length

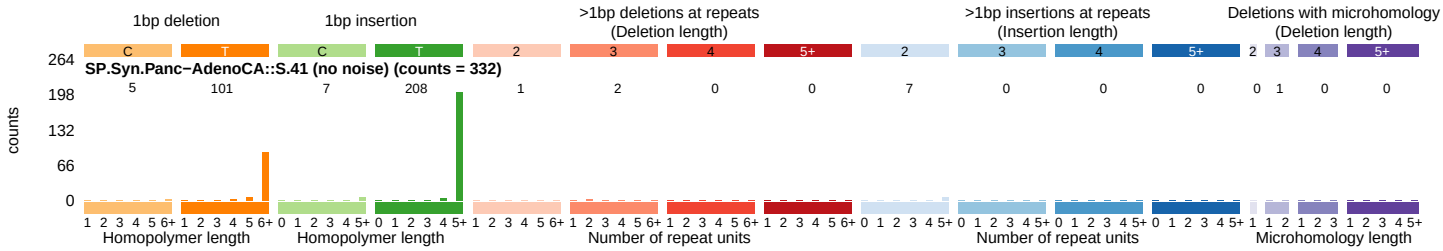

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.36 (no noise) (counts = 340)
counts
Homopolymer length
Number of repeat units
Microhomology length

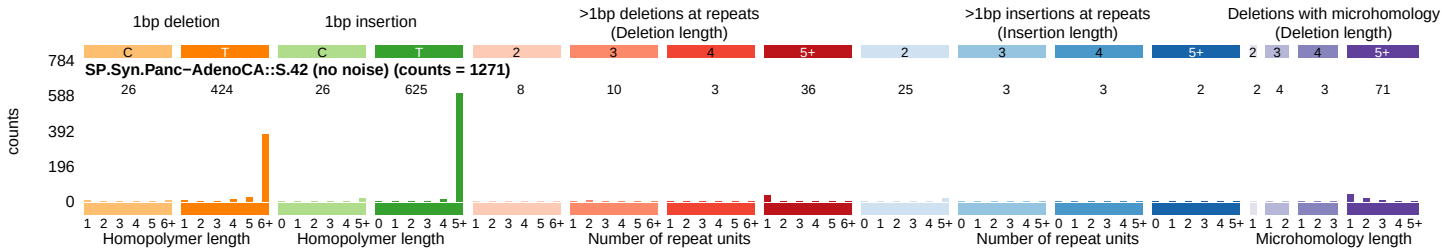

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.37 (no noise) (counts = 664)
counts
Homopolymer length
Number of repeat units
Microhomology length

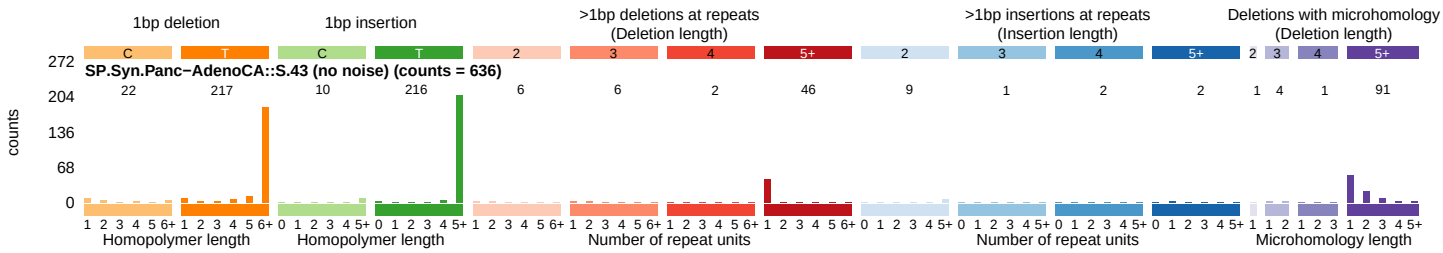

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.38 (no noise) (counts = 423)
counts
Homopolymer length
Number of repeat units
Microhomology length

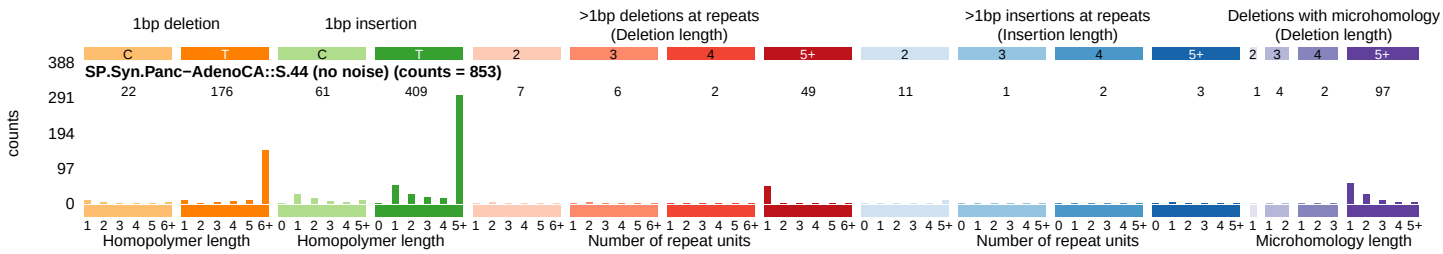

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.39 (no noise) (counts = 529)
counts
Homopolymer length
Number of repeat units
Microhomology length

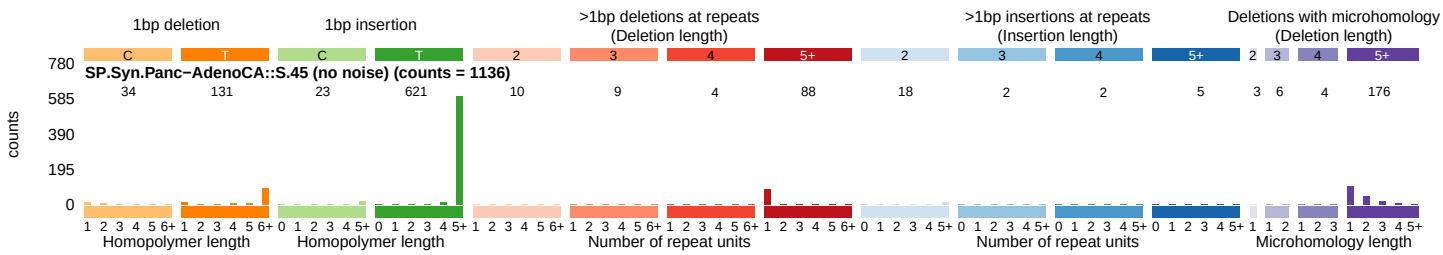

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.40 (no noise) (counts = 234)
counts
Homopolymer length
Number of repeat units
Microhomology length

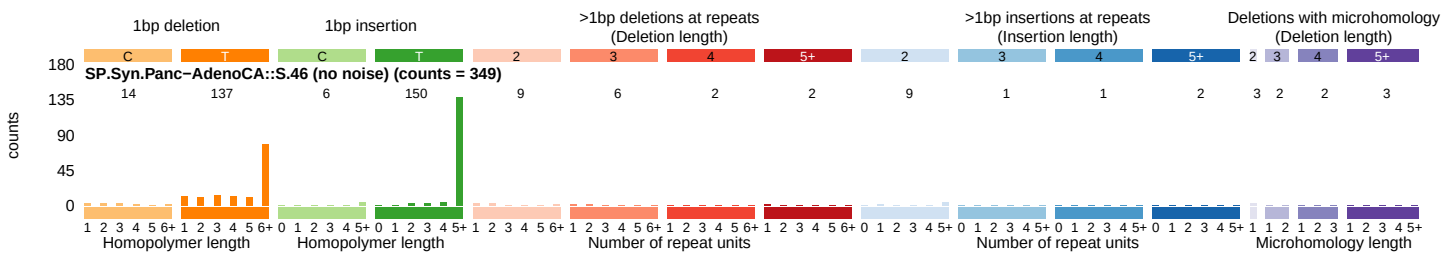

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.41 (no noise) (counts = 332)
counts
Homopolymer length
Number of repeat units
Microhomology length

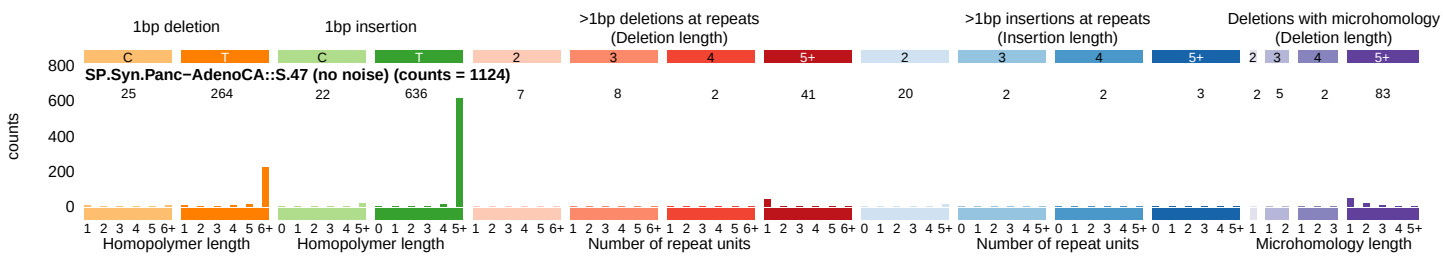

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.42 (no noise) (counts = 1271)
counts
Homopolymer length
Number of repeat units
Microhomology length

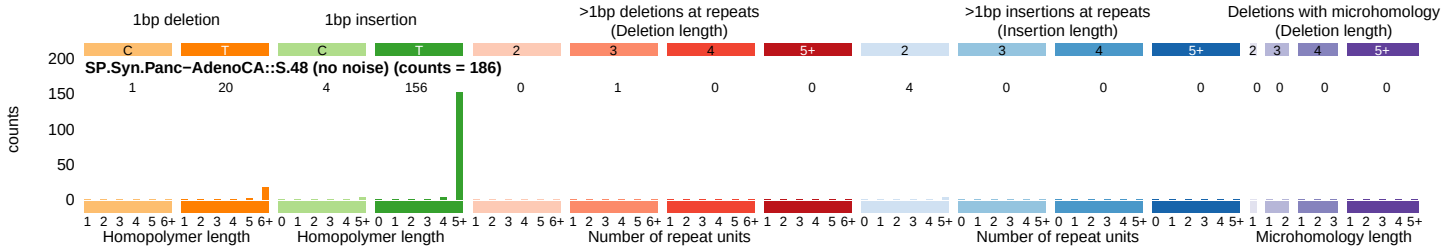

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.43 (no noise) (counts = 636)
counts
Homopolymer length
Number of repeat units
Microhomology length

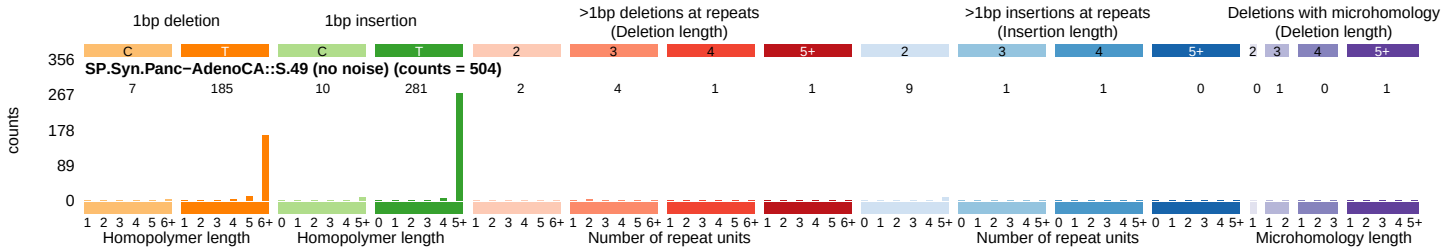

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.44 (no noise) (counts = 853)
counts
Homopolymer length
Number of repeat units
Microhomology length

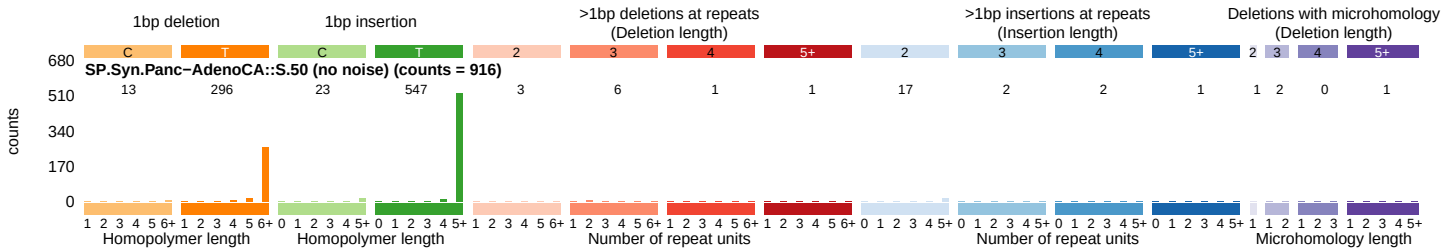

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.45 (no noise) (counts = 1136)
counts
Homopolymer length
Number of repeat units
Microhomology length

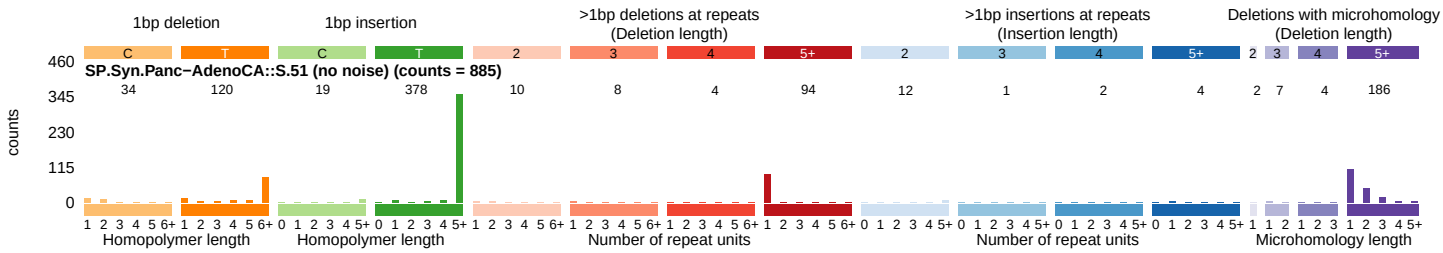

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.46 (no noise) (counts = 349)
counts
Homopolymer length
Number of repeat units
Microhomology length

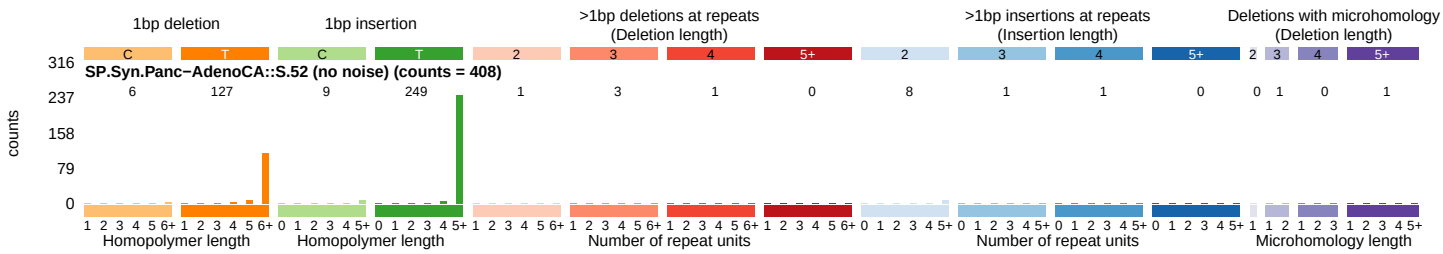

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.47 (no noise) (counts = 1124)
counts
Homopolymer length
Number of repeat units
Microhomology length

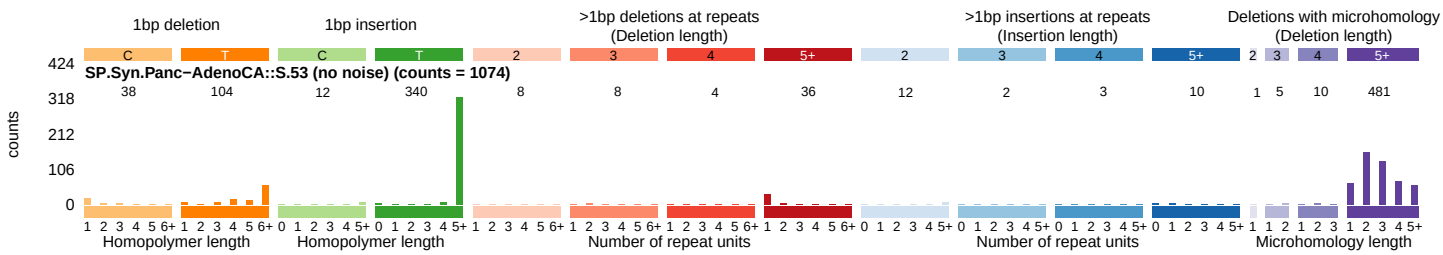

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.48 (no noise) (counts = 186)
counts
Homopolymer length
Number of repeat units
Microhomology length

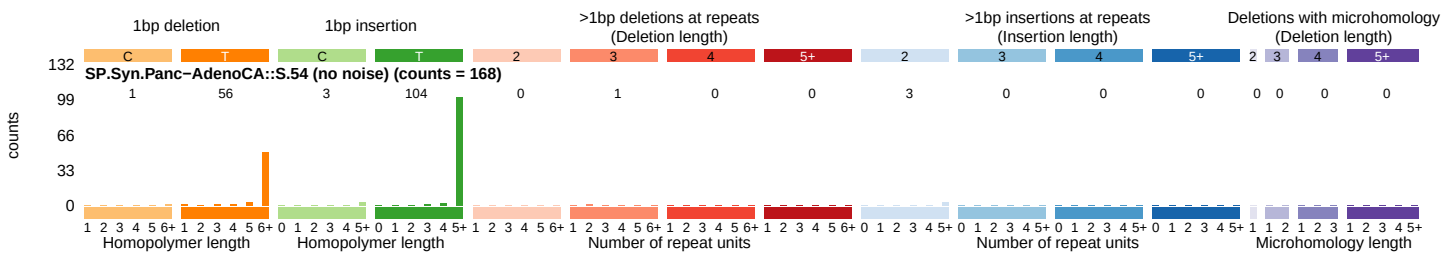

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.49 (no noise) (counts = 504)
counts
Homopolymer length
Number of repeat units
Microhomology length

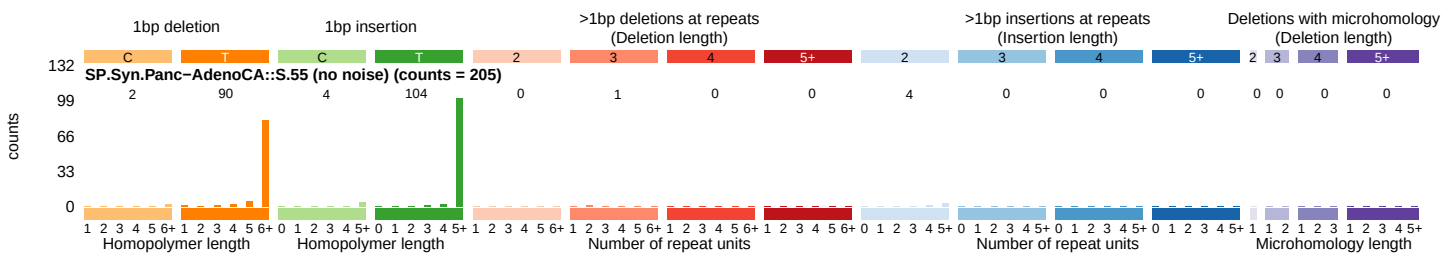

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.50 (no noise) (counts = 916)
counts
Homopolymer length
Number of repeat units
Microhomology length

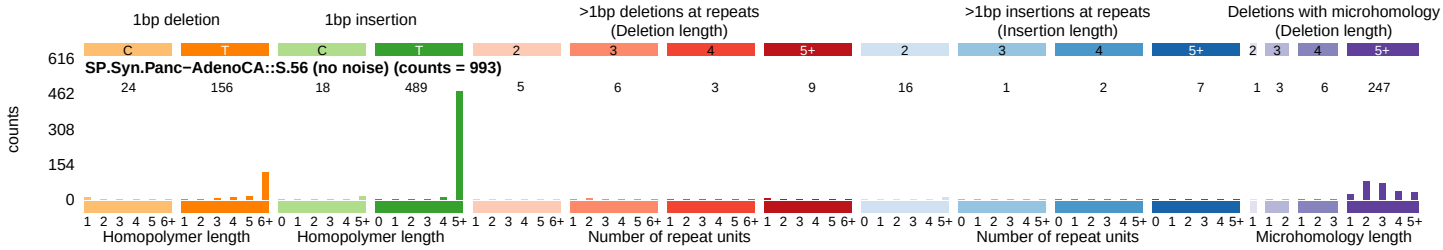

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.51 (no noise) (counts = 885)
counts
Homopolymer length
Number of repeat units
Microhomology length

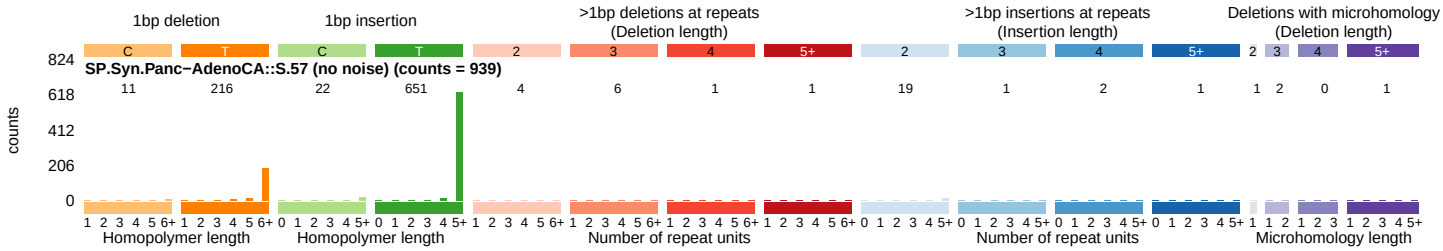

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.52 (no noise) (counts = 408)
counts
Homopolymer length
Number of repeat units
Microhomology length

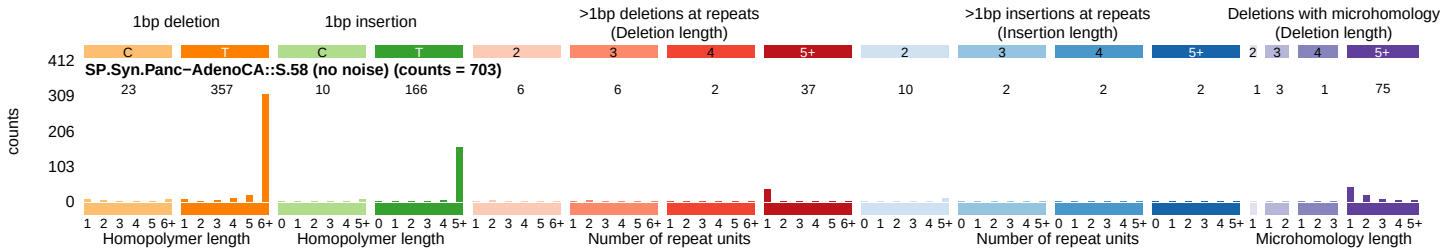

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.53 (no noise) (counts = 1074)
counts
Homopolymer length
Number of repeat units
Microhomology length

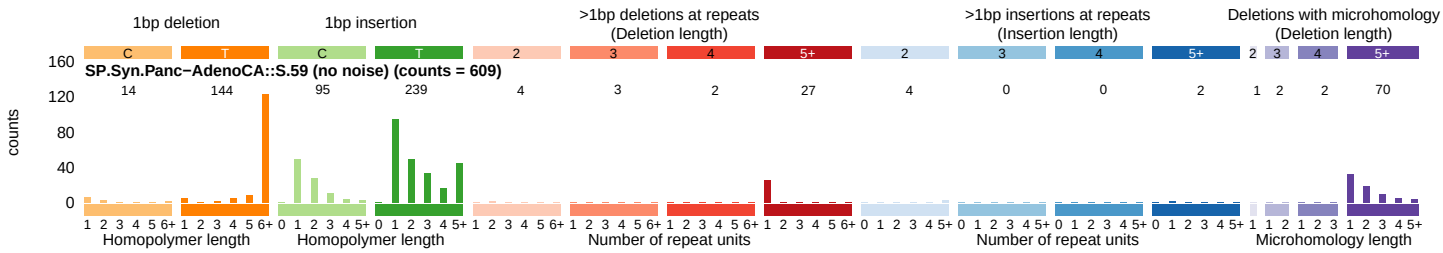

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.54 (no noise) (counts = 168)
counts
Homopolymer length
Number of repeat units
Microhomology length

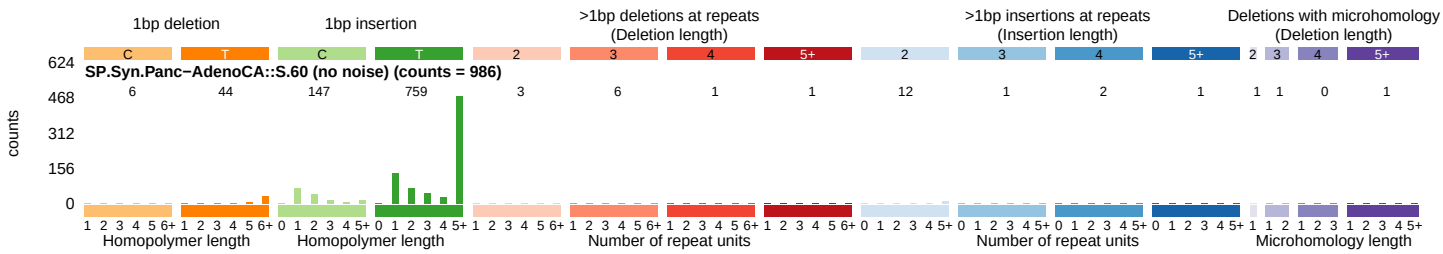

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.55 (no noise) (counts = 205)
counts
Homopolymer length
Number of repeat units
Microhomology length

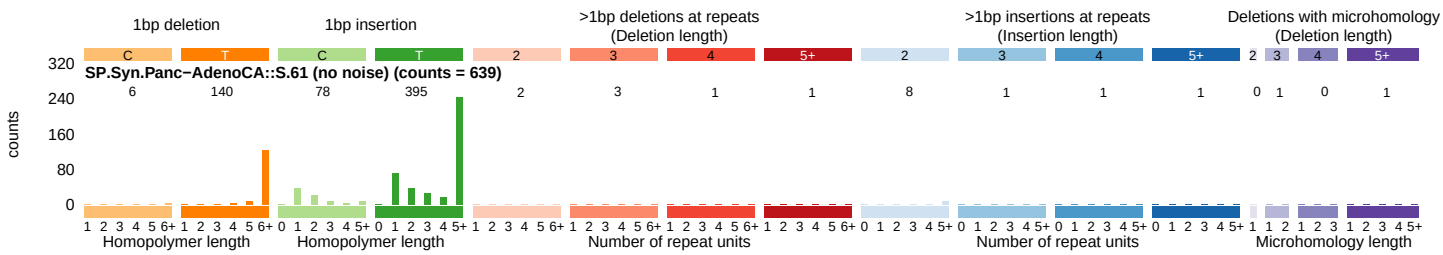

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.56 (no noise) (counts = 993)
counts
Homopolymer length
Number of repeat units
Microhomology length

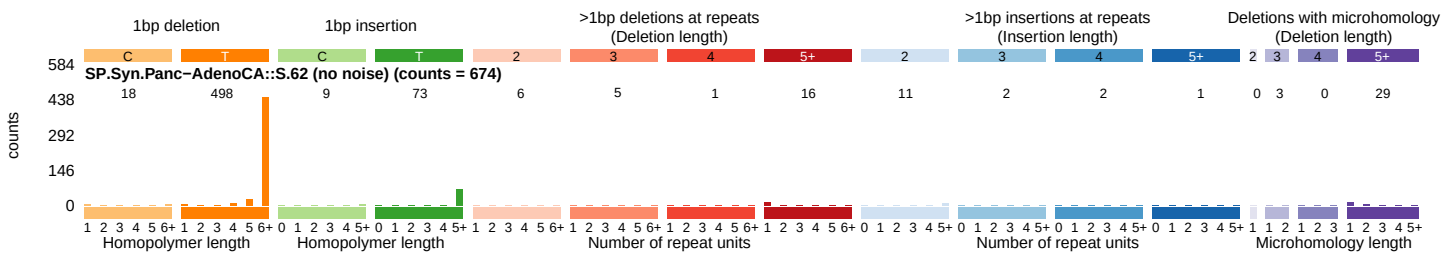

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.57 (no noise) (counts = 939)
counts
Homopolymer length
Number of repeat units
Microhomology length

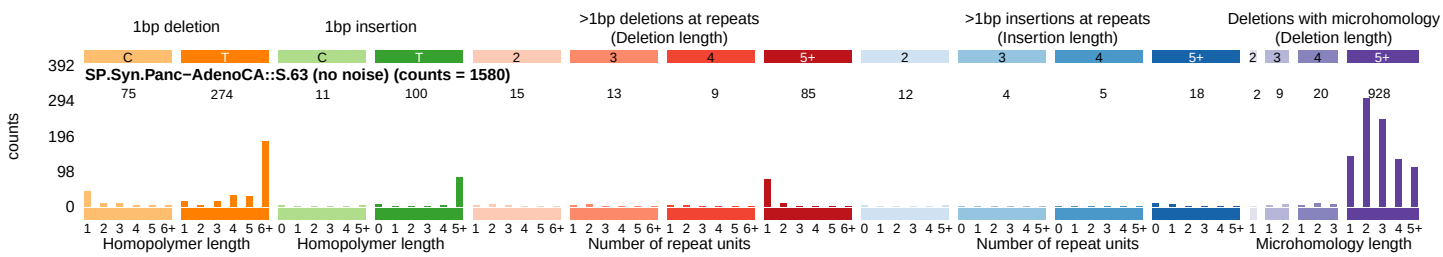

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.58 (no noise) (counts = 703)
counts
Homopolymer length
Number of repeat units
Microhomology length

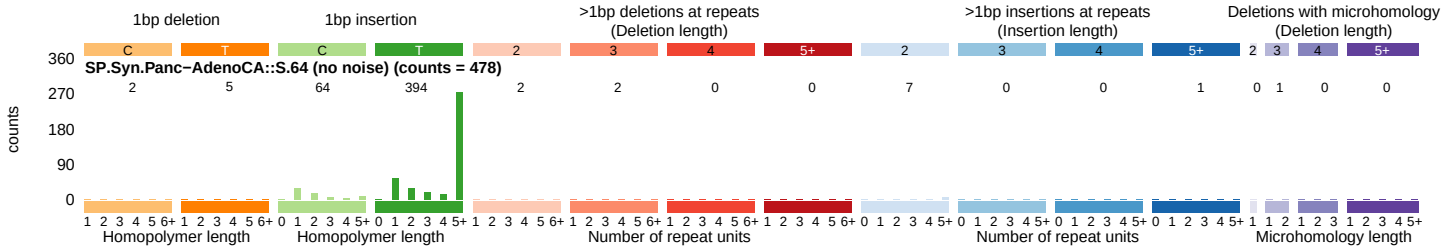

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.59 (no noise) (counts = 609)
counts
Homopolymer length
Number of repeat units
Microhomology length

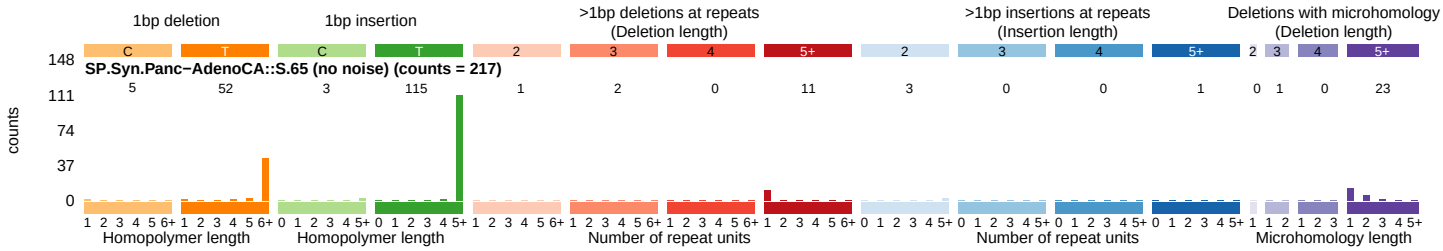

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.60 (no noise) (counts = 986)
counts
Homopolymer length
Number of repeat units
Microhomology length

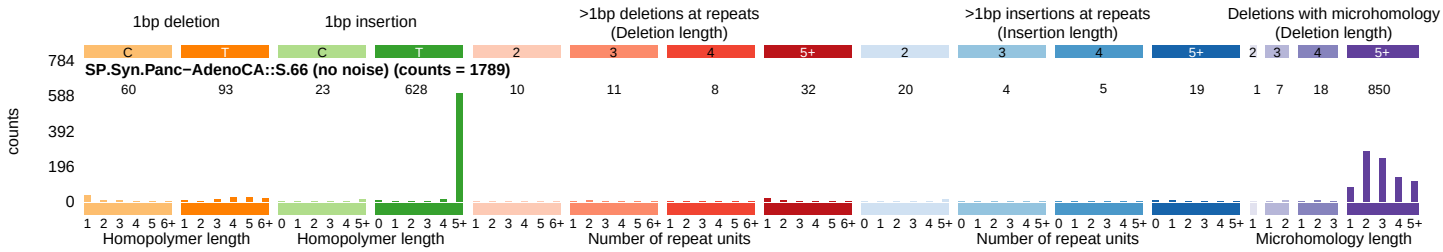

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.61 (no noise) (counts = 639)
counts
Homopolymer length
Number of repeat units
Microhomology length

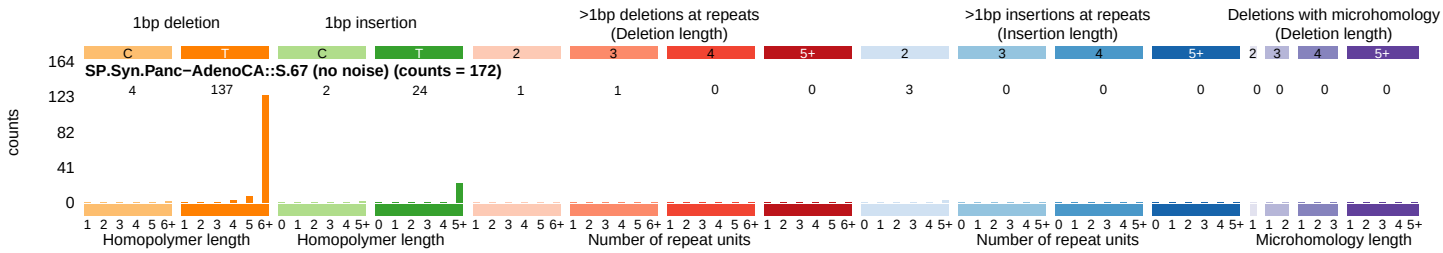

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.62 (no noise) (counts = 674)
counts
Homopolymer length
Number of repeat units
Microhomology length

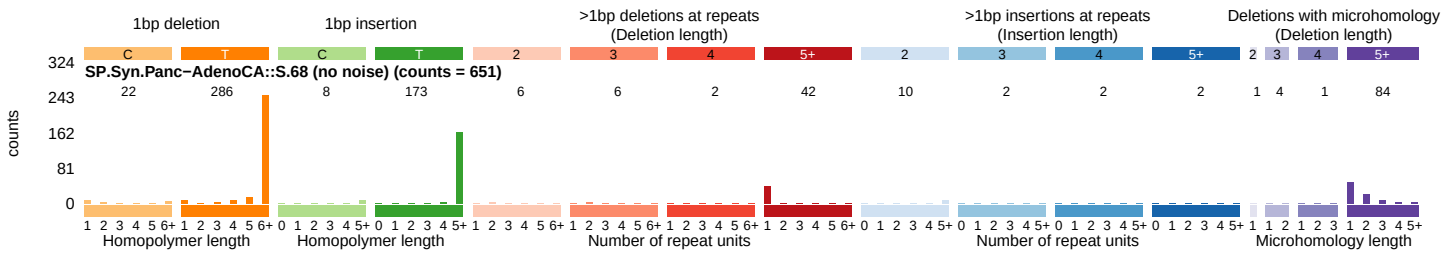

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.63 (no noise) (counts = 1580)
counts
Homopolymer length
Number of repeat units
Microhomology length

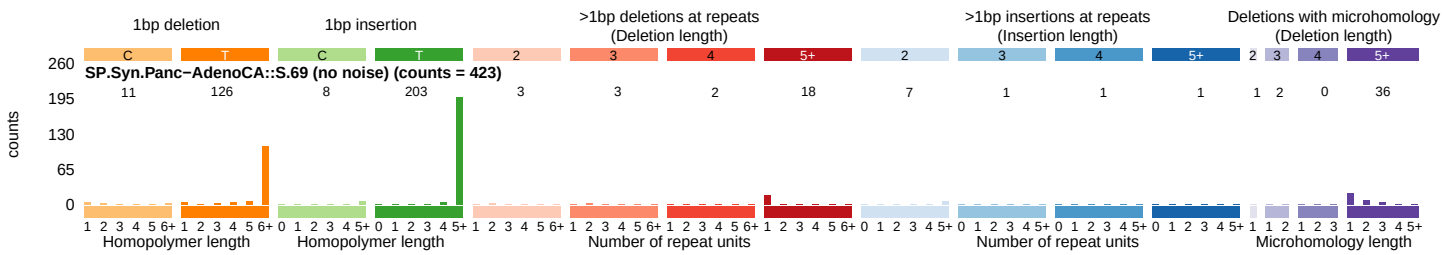

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.64 (no noise) (counts = 478)
counts
Homopolymer length
Number of repeat units
Microhomology length

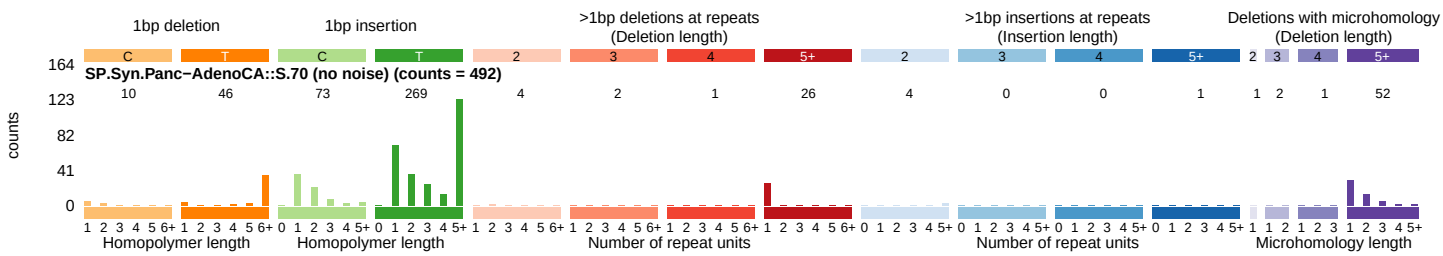

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.65 (no noise) (counts = 217)
counts
Homopolymer length
Number of repeat units
Microhomology length

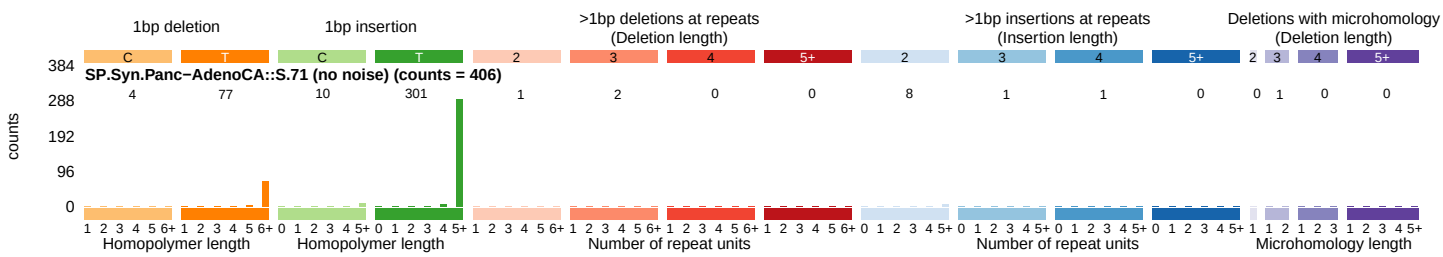

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.66 (no noise) (counts = 1789)
counts
Homopolymer length
Number of repeat units
Microhomology length

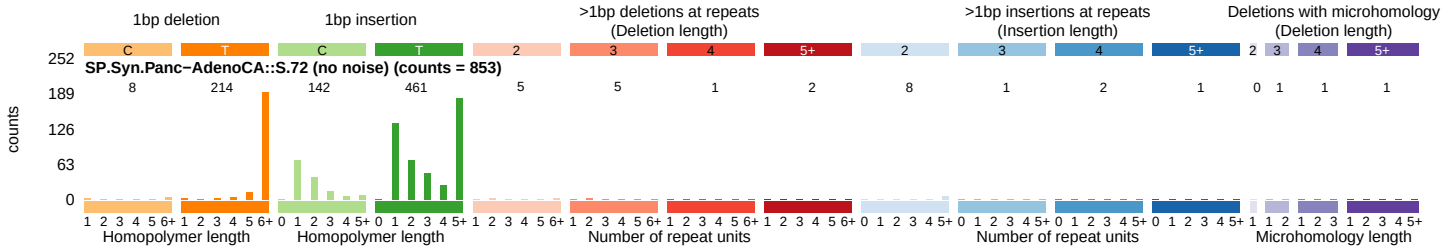

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.67 (no noise) (counts = 172)
counts
Homopolymer length
Number of repeat units
Microhomology length

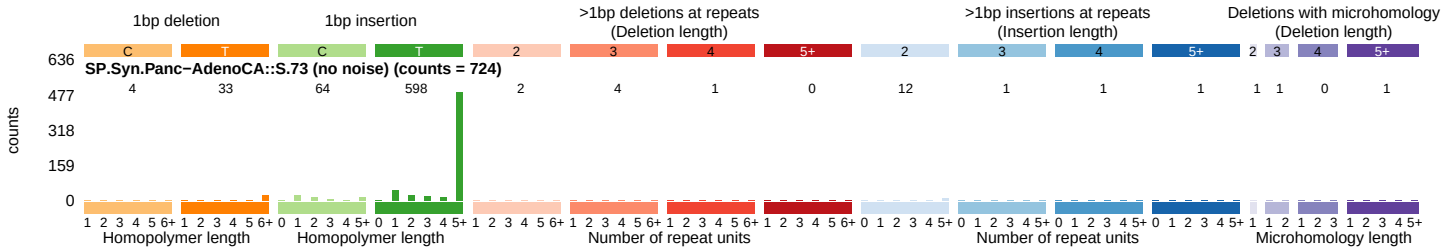

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.68 (no noise) (counts = 651)
counts
Homopolymer length
Number of repeat units
Microhomology length

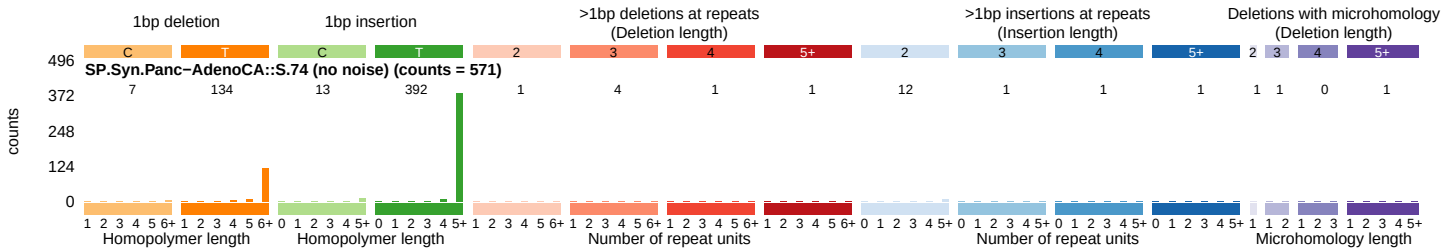

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.69 (no noise) (counts = 423)
counts
Homopolymer length
Number of repeat units
Microhomology length

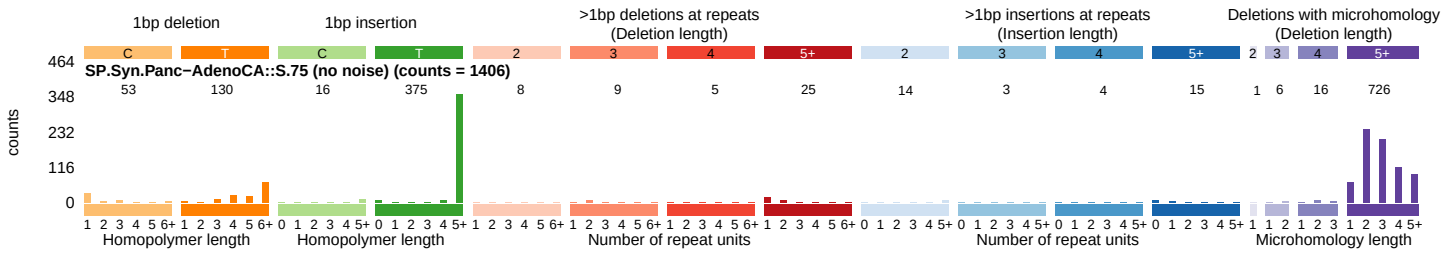

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.70 (no noise) (counts = 492)
counts
Homopolymer length
Number of repeat units
Microhomology length

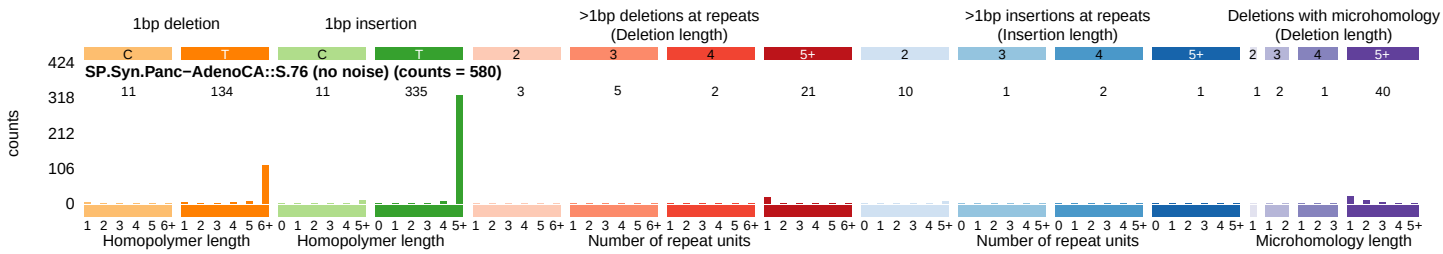

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.71 (no noise) (counts = 406)
counts
Homopolymer length
Number of repeat units
Microhomology length

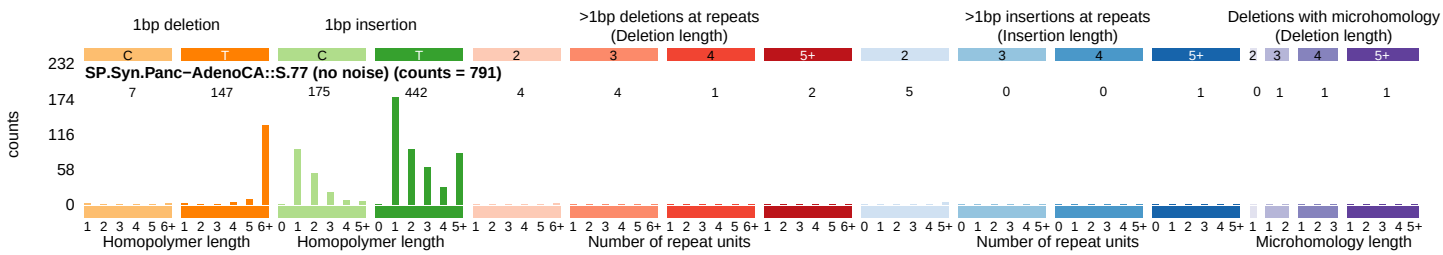

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.72 (no noise) (counts = 853)
8 214 142 461 5 5 1 2 8 1 2 1 0 1 1 1
counts
Homopolymer length
Number of repeat units
Microhomology length

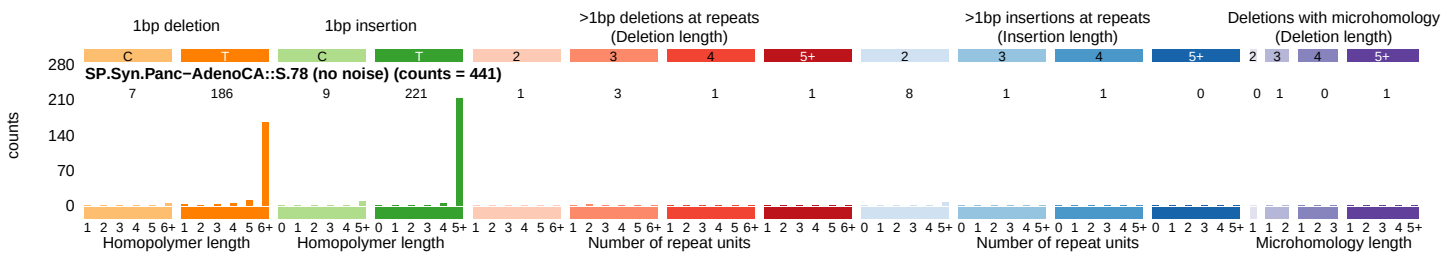

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.73 (no noise) (counts = 724)
4 33 64 598 2 4 1 0 12 1 1 1 1 1 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length

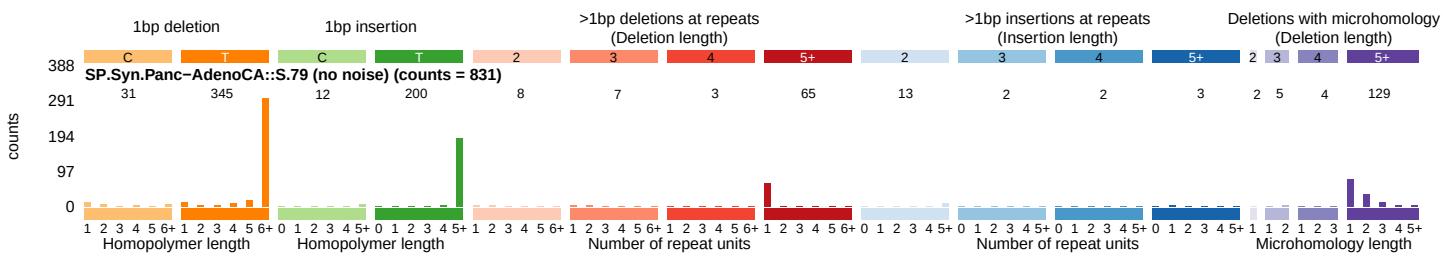

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.74 (no noise) (counts = 571)
7 134 13 392 1 4 1 1 12 1 1 1 1 1 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length

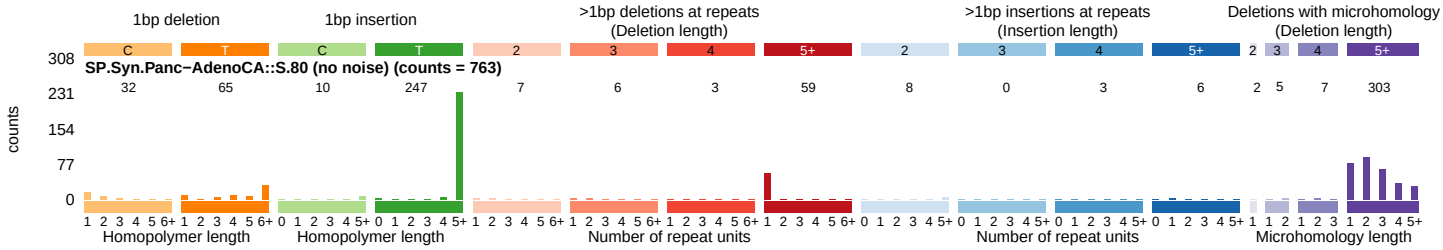

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.75 (no noise) (counts = 1406)
53 130 16 375 8 9 5 25 14 3 4 15 1 6 16 726
counts
Homopolymer length
Number of repeat units
Microhomology length

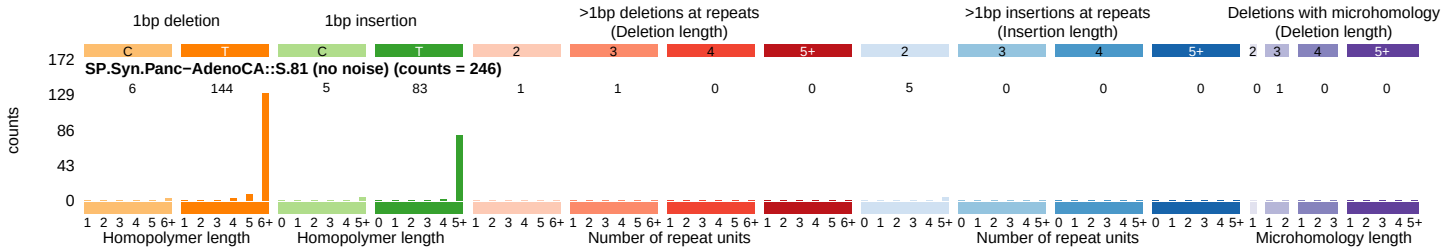

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.76 (no noise) (counts = 580)
11 134 11 335 3 5 2 21 10 1 2 1 1 2 1 40
counts
Homopolymer length
Number of repeat units
Microhomology length

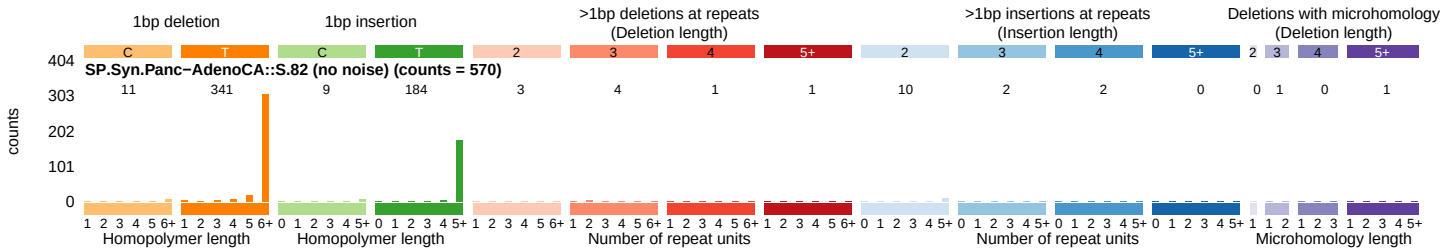

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.77 (no noise) (counts = 791)
7 147 175 442 4 4 1 2 5 0 0 1 0 1 1 1
counts
Homopolymer length
Number of repeat units
Microhomology length

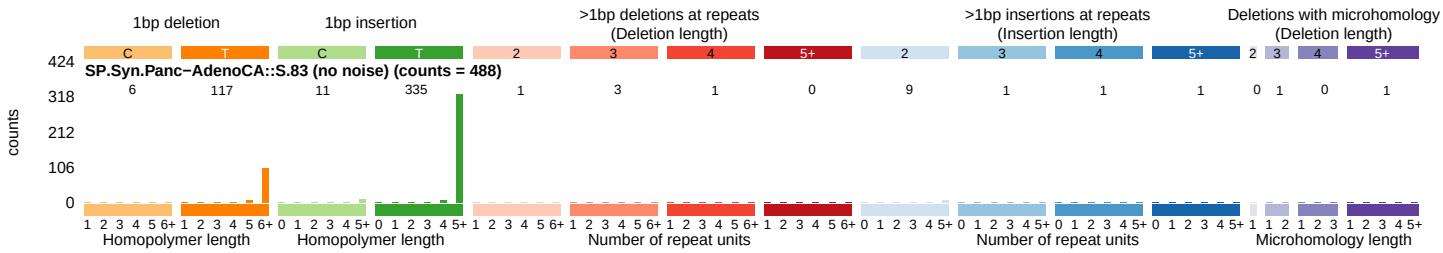

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.78 (no noise) (counts = 441)
7 186 9 221 1 3 1 1 8 1 1 0 0 1 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length

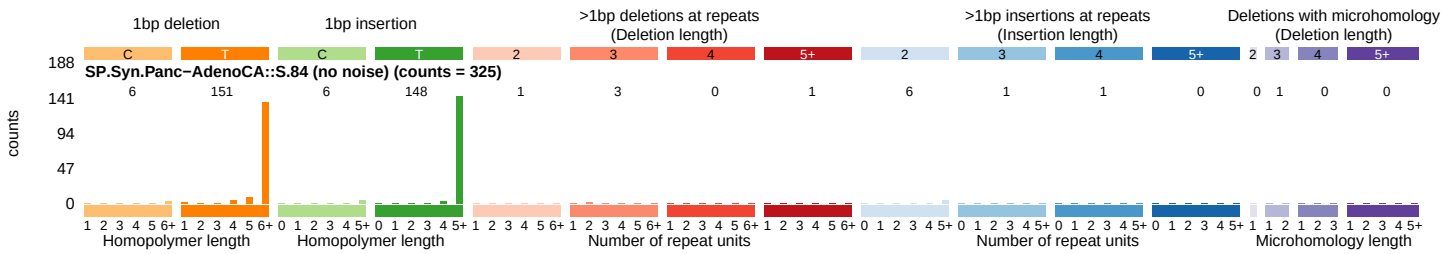

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.79 (no noise) (counts = 831)
31 345 12 200 8 7 3 65 13 2 2 3 2 5 4 129
counts
Homopolymer length
Number of repeat units
Microhomology length

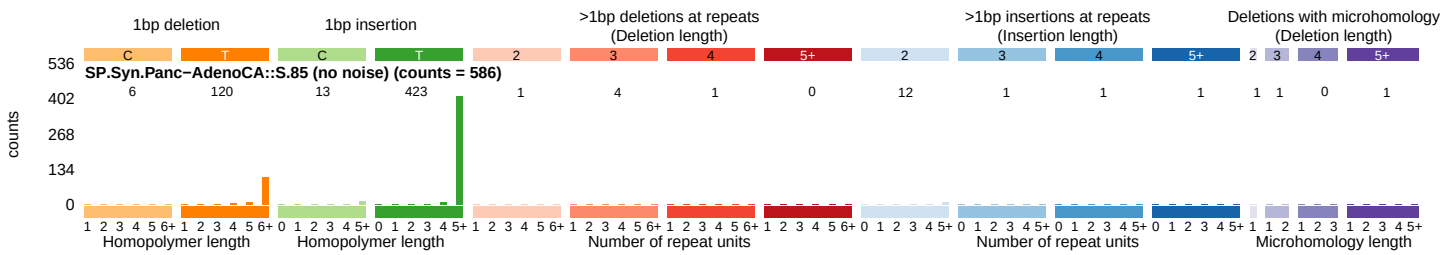

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.80 (no noise) (counts = 763)
counts
Homopolymer length
Number of repeat units
Microhomology length

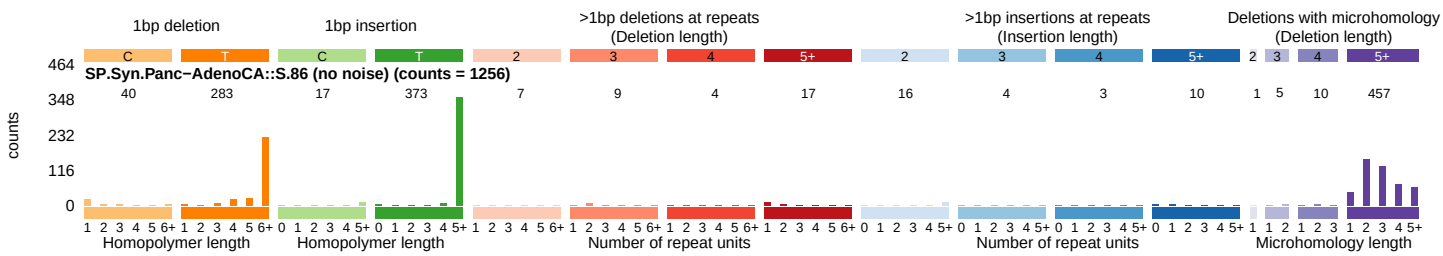

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.81 (no noise) (counts = 246)
counts
Homopolymer length
Number of repeat units
Microhomology length

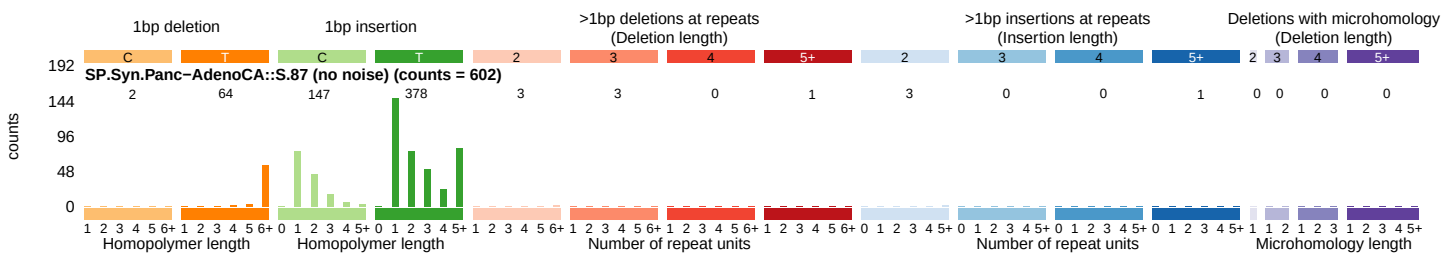

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.82 (no noise) (counts = 570)
counts
Homopolymer length
Number of repeat units
Microhomology length

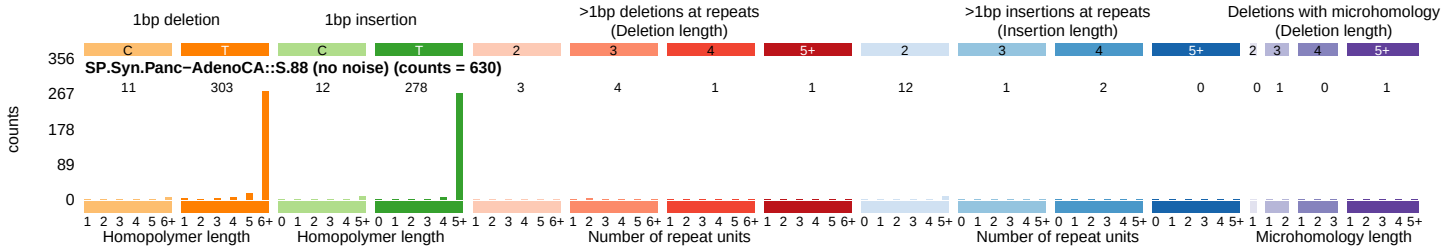

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.83 (no noise) (counts = 488)
counts
Homopolymer length
Number of repeat units
Microhomology length

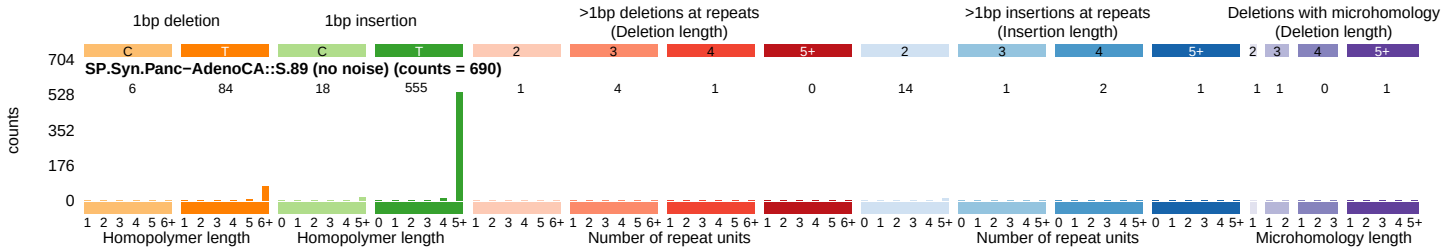

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.84 (no noise) (counts = 325)
counts
Homopolymer length
Number of repeat units
Microhomology length

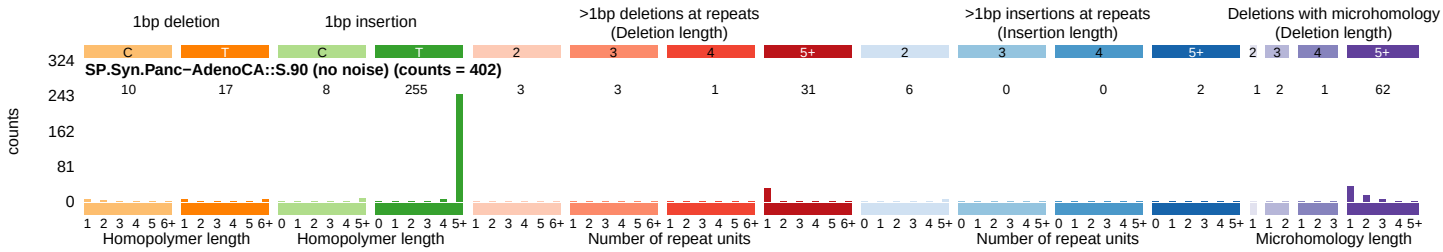

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.85 (no noise) (counts = 586)
counts
Homopolymer length
Number of repeat units
Microhomology length

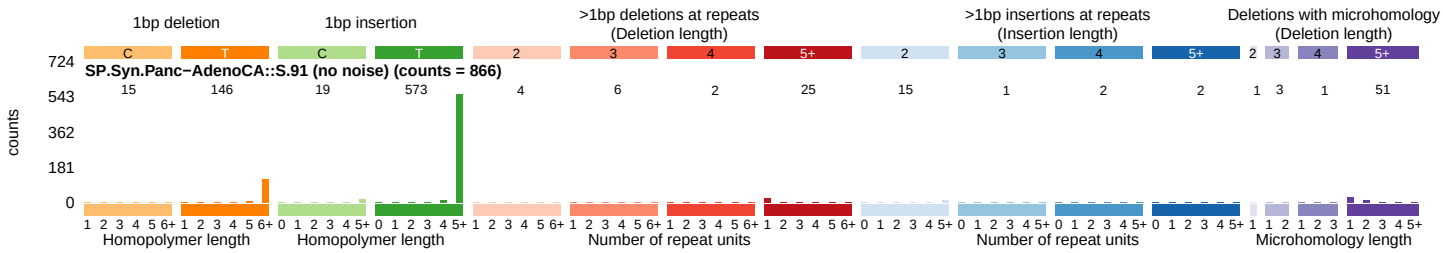

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.86 (no noise) (counts = 1256)
counts
Homopolymer length
Number of repeat units
Microhomology length

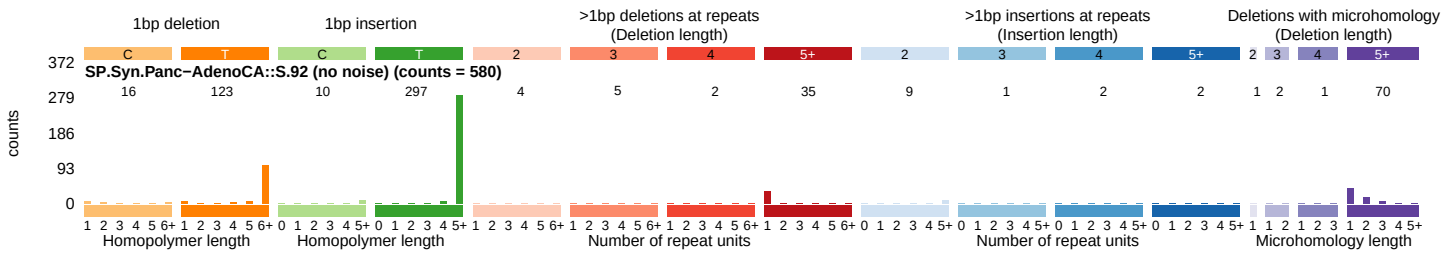

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.87 (no noise) (counts = 602)
counts
Homopolymer length
Number of repeat units
Microhomology length

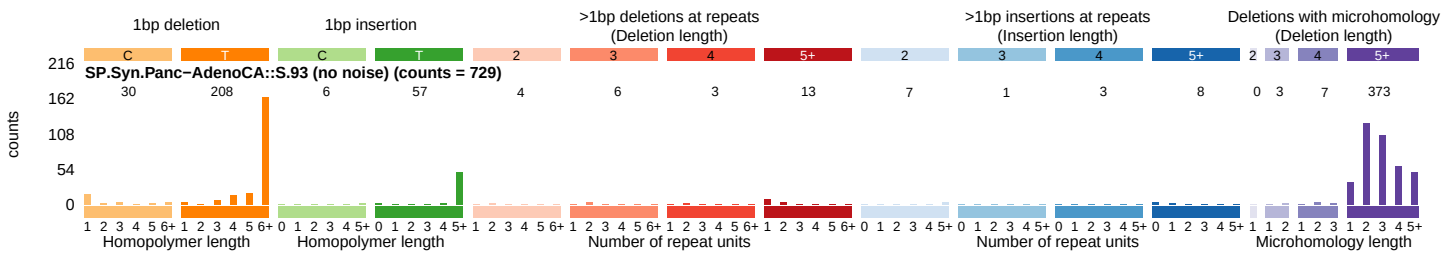

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.88 (no noise) (counts = 630)
counts
Homopolymer length
Number of repeat units
Microhomology length

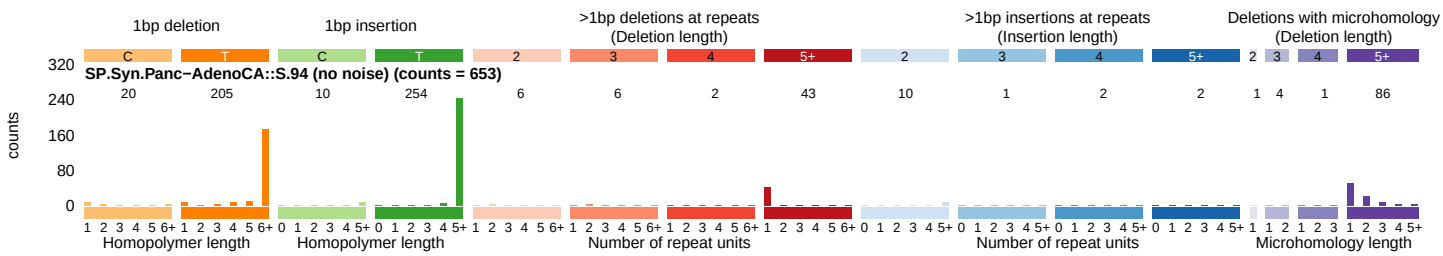

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.89 (no noise) (counts = 690)
counts
Homopolymer length
Number of repeat units
Microhomology length

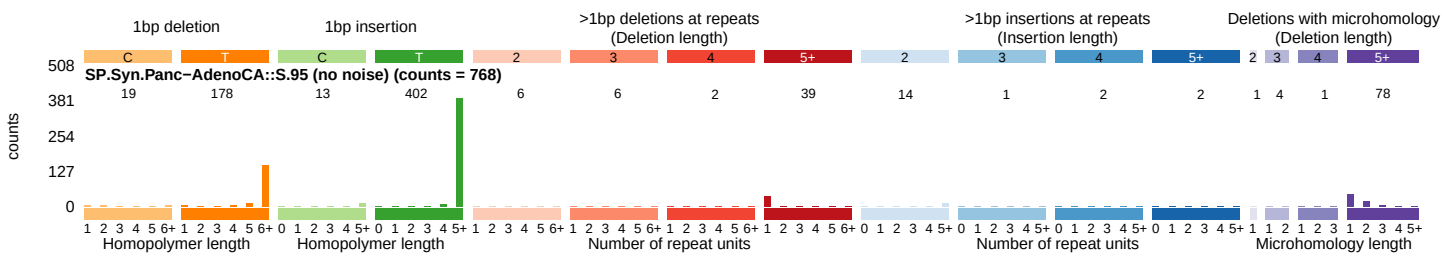

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.90 (no noise) (counts = 402)
counts
Homopolymer length
Number of repeat units
Microhomology length

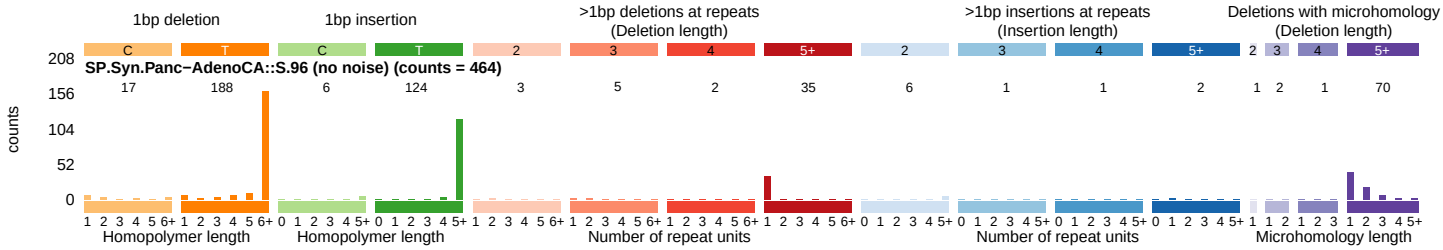

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.91 (no noise) (counts = 866)
counts
Homopolymer length
Number of repeat units
Microhomology length

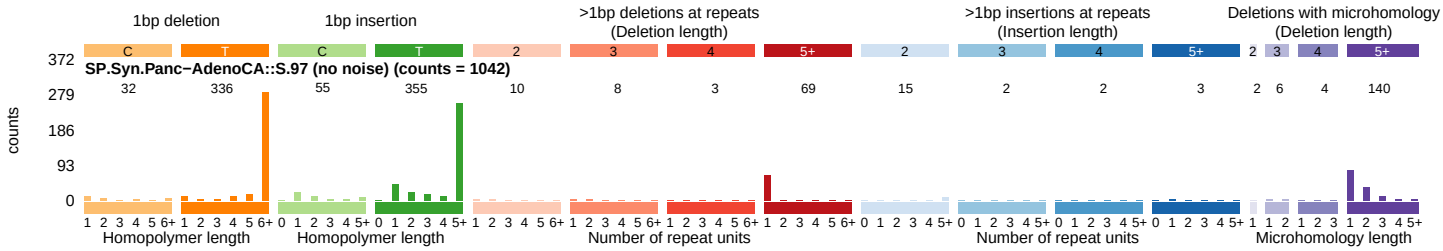

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.92 (no noise) (counts = 580)
counts
Homopolymer length
Number of repeat units
Microhomology length

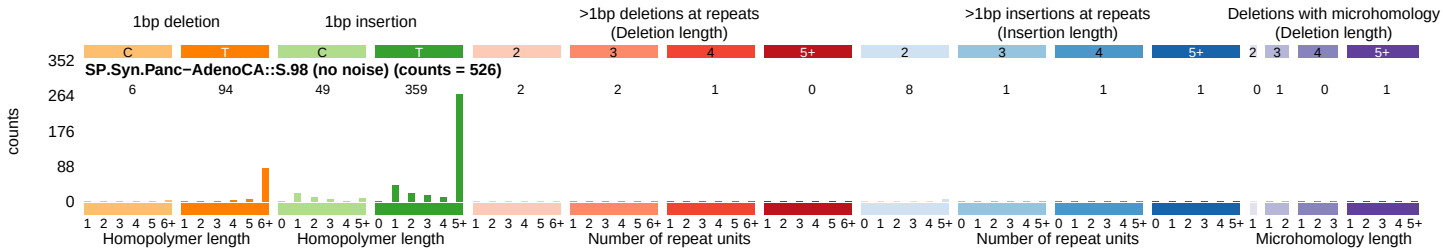

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.93 (no noise) (counts = 729)
counts
Homopolymer length
Number of repeat units
Microhomology length

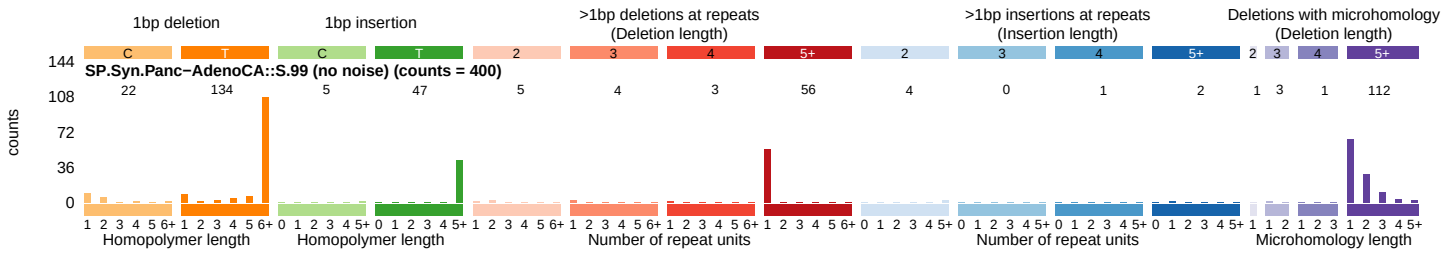

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.94 (no noise) (counts = 653)
counts
Homopolymer length
Number of repeat units
Microhomology length

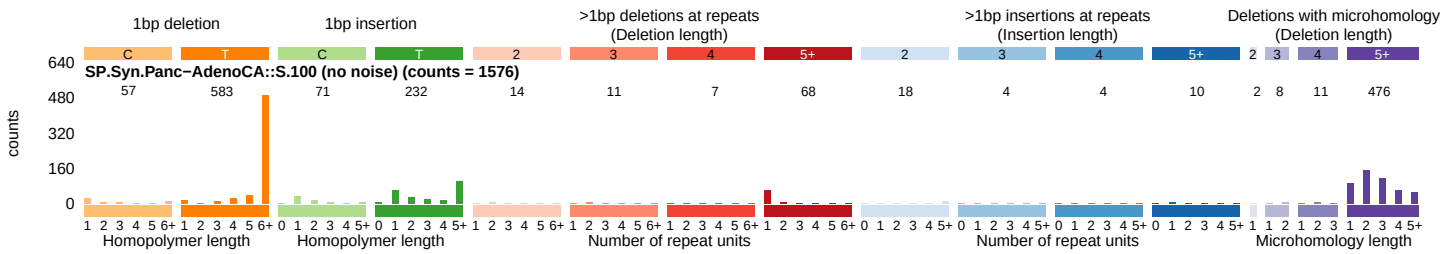

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.95 (no noise) (counts = 768)
counts
Homopolymer length
Number of repeat units
Microhomology length

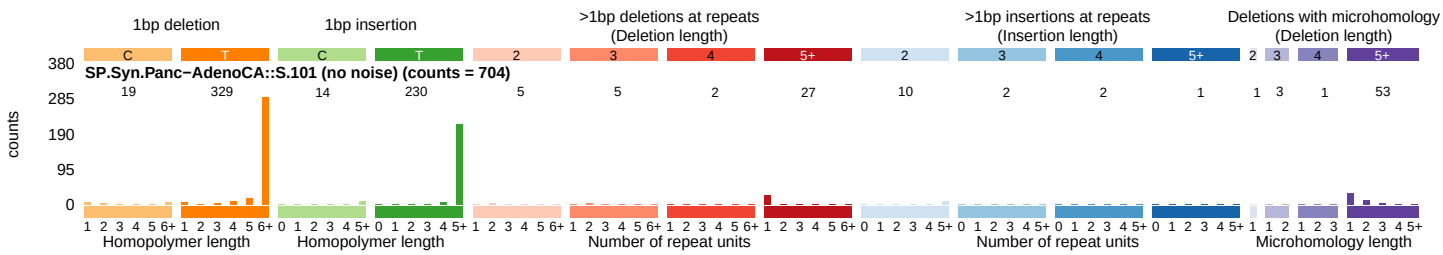

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.96 (no noise) (counts = 464)
counts
Homopolymer length
Number of repeat units
Microhomology length

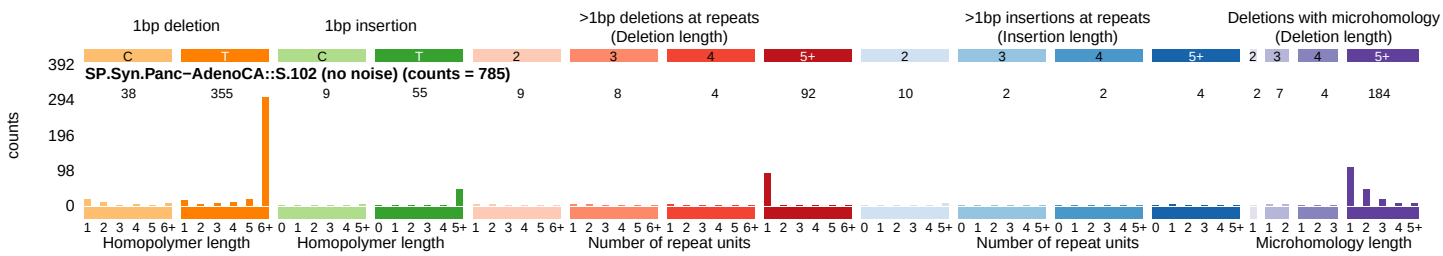

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.97 (no noise) (counts = 1042)
counts
Homopolymer length
Number of repeat units
Microhomology length

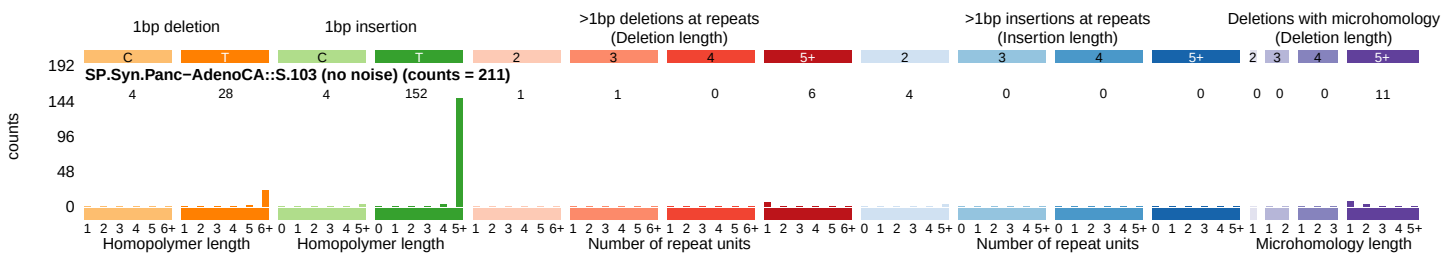

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.98 (no noise) (counts = 526)
counts
Homopolymer length
Number of repeat units
Microhomology length

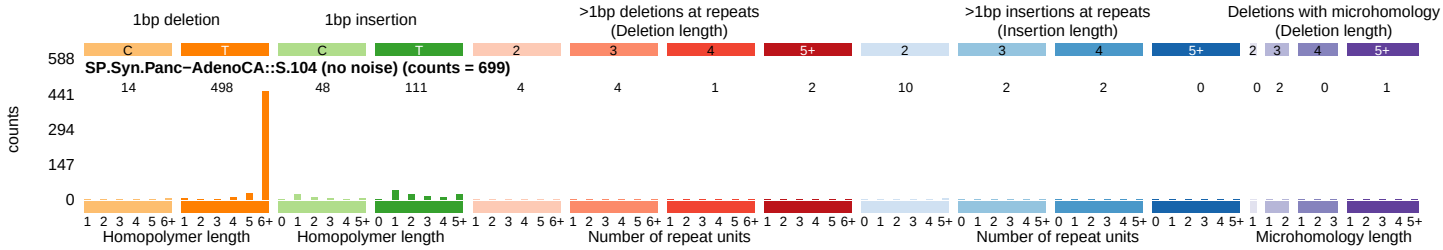

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.99 (no noise) (counts = 400)
counts
Homopolymer length
Number of repeat units
Microhomology length

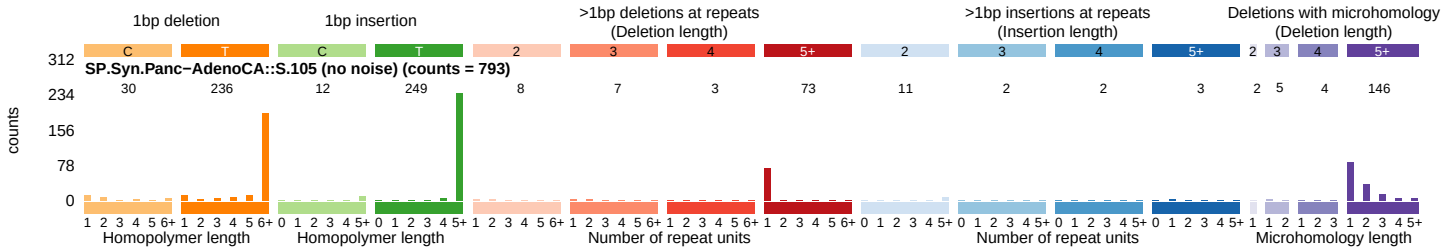

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.100 (no noise) (counts = 1576)
counts
Homopolymer length
Number of repeat units
Microhomology length

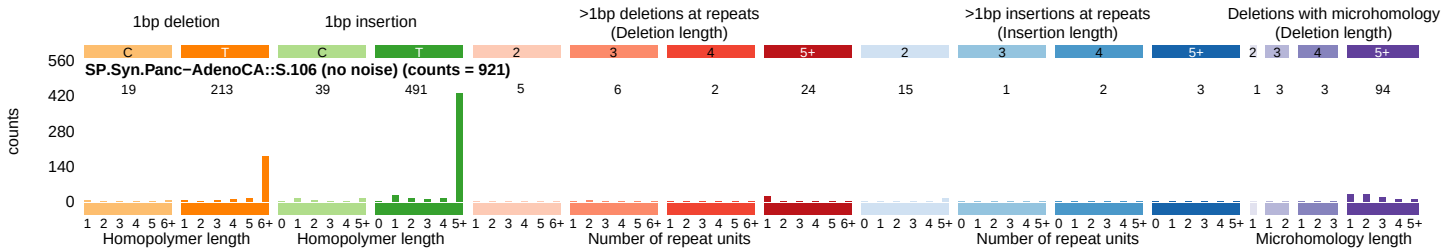

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.101 (no noise) (counts = 704)
counts
Homopolymer length
Number of repeat units
Microhomology length

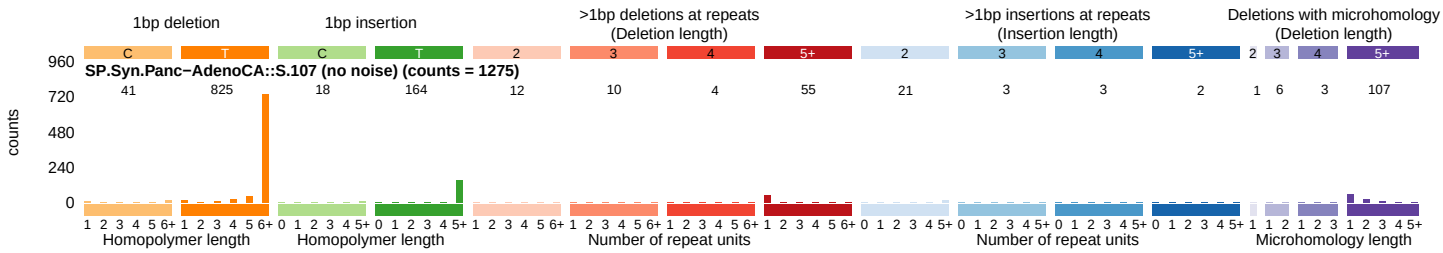

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.102 (no noise) (counts = 785)
counts
Homopolymer length
Number of repeat units
Microhomology length

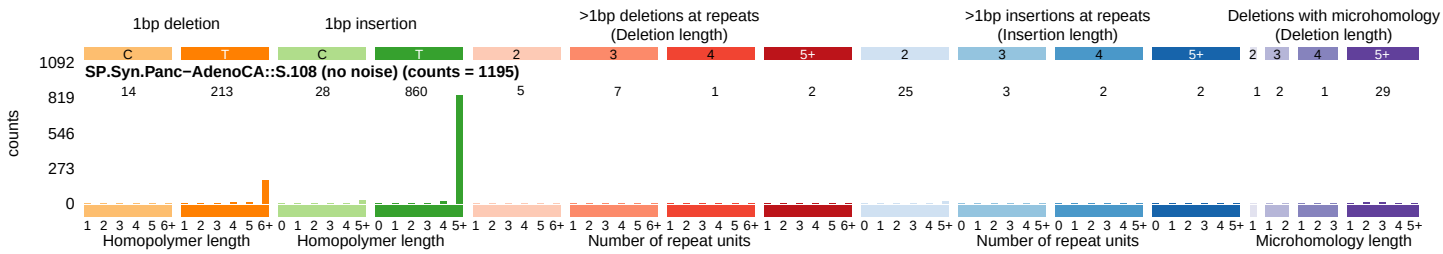

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.103 (no noise) (counts = 211)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.104 (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.Panc−AdenoCA::S.105 (no noise) (counts = 793)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.106 (no noise) (counts = 921)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.107 (no noise) (counts = 1275)
counts
Homopolymer length
Number of repeat units
Microhomology length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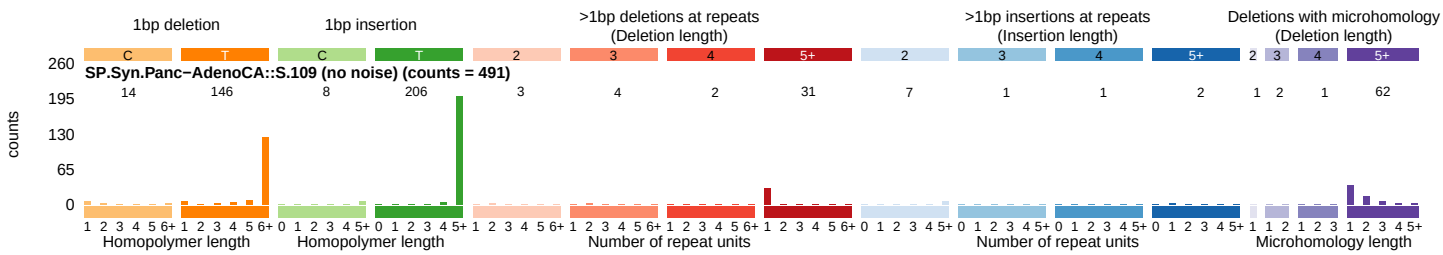
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.108 (no noise) (counts = 1195)
counts
Homopolymer length
Number of repeat units
Microhomology length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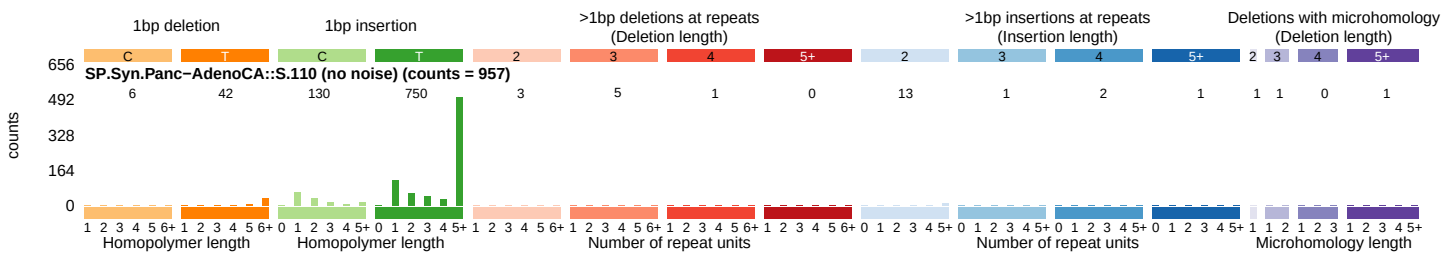
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.109 (no noise) (counts = 491)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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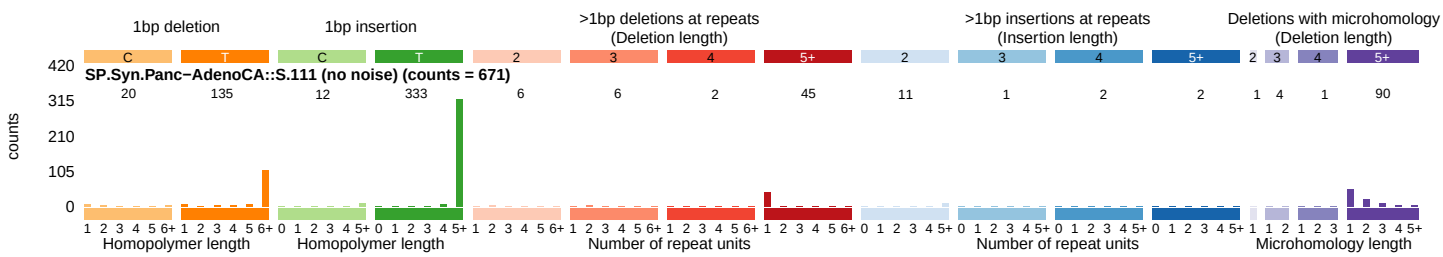
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.110 (no noise) (counts = 957)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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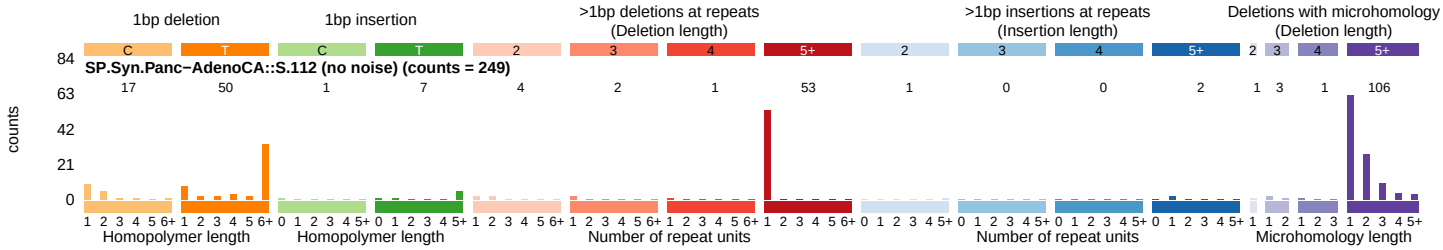
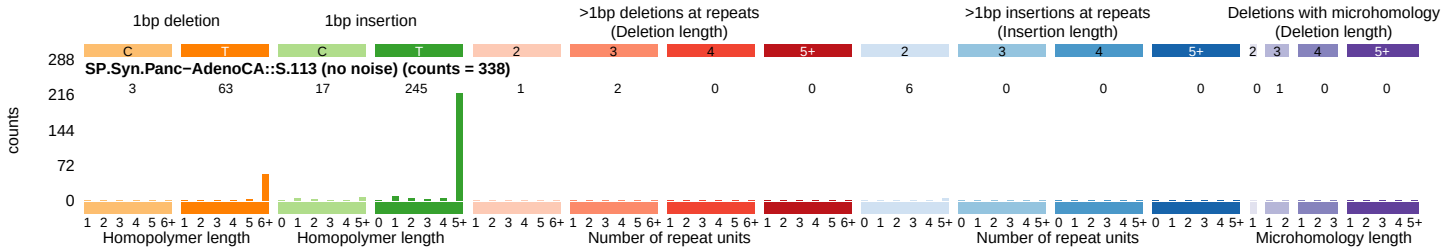
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.111 (no noise) (counts = 671)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.112 (no noise) (counts = 249)
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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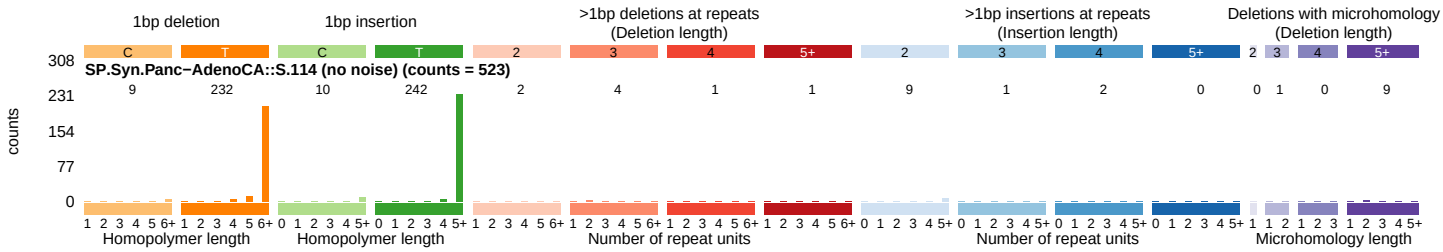
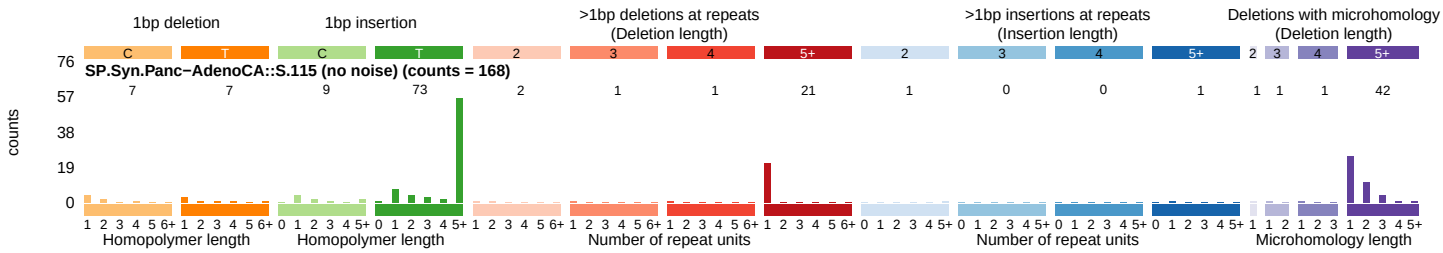
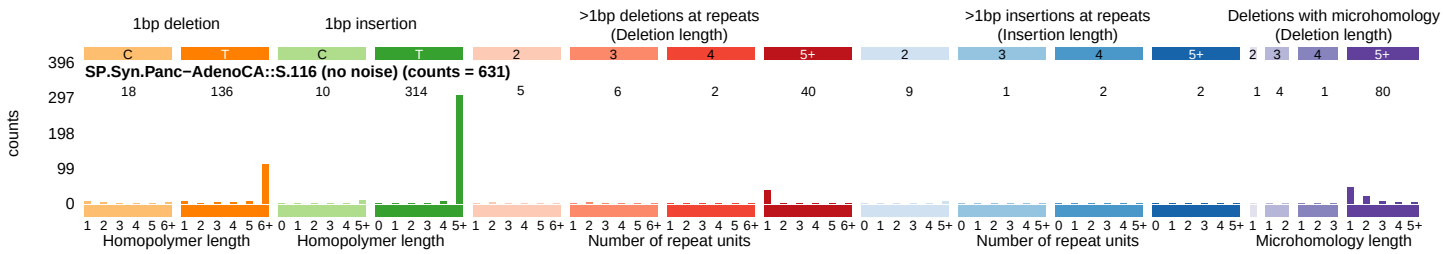
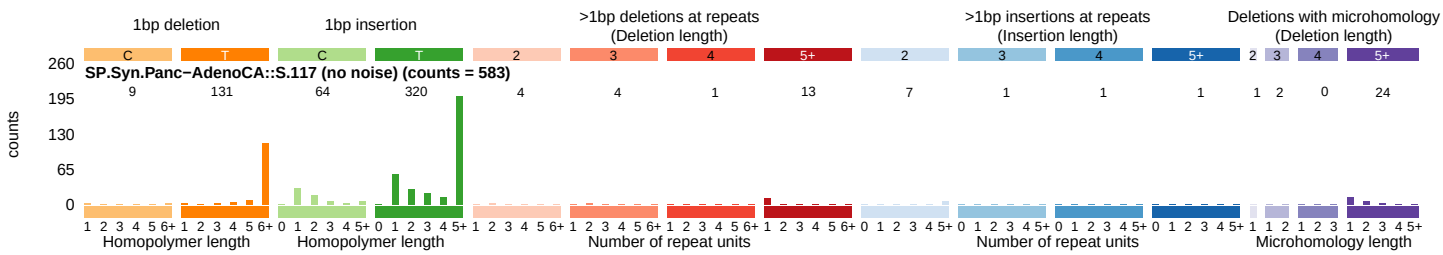
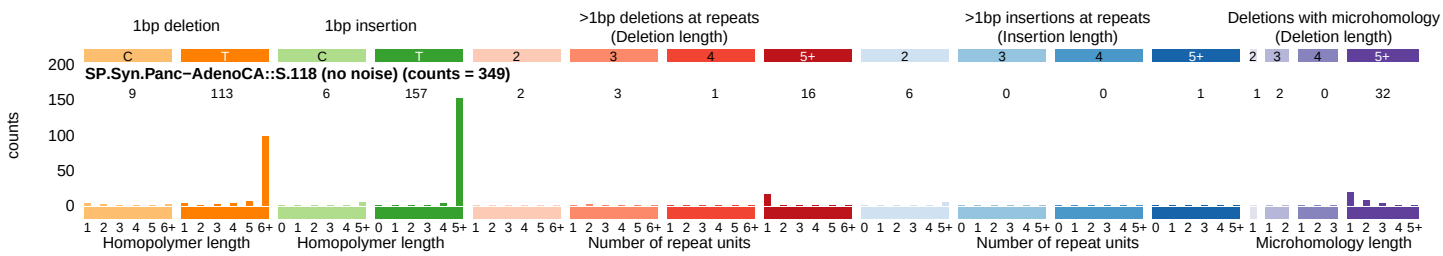
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.113 (no noise) (counts = 338)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.114 (no noise) (counts = 523)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.115 (no noise) (counts = 168)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.116 (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.Panc−AdenoCA::S.117 (no noise) (counts = 583)
counts
Homopolymer length
Number of repeat units
Microhomology length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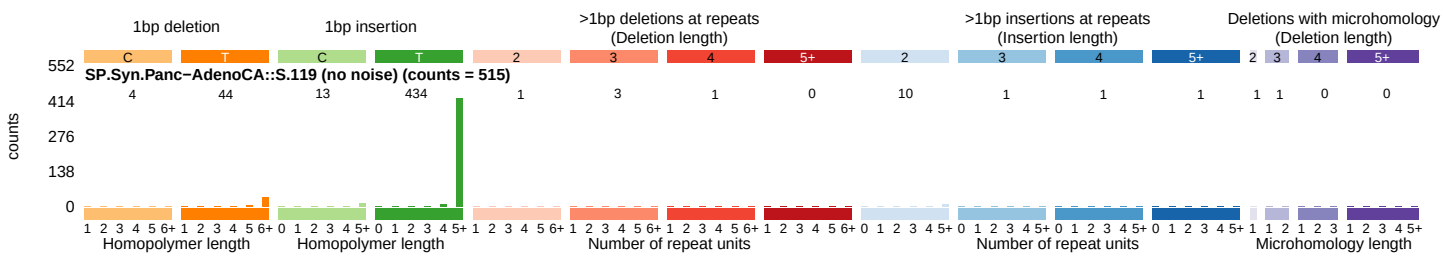
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.118 (no noise) (counts = 349)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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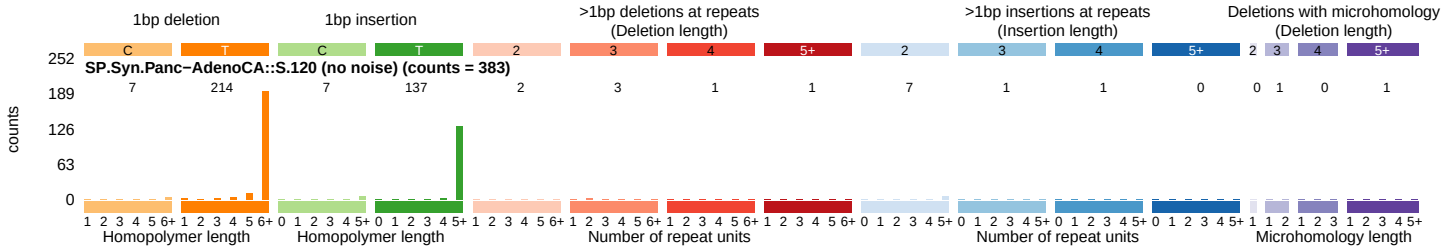
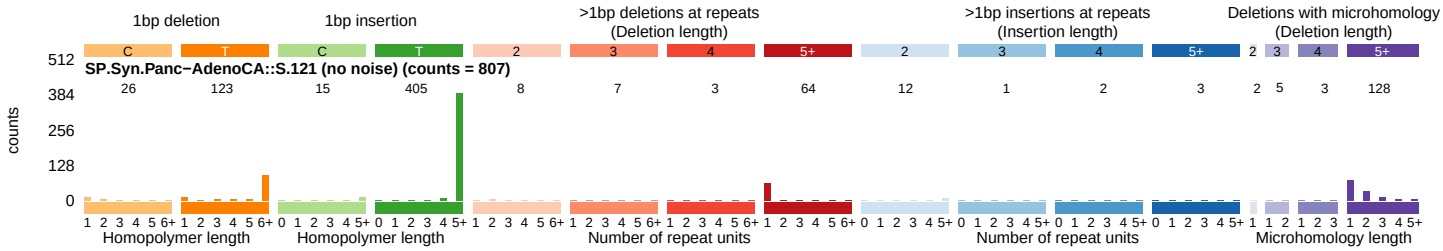
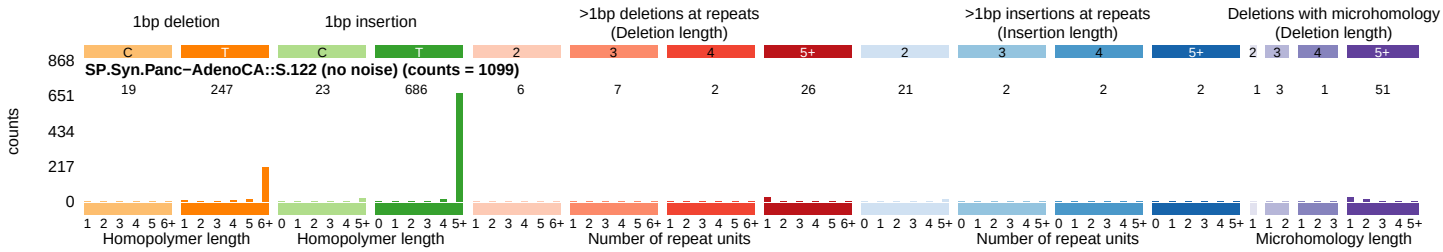
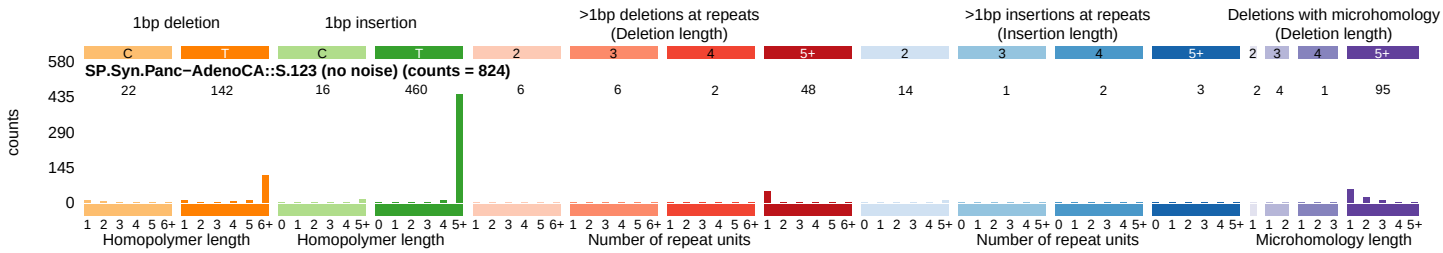
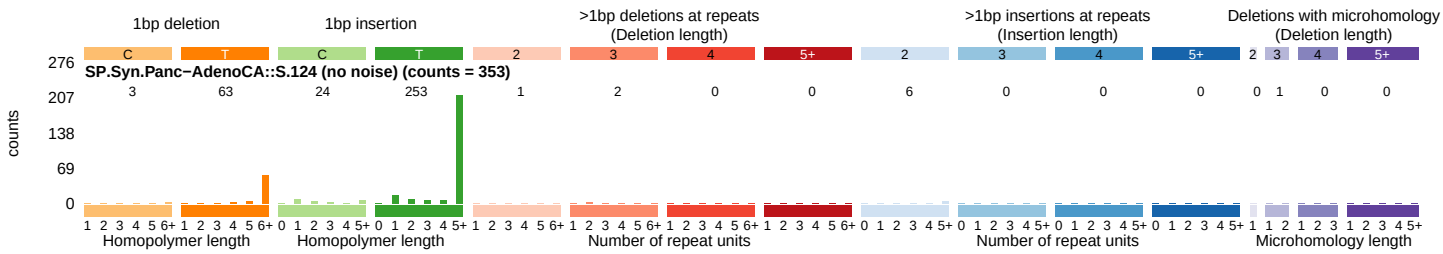
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.119 (no noise) (counts = 515)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.120 (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.Panc−AdenoCA::S.121 (no noise) (counts = 807)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.122 (no noise) (counts = 1099)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.123 (no noise) (counts = 824)
counts
Homopolymer length
Number of repeat units
Microhomology length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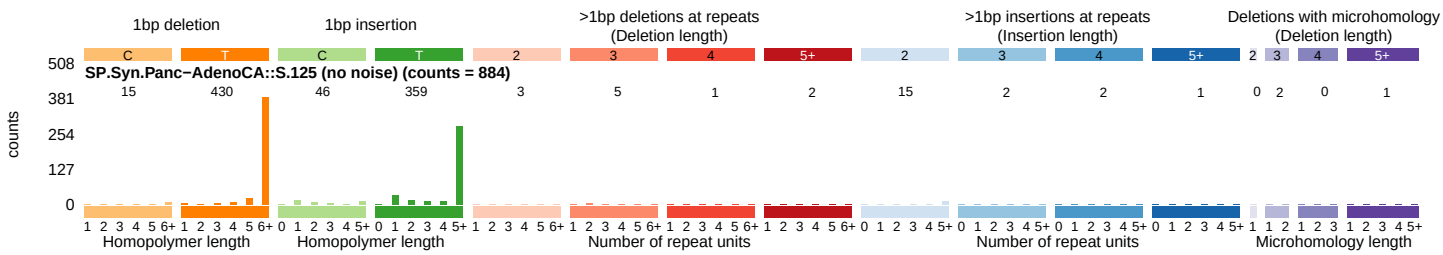
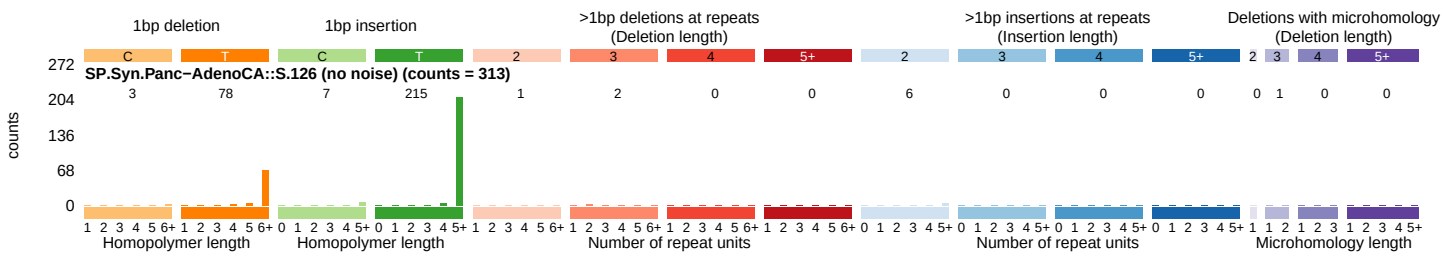
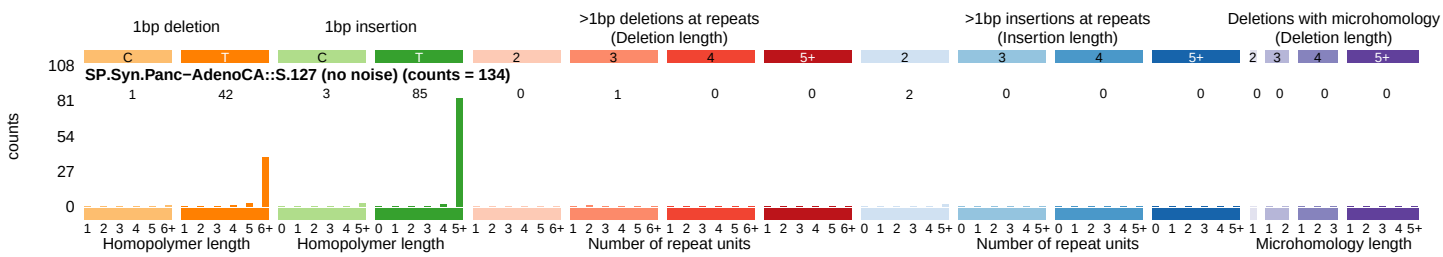
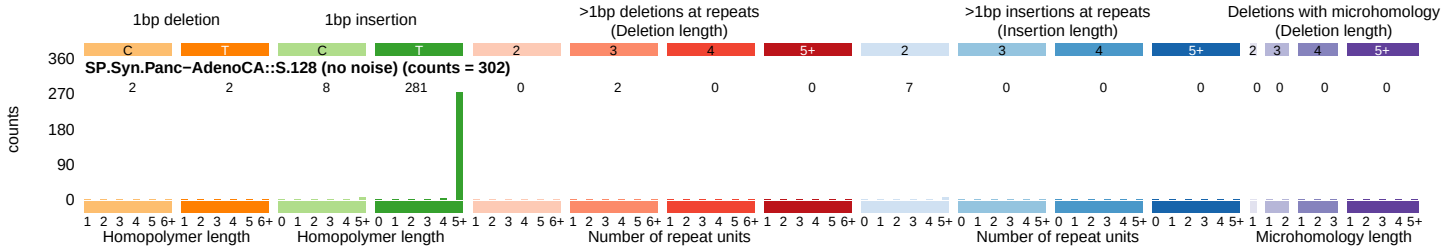
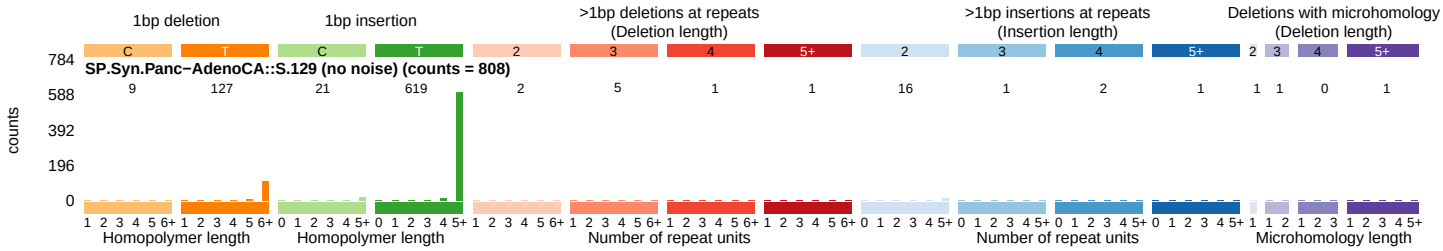
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.124 (no noise) (counts = 353)
counts
Homopolymer length
Number of repeat units
Microhomology length

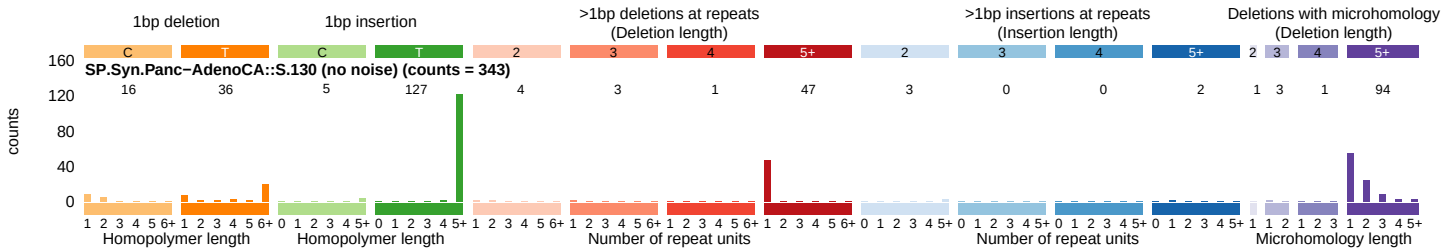

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.125 (no noise) (counts = 884)
counts
Homopolymer length
Number of repeat units
Microhomology length

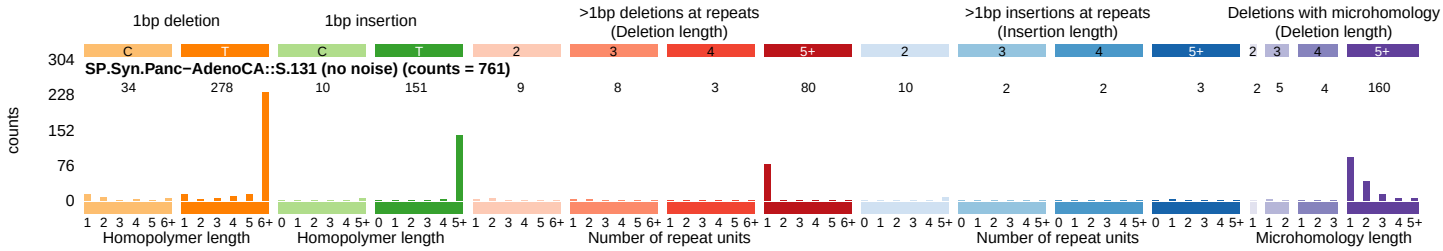

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.126 (no noise) (counts = 313)
counts
Homopolymer length
Number of repeat units
Microhomology length

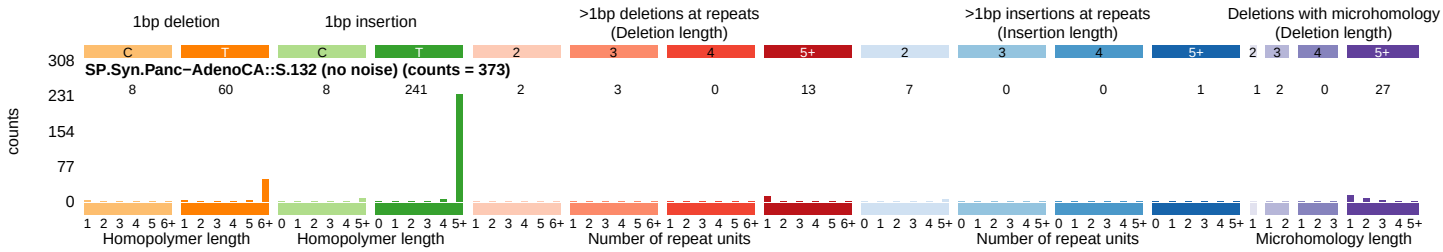

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.127 (no noise) (counts = 134)
counts
Homopolymer length
Number of repeat units
Microhomology length

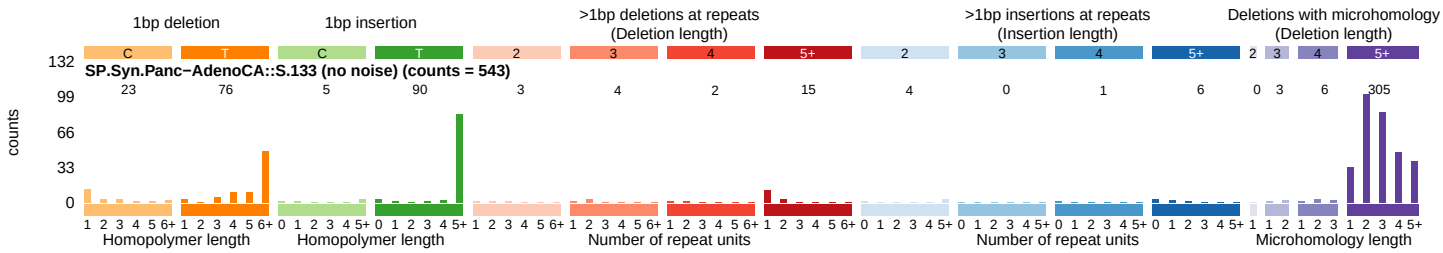

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.128 (no noise) (counts = 302)
counts
Homopolymer length
Number of repeat units
Microhomology length

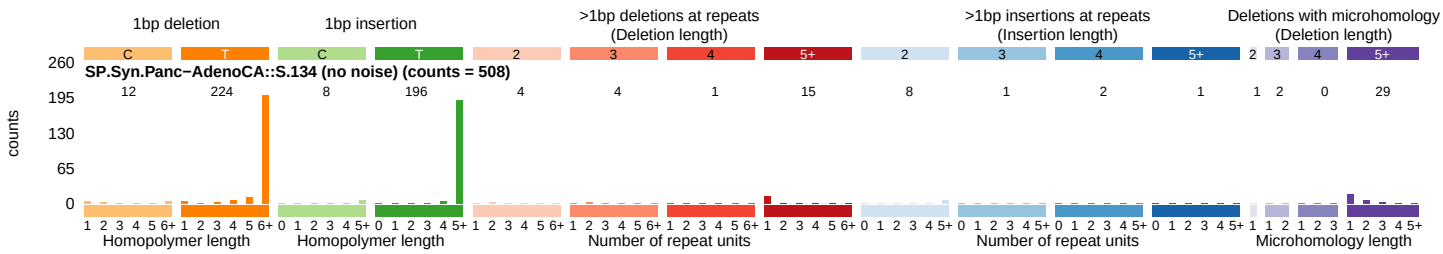

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.129 (no noise) (counts = 808)
counts
Homopolymer length
Number of repeat units
Microhomology length

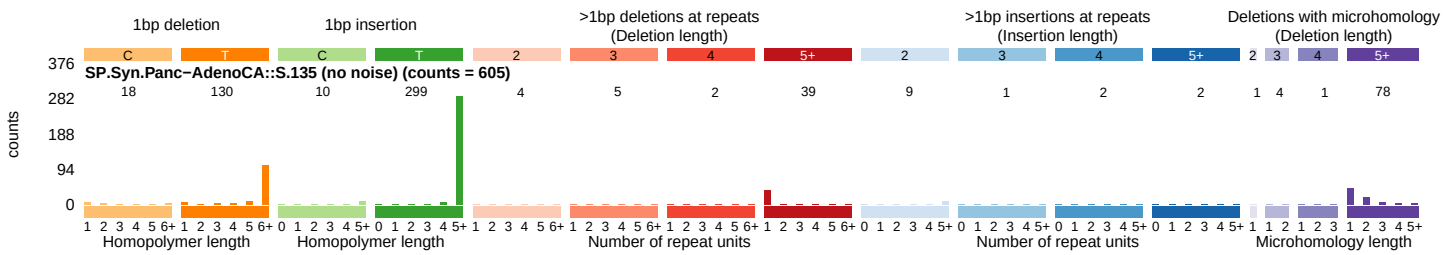

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.130 (no noise) (counts = 343)
counts
Homopolymer length
Number of repeat units
Microhomology length

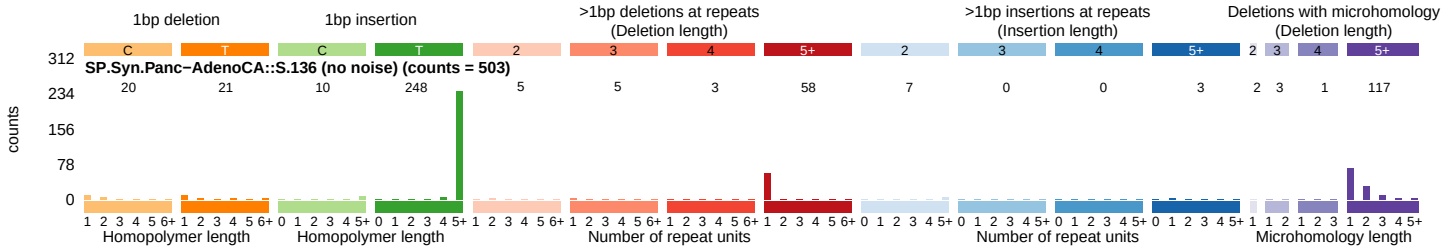

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.131 (no noise) (counts = 761)
counts
Homopolymer length
Number of repeat units
Microhomology length

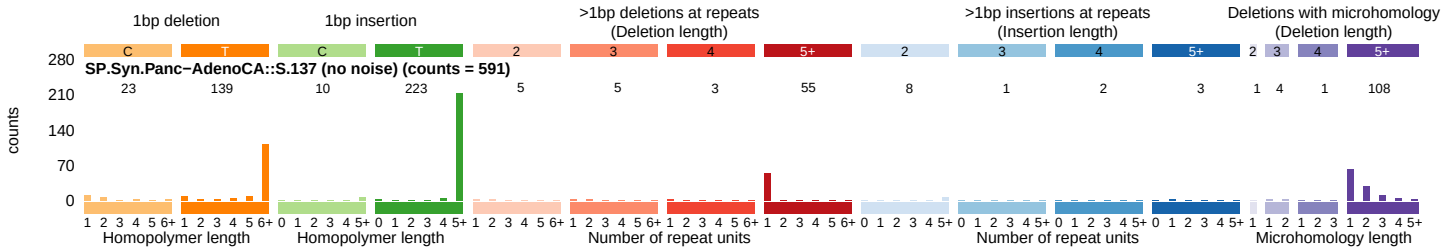

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.132 (no noise) (counts = 373)
counts
Homopolymer length
Number of repeat units
Microhomology length

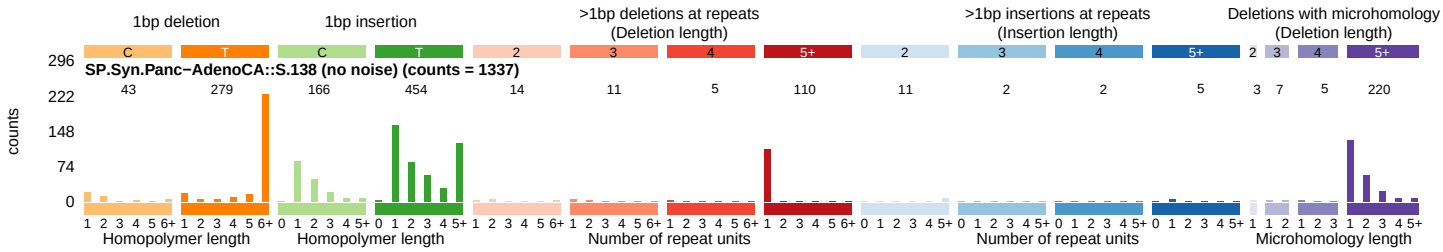

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.133 (no noise) (counts = 543)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.134 (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.Panc−AdenoCA::S.135 (no noise) (counts = 605)
counts
Homopolymer length
Number of repeat 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.Panc−AdenoCA::S.136 (no noise) (counts = 503)
20 21 10 248 5 5 3 58 7 0 0 3 2 3 1 117
counts
312 234 156 78 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.Panc−AdenoCA::S.137 (no noise) (counts = 591)
23 139 10 223 5 5 3 55 8 1 2 3 1 4 1 108
counts
280 210 140 70 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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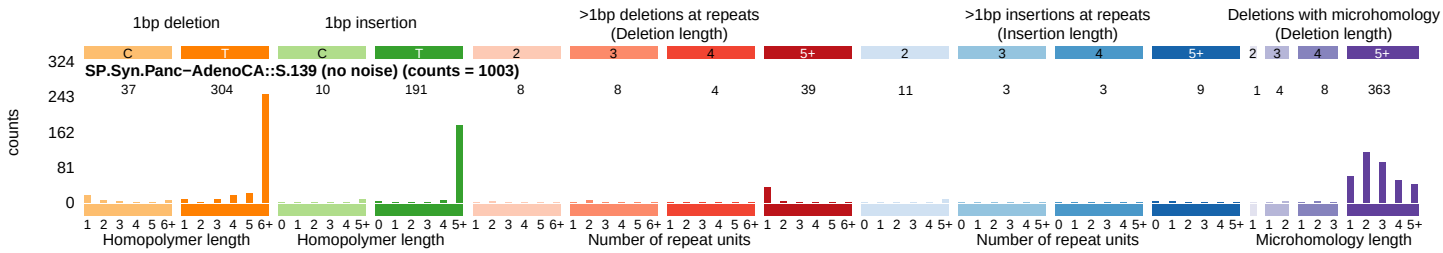
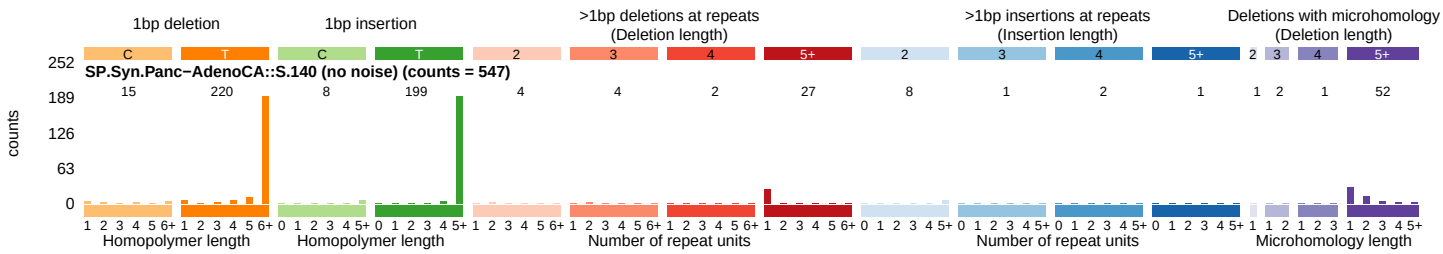
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.138 (no noise) (counts = 1337)
43 279 166 454 14 11 5 110 11 2 2 5 3 7 5 220
counts
296 222 148 74 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 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.Panc−AdenoCA::S.139 (no noise) (counts = 1003)
37 304 10 191 8 8 4 39 11 3 3 9 1 4 8 363
counts
324 243 162 81 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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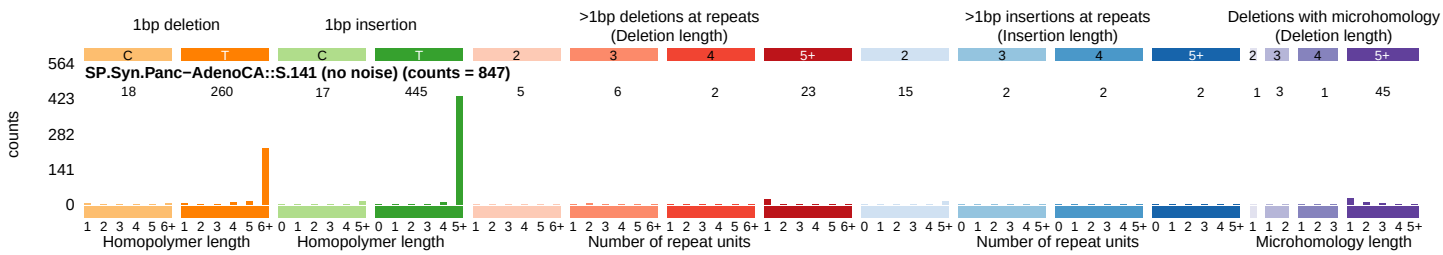
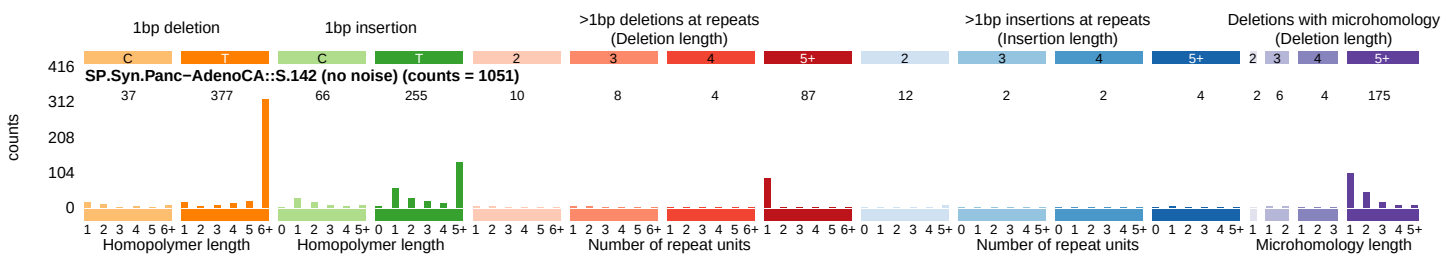
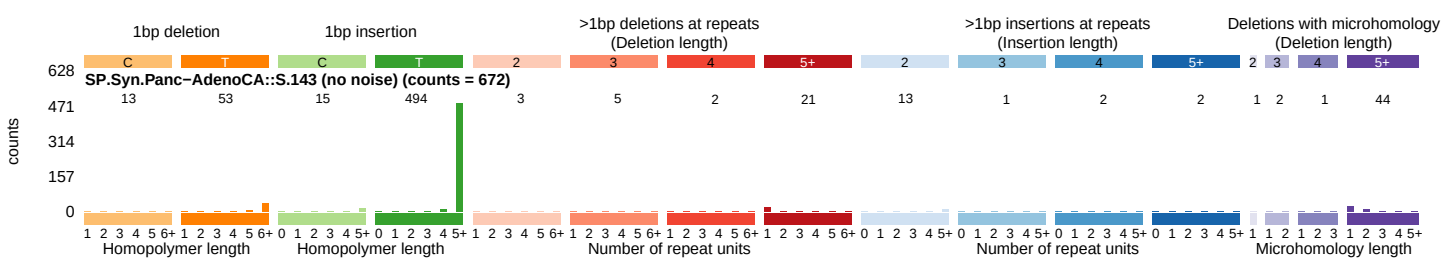
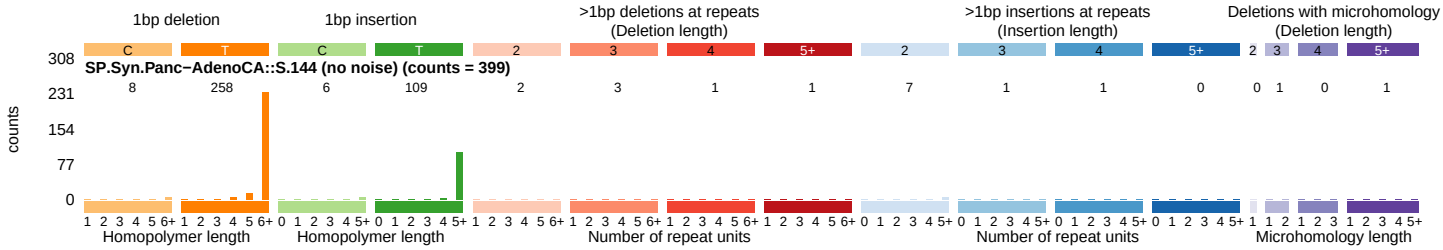
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.140 (no noise) (counts = 547)
15 220 8 199 4 4 2 27 8 1 2 1 1 2 1 52
counts
252 189 126 63 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 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.Panc−AdenoCA::S.141 (no noise) (counts = 847)
18 260 17 445 5 6 2 23 15 2 2 2 1 3 1 45
counts
564 423 282 141 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.Panc−AdenoCA::S.142 (no noise) (counts = 1051)
37 377 66 255 10 8 4 87 12 2 2 4 2 6 4 175
counts
416 312 208 104 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.Panc−AdenoCA::S.143 (no noise) (counts = 672)
13 53 15 494 3 5 2 21 13 1 2 2 1 2 1 44
counts
628 471 314 157 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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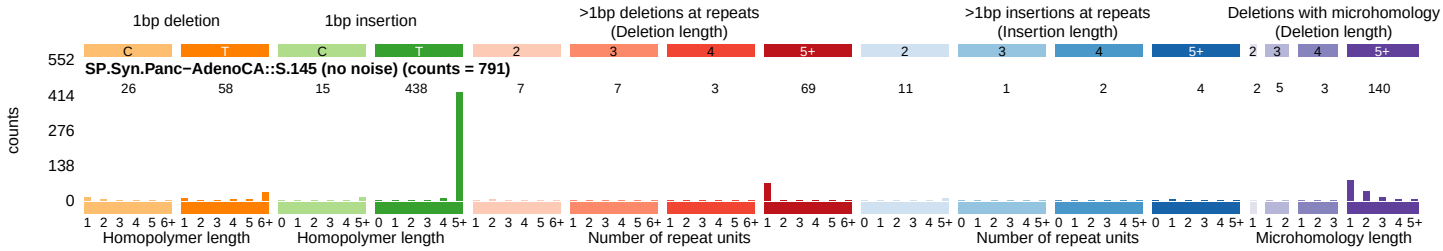
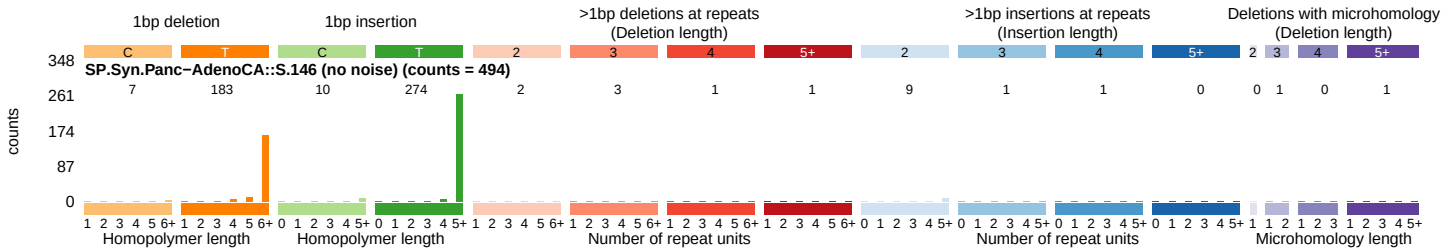
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.144 (no noise) (counts = 399)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.145 (no noise) (counts = 791)
counts
Homopolymer length
Number of repeat units
Microhomology length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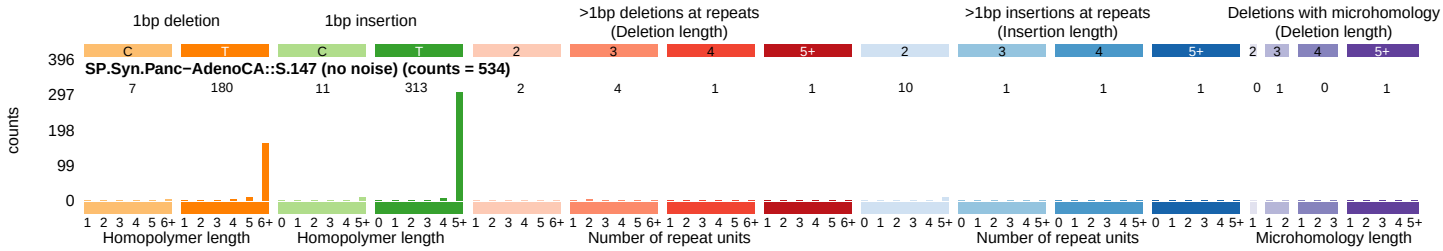
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.146 (no noise) (counts = 494)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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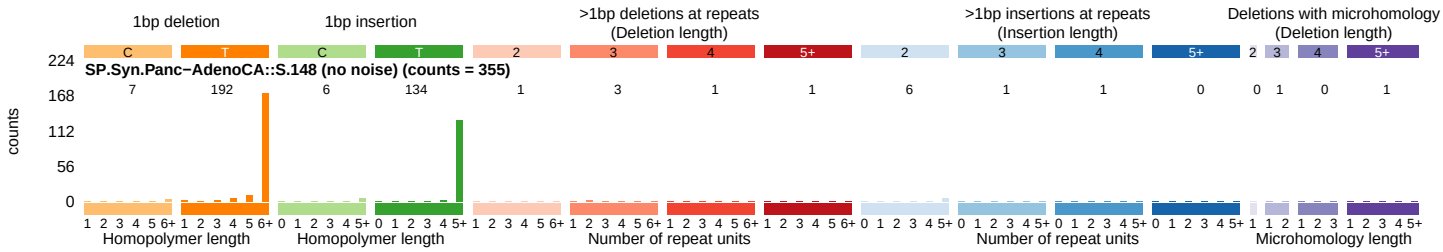
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.147 (no noise) (counts = 534)
counts
Homopolymer length
Number of repeat units
Microhomology length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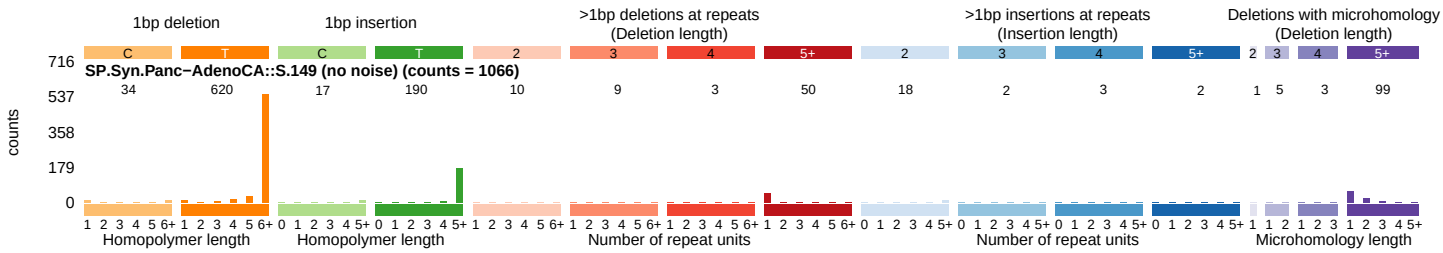
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.148 (no noise) (counts = 355)
counts
Homopolymer length
Number of repeat units
Microhomology length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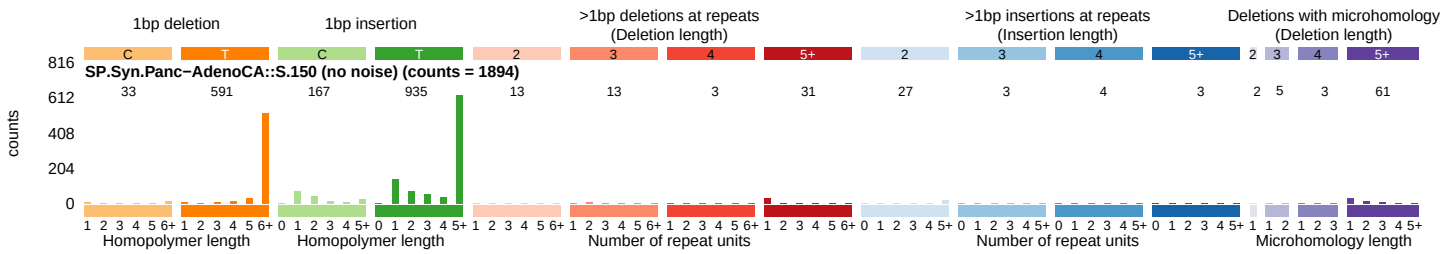
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.149 (no noise) (counts = 1066)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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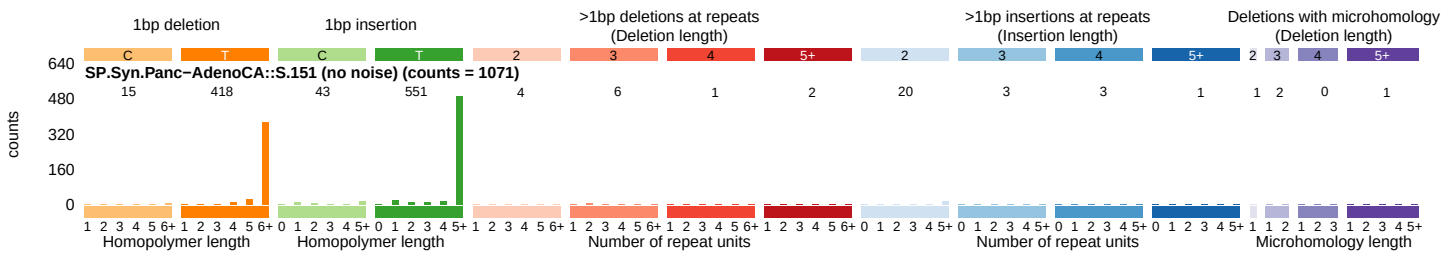
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.150 (no noise) (counts = 1894)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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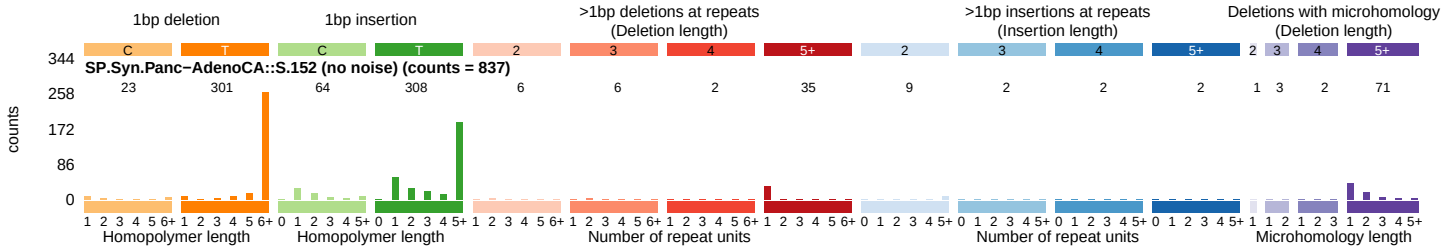
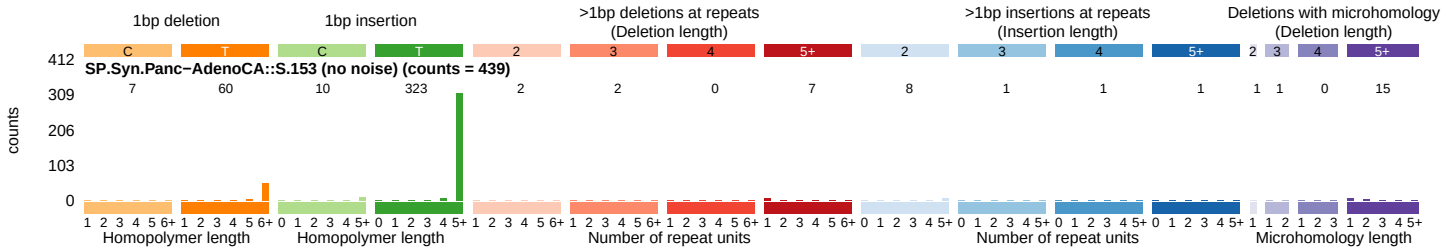
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.151 (no noise) (counts = 1071)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.152 (no noise) (counts = 837)
counts
Homopolymer length
Number of repeat units
Microhomology length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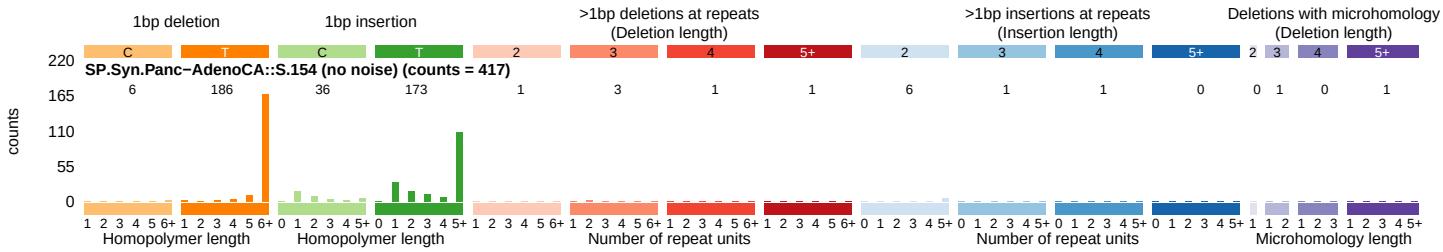
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.153 (no noise) (counts = 439)
counts
Homopolymer length
Number of repeat units
Microhomology length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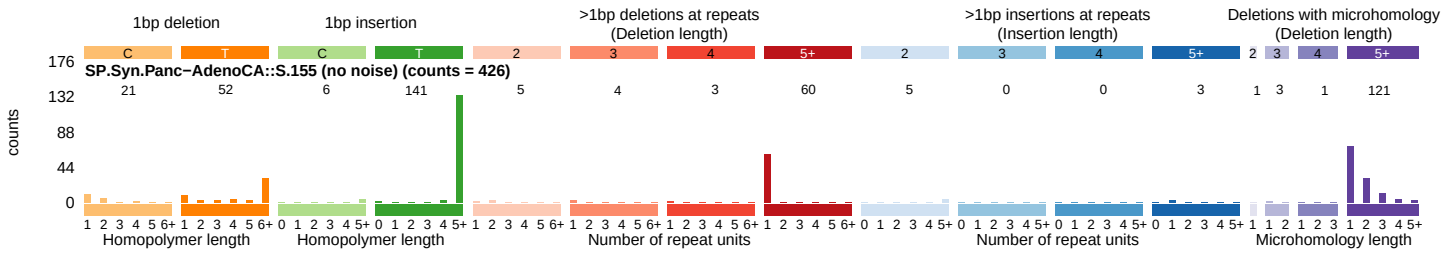
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.154 (no noise) (counts = 417)
counts
Homopolymer length
Number of repeat units
Microhomology length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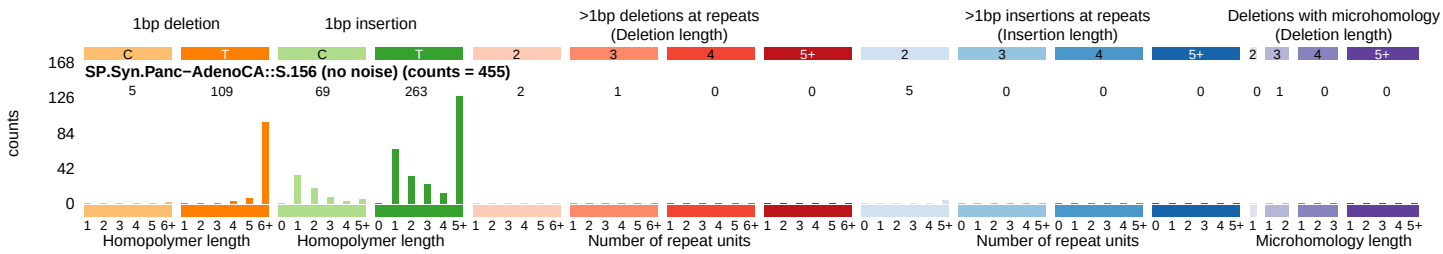
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.155 (no noise) (counts = 426)
counts
Homopolymer length
Number of repeat units
Microhomology length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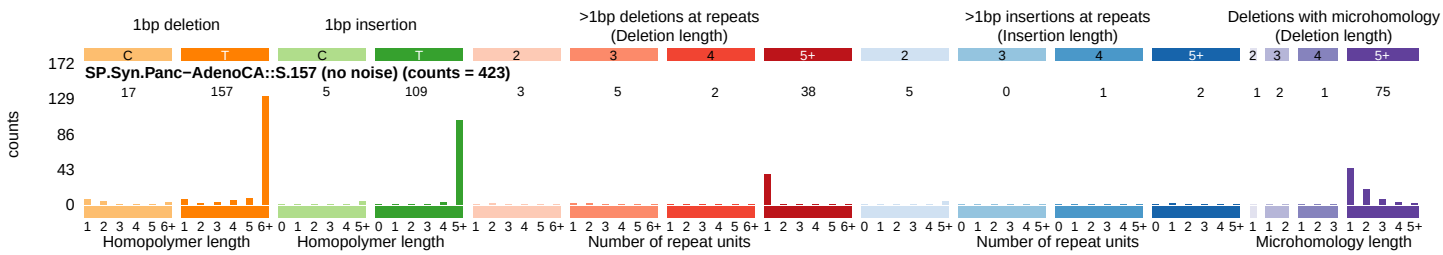
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.156 (no noise) (counts = 455)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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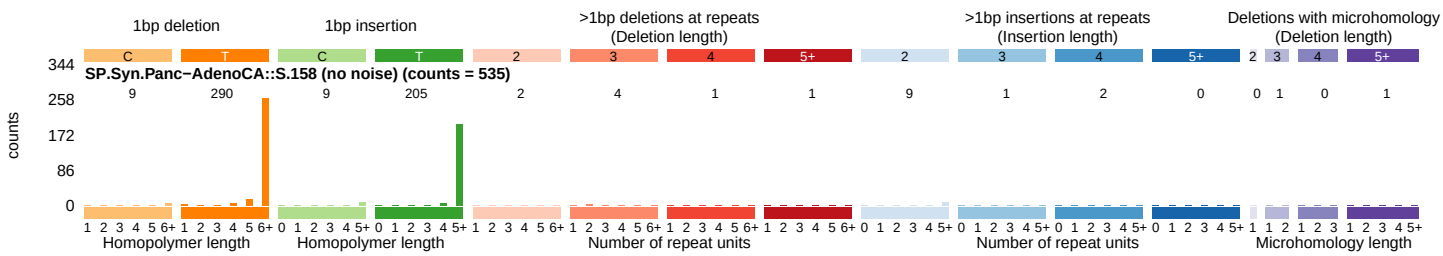
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.157 (no noise) (counts = 423)
counts
Homopolymer length
Number of repeat units
Microhomology length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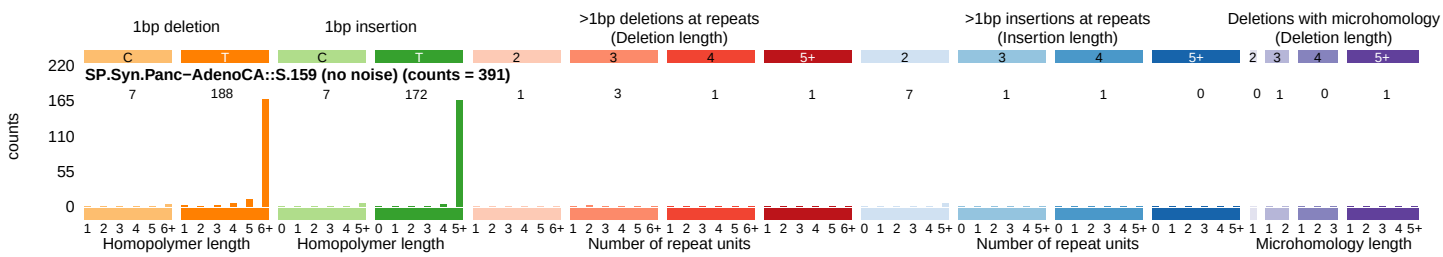
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.158 (no noise) (counts = 535)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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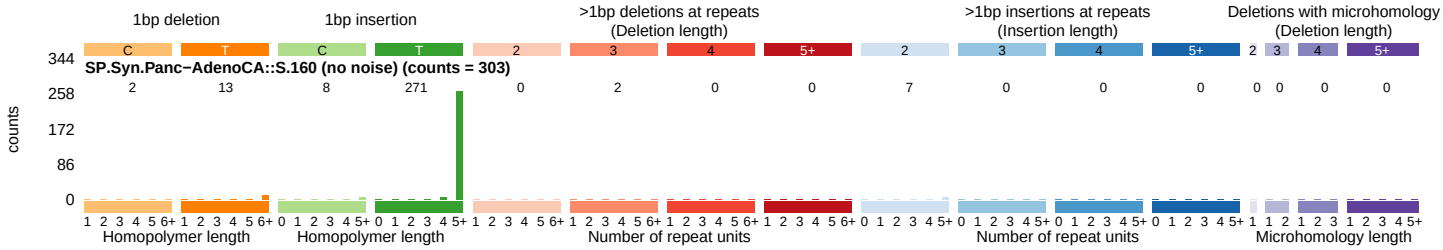
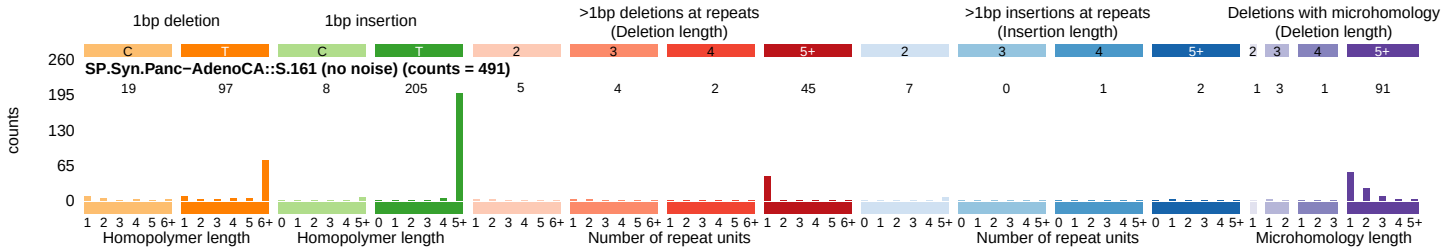
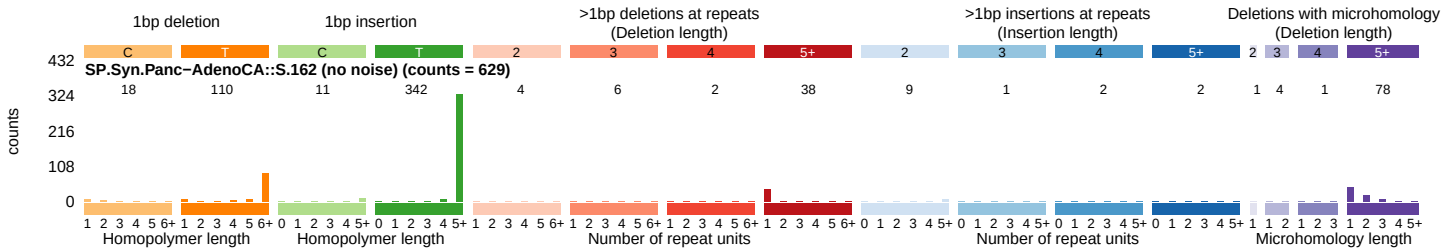
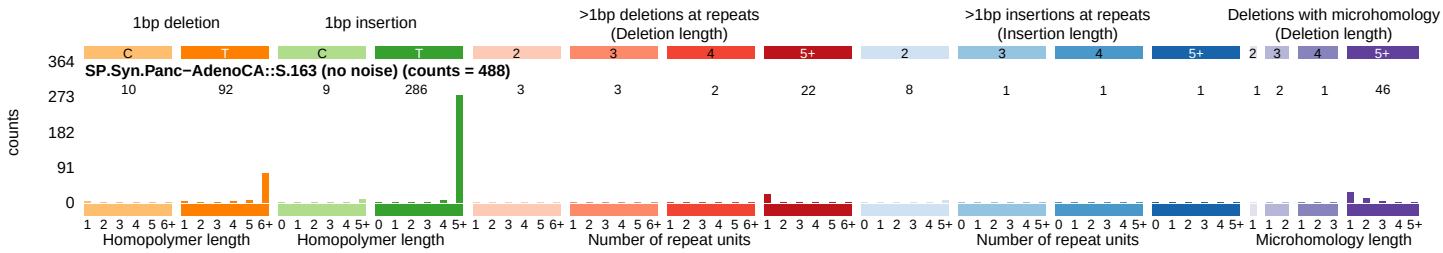
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.159 (no noise) (counts = 391)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.160 (no noise) (counts = 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.Panc−AdenoCA::S.161 (no noise) (counts = 491)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.162 (no noise) (counts = 629)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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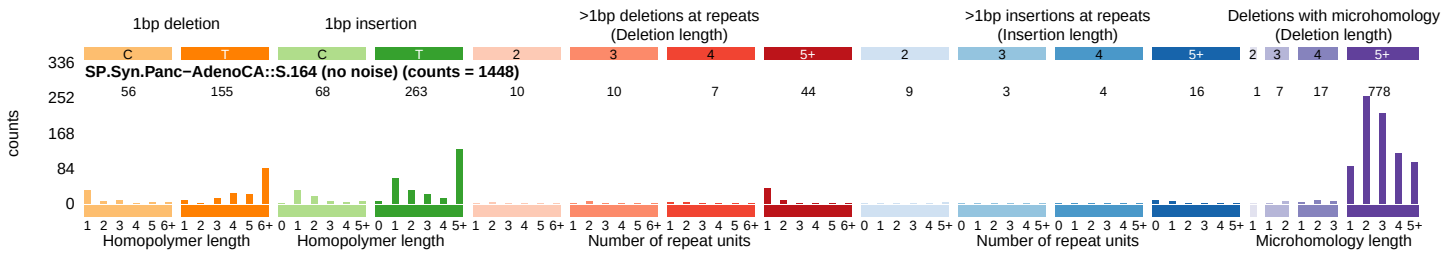
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.163 (no noise) (counts = 488)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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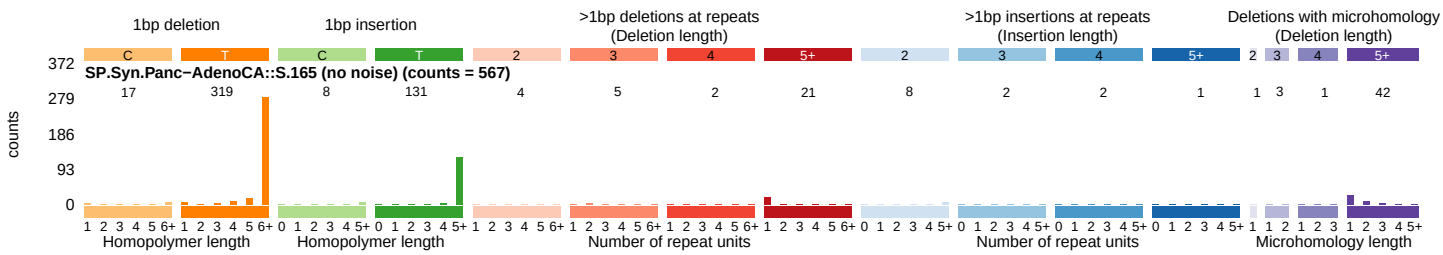
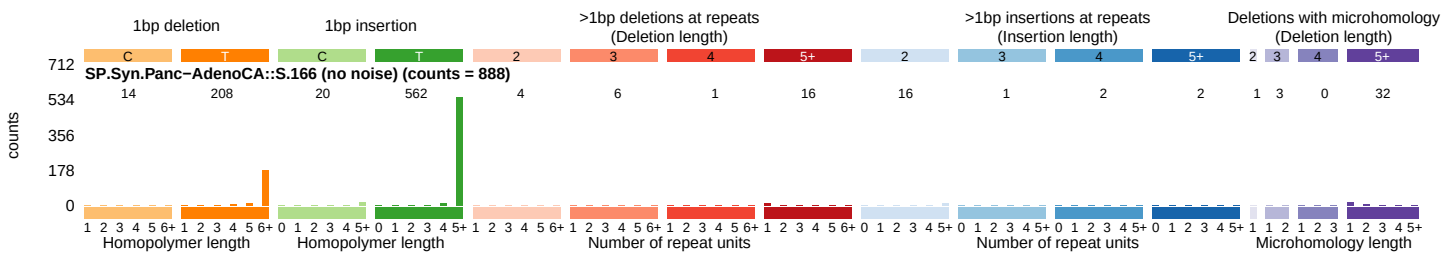
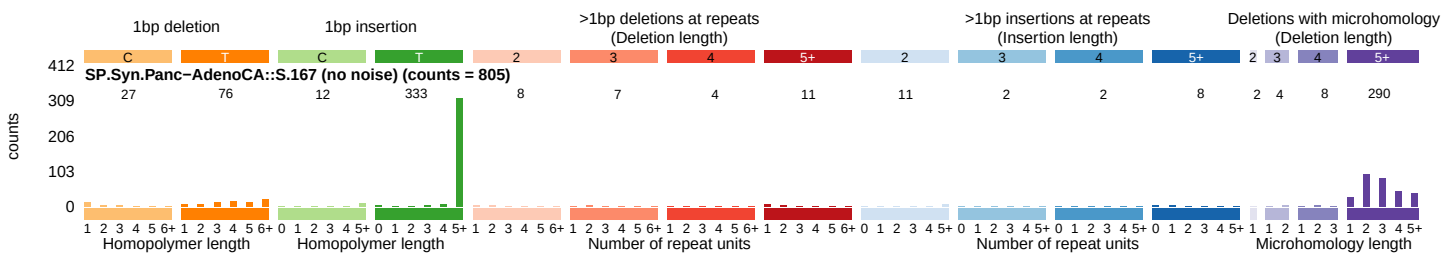
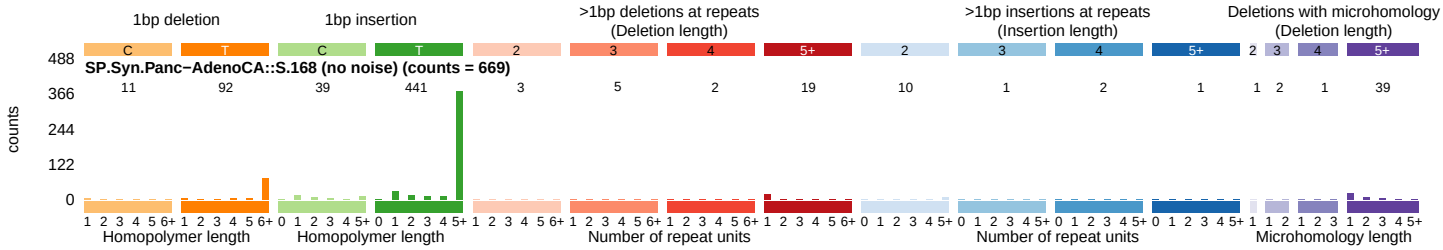
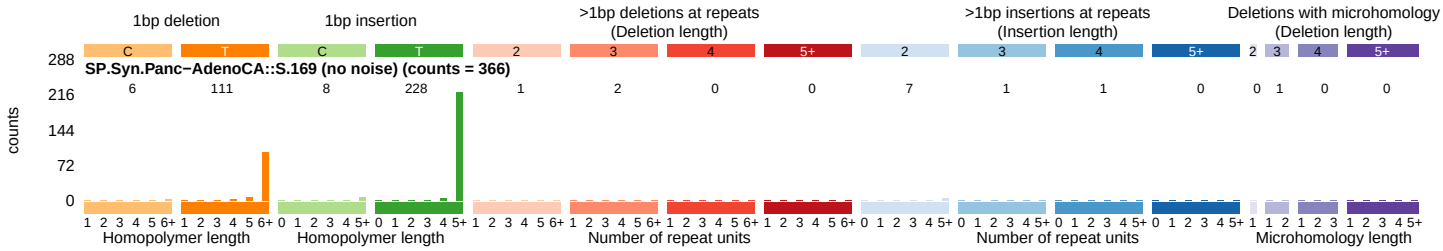
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.164 (no noise) (counts = 1448)
counts
Homopolymer length
Number of repeat units
Microhomology length

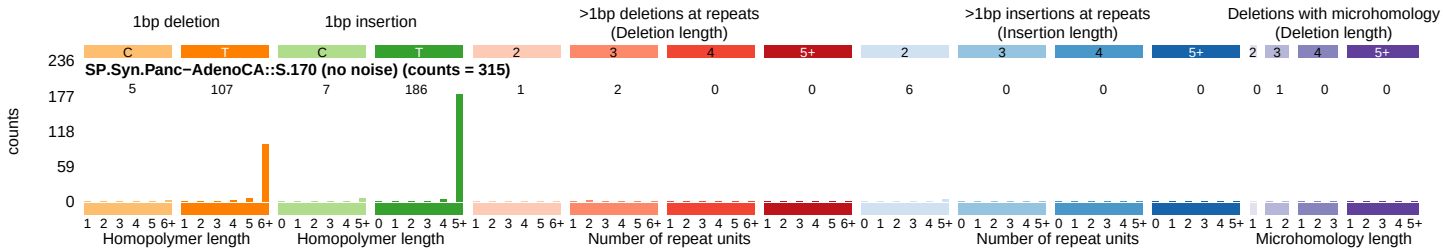

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.165 (no noise) (counts = 567)
counts
Homopolymer length
Number of repeat units
Microhomology length

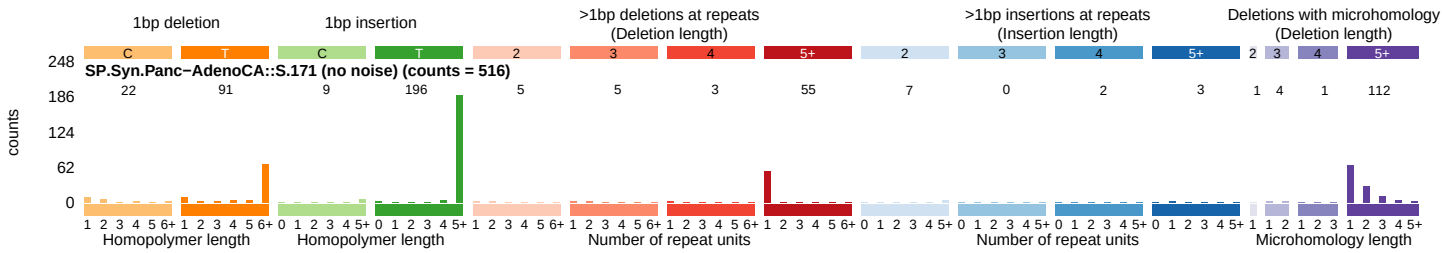

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.166 (no noise) (counts = 888)
counts
Homopolymer length
Number of repeat units
Microhomology length

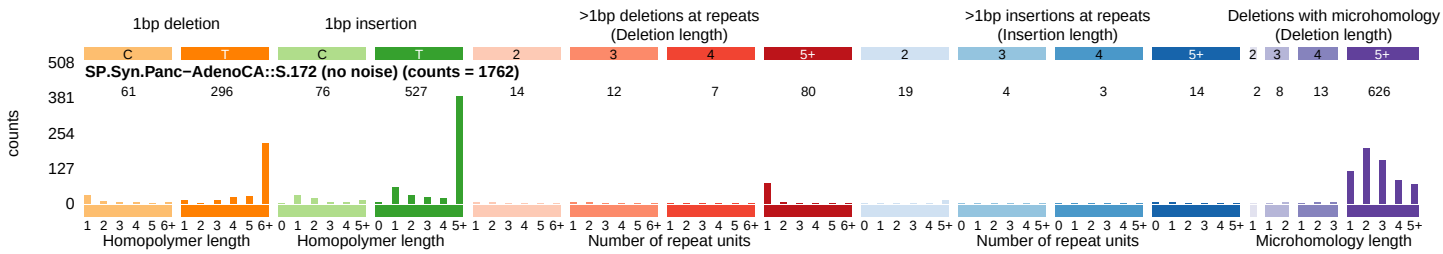

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.167 (no noise) (counts = 805)
counts
Homopolymer length
Number of repeat units
Microhomology length

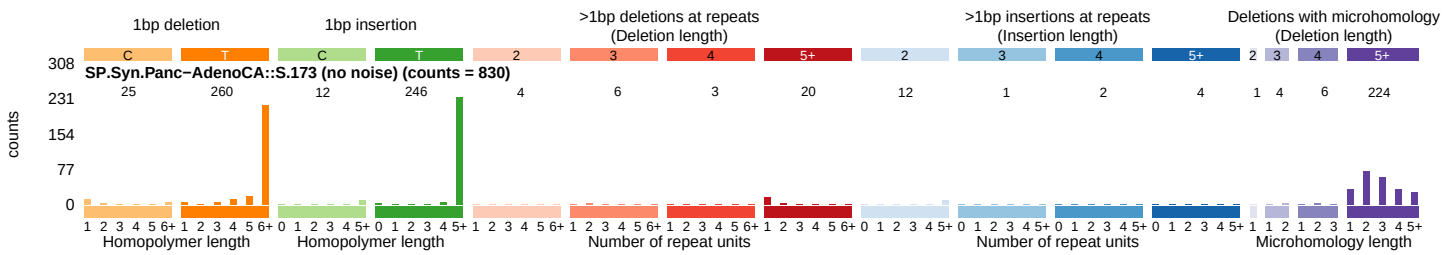

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.168 (no noise) (counts = 669)
counts
Homopolymer length
Number of repeat units
Microhomology length

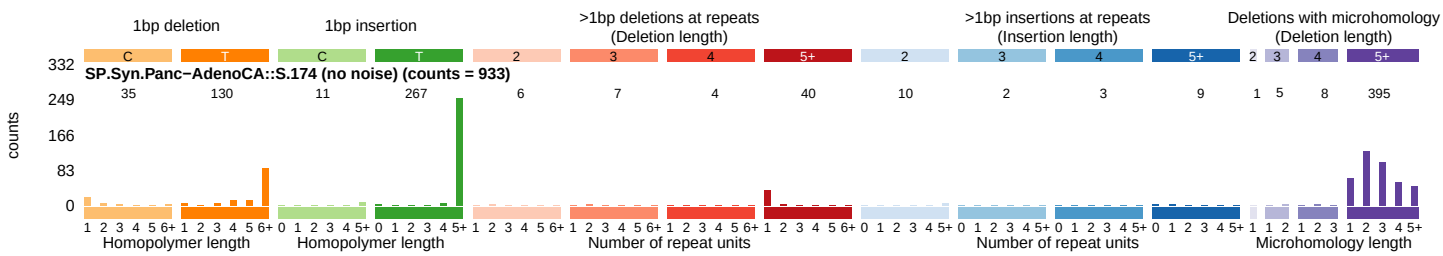

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.169 (no noise) (counts = 366)
counts
Homopolymer length
Number of repeat units
Microhomology length

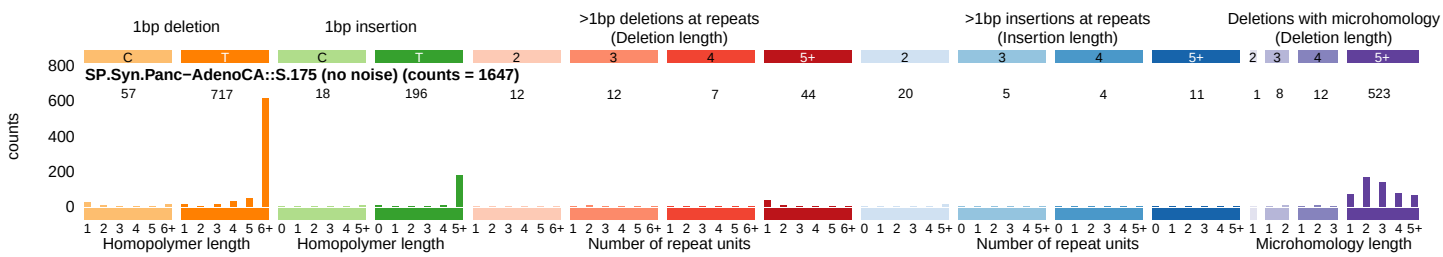

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.170 (no noise) (counts = 315)
counts
Homopolymer length
Number of repeat units
Microhomology length

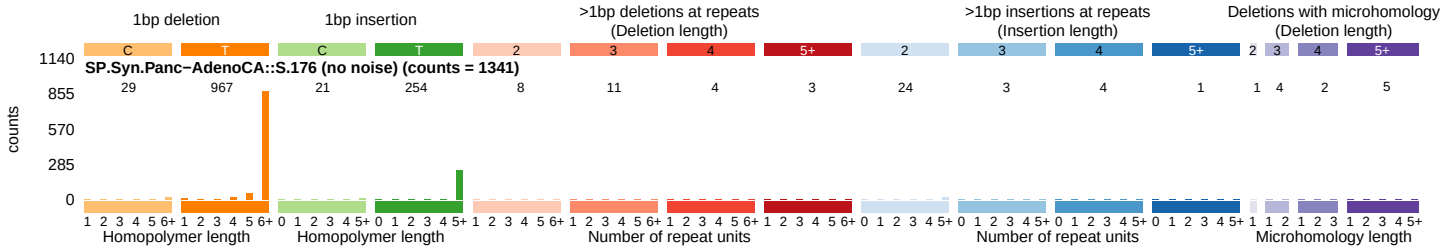

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.171 (no noise) (counts = 516)
counts
Homopolymer length
Number of repeat units
Microhomology length

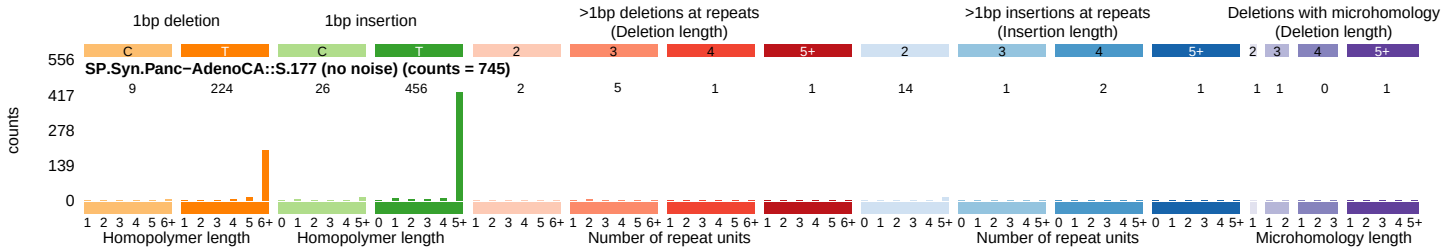

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.172 (no noise) (counts = 1762)
counts
Homopolymer length
Number of repeat units
Microhomology length

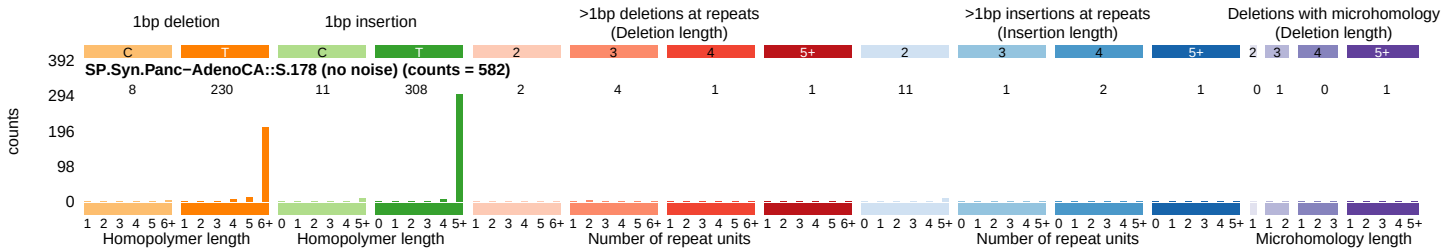

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.173 (no noise) (counts = 830)
counts
Homopolymer length
Number of repeat units
Microhomology length

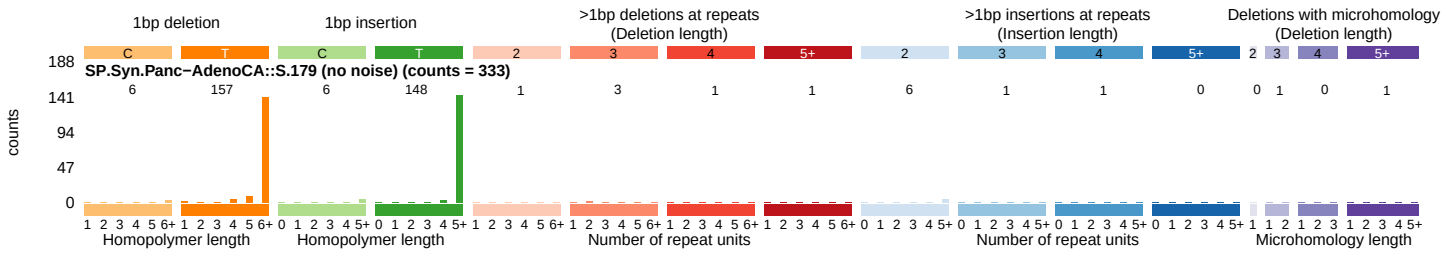

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.174 (no noise) (counts = 933)
counts
Homopolymer length
Number of repeat units
Microhomology length

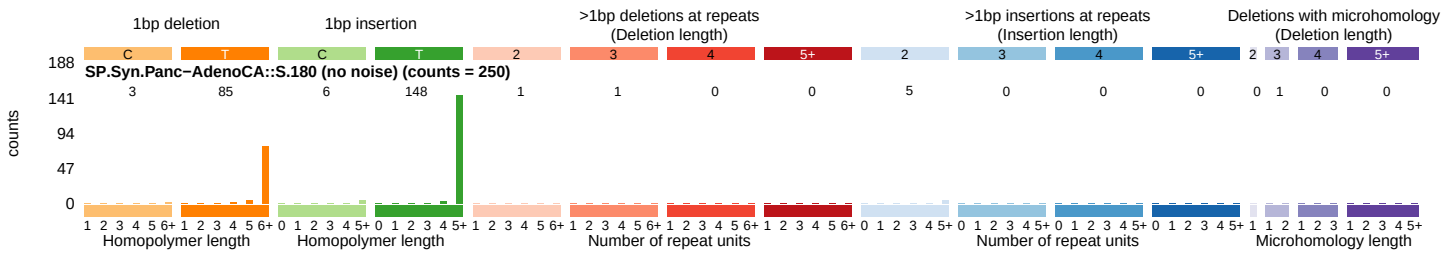

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.175 (no noise) (counts = 1647)
counts
Homopolymer length
Number of repeat units
Microhomology length

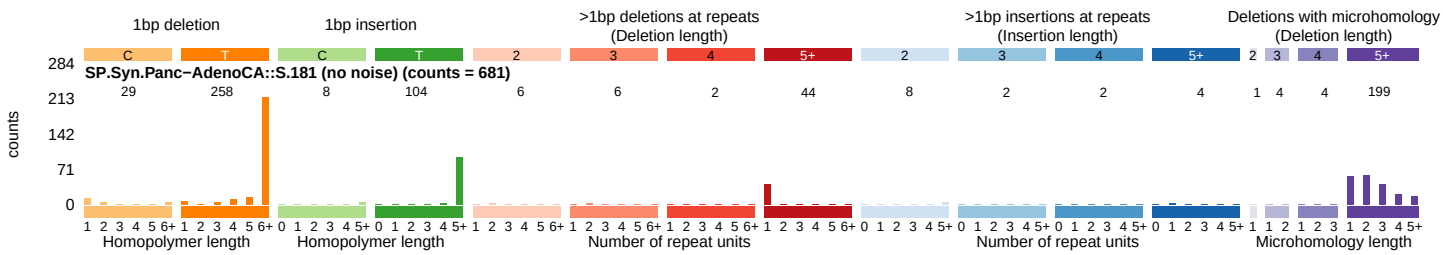

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.176 (no noise) (counts = 1341)
counts
Homopolymer length
Number of repeat units
Microhomology length

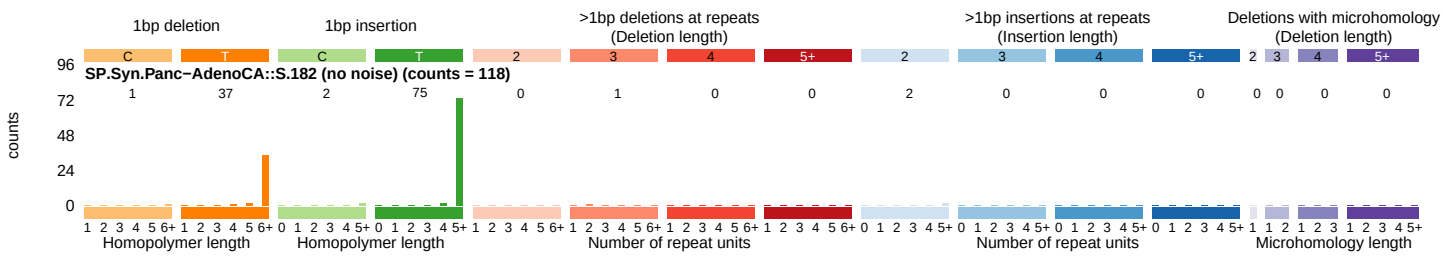

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.177 (no noise) (counts = 745)
counts
Homopolymer length
Number of repeat units
Microhomology length

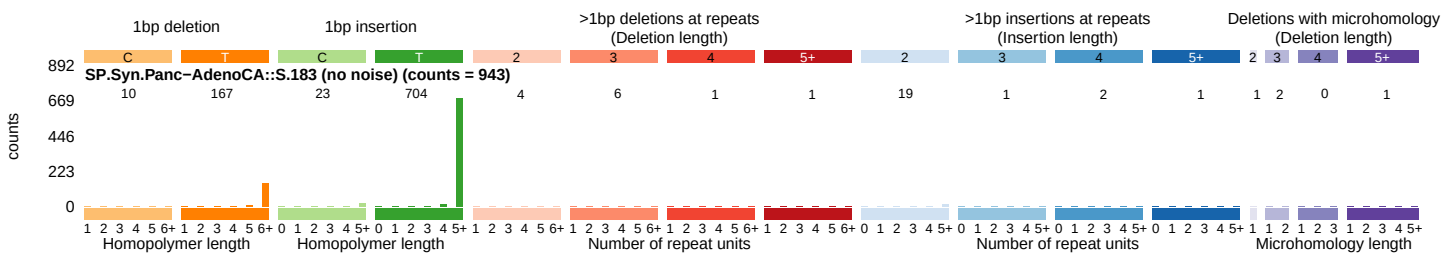

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.178 (no noise) (counts = 582)
counts
Homopolymer length
Number of repeat units
Microhomology length

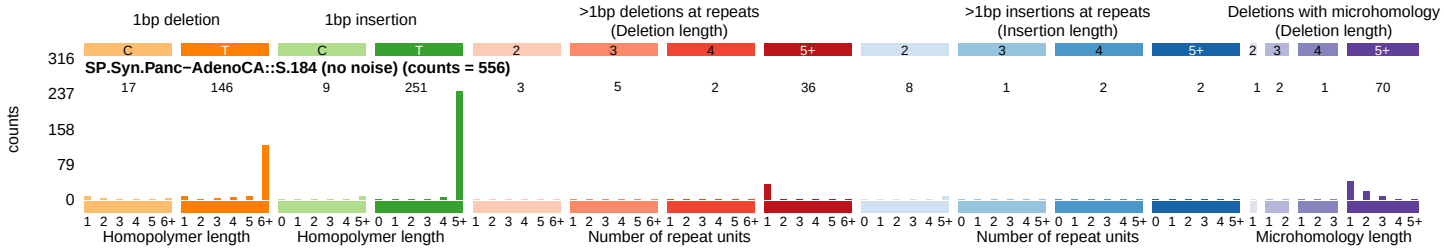

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.179 (no noise) (counts = 333)
counts
Homopolymer length
Number of repeat units
Microhomology length

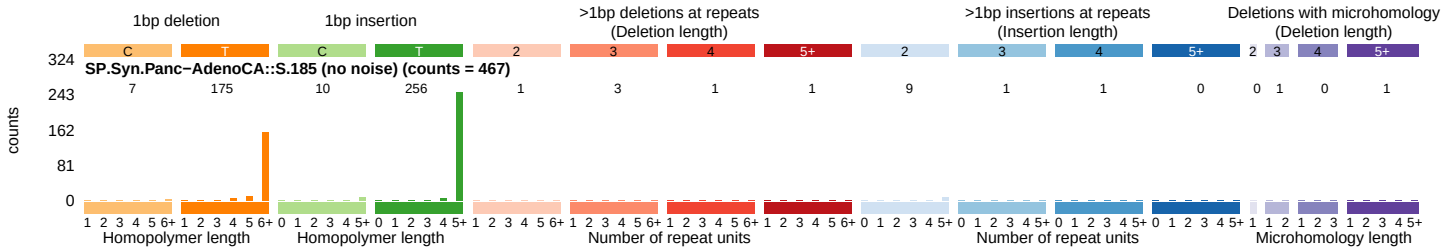

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.180 (no noise) (counts = 250)
counts
Homopolymer length
Number of repeat units
Microhomology length

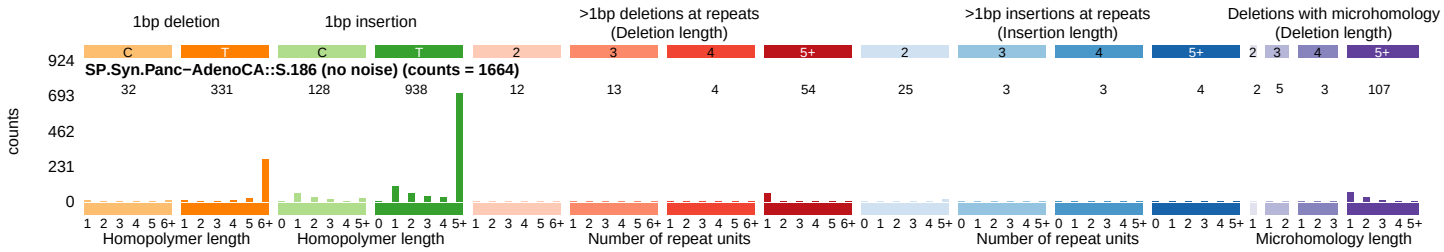

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.181 (no noise) (counts = 681)
counts
Homopolymer length
Number of repeat units
Microhomology length

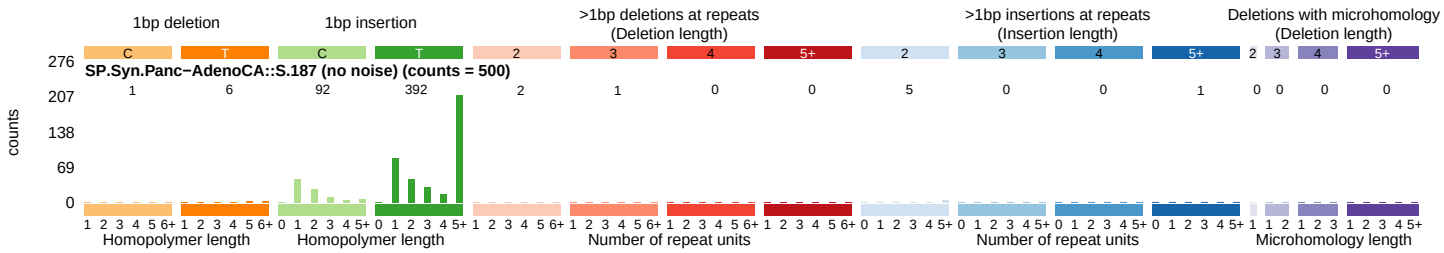

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.182 (no noise) (counts = 118)
counts
Homopolymer length
Number of repeat units
Microhomology length

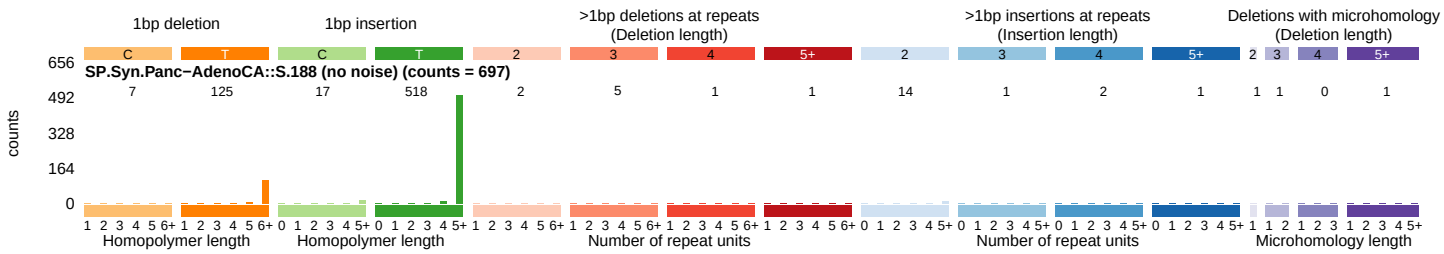

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.183 (no noise) (counts = 943)
counts
Homopolymer length
Number of repeat units
Microhomology length

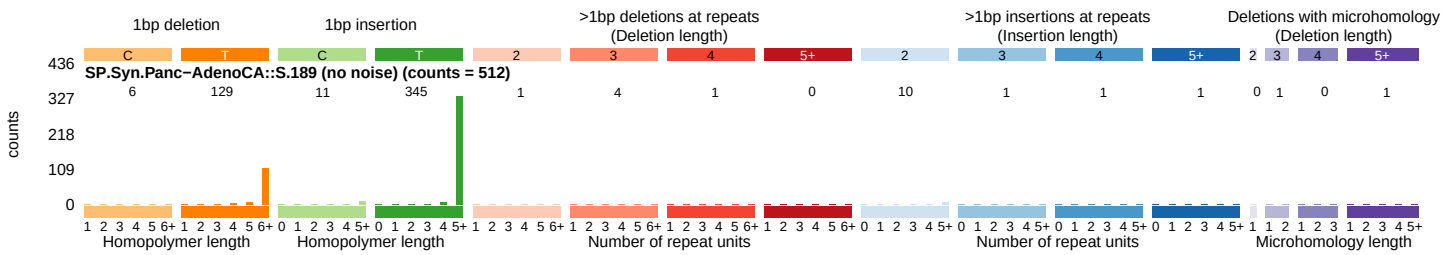

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.184 (no noise) (counts = 556)
counts
Homopolymer length
Number of repeat units
Microhomology length

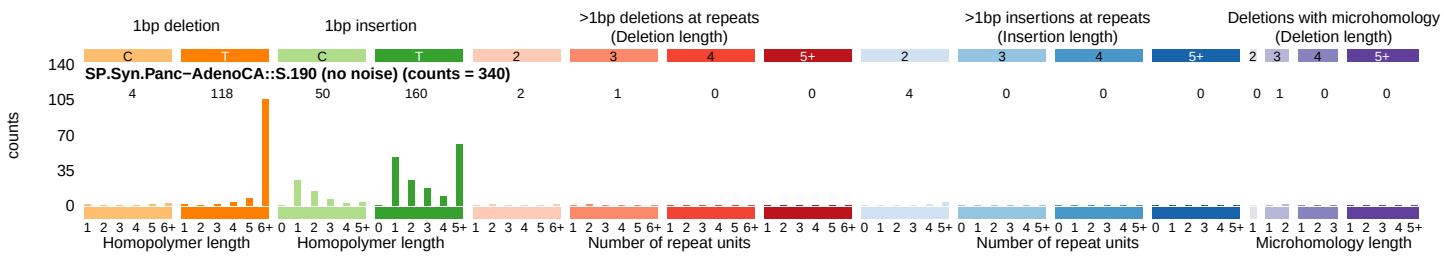

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.185 (no noise) (counts = 467)
counts
Homopolymer length
Number of repeat units
Microhomology length

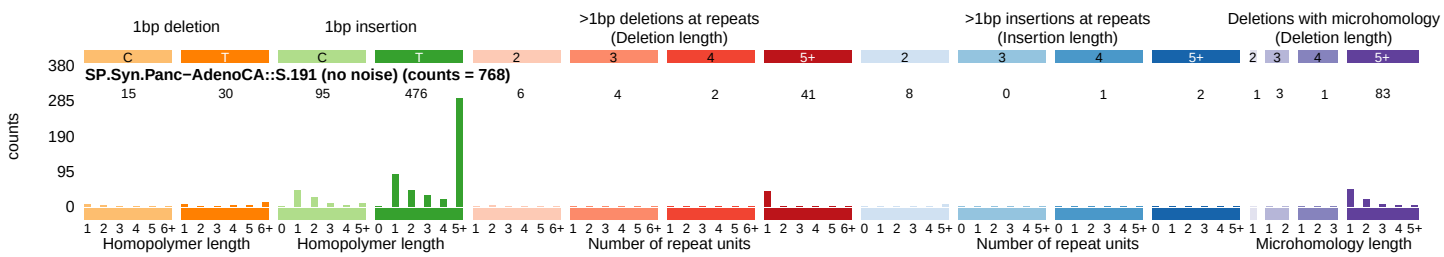

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.186 (no noise) (counts = 1664)
counts
Homopolymer length
Number of repeat units
Microhomology length

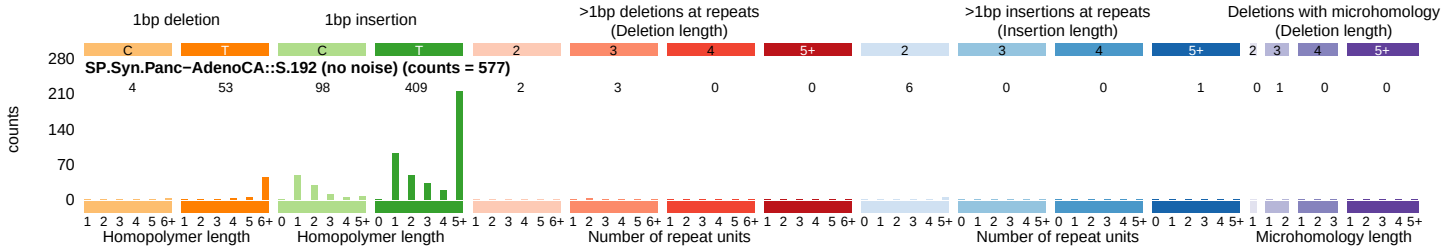

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.187 (no noise) (counts = 500)
counts
Homopolymer length
Number of repeat units
Microhomology length

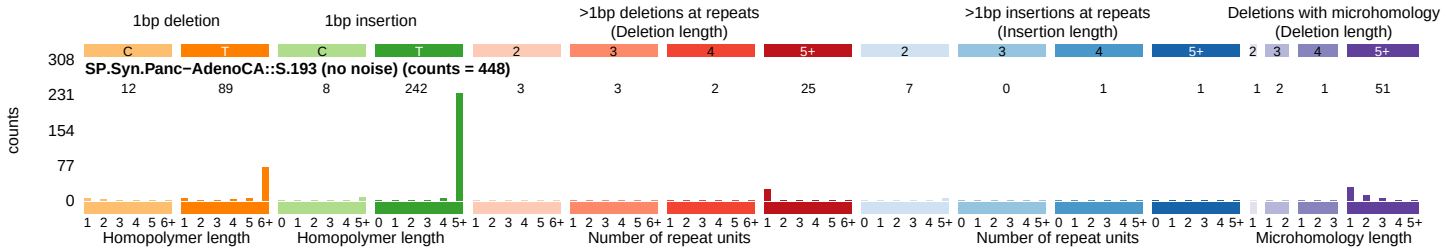

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.188 (no noise) (counts = 697)
counts
Homopolymer length
Number of repeat units
Microhomology length

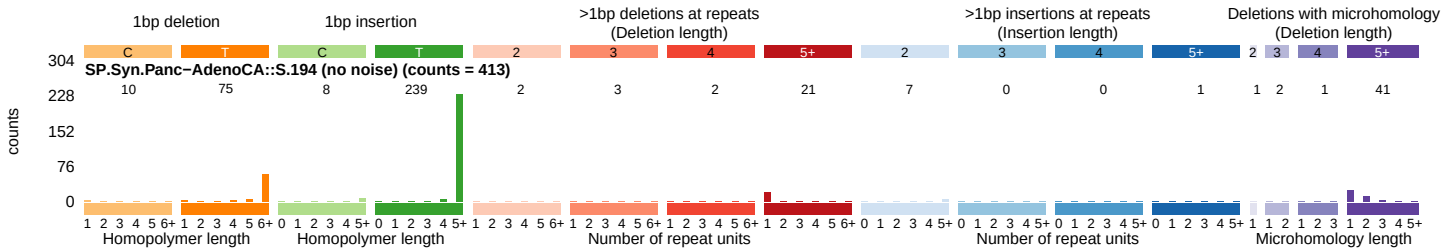

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.189 (no noise) (counts = 512)
counts
Homopolymer length
Number of repeat units
Microhomology length

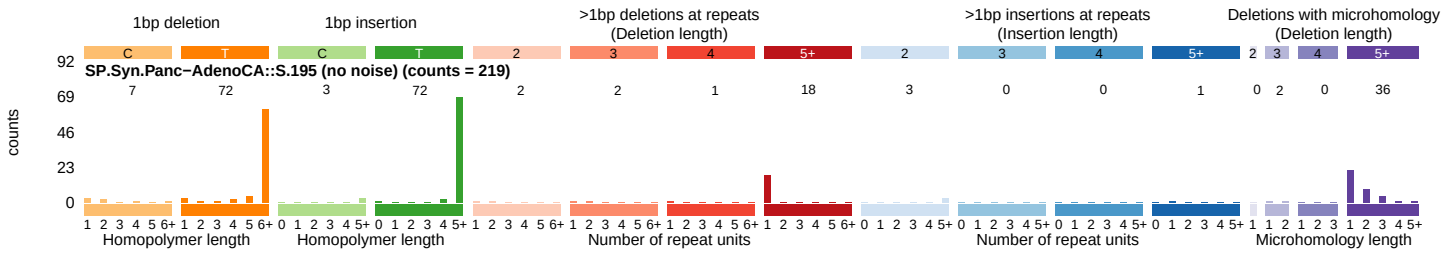

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.190 (no noise) (counts = 340)
counts
Homopolymer length
Number of repeat units
Microhomology length

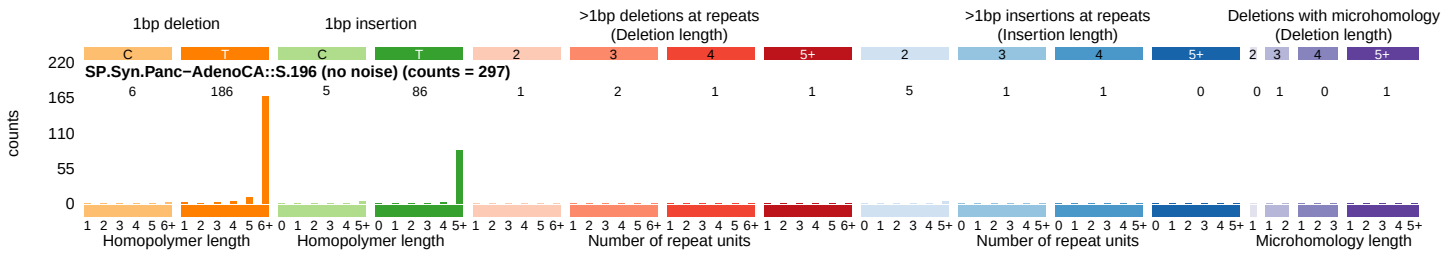

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.191 (no noise) (counts = 768)
counts
Homopolymer length
Number of repeat units
Microhomology length

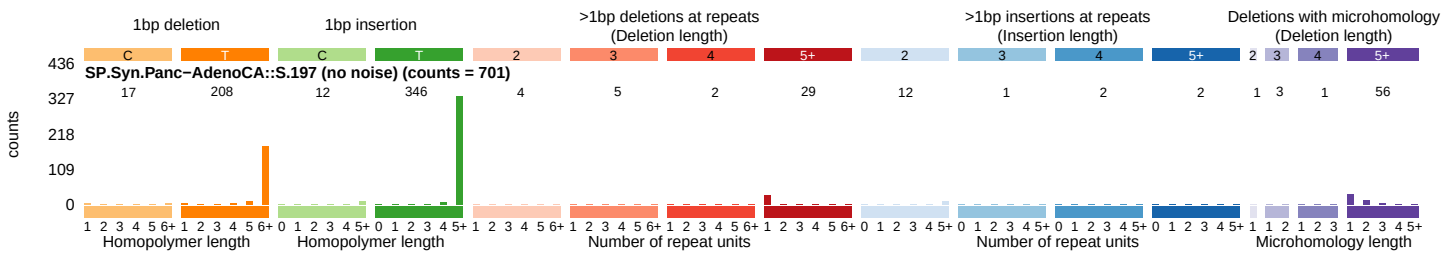

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.192 (no noise) (counts = 577)
4 53 98 409 2 3 0 0 6 0 0 1 0 1 0 0
counts
280 210 140 70 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

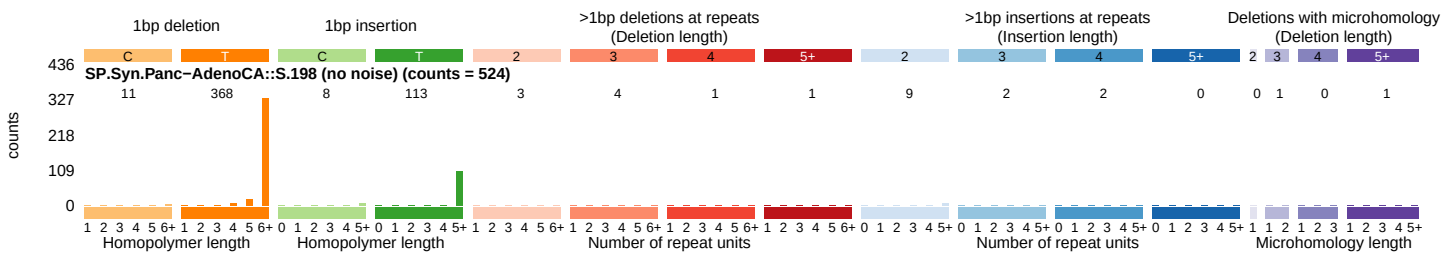

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.193 (no noise) (counts = 448)
12 89 8 242 3 3 2 25 7 0 1 1 1 2 1 51
counts
308 231 154 77 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

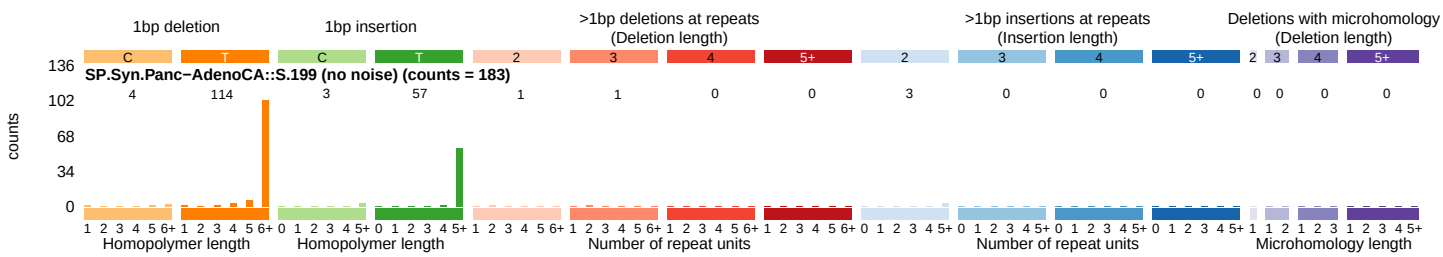

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.194 (no noise) (counts = 413)
10 75 8 239 2 3 2 21 7 0 0 1 1 2 1 41
counts
304 228 152 76 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

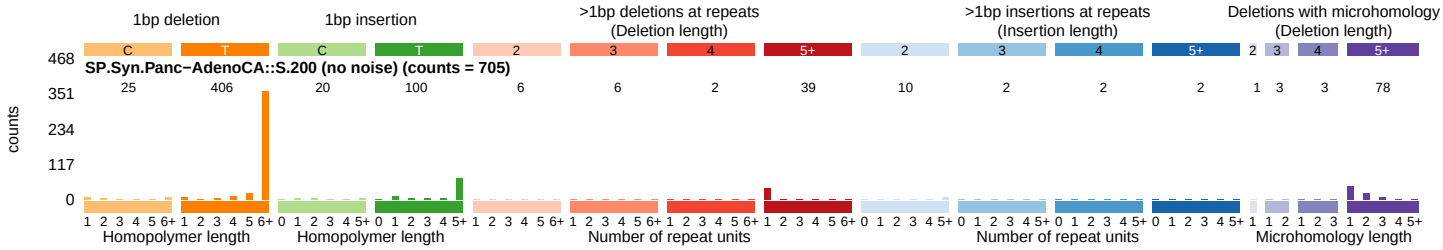

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.195 (no noise) (counts = 219)
7 72 3 72 2 2 1 18 3 0 0 1 0 2 0 36
counts
92 69 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

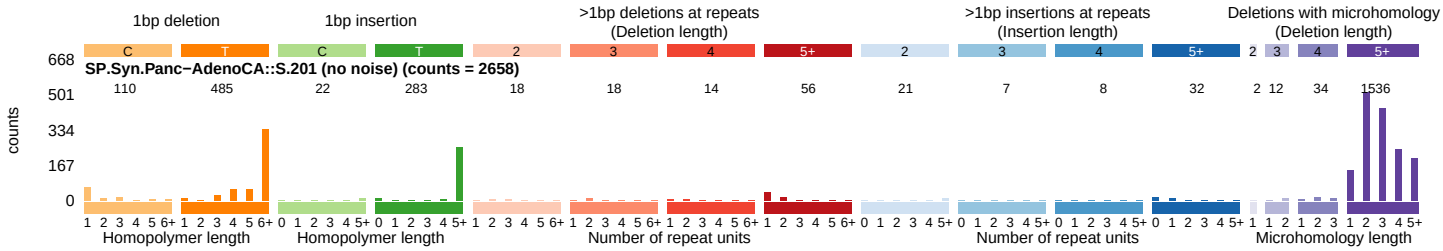

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.196 (no noise) (counts = 297)
6 186 5 86 1 2 1 1 5 1 1 0 0 1 0 1
counts
220 165 110 55 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

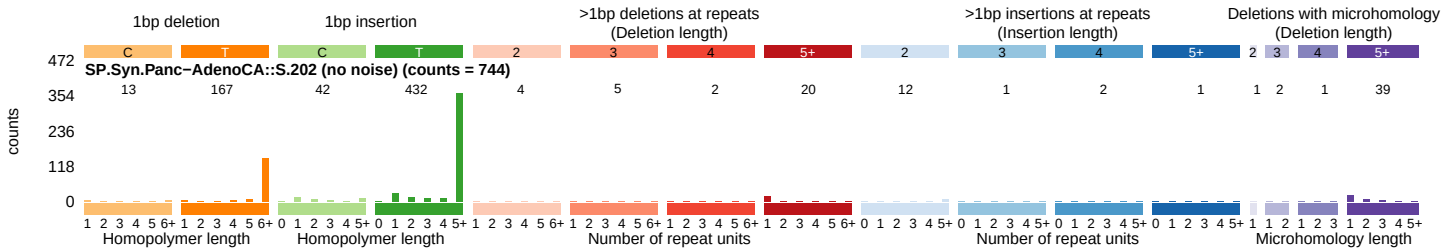

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.197 (no noise) (counts = 701)
17 208 12 346 4 5 2 29 12 1 2 2 1 3 1 56
counts
436 327 218 109 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

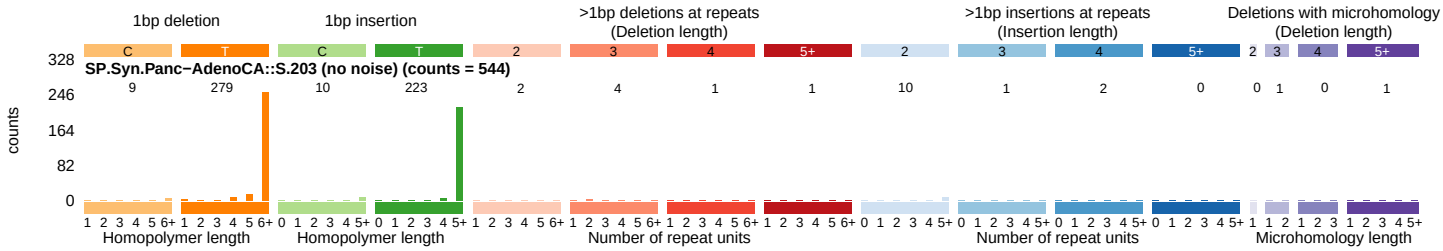

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.198 (no noise) (counts = 524)
11 368 8 113 3 4 1 1 9 2 2 0 0 1 0 1
counts
436 327 218 109 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

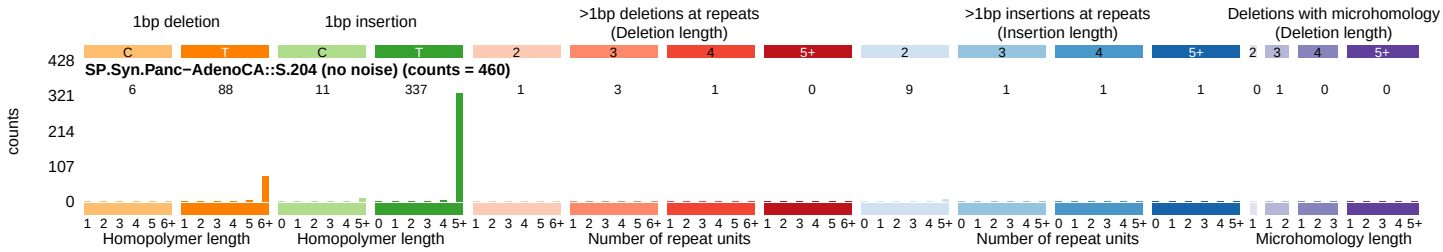

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.199 (no noise) (counts = 183)
4 114 3 57 1 1 0 0 3 0 0 0 0 0 0 0
counts
136 102 68 34 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

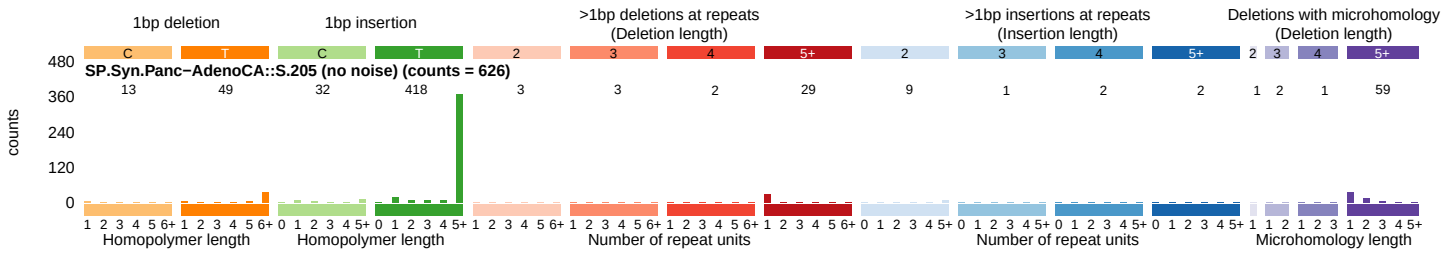

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.200 (no noise) (counts = 705)
counts
Homopolymer length
Number of repeat units
Microhomology length

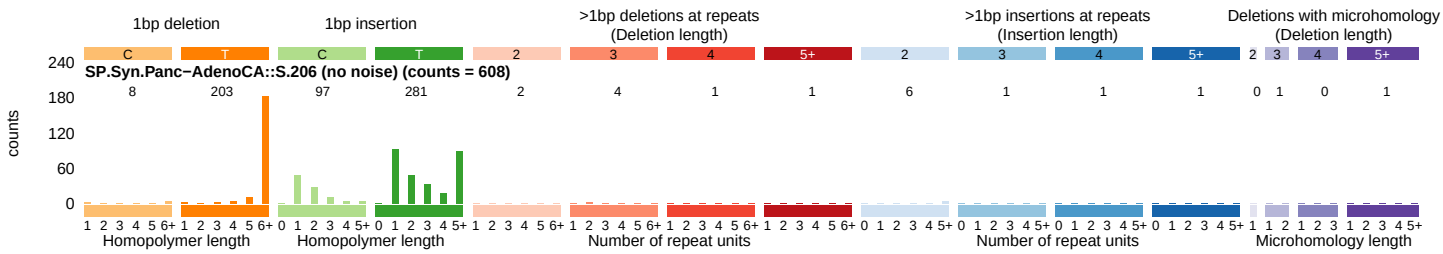

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.201 (no noise) (counts = 2658)
counts
Homopolymer length
Number of repeat units
Microhomology length

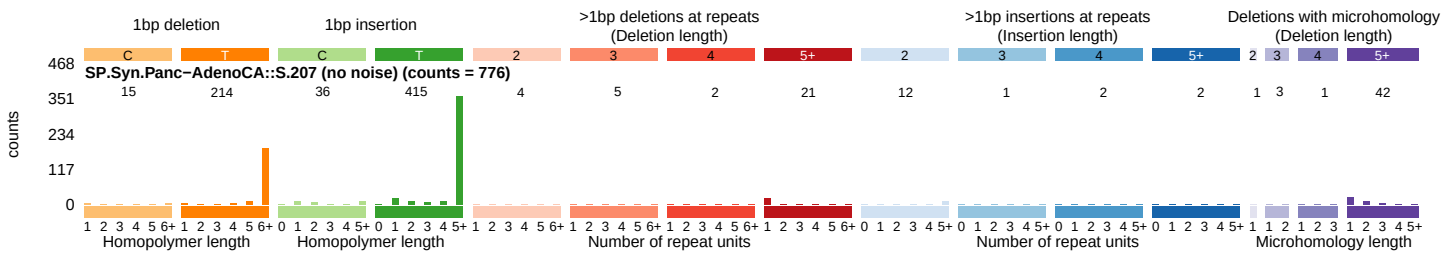

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.202 (no noise) (counts = 744)
counts
Homopolymer length
Number of repeat units
Microhomology length

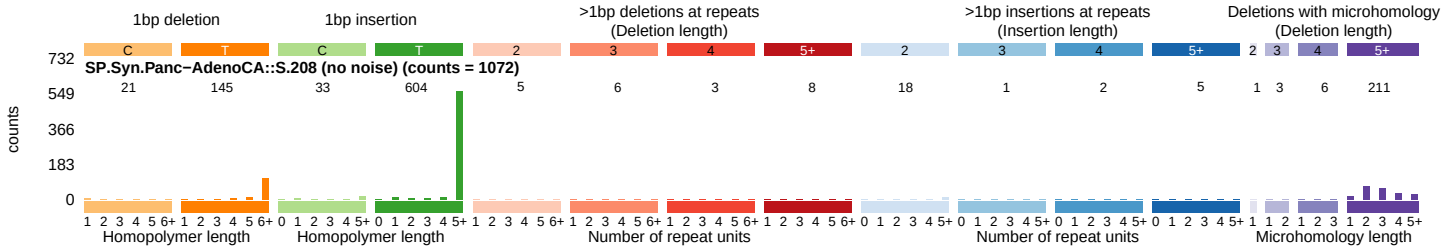

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.203 (no noise) (counts = 544)
counts
Homopolymer length
Number of repeat units
Microhomology length

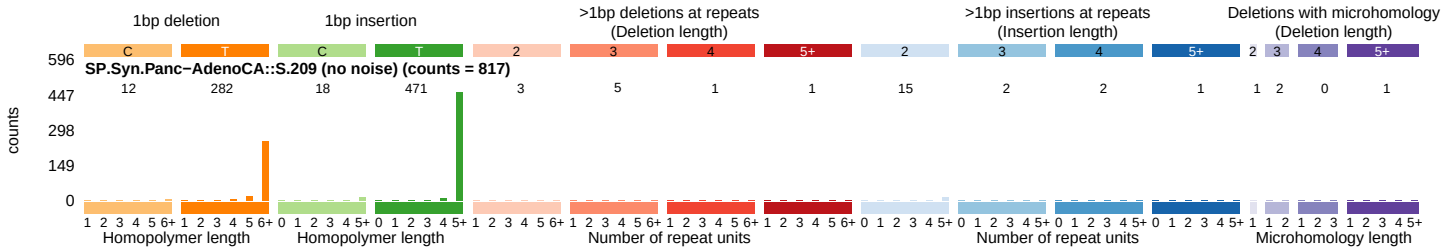

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.204 (no noise) (counts = 460)
counts
Homopolymer length
Number of repeat units
Microhomology length

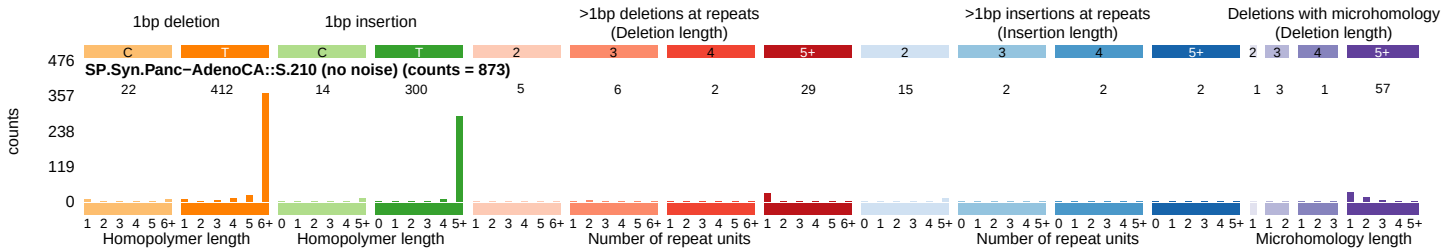

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.205 (no noise) (counts = 626)
counts
Homopolymer length
Number of repeat units
Microhomology length

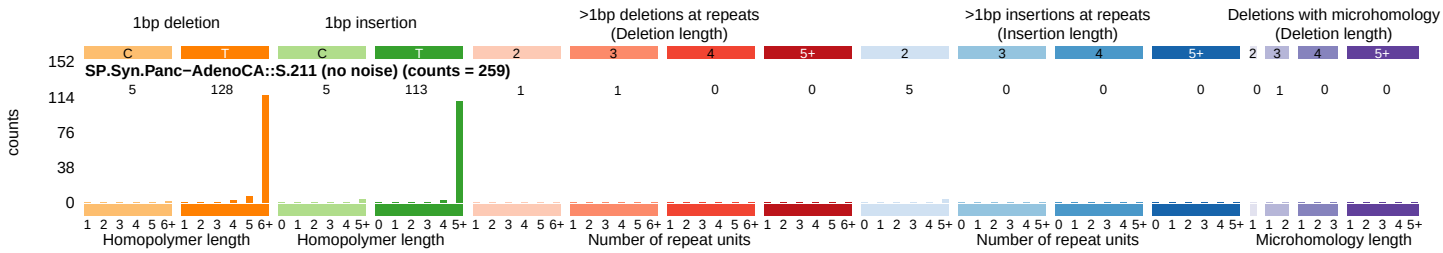

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.206 (no noise) (counts = 608)
counts
Homopolymer length
Number of repeat units
Microhomology length

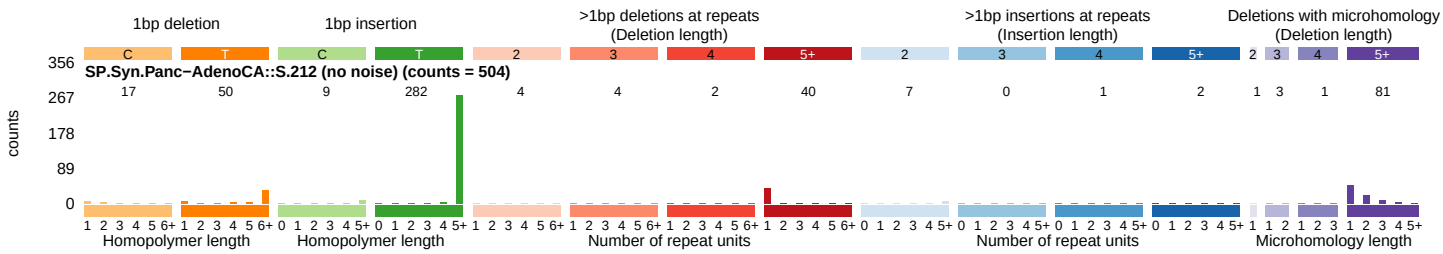

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.207 (no noise) (counts = 776)
counts
Homopolymer length
Number of repeat units
Microhomology length

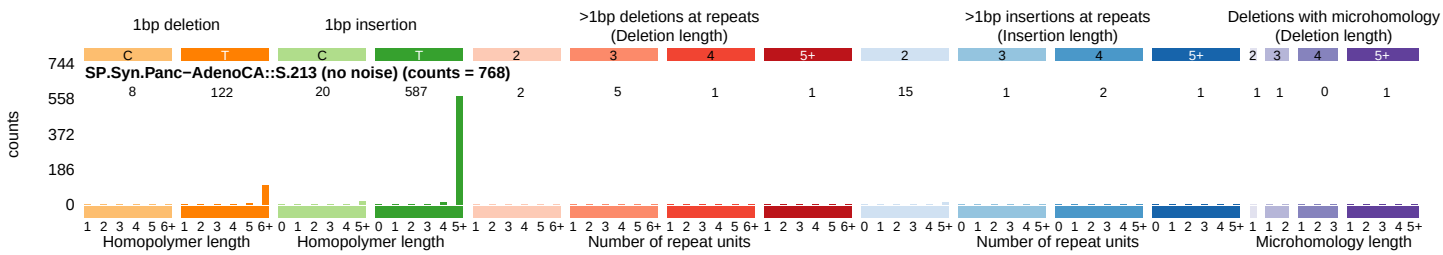

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.208 (no noise) (counts = 1072)
counts
Homopolymer length
Number of repeat units
Microhomology length

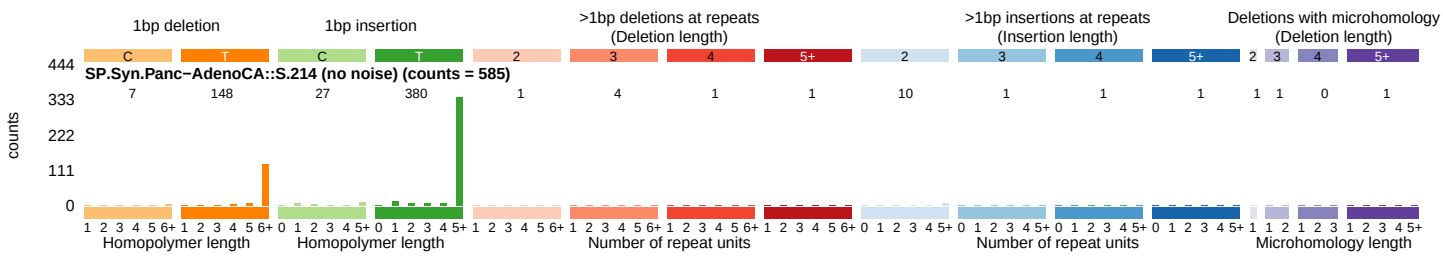

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.209 (no noise) (counts = 817)
counts
Homopolymer length
Number of repeat units
Microhomology length

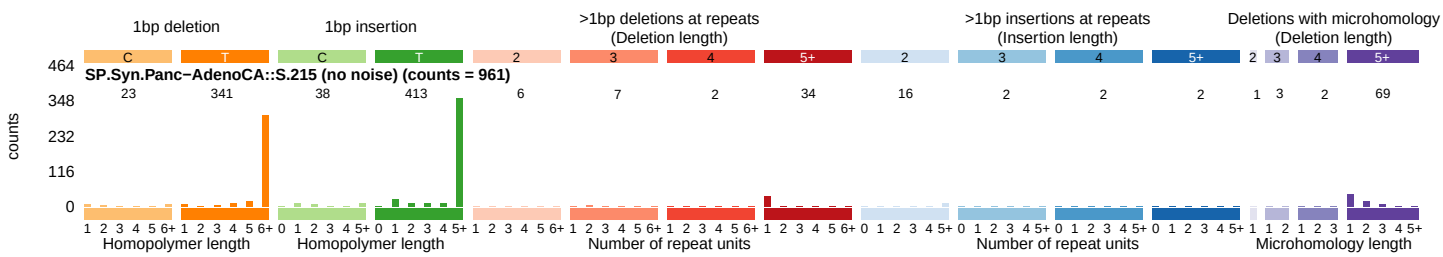

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.210 (no noise) (counts = 873)
counts
Homopolymer length
Number of repeat units
Microhomology length

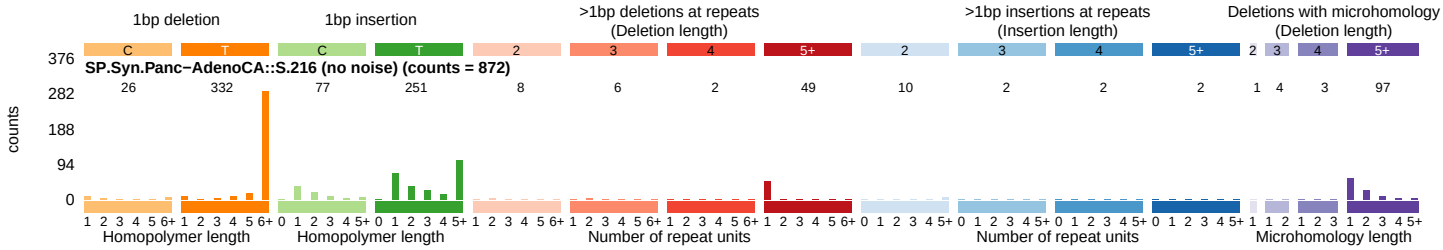

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.211 (no noise) (counts = 259)
counts
Homopolymer length
Number of repeat units
Microhomology length

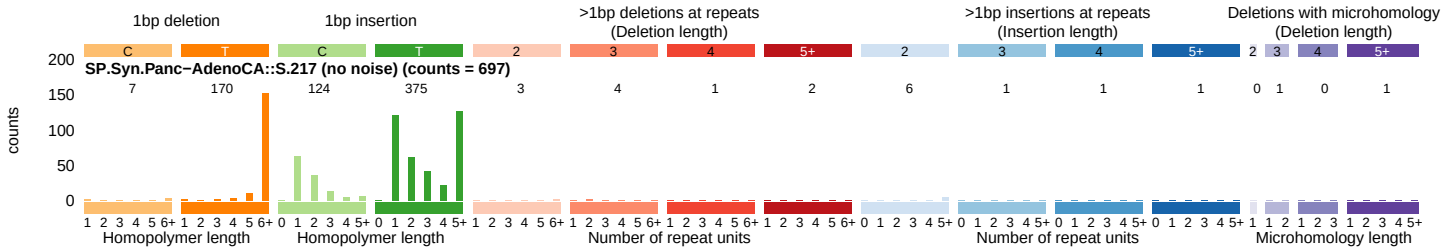

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.212 (no noise) (counts = 504)
counts
Homopolymer length
Number of repeat units
Microhomology length

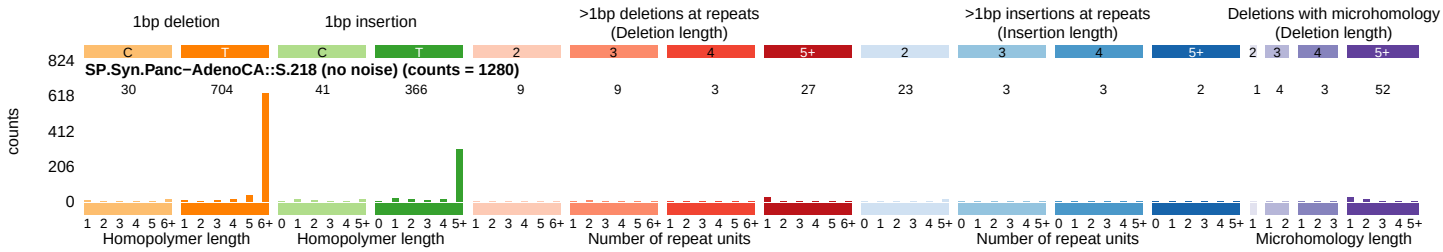

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.213 (no noise) (counts = 768)
counts
Homopolymer length
Number of repeat units
Microhomology length

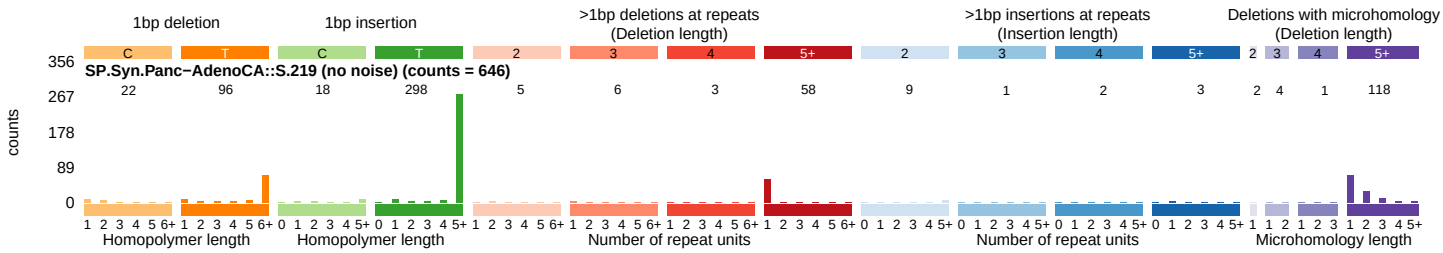

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.214 (no noise) (counts = 585)
counts
Homopolymer length
Number of repeat units
Microhomology length

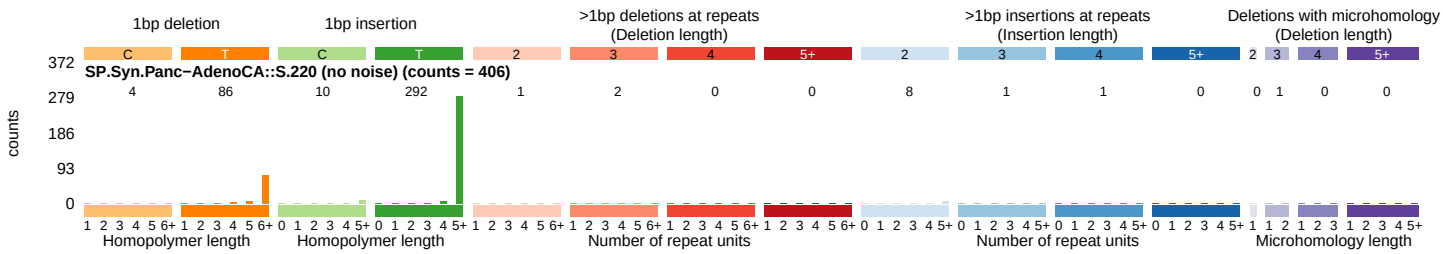

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.215 (no noise) (counts = 961)
counts
Homopolymer length
Number of repeat units
Microhomology length

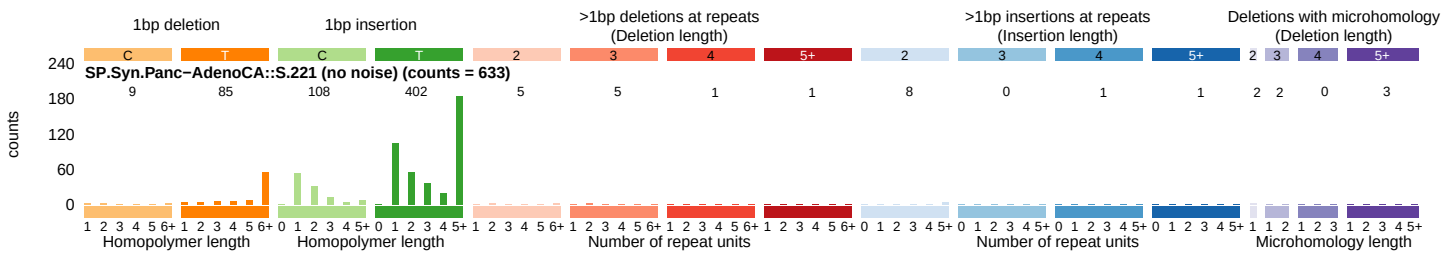

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.216 (no noise) (counts = 872)
counts
Homopolymer length
Number of repeat units
Microhomology length

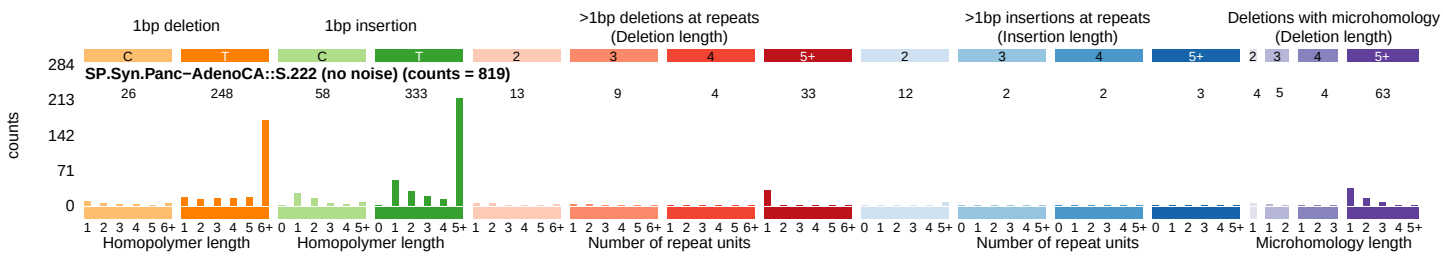

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.217 (no noise) (counts = 697)
counts
Homopolymer length
Number of repeat units
Microhomology length

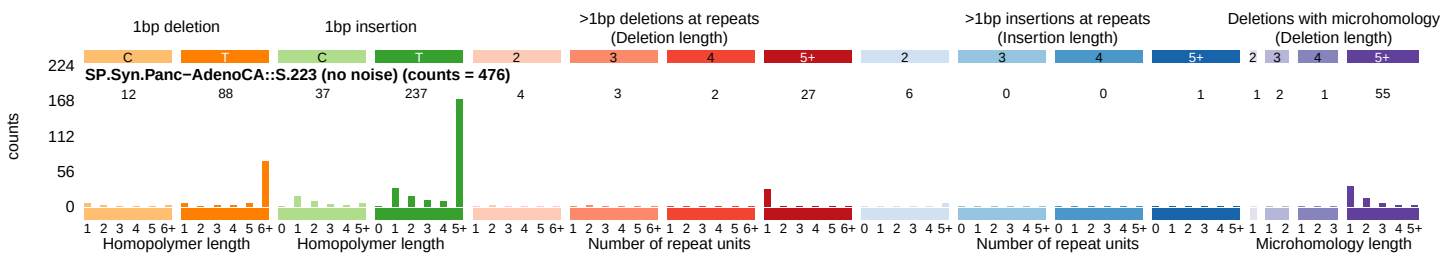

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.218 (no noise) (counts = 1280)
counts
Homopolymer length
Number of repeat units
Microhomology length

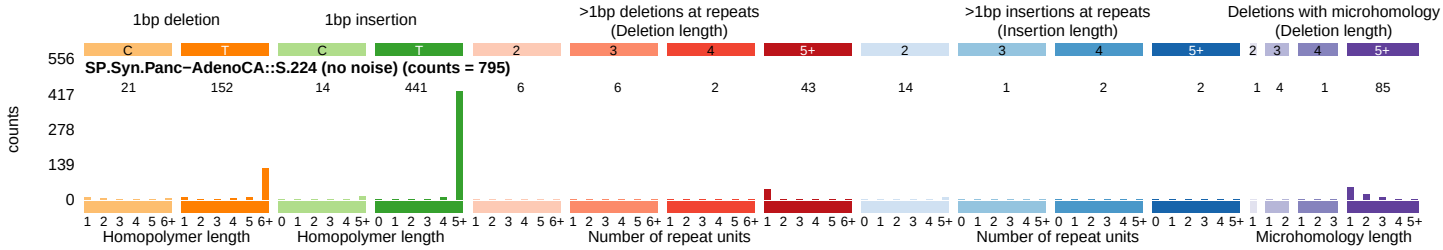

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.219 (no noise) (counts = 646)
counts
Homopolymer length
Number of repeat units
Microhomology length

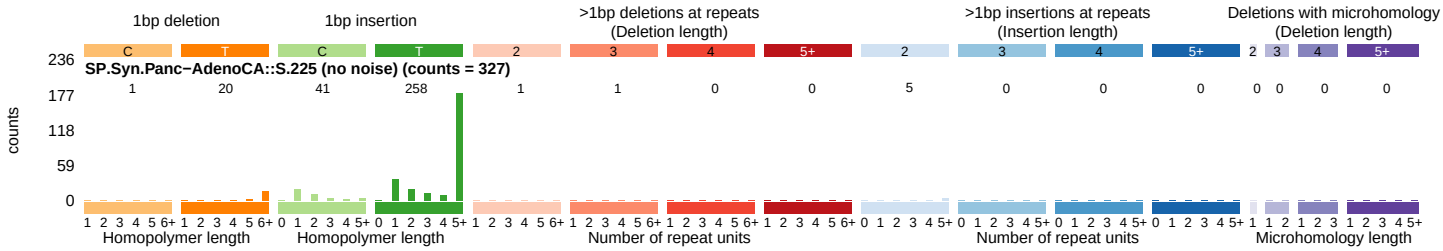

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.220 (no noise) (counts = 406)
counts
Homopolymer length
Number of repeat units
Microhomology length

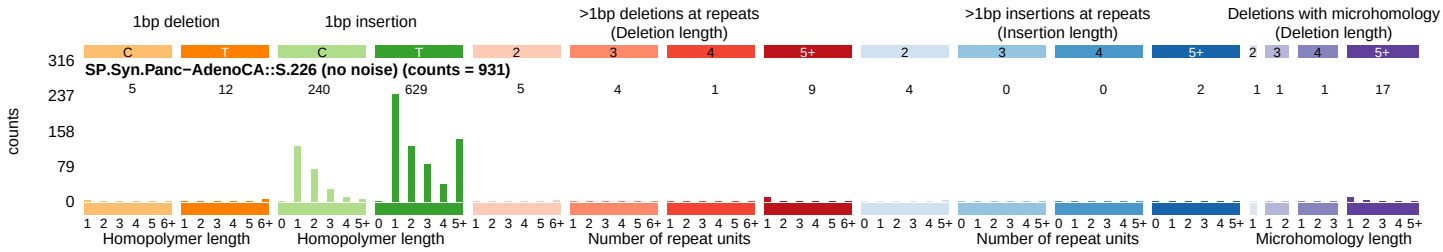

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.221 (no noise) (counts = 633)
counts
Homopolymer length
Number of repeat units
Microhomology length

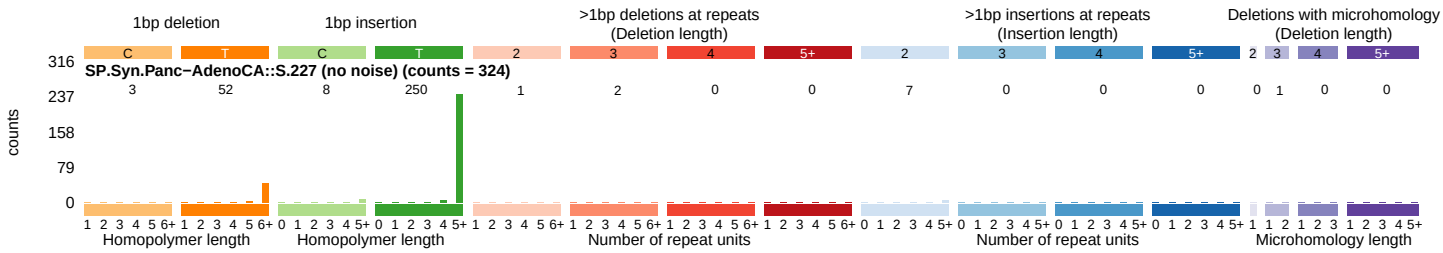

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.222 (no noise) (counts = 819)
counts
Homopolymer length
Number of repeat units
Microhomology length

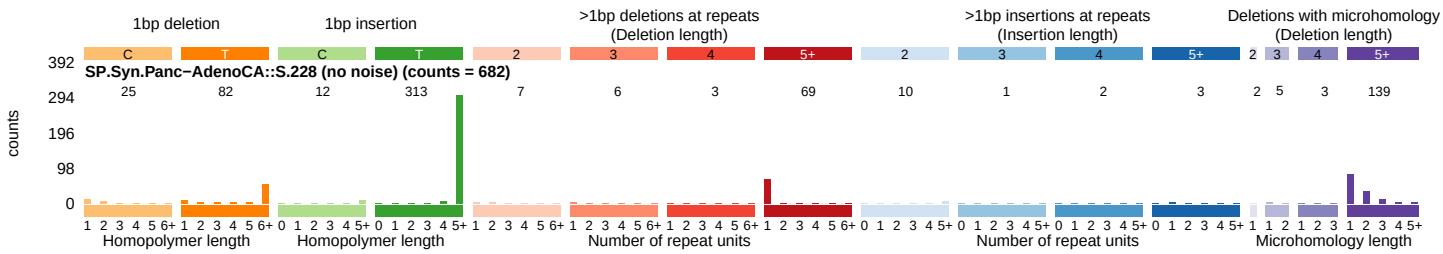

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.223 (no noise) (counts = 476)
counts
Homopolymer length
Number of repeat units
Microhomology length

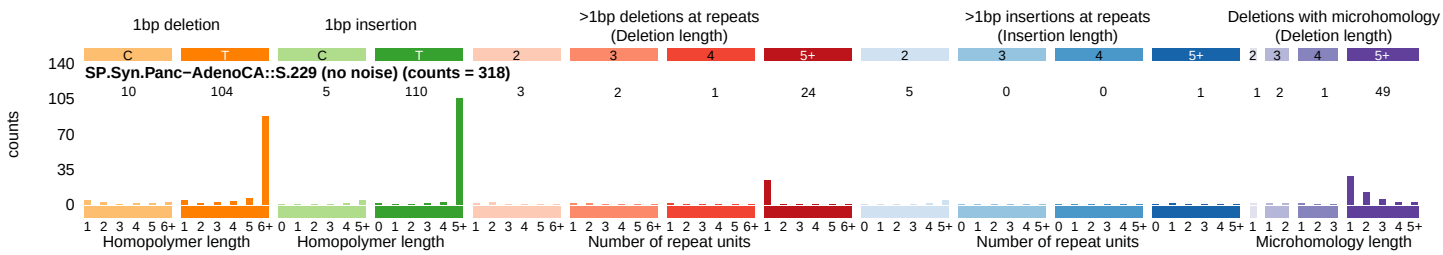

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.224 (no noise) (counts = 795)
21 152 14 441 6 6 2 43 14 1 2 2 1 4 1 85
counts
Homopolymer length
Number of repeat units
Microhomology length

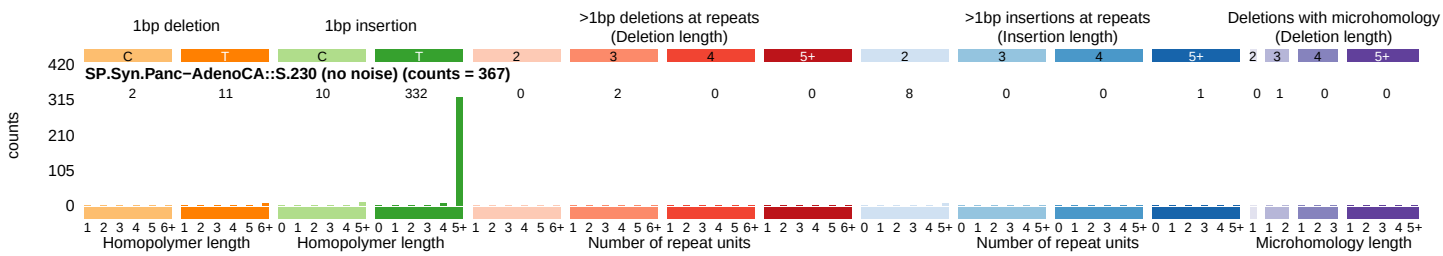

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.225 (no noise) (counts = 327)
1 20 41 258 1 1 0 0 5 0 0 0 0 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

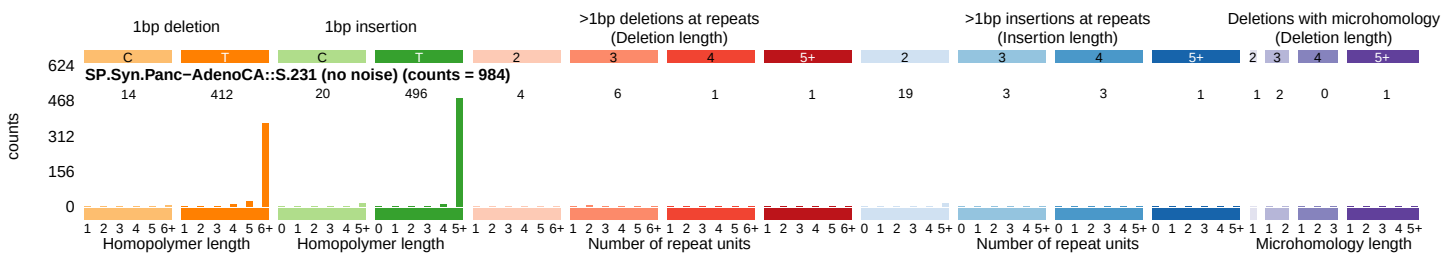

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.226 (no noise) (counts = 931)
5 12 240 629 5 4 1 9 4 0 0 2 1 1 1 17
counts
Homopolymer length
Number of repeat units
Microhomology length

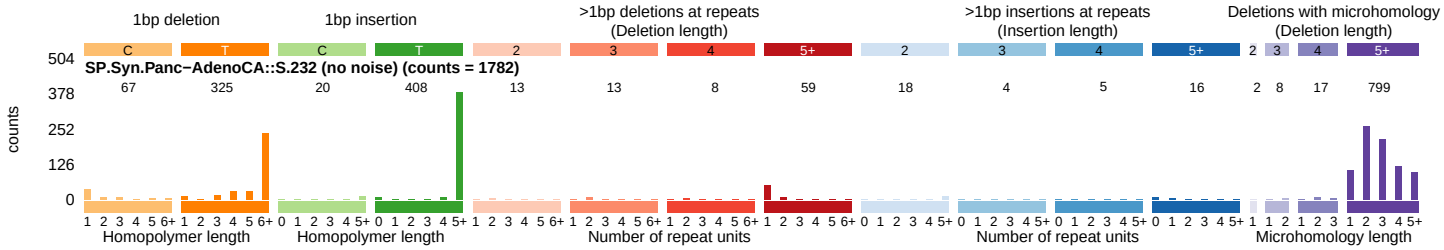

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.227 (no noise) (counts = 324)
3 52 8 250 1 2 0 0 7 0 0 0 0 1 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

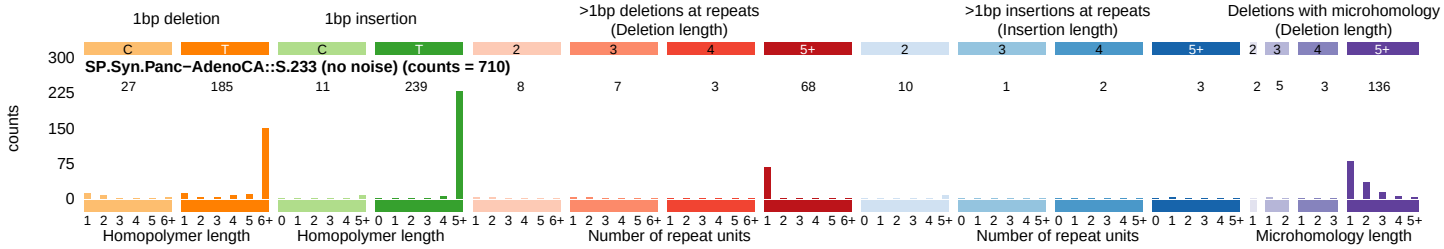

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.228 (no noise) (counts = 682)
25 82 12 313 7 6 3 69 10 1 2 3 2 5 3 139
counts
Homopolymer length
Number of repeat units
Microhomology length

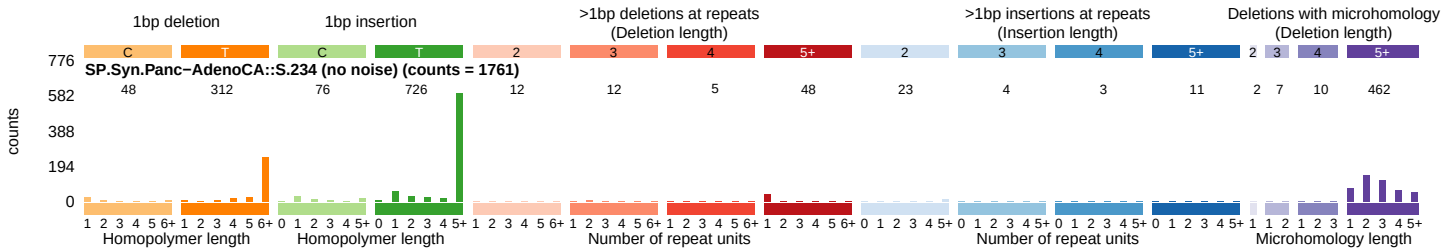

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.229 (no noise) (counts = 318)
10 104 5 110 3 2 1 24 5 0 0 1 1 2 1 49
counts
Homopolymer length
Number of repeat units
Microhomology length

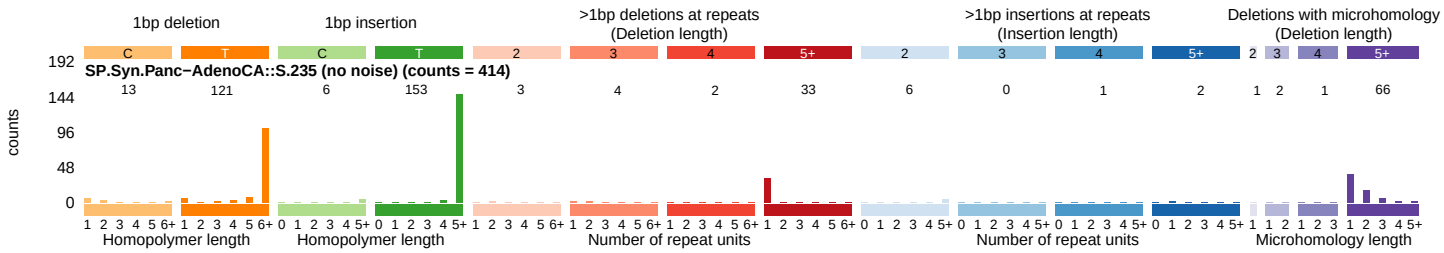

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.230 (no noise) (counts = 367)
2 11 10 332 0 2 0 0 8 0 0 1 0 1 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

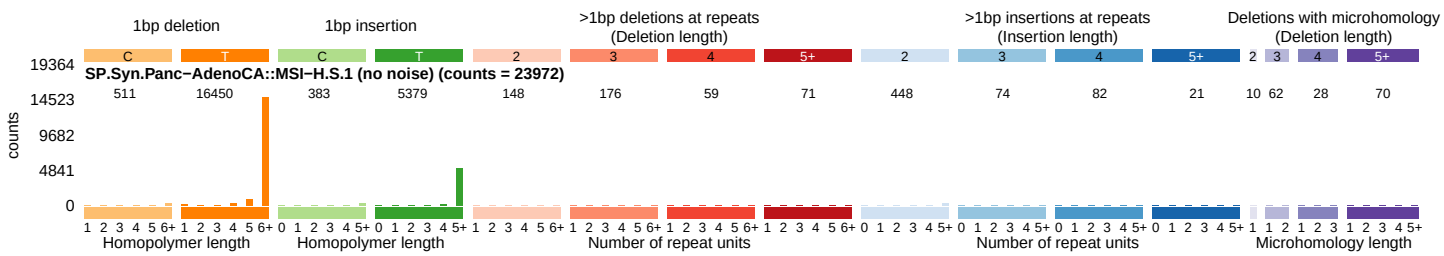

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.231 (no noise) (counts = 984)
14 412 20 496 4 6 1 1 19 3 3 1 1 2 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length

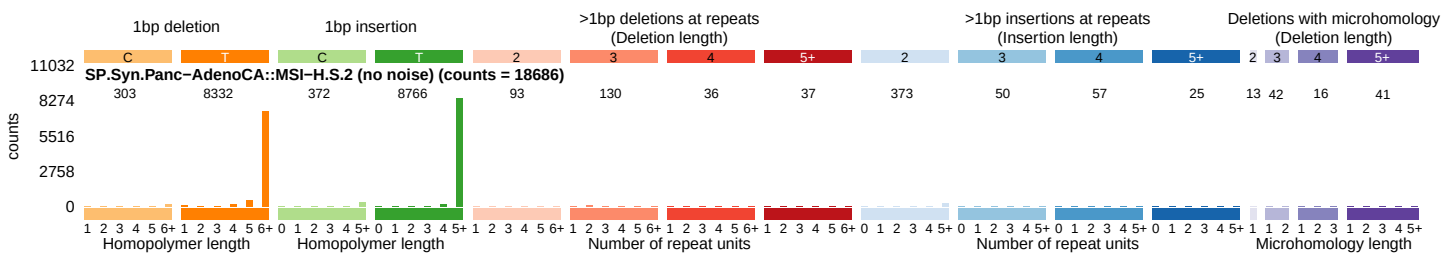

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.232 (no noise) (counts = 1782)
67 325 20 408 13 13 8 59 18 4 5 16 2 8 17 799
counts
Homopolymer length
Number of repeat units
Microhomology length

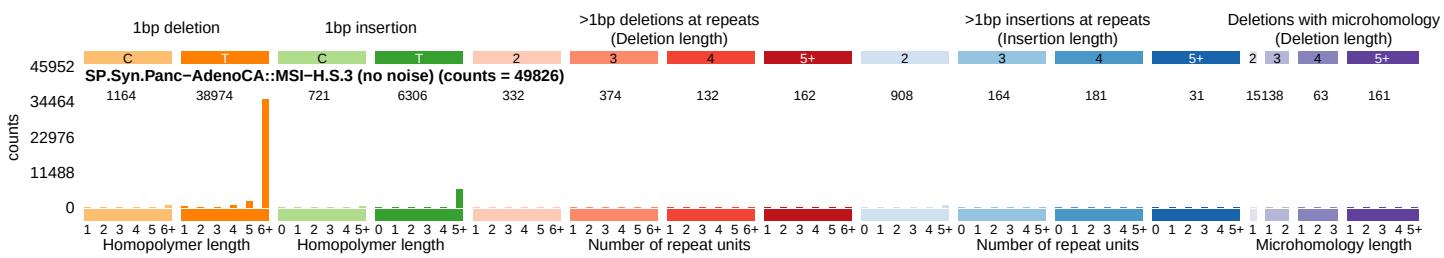

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.233 (no noise) (counts = 710)
27 185 11 239 8 7 3 68 10 1 2 3 2 5 3 136
counts
Homopolymer length
Number of repeat units
Microhomology length

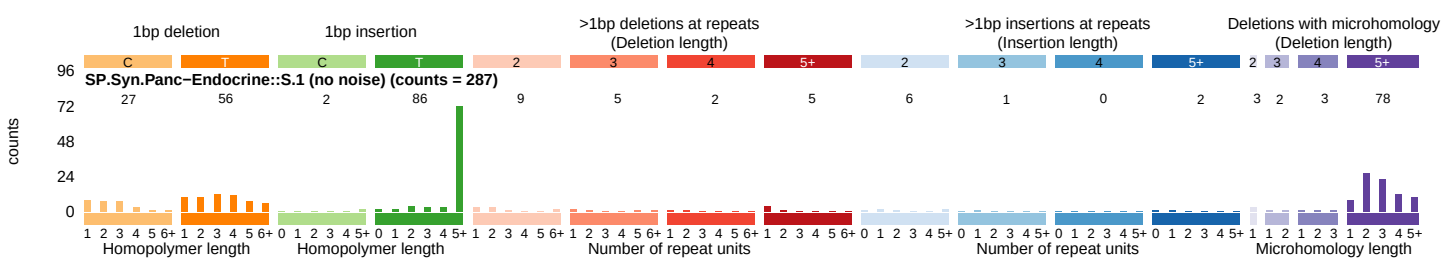

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.234 (no noise) (counts = 1761)
48 312 76 726 12 12 5 48 23 4 3 11 2 7 10 462
counts
Homopolymer length
Number of repeat units
Microhomology length

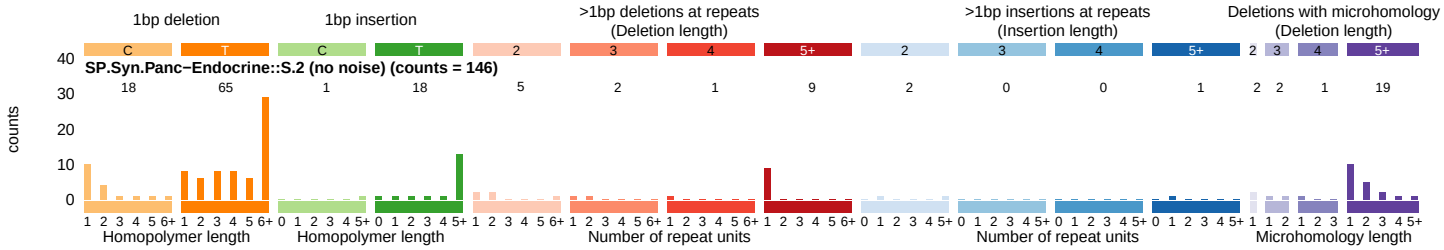

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.235 (no noise) (counts = 414)
13 121 6 153 3 4 2 33 6 0 1 2 1 2 1 66
counts
Homopolymer length
Number of repeat units
Microhomology length

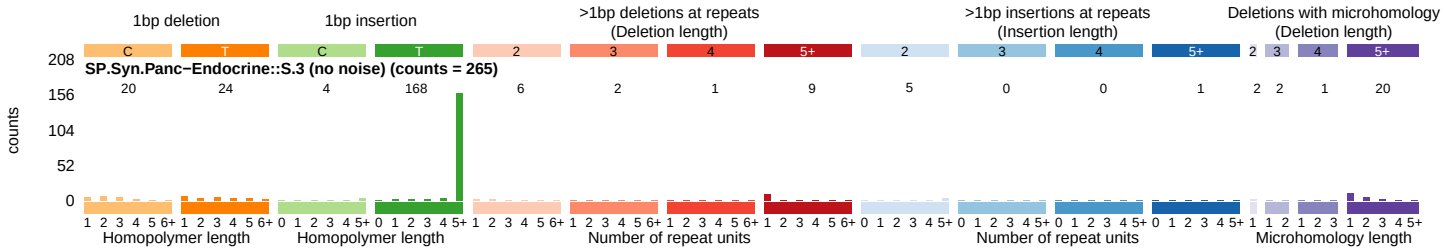

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::MSI−H.S.1 (no noise) (counts = 23972)
511 16450 383 5379 148 176 59 71 448 74 82 21 10 62 28 70
counts
Homopolymer length
Number of repeat units
Microhomology length

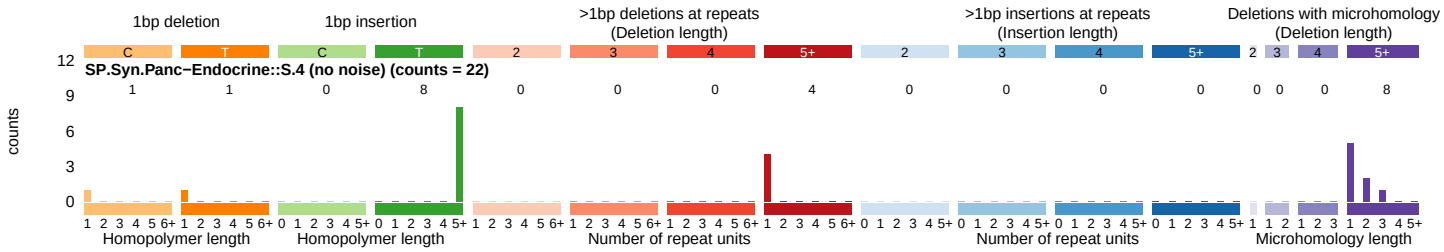

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::MSI−H.S.2 (no noise) (counts = 18686)
303 8332 372 8766 93 130 36 37 373 50 57 25 13 42 16 41
counts
Homopolymer length
Number of repeat units
Microhomology length

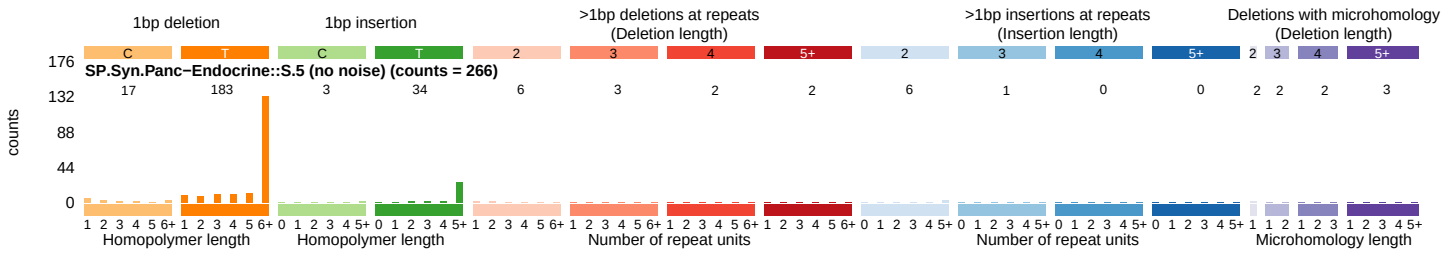

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::MSI−H.S.3 (no noise) (counts = 49826)
1164 38974 721 6306 332 374 132 162 908 164 181 31 15138 63 161
counts
Homopolymer length
Number of repeat units
Microhomology length

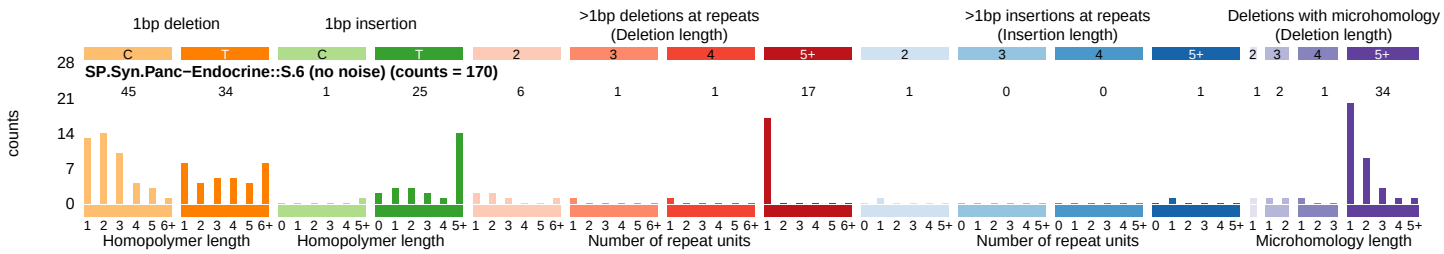

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.1 (no noise) (counts = 287)
27 56 2 86 9 5 2 5 6 1 0 2 3 2 3 78
counts
Homopolymer length
Number of repeat units
Microhomology length

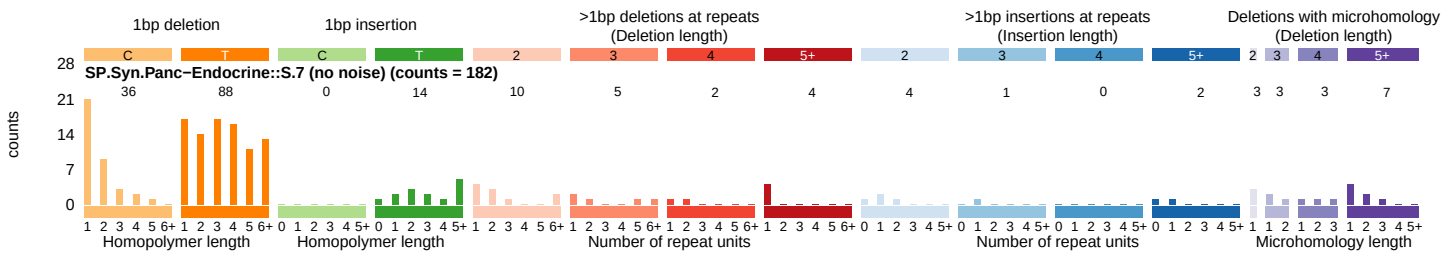

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.2 (no noise) (counts = 146)
18 65 1 18 5 2 1 9 2 0 0 1 2 2 1 19
counts
Homopolymer length
Number of repeat units
Microhomology length

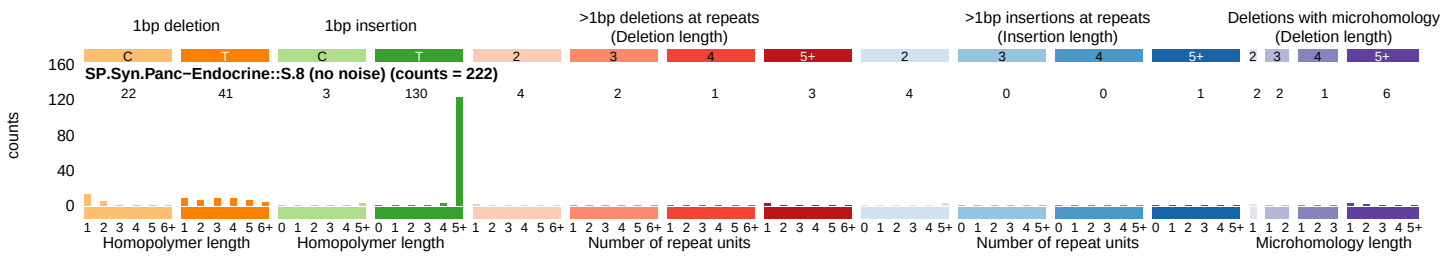

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.3 (no noise) (counts = 265)
20 24 4 168 6 2 1 9 5 0 0 1 2 2 1 20
counts
Homopolymer length
Number of repeat units
Microhomology length

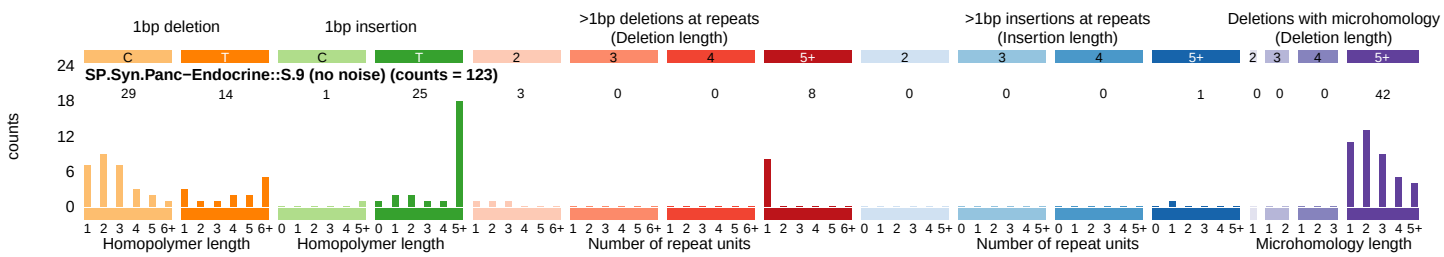

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.4 (no noise) (counts = 22)
1 1 0 8 0 0 0 4 0 0 0 0 0 0 0 8
counts
Homopolymer length
Number of repeat units
Microhomology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

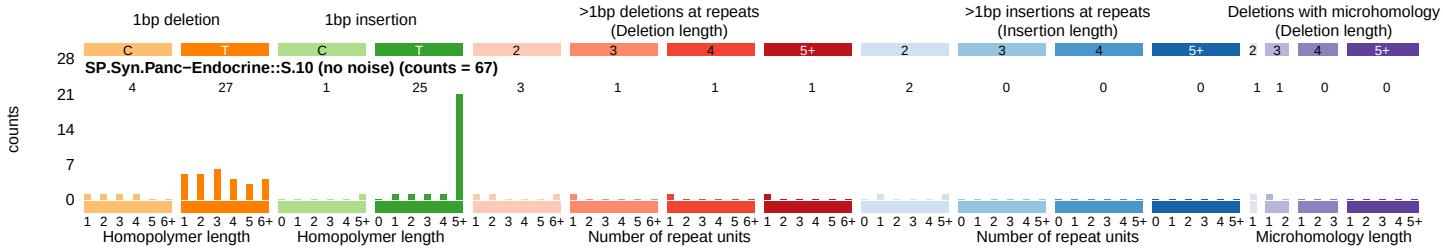

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.5 (no noise) (counts = 266)
17 183 3 34 6 3 2 2 6 1 0 0 2 2 2 3
counts
Homopolymer length
Number of repeat units
Microhomology length

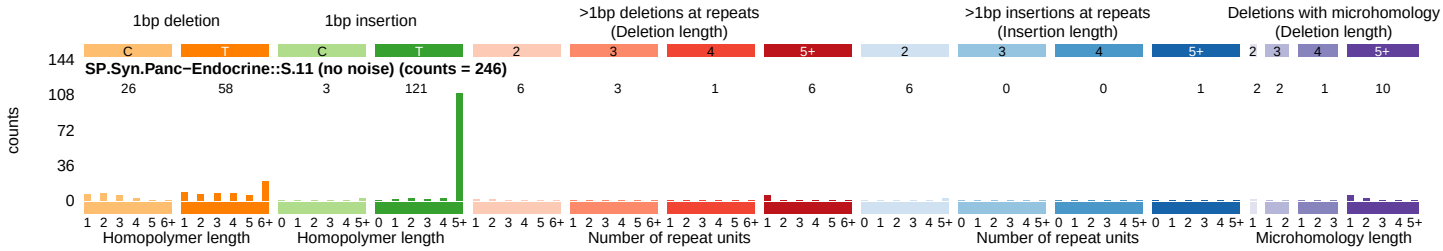

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.6 (no noise) (counts = 170)
45 34 1 25 6 1 1 17 1 0 0 1 1 2 1 34
counts
Homopolymer length
Number of repeat units
Microhomology length

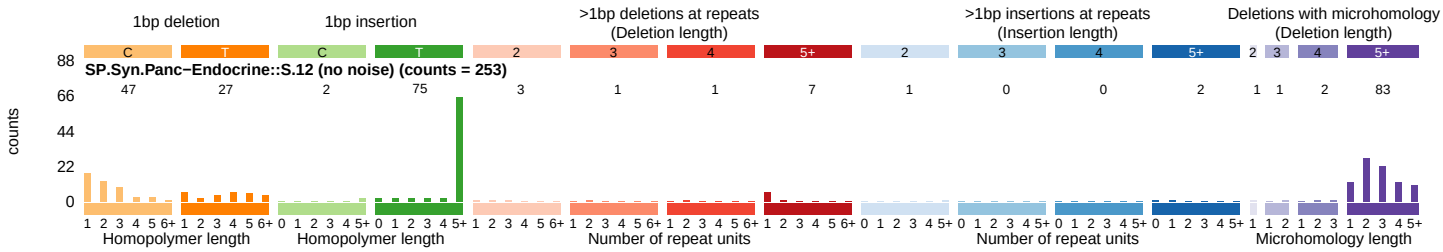

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.7 (no noise) (counts = 182)
36 88 0 14 10 5 2 4 4 1 0 2 3 3 3 7
counts
Homopolymer length
Number of repeat units
Microhomology length

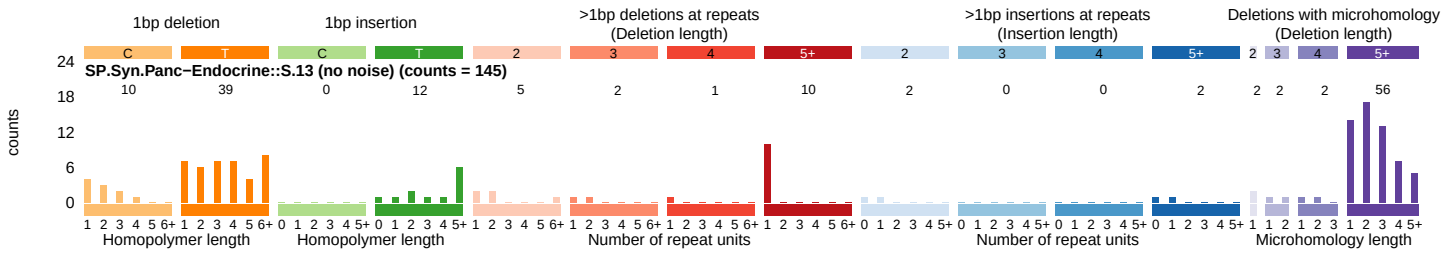

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.8 (no noise) (counts = 222)
22 41 3 130 4 2 1 3 4 0 0 1 2 2 1 6
counts
Homopolymer length
Number of repeat units
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.Panc−Endocrine::S.9 (no noise) (counts = 123)
29 14 1 25 3 0 0 8 0 0 0 1 0 0 0 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.Panc−Endocrine::S.10 (no noise) (counts = 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.Panc−Endocrine::S.11 (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)
SP.Syn.Panc−Endocrine::S.12 (no noise) (counts = 253)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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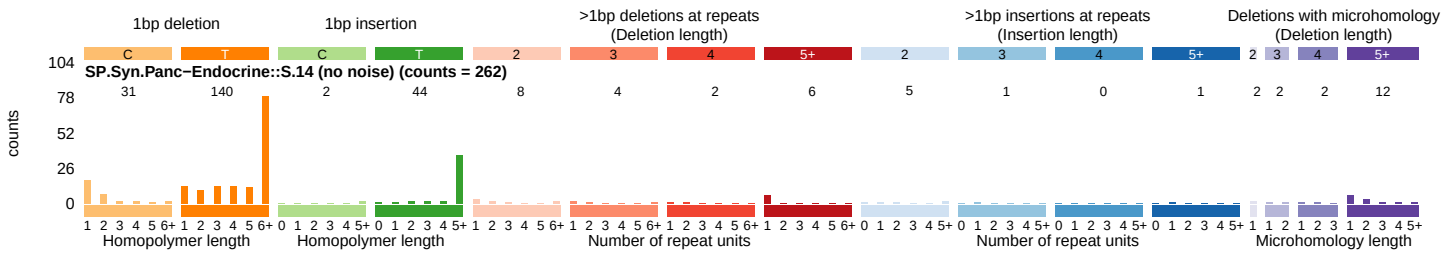
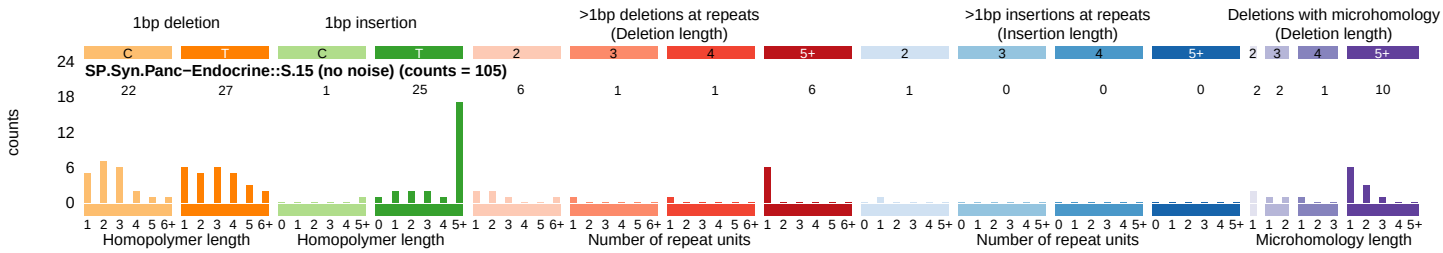
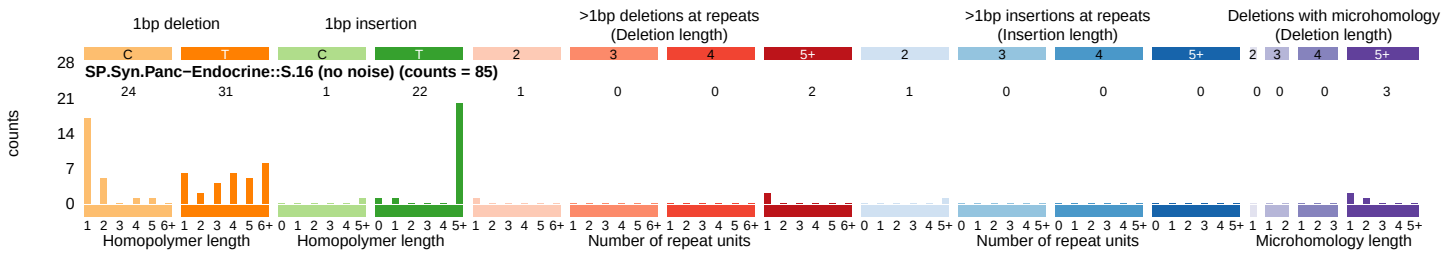
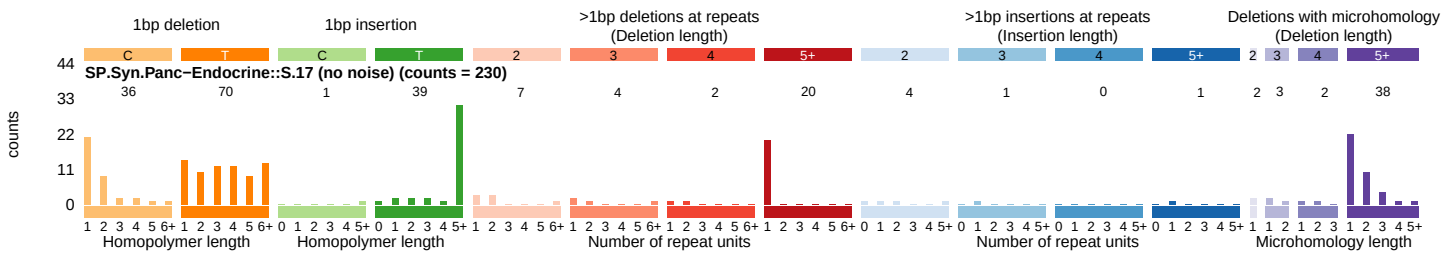
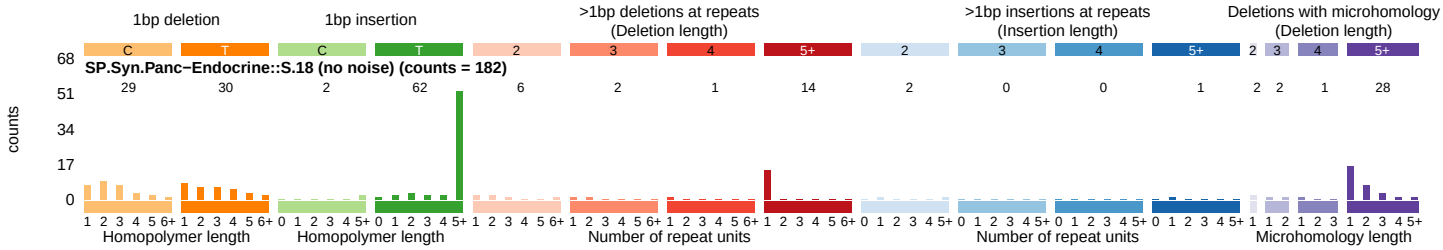
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.13 (no noise) (counts = 145)
counts
Homopolymer length
Number of repeat units
Microhomology length

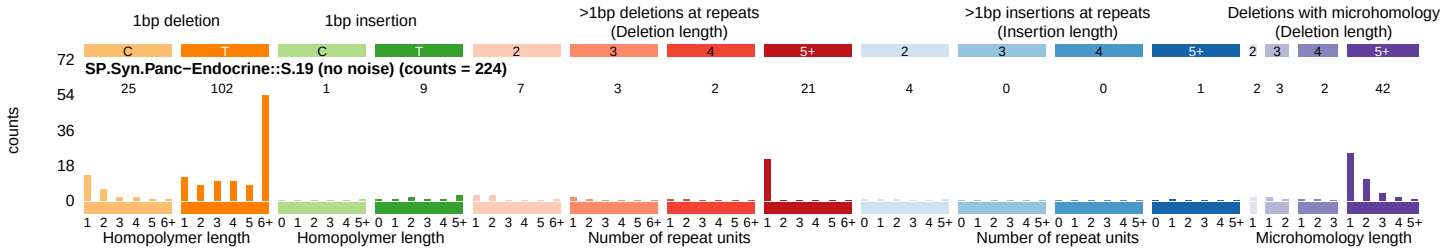

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.14 (no noise) (counts = 262)
counts
Homopolymer length
Number of repeat units
Microhomology length

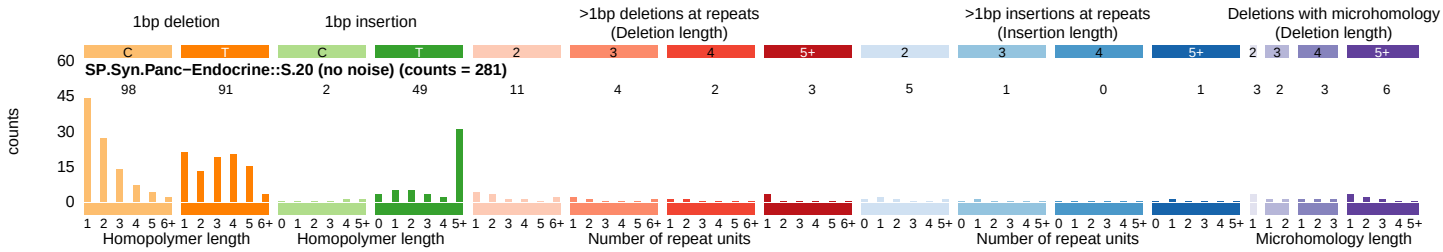

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.15 (no noise) (counts = 105)
counts
Homopolymer length
Number of repeat units
Microhomology length

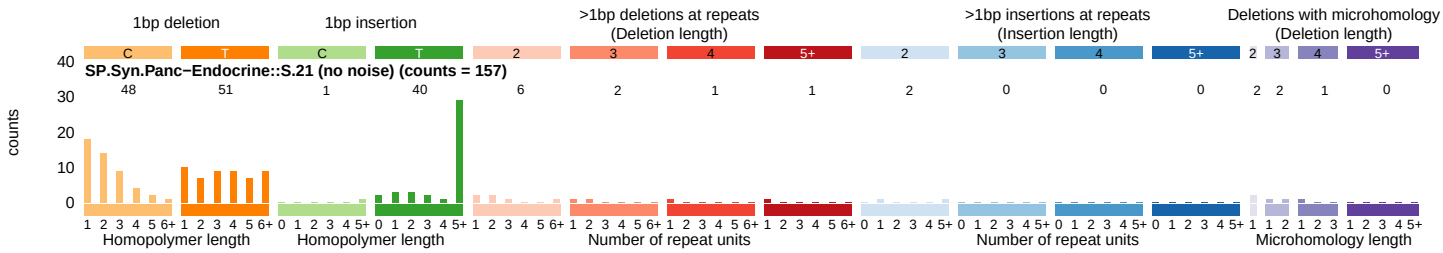

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.16 (no noise) (counts = 85)
counts
Homopolymer length
Number of repeat units
Microhomology length

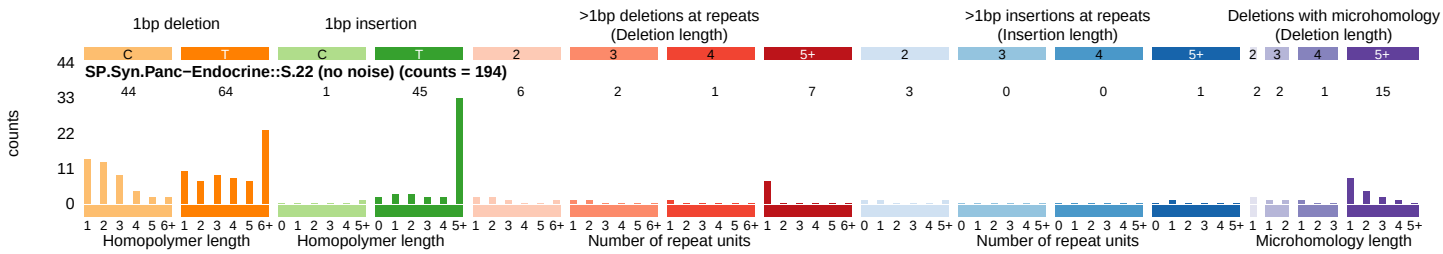

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.17 (no noise) (counts = 230)
counts
Homopolymer length
Number of repeat units
Microhomology length

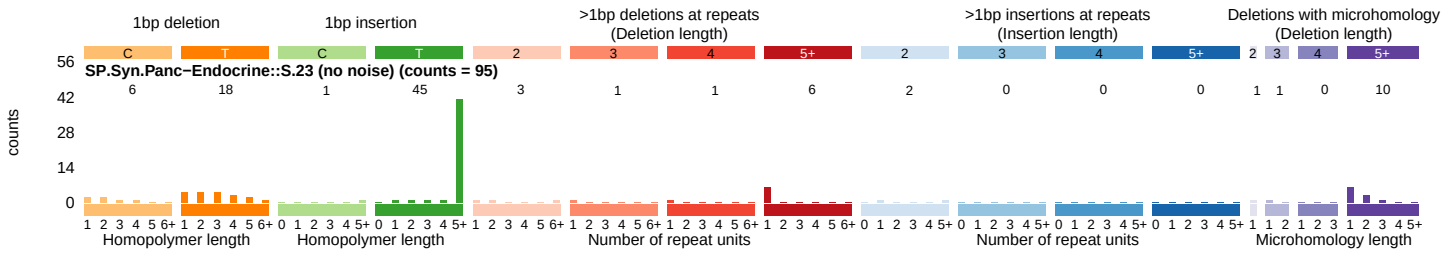

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.18 (no noise) (counts = 182)
counts
Homopolymer length
Number of repeat units
Microhomology length

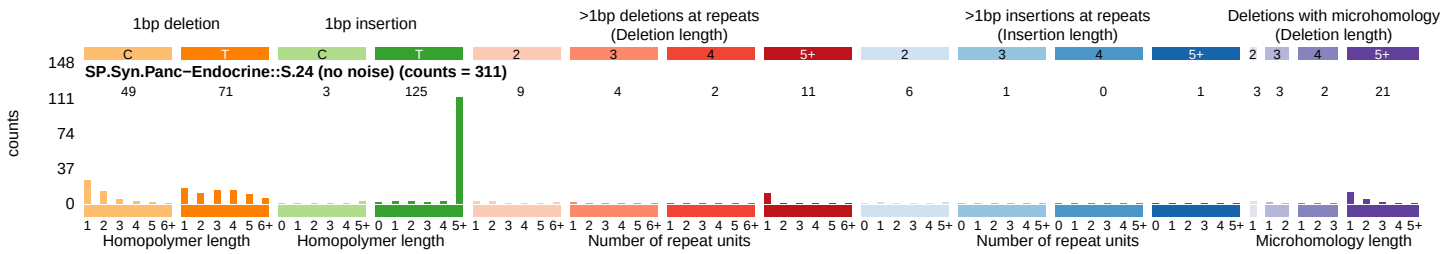

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.19 (no noise) (counts = 224)
counts
Homopolymer length
Number of repeat units
Microhomology length

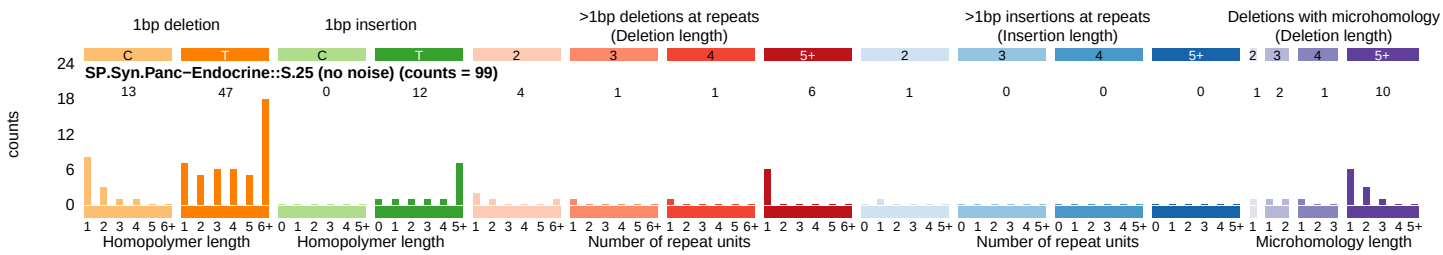

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.20 (no noise) (counts = 281)
counts
Homopolymer length
Number of repeat units
Microhomology length

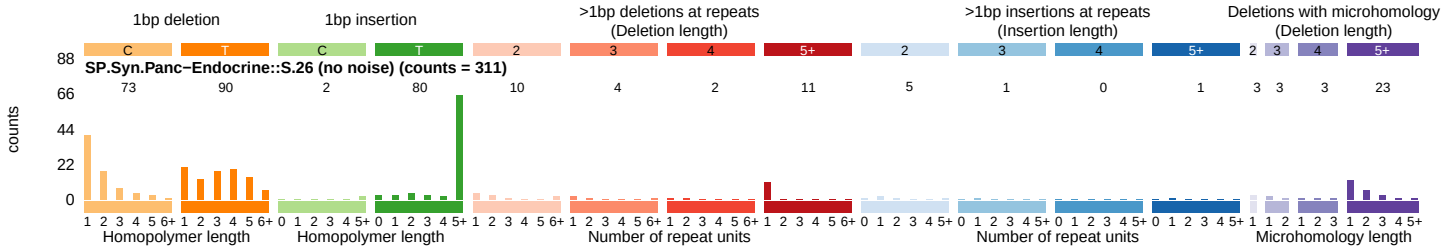

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.21 (no noise) (counts = 157)
counts
Homopolymer length
Number of repeat units
Microhomology length

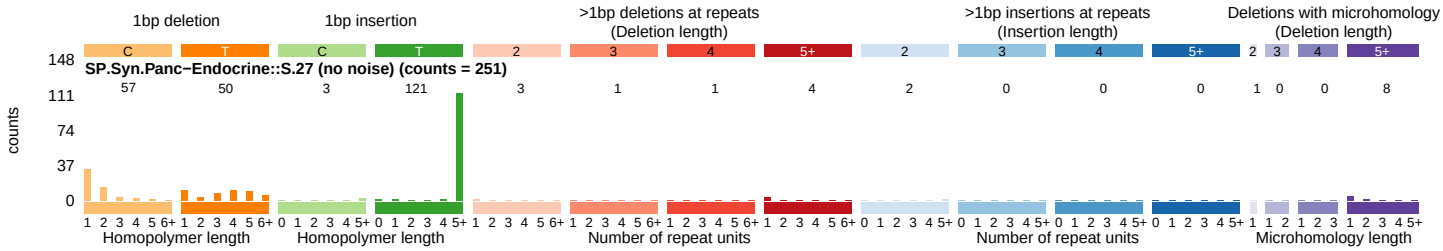

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.22 (no noise) (counts = 194)
counts
Homopolymer length
Number of repeat units
Microhomology length

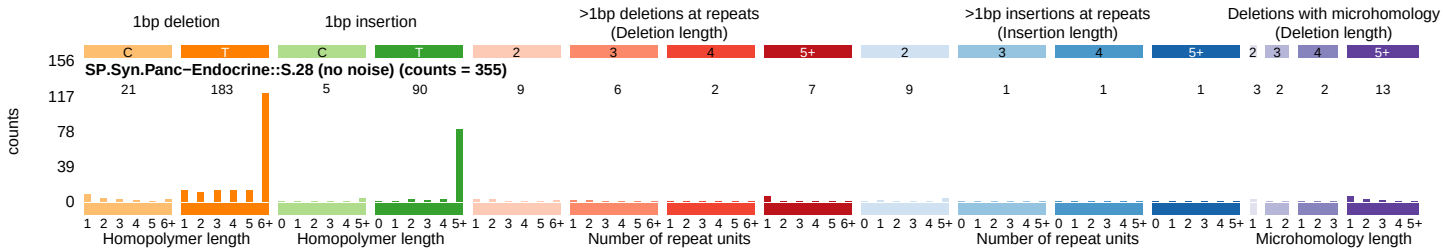

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.23 (no noise) (counts = 95)
counts
Homopolymer length
Number of repeat units
Microhomology length

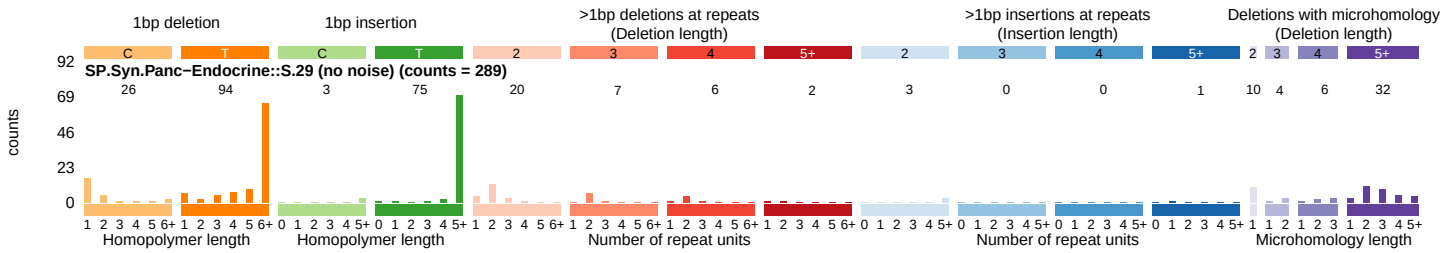

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.24 (no noise) (counts = 311)
counts
Homopolymer length
Number of repeat units
Microhomology length

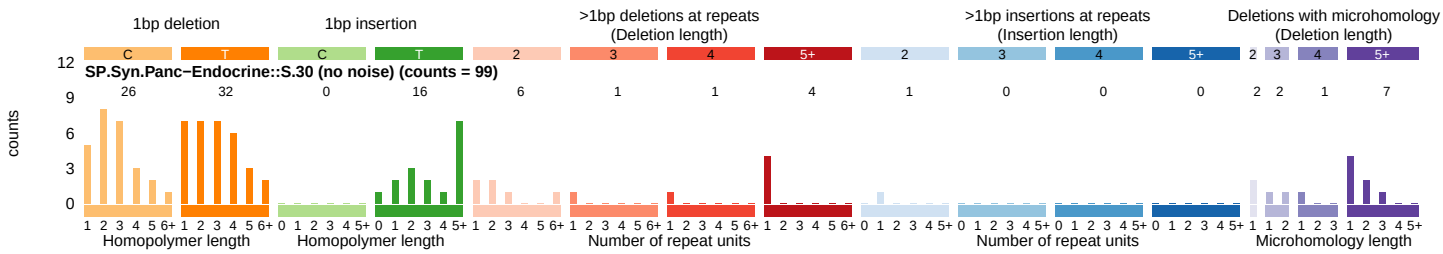

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.25 (no noise) (counts = 99)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.26 (no noise) (counts = 311)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.27 (no noise) (counts = 251)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.28 (no noise) (counts = 355)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.29 (no noise) (counts = 289)
counts
Homopolymer length
Number of repeat units
Microhomology length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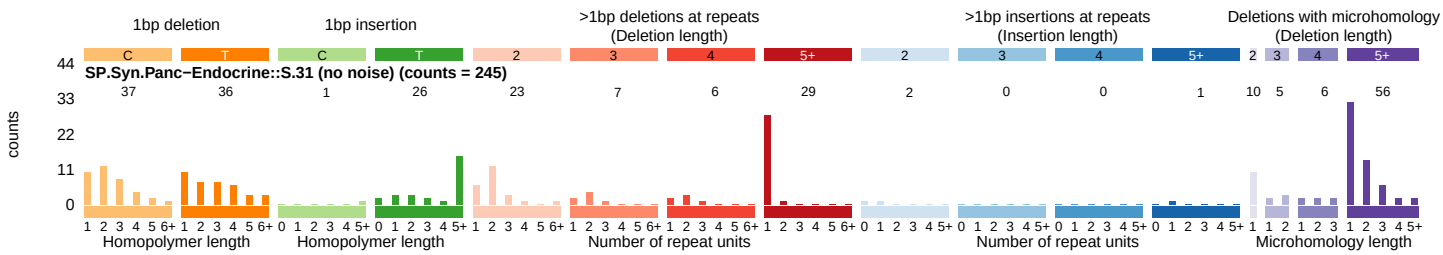
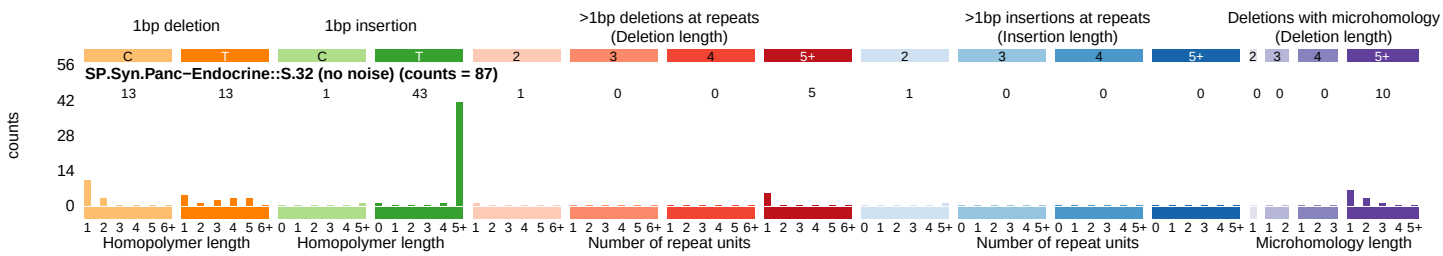
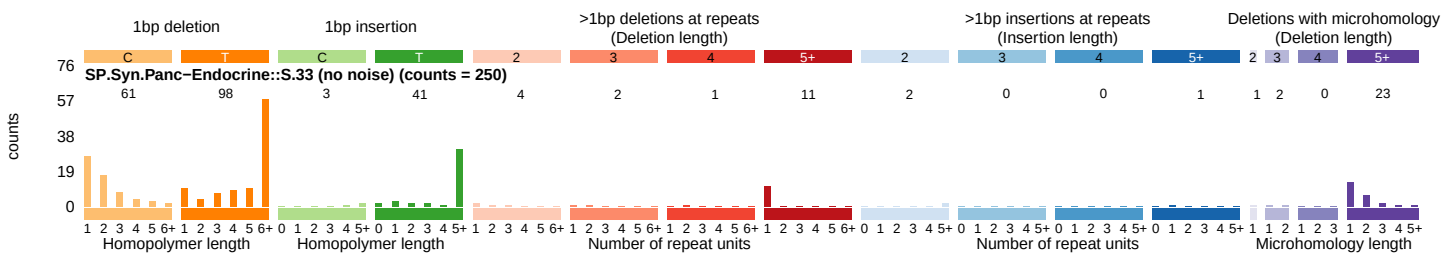
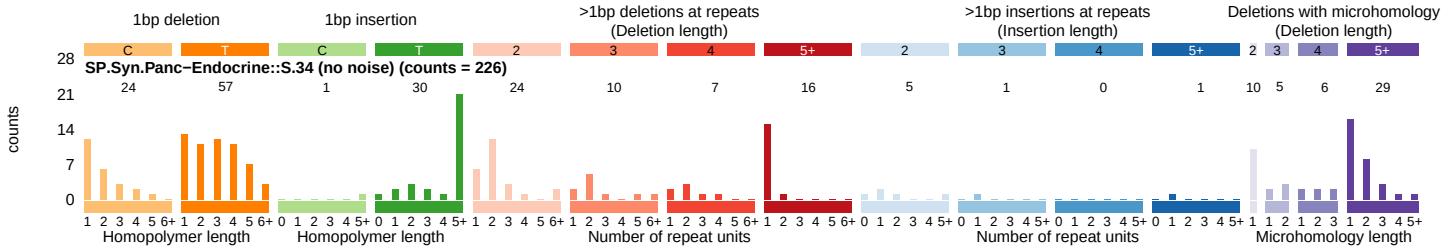
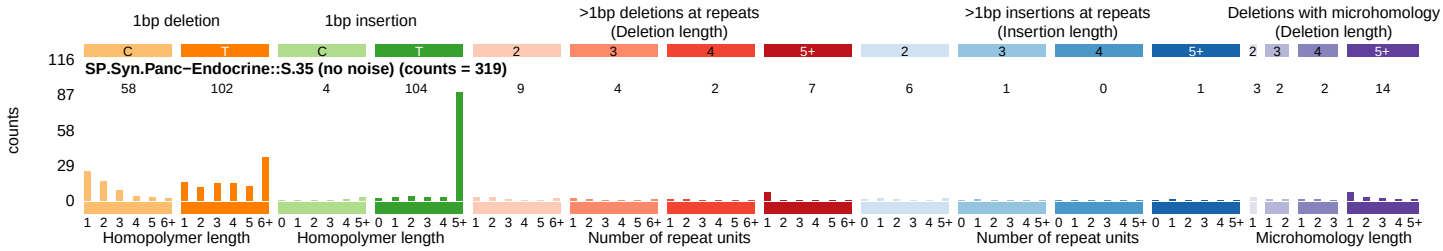
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.30 (no noise) (counts = 99)
counts
Homopolymer length
Number of repeat units
Microhomology length

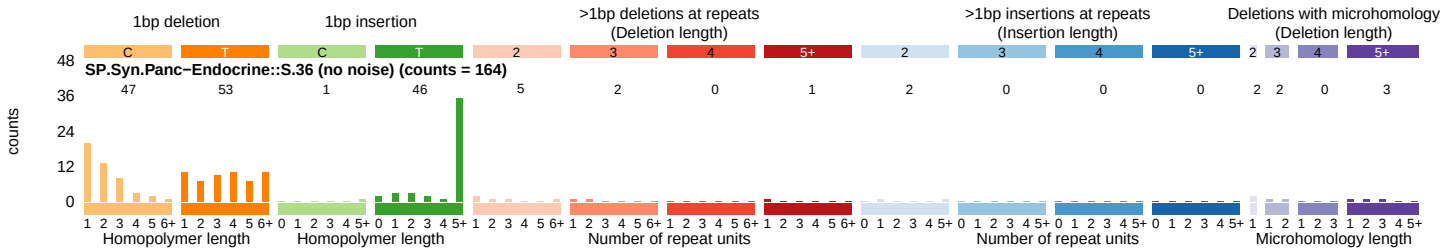

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.31 (no noise) (counts = 245)
counts
Homopolymer length
Number of repeat units
Microhomology length

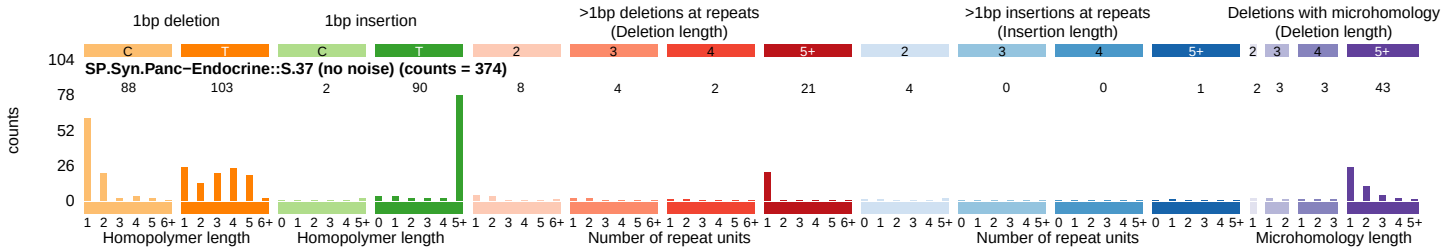

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.32 (no noise) (counts = 87)
counts
Homopolymer length
Number of repeat units
Microhomology length

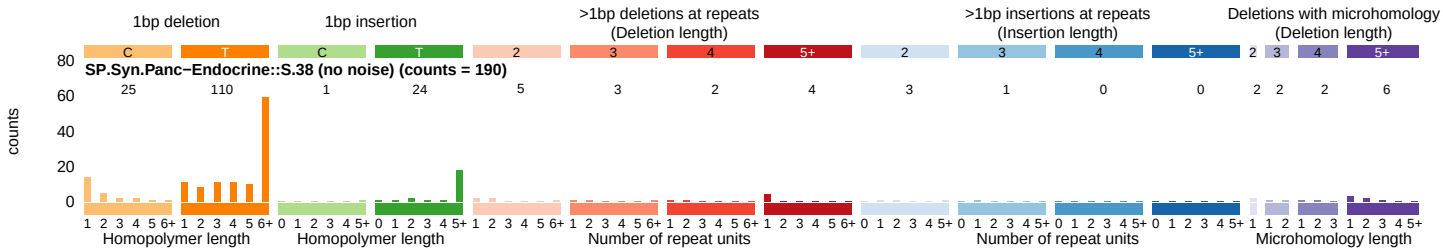

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.33 (no noise) (counts = 250)
counts
Homopolymer length
Number of repeat units
Microhomology length

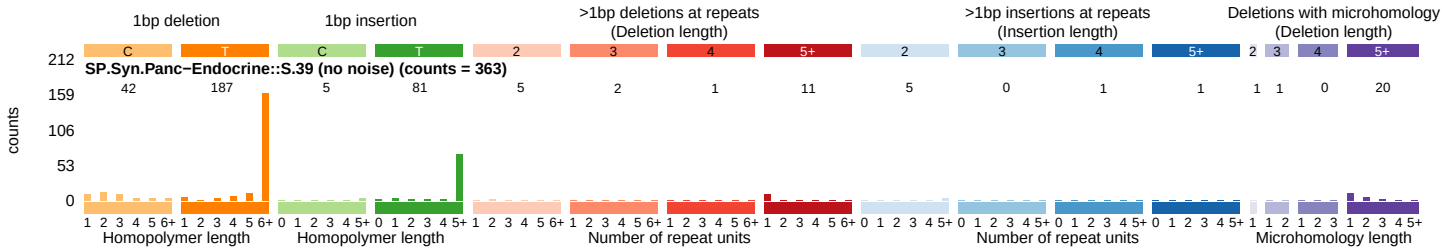

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.34 (no noise) (counts = 226)
counts
Homopolymer length
Number of repeat units
Microhomology length

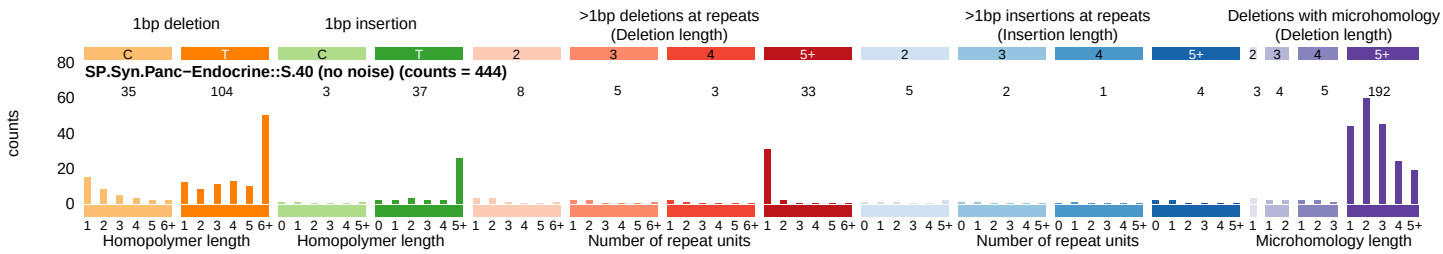

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.35 (no noise) (counts = 319)
counts
Homopolymer length
Number of repeat units
Microhomology length

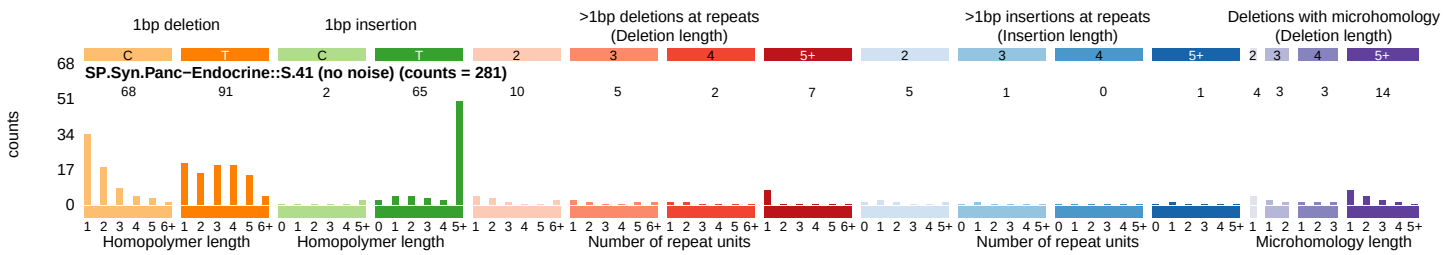

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.36 (no noise) (counts = 164)
counts
Homopolymer length
Number of repeat units
Microhomology length

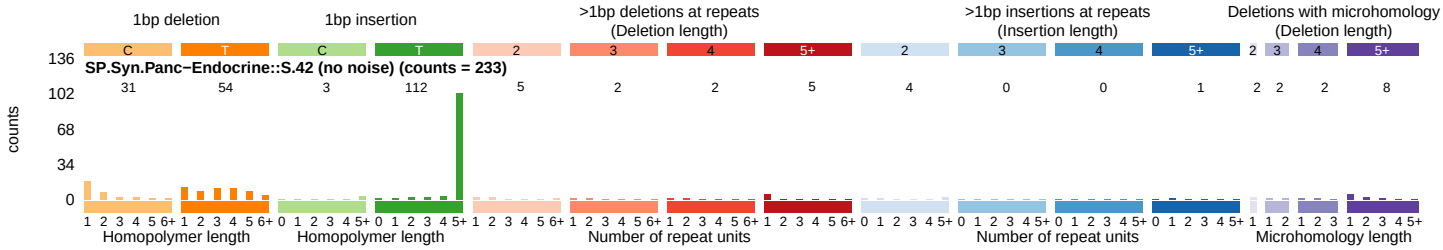

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.37 (no noise) (counts = 374)
counts
Homopolymer length
Number of repeat units
Microhomology length

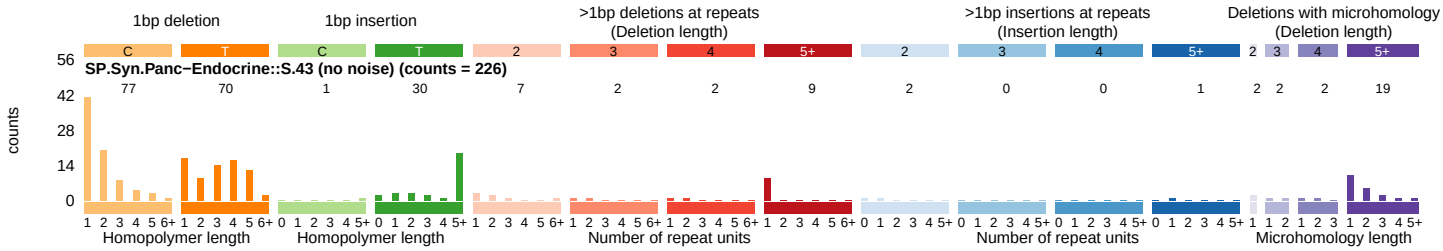

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.38 (no noise) (counts = 190)
counts
Homopolymer length
Number of repeat units
Microhomology length

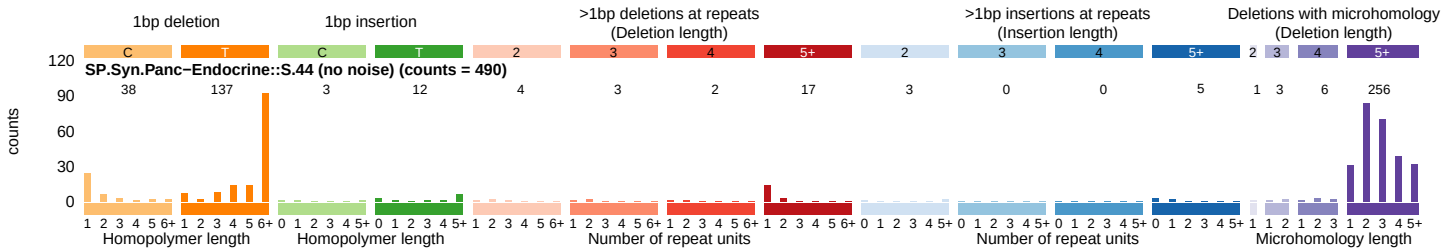

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.39 (no noise) (counts = 363)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.40 (no noise) (counts = 444)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.41 (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.Panc−Endocrine::S.42 (no noise) (counts = 233)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
31 54 3 112 5 2 2 5 4 0 0 1 2 2 2 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.Panc−Endocrine::S.43 (no noise) (counts = 226)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
77 70 1 30 7 2 2 9 2 0 0 1 2 2 2 19
counts
Homopolymer length
Number of repeat units
Microhomology length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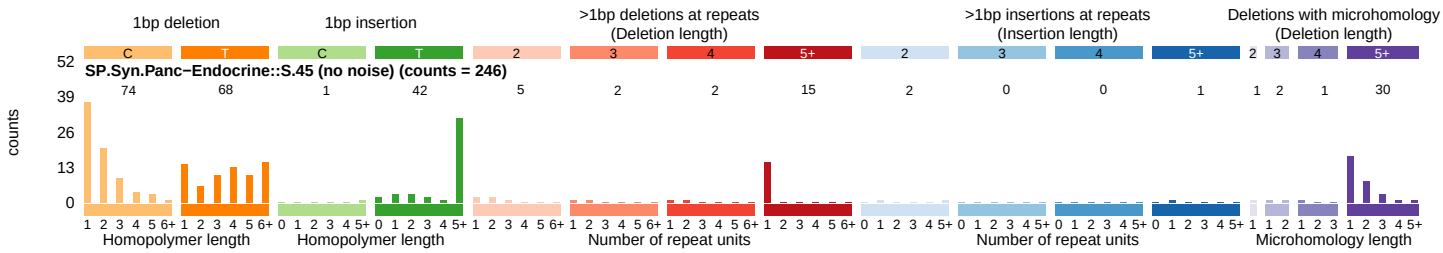
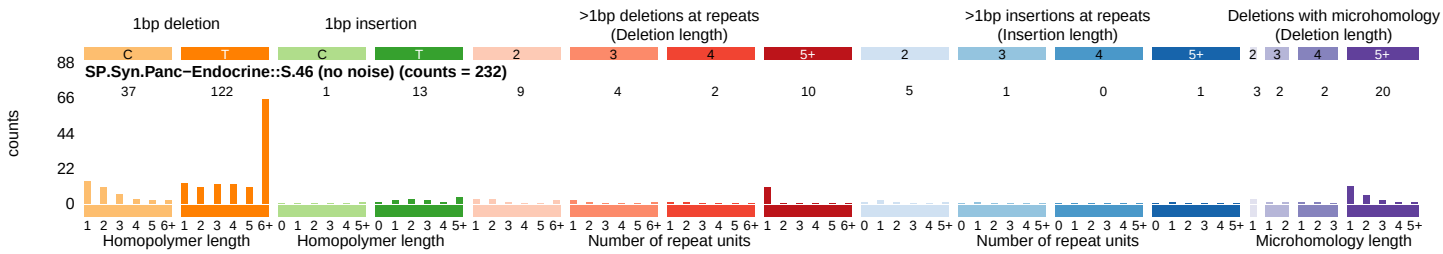
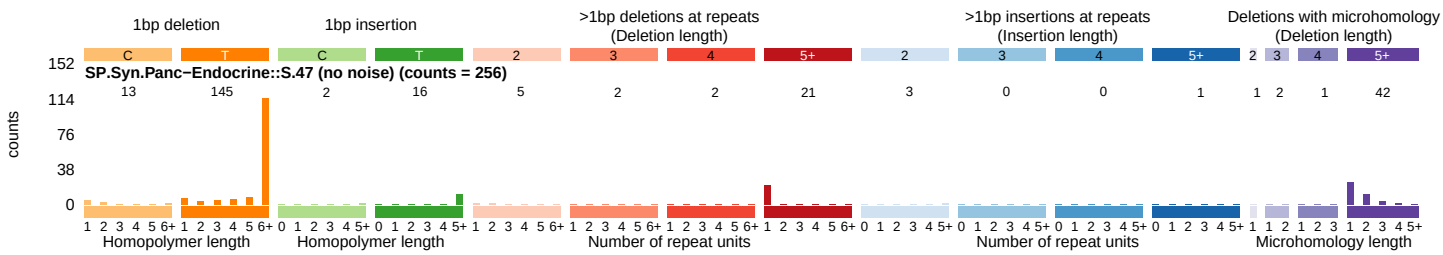
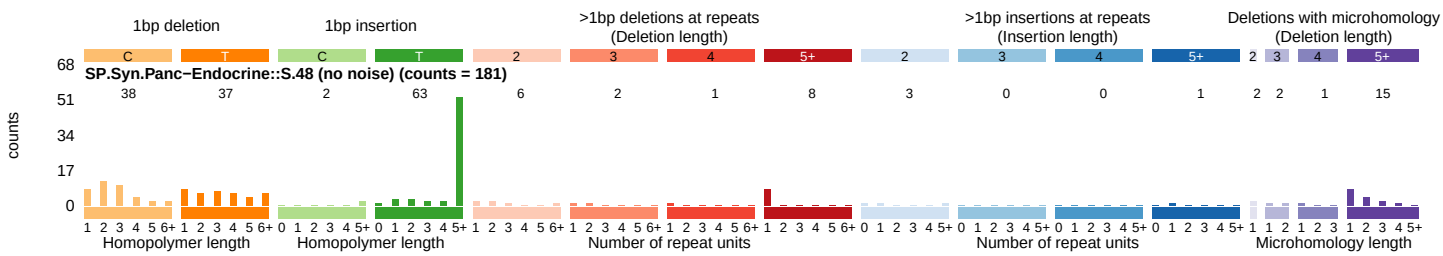
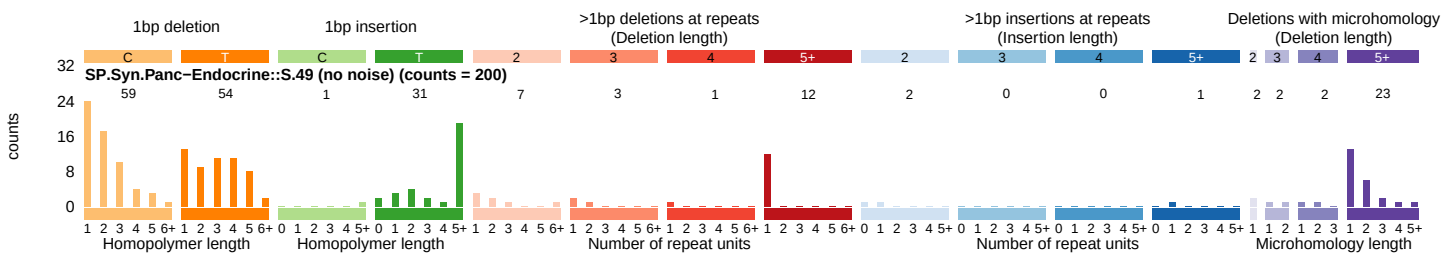
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.44 (no noise) (counts = 490)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
38 137 3 12 4 3 2 17 3 0 0 5 1 3 6 256
counts
Homopolymer length
Number of repeat units
Microhomology length

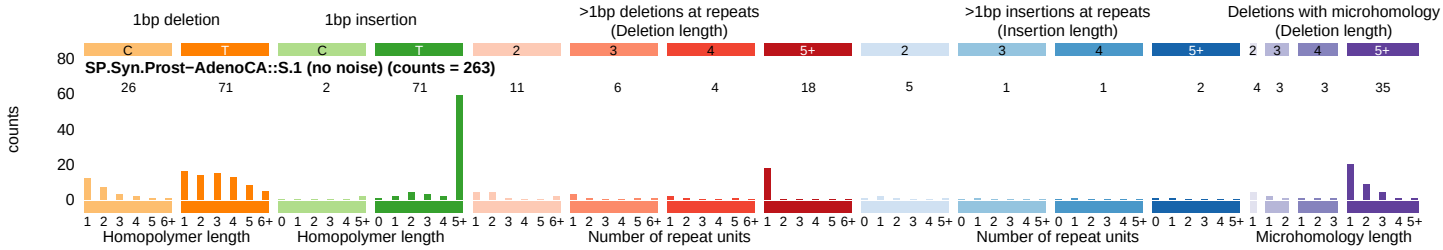

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.45 (no noise) (counts = 246)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
74 68 1 42 5 2 2 15 2 0 0 1 1 2 1 30
counts
Homopolymer length
Number of repeat units
Microhomology length

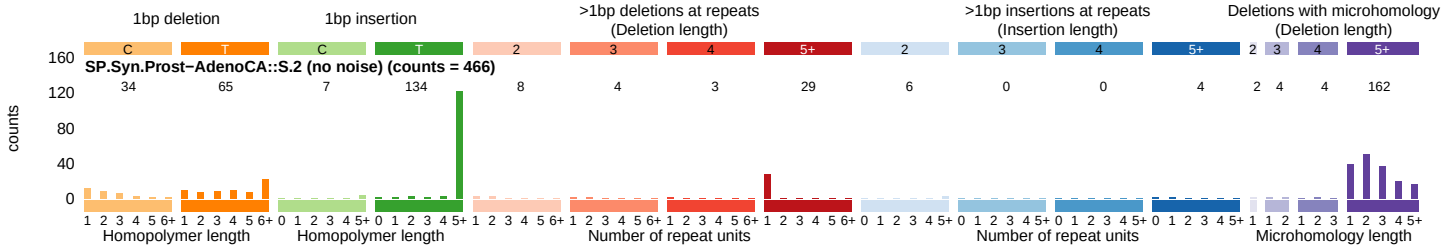

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.46 (no noise) (counts = 232)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
37 122 1 13 9 4 2 10 5 1 0 1 3 2 2 20
counts
Homopolymer length
Number of repeat units
Microhomology length

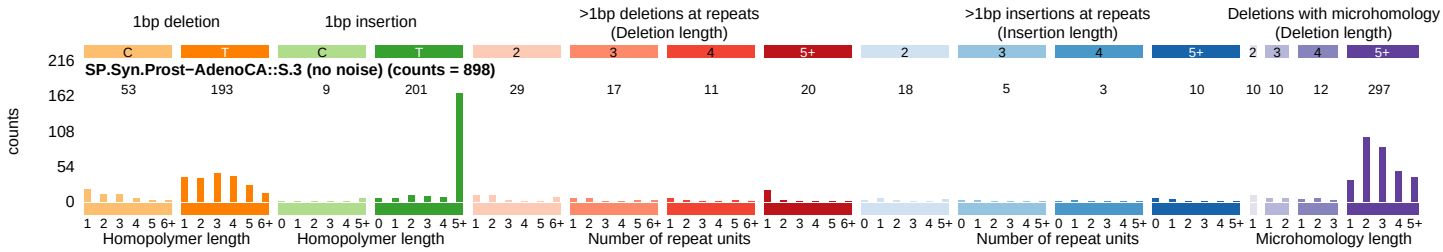

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.47 (no noise) (counts = 256)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
13 145 2 16 5 2 2 21 3 0 0 1 1 2 1 42
counts
Homopolymer length
Number of repeat units
Microhomology length

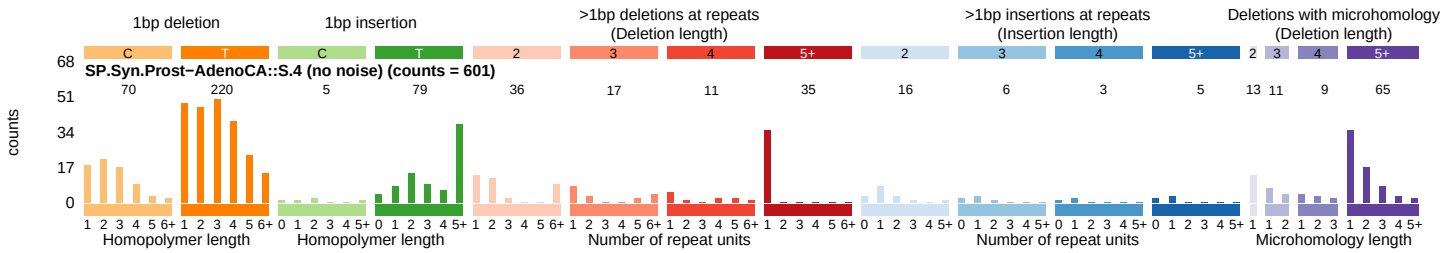

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.48 (no noise) (counts = 181)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
38 37 2 63 6 2 1 8 3 0 0 1 2 2 1 15
counts
Homopolymer length
Number of repeat units
Microhomology length

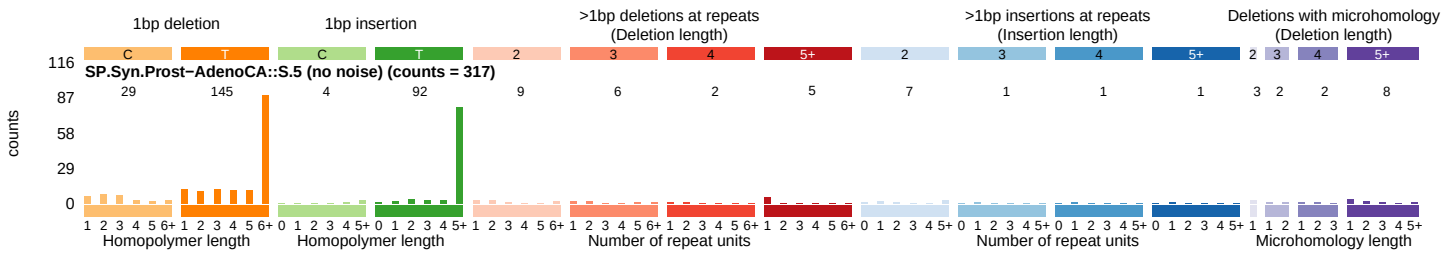

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.49 (no noise) (counts = 200)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
59 54 1 31 7 3 1 12 2 0 0 1 2 2 2 23
counts
Homopolymer length
Number of repeat units
Microhomology length

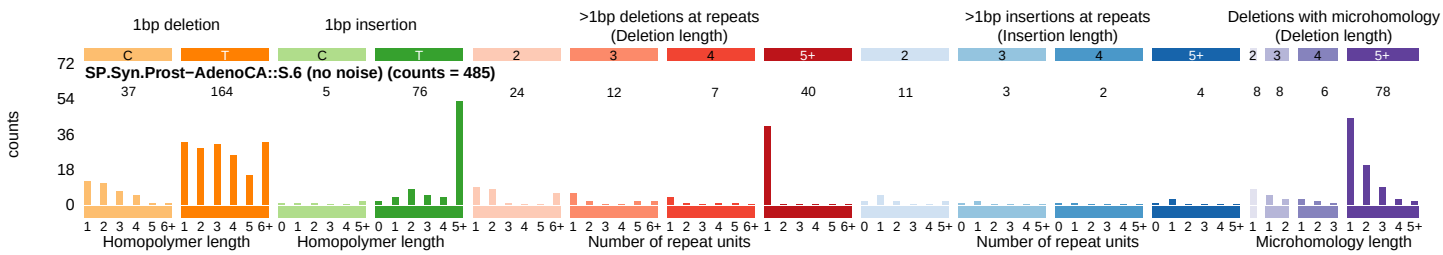

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.1 (no noise) (counts = 263)
26 71 2 71 11 6 4 18 5 1 1 2 4 3 3 35
counts
Homopolymer length
Number of repeat units
Microhomology length

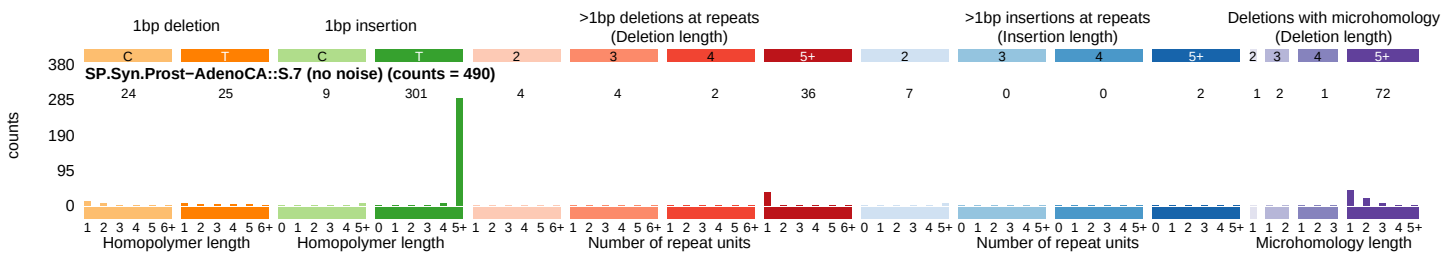

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.2 (no noise) (counts = 466)
34 65 7 134 8 4 3 29 6 0 0 4 2 4 4 162
counts
Homopolymer length
Number of repeat 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.Prost−AdenoCA::S.3 (no noise) (counts = 898)
53 193 9 201 29 17 11 20 18 5 3 10 10 10 12 297
counts
Homopolymer length
Number of repeat 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.Prost−AdenoCA::S.4 (no noise) (counts = 601)
70 220 5 79 36 17 11 35 16 6 3 5 13 11 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.Prost−AdenoCA::S.5 (no noise) (counts = 317)
29 145 4 92 9 6 2 5 7 1 1 1 3 2 2 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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.6 (no noise) (counts = 485)
37 164 5 76 24 12 7 40 11 3 2 4 8 8 6 78
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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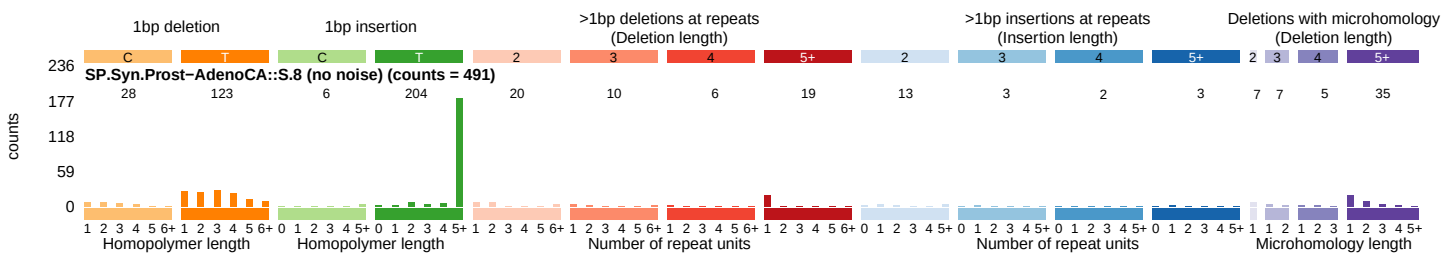
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.7 (no noise) (counts = 490)
24 25 9 301 4 4 2 36 7 0 0 2 1 2 1 72
counts
Homopolymer length
Number of repeat units
Microhomology length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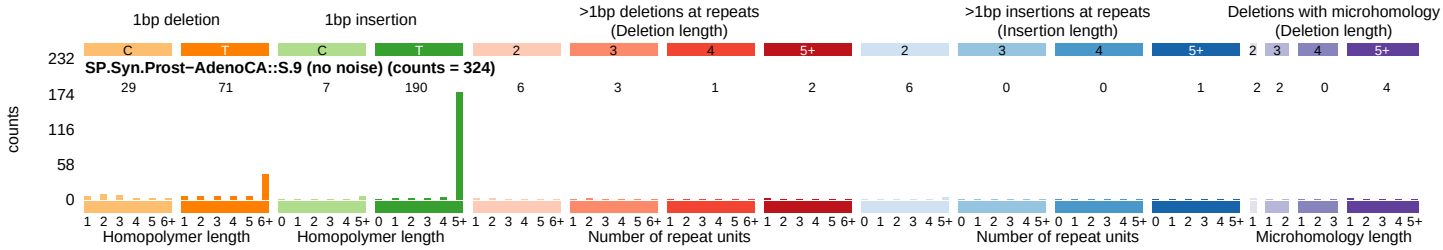
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.8 (no noise) (counts = 491)
28 123 6 204 20 10 6 19 13 3 2 3 7 7 5 35
counts
Homopolymer length
Number of repeat units
Microhomology length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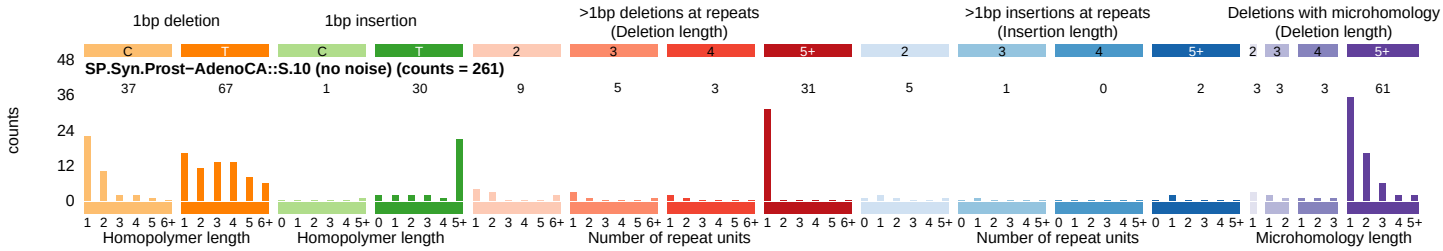
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.9 (no noise) (counts = 324)
29 71 7 190 6 3 1 2 6 0 0 1 2 2 0 4
counts
Homopolymer length
Number of repeat units
Microhomology length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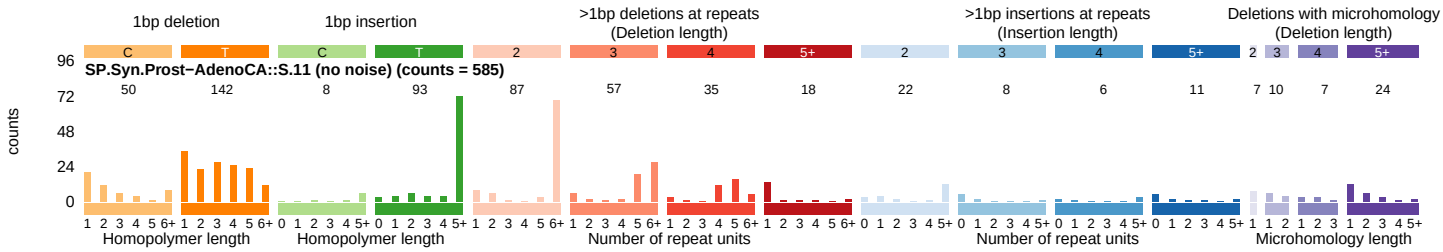
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.10 (no noise) (counts = 261)
37 67 1 30 9 5 3 31 5 1 0 2 3 3 3 61
counts
Homopolymer length
Number of repeat units
Microhomology length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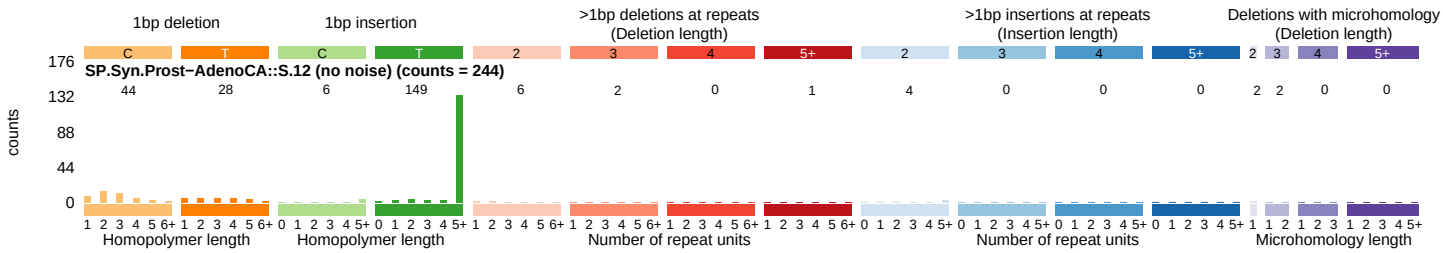
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.11 (no noise) (counts = 585)
50 142 8 93 87 57 35 18 22 8 6 11 7 10 7 24
counts
Homopolymer length
Number of repeat units
Microhomology length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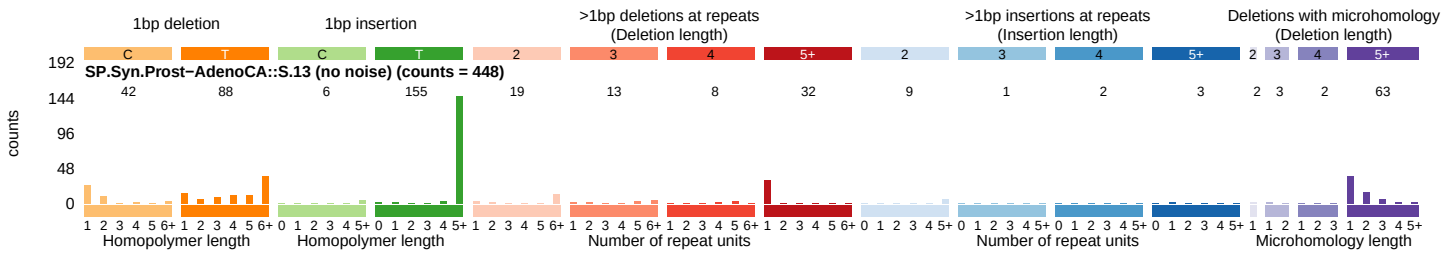
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.12 (no noise) (counts = 244)
44 28 6 149 6 2 0 1 4 0 0 0 2 2 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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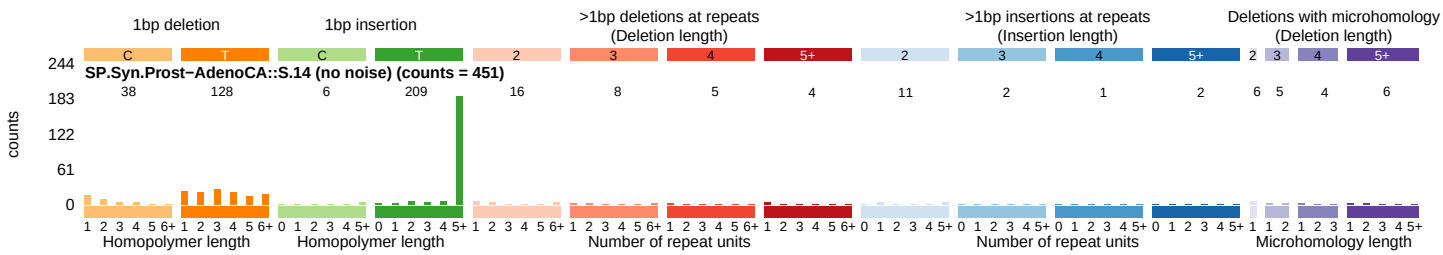
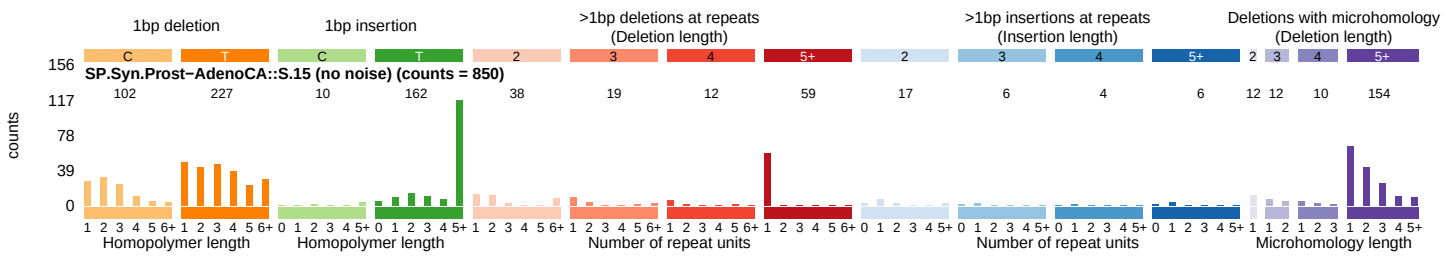
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.13 (no noise) (counts = 448)
42 88 6 155 19 13 8 32 9 1 2 3 2 3 2 63
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.14 (no noise) (counts = 451)
38 128 6 209 16 8 5 4 11 2 1 2 6 5 4 6
counts
Homopolymer length
Number of repeat units
Microhomology length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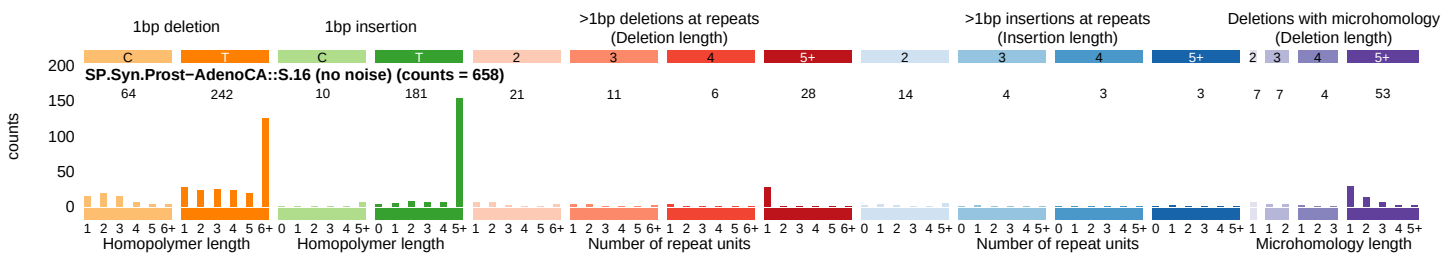
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.15 (no noise) (counts = 850)
102 227 10 162 38 19 12 59 17 6 4 6 12 12 10 154
counts
Homopolymer length
Number of repeat units
Microhomology length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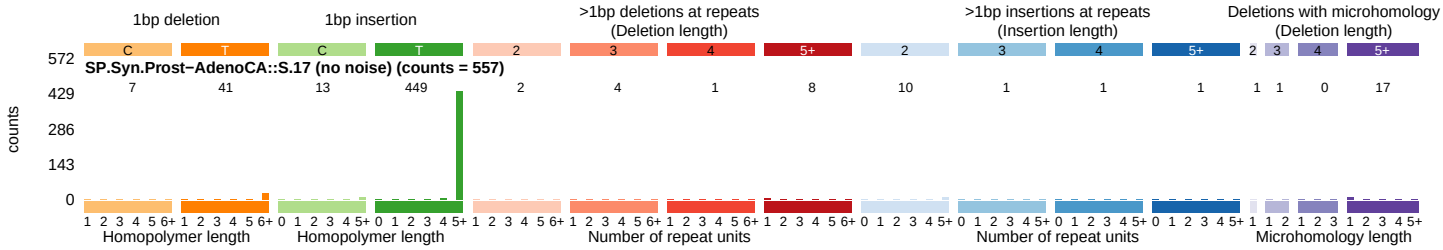
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.16 (no noise) (counts = 658)
64 242 10 181 21 11 6 28 14 4 3 3 7 7 4 53
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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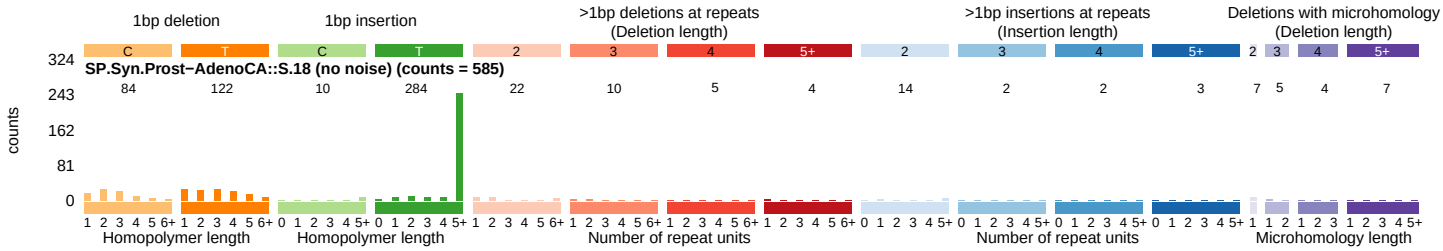
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.17 (no noise) (counts = 557)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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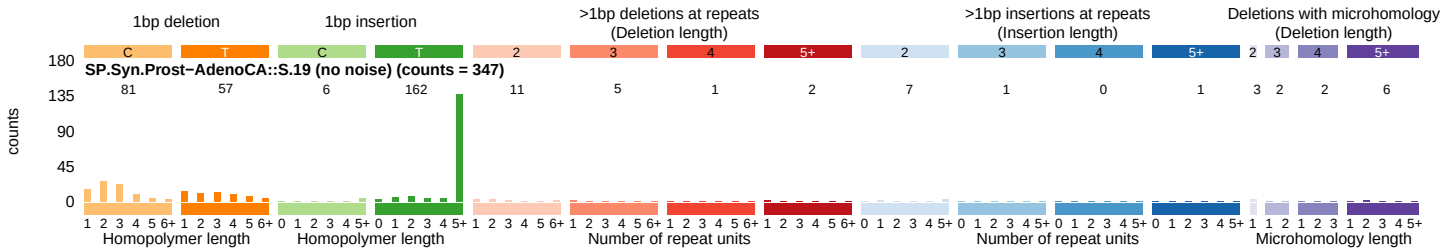
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.18 (no noise) (counts = 585)
counts
Homopolymer length
Number of repeat units
Microhomology length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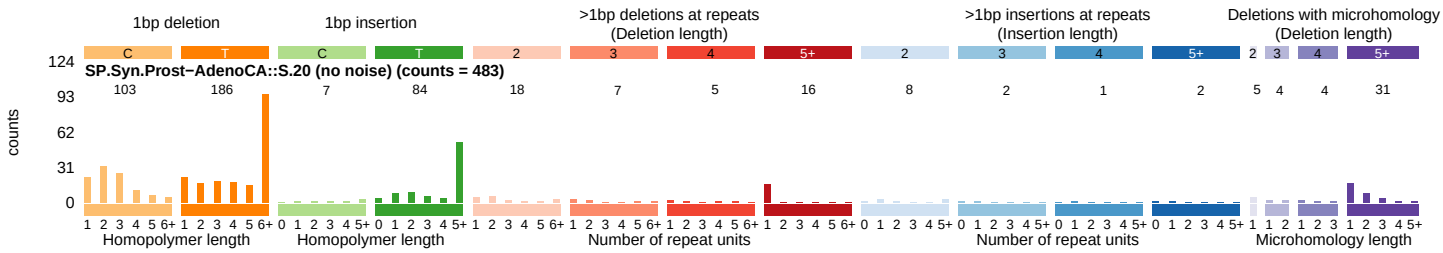
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.19 (no noise) (counts = 347)
counts
Homopolymer length
Number of repeat units
Microhomology length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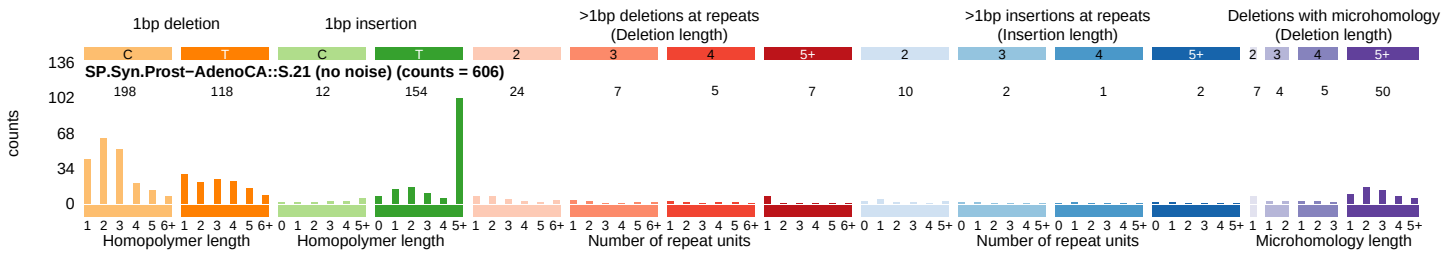
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.20 (no noise) (counts = 483)
counts
Homopolymer length
Number of repeat units
Microhomology length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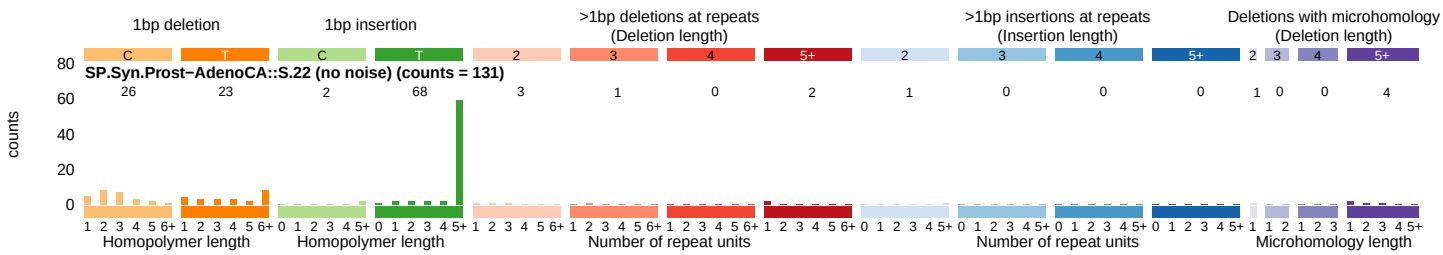
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.21 (no noise) (counts = 606)
counts
Homopolymer length
Number of repeat units
Microhomology length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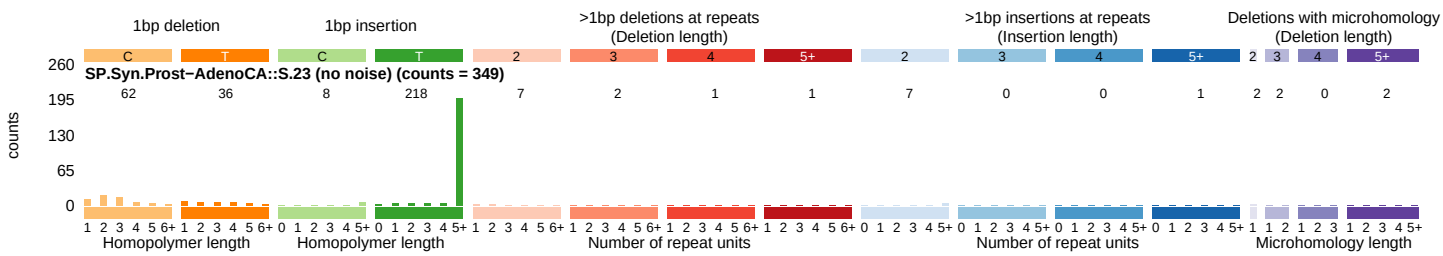
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.22 (no noise) (counts = 131)
counts
Homopolymer length
Number of repeat units
Microhomology length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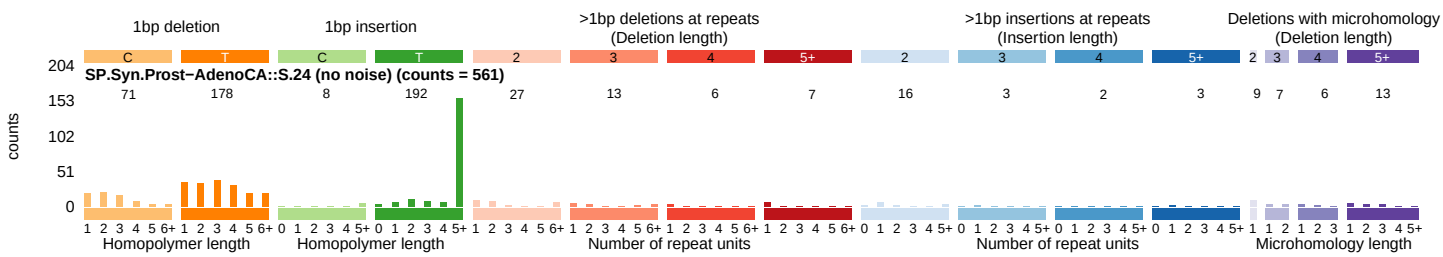
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.23 (no noise) (counts = 349)
counts
Homopolymer length
Number of repeat units
Microhomology length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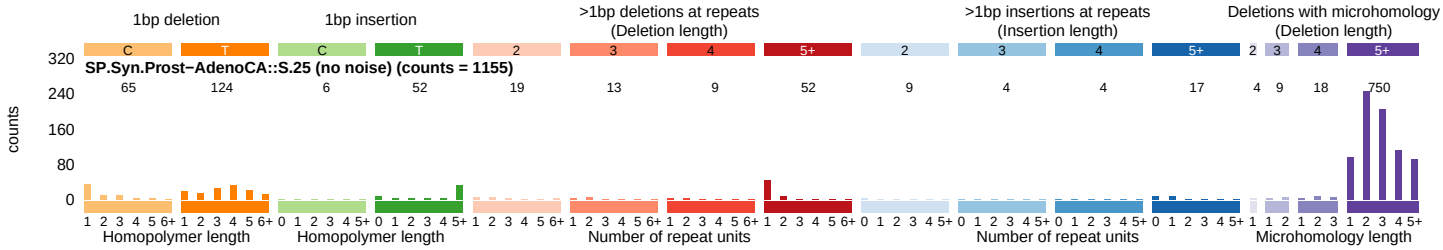
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.24 (no noise) (counts = 561)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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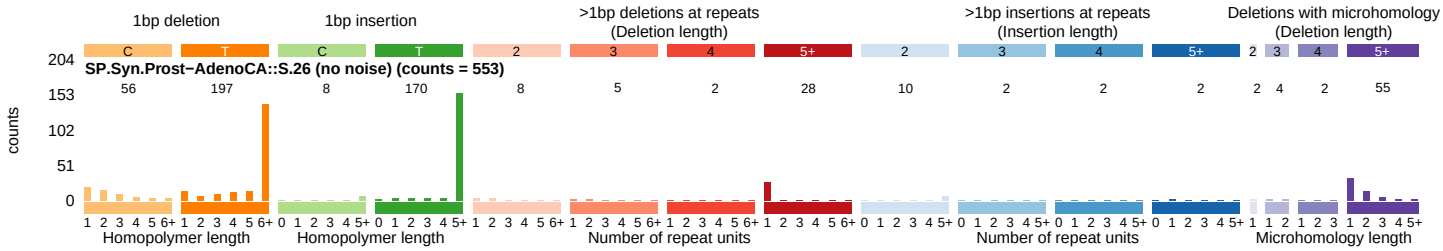
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.25 (no noise) (counts = 1155)
65 124 6 52 19 13 9 52 9 4 4 17 4 9 18 750
counts
Homopolymer length
Number of repeat units
Microhomology length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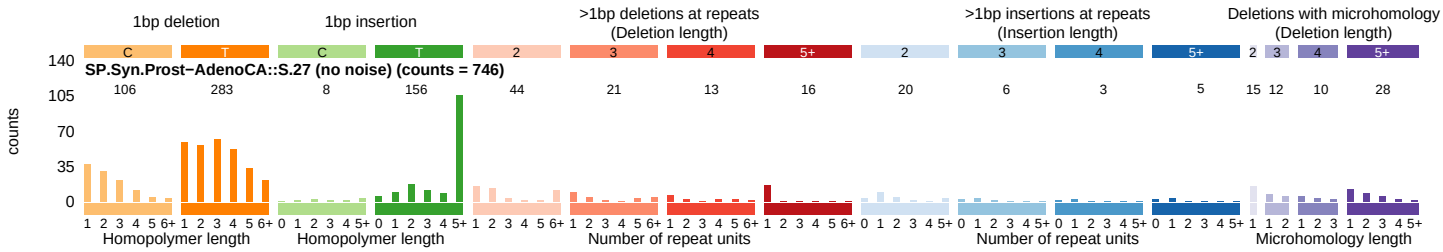
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.26 (no noise) (counts = 553)
56 197 8 170 8 5 2 28 10 2 2 2 2 4 2 55
counts
Homopolymer length
Number of repeat units
Microhomology length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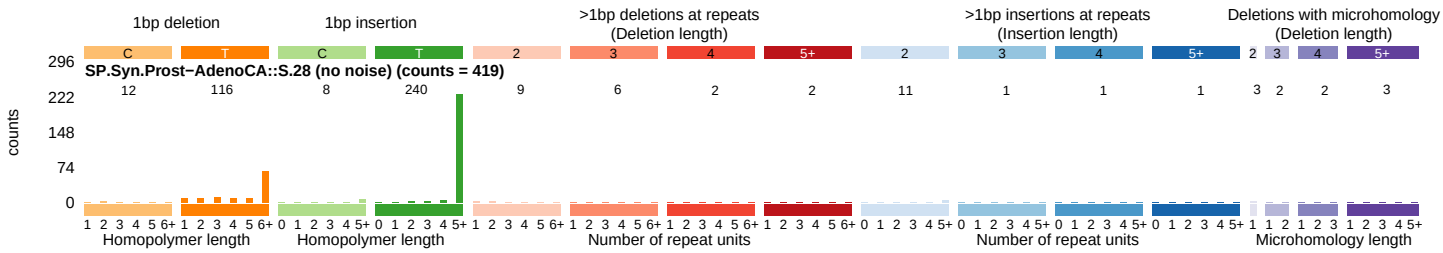
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.27 (no noise) (counts = 746)
106 283 8 156 44 21 13 16 20 6 3 5 15 12 10 28
counts
Homopolymer length
Number of repeat units
Microhomology length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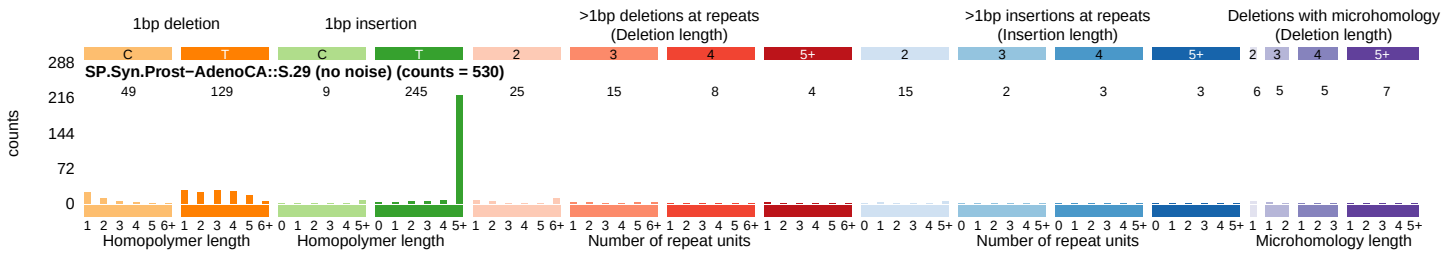
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.28 (no noise) (counts = 419)
12 116 8 240 9 6 2 2 11 1 1 1 3 2 2 3
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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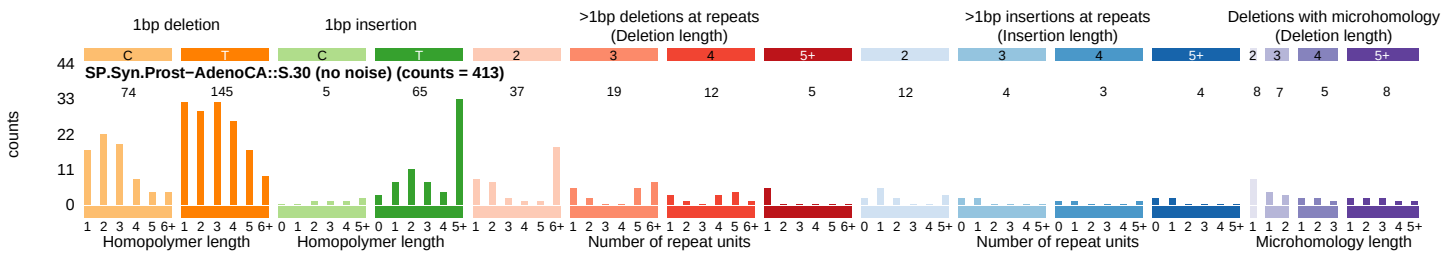
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.29 (no noise) (counts = 530)
49 129 9 245 25 15 8 4 15 2 3 3 6 5 5 7
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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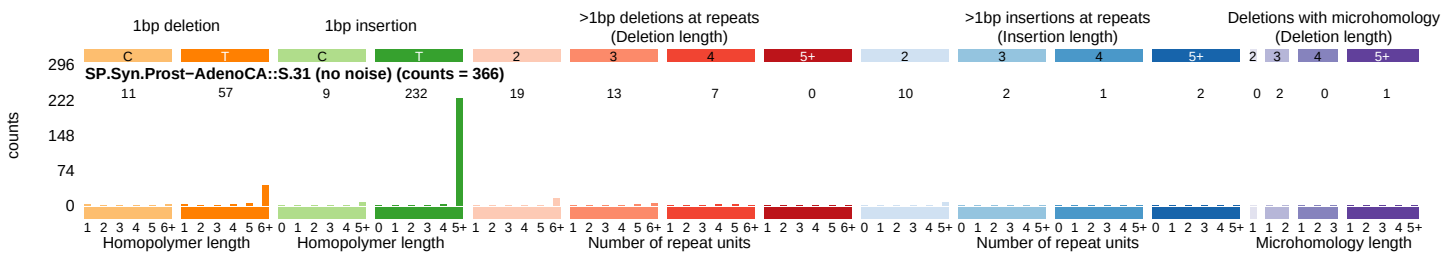
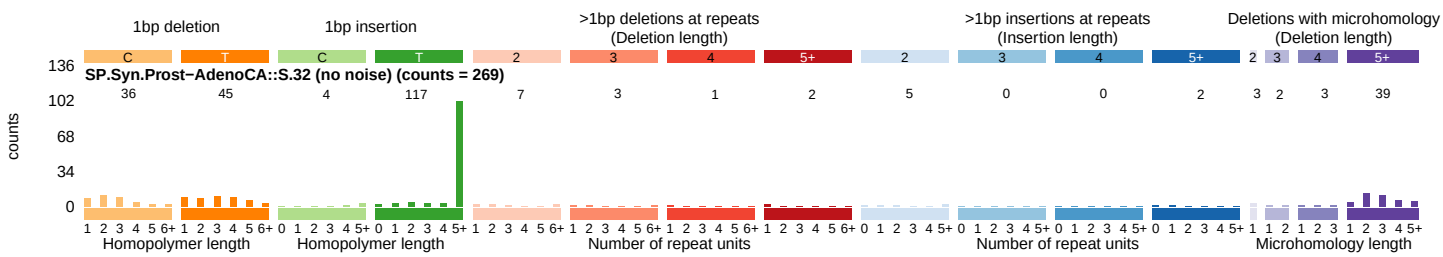
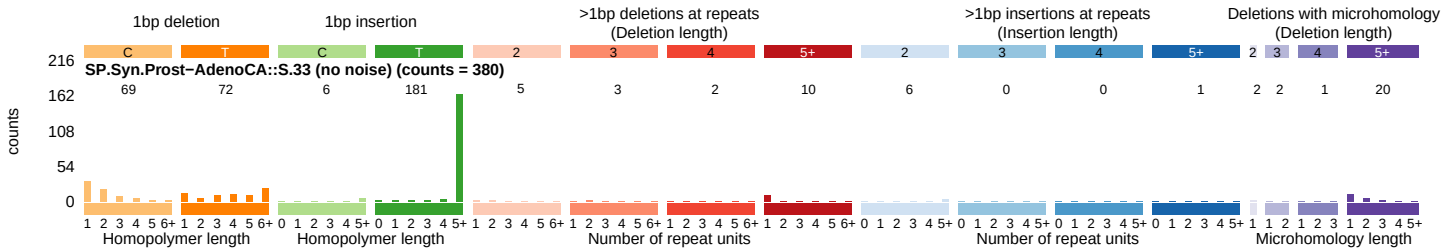
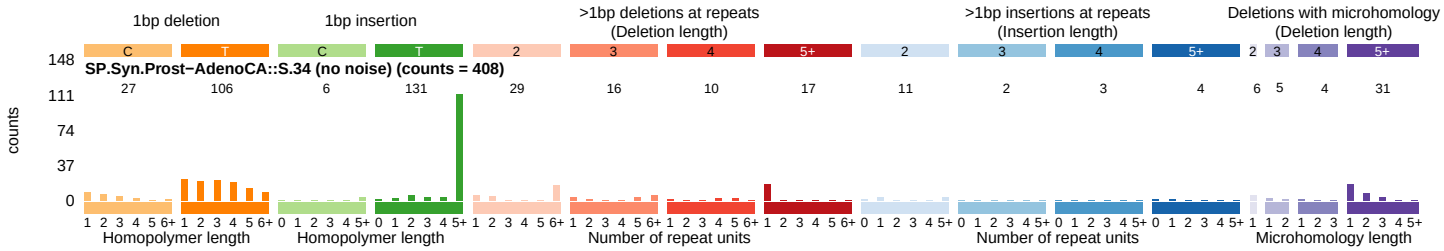
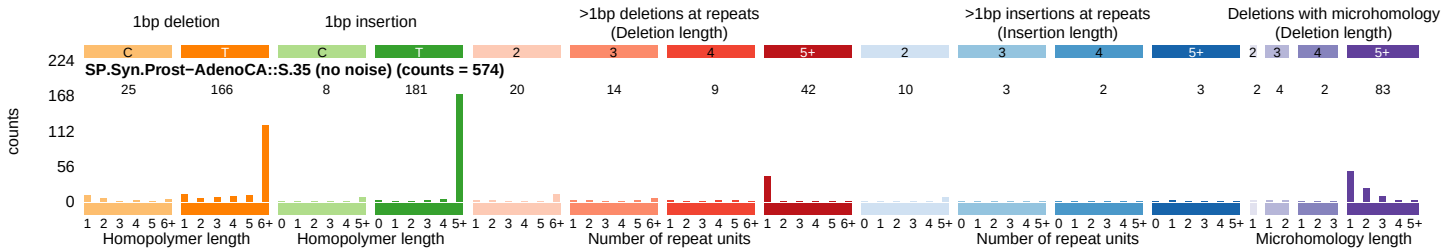
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.30 (no noise) (counts = 413)
74 145 5 65 37 19 12 5 12 4 3 4 8 7 5 8
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.31 (no noise) (counts = 366)
11 57 9 232 19 13 7 0 10 2 1 2 0 2 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.Prost−AdenoCA::S.32 (no noise) (counts = 269)
36 45 4 117 7 3 1 2 5 0 0 2 3 2 3 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.Prost−AdenoCA::S.33 (no noise) (counts = 380)
69 72 6 181 5 3 2 10 6 0 0 1 2 2 1 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.Prost−AdenoCA::S.34 (no noise) (counts = 408)
27 106 6 131 29 16 10 17 11 2 3 4 6 5 4 31
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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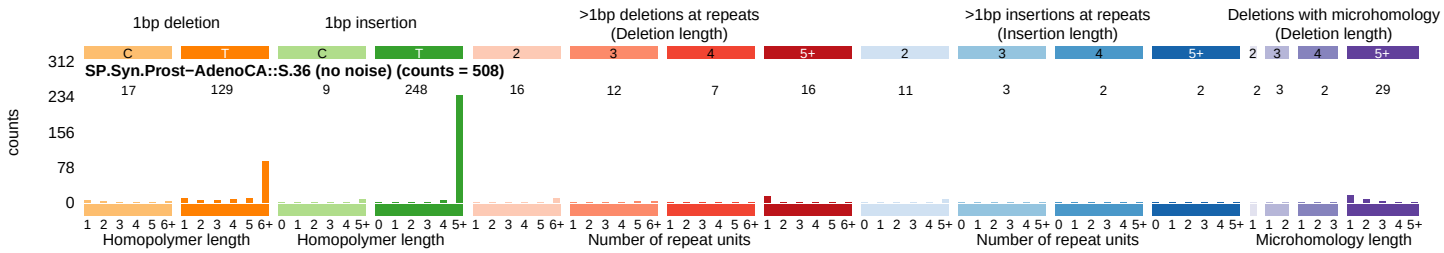
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.35 (no noise) (counts = 574)
25 166 8 181 20 14 9 42 10 3 2 3 2 4 2 83
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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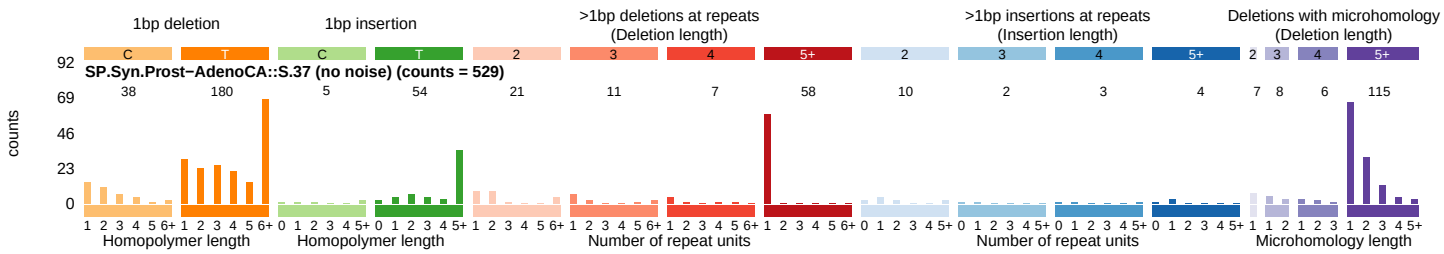
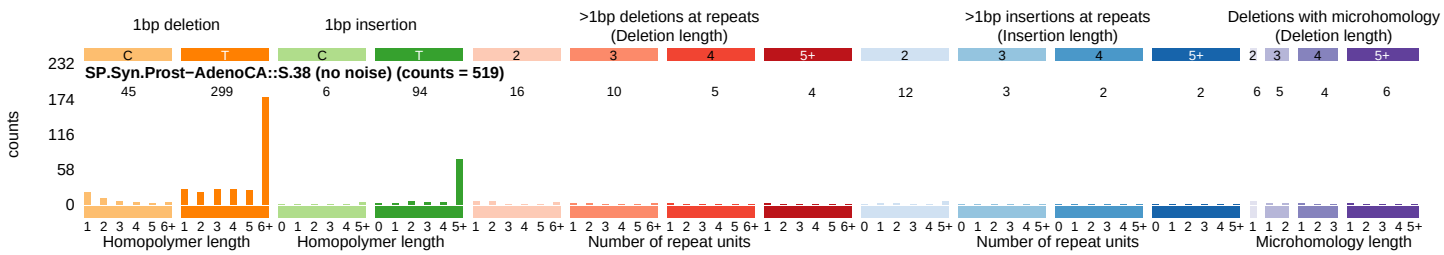
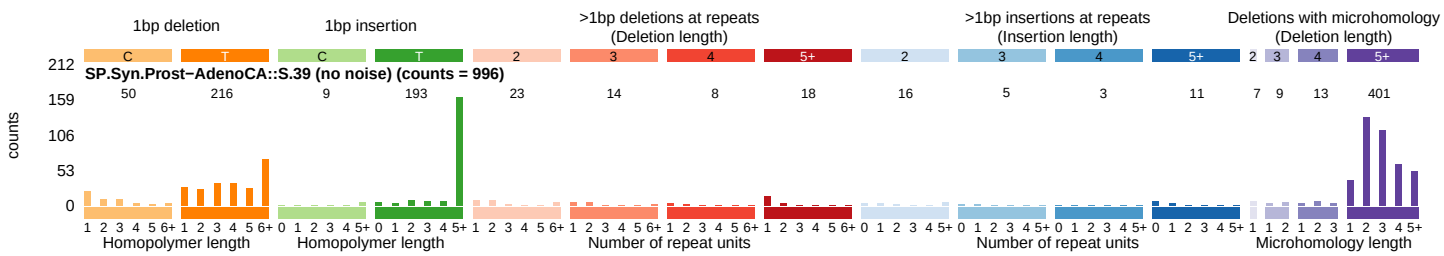
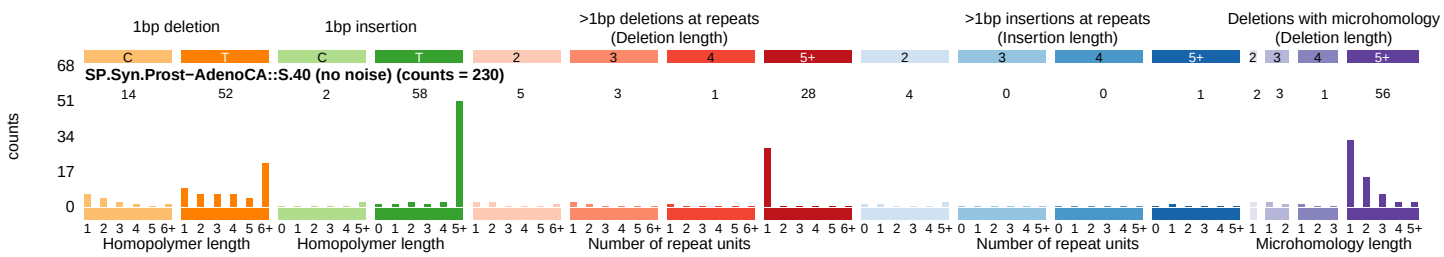
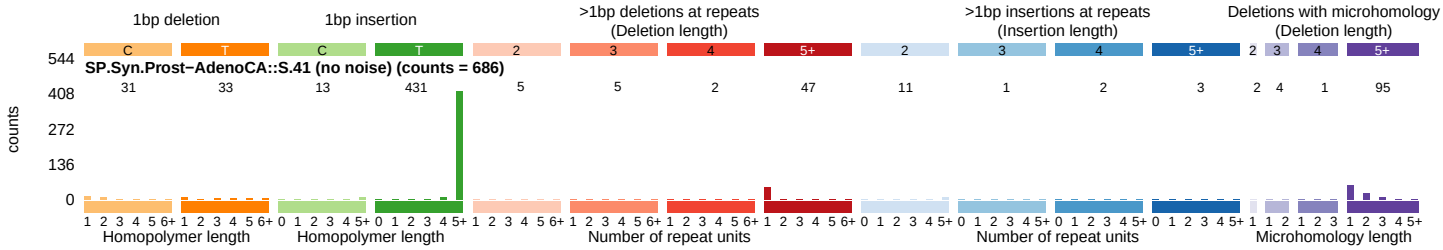
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.36 (no noise) (counts = 508)
17 129 9 248 16 12 7 16 11 3 2 2 2 3 2 29
counts
Homopolymer length
Number of repeat units
Microhomology length

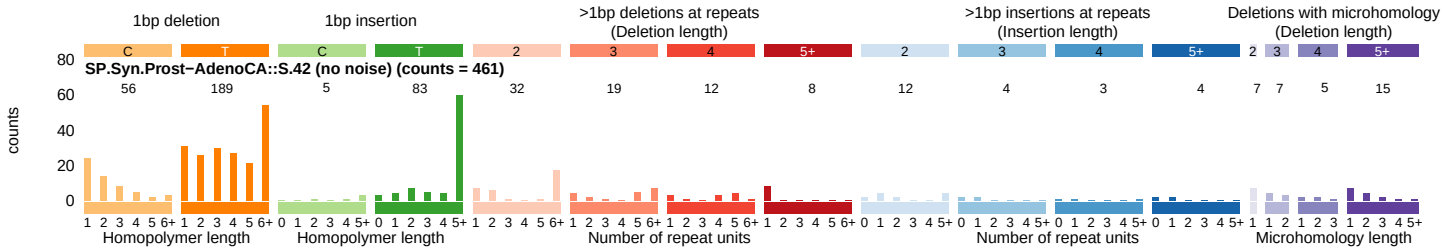

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.37 (no noise) (counts = 529)
38 180 5 54 21 11 7 58 10 2 3 4 7 8 6 115
counts
Homopolymer length
Number of repeat units
Microhomology length

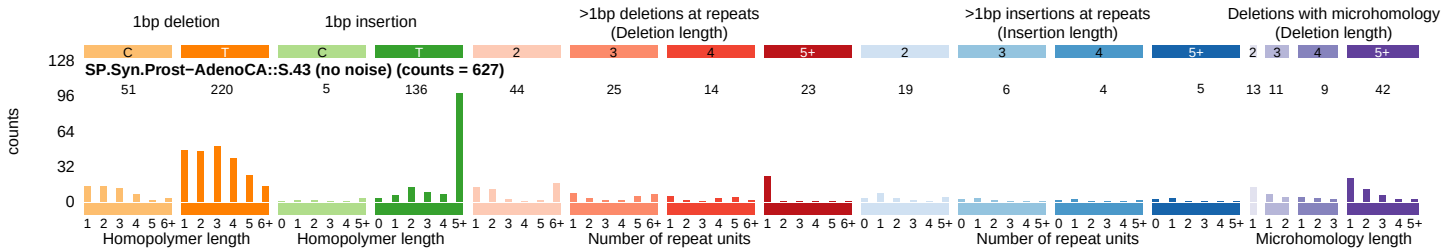

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.38 (no noise) (counts = 519)
45 299 6 94 16 10 5 4 12 3 2 2 6 5 4 6
counts
Homopolymer length
Number of repeat units
Microhomology length

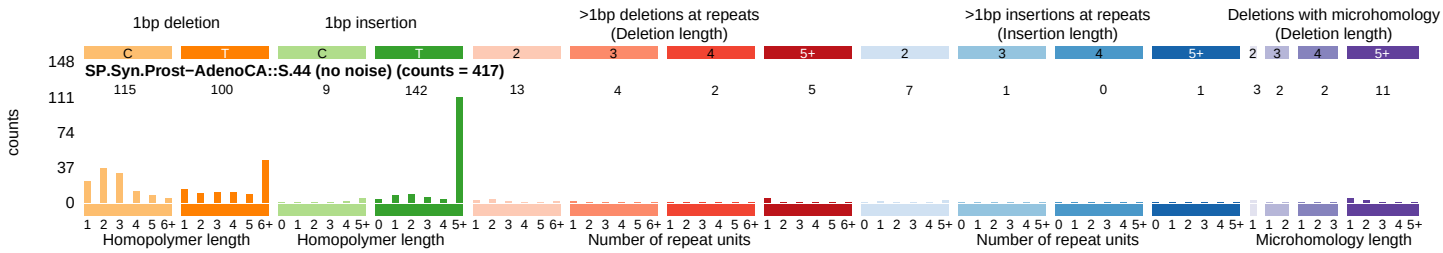

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.39 (no noise) (counts = 996)
50 216 9 193 23 14 8 18 16 5 3 11 7 9 13 401
counts
Homopolymer length
Number of repeat 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.Prost−AdenoCA::S.40 (no noise) (counts = 230)
14 52 2 58 5 3 1 28 4 0 0 1 2 3 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.Prost−AdenoCA::S.41 (no noise) (counts = 686)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.42 (no noise) (counts = 461)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.43 (no noise) (counts = 627)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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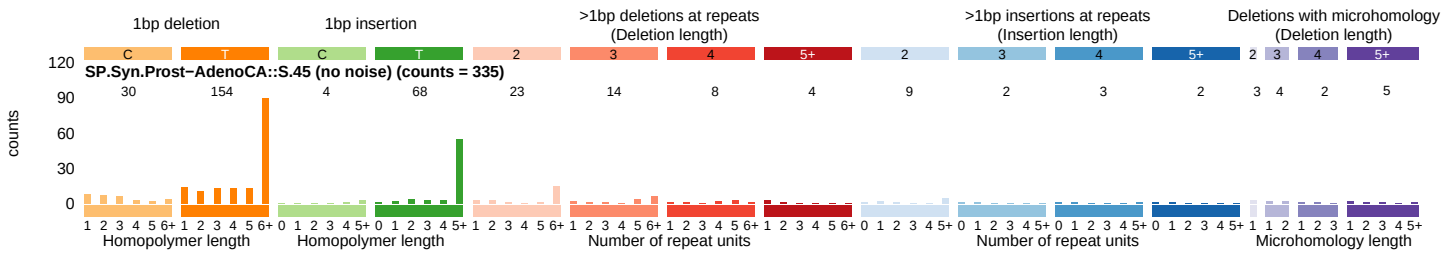
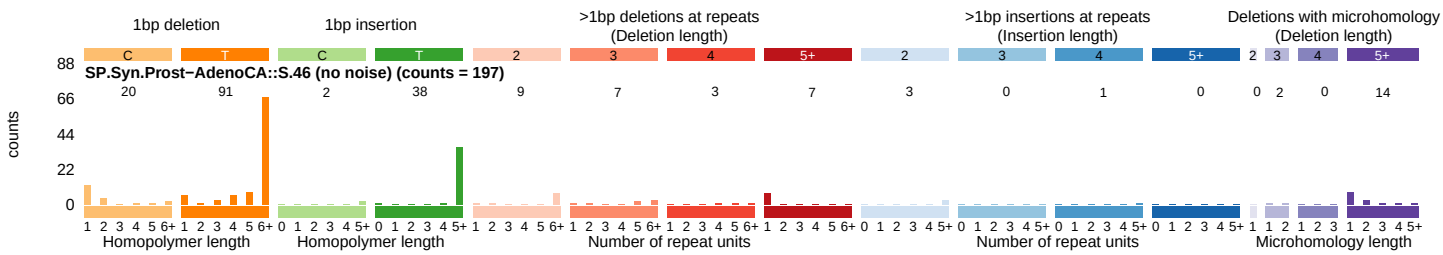
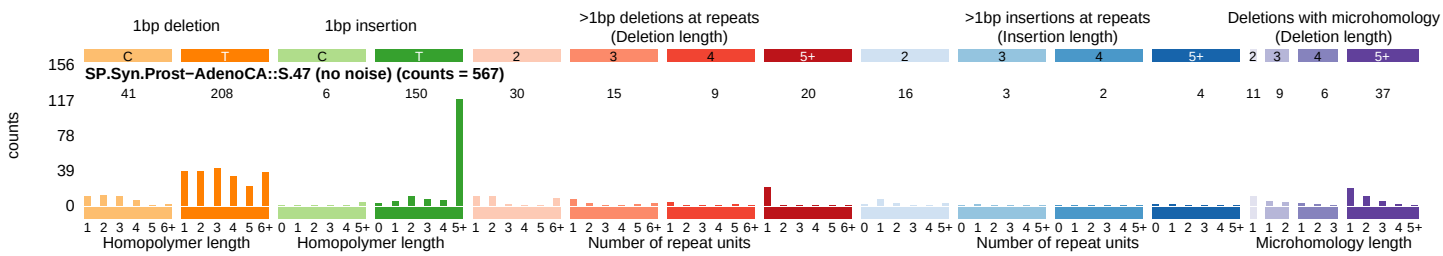
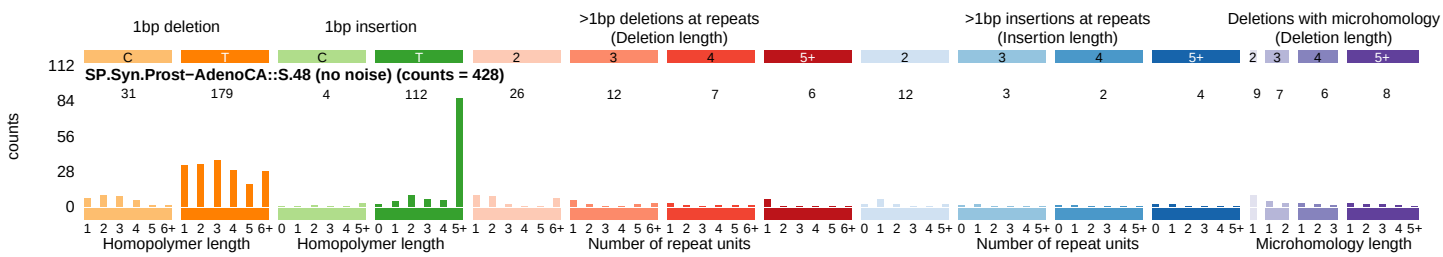
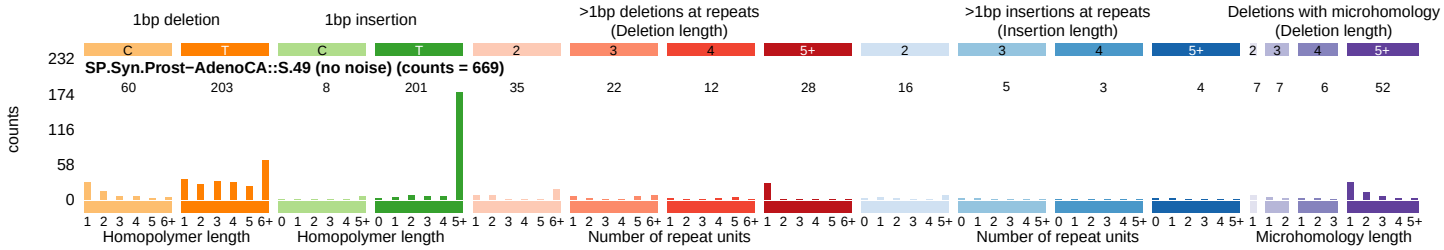
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.44 (no noise) (counts = 417)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.45 (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.Prost−AdenoCA::S.46 (no noise) (counts = 197)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.47 (no noise) (counts = 567)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.48 (no noise) (counts = 428)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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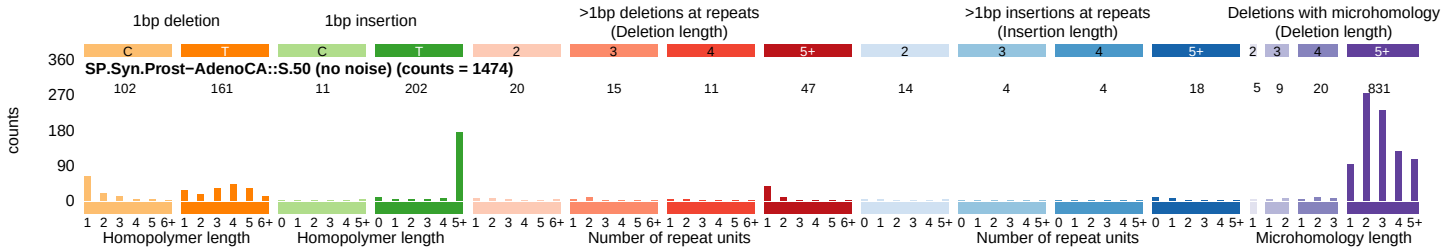
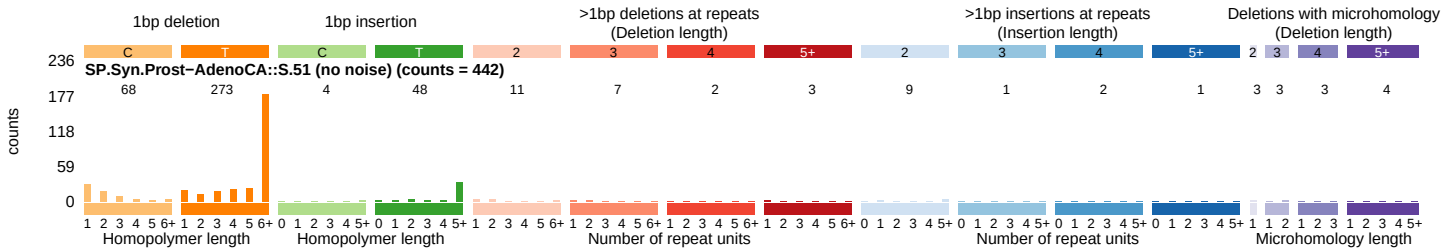
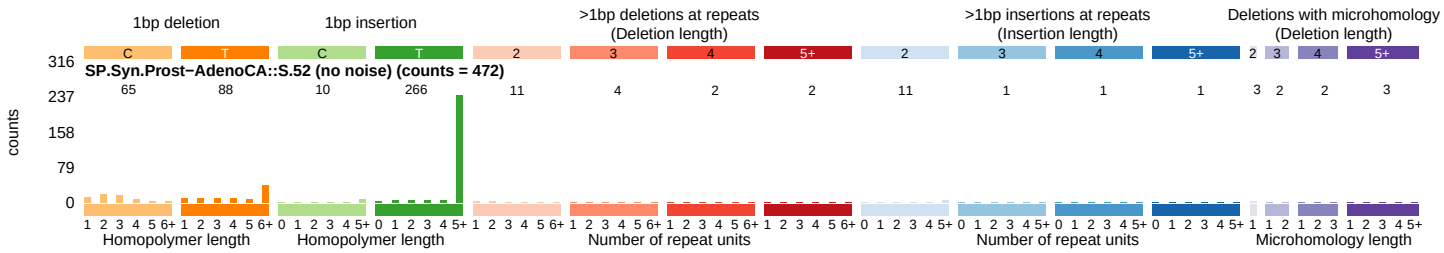
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.49 (no noise) (counts = 669)
60 203 8 201 35 22 12 28 16 5 3 4 7 7 6 52
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.50 (no noise) (counts = 1474)
102 161 11 202 20 15 11 47 14 4 4 18 5 9 20 831
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.Prost−AdenoCA::S.51 (no noise) (counts = 442)
68 273 4 48 11 7 2 3 9 1 2 1 3 3 3 4
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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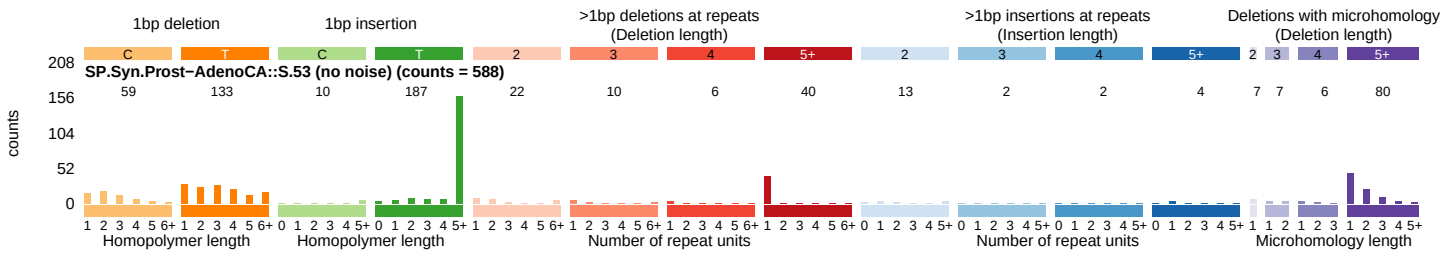
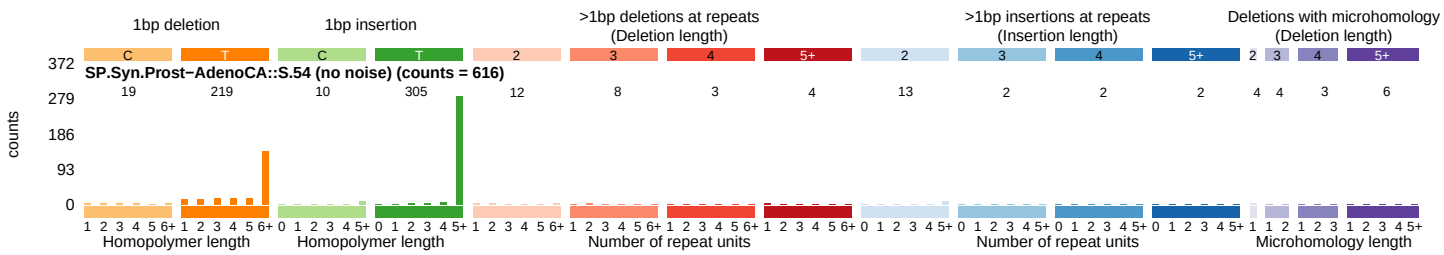
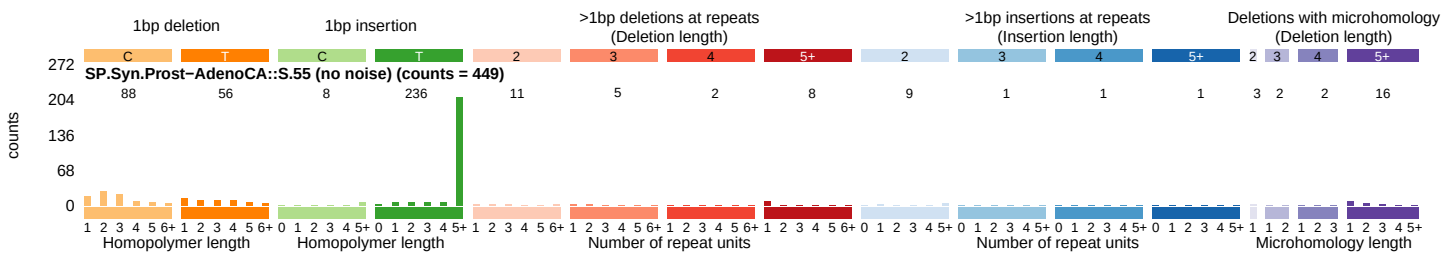
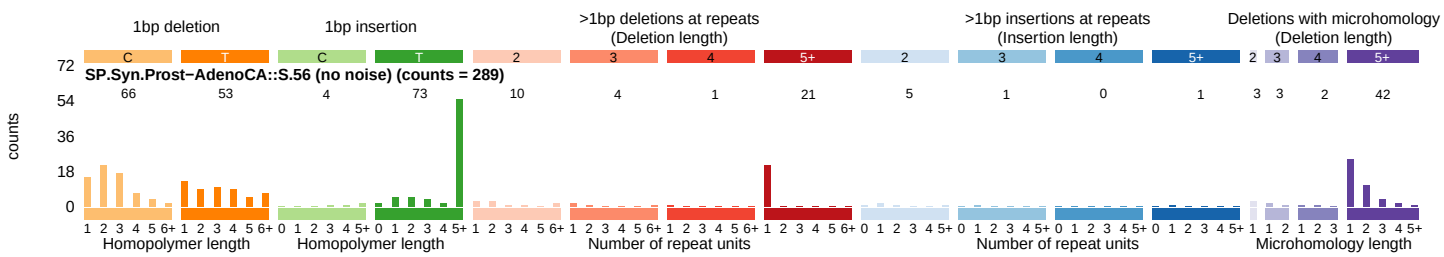
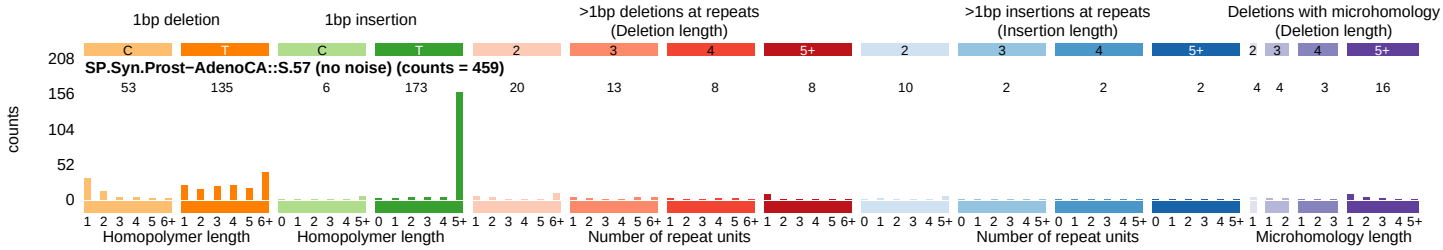
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.52 (no noise) (counts = 472)
65 88 10 266 11 4 2 2 11 1 1 1 3 2 2 3
counts
Homopolymer length
Number of repeat units
Microhomology length

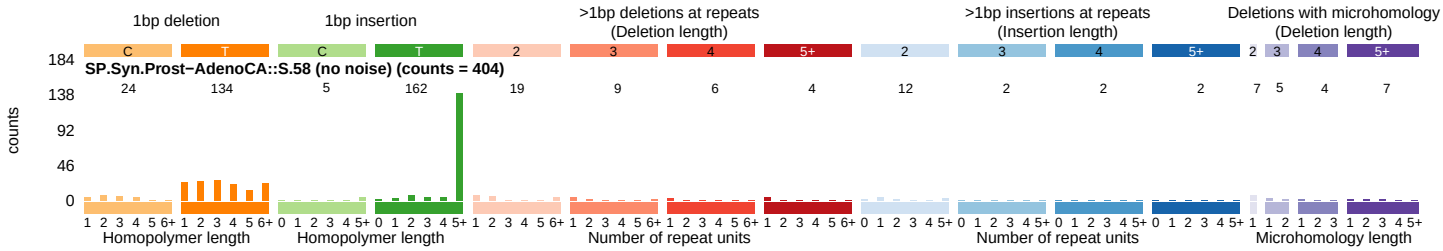

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.53 (no noise) (counts = 588)
59 133 10 187 22 10 6 40 13 2 2 4 7 7 6 80
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.54 (no noise) (counts = 616)
19 219 10 305 12 8 3 4 13 2 2 2 4 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.Prost−AdenoCA::S.55 (no noise) (counts = 449)
88 56 8 236 11 5 2 8 9 1 1 1 3 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.Prost−AdenoCA::S.56 (no noise) (counts = 289)
66 53 4 73 10 4 1 21 5 1 0 1 3 3 2 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.Prost−AdenoCA::S.57 (no noise) (counts = 459)
53 135 6 173 20 13 8 8 10 2 2 2 4 4 3 16
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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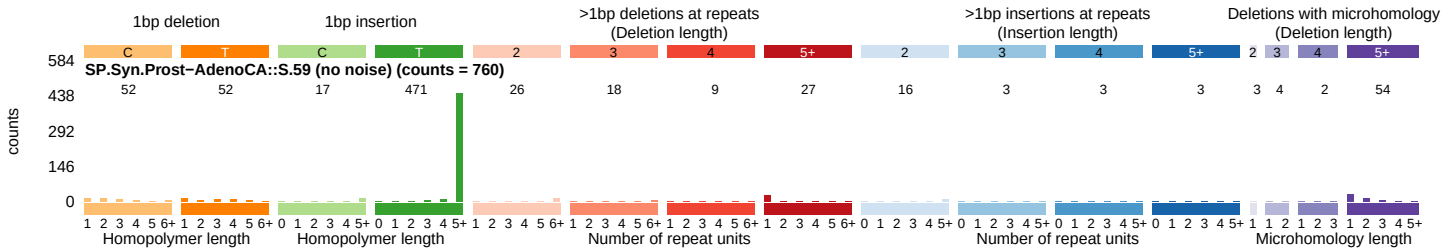
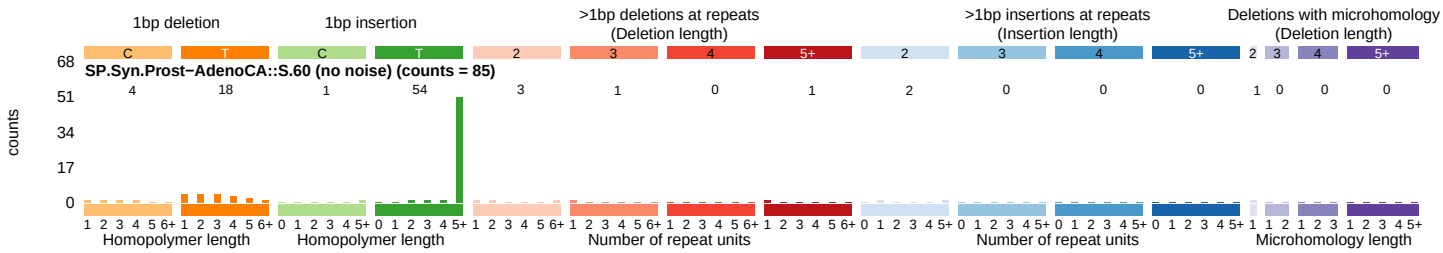
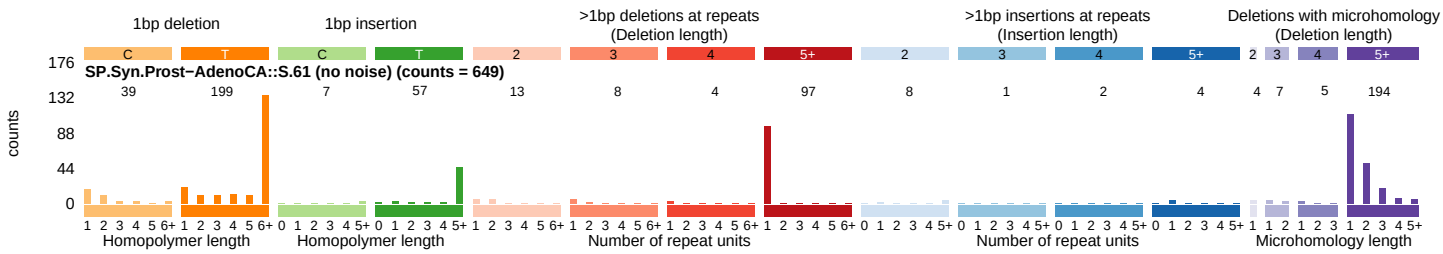
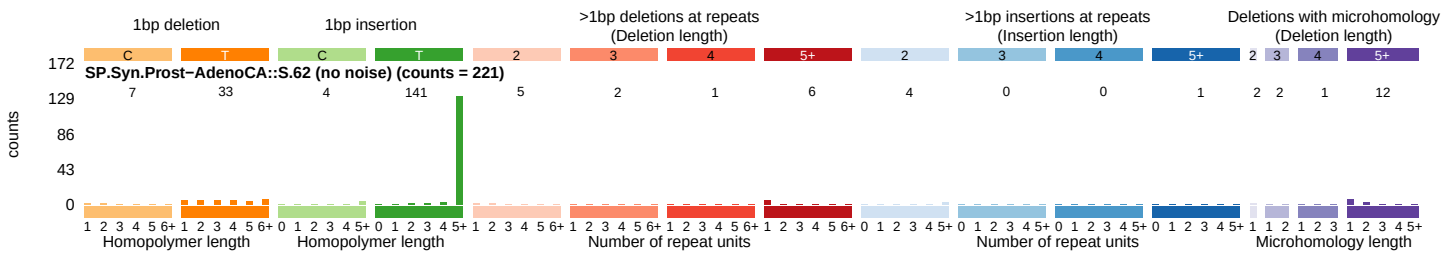
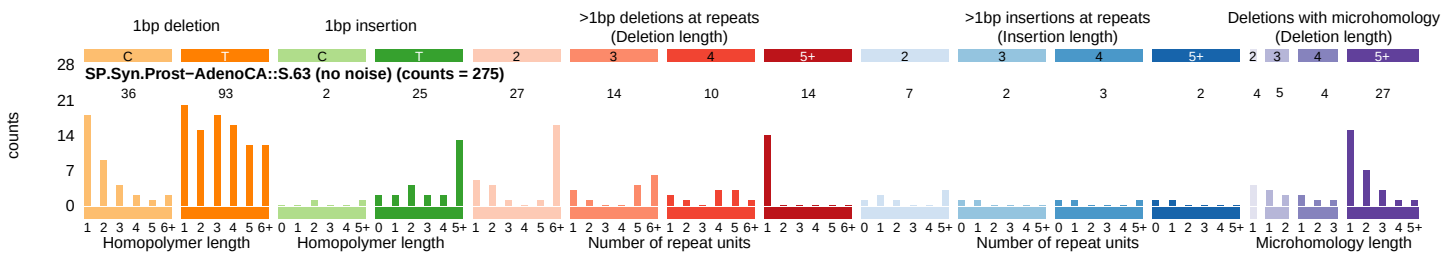
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.58 (no noise) (counts = 404)
24 134 5 162 19 9 6 4 12 2 2 2 7 5 4 7
counts
Homopolymer length
Number of repeat units
Microhomology length

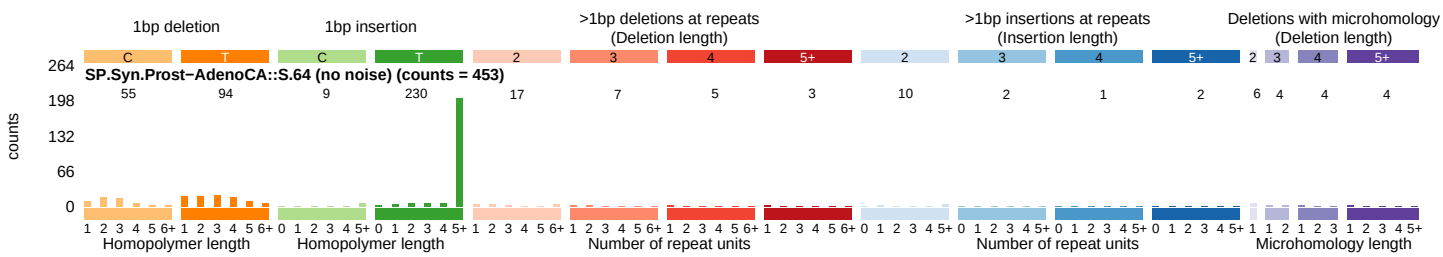

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.59 (no noise) (counts = 760)
52 52 17 471 26 18 9 27 16 3 3 3 3 4 2 54
counts
Homopolymer length
Number of repeat units
Microhomology length

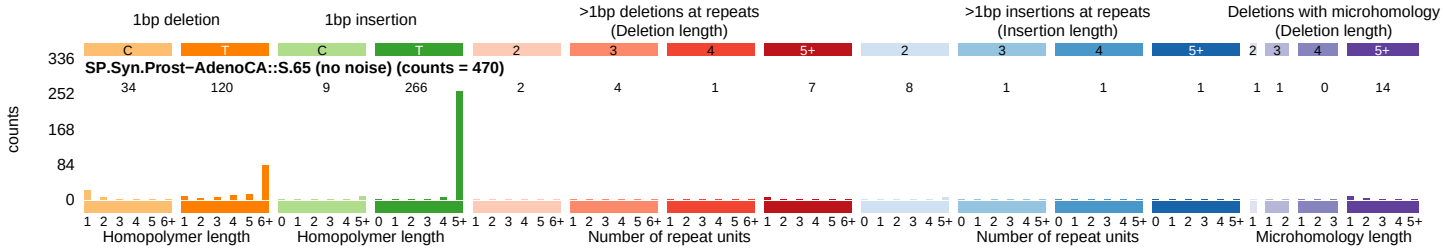

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.60 (no noise) (counts = 85)
4 18 1 54 3 1 0 1 2 0 0 0 1 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

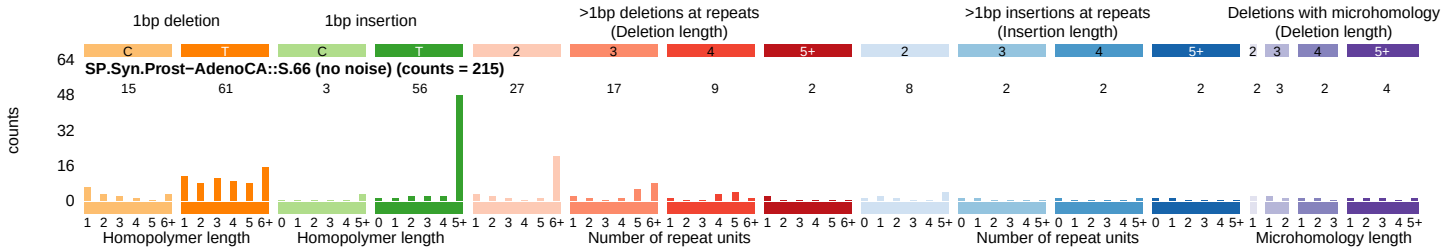

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.61 (no noise) (counts = 649)
39 199 7 57 13 8 4 97 8 1 2 4 4 7 5 194
counts
Homopolymer length
Number of repeat units
Microhomology length

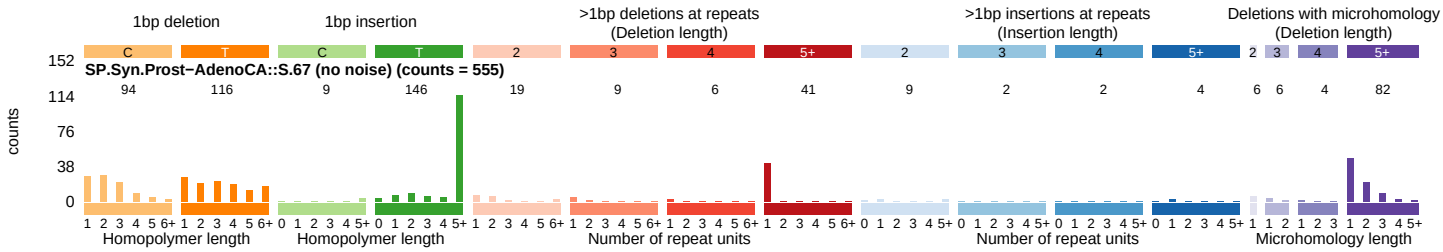

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.62 (no noise) (counts = 221)
7 33 4 141 5 2 1 6 4 0 0 1 2 2 1 12
counts
Homopolymer length
Number of repeat units
Microhomology length

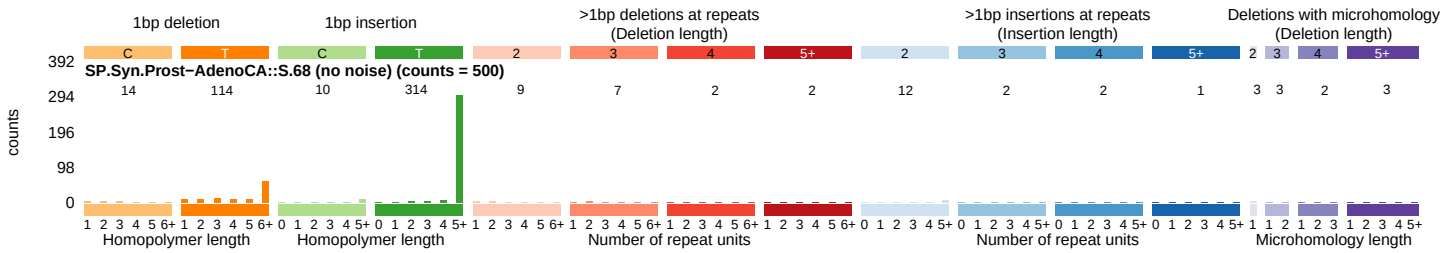

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.63 (no noise) (counts = 275)
36 93 2 25 27 14 10 14 7 2 3 2 4 5 4 27
counts
Homopolymer length
Number of repeat units
Microhomology length

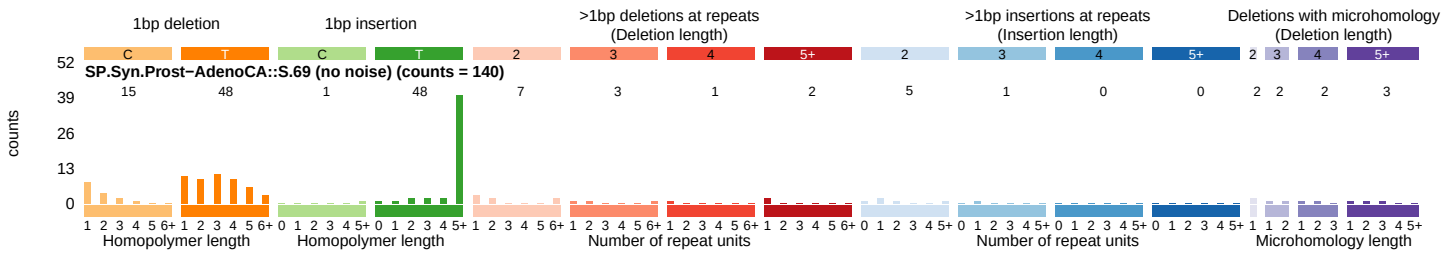

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.64 (no noise) (counts = 453)
55 94 9 230 17 7 5 3 10 2 1 2 6 4 4 4
counts
Homopolymer length
Number of repeat units
Microhomology length

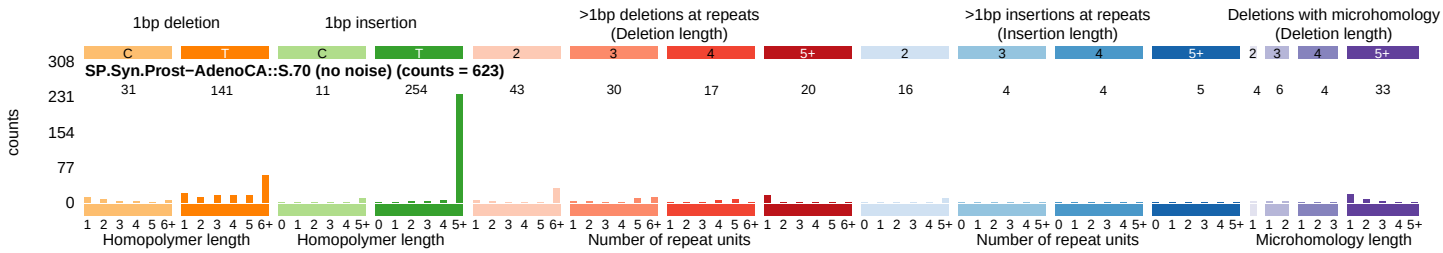

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.65 (no noise) (counts = 470)
counts
Homopolymer length
Number of repeat units
Microhomology length

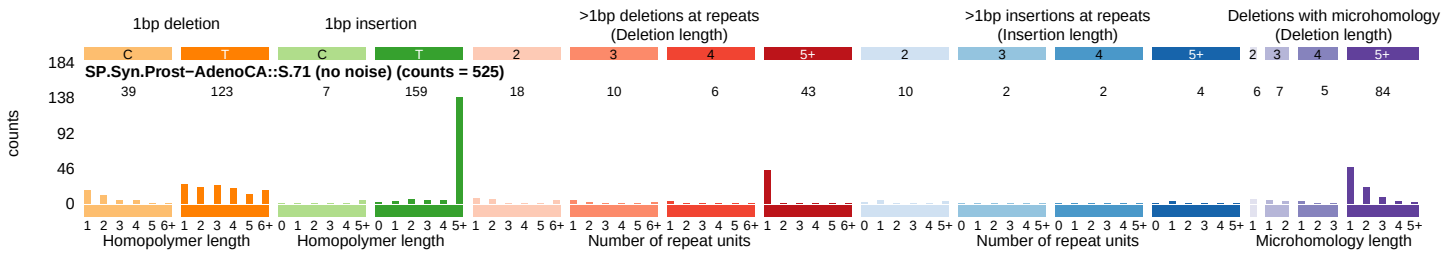

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.66 (no noise) (counts = 215)
counts
Homopolymer length
Number of repeat units
Microhomology length

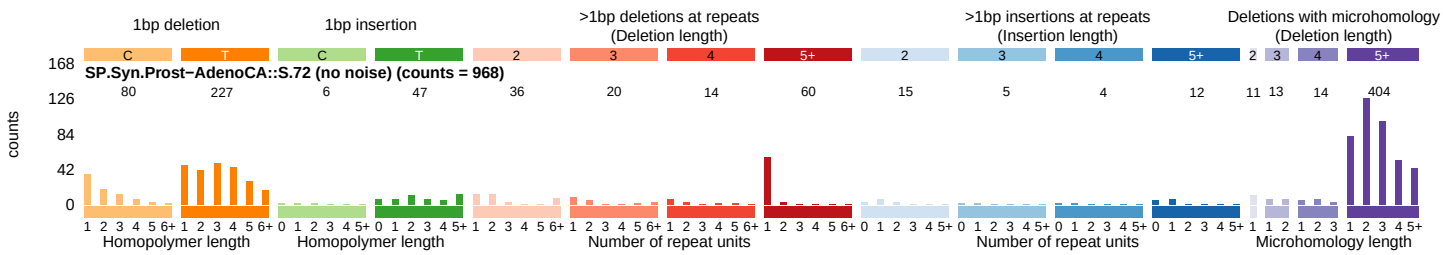

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.67 (no noise) (counts = 555)
counts
Homopolymer length
Number of repeat units
Microhomology length

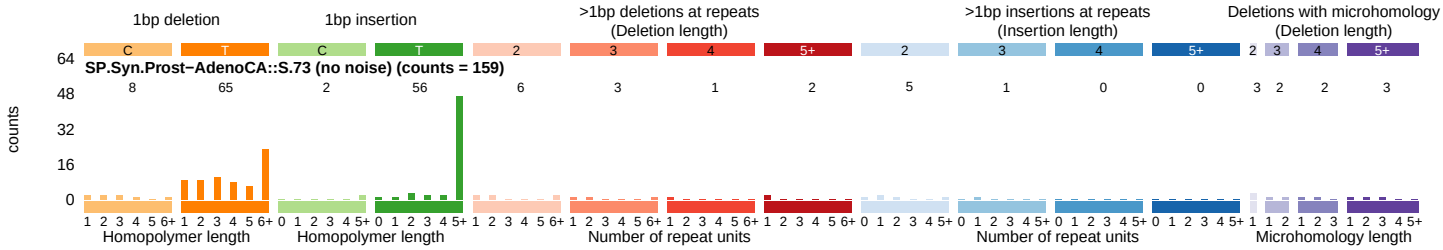

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.68 (no noise) (counts = 500)
counts
Homopolymer length
Number of repeat units
Microhomology length

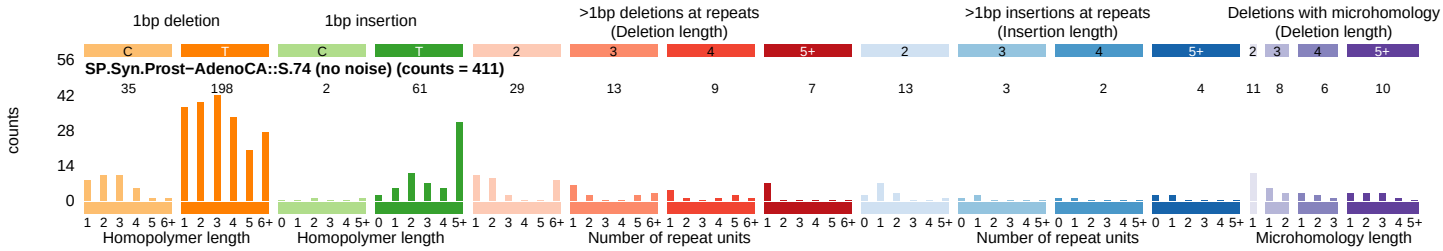

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.69 (no noise) (counts = 140)
counts
Homopolymer length
Number of repeat units
Microhomology length

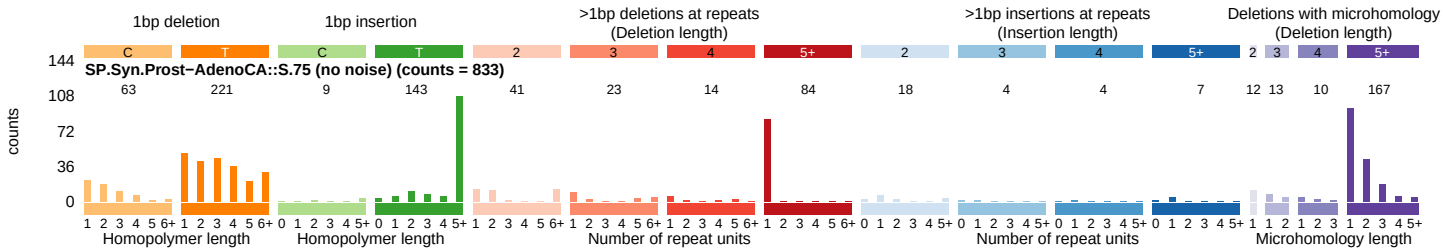

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.70 (no noise) (counts = 623)
counts
Homopolymer length
Number of repeat units
Microhomology length

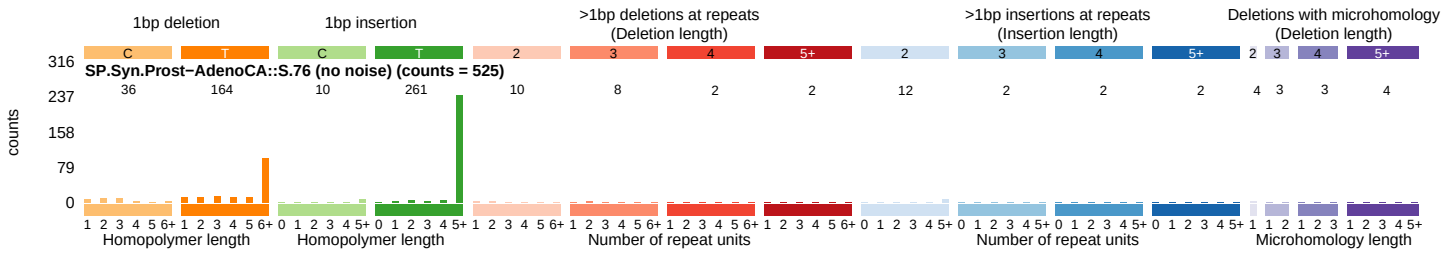

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.71 (no noise) (counts = 525)
counts
Homopolymer length
Number of repeat units
Microhomology length

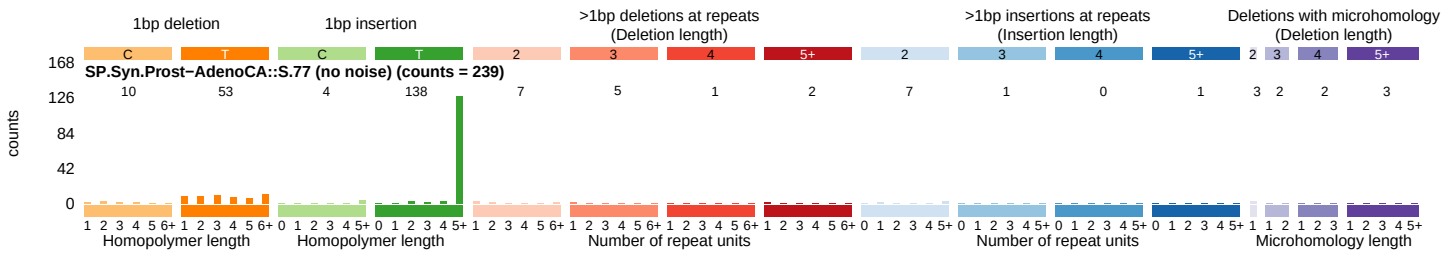

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.72 (no noise) (counts = 968)
counts
Homopolymer length
Number of repeat units
Microhomology length

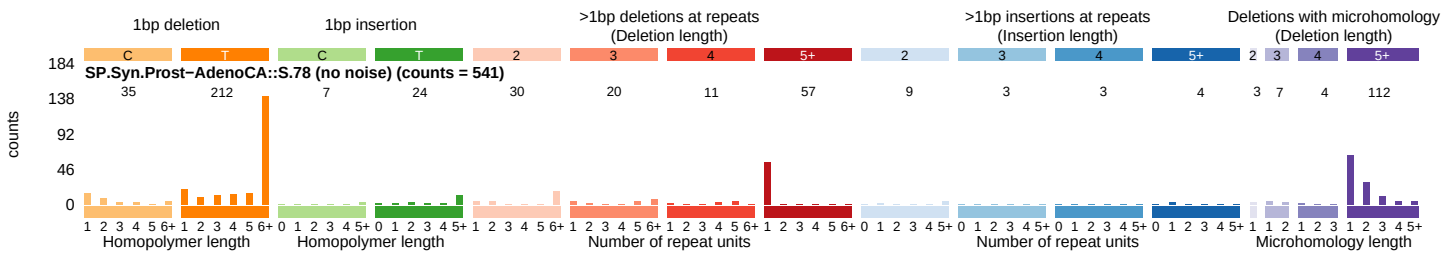

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.73 (no noise) (counts = 159)
8 65 2 56 6 3 1 2 5 1 0 0 3 2 2 3
counts
Homopolymer length
Number of repeat units
Microhomology length

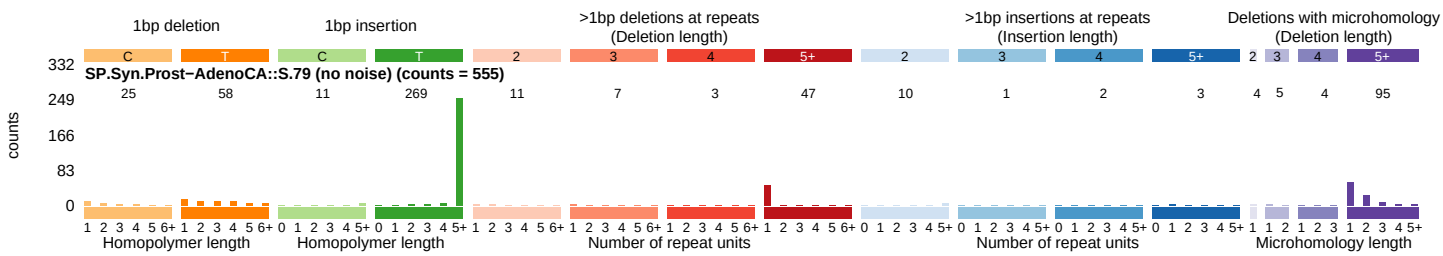

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.74 (no noise) (counts = 411)
35 198 2 61 29 13 9 7 13 3 2 4 11 8 6 10
counts
Homopolymer length
Number of repeat units
Microhomology length

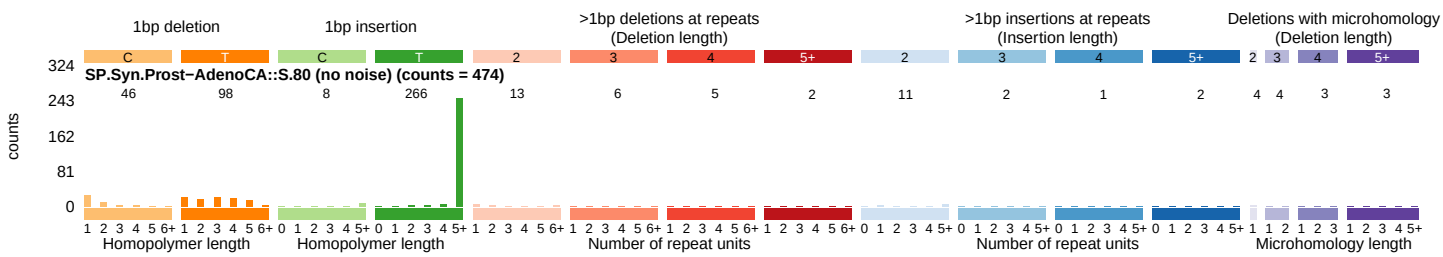

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.75 (no noise) (counts = 833)
63 221 9 143 41 23 14 84 18 4 4 7 12 13 10 167
counts
Homopolymer length
Number of repeat units
Microhomology length

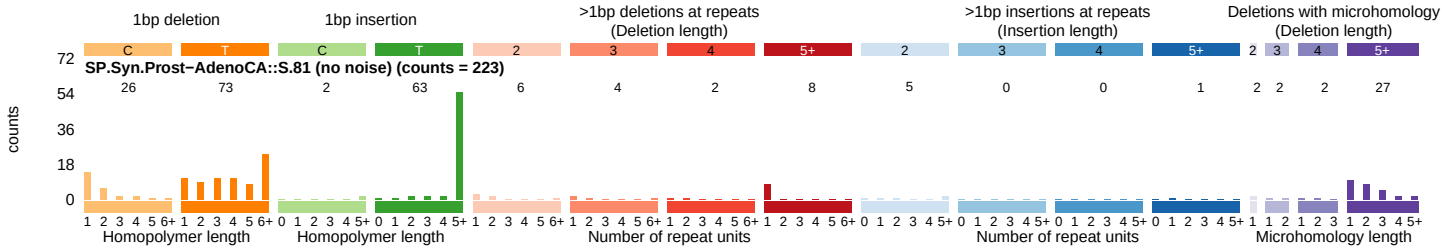

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.76 (no noise) (counts = 525)
36 164 10 261 10 8 2 2 12 2 2 2 4 3 3 4
counts
Homopolymer length
Number of repeat units
Microhomology length

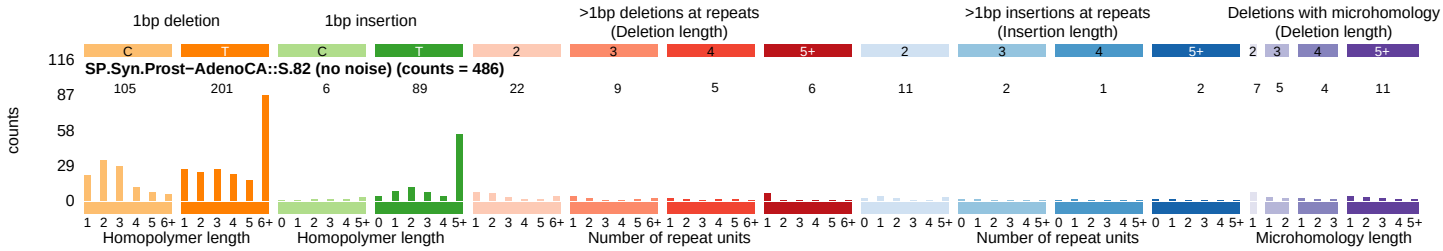

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.77 (no noise) (counts = 239)
10 53 4 138 7 5 1 2 7 1 0 1 3 2 2 3
counts
Homopolymer length
Number of repeat units
Microhomology length

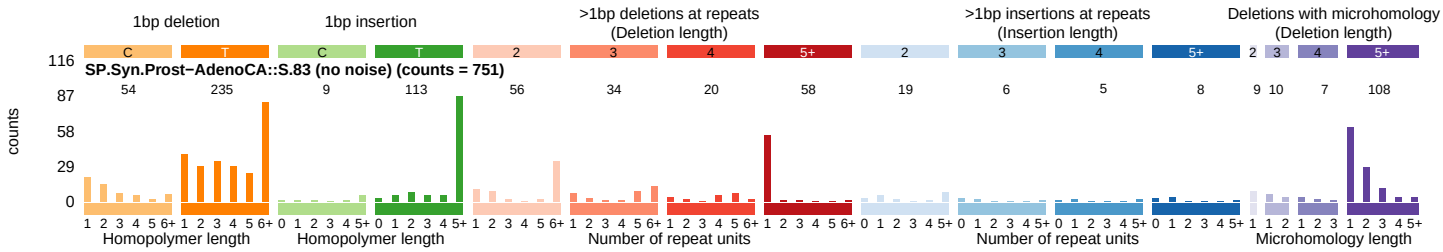

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.78 (no noise) (counts = 541)
35 212 7 24 30 20 11 57 9 3 3 4 3 7 4 112
counts
Homopolymer length
Number of repeat units
Microhomology length

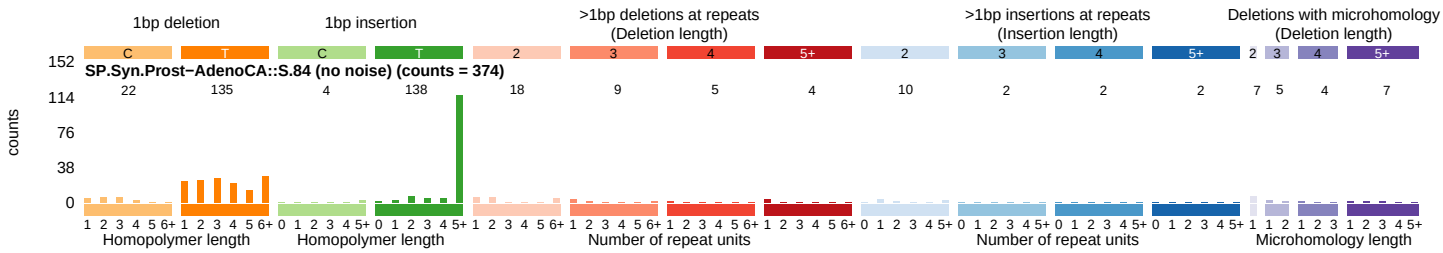

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.79 (no noise) (counts = 555)
25 58 11 269 11 7 3 47 10 1 2 3 4 5 4 95
counts
Homopolymer length
Number of repeat units
Microhomology length

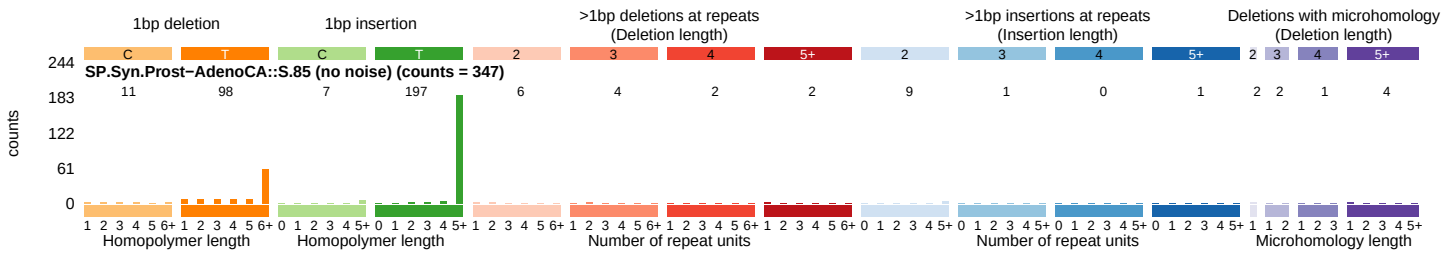

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.80 (no noise) (counts = 474)
46 98 8 266 13 6 5 2 11 2 1 2 4 4 3 3
counts
Homopolymer length
Number of repeat units
Microhomology length

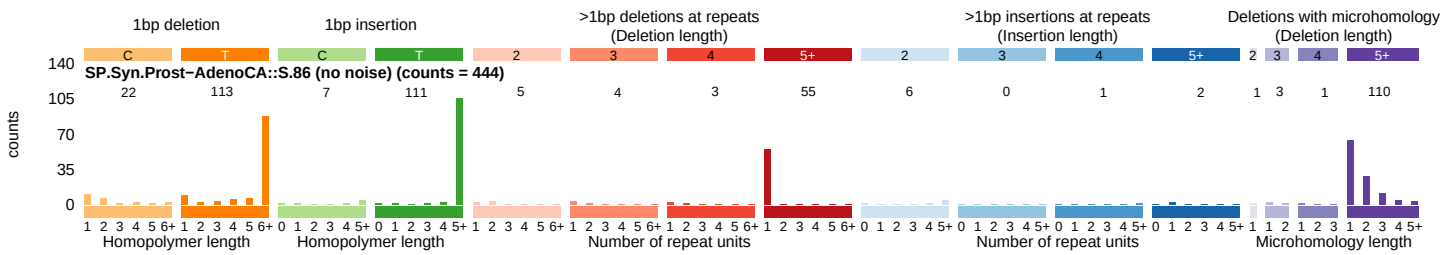

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.81 (no noise) (counts = 223)
counts
Homopolymer length
Number of repeat units
Microhomology length

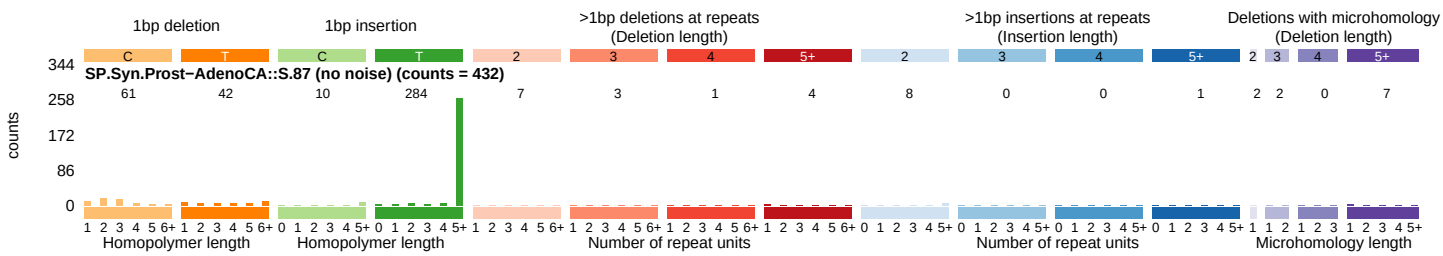

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.82 (no noise) (counts = 486)
counts
Homopolymer length
Number of repeat units
Microhomology length

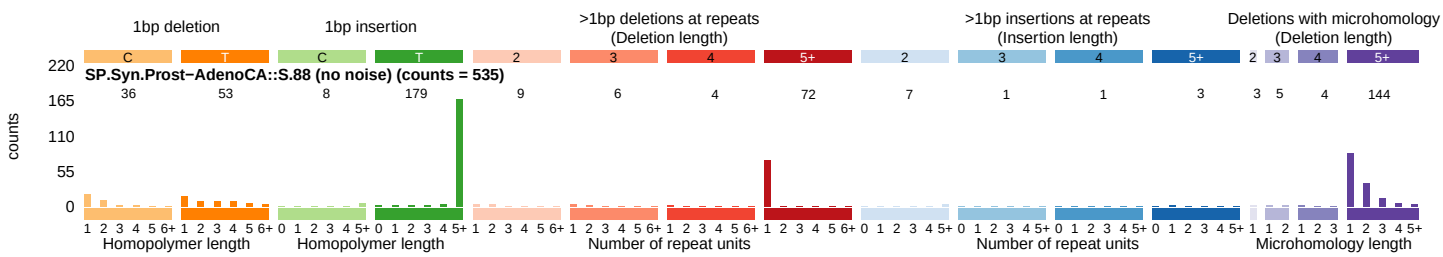

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.83 (no noise) (counts = 751)
counts
Homopolymer length
Number of repeat units
Microhomology length

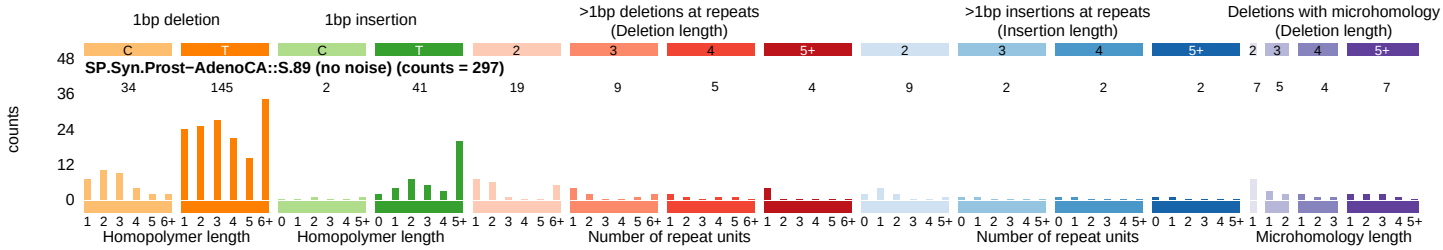

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.84 (no noise) (counts = 374)
counts
Homopolymer length
Number of repeat units
Microhomology length

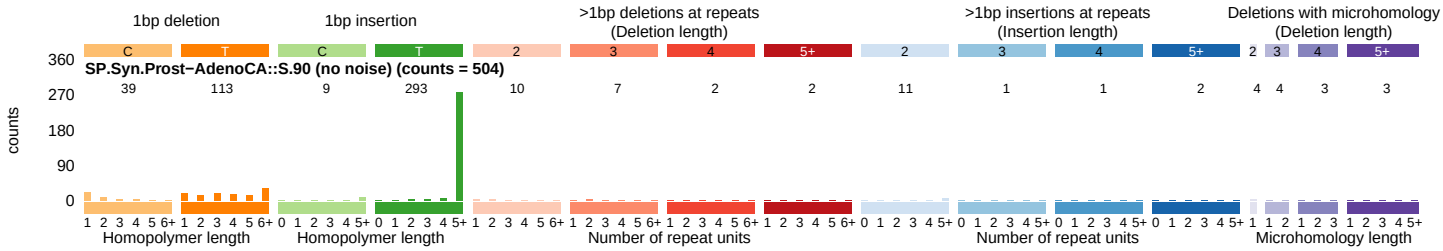

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.85 (no noise) (counts = 347)
counts
Homopolymer length
Number of repeat units
Microhomology length

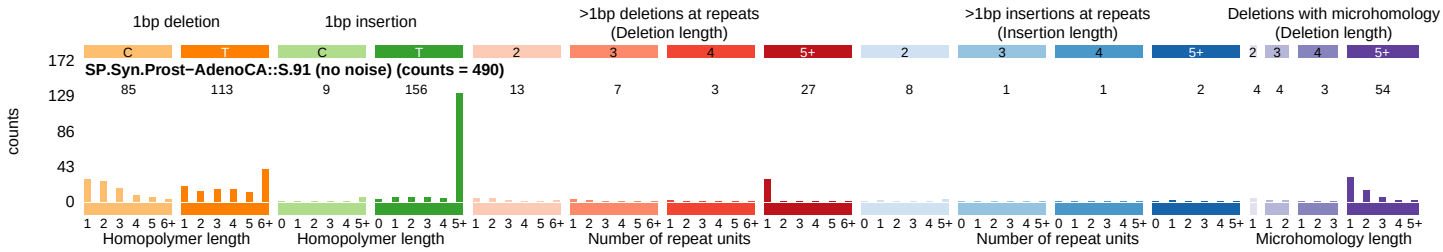

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.86 (no noise) (counts = 444)
counts
Homopolymer length
Number of repeat units
Microhomology length

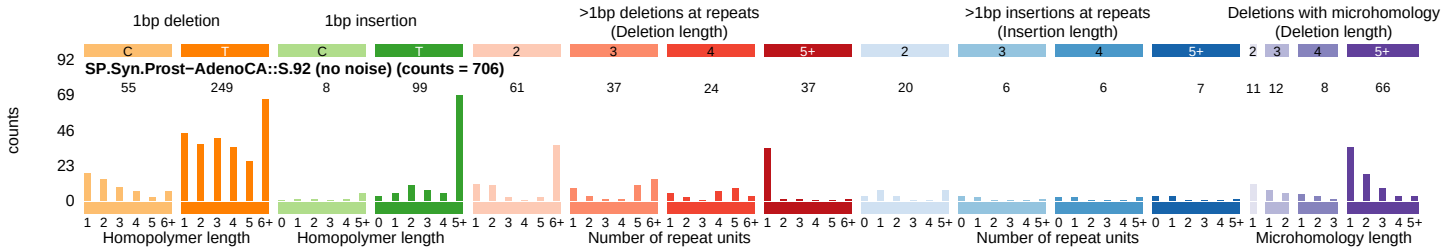

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.87 (no noise) (counts = 432)
counts
Homopolymer length
Number of repeat units
Microhomology length

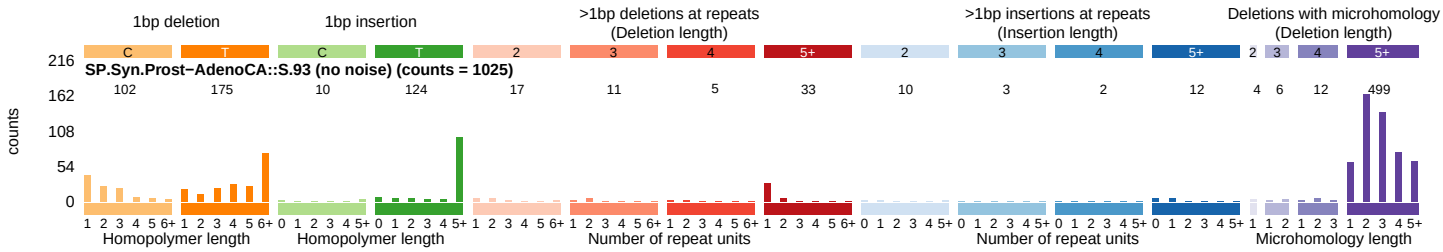

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.88 (no noise) (counts = 535)
counts
Homopolymer length
Number of repeat units
Microhomology length

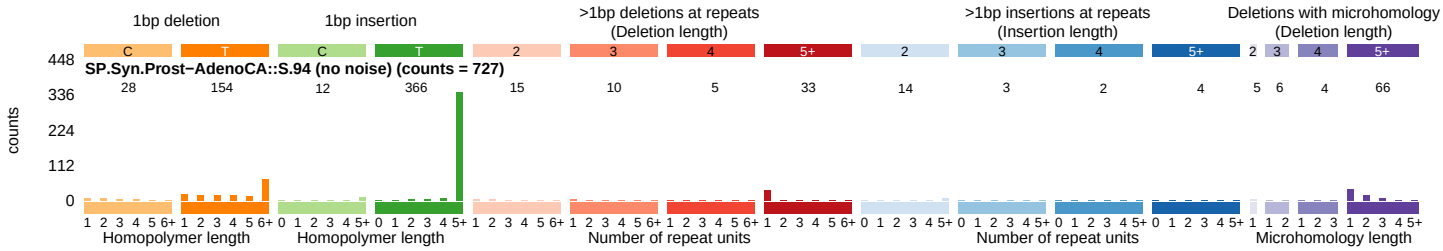

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.89 (no noise) (counts = 297)
counts
Homopolymer length
Number of repeat units
Microhomology length

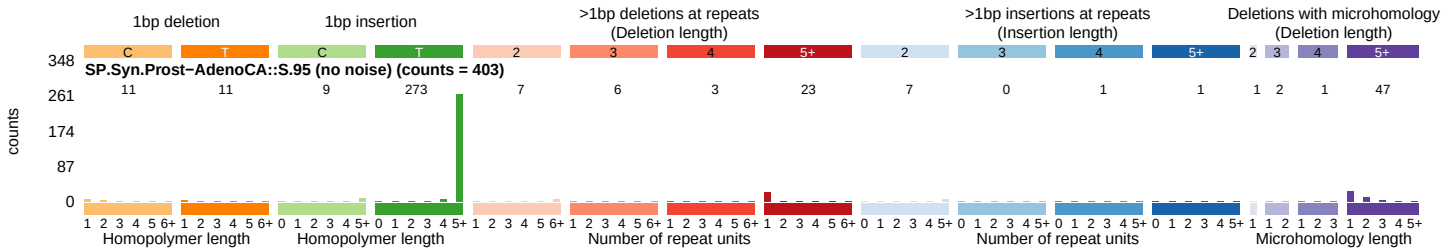

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.90 (no noise) (counts = 504)
counts
Homopolymer length
Number of repeat units
Microhomology length

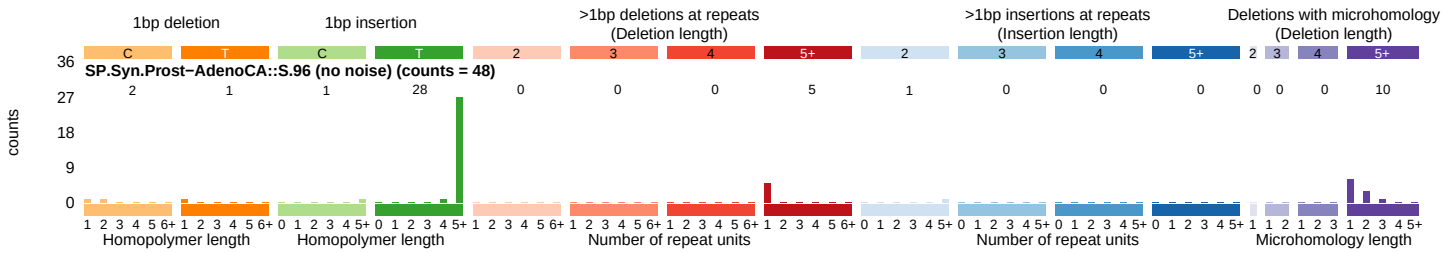

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.91 (no noise) (counts = 490)
counts
Homopolymer length
Number of repeat units
Microhomology length

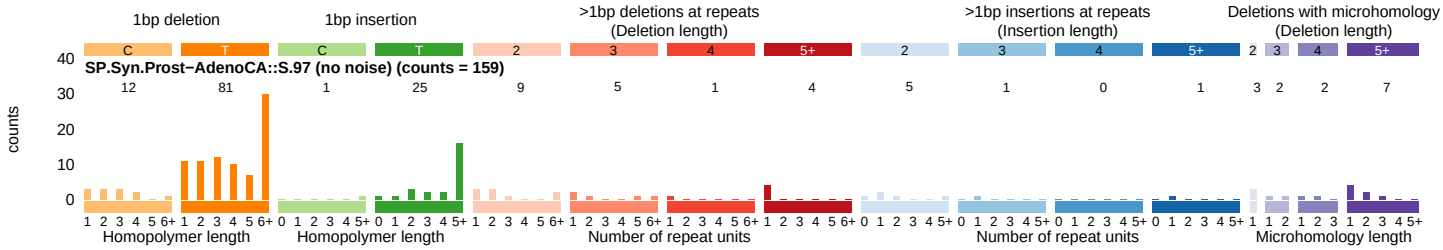

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.92 (no noise) (counts = 706)
counts
Homopolymer length
Number of repeat units
Microhomology length

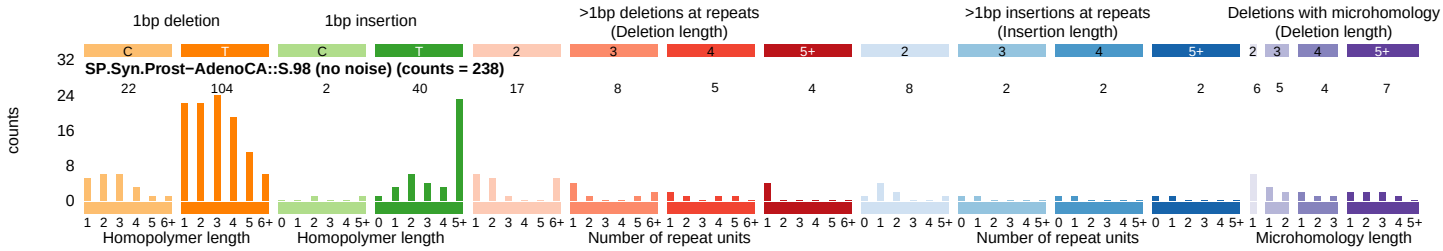

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.93 (no noise) (counts = 1025)
counts
Homopolymer length
Number of repeat units
Microhomology length

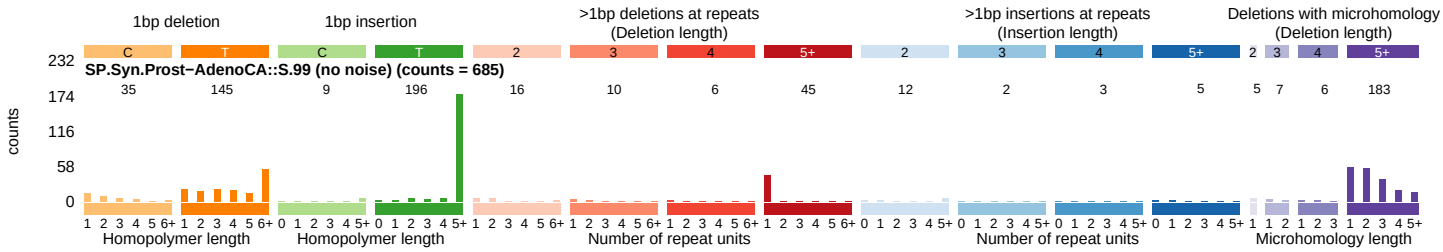

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.94 (no noise) (counts = 727)
counts
Homopolymer length
Number of repeat units
Microhomology length

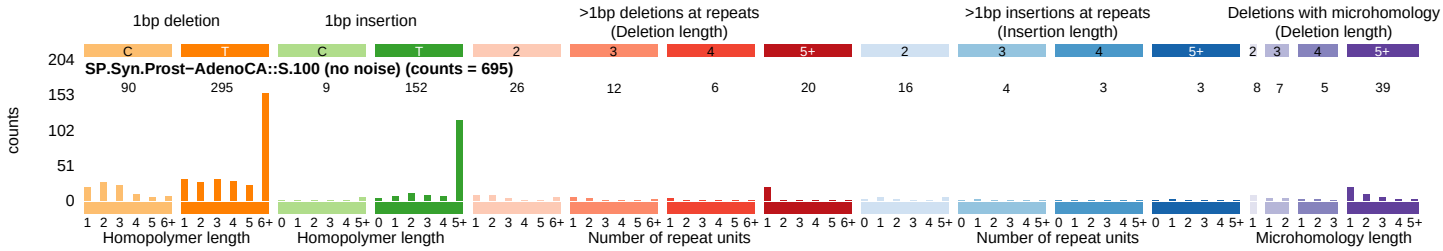

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.95 (no noise) (counts = 403)
counts
Homopolymer length
Number of repeat units
Microhomology length

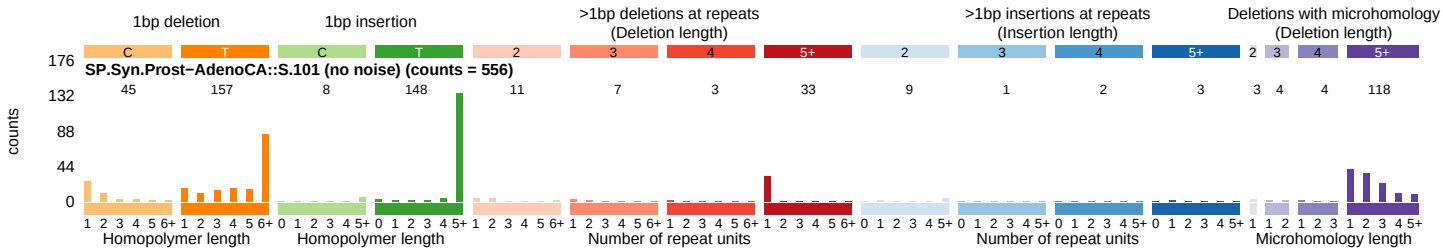

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.96 (no noise) (counts = 48)
counts
Homopolymer length
Number of repeat units
Microhomology length

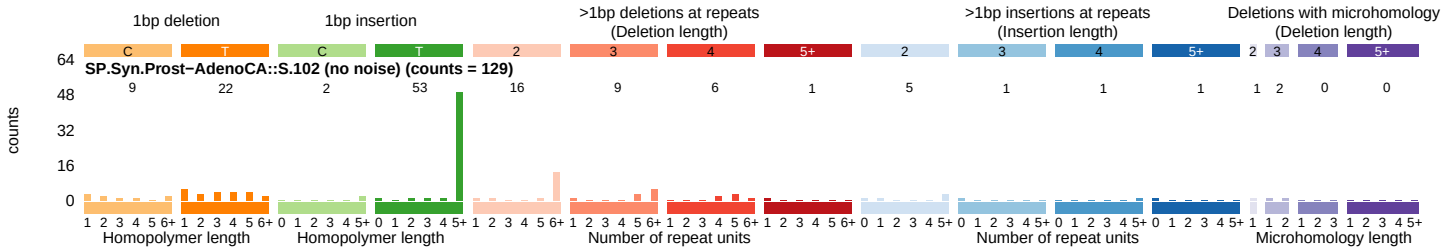

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.97 (no noise) (counts = 159)
counts
Homopolymer length
Number of repeat units
Microhomology length

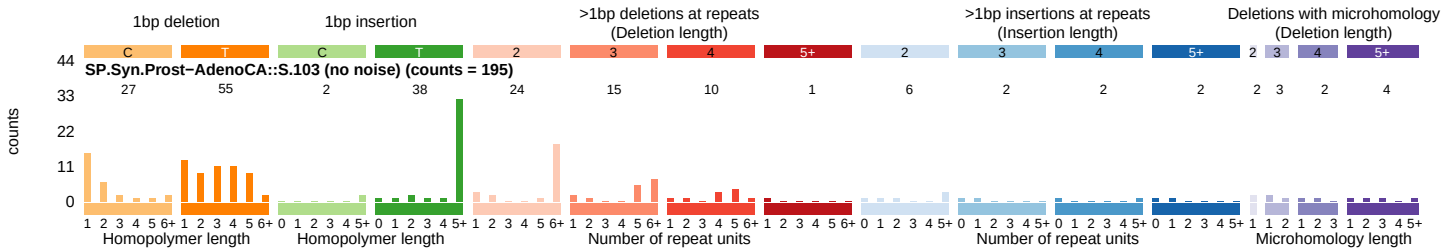

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.98 (no noise) (counts = 238)
counts
Homopolymer length
Number of repeat units
Microhomology length

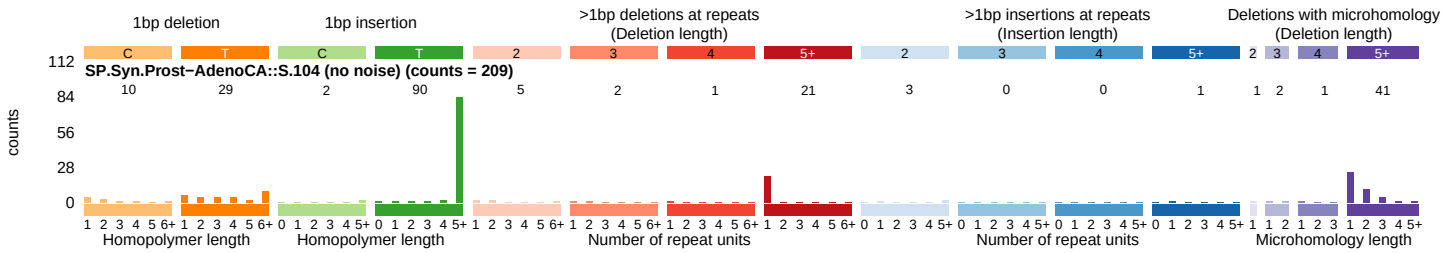

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.99 (no noise) (counts = 685)
counts
Homopolymer length
Number of repeat units
Microhomology length

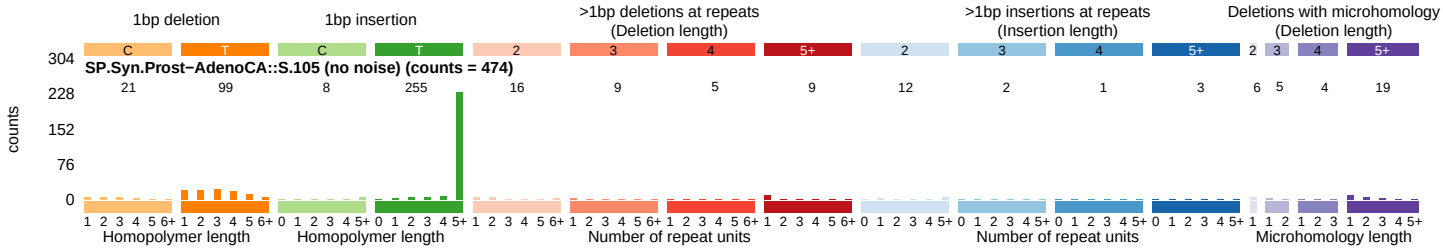

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.100 (no noise) (counts = 695)
counts
Homopolymer length
Number of repeat units
Microhomology length

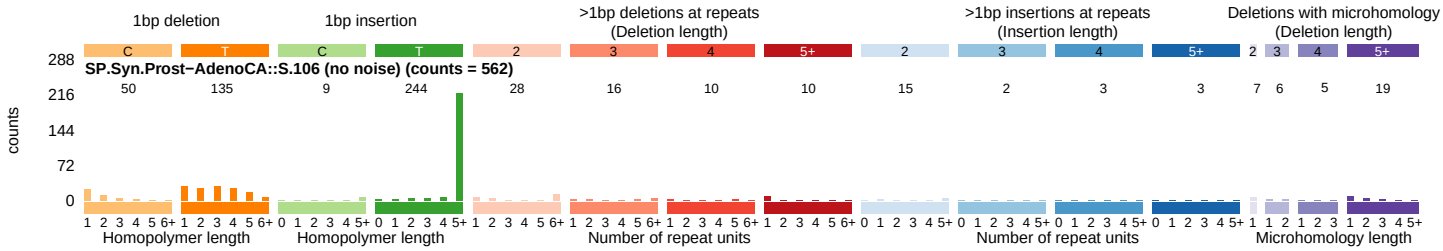

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.101 (no noise) (counts = 556)
counts
Homopolymer length
Number of repeat units
Microhomology length

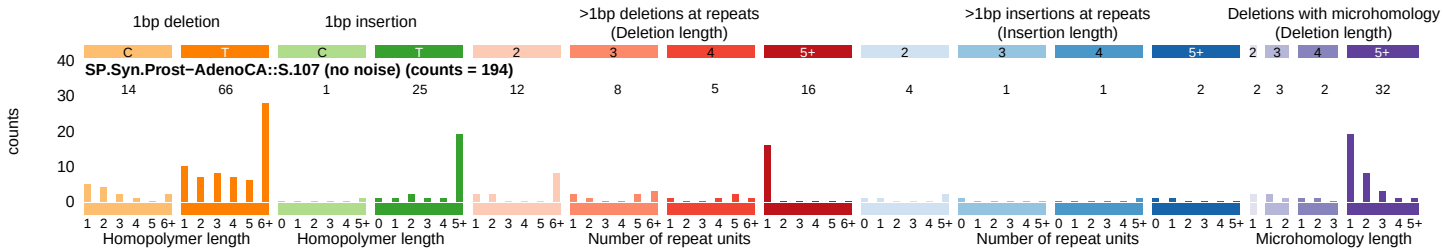

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.102 (no noise) (counts = 129)
counts
Homopolymer length
Number of repeat units
Microhomology length

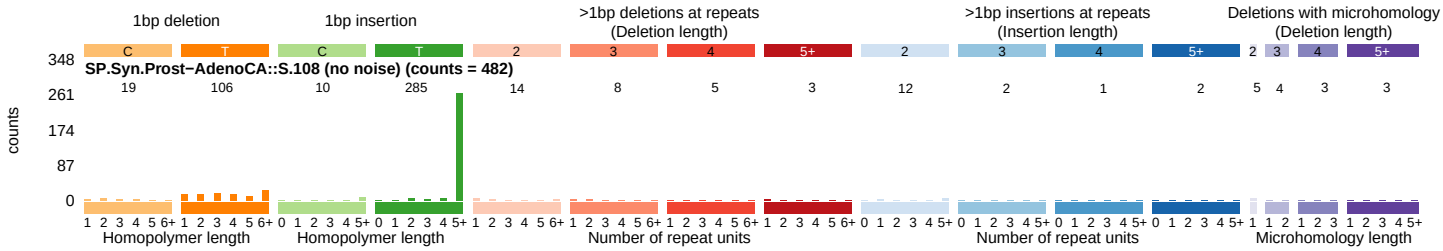

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.103 (no noise) (counts = 195)
counts
Homopolymer length
Number of repeat units
Microhomology length

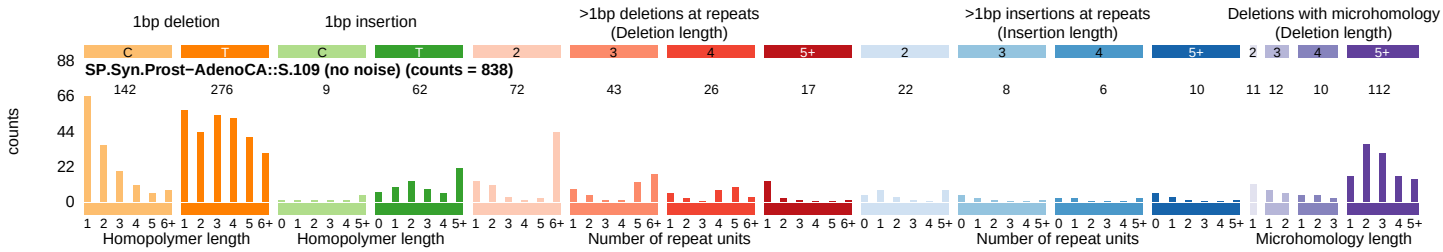

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.104 (no noise) (counts = 209)
counts
Homopolymer length
Number of repeat units
Microhomology length

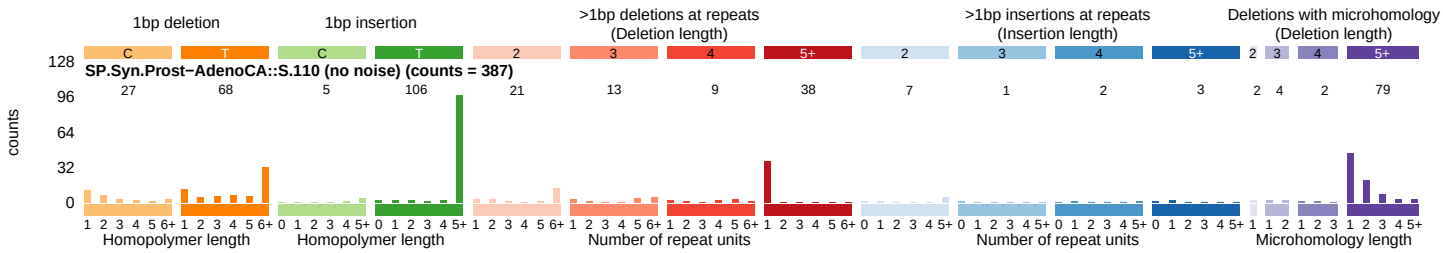

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.105 (no noise) (counts = 474)
counts
Homopolymer length
Number of repeat units
Microhomology length

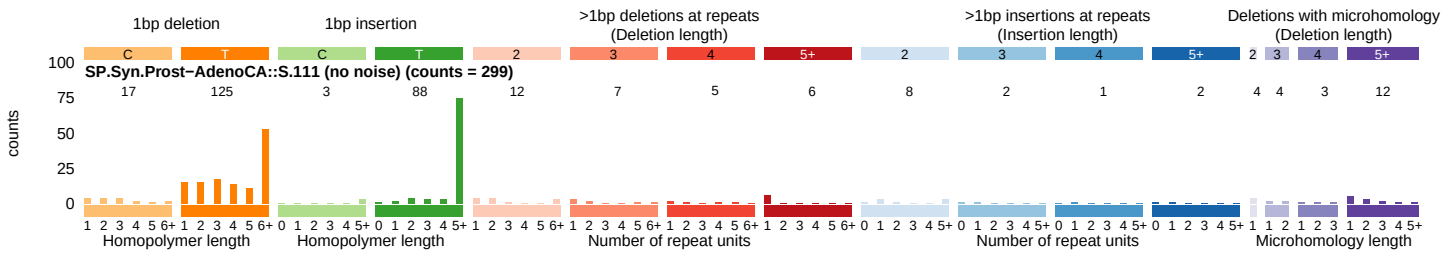

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.106 (no noise) (counts = 562)
counts
Homopolymer length
Number of repeat units
Microhomology length

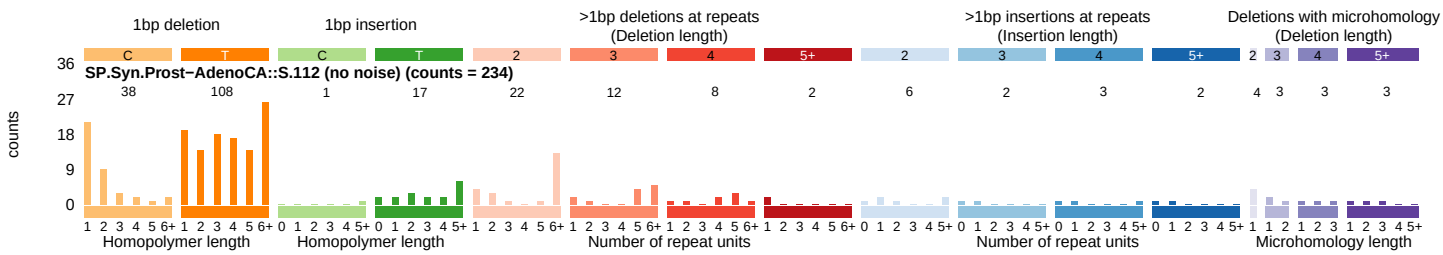

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.107 (no noise) (counts = 194)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.108 (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.Prost−AdenoCA::S.109 (no noise) (counts = 838)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.110 (no noise) (counts = 387)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.111 (no noise) (counts = 299)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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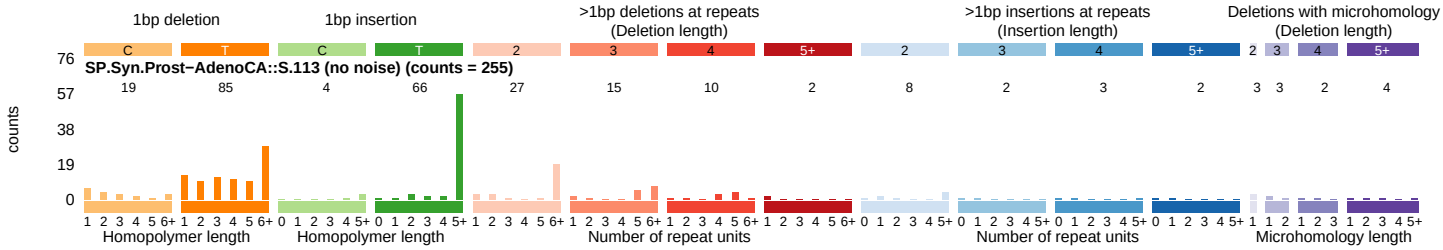
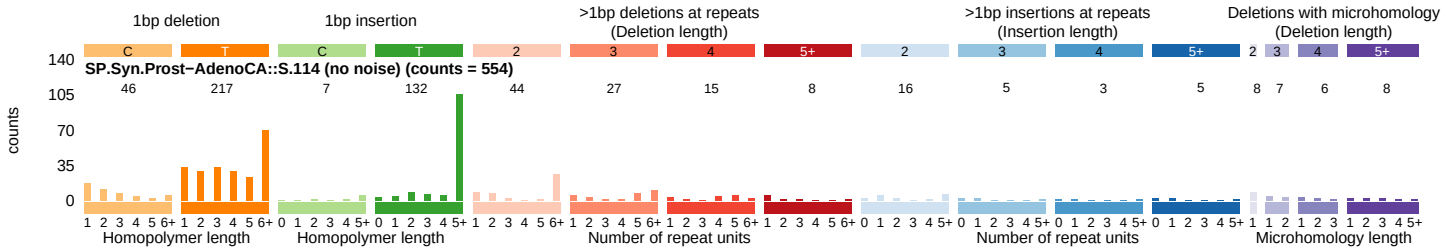
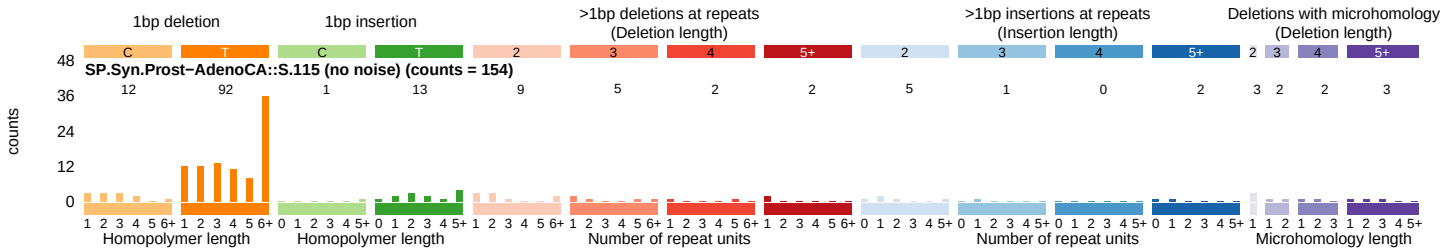
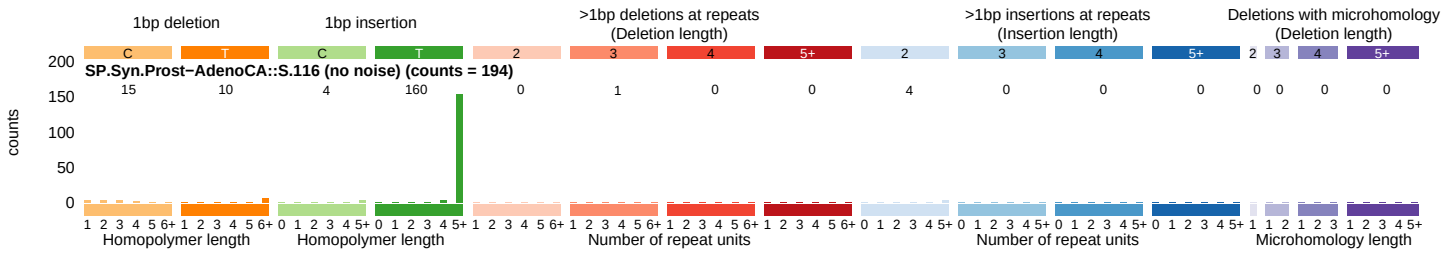
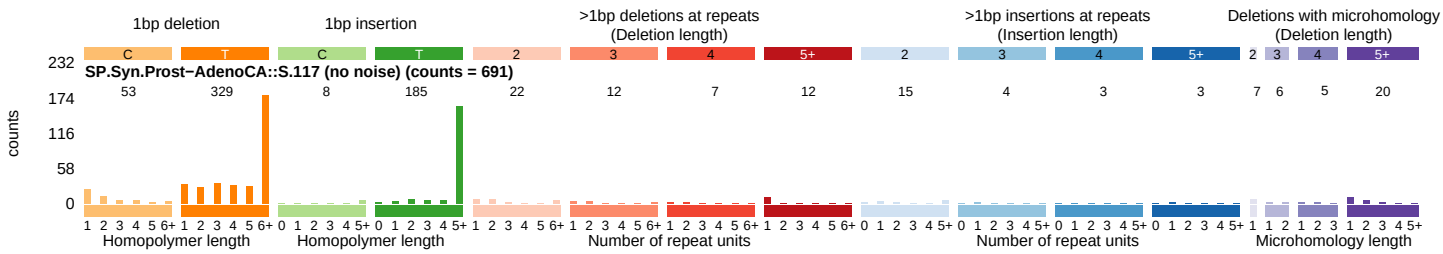
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.112 (no noise) (counts = 234)
counts
Homopolymer length
Number of repeat units
Microhomology length

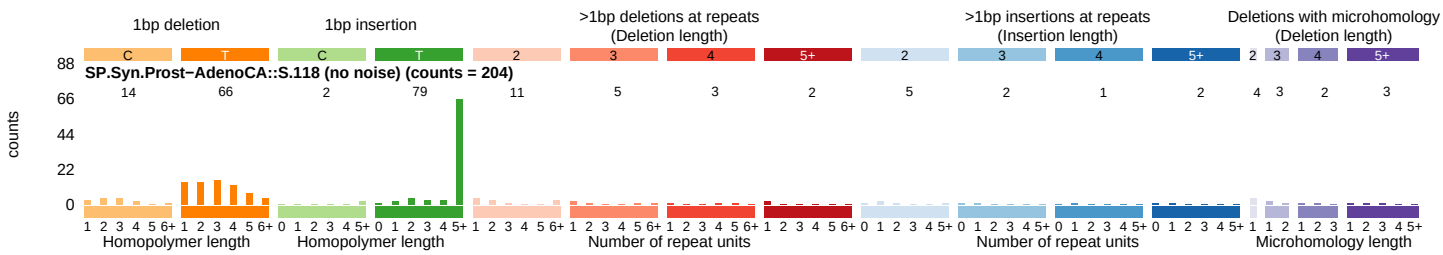

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.113 (no noise) (counts = 255)
counts
Homopolymer length
Number of repeat units
Microhomology length

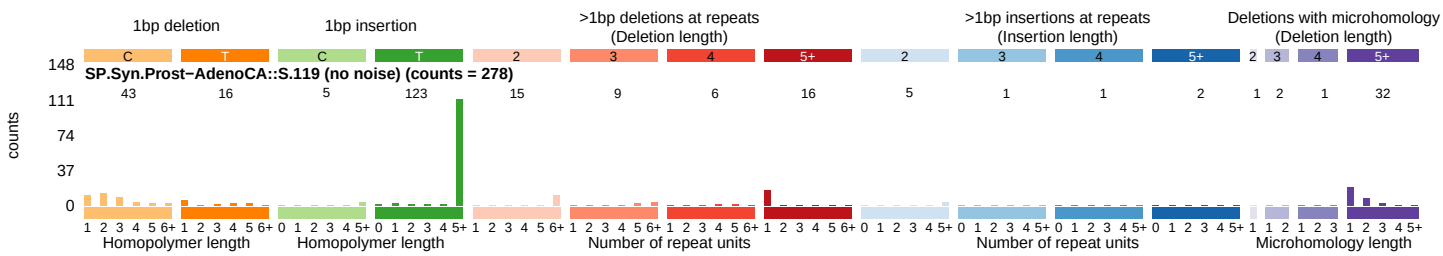

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.114 (no noise) (counts = 554)
counts
Homopolymer length
Number of repeat units
Microhomology length

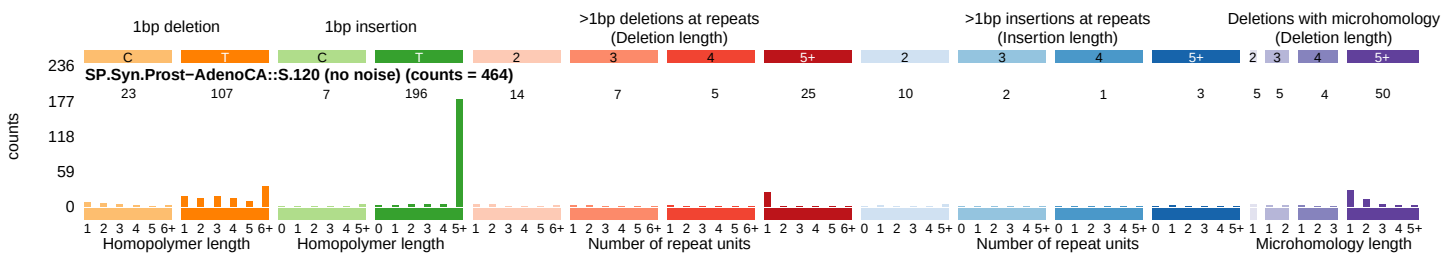

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.115 (no noise) (counts = 154)
counts
Homopolymer length
Number of repeat units
Microhomology length

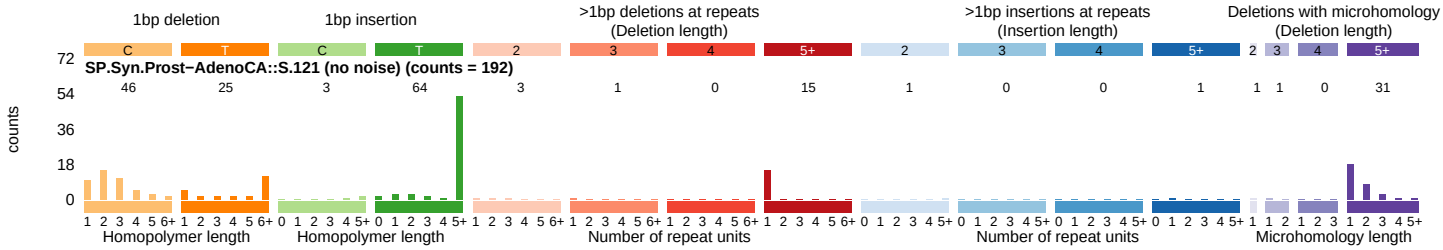

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.116 (no noise) (counts = 194)
counts
Homopolymer length
Number of repeat units
Microhomology length

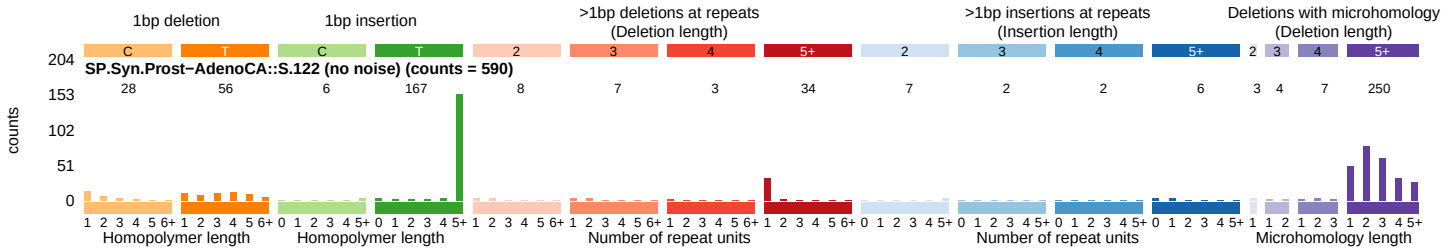

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.117 (no noise) (counts = 691)
counts
Homopolymer length
Number of repeat units
Microhomology length

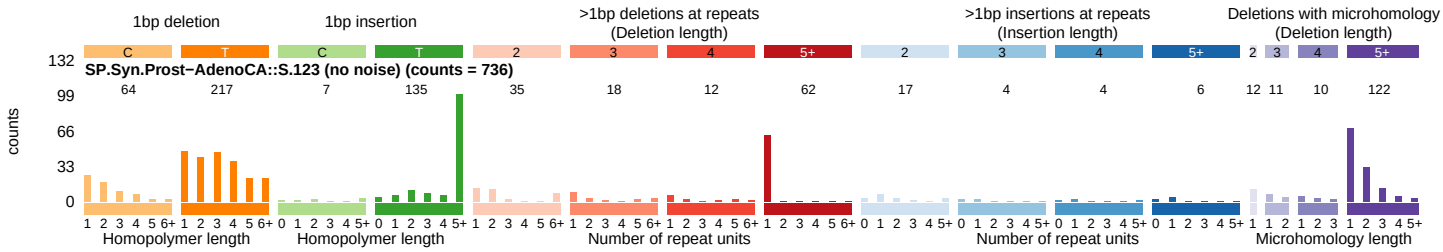

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.118 (no noise) (counts = 204)
counts
Homopolymer length
Number of repeat units
Microhomology length

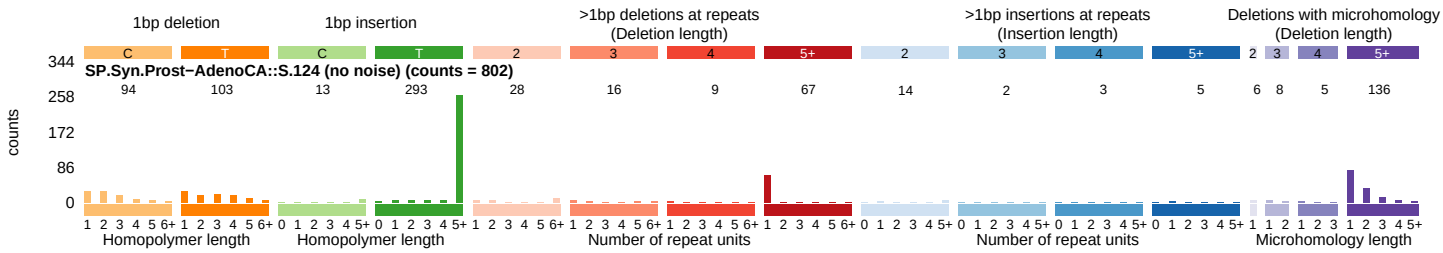

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.119 (no noise) (counts = 278)
counts
Homopolymer length
Number of repeat units
Microhomology length

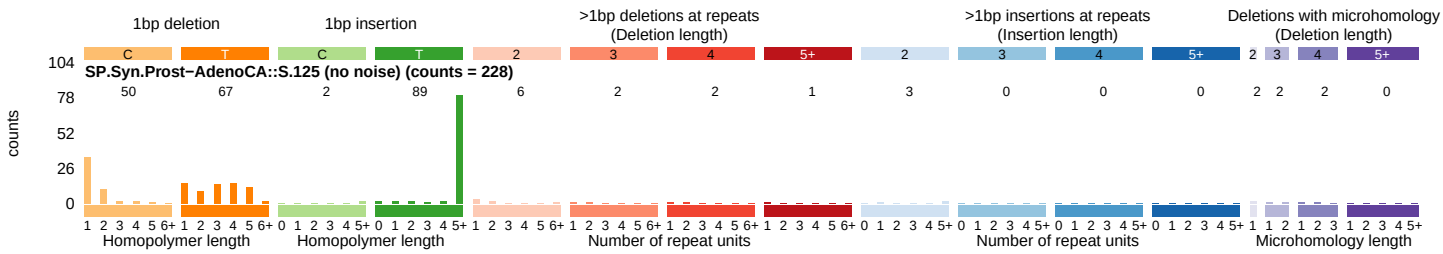

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.120 (no noise) (counts = 464)
counts
Homopolymer length
Number of repeat units
Microhomology length

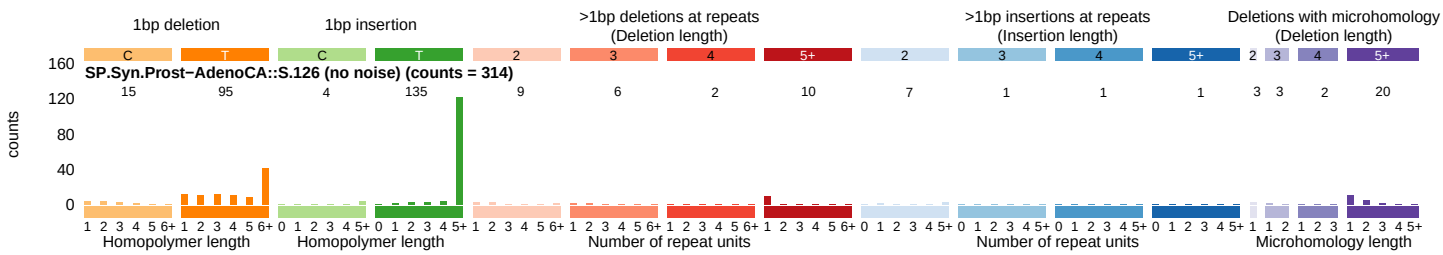

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.121 (no noise) (counts = 192)
counts
Homopolymer length
Number of repeat units
Microhomology length

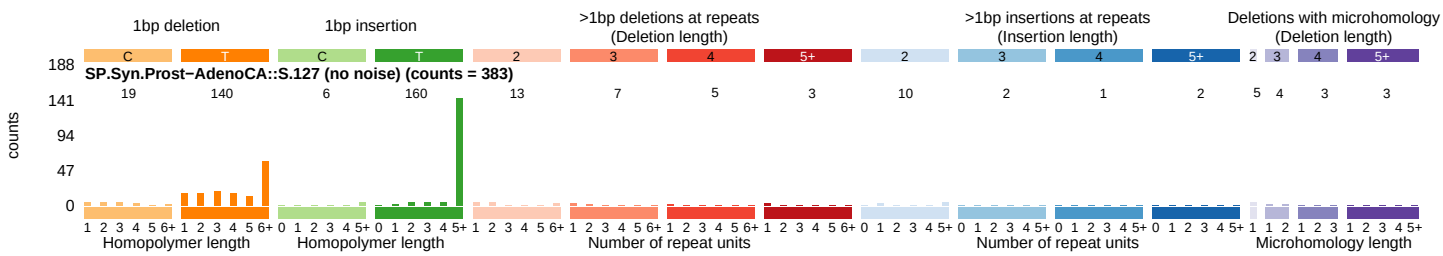

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.122 (no noise) (counts = 590)
counts
Homopolymer length
Number of repeat units
Microhomology length

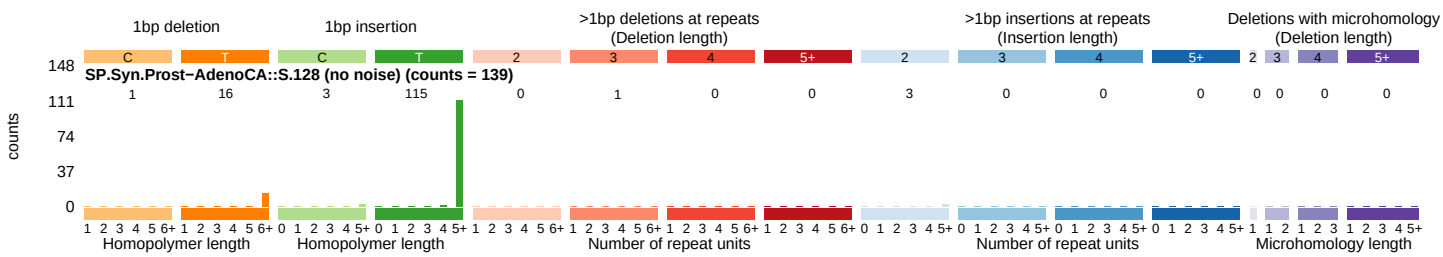

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.123 (no noise) (counts = 736)
counts
Homopolymer length
Number of repeat units
Microhomology length

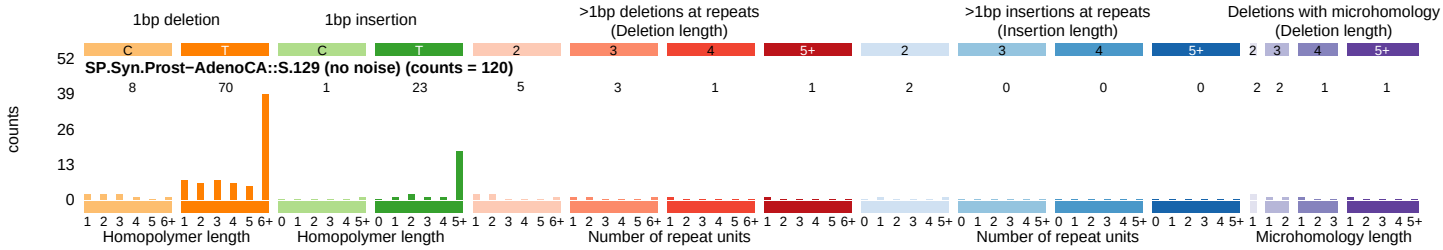

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.124 (no noise) (counts = 802)
counts
Homopolymer length
Number of repeat units
Microhomology length

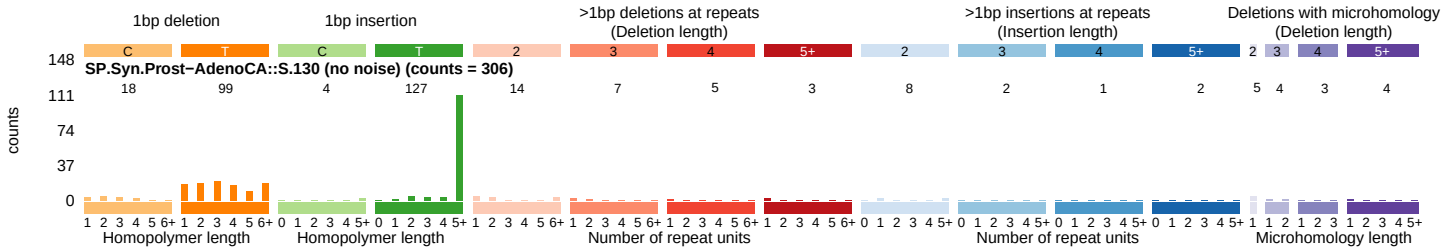

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.125 (no noise) (counts = 228)
counts
Homopolymer length
Number of repeat units
Microhomology length

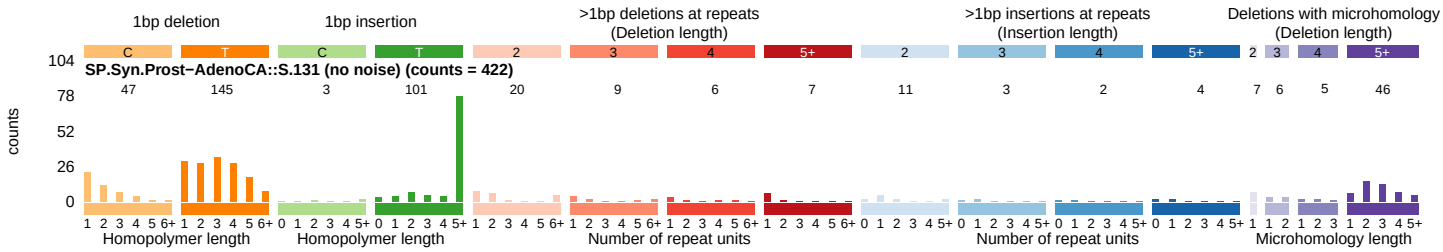

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.126 (no noise) (counts = 314)
counts
Homopolymer length
Number of repeat units
Microhomology length

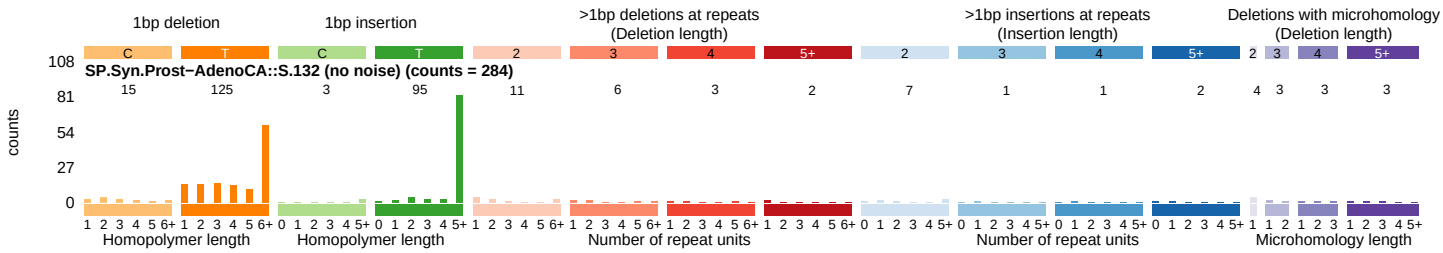

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.127 (no noise) (counts = 383)
counts
Homopolymer length
Number of repeat units
Microhomology length

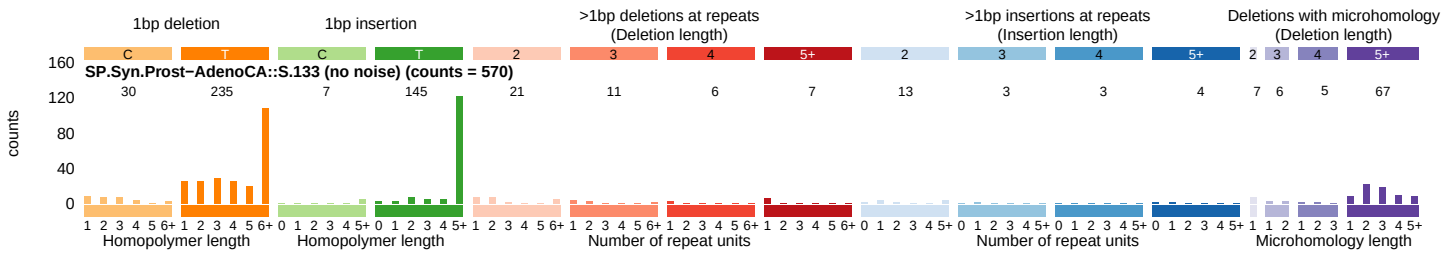

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.128 (no noise) (counts = 139)
counts
Homopolymer length
Number of repeat units
Microhomology length

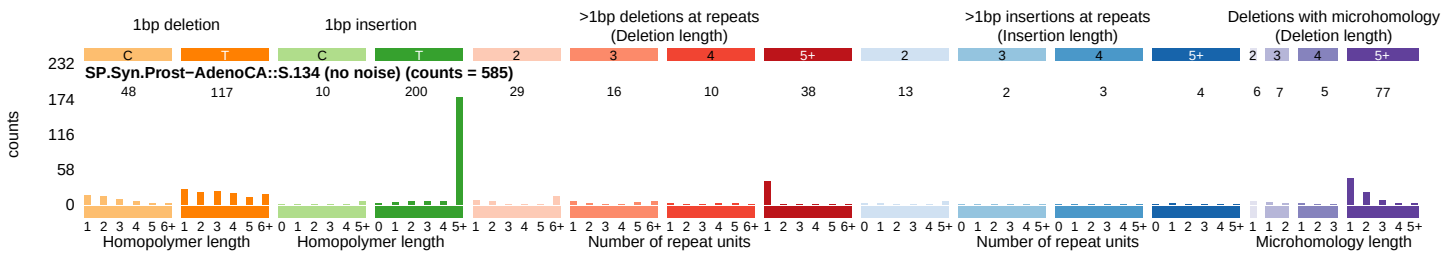

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.129 (no noise) (counts = 120)
counts
Homopolymer length
Number of repeat units
Microhomology length

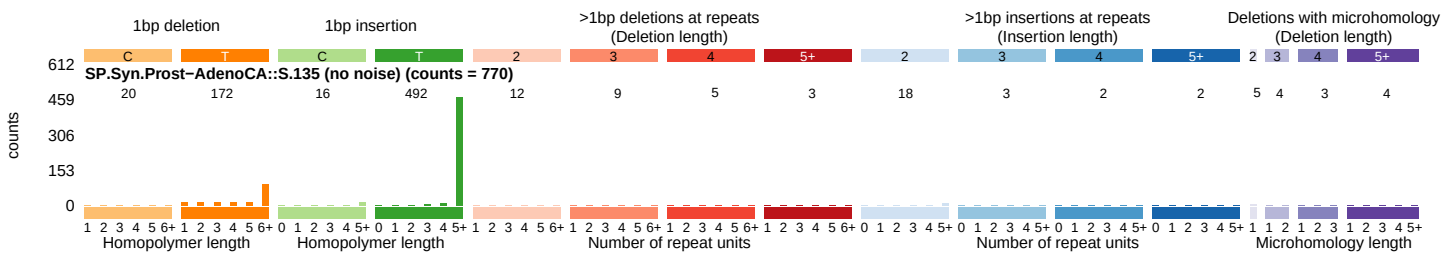

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.130 (no noise) (counts = 306)
counts
Homopolymer length
Number of repeat units
Microhomology length

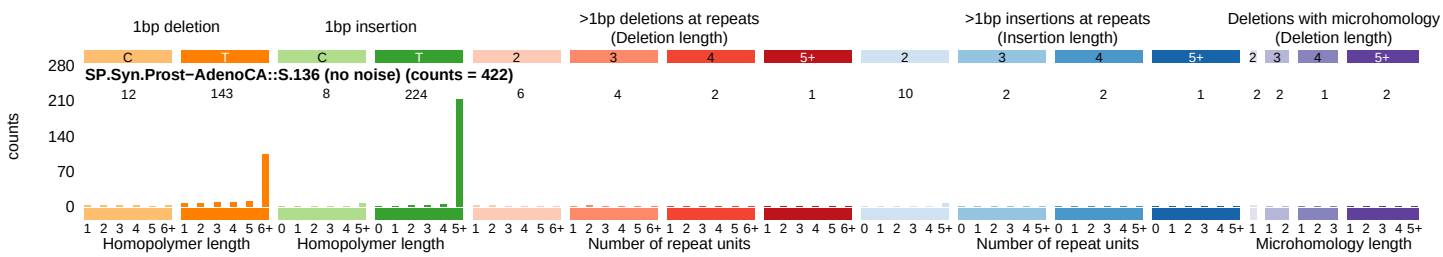

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.131 (no noise) (counts = 422)
counts
Homopolymer length
Number of repeat units
Microhomology length

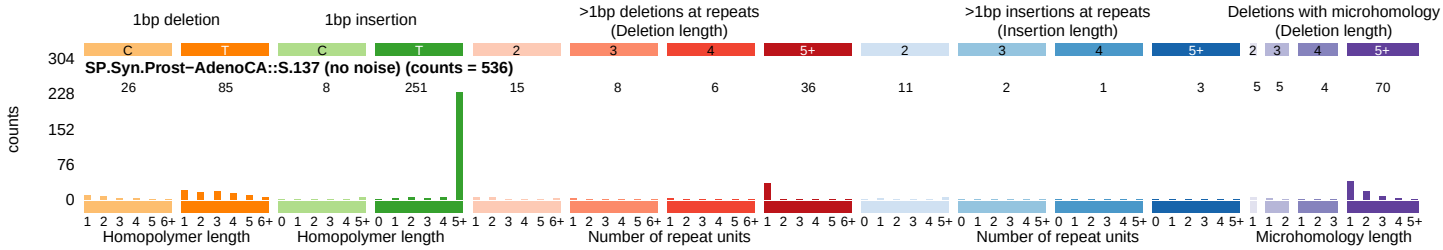

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.132 (no noise) (counts = 284)
counts
Homopolymer length
Number of repeat units
Microhomology length

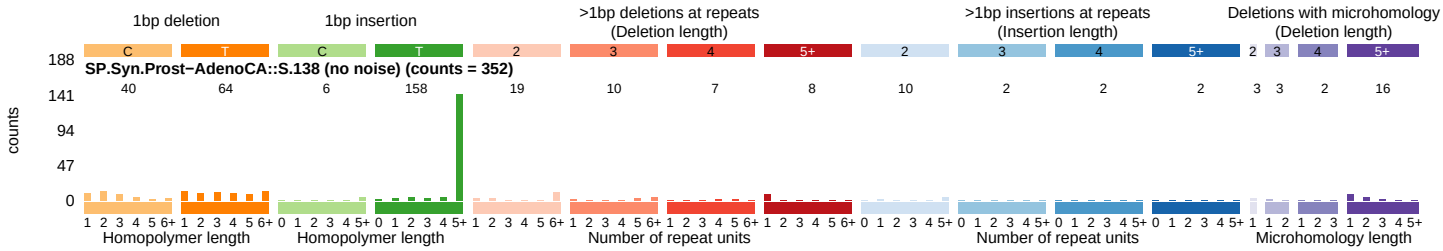

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.133 (no noise) (counts = 570)
counts
Homopolymer length
Number of repeat units
Microhomology length

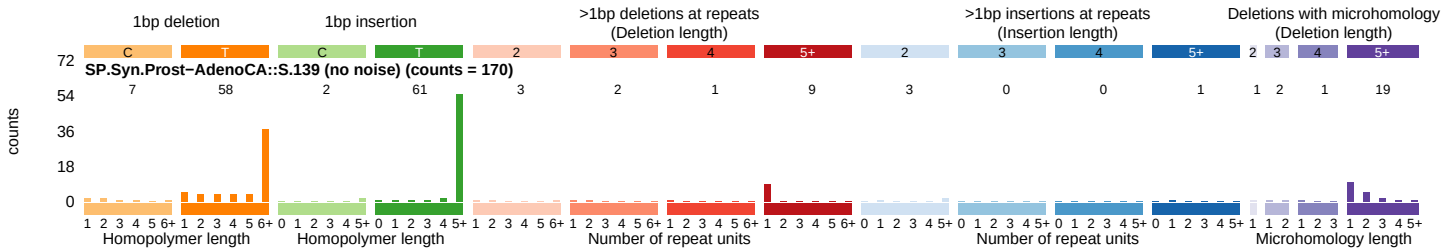

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.134 (no noise) (counts = 585)
counts
Homopolymer length
Number of repeat units
Microhomology length

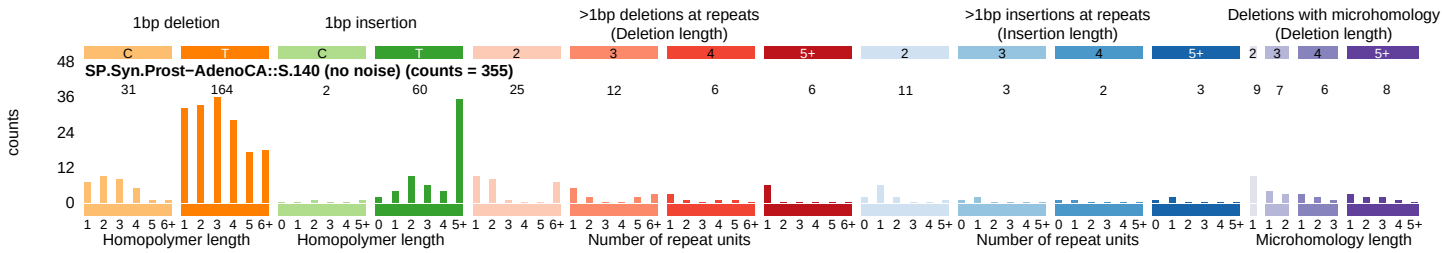

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.135 (no noise) (counts = 770)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.136 (no noise) (counts = 422)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.137 (no noise) (counts = 536)
26 85 8 251 15 8 6 36 11 2 1 3 5 5 4 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.Prost−AdenoCA::S.138 (no noise) (counts = 352)
40 64 6 158 19 10 7 8 10 2 2 2 3 3 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.Prost−AdenoCA::S.139 (no noise) (counts = 170)
7 58 2 61 3 2 1 9 3 0 0 1 1 2 1 19
counts
Homopolymer length
Number of repeat units
Microhomology length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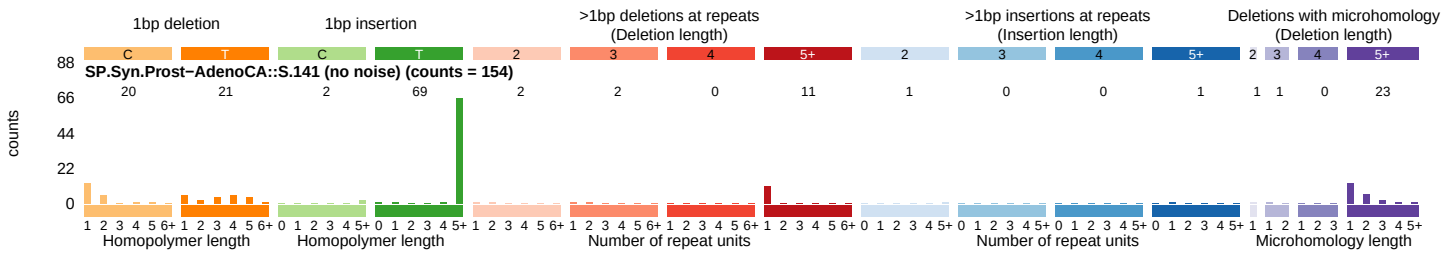
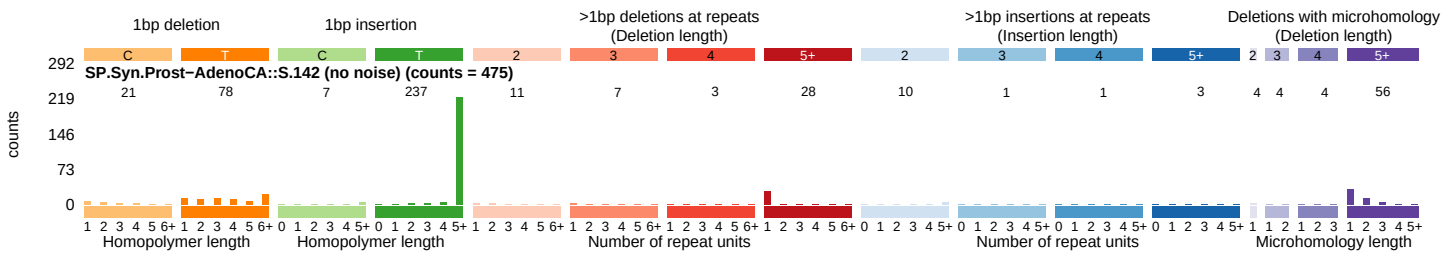
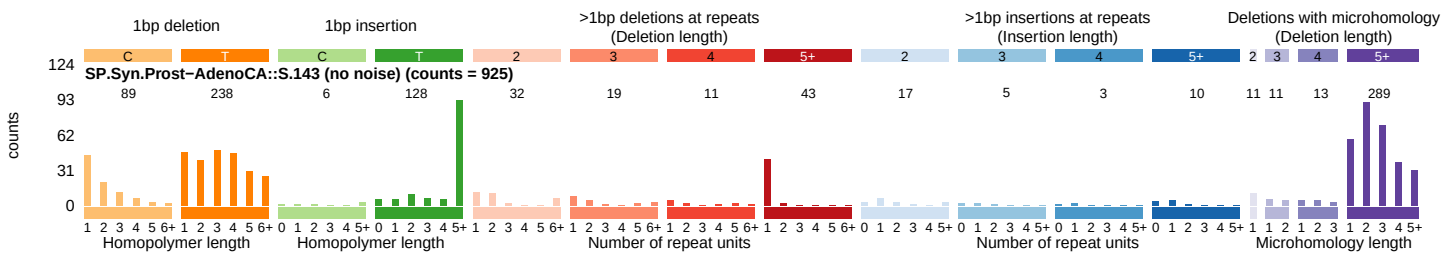
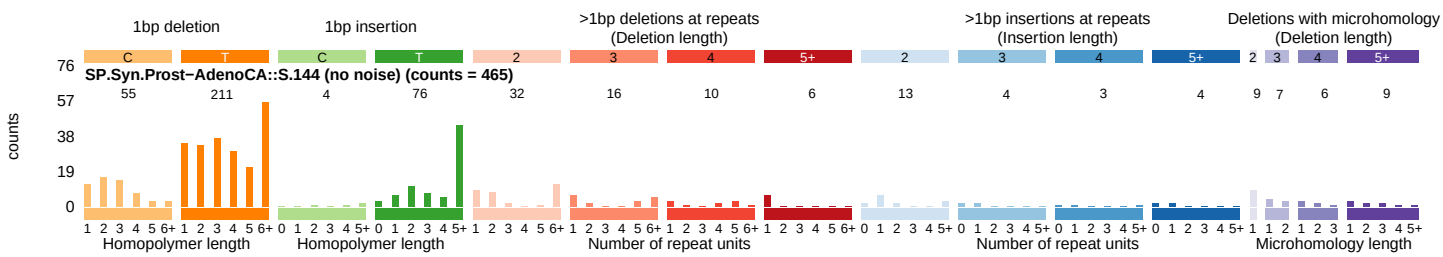
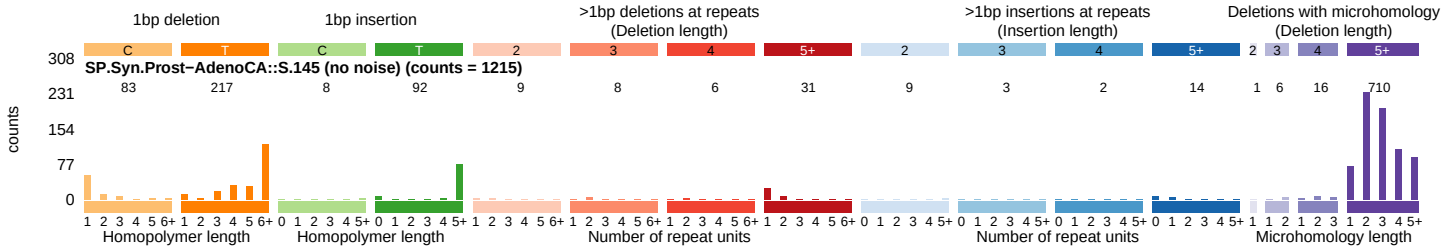
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.140 (no noise) (counts = 355)
31 164 2 60 25 12 6 6 11 3 2 3 9 7 6 8
counts
Homopolymer length
Number of repeat units
Microhomology length

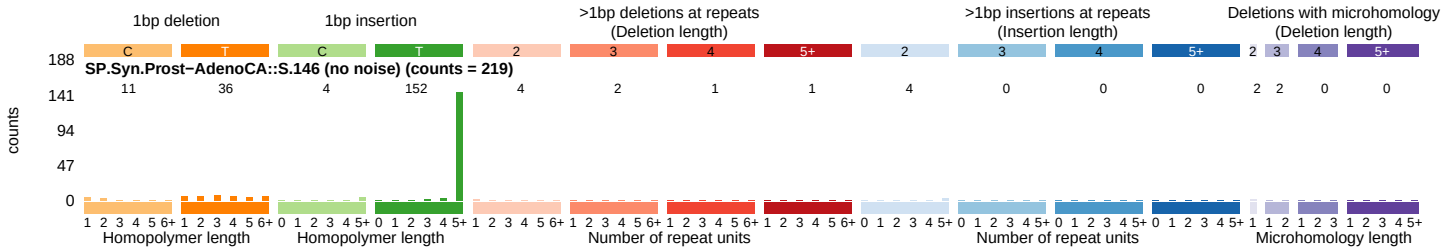

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.141 (no noise) (counts = 154)
20 21 2 69 2 2 0 11 1 0 0 1 1 1 0 23
counts
Homopolymer length
Number of repeat units
Microhomology length

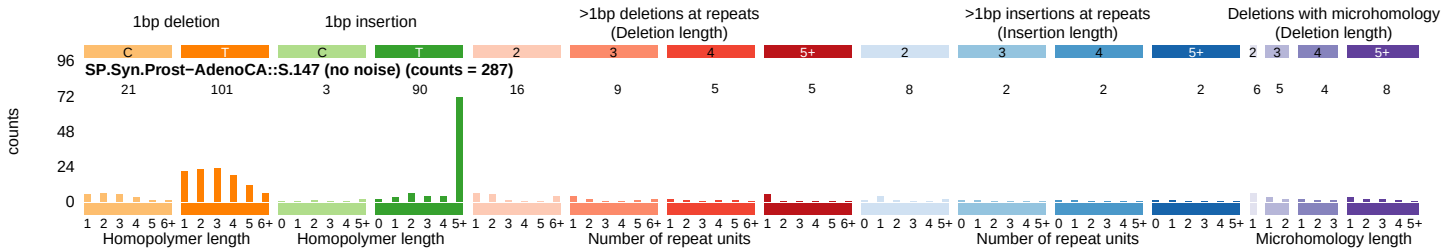

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.142 (no noise) (counts = 475)
21 78 7 237 11 7 3 28 10 1 1 3 4 4 4 56
counts
Homopolymer length
Number of repeat units
Microhomology length

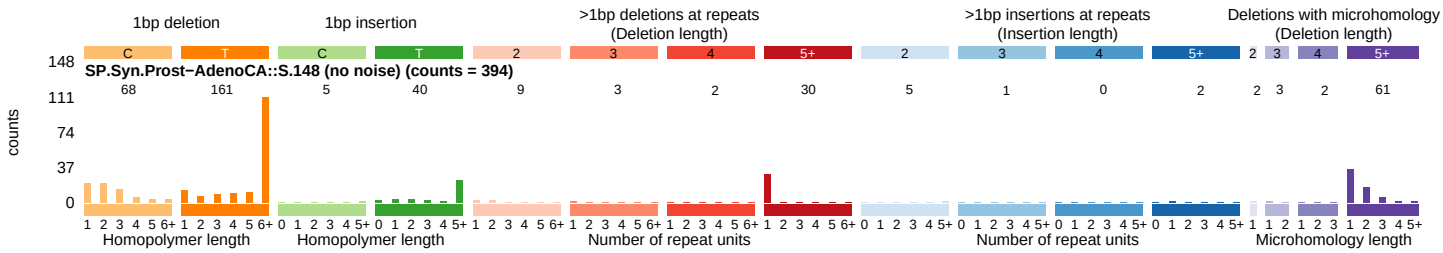

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.143 (no noise) (counts = 925)
89 238 6 128 32 19 11 43 17 5 3 10 11 11 13 289
counts
Homopolymer length
Number of repeat units
Microhomology length

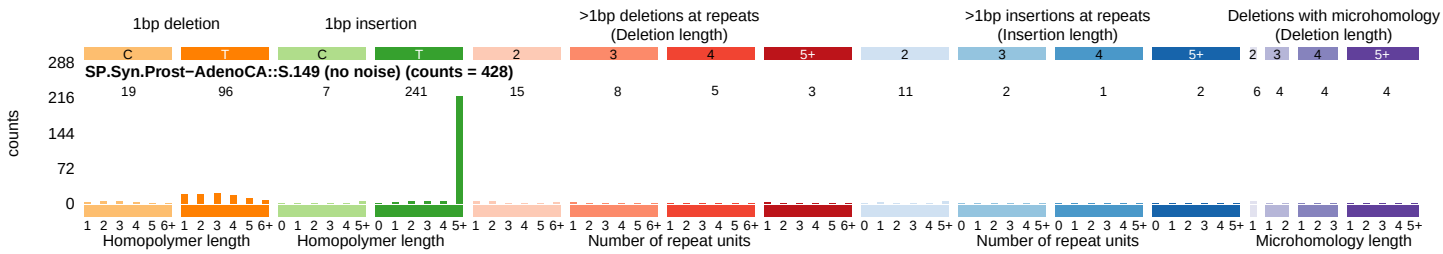

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.144 (no noise) (counts = 465)
55 211 4 76 32 16 10 6 13 4 3 4 9 7 6 9
counts
Homopolymer length
Number of repeat units
Microhomology length

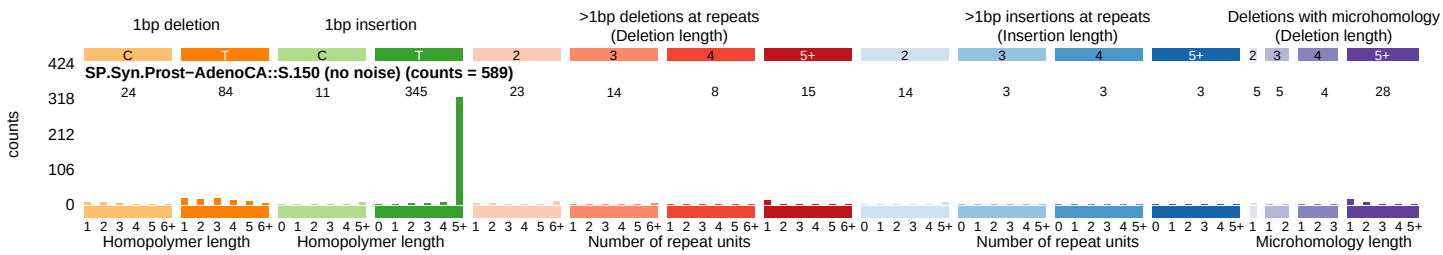

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.145 (no noise) (counts = 1215)
83 217 8 92 9 8 6 31 9 3 2 14 1 6 16 710
counts
Homopolymer length
Number of repeat units
Microhomology length

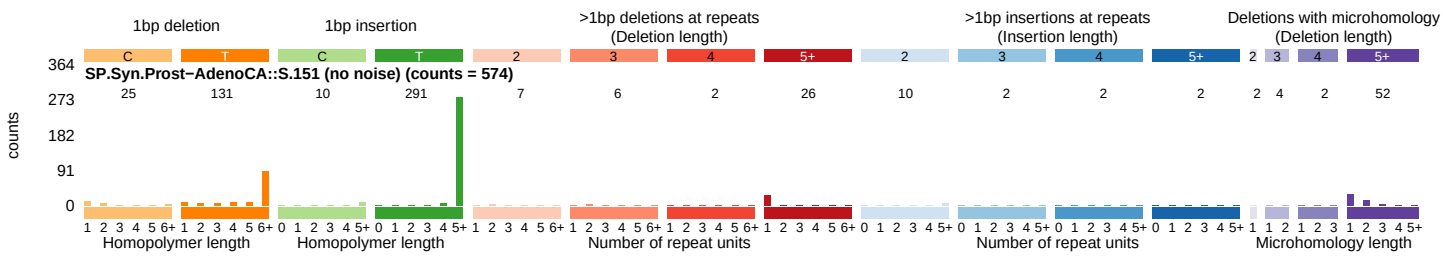

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.146 (no noise) (counts = 219)
11 36 4 152 4 2 1 1 4 0 0 0 2 2 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

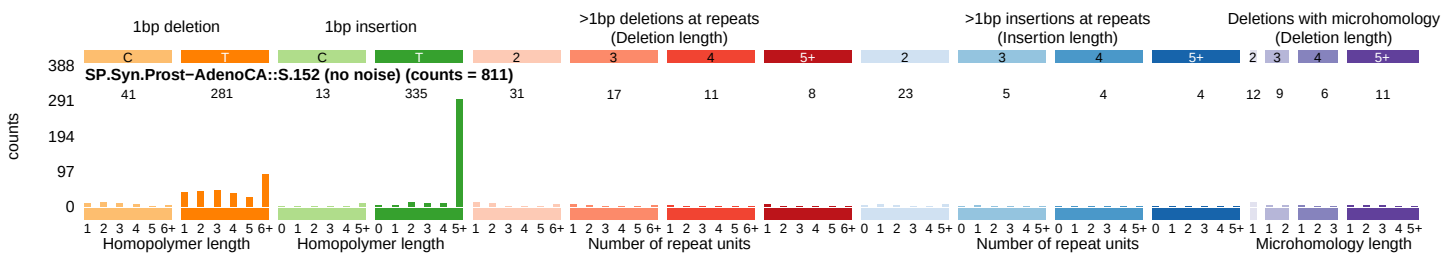

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.147 (no noise) (counts = 287)
21 101 3 90 16 9 5 5 8 2 2 2 6 5 4 8
counts
Homopolymer length
Number of repeat units
Microhomology length

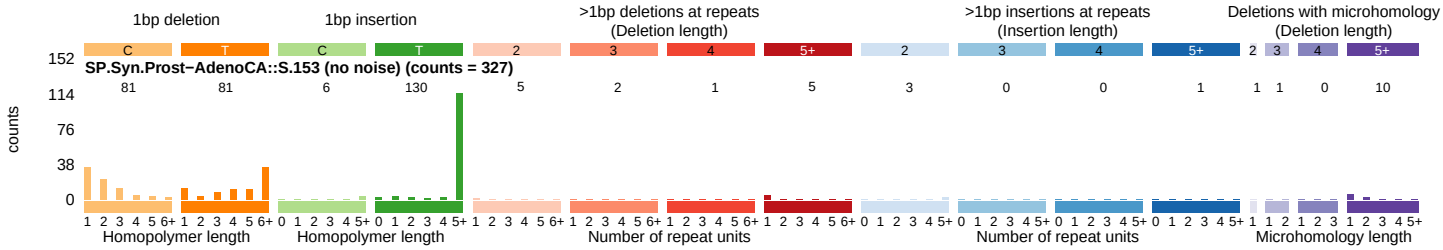

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.148 (no noise) (counts = 394)
68 161 5 40 9 3 2 30 5 1 0 2 2 3 2 61
counts
Homopolymer length
Number of repeat units
Microhomology length

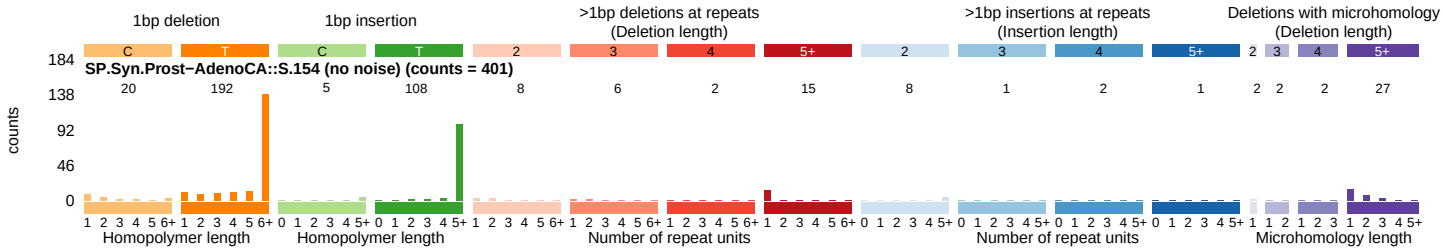

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.149 (no noise) (counts = 428)
19 96 7 241 15 8 5 3 11 2 1 2 6 4 4 4
counts
Homopolymer length
Number of repeat units
Microhomology length

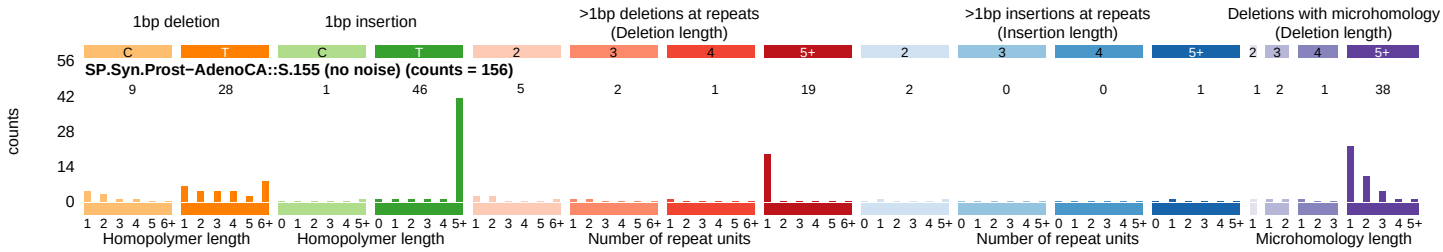

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.150 (no noise) (counts = 589)
24 84 11 345 23 14 8 15 14 3 3 3 5 5 4 28
counts
Homopolymer length
Number of repeat units
Microhomology length

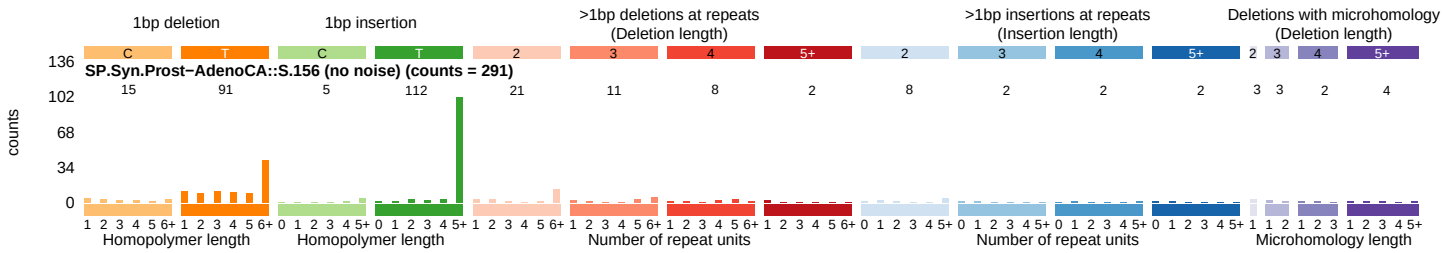

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.151 (no noise) (counts = 574)
25 131 10 291 7 6 2 26 10 2 2 2 2 4 2 52
counts
Homopolymer length
Number of repeat units
Microhomology length

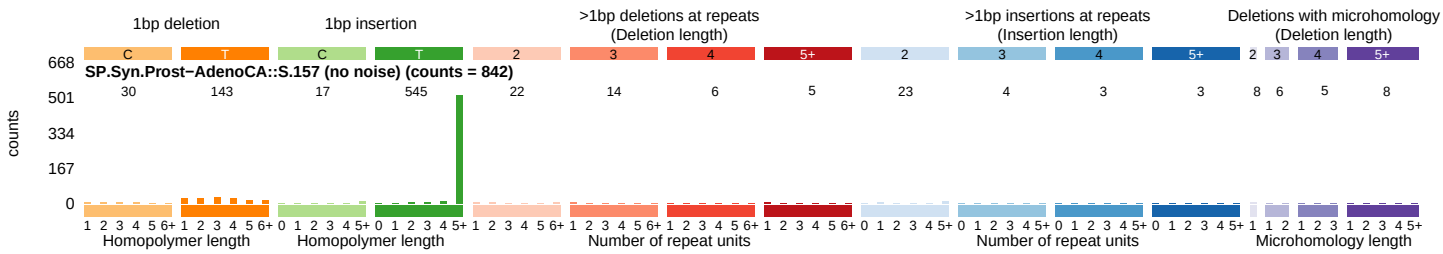

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.152 (no noise) (counts = 811)
41 281 13 335 31 17 11 8 23 5 4 4 12 9 6 11
counts
Homopolymer length
Number of repeat units
Microhomology length

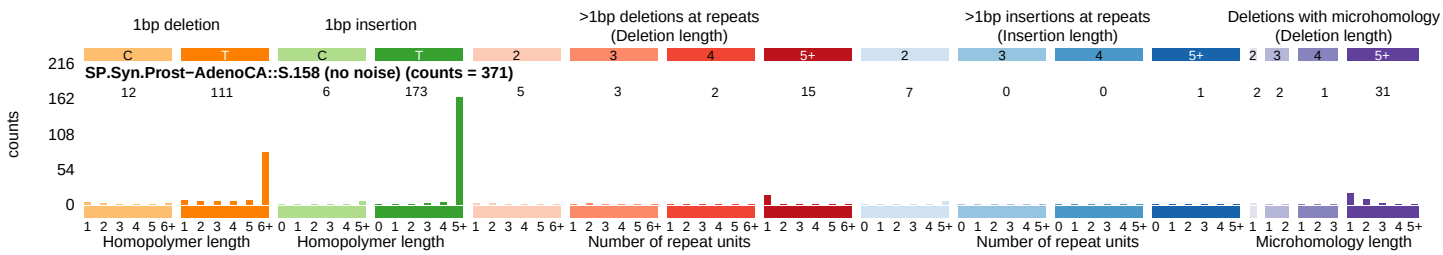

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.153 (no noise) (counts = 327)
81 81 6 130 5 2 1 5 3 0 0 1 1 1 0 10
counts
Homopolymer length
Number of repeat units
Microhomology length

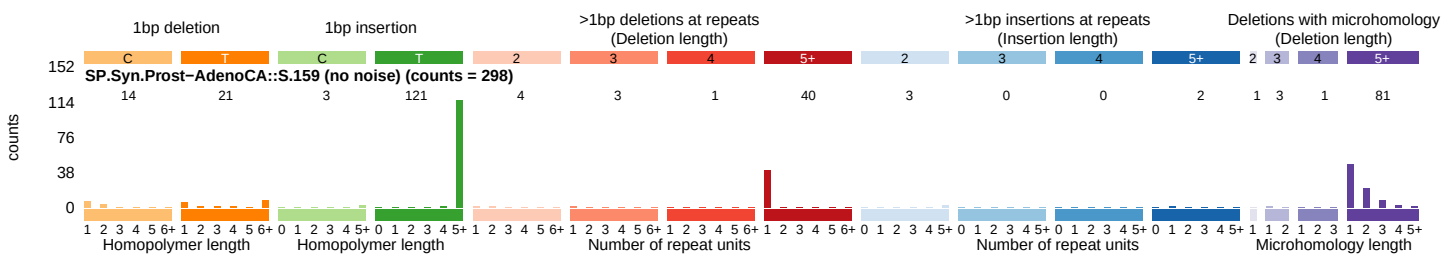

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.154 (no noise) (counts = 401)
20 192 5 108 8 6 2 15 8 1 2 1 2 2 2 27
counts
Homopolymer length
Number of repeat units
Microhomology length

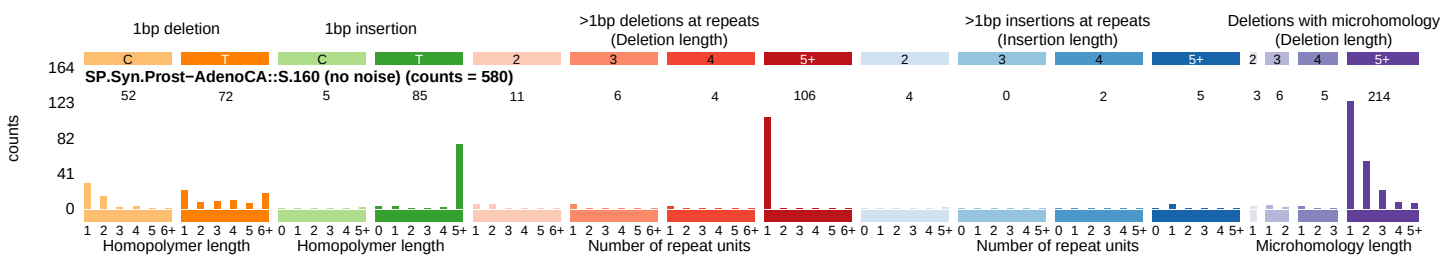

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.155 (no noise) (counts = 156)
9 28 1 46 5 2 1 19 2 0 0 1 1 2 1 38
counts
Homopolymer length
Number of repeat units
Microhomology length

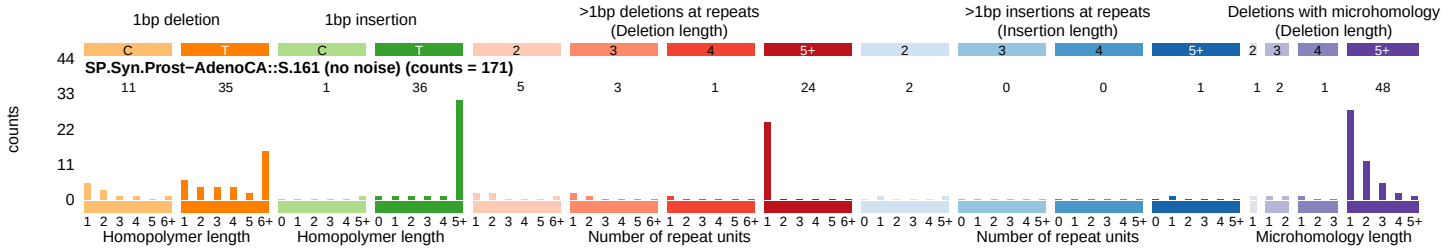

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.156 (no noise) (counts = 291)
15 91 5 112 21 11 8 2 8 2 2 2 3 3 2 4
counts
Homopolymer length
Number of repeat units
Microhomology length

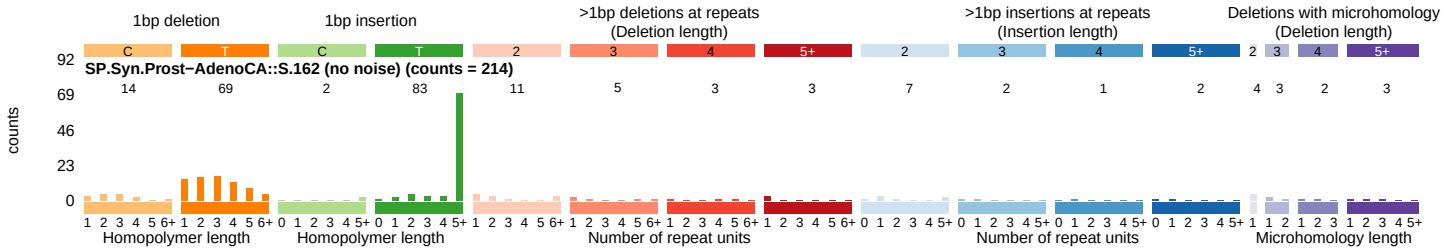

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.157 (no noise) (counts = 842)
30 143 17 545 22 14 6 5 23 4 3 3 8 6 5 8
counts
Homopolymer length
Number of repeat units
Microhomology length

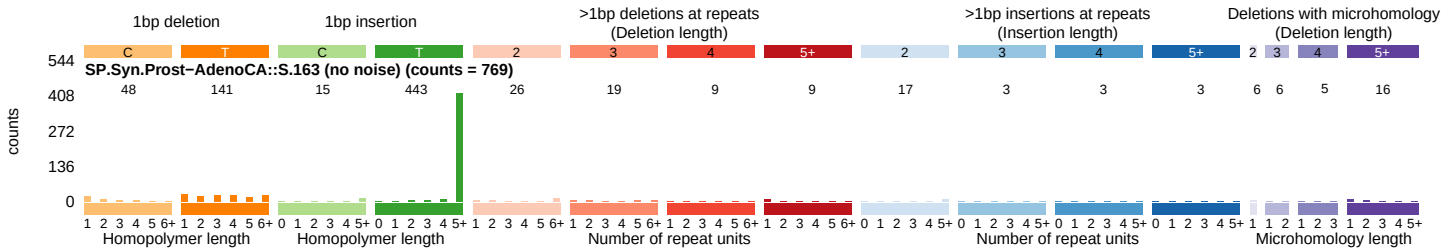

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.158 (no noise) (counts = 371)
12 111 6 173 5 3 2 15 7 0 0 1 2 2 1 31
counts
Homopolymer length
Number of repeat units
Microhomology length

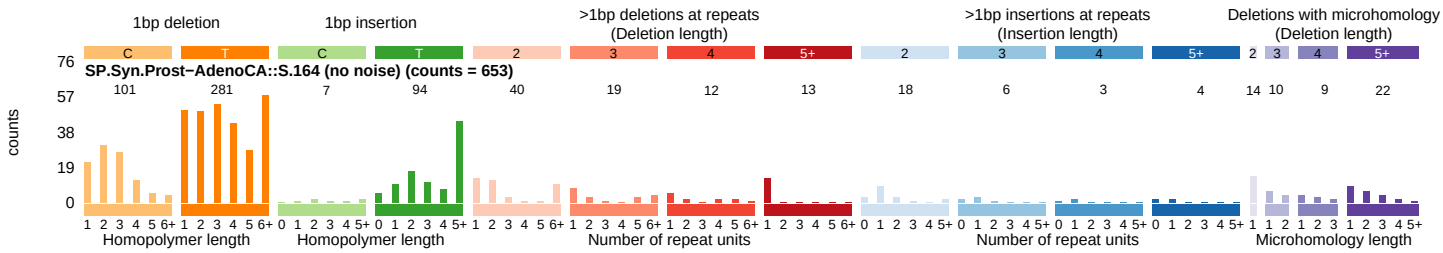

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.159 (no noise) (counts = 298)
14 21 3 121 4 3 1 40 3 0 0 2 1 3 1 81
counts
Homopolymer length
Number of repeat units
Microhomology length

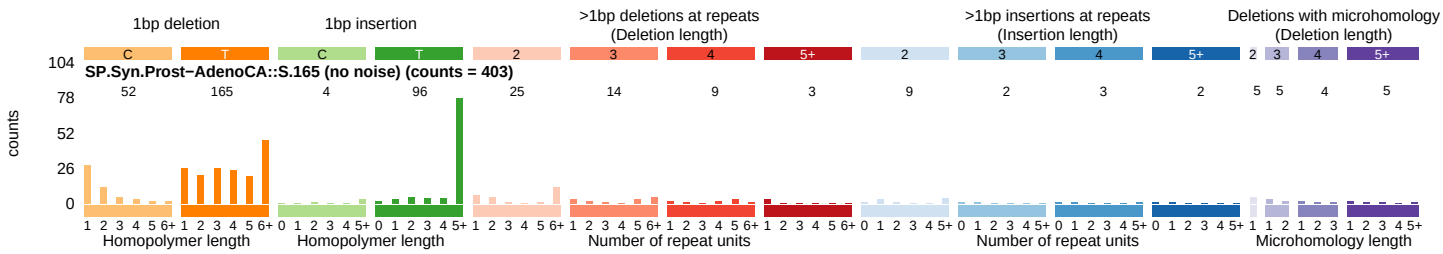

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.160 (no noise) (counts = 580)
52 72 5 85 11 6 4 106 4 0 2 5 3 6 5 214
counts
Homopolymer length
Number of repeat units
Microhomology length

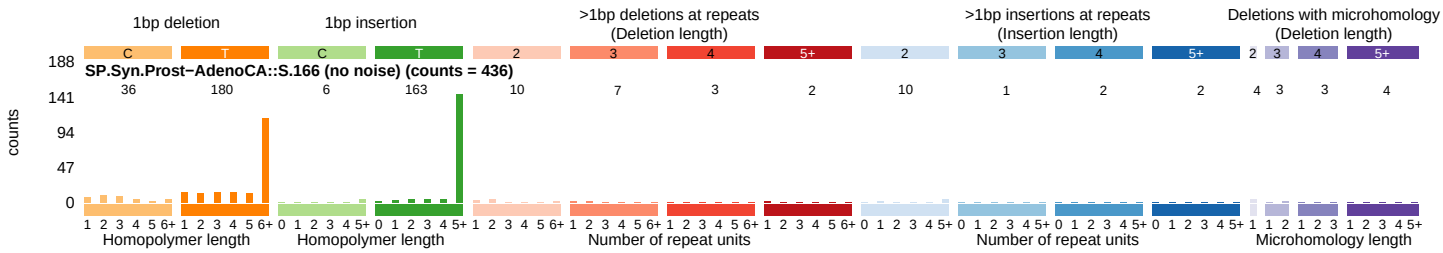

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.161 (no noise) (counts = 171)
counts
Homopolymer length
Number of repeat units
Microhomology length

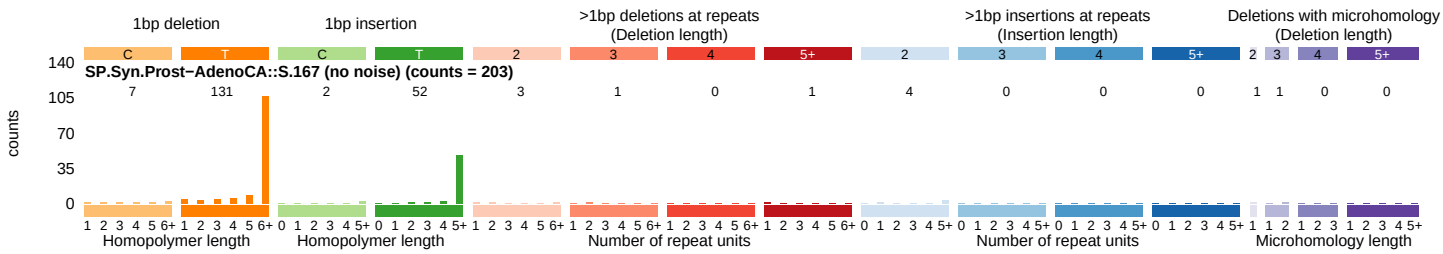

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.162 (no noise) (counts = 214)
counts
Homopolymer length
Number of repeat units
Microhomology length

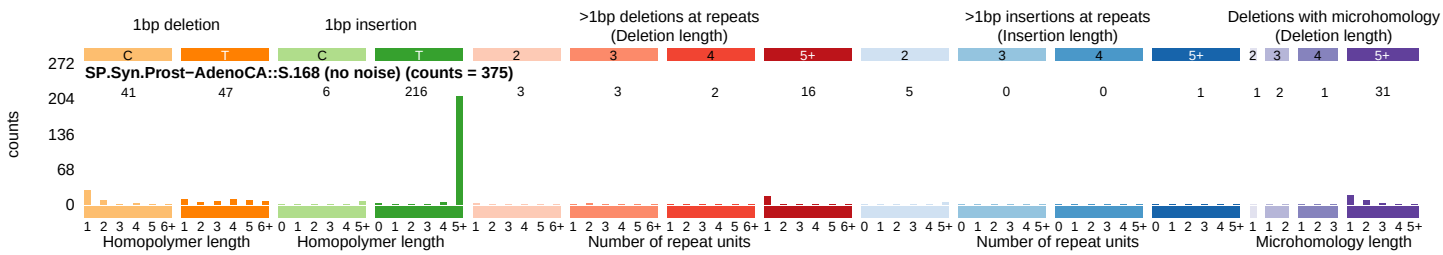

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.163 (no noise) (counts = 769)
counts
Homopolymer length
Number of repeat units
Microhomology length

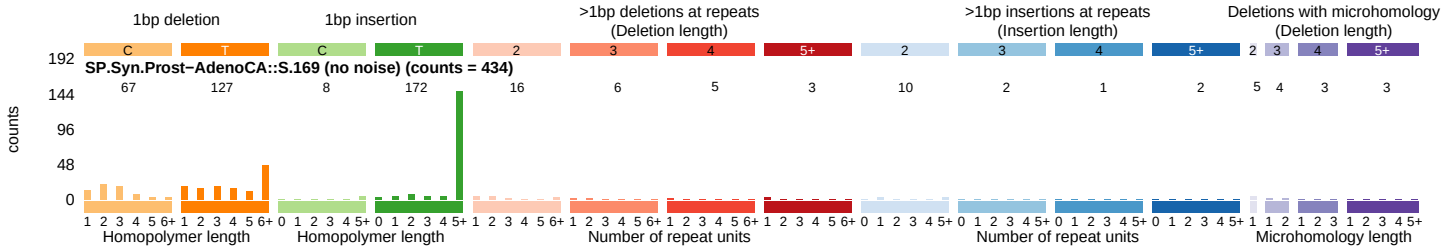

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.164 (no noise) (counts = 653)
counts
Homopolymer length
Number of repeat units
Microhomology length

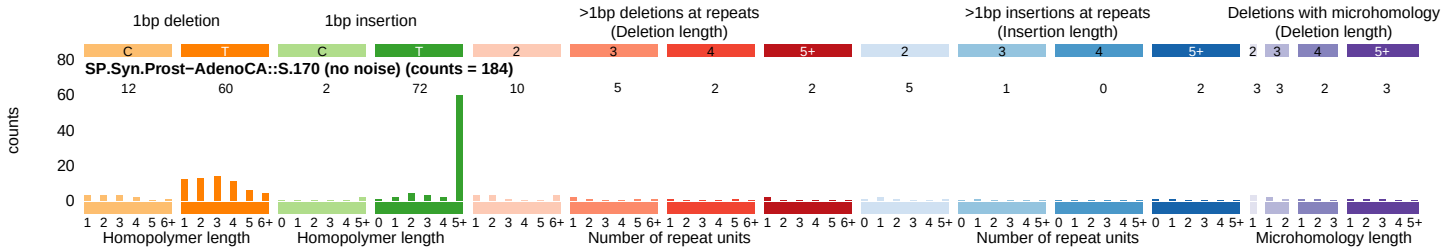

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.165 (no noise) (counts = 403)
counts
Homopolymer length
Number of repeat units
Microhomology length

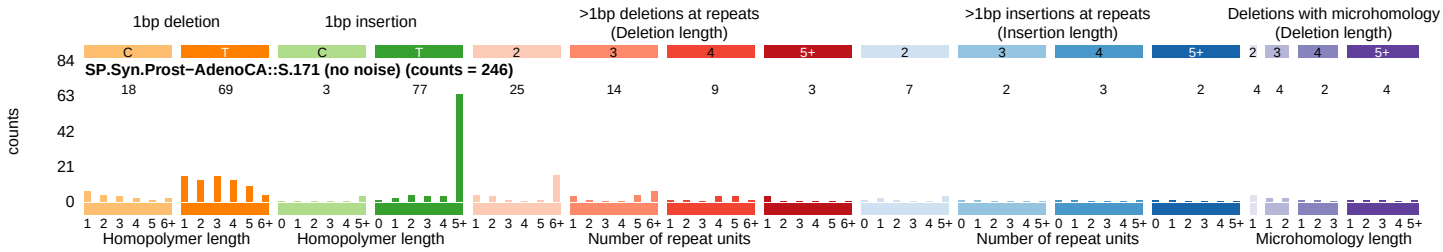

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.166 (no noise) (counts = 436)
counts
Homopolymer length
Number of repeat units
Microhomology length

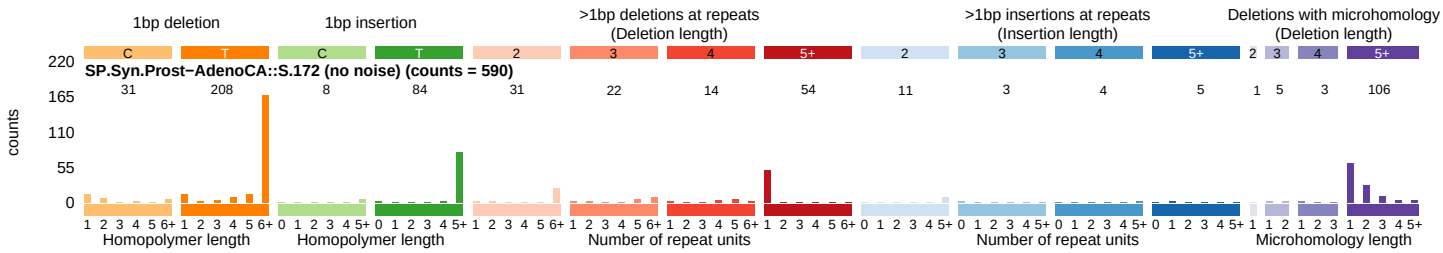

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.167 (no noise) (counts = 203)
counts
Homopolymer length
Number of repeat units
Microhomology length

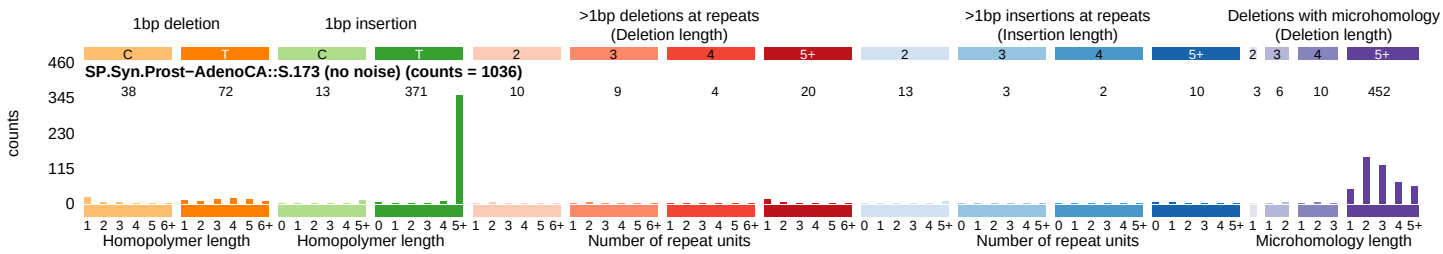

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.168 (no noise) (counts = 375)
counts
Homopolymer length
Number of repeat units
Microhomology length

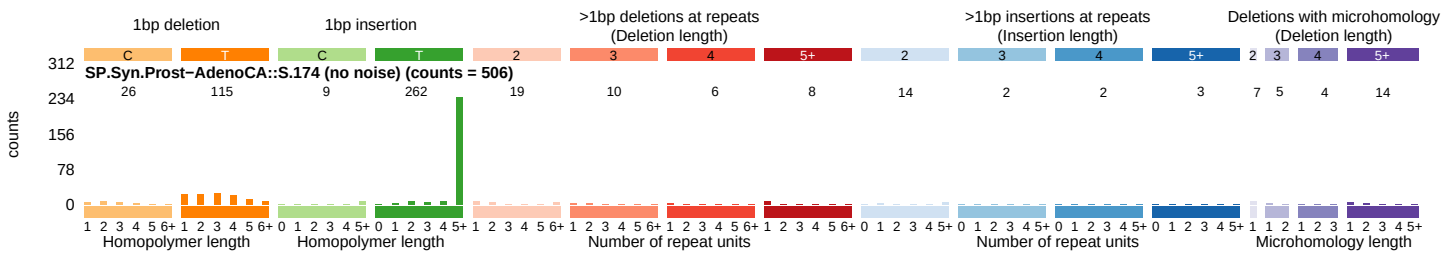

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.169 (no noise) (counts = 434)
counts
Homopolymer length
Number of repeat units
Microhomology length

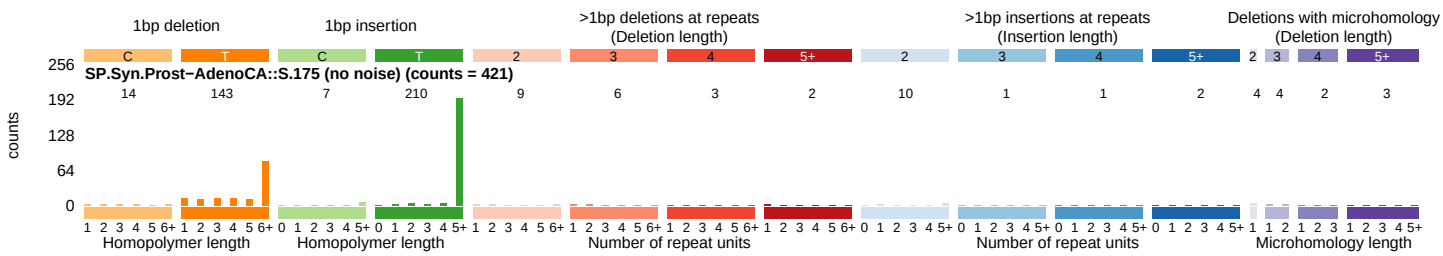

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.170 (no noise) (counts = 184)
counts
Homopolymer length
Number of repeat units
Microhomology length

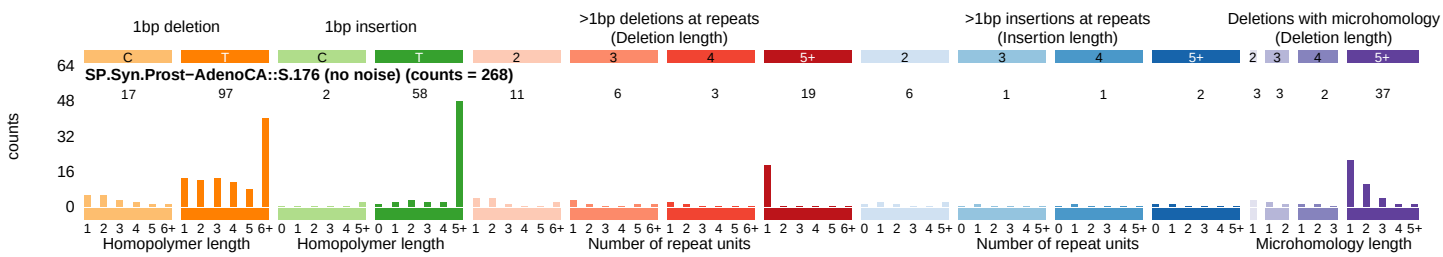

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.171 (no noise) (counts = 246)
counts
Homopolymer length
Number of repeat units
Microhomology length

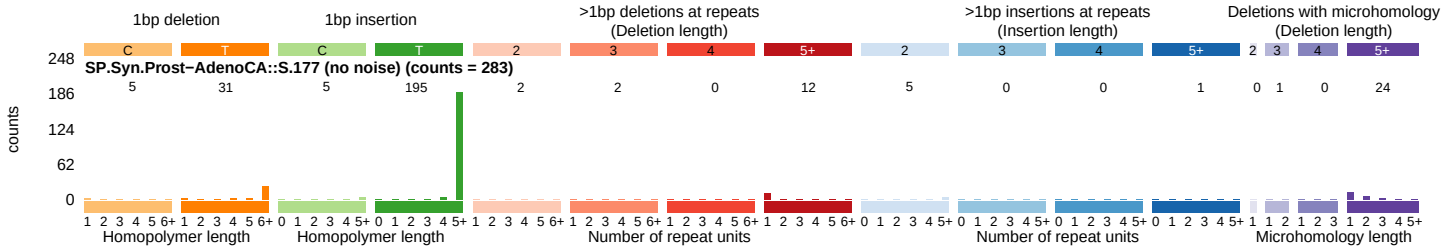

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.172 (no noise) (counts = 590)
counts
Homopolymer length
Number of repeat units
Microhomology length

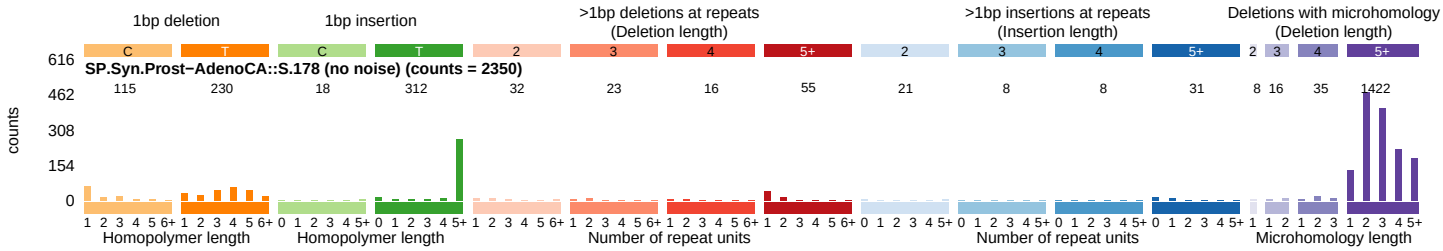

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.173 (no noise) (counts = 1036)
counts
Homopolymer length
Number of repeat units
Microhomology length

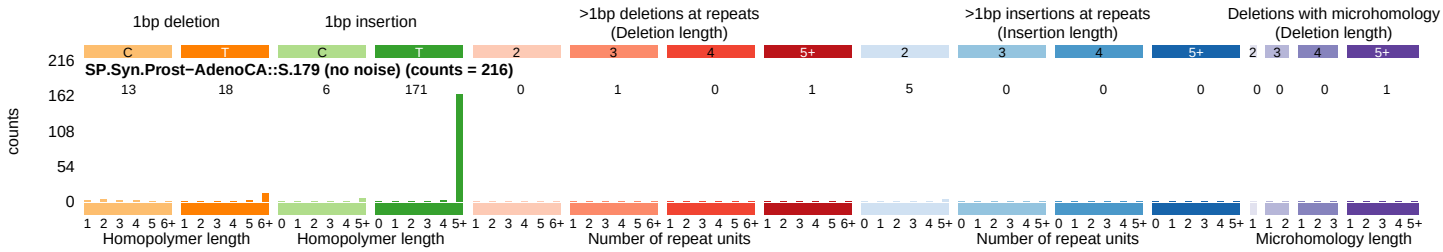

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.174 (no noise) (counts = 506)
counts
Homopolymer length
Number of repeat units
Microhomology length

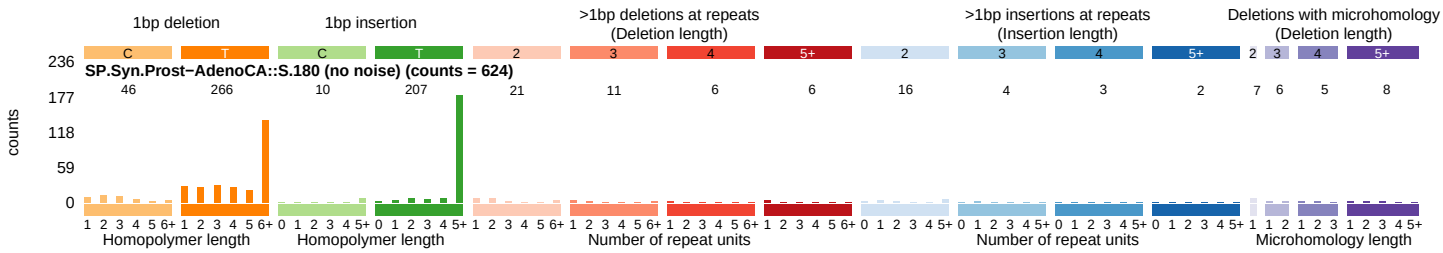

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.175 (no noise) (counts = 421)
counts
Homopolymer length
Number of repeat units
Microhomology length

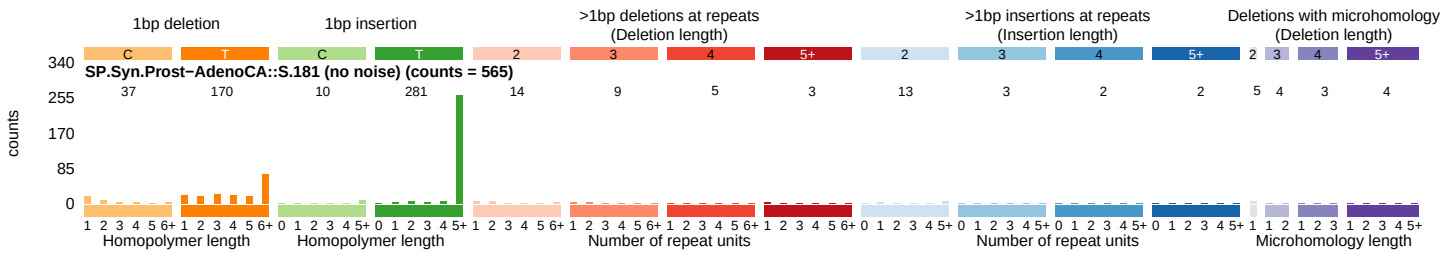

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.176 (no noise) (counts = 268)
counts
Homopolymer length
Number of repeat units
Microhomology length

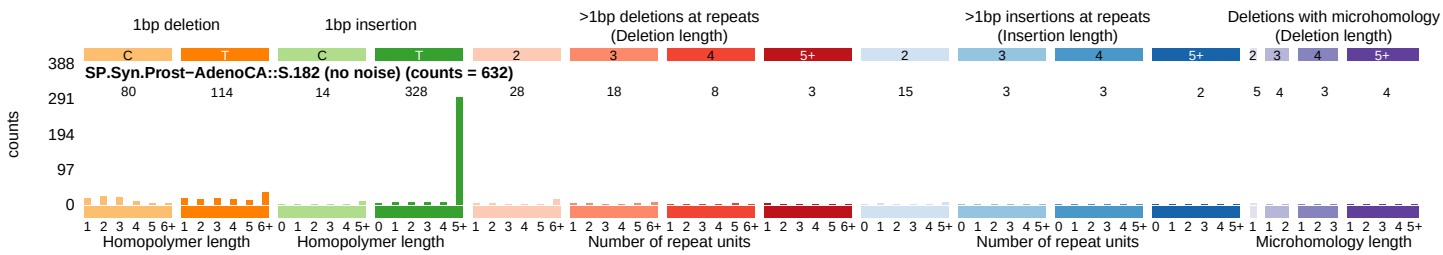

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.177 (no noise) (counts = 283)
counts
Homopolymer length
Number of repeat units
Microhomology length

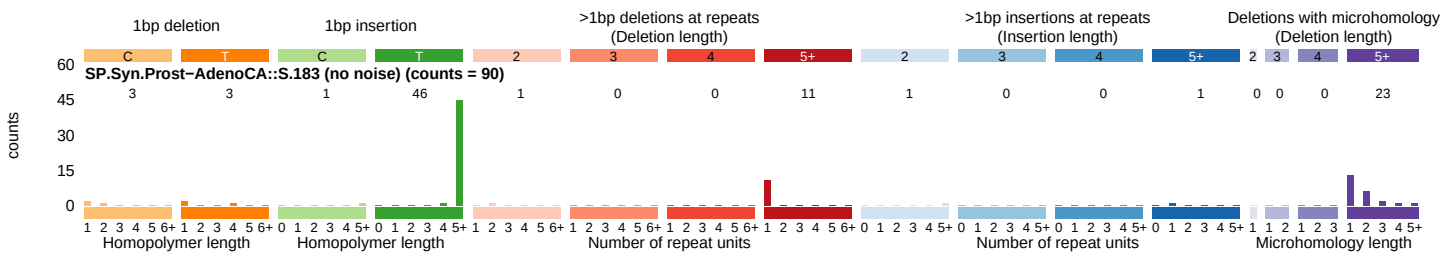

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.178 (no noise) (counts = 2350)
counts
Homopolymer length
Number of repeat units
Microhomology length

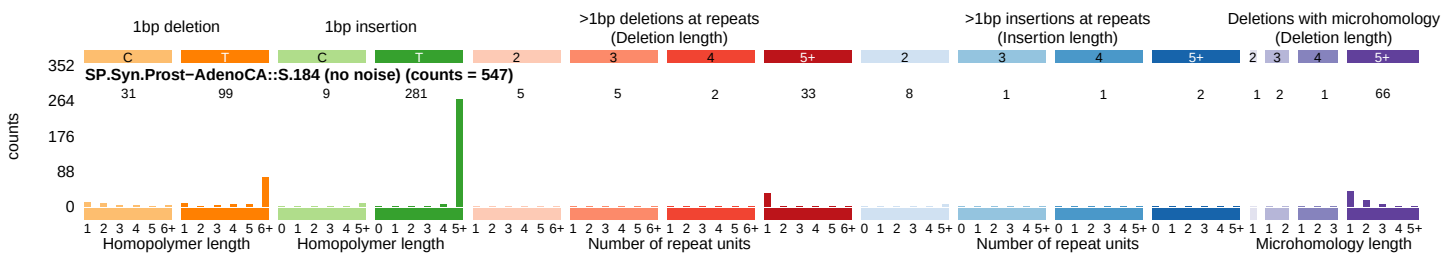

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.179 (no noise) (counts = 216)
counts
Homopolymer length
Number of repeat units
Microhomology length

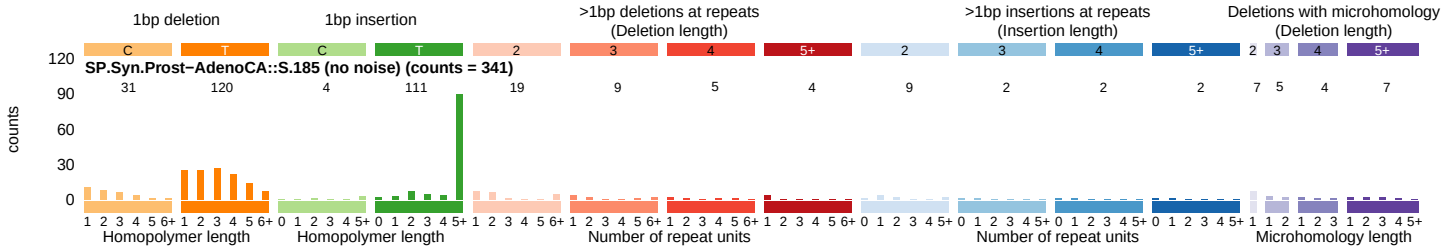

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.180 (no noise) (counts = 624)
counts
Homopolymer length
Number of repeat units
Microhomology length

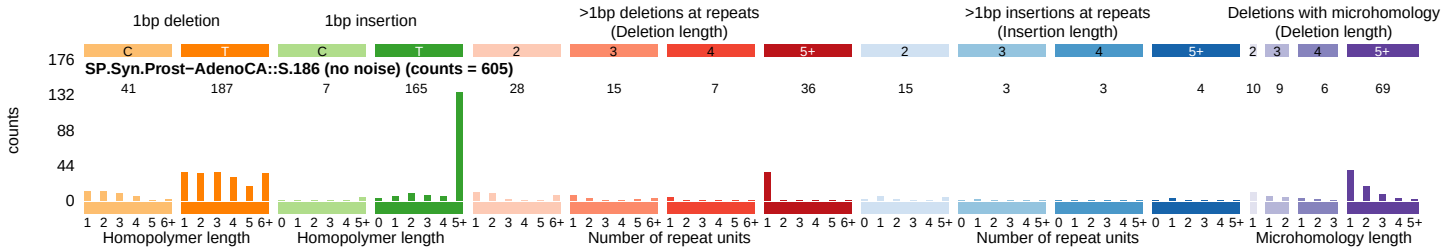

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.181 (no noise) (counts = 565)
counts
Homopolymer length
Number of repeat units
Microhomology length

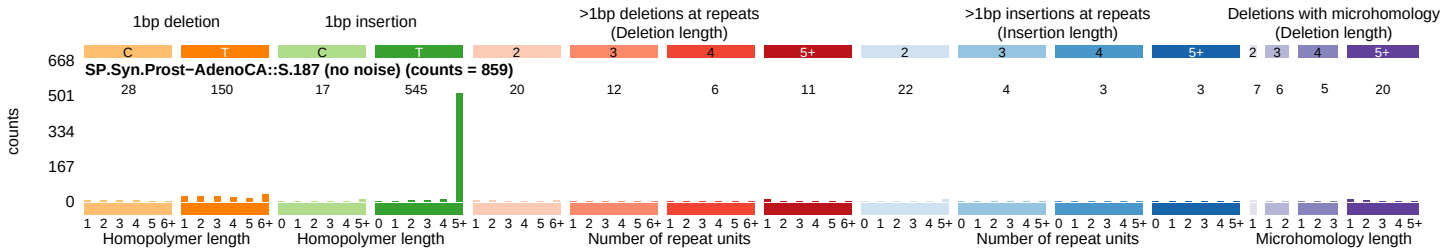

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.182 (no noise) (counts = 632)
counts
Homopolymer length
Number of repeat units
Microhomology length

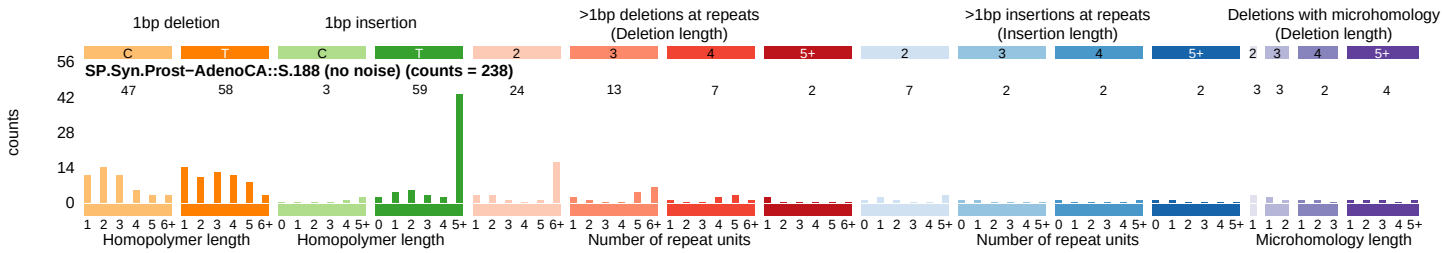

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.183 (no noise) (counts = 90)
counts
Homopolymer length
Number of repeat units
Microhomology length

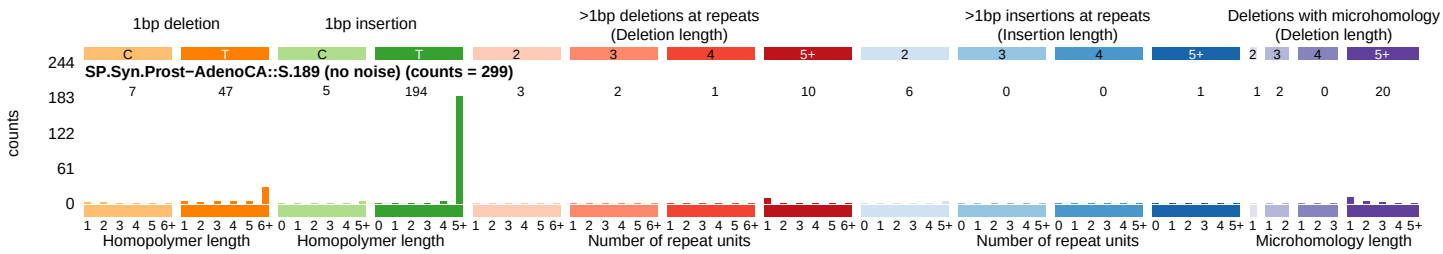

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.184 (no noise) (counts = 547)
counts
Homopolymer length
Number of repeat units
Microhomology length

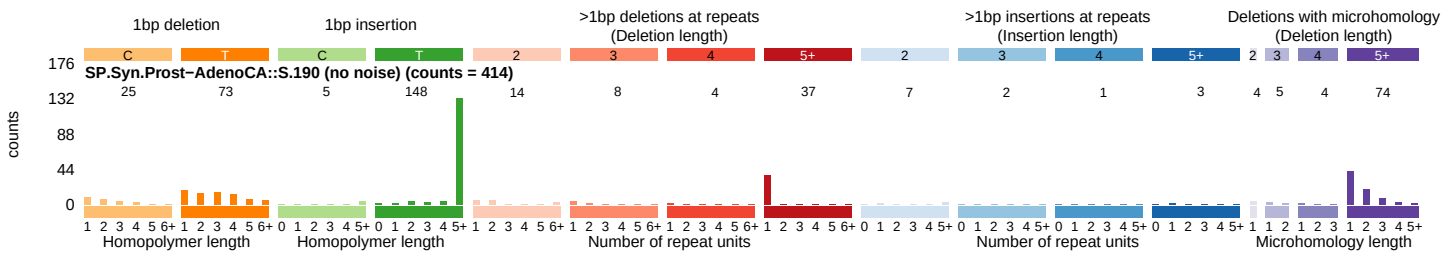

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.185 (no noise) (counts = 341)
31 120 4 111 19 9 5 4 9 2 2 2 7 5 4 7
counts
Homopolymer length
Number of repeat units
Microhomology length

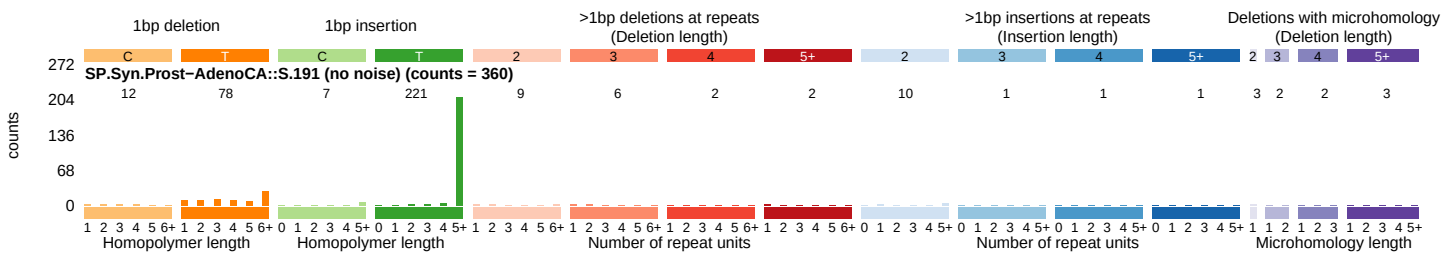

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.186 (no noise) (counts = 605)
41 187 7 165 28 15 7 36 15 3 3 4 10 9 6 69
counts
Homopolymer length
Number of repeat units
Microhomology length

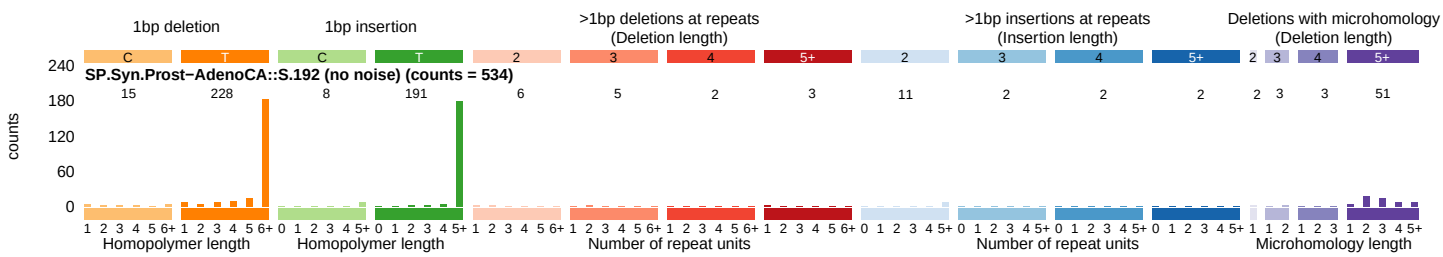

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.187 (no noise) (counts = 859)
28 150 17 545 20 12 6 11 22 4 3 3 7 6 5 20
counts
Homopolymer length
Number of repeat units
Microhomology length

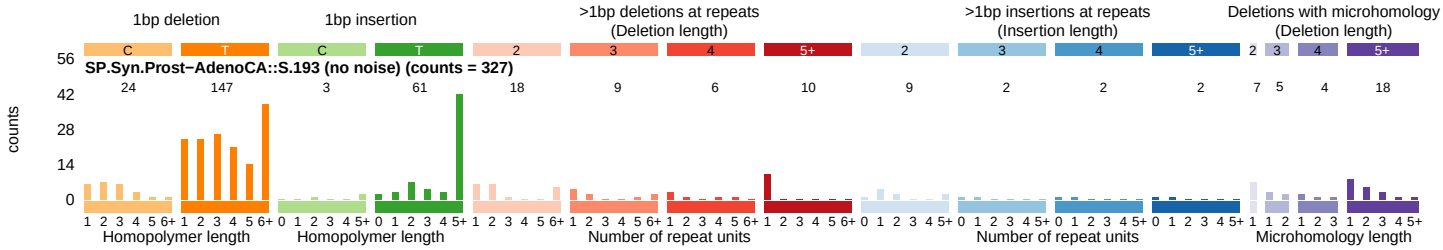

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.188 (no noise) (counts = 238)
47 58 3 59 24 13 7 2 7 2 2 2 3 3 2 4
counts
Homopolymer length
Number of repeat units
Microhomology length

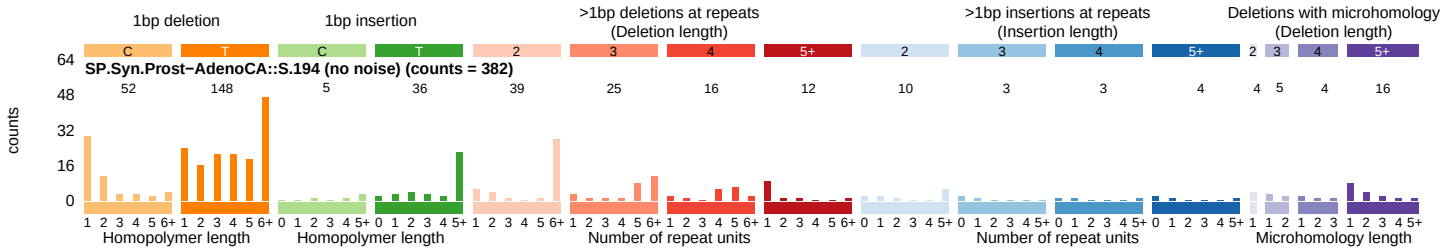

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.189 (no noise) (counts = 299)
7 47 5 194 3 2 1 10 6 0 0 1 1 2 0 20
counts
Homopolymer length
Number of repeat units
Microhomology length

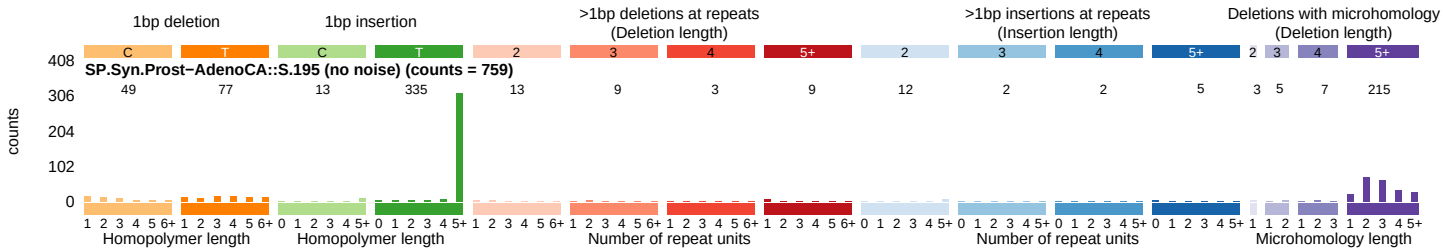

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.190 (no noise) (counts = 414)
25 73 5 148 14 8 4 37 7 2 1 3 4 5 4 74
counts
Homopolymer length
Number of repeat units
Microhomology length

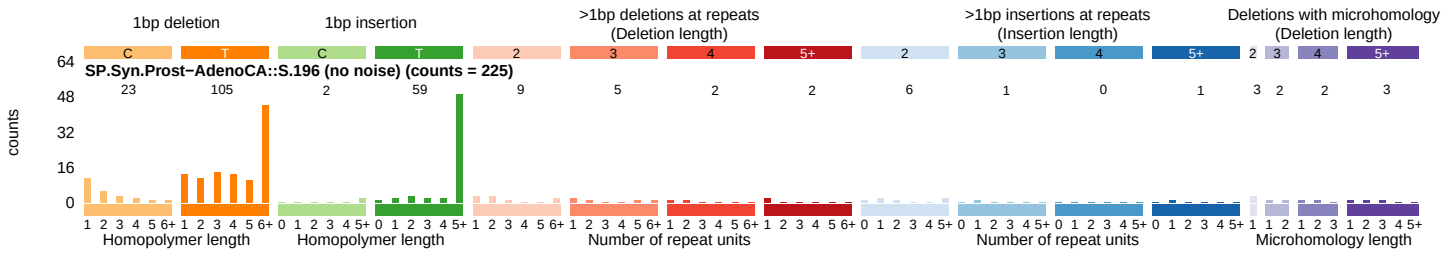

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.191 (no noise) (counts = 360)
12 78 7 221 9 6 2 2 10 1 1 1 3 2 2 3
counts
Homopolymer length
Number of repeat units
Microhomology length

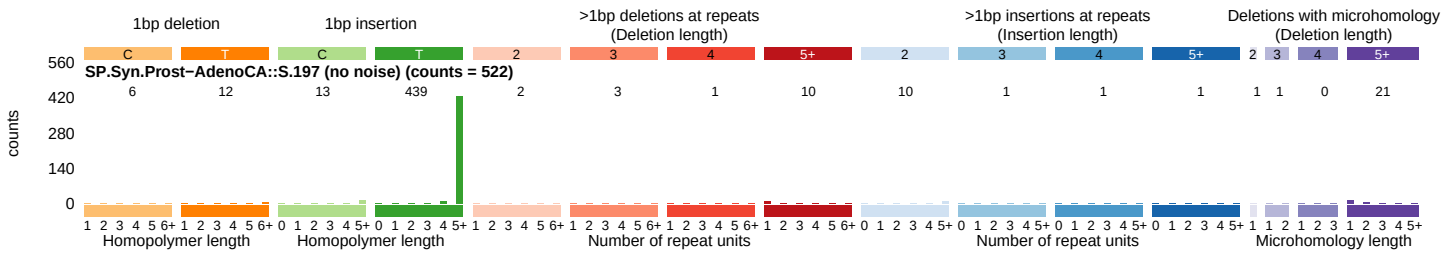

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.192 (no noise) (counts = 534)
15 228 8 191 6 5 2 3 11 2 2 2 2 3 3 51
counts
Homopolymer length
Number of repeat units
Microhomology length

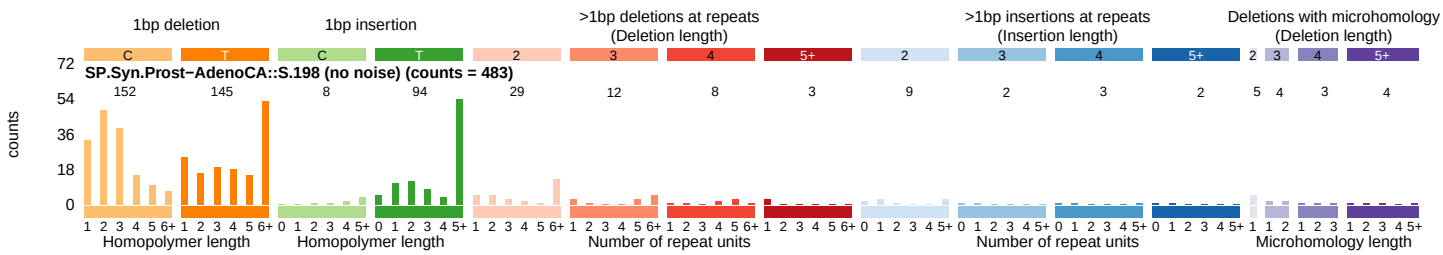

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.193 (no noise) (counts = 327)
counts
Homopolymer length
Number of repeat units
Microhomology length

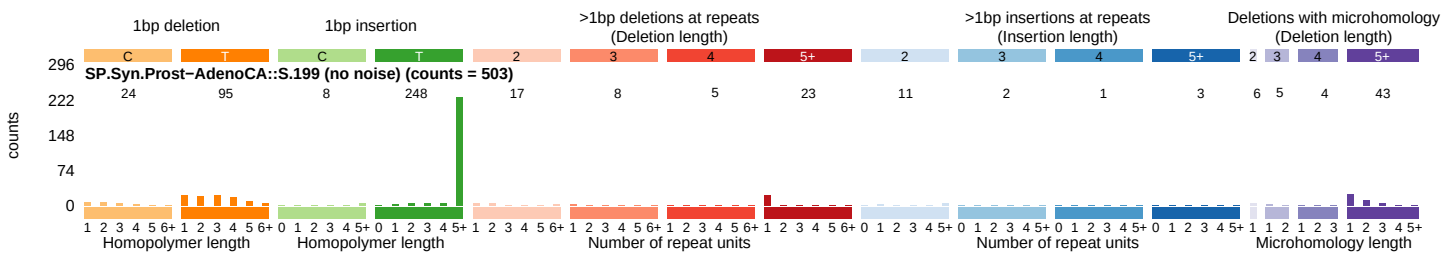

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.194 (no noise) (counts = 382)
counts
Homopolymer length
Number of repeat units
Microhomology length

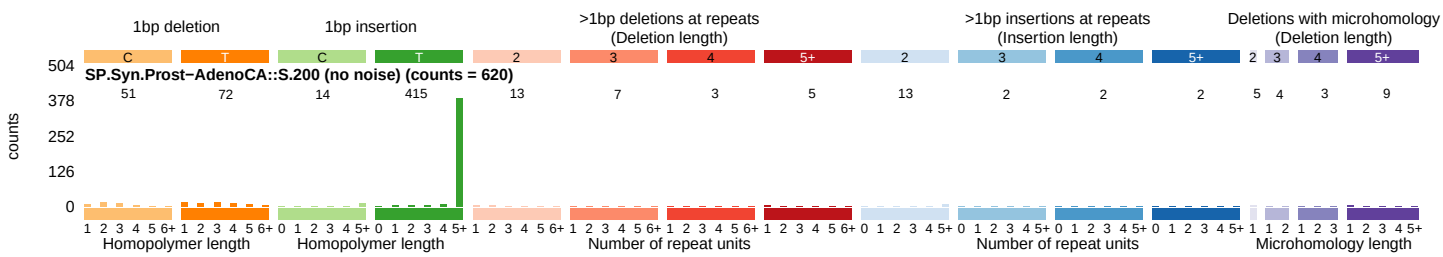

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.195 (no noise) (counts = 759)
counts
Homopolymer length
Number of repeat units
Microhomology length

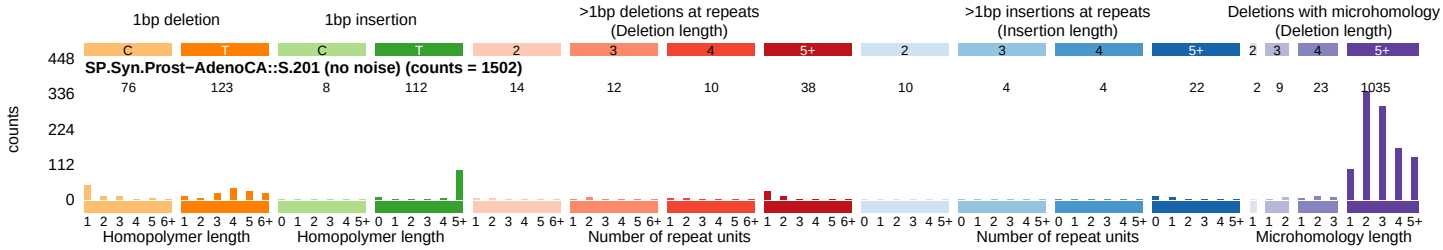

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.196 (no noise) (counts = 225)
counts
Homopolymer length
Number of repeat units
Microhomology length

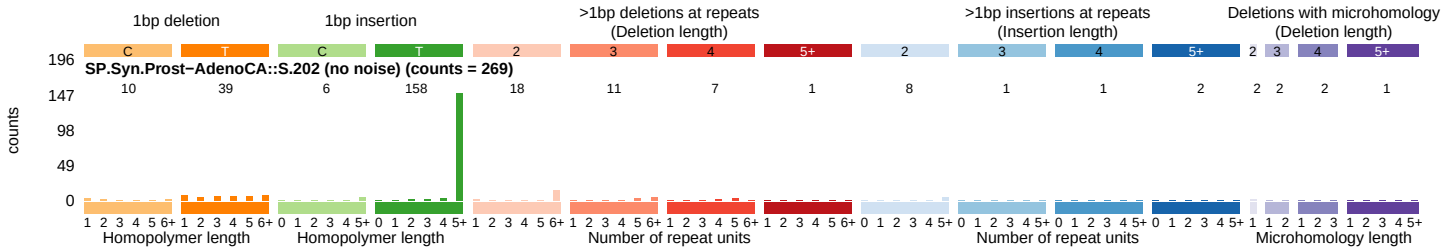

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.197 (no noise) (counts = 522)
counts
Homopolymer length
Number of repeat units
Microhomology length

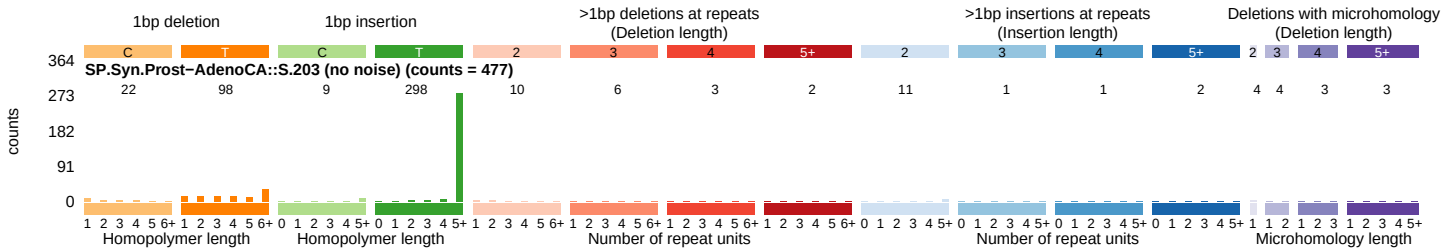

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.198 (no noise) (counts = 483)
counts
Homopolymer length
Number of repeat units
Microhomology length

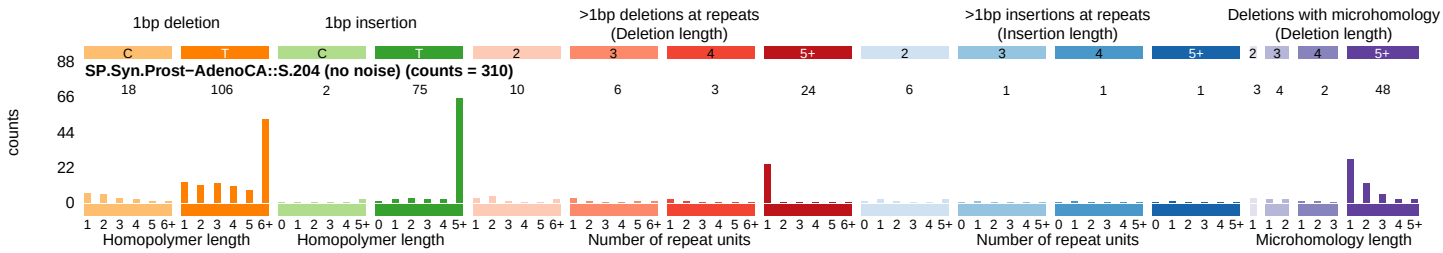

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.199 (no noise) (counts = 503)
counts
Homopolymer length
Number of repeat units
Microhomology length

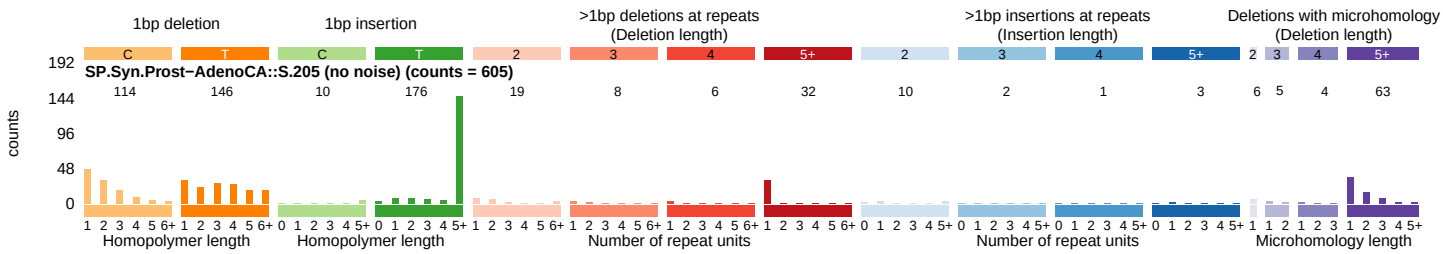

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.200 (no noise) (counts = 620)
counts
Homopolymer length
Number of repeat units
Microhomology length

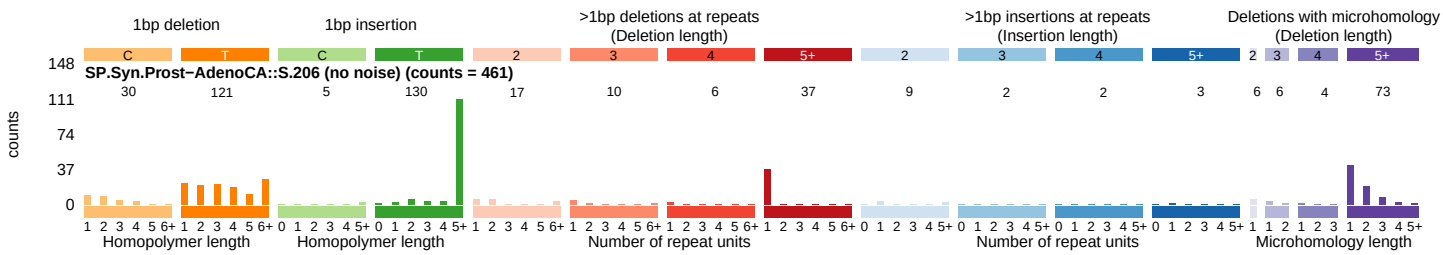

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.201 (no noise) (counts = 1502)
counts
Homopolymer length
Number of repeat units
Microhomology length

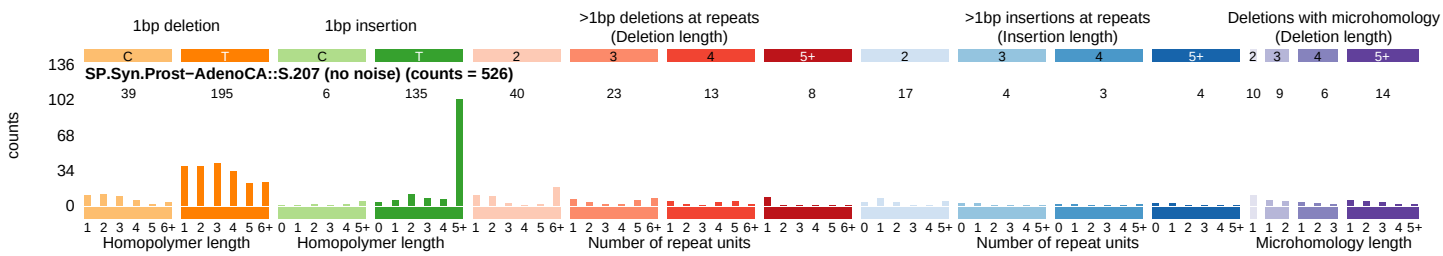

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.202 (no noise) (counts = 269)
counts
Homopolymer length
Number of repeat units
Microhomology length

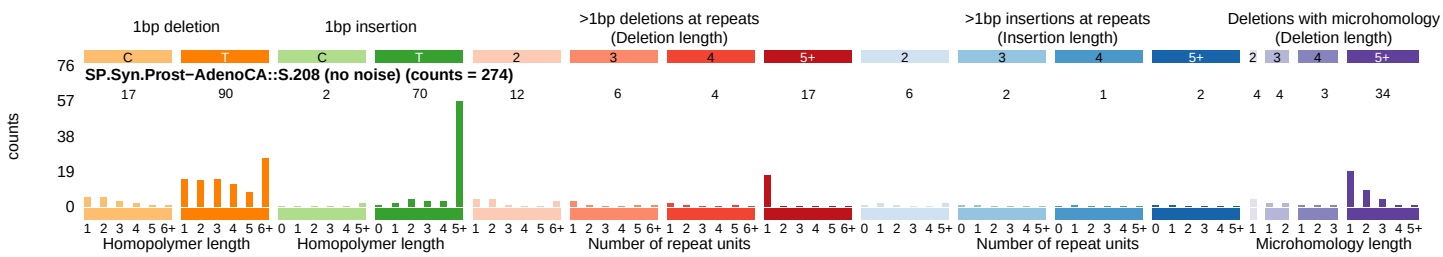

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.203 (no noise) (counts = 477)
counts
Homopolymer length
Number of repeat units
Microhomology length

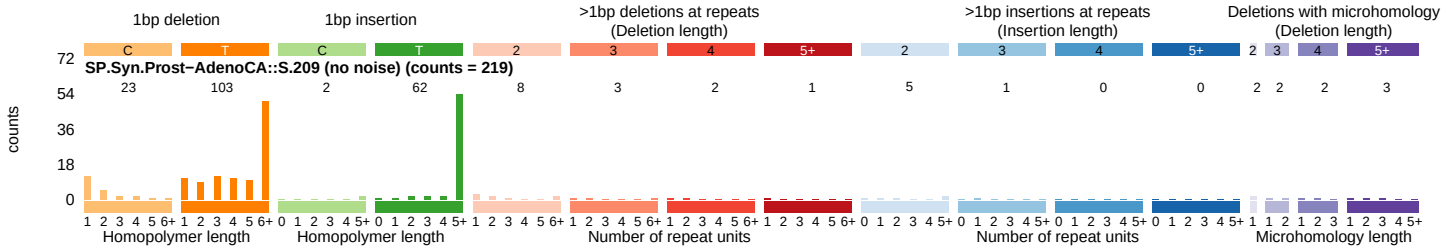

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.204 (no noise) (counts = 310)
counts
Homopolymer length
Number of repeat units
Microhomology length

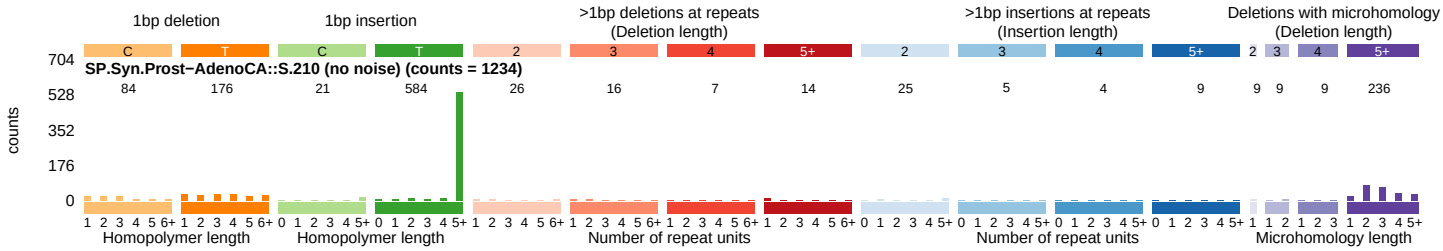

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.205 (no noise) (counts = 605)
counts
Homopolymer length
Number of repeat units
Microhomology length

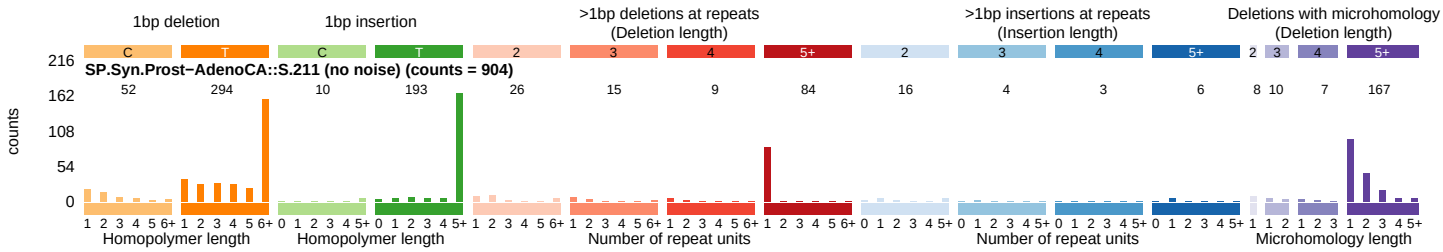

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.206 (no noise) (counts = 461)
counts
Homopolymer length
Number of repeat units
Microhomology length

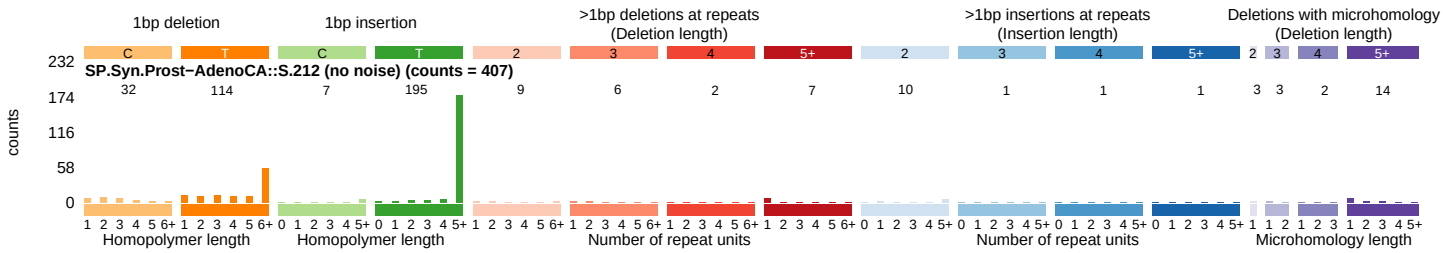

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.207 (no noise) (counts = 526)
counts
Homopolymer length
Number of repeat units
Microhomology length

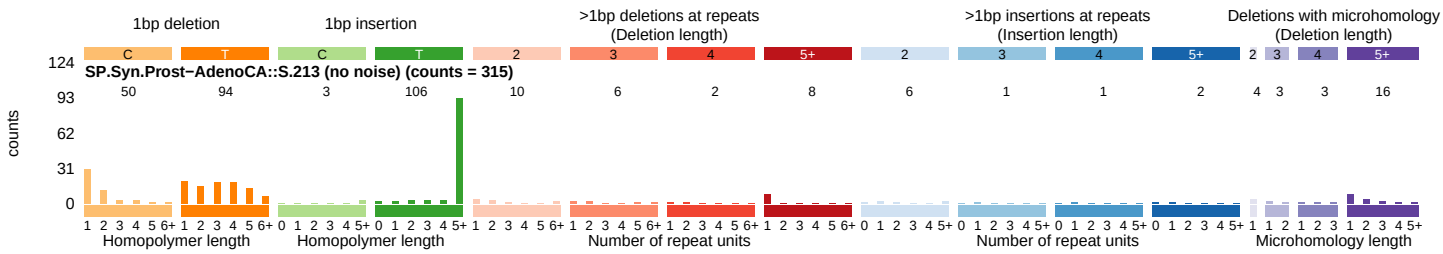

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.208 (no noise) (counts = 274)
counts
Homopolymer length
Number of repeat units
Microhomology length

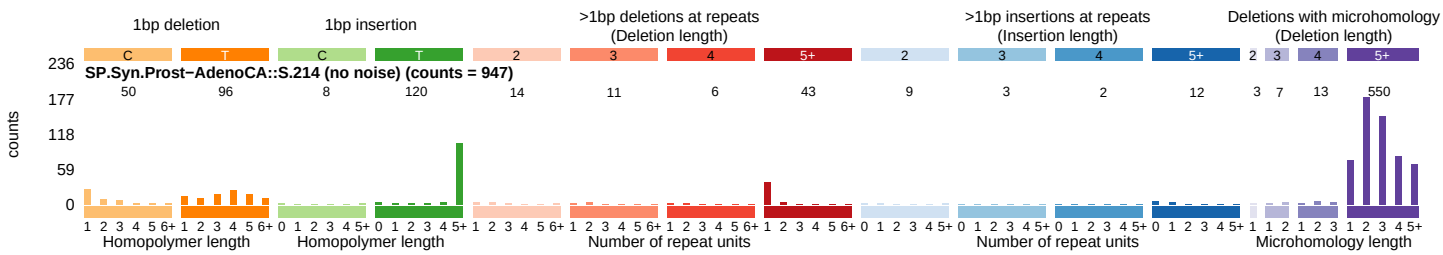

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.209 (no noise) (counts = 219)
counts
Homopolymer length
Number of repeat units
Microhomology length

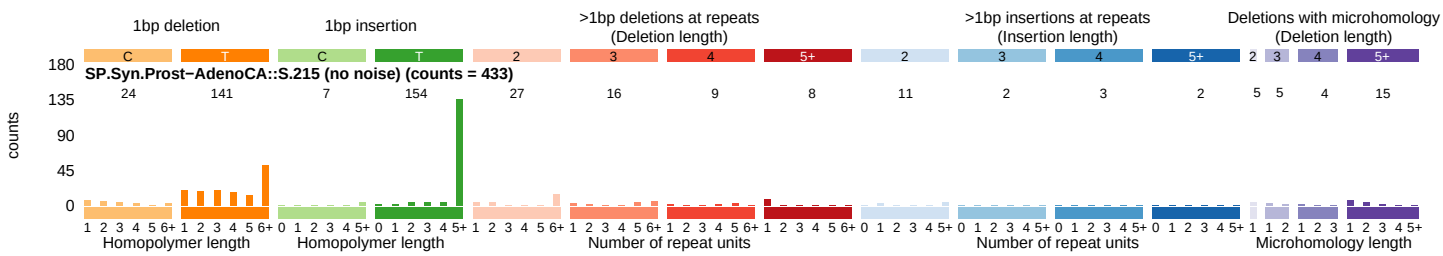

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.210 (no noise) (counts = 1234)
counts
Homopolymer length
Number of repeat units
Microhomology length

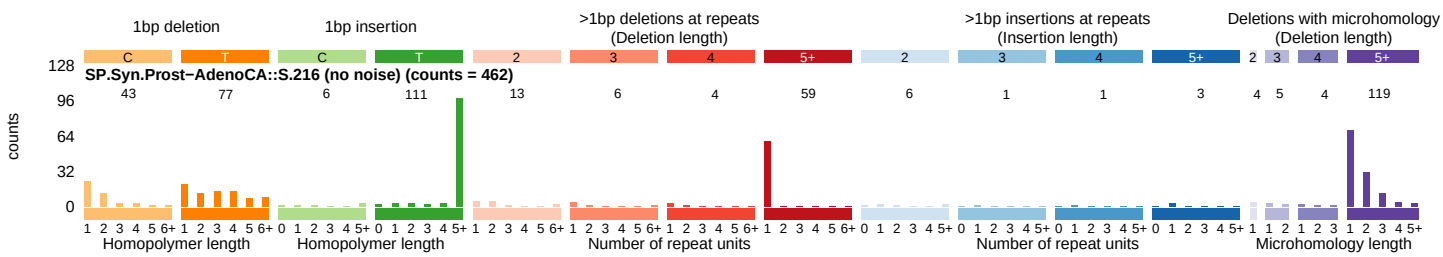

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.211 (no noise) (counts = 904)
counts
Homopolymer length
Number of repeat units
Microhomology length

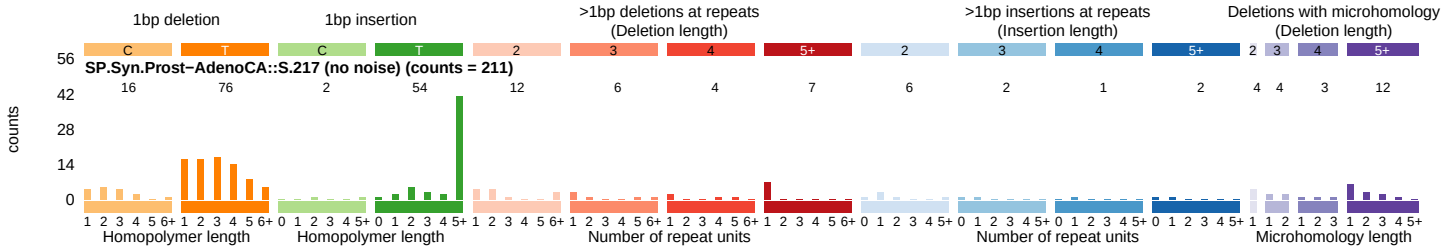

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.212 (no noise) (counts = 407)
counts
Homopolymer length
Number of repeat units
Microhomology length

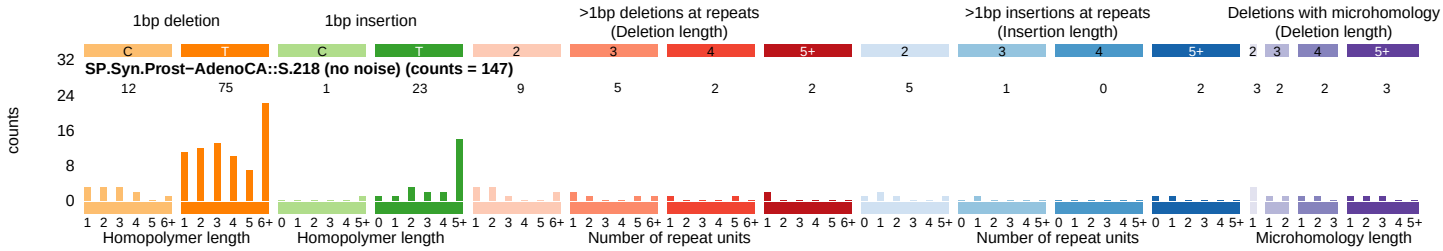

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.213 (no noise) (counts = 315)
counts
Homopolymer length
Number of repeat units
Microhomology length

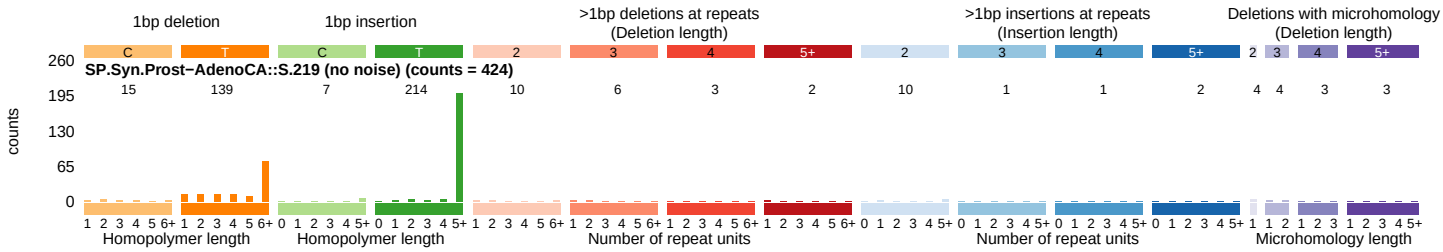

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.214 (no noise) (counts = 947)
counts
Homopolymer length
Number of repeat units
Microhomology length

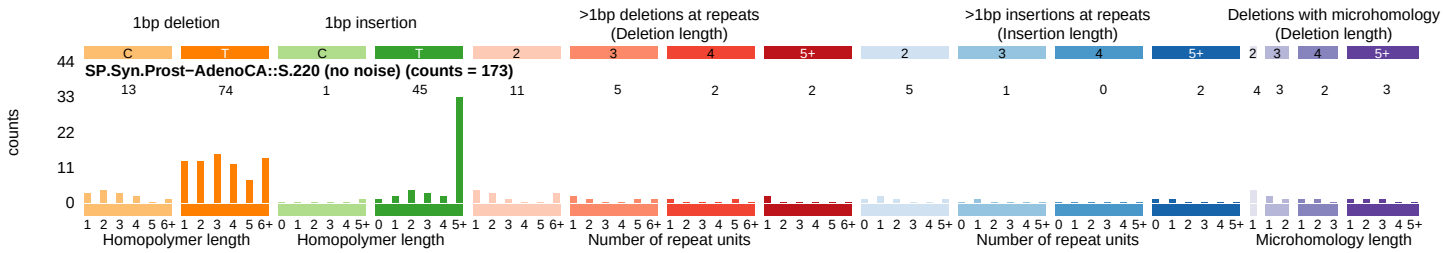

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.215 (no noise) (counts = 433)
counts
Homopolymer length
Number of repeat units
Microhomology length

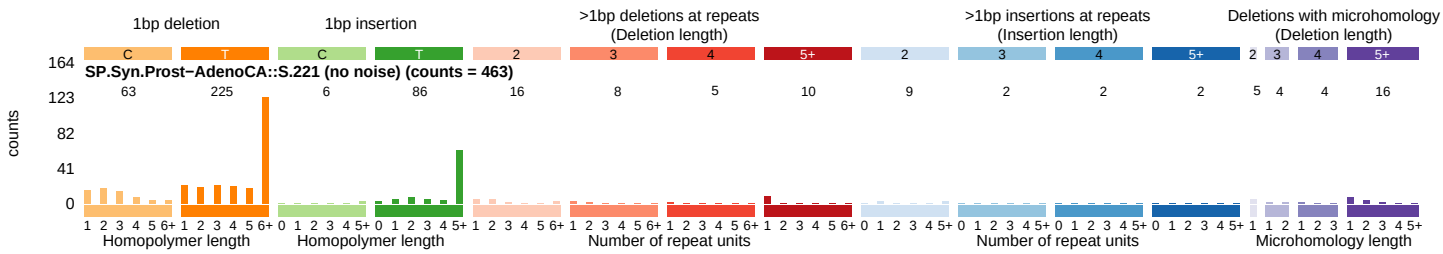

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.216 (no noise) (counts = 462)
counts
Homopolymer length
Number of repeat units
Microhomology length

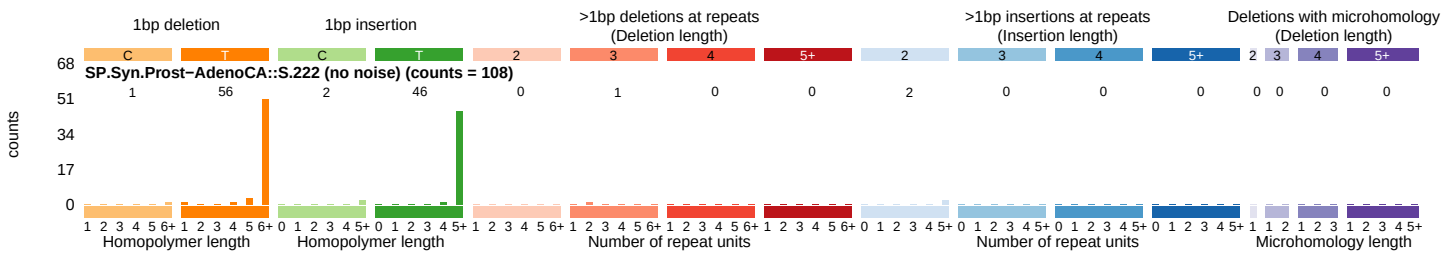

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.217 (no noise) (counts = 211)
counts
Homopolymer length
Number of repeat units
Microhomology length

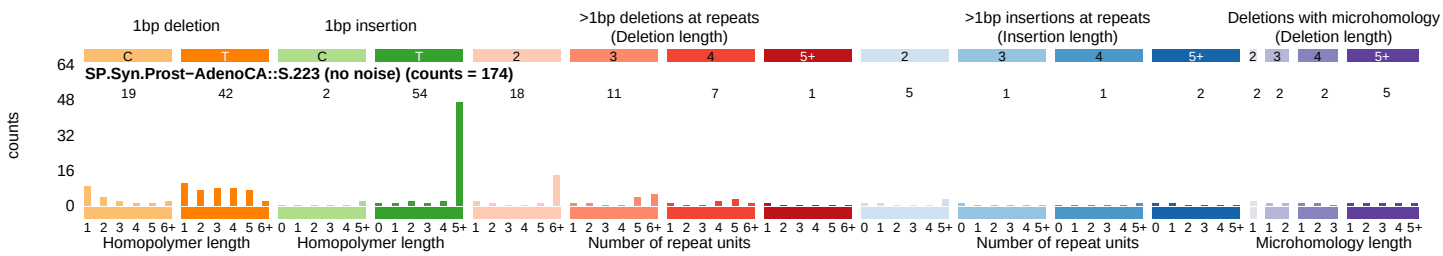

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.218 (no noise) (counts = 147)
counts
Homopolymer length
Number of repeat units
Microhomology length

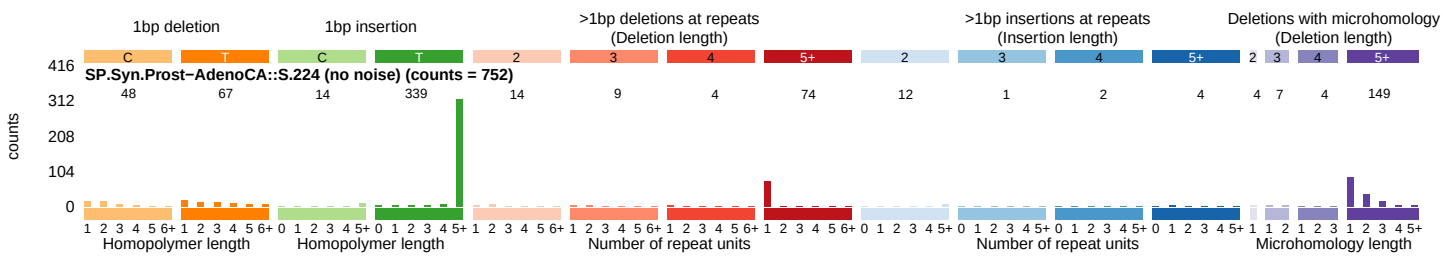

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.219 (no noise) (counts = 424)
counts
Homopolymer length
Number of repeat units
Microhomology length

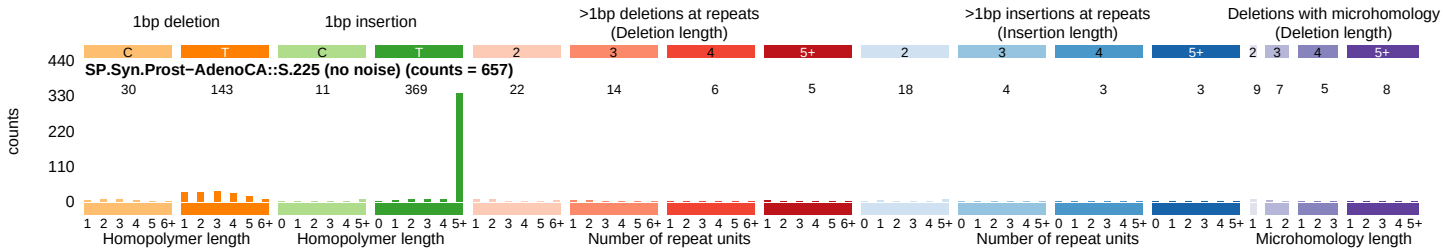

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.220 (no noise) (counts = 173)
counts
Homopolymer length
Number of repeat units
Microhomology length

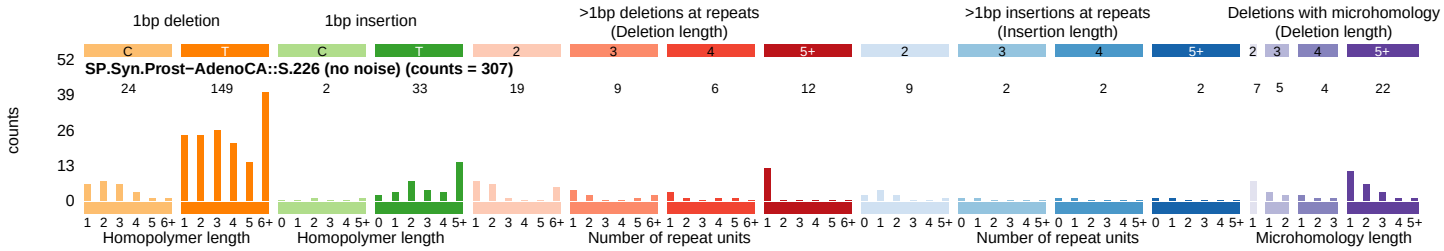

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.221 (no noise) (counts = 463)
counts
Homopolymer length
Number of repeat units
Microhomology length

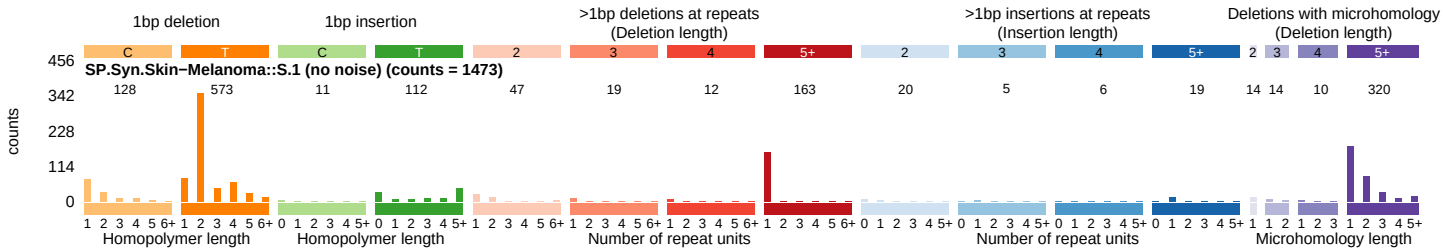

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.222 (no noise) (counts = 108)
counts
Homopolymer length
Number of repeat units
Microhomology length

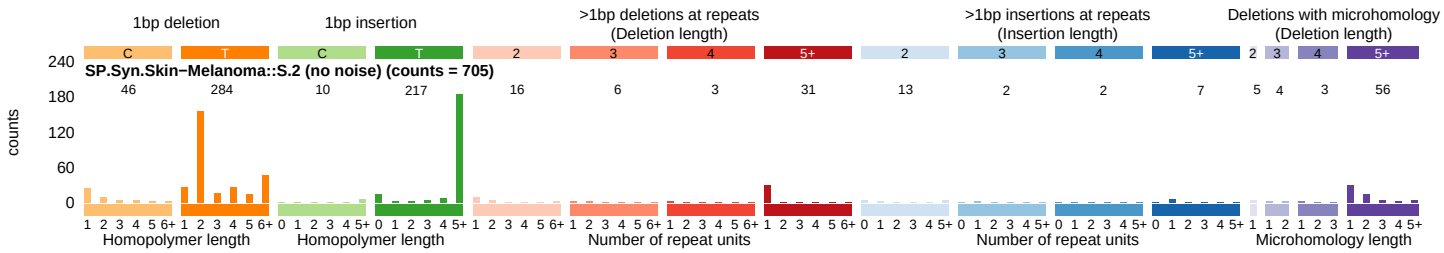

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.223 (no noise) (counts = 174)
counts
Homopolymer length
Number of repeat units
Microhomology length

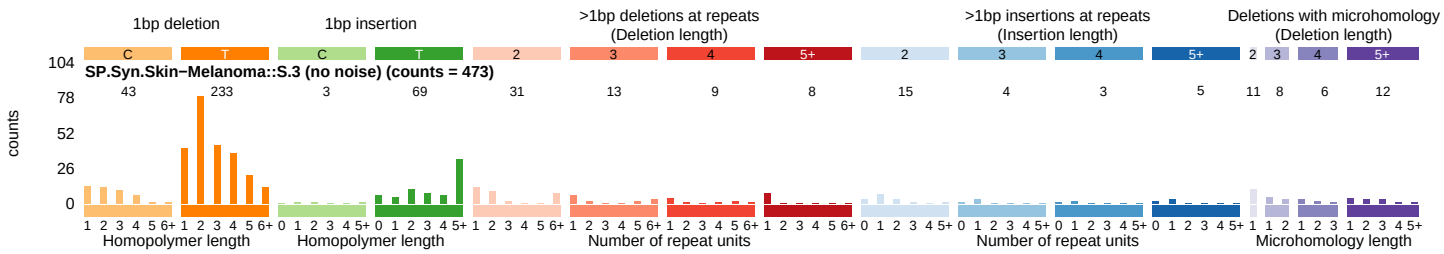

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.224 (no noise) (counts = 752)
counts
Homopolymer length
Number of repeat units
Microhomology length

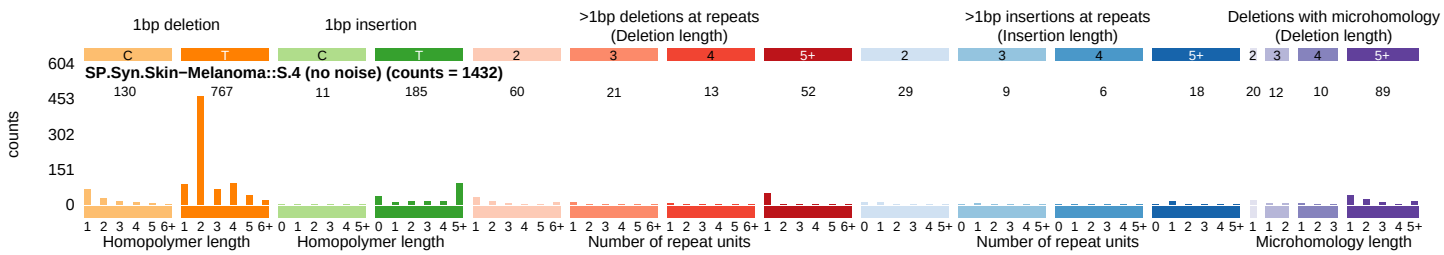

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.225 (no noise) (counts = 657)
counts
Homopolymer length
Number of repeat units
Microhomology length

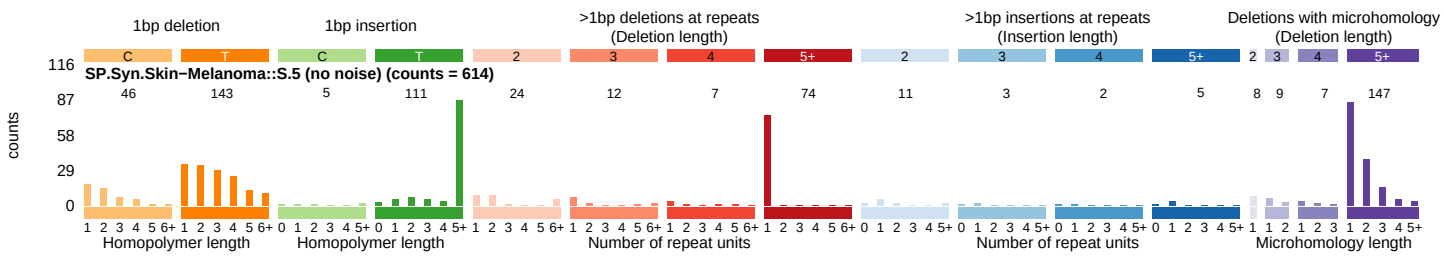

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.226 (no noise) (counts = 307)
counts
Homopolymer length
Number of repeat units
Microhomology length

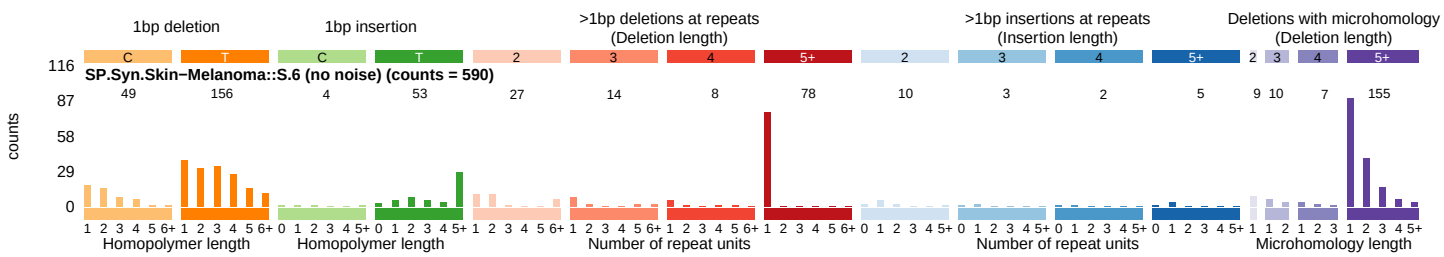

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.1 (no noise) (counts = 1473)
counts
Homopolymer length
Number of repeat units
Microhomology length

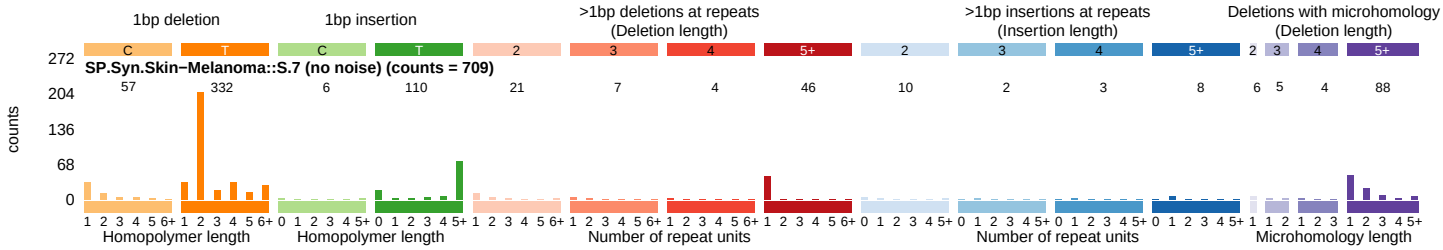

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.2 (no noise) (counts = 705)
counts
Homopolymer length
Number of repeat units
Microhomology length

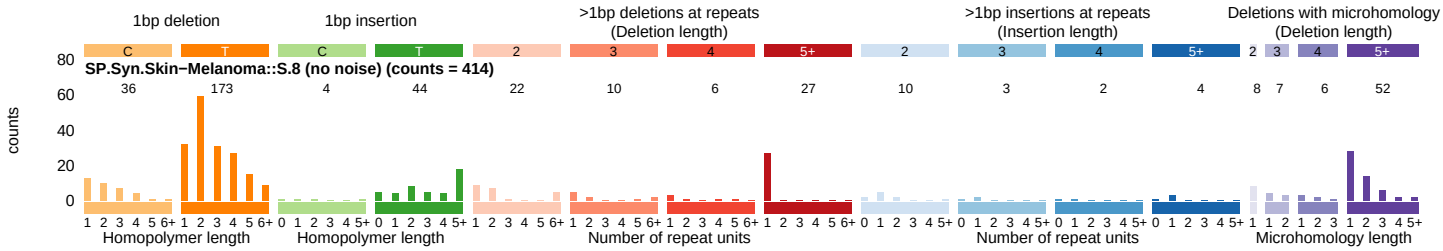

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.3 (no noise) (counts = 473)
counts
Homopolymer length
Number of repeat units
Microhomology length

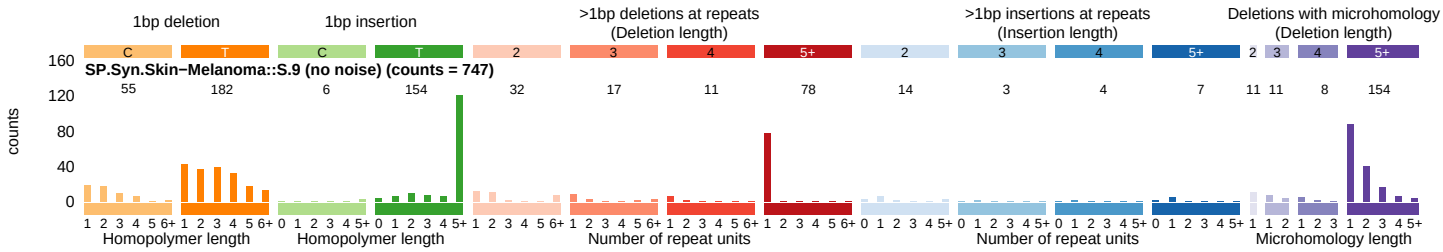

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.4 (no noise) (counts = 1432)
counts
Homopolymer length
Number of repeat units
Microhomology length

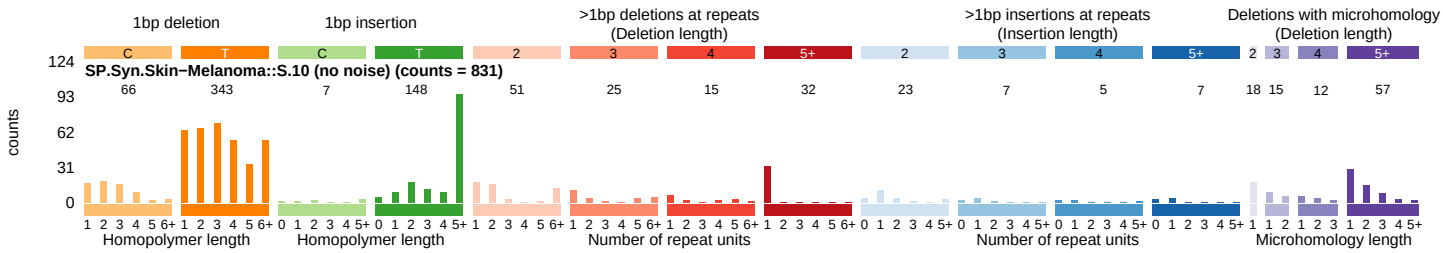

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.5 (no noise) (counts = 614)
counts
Homopolymer length
Number of repeat units
Microhomology length

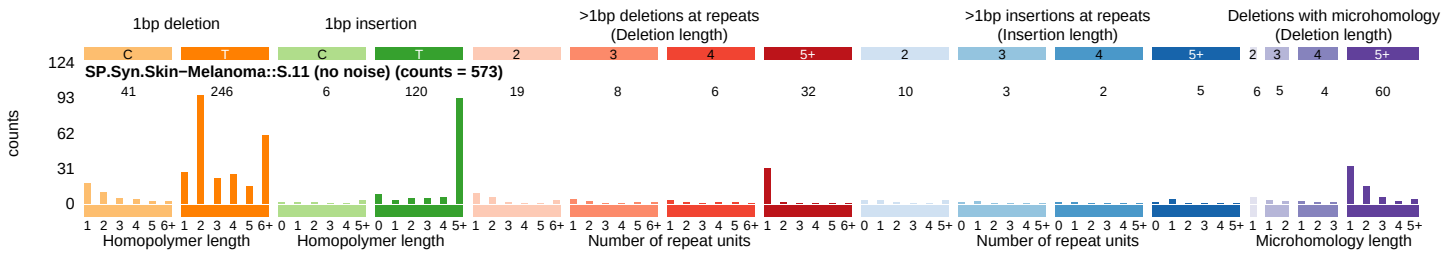

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.6 (no noise) (counts = 590)
counts
Homopolymer length
Number of repeat units
Microhomology length

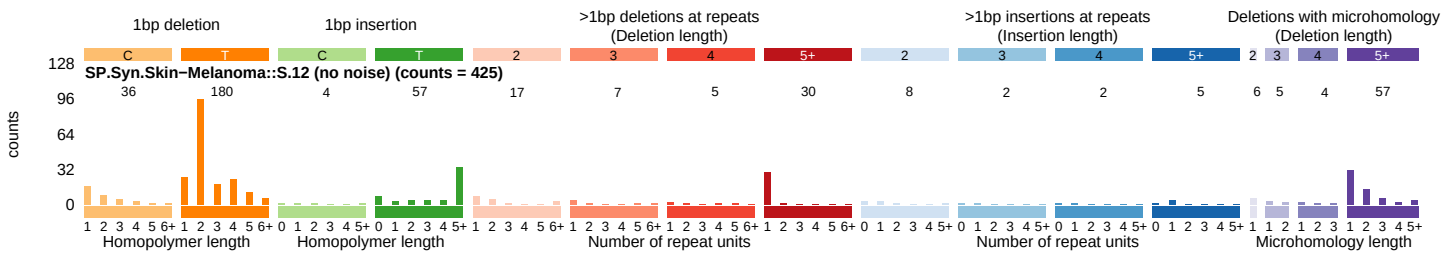

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.7 (no noise) (counts = 709)
57 332 6 110 21 7 4 46 10 2 3 8 6 5 4 88
counts
Homopolymer length
Number of repeat units
Microhomology length

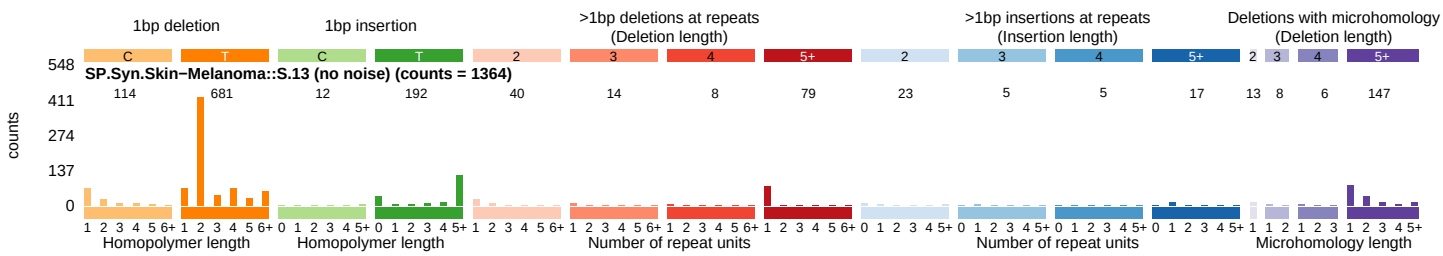

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.8 (no noise) (counts = 414)
36 173 4 44 22 10 6 27 10 3 2 4 8 7 6 52
counts
Homopolymer length
Number of repeat units
Microhomology length

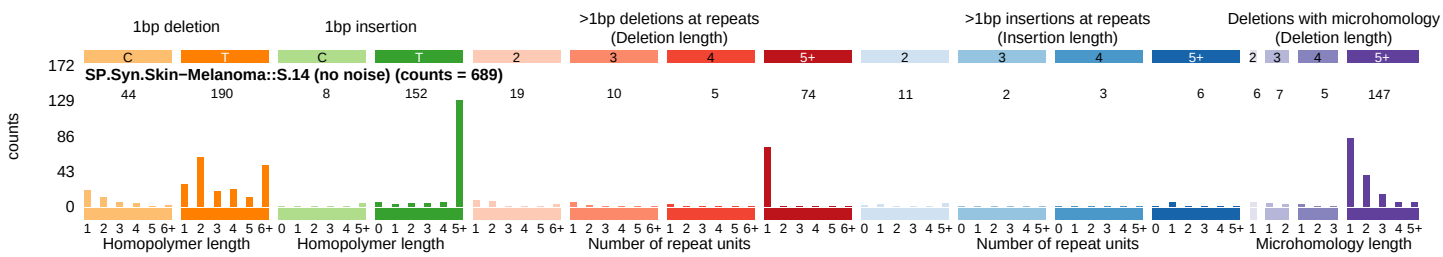

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.9 (no noise) (counts = 747)
55 182 6 154 32 17 11 78 14 3 4 7 11 11 8 154
counts
Homopolymer length
Number of repeat units
Microhomology length

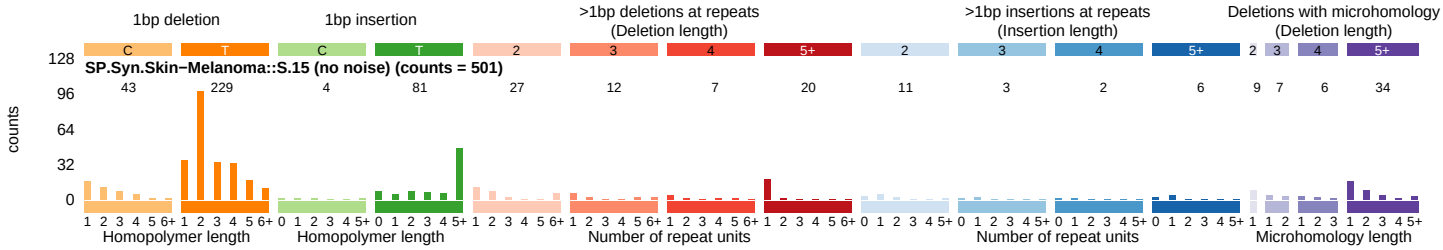

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.10 (no noise) (counts = 831)
66 343 7 148 51 25 15 32 23 7 5 7 18 15 12 57
counts
Homopolymer length
Number of repeat units
Microhomology length

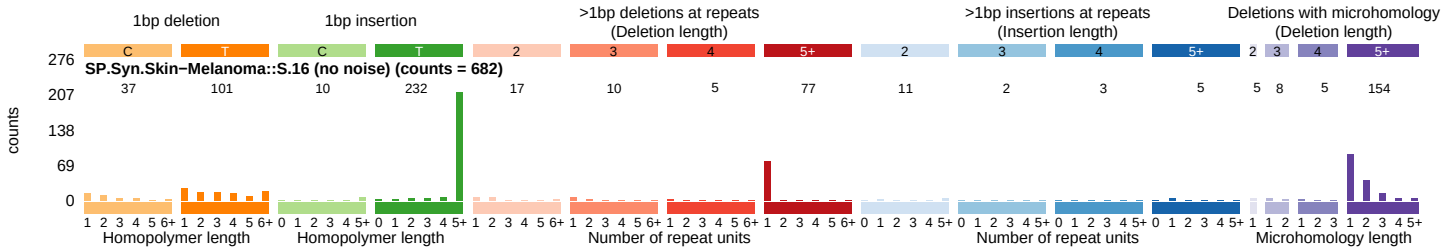

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.11 (no noise) (counts = 573)
41 246 6 120 19 8 6 32 10 3 2 5 6 5 4 60
counts
Homopolymer length
Number of repeat units
Microhomology length

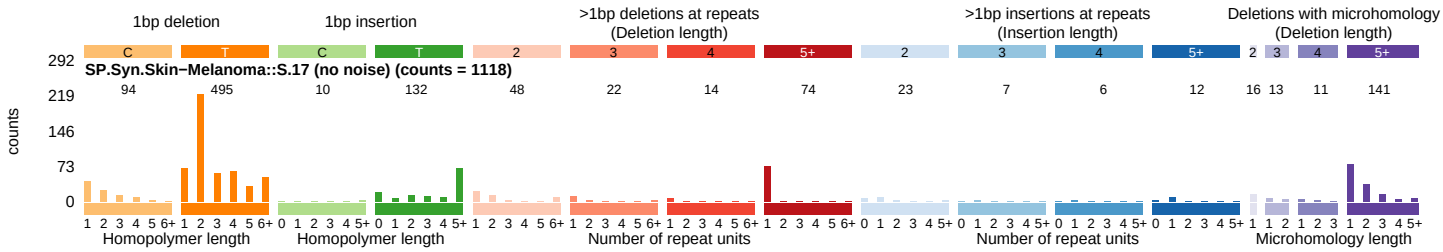

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.12 (no noise) (counts = 425)
36 180 4 57 17 7 5 30 8 2 2 5 6 5 4 57
counts
Homopolymer length
Number of repeat units
Microhomology length

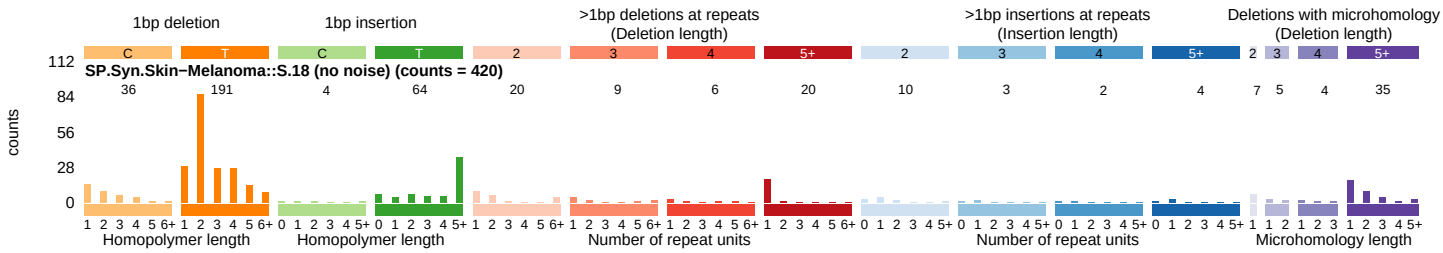

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.13 (no noise) (counts = 1364)
114 681 12 192 40 14 8 79 23 5 5 17 13 8 6 147
counts
Homopolymer length
Number of repeat units
Microhomology length

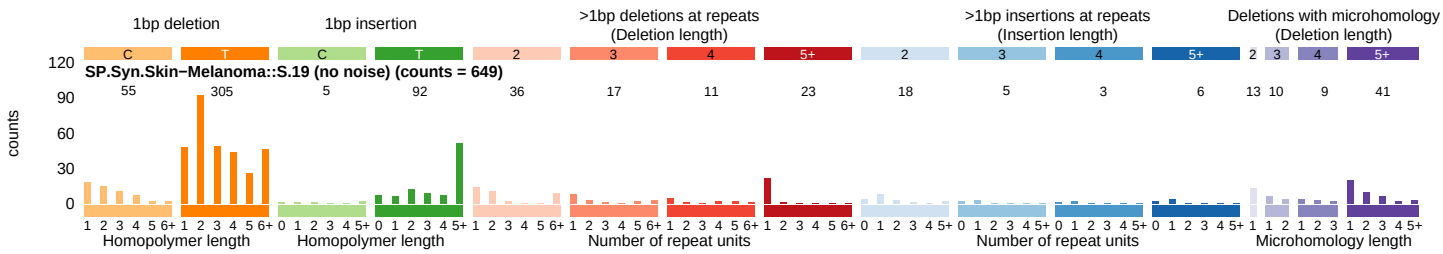

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.14 (no noise) (counts = 689)
44 190 8 152 19 10 5 74 11 2 3 6 6 7 5 147
counts
Homopolymer length
Number of repeat units
Microhomology length

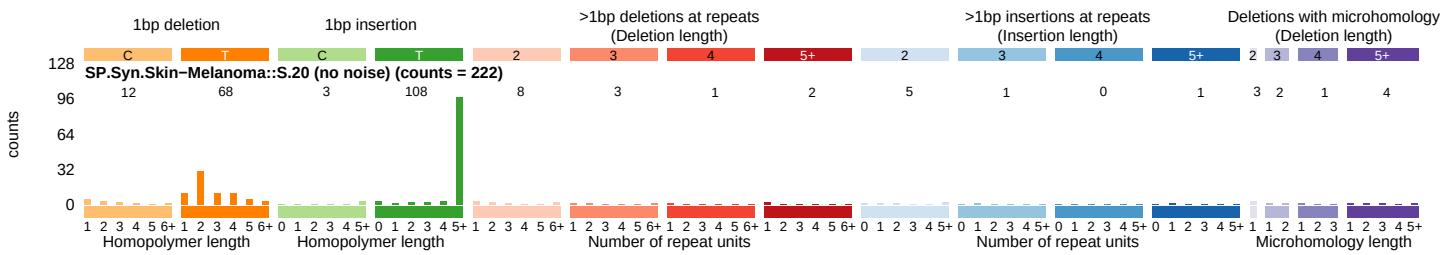

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.15 (no noise) (counts = 501)
43 229 4 81 27 12 7 20 11 3 2 6 9 7 6 34
counts
Homopolymer length
Number of repeat units
Microhomology length

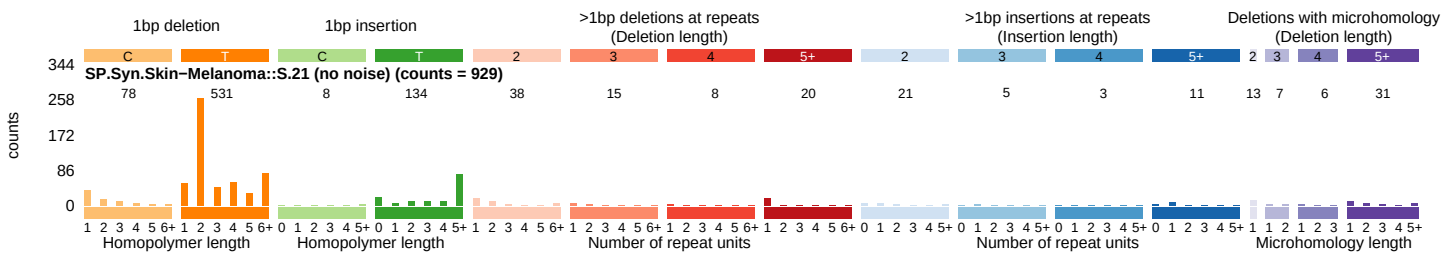

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.16 (no noise) (counts = 682)
37 101 10 232 17 10 5 77 11 2 3 5 5 8 5 154
counts
Homopolymer length
Number of repeat units
Microhomology length

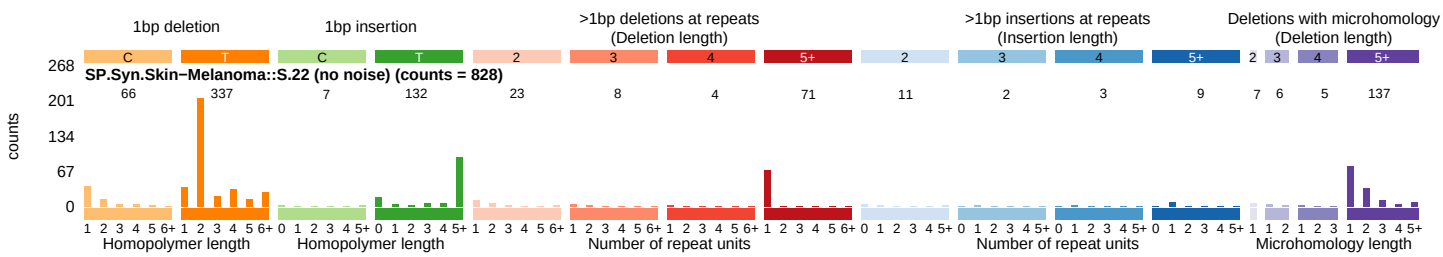

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.17 (no noise) (counts = 1118)
94 495 10 132 48 22 14 74 23 7 6 12 16 13 11 141
counts
Homopolymer length
Number of repeat units
Microhomology length

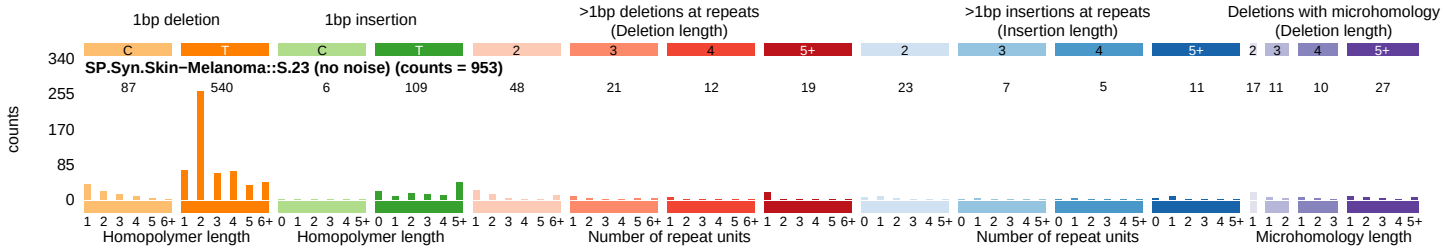

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.18 (no noise) (counts = 420)
36 191 4 64 20 9 6 20 10 3 2 4 7 5 4 35
counts
Homopolymer length
Number of repeat units
Microhomology length

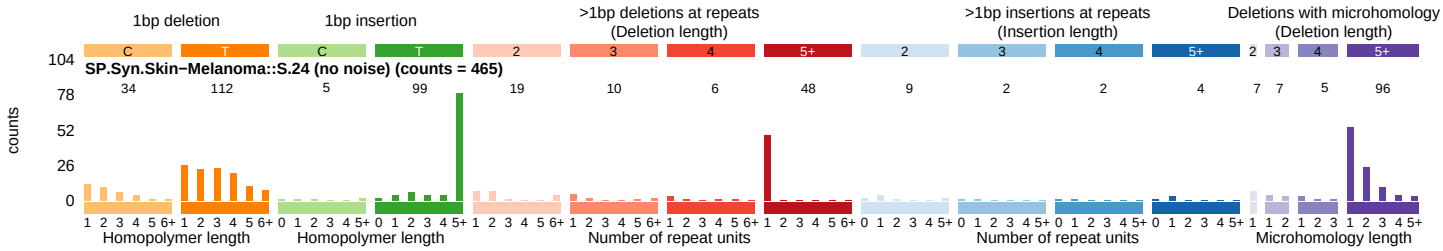

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.19 (no noise) (counts = 649)
55 305 5 92 36 17 11 23 18 5 3 6 13 10 9 41
counts
Homopolymer length
Number of repeat units
Microhomology length

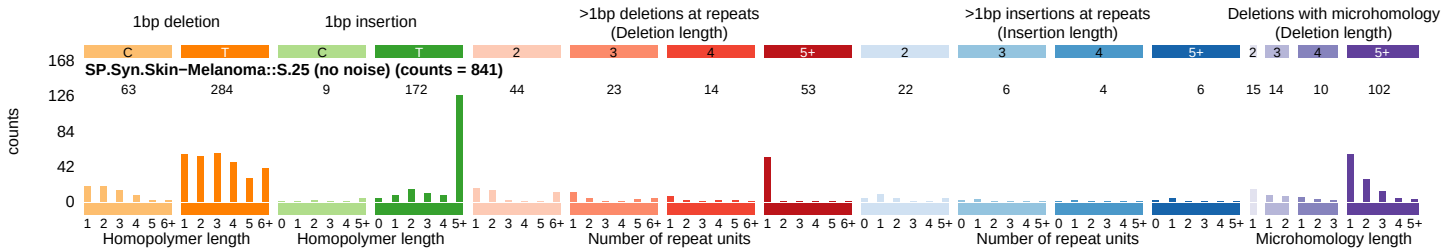

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.20 (no noise) (counts = 222)
12 68 3 108 8 3 1 2 5 1 0 1 3 2 1 4
counts
Homopolymer length
Number of repeat units
Microhomology length

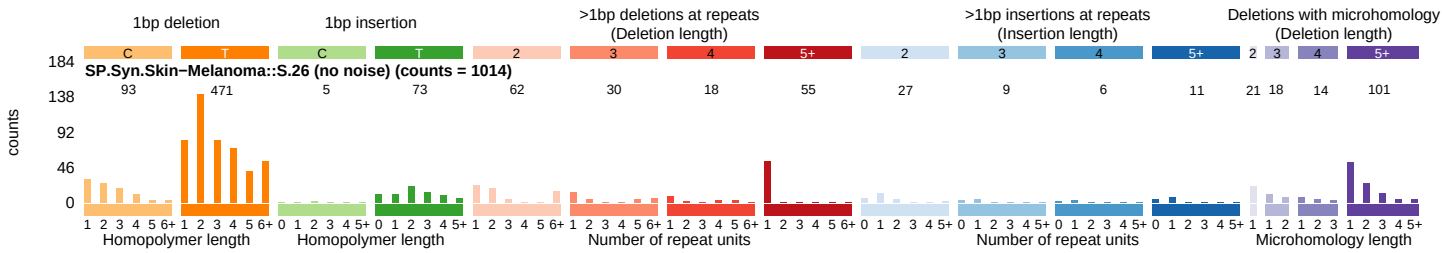

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.21 (no noise) (counts = 929)
78 531 8 134 38 15 8 20 21 5 3 11 13 7 6 31
counts
Homopolymer length
Number of repeat units
Microhomology length

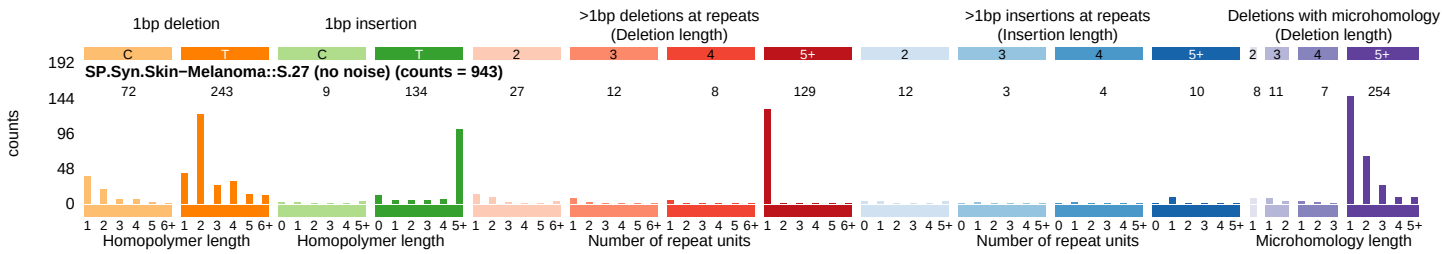

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.22 (no noise) (counts = 828)
66 337 7 132 23 8 4 71 11 2 3 9 7 6 5 137
counts
Homopolymer length
Number of repeat units
Microhomology length

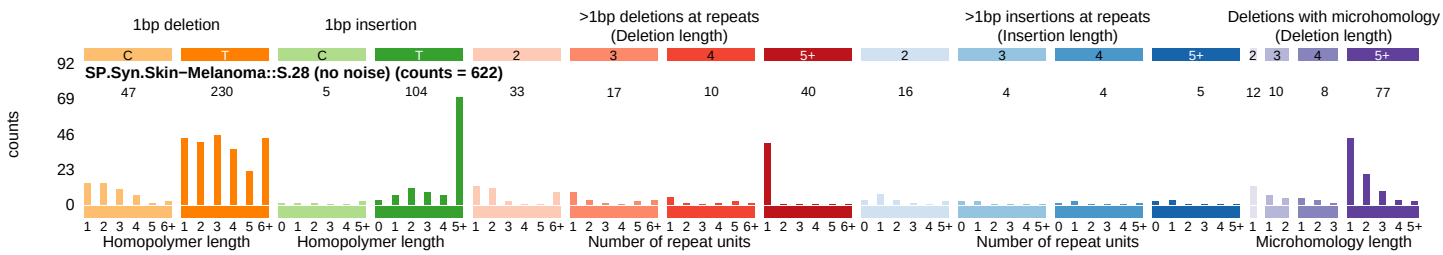

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.23 (no noise) (counts = 953)
87 540 6 109 48 21 12 19 23 7 5 11 17 11 10 27
counts
340 255 170 85 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

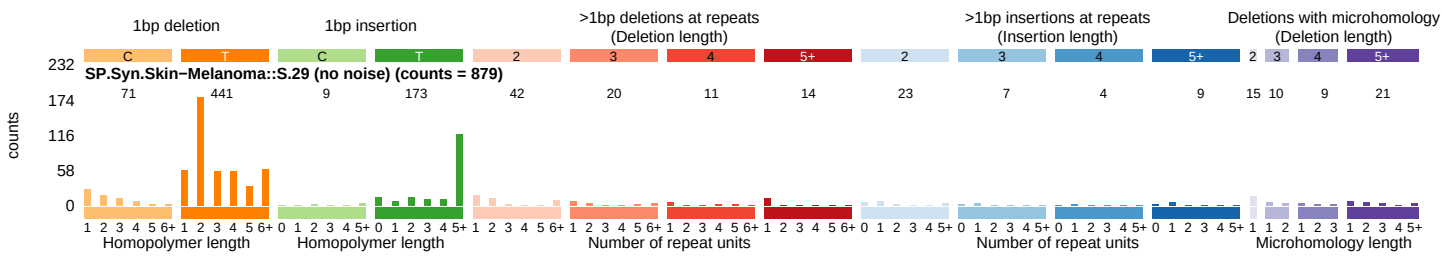

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.24 (no noise) (counts = 465)
34 112 5 99 19 10 6 48 9 2 2 4 7 7 5 96
counts
104 78 52 26 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

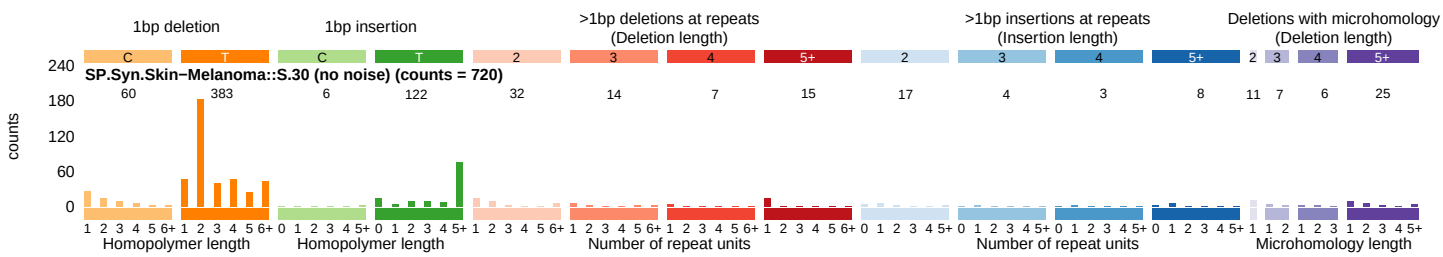

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.25 (no noise) (counts = 841)
63 284 9 172 44 23 14 53 22 6 4 6 15 14 10 102
counts
168 126 84 42 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

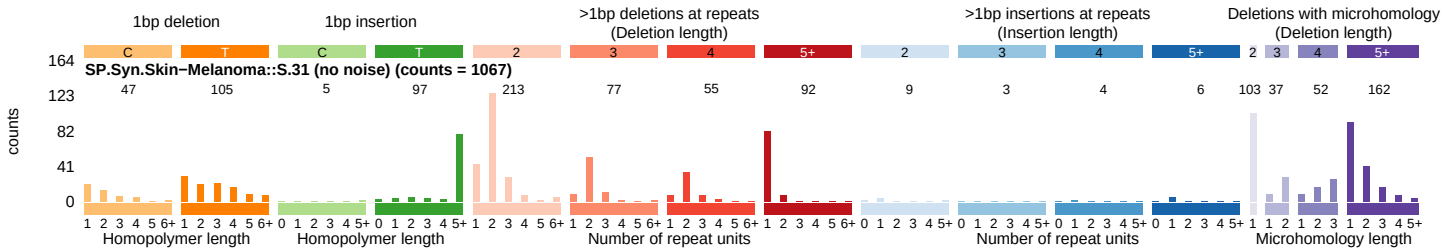

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.26 (no noise) (counts = 1014)
93 471 5 73 62 30 18 55 27 9 6 11 21 18 14 101
counts
184 138 92 46 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

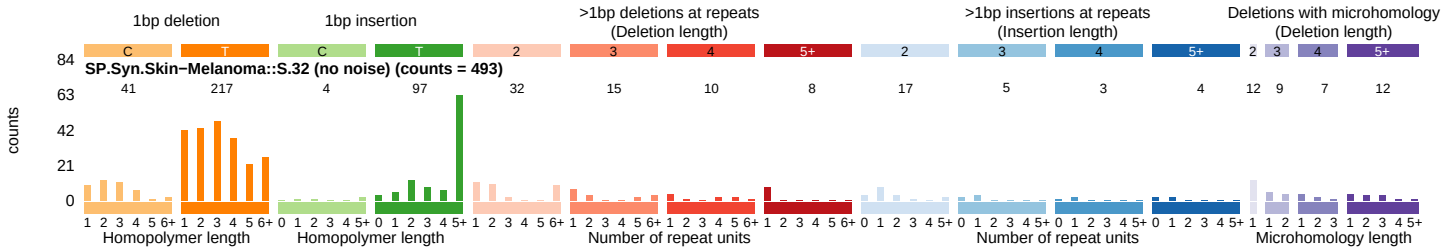

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.27 (no noise) (counts = 943)
72 243 9 134 27 12 8 129 12 3 4 10 8 11 7 254
counts
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

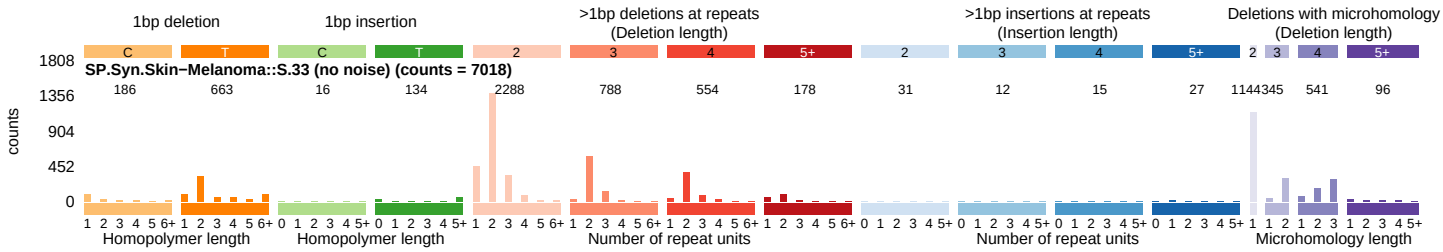

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.28 (no noise) (counts = 622)
47 230 5 104 33 17 10 40 16 4 4 5 12 10 8 77
counts
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

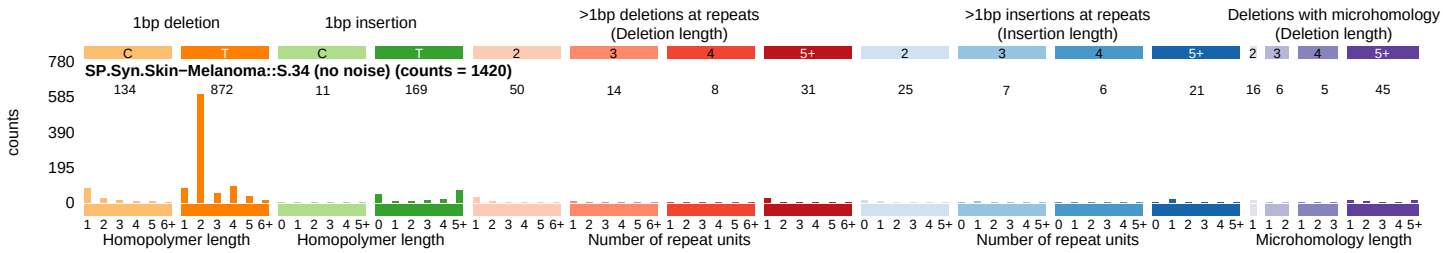

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.29 (no noise) (counts = 879)
71 441 9 173 42 20 11 14 23 7 4 9 15 10 9 21
counts
232 174 116 58 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

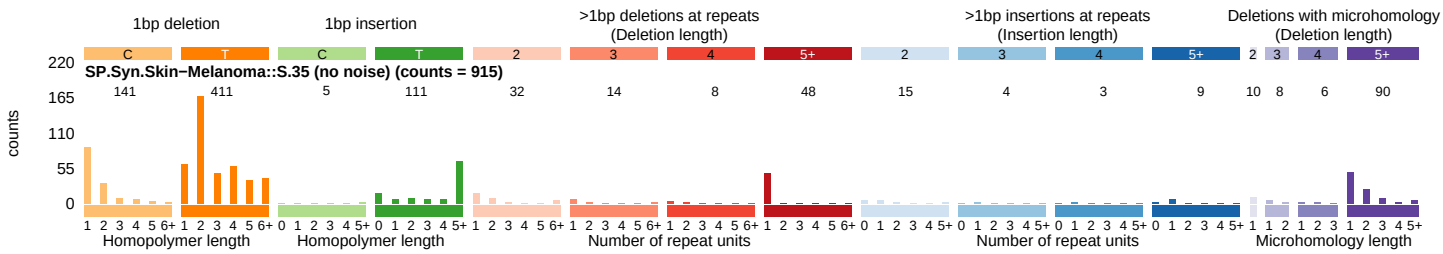

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.30 (no noise) (counts = 720)
60 383 6 122 32 14 7 15 17 4 3 8 11 7 6 25
counts
240 180 120 60 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

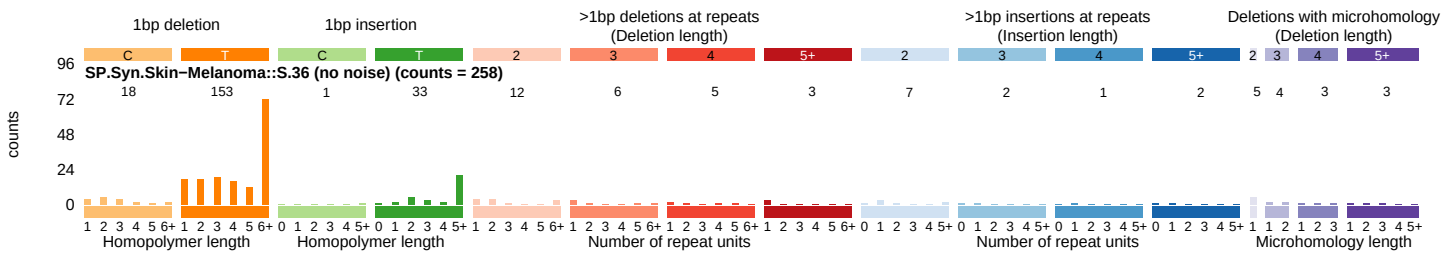

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.31 (no noise) (counts = 1067)
counts
Homopolymer length
Number of repeat units
Microhomology length

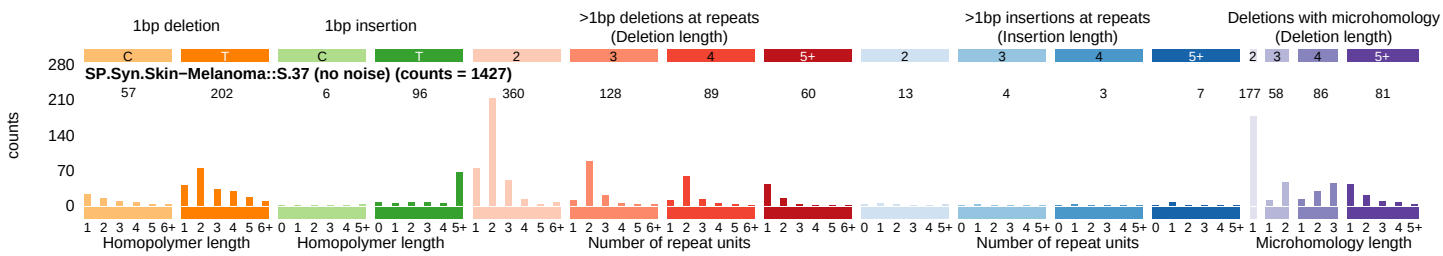

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.32 (no noise) (counts = 493)
counts
Homopolymer length
Number of repeat units
Microhomology length

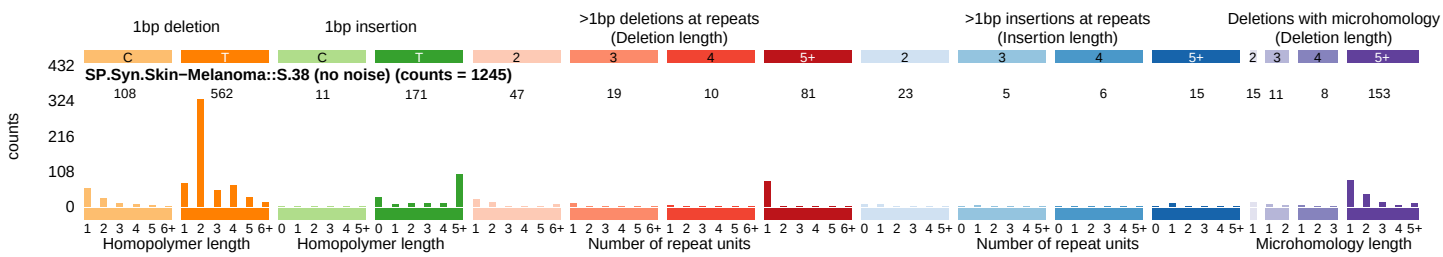

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.33 (no noise) (counts = 7018)
counts
Homopolymer length
Number of repeat units
Microhomology length

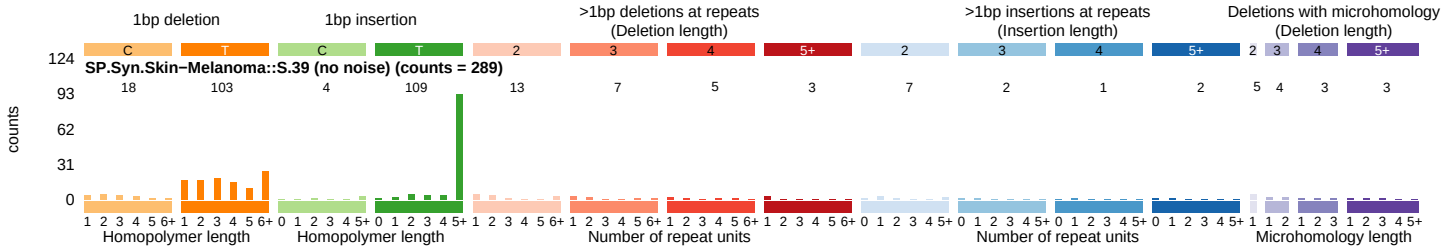

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.34 (no noise) (counts = 1420)
counts
Homopolymer length
Number of repeat units
Microhomology length

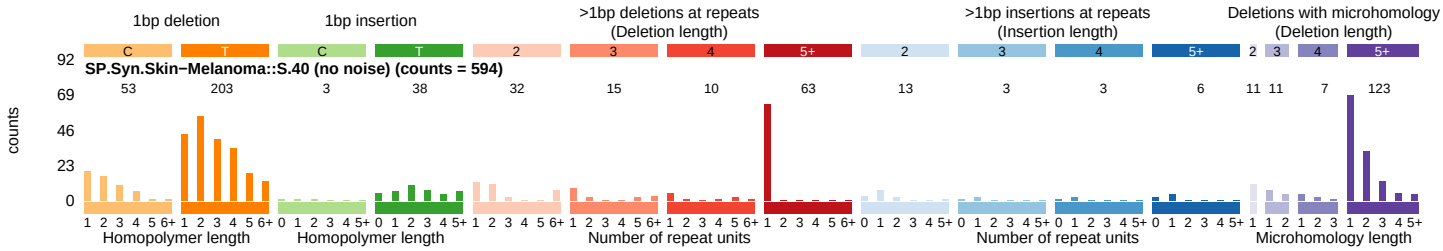

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.35 (no noise) (counts = 915)
counts
Homopolymer length
Number of repeat units
Microhomology length

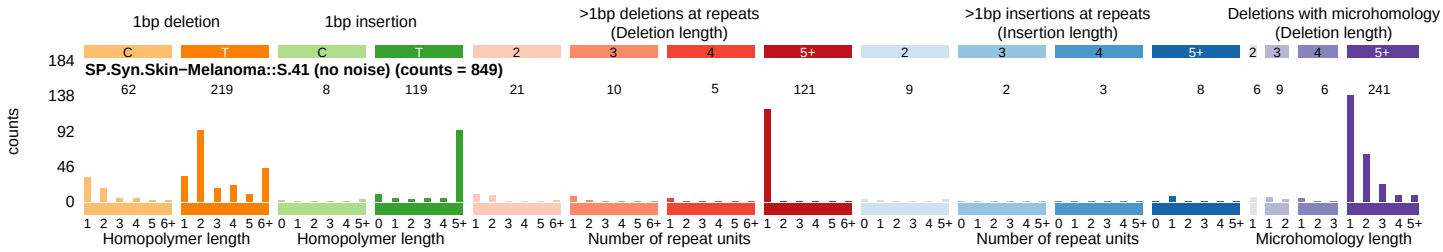

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.36 (no noise) (counts = 258)
counts
Homopolymer length
Number of repeat units
Microhomology length

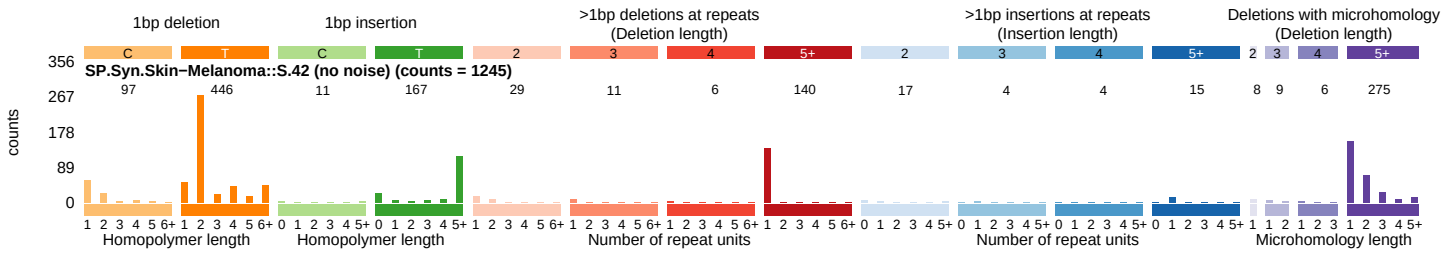

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.37 (no noise) (counts = 1427)
counts
Homopolymer length
Number of repeat units
Microhomology length

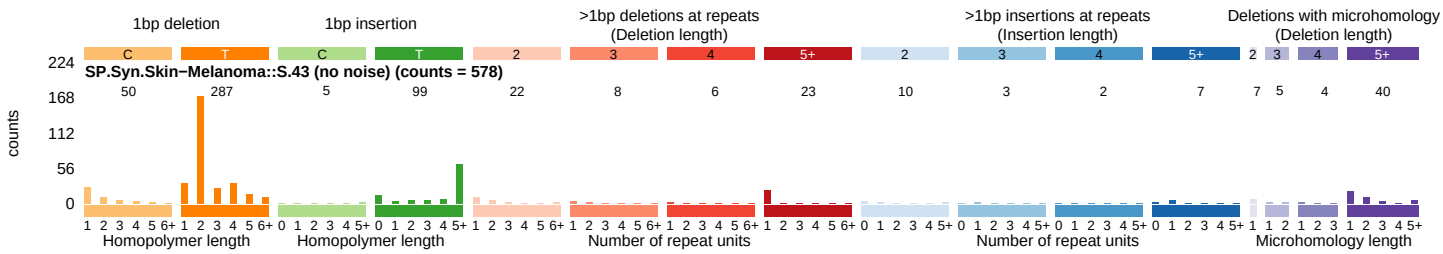

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.38 (no noise) (counts = 1245)
counts
Homopolymer length
Number of repeat units
Microhomology length

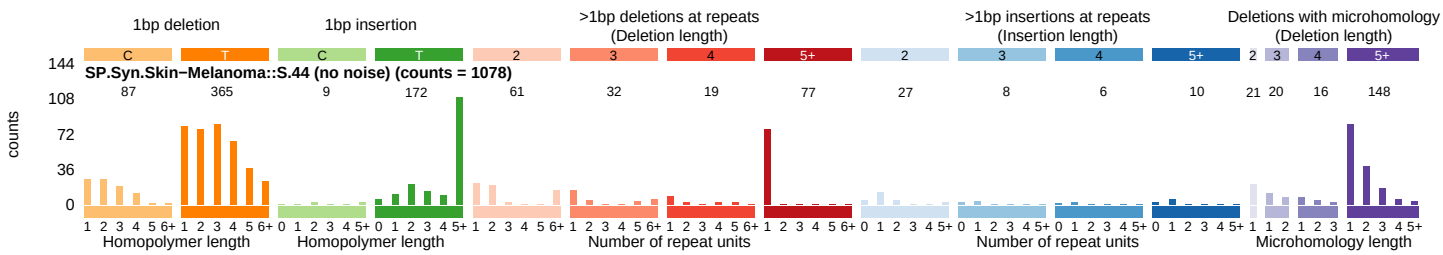

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.39 (no noise) (counts = 289)
18 103 4 109 13 7 5 3 7 2 1 2 5 4 3 3
counts
Homopolymer length
Number of repeat units
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.Skin−Melanoma::S.40 (no noise) (counts = 594)
53 203 3 38 32 15 10 63 13 3 3 6 11 11 7 123
counts
Homopolymer length
Number of repeat units
Microhomology 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.41 (no noise) (counts = 849)
62 219 8 119 21 10 5 121 9 2 3 8 6 9 6 241
counts
Homopolymer length
Number of repeat units
Microhomology 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.42 (no noise) (counts = 1245)
97 446 11 167 29 11 6 140 17 4 4 15 8 9 6 275
counts
Homopolymer length
Number of repeat units
Microhomology 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.43 (no noise) (counts = 578)
50 287 5 99 22 8 6 23 10 3 2 7 7 5 4 40
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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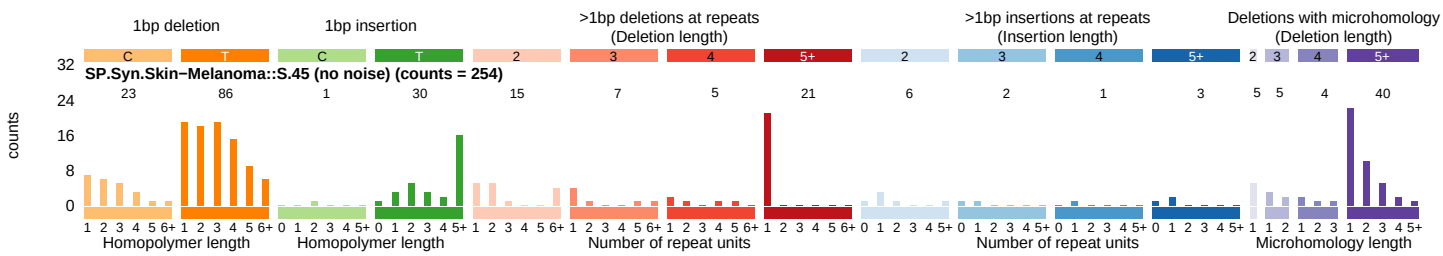
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.44 (no noise) (counts = 1078)
87 365 9 172 61 32 19 77 27 8 6 10 21 20 16 148
counts
Homopolymer length
Number of repeat units
Microhomology length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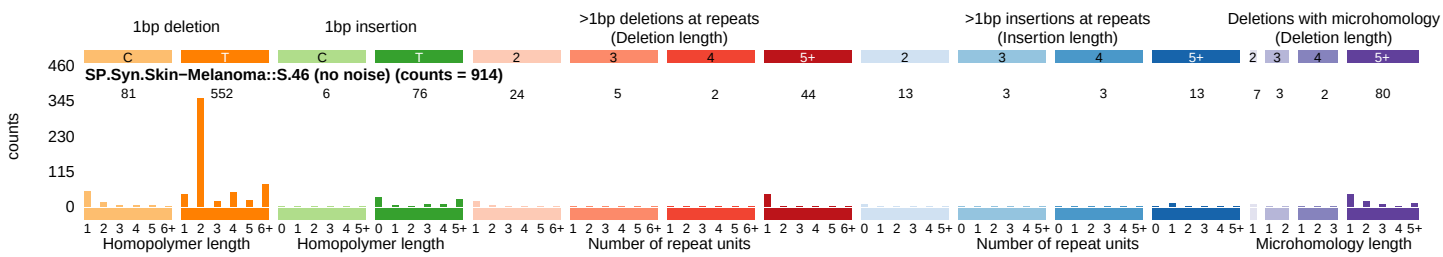
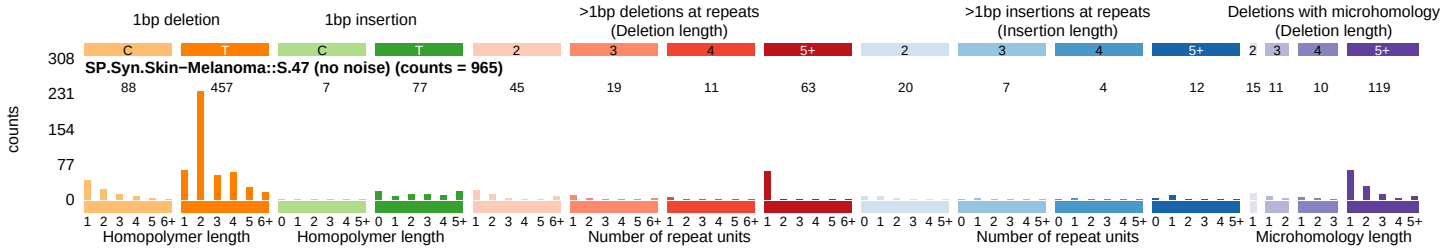
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.45 (no noise) (counts = 254)
23 86 1 30 15 7 5 21 6 2 1 3 5 5 4 40
counts
Homopolymer length
Number of repeat units
Microhomology 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.46 (no noise) (counts = 914)
81 552 6 76 24 5 2 44 13 3 3 13 7 3 2 80
counts
Homopolymer length
Number of repeat units
Microhomology length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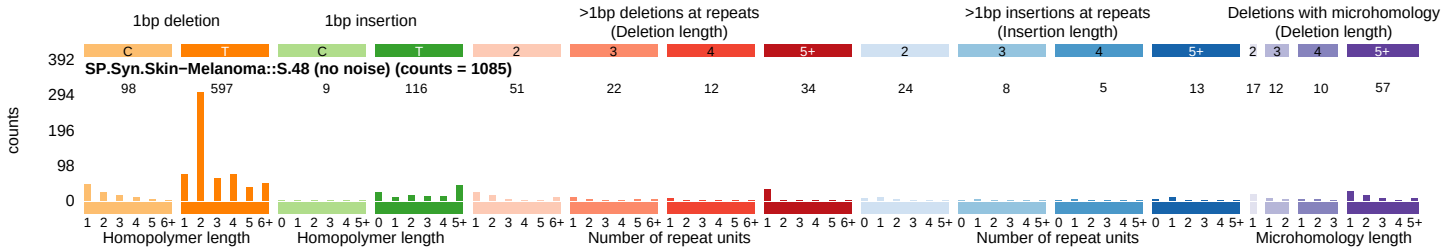
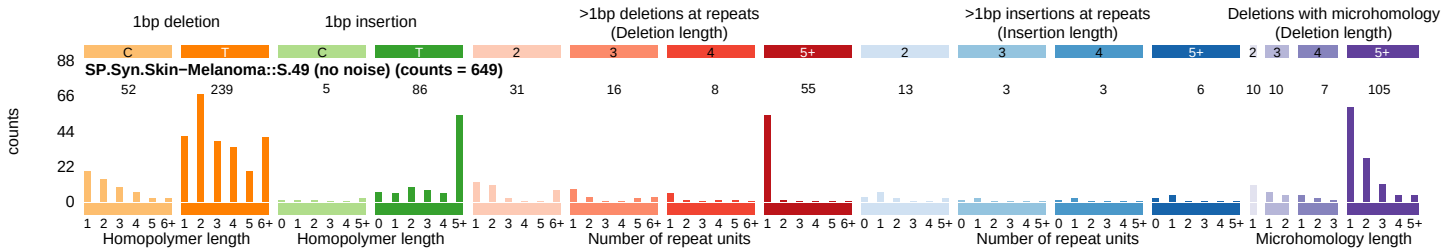
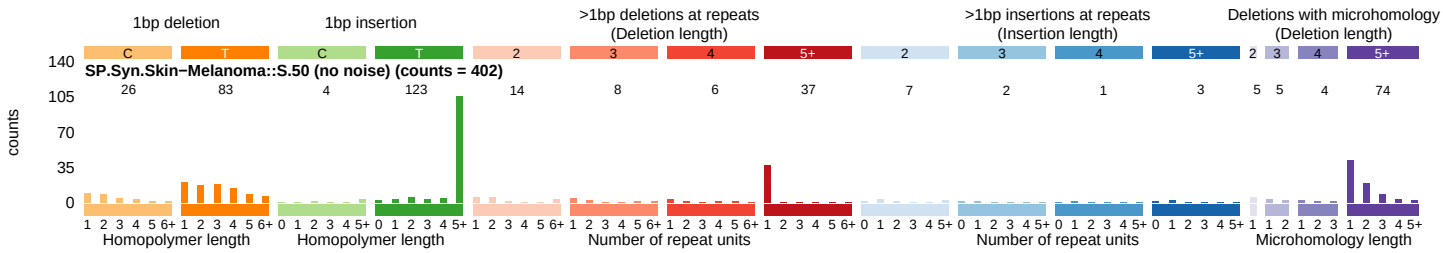
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.47 (no noise) (counts = 965)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 = 1085)
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 649)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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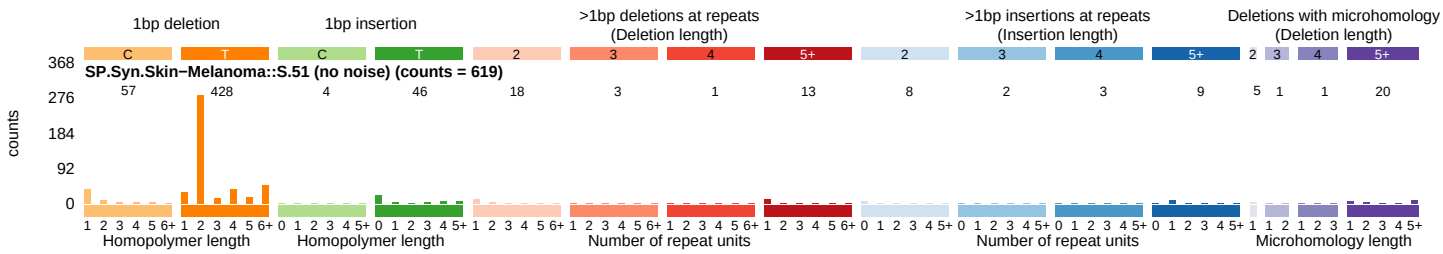
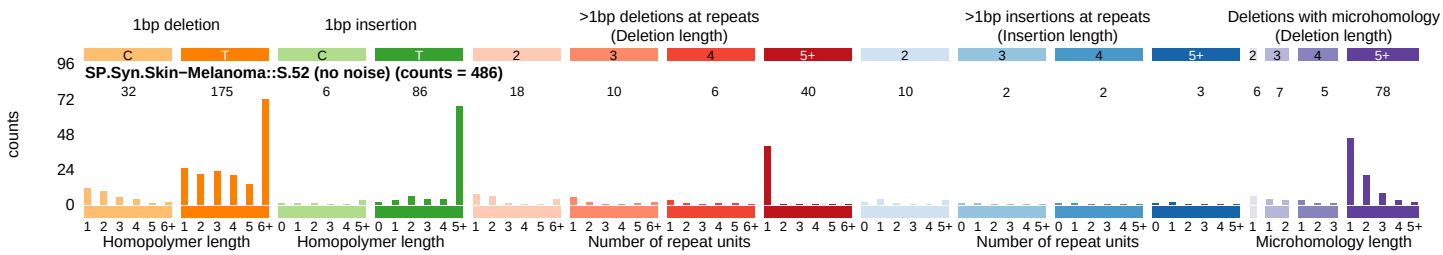
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.50 (no noise) (counts = 402)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.51 (no noise) (counts = 619)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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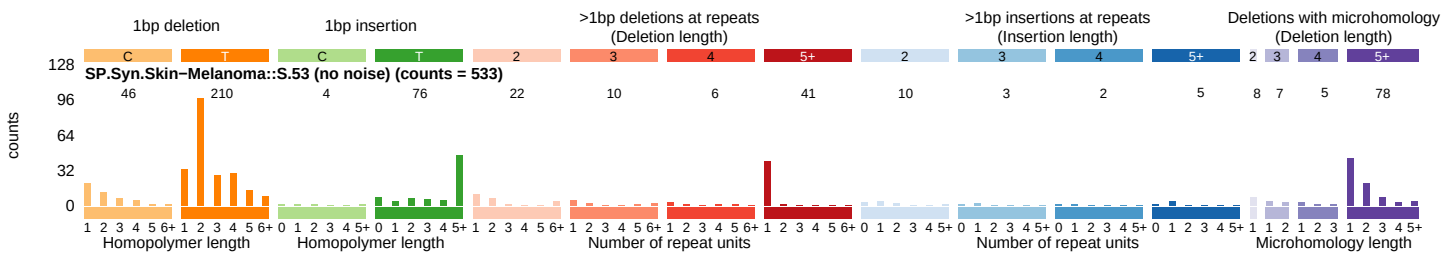
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.52 (no noise) (counts = 486)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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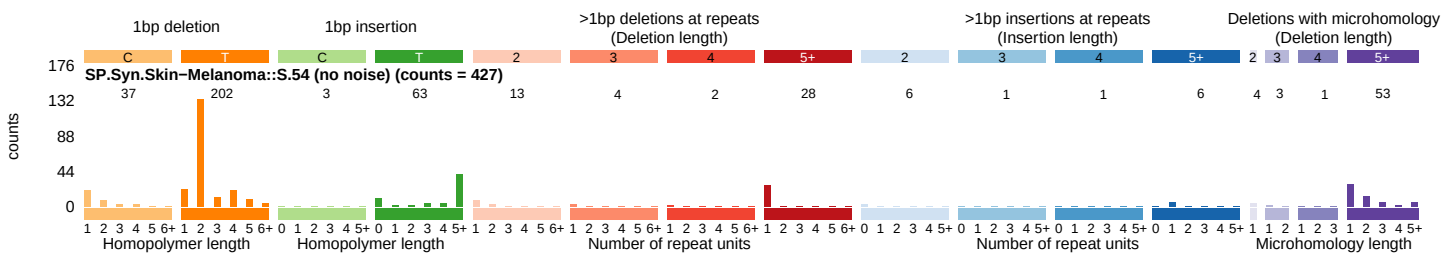
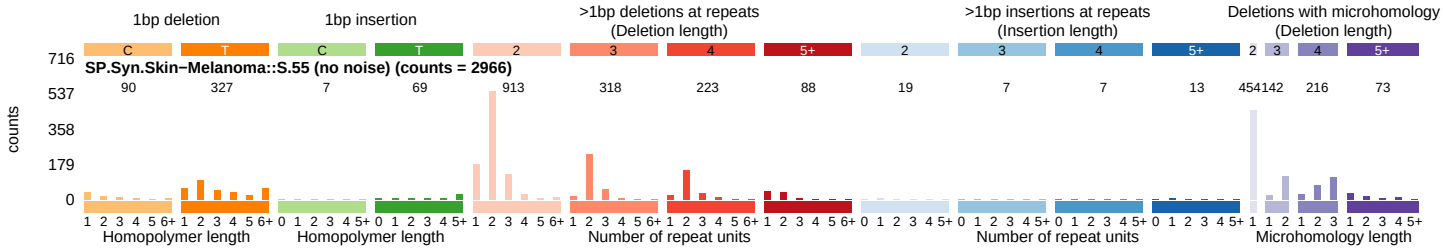
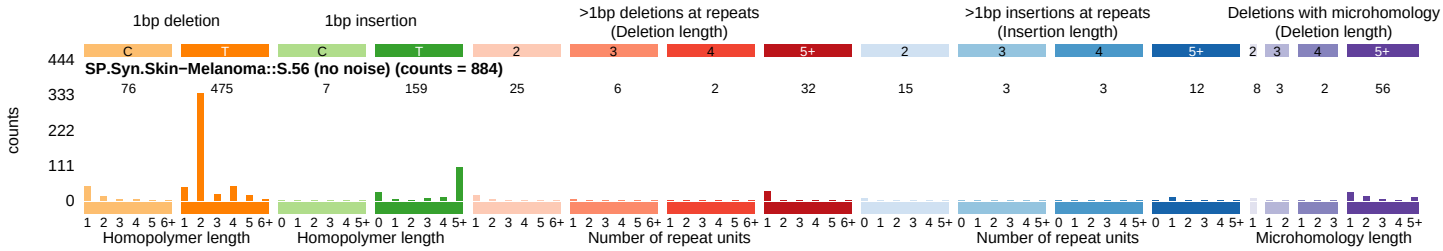
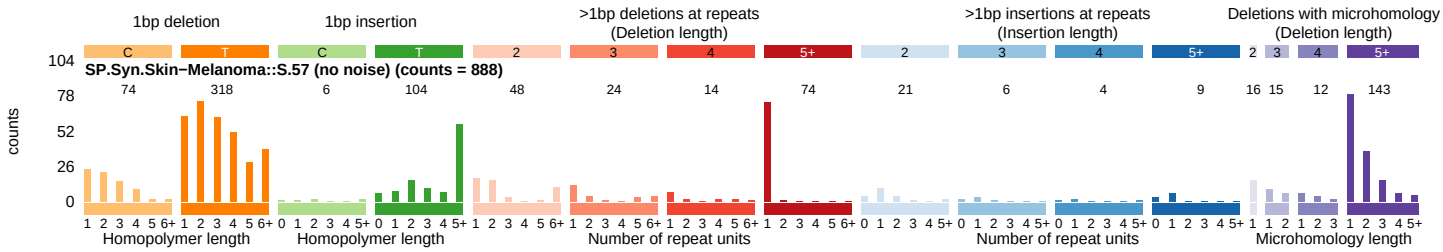
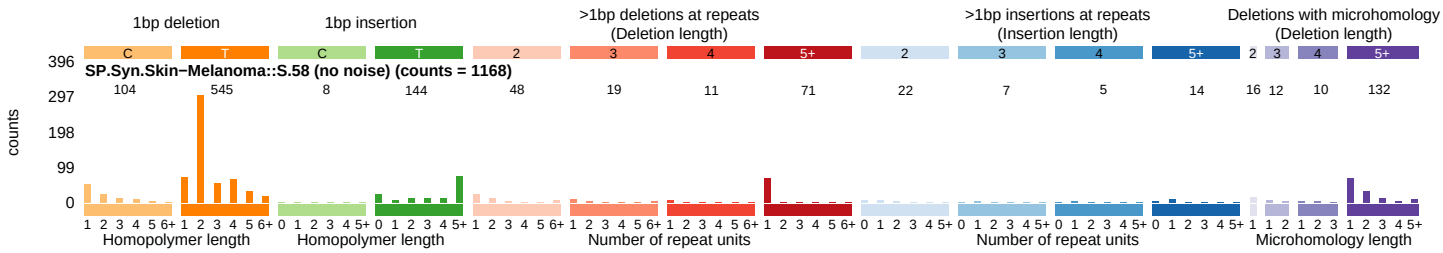
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.53 (no noise) (counts = 533)
counts
Homopolymer length
Number of repeat units
Microhomology length

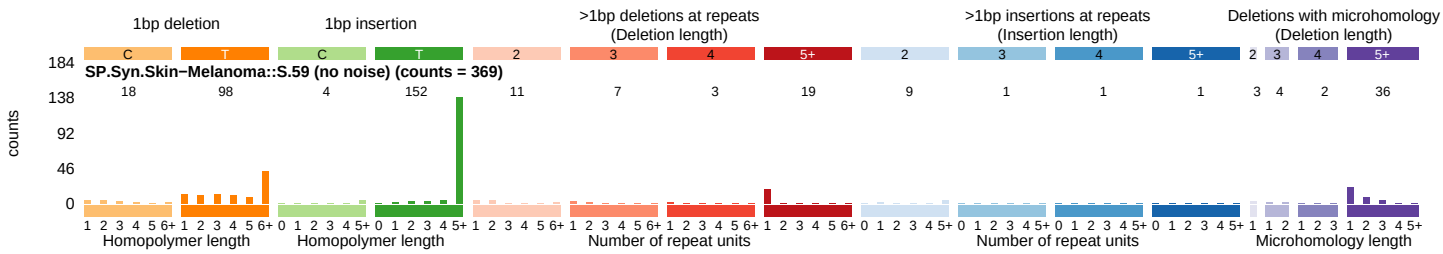

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.54 (no noise) (counts = 427)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.55 (no noise) (counts = 2966)
90 327 7 69 913 318 223 88 19 7 7 13 454 142 216 73
counts
716 537 358 179 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.56 (no noise) (counts = 884)
76 475 7 159 25 6 2 32 15 3 3 12 8 3 2 56
counts
444 333 222 111 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.57 (no noise) (counts = 888)
74 318 6 104 48 24 14 74 21 6 4 9 16 15 12 143
counts
104 78 52 26 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.58 (no noise) (counts = 1168)
104 545 8 144 48 19 11 71 22 7 5 14 16 12 10 132
counts
396 297 198 99 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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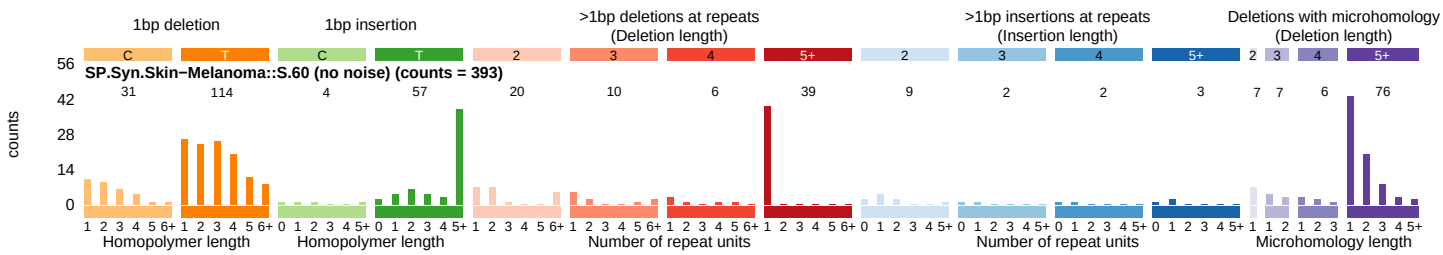
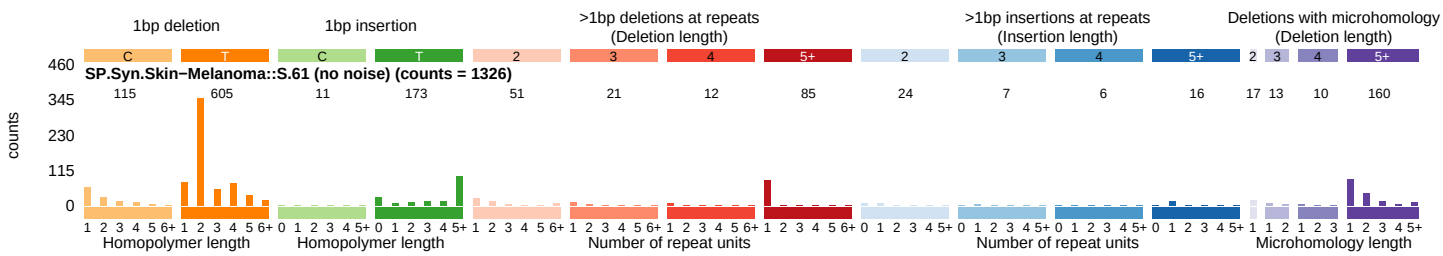
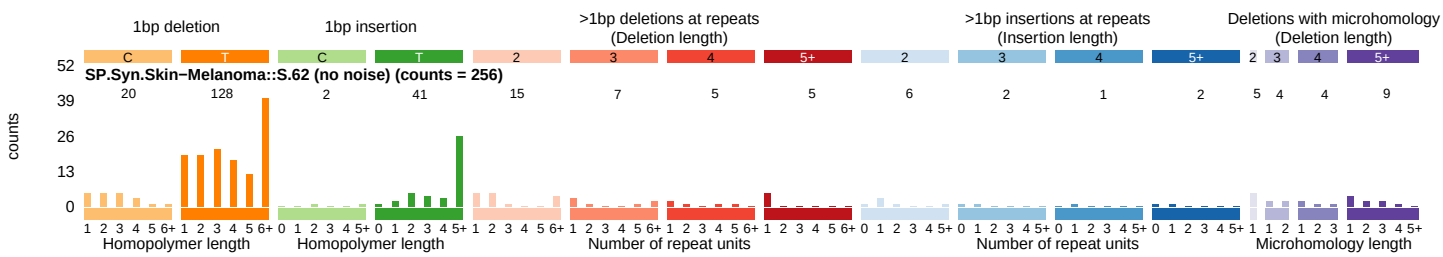
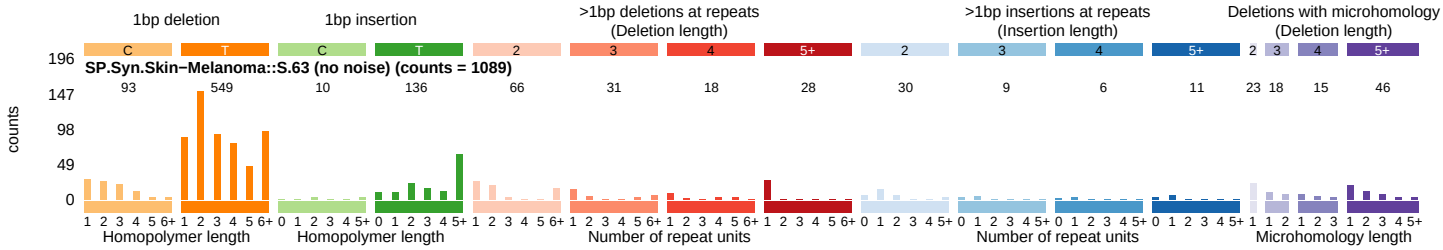
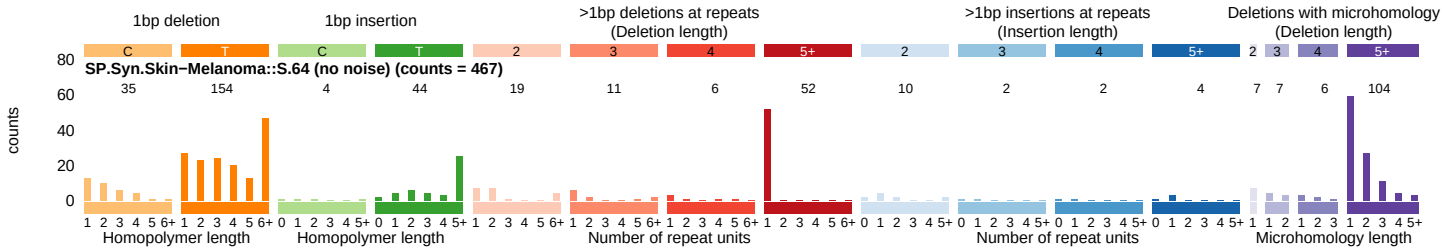
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.59 (no noise) (counts = 369)
18 98 4 152 11 7 3 19 9 1 1 1 3 4 2 36
counts
184 138 92 46 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

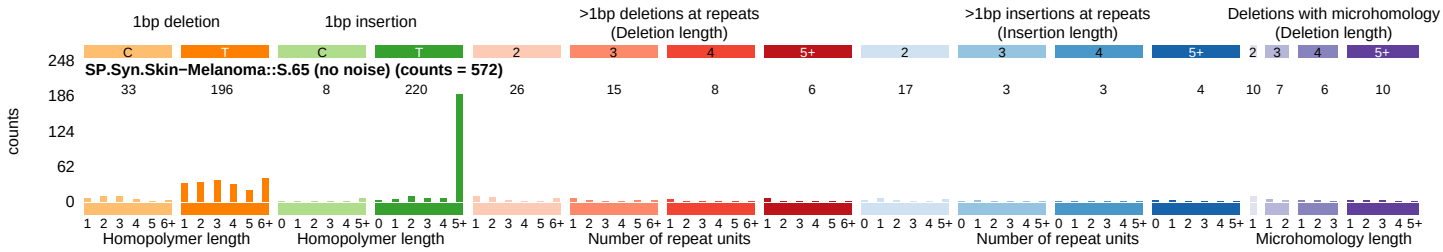

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.60 (no noise) (counts = 393)
31 114 4 57 20 10 6 39 9 2 2 3 7 7 6 76
counts
56 42 28 14 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

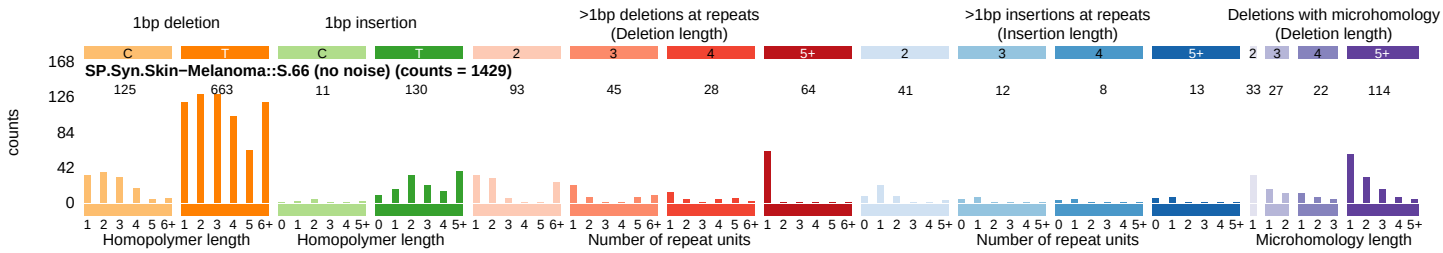

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.61 (no noise) (counts = 1326)
115 605 11 173 51 21 12 85 24 7 6 16 17 13 10 160
counts
460 345 230 115 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

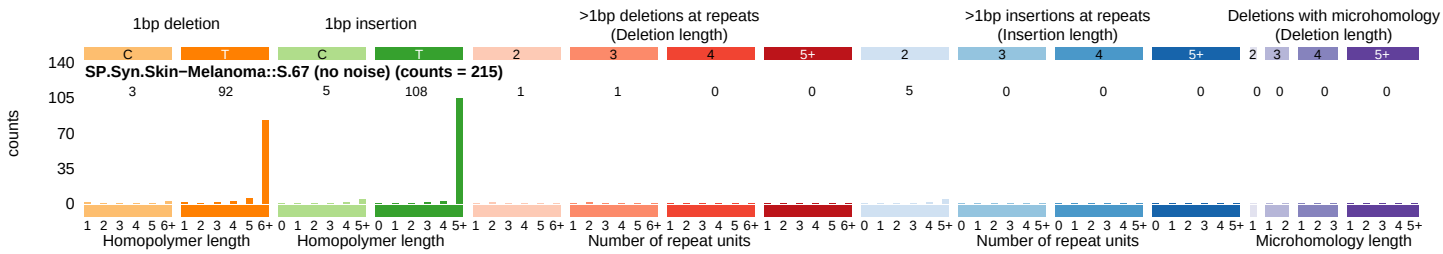

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.62 (no noise) (counts = 256)
20 128 2 41 15 7 5 5 6 2 1 2 5 4 4 9
counts
52 39 26 13 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

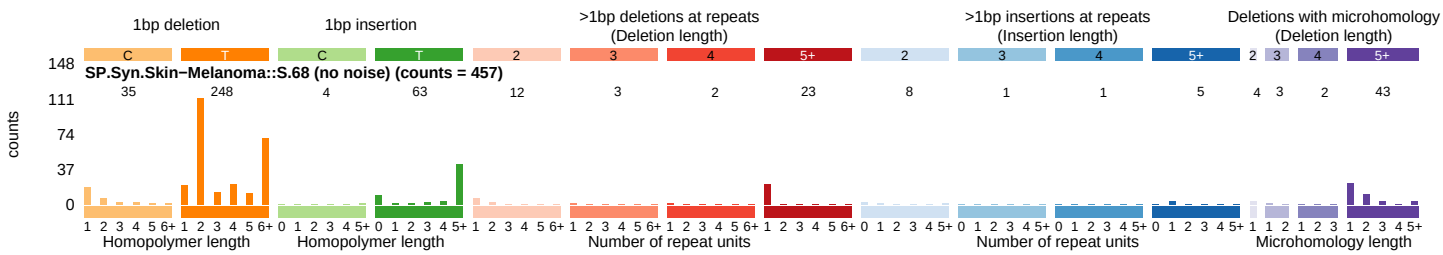

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.63 (no noise) (counts = 1089)
counts
Homopolymer length
Number of repeat units
Microhomology length

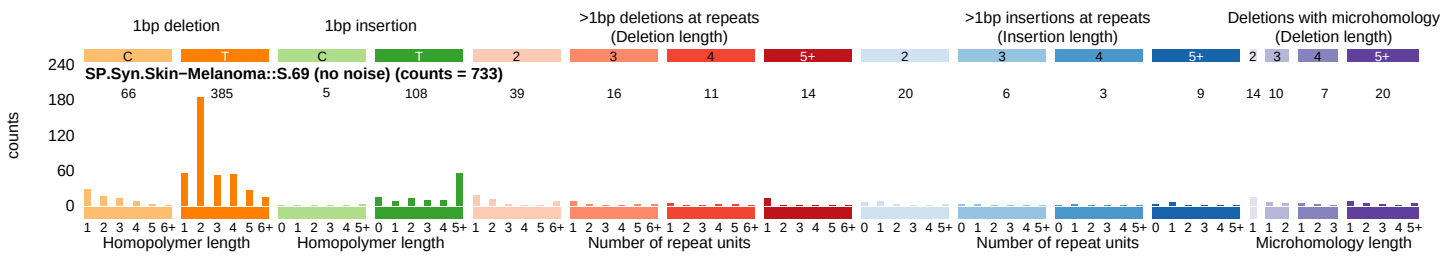

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.64 (no noise) (counts = 467)
counts
Homopolymer length
Number of repeat units
Microhomology length

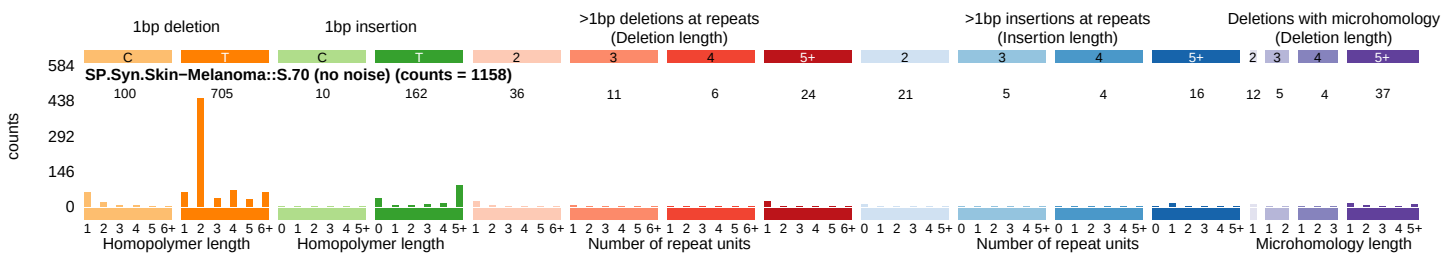

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.65 (no noise) (counts = 572)
counts
Homopolymer length
Number of repeat units
Microhomology length

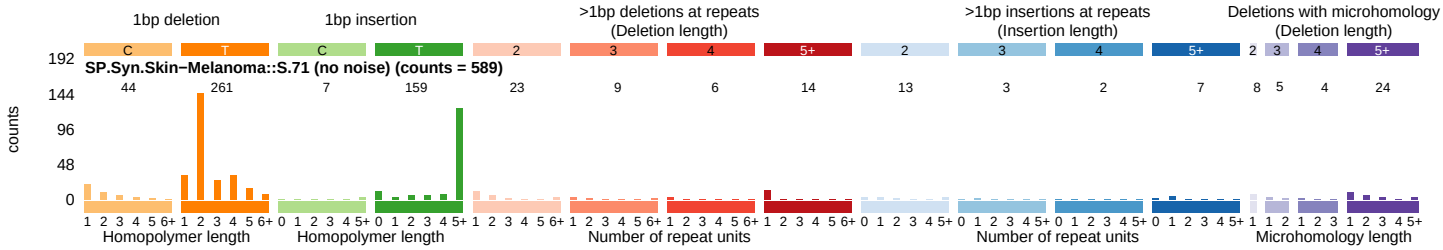

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.66 (no noise) (counts = 1429)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 = 215)
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 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.Skin−Melanoma::S.69 (no noise) (counts = 733)
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 1158)
counts
Homopolymer length
Number of repeat units
Microhomology length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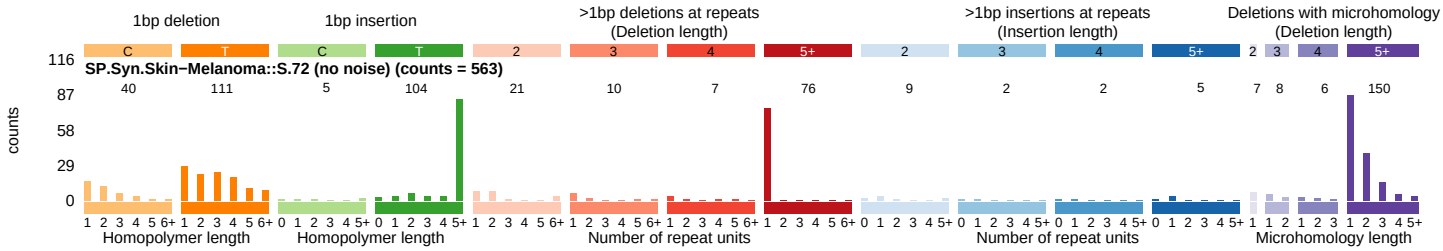
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.71 (no noise) (counts = 589)
counts
Homopolymer length
Number of repeat units
Microhomology length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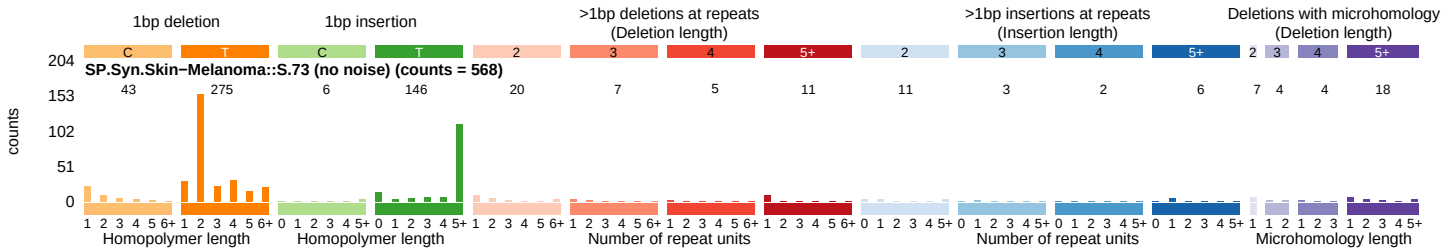
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.72 (no noise) (counts = 563)
counts
Homopolymer length
Number of repeat units
Microhomology length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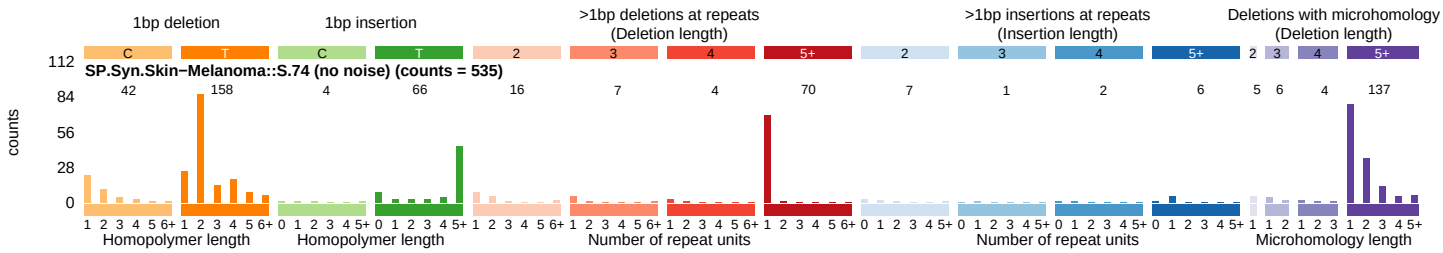
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.73 (no noise) (counts = 568)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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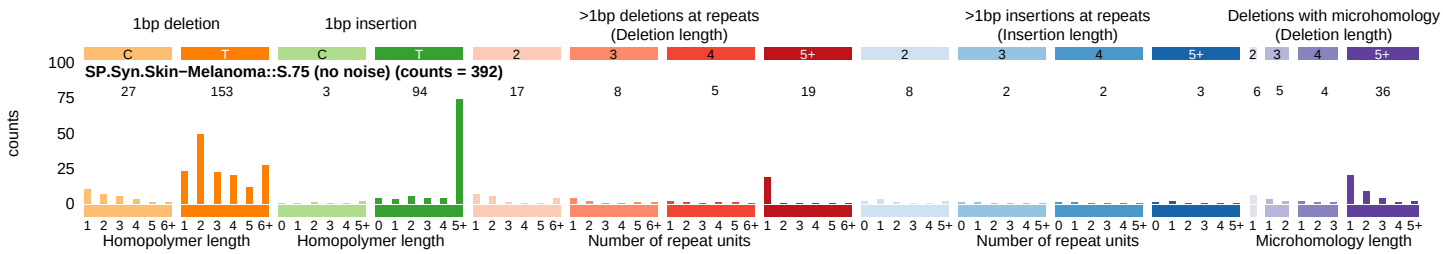
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.74 (no noise) (counts = 535)
counts
Homopolymer length
Number of repeat units
Microhomology length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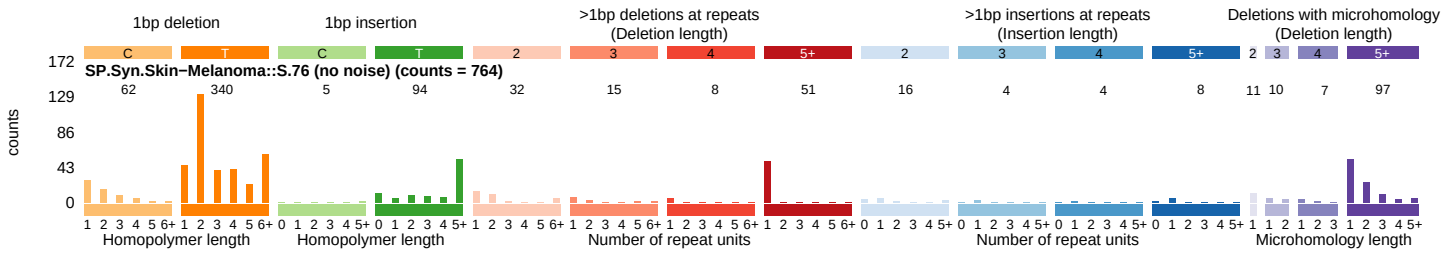
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.75 (no noise) (counts = 392)
counts
Homopolymer length
Number of repeat units
Microhomology length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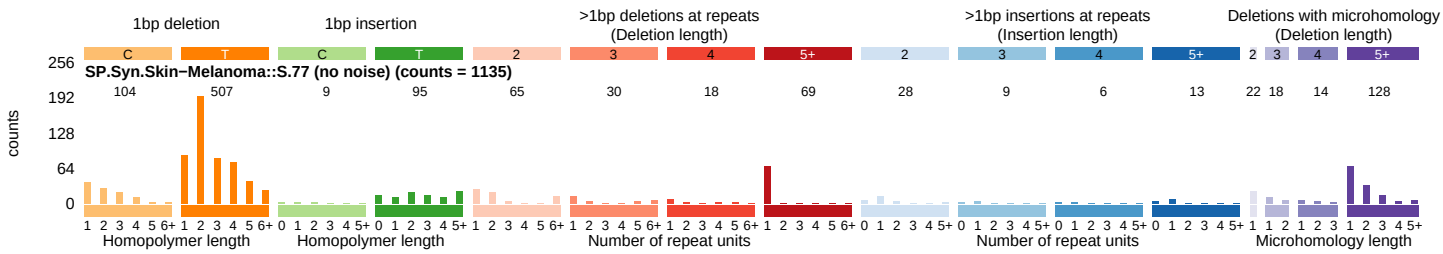
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.76 (no noise) (counts = 764)
counts
Homopolymer length
Number of repeat units
Microhomology length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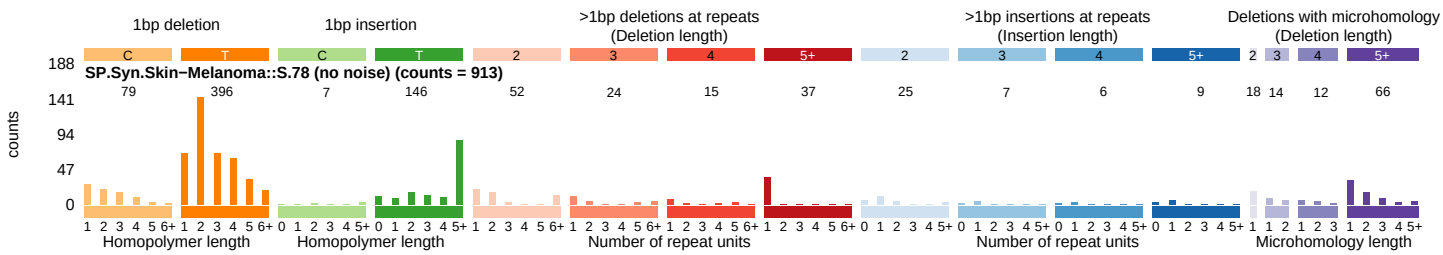
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.77 (no noise) (counts = 1135)
counts
Homopolymer length
Number of repeat units
Microhomology length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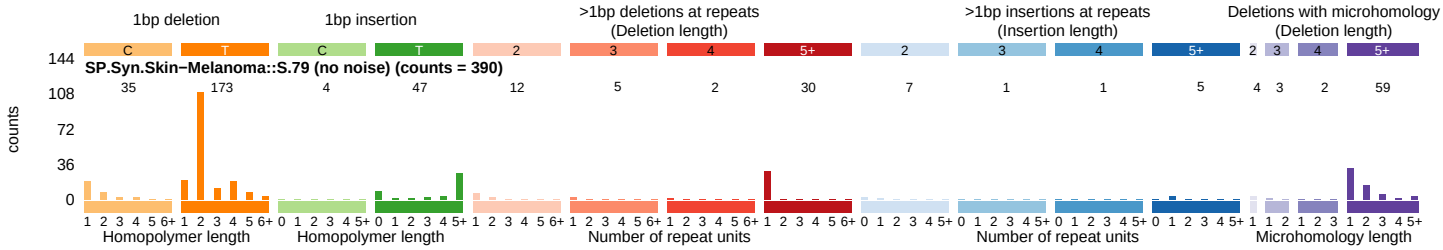
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.78 (no noise) (counts = 913)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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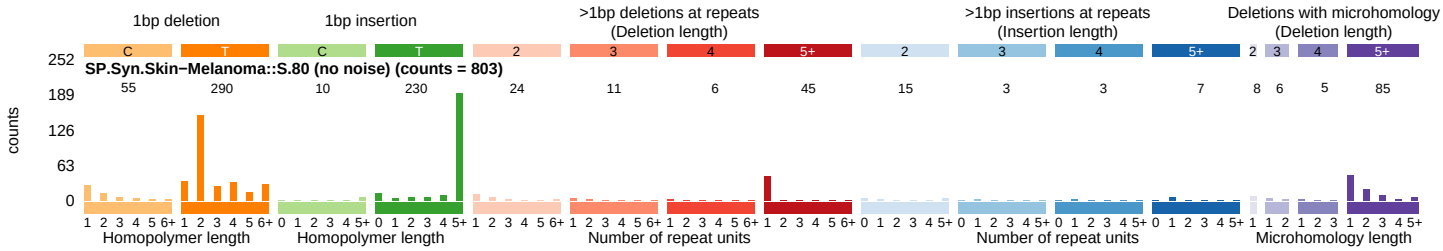
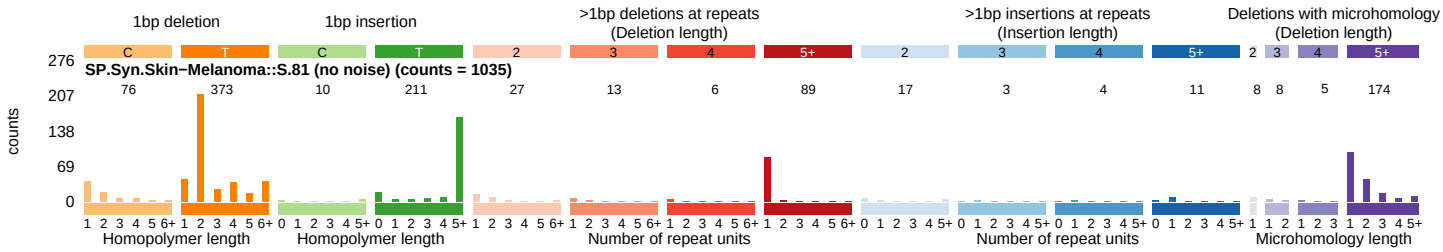
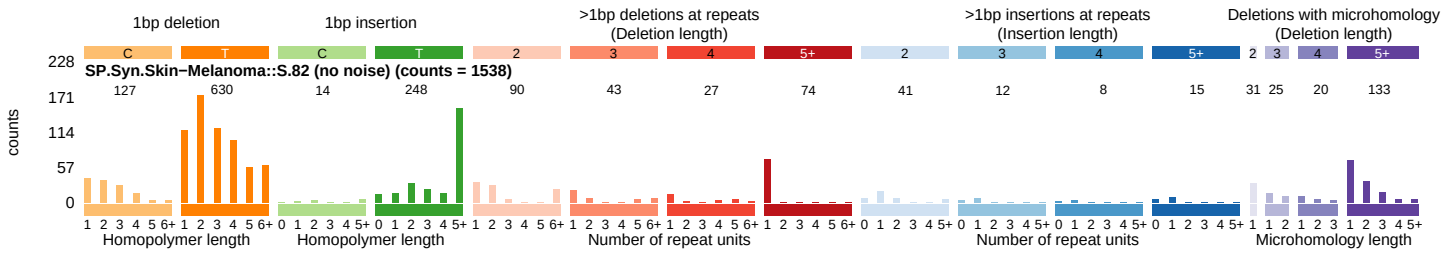
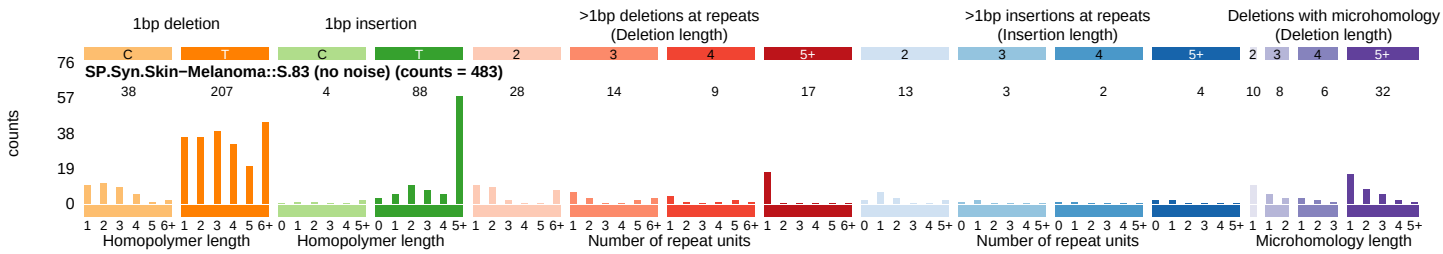
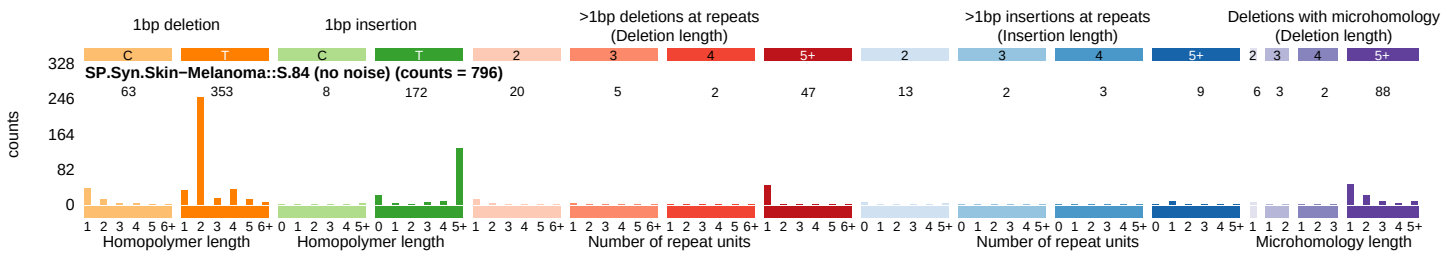
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.79 (no noise) (counts = 390)
35 173 4 47 12 5 2 30 7 1 1 5 4 3 2 59
counts
144 108 72 36 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 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

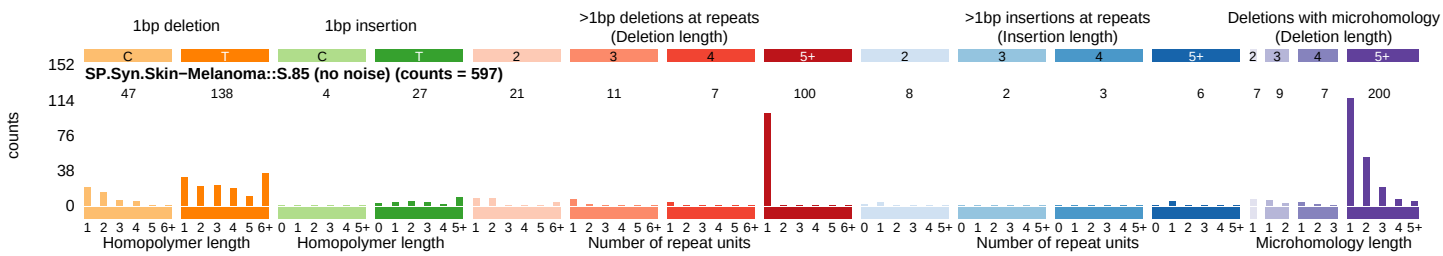

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.80 (no noise) (counts = 803)
55 290 10 230 24 11 6 45 15 3 3 7 8 6 5 85
counts
252 189 126 63 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

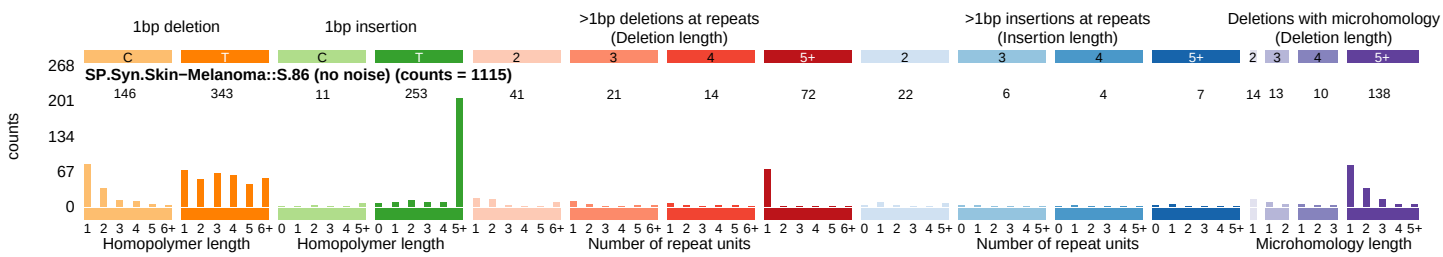

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.81 (no noise) (counts = 1035)
76 373 10 211 27 13 6 89 17 3 4 11 8 8 5 174
counts
276 207 138 69 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

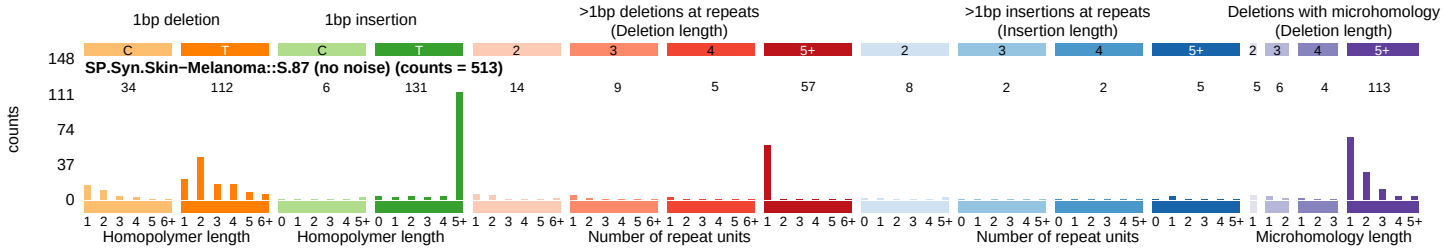

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.82 (no noise) (counts = 1538)
127 630 14 248 90 43 27 74 41 12 8 15 31 25 20 133
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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.83 (no noise) (counts = 483)
38 207 4 88 28 14 9 17 13 3 2 4 10 8 6 32
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


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.84 (no noise) (counts = 796)
63 353 8 172 20 5 2 47 13 2 3 9 6 3 2 88
counts
328 246 164 82 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.85 (no noise) (counts = 597)
47 138 4 27 21 11 7 100 8 2 3 6 7 9 7 200
counts
152 114 76 38 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.86 (no noise) (counts = 1115)
146 343 11 253 41 21 14 72 22 6 4 7 14 13 10 138
counts
268 201 134 67 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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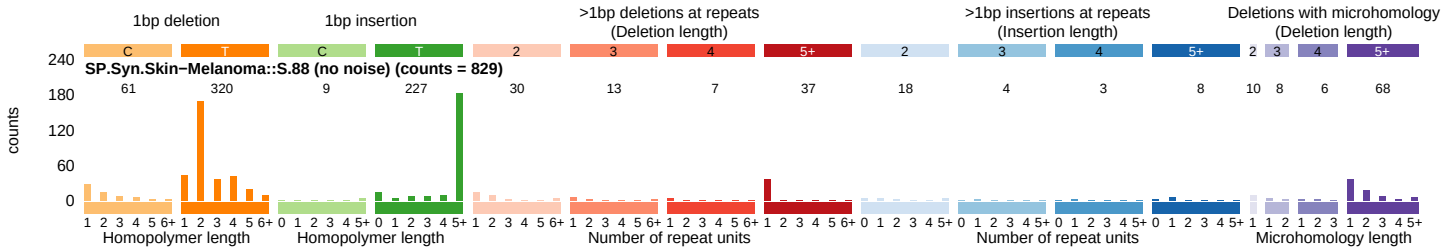
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.87 (no noise) (counts = 513)
34 112 6 131 14 9 5 57 8 2 2 5 5 6 4 113
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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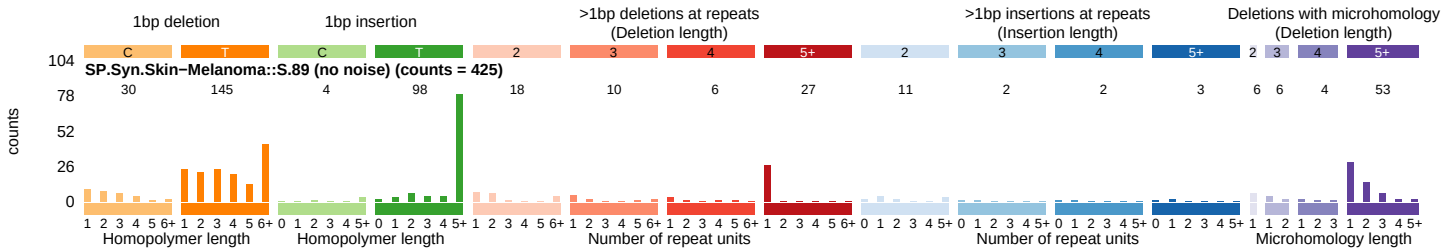
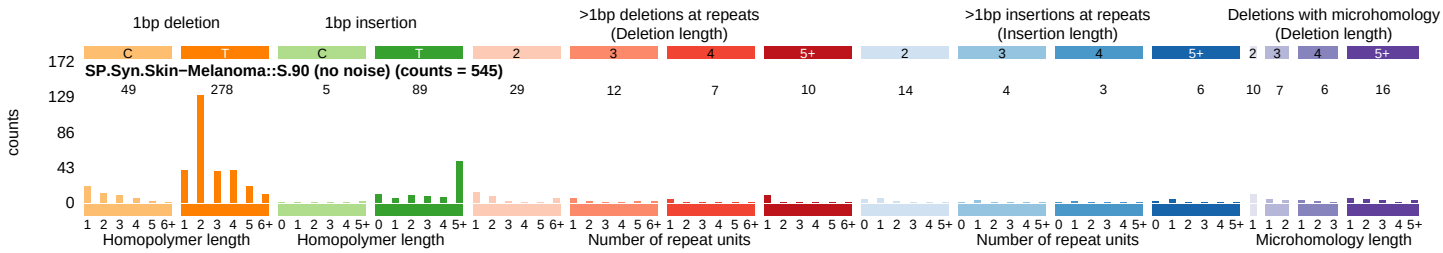
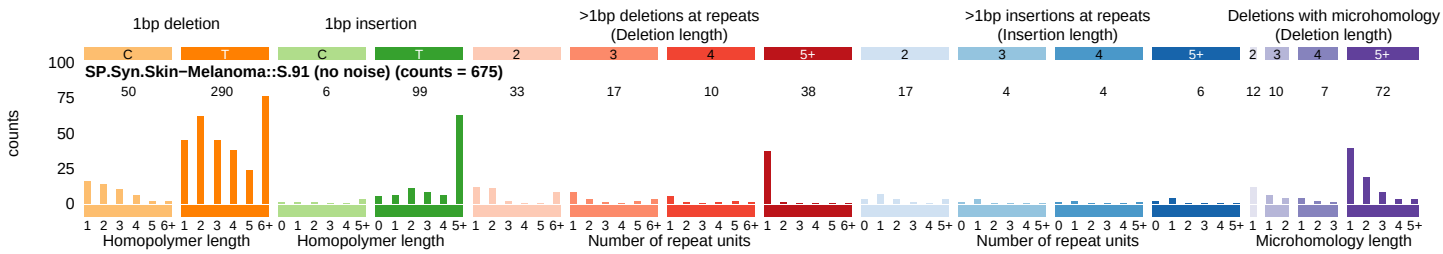
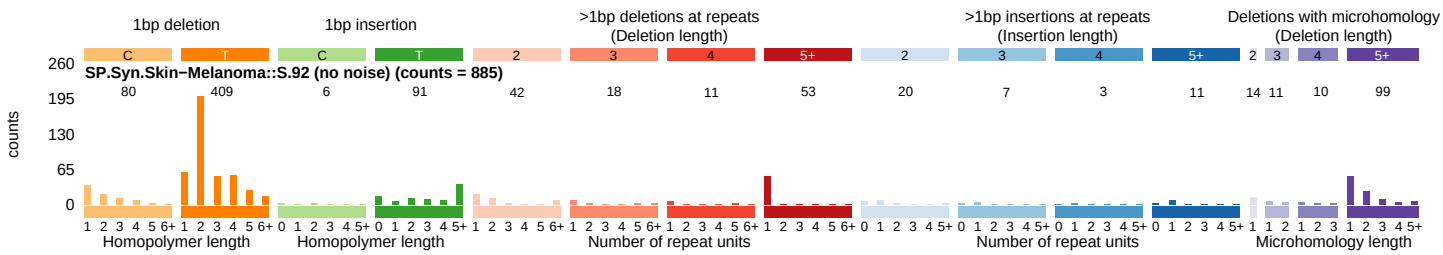
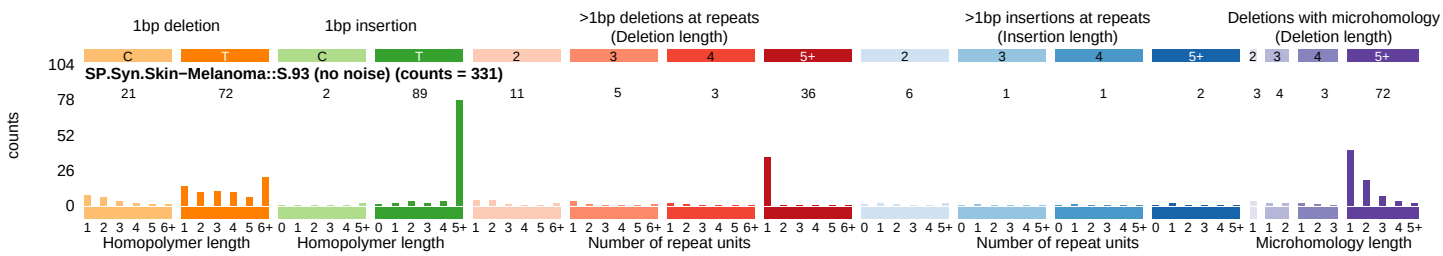
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.88 (no noise) (counts = 829)
61 320 9 227 30 13 7 37 18 4 3 8 10 8 6 68
counts
Homopolymer length
Number of repeat units
Microhomology length

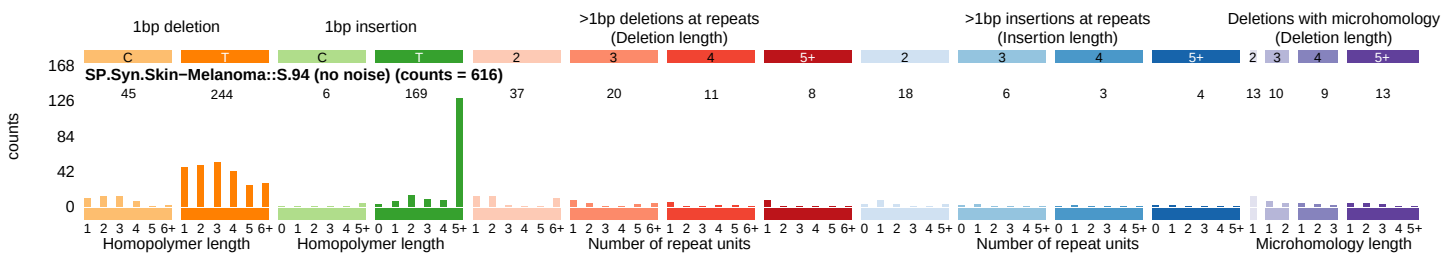

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.89 (no noise) (counts = 425)
30 145 4 98 18 10 6 27 11 2 2 3 6 6 4 53
counts
Homopolymer length
Number of repeat units
Microhomology length

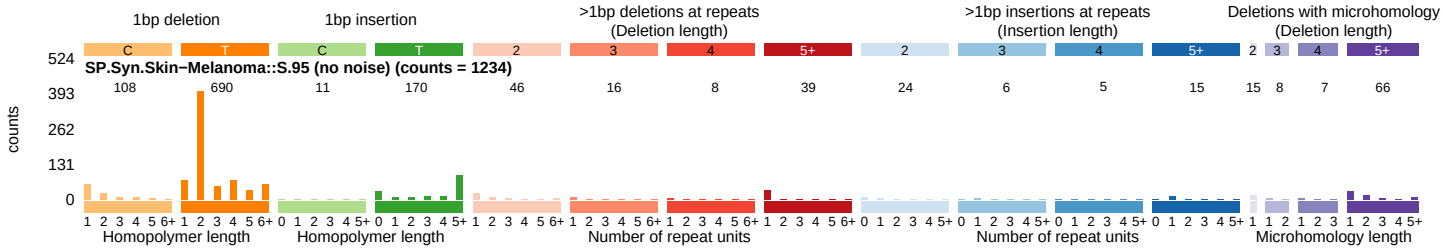

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.90 (no noise) (counts = 545)
49 278 5 89 29 12 7 10 14 4 3 6 10 7 6 16
counts
Homopolymer length
Number of repeat units
Microhomology length

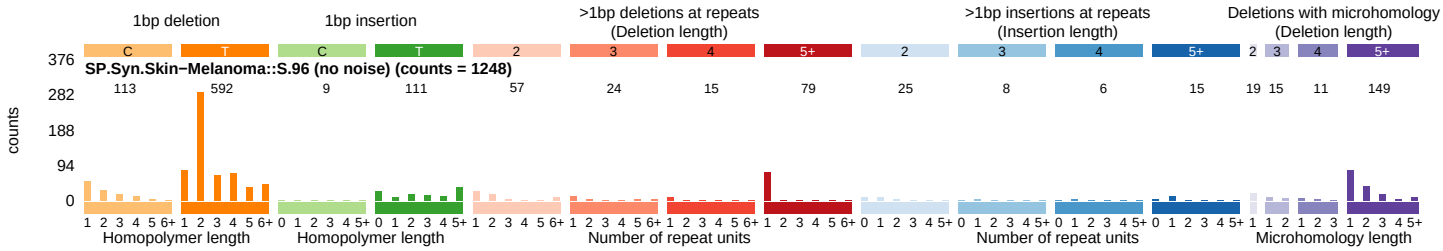

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.91 (no noise) (counts = 675)
50 290 6 99 33 17 10 38 17 4 4 6 12 10 7 72
counts
Homopolymer length
Number of repeat units
Microhomology length

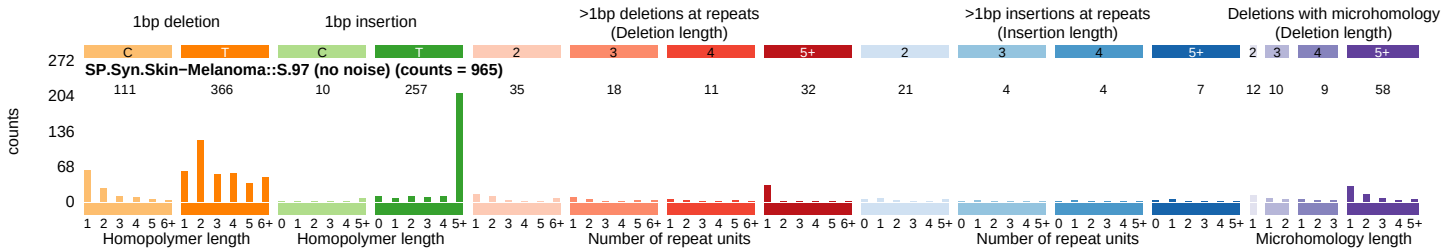

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.92 (no noise) (counts = 885)
80 409 6 91 42 18 11 53 20 7 3 11 14 11 10 99
counts
Homopolymer length
Number of repeat units
Microhomology length

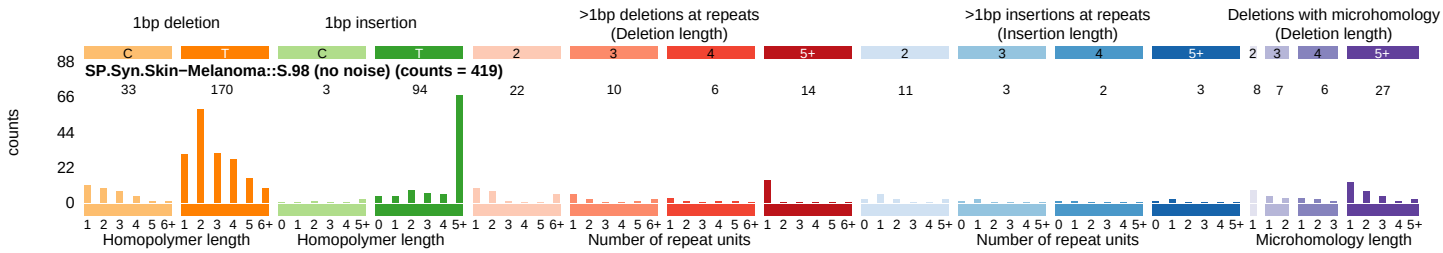

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.93 (no noise) (counts = 331)
21 72 2 89 11 5 3 36 6 1 1 2 3 4 3 72
counts
Homopolymer length
Number of repeat units
Microhomology length

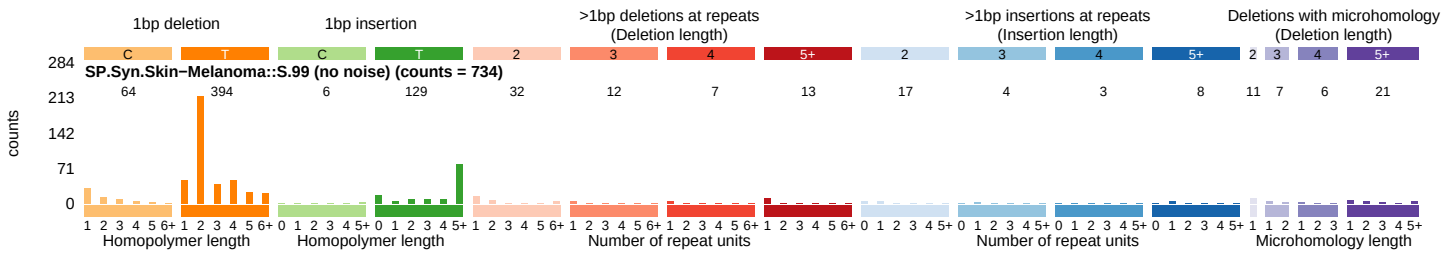

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.94 (no noise) (counts = 616)
45 244 6 169 37 20 11 8 18 6 3 4 13 10 9 13
counts
Homopolymer length
Number of repeat units
Microhomology length

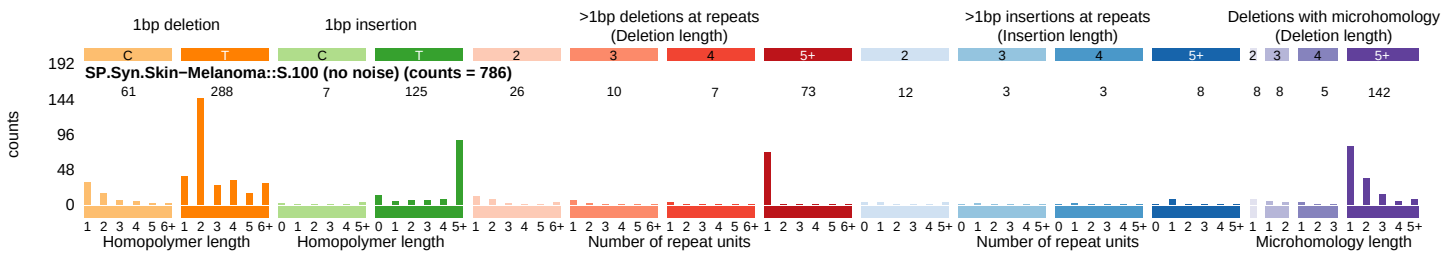

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.95 (no noise) (counts = 1234)
counts
Homopolymer length
Number of repeat units
Microhomology length

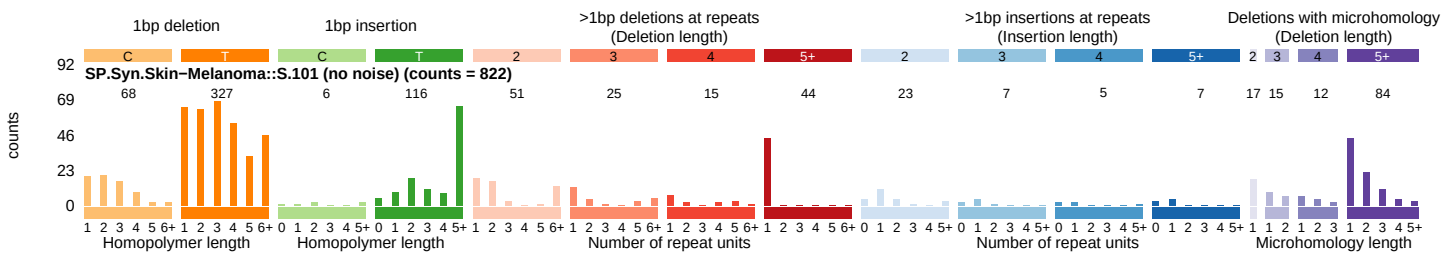

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.96 (no noise) (counts = 1248)
counts
Homopolymer length
Number of repeat units
Microhomology length

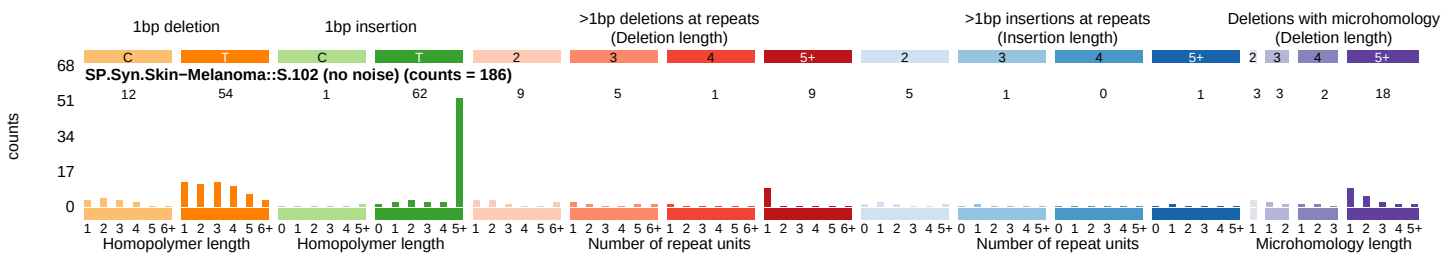

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.97 (no noise) (counts = 965)
counts
Homopolymer length
Number of repeat units
Microhomology length

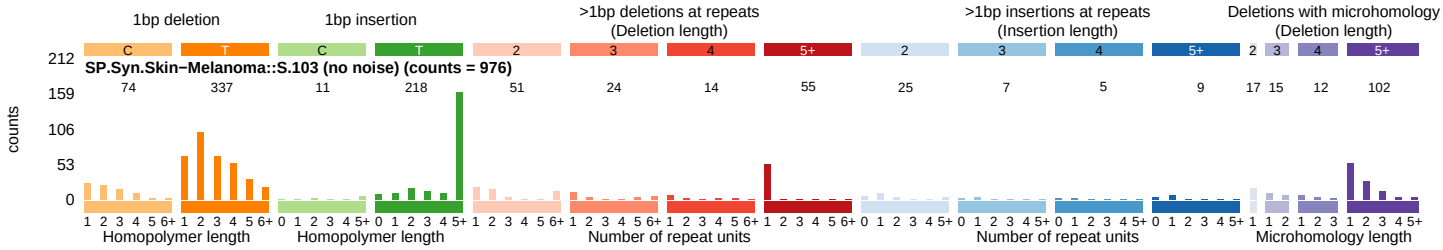

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.98 (no noise) (counts = 419)
counts
Homopolymer length
Number of repeat units
Microhomology length

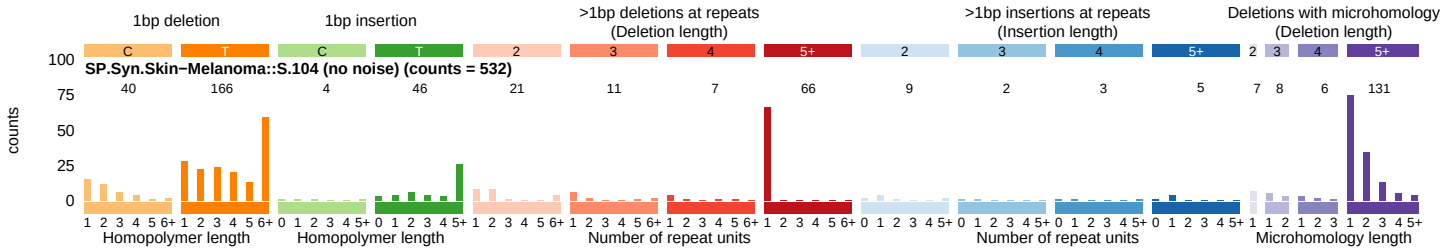

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.99 (no noise) (counts = 734)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.100 (no noise) (counts = 786)
counts
Homopolymer length
Number of repeat units
Microhomology 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.101 (no noise) (counts = 822)
counts
Homopolymer length
Number of repeat units
Microhomology 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.102 (no noise) (counts = 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.Skin−Melanoma::S.103 (no noise) (counts = 976)
counts
Homopolymer length
Number of repeat units
Microhomology length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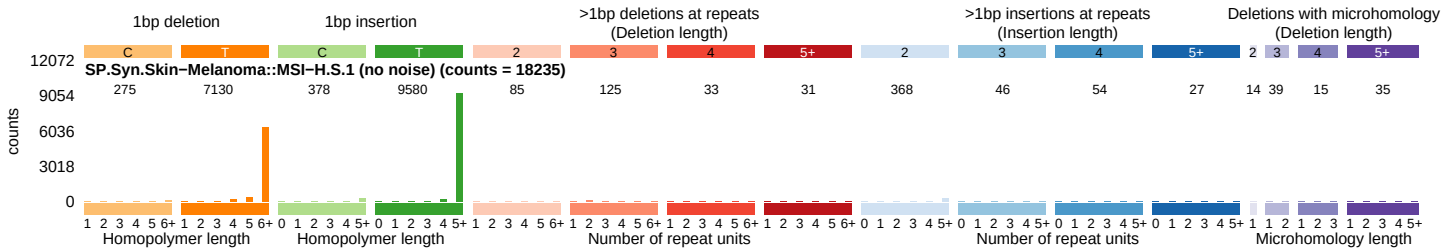
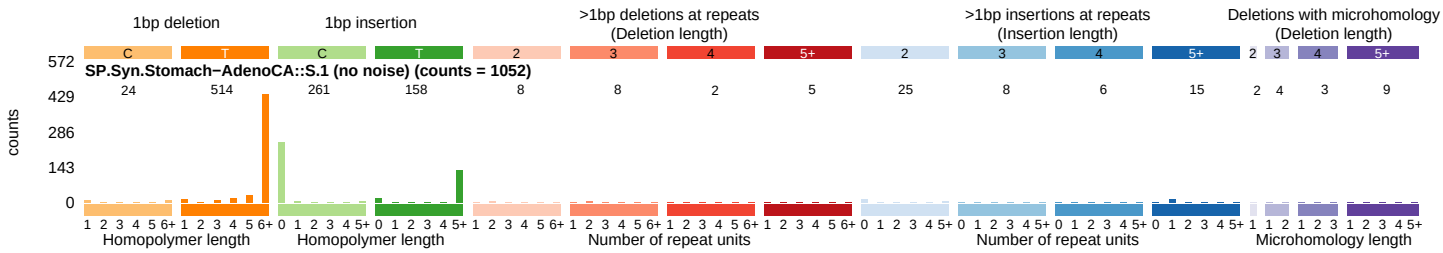
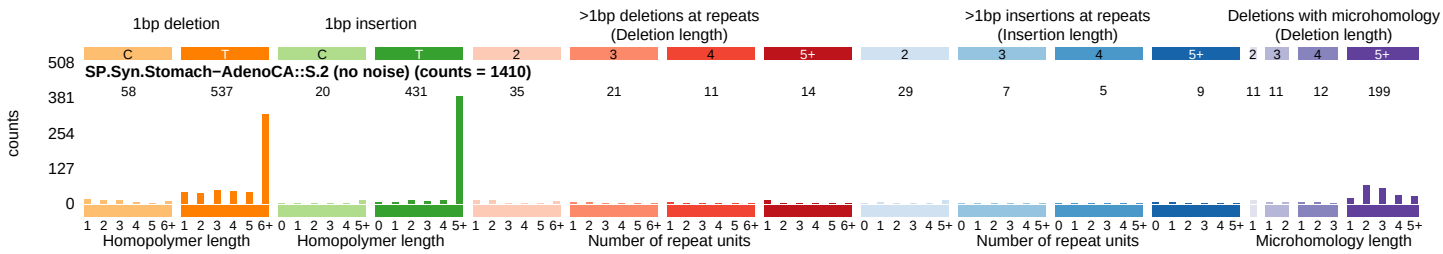
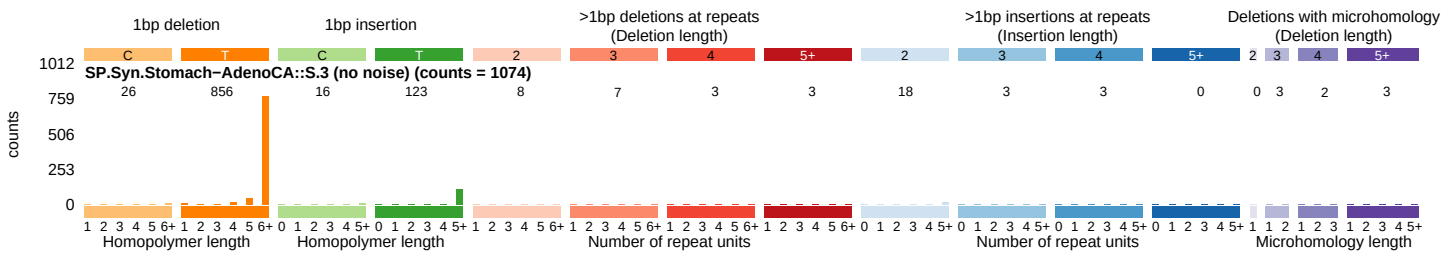
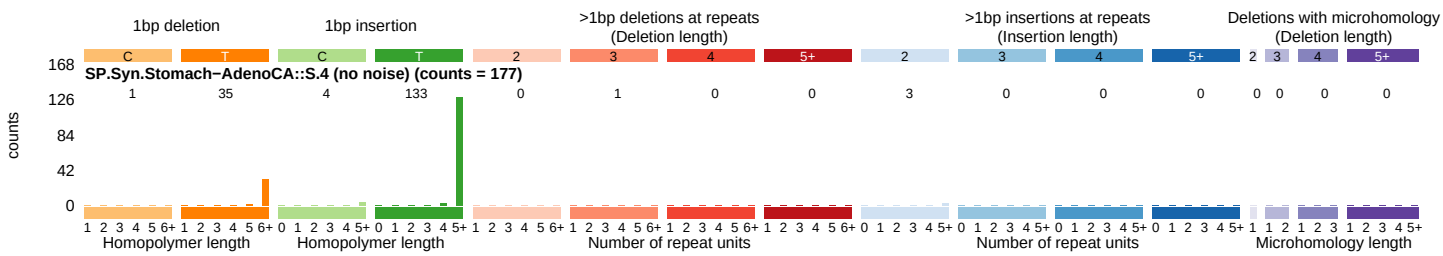
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.104 (no noise) (counts = 532)
counts
Homopolymer length
Number of repeat units
Microhomology length

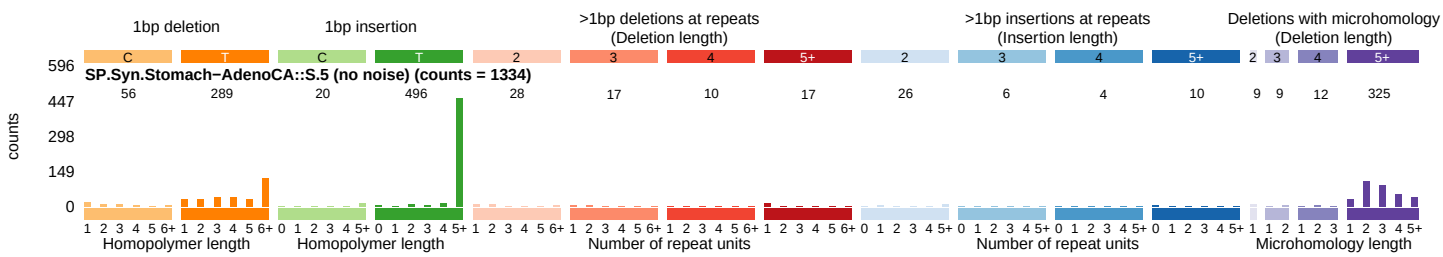

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::MSI−H.S.1 (no noise) (counts = 18235)
counts
Homopolymer length
Number of repeat units
Microhomology length

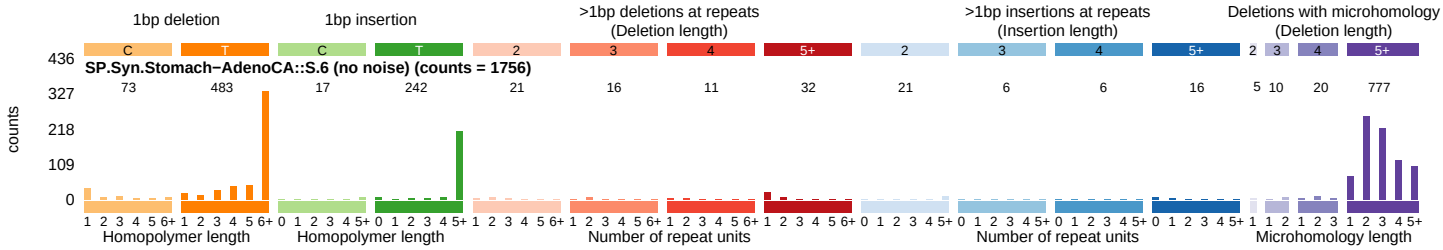

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.1 (no noise) (counts = 1052)
counts
Homopolymer length
Number of repeat units
Microhomology length

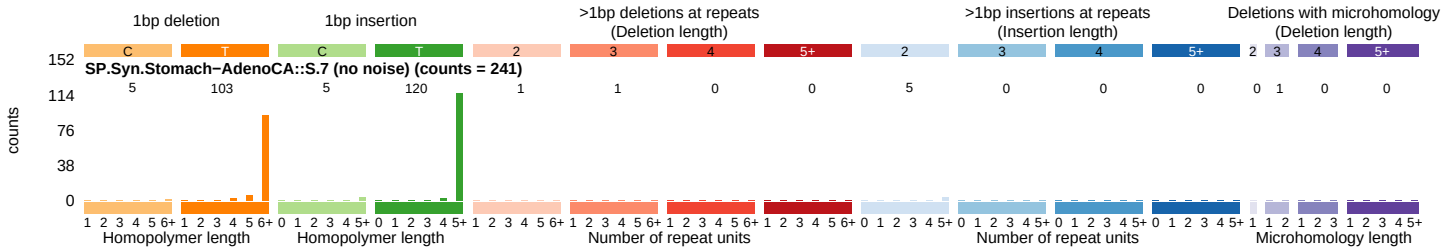

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.2 (no noise) (counts = 1410)
counts
Homopolymer length
Number of repeat units
Microhomology length

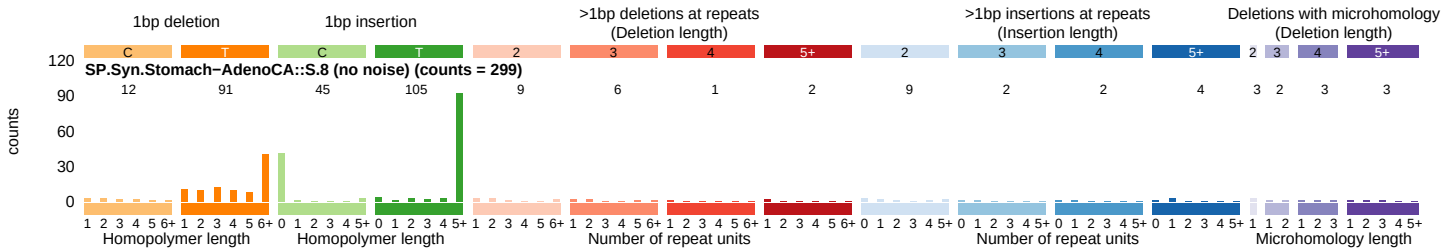

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.3 (no noise) (counts = 1074)
counts
Homopolymer length
Number of repeat units
Microhomology length

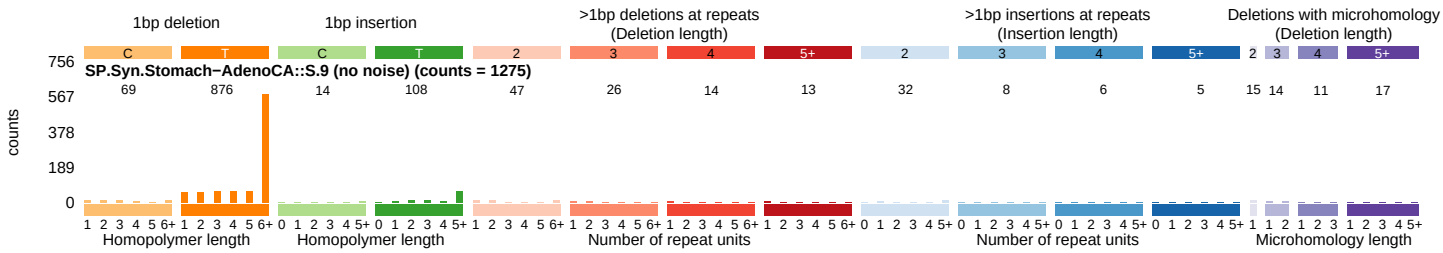

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.4 (no noise) (counts = 177)
counts
Homopolymer length
Number of repeat units
Microhomology length

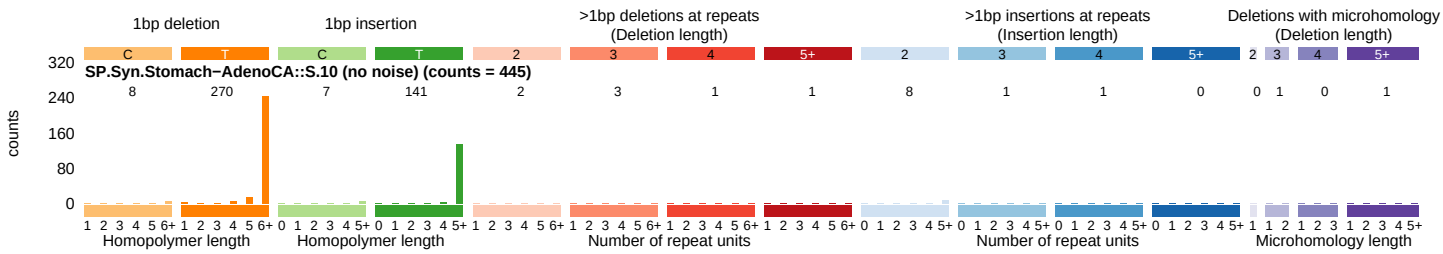

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.5 (no noise) (counts = 1334)
counts
Homopolymer length
Number of repeat units
Microhomology length

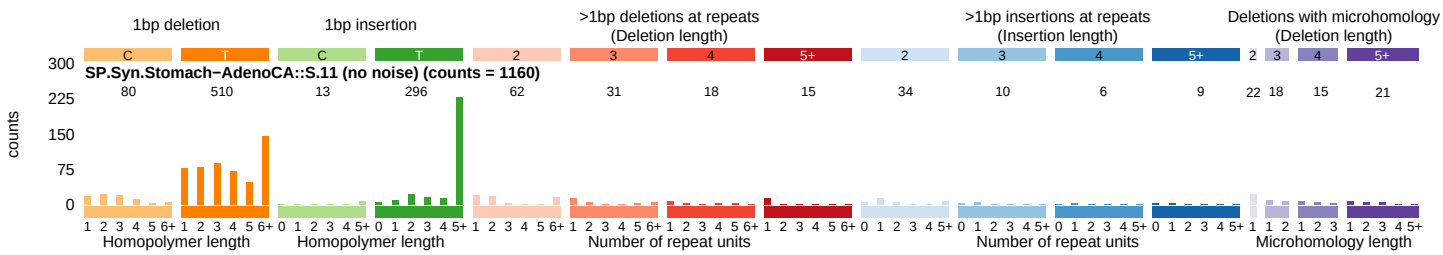

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.6 (no noise) (counts = 1756)
counts
Homopolymer length
Number of repeat units
Microhomology length

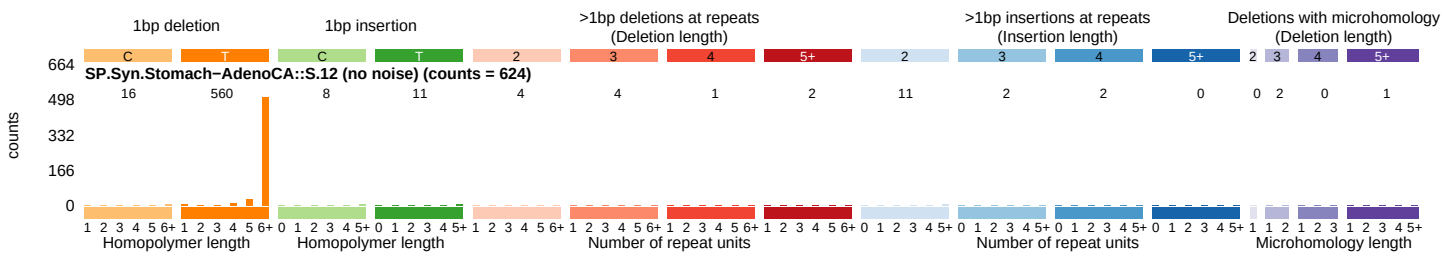

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.7 (no noise) (counts = 241)
counts
Homopolymer length
Number of repeat units
Microhomology length

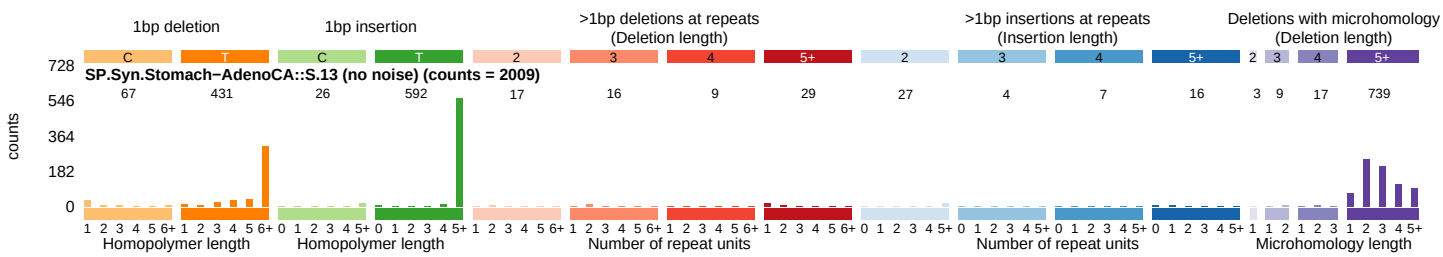

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.8 (no noise) (counts = 299)
counts
Homopolymer length
Number of repeat units
Microhomology length

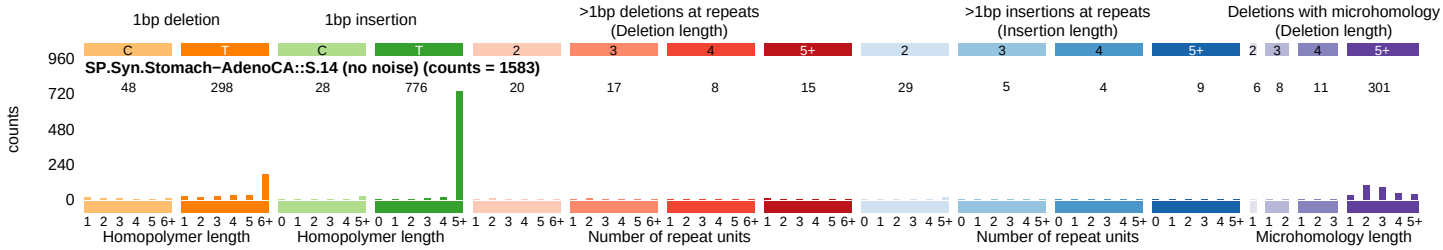

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.9 (no noise) (counts = 1275)
counts
Homopolymer length
Number of repeat units
Microhomology length

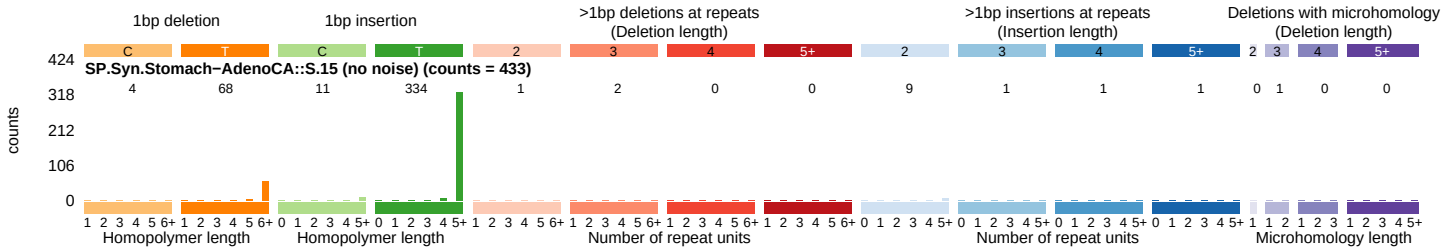

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.10 (no noise) (counts = 445)
counts
Homopolymer length
Number of repeat units
Microhomology length

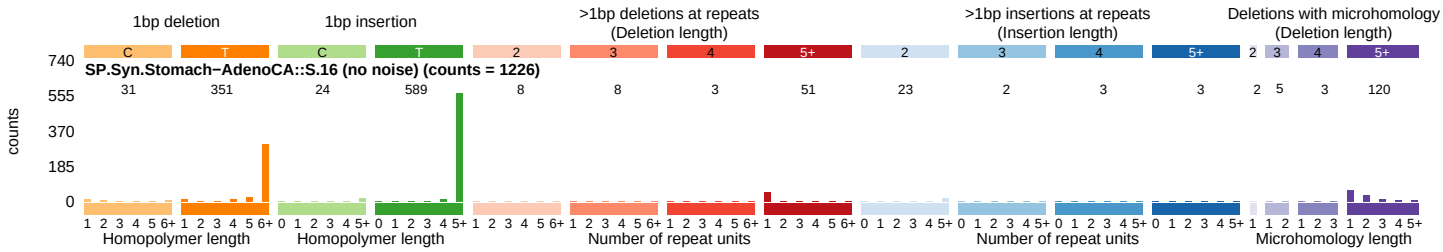

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.11 (no noise) (counts = 1160)
counts
Homopolymer length
Number of repeat units
Microhomology length

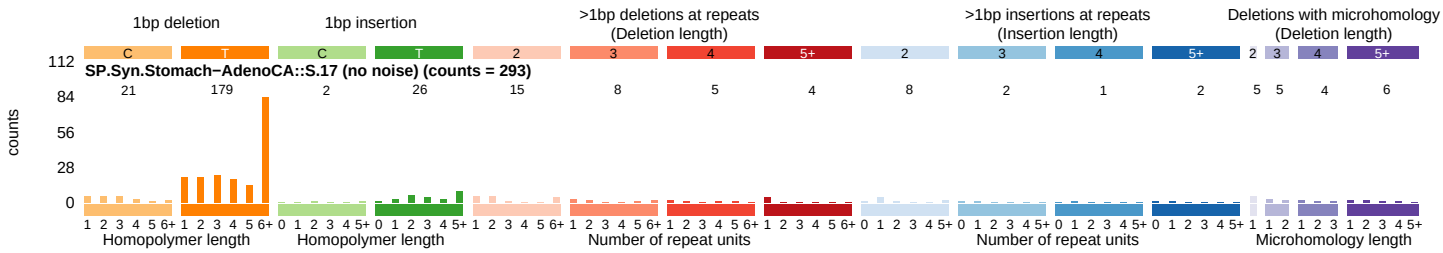

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.12 (no noise) (counts = 624)
counts
Homopolymer length
Number of repeat units
Microhomology length

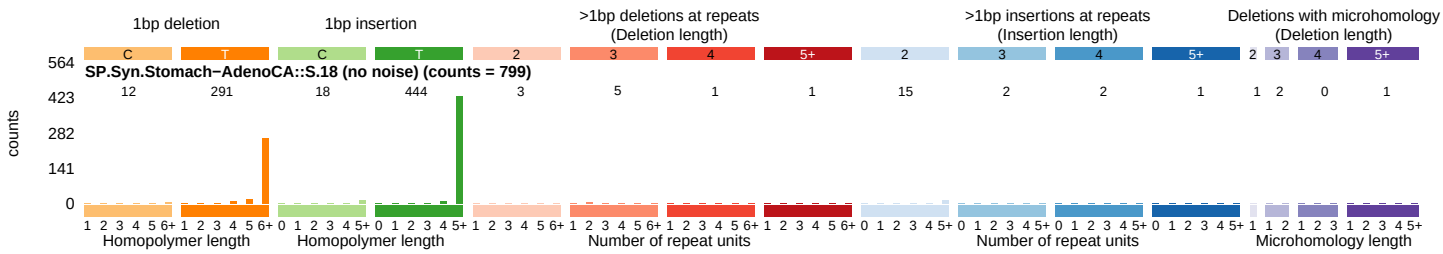

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.13 (no noise) (counts = 2009)
counts
Homopolymer length
Number of repeat units
Microhomology length

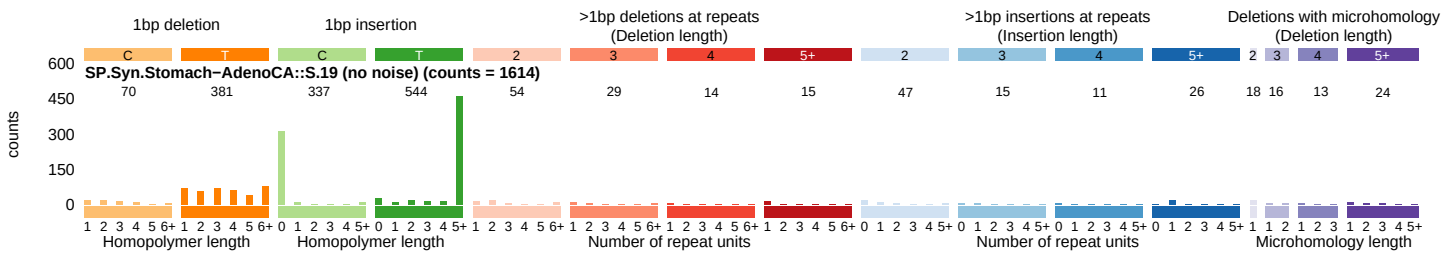

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.14 (no noise) (counts = 1583)
48 298 28 776 20 17 8 15 29 5 4 9 6 8 11 301
counts
Homopolymer length
Number of repeat units
Microhomology length

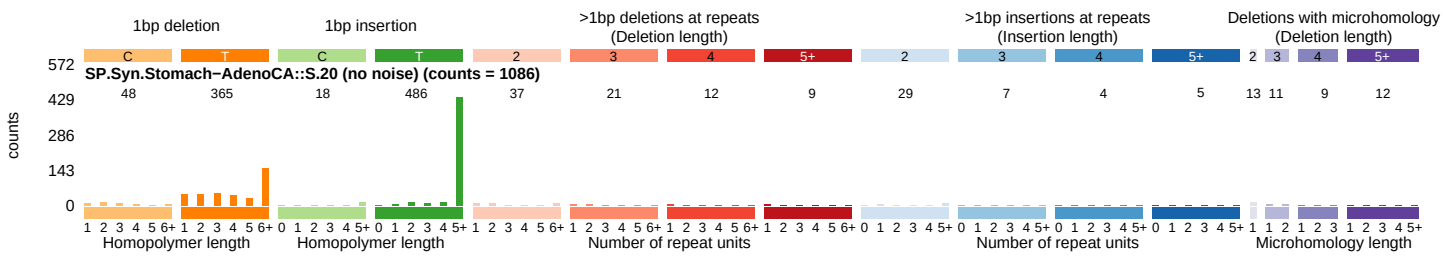

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.15 (no noise) (counts = 433)
4 68 11 334 1 2 0 0 9 1 1 1 0 1 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

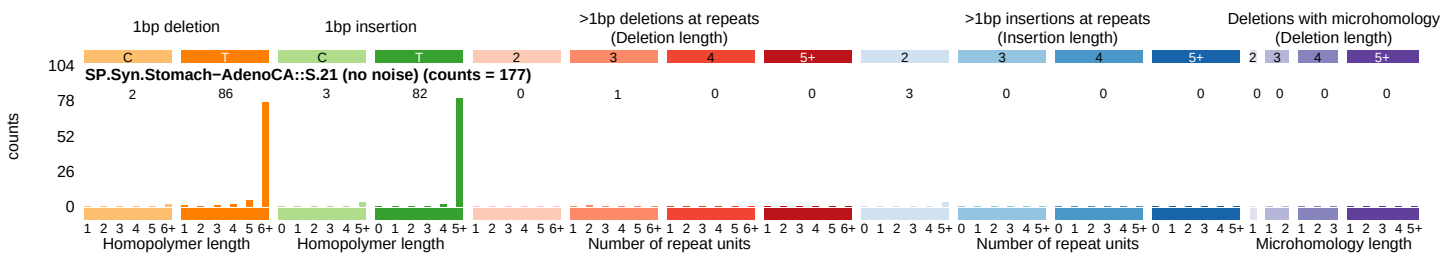

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.16 (no noise) (counts = 1226)
31 351 24 589 8 8 3 51 23 2 3 3 2 5 3 120
counts
Homopolymer length
Number of repeat units
Microhomology length

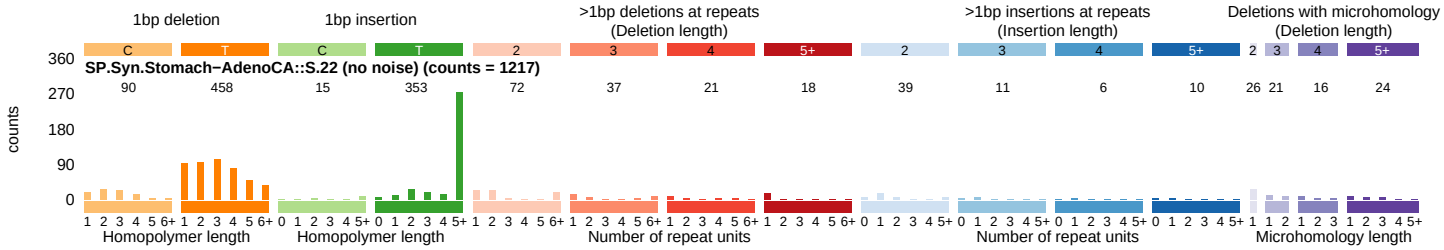

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.17 (no noise) (counts = 293)
21 179 2 26 15 8 5 4 8 2 1 2 5 5 4 6
counts
Homopolymer length
Number of repeat units
Microhomology length

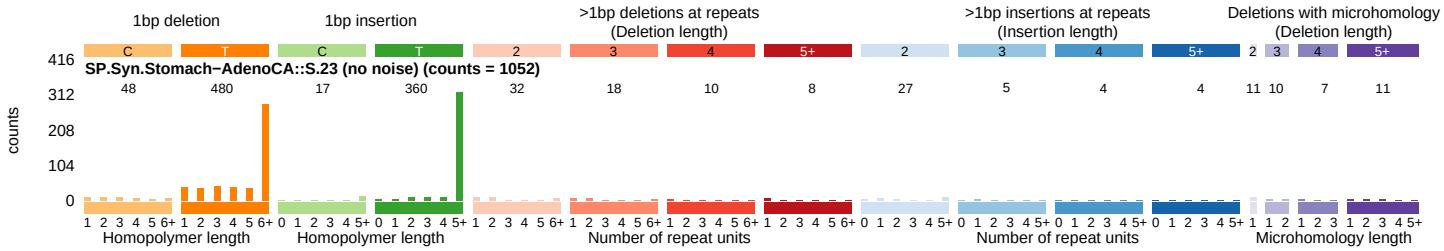

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.18 (no noise) (counts = 799)
12 291 18 444 3 5 1 1 15 2 2 1 1 2 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length

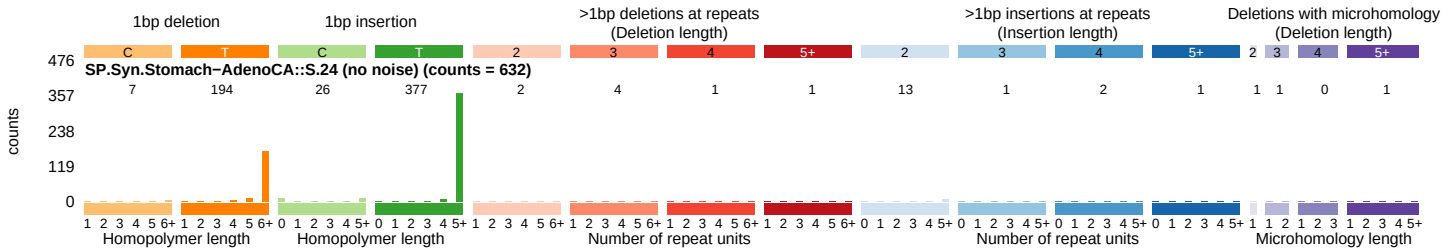

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.19 (no noise) (counts = 1614)
70 381 337 544 54 29 14 15 47 15 11 26 18 16 13 24
counts
Homopolymer length
Number of repeat units
Microhomology length

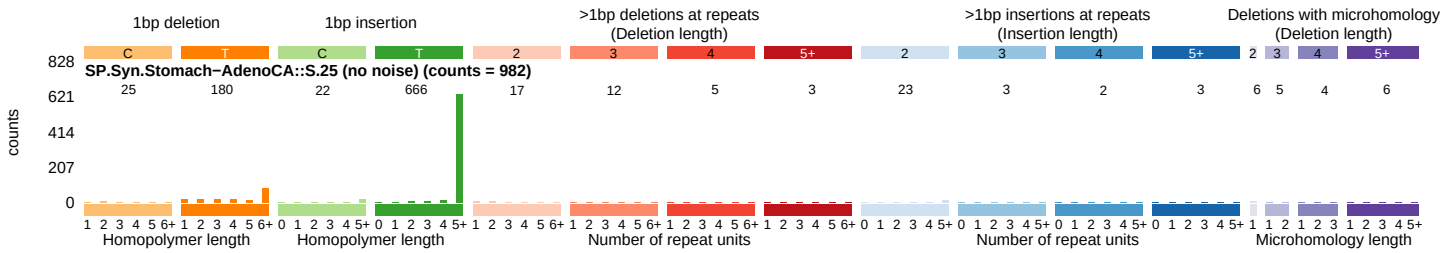

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.20 (no noise) (counts = 1086)
48 365 18 486 37 21 12 9 29 7 4 5 13 11 9 12
counts
Homopolymer length
Number of repeat units
Microhomology length

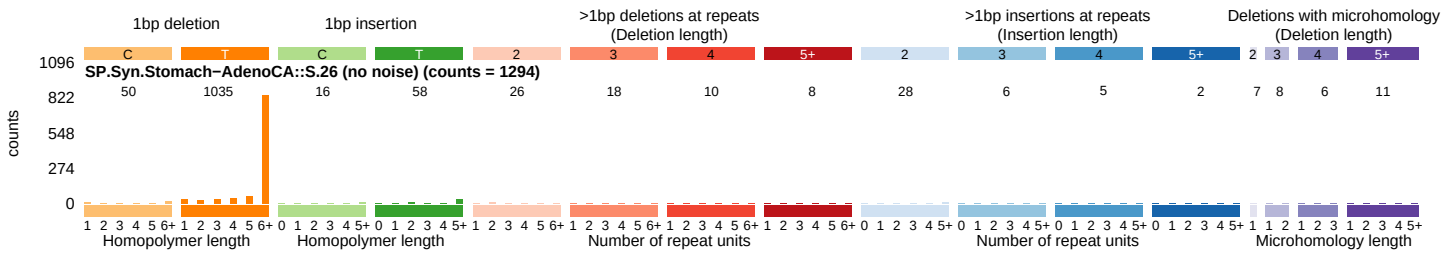

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.21 (no noise) (counts = 177)
2 86 3 82 0 1 0 0 3 0 0 0 0 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

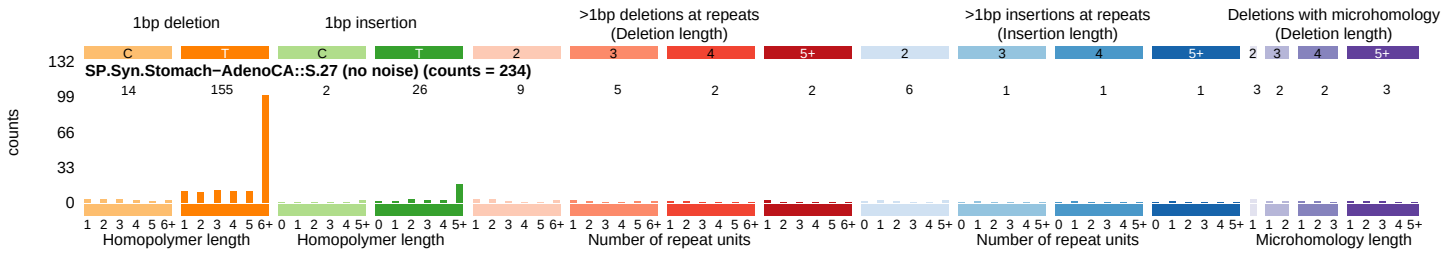

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.22 (no noise) (counts = 1217)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
90 458 15 353 72 37 21 18 39 11 6 10 26 21 16 24
counts
360 270 180 90 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.23 (no noise) (counts = 1052)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
48 480 17 360 32 18 10 8 27 5 4 4 11 10 7 11
counts
416 312 208 104 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.24 (no noise) (counts = 632)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
7 194 26 377 2 4 1 1 13 1 2 1 1 1 0 1
counts
476 357 238 119 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 = 982)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
25 180 22 666 17 12 5 3 23 3 2 3 6 5 4 6
counts
828 621 414 207 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 = 1294)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
50 1035 16 58 26 18 10 8 28 6 5 2 7 8 6 11
counts
1096 822 548 274 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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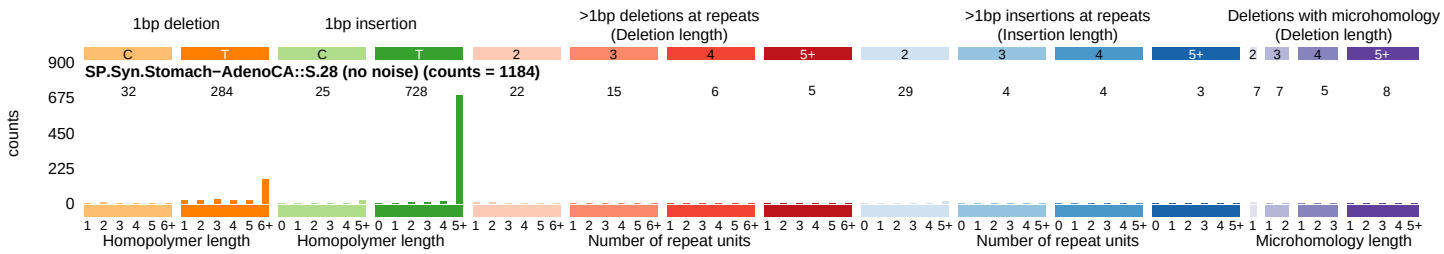
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.27 (no noise) (counts = 234)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
14 155 2 26 9 5 2 2 6 1 1 1 3 2 2 3
counts
132 99 66 33 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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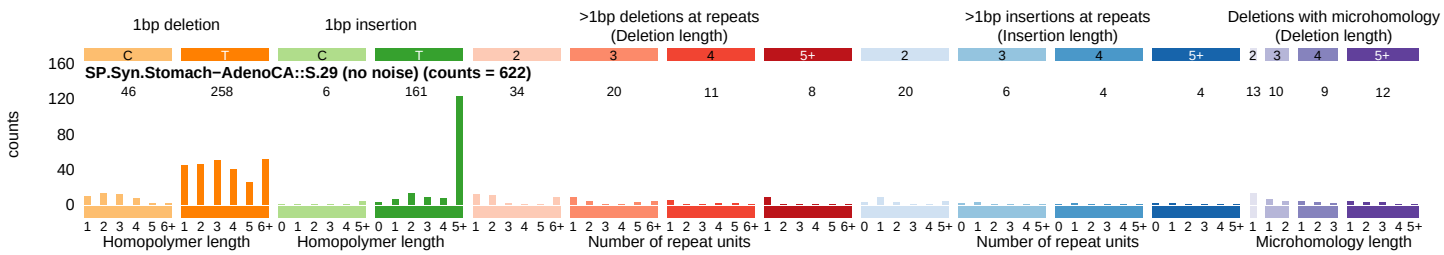
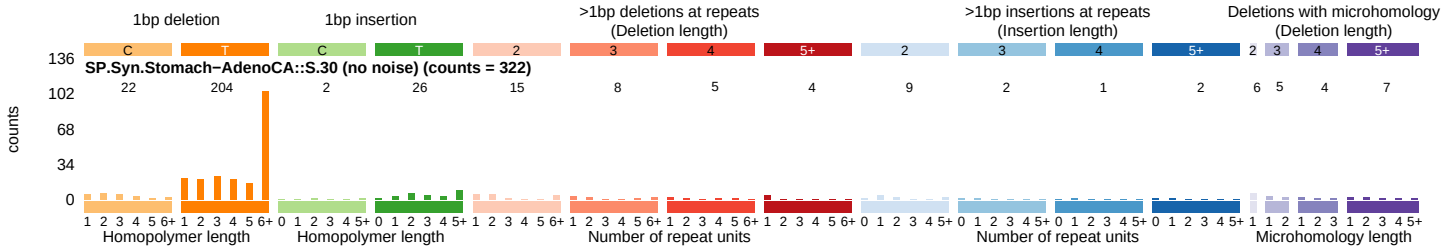
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.28 (no noise) (counts = 1184)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
32 284 25 728 22 15 6 5 29 4 4 3 7 7 5 8
counts
900 675 450 225 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 = 622)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
46 258 6 161 34 20 11 8 20 6 4 4 13 10 9 12
counts
160 120 80 40 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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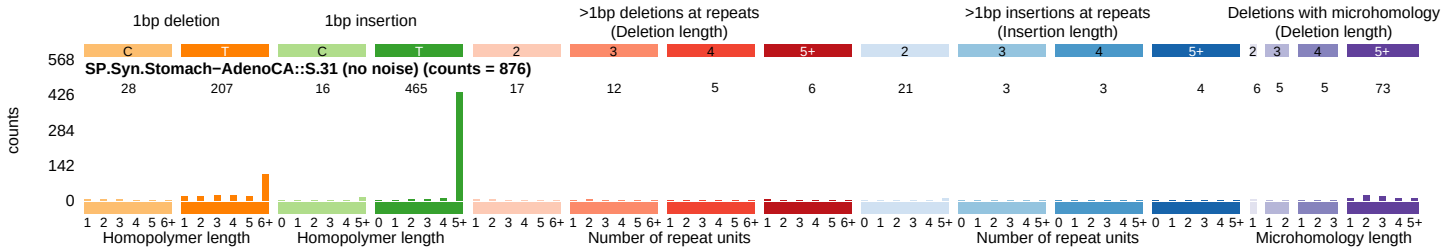
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.30 (no noise) (counts = 322)
counts
Homopolymer length
Number of repeat units
Microhomology length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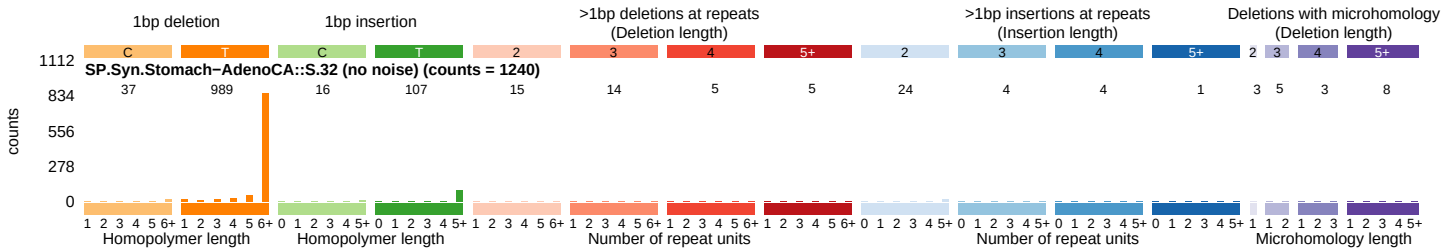
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.31 (no noise) (counts = 876)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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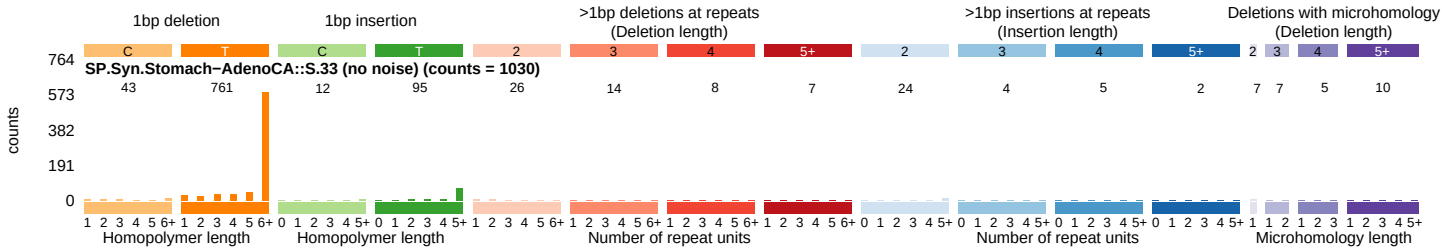
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.32 (no noise) (counts = 1240)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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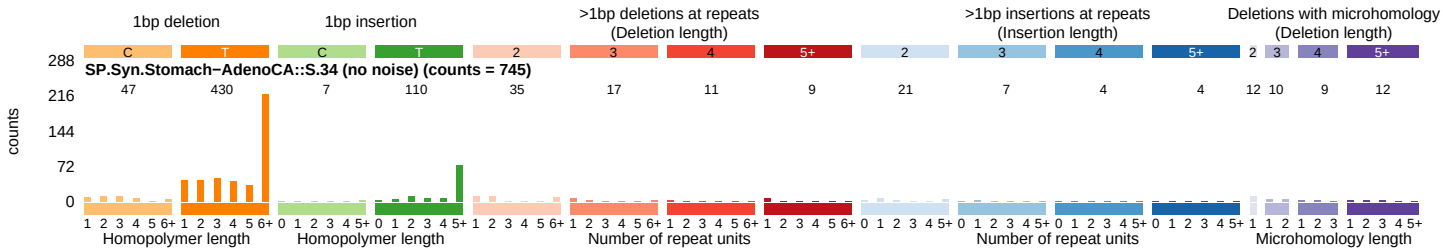
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.33 (no noise) (counts = 1030)
counts
Homopolymer length
Number of repeat units
Microhomology length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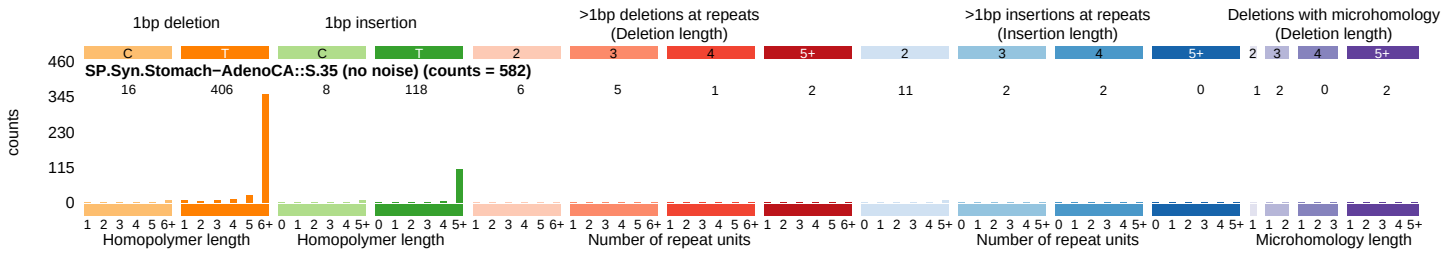
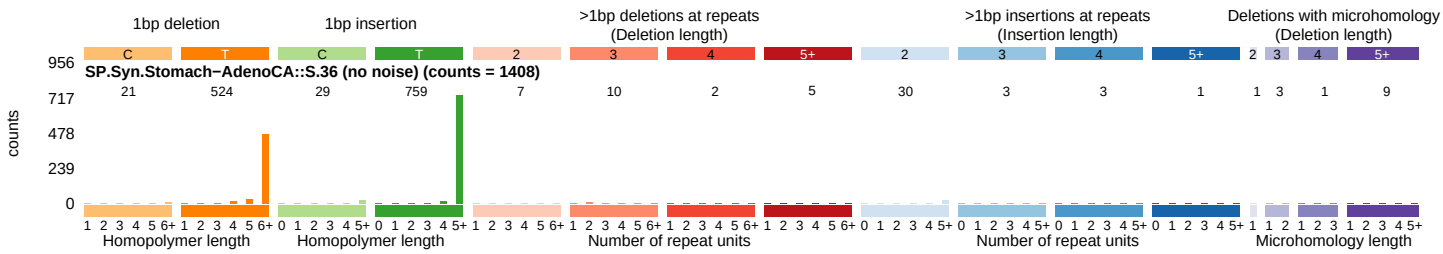
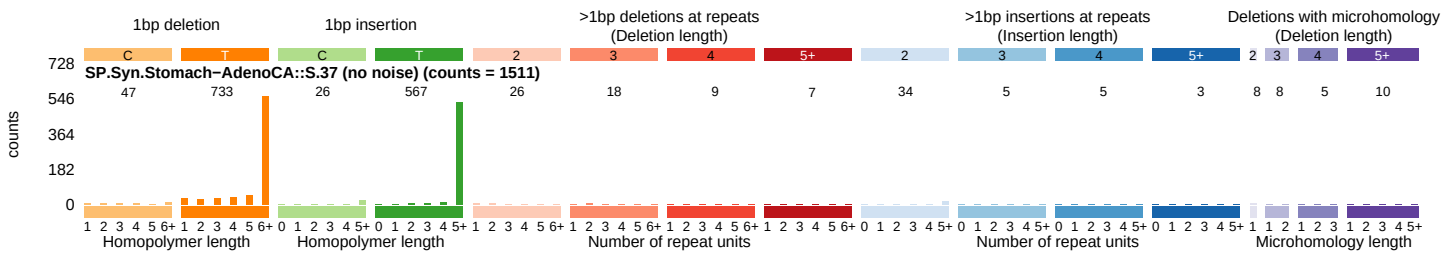
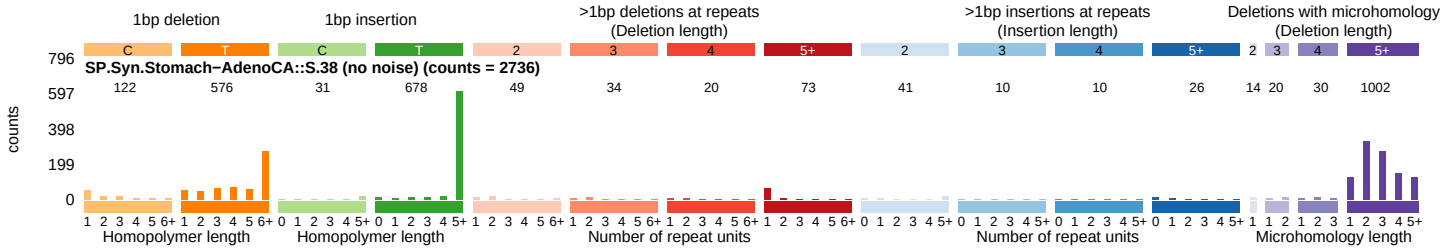
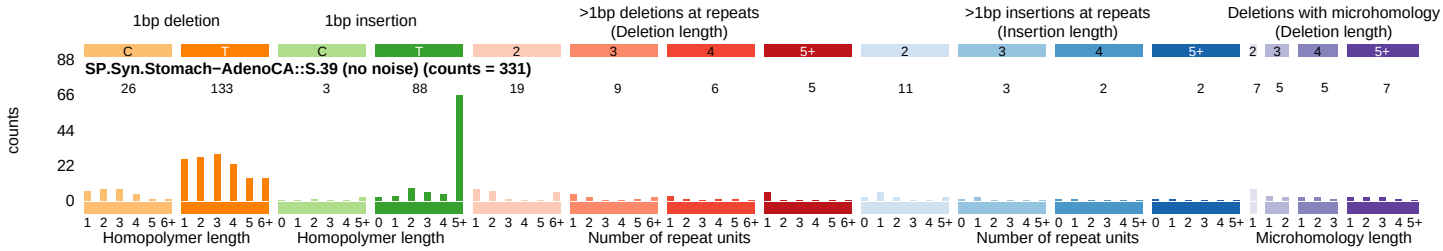
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.34 (no noise) (counts = 745)
counts
Homopolymer length
Number of repeat units
Microhomology length

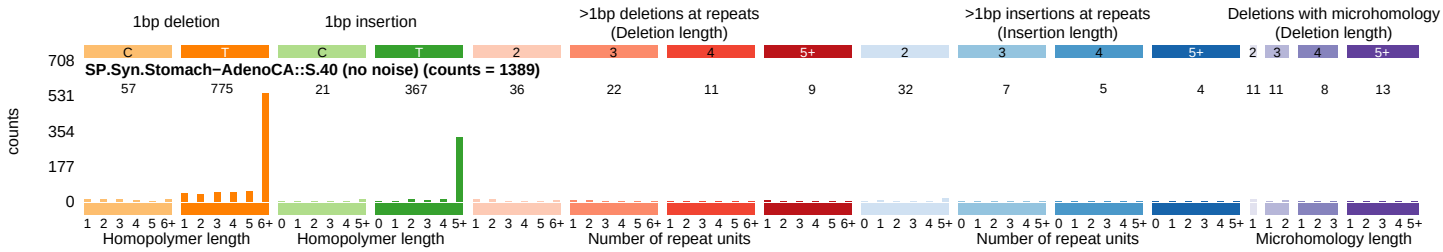

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.35 (no noise) (counts = 582)
counts
Homopolymer length
Number of repeat units
Microhomology length

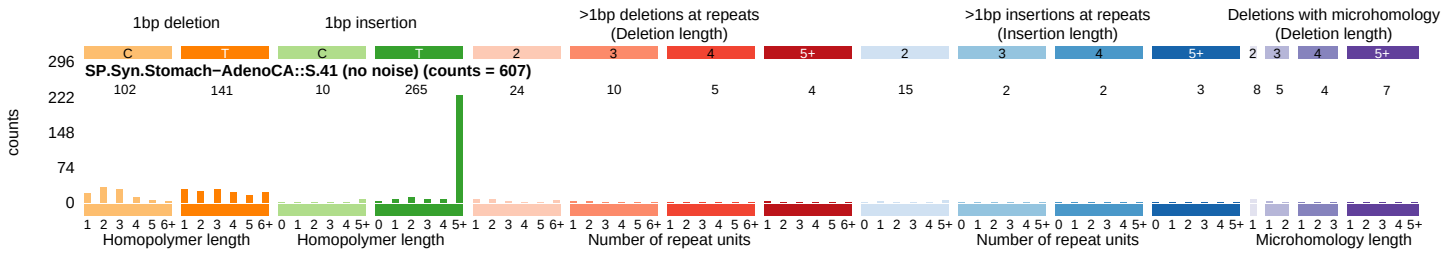

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.36 (no noise) (counts = 1408)
counts
Homopolymer length
Number of repeat units
Microhomology length

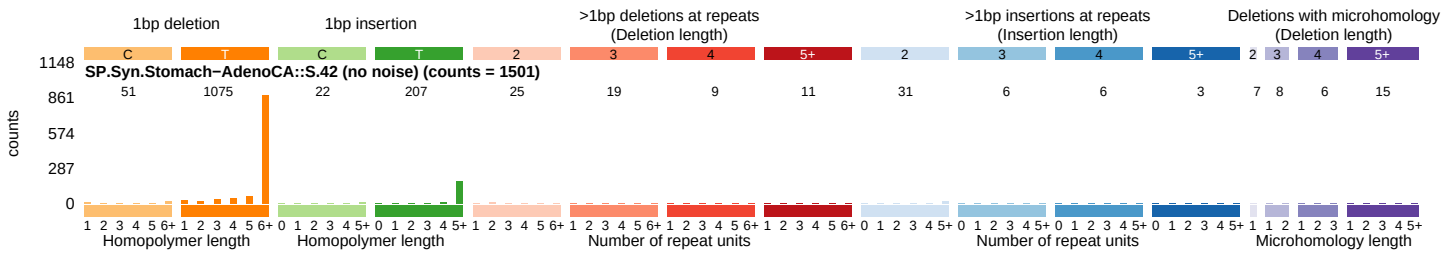

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.37 (no noise) (counts = 1511)
counts
Homopolymer length
Number of repeat units
Microhomology length

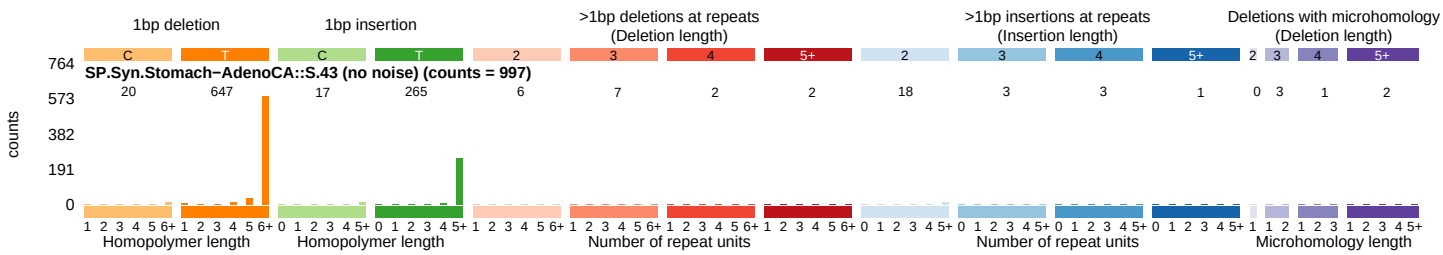

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.38 (no noise) (counts = 2736)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
122 576 31 678 49 34 20 73 41 10 10 26 14 20 30 1002
counts
796 597 398 199 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

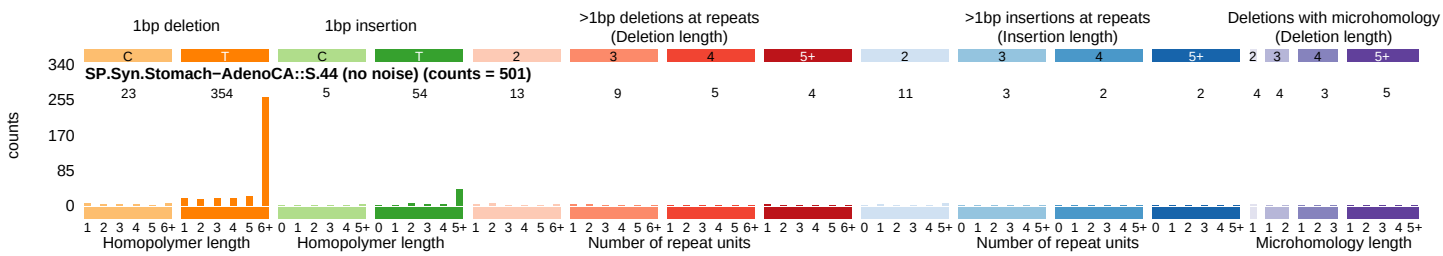

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.39 (no noise) (counts = 331)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
26 133 3 88 19 9 6 5 11 3 2 2 7 5 5 7
counts
88 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)
SP.Syn.Stomach−AdenoCA::S.40 (no noise) (counts = 1389)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
57 775 21 367 36 22 11 9 32 7 5 4 11 11 8 13
counts
708 531 354 177 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.41 (no noise) (counts = 607)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
102 141 10 265 24 10 5 4 15 2 2 3 8 5 4 7
counts
296 222 148 74 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.42 (no noise) (counts = 1501)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
51 1075 22 207 25 19 9 11 31 6 6 3 7 8 6 15
counts
1148 861 574 287 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.43 (no noise) (counts = 997)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
20 647 17 265 6 7 2 2 18 3 3 1 0 3 1 2
counts
764 573 382 191 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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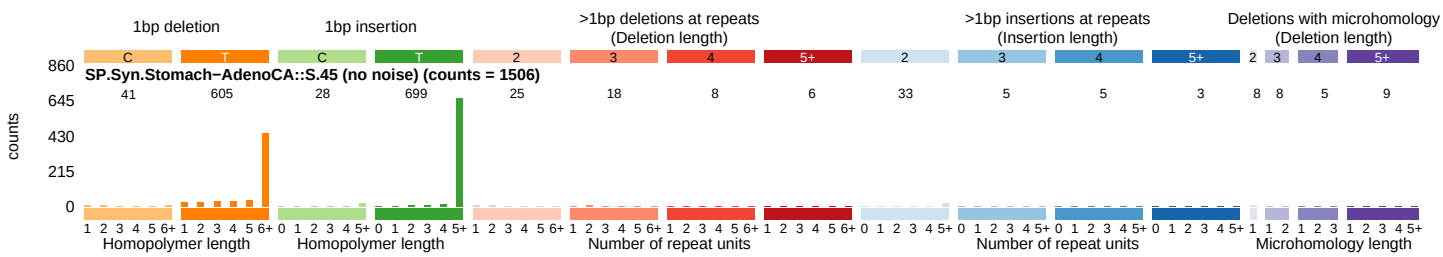
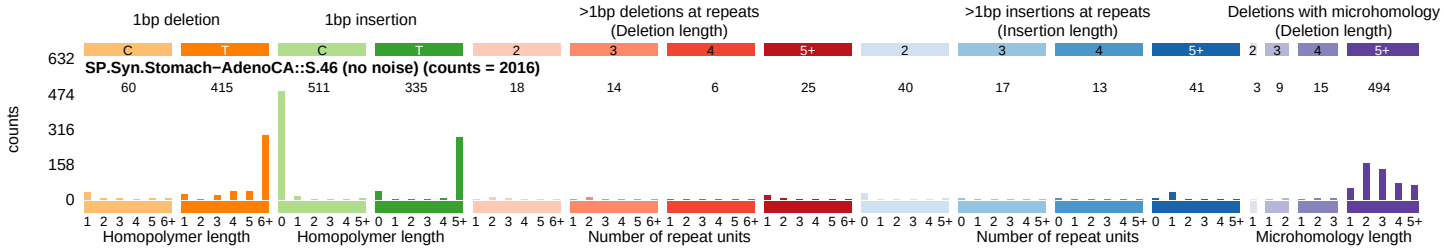
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.44 (no noise) (counts = 501)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
23 354 5 54 13 9 5 4 11 3 2 2 4 4 3 5
counts
340 255 170 85 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.45 (no noise) (counts = 1506)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
41 605 28 699 25 18 8 6 33 5 5 3 8 8 5 9
counts
860 645 430 215 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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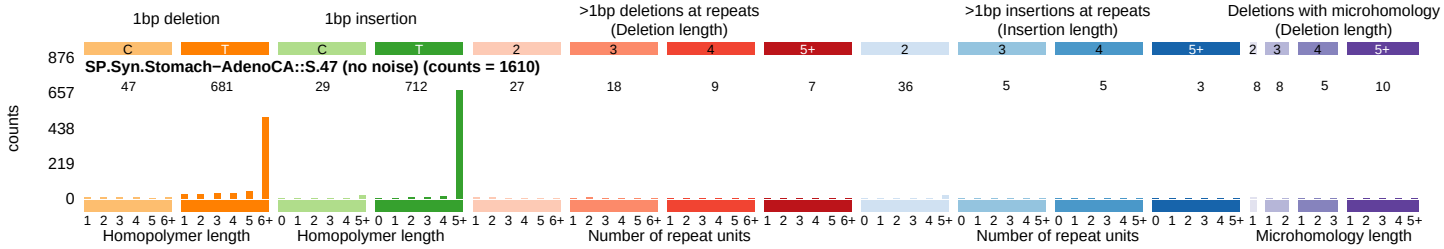
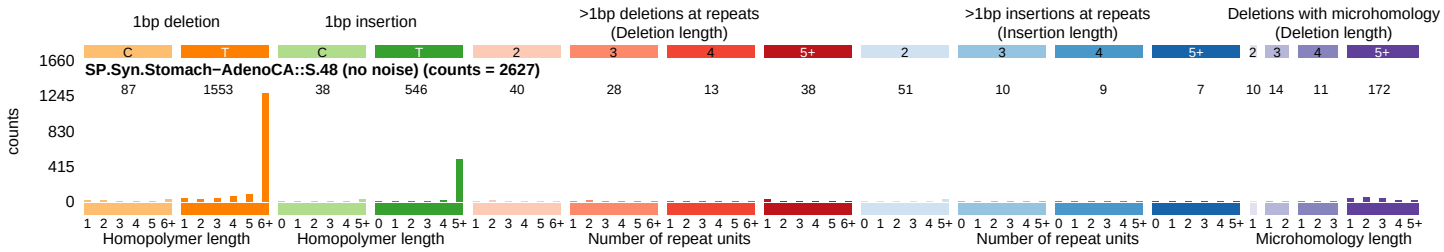
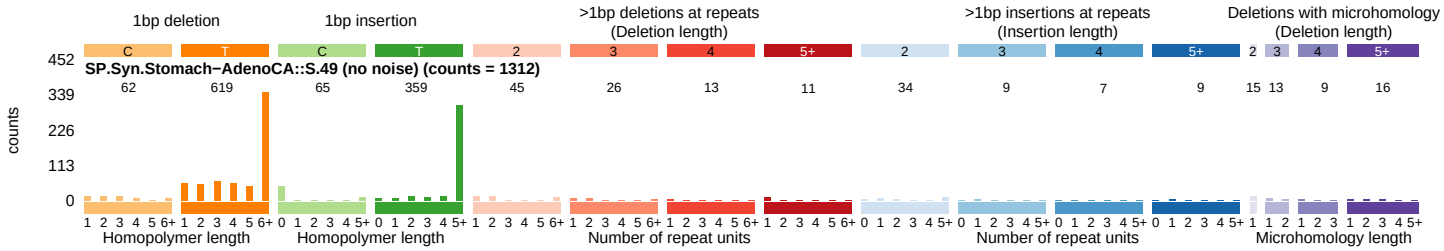
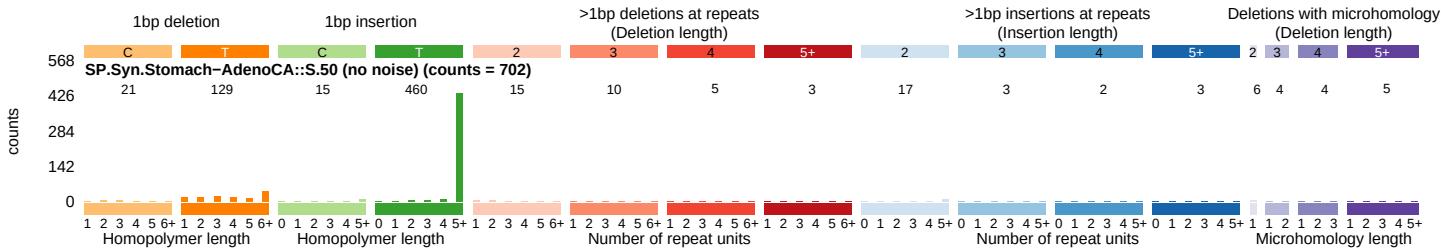
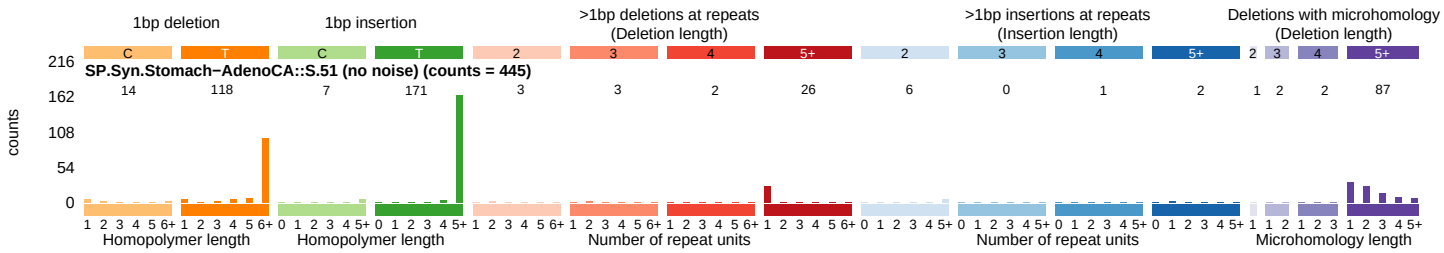
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.46 (no noise) (counts = 2016)
counts
Homopolymer length
Number of repeat units
Microhomology length

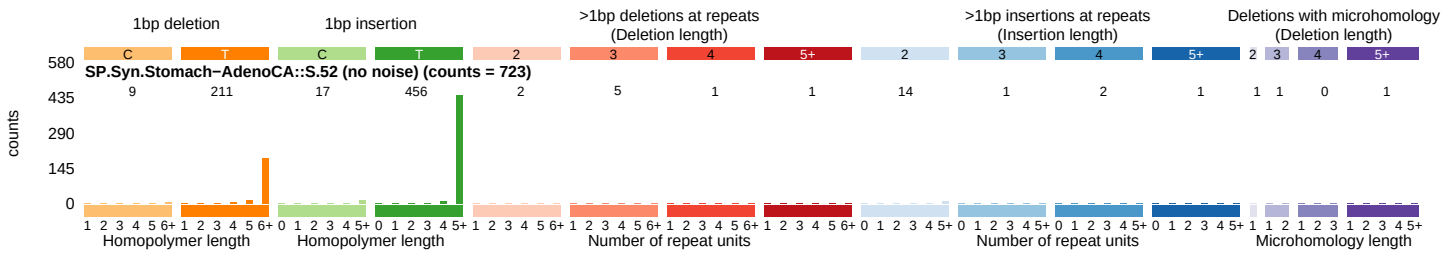

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.47 (no noise) (counts = 1610)
counts
Homopolymer length
Number of repeat units
Microhomology length

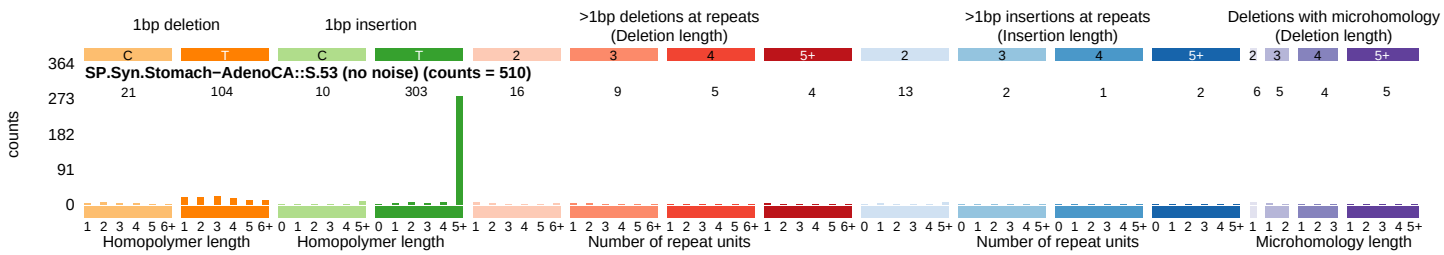

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.48 (no noise) (counts = 2627)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 = 1312)
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 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.51 (no noise) (counts = 445)
counts
Homopolymer length
Number of repeat units
Microhomology 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 = 723)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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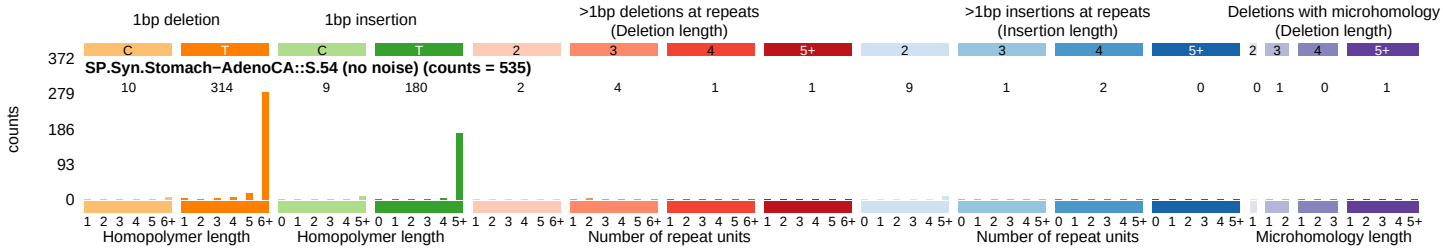
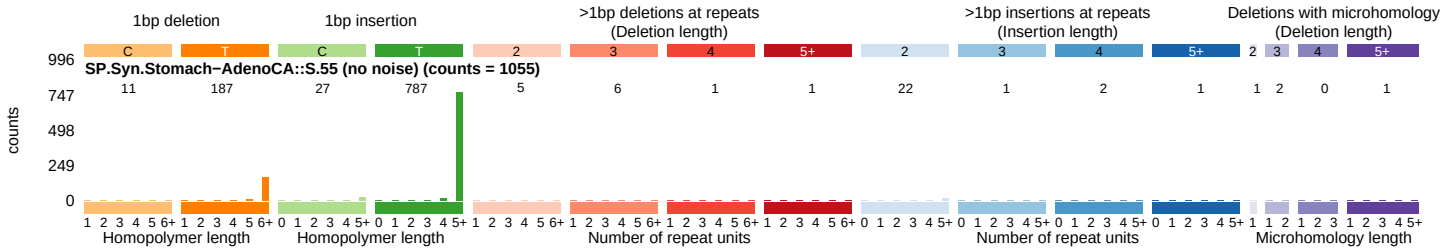
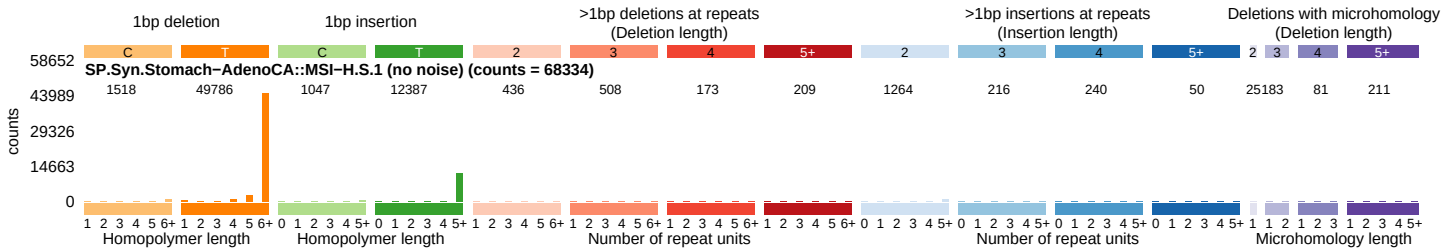
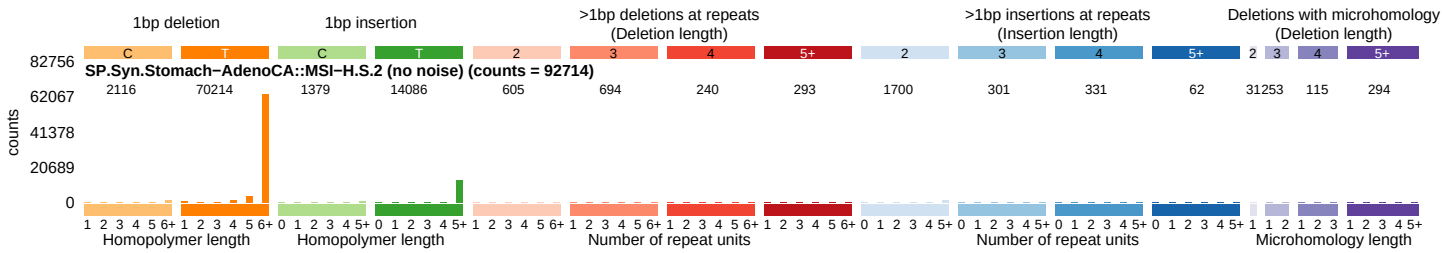
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.53 (no noise) (counts = 510)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.54 (no noise) (counts = 535)
10 314 9 180 2 4 1 1 9 1 2 0 0 1 0 1
counts
372 279 186 93 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::S.55 (no noise) (counts = 1055)
11 187 27 787 5 6 1 1 22 1 2 1 1 2 0 1
counts
996 747 498 249 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 = 68334)
1518 49786 1047 12387 436 508 173 209 1264 216 240 50 25183 81 211
counts
58652 43989 29326 14663 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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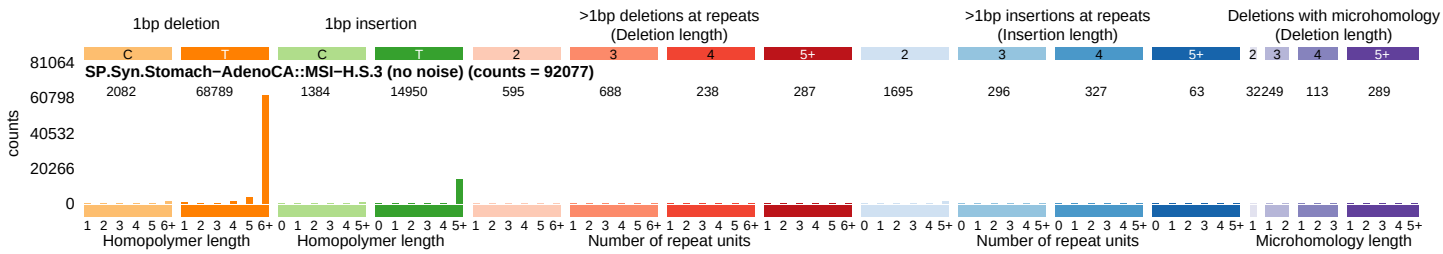
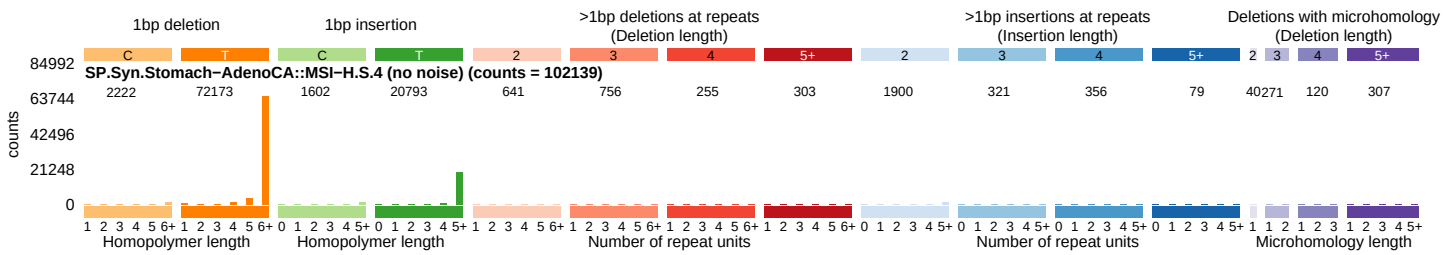
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::MSI−H.S.2 (no noise) (counts = 92714)
2116 70214 1379 14086 605 694 240 293 1700 301 331 62 31253 115 294
counts
82756 62067 41378 20689 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 = 92077)
2082 68789 1384 14950 595 688 238 287 1695 296 327 63 32249 113 289
counts
81064 60798 40532 20266 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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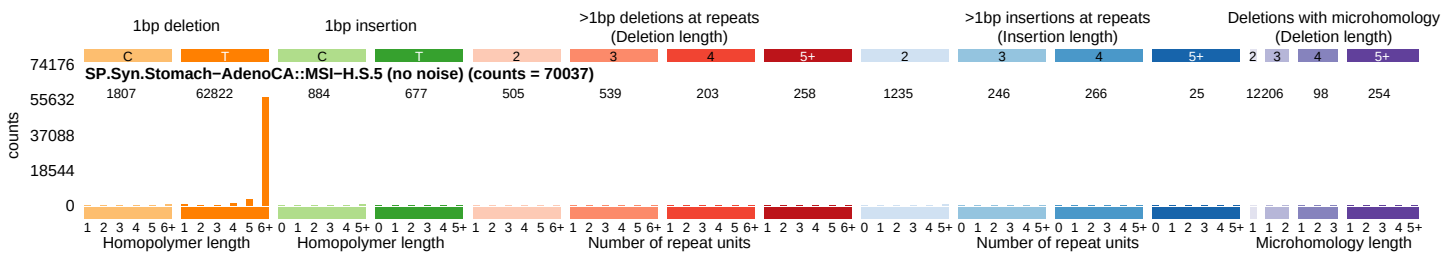
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::MSI−H.S.4 (no noise) (counts = 102139)
2222 72173 1602 20793 641 756 255 303 1900 321 356 79 40271 120 307
counts
84992 63744 42496 21248 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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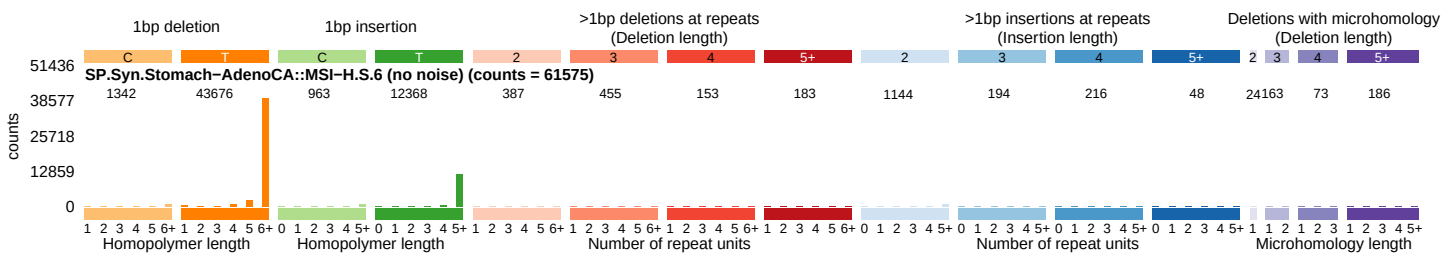
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::MSI−H.S.5 (no noise) (counts = 70037)
1807 62822 884 677 505 539 203 258 1235 246 266 25 12206 98 254
counts
74176 55632 37088 18544 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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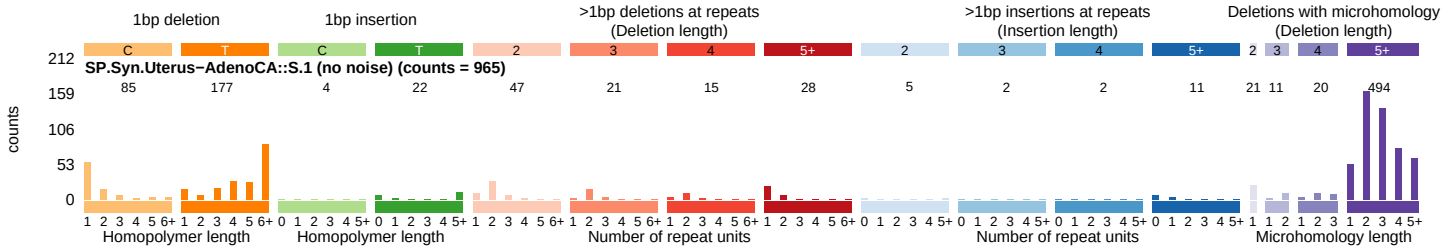
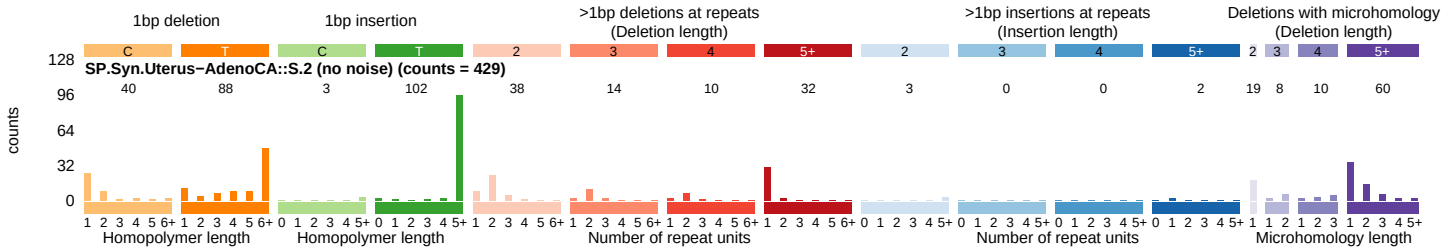
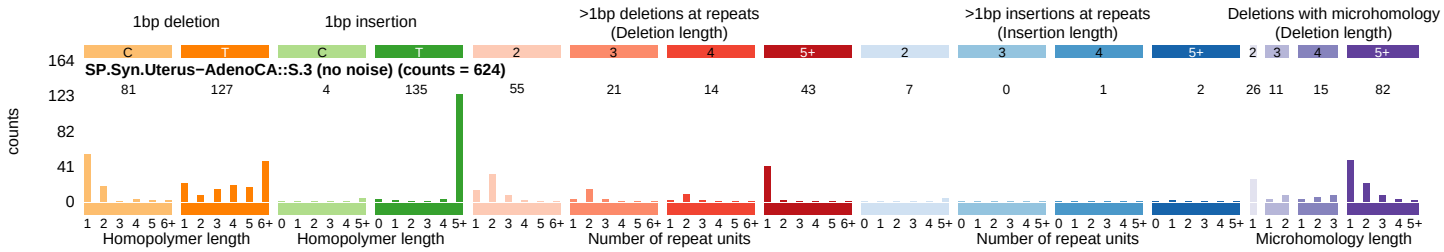
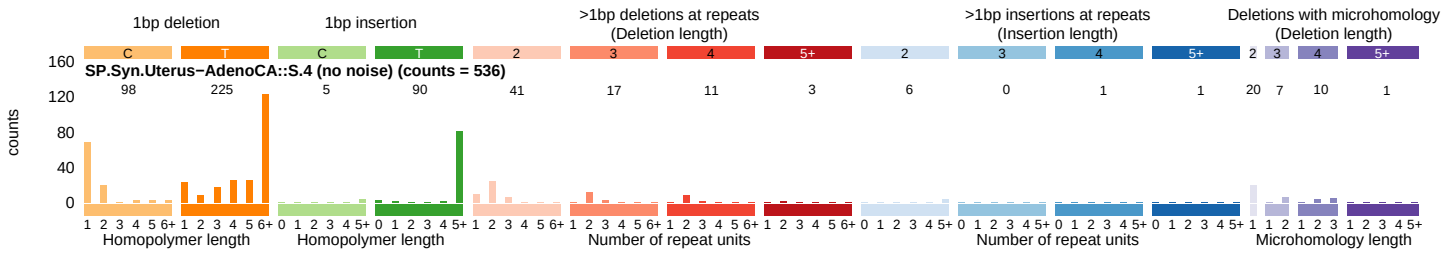
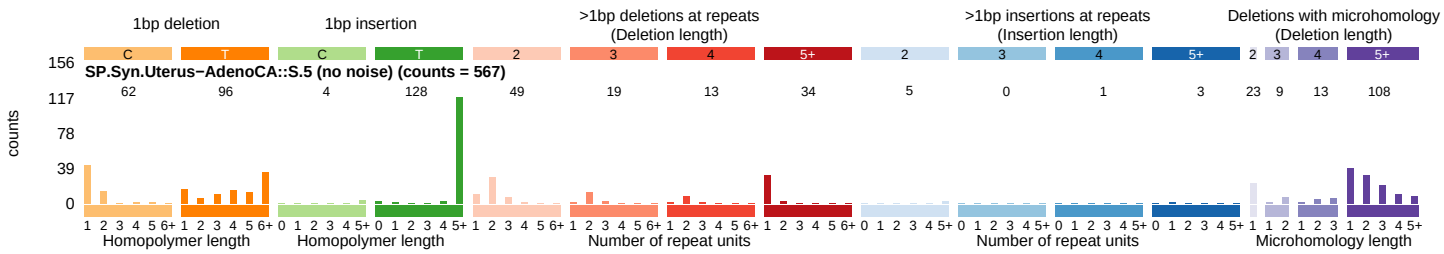
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::MSI−H.S.6 (no noise) (counts = 61575)
1342 43676 963 12368 387 455 153 183 1144 194 216 48 24163 73 186
counts
51436 38577 25718 12859 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

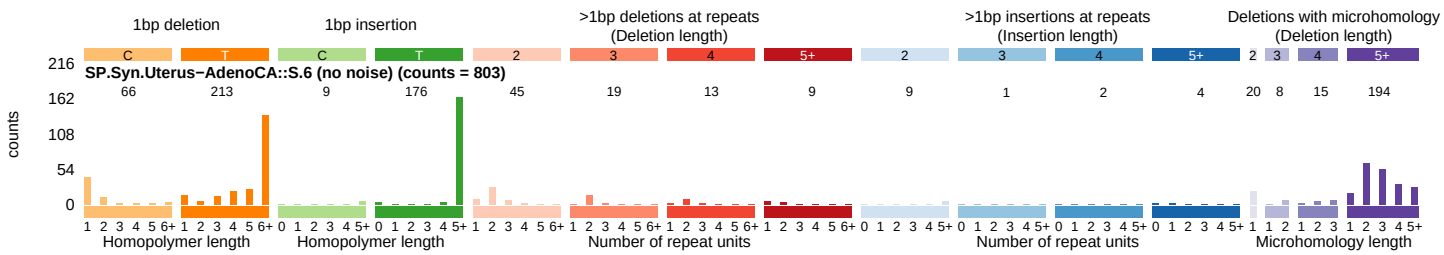

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.1 (no noise) (counts = 965)
85 177 4 22 47 21 15 28 5 2 2 11 21 11 20 494
counts
212 159 106 53 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

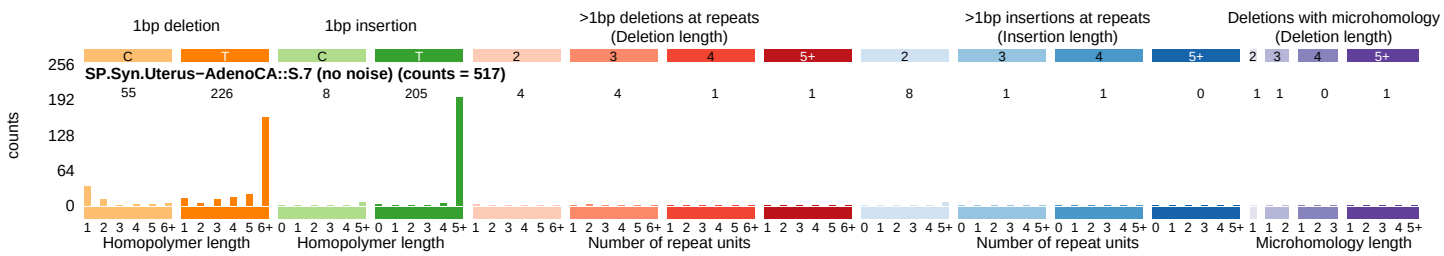

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.2 (no noise) (counts = 429)
40 88 3 102 38 14 10 32 3 0 0 2 19 8 10 60
counts
128 96 64 32 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

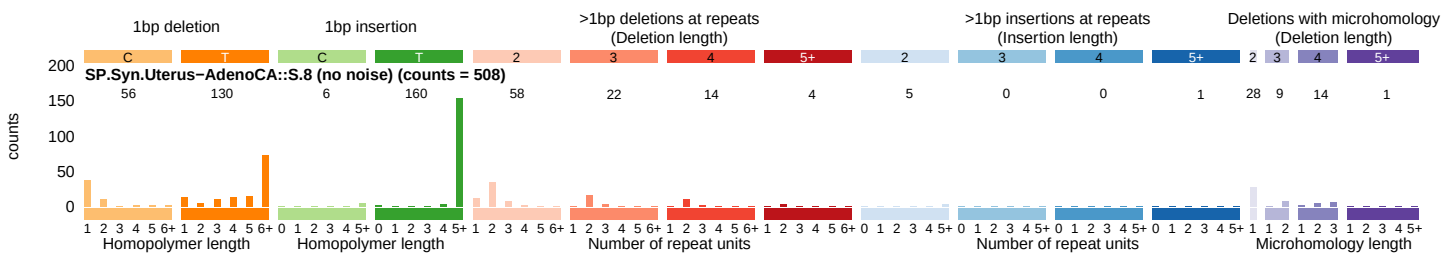

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.3 (no noise) (counts = 624)
81 127 4 135 55 21 14 43 7 0 1 2 26 11 15 82
counts
164 123 82 41 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

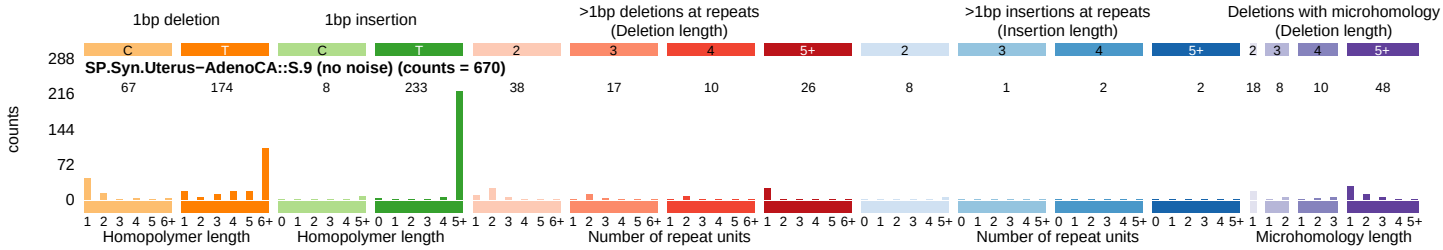

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.4 (no noise) (counts = 536)
98 225 5 90 41 17 11 3 6 0 1 1 20 7 10 1
counts
160 120 80 40 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

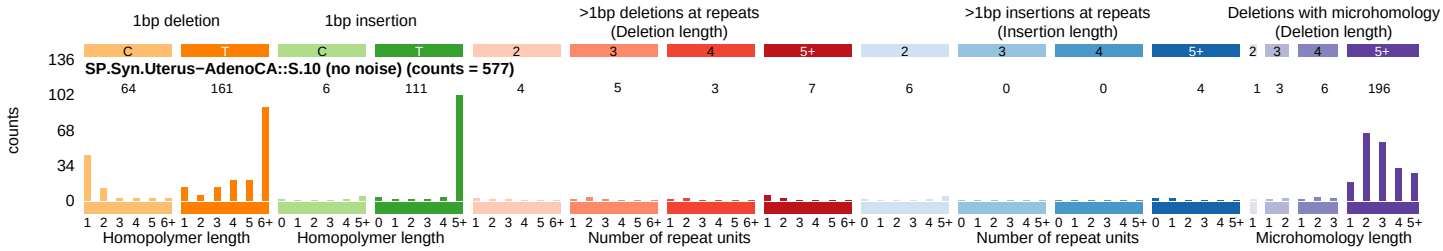

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.5 (no noise) (counts = 567)
62 96 4 128 49 19 13 34 5 0 1 3 23 9 13 108
counts
156 117 78 39 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

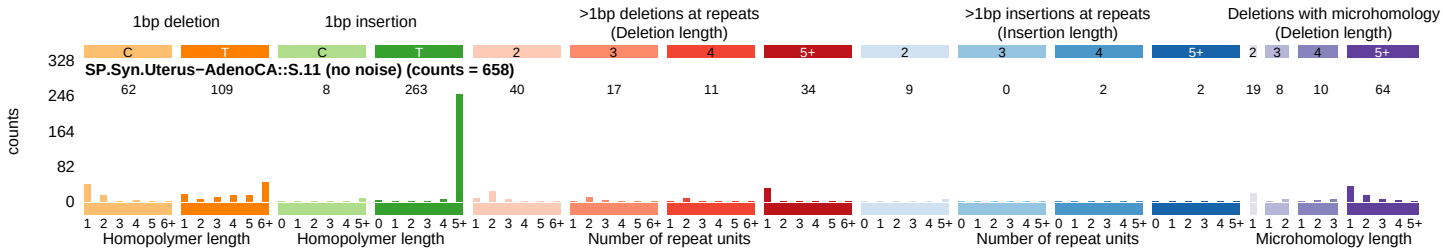

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.6 (no noise) (counts = 803)
66 213 9 176 45 19 13 9 9 1 2 4 20 8 15 194
counts
216 162 108 54 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

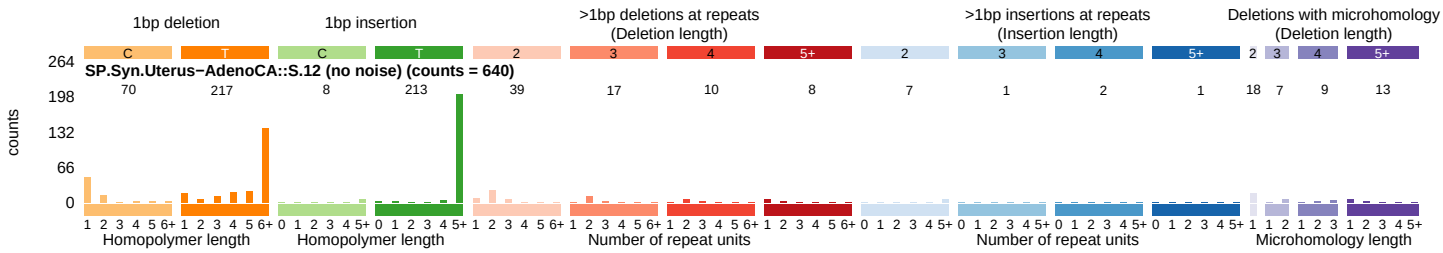

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.7 (no noise) (counts = 517)
55 226 8 205 4 4 1 1 8 1 1 0 1 1 0 1
counts
256 192 128 64 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

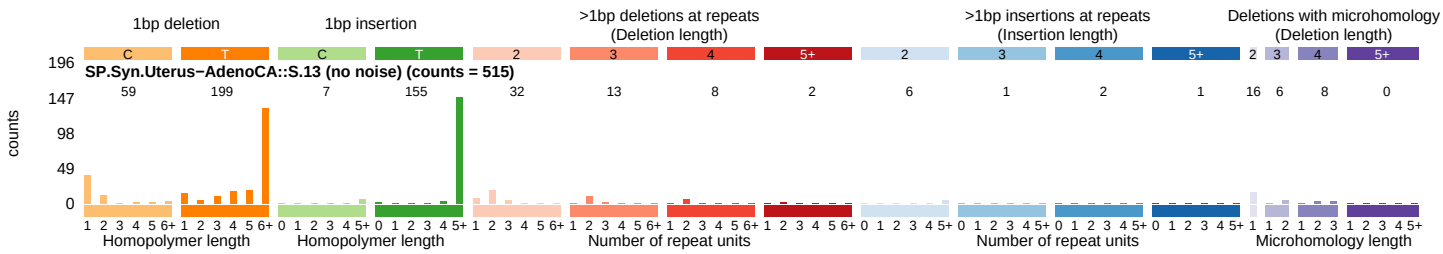

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.8 (no noise) (counts = 508)
56 130 6 160 58 22 14 4 5 0 0 1 28 9 14 1
counts
200 150 100 50 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

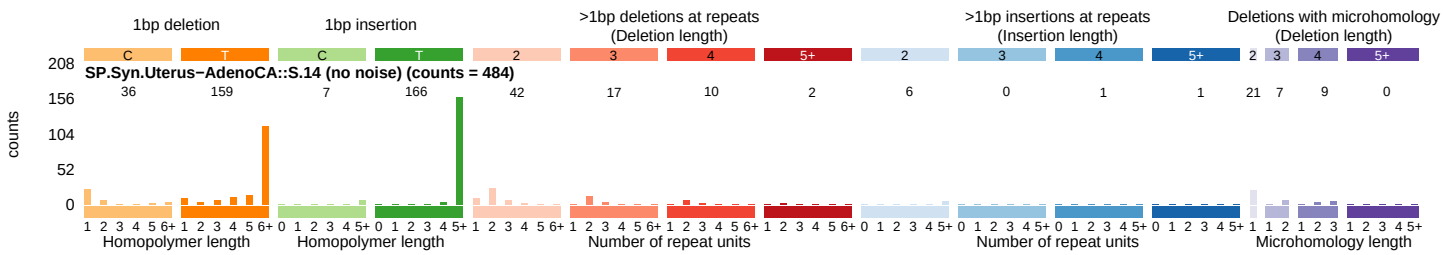

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.9 (no noise) (counts = 670)
67 174 8 233 38 17 10 26 8 1 2 2 18 8 10 48
counts
288 216 144 72 0
Homopolymer length
Number of repeat units
Microhomology length

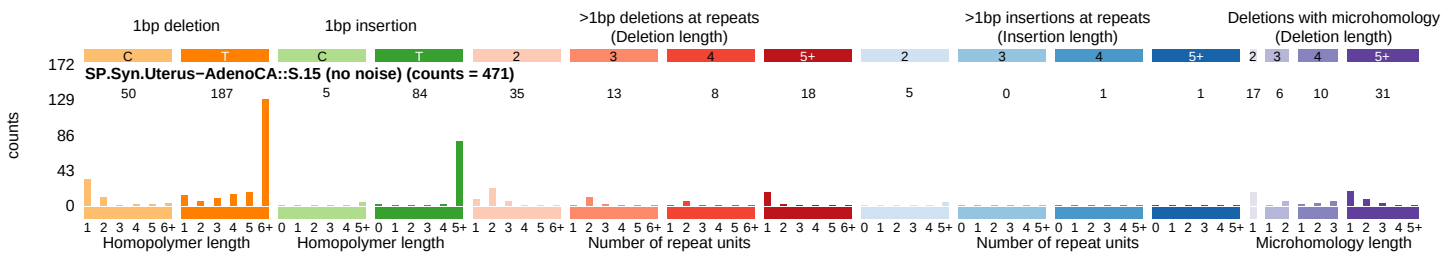

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.10 (no noise) (counts = 577)
64 161 6 111 4 5 3 7 6 0 0 4 1 3 6 196
counts
136 102 68 34 0
Homopolymer length
Number of repeat units
Microhomology length

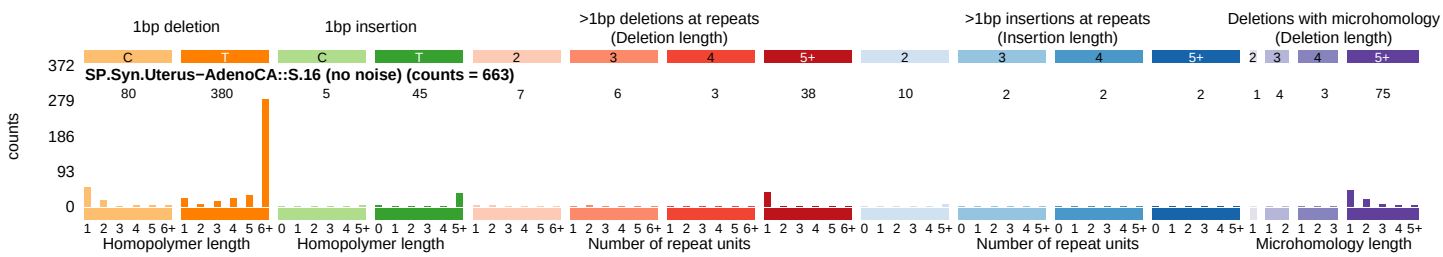

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.11 (no noise) (counts = 658)
62 109 8 263 40 17 11 34 9 0 2 2 19 8 10 64
counts
328 246 164 82 0
Homopolymer length
Number of repeat units
Microhomology length

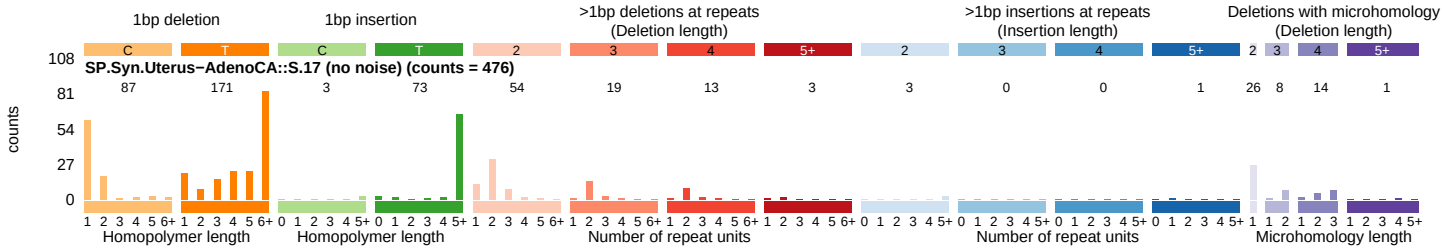

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.12 (no noise) (counts = 640)
70 217 8 213 39 17 10 8 7 1 2 1 18 7 9 13
counts
264 198 132 66 0
Homopolymer length
Number of repeat 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.Uterus−AdenoCA::S.13 (no noise) (counts = 515)
59 199 7 155 32 13 8 2 6 1 2 1 16 6 8 0
counts
196 147 98 49 0
Homopolymer length
Number of repeat 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.Uterus−AdenoCA::S.14 (no noise) (counts = 484)
36 159 7 166 42 17 10 2 6 0 1 1 21 7 9 0
counts
208 156 104 52 0
Homopolymer length
Number of repeat 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.Uterus−AdenoCA::S.15 (no noise) (counts = 471)
50 187 5 84 35 13 8 18 5 0 1 1 17 6 10 31
counts
172 129 86 43 0
Homopolymer length
Number of repeat 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.Uterus−AdenoCA::S.16 (no noise) (counts = 663)
80 380 5 45 7 6 3 38 10 2 2 2 1 4 3 75
counts
372 279 186 93 0
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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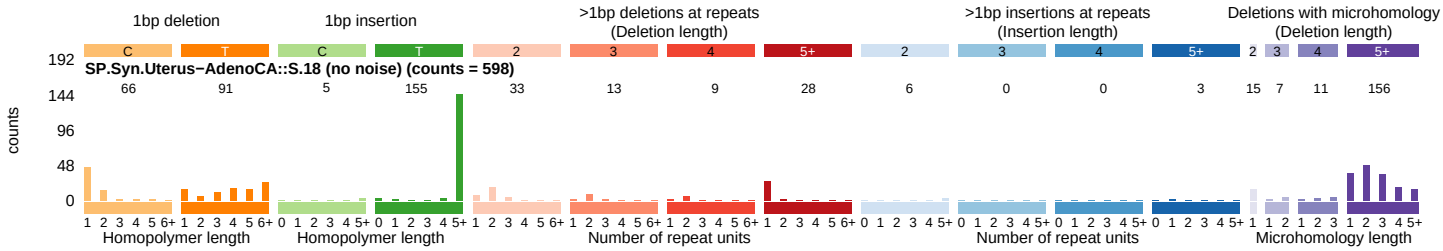
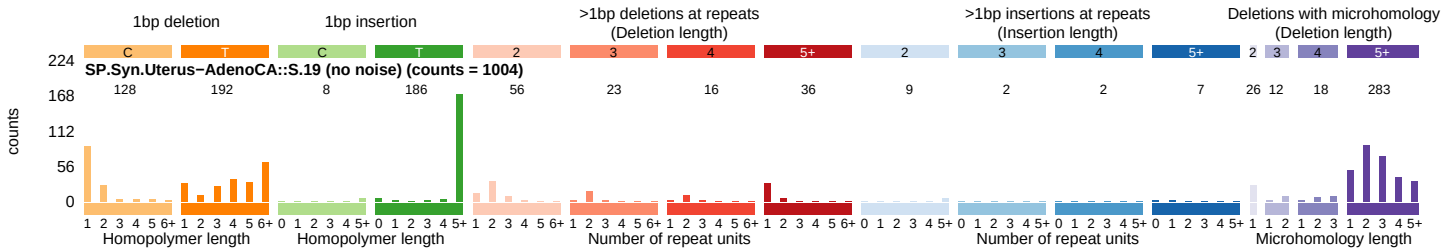
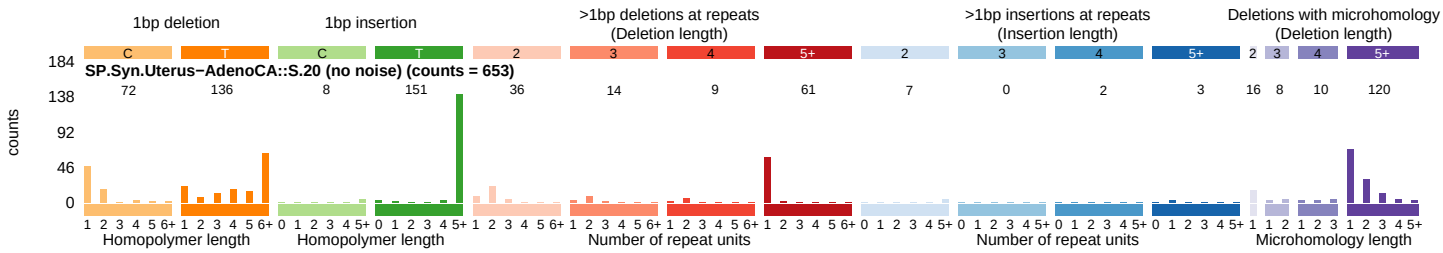
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.17 (no noise) (counts = 476)
87 171 3 73 54 19 13 3 3 0 0 1 26 8 14 1
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.18 (no noise) (counts = 598)
66 91 5 155 33 13 9 28 6 0 0 3 15 7 11 156
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.Uterus−AdenoCA::S.19 (no noise) (counts = 1004)
128 192 8 186 56 23 16 36 9 2 2 7 26 12 18 283
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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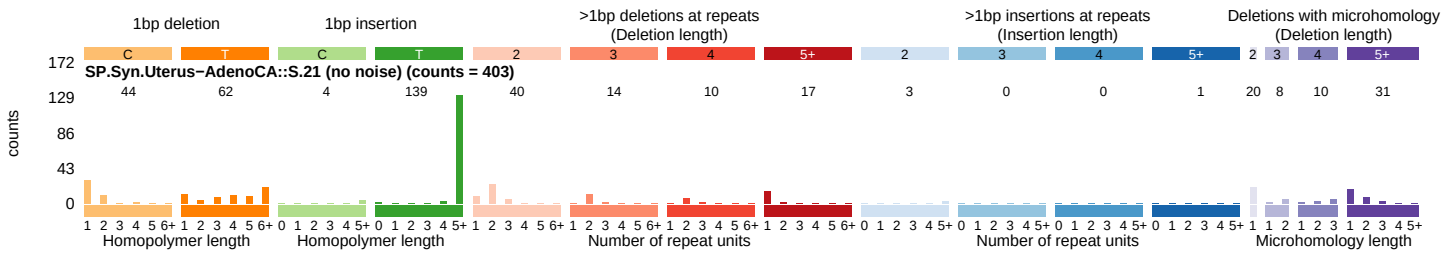
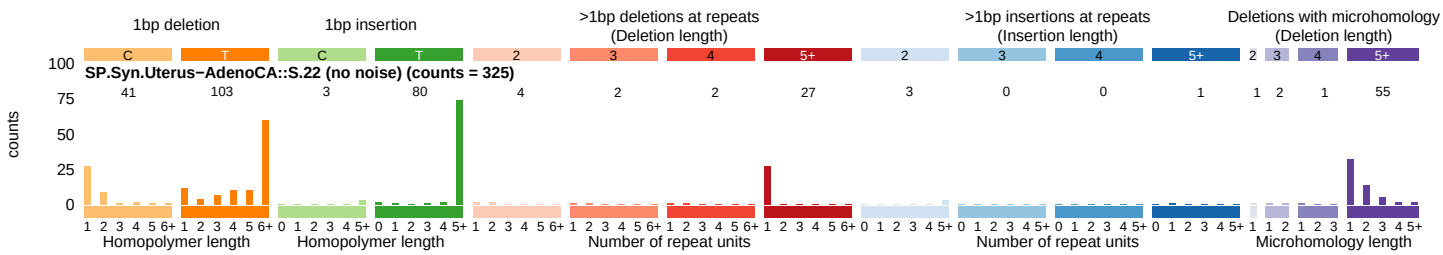
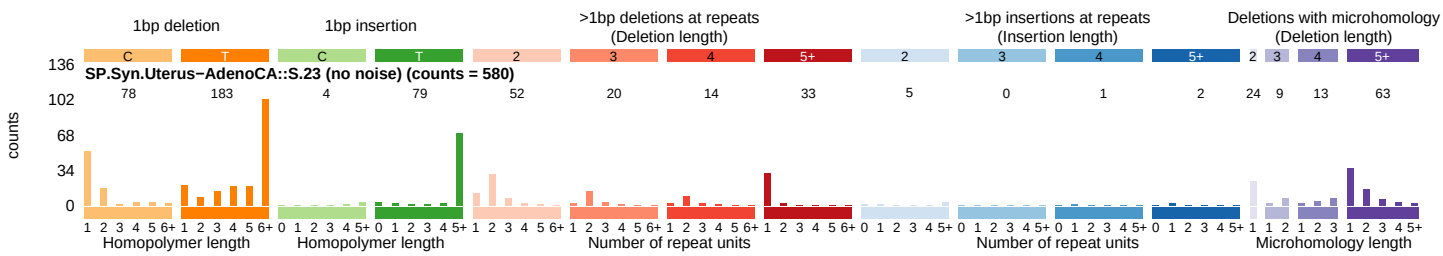
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.20 (no noise) (counts = 653)
72 136 8 151 36 14 9 61 7 0 2 3 16 8 10 120
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.21 (no noise) (counts = 403)
44 62 4 139 40 14 10 17 3 0 0 1 20 8 10 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)
SP.Syn.Uterus−AdenoCA::S.22 (no noise) (counts = 325)
41 103 3 80 4 2 2 27 3 0 0 1 1 2 1 55
counts
Homopolymer length
Number of repeat units
Microhomology length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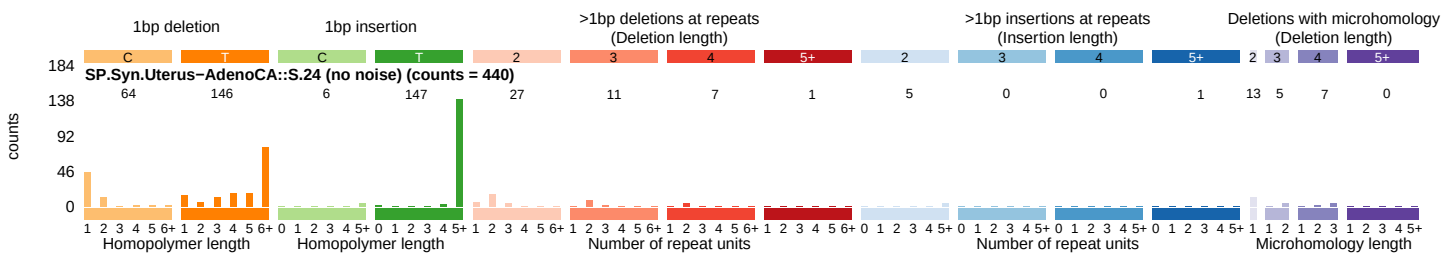
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.23 (no noise) (counts = 580)
78 183 4 79 52 20 14 33 5 0 1 2 24 9 13 63
counts
Homopolymer length
Number of repeat units
Microhomology length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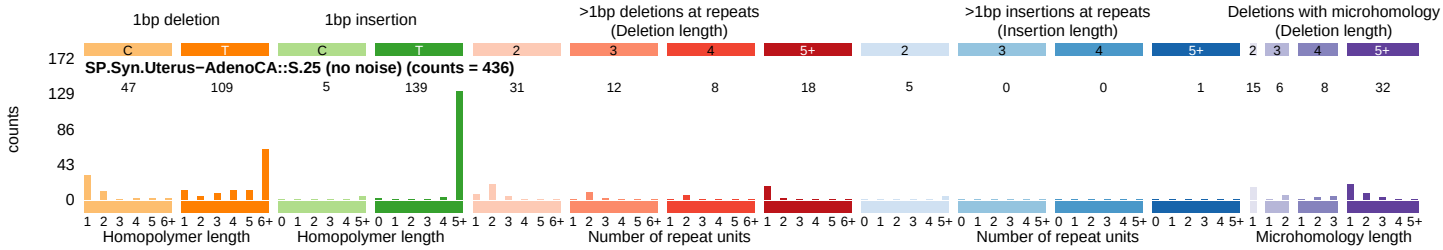
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.24 (no noise) (counts = 440)
64 146 6 147 27 11 7 1 5 0 0 1 13 5 7 0
counts
Homopolymer length
Number of repeat units
Microhomology length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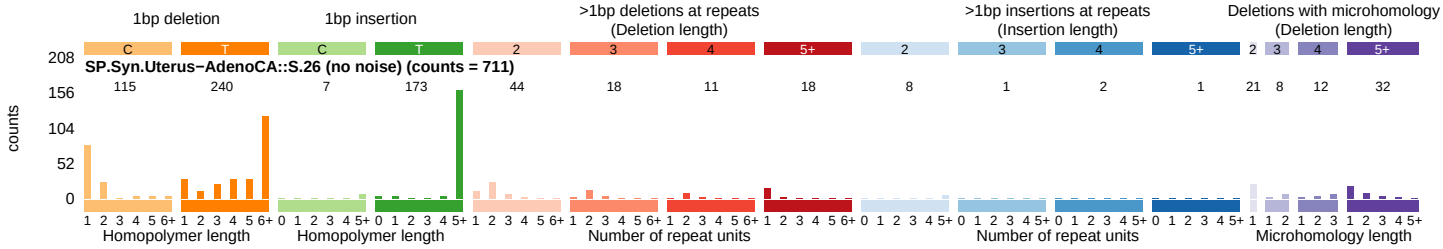
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.25 (no noise) (counts = 436)
47 109 5 139 31 12 8 18 5 0 0 1 15 6 8 32
counts
172 129 86 43 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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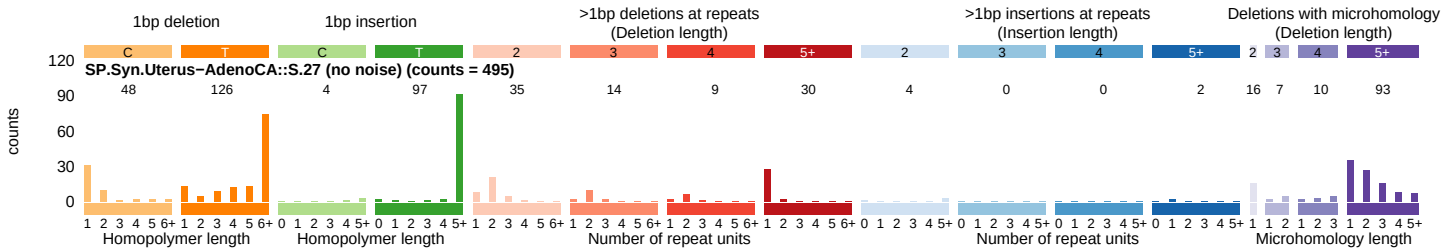
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.26 (no noise) (counts = 711)
115 240 7 173 44 18 11 18 8 1 2 1 21 8 12 32
counts
208 156 104 52 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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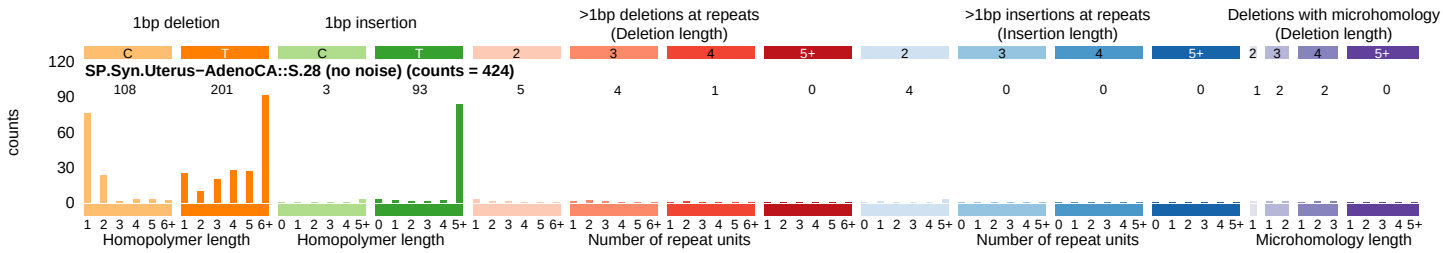
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.27 (no noise) (counts = 495)
48 126 4 97 35 14 9 30 4 0 0 2 16 7 10 93
counts
120 90 60 30 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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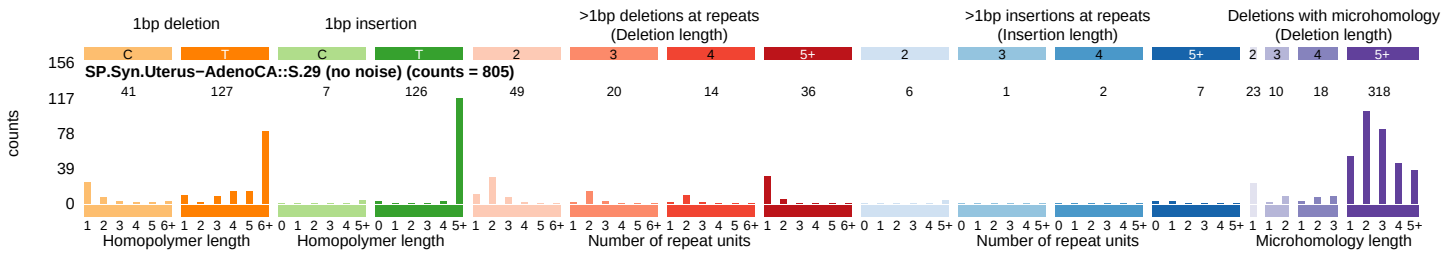
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.28 (no noise) (counts = 424)
108 201 3 93 5 4 1 0 4 0 0 0 1 2 2 0
counts
120 90 60 30 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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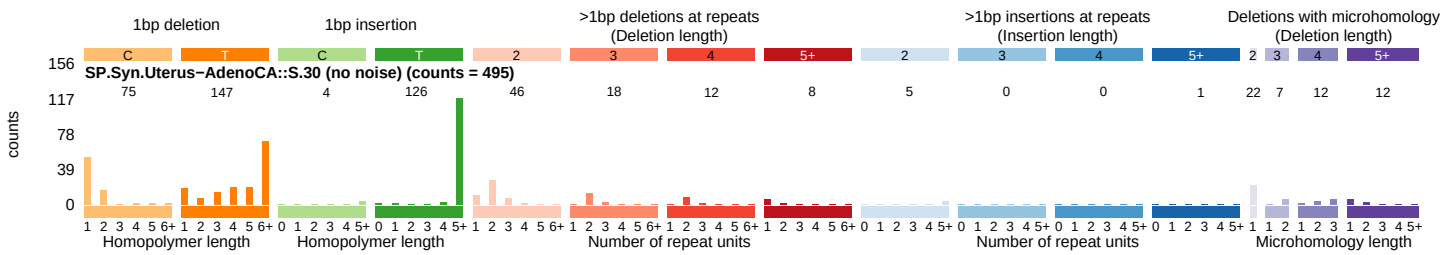
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.29 (no noise) (counts = 805)
41 127 7 126 49 20 14 36 6 1 2 7 23 10 18 318
counts
156 117 78 39 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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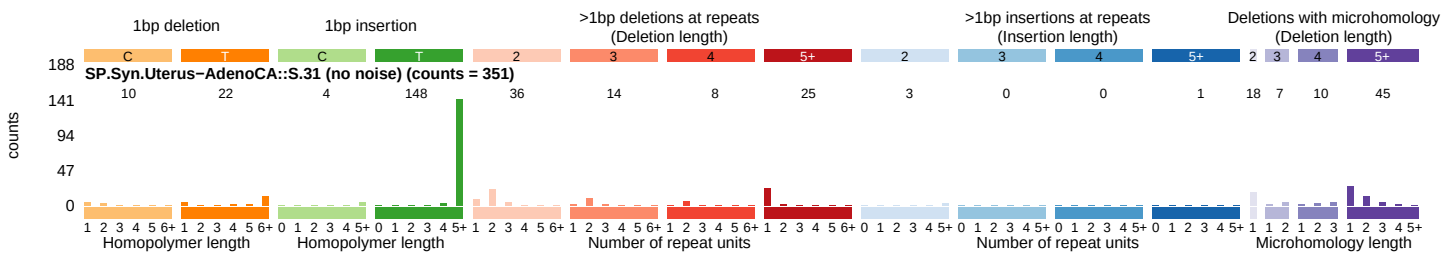
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.30 (no noise) (counts = 495)
75 147 4 126 46 18 12 8 5 0 0 1 22 7 12 12
counts
156 117 78 39 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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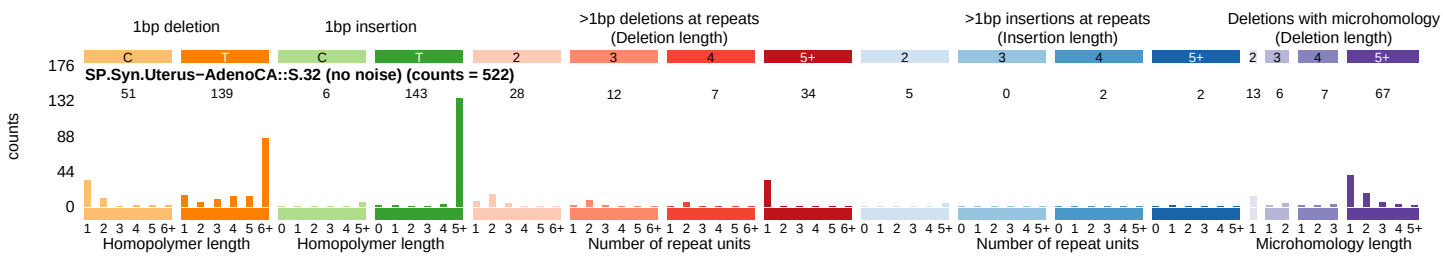
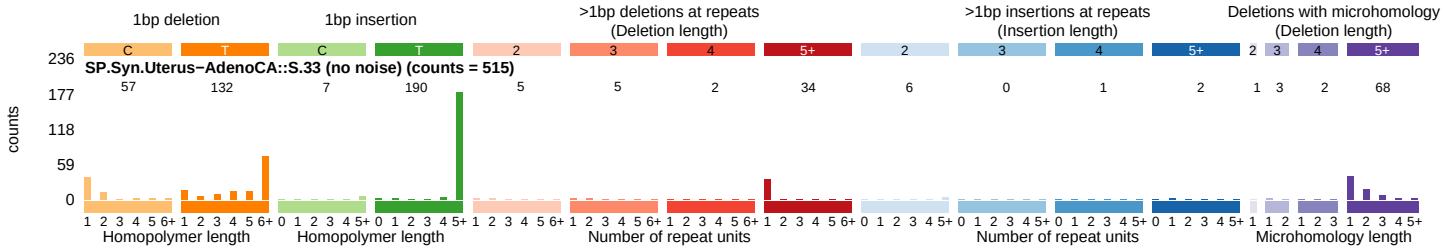
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.31 (no noise) (counts = 351)
10 22 4 148 36 14 8 25 3 0 0 1 18 7 10 45
counts
188 141 94 47 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.Uterus−AdenoCA::S.32 (no noise) (counts = 522)
51 139 6 143 28 12 7 34 5 0 2 2 13 6 7 67
counts
176 132 88 44 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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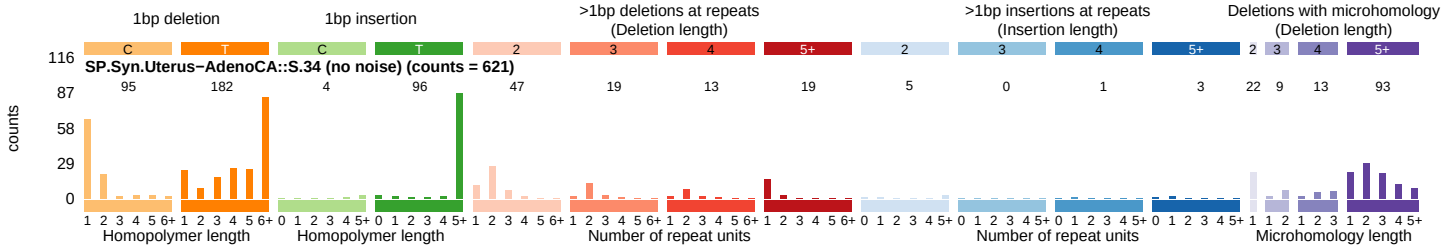
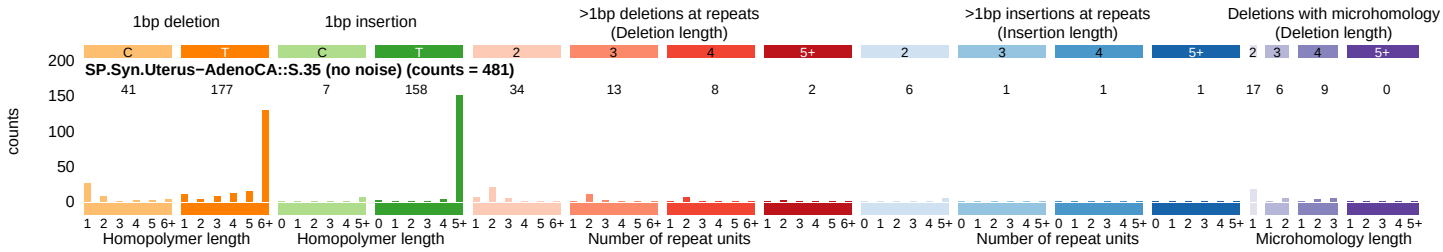
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.33 (no noise) (counts = 515)
57 132 7 190 5 5 2 34 6 0 1 2 1 3 2 68
counts
236 177 118 59 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.Uterus−AdenoCA::S.34 (no noise) (counts = 621)
95 182 4 96 47 19 13 19 5 0 1 3 22 9 13 93
counts
116 87 58 29 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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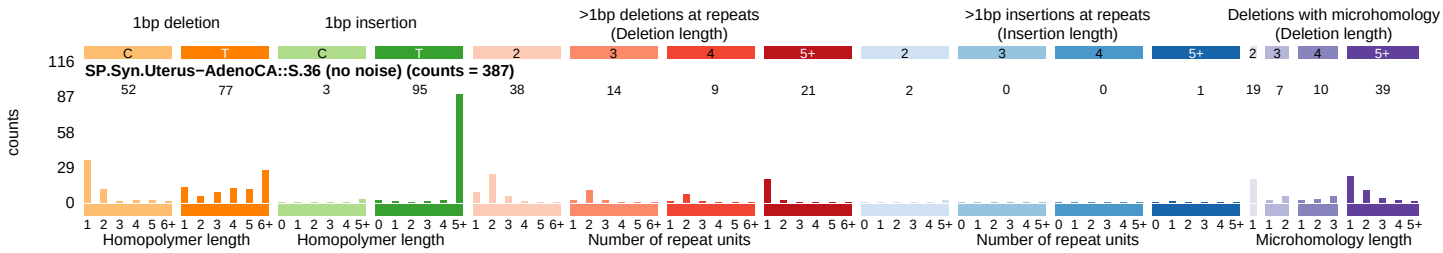
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.35 (no noise) (counts = 481)
41 177 7 158 34 13 8 2 6 1 1 1 17 6 9 0
counts
200 150 100 50 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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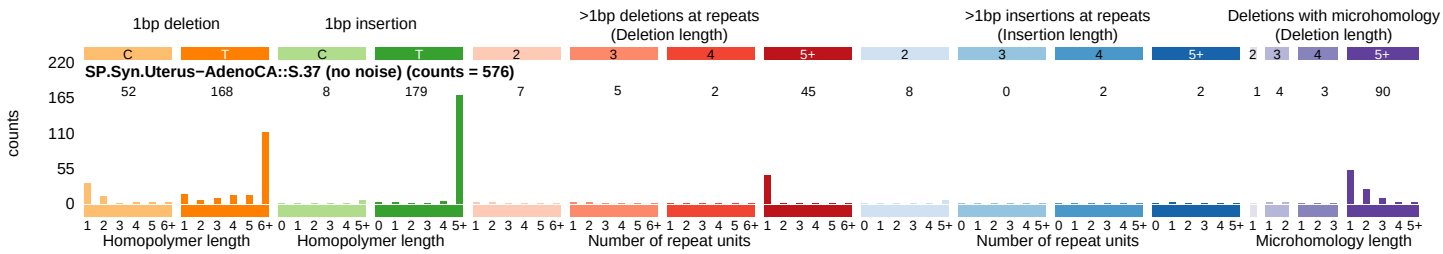
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.36 (no noise) (counts = 387)
52 77 3 95 38 14 9 21 2 0 0 1 19 7 10 39
counts
116 87 58 29 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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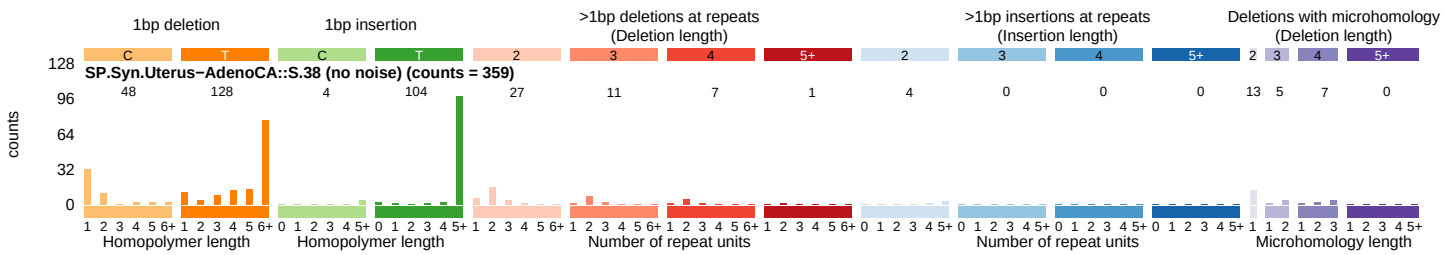
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.37 (no noise) (counts = 576)
52 168 8 179 7 5 2 45 8 0 2 2 1 4 3 90
counts
220 165 110 55 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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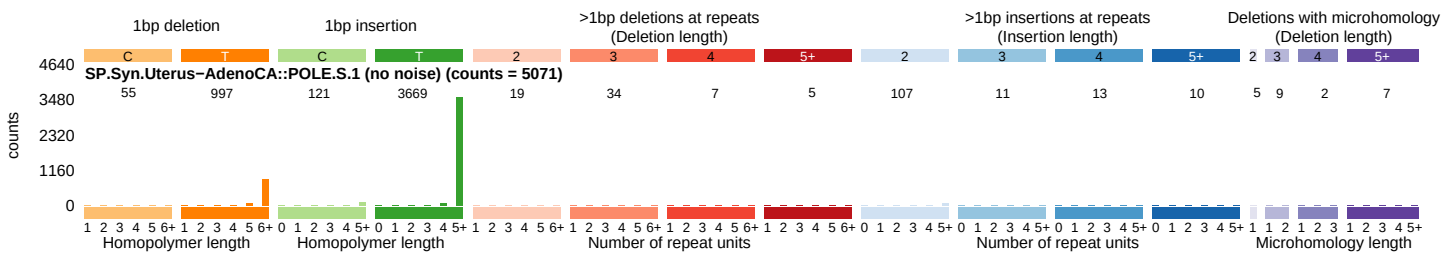
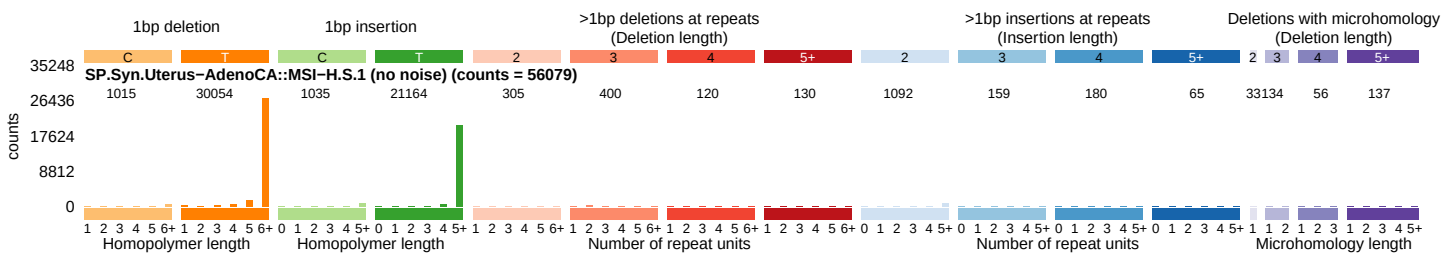
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::S.38 (no noise) (counts = 359)
48 128 4 104 27 11 7 1 4 0 0 0 13 5 7 0
counts
128 96 64 32 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


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.Uterus−AdenoCA::POLE.S.1 (no noise) (counts = 5071)
55 997 121 3669 19 34 7 5 107 11 13 10 5 9 2 7
counts
4640 3480 2320 1160 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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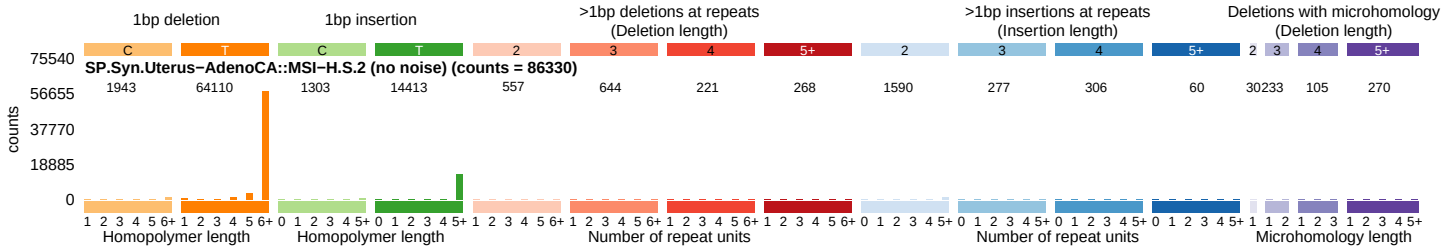
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Uterus−AdenoCA::MSI−H.S.1 (no noise) (counts = 56079)
1015 30054 1035 21164 305 400 120 130 1092 159 180 65 33134 56 137
counts
35248 26436 17624 8812 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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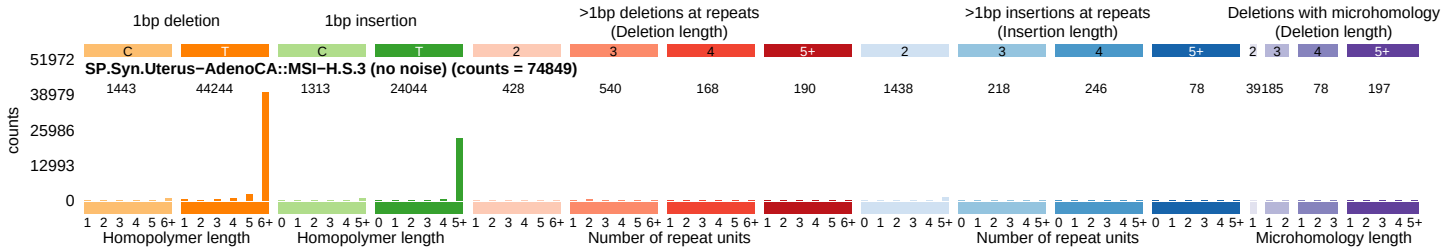
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::MSI−H.S.2 (no noise) (counts = 86330)
1943 64110 1303 14413 557 644 221 268 1590 277 306 60 30233 105 270
counts
Homopolymer length
Number of repeat units
Microhomology length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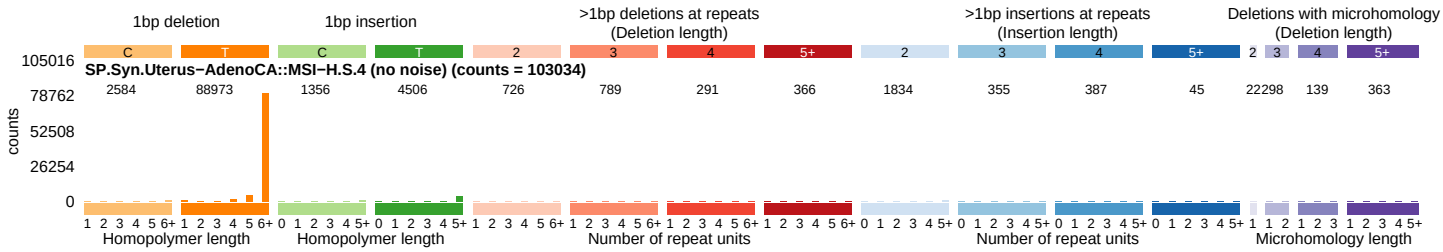
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::MSI−H.S.3 (no noise) (counts = 74849)
1443 44244 1313 24044 428 540 168 190 1438 218 246 78 39185 78 197
counts
Homopolymer length
Number of repeat units
Microhomology length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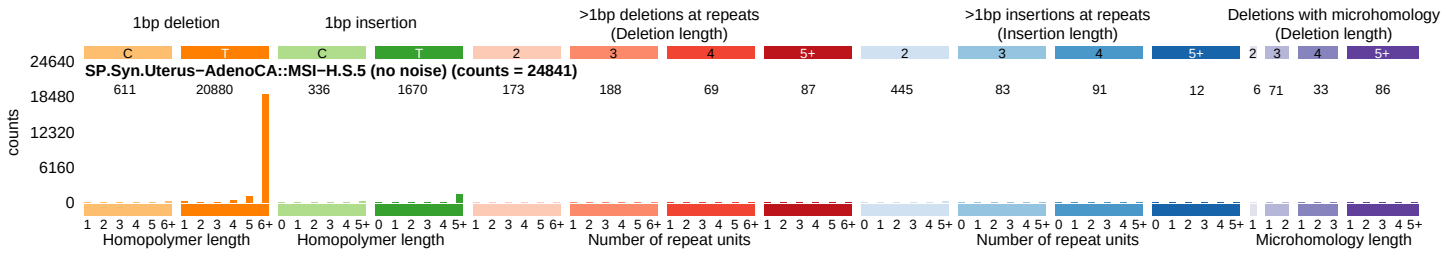
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::MSI−H.S.4 (no noise) (counts = 103034)
2584 88973 1356 4506 726 789 291 366 1834 355 387 45 22298 139 363
counts
Homopolymer length
Number of repeat units
Microhomology length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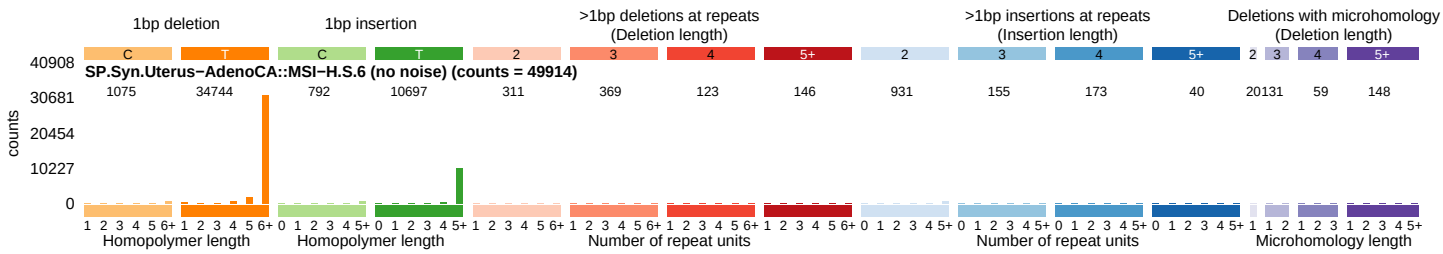
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::MSI−H.S.5 (no noise) (counts = 24841)
611 20880 336 1670 173 188 69 87 445 83 91 12 6 71 33 86
counts
Homopolymer length
Number of repeat units
Microhomology length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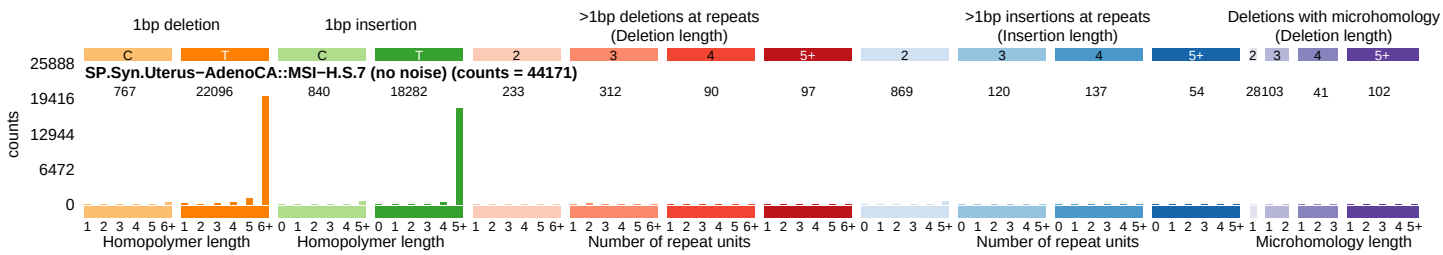
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::MSI−H.S.6 (no noise) (counts = 49914)
1075 34744 792 10697 311 369 123 146 931 155 173 40 20131 59 148
counts
Homopolymer length
Number of repeat units
Microhomology length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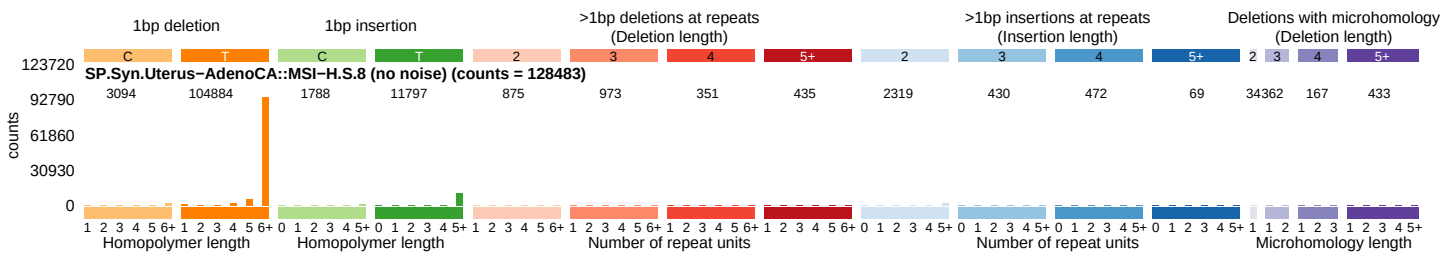
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::MSI−H.S.7 (no noise) (counts = 44171)
767 22096 840 18282 233 312 90 97 869 120 137 54 28103 41 102
counts
Homopolymer length
Number of repeat units
Microhomology length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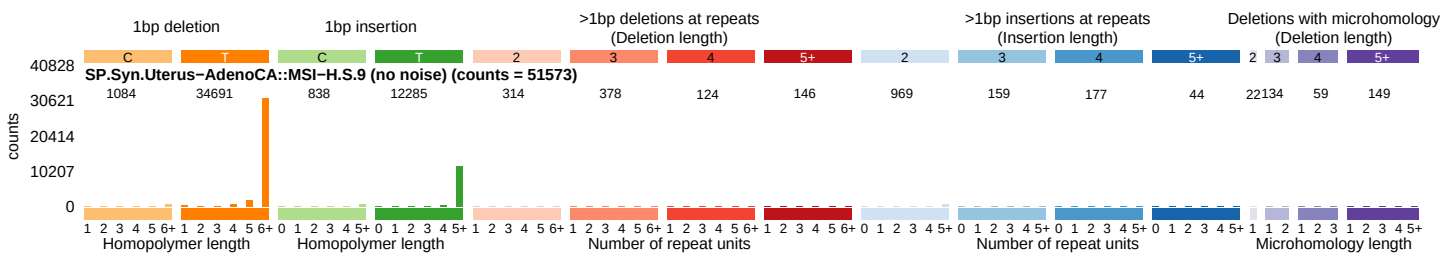
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::MSI−H.S.8 (no noise) (counts = 128483)
3094 104884 1788 11797 875 973 351 435 2319 430 472 69 34362 167 433
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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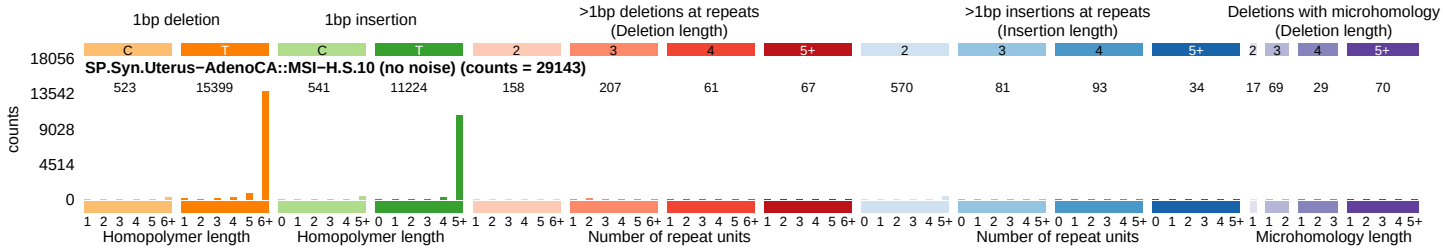
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::MSI−H.S.9 (no noise) (counts = 51573)
1084 34691 838 12285 314 378 124 146 969 159 177 44 22134 59 149
counts
Homopolymer length
Number of repeat units
Microhomology length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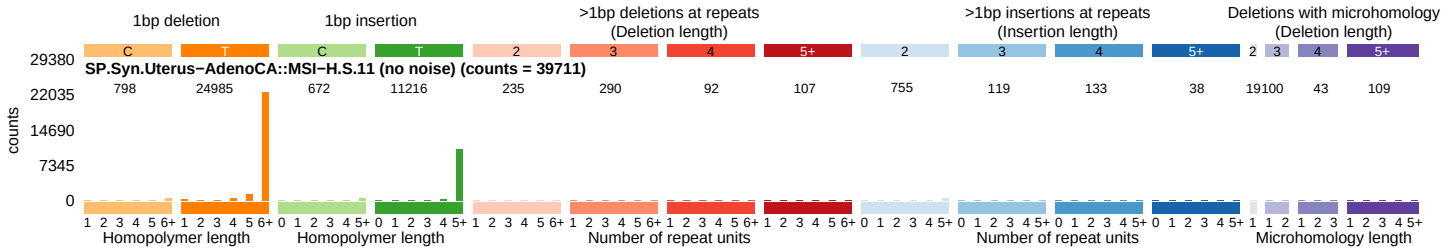
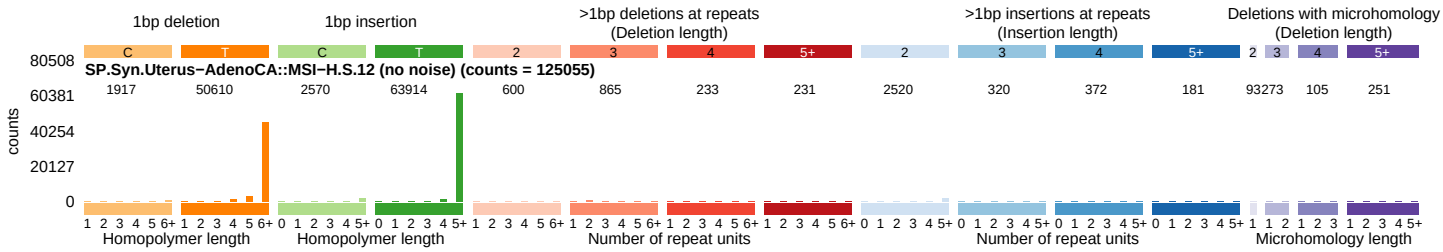
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::MSI−H.S.10 (no noise) (counts = 29143)
523 15399 541 11224 158 207 61 67 570 81 93 34 17 69 29 70
counts
Homopolymer length
Homopolymer 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.Uterus−AdenoCA::MSI−H.S.11 (no noise) (counts = 39711)
798 24985 672 11216 235 290 92 107 755 119 133 38 19100 43 109
counts
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.Uterus−AdenoCA::MSI−H.S.12 (no noise) (counts = 125055)
1917 50610 2570 63914 600 865 233 231 2520 320 372 181 93273 105 251
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length