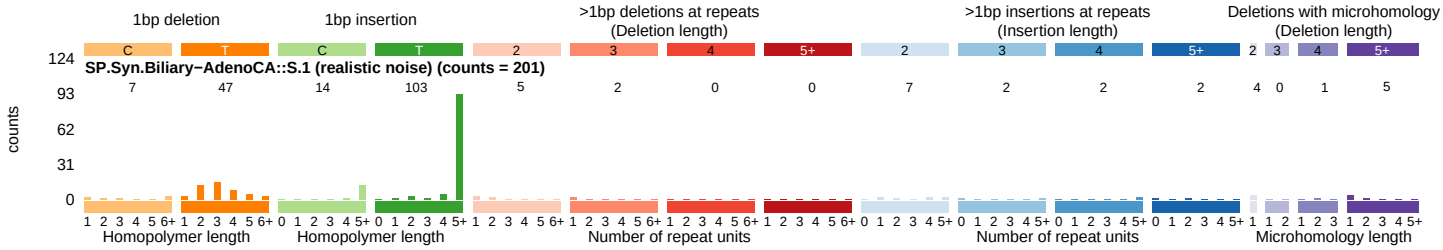
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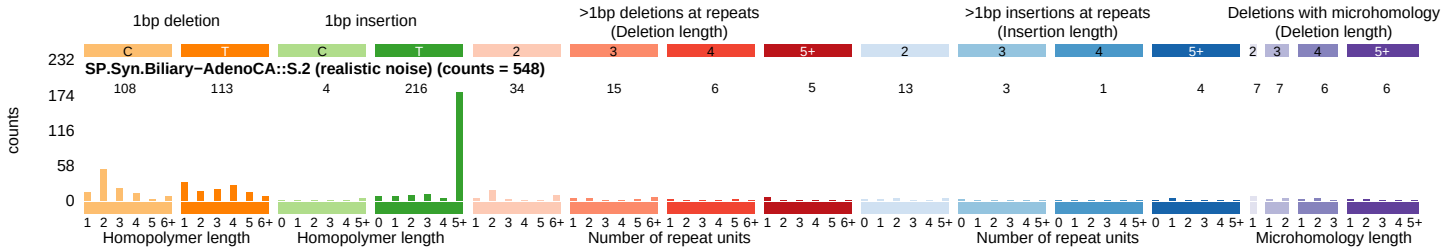
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.1 (realistic noise) (counts = 201)
counts
Homopolymer length
Number of repeat units
Microhomology length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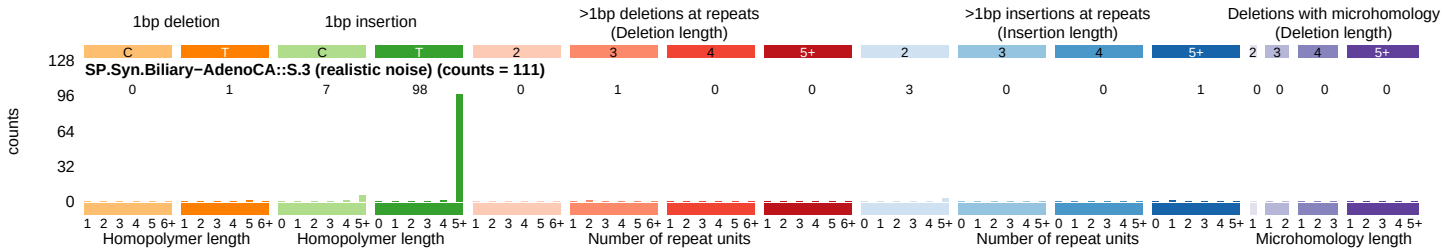
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.2 (realistic noise) (counts = 548)
counts
Homopolymer length
Number of repeat units
Microhomology length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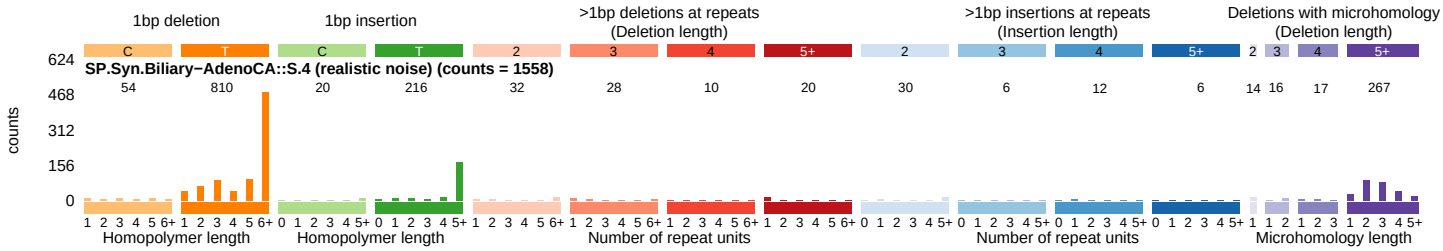
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.3 (realistic noise) (counts = 111)
counts
Homopolymer length
Number of repeat units
Microhomology length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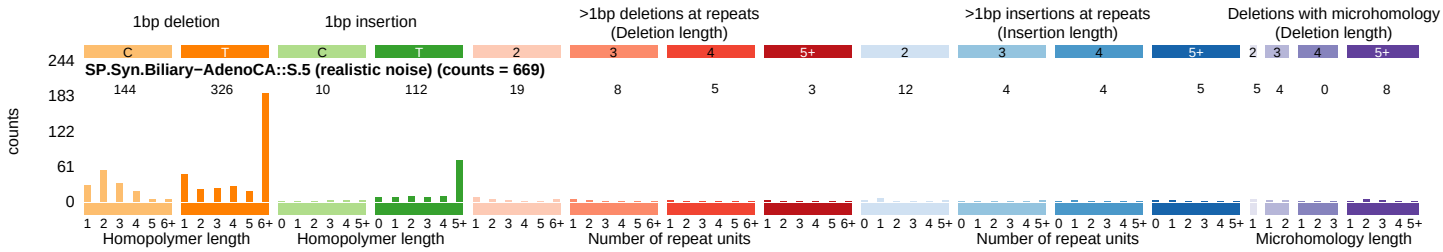
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.4 (realistic noise) (counts = 1558)
counts
Homopolymer length
Number of repeat units
Microhomology length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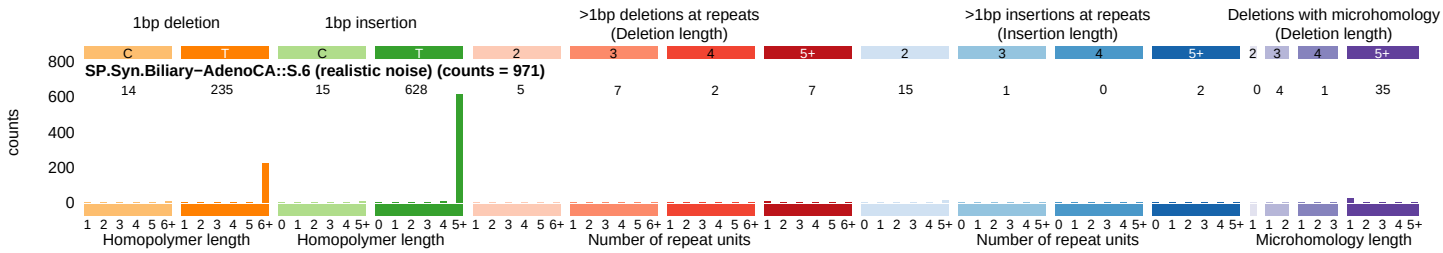
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.5 (realistic noise) (counts = 669)
counts
Homopolymer length
Number of repeat units
Microhomology length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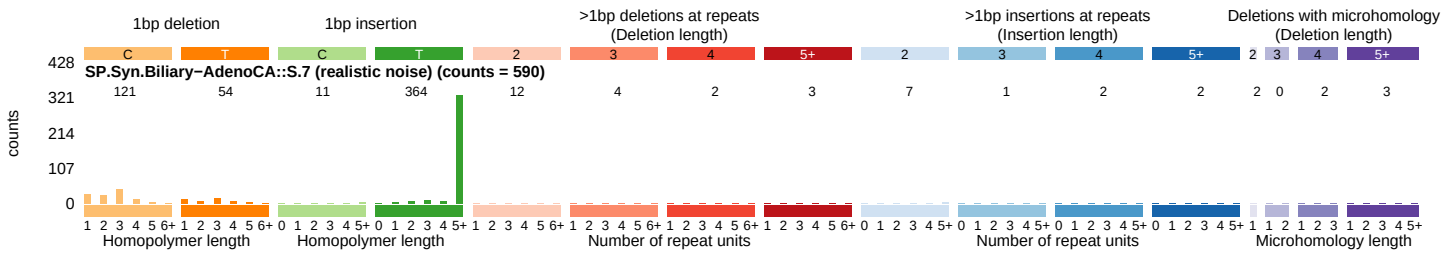
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.6 (realistic noise) (counts = 971)
counts
Homopolymer length
Number of repeat units
Microhomology length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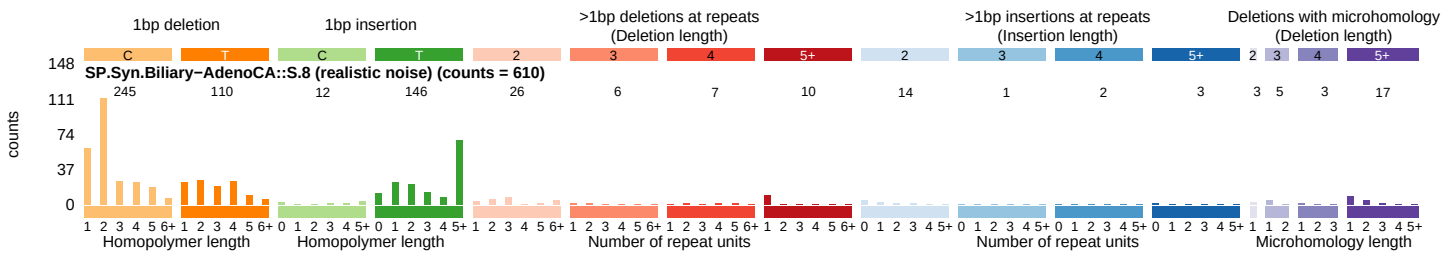
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.7 (realistic noise) (counts = 590)
counts
Homopolymer length
Number of repeat units
Microhomology length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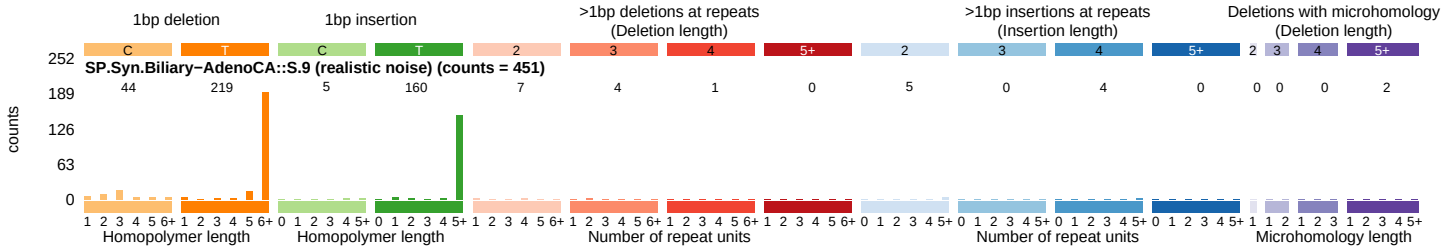
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.8 (realistic noise) (counts = 610)
counts
Homopolymer length
Number of repeat units
Microhomology length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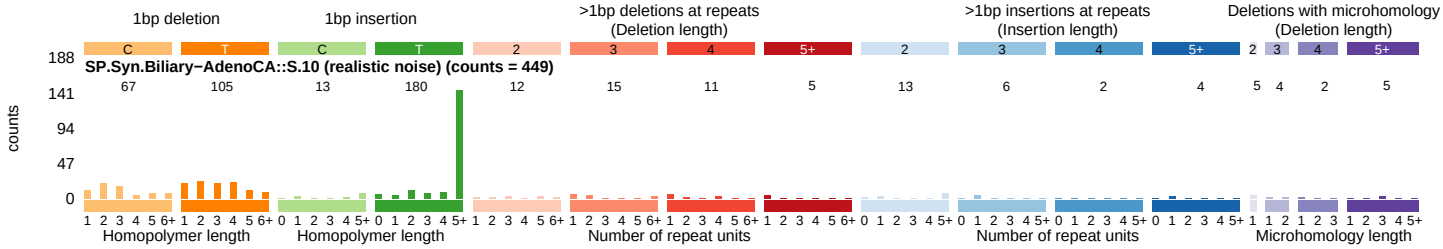
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.9 (realistic noise) (counts = 451)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
44 219 5 160 7 4 1 0 5 0 4 0 0 0 0 2
counts
252 189 126 63 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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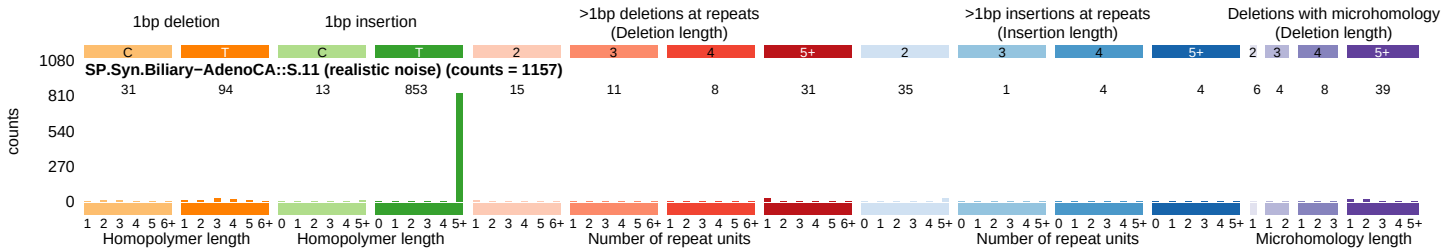
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.10 (realistic noise) (counts = 449)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
67 105 13 180 12 15 11 5 13 6 2 4 5 4 2 5
counts
188 141 94 47 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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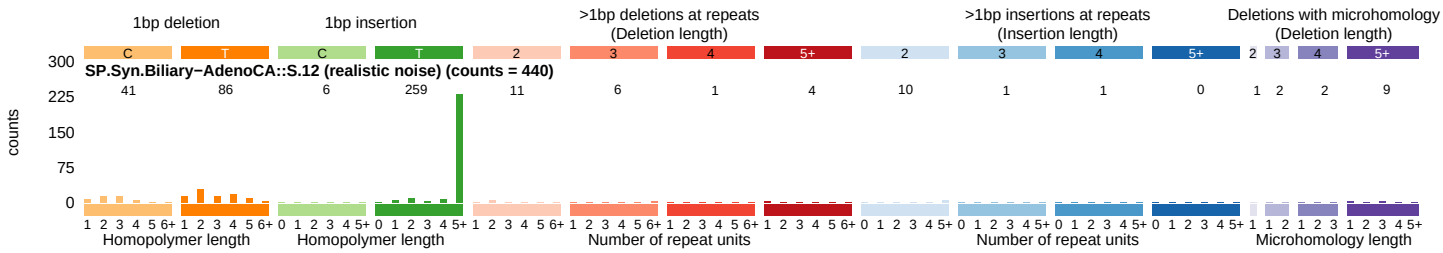
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.11 (realistic noise) (counts = 1157)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
31 94 13 853 15 11 8 31 35 1 4 4 6 4 8 39
counts
1080 810 540 270 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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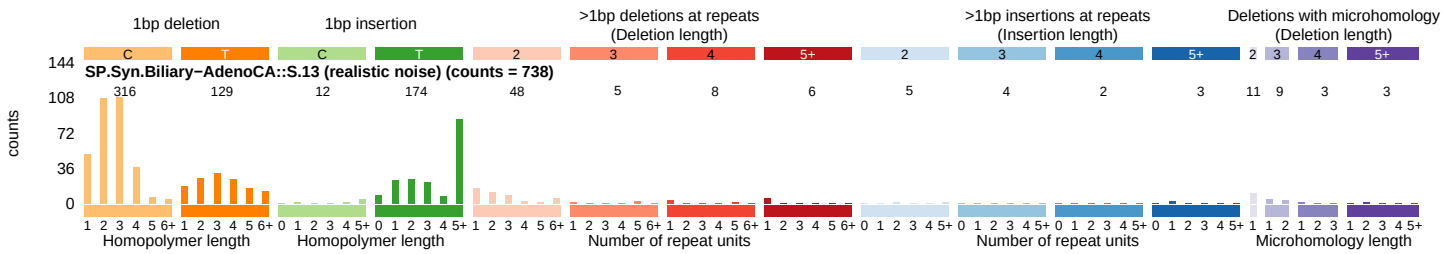
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.12 (realistic noise) (counts = 440)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
41 86 6 259 11 6 1 4 10 1 1 0 1 2 2 9
counts
300 225 150 75 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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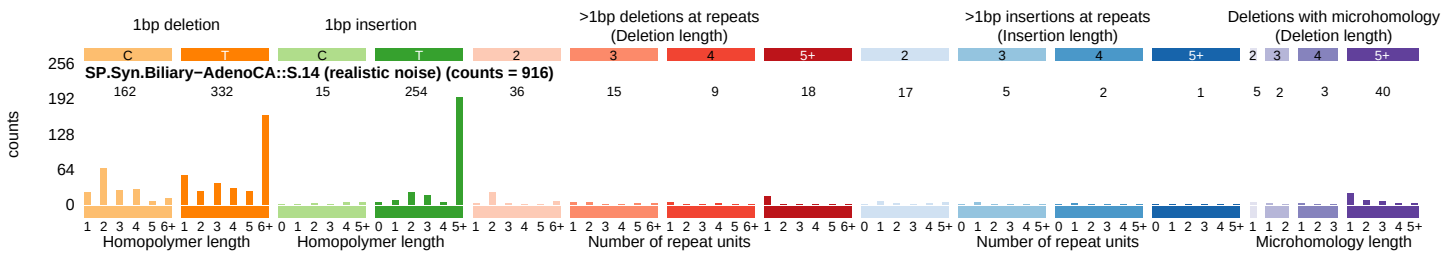
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.13 (realistic noise) (counts = 738)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
316 129 12 174 48 5 8 6 5 4 2 3 11 9 3 3
counts
144 108 72 36 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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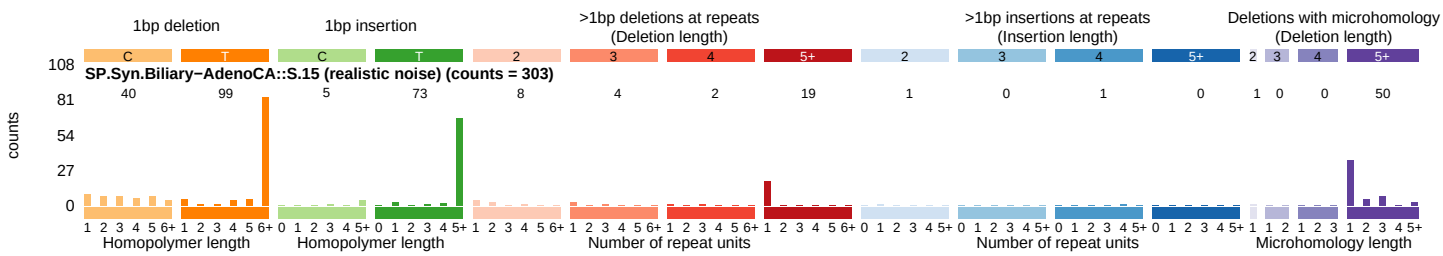
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.14 (realistic noise) (counts = 916)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
162 332 15 254 36 15 9 18 17 5 2 1 5 2 3 40
counts
256 192 128 64 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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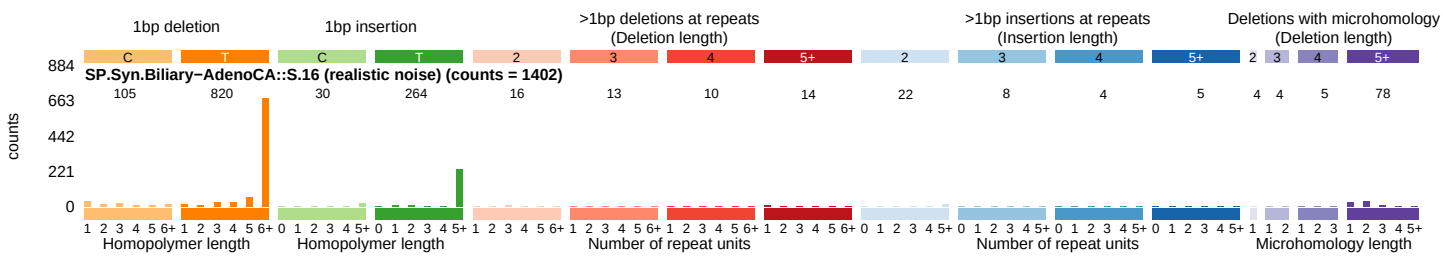
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.15 (realistic noise) (counts = 303)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
40 99 5 73 8 4 2 19 1 0 1 0 1 0 0 50
counts
108 81 54 27 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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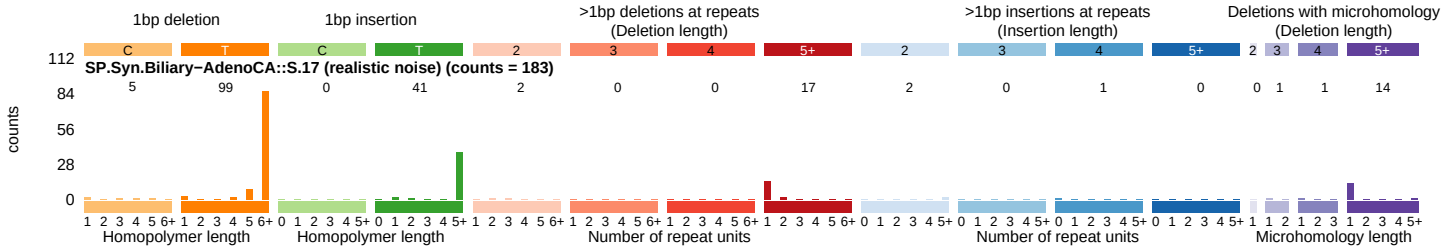
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.16 (realistic noise) (counts = 1402)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
105 820 30 264 16 13 10 14 22 8 4 5 4 4 5 78
counts
884 663 442 221 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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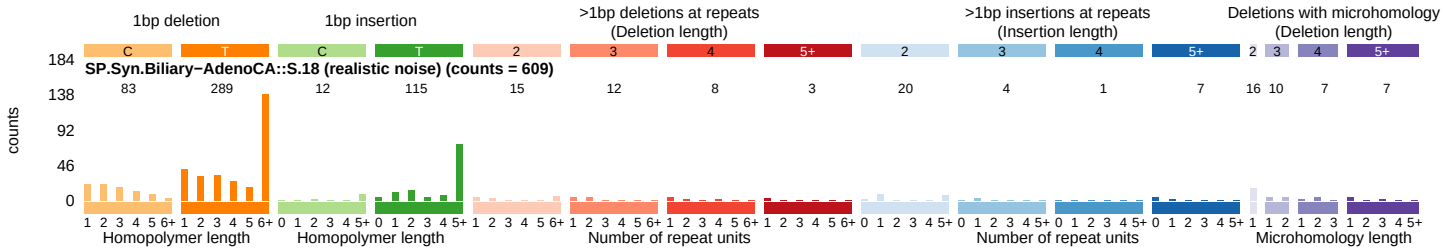
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.17 (realistic noise) (counts = 183)
5 99 0 41 2 0 0 17 2 0 1 0 0 1 1 14
counts
Homopolymer length
Number of repeat units
Microhomology length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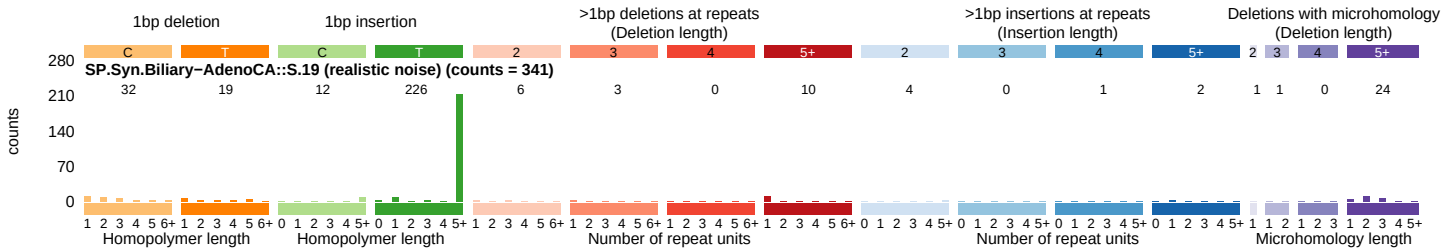
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.18 (realistic noise) (counts = 609)
83 289 12 115 15 12 8 3 20 4 1 7 16 10 7 7
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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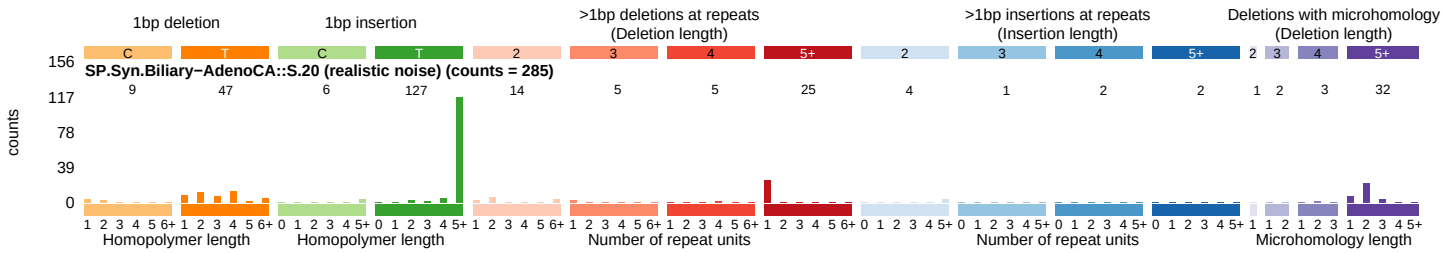
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.19 (realistic noise) (counts = 341)
32 19 12 226 6 3 0 10 4 0 1 2 1 1 0 24
counts
Homopolymer length
Number of repeat units
Microhomology length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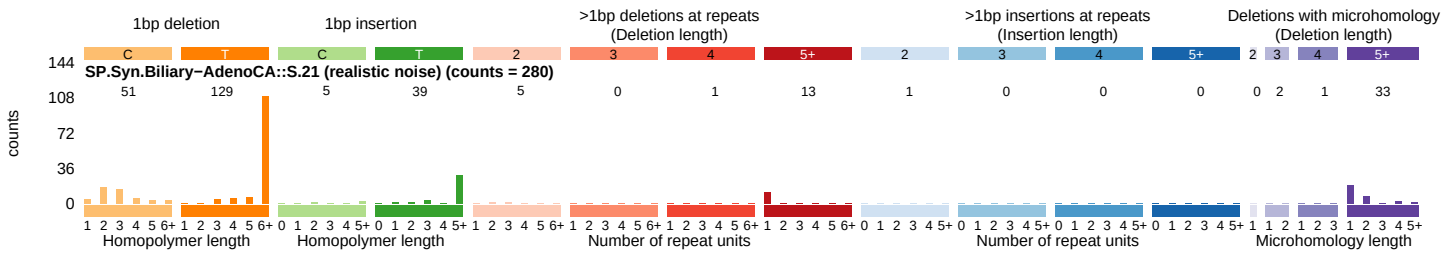
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.20 (realistic noise) (counts = 285)
9 47 6 127 14 5 5 25 4 1 2 2 1 2 3 32
counts
Homopolymer length
Number of repeat units
Microhomology length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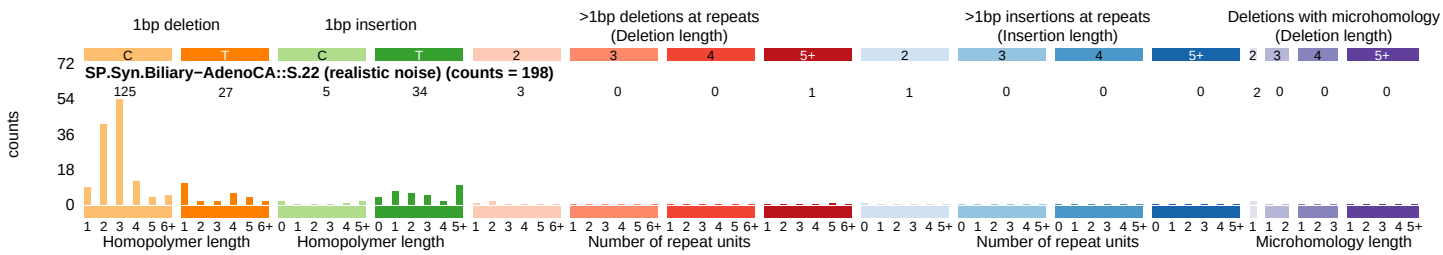
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.21 (realistic noise) (counts = 280)
51 129 5 39 5 0 1 13 1 0 0 0 0 2 1 33
counts
Homopolymer length
Number of repeat units
Microhomology length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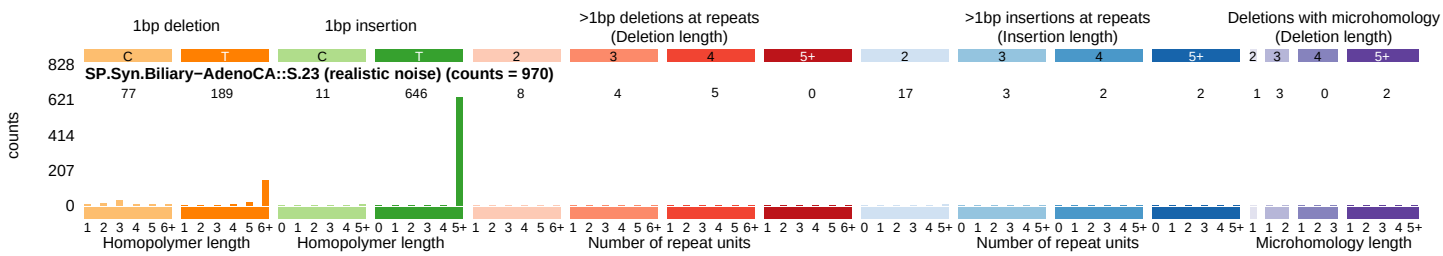
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.22 (realistic noise) (counts = 198)
125 27 5 34 3 0 0 1 1 0 0 0 2 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length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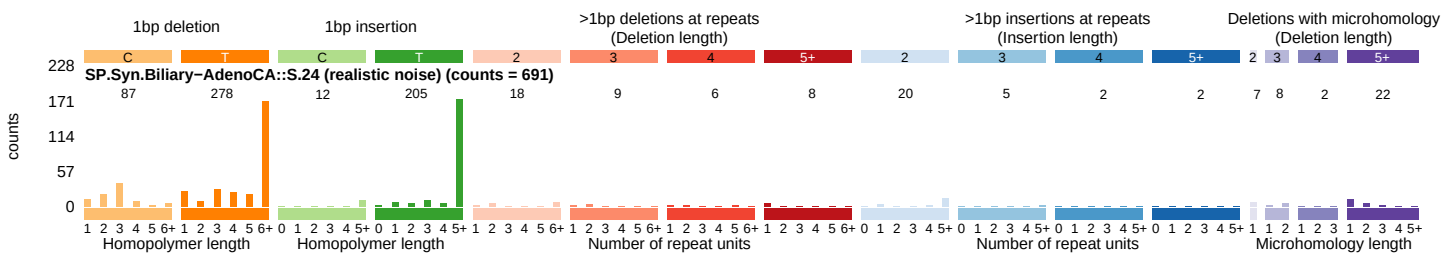
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.23 (realistic noise) (counts = 970)
77 189 11 646 8 4 5 0 17 3 2 2 1 3 0 2
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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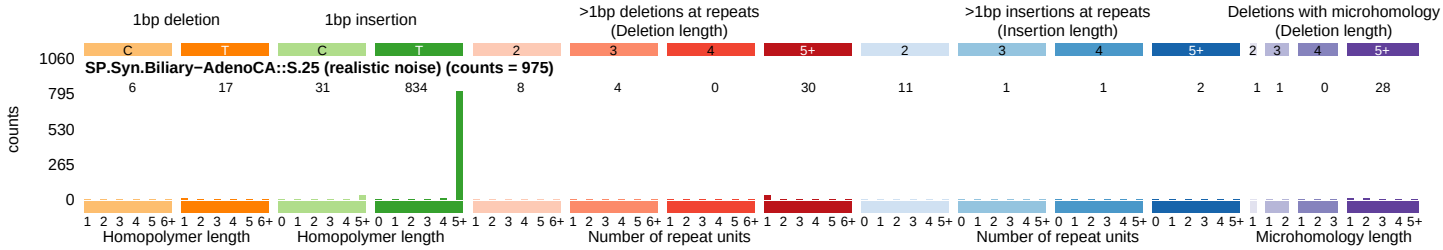
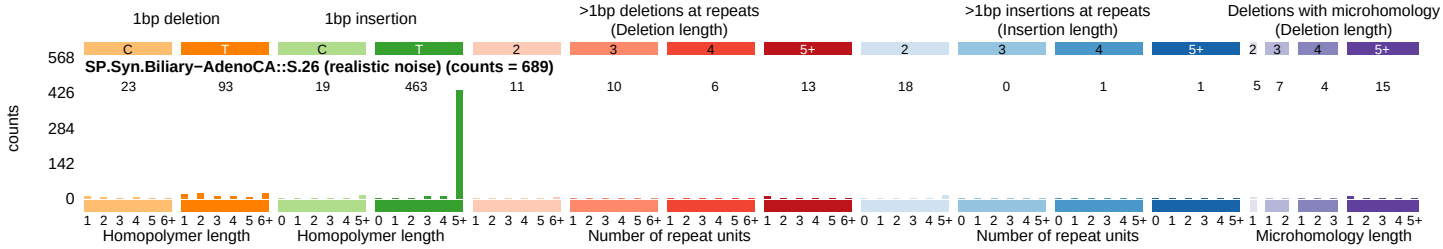
Deletions with microhomology (Deletion length)
SP.Syn.Biliary−AdenoCA::S.24 (realistic noise) (counts = 691)
87 278 12 205 18 9 6 8 20 5 2 2 7 8 2 22
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Biliary−AdenoCA::S.25 (realistic noise) (counts = 975)
6 17 31 834 8 4 0 30 11 1 1 2 1 1 0 28
counts
1060 795 530 265 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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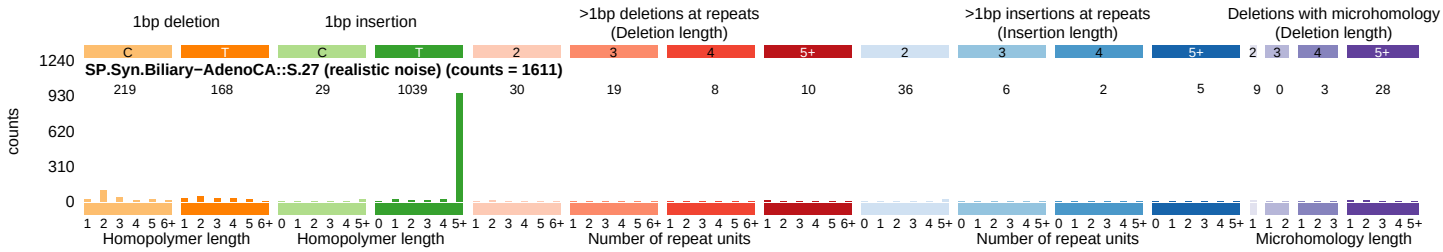
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Biliary−AdenoCA::S.26 (realistic noise) (counts = 689)
23 93 19 463 11 10 6 13 18 0 1 1 5 7 4 15
counts
568 426 284 142 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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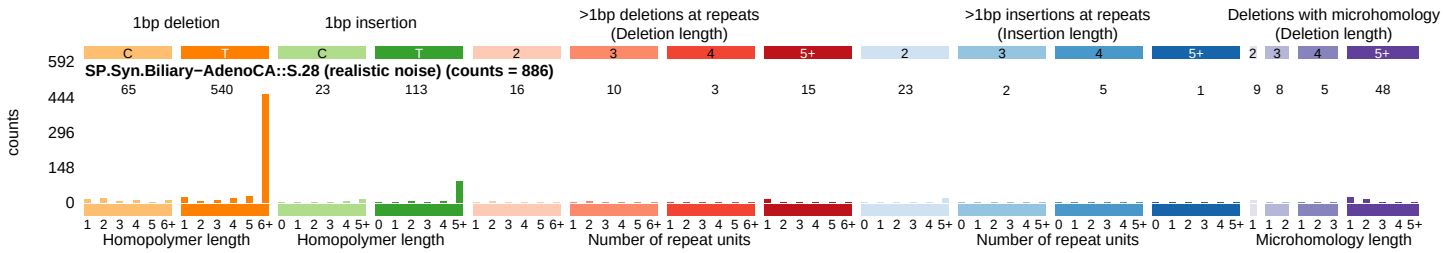
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Biliary−AdenoCA::S.27 (realistic noise) (counts = 1611)
219 168 29 1039 30 19 8 10 36 6 2 5 9 0 3 28
counts
1240 930 620 310 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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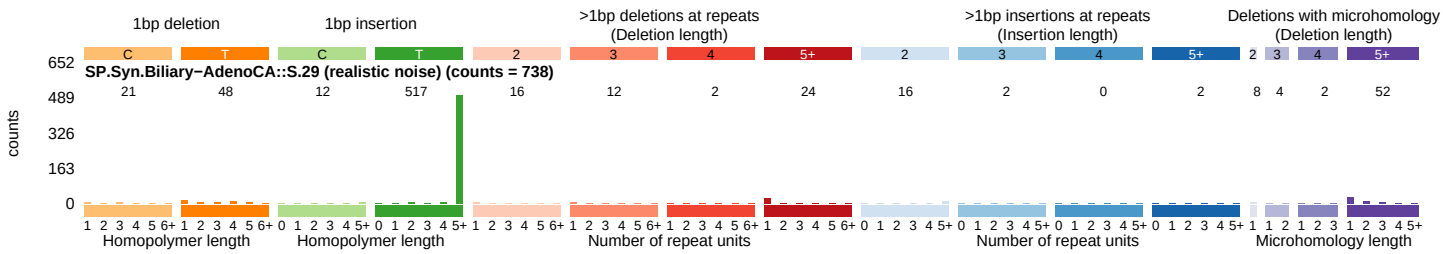
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Biliary−AdenoCA::S.28 (realistic noise) (counts = 886)
65 540 23 113 16 10 3 15 23 2 5 1 9 8 5 48
counts
592 444 296 148 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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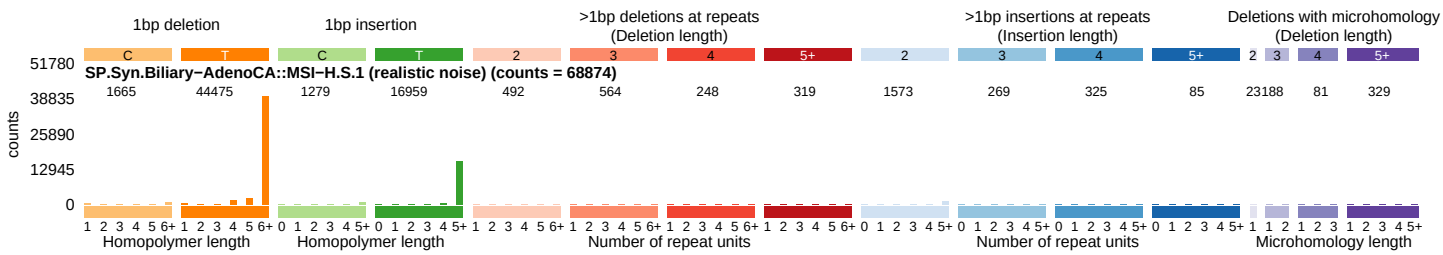
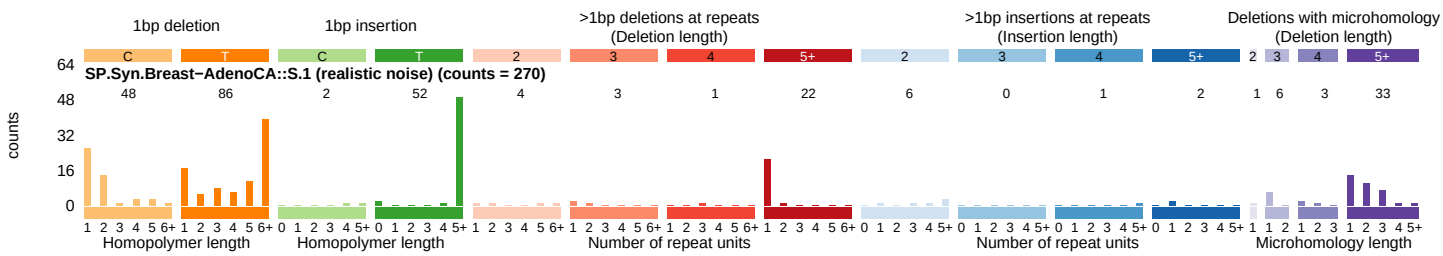
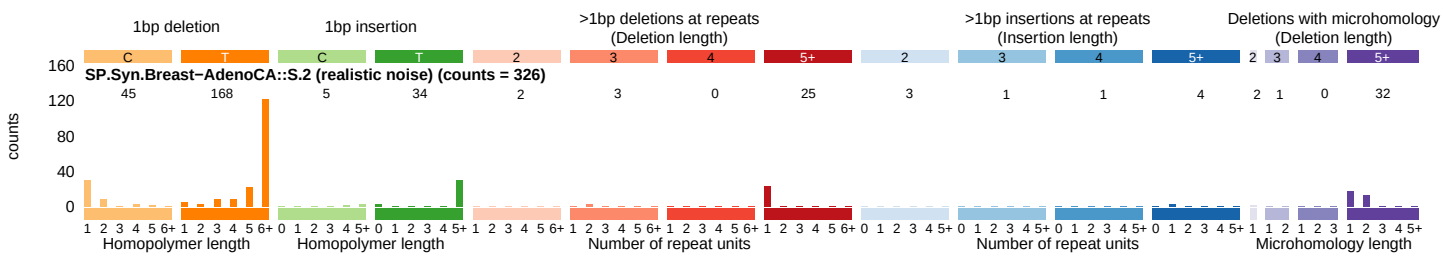
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Biliary−AdenoCA::S.29 (realistic noise) (counts = 738)
21 48 12 517 16 12 2 24 16 2 0 2 8 4 2 52
counts
652 489 326 163 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Biliary−AdenoCA::MSI−H.S.1 (realistic noise) (counts = 68874)
1665 44475 1279 16959 492 564 248 319 1573 269 325 85 23188 81 329
counts
51780 38835 25890 12945 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.Breast−AdenoCA::S.1 (realistic noise) (counts = 270)
48 86 2 52 4 3 1 22 6 0 1 2 1 6 3 33
counts
64 48 32 16 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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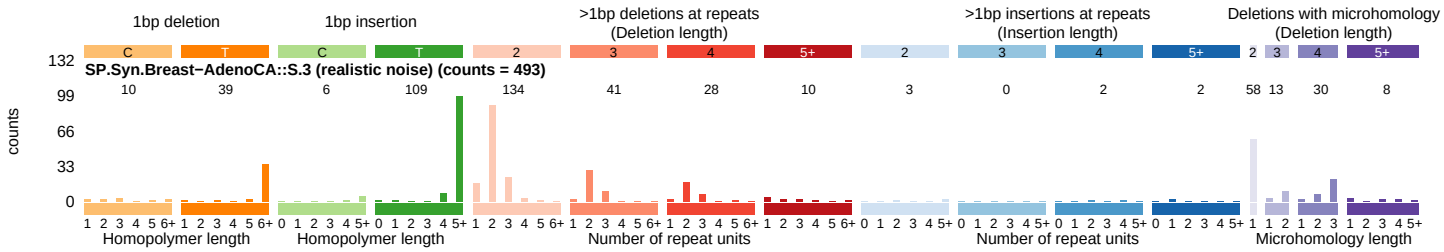
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.2 (realistic noise) (counts = 326)
45 168 5 34 2 3 0 25 3 1 1 4 2 1 0 32
counts
160 120 80 40 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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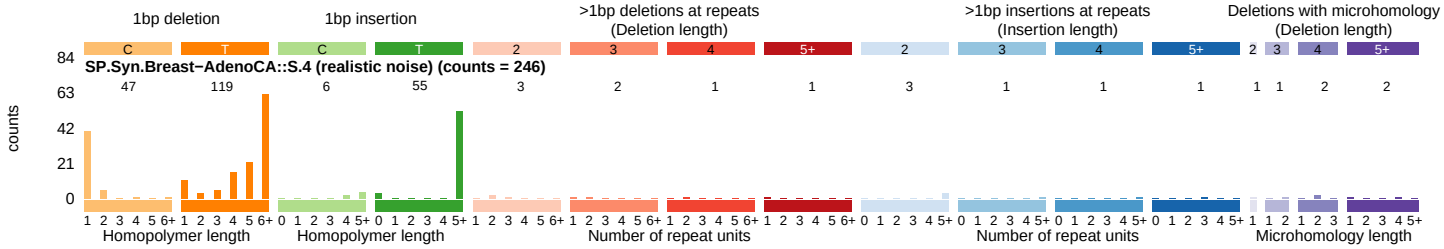
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.3 (realistic noise) (counts = 493)
10 39 6 109 134 41 28 10 3 0 2 2 58 13 30 8
counts
132 99 66 33 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 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)
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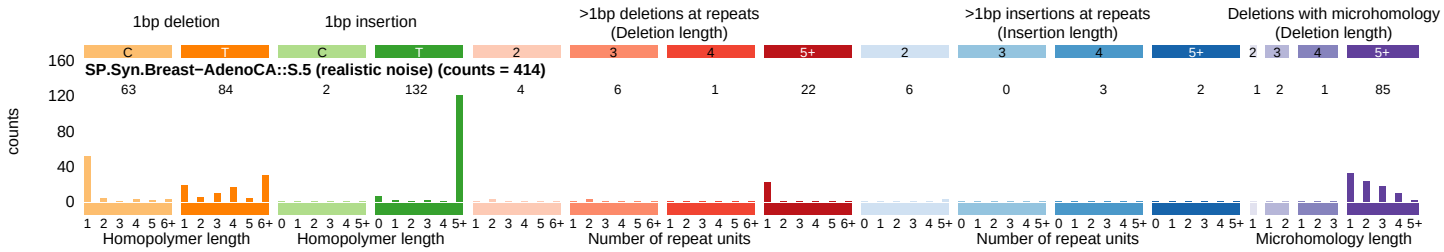
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.4 (realistic noise) (counts = 246)
47 119 6 55 3 2 1 1 3 1 1 1 1 1 2 2
counts
84 63 42 21 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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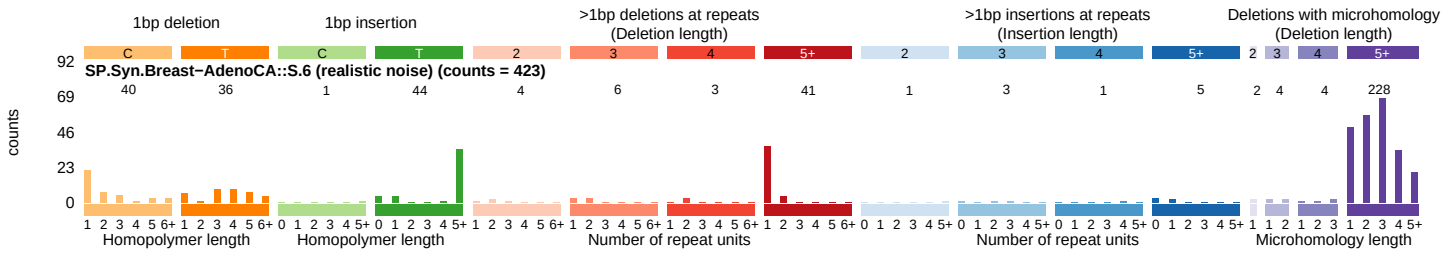
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.5 (realistic noise) (counts = 414)
63 84 2 132 4 6 1 22 6 0 3 2 1 2 1 85
counts
160 120 80 40 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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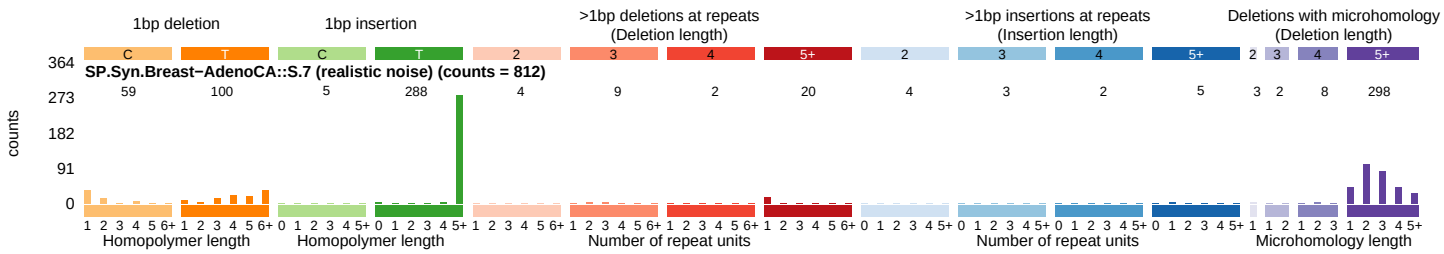
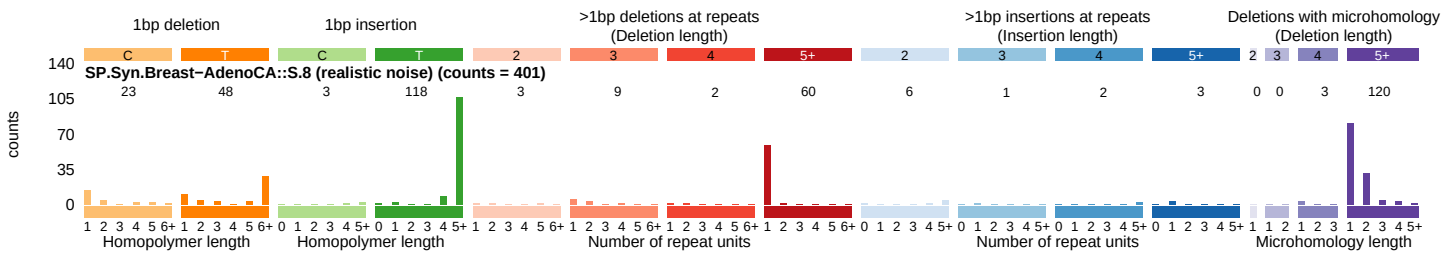
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.6 (realistic noise) (counts = 423)
40 36 1 44 4 6 3 41 1 3 1 5 2 4 4 228
counts
92 69 46 23 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 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.7 (realistic noise) (counts = 812)
59 100 5 288 4 9 2 20 4 3 2 5 3 2 8 298
counts
364 273 182 91 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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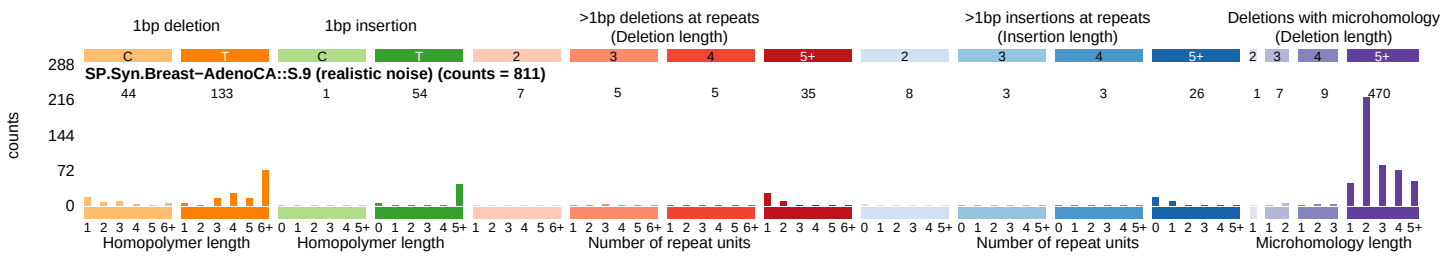
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.8 (realistic noise) (counts = 401)
23 48 3 118 3 9 2 60 6 1 2 3 0 0 3 120
counts
140 105 70 35 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 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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1bp insertion
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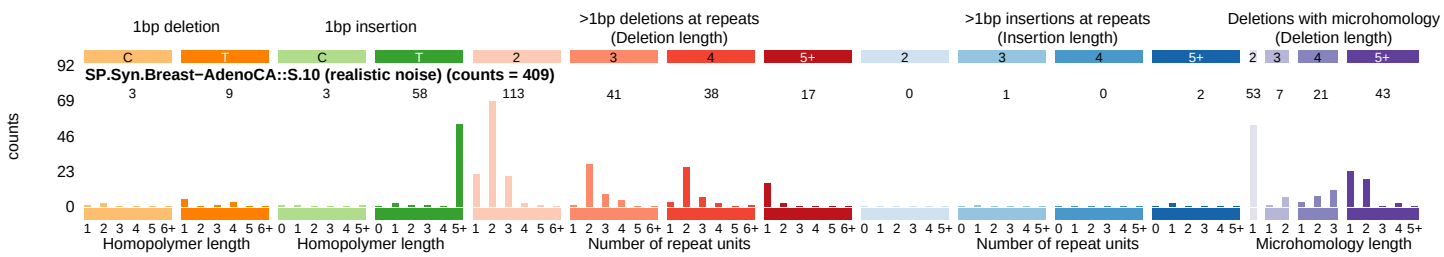
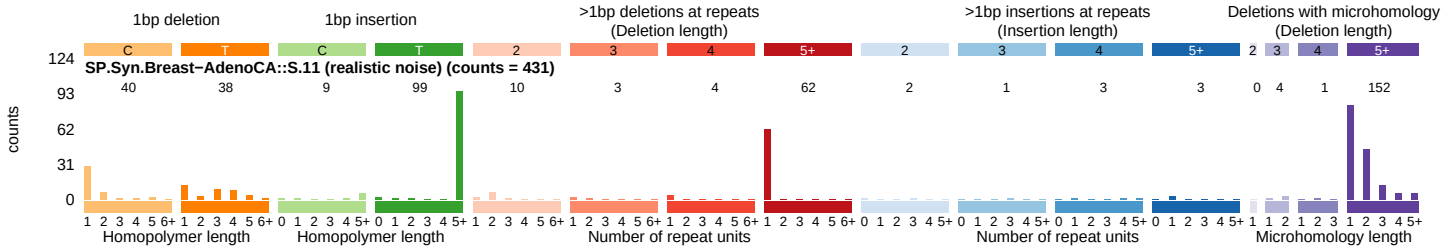
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.9 (realistic noise) (counts = 811)
44 133 1 54 7 5 5 35 8 3 3 26 1 7 9 470
counts
288 216 144 72 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 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.Breast−AdenoCA::S.10 (realistic noise) (counts = 409)
3 9 3 58 113 41 38 17 0 1 0 2 53 7 21 43
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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>1bp deletions at repeats (Deletion length)
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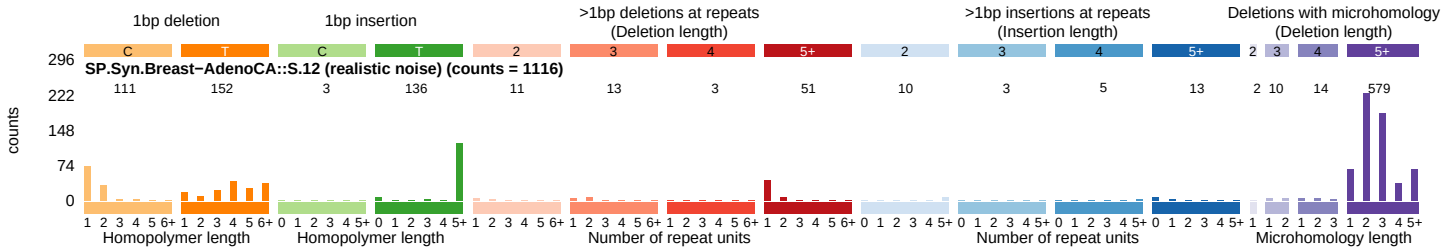
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.11 (realistic noise) (counts = 431)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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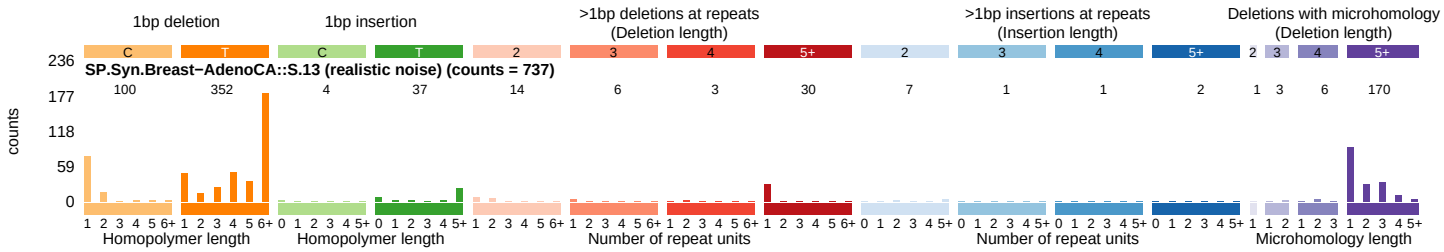
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.12 (realistic noise) (counts = 1116)
counts
Homopolymer length
Number of repeat units
Microhomology length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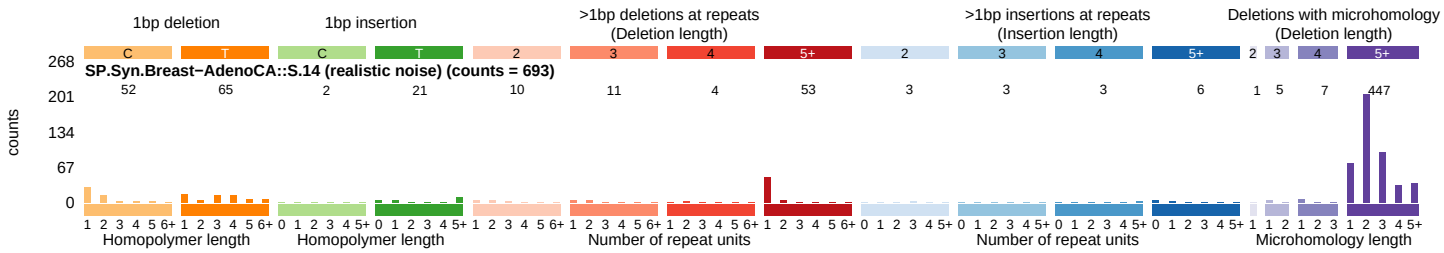
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.13 (realistic noise) (counts = 737)
counts
Homopolymer length
Number of repeat units
Microhomology length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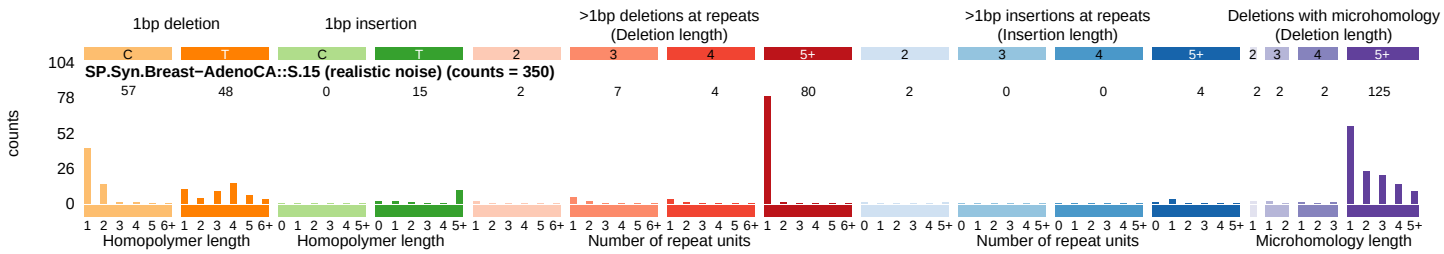
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.14 (realistic noise) (counts = 693)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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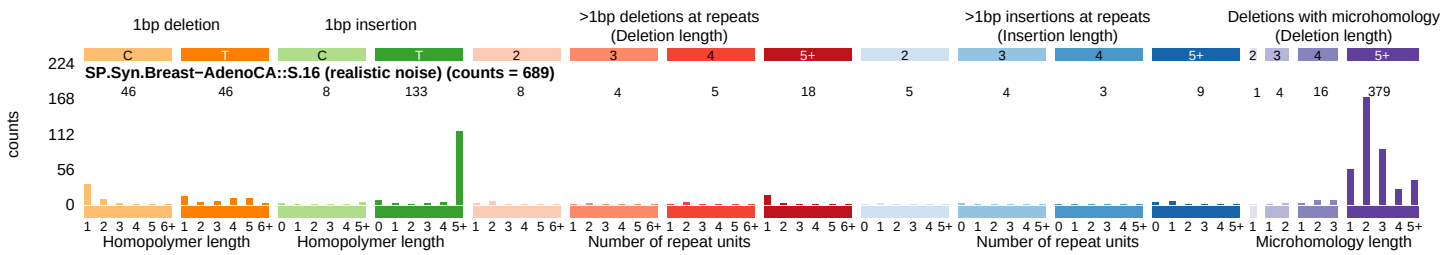
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.15 (realistic noise) (counts = 350)
counts
Homopolymer length
Number of repeat units
Microhomology length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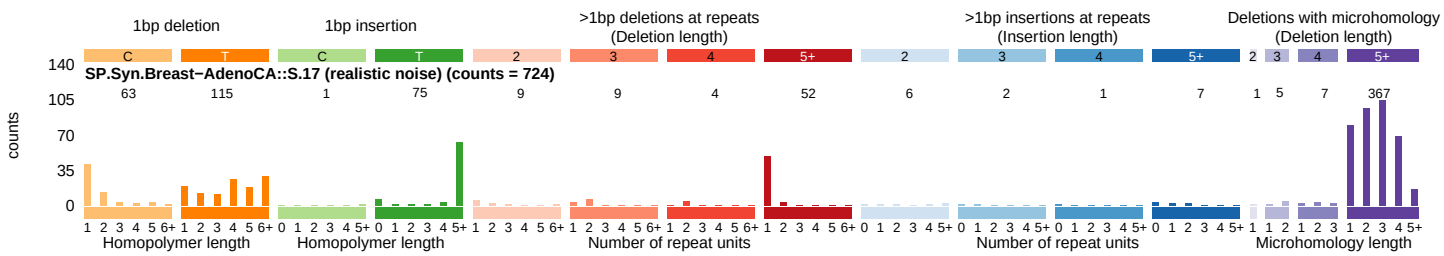
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.16 (realistic noise) (counts = 689)
counts
Homopolymer length
Number of repeat units
Microhomology length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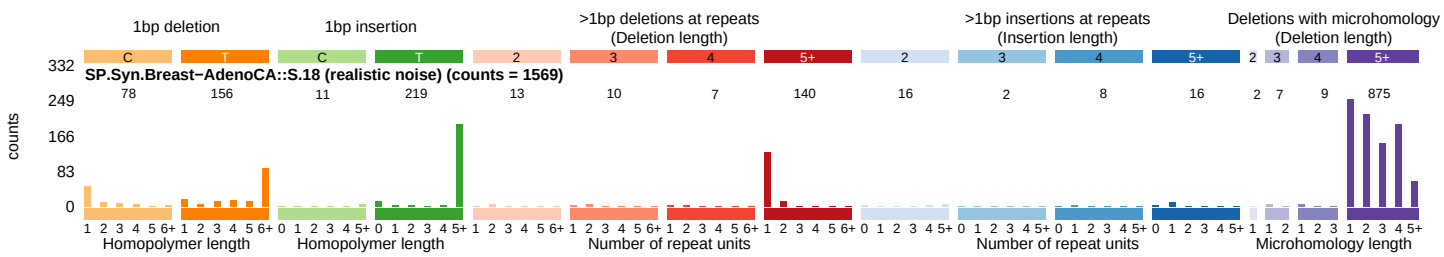
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.17 (realistic noise) (counts = 724)
counts
Homopolymer length
Number of repeat units
Microhomology length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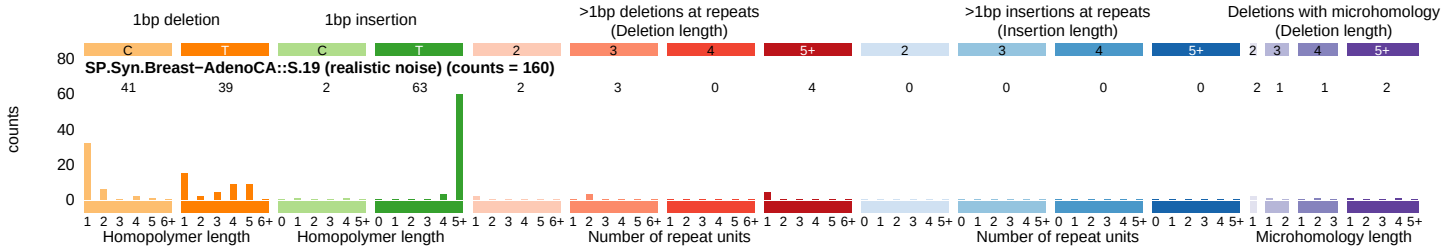
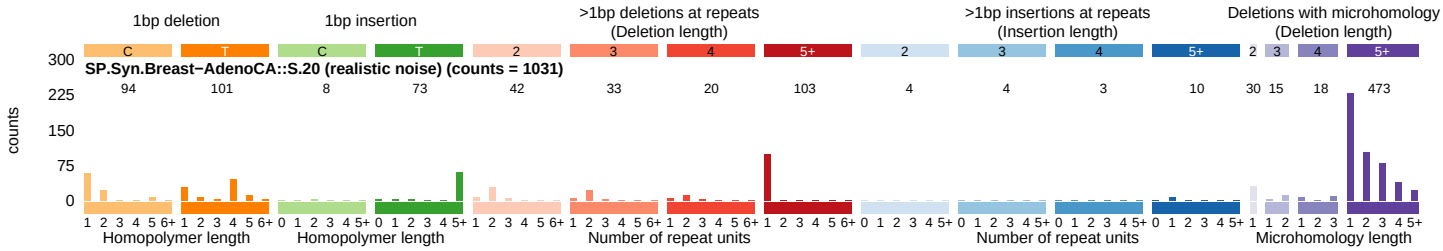
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.18 (realistic noise) (counts = 1569)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion 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 (realistic noise) (counts = 160)
41 39 2 63 2 3 0 4 0 0 0 0 2 1 1 2
counts
Homopolymer length
Number of repeat units
Microhomology length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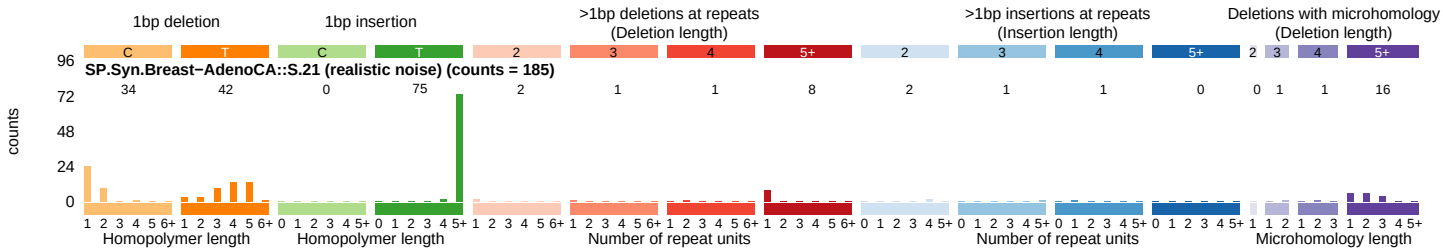
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.20 (realistic noise) (counts = 1031)
94 101 8 73 42 33 20 103 4 4 3 10 30 15 18 473
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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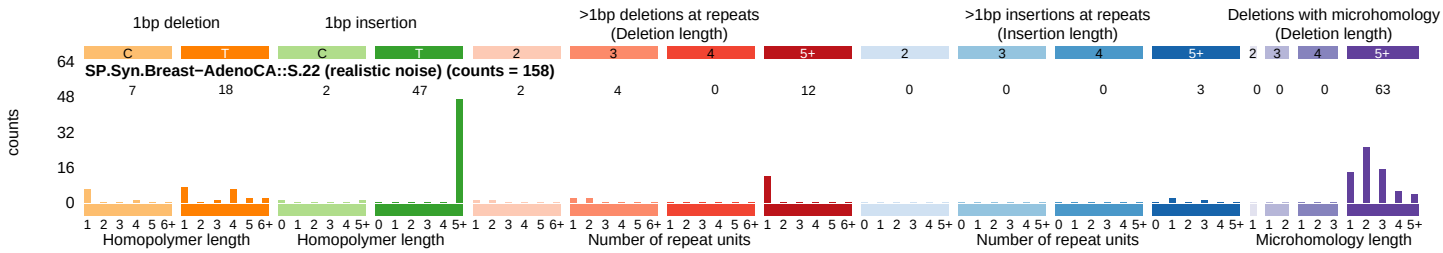
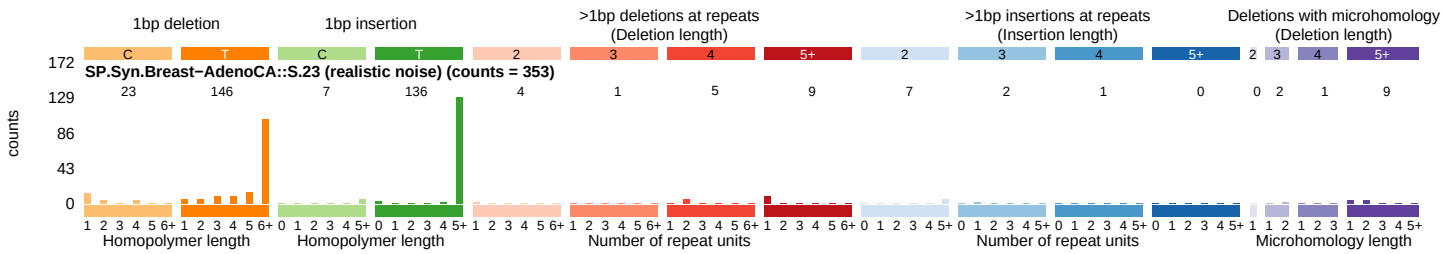
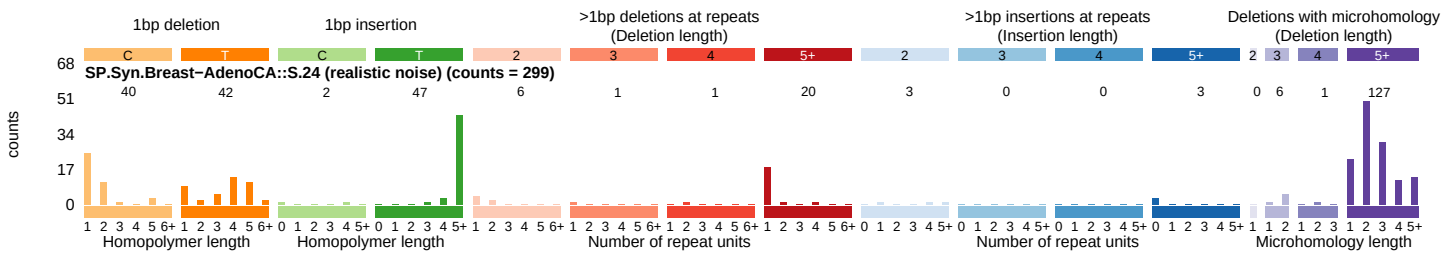
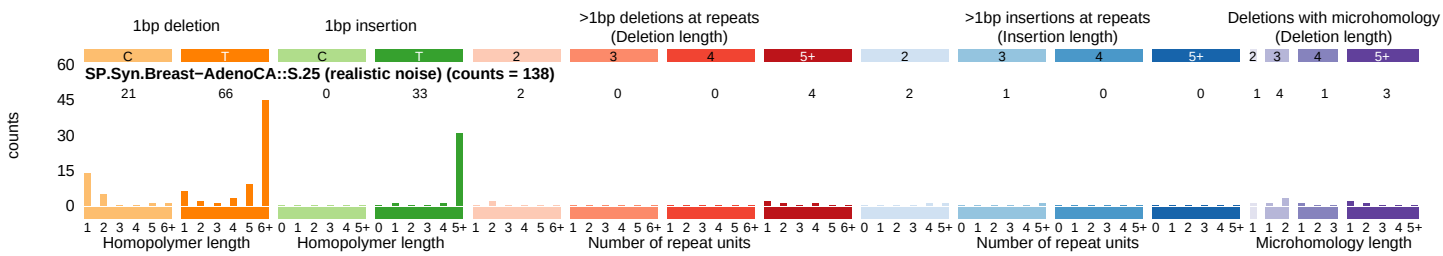
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.21 (realistic noise) (counts = 185)
34 42 0 75 2 1 1 8 2 1 1 0 0 1 1 16
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.22 (realistic noise) (counts = 158)
7 18 2 47 2 4 0 12 0 0 0 3 0 0 0 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.Breast−AdenoCA::S.23 (realistic noise) (counts = 353)
23 146 7 136 4 1 5 9 7 2 1 0 0 2 1 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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.24 (realistic noise) (counts = 299)
40 42 2 47 6 1 1 20 3 0 0 3 0 6 1 127
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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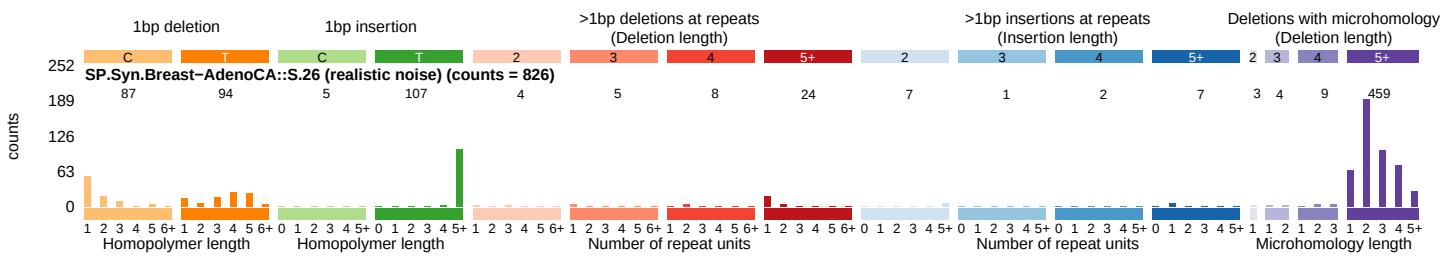
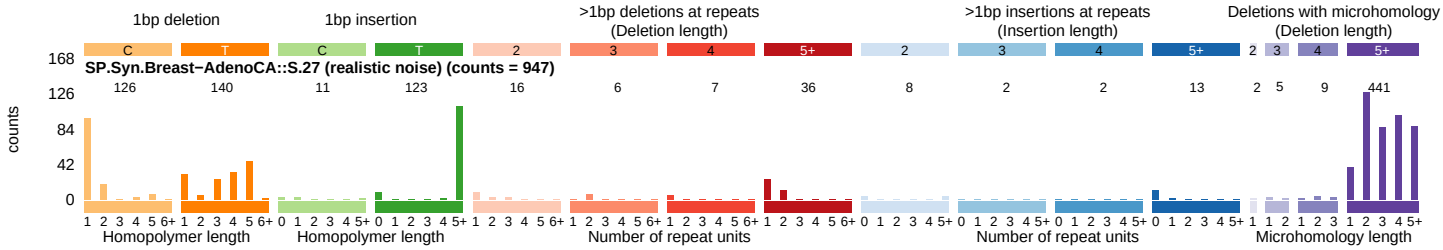
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.25 (realistic noise) (counts = 138)
21 66 0 33 2 0 0 4 2 1 0 0 1 4 1 3
counts
Homopolymer length
Number of repeat units
Microhomology length


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.Breast−AdenoCA::S.26 (realistic noise) (counts = 826)
87 94 5 107 4 5 8 24 7 1 2 7 3 4 9 459
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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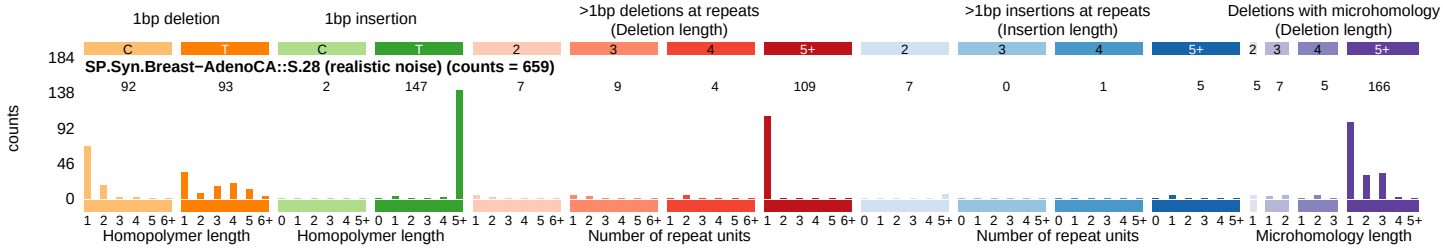
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.27 (realistic noise) (counts = 947)
126 140 11 123 16 6 7 36 8 2 2 13 2 5 9 441
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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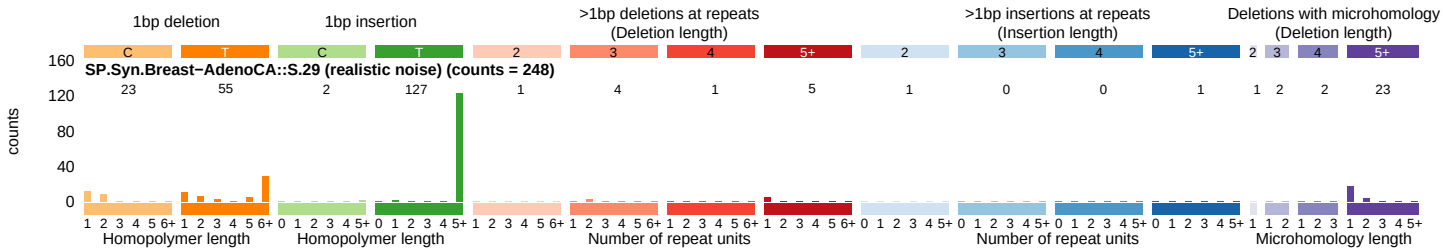
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.28 (realistic noise) (counts = 659)
92 93 2 147 7 9 4 109 7 0 1 5 5 7 5 166
counts
Homopolymer length
Number of repeat units
Microhomology length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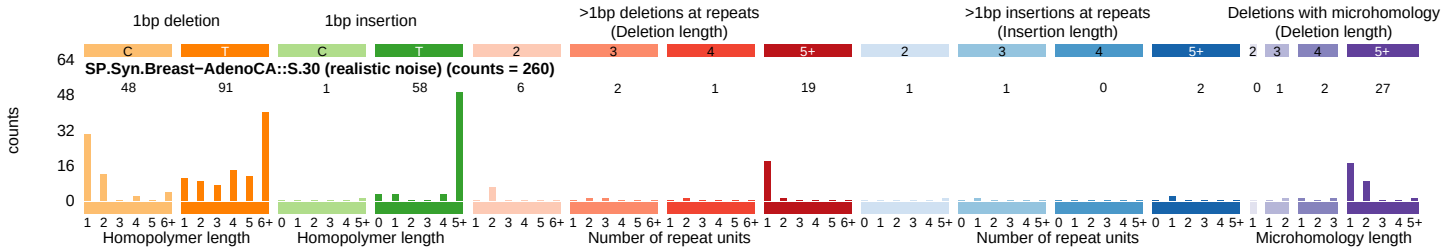
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.29 (realistic noise) (counts = 248)
23 55 2 127 1 4 1 5 1 0 0 1 1 2 2 23
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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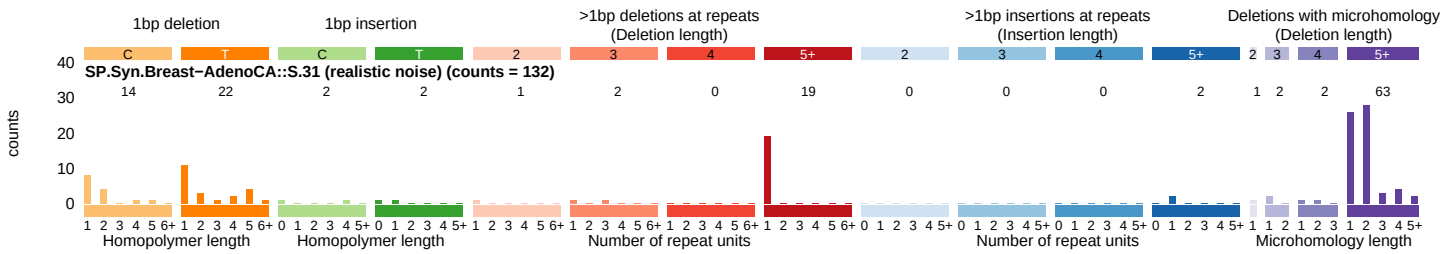
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.30 (realistic noise) (counts = 260)
48 91 1 58 6 2 1 19 1 1 0 2 0 1 2 27
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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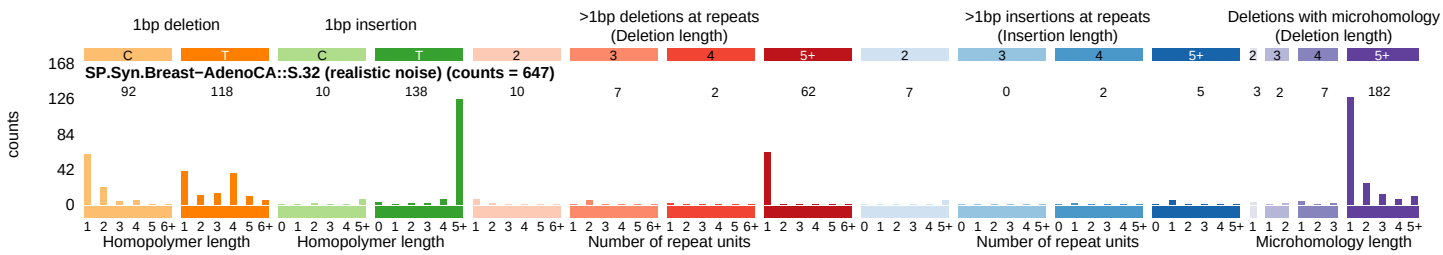
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.31 (realistic noise) (counts = 132)
14 22 2 2 1 2 0 19 0 0 0 2 1 2 2 63
counts
Homopolymer length
Number of repeat units
Microhomology length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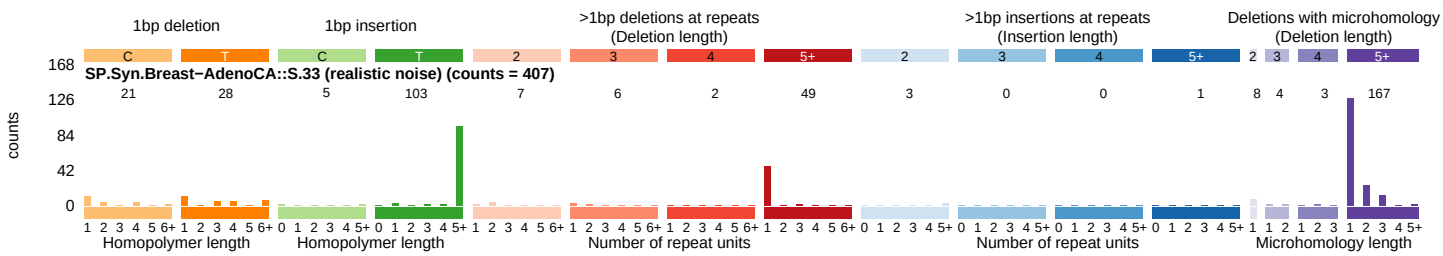
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.32 (realistic noise) (counts = 647)
92 118 10 138 10 7 2 62 7 0 2 5 3 2 7 182
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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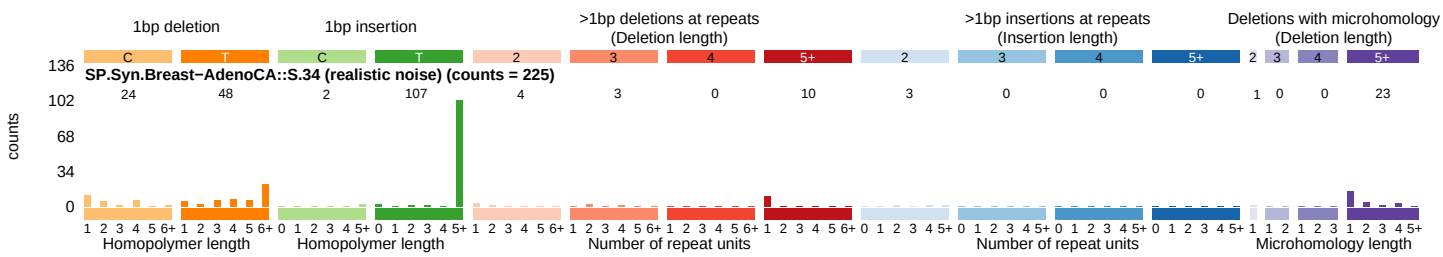
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.33 (realistic noise) (counts = 407)
21 28 5 103 7 6 2 49 3 0 0 1 8 4 3 167
counts
Homopolymer length
Number of repeat units
Microhomology length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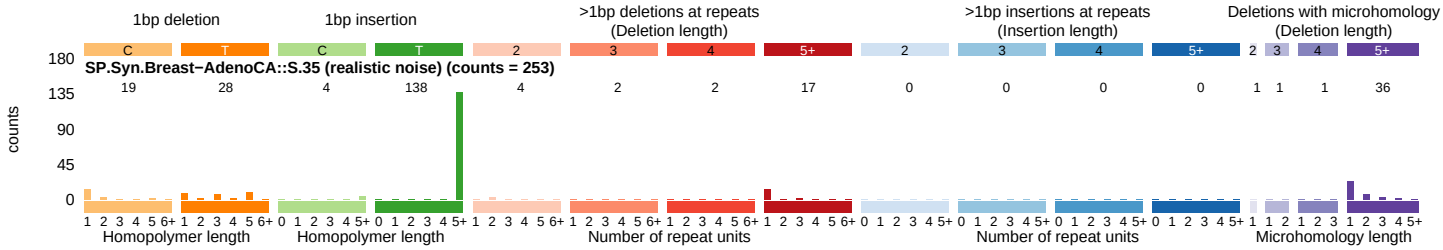
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.34 (realistic noise) (counts = 225)
24 48 2 107 4 3 0 10 3 0 0 0 1 0 0 23
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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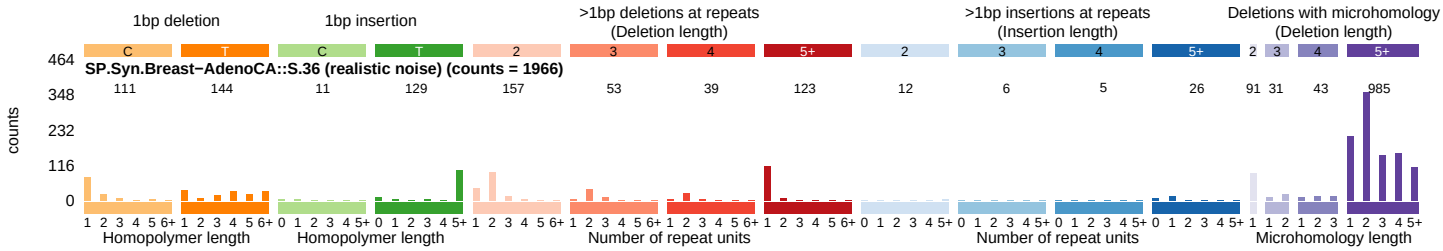
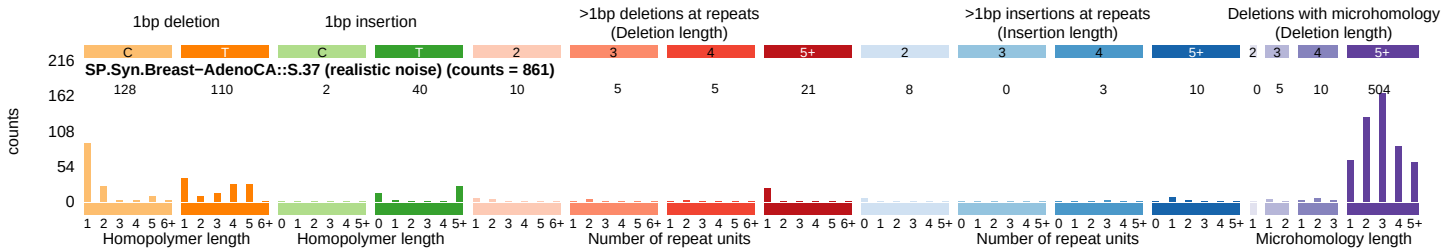
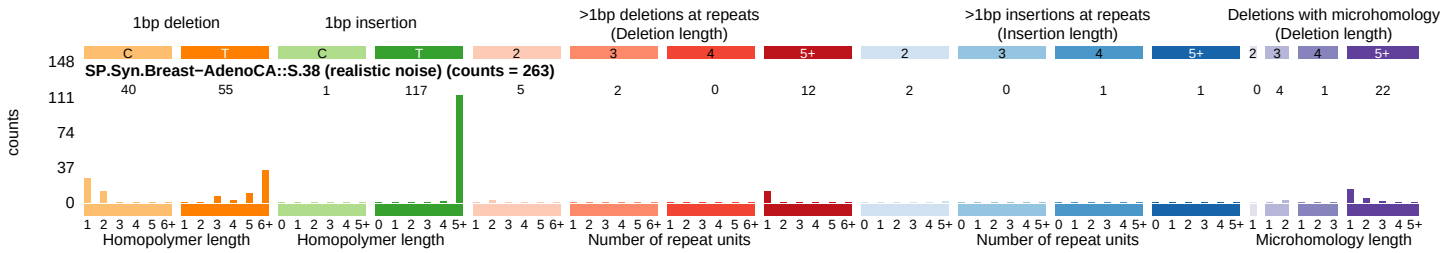
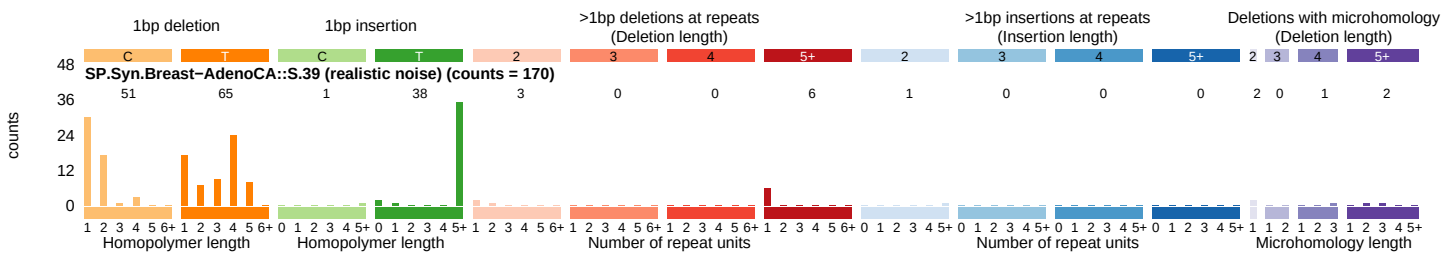
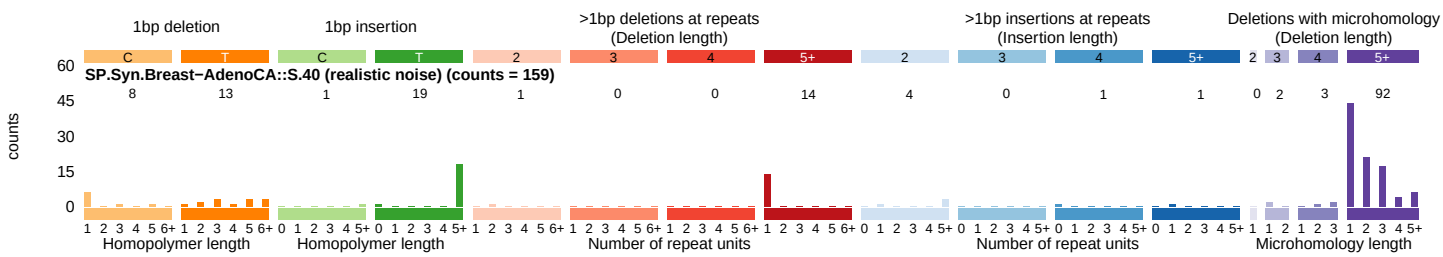
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.35 (realistic noise) (counts = 253)
19 28 4 138 4 2 2 17 0 0 0 0 1 1 1 36
counts
180 135 90 45 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 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

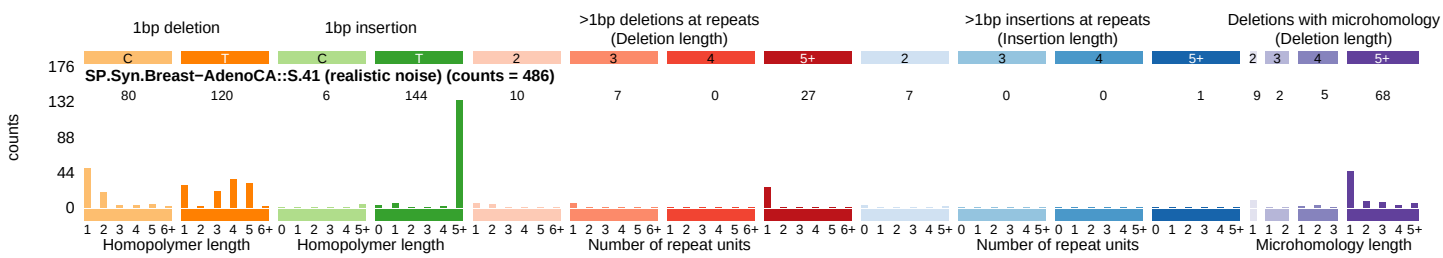

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.36 (realistic noise) (counts = 1966)
111 144 11 129 157 53 39 123 12 6 5 26 91 31 43 985
counts
464 348 232 116 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

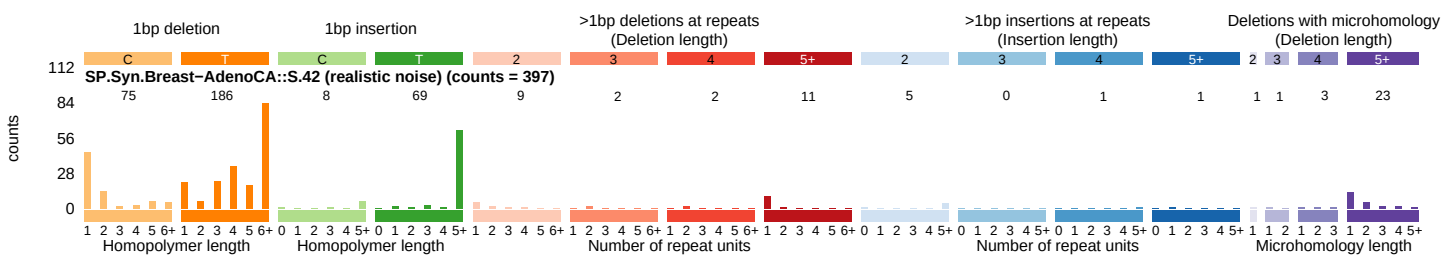

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.37 (realistic noise) (counts = 861)
128 110 2 40 10 5 5 21 8 0 3 10 0 5 10 504
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

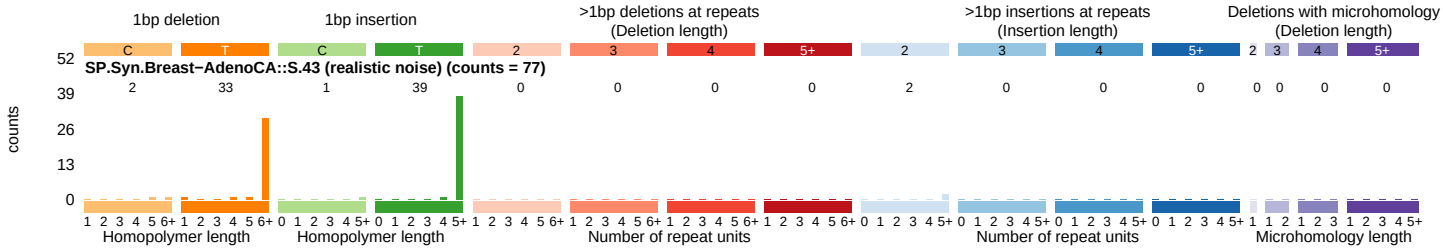

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.38 (realistic noise) (counts = 263)
40 55 1 117 5 2 0 12 2 0 1 1 0 4 1 22
counts
148 111 74 37 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.39 (realistic noise) (counts = 170)
51 65 1 38 3 0 0 6 1 0 0 0 2 0 1 2
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.40 (realistic noise) (counts = 159)
8 13 1 19 1 0 0 14 4 0 1 1 0 2 3 92
counts
60 45 30 15 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.41 (realistic noise) (counts = 486)
80 120 6 144 10 7 0 27 7 0 0 1 9 2 5 68
counts
176 132 88 44 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.42 (realistic noise) (counts = 397)
75 186 8 69 9 2 2 11 5 0 1 1 1 1 3 23
counts
112 84 56 28 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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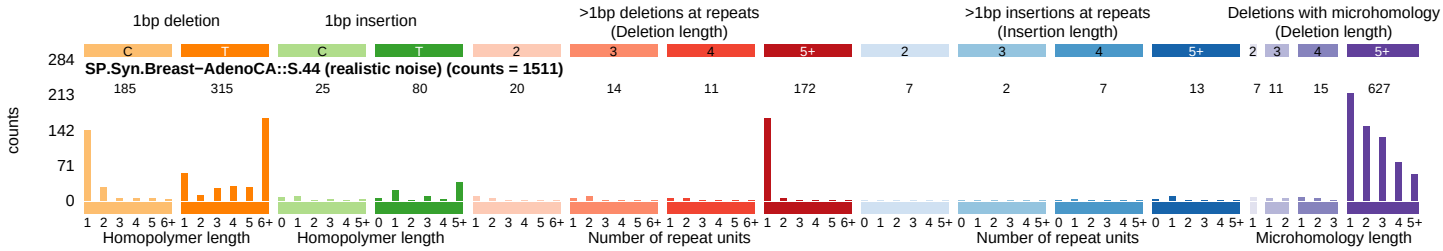
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.43 (realistic noise) (counts = 77)
counts
Homopolymer length
Number of repeat units
Microhomology length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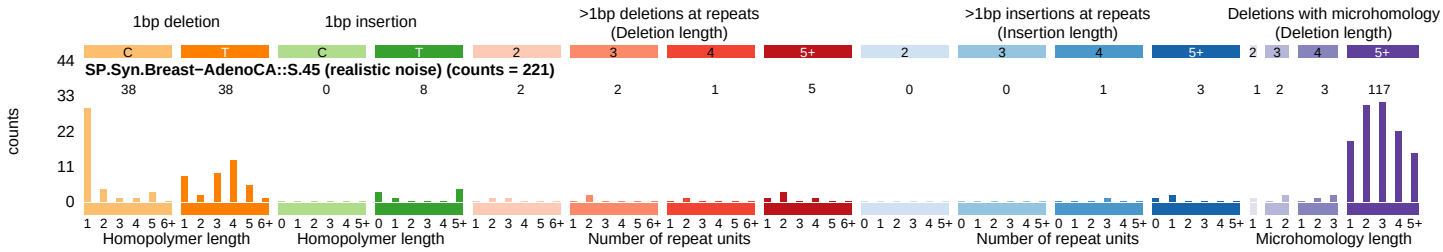
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.44 (realistic noise) (counts = 1511)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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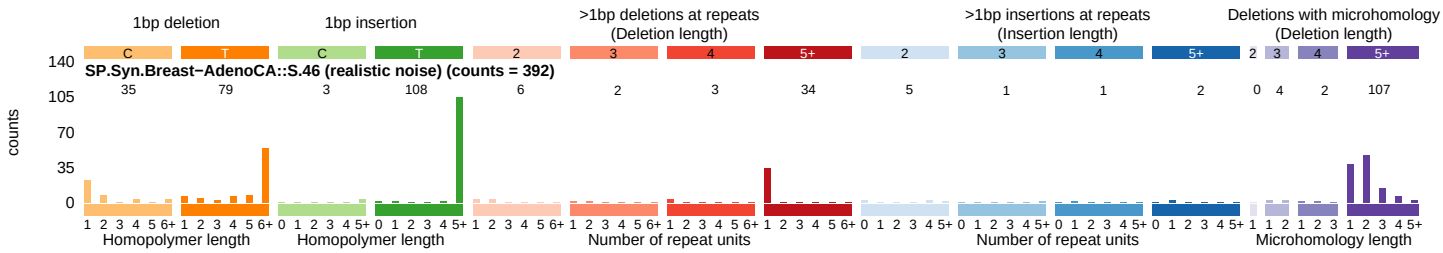
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.45 (realistic noise) (counts = 221)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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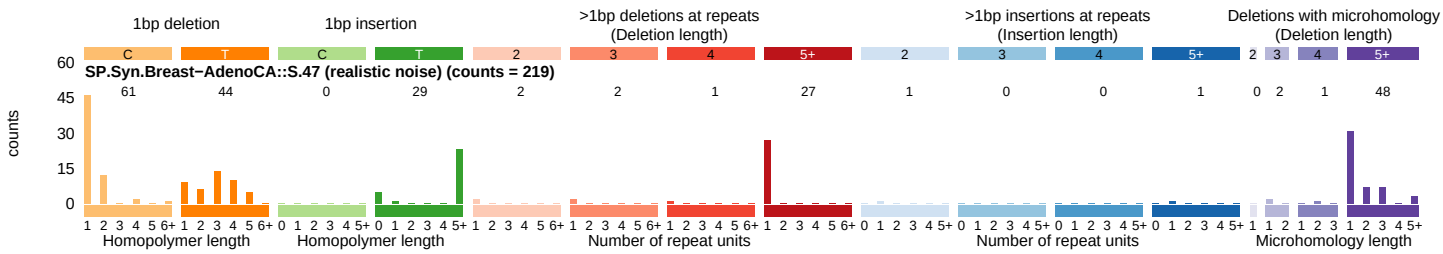
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.46 (realistic noise) (counts = 392)
counts
Homopolymer length
Number of repeat units
Microhomology length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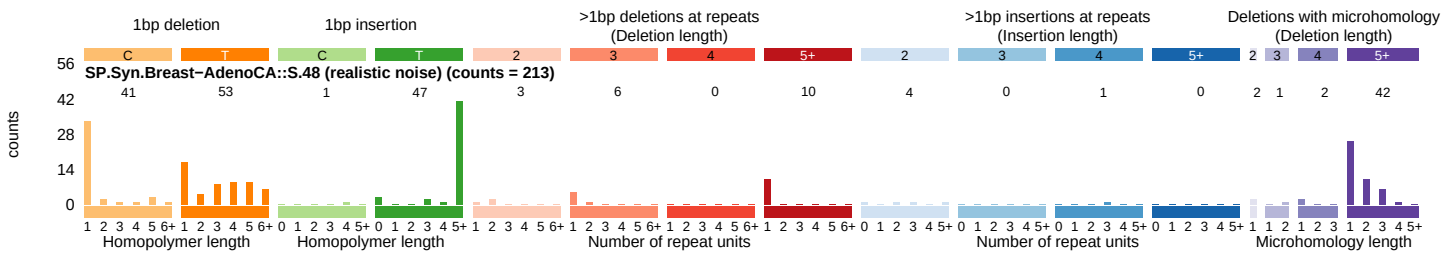
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.47 (realistic noise) (counts = 219)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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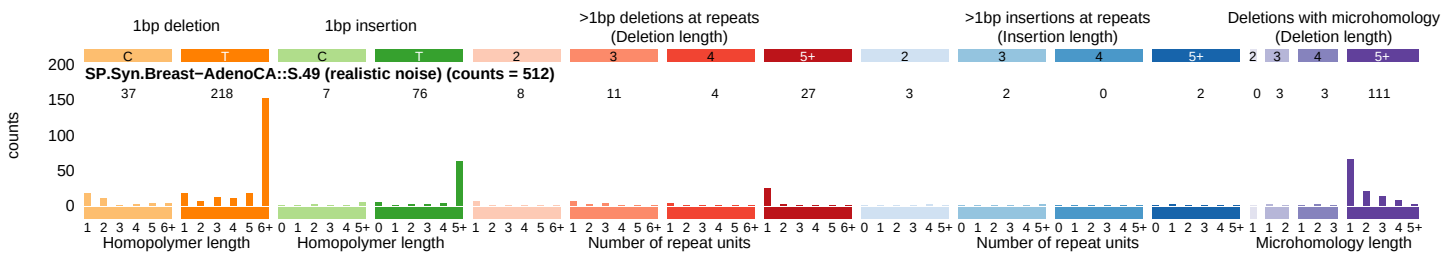
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.48 (realistic noise) (counts = 213)
counts
Homopolymer length
Number of repeat units
Microhomology length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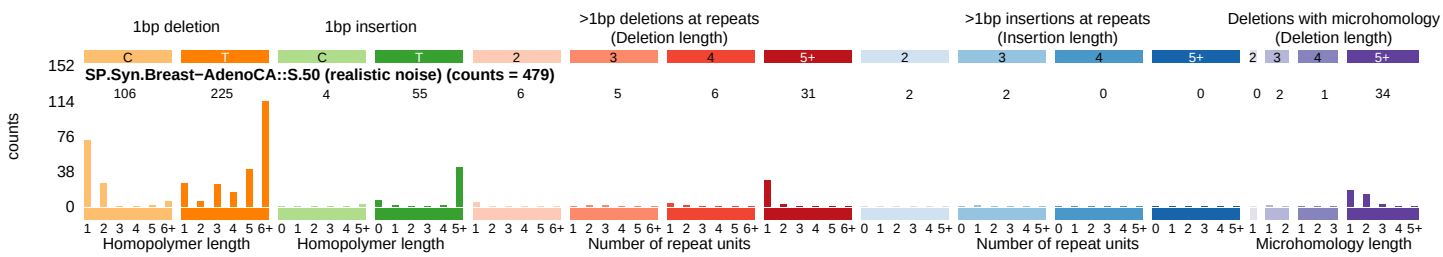
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.49 (realistic noise) (counts = 512)
counts
Homopolymer length
Number of repeat units
Microhomology length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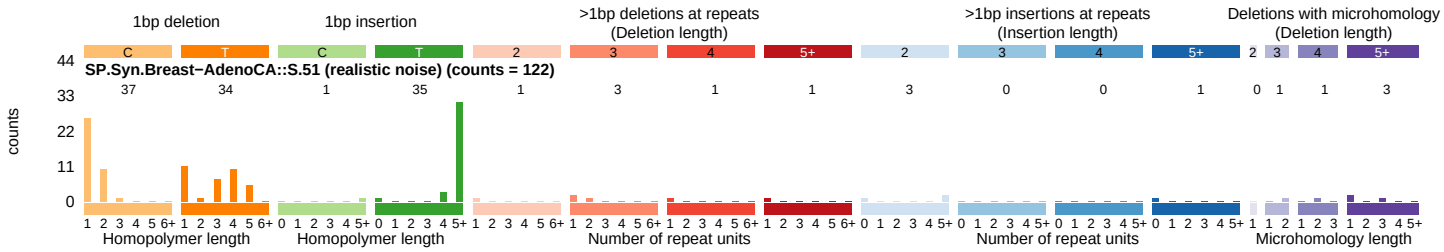
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.50 (realistic noise) (counts = 479)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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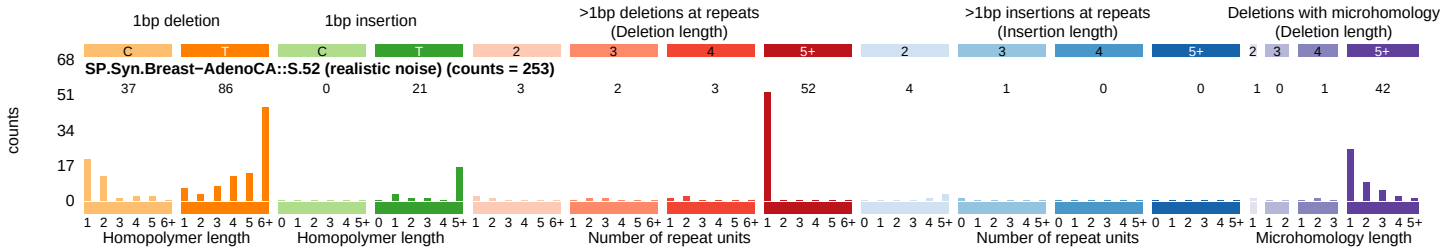
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.51 (realistic noise) (counts = 122)
counts
Homopolymer length
Number of repeat units
Microhomology length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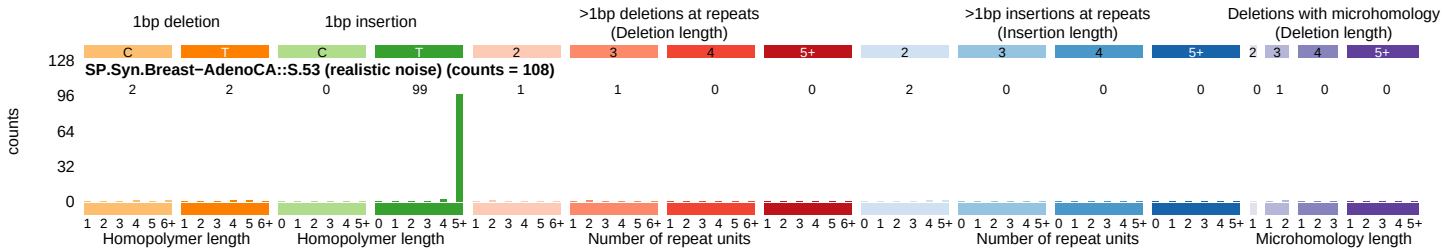
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.52 (realistic noise) (counts = 253)
counts
Homopolymer length
Number of repeat units
Microhomology length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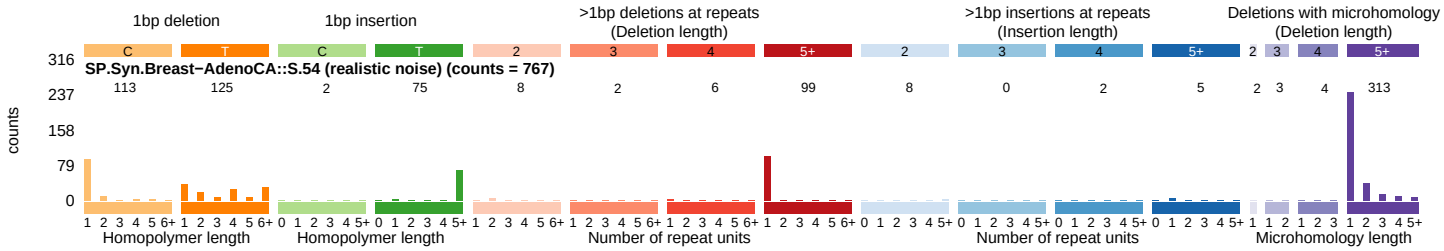
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.53 (realistic noise) (counts = 108)
counts
Homopolymer length
Number of repeat units
Microhomology length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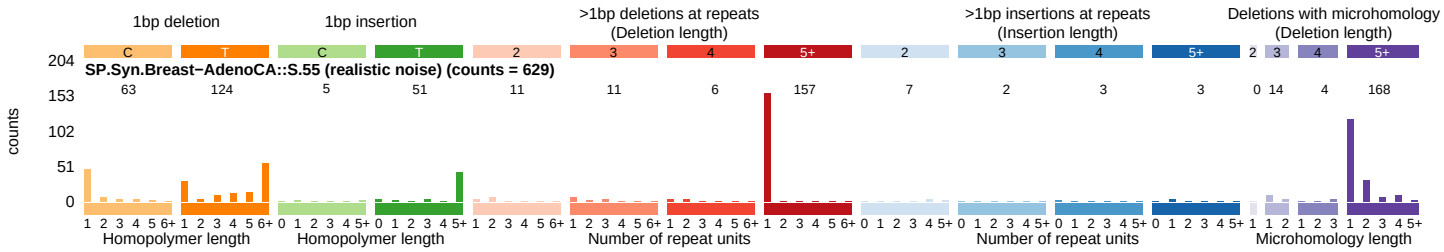
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.54 (realistic noise) (counts = 767)
counts
Homopolymer length
Number of repeat units
Microhomology length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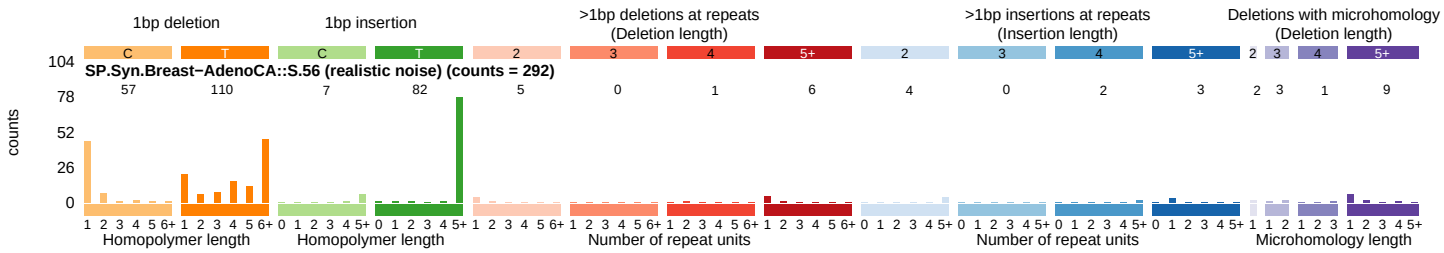
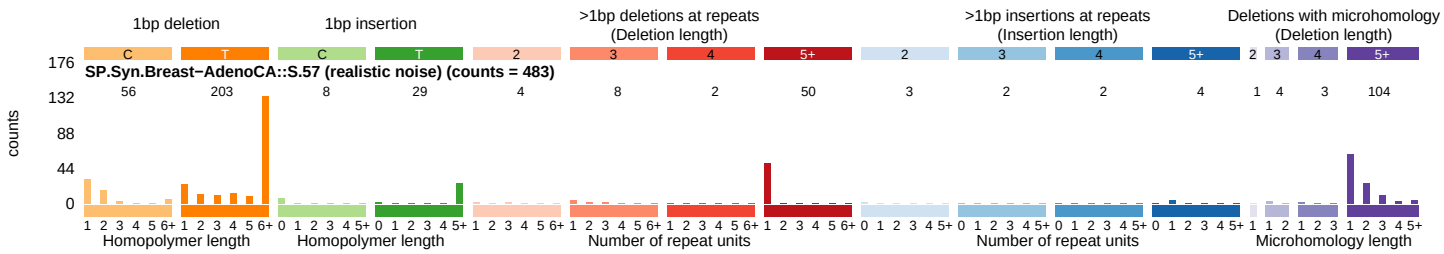
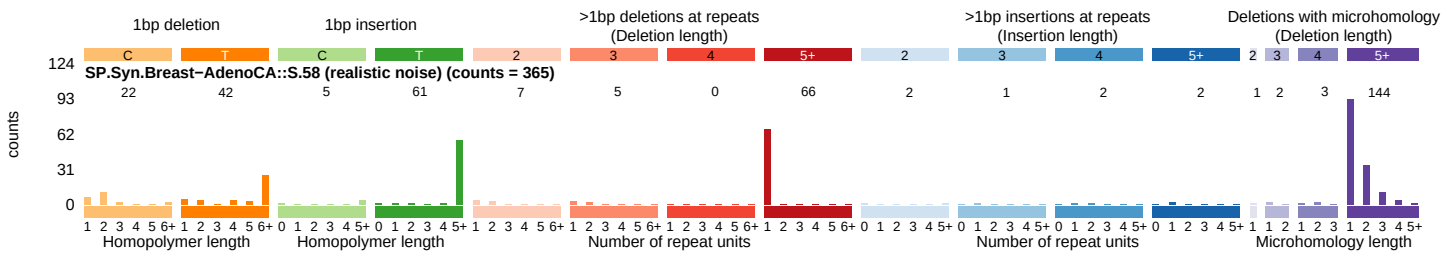
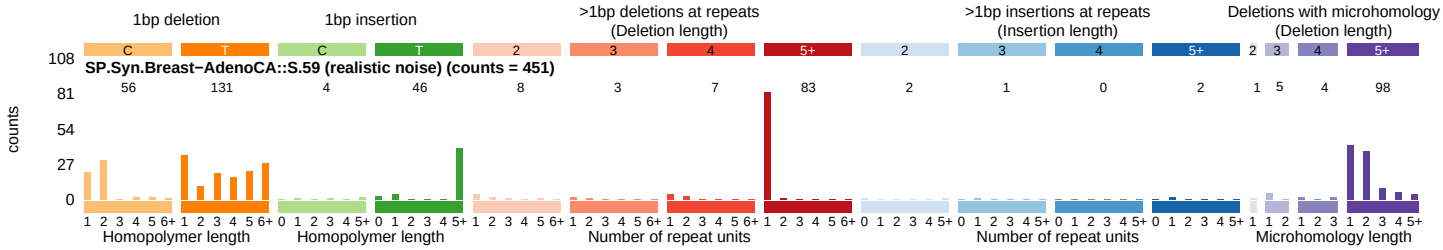
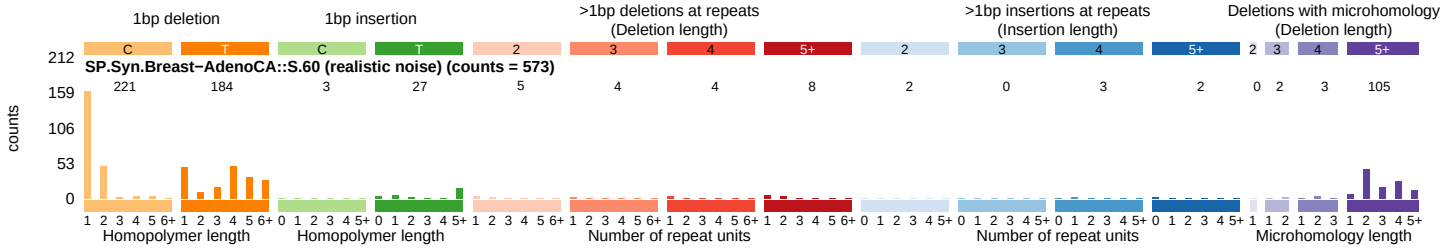
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.55 (realistic noise) (counts = 629)
counts
Homopolymer length
Number of repeat units
Microhomology length

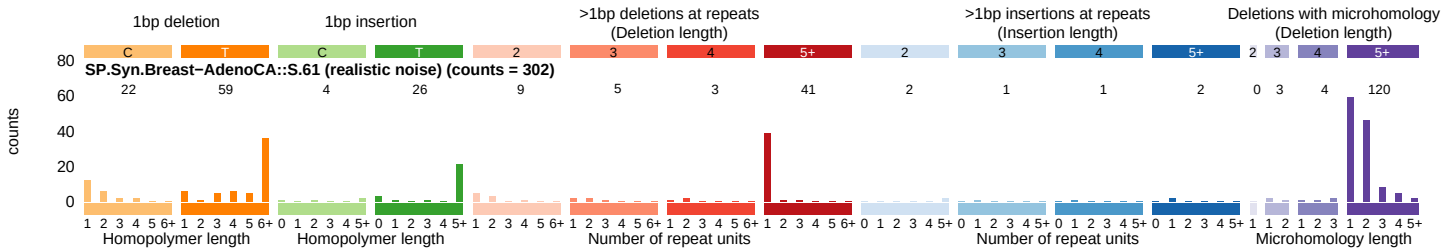

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.56 (realistic noise) (counts = 292)
counts
Homopolymer length
Number of repeat units
Microhomology length

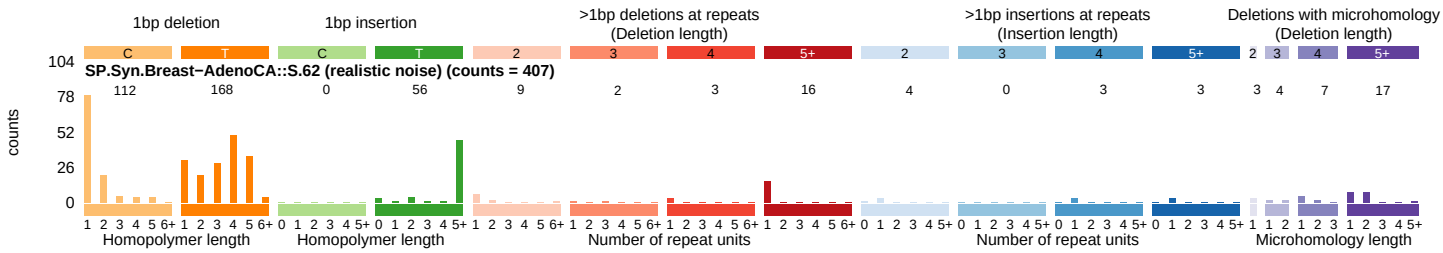

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.57 (realistic noise) (counts = 483)
counts
Homopolymer length
Number of repeat units
Microhomology length

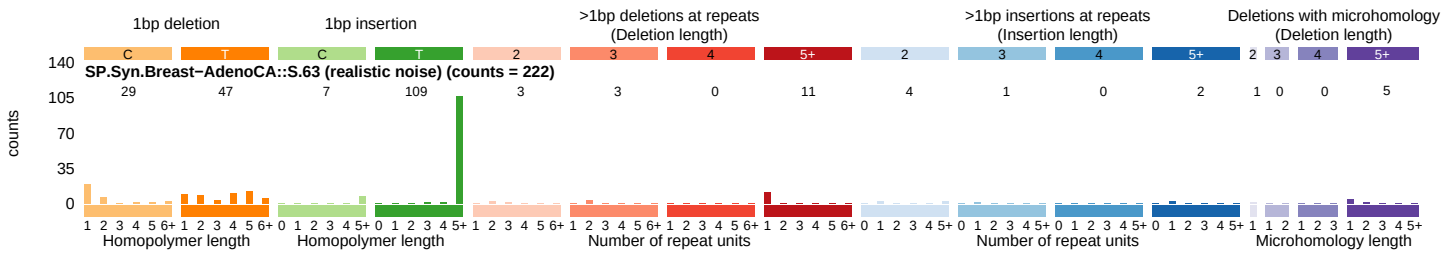

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.58 (realistic noise) (counts = 365)
counts
Homopolymer length
Number of repeat units
Microhomology length

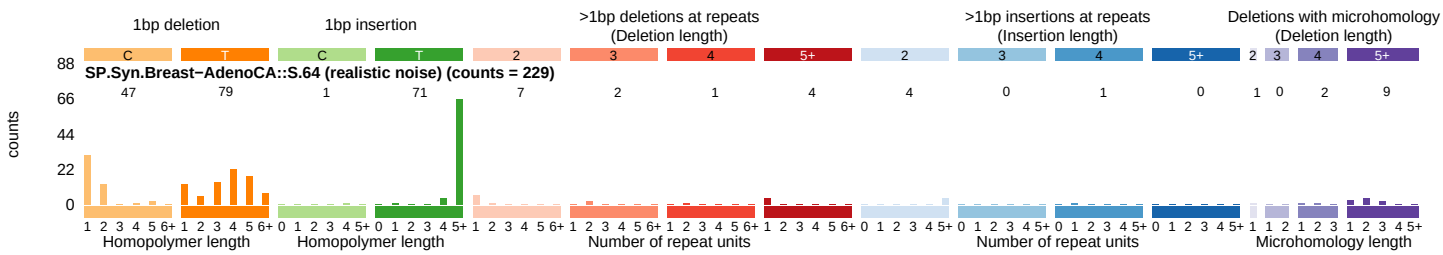

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.59 (realistic noise) (counts = 451)
56 131 4 46 8 3 7 83 2 1 0 2 1 5 4 98
counts
Homopolymer length
Number of repeat units
Microhomology length

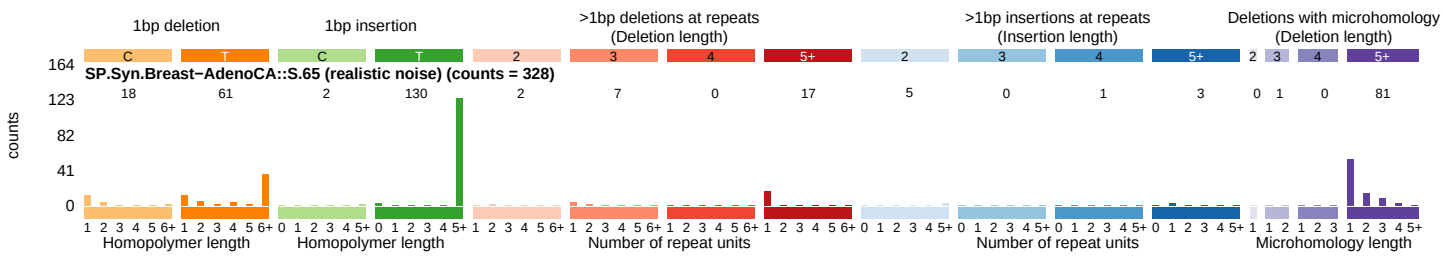

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.60 (realistic noise) (counts = 573)
221 184 3 27 5 4 4 8 2 0 3 2 0 2 3 105
counts
Homopolymer length
Number of repeat units
Microhomology length

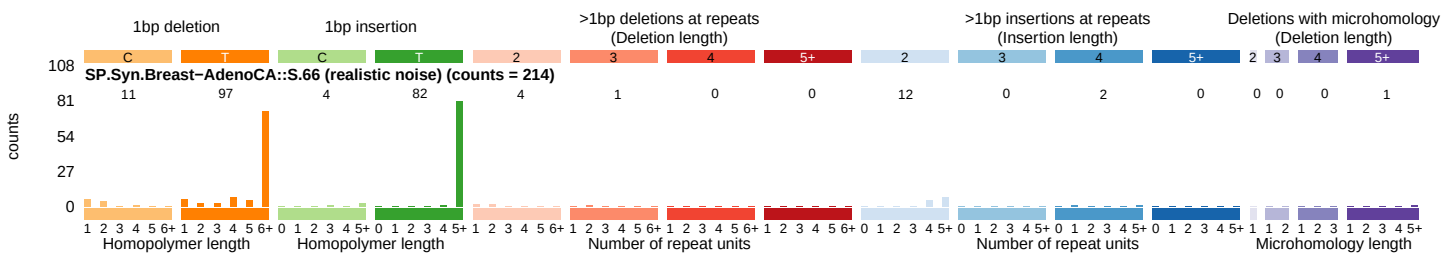

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.61 (realistic noise) (counts = 302)
22 59 4 26 9 5 3 41 2 1 1 2 0 3 4 120
counts
Homopolymer length
Number of repeat units
Microhomology length

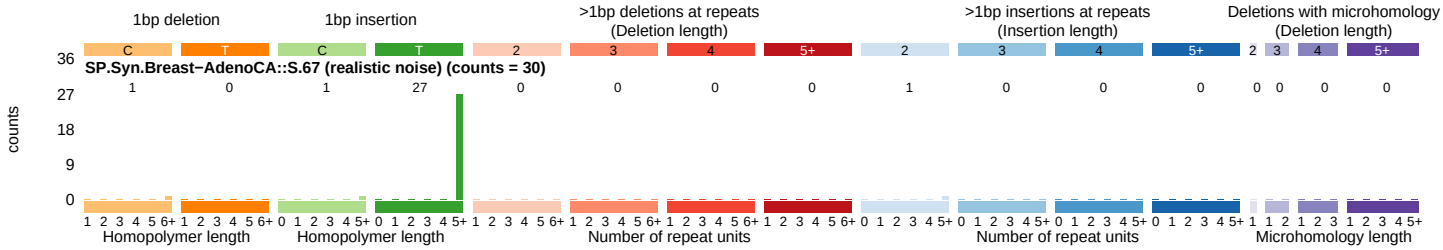

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.62 (realistic noise) (counts = 407)
112 168 0 56 9 2 3 16 4 0 3 3 3 4 7 17
counts
Homopolymer length
Number of repeat units
Microhomology length

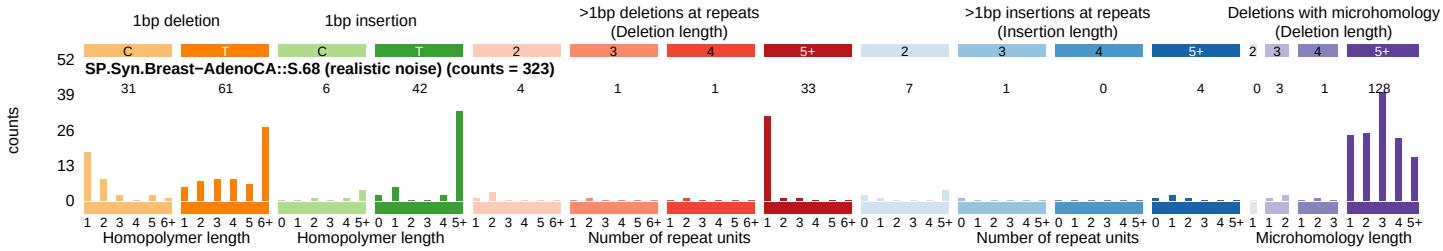

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.63 (realistic noise) (counts = 222)
29 47 7 109 3 3 0 11 4 1 0 2 1 0 0 5
counts
Homopolymer length
Number of repeat units
Microhomology length

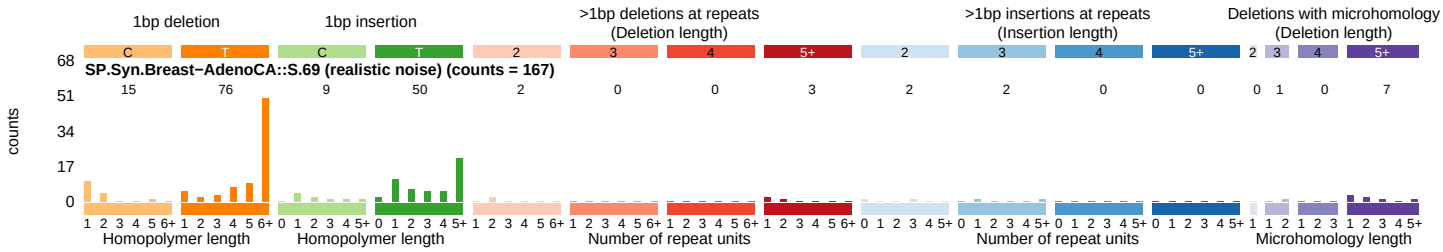

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.64 (realistic noise) (counts = 229)
47 79 1 71 7 2 1 4 4 0 1 0 1 0 2 9
counts
Homopolymer length
Number of repeat units
Microhomology length

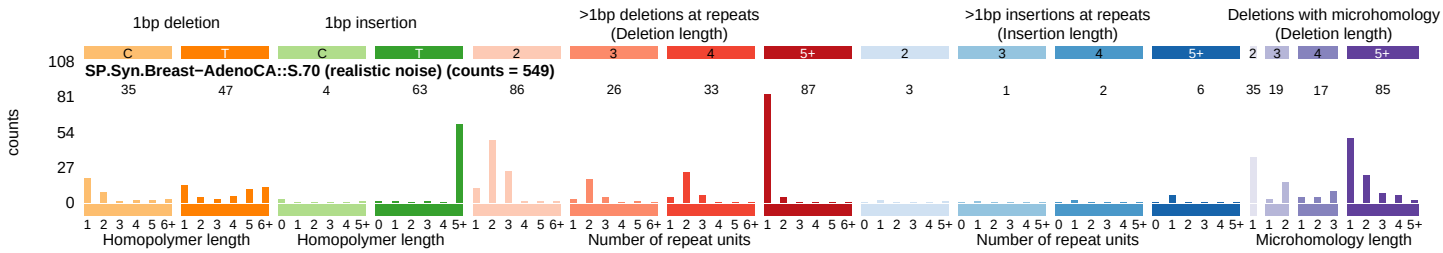

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.65 (realistic noise) (counts = 328)
18 61 2 130 2 7 0 17 5 0 1 3 0 1 0 81
counts
Homopolymer length
Number of repeat units
Microhomology length

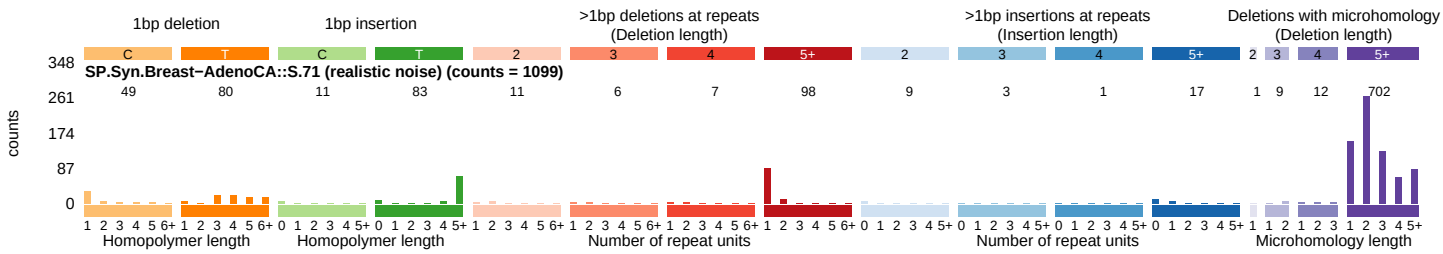

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.66 (realistic noise) (counts = 214)
11 97 4 82 4 1 0 0 12 0 2 0 0 0 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length

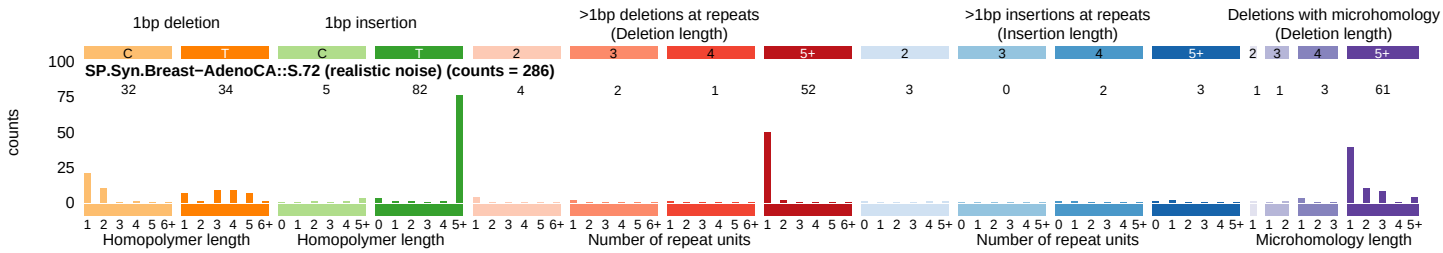

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.67 (realistic noise) (counts = 30)
1 0 1 27 0 0 0 0 1 0 0 0 0 0 0 0
counts
36 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

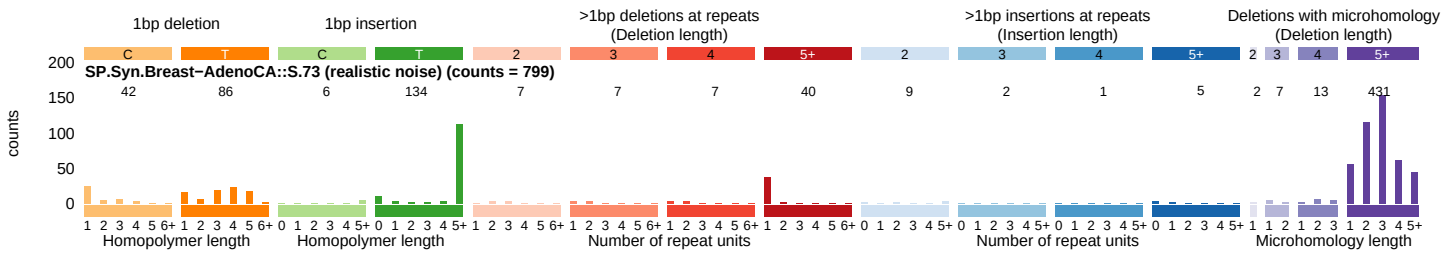

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.68 (realistic noise) (counts = 323)
31 61 6 42 4 1 1 33 7 1 0 4 0 3 1 128
counts
52 39 26 13 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

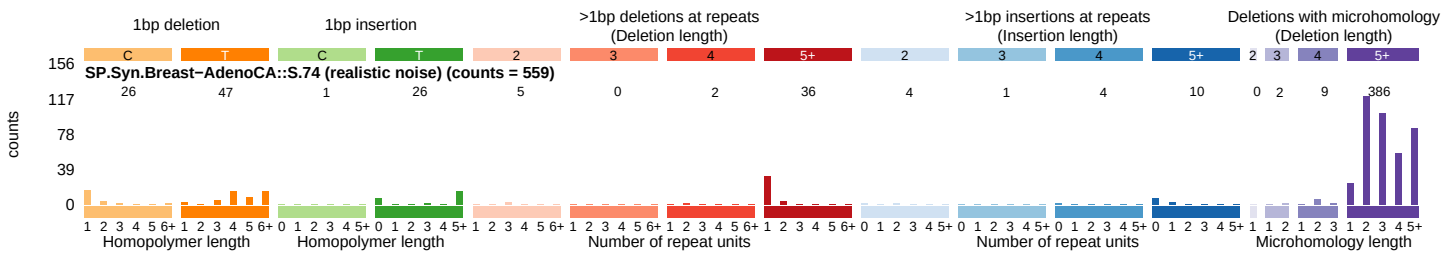

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.69 (realistic noise) (counts = 167)
15 76 9 50 2 0 0 3 2 2 0 0 0 1 0 7
counts
68 51 34 17 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

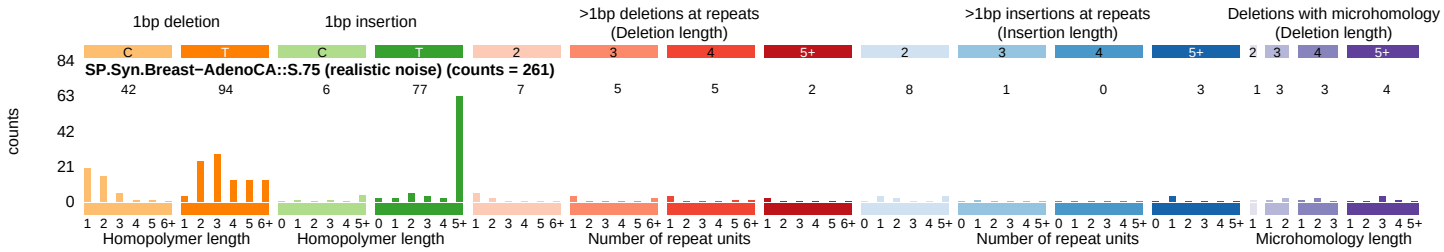

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.70 (realistic noise) (counts = 549)
35 47 4 63 86 26 33 87 3 1 2 6 35 19 17 85
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

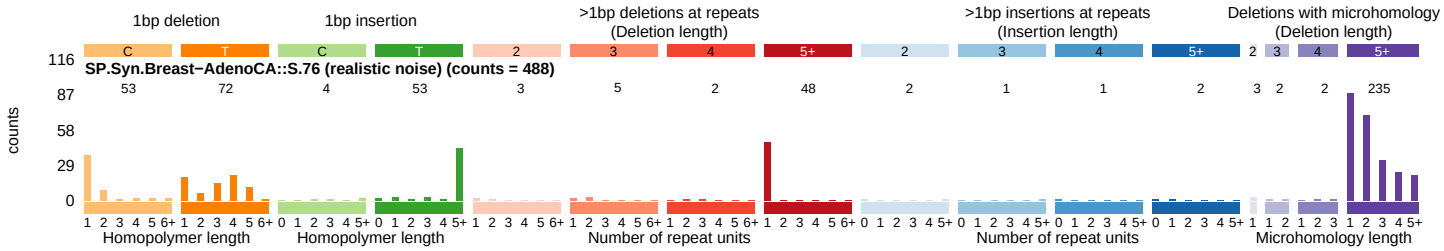

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.71 (realistic noise) (counts = 1099)
49 80 11 83 11 6 7 98 9 3 1 17 1 9 12 702
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

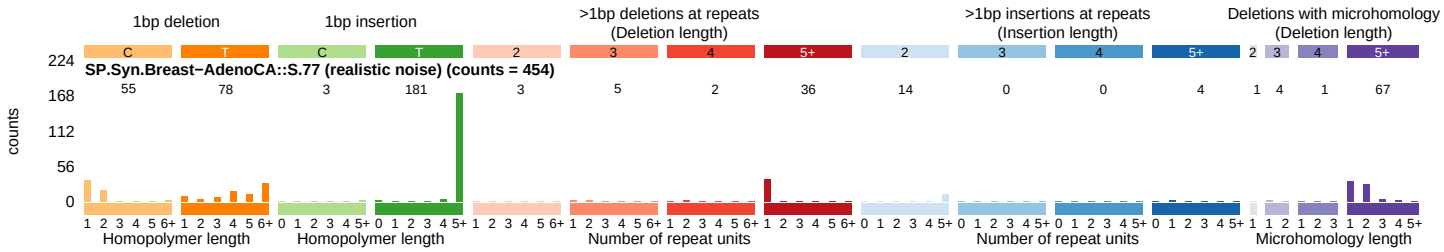

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.72 (realistic noise) (counts = 286)
32 34 5 82 4 2 1 52 3 0 2 3 1 1 3 61
counts
100 75 50 25 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

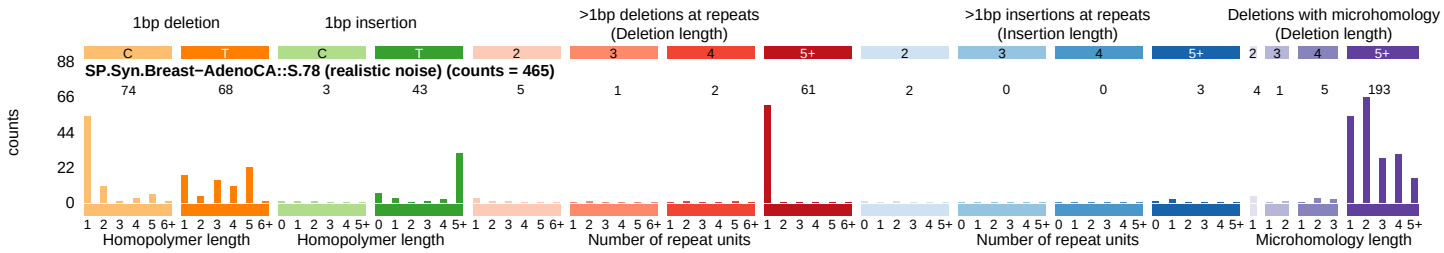

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.73 (realistic noise) (counts = 799)
42 86 6 134 7 7 7 40 9 2 1 5 2 7 13 431
counts
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

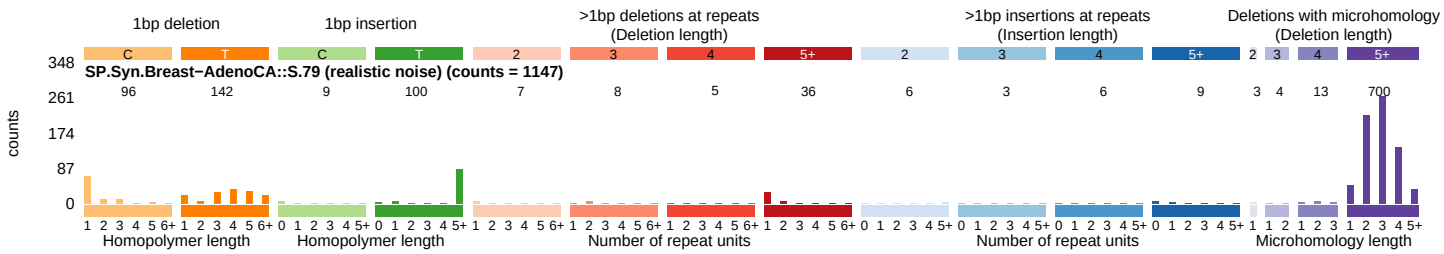

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.74 (realistic noise) (counts = 559)
26 47 1 26 5 0 2 36 4 1 4 10 0 2 9 386
counts
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

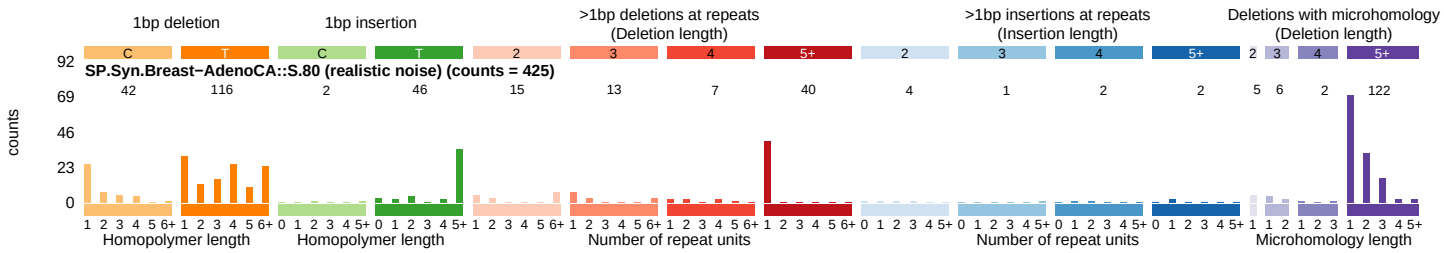

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.75 (realistic noise) (counts = 261)
42 94 6 77 7 5 5 2 8 1 0 3 1 3 3 4
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

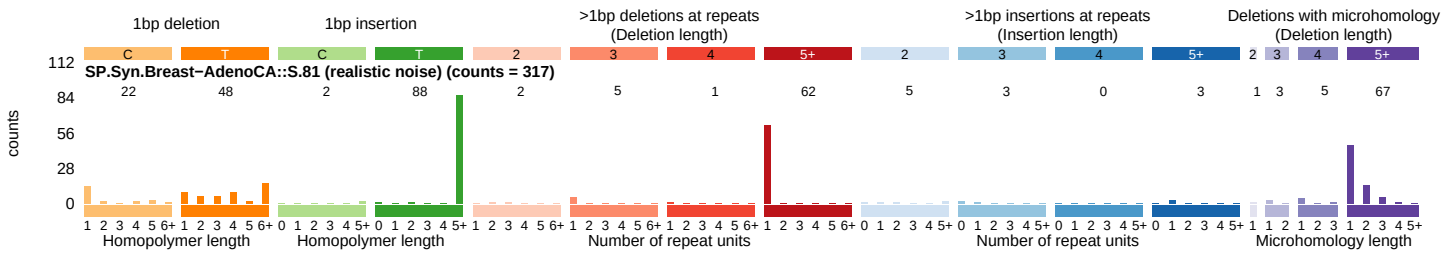

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.76 (realistic noise) (counts = 488)
53 72 4 53 3 5 2 48 2 1 1 2 3 2 2 235
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

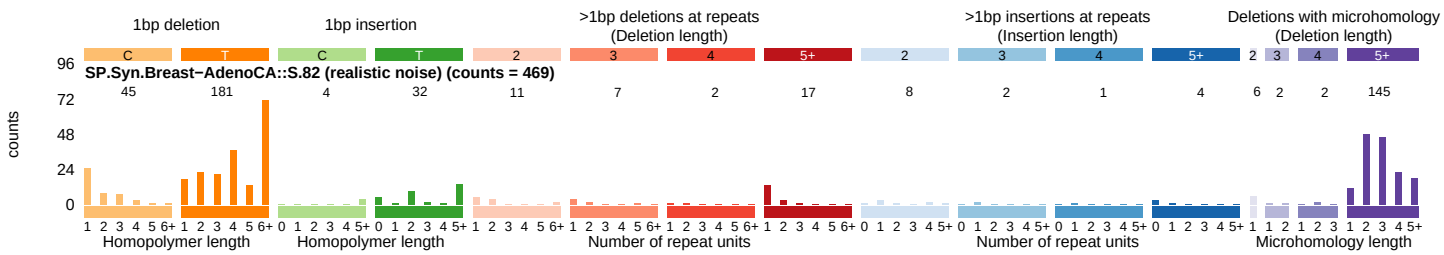

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.77 (realistic noise) (counts = 454)
55 78 3 181 3 5 2 36 14 0 0 4 1 4 1 67
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

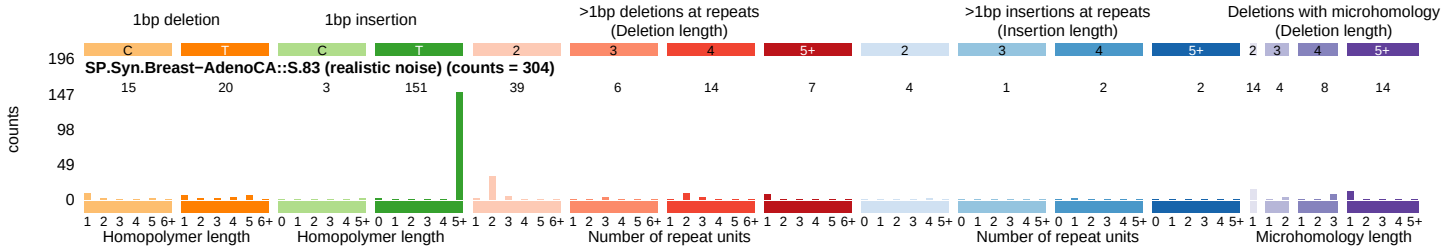

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.78 (realistic noise) (counts = 465)
74 68 3 43 5 1 2 61 2 0 0 3 4 1 5 193
counts
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.79 (realistic noise) (counts = 1147)
96 142 9 100 7 8 5 36 6 3 6 9 3 4 13 700
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.80 (realistic noise) (counts = 425)
42 116 2 46 15 13 7 40 4 1 2 2 5 6 2 122
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.81 (realistic noise) (counts = 317)
22 48 2 88 2 5 1 62 5 3 0 3 1 3 5 67
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.82 (realistic noise) (counts = 469)
45 181 4 32 11 7 2 17 8 2 1 4 6 2 2 145
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
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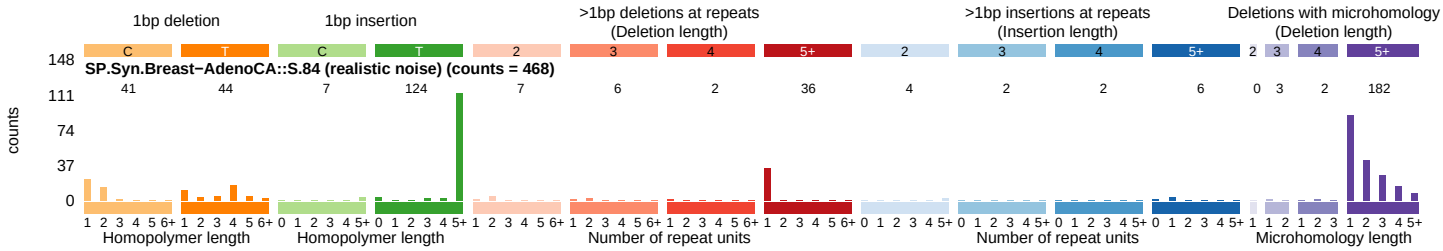
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.83 (realistic noise) (counts = 304)
counts
Homopolymer length
Number of repeat units
Microhomology length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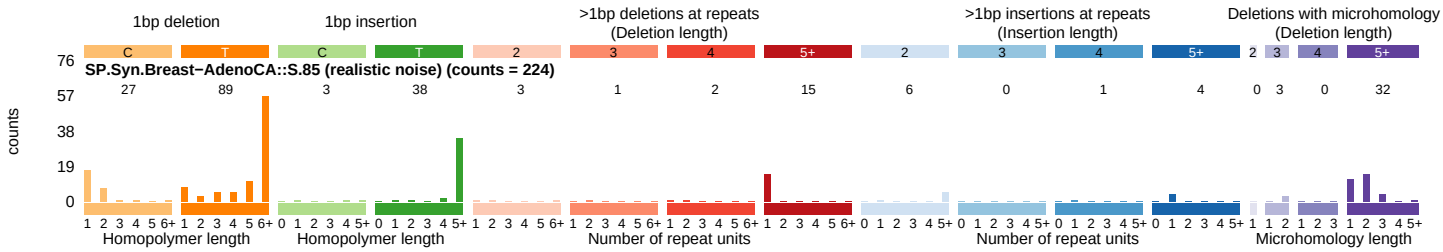
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.84 (realistic noise) (counts = 468)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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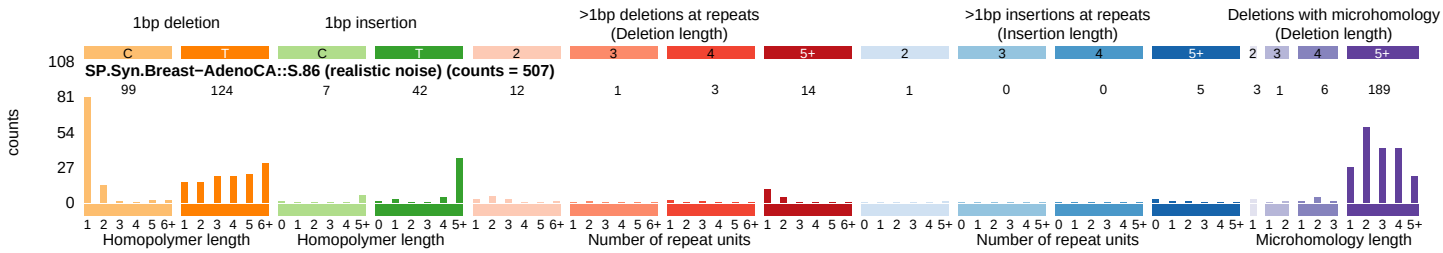
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.85 (realistic noise) (counts = 224)
counts
Homopolymer length
Number of repeat units
Microhomology length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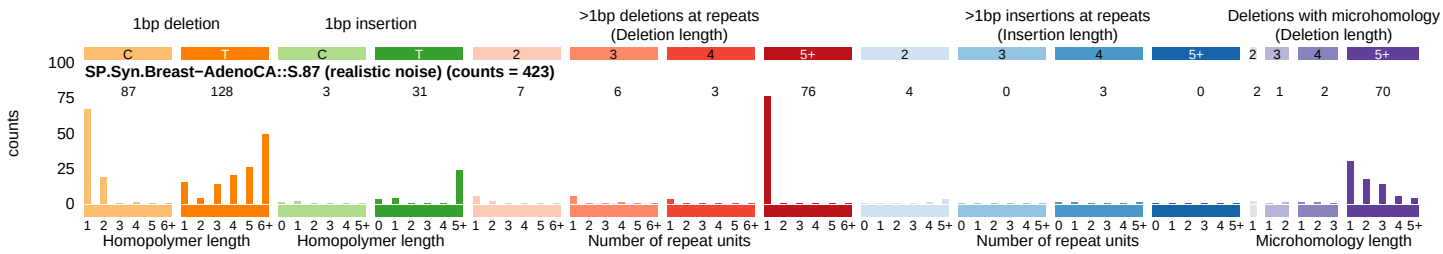
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.86 (realistic noise) (counts = 507)
counts
Homopolymer length
Number of repeat units
Microhomology length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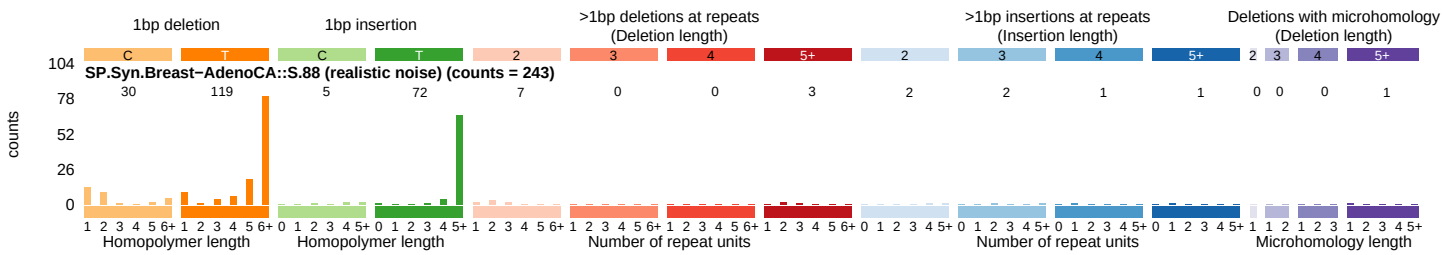
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.87 (realistic noise) (counts = 423)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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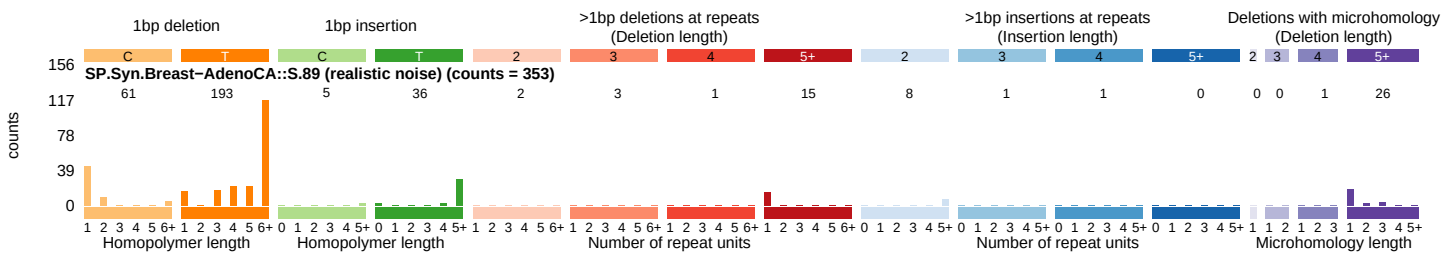
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.88 (realistic noise) (counts = 243)
counts
Homopolymer length
Number of repeat units
Microhomology length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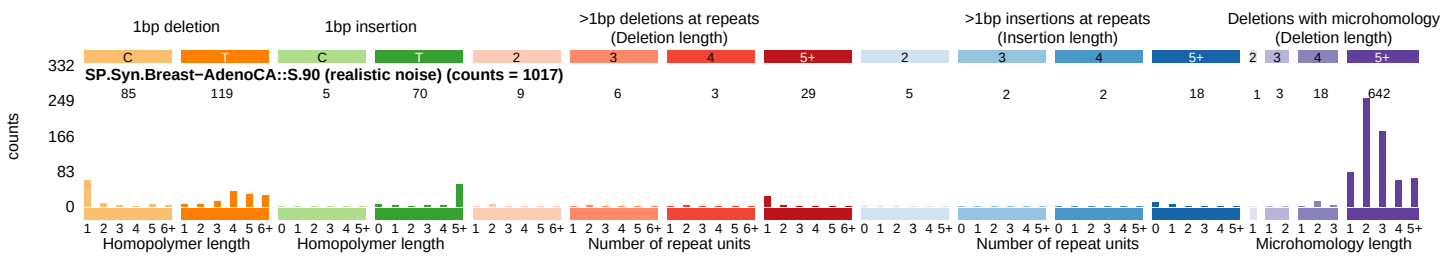
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.89 (realistic noise) (counts = 353)
counts
Homopolymer length
Number of repeat units
Microhomology length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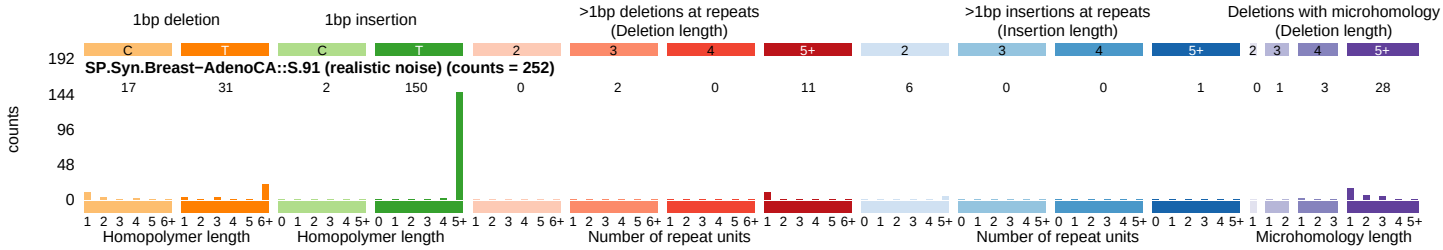
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.90 (realistic noise) (counts = 1017)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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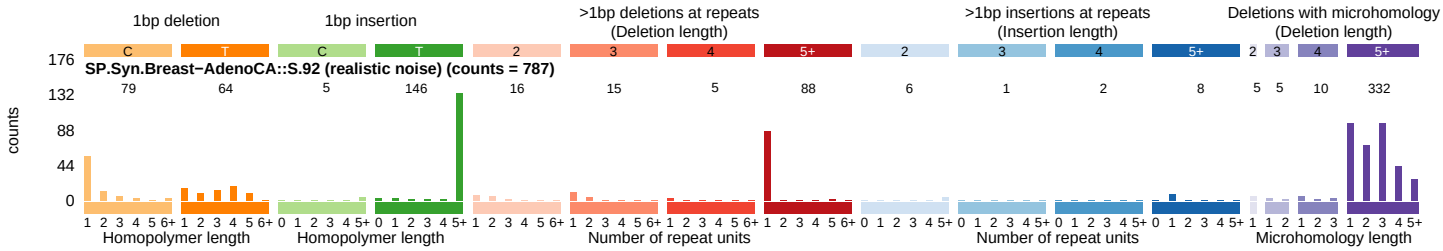
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.91 (realistic noise) (counts = 252)
17 31 2 150 0 2 0 11 6 0 0 1 0 1 3 28
counts
192 144 96 48 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 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)
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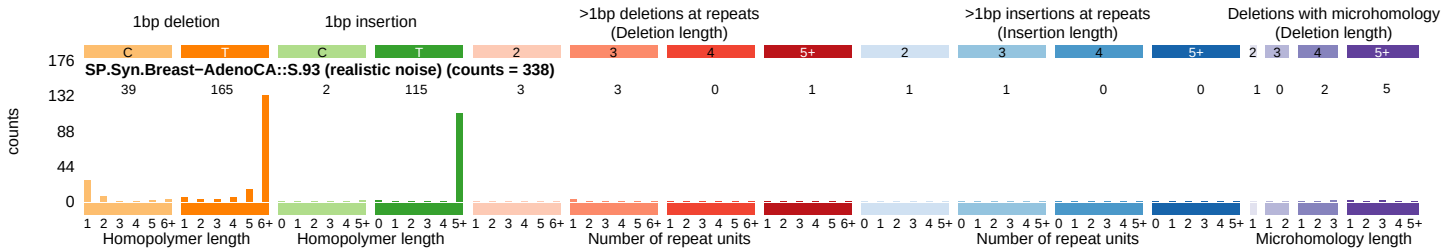
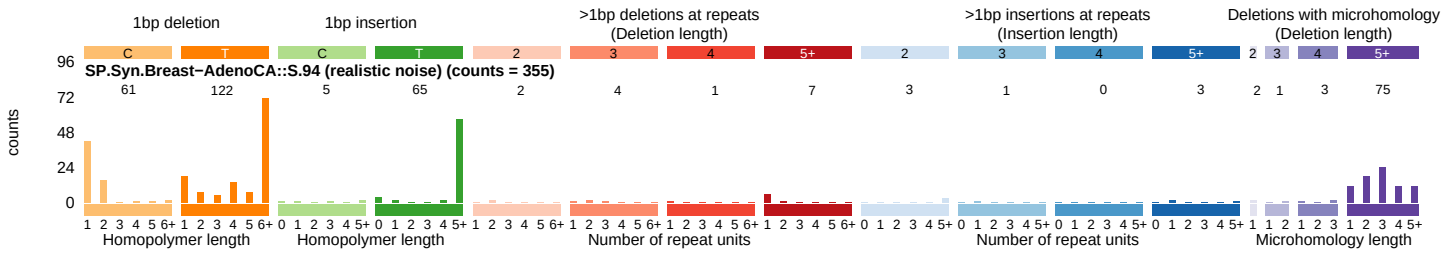
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.92 (realistic noise) (counts = 787)
79 64 5 146 16 15 5 88 6 1 2 8 5 5 10 332
counts
176 132 88 44 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.93 (realistic noise) (counts = 338)
39 165 2 115 3 3 0 1 1 1 0 0 1 0 2 5
counts
176 132 88 44 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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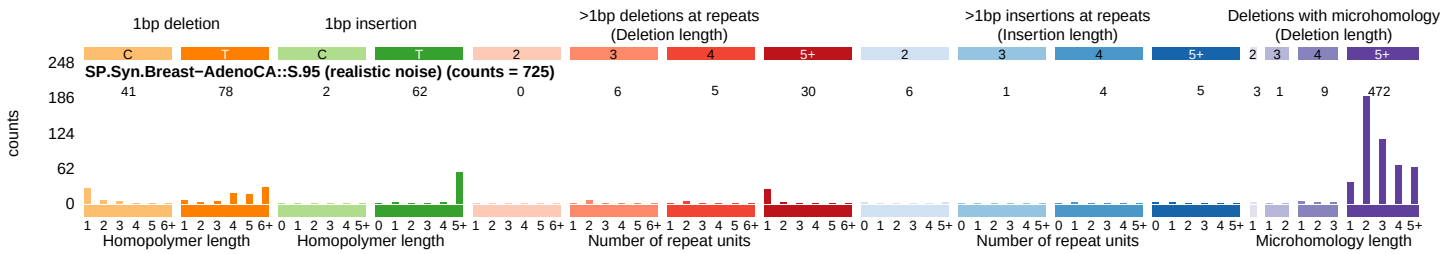
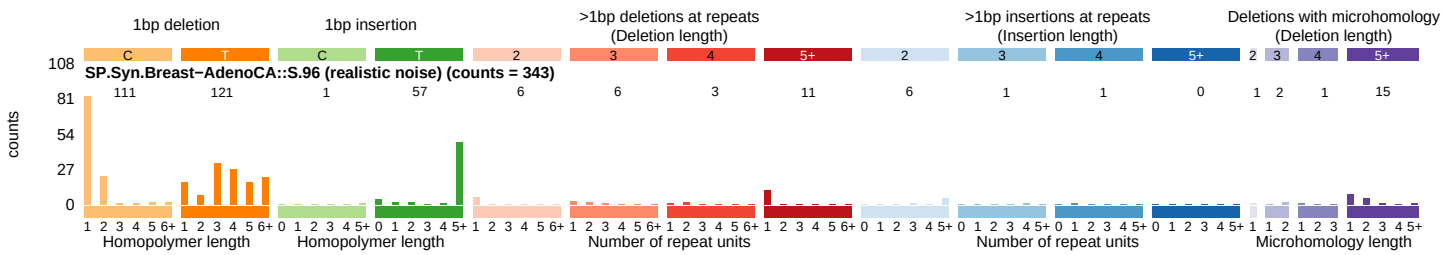
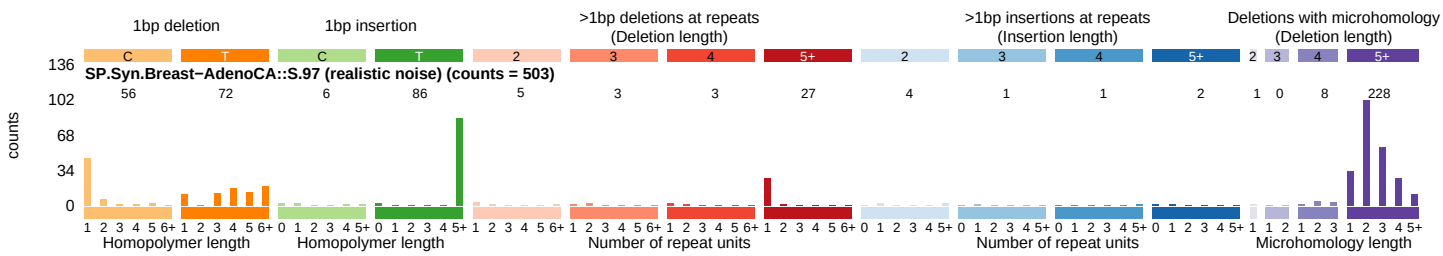
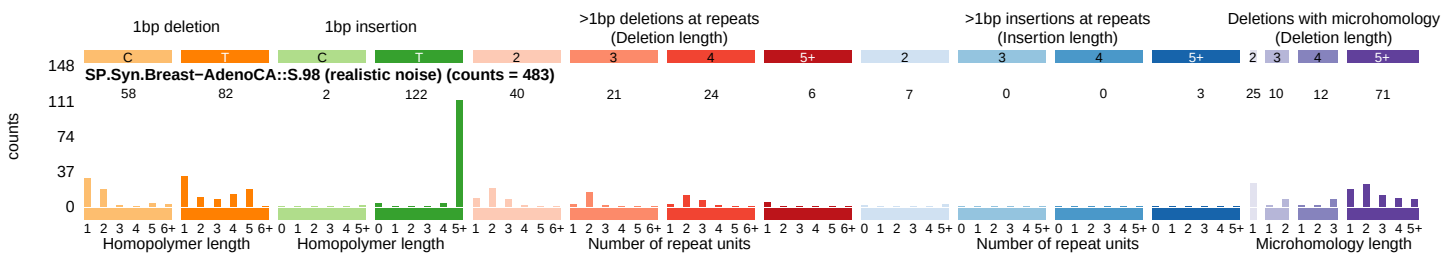
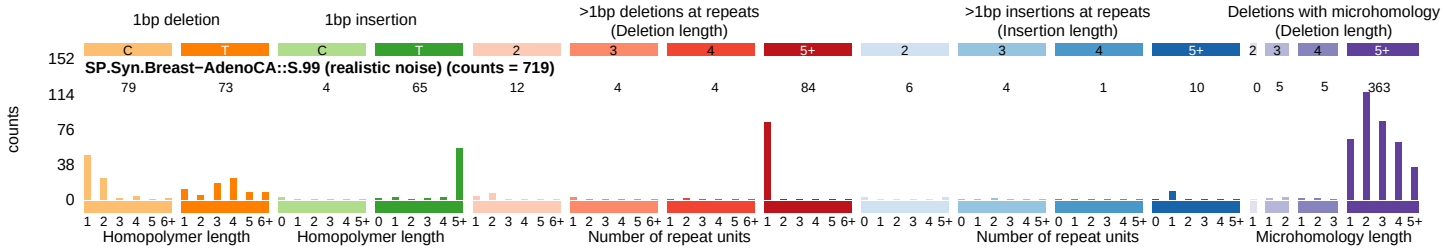
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.94 (realistic noise) (counts = 355)
61 122 5 65 2 4 1 7 3 1 0 3 2 1 3 75
counts
96 72 48 24 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 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

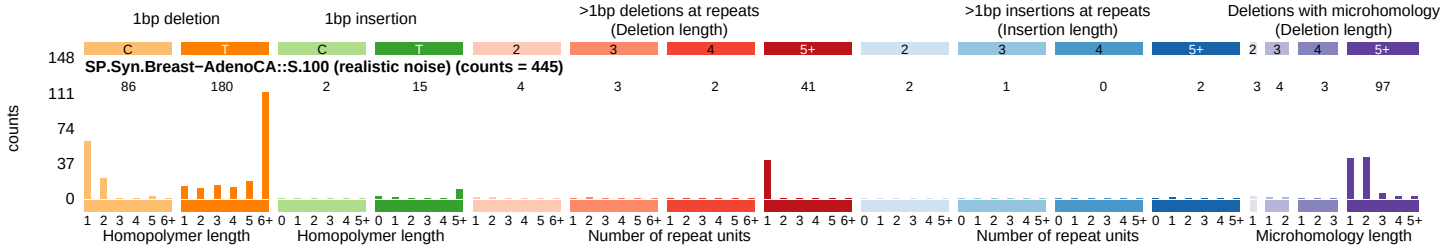

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.95 (realistic noise) (counts = 725)
41 78 2 62 0 6 5 30 6 1 4 5 3 1 9 472
counts
248 186 124 62 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

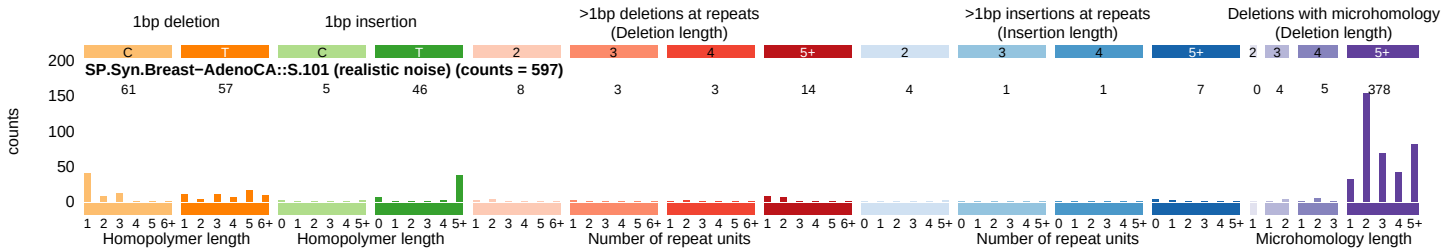

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.96 (realistic noise) (counts = 343)
111 121 1 57 6 6 3 11 6 1 1 0 1 2 1 15
counts
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

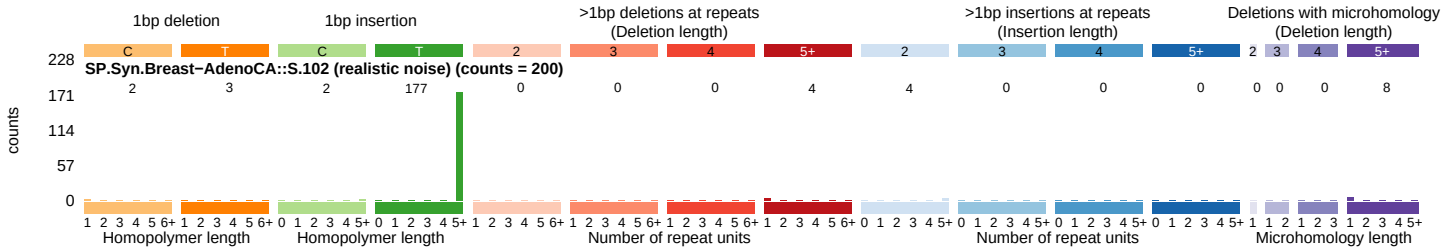

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.97 (realistic noise) (counts = 503)
56 72 6 86 5 3 3 27 4 1 1 2 1 0 8 228
counts
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

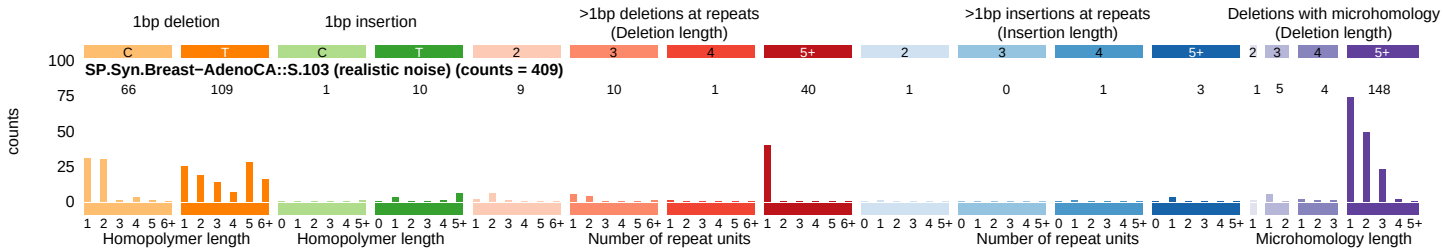

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.98 (realistic noise) (counts = 483)
58 82 2 122 40 21 24 6 7 0 0 3 25 10 12 71
counts
148 111 74 37 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

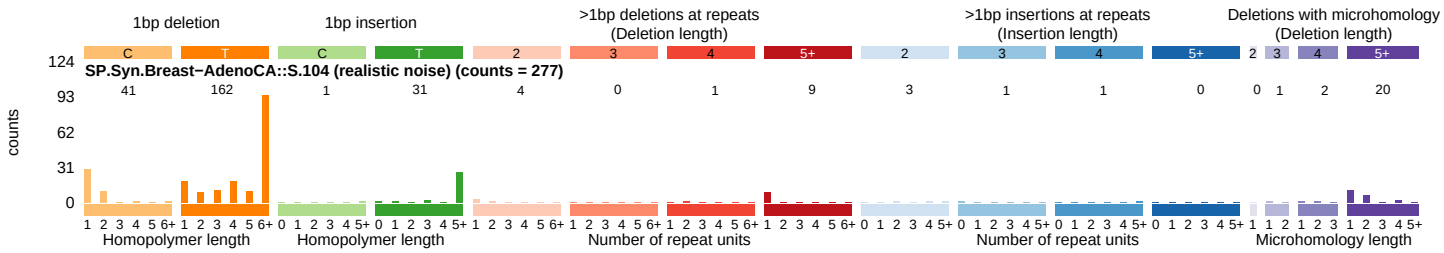

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.99 (realistic noise) (counts = 719)
79 73 4 65 12 4 4 84 6 4 1 10 0 5 5 363
counts
Homopolymer length
Number of repeat units
Microhomology length

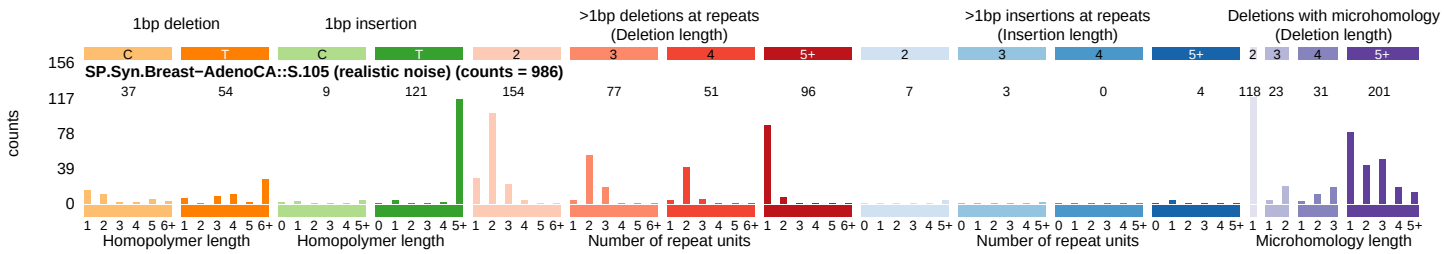

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.100 (realistic noise) (counts = 445)
86 180 2 15 4 3 2 41 2 1 0 2 3 4 3 97
counts
Homopolymer length
Number of repeat units
Microhomology length

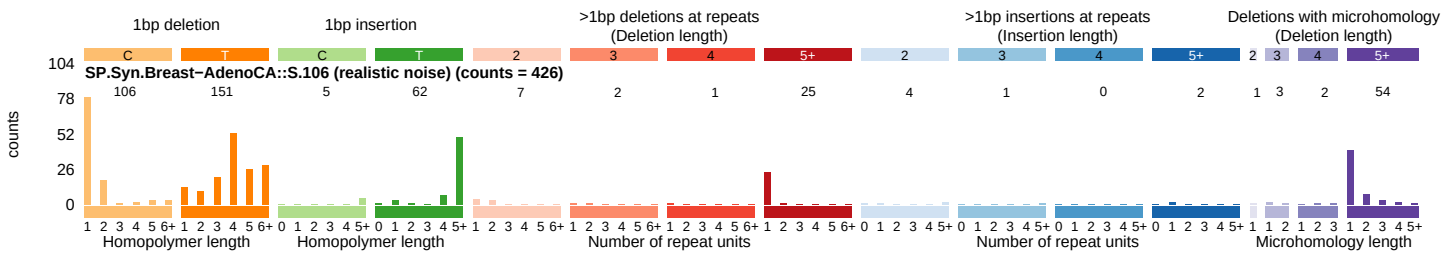

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.101 (realistic noise) (counts = 597)
61 57 5 46 8 3 3 14 4 1 1 7 0 4 5 378
counts
Homopolymer length
Number of repeat units
Microhomology length

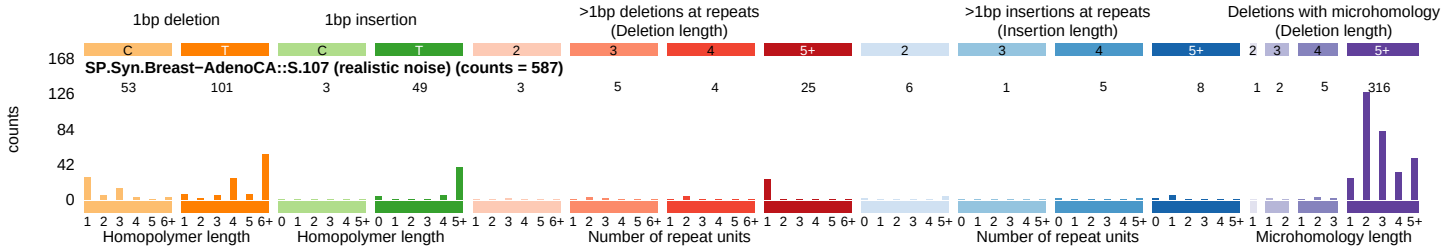

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.102 (realistic noise) (counts = 200)
2 3 2 177 0 0 0 4 4 0 0 0 0 0 0 8
counts
Homopolymer length
Number of repeat units
Microhomology length

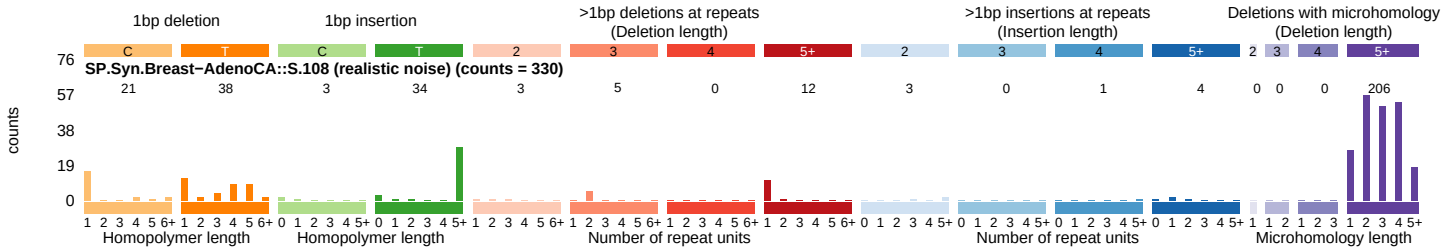

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.103 (realistic noise) (counts = 409)
66 109 1 10 9 10 1 40 1 0 1 3 1 5 4 148
counts
Homopolymer length
Number of repeat units
Microhomology length

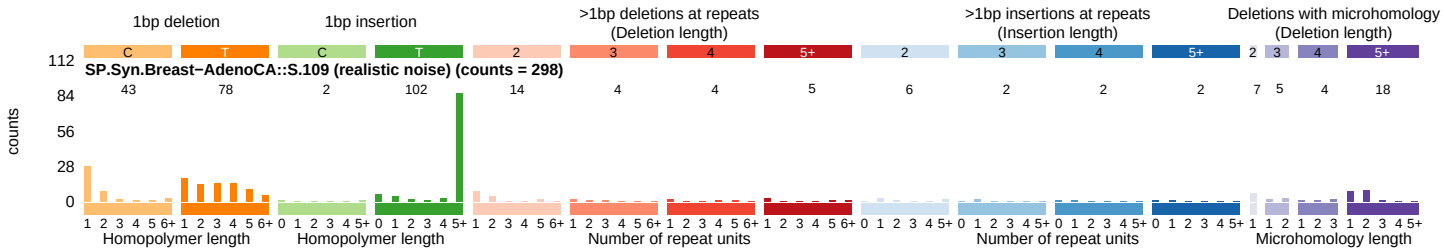

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.104 (realistic noise) (counts = 277)
41 162 1 31 4 0 1 9 3 1 1 0 0 1 2 20
counts
Homopolymer length
Number of repeat units
Microhomology length

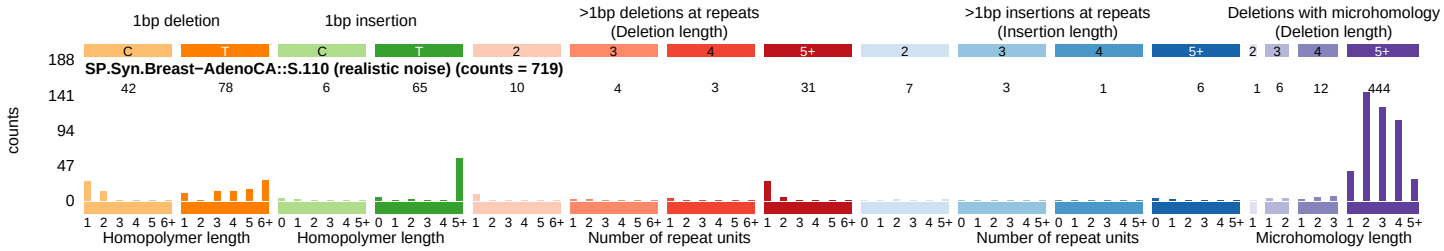

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.105 (realistic noise) (counts = 986)
37 54 9 121 154 77 51 96 7 3 0 4 118 23 31 201
counts
Homopolymer length
Number of repeat units
Microhomology length

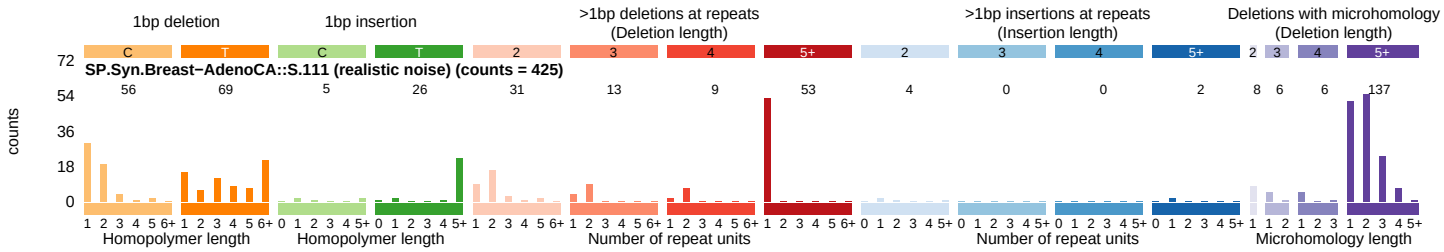

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.106 (realistic noise) (counts = 426)
106 151 5 62 7 2 1 25 4 1 0 2 1 3 2 54
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.107 (realistic noise) (counts = 587)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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 (realistic noise) (counts = 330)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.109 (realistic noise) (counts = 298)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.110 (realistic noise) (counts = 719)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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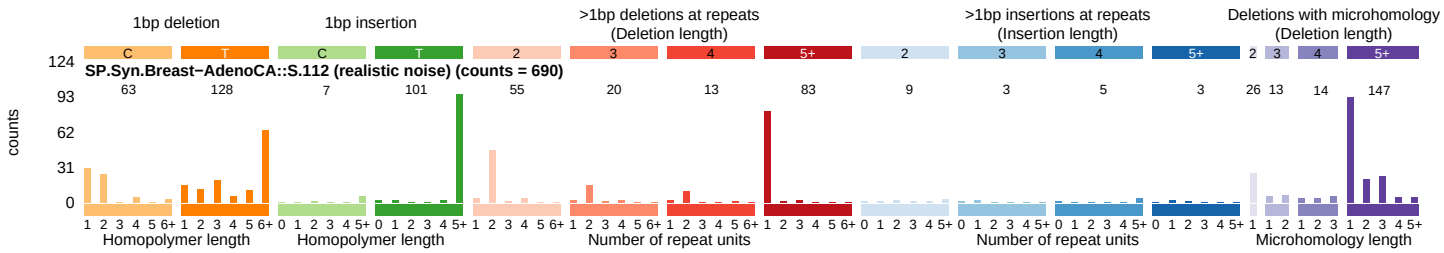
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.111 (realistic noise) (counts = 425)
counts
Homopolymer length
Number of repeat units
Microhomology length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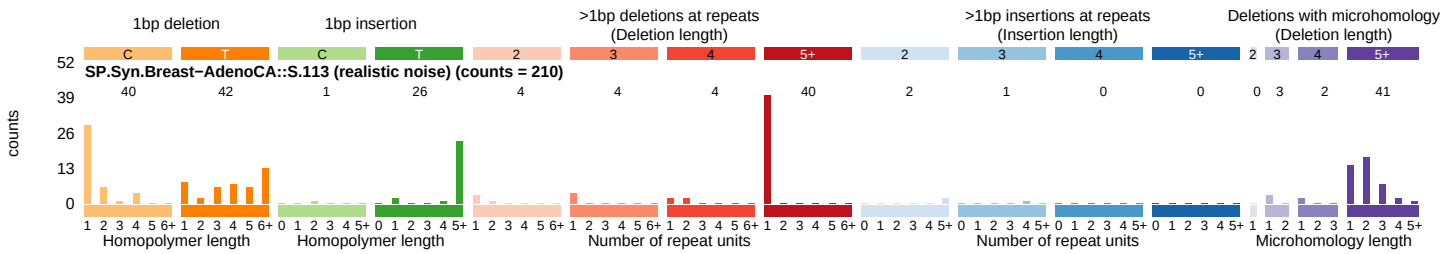
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.112 (realistic noise) (counts = 690)
counts
Homopolymer length
Number of repeat units
Microhomology length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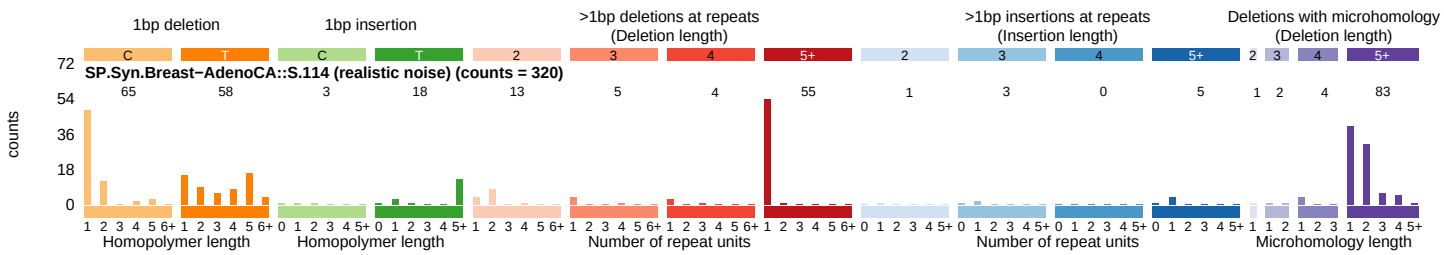
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.113 (realistic noise) (counts = 210)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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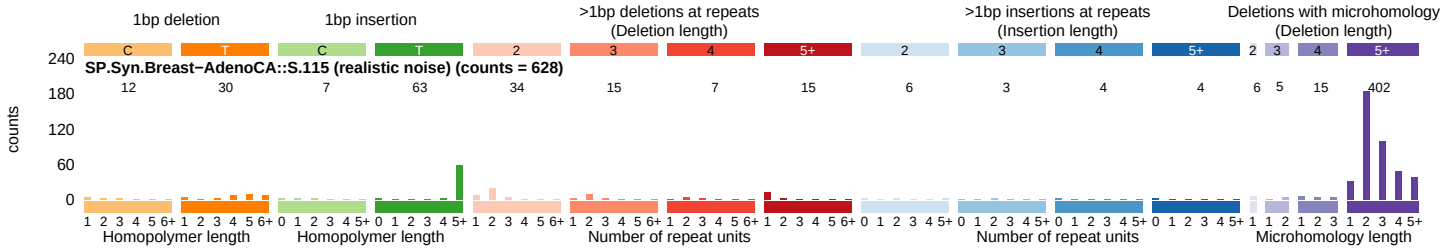
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.114 (realistic noise) (counts = 320)
counts
Homopolymer length
Number of repeat units
Microhomology length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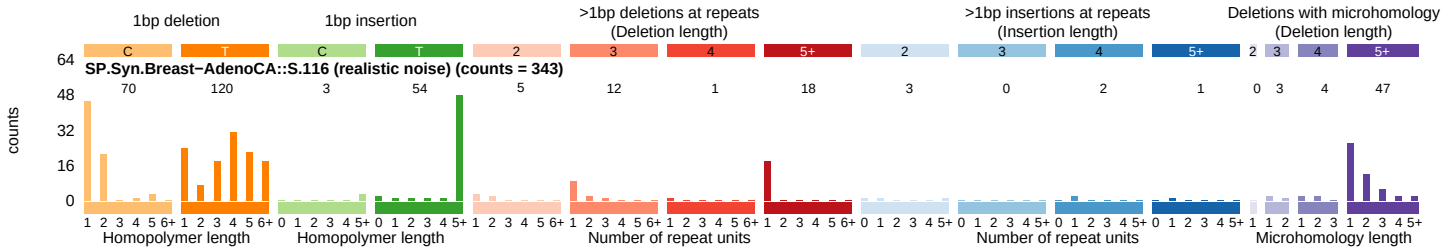
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.115 (realistic noise) (counts = 628)
counts
Homopolymer length
Number of repeat units
Microhomology length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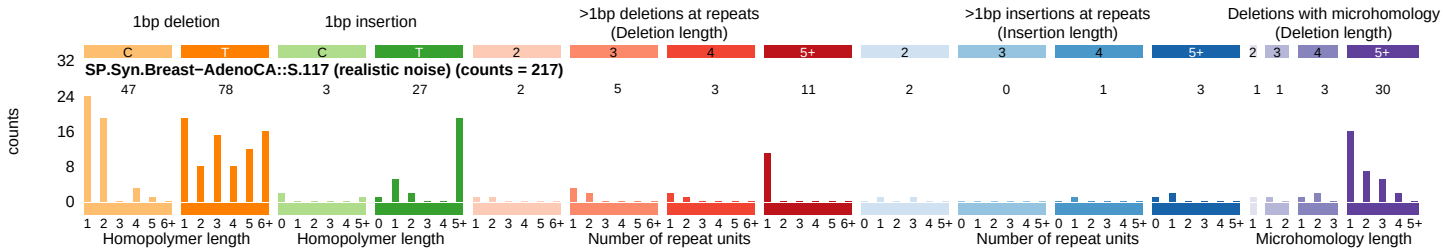
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.116 (realistic noise) (counts = 343)
counts
Homopolymer length
Number of repeat units
Microhomology length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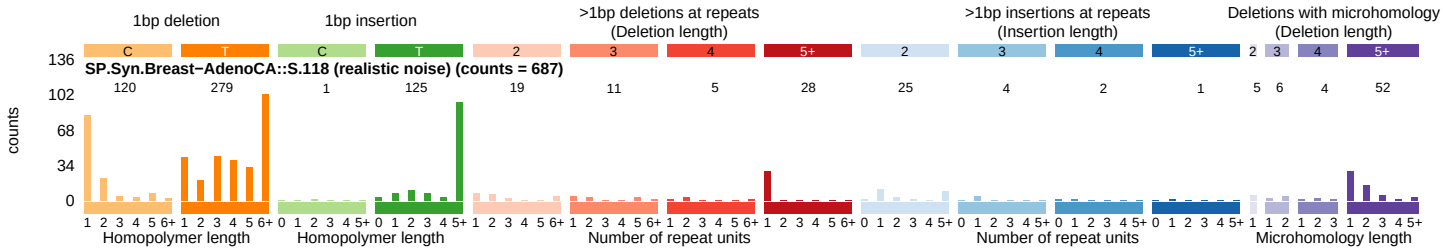
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.117 (realistic noise) (counts = 217)
counts
Homopolymer length
Number of repeat units
Microhomology length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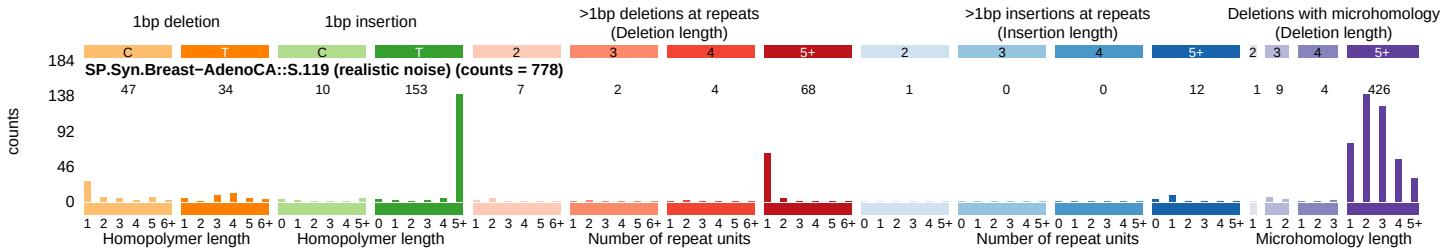
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.118 (realistic noise) (counts = 687)
counts
Homopolymer length
Number of repeat units
Microhomology length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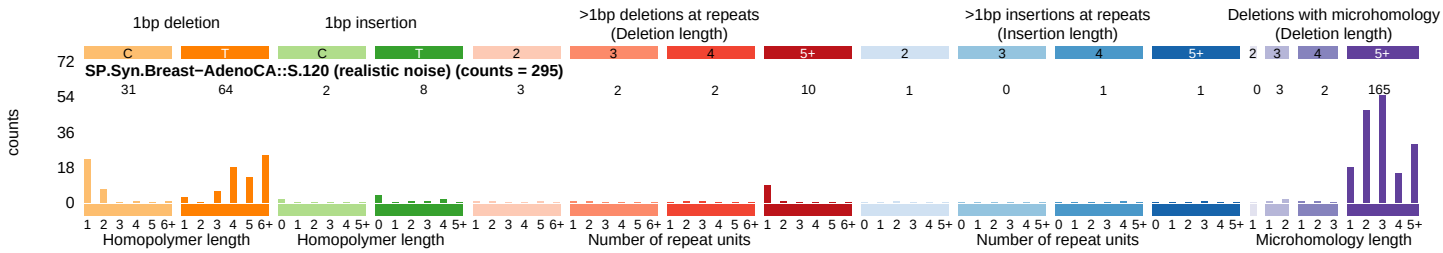
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.119 (realistic noise) (counts = 778)
counts
Homopolymer length
Number of repeat units
Microhomology length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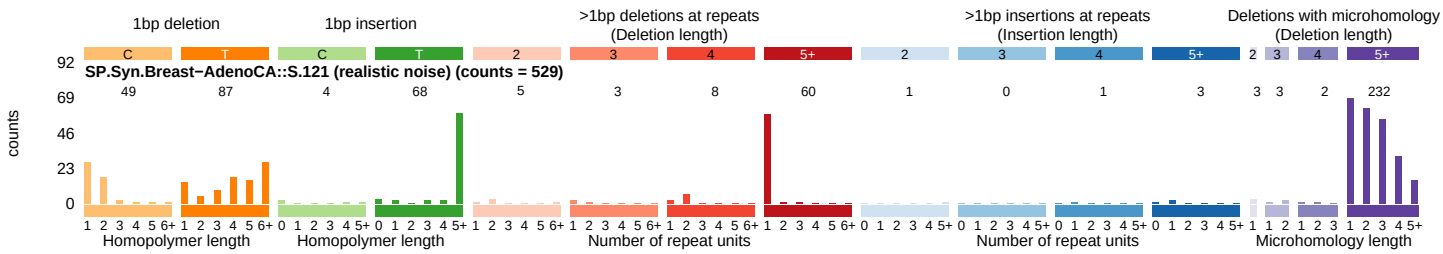
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.120 (realistic noise) (counts = 295)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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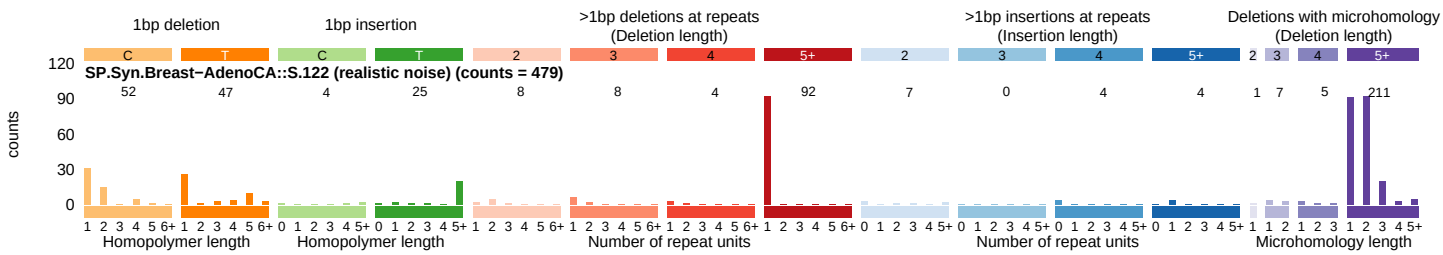
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.121 (realistic noise) (counts = 529)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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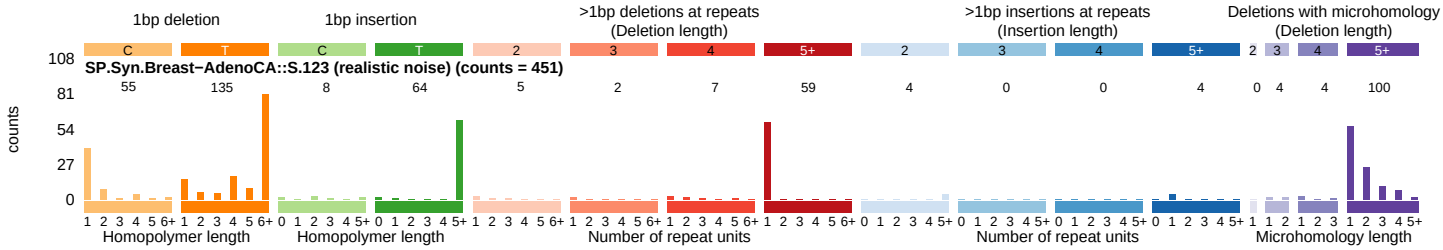
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.122 (realistic noise) (counts = 479)
counts
Homopolymer length
Number of repeat units
Microhomology length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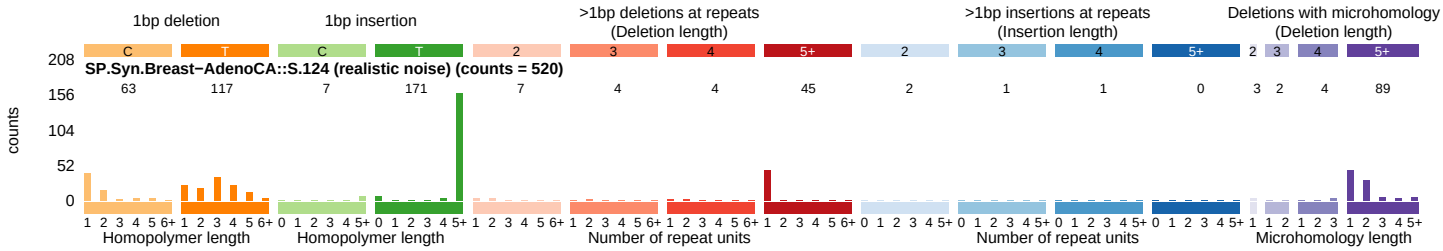
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.123 (realistic noise) (counts = 451)
counts
Homopolymer length
Number of repeat units
Microhomology length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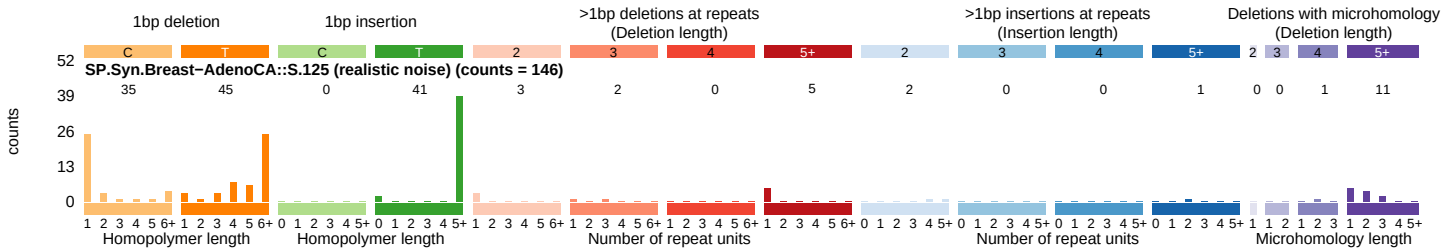
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.124 (realistic noise) (counts = 520)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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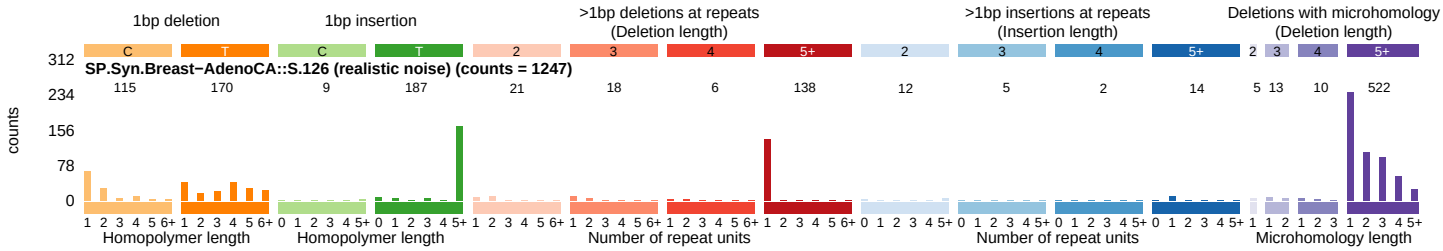
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.125 (realistic noise) (counts = 146)
counts
Homopolymer length
Number of repeat units
Microhomology length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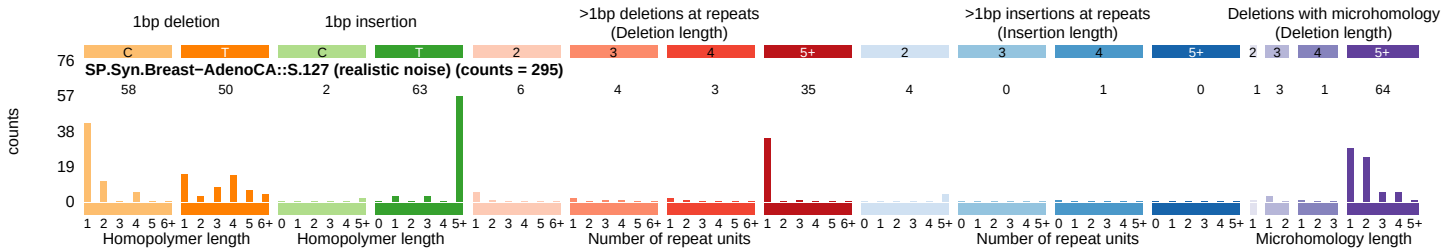
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.126 (realistic noise) (counts = 1247)
counts
Homopolymer length
Number of repeat units
Microhomology length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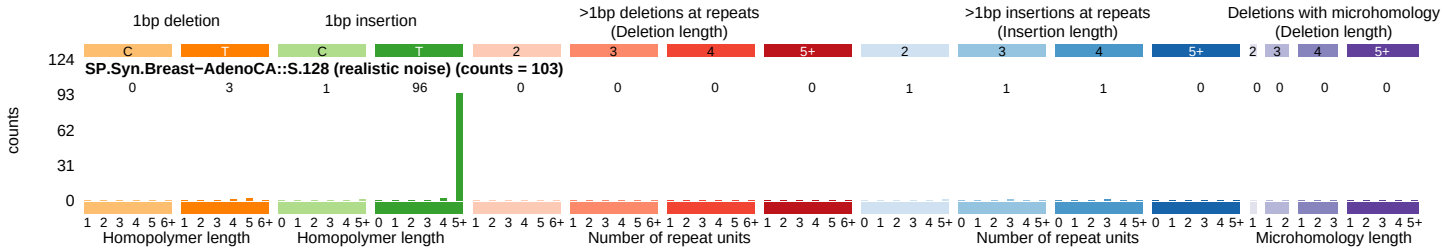
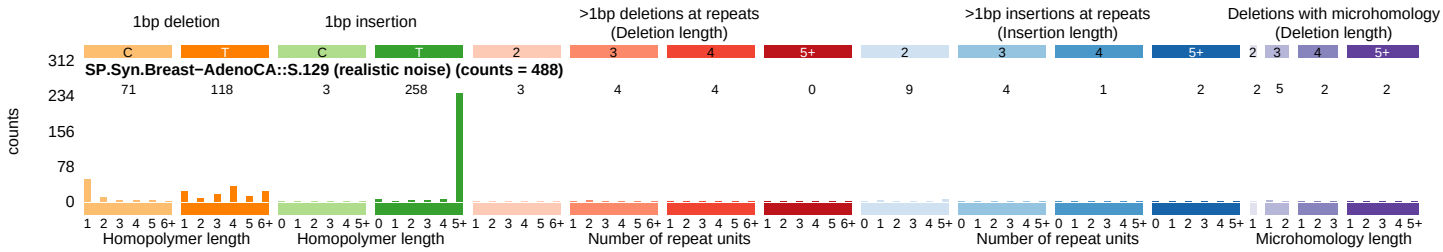
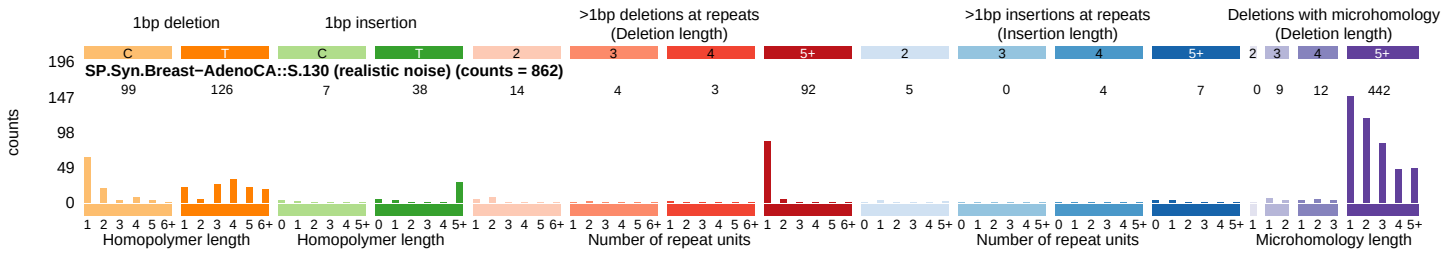
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.127 (realistic noise) (counts = 295)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.128 (realistic noise) (counts = 103)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.129 (realistic noise) (counts = 488)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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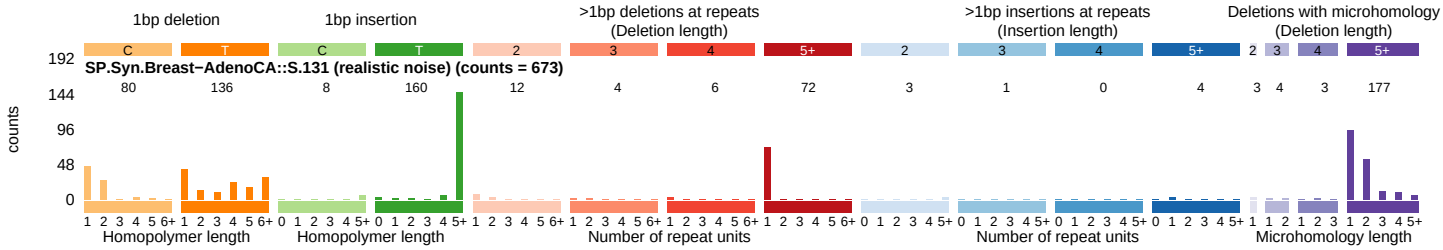
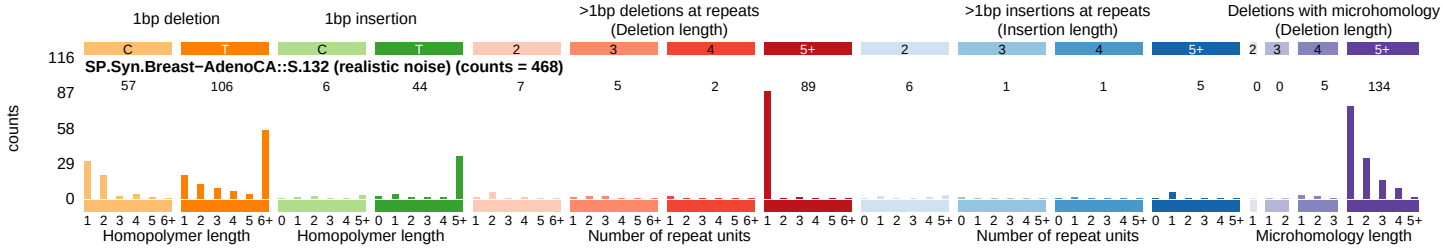
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.130 (realistic noise) (counts = 862)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.131 (realistic noise) (counts = 673)
80 136 8 160 12 4 6 72 3 1 0 4 3 4 3 177
counts
Homopolymer length
Number of repeat units
Microhomology length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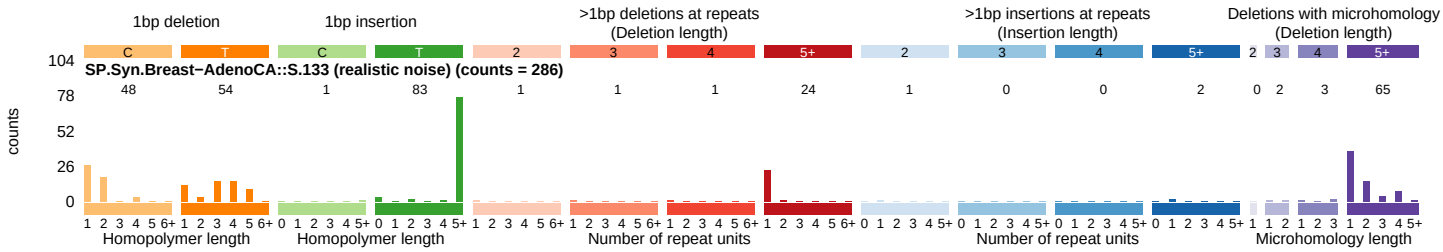
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.132 (realistic noise) (counts = 468)
57 106 6 44 7 5 2 89 6 1 1 5 0 0 5 134
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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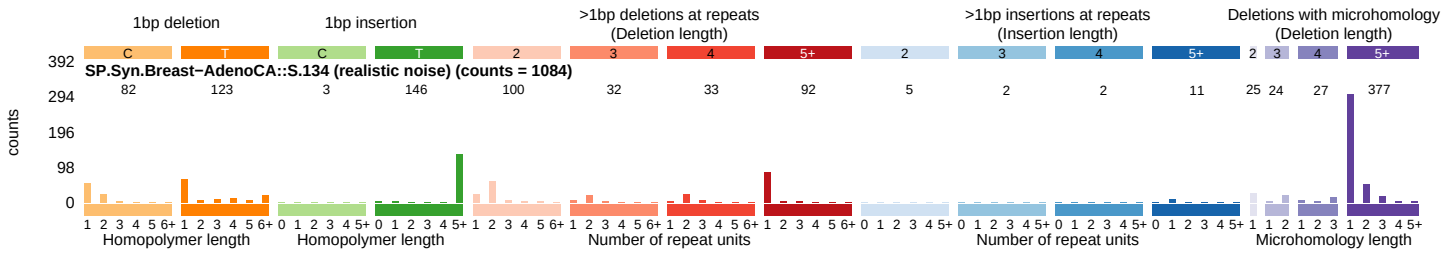
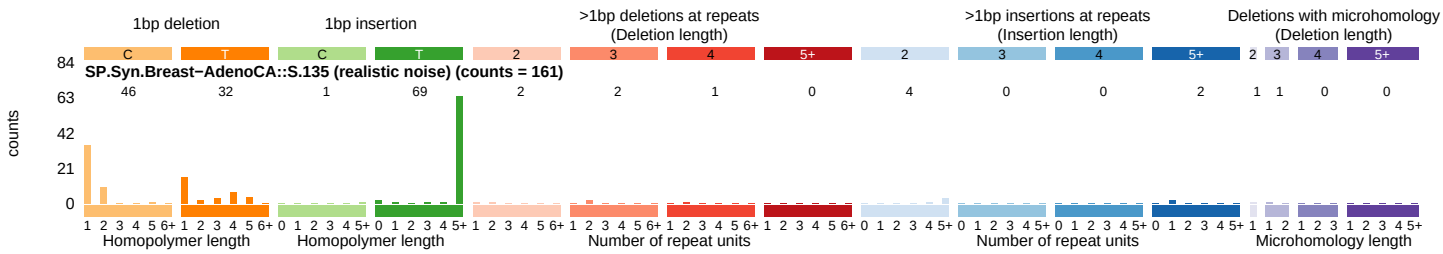
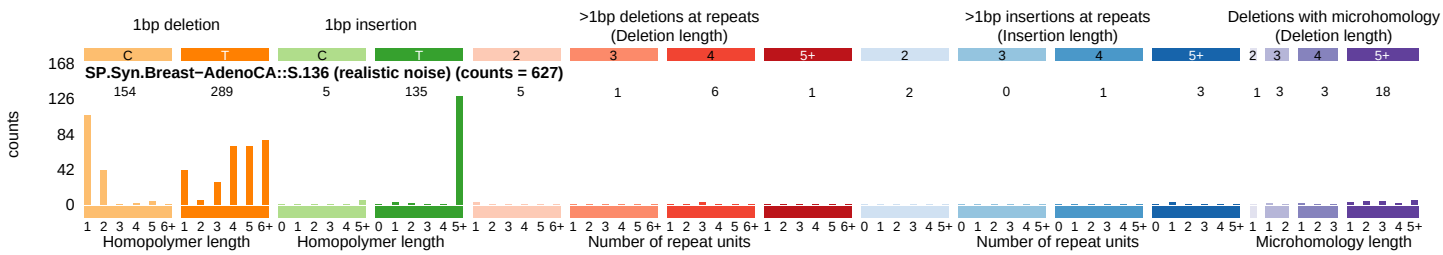
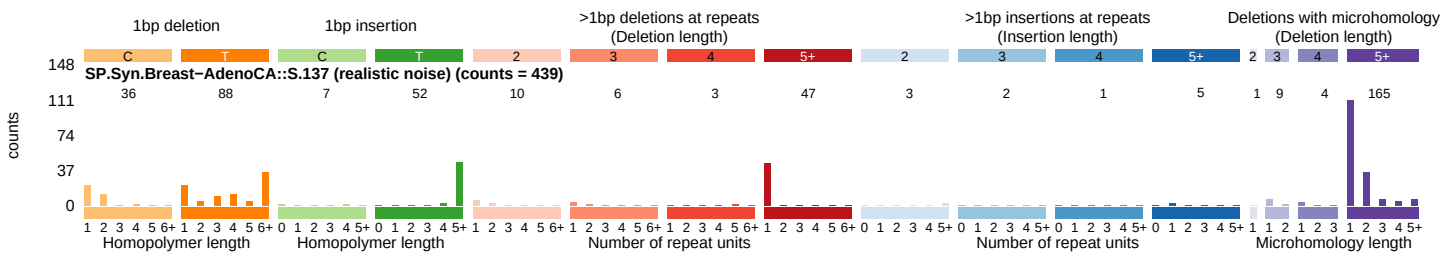
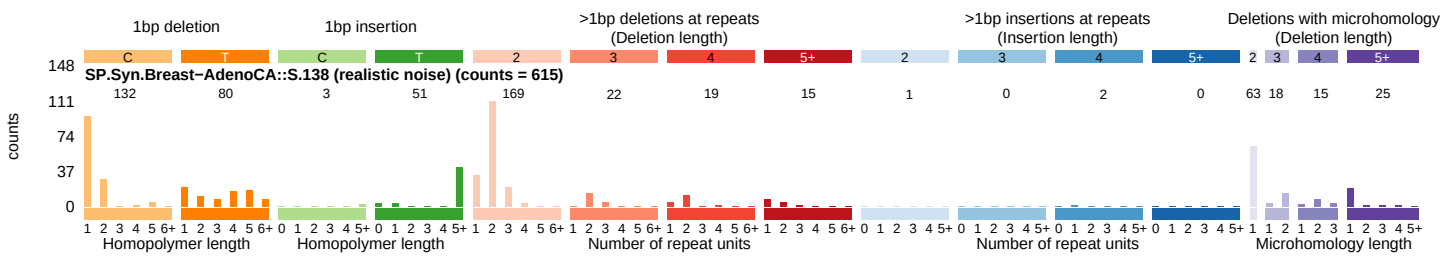
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.133 (realistic noise) (counts = 286)
48 54 1 83 1 1 1 24 1 0 0 2 0 2 3 65
counts
Homopolymer length
Number of repeat units
Microhomology length

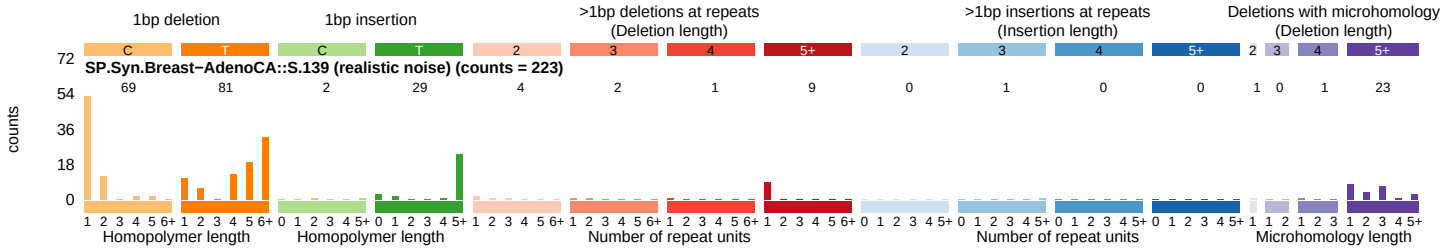

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.134 (realistic noise) (counts = 1084)
82 123 3 146 100 32 33 92 5 2 2 11 25 24 27 377
counts
Homopolymer length
Number of repeat units
Microhomology length

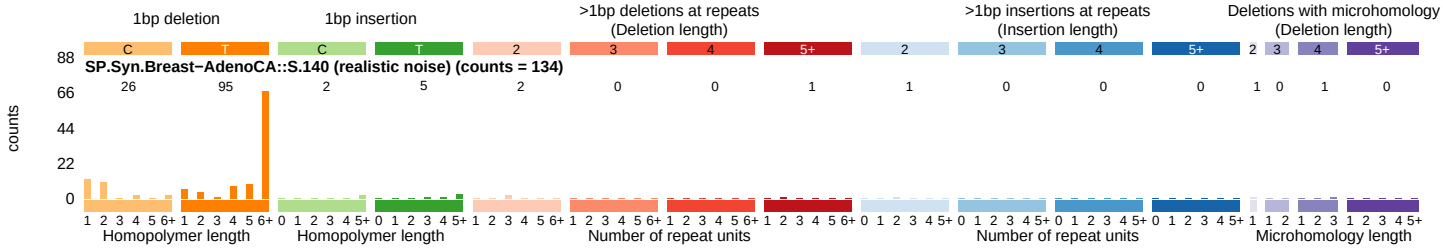

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.135 (realistic noise) (counts = 161)
46 32 1 69 2 2 1 0 4 0 0 2 1 1 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

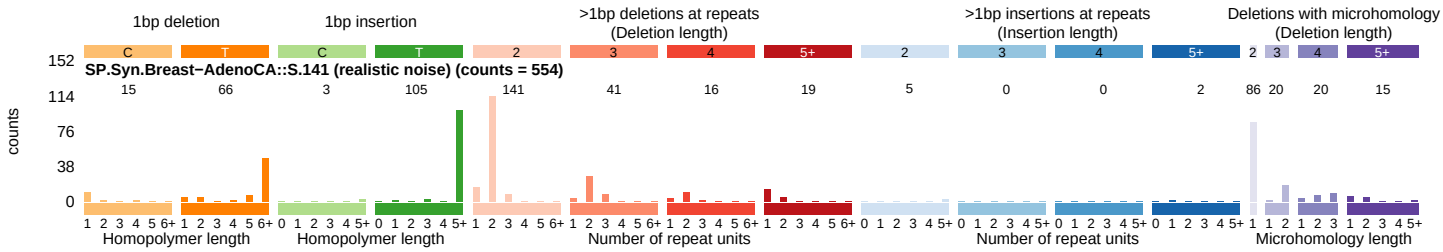

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.136 (realistic noise) (counts = 627)
154 289 5 135 5 1 6 1 2 0 1 3 1 3 3 18
counts
Homopolymer length
Number of repeat units
Microhomology length

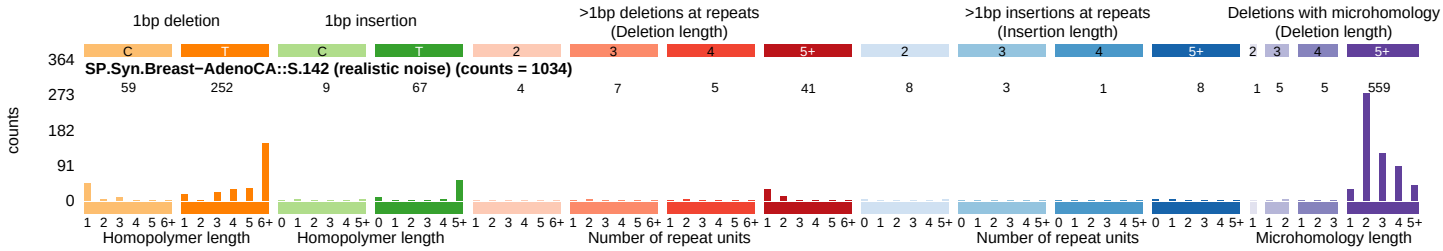

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.137 (realistic noise) (counts = 439)
36 88 7 52 10 6 3 47 3 2 1 5 1 9 4 165
counts
Homopolymer length
Number of repeat units
Microhomology length

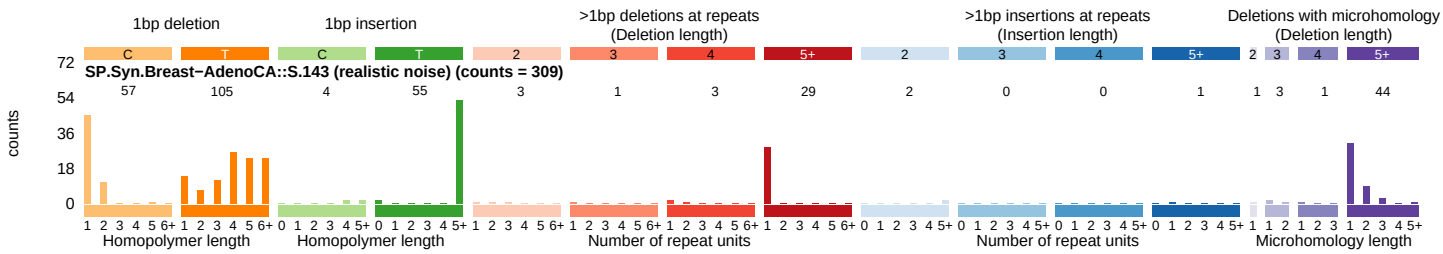

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.138 (realistic noise) (counts = 615)
132 80 3 51 169 22 19 15 1 0 2 0 63 18 15 25
counts
Homopolymer length
Number of repeat units
Microhomology length

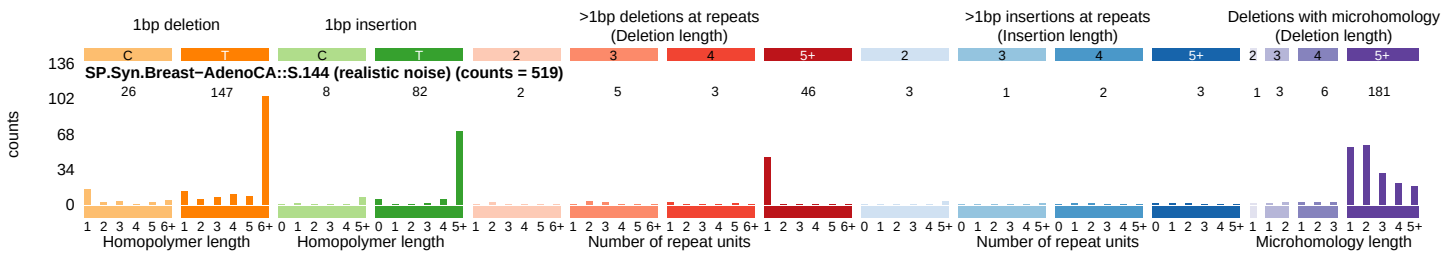

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.139 (realistic noise) (counts = 223)
69 81 2 29 4 2 1 9 0 1 0 0 1 0 1 23
counts
Homopolymer length
Number of repeat 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.140 (realistic noise) (counts = 134)
26 95 2 5 2 0 0 1 1 0 0 0 1 0 1 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 (realistic noise) (counts = 554)
15 66 3 105 141 41 16 19 5 0 0 2 86 20 20 15
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.142 (realistic noise) (counts = 1034)
59 252 9 67 4 7 5 41 8 3 1 8 1 5 5 559
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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 (realistic noise) (counts = 309)
57 105 4 55 3 1 3 29 2 0 0 1 1 3 1 44
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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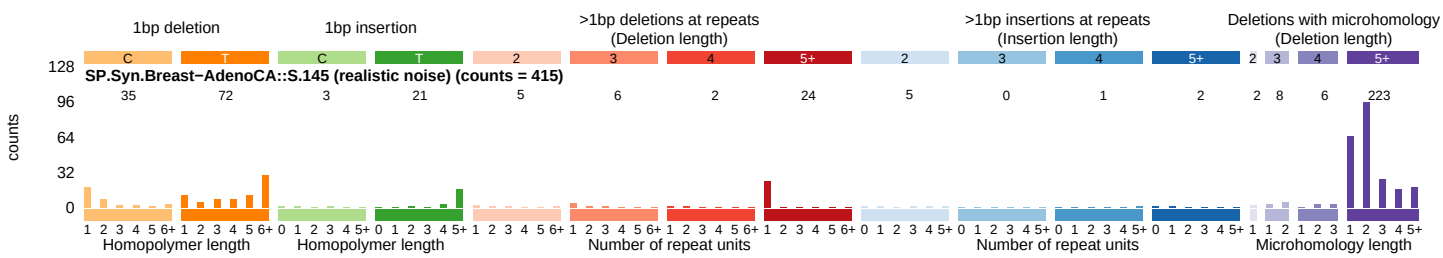
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.144 (realistic noise) (counts = 519)
26 147 8 82 2 5 3 46 3 1 2 3 1 3 6 181
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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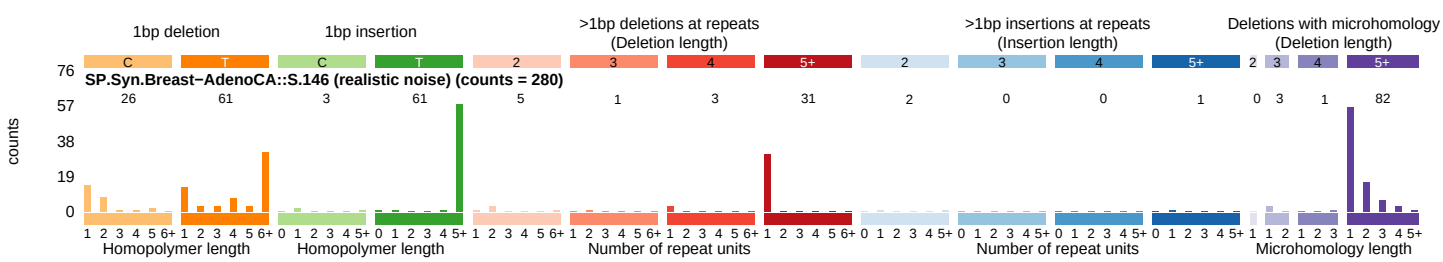
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.145 (realistic noise) (counts = 415)
35 72 3 21 5 6 2 24 5 0 1 2 2 8 6 223
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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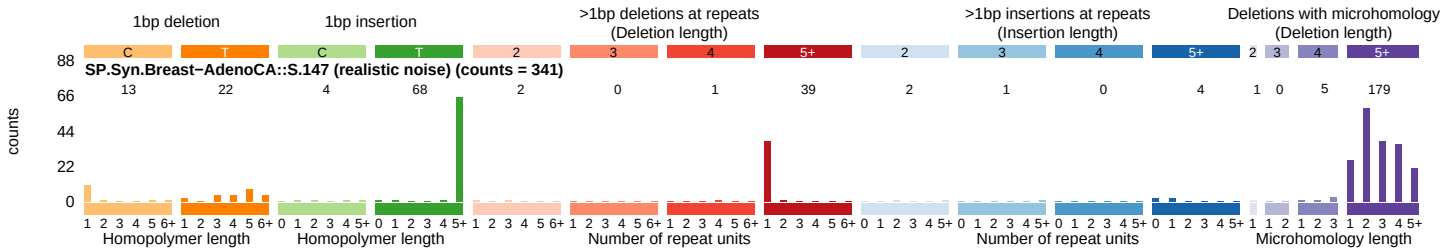
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.146 (realistic noise) (counts = 280)
26 61 3 61 5 1 3 31 2 0 0 1 0 3 1 82
counts
Homopolymer length
Number of repeat units
Microhomology length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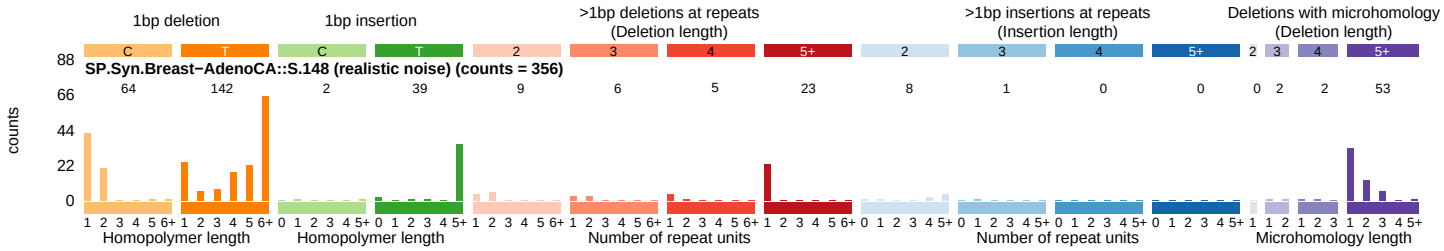
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.147 (realistic noise) (counts = 341)
13 22 4 68 2 0 1 39 2 1 0 4 1 0 5 179
counts
Homopolymer length
Number of repeat units
Microhomology length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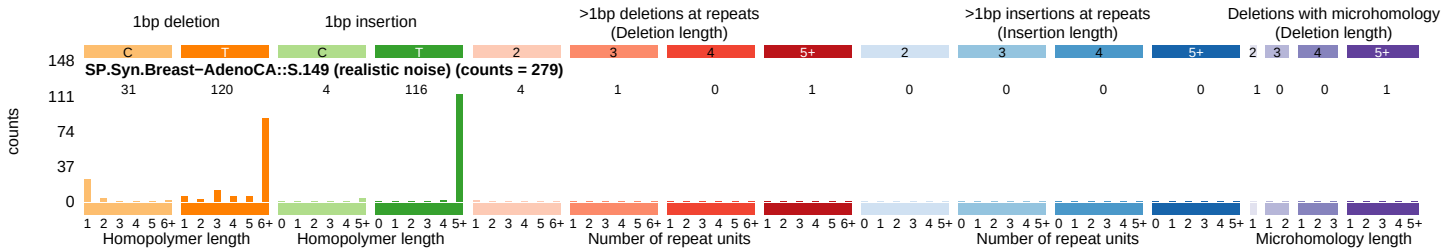
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.148 (realistic noise) (counts = 356)
64 142 2 39 9 6 5 23 8 1 0 0 0 2 2 53
counts
Homopolymer length
Number of repeat units
Microhomology length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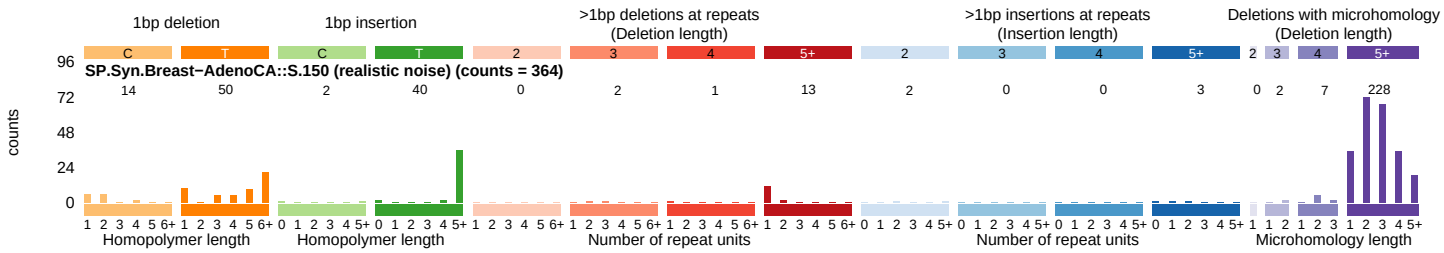
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.149 (realistic noise) (counts = 279)
31 120 4 116 4 1 0 1 0 0 0 0 1 0 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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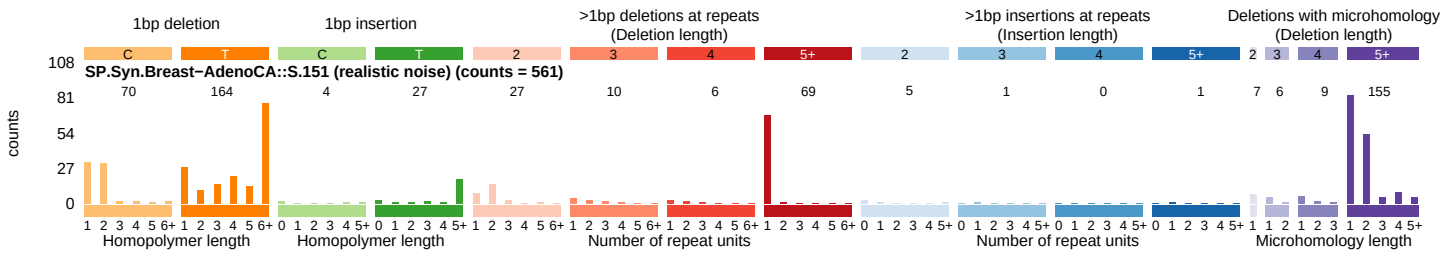
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.150 (realistic noise) (counts = 364)
14 50 2 40 0 2 1 13 2 0 0 3 0 2 7 228
counts
Homopolymer length
Number of repeat units
Microhomology length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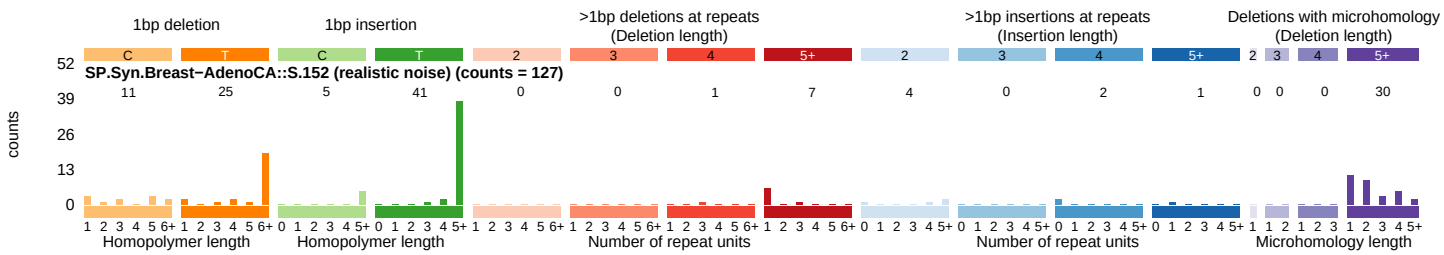
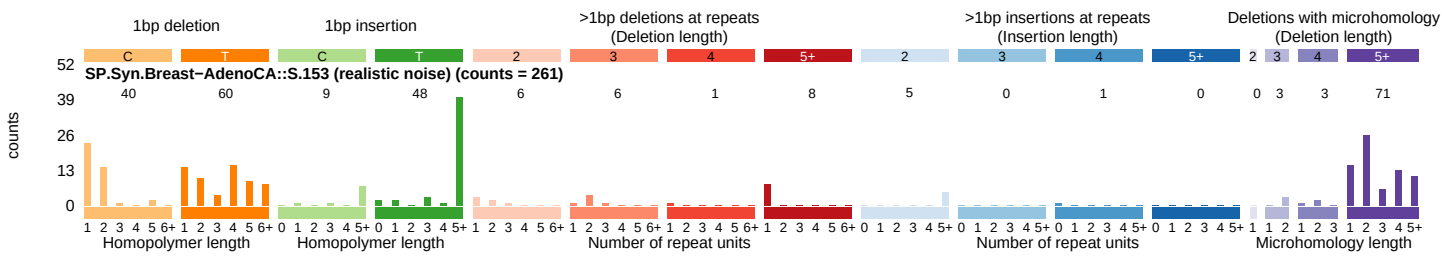
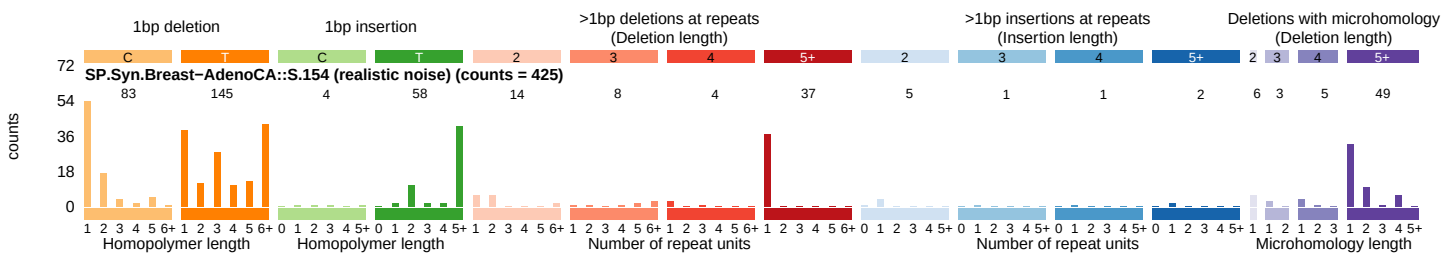
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.151 (realistic noise) (counts = 561)
70 164 4 27 27 10 6 69 5 1 0 1 7 6 9 155
counts
Homopolymer length
Number of repeat units
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.Breast−AdenoCA::S.152 (realistic noise) (counts = 127)
11 25 5 41 0 0 1 7 4 0 2 1 0 0 0 30
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.153 (realistic noise) (counts = 261)
40 60 9 48 6 6 1 8 5 0 1 0 0 3 3 71
counts
Homopolymer length
Number of repeat units
Microhomology length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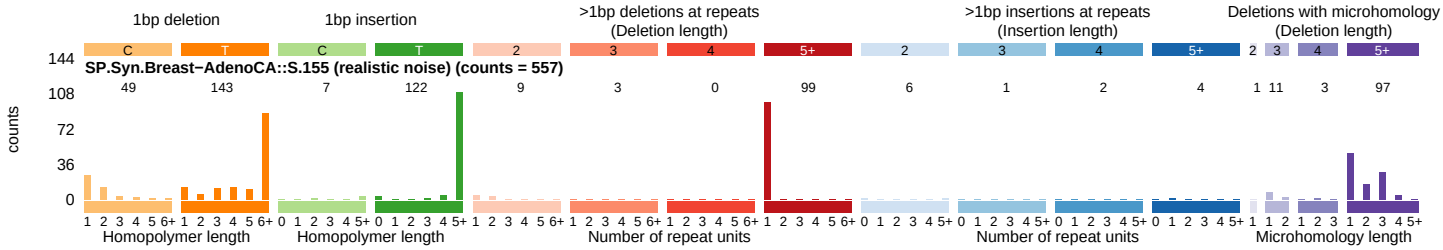
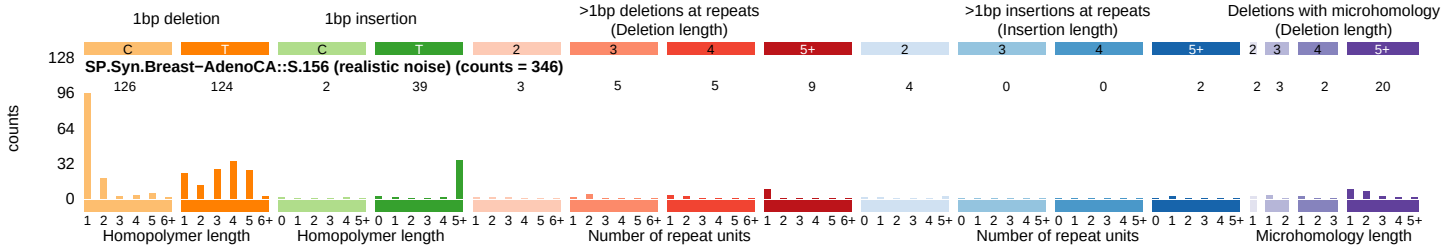
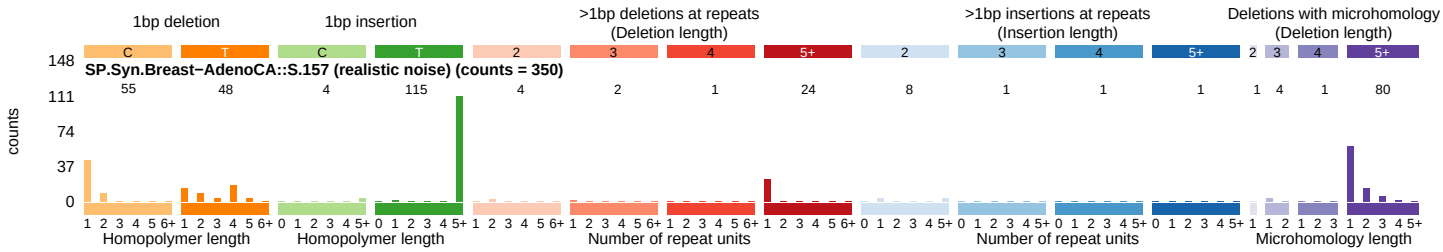
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.154 (realistic noise) (counts = 425)
83 145 4 58 14 8 4 37 5 1 1 2 6 3 5 49
counts
Homopolymer length
Number of repeat units
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.Breast−AdenoCA::S.155 (realistic noise) (counts = 557)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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 (realistic noise) (counts = 346)
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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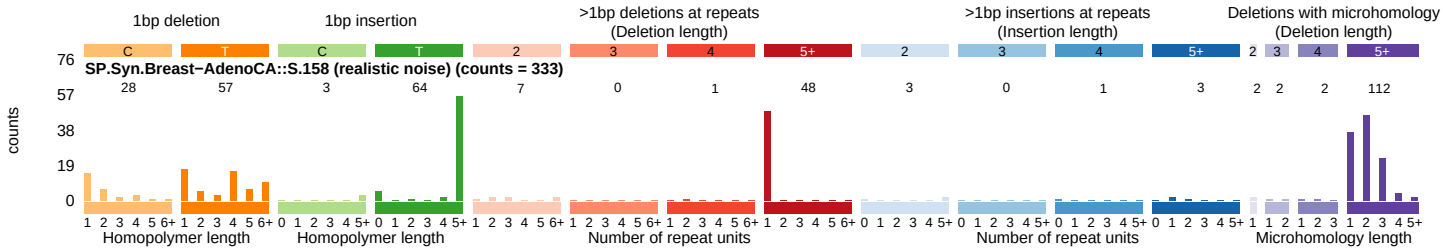
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.157 (realistic noise) (counts = 350)
counts
Homopolymer length
Number of repeat units
Microhomology length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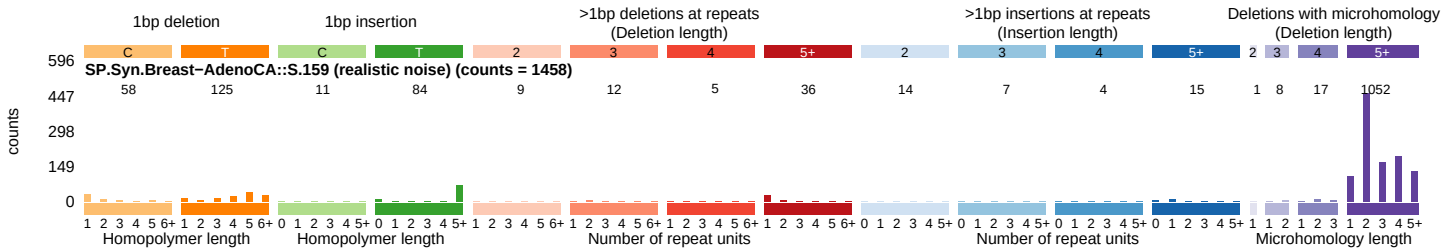
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.158 (realistic noise) (counts = 333)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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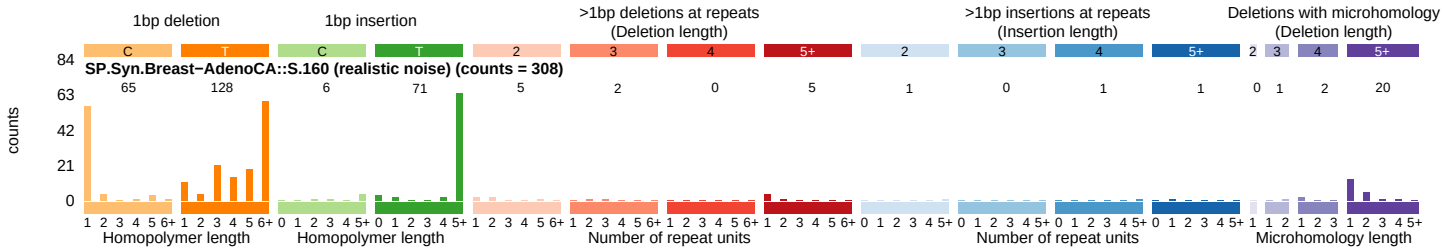
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.159 (realistic noise) (counts = 1458)
counts
Homopolymer length
Number of repeat units
Microhomology length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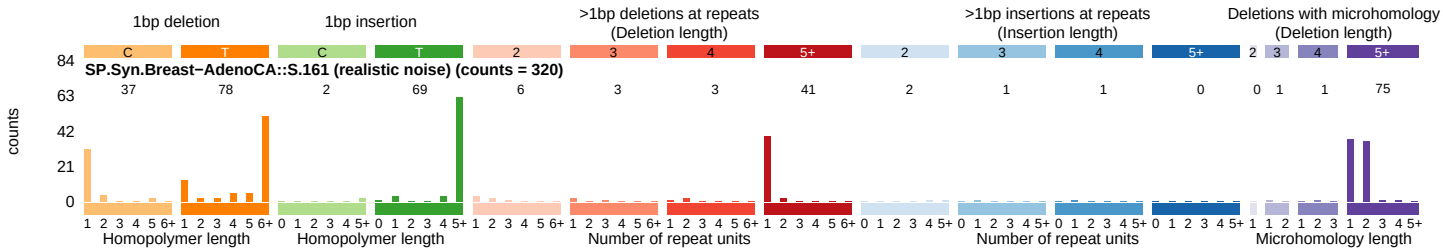
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.160 (realistic noise) (counts = 308)
counts
Homopolymer length
Number of repeat units
Microhomology length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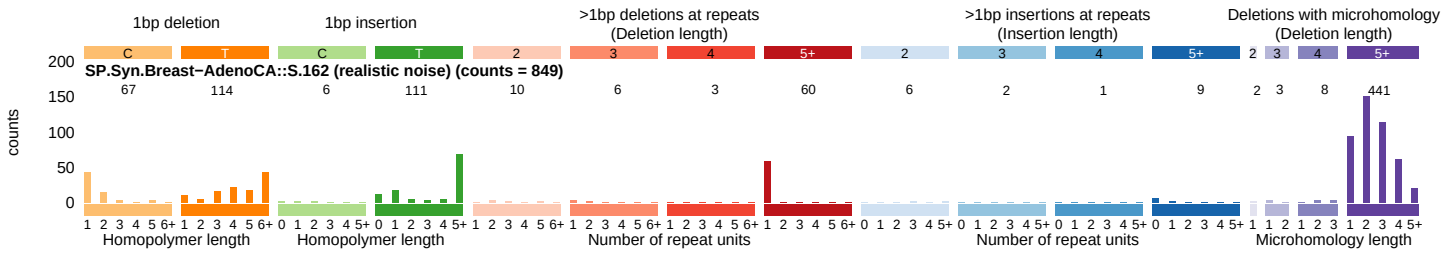
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.161 (realistic noise) (counts = 320)
counts
Homopolymer length
Number of repeat units
Microhomology length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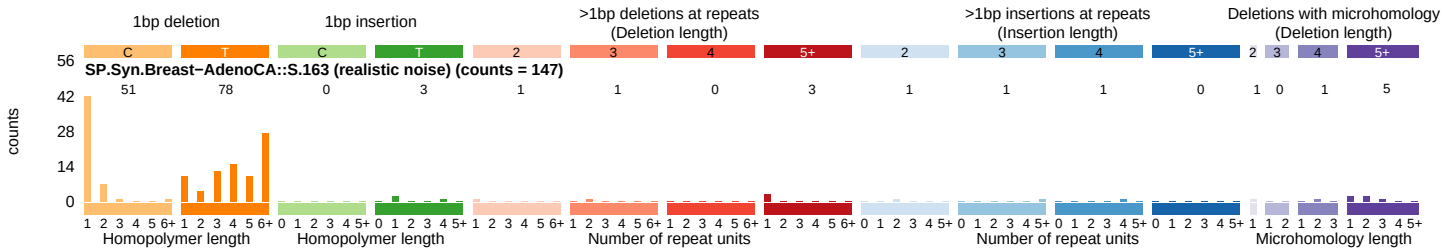
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.162 (realistic noise) (counts = 849)
counts
Homopolymer length
Number of repeat units
Microhomology length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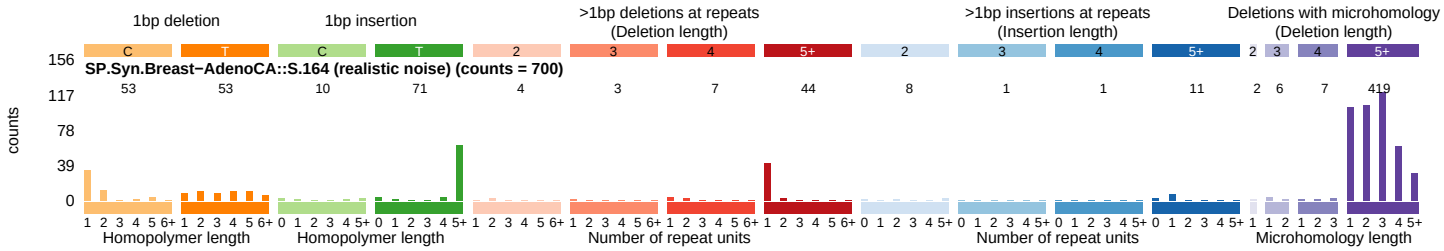
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.163 (realistic noise) (counts = 147)
counts
Homopolymer length
Number of repeat units
Microhomology length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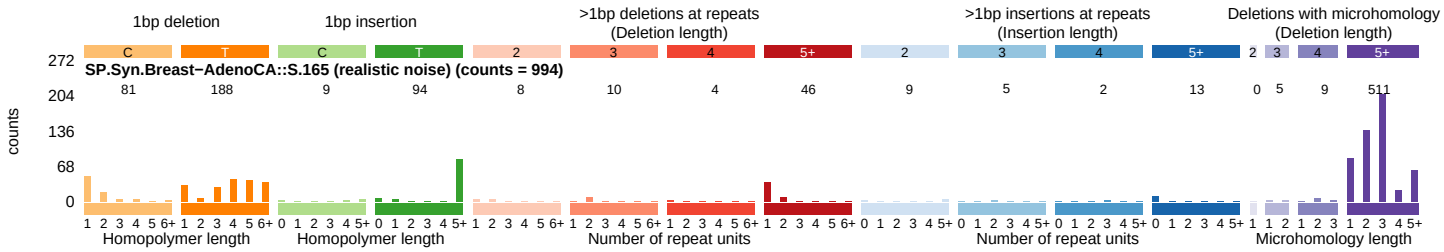
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.164 (realistic noise) (counts = 700)
counts
Homopolymer length
Number of repeat units
Microhomology length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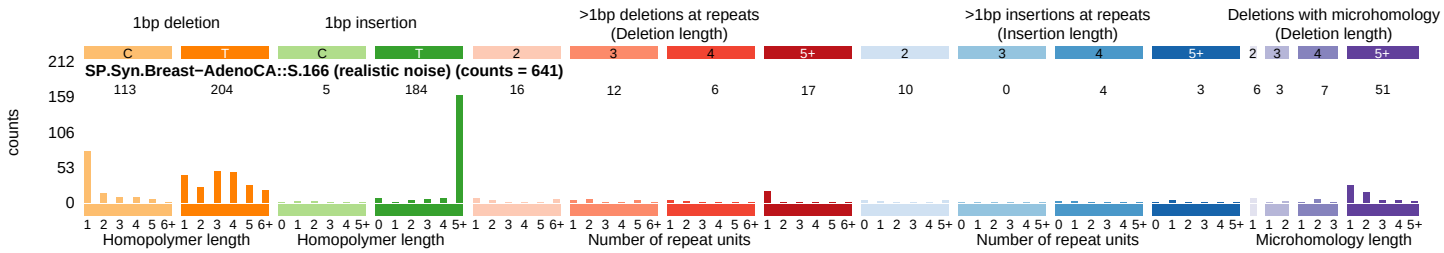
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.165 (realistic noise) (counts = 994)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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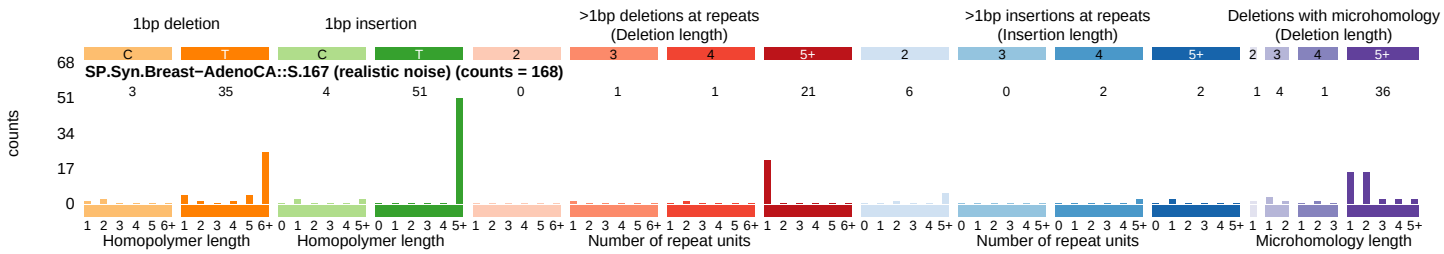
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.166 (realistic noise) (counts = 641)
counts
Homopolymer length
Number of repeat units
Microhomology length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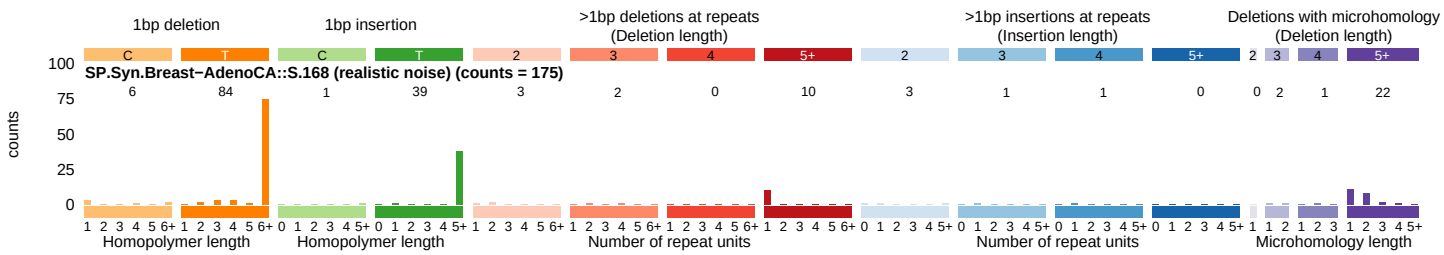
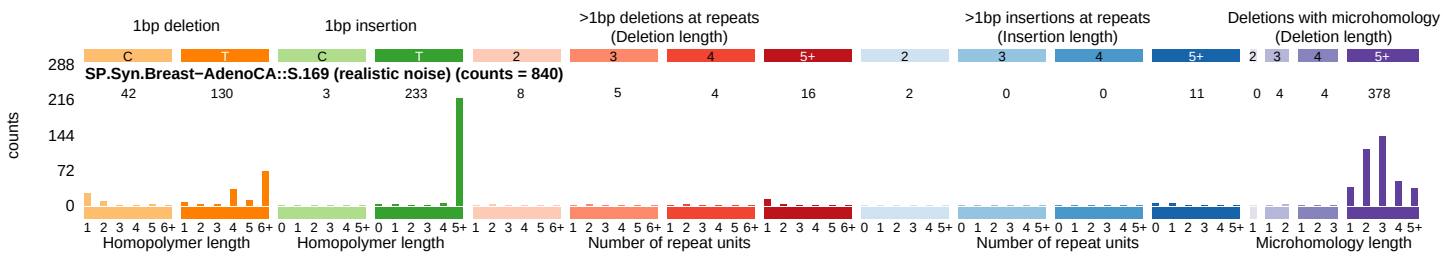
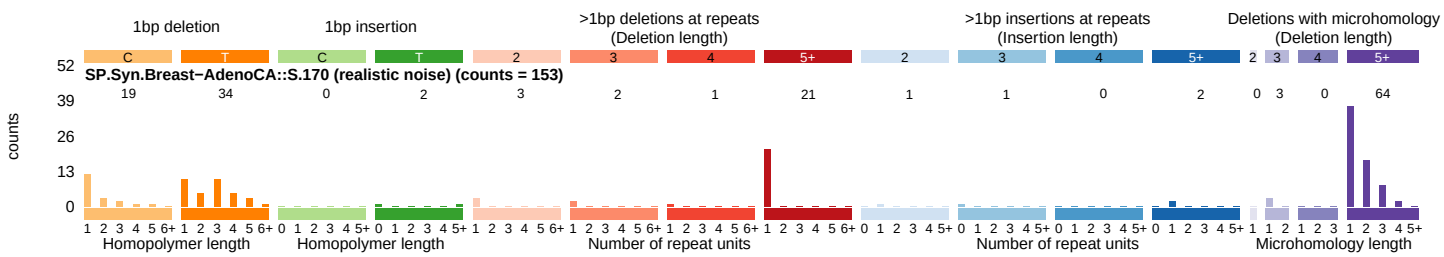
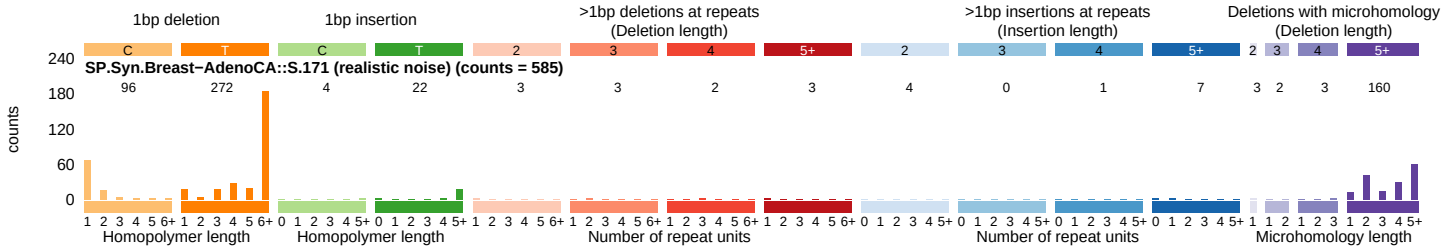
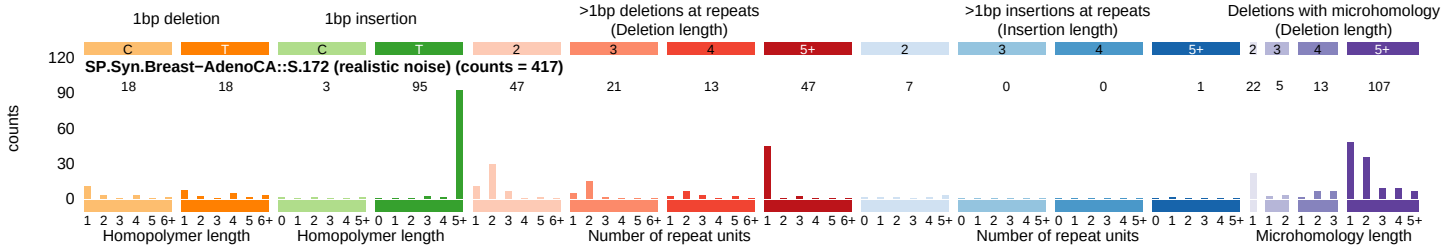
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.167 (realistic noise) (counts = 168)
counts
Homopolymer length
Number of repeat units
Microhomology length

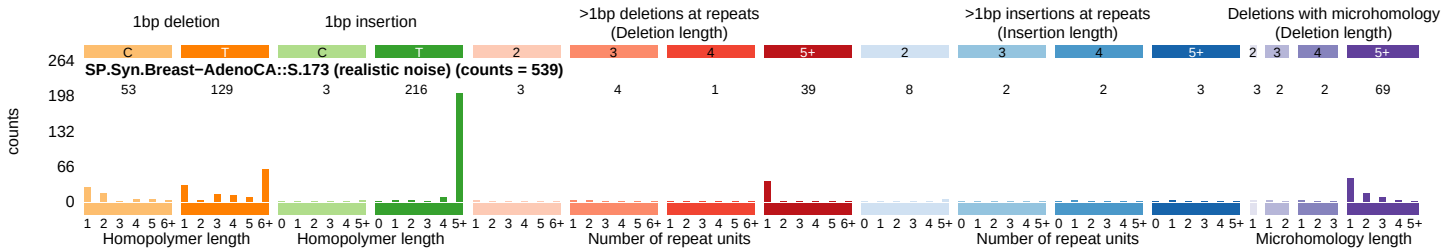

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.168 (realistic noise) (counts = 175)
counts
Homopolymer length
Number of repeat units
Microhomology length

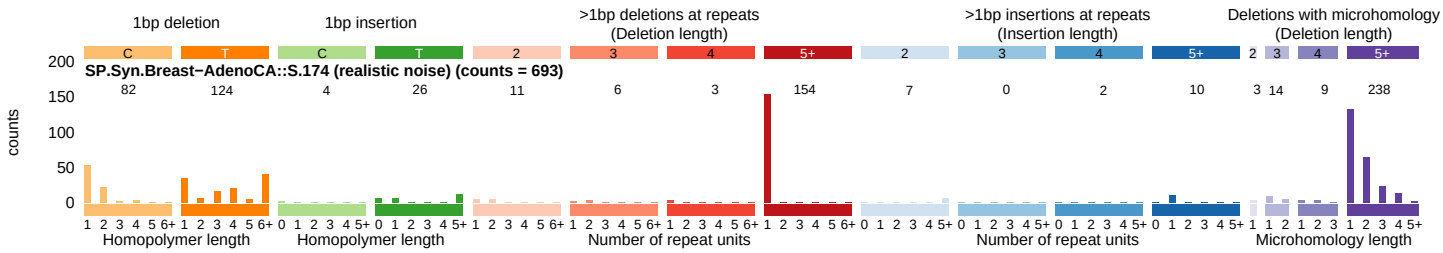

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.169 (realistic noise) (counts = 840)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.170 (realistic noise) (counts = 153)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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 (realistic noise) (counts = 585)
96 272 4 22 3 3 2 3 4 0 1 7 3 2 3 160
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.Breast−AdenoCA::S.172 (realistic noise) (counts = 417)
18 18 3 95 47 21 13 47 7 0 0 1 22 5 13 107
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.Breast−AdenoCA::S.173 (realistic noise) (counts = 539)
53 129 3 216 3 4 1 39 8 2 2 3 3 2 2 69
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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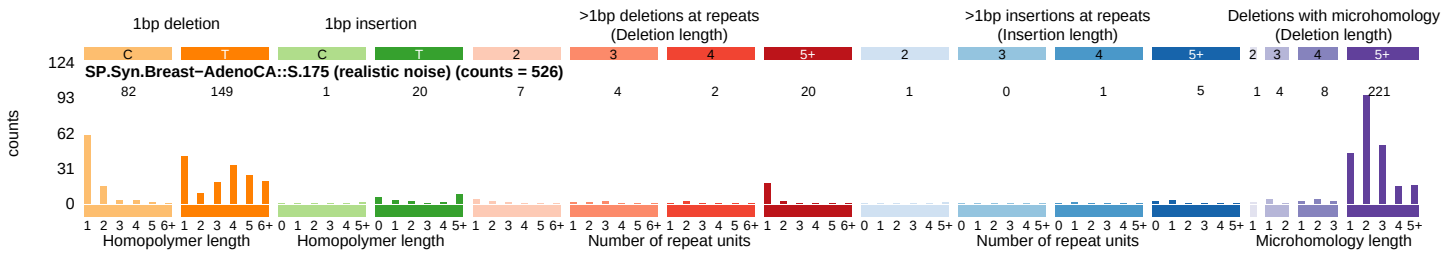
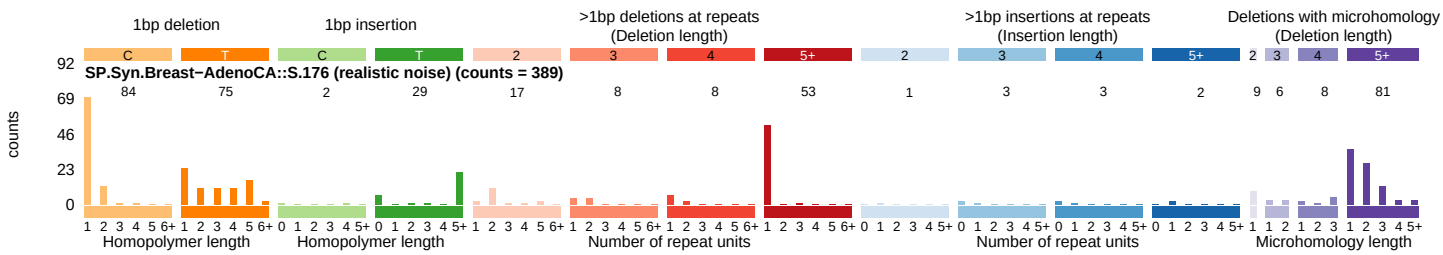
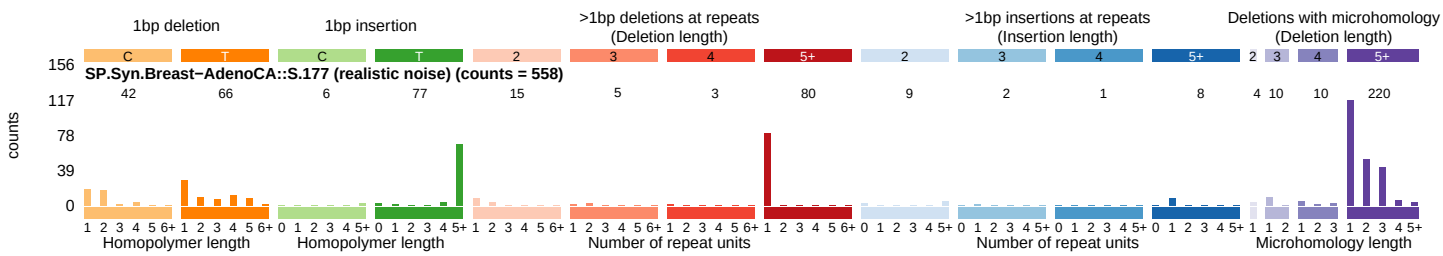
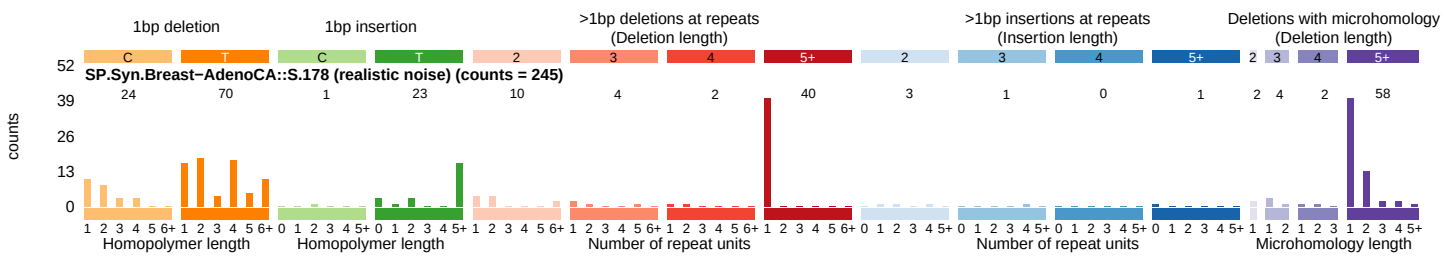
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.174 (realistic noise) (counts = 693)
82 124 4 26 11 6 3 154 7 0 2 10 3 14 9 238
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.175 (realistic noise) (counts = 526)
82 149 1 20 7 4 2 20 1 0 1 5 1 4 8 221
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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 (realistic noise) (counts = 389)
84 75 2 29 17 8 8 53 1 3 3 2 9 6 8 81
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.177 (realistic noise) (counts = 558)
42 66 6 77 15 5 3 80 9 2 1 8 4 10 10 220
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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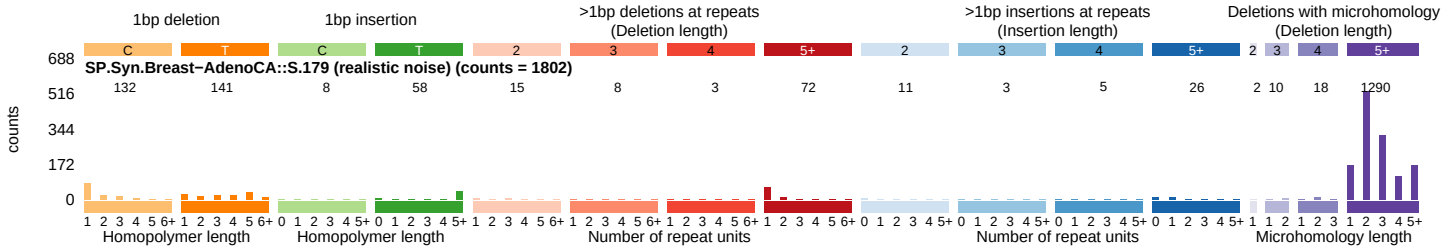
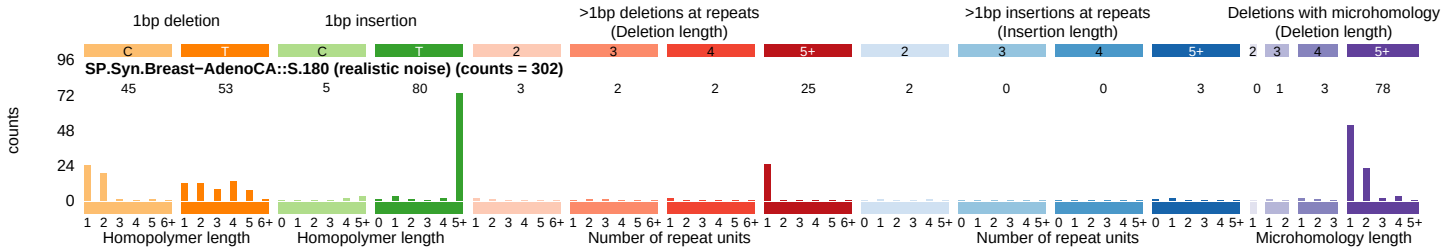
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.178 (realistic noise) (counts = 245)
24 70 1 23 10 4 2 40 3 1 0 1 2 4 2 58
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.179 (realistic noise) (counts = 1802)
132 141 8 58 15 8 3 72 11 3 5 26 2 10 18 1290
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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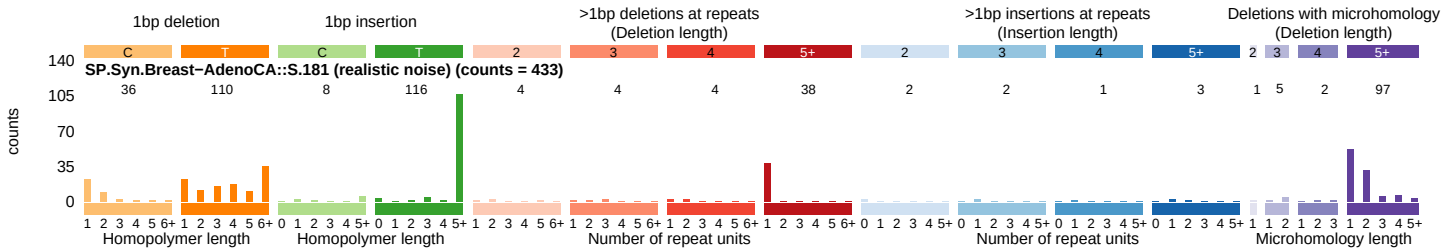
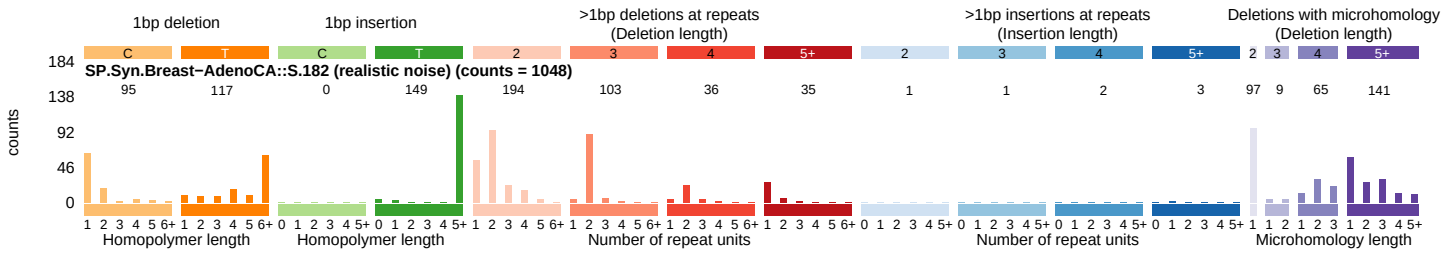
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.180 (realistic noise) (counts = 302)
45 53 5 80 3 2 2 25 2 0 0 3 0 1 3 78
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.181 (realistic noise) (counts = 433)
36 110 8 116 4 4 4 38 2 2 1 3 1 5 2 97
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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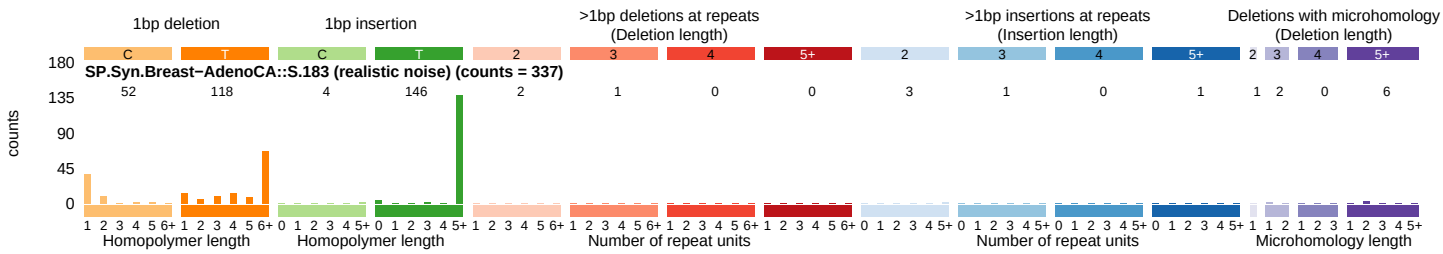
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.182 (realistic noise) (counts = 1048)
95 117 0 149 194 103 36 35 1 1 2 3 97 9 65 141
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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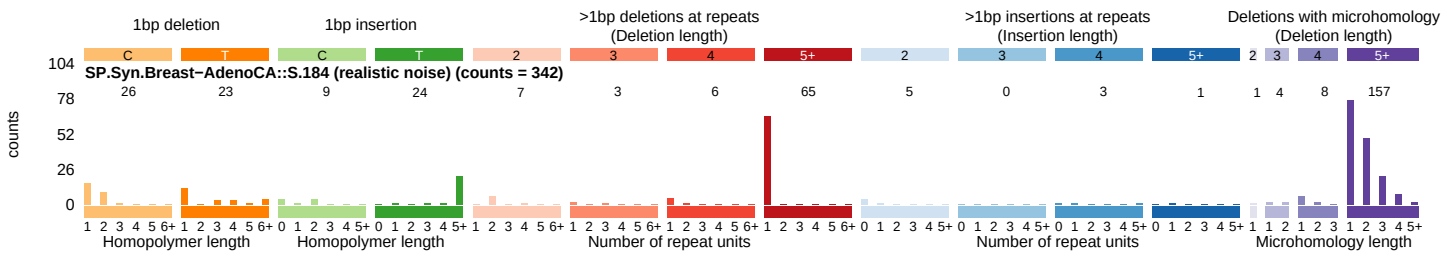
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.183 (realistic noise) (counts = 337)
52 118 4 146 2 1 0 0 3 1 0 1 1 2 0 6
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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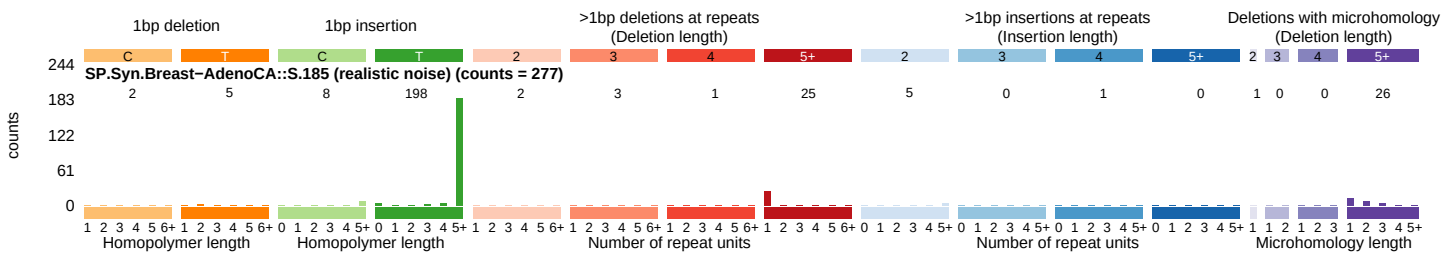
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.184 (realistic noise) (counts = 342)
26 23 9 24 7 3 6 65 5 0 3 1 1 4 8 157
counts
Homopolymer length
Number of repeat units
Microhomology length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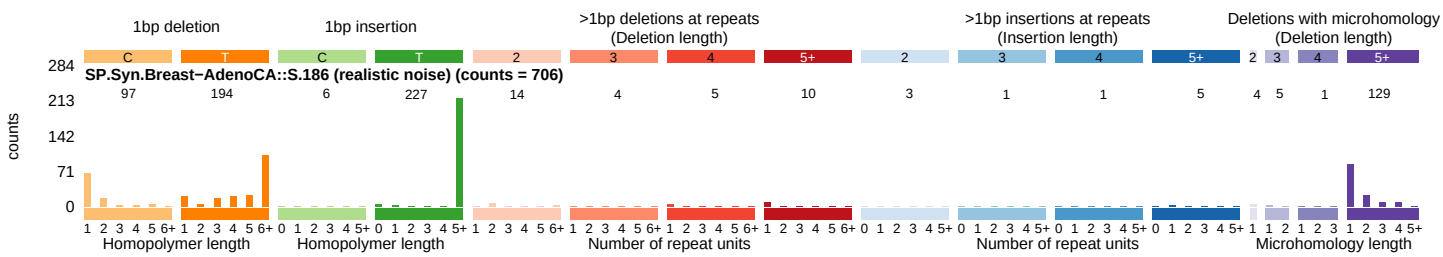
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.185 (realistic noise) (counts = 277)
2 5 8 198 2 3 1 25 5 0 1 0 1 0 0 26
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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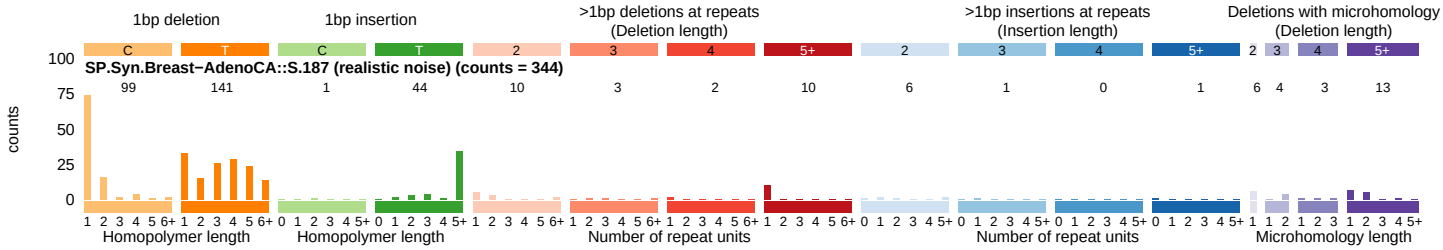
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.186 (realistic noise) (counts = 706)
97 194 6 227 14 4 5 10 3 1 1 5 4 5 1 129
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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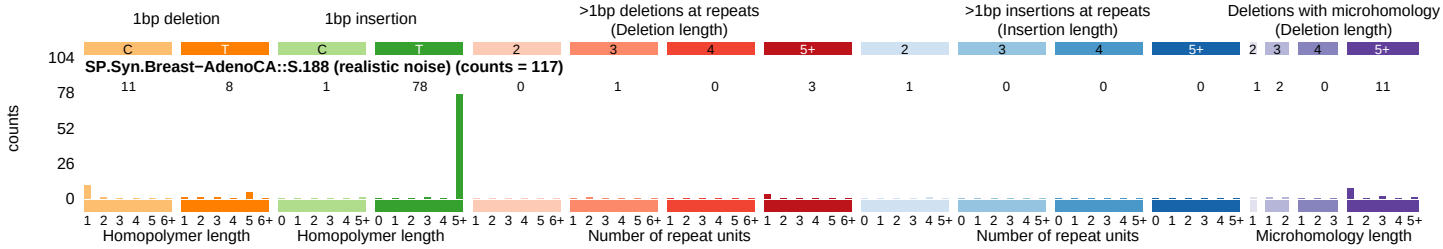
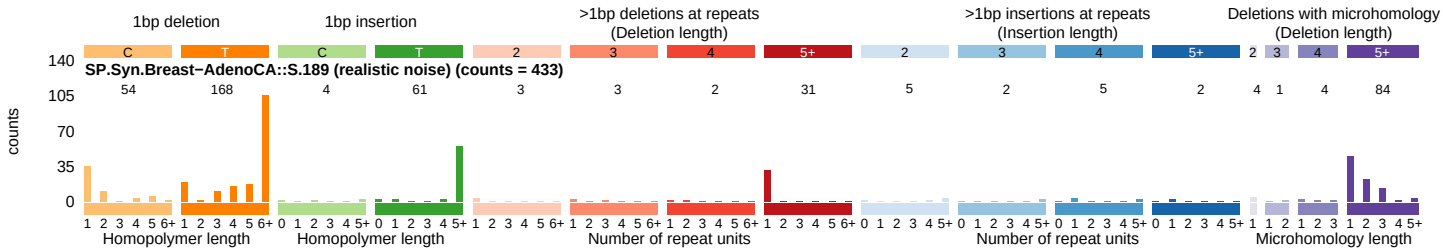
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.187 (realistic noise) (counts = 344)
99 141 1 44 10 3 2 10 6 1 0 1 6 4 3 13
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.188 (realistic noise) (counts = 117)
11 8 1 78 0 1 0 3 1 0 0 0 1 2 0 11
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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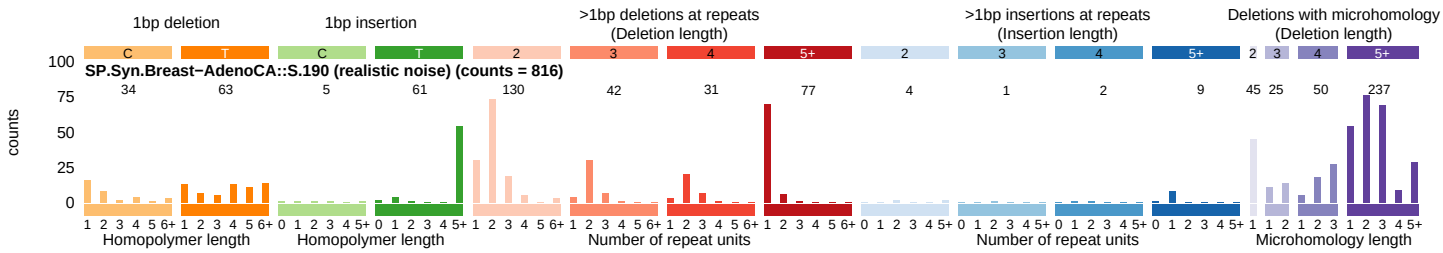
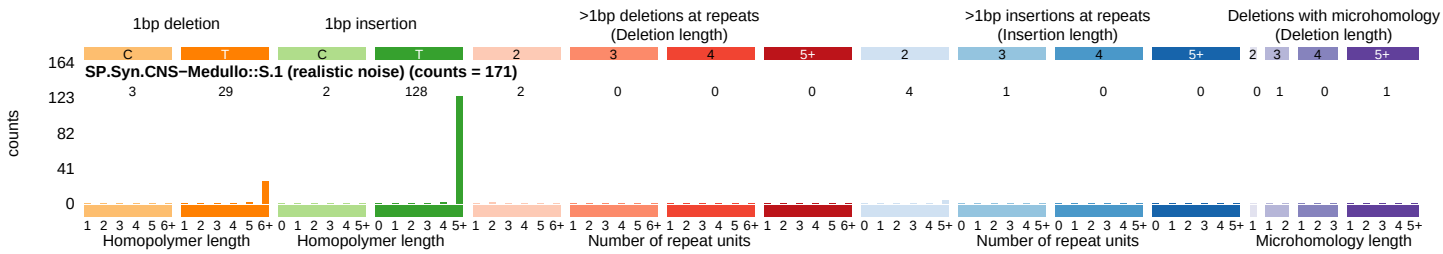
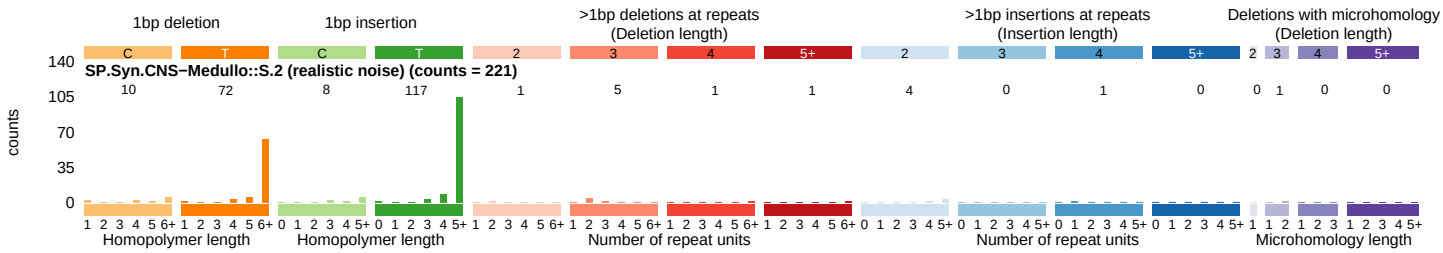
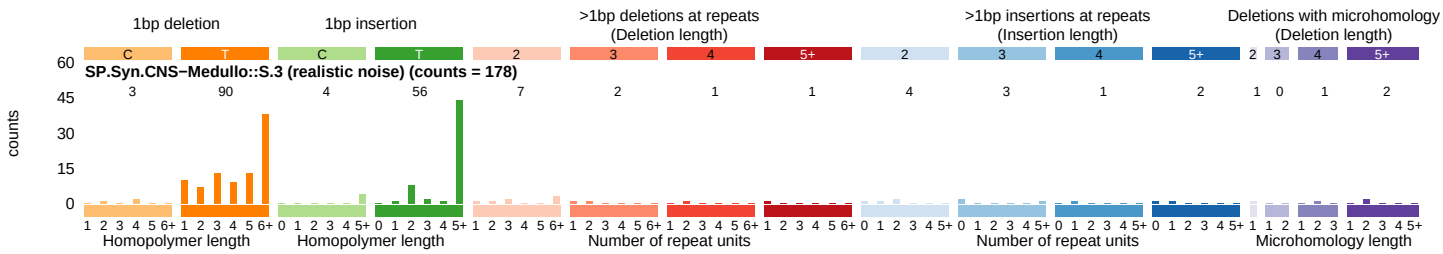
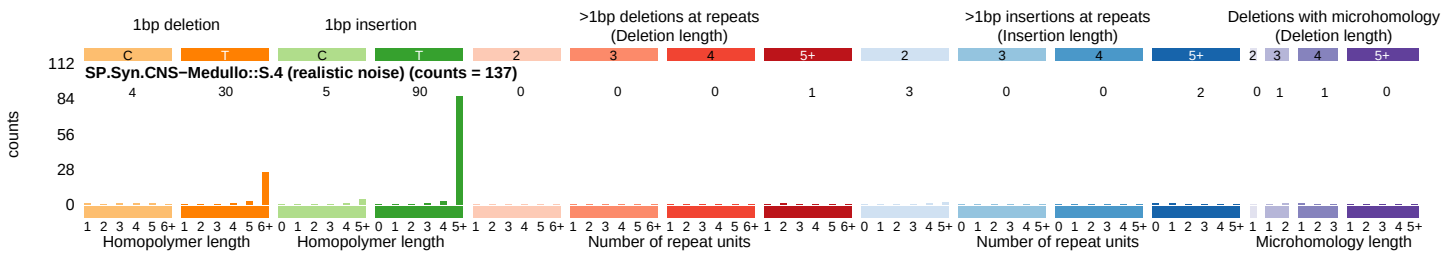
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.189 (realistic noise) (counts = 433)
54 168 4 61 3 3 2 31 5 2 5 2 4 1 4 84
counts
Homopolymer length
Number of repeat units
Microhomology length

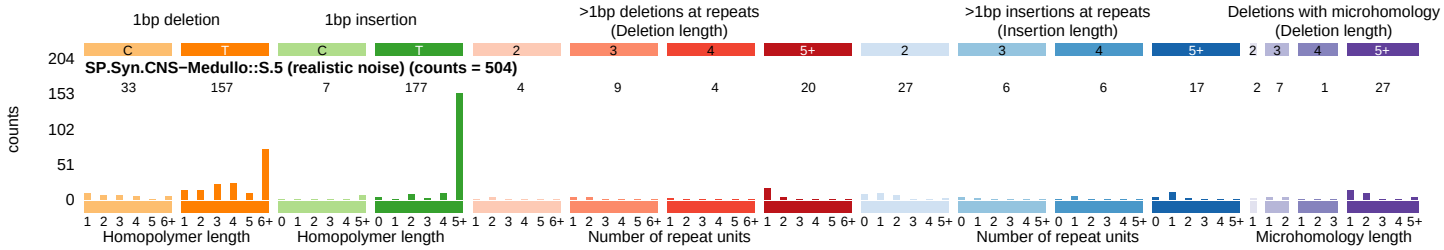

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.190 (realistic noise) (counts = 816)
34 63 5 61 130 42 31 77 4 1 2 9 45 25 50 237
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 171)
3 29 2 128 2 0 0 0 4 1 0 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.CNS−Medullo::S.2 (realistic noise) (counts = 221)
10 72 8 117 1 5 1 1 4 0 1 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 (realistic noise) (counts = 178)
3 90 4 56 7 2 1 1 4 3 1 2 1 0 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.CNS−Medullo::S.4 (realistic noise) (counts = 137)
4 30 5 90 0 0 0 1 3 0 0 2 0 1 1 0
counts
Homopolymer length
Number of repeat units
Microhomology length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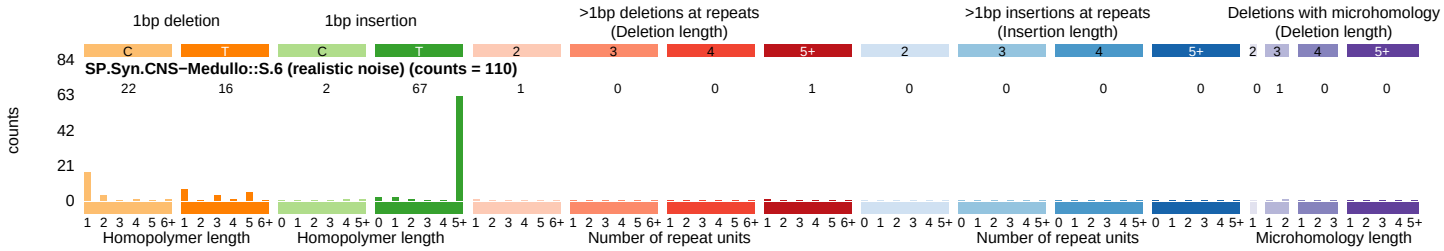
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.5 (realistic noise) (counts = 504)
counts
Homopolymer length
Number of repeat units
Microhomology length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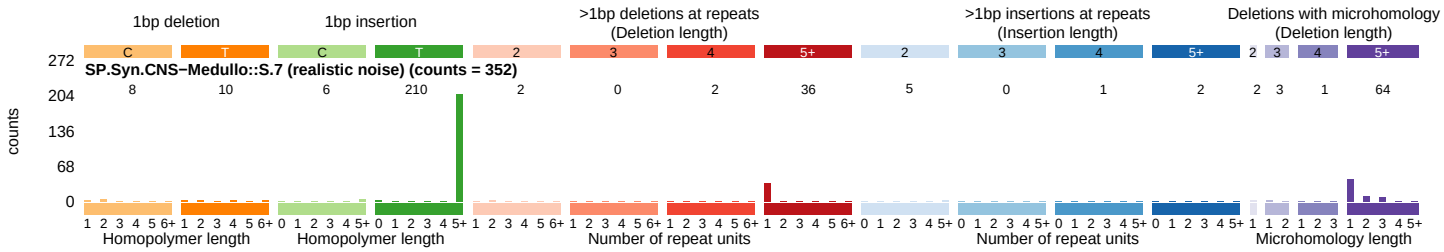
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.6 (realistic noise) (counts = 110)
counts
Homopolymer length
Number of repeat units
Microhomology length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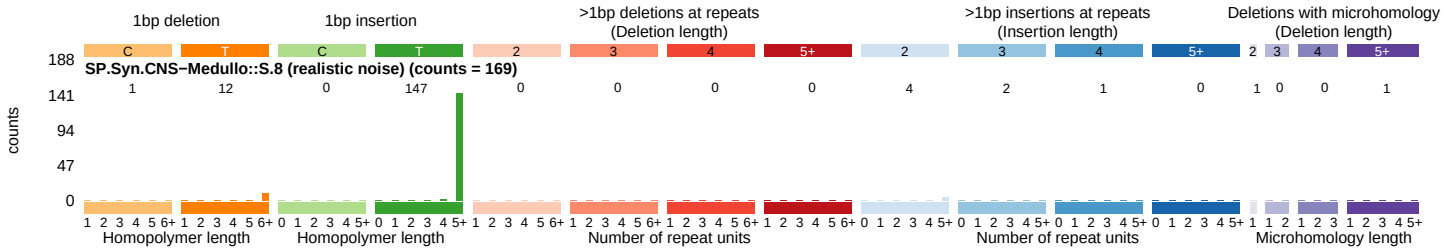
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.7 (realistic noise) (counts = 352)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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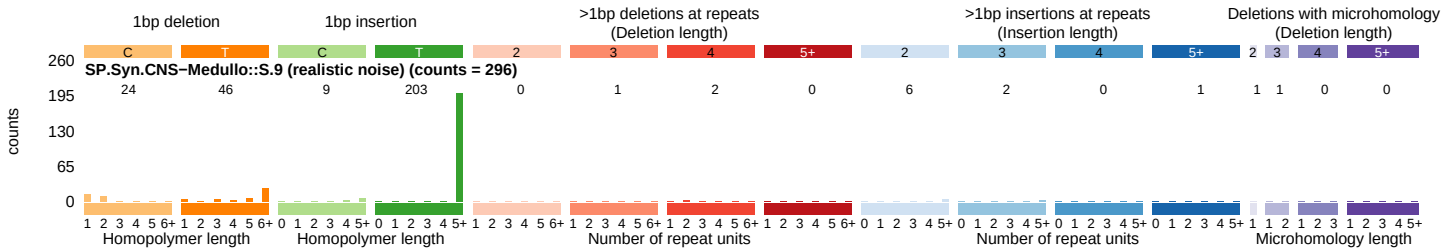
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.8 (realistic noise) (counts = 169)
counts
Homopolymer length
Number of repeat units
Microhomology length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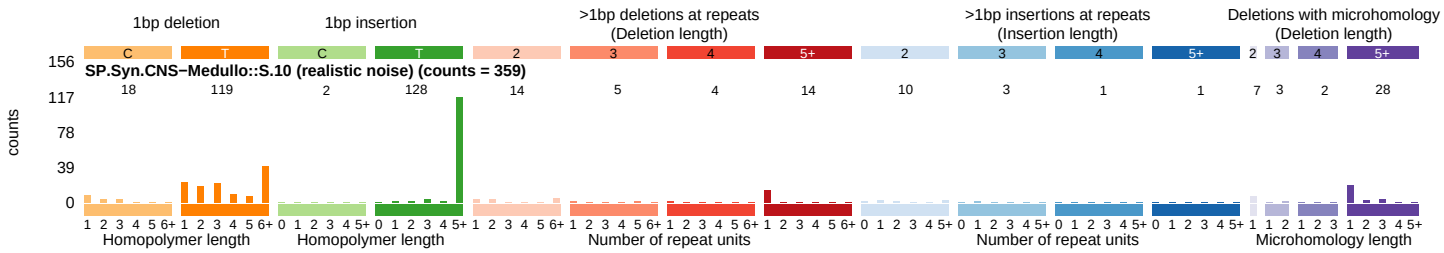
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.9 (realistic noise) (counts = 296)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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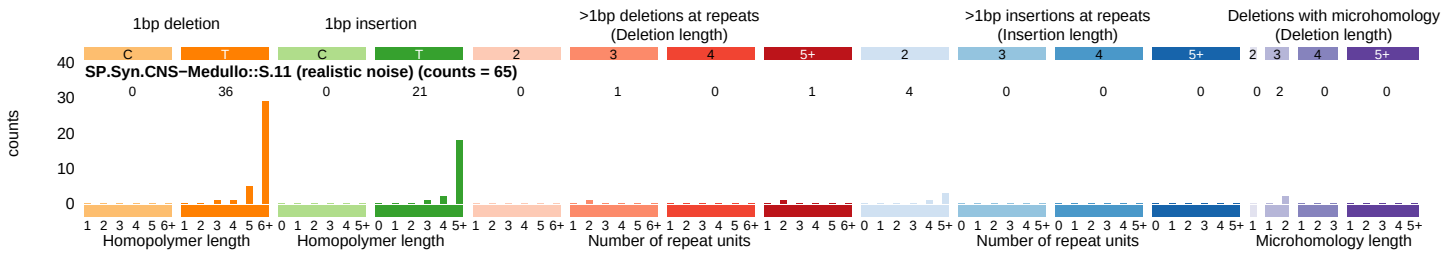
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.10 (realistic noise) (counts = 359)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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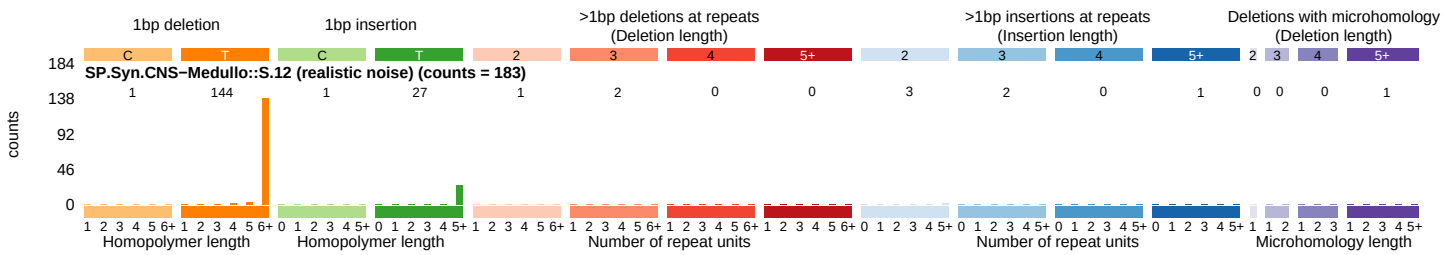
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.11 (realistic noise) (counts = 65)
counts
Homopolymer length
Number of repeat units
Microhomology length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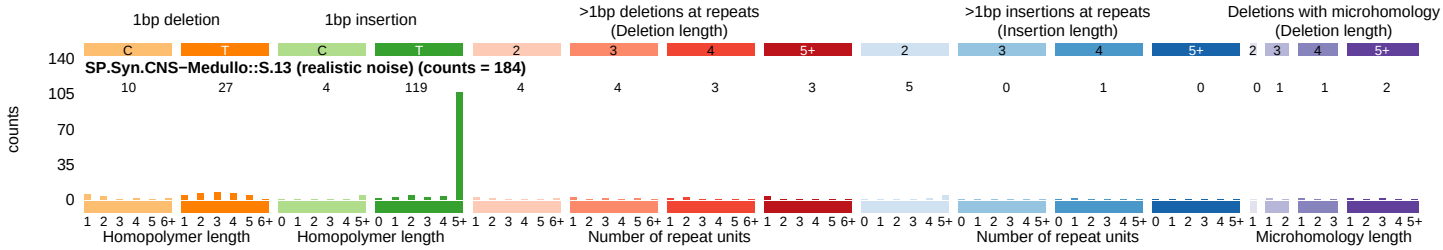
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.12 (realistic noise) (counts = 183)
counts
Homopolymer length
Number of repeat units
Microhomology length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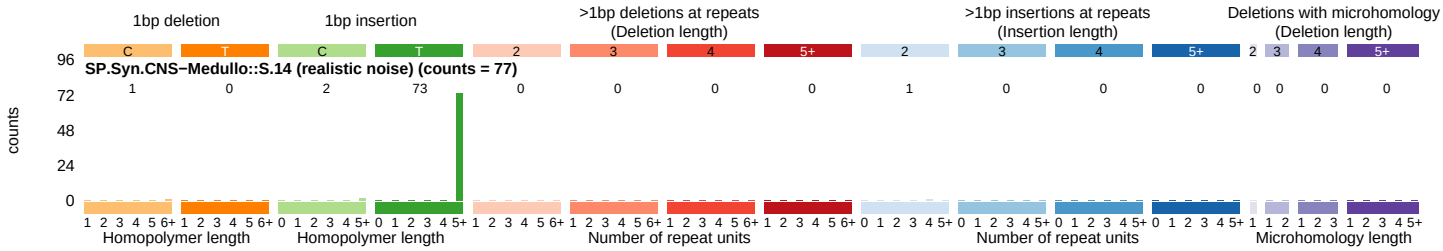
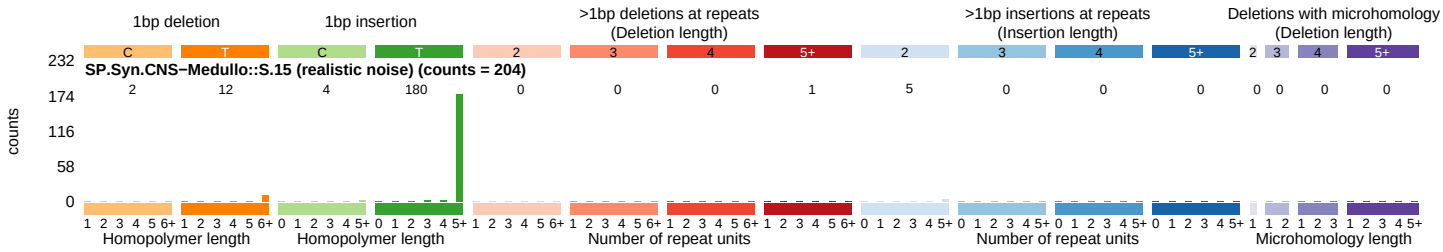
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.13 (realistic noise) (counts = 184)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.14 (realistic noise) (counts = 77)
counts
Homopolymer length
Number of repeat units
Microhomology length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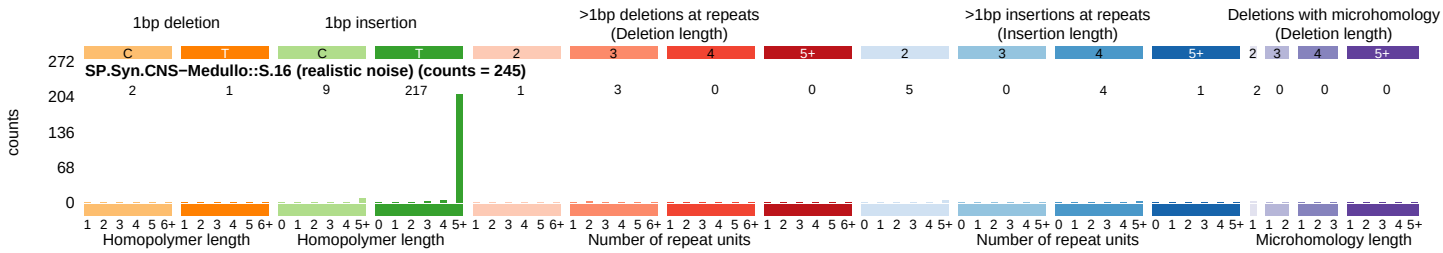
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.15 (realistic noise) (counts = 204)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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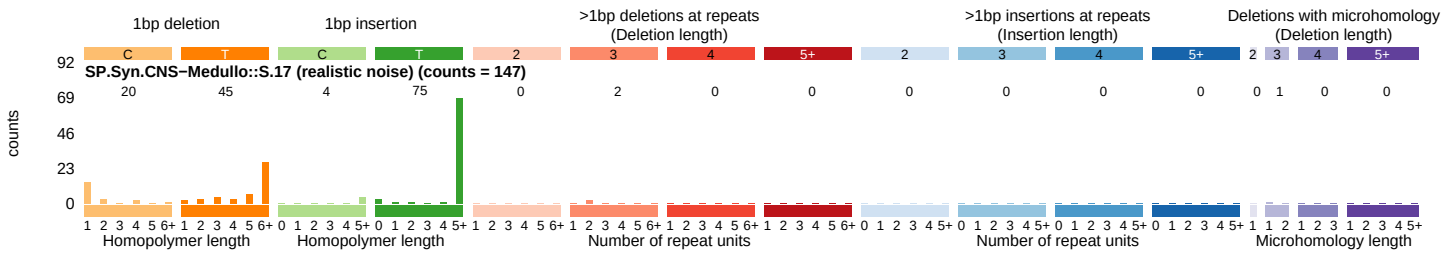
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.16 (realistic noise) (counts = 245)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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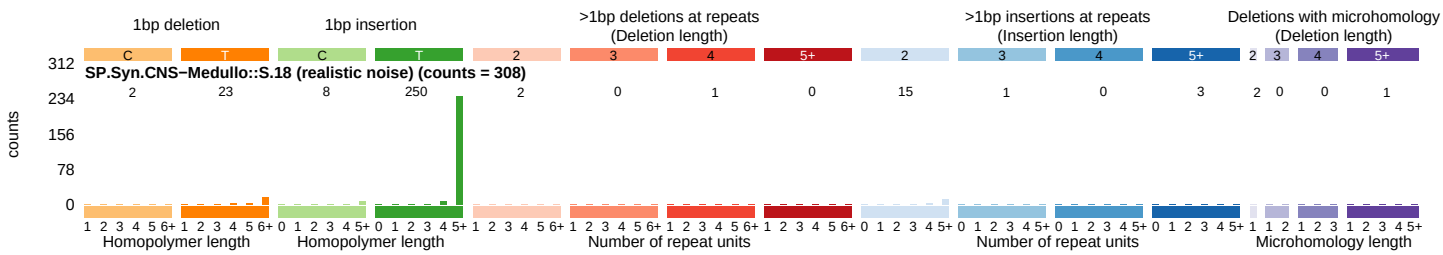
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.17 (realistic noise) (counts = 147)
counts
Homopolymer length
Number of repeat units
Microhomology length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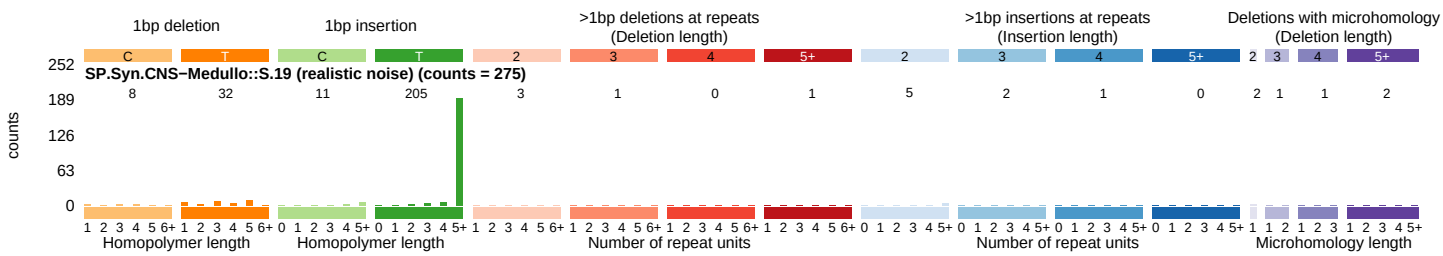
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.18 (realistic noise) (counts = 308)
counts
Homopolymer length
Number of repeat units
Microhomology length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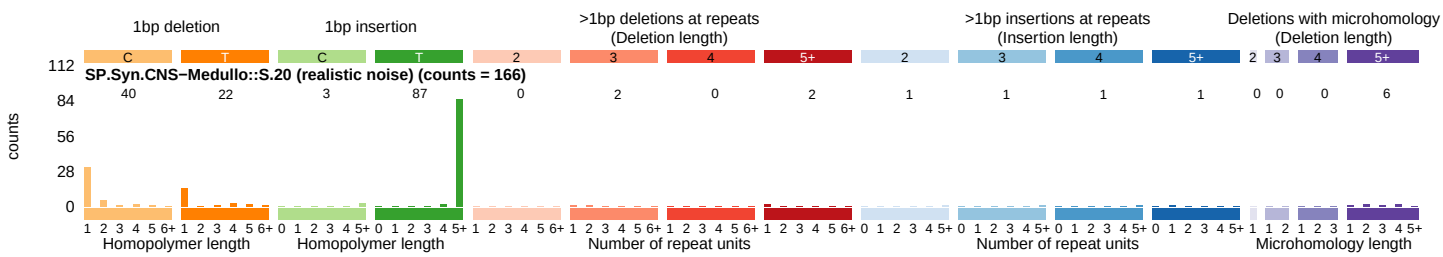
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.19 (realistic noise) (counts = 275)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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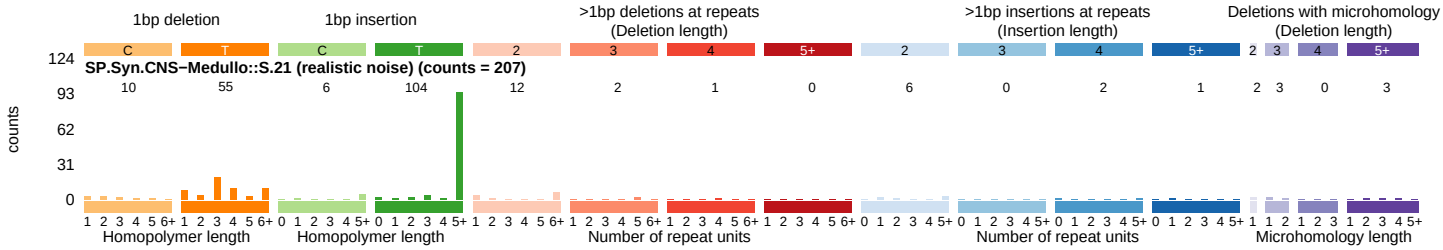
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.20 (realistic noise) (counts = 166)
counts
Homopolymer length
Number of repeat units
Microhomology length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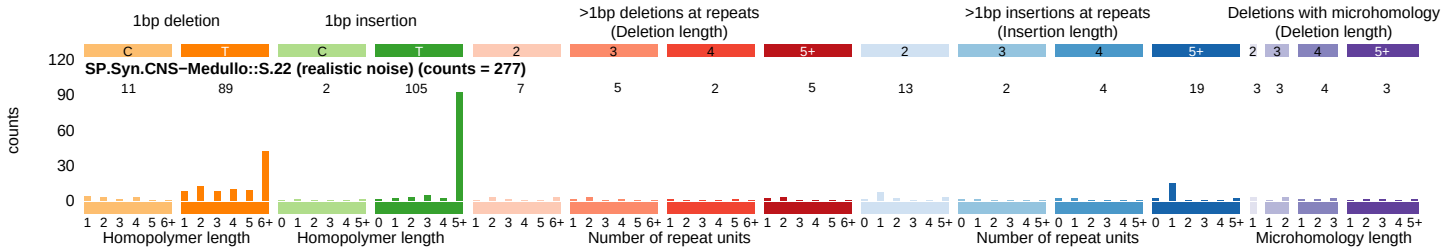
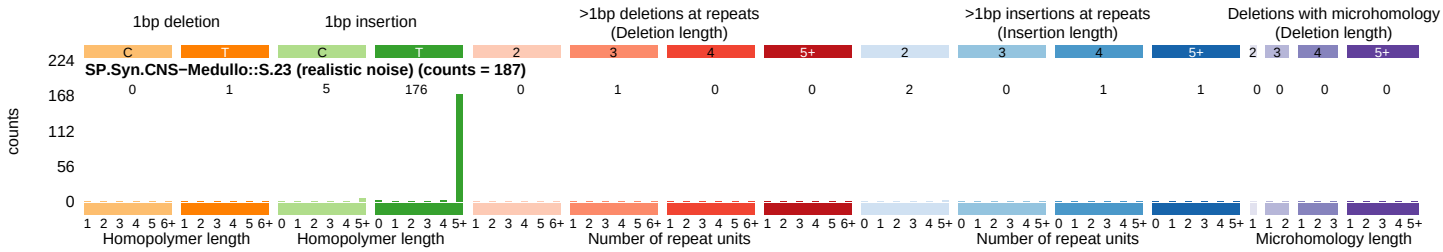
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.21 (realistic noise) (counts = 207)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (realistic noise) (counts = 277)
counts
Homopolymer length
Number of repeat units
Microhomology length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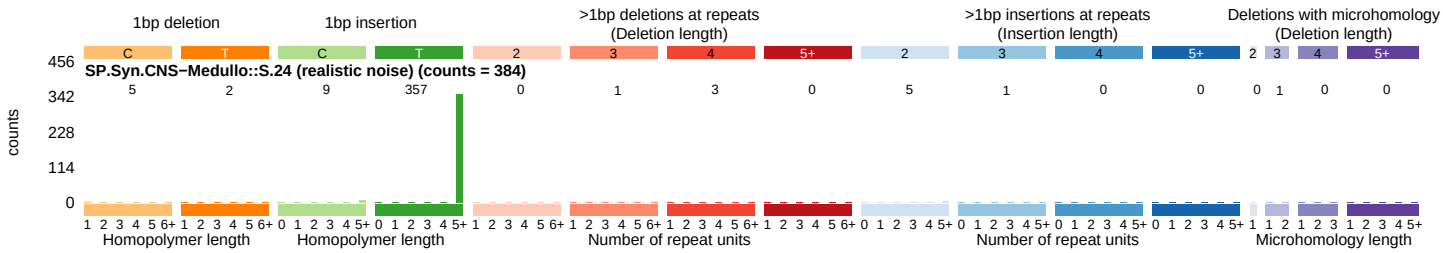
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.23 (realistic noise) (counts = 187)
counts
Homopolymer length
Number of repeat units
Microhomology length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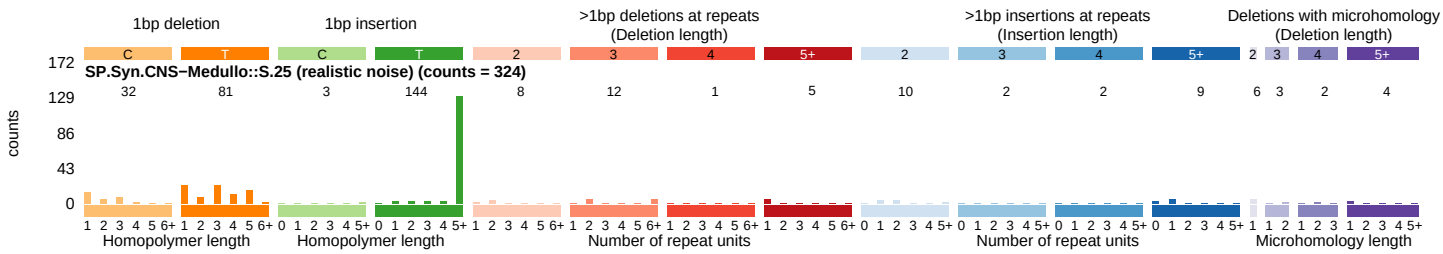
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.24 (realistic noise) (counts = 384)
counts
Homopolymer length
Number of repeat units
Microhomology length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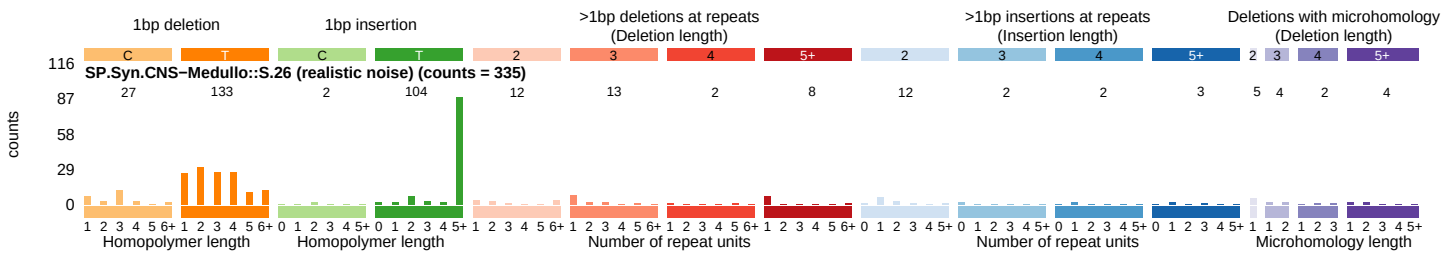
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.25 (realistic noise) (counts = 324)
counts
Homopolymer length
Number of repeat units
Microhomology length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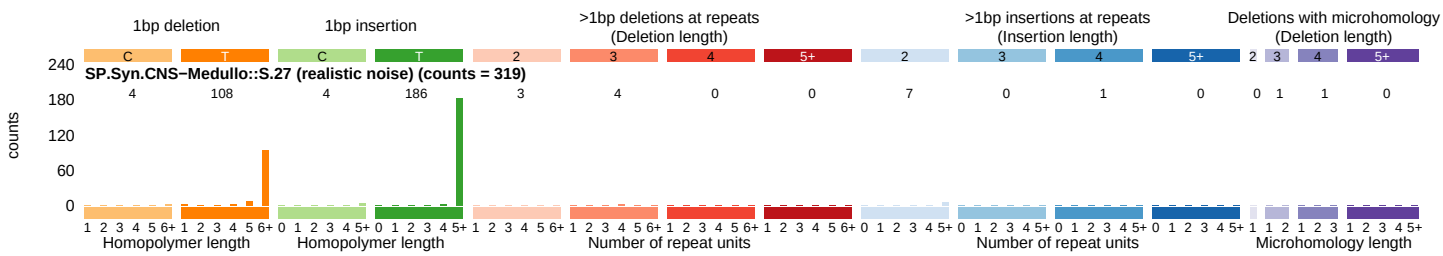
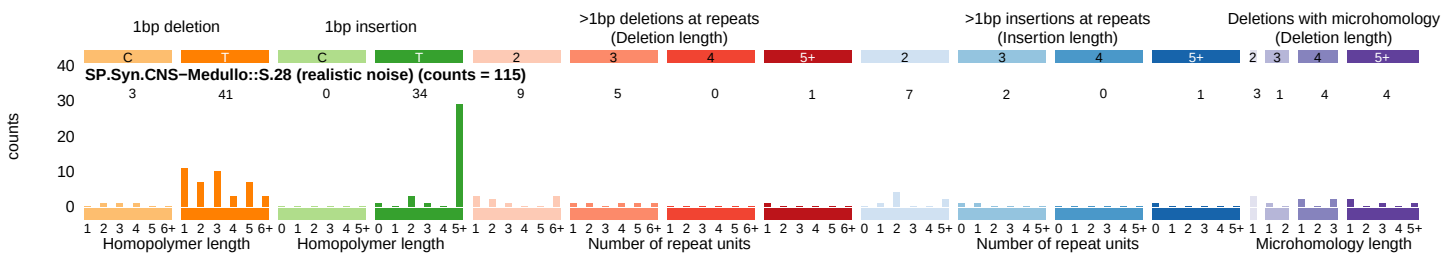
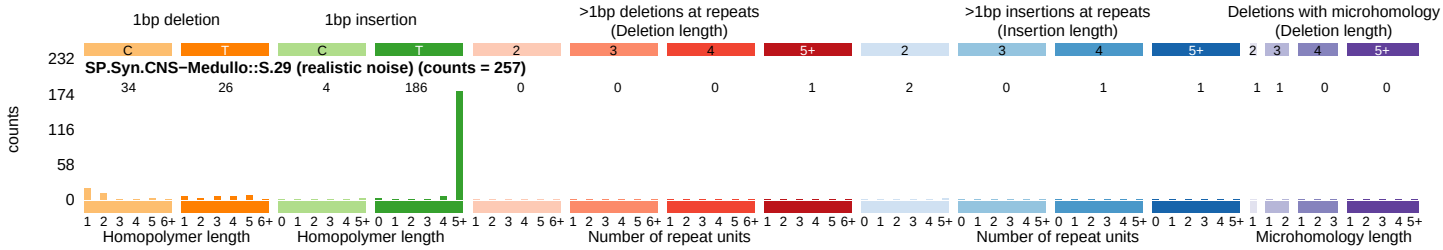
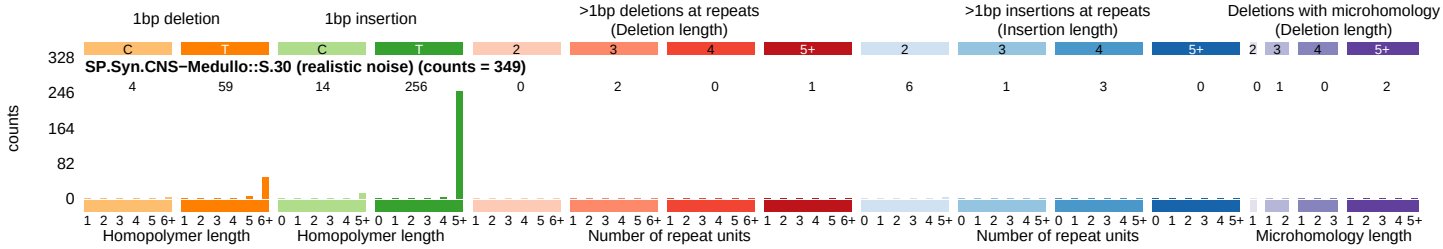
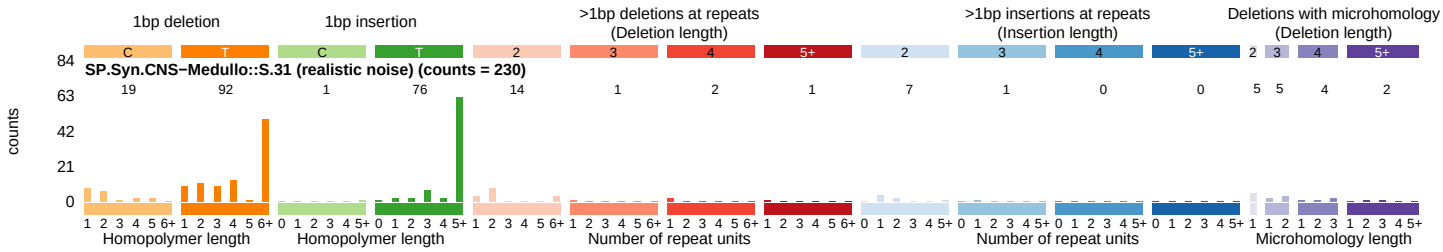
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.26 (realistic noise) (counts = 335)
counts
Homopolymer length
Number of repeat units
Microhomology length

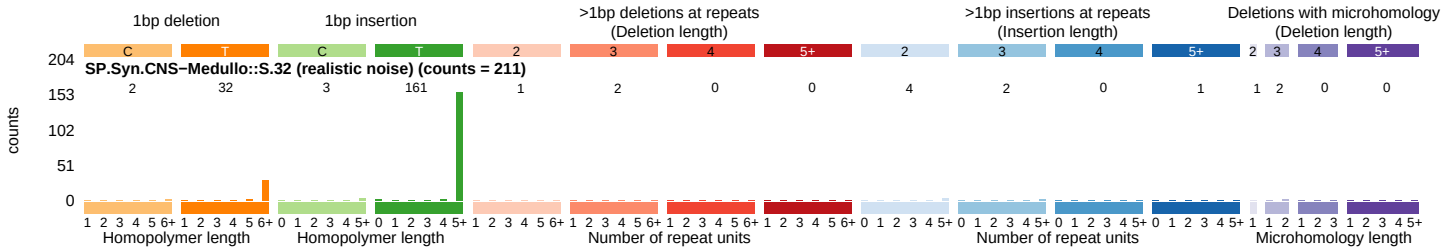

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.27 (realistic noise) (counts = 319)
counts
Homopolymer length
Number of repeat units
Microhomology length

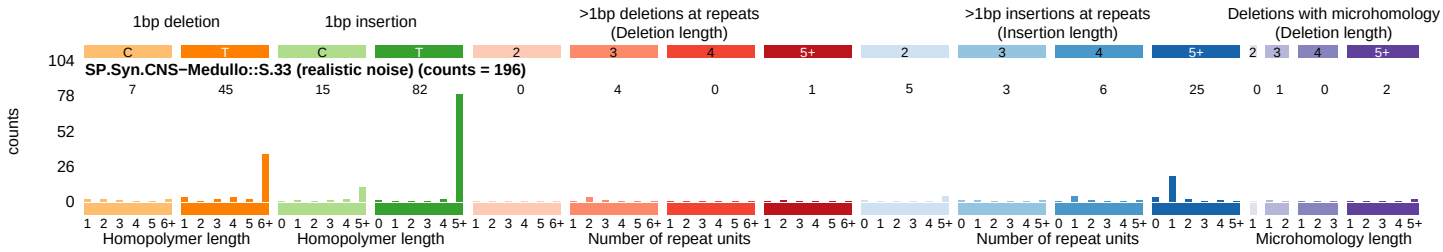

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.28 (realistic noise) (counts = 115)
counts
Homopolymer length
Number of repeat units
Microhomology length

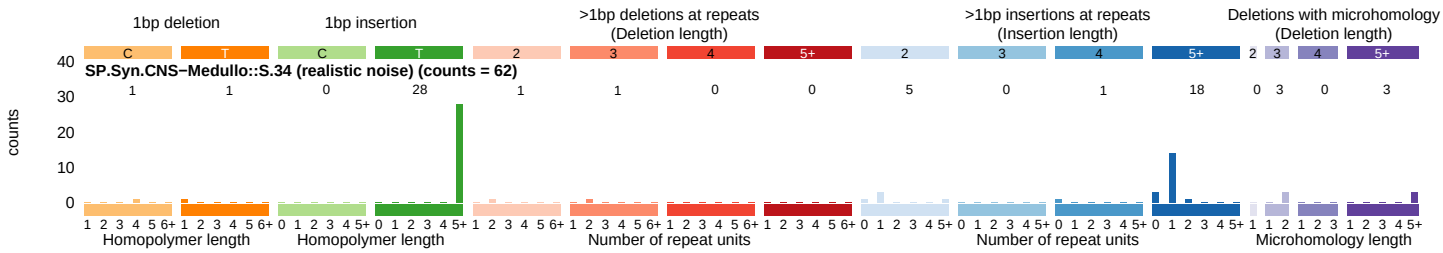

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.29 (realistic noise) (counts = 257)
counts
Homopolymer length
Number of repeat units
Microhomology length

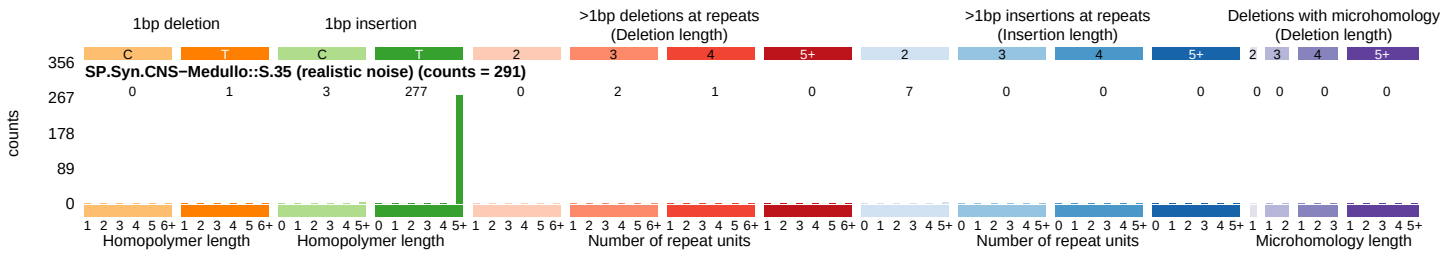

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.30 (realistic noise) (counts = 349)
counts
Homopolymer length
Number of repeat units
Microhomology length

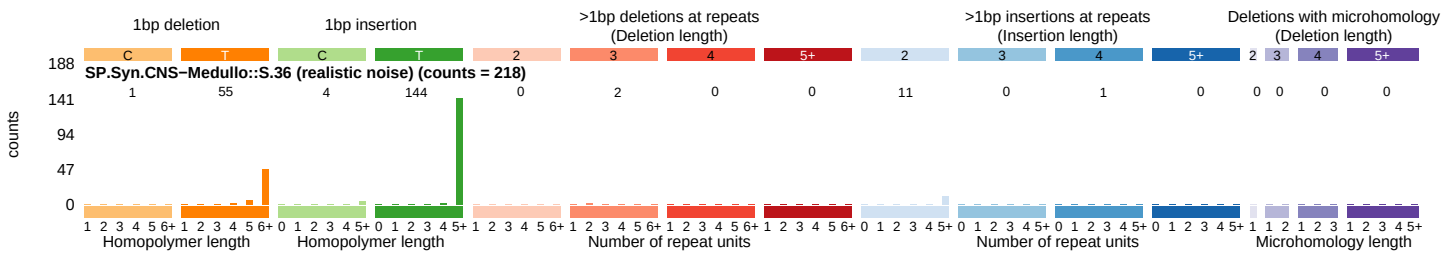

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.31 (realistic noise) (counts = 230)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.32 (realistic 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.CNS−Medullo::S.33 (realistic noise) (counts = 196)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 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.CNS−Medullo::S.35 (realistic noise) (counts = 291)
counts
Homopolymer length
Number of repeat units
Microhomology length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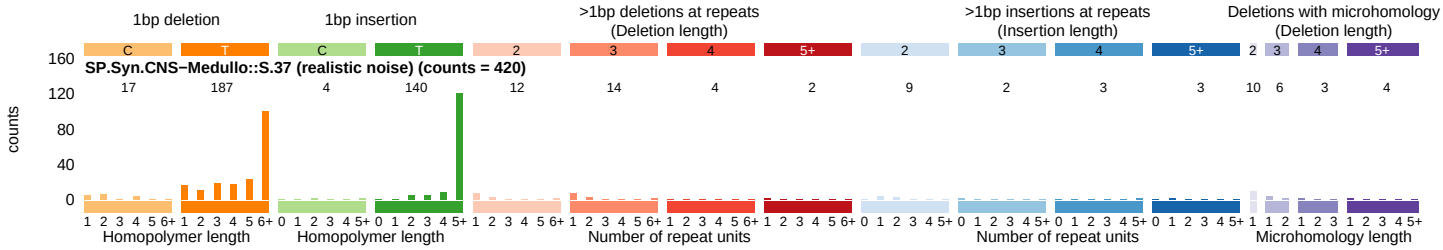
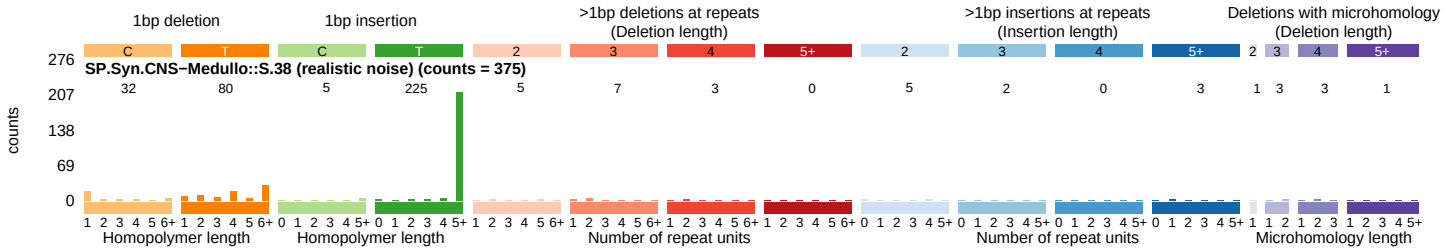
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.36 (realistic noise) (counts = 218)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (realistic noise) (counts = 420)
counts
Homopolymer length
Number of repeat units
Microhomology length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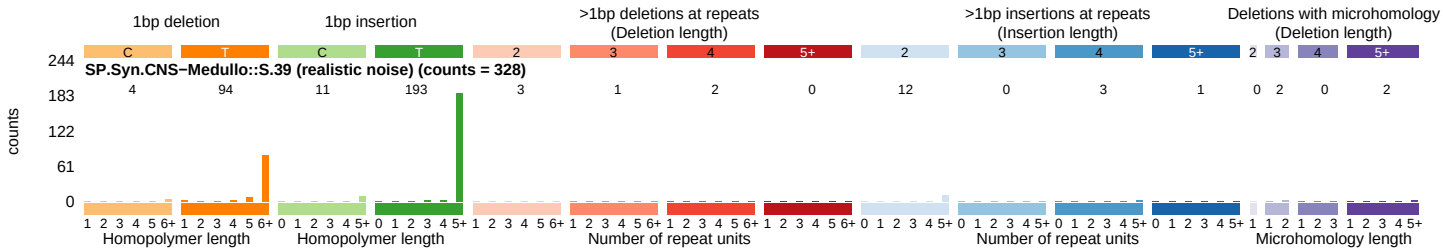
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.38 (realistic noise) (counts = 375)
counts
Homopolymer length
Number of repeat units
Microhomology length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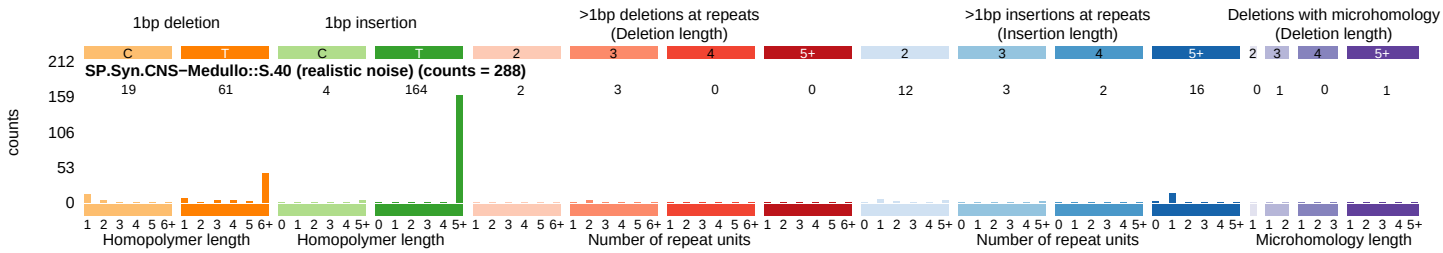
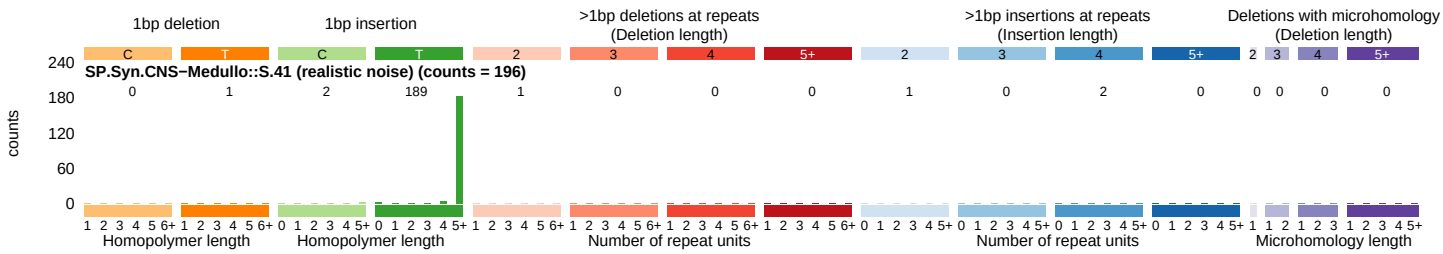
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.39 (realistic noise) (counts = 328)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (realistic noise) (counts = 288)
counts
Homopolymer length
Number of repeat units
Microhomology length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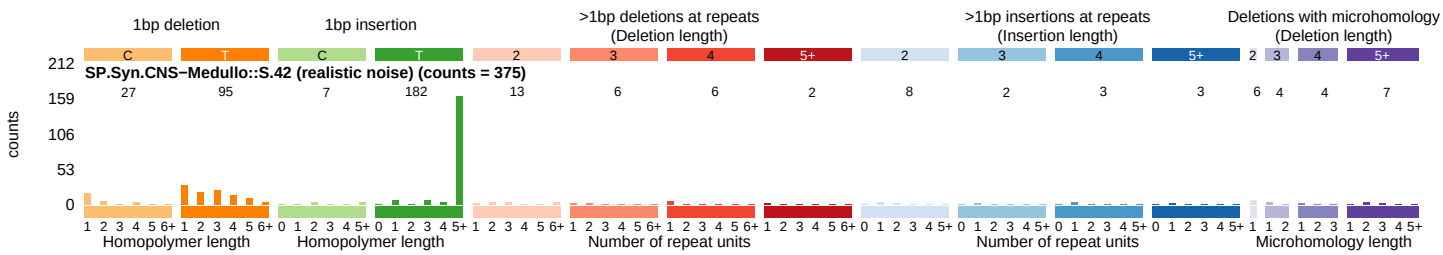
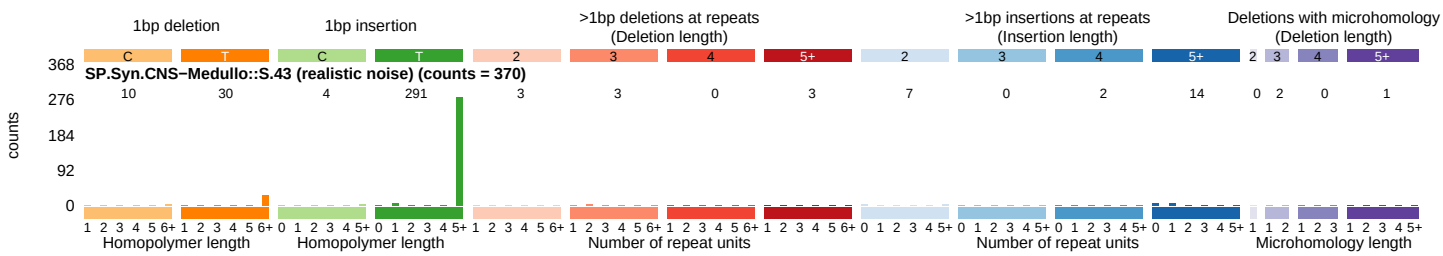
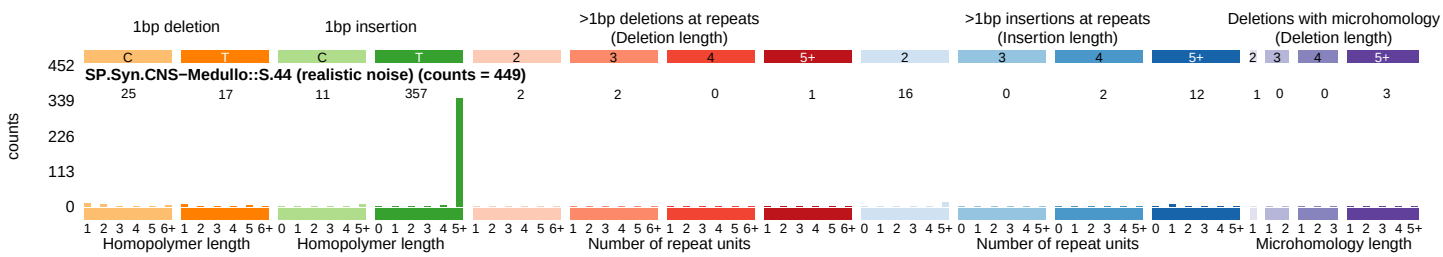
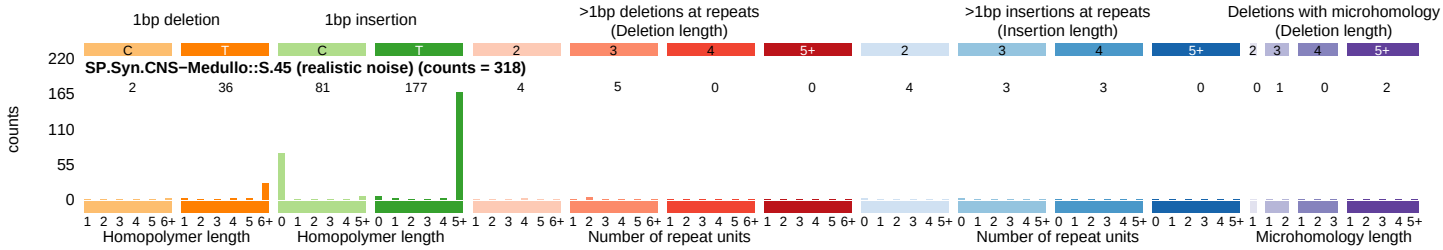
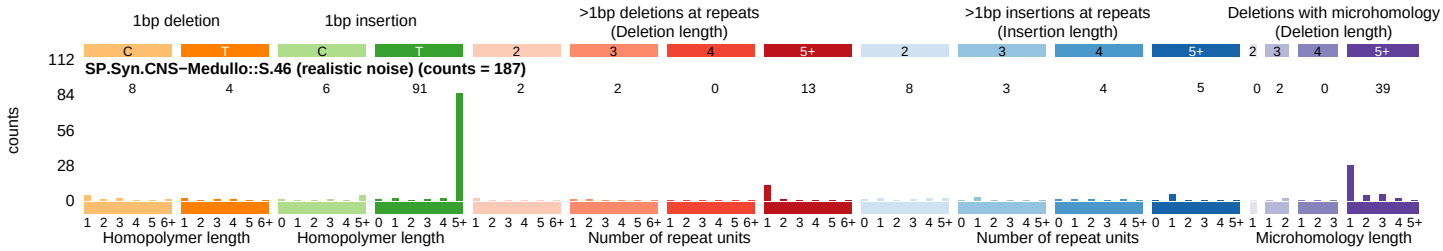
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.41 (realistic noise) (counts = 196)
counts
Homopolymer length
Number of repeat units
Microhomology length

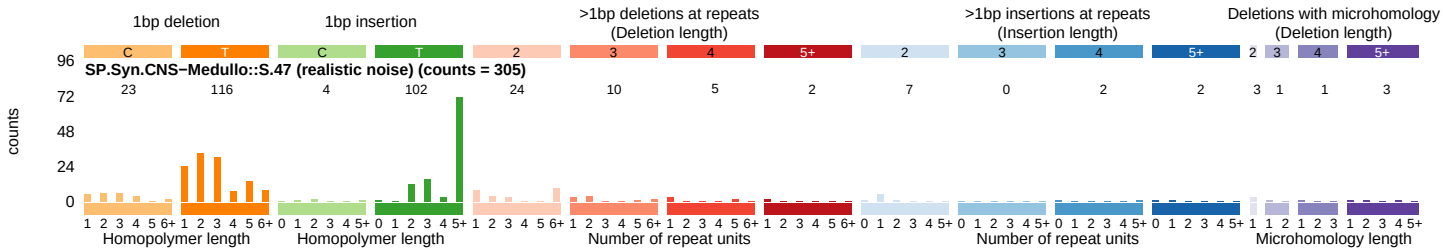

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.42 (realistic noise) (counts = 375)
counts
Homopolymer length
Number of repeat units
Microhomology length

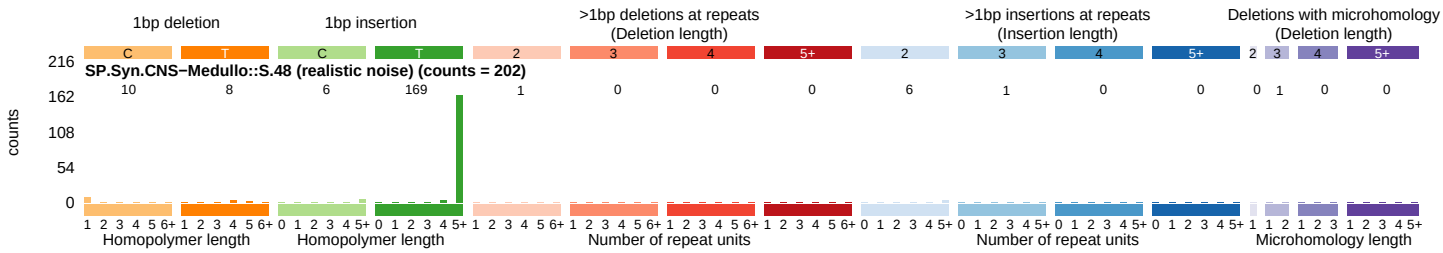

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.43 (realistic noise) (counts = 370)
counts
Homopolymer length
Number of repeat units
Microhomology length

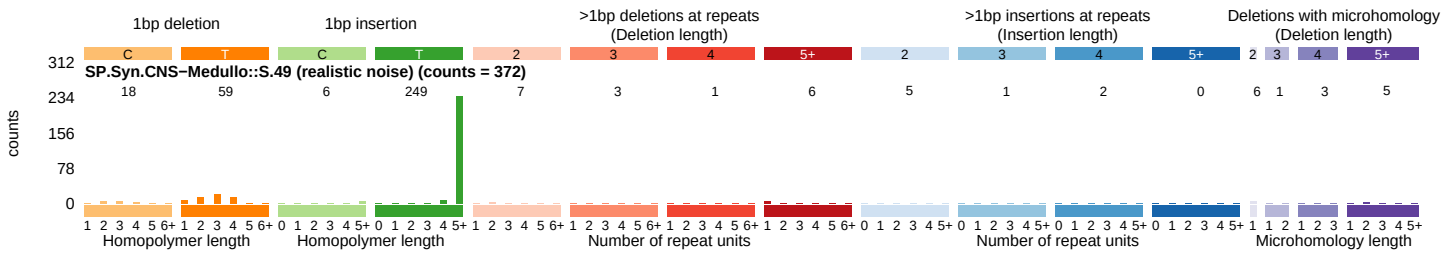

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.44 (realistic noise) (counts = 449)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.45 (realistic 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.CNS−Medullo::S.46 (realistic 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.CNS−Medullo::S.47 (realistic noise) (counts = 305)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 202)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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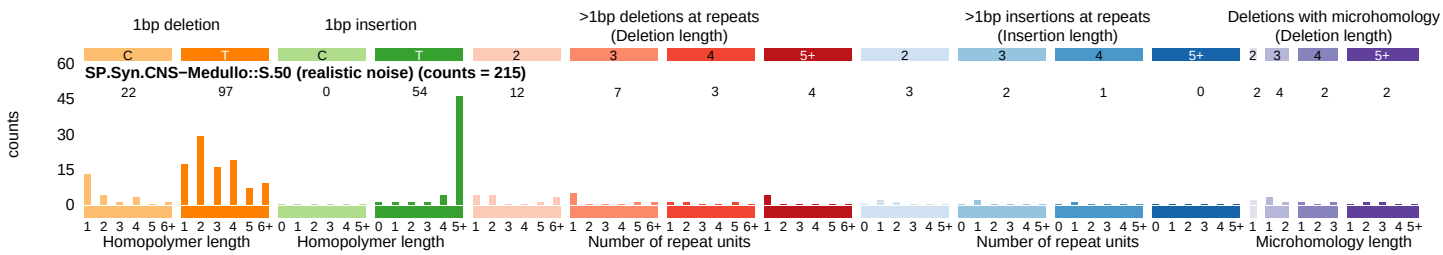
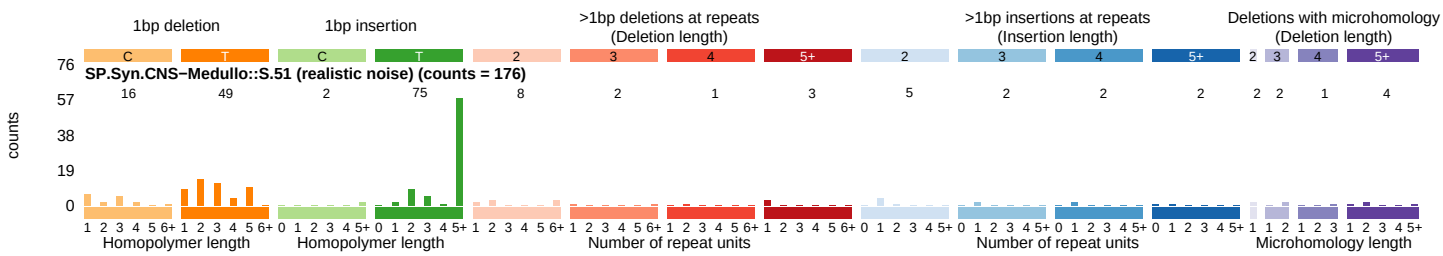
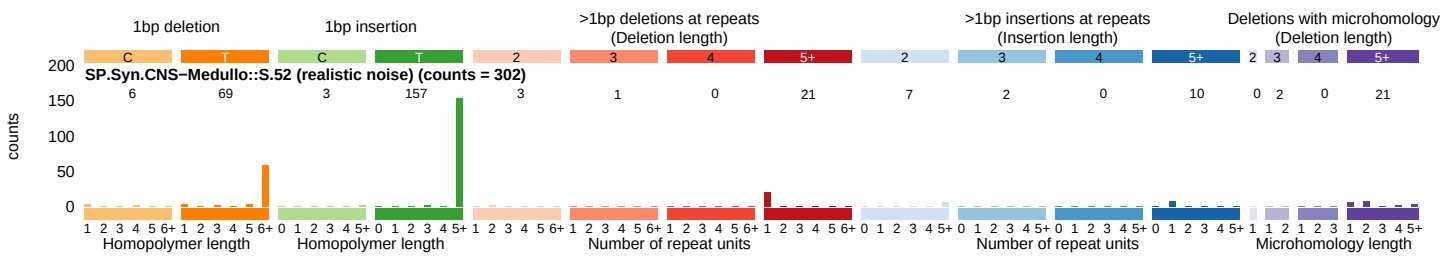
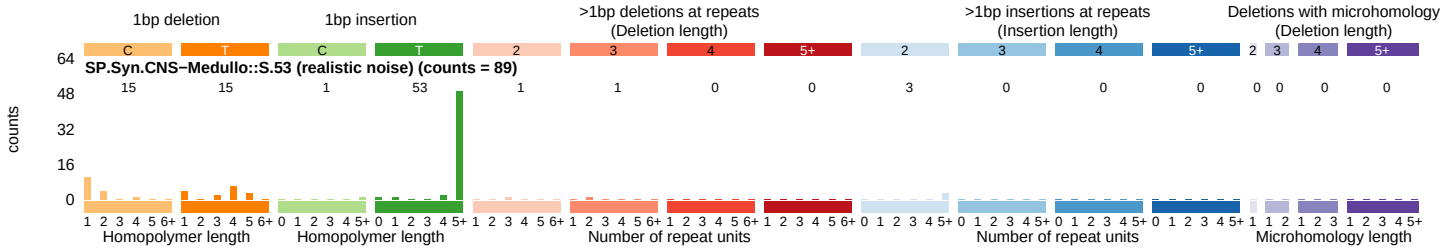
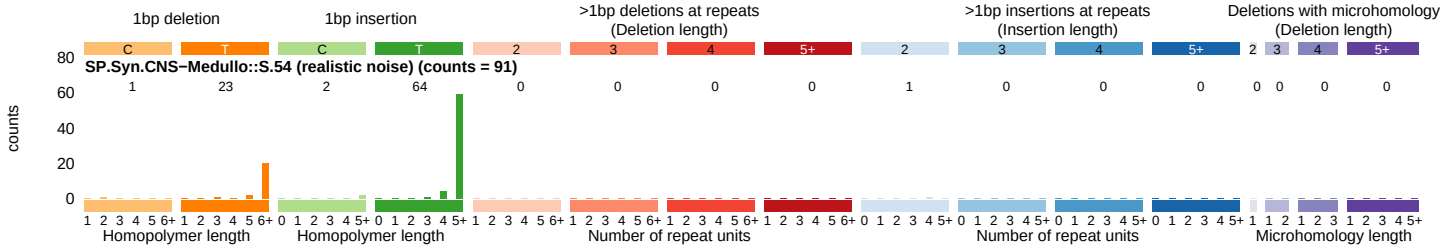
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.49 (realistic noise) (counts = 372)
counts
Homopolymer length
Number of repeat units
Microhomology length

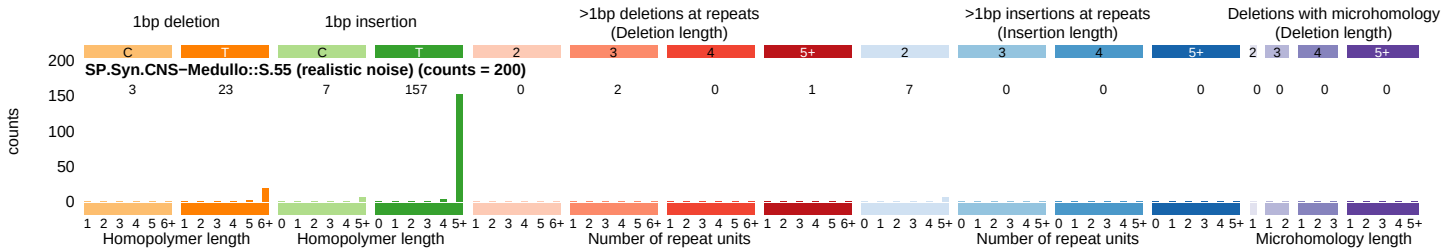

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.50 (realistic noise) (counts = 215)
counts
Homopolymer length
Number of repeat units
Microhomology length

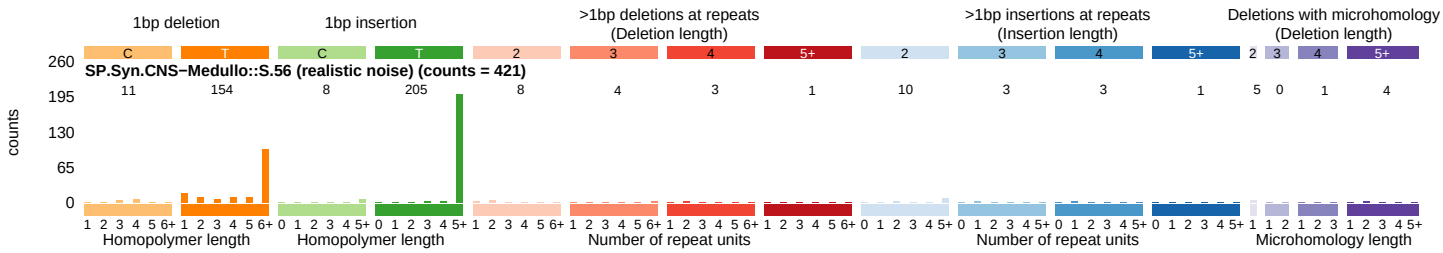

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.51 (realistic noise) (counts = 176)
counts
Homopolymer length
Number of repeat units
Microhomology length

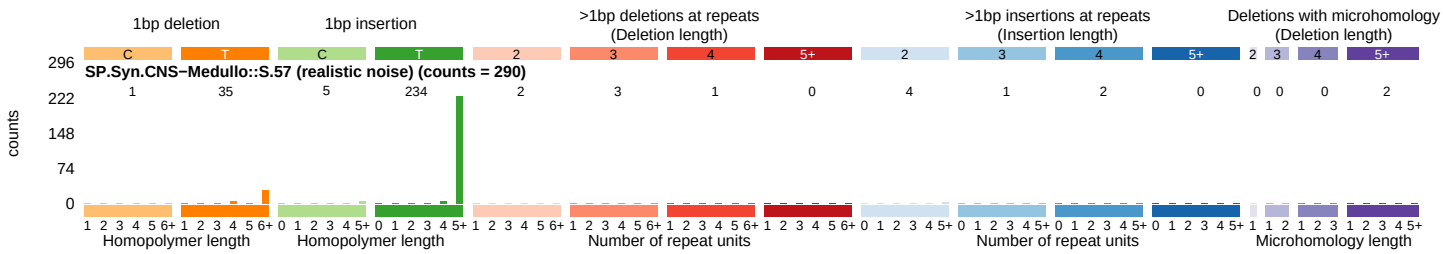

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.52 (realistic noise) (counts = 302)
counts
Homopolymer length
Number of repeat units
Microhomology length

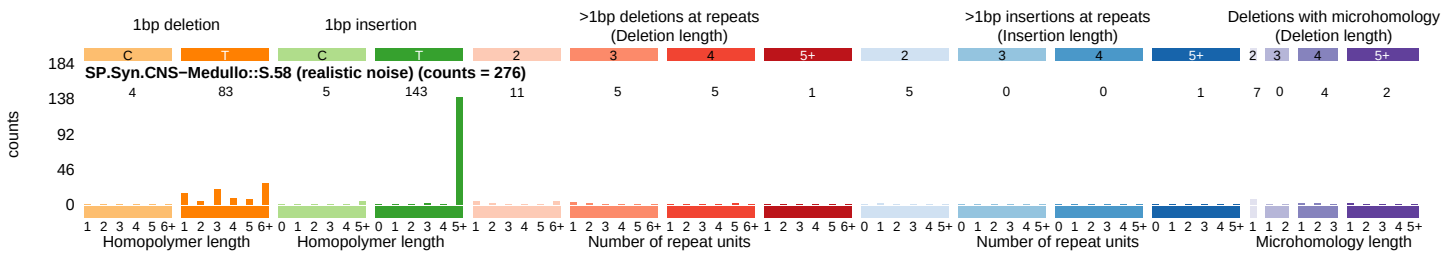

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.53 (realistic noise) (counts = 89)
counts
Homopolymer length
Number of repeat units
Microhomology length

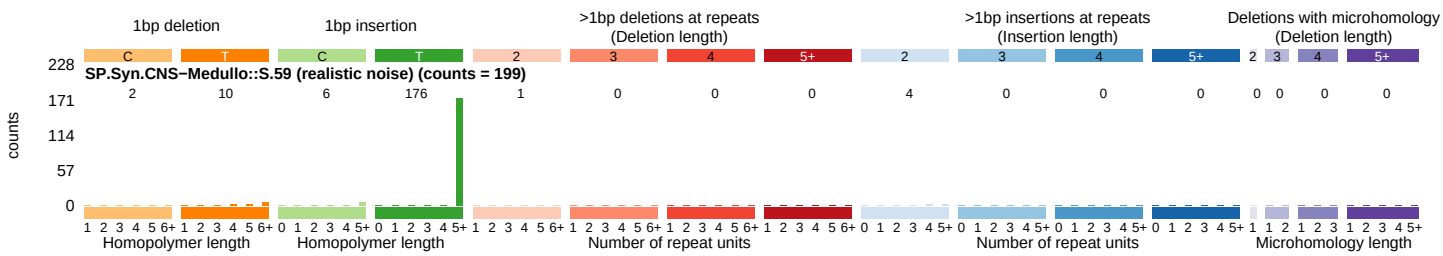

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.54 (realistic noise) (counts = 91)
counts
Homopolymer length
Number of repeat units
Microhomology length

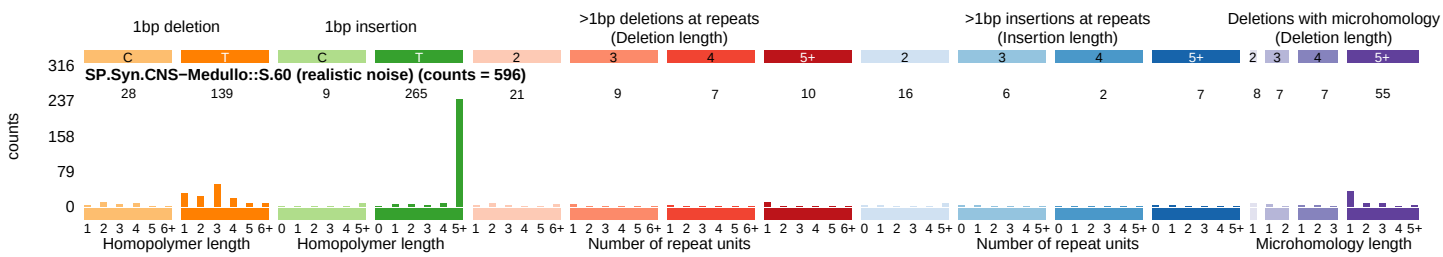

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.55 (realistic noise) (counts = 200)
counts
Homopolymer length
Number of repeat units
Microhomology length

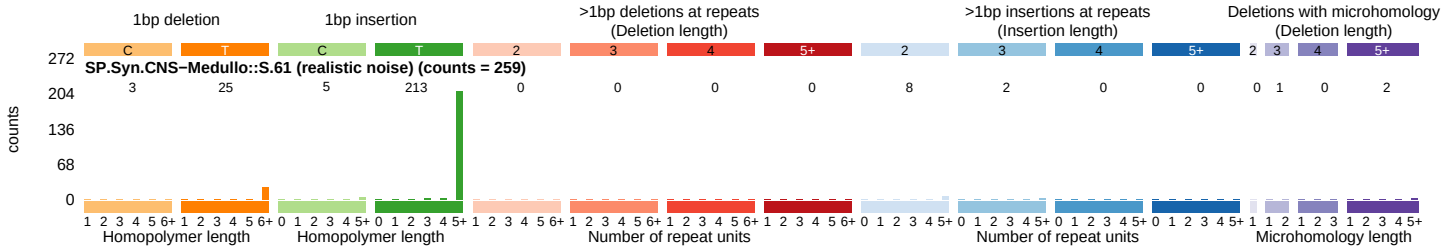

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.56 (realistic noise) (counts = 421)
counts
Homopolymer length
Number of repeat units
Microhomology length

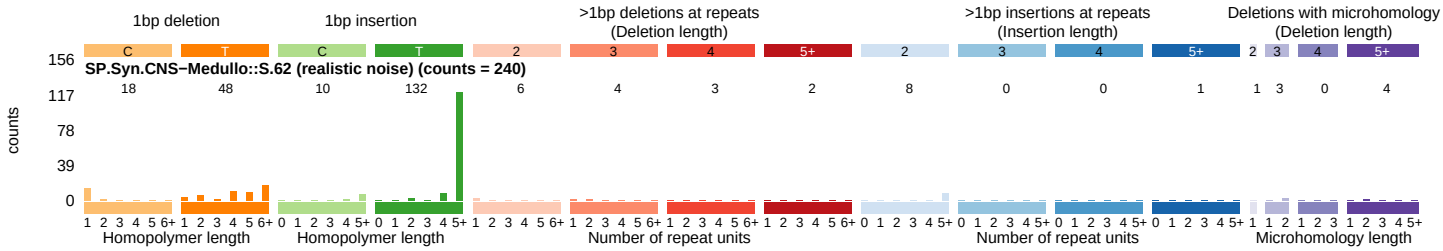

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.57 (realistic noise) (counts = 290)
counts
Homopolymer length
Number of repeat units
Microhomology length

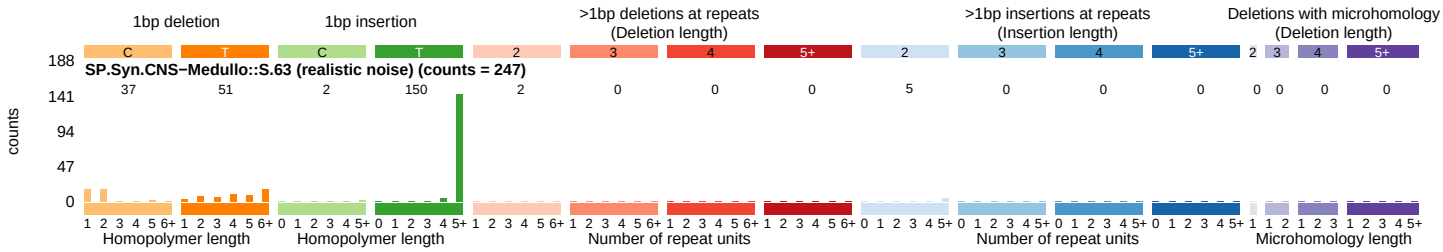

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.58 (realistic noise) (counts = 276)
counts
Homopolymer length
Number of repeat units
Microhomology length

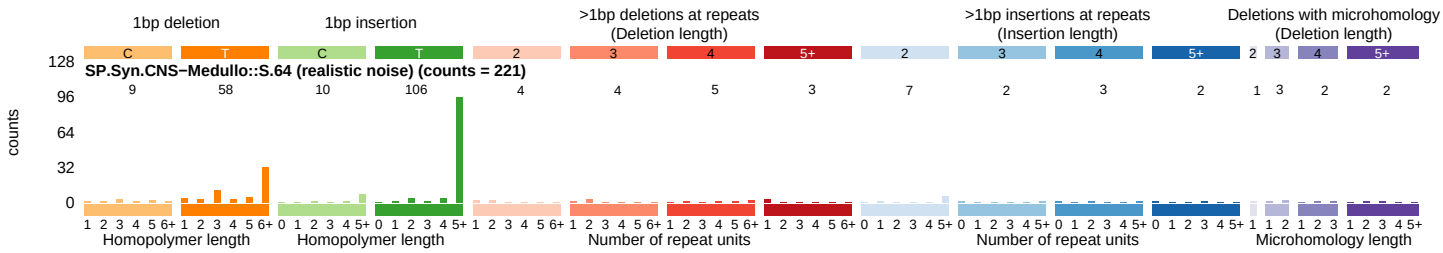

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.59 (realistic noise) (counts = 199)
counts
Homopolymer length
Number of repeat units
Microhomology length

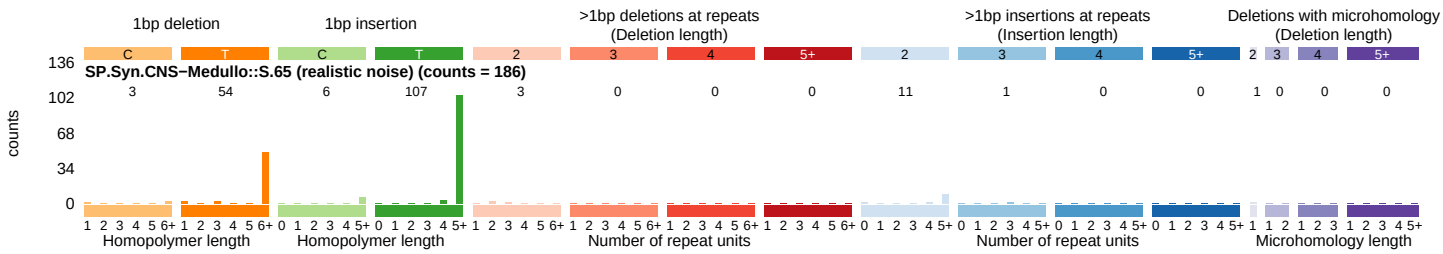

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.60 (realistic noise) (counts = 596)
counts
Homopolymer length
Number of repeat units
Microhomology length

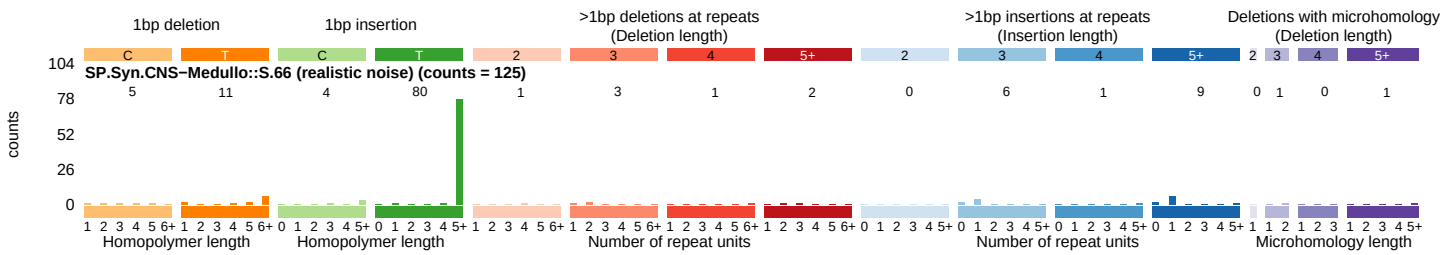

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.61 (realistic noise) (counts = 259)
3 25 5 213 0 0 0 0 8 2 0 0 0 1 0 2
counts
Homopolymer length
Number of repeat units
Microhomology length

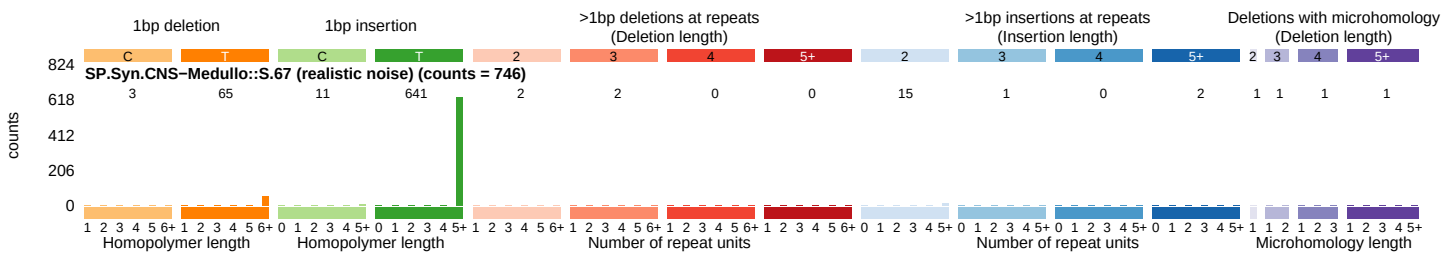

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.62 (realistic noise) (counts = 240)
18 48 10 132 6 4 3 2 8 0 0 1 1 3 0 4
counts
Homopolymer length
Number of repeat units
Microhomology length

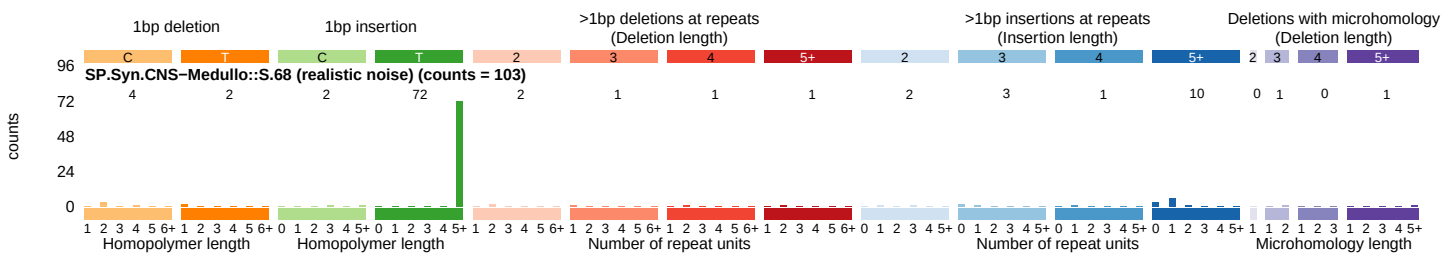

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.63 (realistic noise) (counts = 247)
37 51 2 150 2 0 0 0 5 0 0 0 0 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

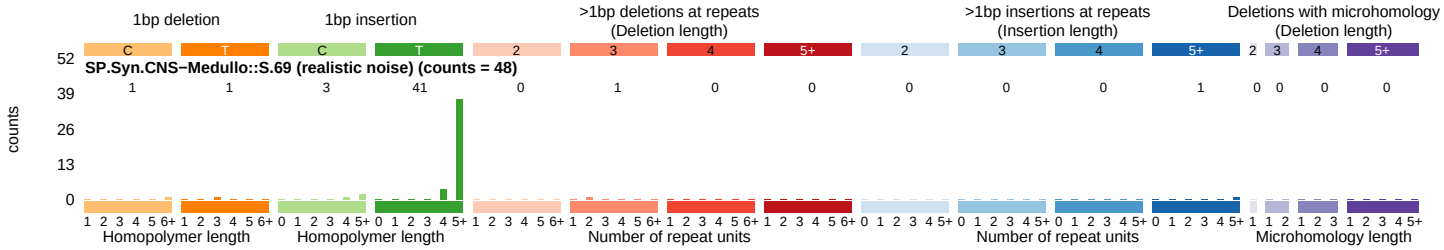

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.64 (realistic noise) (counts = 221)
9 58 10 106 4 4 5 3 7 2 3 2 1 3 2 2
counts
Homopolymer length
Number of repeat units
Microhomology length

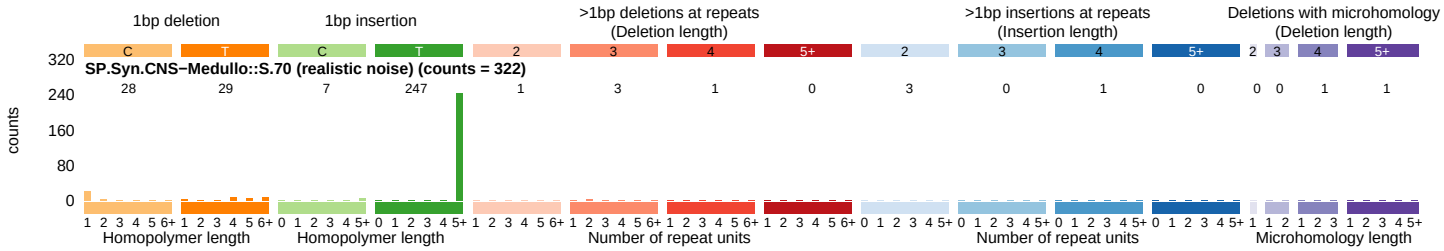

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.65 (realistic noise) (counts = 186)
3 54 6 107 3 0 0 0 11 1 0 0 1 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

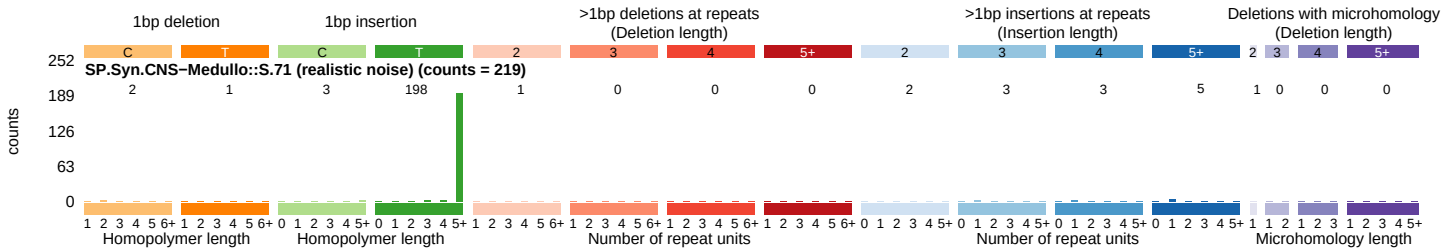

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.66 (realistic noise) (counts = 125)
5 11 4 80 1 3 1 2 0 6 1 9 0 1 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length

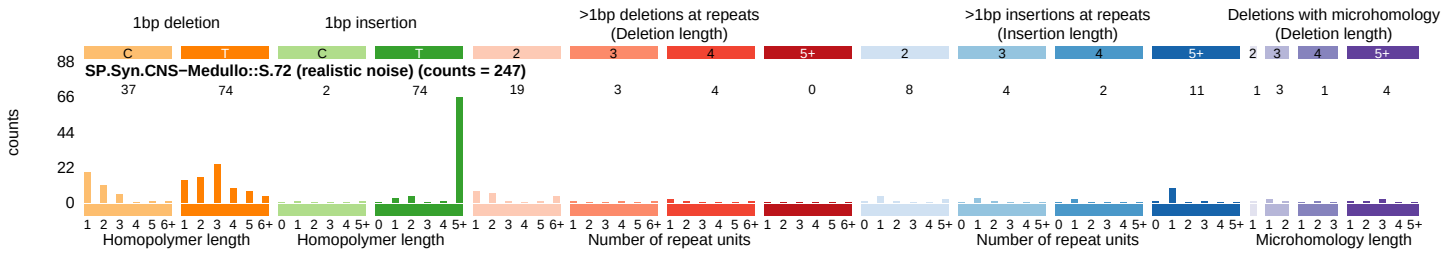

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.67 (realistic noise) (counts = 746)
3 65 11 641 2 2 0 0 15 1 0 2 1 1 1 1
counts
Homopolymer length
Number of repeat units
Microhomology length

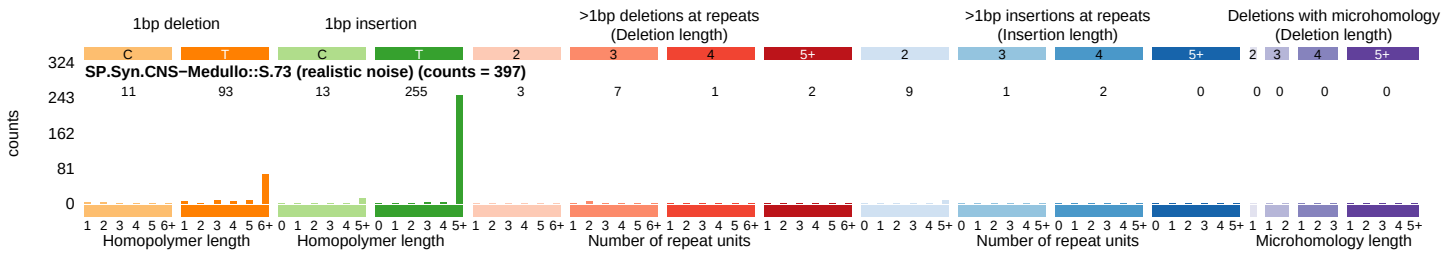

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.68 (realistic noise) (counts = 103)
4 2 2 72 2 1 1 1 2 3 1 10 0 1 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length

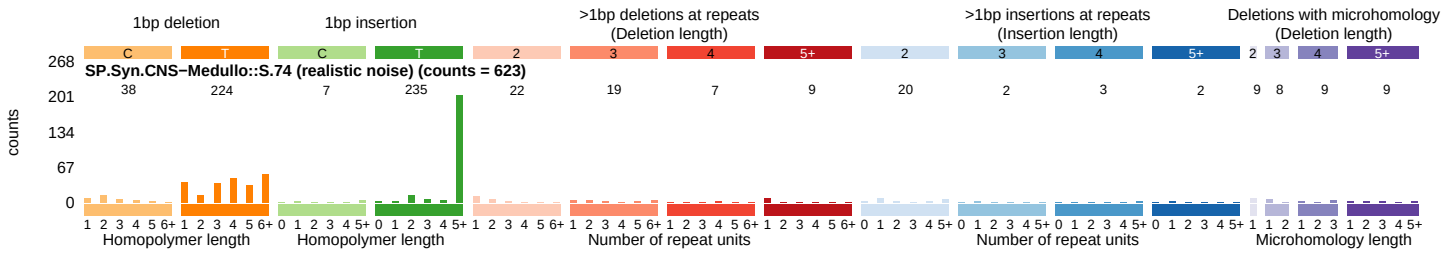

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.69 (realistic noise) (counts = 48)
counts
Homopolymer length
Number of repeat units
Microhomology length

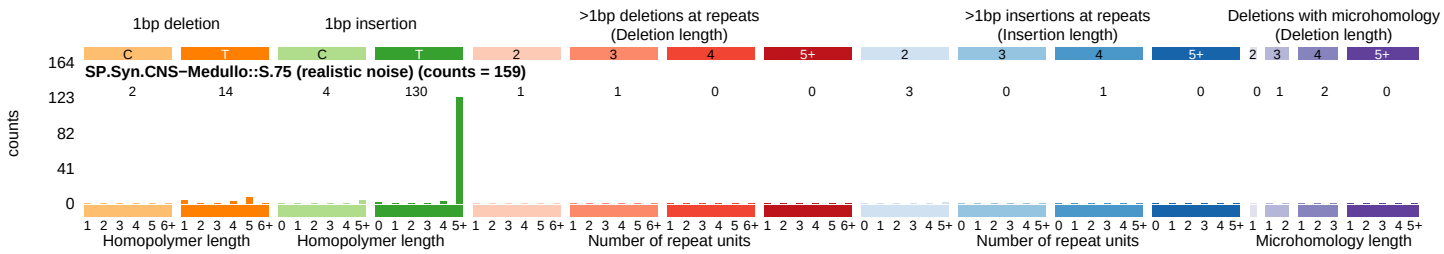

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.70 (realistic noise) (counts = 322)
counts
Homopolymer length
Number of repeat units
Microhomology length

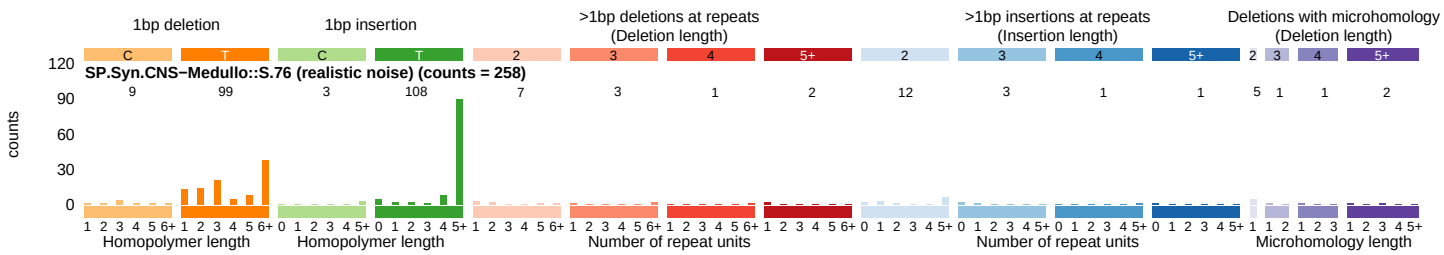

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.71 (realistic noise) (counts = 219)
counts
Homopolymer length
Number of repeat units
Microhomology length

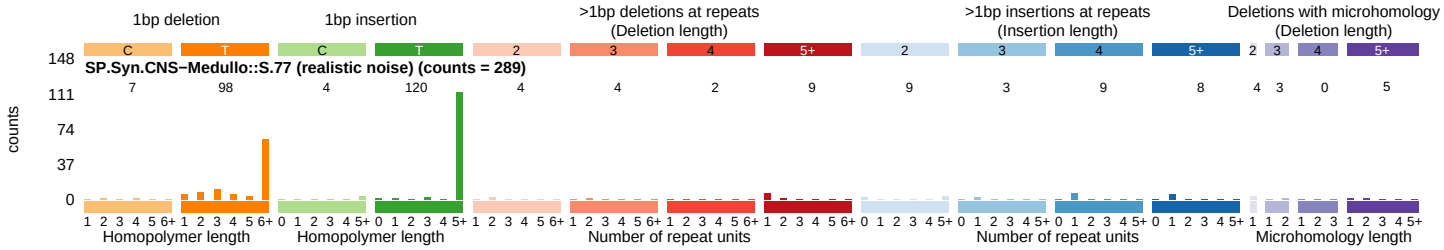

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.72 (realistic noise) (counts = 247)
counts
Homopolymer length
Number of repeat units
Microhomology length

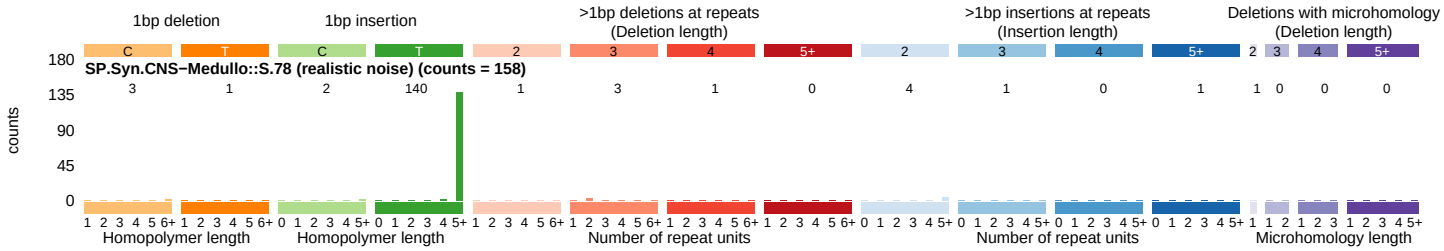

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.73 (realistic noise) (counts = 397)
counts
Homopolymer length
Number of repeat units
Microhomology length

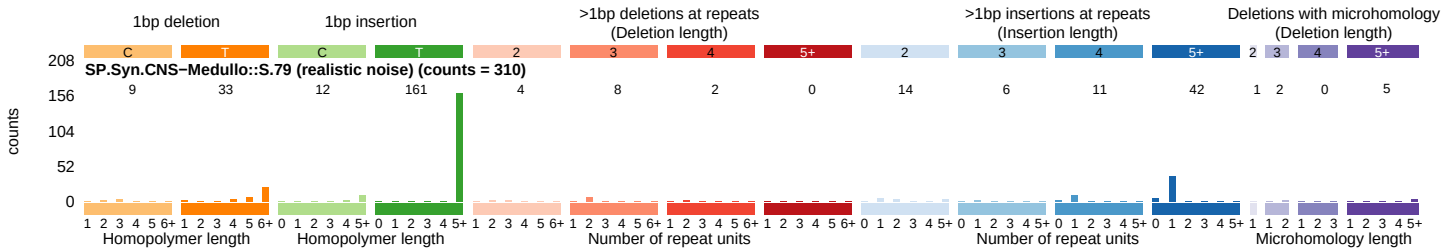

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.74 (realistic noise) (counts = 623)
counts
Homopolymer length
Number of repeat units
Microhomology length

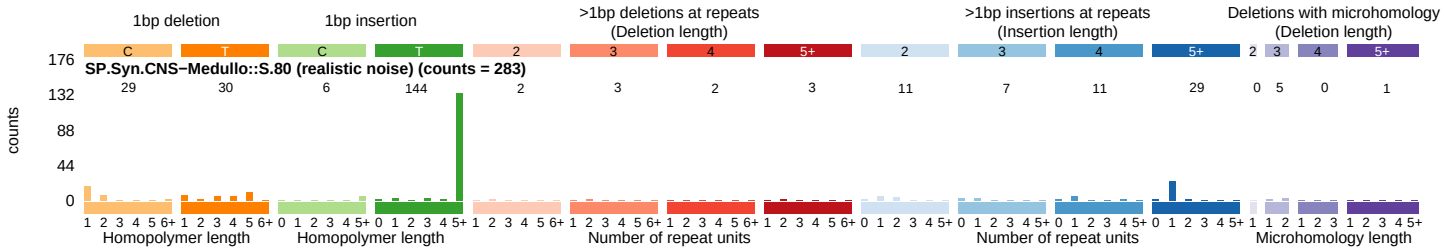

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.75 (realistic noise) (counts = 159)
counts
Homopolymer length
Number of repeat units
Microhomology length

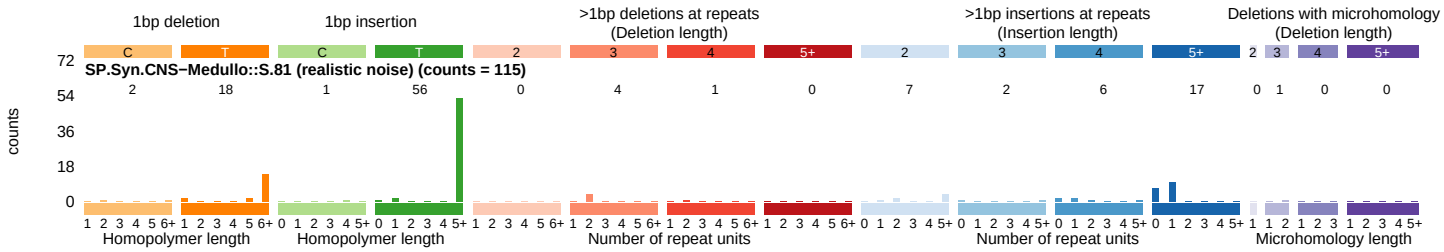

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.76 (realistic noise) (counts = 258)
counts
Homopolymer length
Number of repeat units
Microhomology length

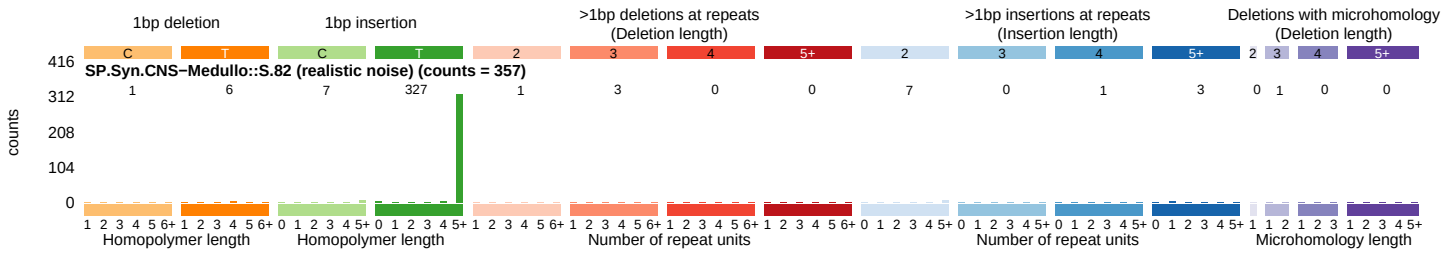

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.77 (realistic noise) (counts = 289)
counts
Homopolymer length
Number of repeat units
Microhomology length

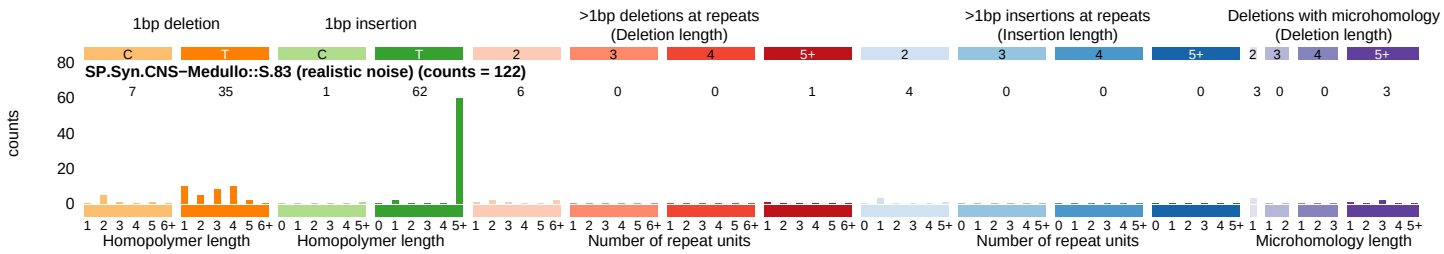

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.78 (realistic noise) (counts = 158)
counts
Homopolymer length
Number of repeat units
Microhomology length

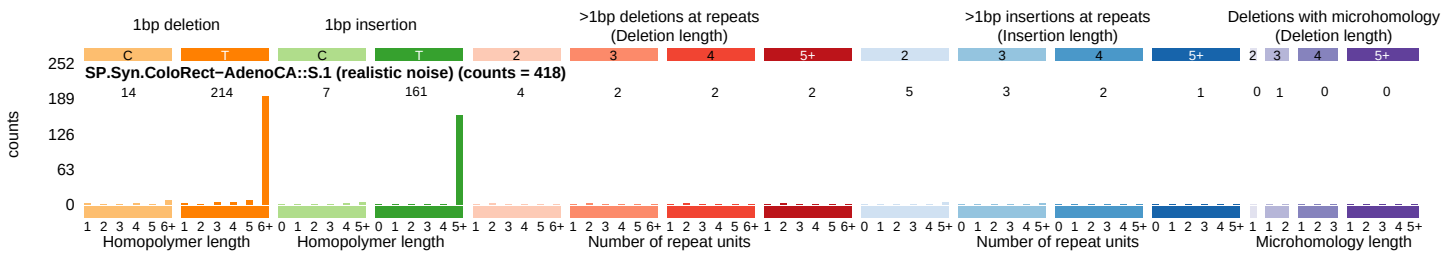

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.79 (realistic noise) (counts = 310)
counts
Homopolymer length
Number of repeat units
Microhomology length

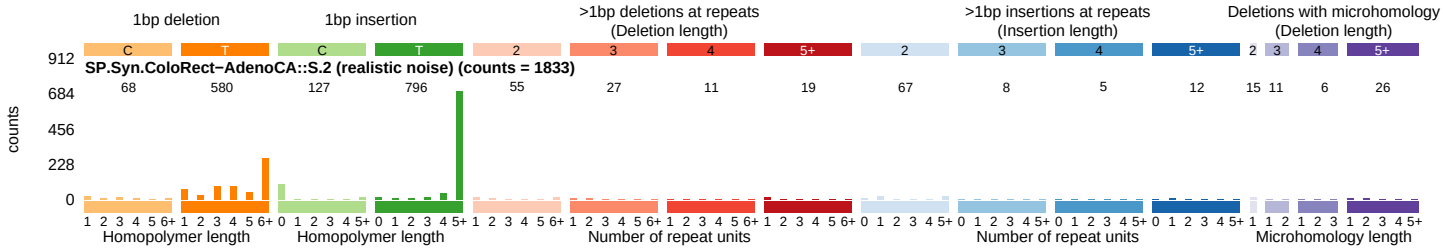

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.80 (realistic noise) (counts = 283)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.CNS−Medullo::S.81 (realistic noise) (counts = 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.CNS−Medullo::S.82 (realistic 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.83 (realistic noise) (counts = 122)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.1 (realistic noise) (counts = 418)
counts
Homopolymer length
Number of repeat units
Microhomology length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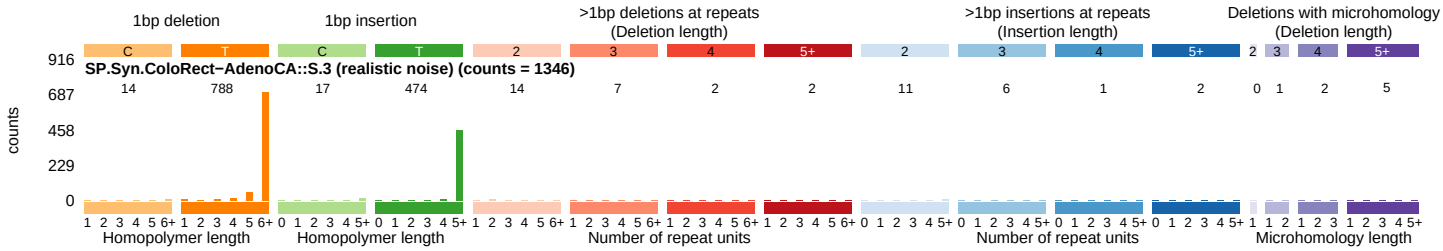
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.2 (realistic noise) (counts = 1833)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
68 580 127 796 55 27 11 19 67 8 5 12 15 11 6 26
counts
912 684 456 228 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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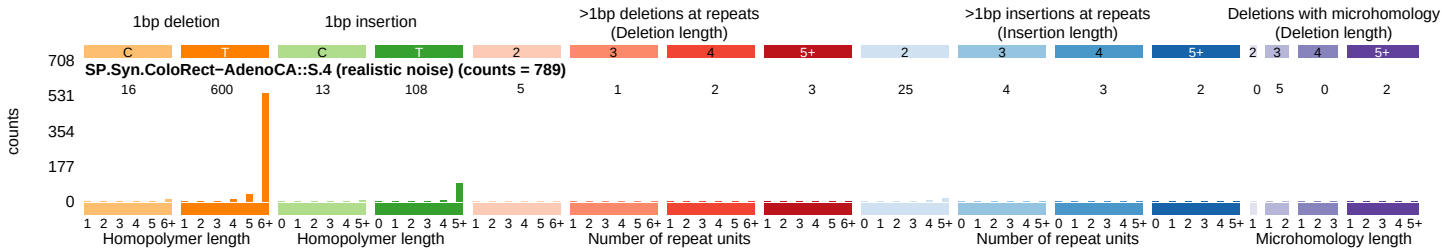
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.3 (realistic noise) (counts = 1346)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
14 788 17 474 14 7 2 2 11 6 1 2 0 1 2 5
counts
916 687 458 229 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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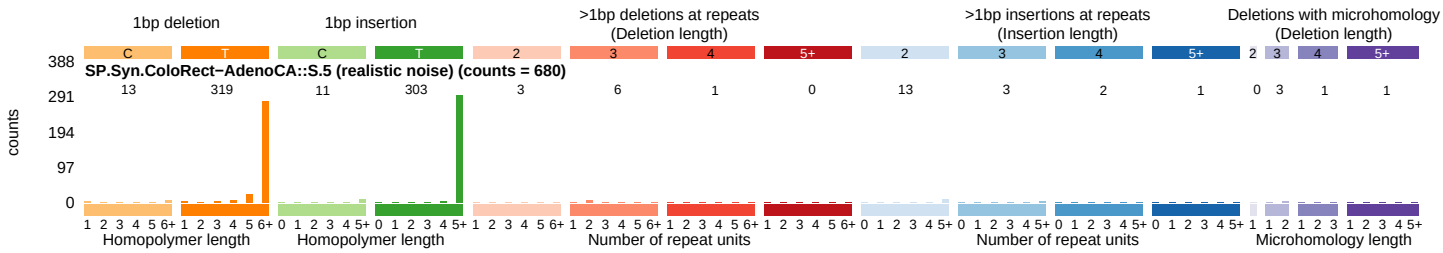
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.4 (realistic noise) (counts = 789)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
16 600 13 108 5 1 2 3 25 4 3 2 0 5 0 2
counts
708 531 354 177 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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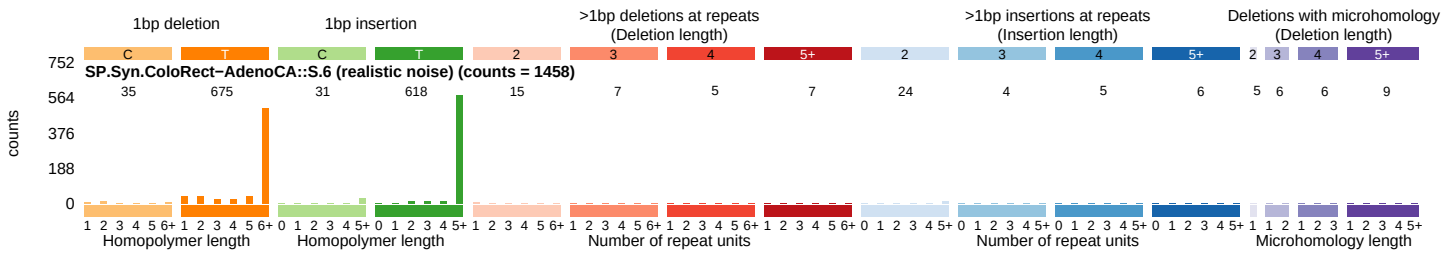
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.5 (realistic noise) (counts = 680)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
13 319 11 303 3 6 1 0 13 3 2 1 0 3 1 1
counts
388 291 194 97 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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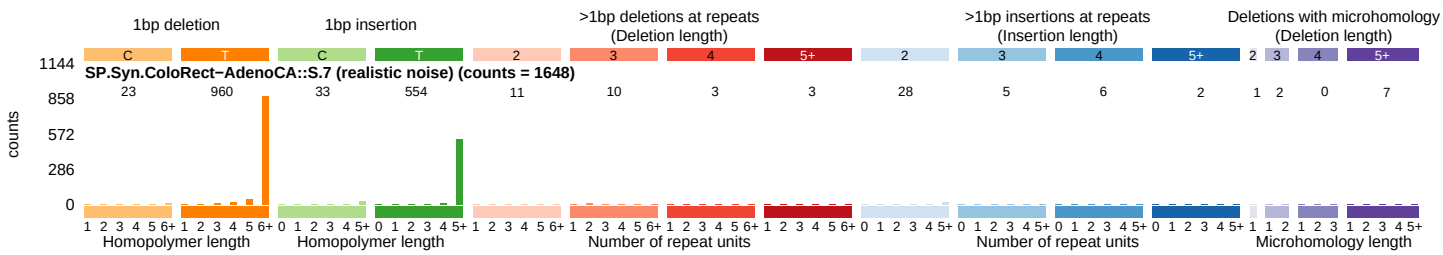
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.6 (realistic noise) (counts = 1458)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
35 675 31 618 15 7 5 7 24 4 5 6 5 6 6 9
counts
752 564 376 188 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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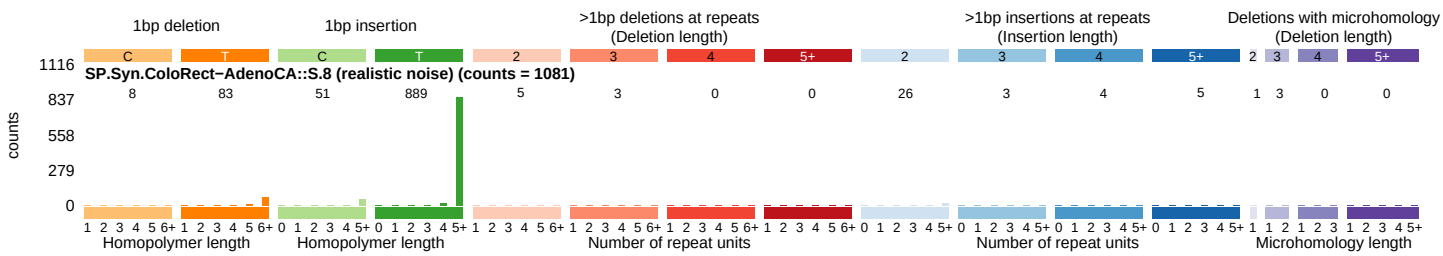
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.7 (realistic noise) (counts = 1648)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
23 960 33 554 11 10 3 3 28 5 6 2 1 2 0 7
counts
1144 858 572 286 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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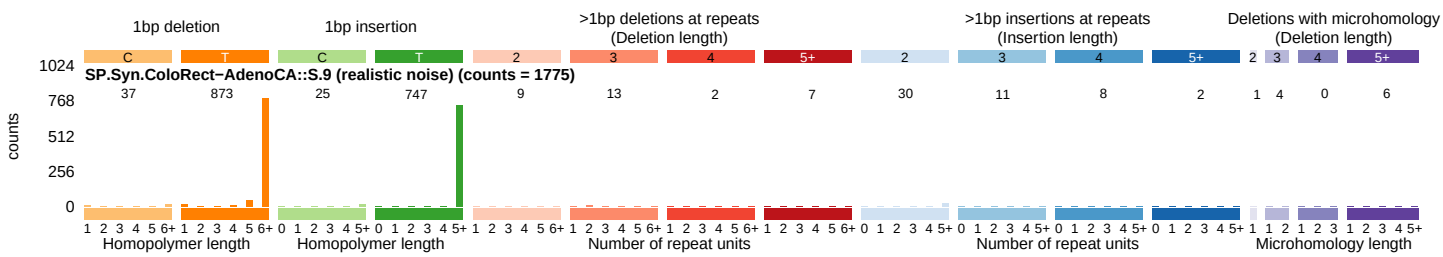
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.8 (realistic noise) (counts = 1081)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
8 83 51 889 5 3 0 0 26 3 4 5 1 3 0 0
counts
1116 837 558 279 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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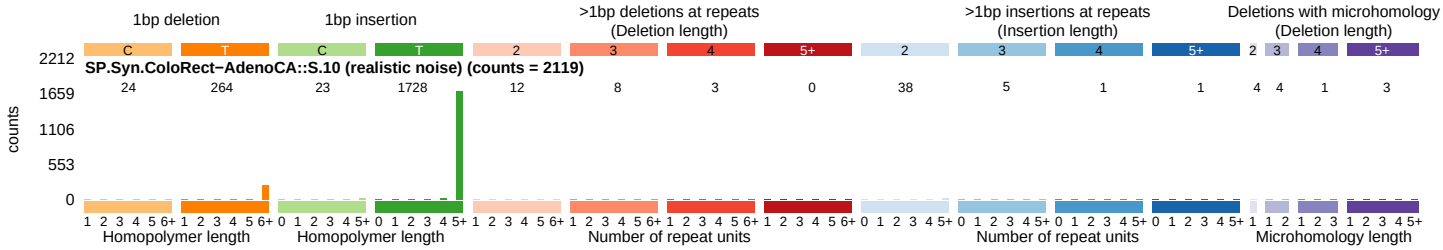
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.9 (realistic noise) (counts = 1775)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
37 873 25 747 9 13 2 7 30 11 8 2 1 4 0 6
counts
1024 768 512 256 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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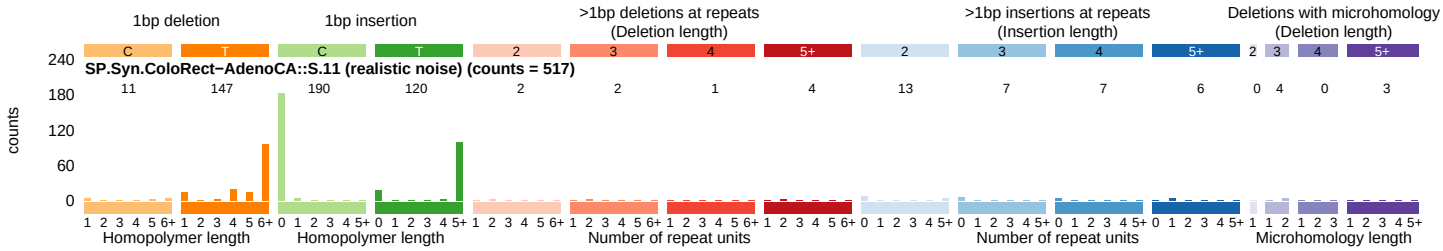
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.10 (realistic noise) (counts = 2119)
counts
Homopolymer length
Number of repeat units
Microhomology length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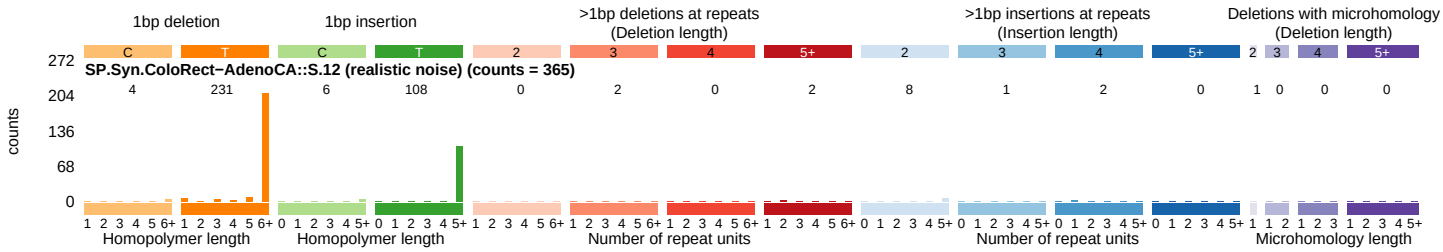
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.11 (realistic noise) (counts = 517)
counts
Homopolymer length
Number of repeat units
Microhomology length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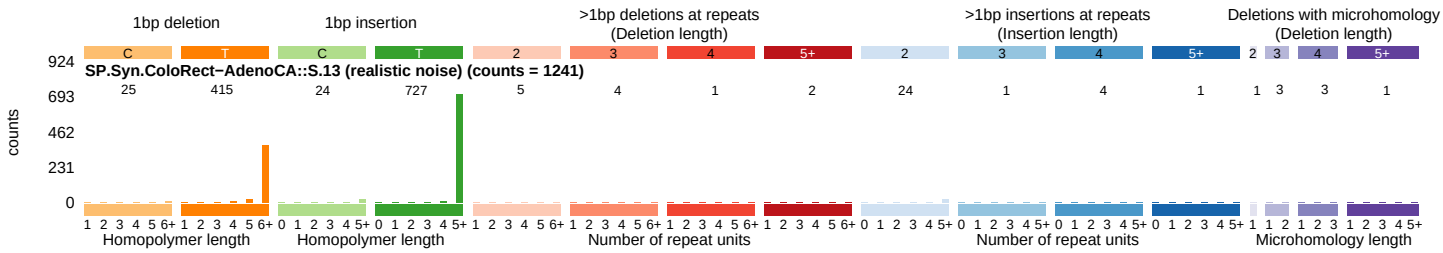
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.12 (realistic noise) (counts = 365)
counts
Homopolymer length
Number of repeat units
Microhomology length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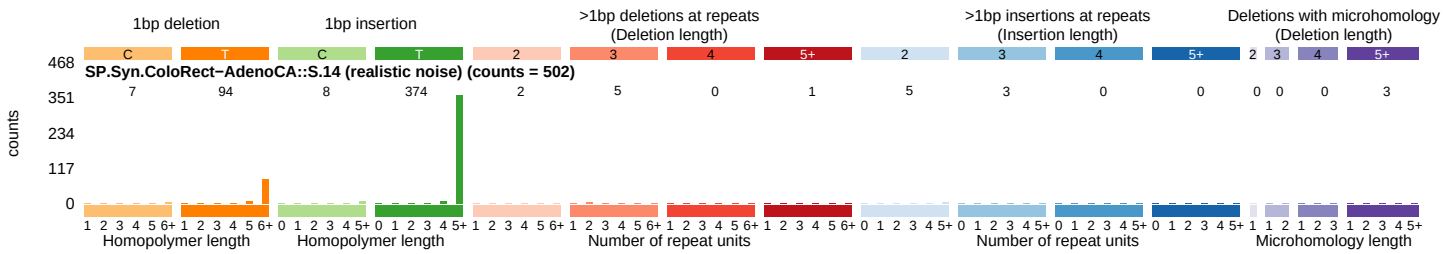
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.13 (realistic noise) (counts = 1241)
counts
Homopolymer length
Number of repeat units
Microhomology length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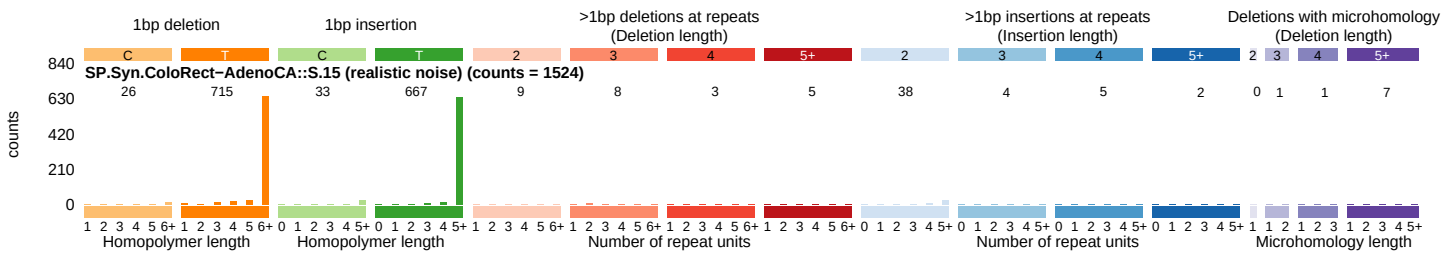
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.14 (realistic noise) (counts = 502)
counts
Homopolymer length
Number of repeat units
Microhomology length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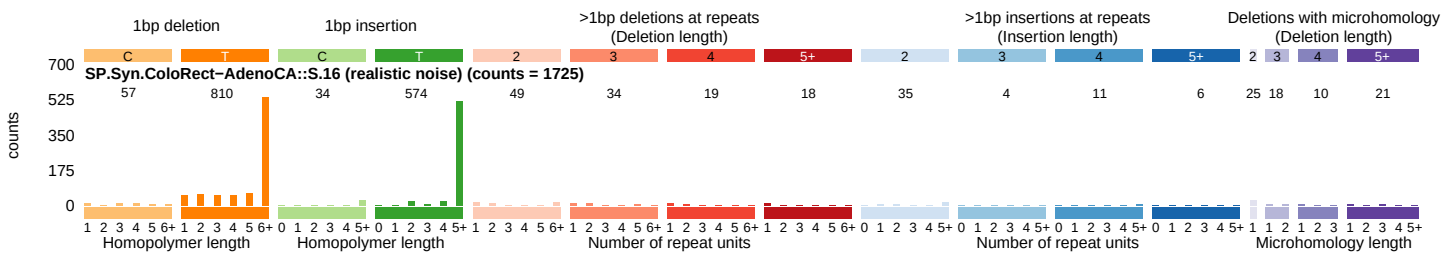
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.15 (realistic noise) (counts = 1524)
counts
Homopolymer length
Number of repeat units
Microhomology length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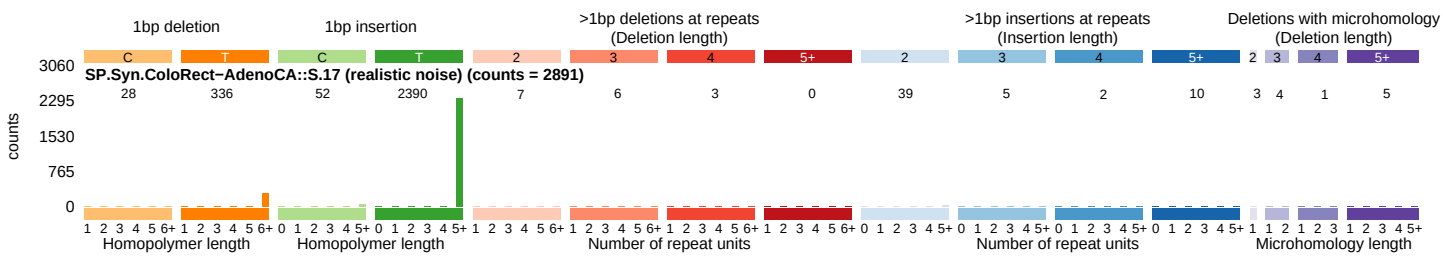
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.16 (realistic noise) (counts = 1725)
counts
Homopolymer length
Number of repeat units
Microhomology length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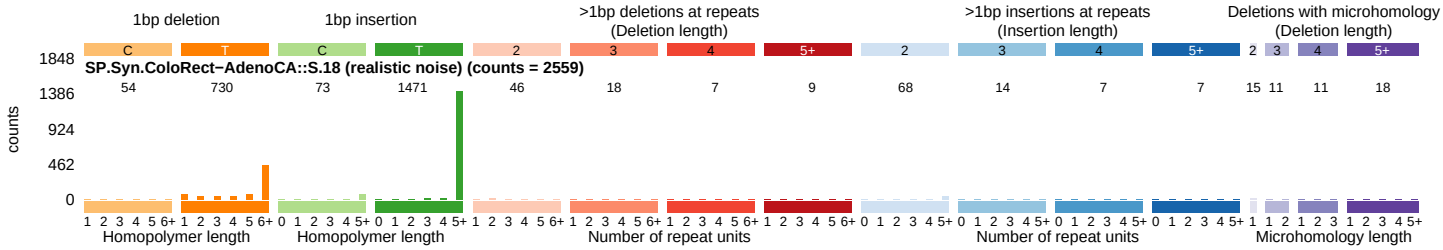
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.17 (realistic noise) (counts = 2891)
counts
Homopolymer length
Number of repeat units
Microhomology length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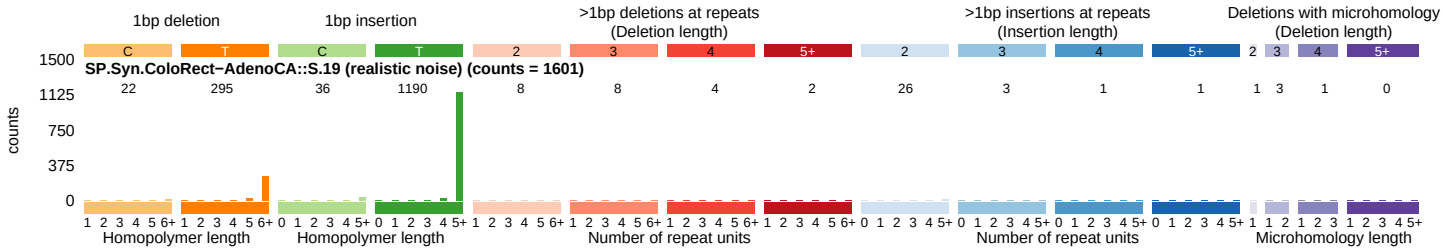
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.18 (realistic noise) (counts = 2559)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
54 730 73 1471 46 18 7 9 68 14 7 7 15 11 11 18
counts
1848 1386 924 462 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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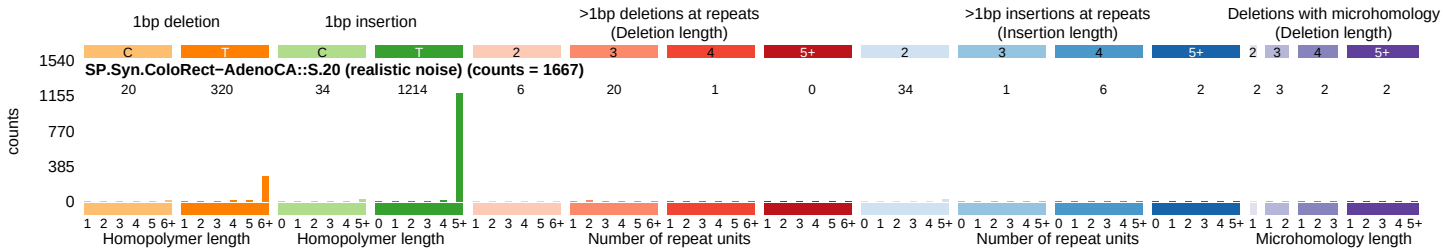
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.19 (realistic noise) (counts = 1601)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
22 295 36 1190 8 8 4 2 26 3 1 1 1 3 1 0
counts
1500 1125 750 375 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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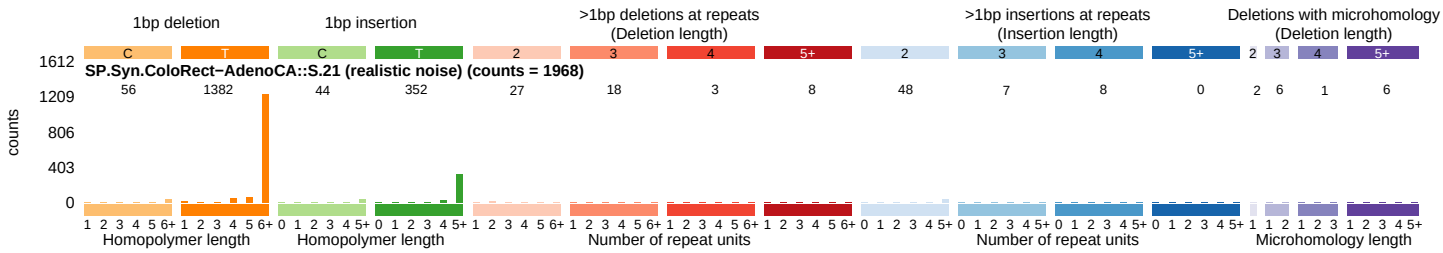
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.20 (realistic noise) (counts = 1667)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
20 320 34 1214 6 20 1 0 34 1 6 2 2 3 2 2
counts
1540 1155 770 385 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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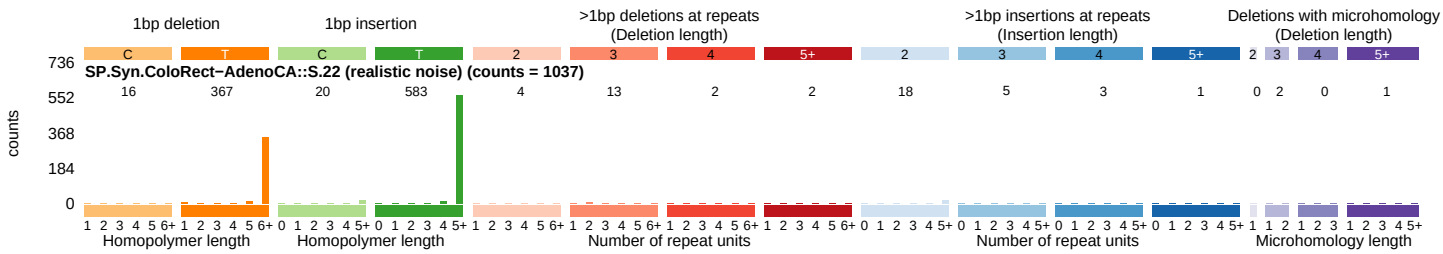
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.21 (realistic noise) (counts = 1968)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
56 1382 44 352 27 18 3 8 48 7 8 0 2 6 1 6
counts
1612 1209 806 403 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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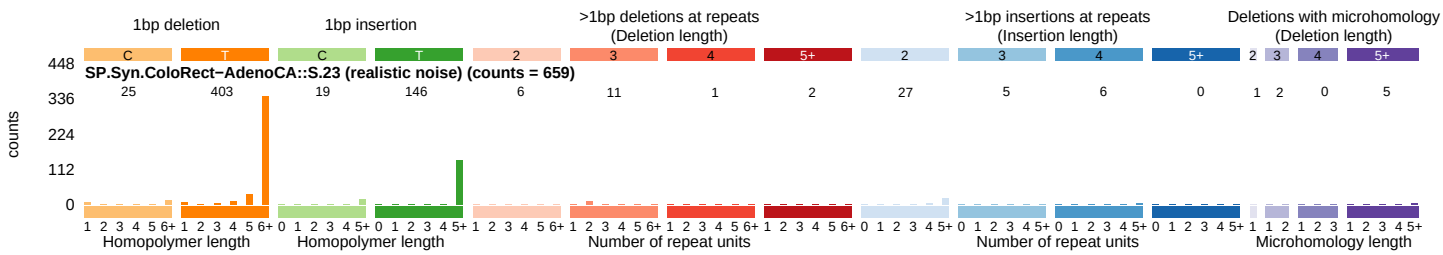
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.22 (realistic noise) (counts = 1037)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
16 367 20 583 4 13 2 2 18 5 3 1 0 2 0 1
counts
736 552 368 184 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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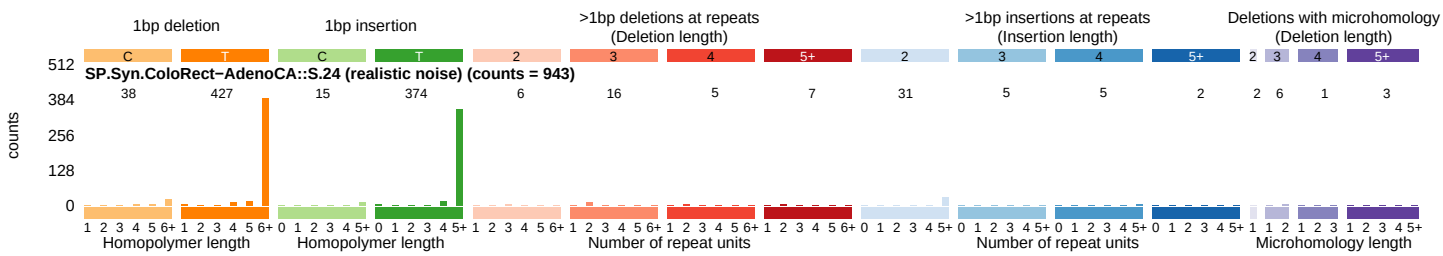
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.23 (realistic noise) (counts = 659)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
25 403 19 146 6 11 1 2 27 5 6 0 1 2 0 5
counts
448 336 224 112 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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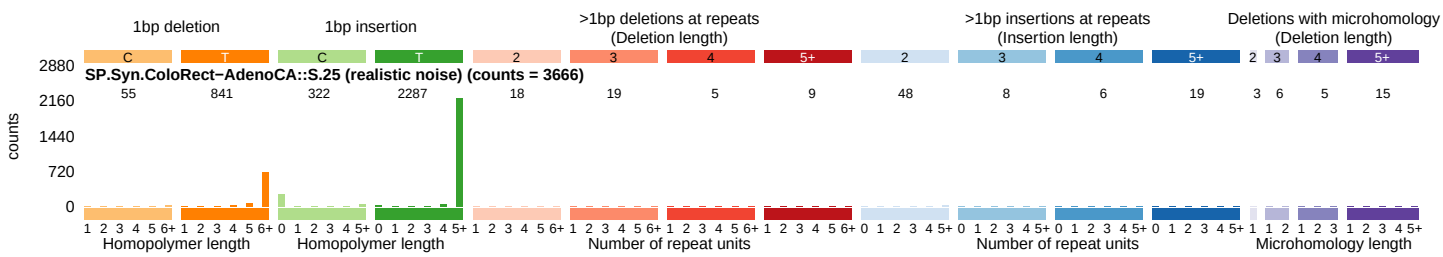
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.24 (realistic noise) (counts = 943)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
38 427 15 374 6 16 5 7 31 5 5 2 2 6 1 3
counts
512 384 256 128 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 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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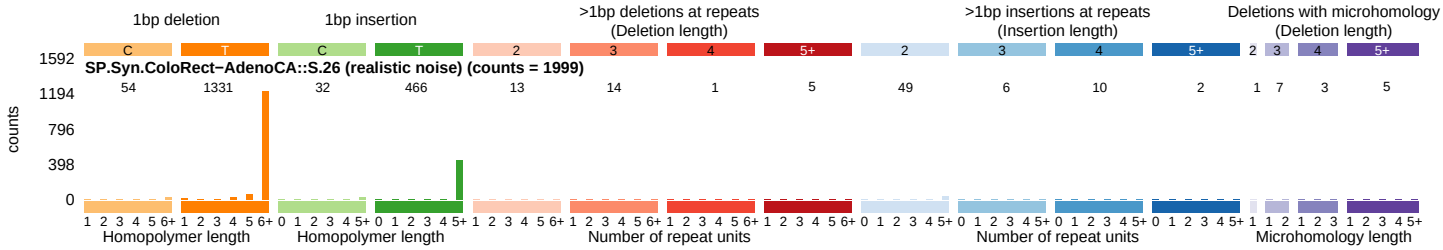
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.25 (realistic noise) (counts = 3666)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
55 841 322 2287 18 19 5 9 48 8 6 19 3 6 5 15
counts
2880 2160 1440 720 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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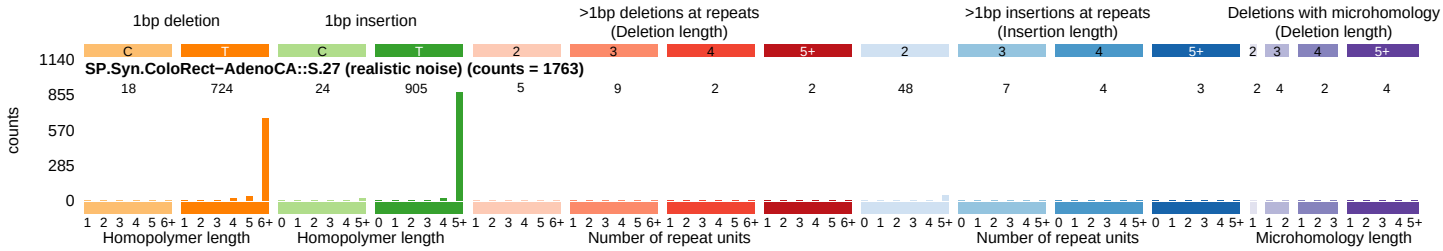
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.26 (realistic noise) (counts = 1999)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
54 1331 32 466 13 14 1 5 49 6 10 2 1 7 3 5
counts
1592 1194 796 398 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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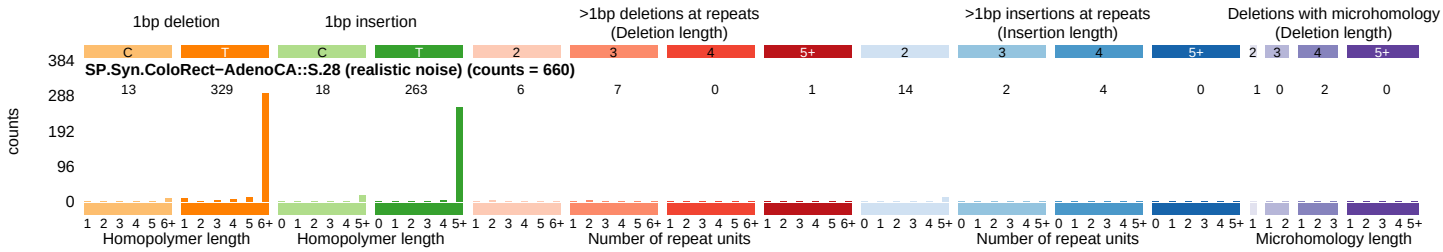
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.27 (realistic noise) (counts = 1763)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
18 724 24 905 5 9 2 2 48 7 4 3 2 4 2 4
counts
1140 855 570 285 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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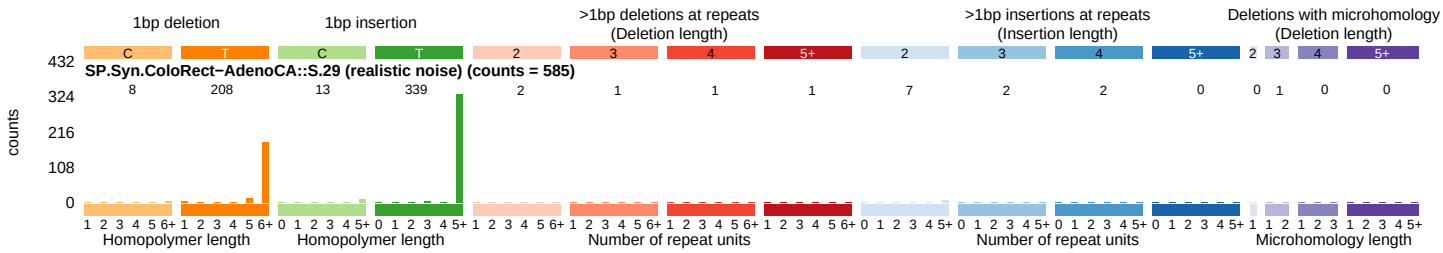
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.28 (realistic noise) (counts = 660)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
13 329 18 263 6 7 0 1 14 2 4 0 1 0 2 0
counts
384 288 192 96 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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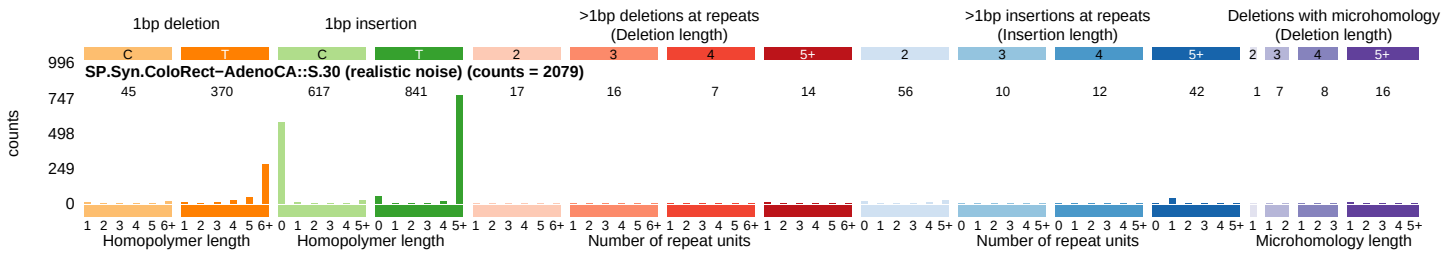
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.29 (realistic noise) (counts = 585)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
8 208 13 339 2 1 1 1 7 2 2 0 0 1 0 0
counts
432 324 216 108 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 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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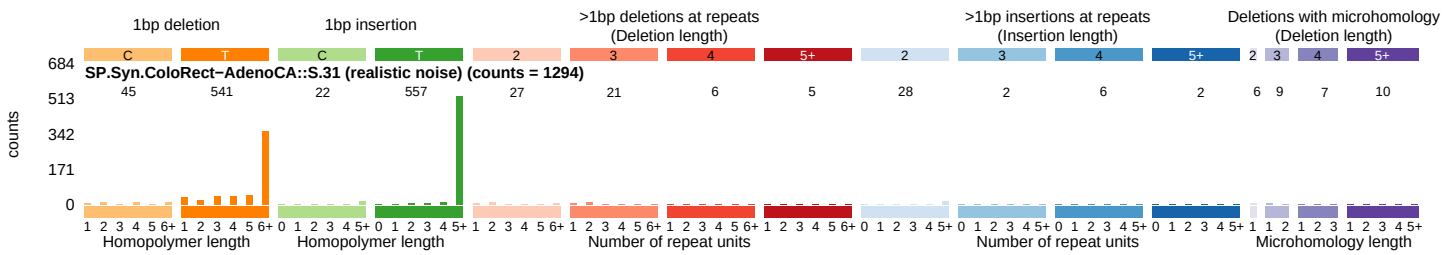
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.30 (realistic noise) (counts = 2079)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
45 370 617 841 17 16 7 14 56 10 12 42 1 7 8 16
counts
996 747 498 249 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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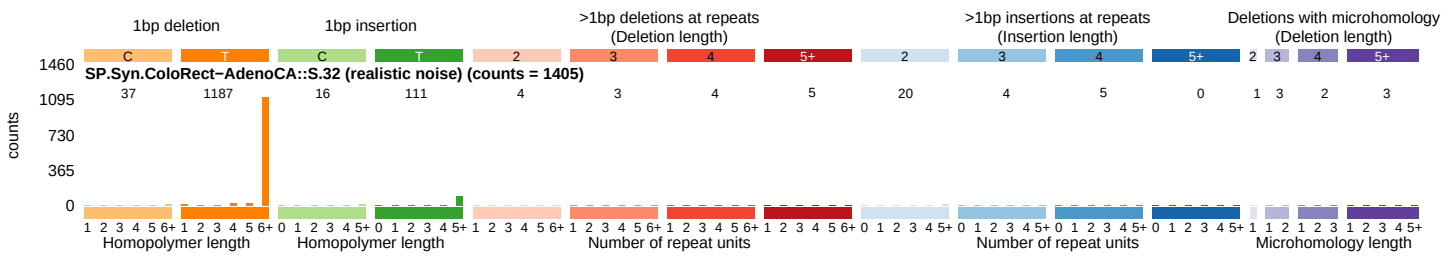
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.31 (realistic noise) (counts = 1294)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
45 541 22 557 27 21 6 5 28 2 6 2 6 9 7 10
counts
684 513 342 171 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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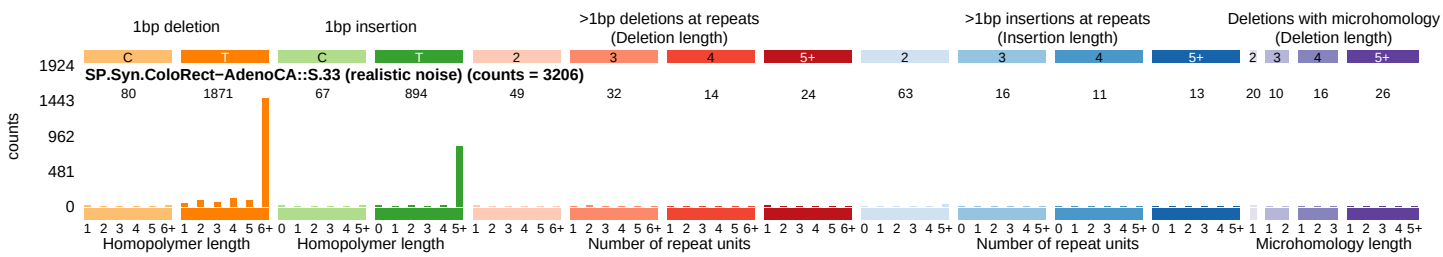
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.32 (realistic noise) (counts = 1405)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
37 1187 16 111 4 3 4 5 20 4 5 0 1 3 2 3
counts
1460 1095 730 365 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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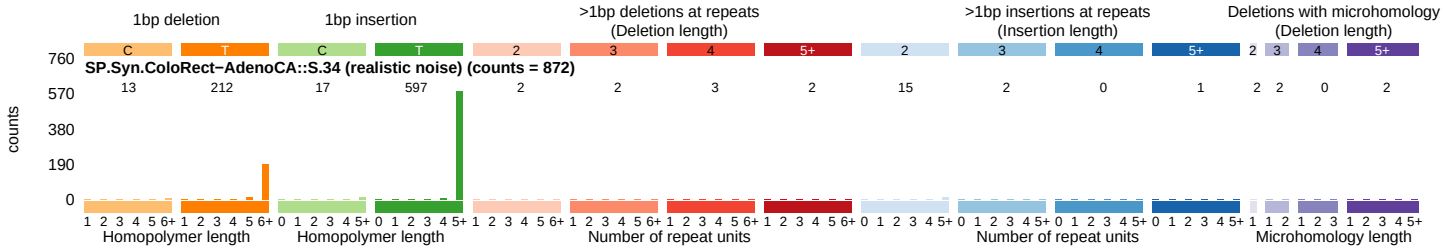
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.33 (realistic noise) (counts = 3206)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
80 1871 67 894 49 32 14 24 63 16 11 13 20 10 16 26
counts
1924 1443 962 481 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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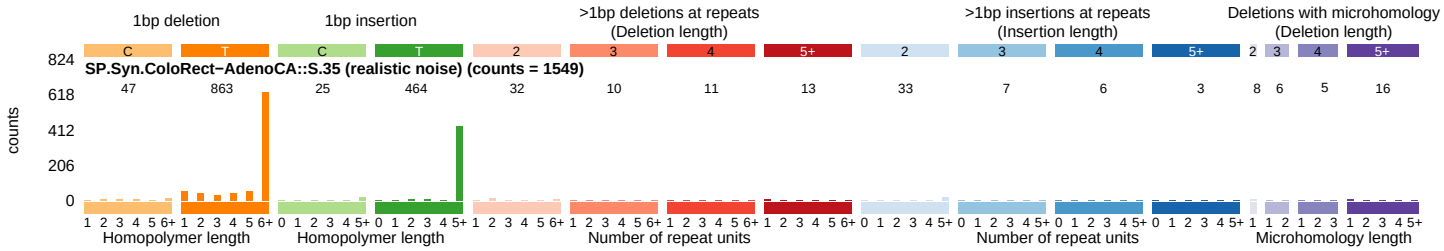
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.34 (realistic noise) (counts = 872)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
13 212 17 597 2 2 3 2 15 2 0 1 2 2 0 2
counts
760 570 380 190 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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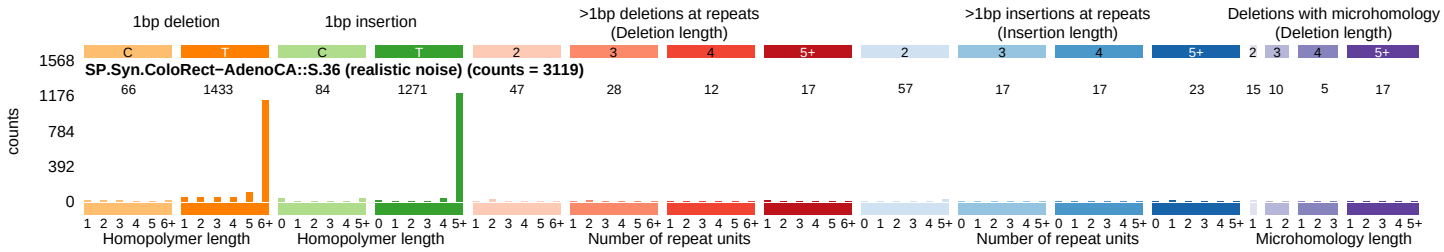
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.35 (realistic noise) (counts = 1549)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
47 863 25 464 32 10 11 13 33 7 6 3 8 6 5 16
counts
824 618 412 206 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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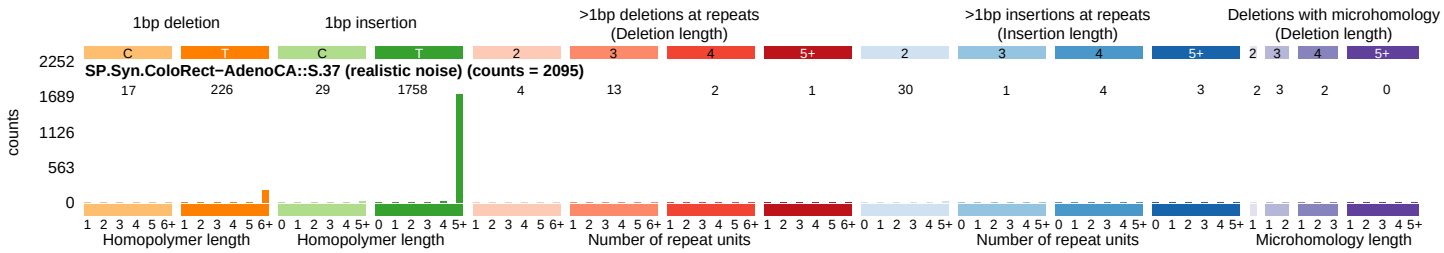
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.36 (realistic noise) (counts = 3119)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
66 1433 84 1271 47 28 12 17 57 17 17 23 15 10 5 17
counts
1568 1176 784 392 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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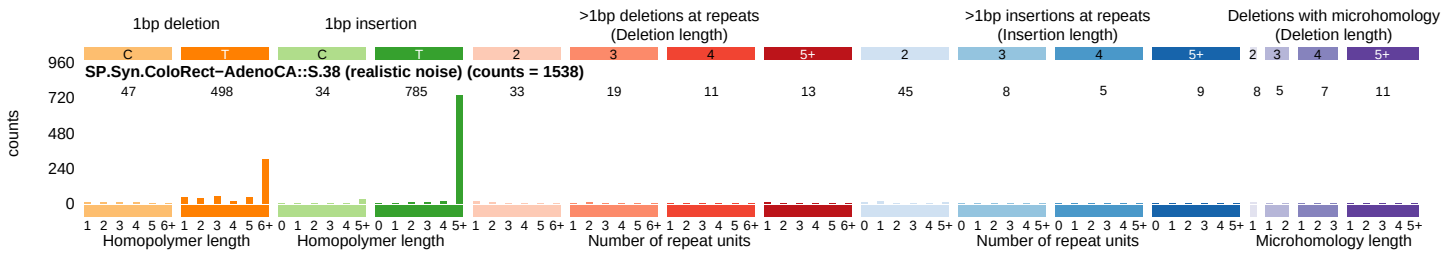
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.37 (realistic noise) (counts = 2095)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
17 226 29 1758 4 13 2 1 30 1 4 3 2 3 2 0
counts
2252 1689 1126 563 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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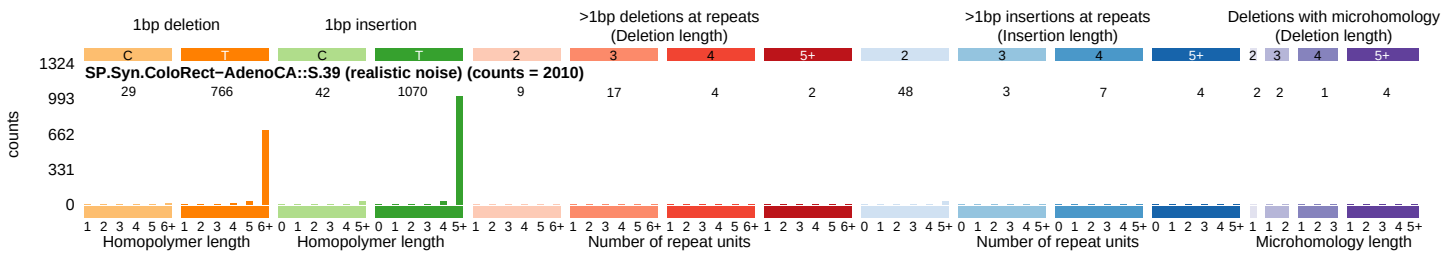
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.38 (realistic noise) (counts = 1538)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
47 498 34 785 33 19 11 13 45 8 5 9 8 5 7 11
counts
960 720 480 240 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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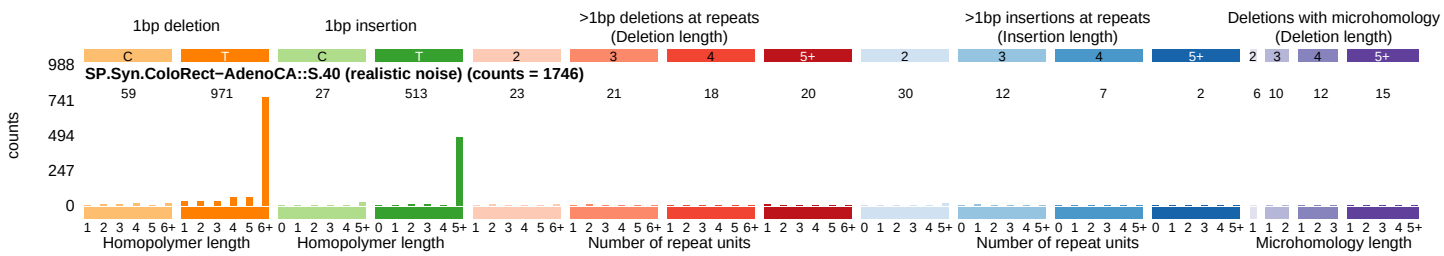
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.39 (realistic noise) (counts = 2010)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
29 766 42 1070 9 17 4 2 48 3 7 4 2 2 1 4
counts
1324 993 662 331 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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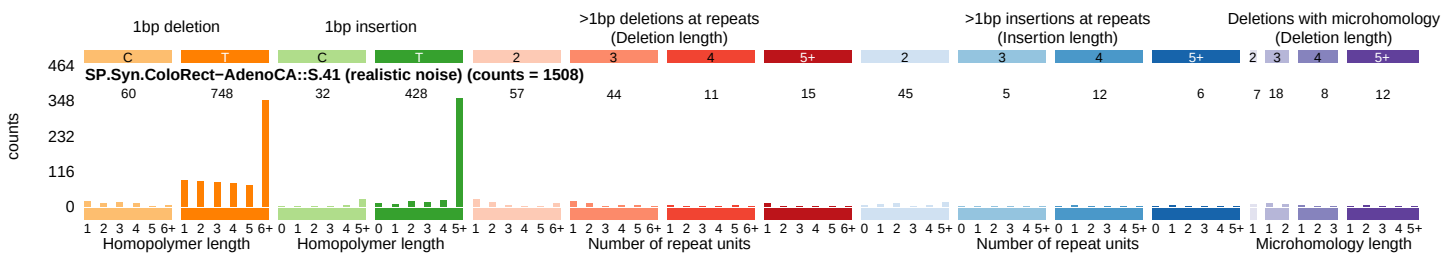
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.40 (realistic noise) (counts = 1746)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
59 971 27 513 23 21 18 20 30 12 7 2 6 10 12 15
counts
988 741 494 247 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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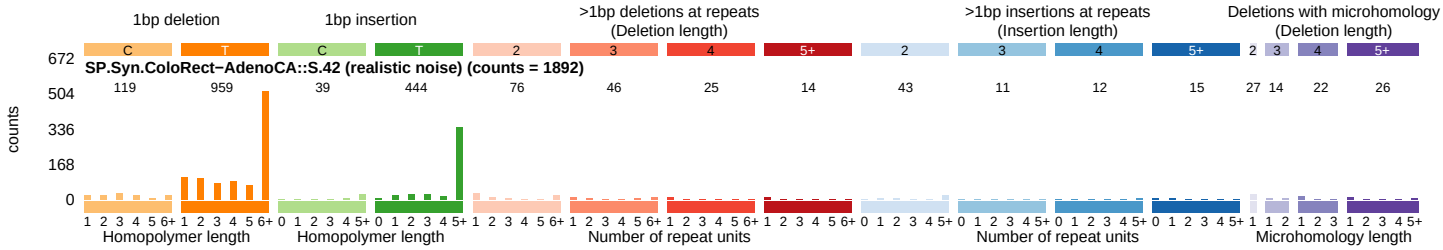
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.41 (realistic noise) (counts = 1508)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
60 748 32 428 57 44 11 15 45 5 12 6 7 18 8 12
counts
464 348 232 116 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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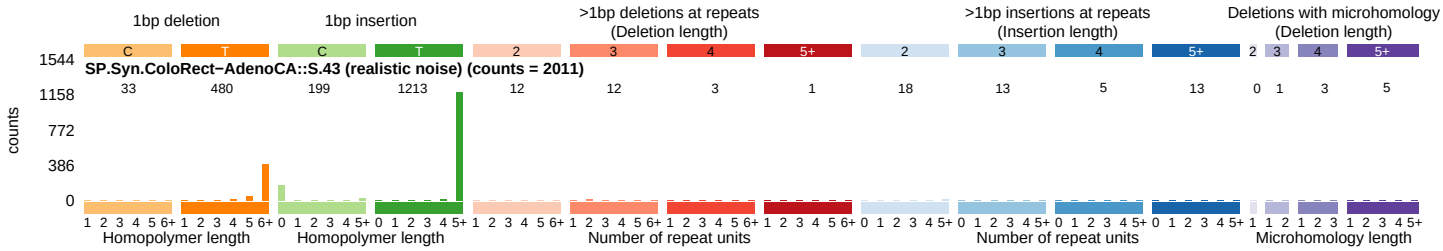
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.42 (realistic noise) (counts = 1892)
counts
Homopolymer length
Number of repeat units
Microhomology length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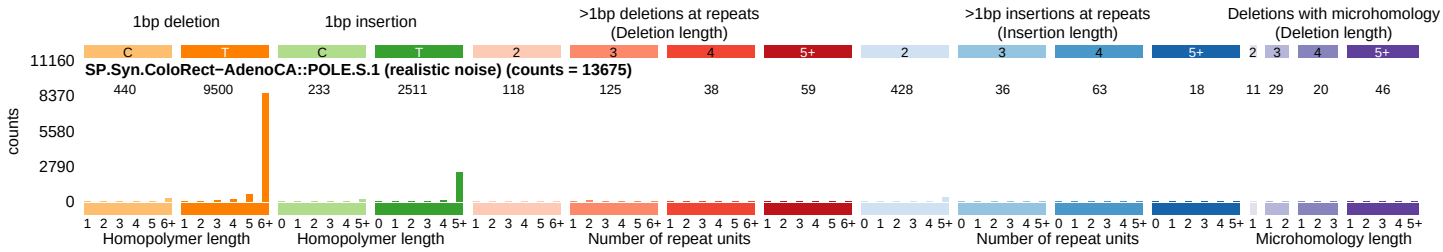
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.43 (realistic noise) (counts = 2011)
counts
Homopolymer length
Number of repeat units
Microhomology length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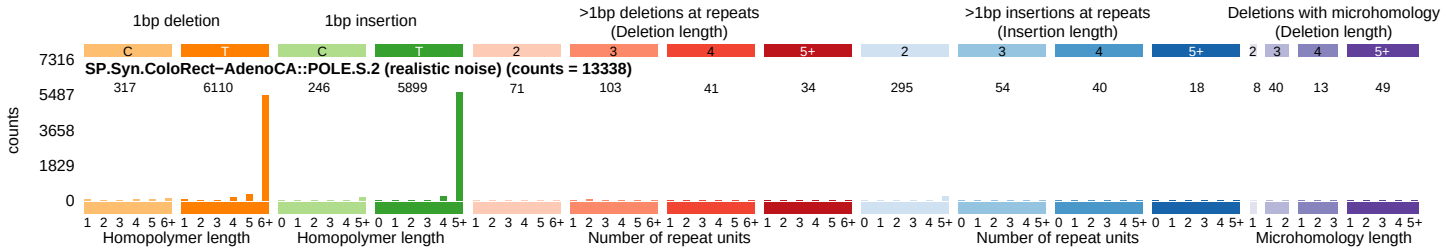
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.1 (realistic noise) (counts = 13675)
counts
Homopolymer length
Number of repeat units
Microhomology length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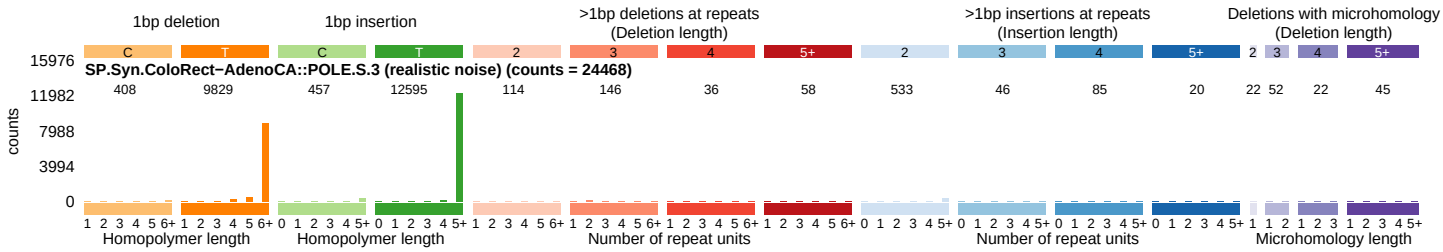
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.2 (realistic noise) (counts = 13338)
counts
Homopolymer length
Number of repeat units
Microhomology length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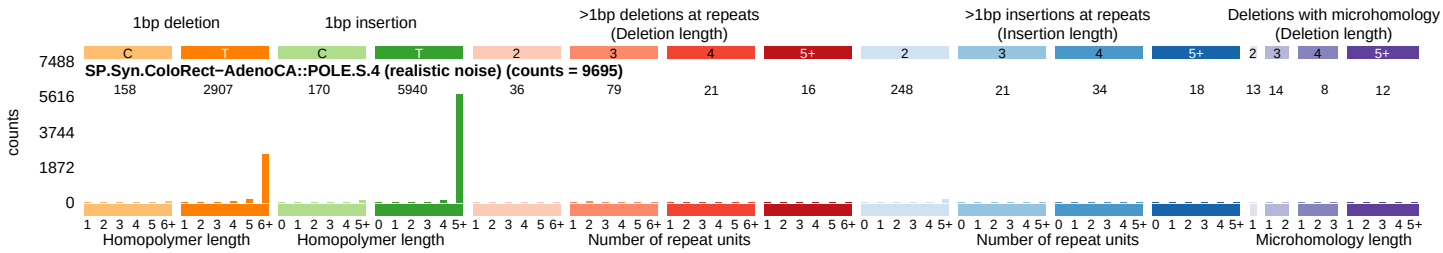
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.3 (realistic noise) (counts = 24468)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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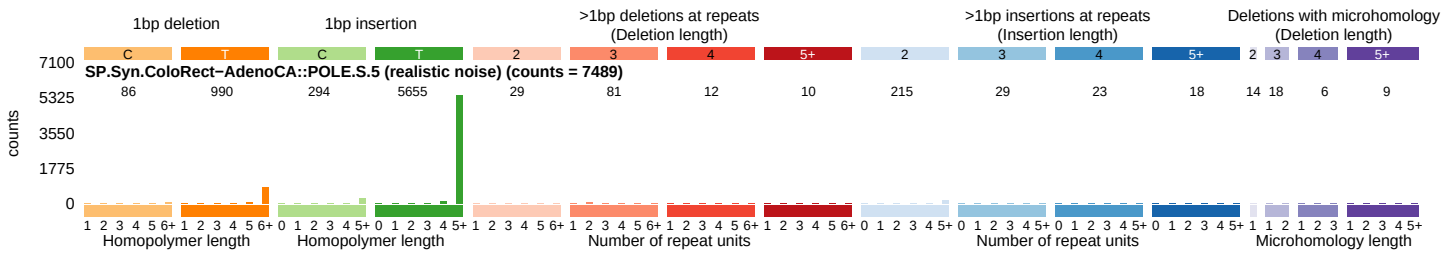
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.4 (realistic noise) (counts = 9695)
counts
Homopolymer length
Number of repeat units
Microhomology length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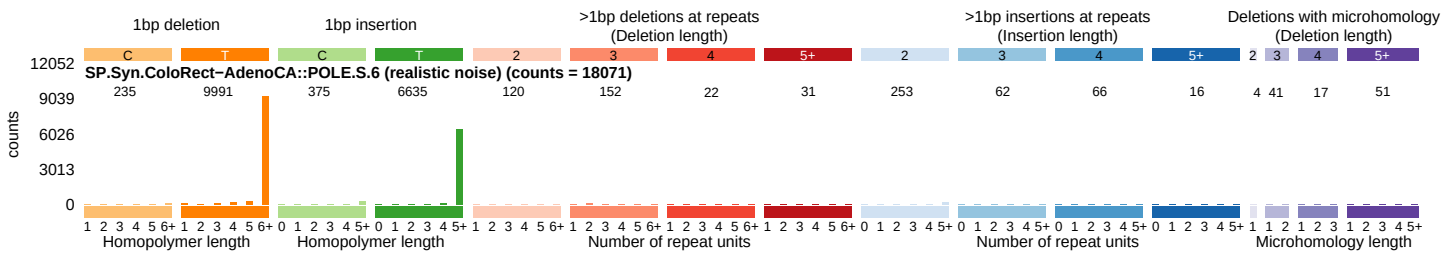
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.5 (realistic noise) (counts = 7489)
counts
Homopolymer length
Number of repeat units
Microhomology length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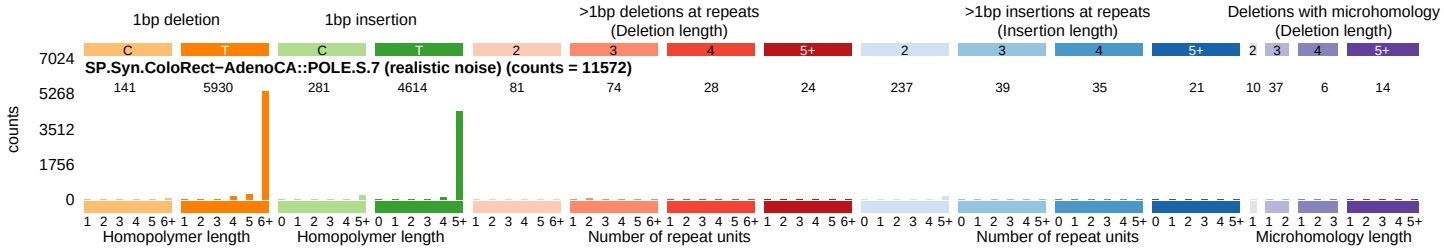
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.6 (realistic noise) (counts = 18071)
counts
Homopolymer length
Number of repeat units
Microhomology length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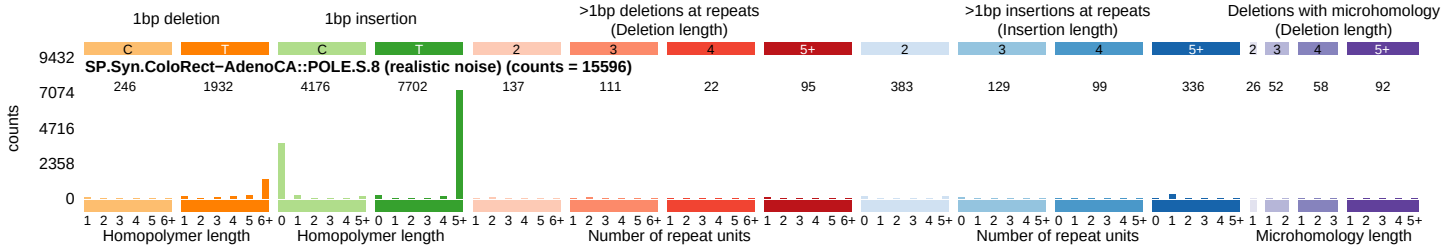
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.ColoRect−AdenoCA::POLE.S.7 (realistic noise) (counts = 11572)
141 5930 281 4614 81 74 28 24 237 39 35 21 10 37 6 14
counts
7024 5268 3512 1756 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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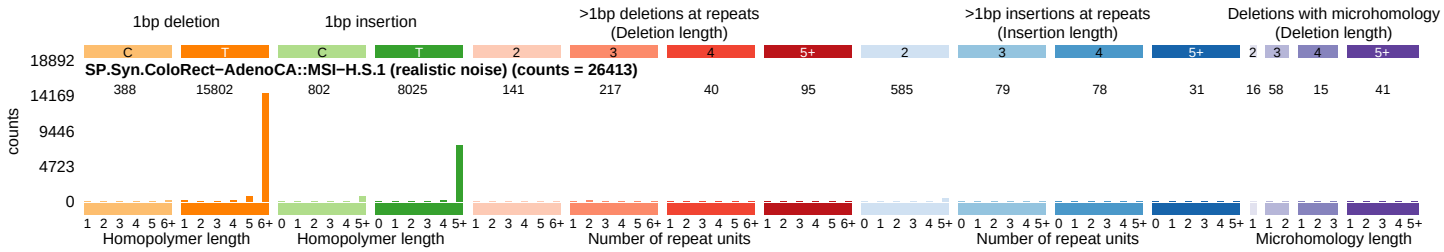
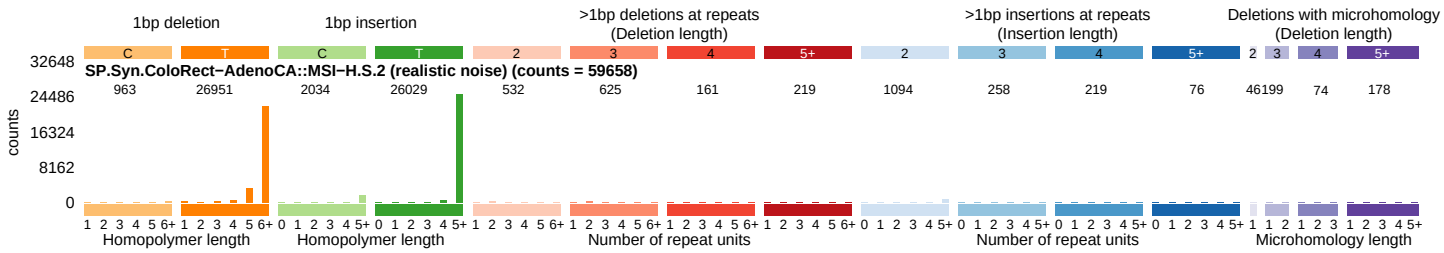
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.ColoRect−AdenoCA::POLE.S.8 (realistic noise) (counts = 15596)
246 1932 4176 7702 137 111 22 95 383 129 99 336 26 52 58 92
counts
9432 7074 4716 2358 0
Homopolymer length
Homopolymer length
Number of repeat units
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 (realistic noise) (counts = 26413)
388 15802 802 8025 141 217 40 95 585 79 78 31 16 58 15 41
counts
18892 14169 9446 4723 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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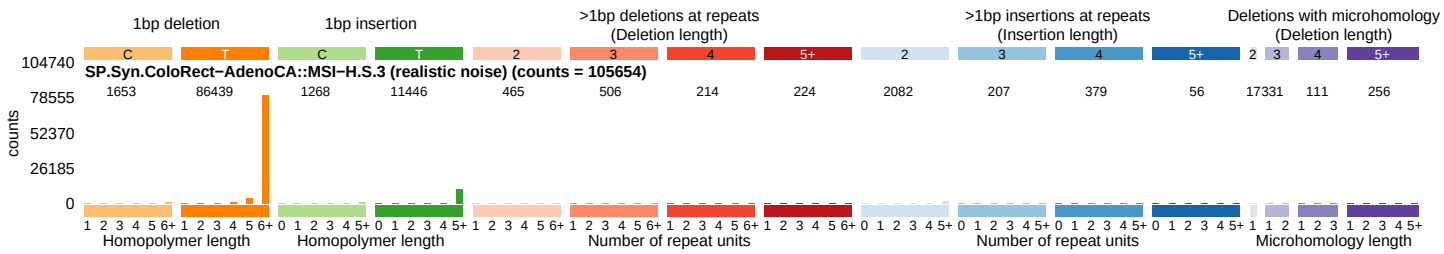
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.ColoRect−AdenoCA::MSI−H.S.2 (realistic noise) (counts = 59658)
963 26951 2034 26029 532 625 161 219 1094 258 219 76 46199 74 178
counts
32648 24486 16324 8162 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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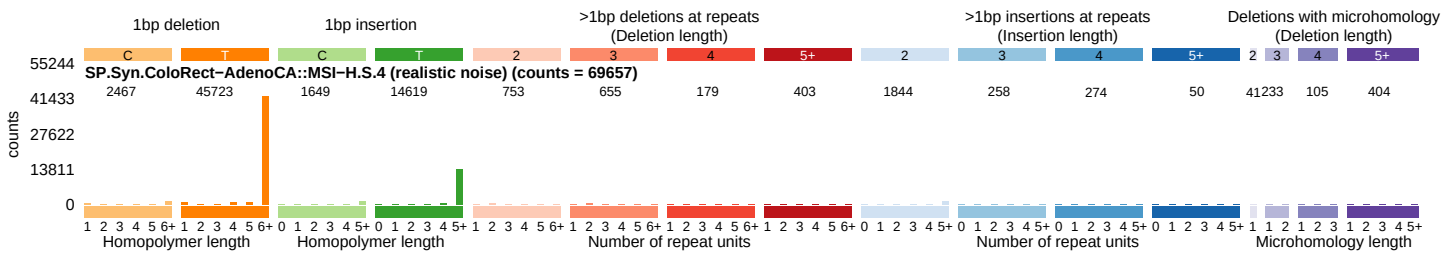
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.ColoRect−AdenoCA::MSI−H.S.3 (realistic noise) (counts = 105654)
1653 86439 1268 11446 465 506 214 224 2082 207 379 56 17331 111 256
counts
104740 78555 52370 26185 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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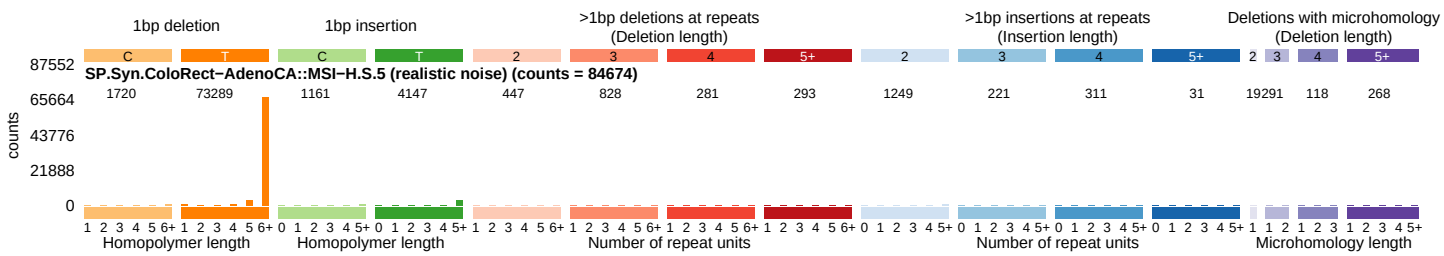
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.ColoRect−AdenoCA::MSI−H.S.4 (realistic noise) (counts = 69657)
2467 45723 1649 14619 753 655 179 403 1844 258 274 50 41233 105 404
counts
55244 41433 27622 13811 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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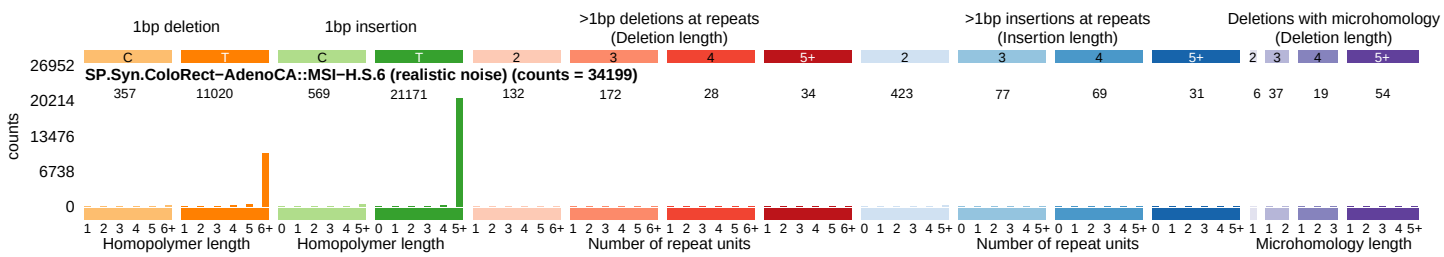
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.ColoRect−AdenoCA::MSI−H.S.5 (realistic noise) (counts = 84674)
1720 73289 1161 4147 447 828 281 293 1249 221 311 31 19291 118 268
counts
87552 65664 43776 21888 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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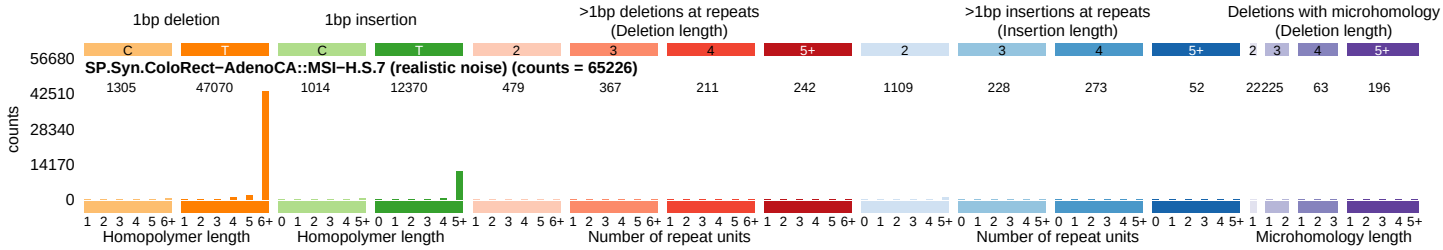
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.ColoRect−AdenoCA::MSI−H.S.6 (realistic noise) (counts = 34199)
357 11020 569 21171 132 172 28 34 423 77 69 31 6 37 19 54
counts
26952 20214 13476 6738 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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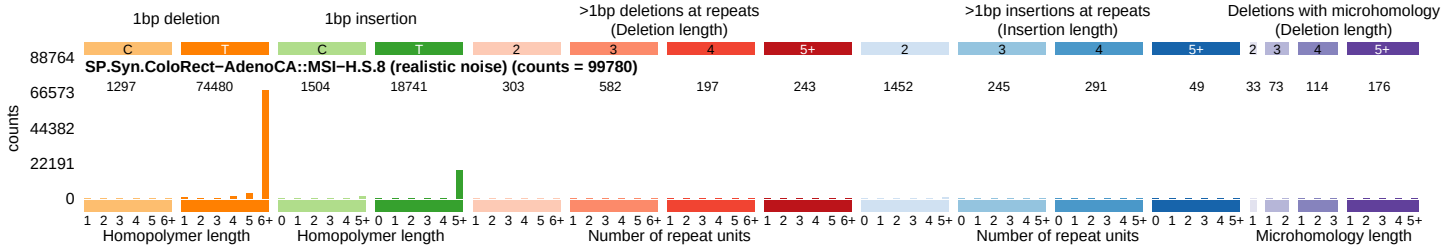
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.7 (realistic noise) (counts = 65226)
counts
Homopolymer length
Number of repeat units
Microhomology length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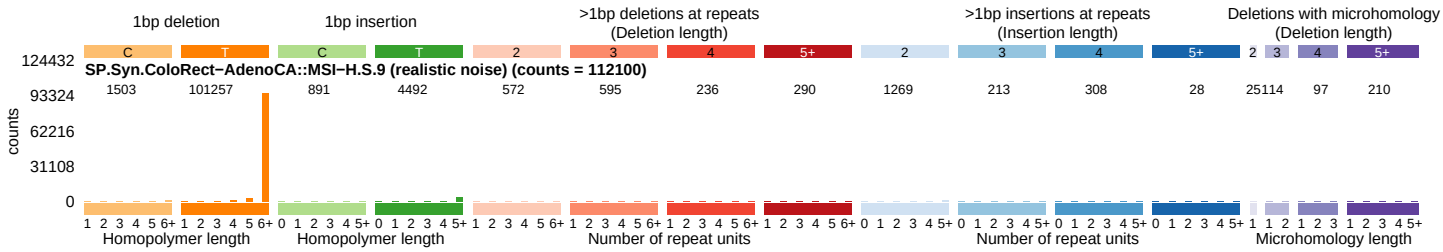
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.8 (realistic noise) (counts = 99780)
counts
Homopolymer length
Number of repeat units
Microhomology length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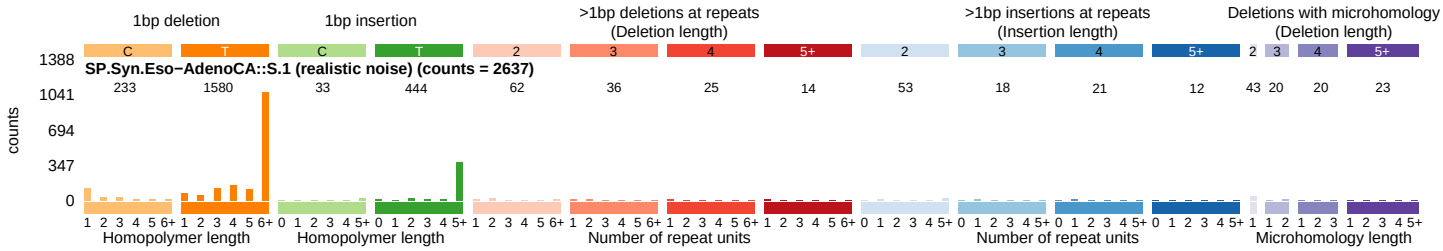
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.9 (realistic noise) (counts = 112100)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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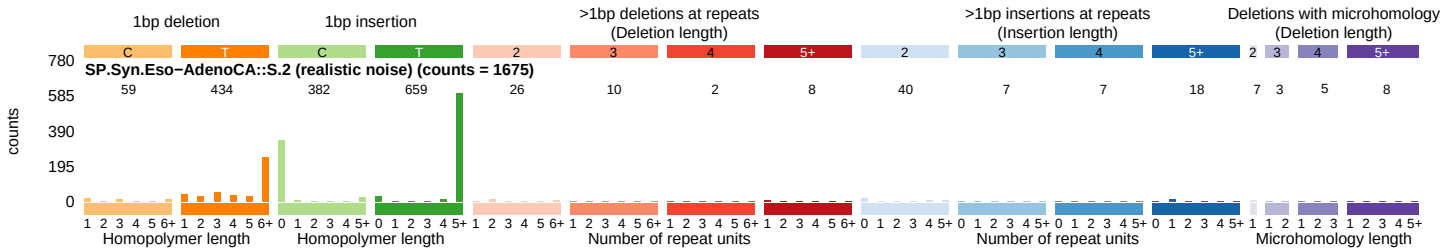
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.1 (realistic noise) (counts = 2637)
counts
Homopolymer length
Number of repeat units
Microhomology length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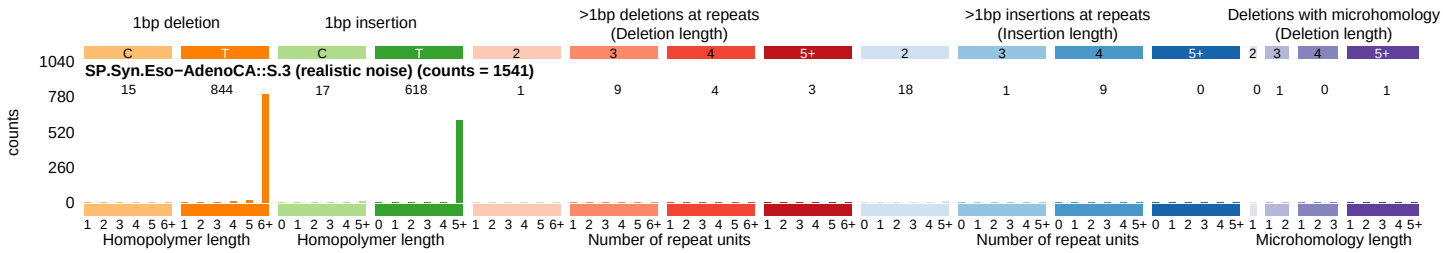
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.2 (realistic noise) (counts = 1675)
counts
Homopolymer length
Number of repeat units
Microhomology length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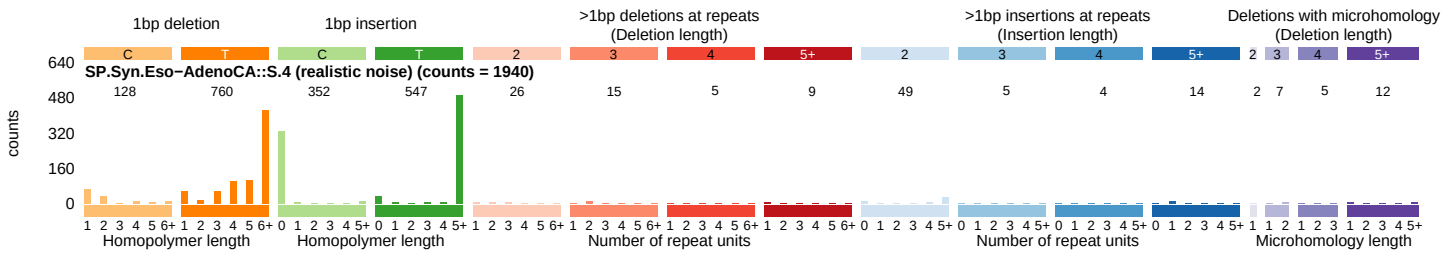
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.3 (realistic noise) (counts = 1541)
counts
Homopolymer length
Number of repeat units
Microhomology length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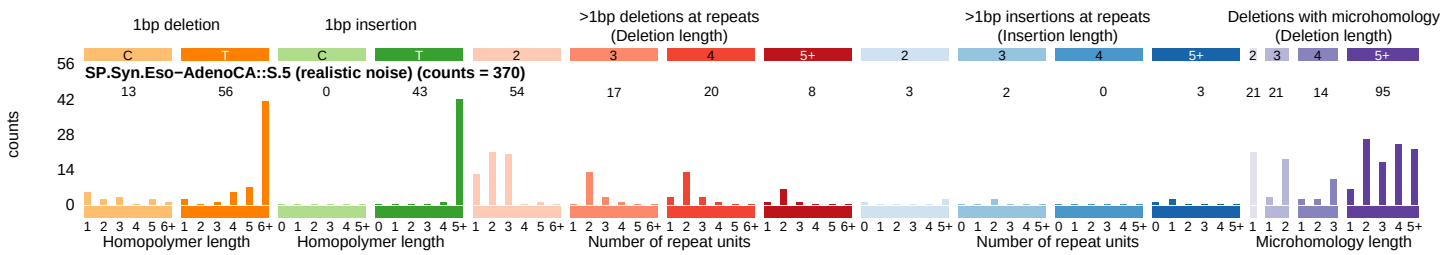
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.4 (realistic noise) (counts = 1940)
counts
Homopolymer length
Number of repeat units
Microhomology length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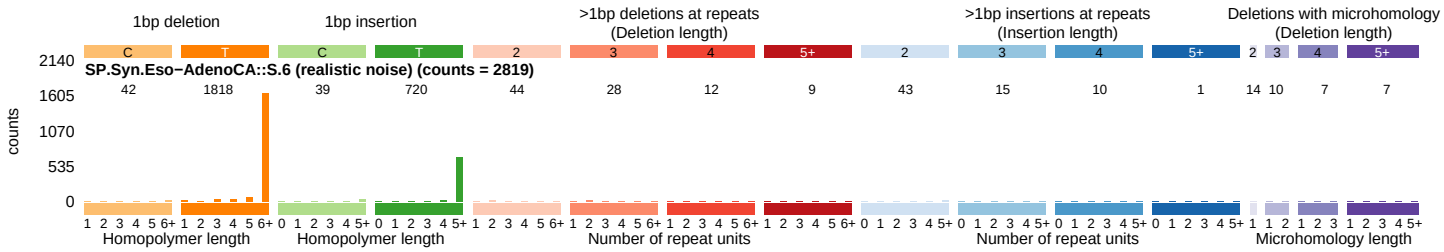
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.5 (realistic noise) (counts = 370)
counts
Homopolymer length
Number of repeat units
Microhomology length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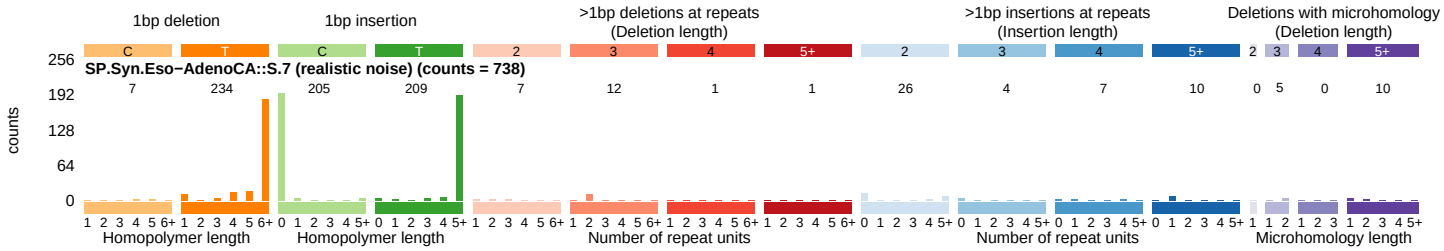
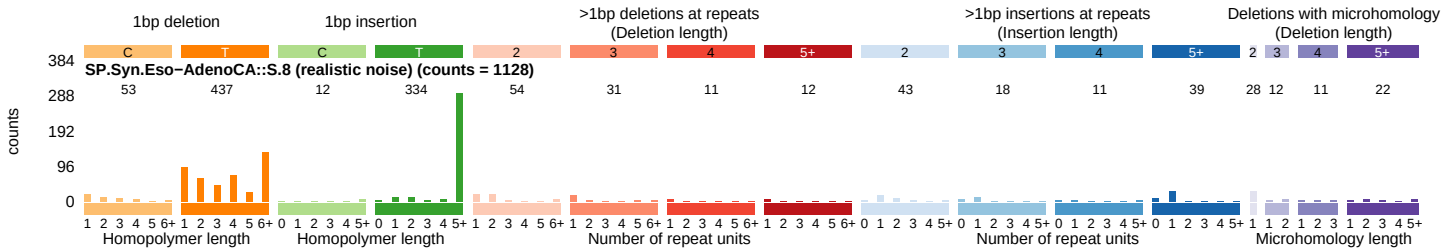
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.6 (realistic noise) (counts = 2819)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
42 1818 39 720 44 28 12 9 43 15 10 1 14 10 7 7
counts
2140 1605 1070 535 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.7 (realistic noise) (counts = 738)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
7 234 205 209 7 12 1 1 26 4 7 10 0 5 0 10
counts
256 192 128 64 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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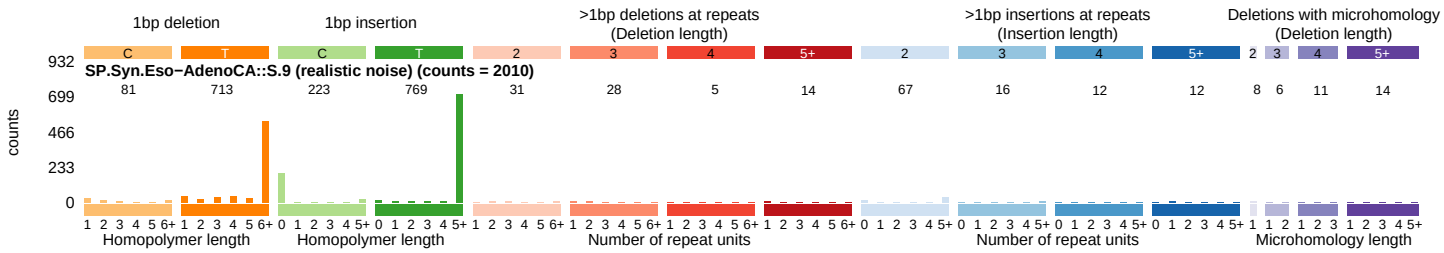
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.8 (realistic noise) (counts = 1128)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
53 437 12 334 54 31 11 12 43 18 11 39 28 12 11 22
counts
384 288 192 96 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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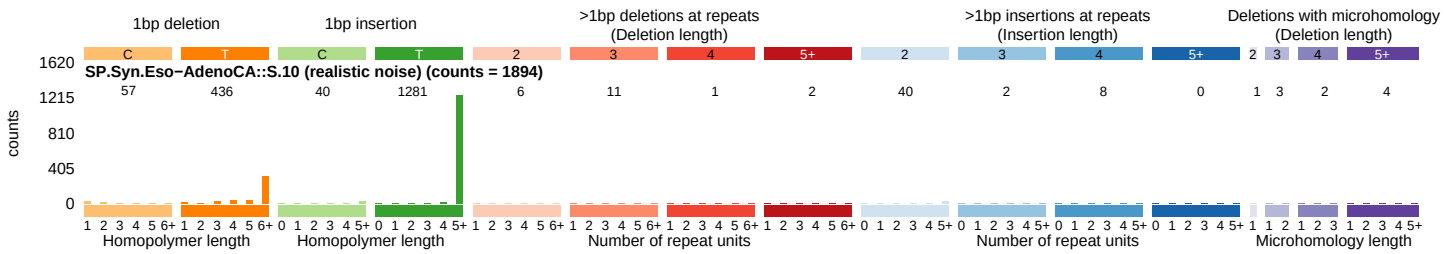
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.9 (realistic noise) (counts = 2010)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
81 713 223 769 31 28 5 14 67 16 12 12 8 6 11 14
counts
932 699 466 233 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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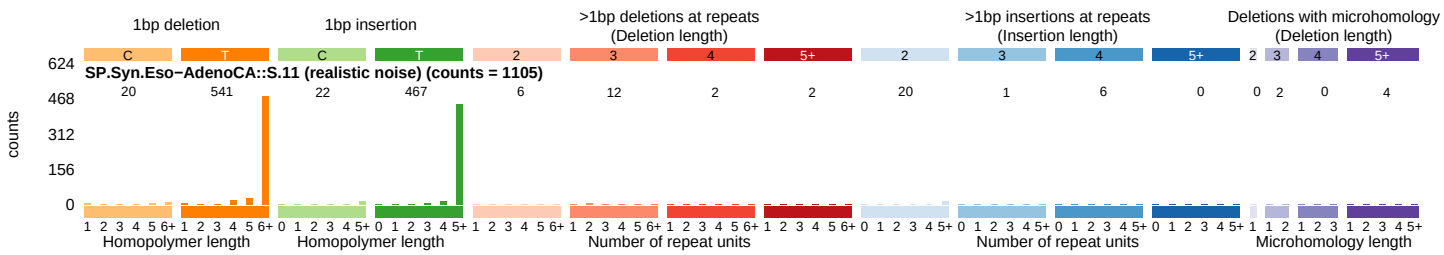
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.10 (realistic noise) (counts = 1894)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
57 436 40 1281 6 11 1 2 40 2 8 0 1 3 2 4
counts
1620 1215 810 405 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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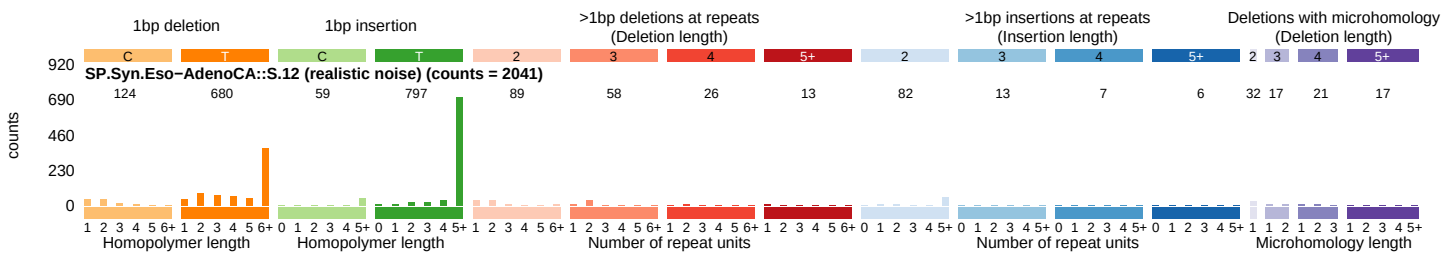
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.11 (realistic noise) (counts = 1105)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
20 541 22 467 6 12 2 2 20 1 6 0 0 2 0 4
counts
624 468 312 156 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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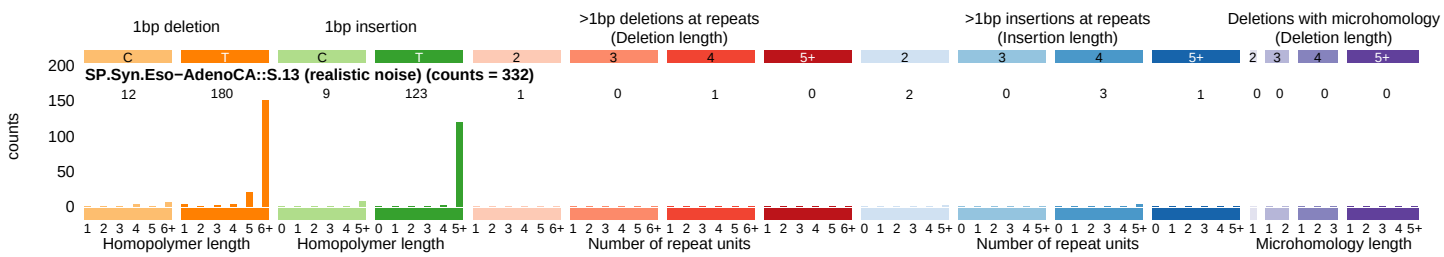
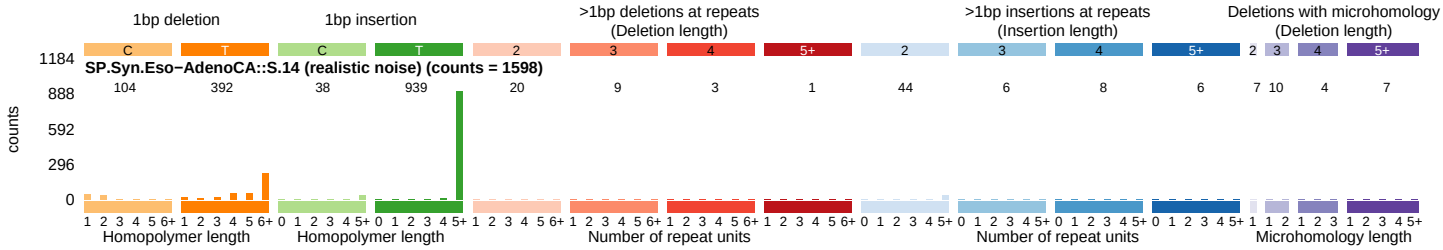
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.12 (realistic noise) (counts = 2041)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
124 680 59 797 89 58 26 13 82 13 7 6 32 17 21 17
counts
920 690 460 230 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology 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.13 (realistic noise) (counts = 332)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
12 180 9 123 1 0 1 0 2 0 3 1 0 0 0 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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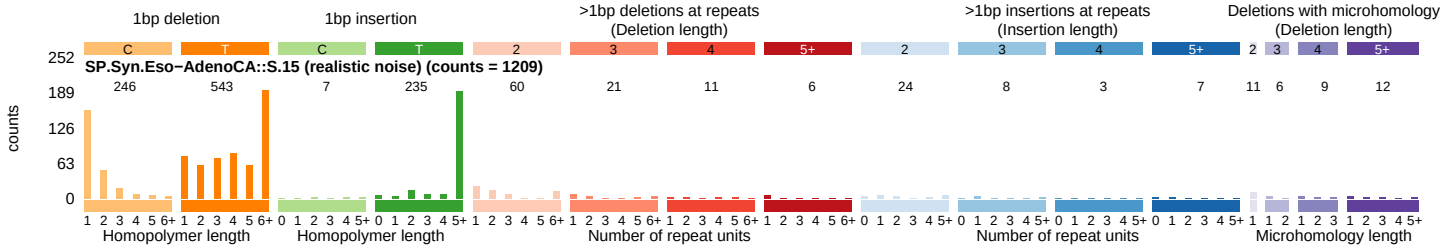
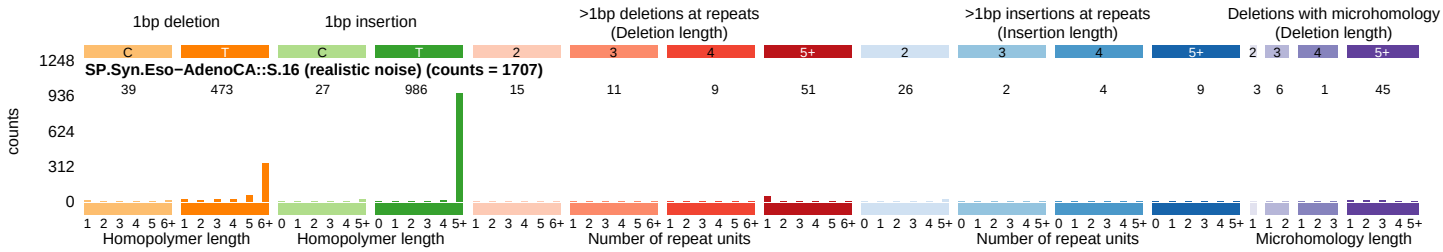
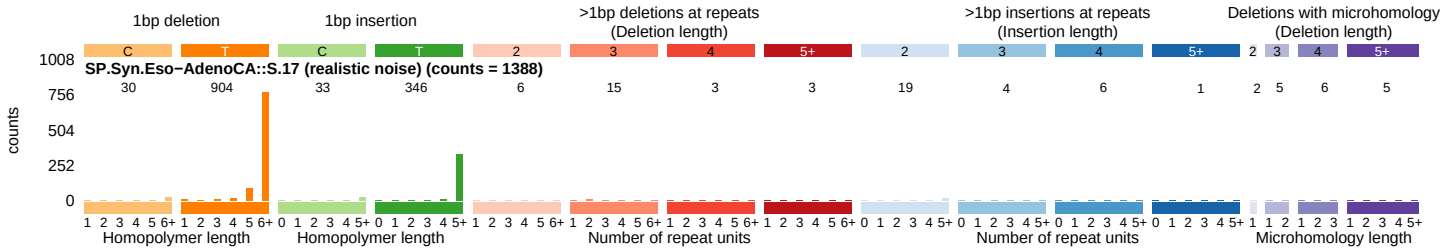
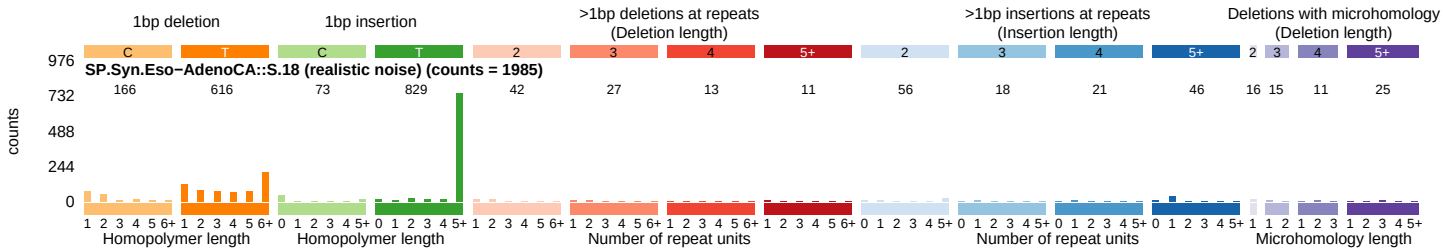
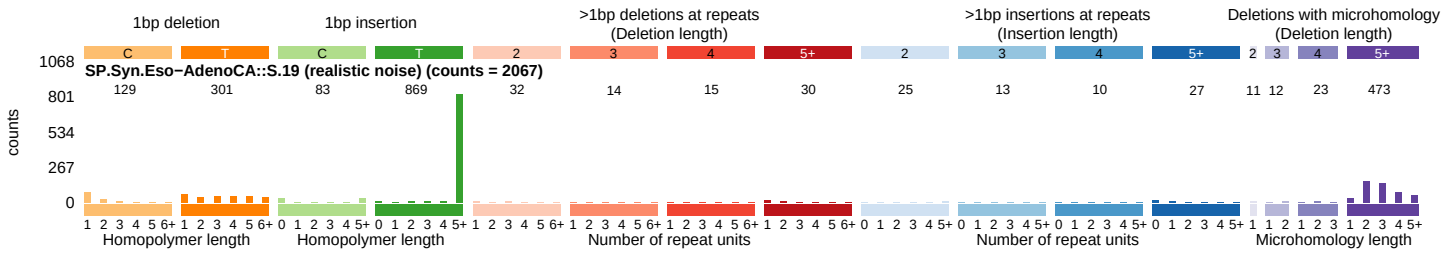
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.14 (realistic noise) (counts = 1598)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
104 392 38 939 20 9 3 1 44 6 8 6 7 10 4 7
counts
1184 888 592 296 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

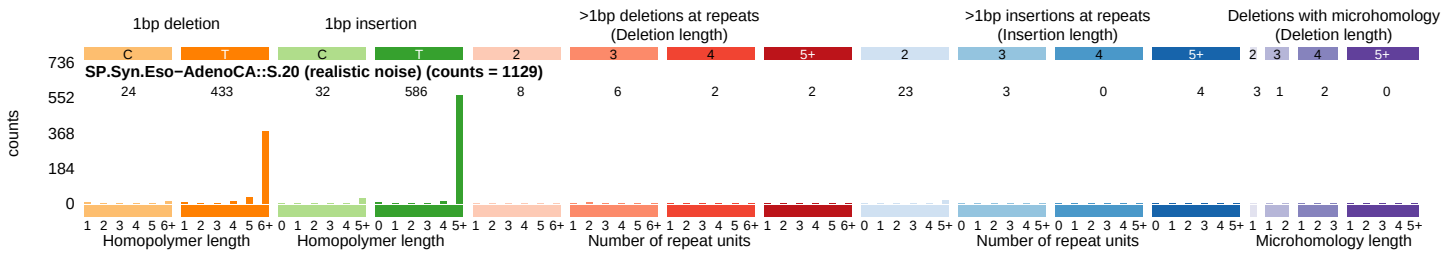

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.15 (realistic noise) (counts = 1209)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
246 543 7 235 60 21 11 6 24 8 3 7 11 6 9 12
counts
252 189 126 63 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.16 (realistic noise) (counts = 1707)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
39 473 27 986 15 11 9 51 26 2 4 9 3 6 1 45
counts
1248 936 624 312 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.17 (realistic noise) (counts = 1388)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
30 904 33 346 6 15 3 3 19 4 6 1 2 5 6 5
counts
1008 756 504 252 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.18 (realistic noise) (counts = 1985)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
166 616 73 829 42 27 13 11 56 18 21 46 16 15 11 25
counts
976 732 488 244 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.19 (realistic noise) (counts = 2067)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
129 301 83 869 32 14 15 30 25 13 10 27 11 12 23 473
counts
1068 801 534 267 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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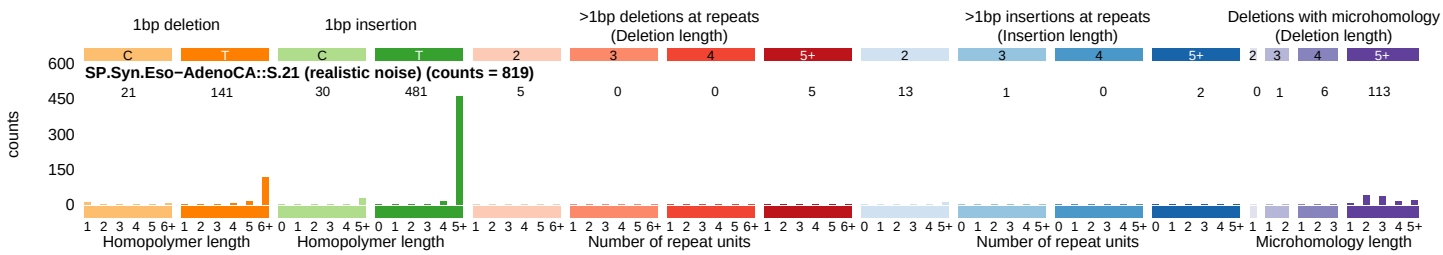
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.20 (realistic noise) (counts = 1129)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
24 433 32 586 8 6 2 2 23 3 0 4 3 1 2 0
counts
736 552 368 184 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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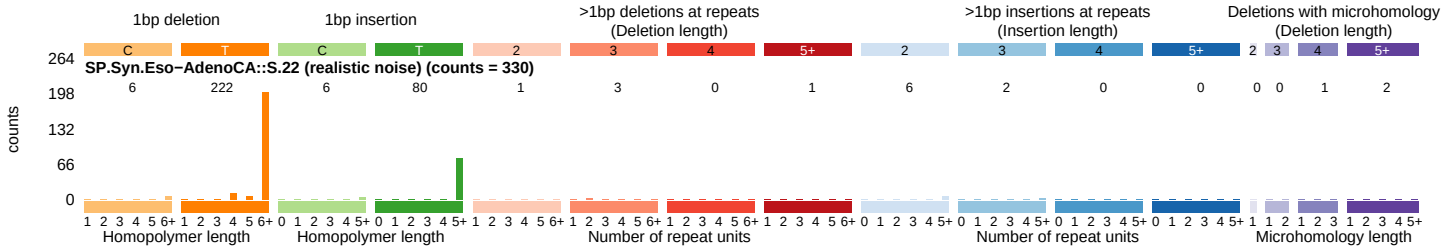
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.21 (realistic noise) (counts = 819)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
21 141 30 481 5 0 0 5 13 1 0 2 0 1 6 113
counts
600 450 300 150 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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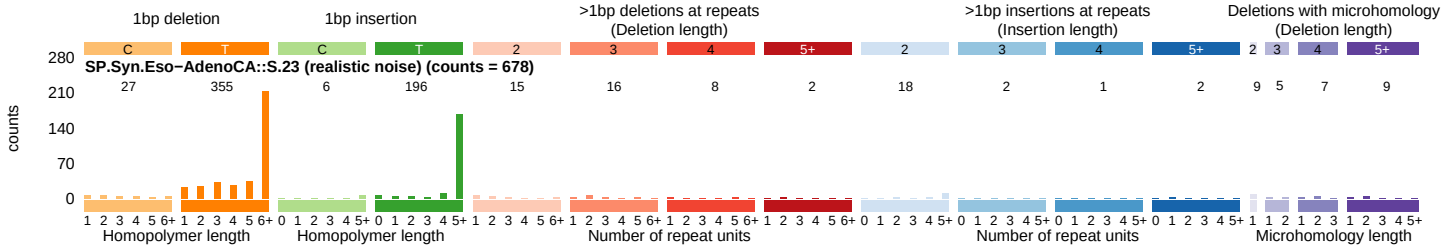
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.22 (realistic noise) (counts = 330)
6 222 6 80 1 3 0 1 6 2 0 0 0 0 1 2
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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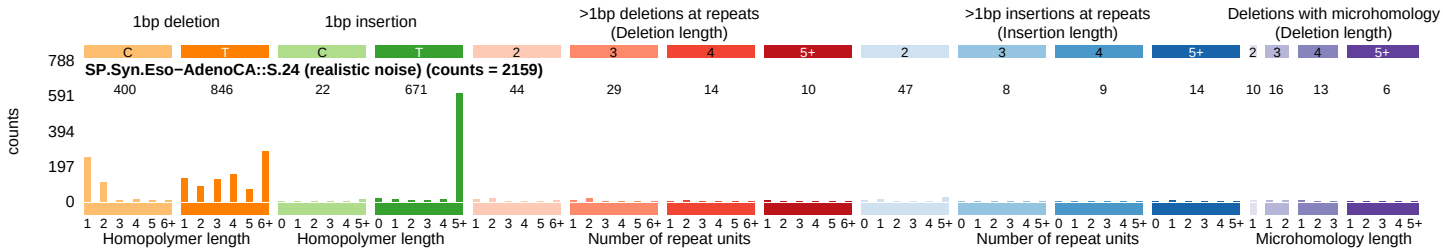
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.23 (realistic noise) (counts = 678)
27 355 6 196 15 16 8 2 18 2 1 2 9 5 7 9
counts
Homopolymer length
Number of repeat units
Microhomology length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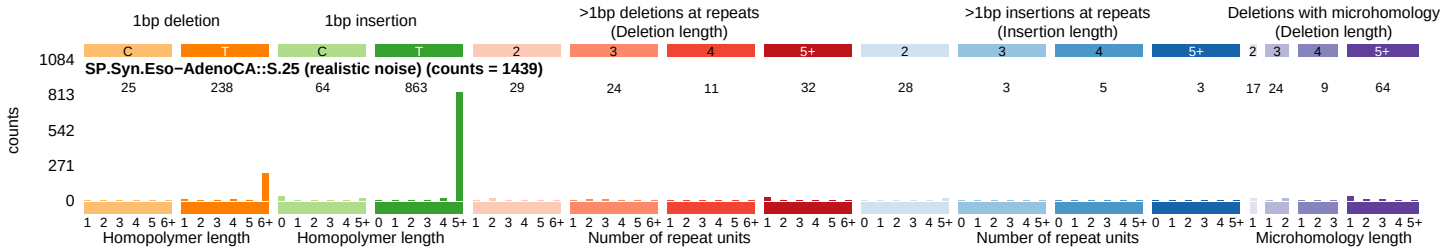
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.24 (realistic noise) (counts = 2159)
400 846 22 671 44 29 14 10 47 8 9 14 10 16 13 6
counts
Homopolymer length
Number of repeat units
Microhomology length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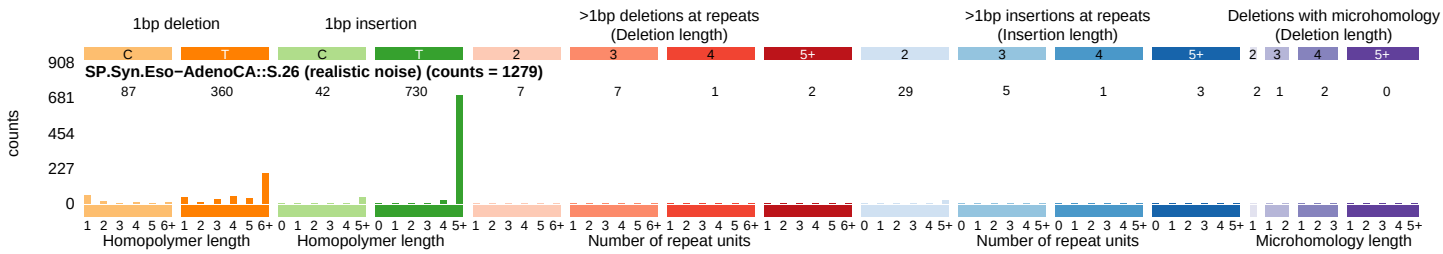
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.25 (realistic noise) (counts = 1439)
25 238 64 863 29 24 11 32 28 3 5 3 17 24 9 64
counts
Homopolymer length
Number of repeat units
Microhomology length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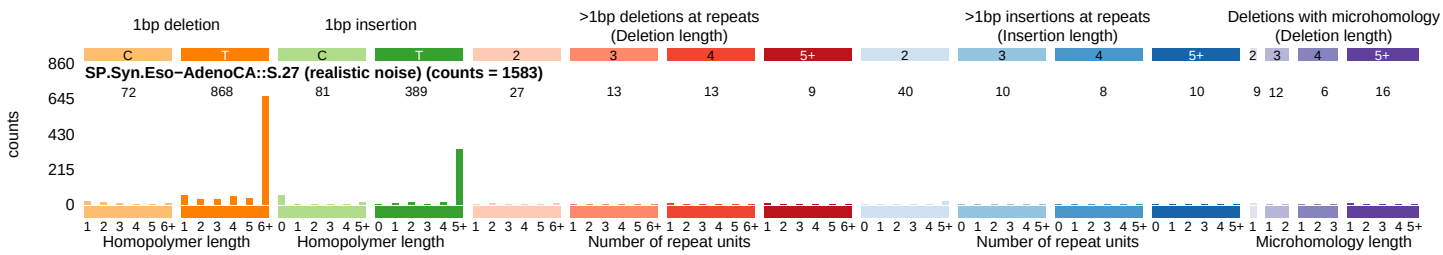
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.26 (realistic noise) (counts = 1279)
87 360 42 730 7 7 1 2 29 5 1 3 2 1 2 0
counts
Homopolymer length
Number of repeat units
Microhomology length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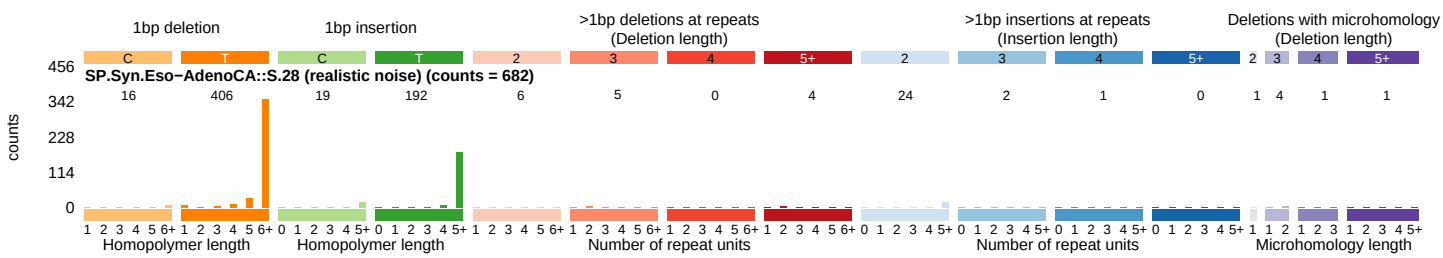
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.27 (realistic noise) (counts = 1583)
72 868 81 389 27 13 13 9 40 10 8 10 9 12 6 16
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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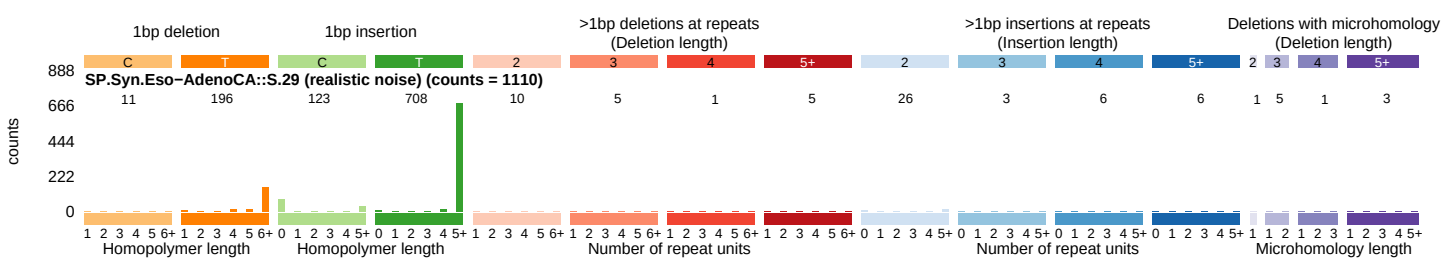
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.28 (realistic noise) (counts = 682)
16 406 19 192 6 5 0 4 24 2 1 0 1 4 1 1
counts
Homopolymer length
Number of repeat units
Microhomology length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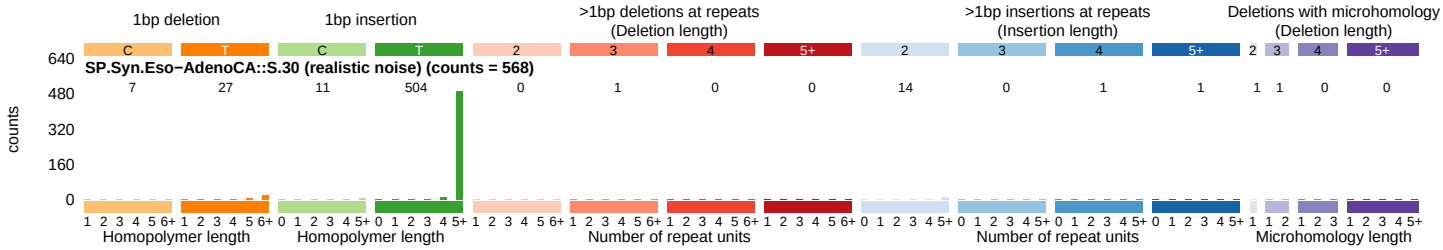
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.29 (realistic noise) (counts = 1110)
11 196 123 708 10 5 1 5 26 3 6 6 1 5 1 3
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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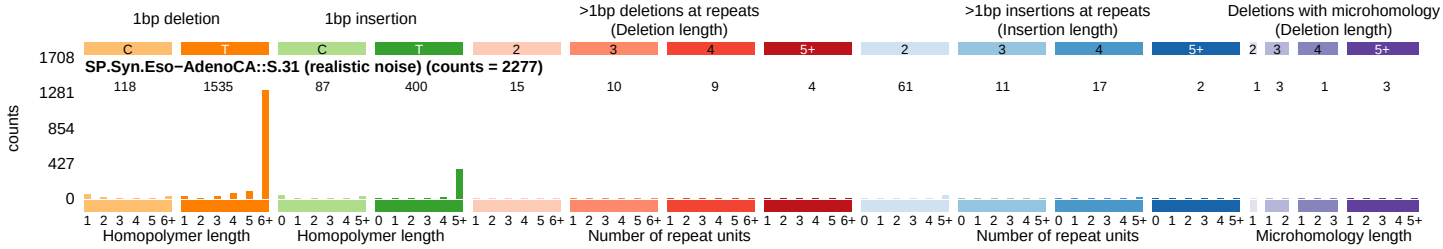
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Eso−AdenoCA::S.30 (realistic noise) (counts = 568)
7 27 11 504 0 1 0 0 14 0 1 1 1 1 0 0
counts
640 480 320 160 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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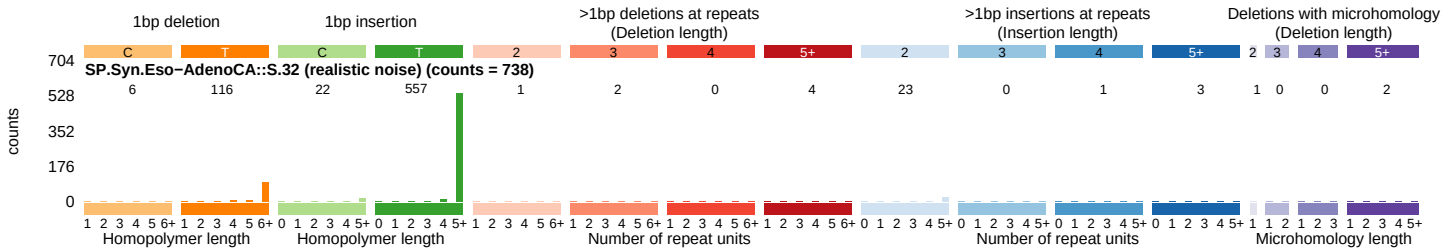
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Eso−AdenoCA::S.31 (realistic noise) (counts = 2277)
118 1535 87 400 15 10 9 4 61 11 17 2 1 3 1 3
counts
1708 1281 854 427 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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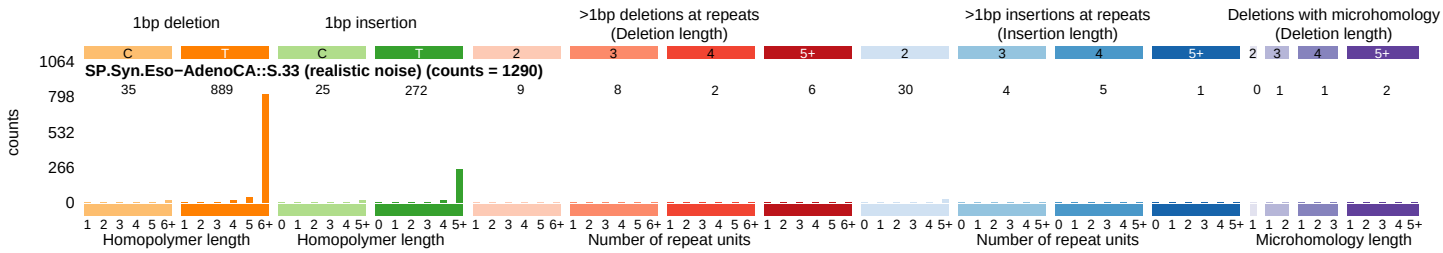
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Eso−AdenoCA::S.32 (realistic noise) (counts = 738)
6 116 22 557 1 2 0 4 23 0 1 3 1 0 0 2
counts
704 528 352 176 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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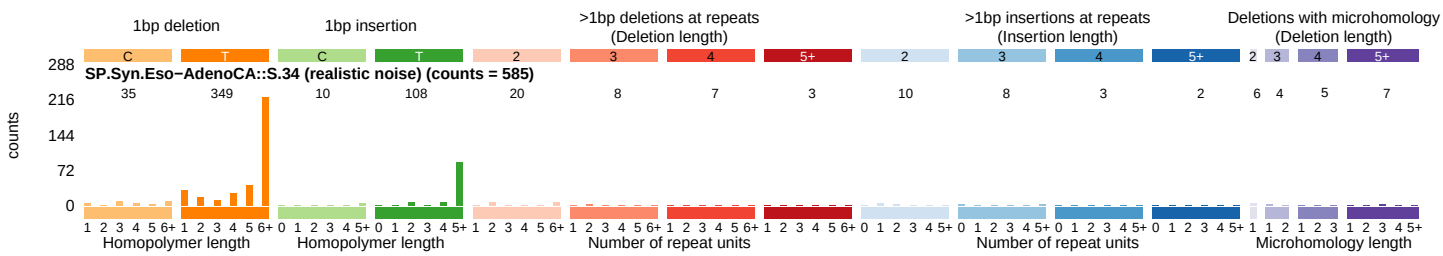
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Eso−AdenoCA::S.33 (realistic noise) (counts = 1290)
35 889 25 272 9 8 2 6 30 4 5 1 0 1 1 2
counts
1064 798 532 266 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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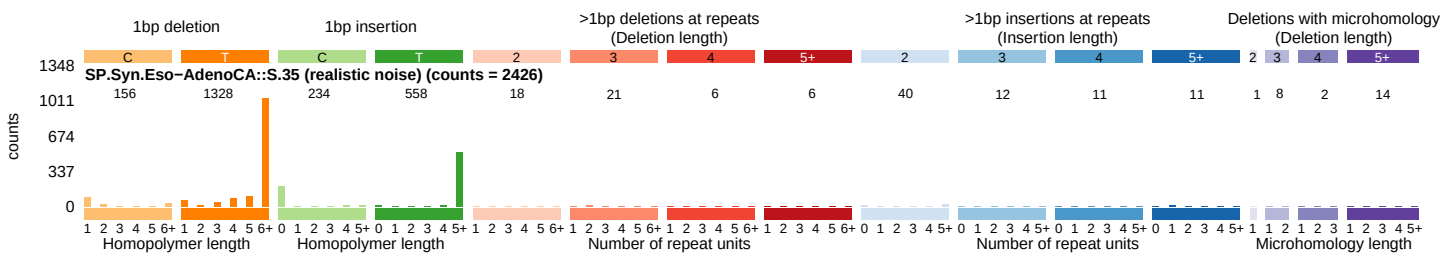
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Eso−AdenoCA::S.34 (realistic noise) (counts = 585)
35 349 10 108 20 8 7 3 10 8 3 2 6 4 5 7
counts
288 216 144 72 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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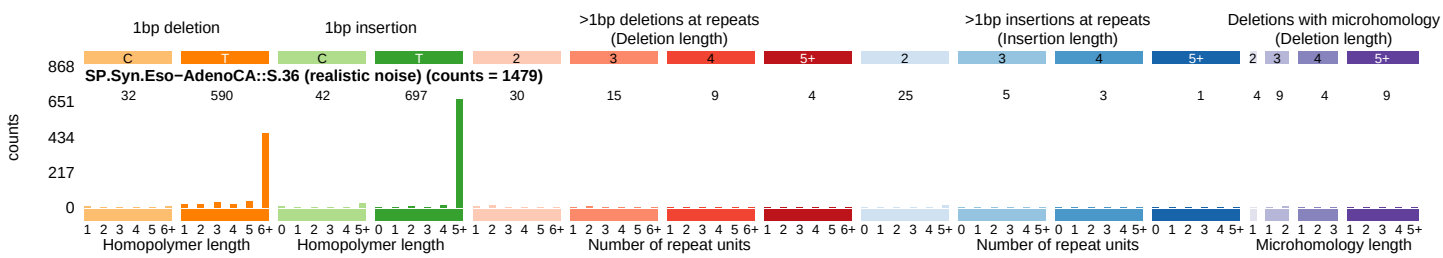
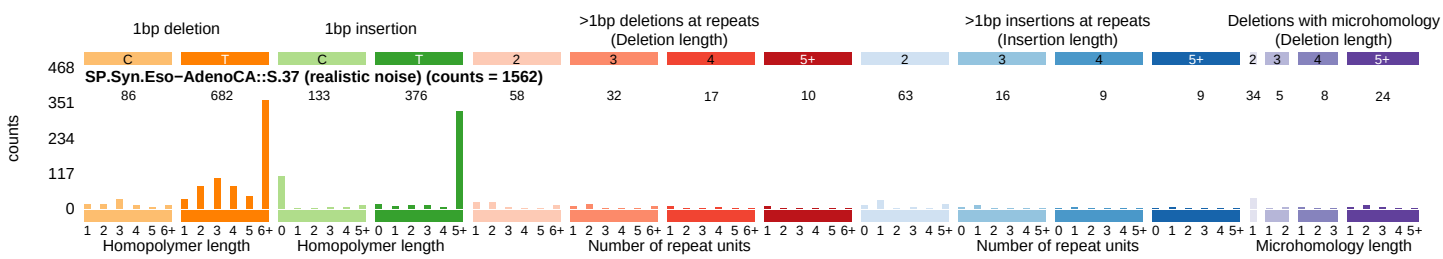
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Eso−AdenoCA::S.35 (realistic noise) (counts = 2426)
156 1328 234 558 18 21 6 6 40 12 11 11 1 8 2 14
counts
1348 1011 674 337 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology 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.Eso−AdenoCA::S.36 (realistic noise) (counts = 1479)
32 590 42 697 30 15 9 4 25 5 3 1 4 9 4 9
counts
868 651 434 217 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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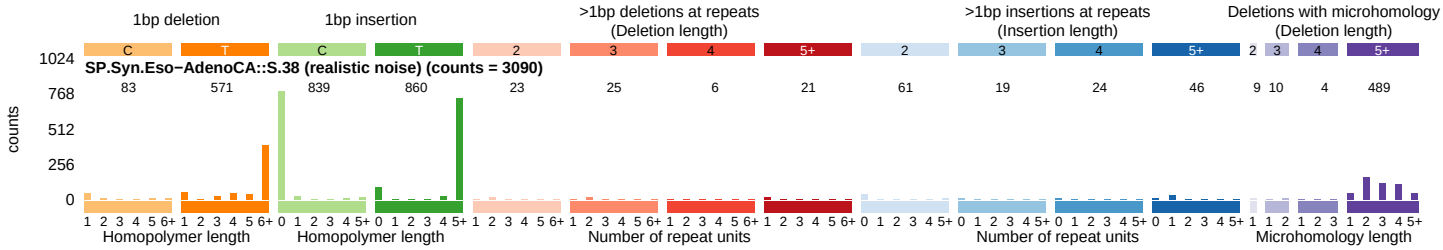
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Eso−AdenoCA::S.37 (realistic noise) (counts = 1562)
86 682 133 376 58 32 17 10 63 16 9 9 34 5 8 24
counts
468 351 234 117 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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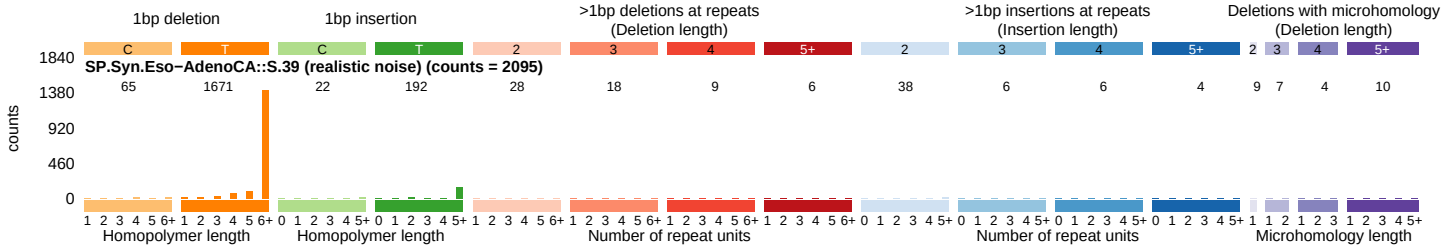
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.38 (realistic noise) (counts = 3090)
83 571 839 860 23 25 6 21 61 19 24 46 9 10 4 489
counts
Homopolymer length
Number of repeat units
Microhomology length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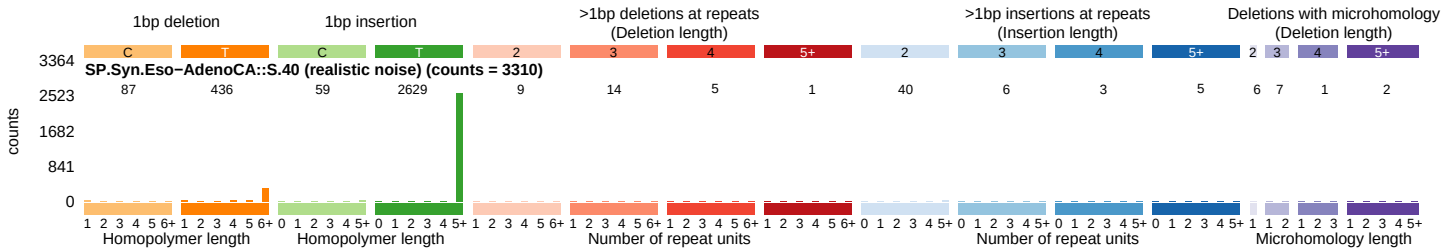
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.39 (realistic noise) (counts = 2095)
65 1671 22 192 28 18 9 6 38 6 6 4 9 7 4 10
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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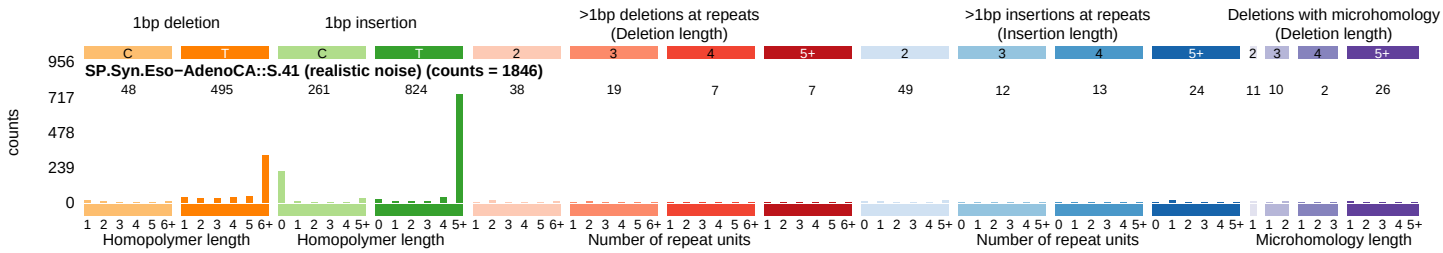
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.40 (realistic noise) (counts = 3310)
87 436 59 2629 9 14 5 1 40 6 3 5 6 7 1 2
counts
Homopolymer length
Number of repeat units
Microhomology length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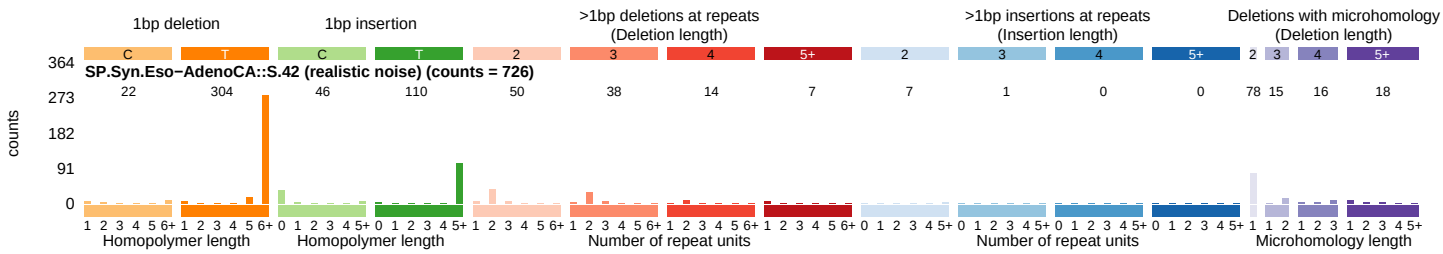
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.41 (realistic noise) (counts = 1846)
48 495 261 824 38 19 7 7 49 12 13 24 11 10 2 26
counts
Homopolymer length
Number of repeat units
Microhomology length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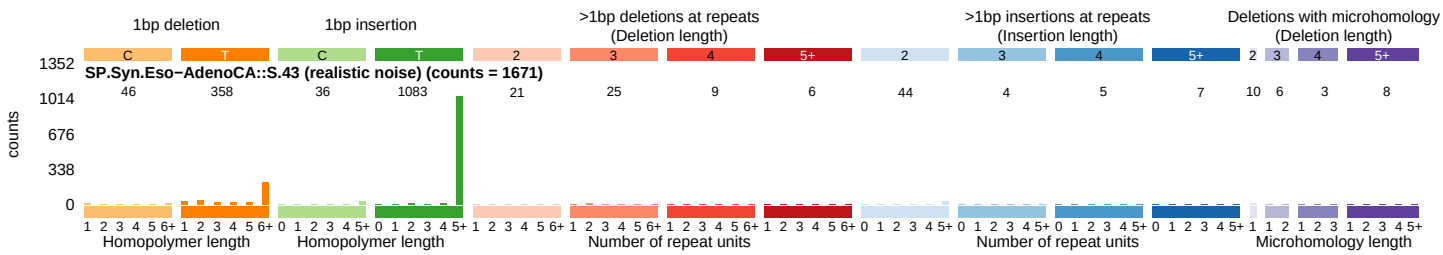
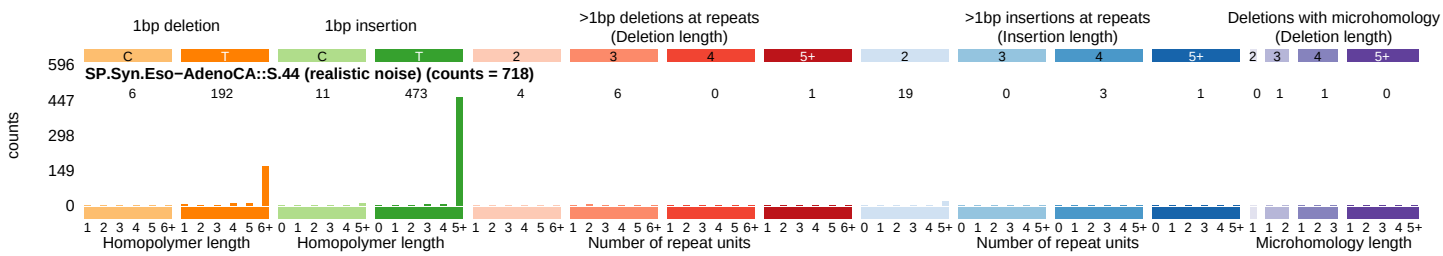
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.42 (realistic noise) (counts = 726)
22 304 46 110 50 38 14 7 7 1 0 0 78 15 16 18
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.43 (realistic noise) (counts = 1671)
46 358 36 1083 21 25 9 6 44 4 5 7 10 6 3 8
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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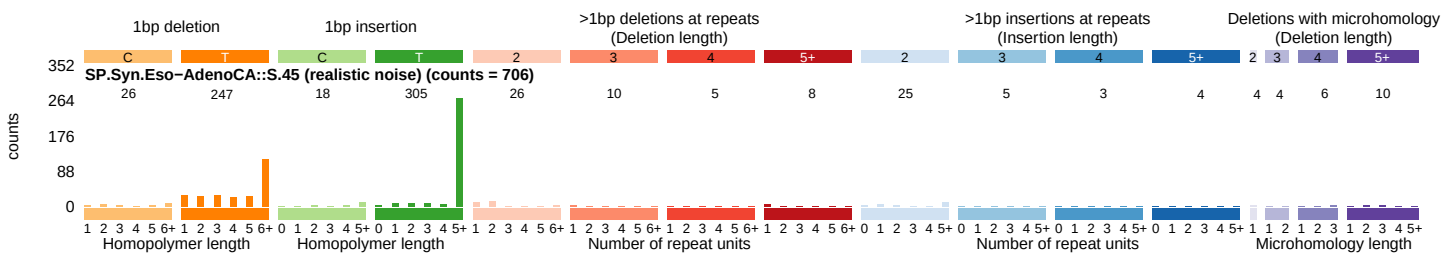
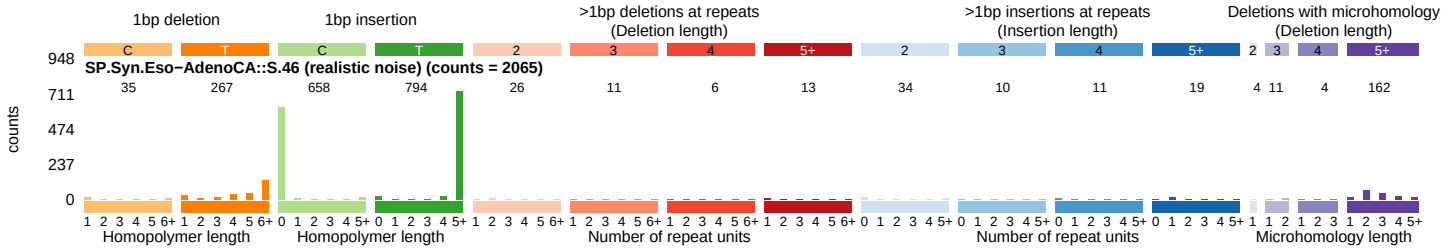
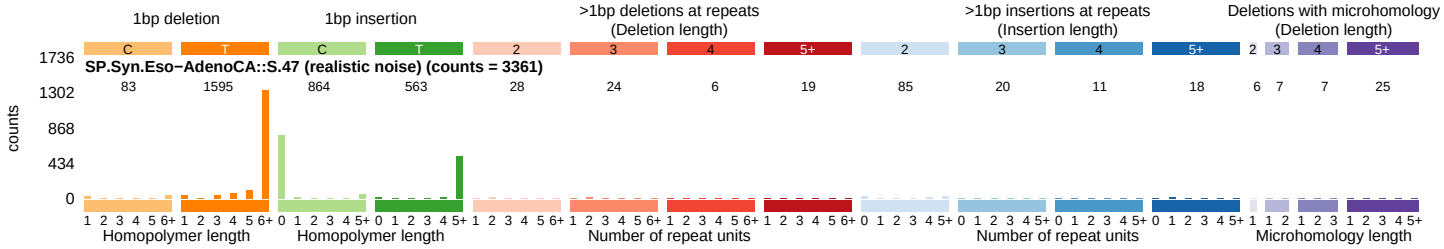
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.44 (realistic noise) (counts = 718)
6 192 11 473 4 6 0 1 19 0 3 1 0 1 1 0
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.45 (realistic noise) (counts = 706)
26 247 18 305 26 10 5 8 25 5 3 4 4 4 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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Eso−AdenoCA::S.46 (realistic noise) (counts = 2065)
35 267 658 794 26 11 6 13 34 10 11 19 4 11 4 162
counts
948 711 474 237 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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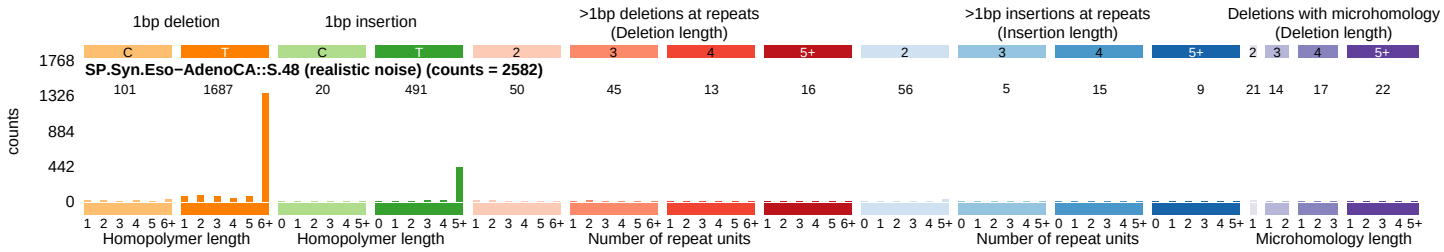
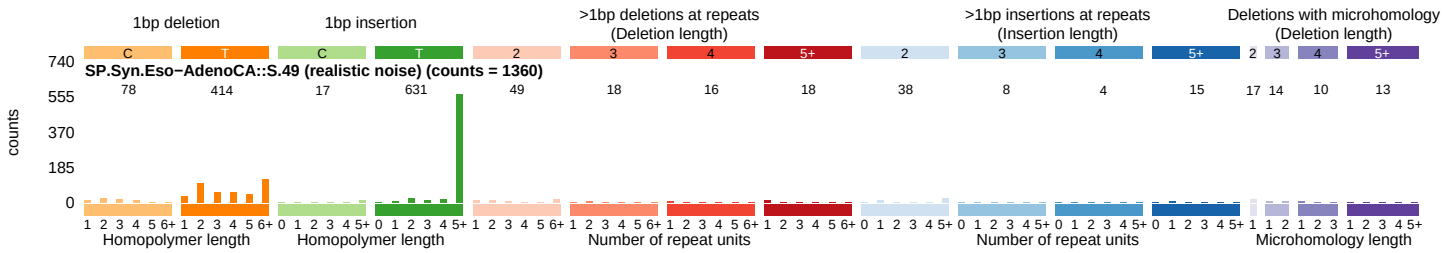
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Eso−AdenoCA::S.47 (realistic noise) (counts = 3361)
83 1595 864 563 28 24 6 19 85 20 11 18 6 7 7 25
counts
1736 1302 868 434 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology 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.Eso−AdenoCA::S.48 (realistic noise) (counts = 2582)
101 1687 20 491 50 45 13 16 56 5 15 9 21 14 17 22
counts
1768 1326 884 442 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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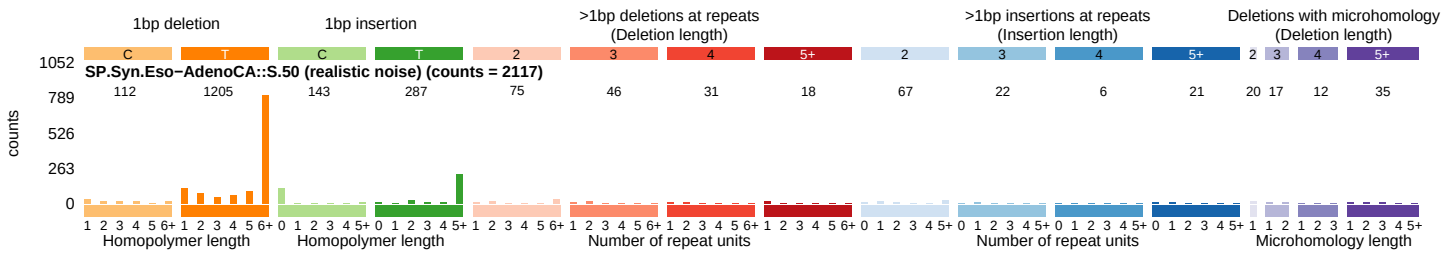
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Eso−AdenoCA::S.49 (realistic noise) (counts = 1360)
78 414 17 631 49 18 16 18 38 8 4 15 17 14 10 13
counts
740 555 370 185 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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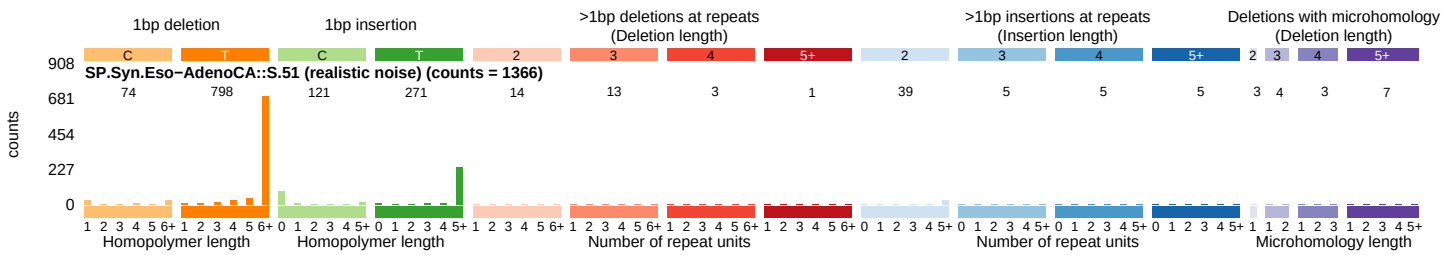
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Eso−AdenoCA::S.50 (realistic noise) (counts = 2117)
112 1205 143 287 75 46 31 18 67 22 6 21 20 17 12 35
counts
1052 789 526 263 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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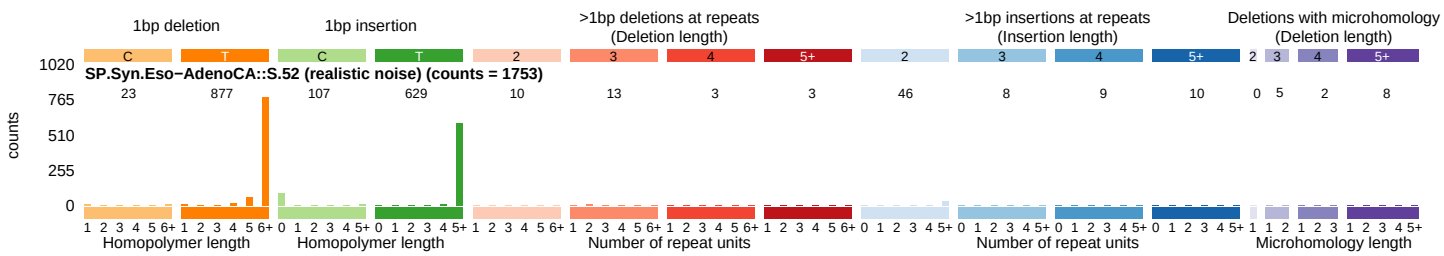
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Eso−AdenoCA::S.51 (realistic noise) (counts = 1366)
74 798 121 271 14 13 3 1 39 5 5 5 3 4 3 7
counts
908 681 454 227 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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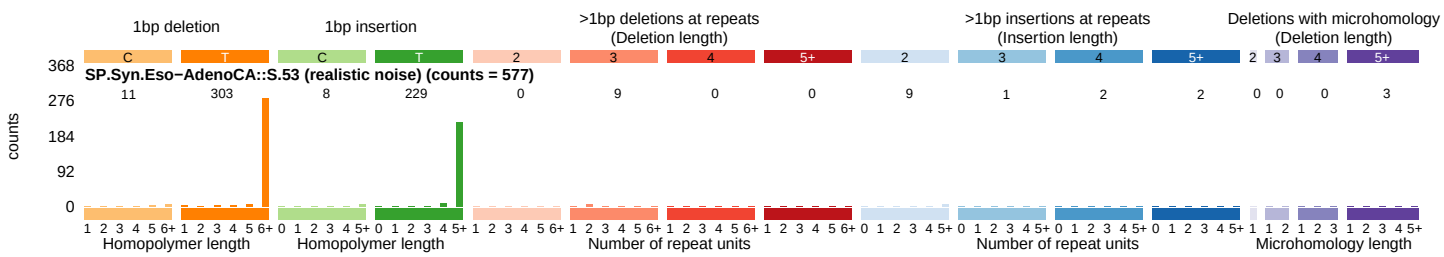
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Eso−AdenoCA::S.52 (realistic noise) (counts = 1753)
23 877 107 629 10 13 3 3 46 8 9 10 0 5 2 8
counts
1020 765 510 255 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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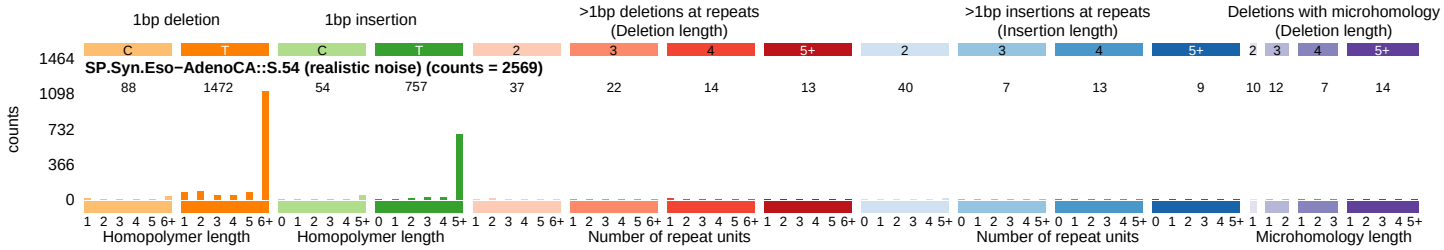
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Eso−AdenoCA::S.53 (realistic noise) (counts = 577)
11 303 8 229 0 9 0 0 9 1 2 2 0 0 0 3
counts
368 276 184 92 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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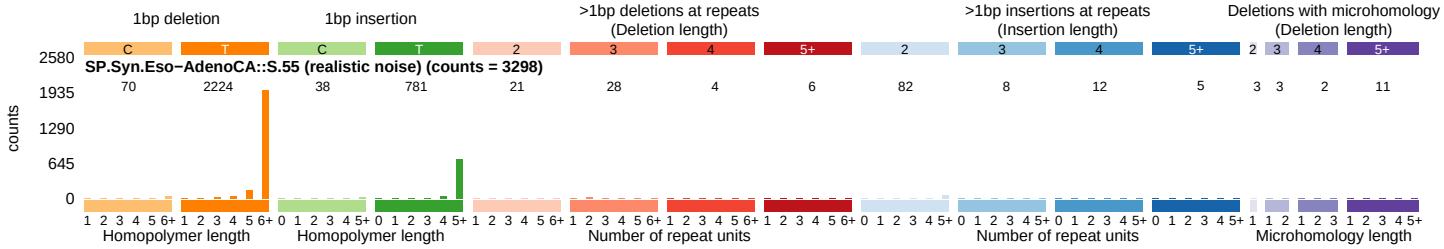
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.54 (realistic noise) (counts = 2569)
88 1472 54 757 37 22 14 13 40 7 13 9 10 12 7 14
counts
Homopolymer length
Number of repeat units
Microhomology length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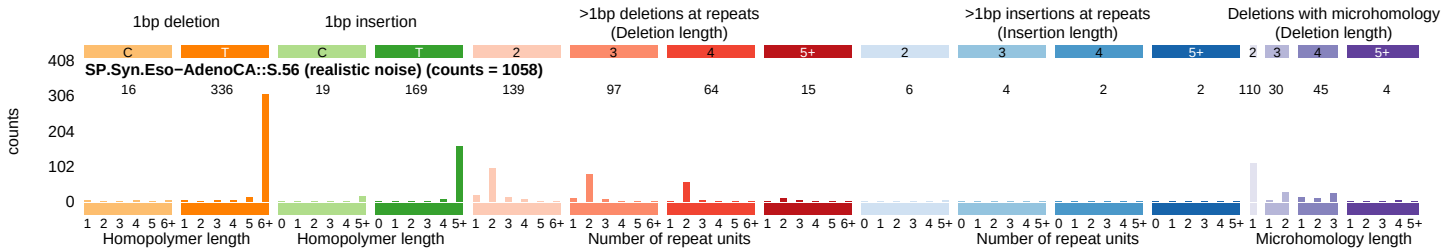
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.55 (realistic noise) (counts = 3298)
70 2224 38 781 21 28 4 6 82 8 12 5 3 3 2 11
counts
Homopolymer length
Number of repeat units
Microhomology length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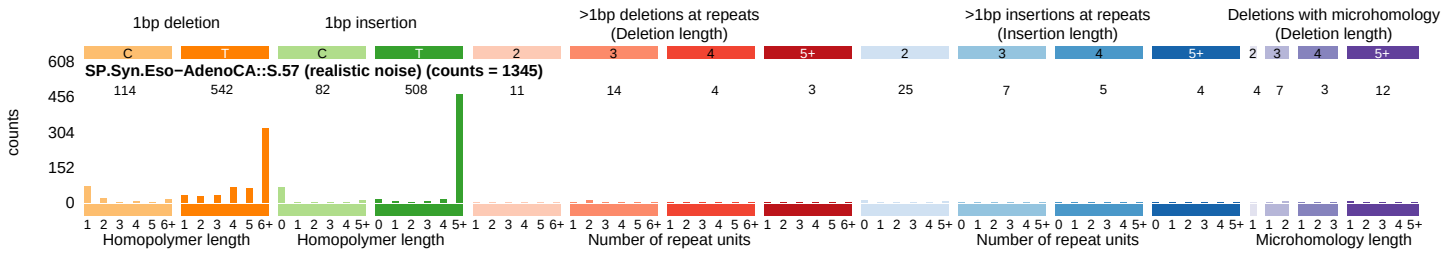
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.56 (realistic noise) (counts = 1058)
16 336 19 169 139 97 64 15 6 4 2 2 110 30 45 4
counts
Homopolymer length
Number of repeat units
Microhomology length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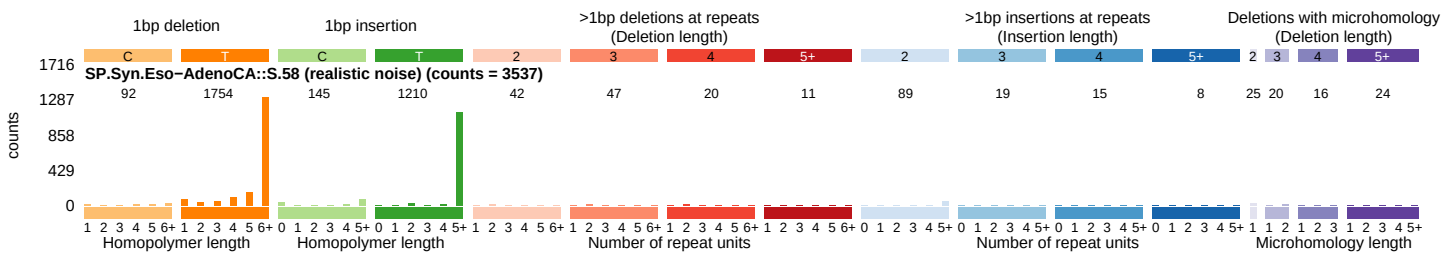
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.57 (realistic noise) (counts = 1345)
114 542 82 508 11 14 4 3 25 7 5 4 4 7 3 12
counts
Homopolymer length
Number of repeat units
Microhomology length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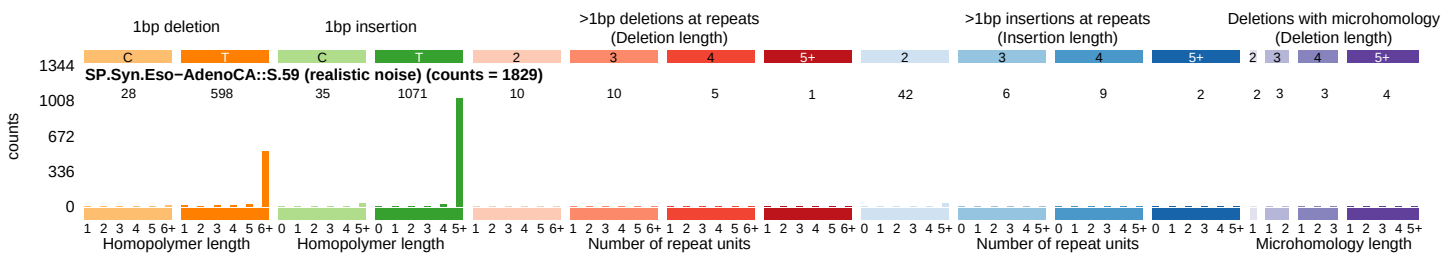
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.58 (realistic noise) (counts = 3537)
92 1754 145 1210 42 47 20 11 89 19 15 8 25 20 16 24
counts
Homopolymer length
Number of repeat units
Microhomology length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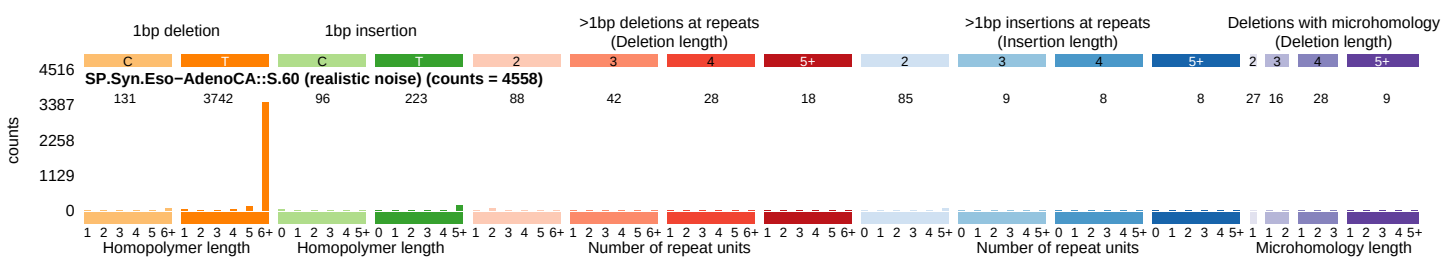
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.59 (realistic noise) (counts = 1829)
28 598 35 1071 10 10 5 1 42 6 9 2 2 3 3 4
counts
Homopolymer length
Number of repeat units
Microhomology length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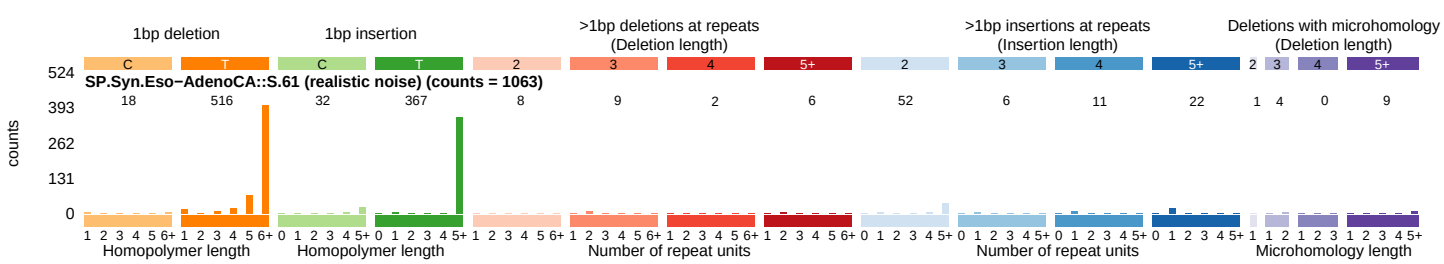
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.60 (realistic noise) (counts = 4558)
131 3742 96 223 88 42 28 18 85 9 8 8 27 16 28 9
counts
Homopolymer length
Number of repeat units
Microhomology length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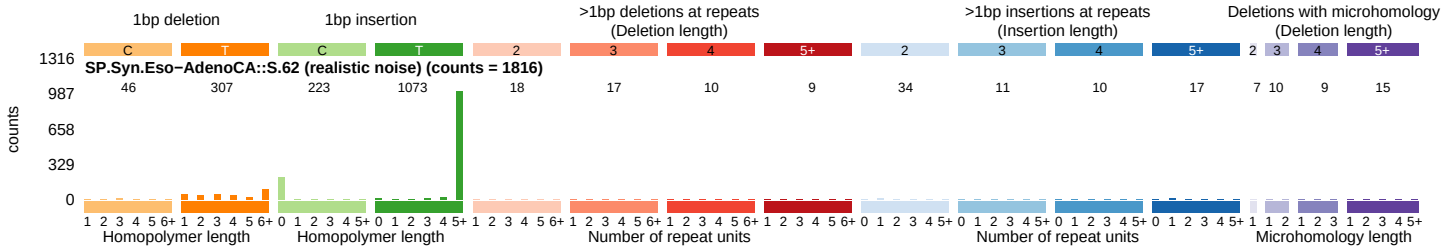
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.61 (realistic noise) (counts = 1063)
18 516 32 367 8 9 2 6 52 6 11 22 1 4 0 9
counts
Homopolymer length
Number of repeat units
Microhomology length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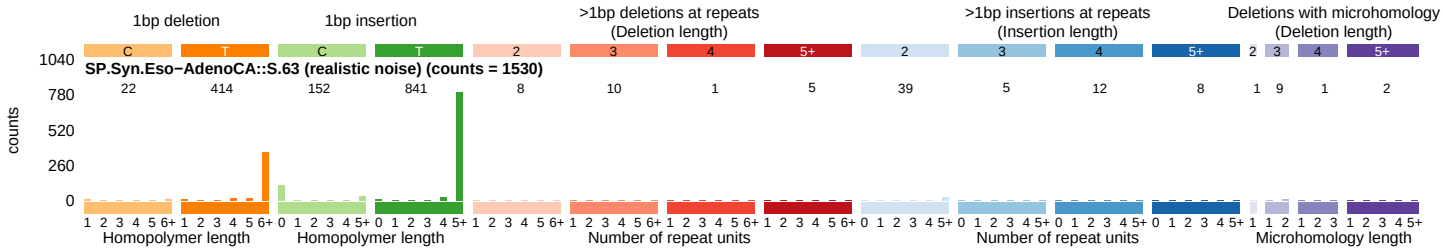
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.62 (realistic noise) (counts = 1816)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
46 307 223 1073 18 17 10 9 34 11 10 17 7 10 9 15
counts
1316 987 658 329 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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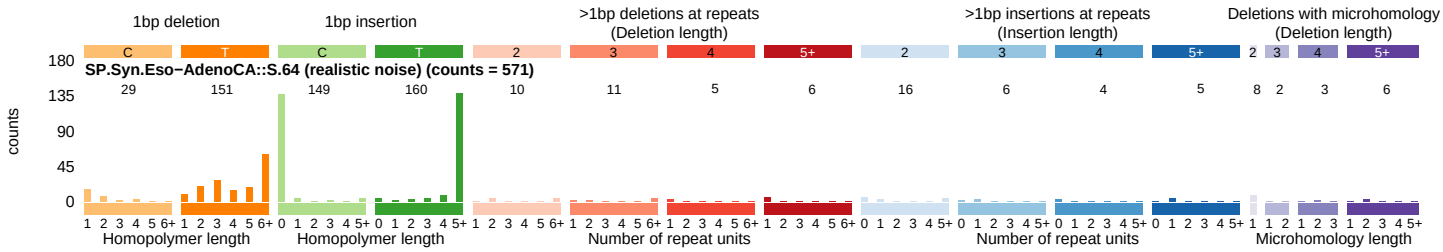
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.63 (realistic noise) (counts = 1530)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
22 414 152 841 8 10 1 5 39 5 12 8 1 9 1 2
counts
1040 780 520 260 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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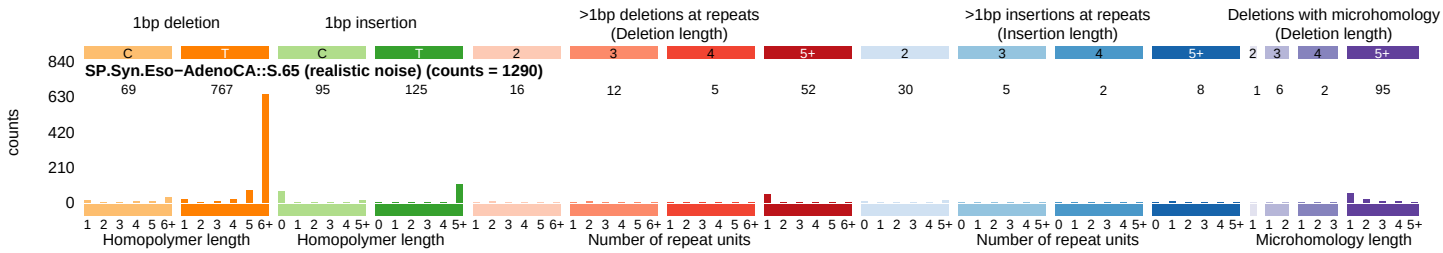
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.64 (realistic noise) (counts = 571)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
29 151 149 160 10 11 5 6 16 6 4 5 8 2 3 6
counts
180 135 90 45 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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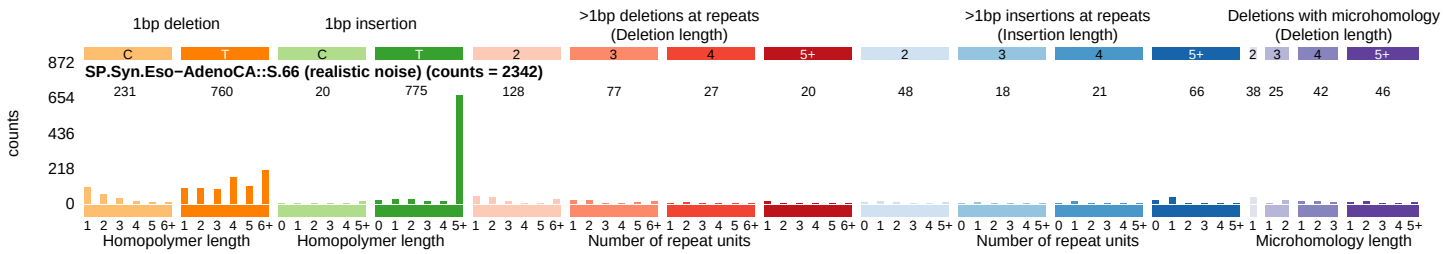
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.65 (realistic noise) (counts = 1290)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
69 767 95 125 16 12 5 52 30 5 2 8 1 6 2 95
counts
840 630 420 210 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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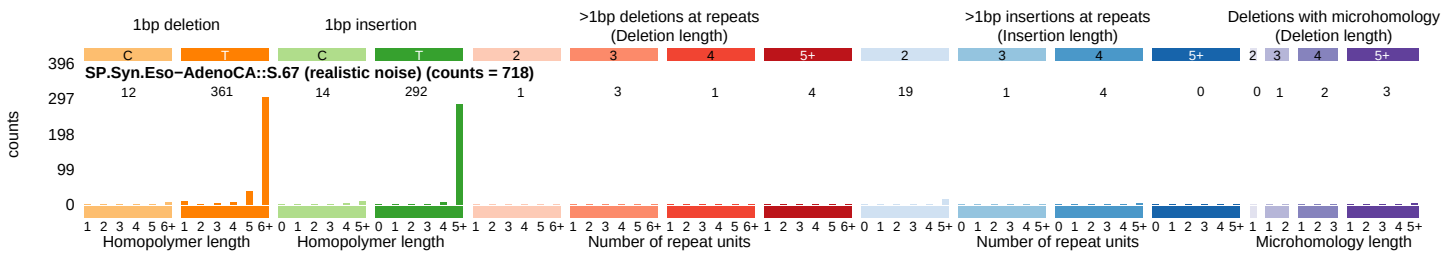
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.66 (realistic noise) (counts = 2342)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
231 760 20 775 128 77 27 20 48 18 21 66 38 25 42 46
counts
872 654 436 218 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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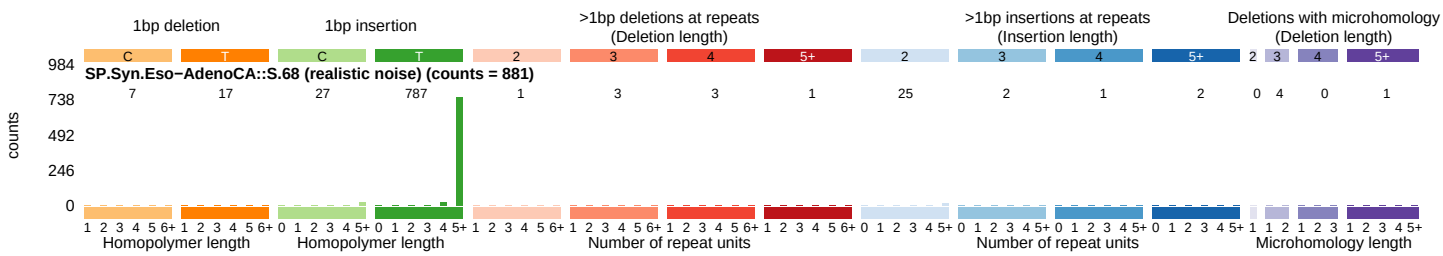
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.67 (realistic noise) (counts = 718)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
12 361 14 292 1 3 1 4 19 1 4 0 0 1 2 3
counts
396 297 198 99 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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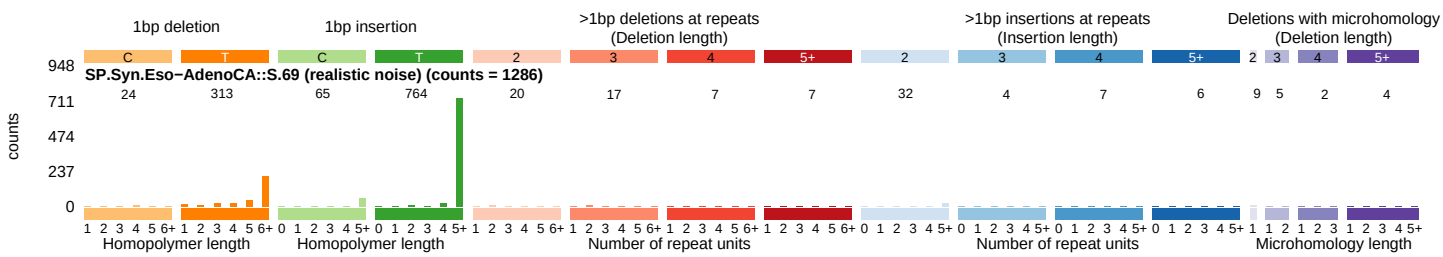
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.68 (realistic noise) (counts = 881)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
7 17 27 787 1 3 3 1 25 2 1 2 0 4 0 1
counts
984 738 492 246 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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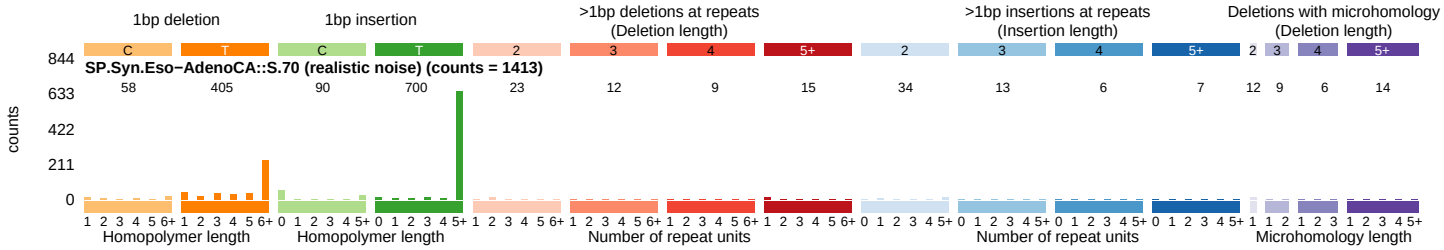
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.69 (realistic noise) (counts = 1286)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
24 313 65 764 20 17 7 7 32 4 7 6 9 5 2 4
counts
948 711 474 237 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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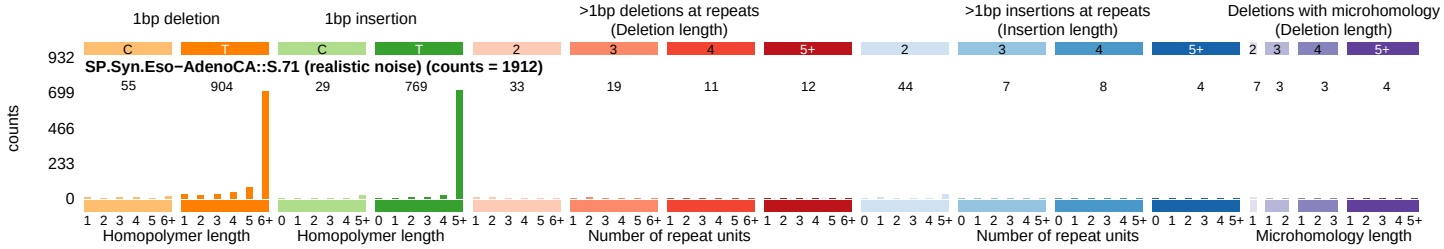
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.70 (realistic noise) (counts = 1413)
counts
Homopolymer length
Number of repeat units
Microhomology length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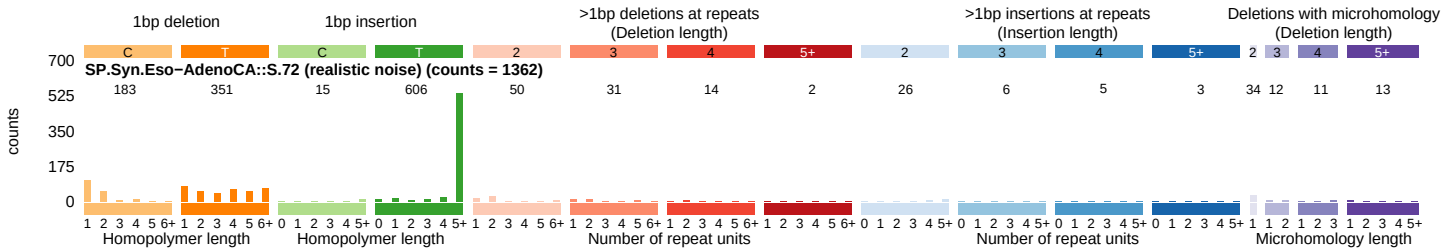
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.71 (realistic noise) (counts = 1912)
counts
Homopolymer length
Number of repeat units
Microhomology length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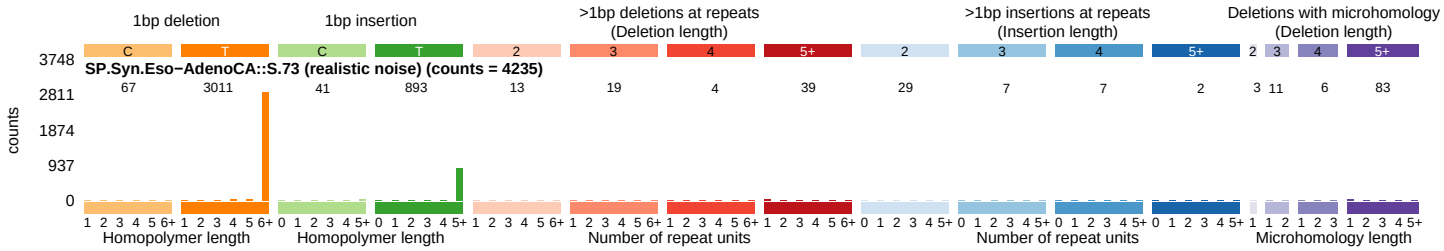
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.72 (realistic noise) (counts = 1362)
counts
Homopolymer length
Number of repeat units
Microhomology length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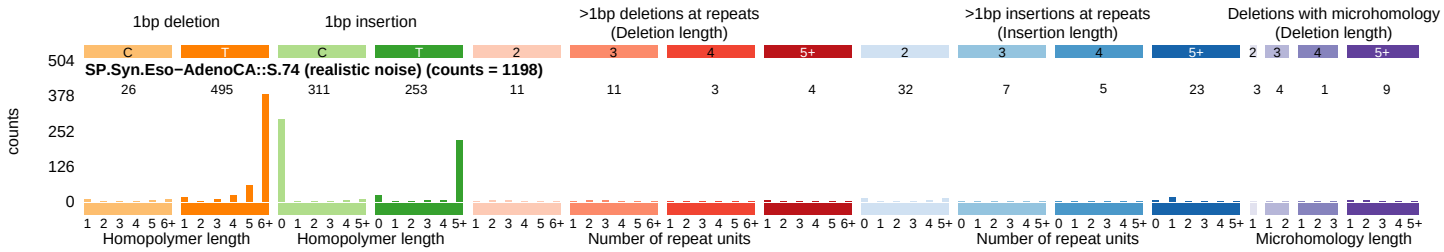
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.73 (realistic noise) (counts = 4235)
counts
Homopolymer length
Number of repeat units
Microhomology length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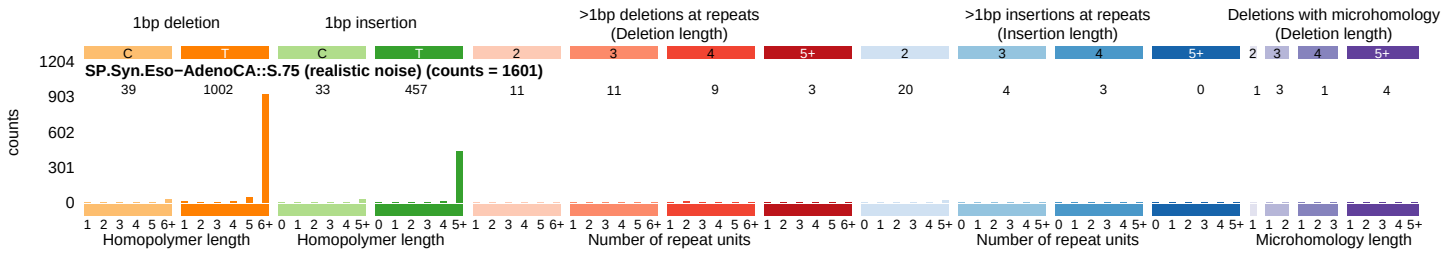
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.74 (realistic noise) (counts = 1198)
counts
Homopolymer length
Number of repeat units
Microhomology length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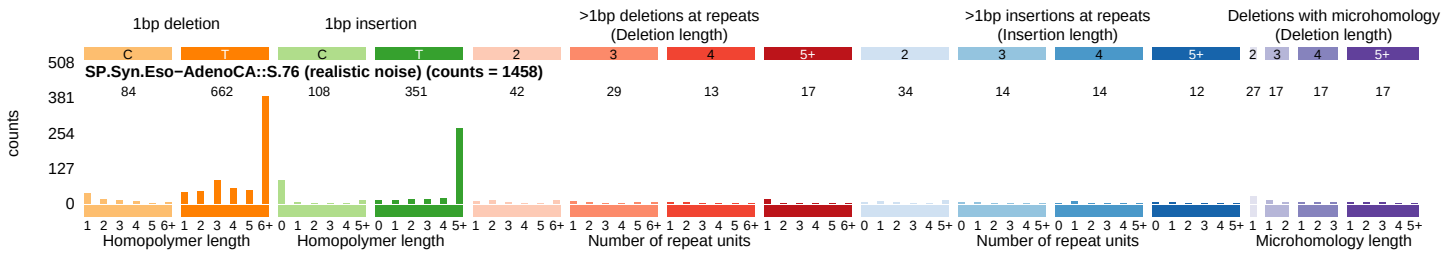
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.75 (realistic noise) (counts = 1601)
counts
Homopolymer length
Number of repeat units
Microhomology length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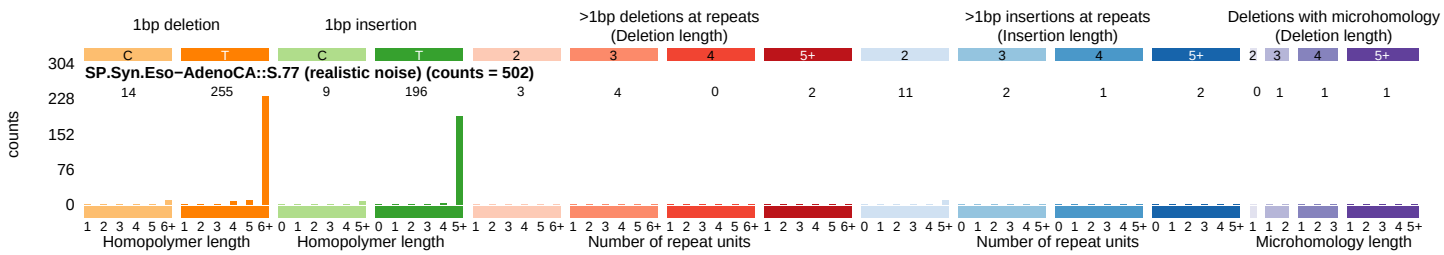
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.76 (realistic noise) (counts = 1458)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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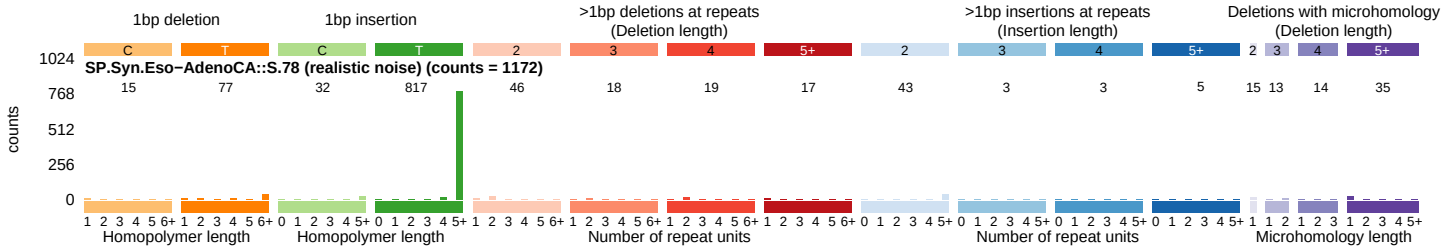
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.77 (realistic noise) (counts = 502)
counts
Homopolymer length
Number of repeat units
Microhomology length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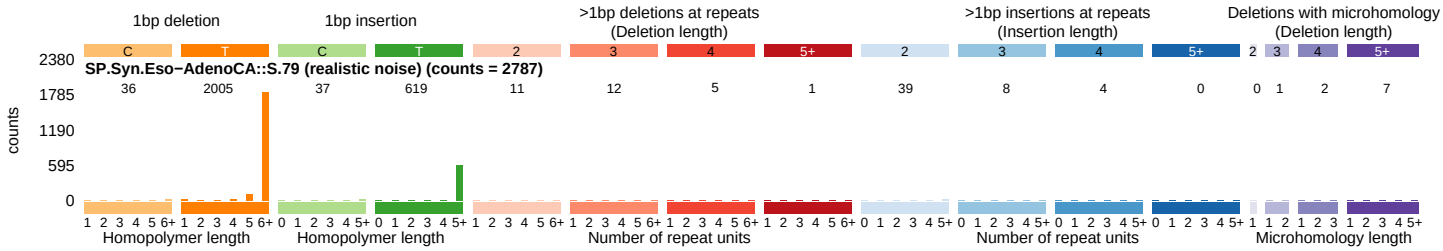
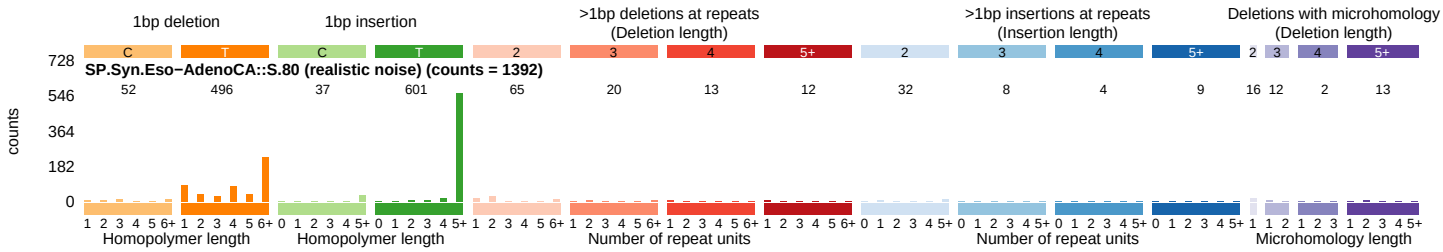
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.78 (realistic noise) (counts = 1172)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.79 (realistic noise) (counts = 2787)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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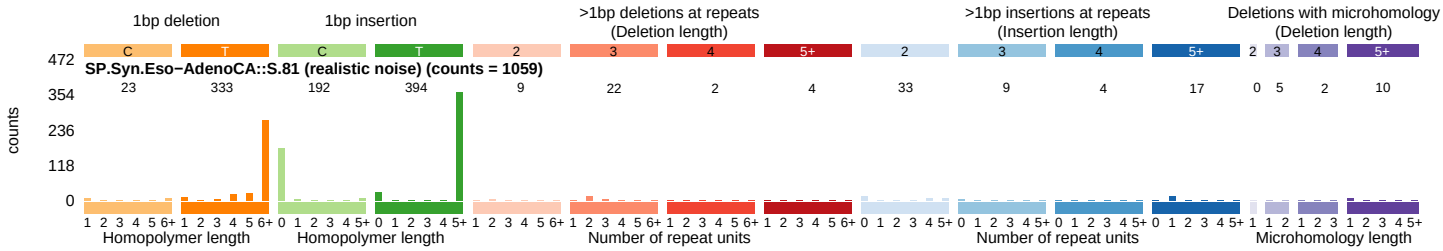
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.80 (realistic noise) (counts = 1392)
counts
Homopolymer length
Number of repeat units
Microhomology length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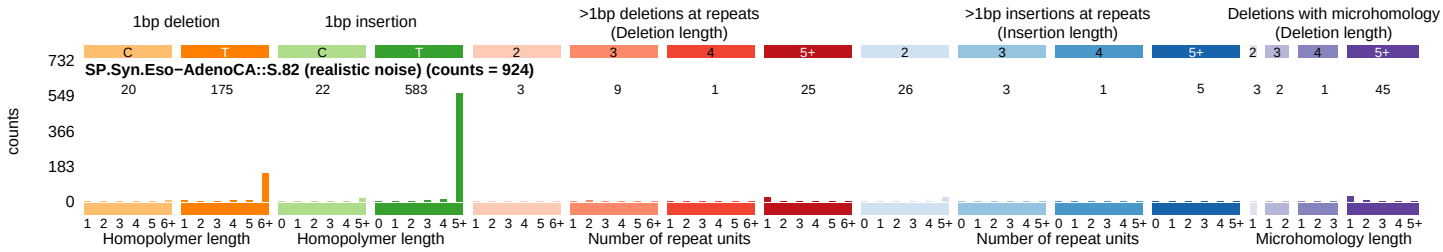
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.81 (realistic noise) (counts = 1059)
counts
Homopolymer length
Number of repeat units
Microhomology length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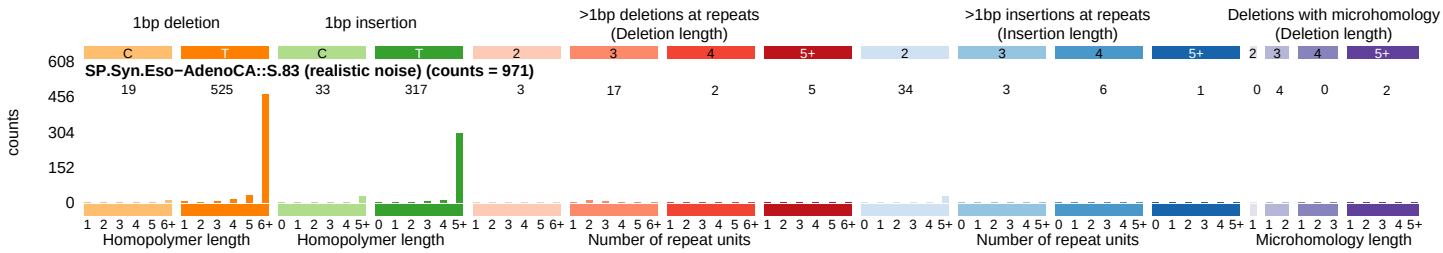
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.82 (realistic noise) (counts = 924)
counts
Homopolymer length
Number of repeat units
Microhomology length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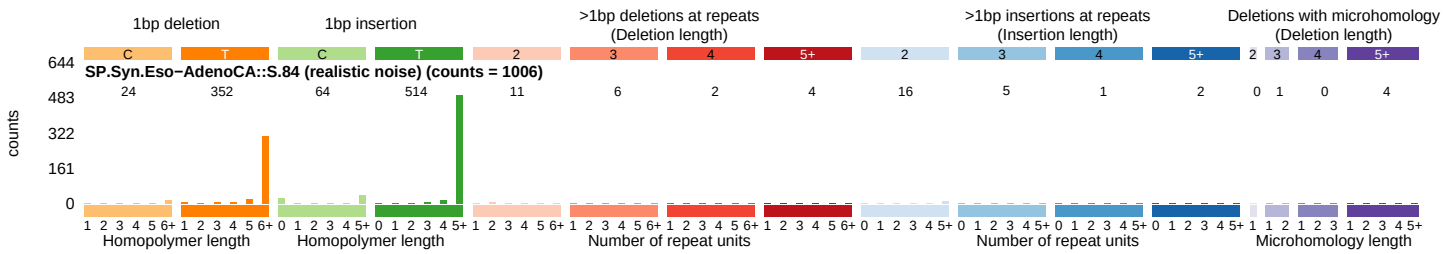
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.83 (realistic noise) (counts = 971)
counts
Homopolymer length
Number of repeat units
Microhomology length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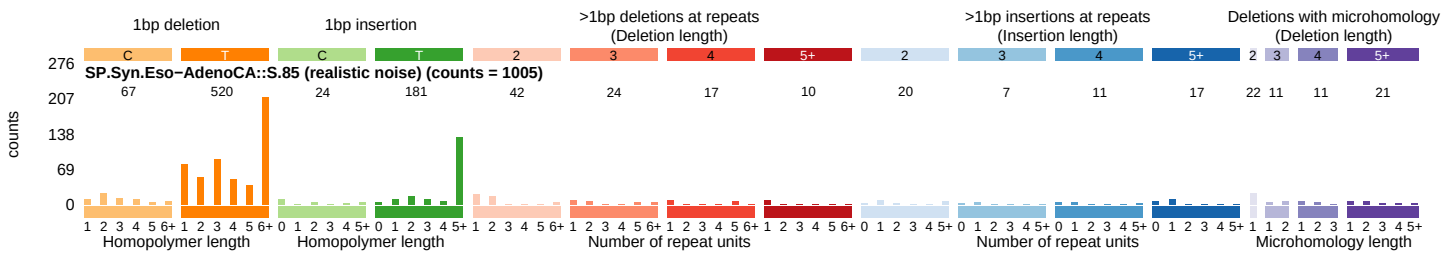
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.84 (realistic noise) (counts = 1006)
counts
Homopolymer length
Number of repeat units
Microhomology length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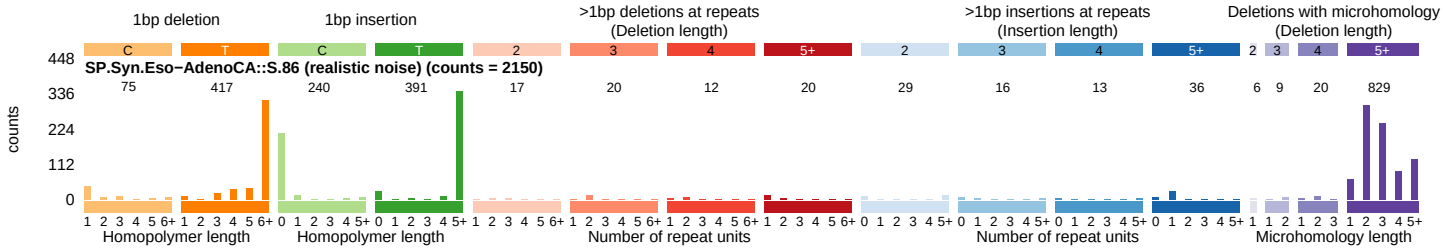
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.85 (realistic noise) (counts = 1005)
counts
Homopolymer length
Number of repeat units
Microhomology length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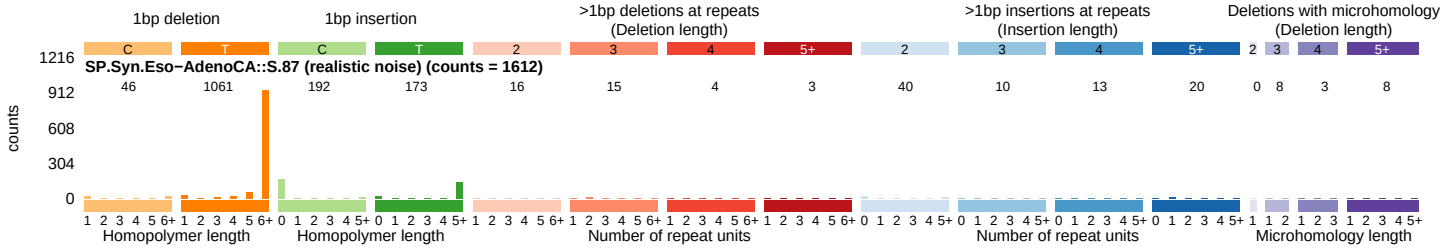
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.86 (realistic noise) (counts = 2150)
75 417 240 391 17 20 12 20 29 16 13 36 6 9 20 829
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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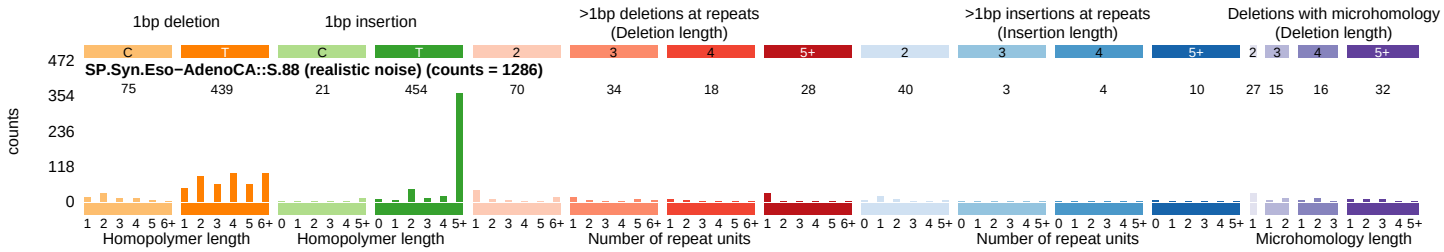
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.87 (realistic noise) (counts = 1612)
46 1061 192 173 16 15 4 3 40 10 13 20 0 8 3 8
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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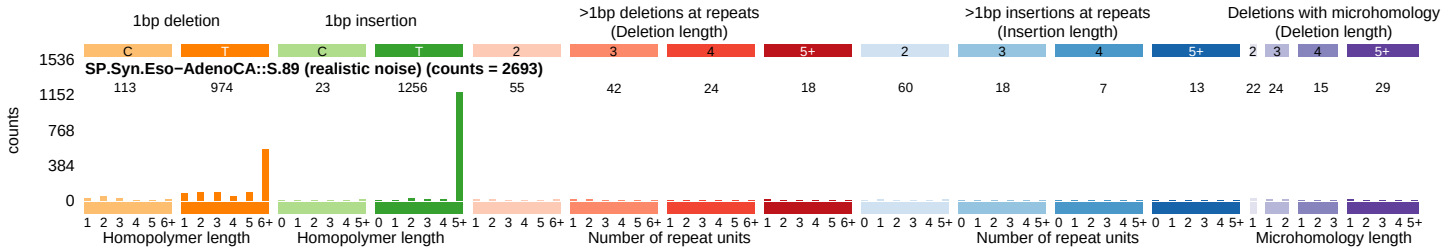
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.88 (realistic noise) (counts = 1286)
75 439 21 454 70 34 18 28 40 3 4 10 27 15 16 32
counts
Homopolymer length
Number of repeat units
Microhomology length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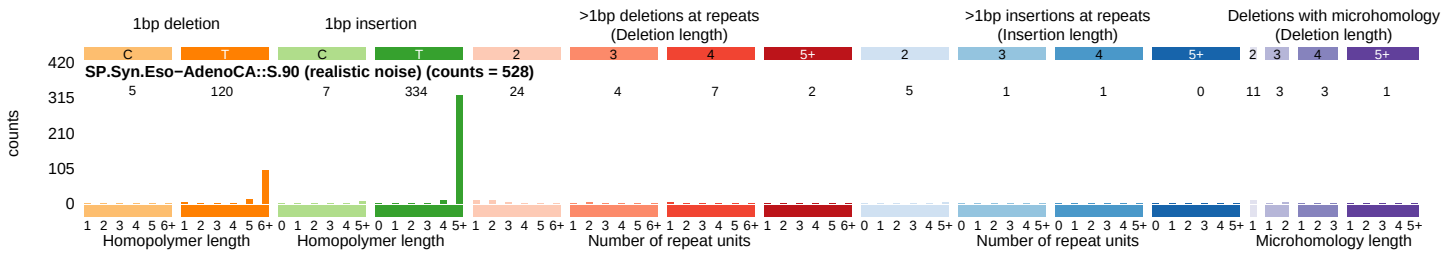
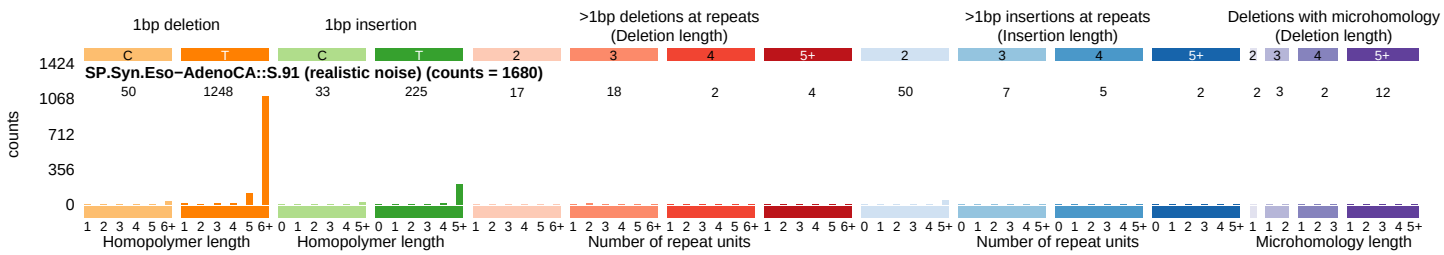
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.89 (realistic noise) (counts = 2693)
113 974 23 1256 55 42 24 18 60 18 7 13 22 24 15 29
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.90 (realistic noise) (counts = 528)
5 120 7 334 24 4 7 2 5 1 1 0 11 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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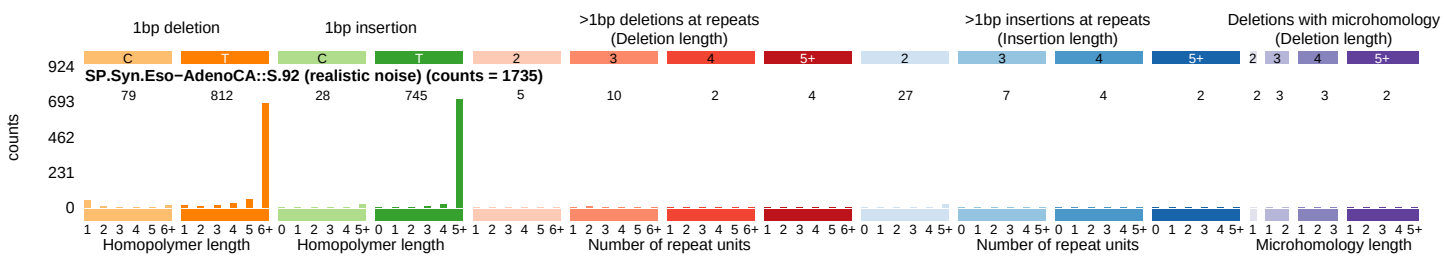
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.91 (realistic noise) (counts = 1680)
50 1248 33 225 17 18 2 4 50 7 5 2 2 3 2 12
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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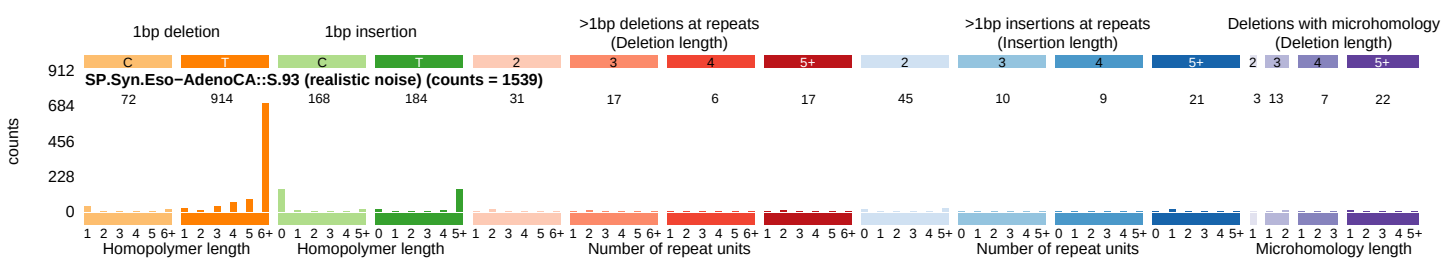
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.92 (realistic noise) (counts = 1735)
79 812 28 745 5 10 2 4 27 7 4 2 2 3 3 2
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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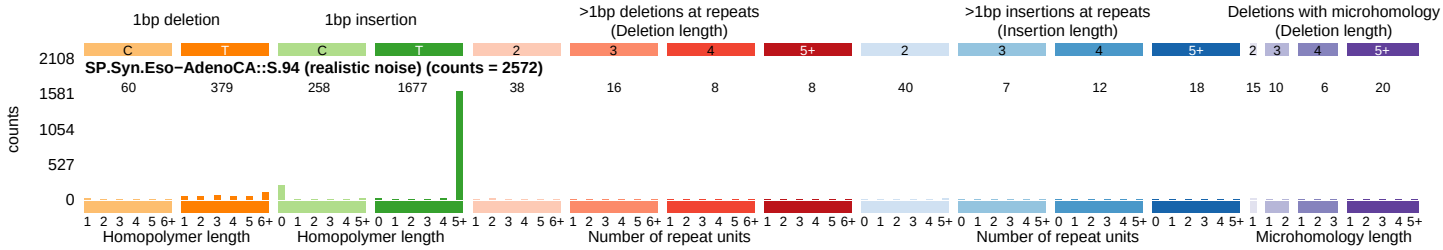
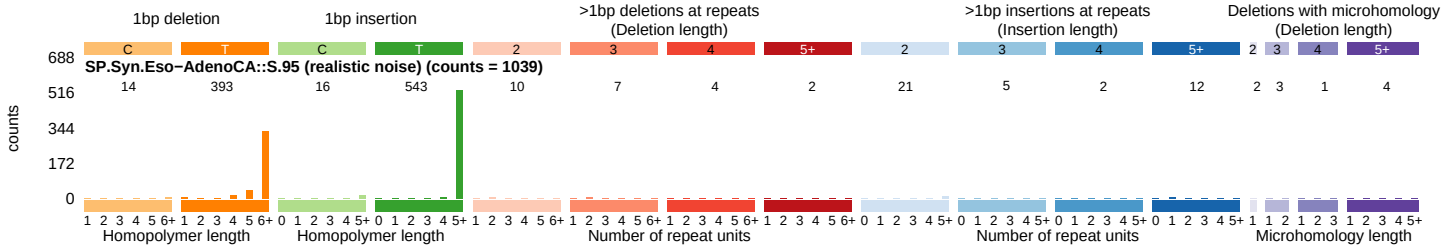
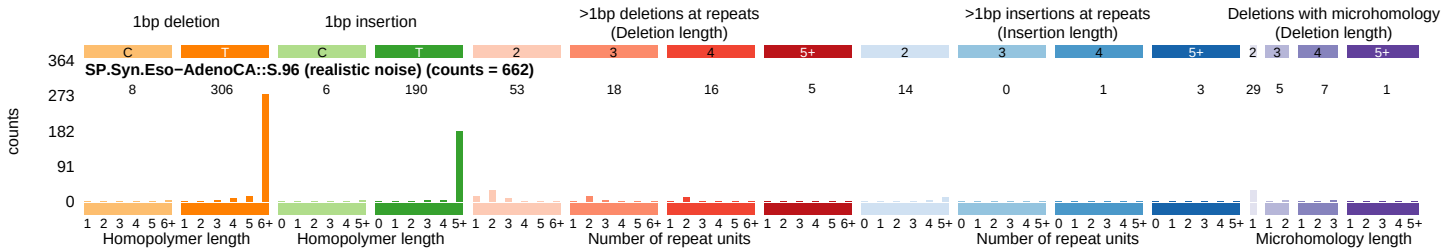
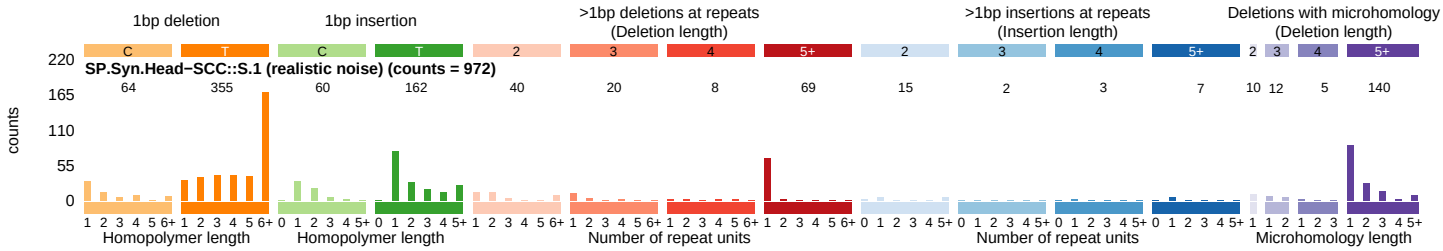
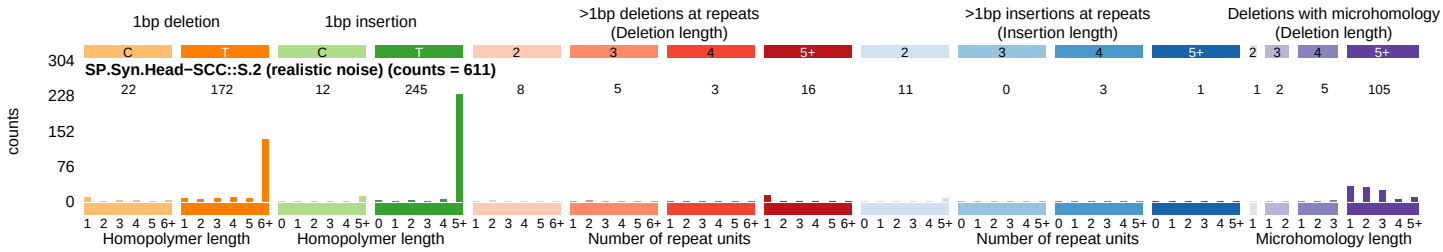
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.93 (realistic noise) (counts = 1539)
72 914 168 184 31 17 6 17 45 10 9 21 3 13 7 22
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.94 (realistic noise) (counts = 2572)
counts
Homopolymer length
Number of repeat units
Microhomology 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.95 (realistic noise) (counts = 1039)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 662)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 972)
counts
Homopolymer length
Number of repeat units
Microhomology length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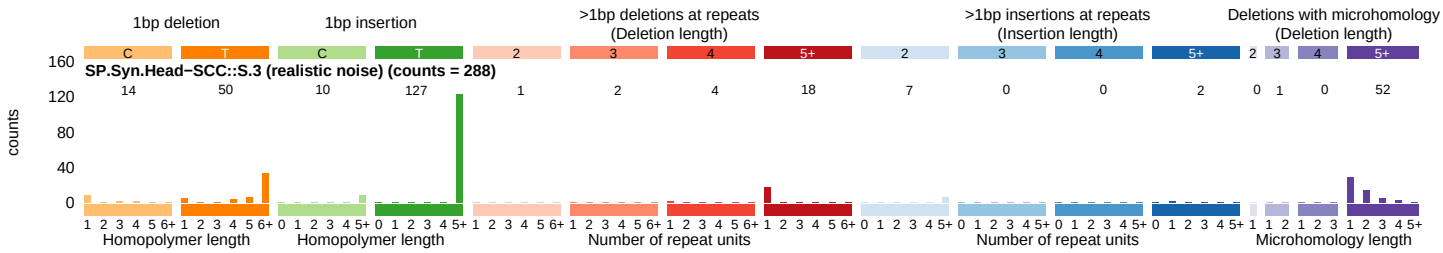
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.2 (realistic noise) (counts = 611)
counts
Homopolymer length
Number of repeat units
Microhomology length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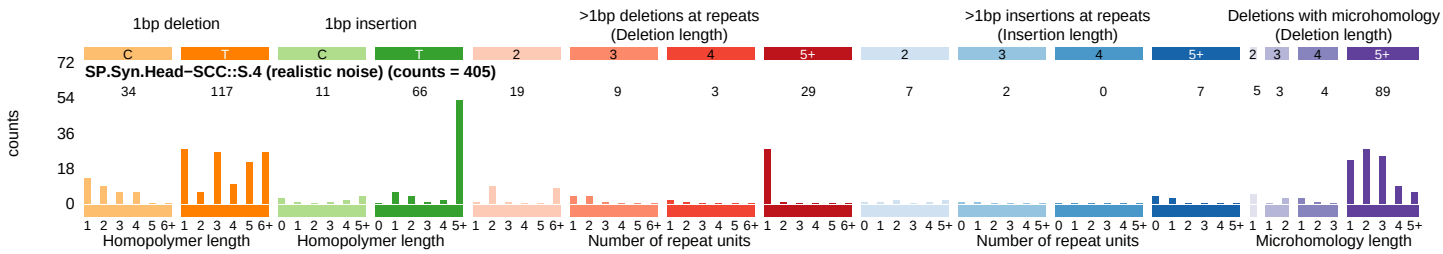
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.3 (realistic noise) (counts = 288)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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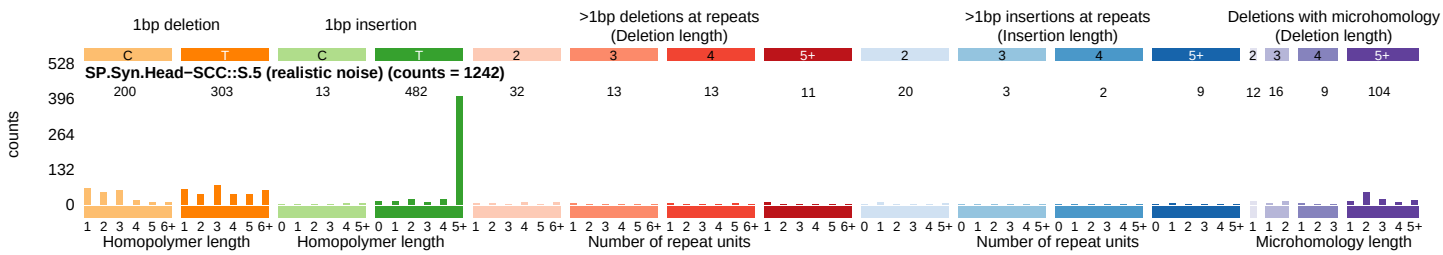
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.4 (realistic noise) (counts = 405)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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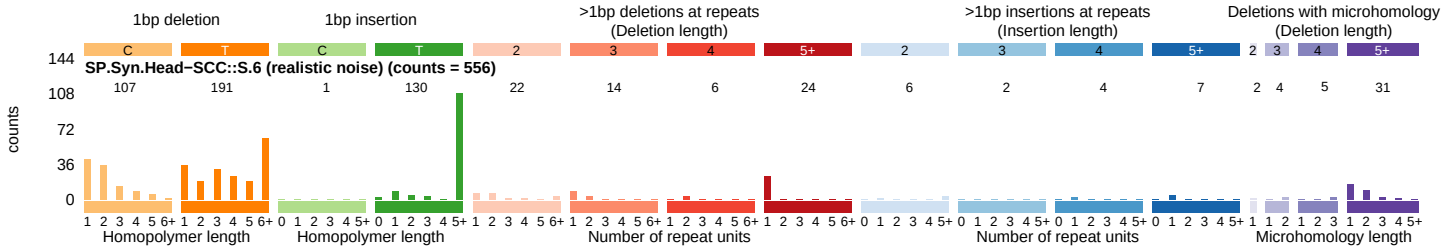
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.5 (realistic noise) (counts = 1242)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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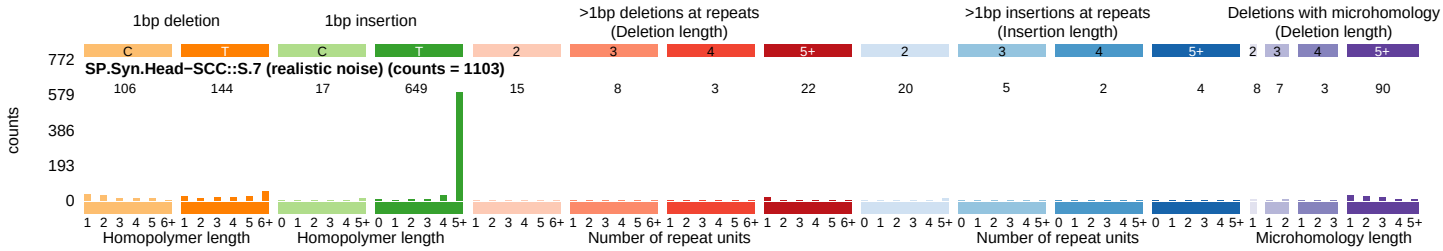
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.6 (realistic noise) (counts = 556)
107 191 1 130 22 14 6 24 6 2 4 7 2 4 5 31
counts
Homopolymer length
Number of repeat units
Microhomology length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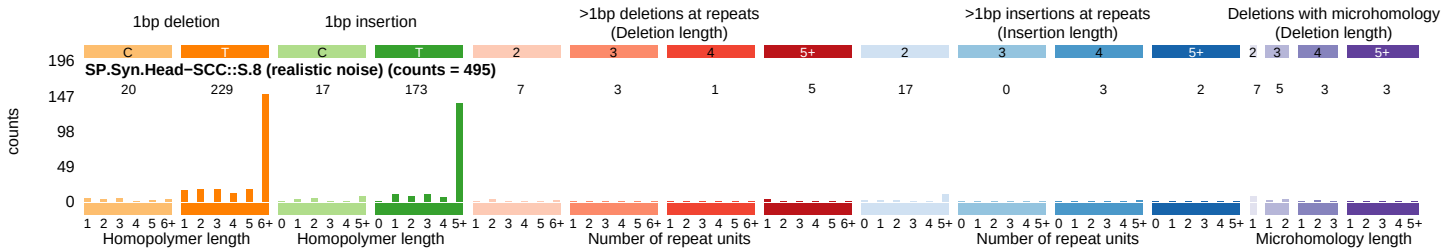
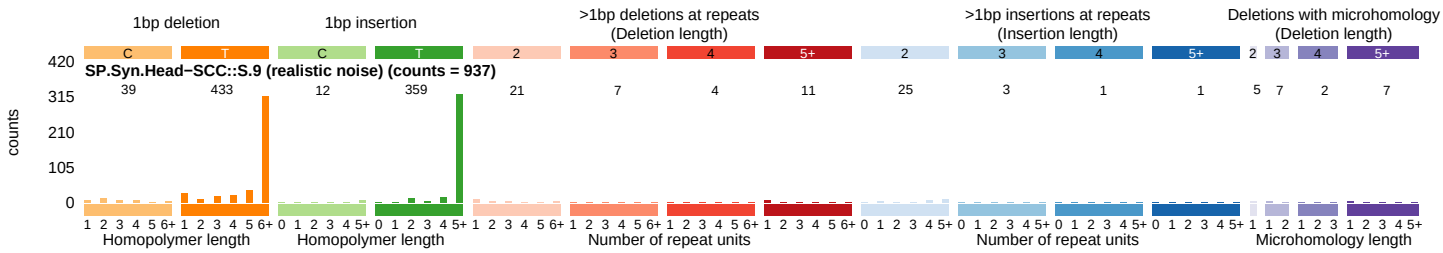
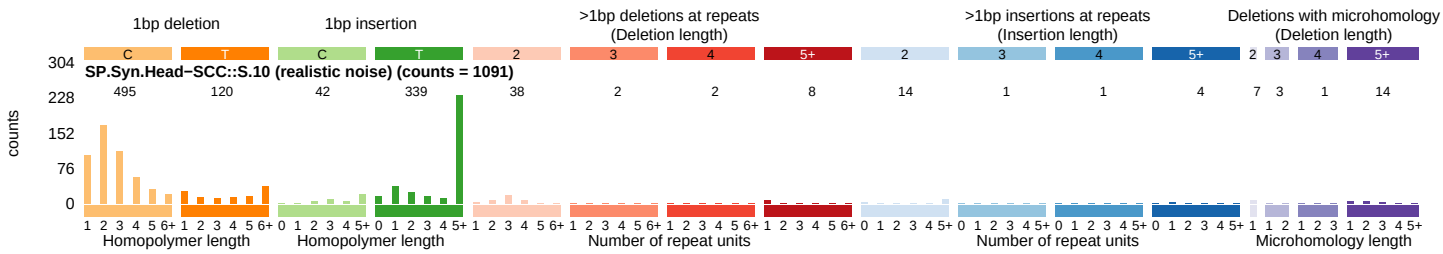
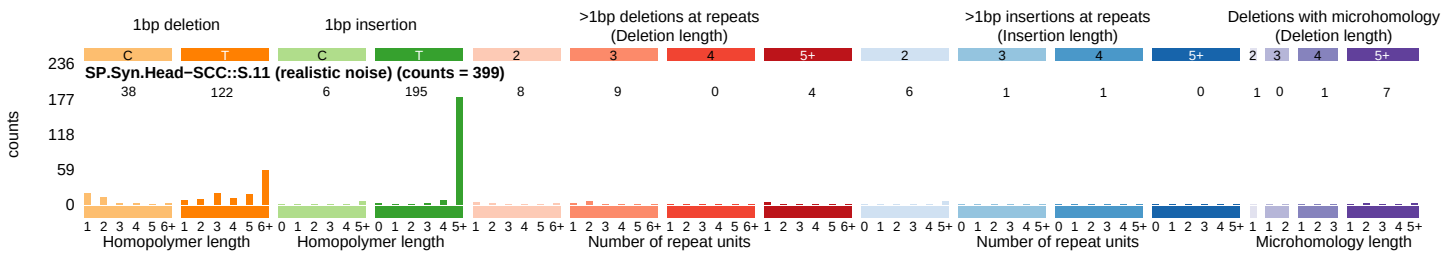
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.7 (realistic noise) (counts = 1103)
106 144 17 649 15 8 3 22 20 5 2 4 8 7 3 90
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.8 (realistic noise) (counts = 495)
20 229 17 173 7 3 1 5 17 0 3 2 7 5 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.Head−SCC::S.9 (realistic noise) (counts = 937)
39 433 12 359 21 7 4 11 25 3 1 1 5 7 2 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.10 (realistic noise) (counts = 1091)
495 120 42 339 38 2 2 8 14 1 1 4 7 3 1 14
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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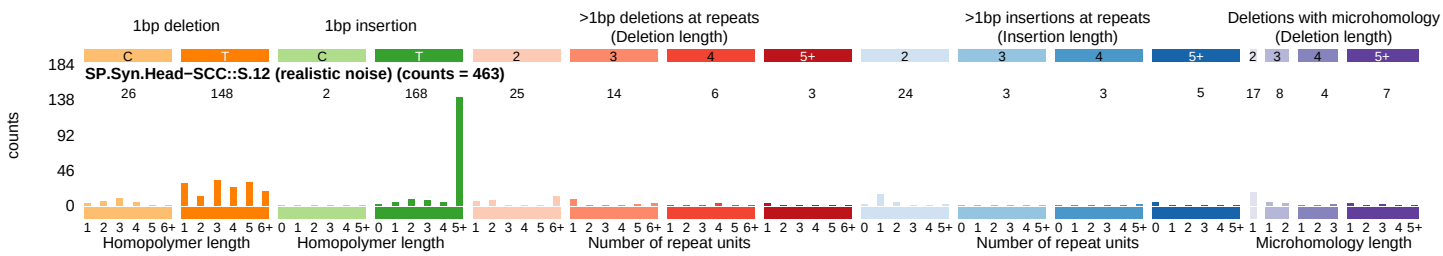
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.11 (realistic noise) (counts = 399)
38 122 6 195 8 9 0 4 6 1 1 0 1 0 1 7
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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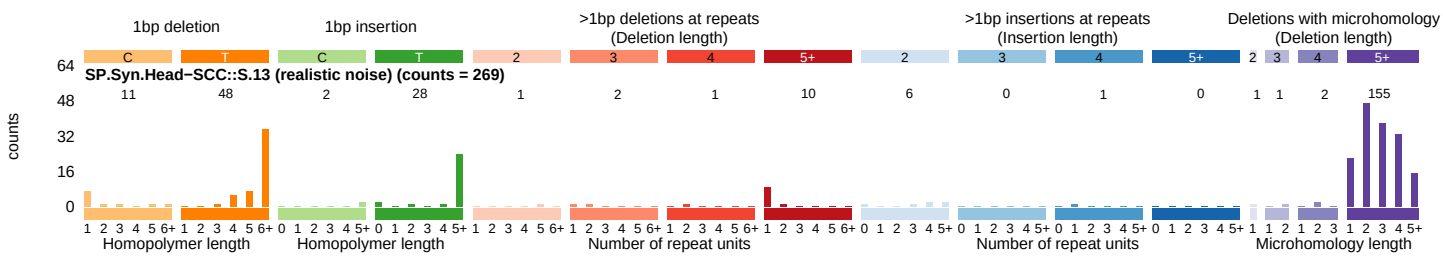
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.12 (realistic noise) (counts = 463)
26 148 2 168 25 14 6 3 24 3 3 5 17 8 4 7
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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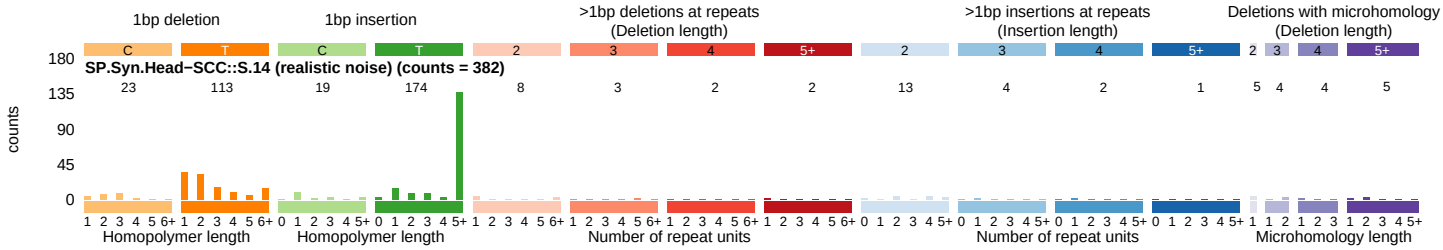
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.13 (realistic noise) (counts = 269)
11 48 2 28 1 2 1 10 6 0 1 0 1 1 2 155
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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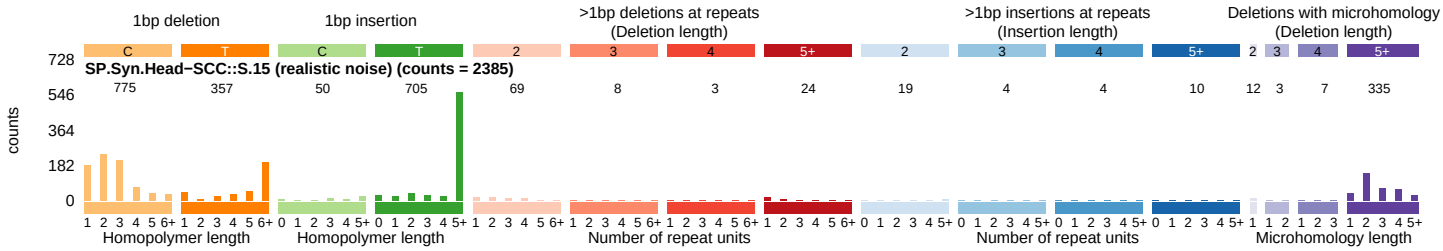
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.14 (realistic noise) (counts = 382)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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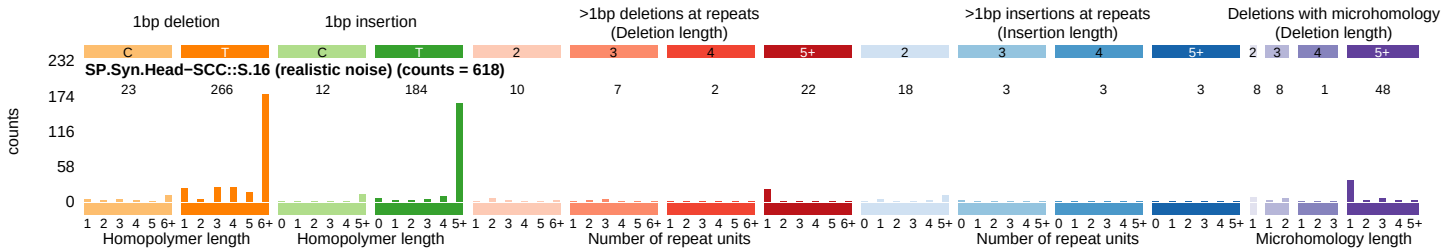
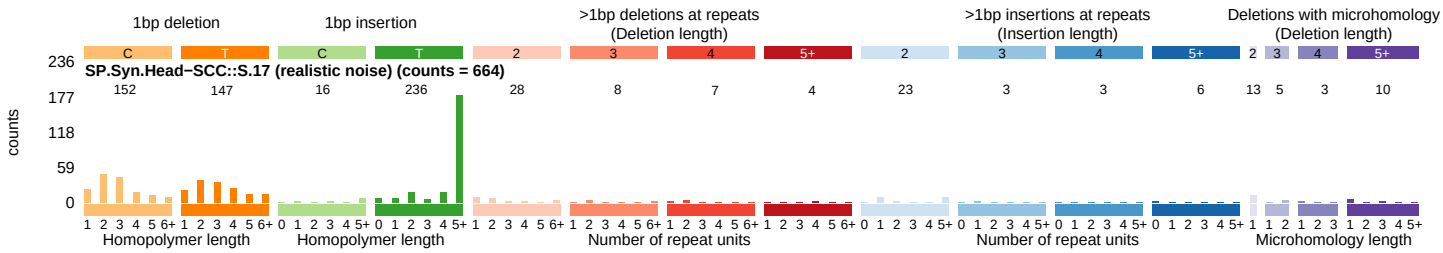
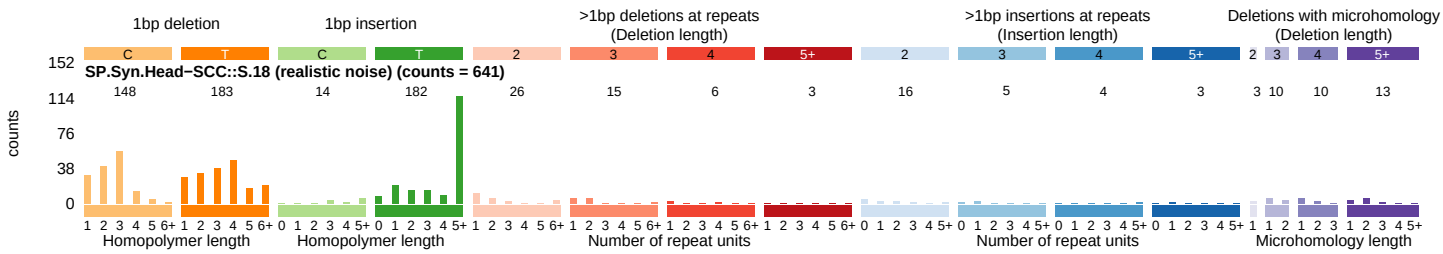
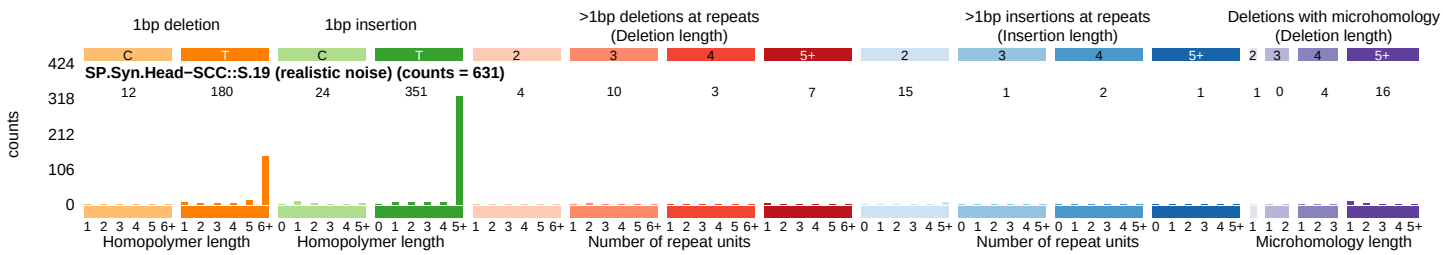
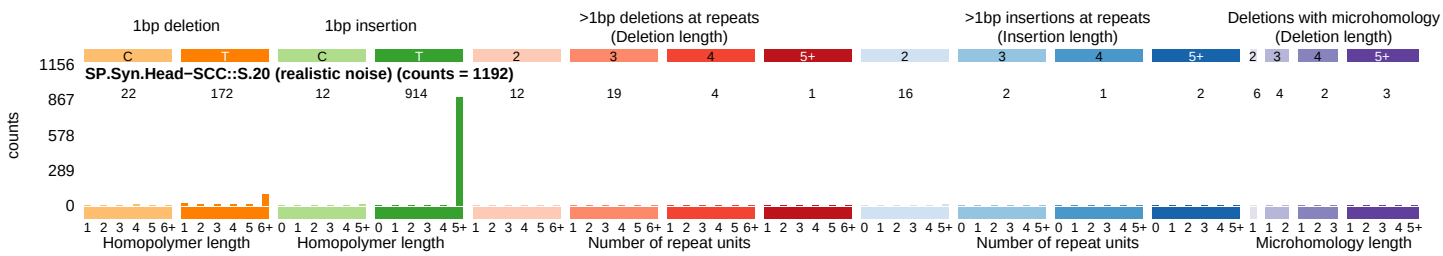
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.15 (realistic noise) (counts = 2385)
counts
Homopolymer length
Number of repeat units
Microhomology length

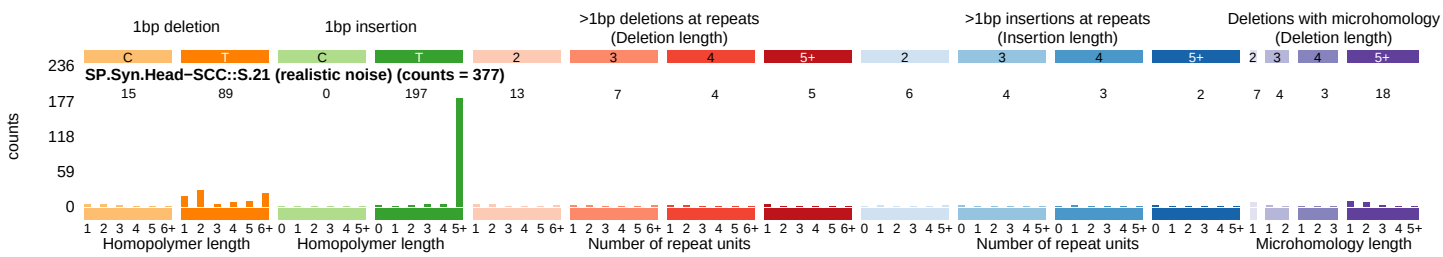

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.16 (realistic noise) (counts = 618)
counts
Homopolymer length
Number of repeat units
Microhomology length

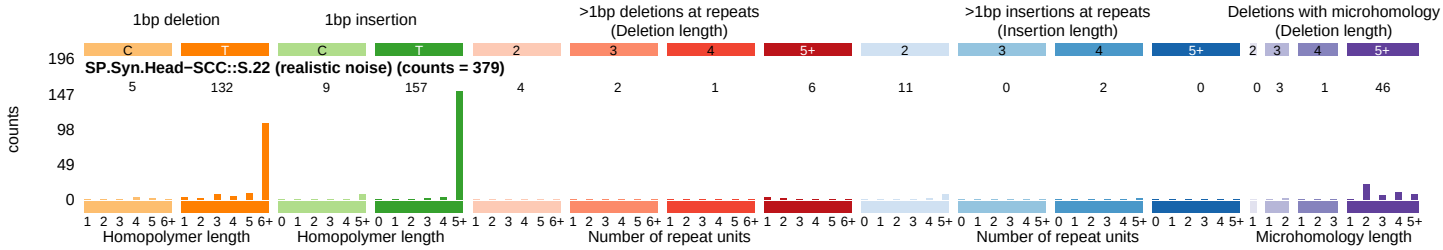

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.17 (realistic noise) (counts = 664)
counts
Homopolymer length
Number of repeat units
Microhomology length

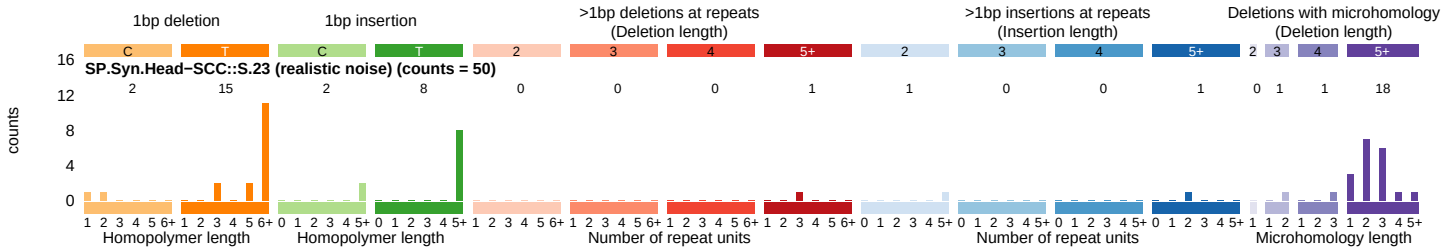

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.18 (realistic noise) (counts = 641)
counts
Homopolymer length
Number of repeat units
Microhomology length

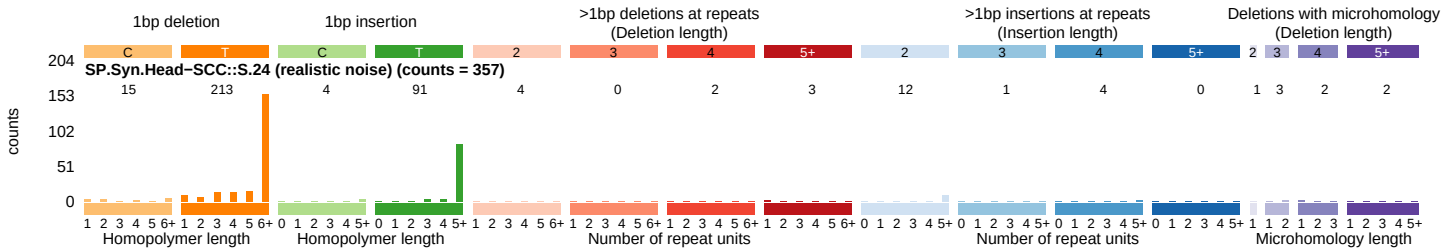

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.19 (realistic noise) (counts = 631)
counts
Homopolymer length
Number of repeat units
Microhomology length

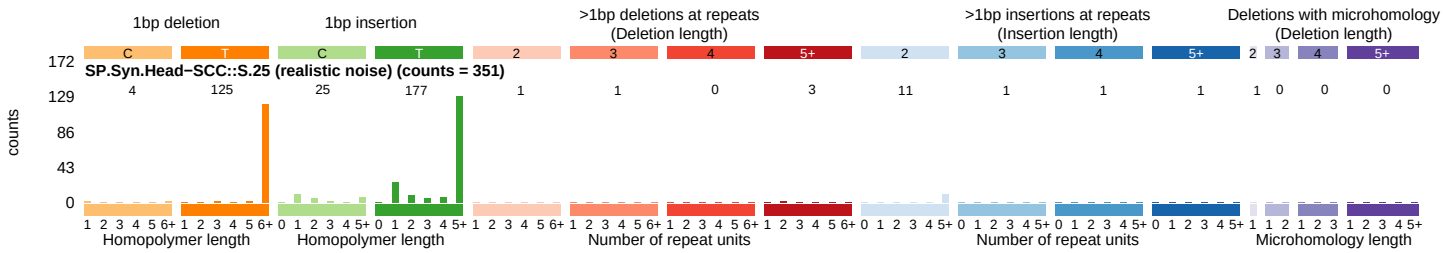

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.20 (realistic noise) (counts = 1192)
counts
Homopolymer length
Number of repeat units
Microhomology length

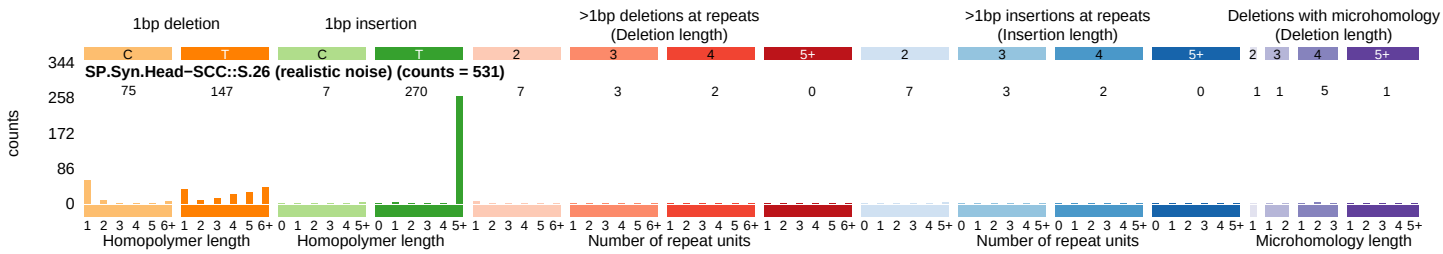

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.21 (realistic noise) (counts = 377)
counts
Homopolymer length
Number of repeat units
Microhomology length

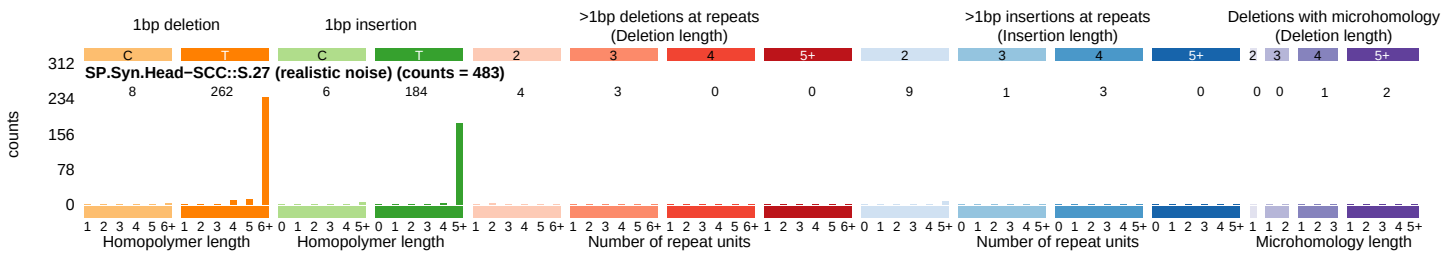

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.22 (realistic noise) (counts = 379)
counts
Homopolymer length
Number of repeat units
Microhomology length

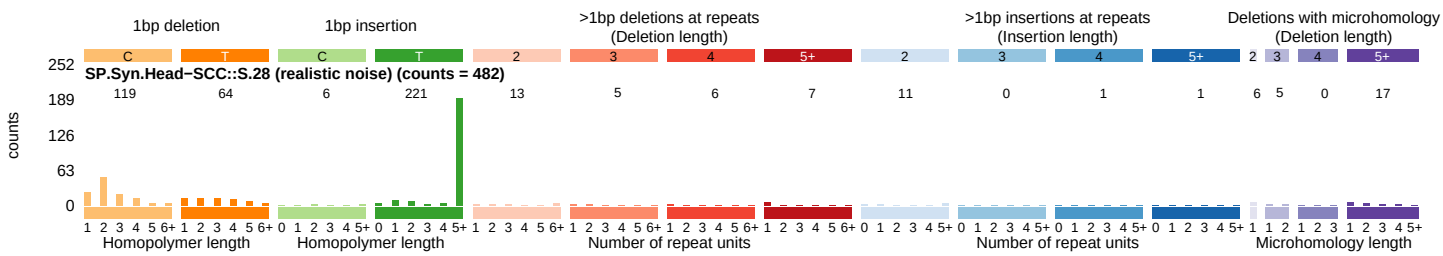

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.23 (realistic noise) (counts = 50)
counts
Homopolymer length
Number of repeat units
Microhomology length

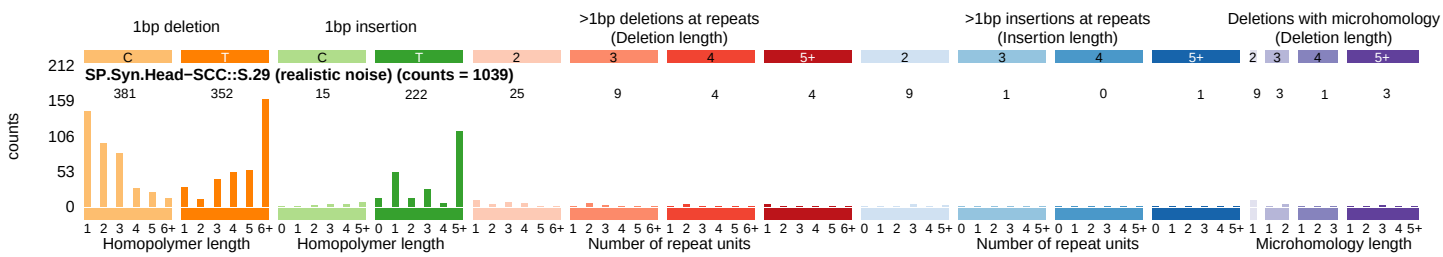

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.24 (realistic noise) (counts = 357)
counts
Homopolymer length
Number of repeat units
Microhomology length

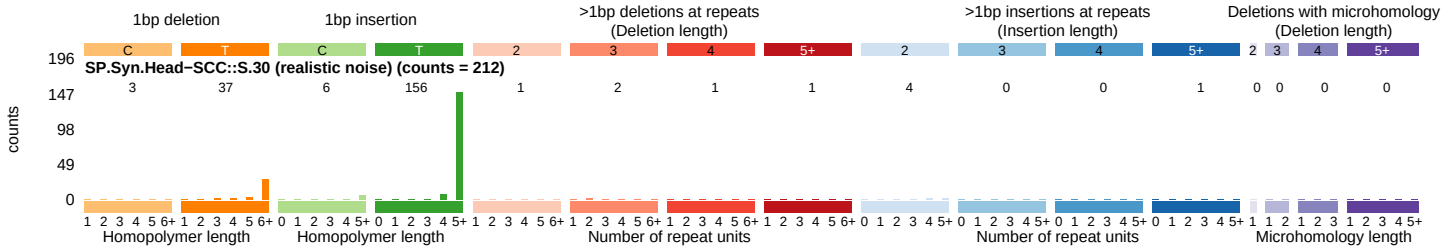

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.25 (realistic noise) (counts = 351)
counts
Homopolymer length
Number of repeat units
Microhomology length

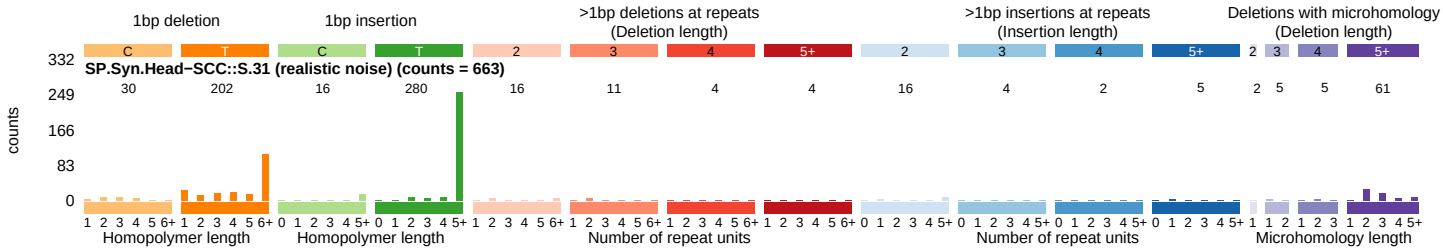

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.26 (realistic noise) (counts = 531)
counts
Homopolymer length
Number of repeat units
Microhomology length

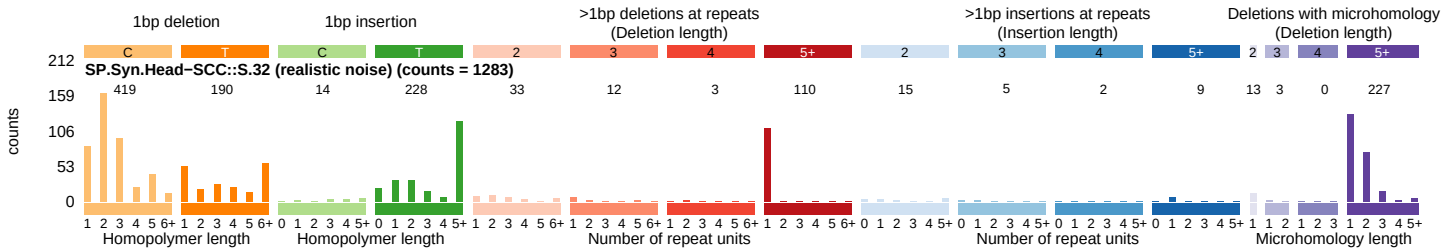

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.27 (realistic noise) (counts = 483)
counts
Homopolymer length
Number of repeat units
Microhomology length

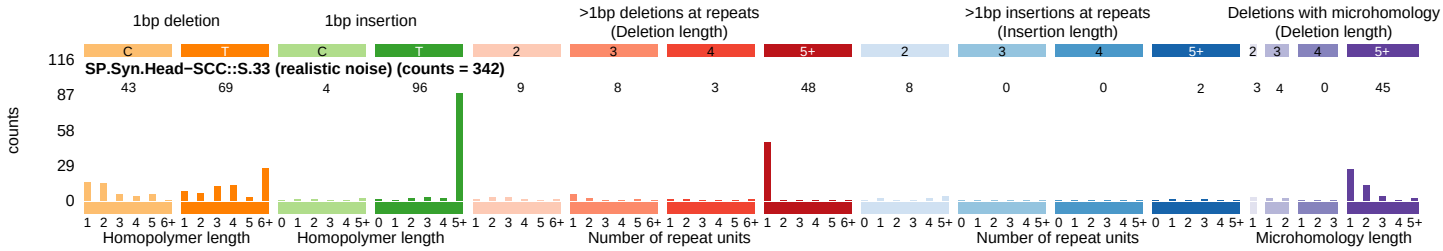

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.28 (realistic noise) (counts = 482)
counts
Homopolymer length
Number of repeat units
Microhomology length

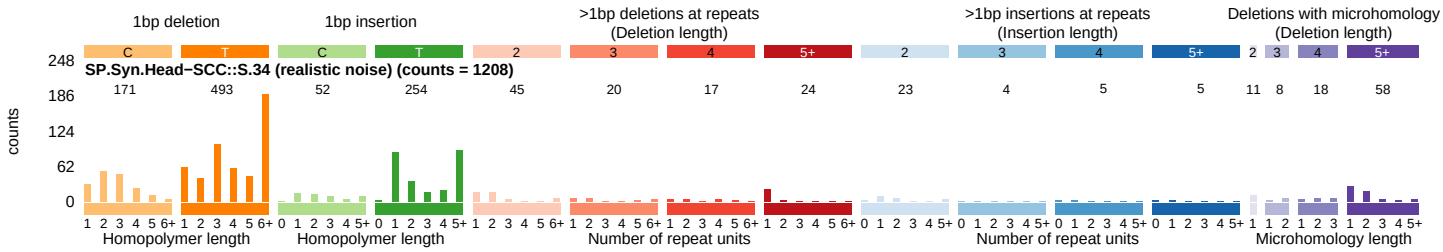

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.29 (realistic noise) (counts = 1039)
counts
Homopolymer length
Number of repeat units
Microhomology length

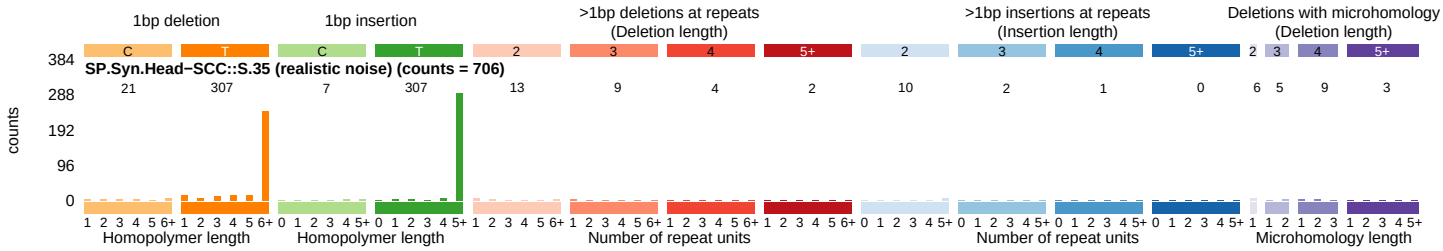

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.30 (realistic noise) (counts = 212)
counts
Homopolymer length
Number of repeat units
Microhomology length

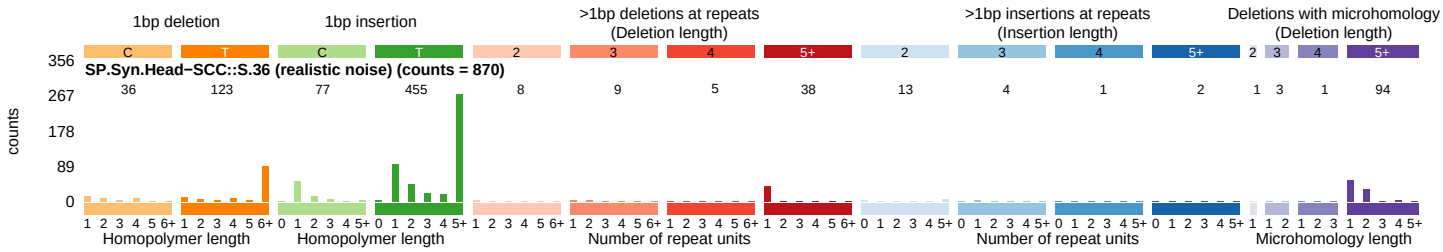

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.31 (realistic noise) (counts = 663)
counts
Homopolymer length
Number of repeat units
Microhomology length

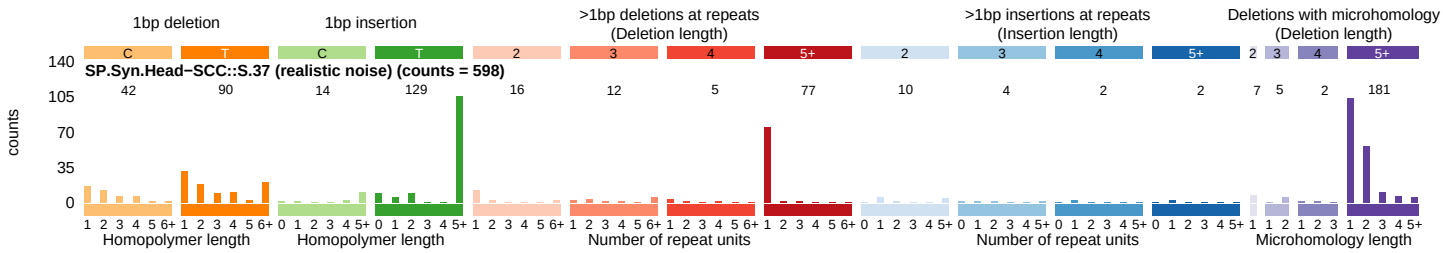

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.32 (realistic noise) (counts = 1283)
counts
Homopolymer length
Number of repeat units
Microhomology length

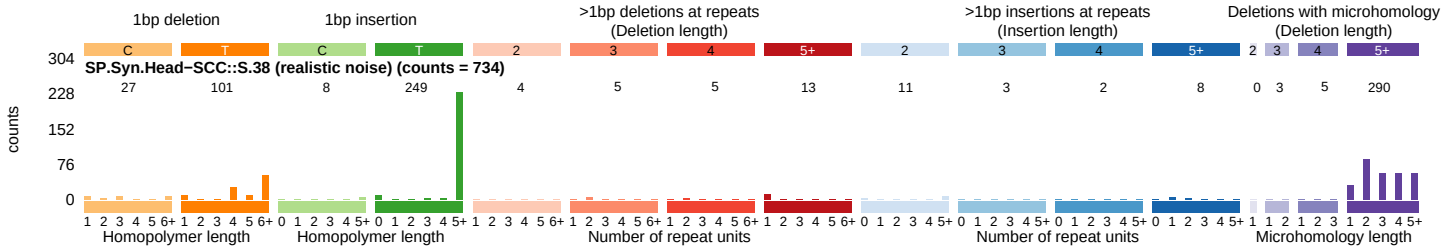

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.33 (realistic noise) (counts = 342)
counts
Homopolymer length
Number of repeat units
Microhomology length

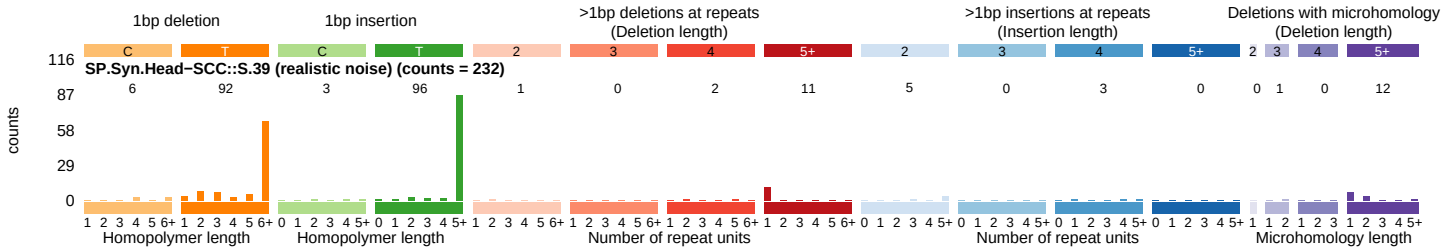

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.34 (realistic noise) (counts = 1208)
counts
Homopolymer length
Number of repeat units
Microhomology length

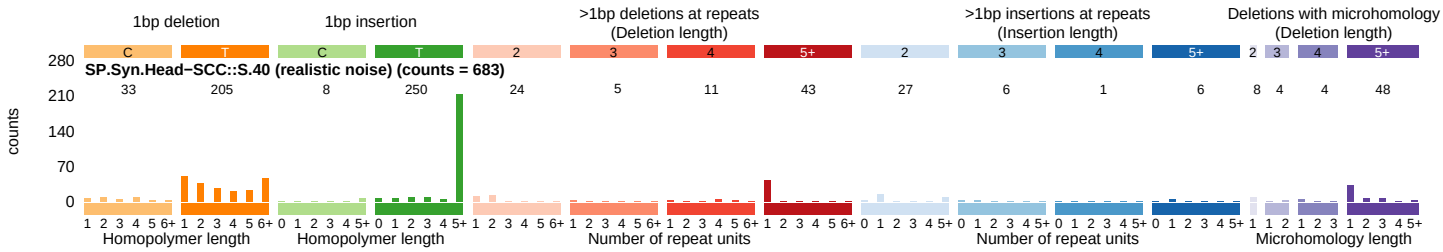

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.35 (realistic noise) (counts = 706)
counts
Homopolymer length
Number of repeat units
Microhomology length

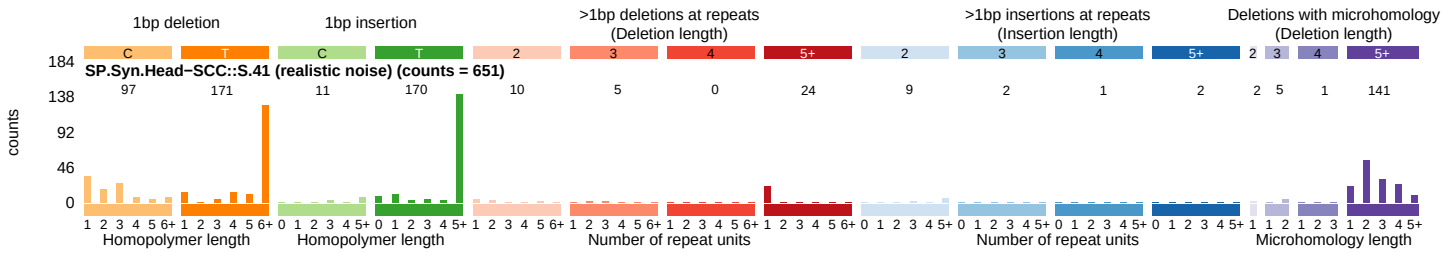

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.36 (realistic noise) (counts = 870)
counts
Homopolymer length
Number of repeat units
Microhomology length

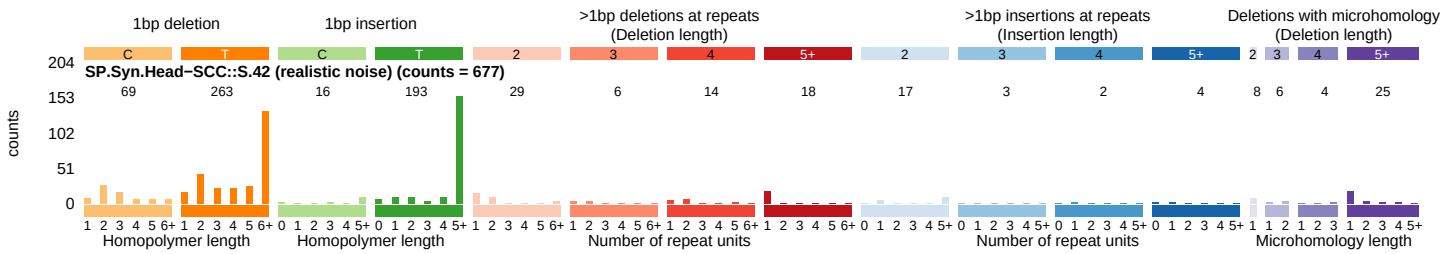

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.37 (realistic noise) (counts = 598)
counts
Homopolymer length
Number of repeat units
Microhomology length

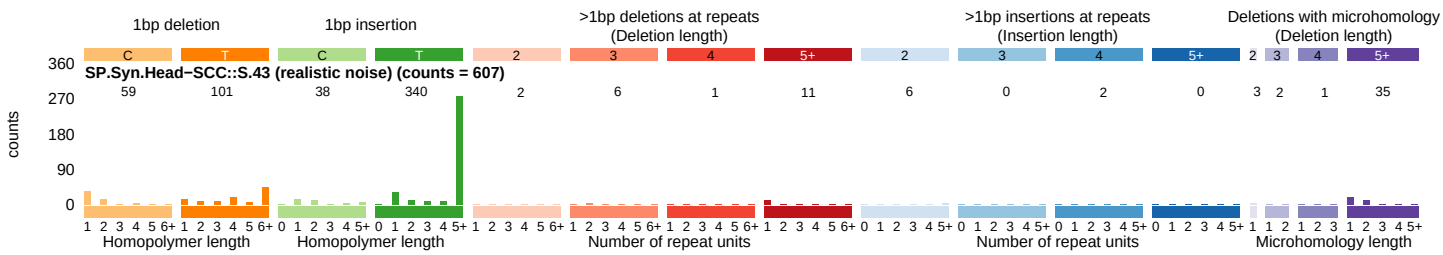

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.38 (realistic noise) (counts = 734)
counts
Homopolymer length
Number of repeat units
Microhomology length

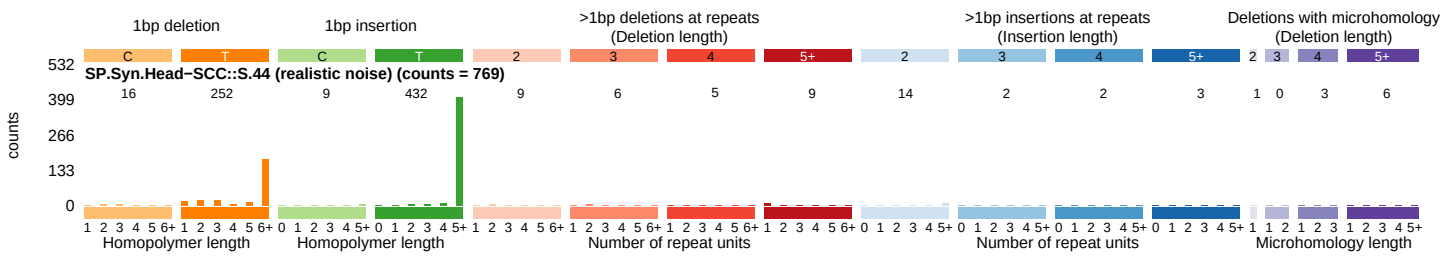

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.39 (realistic noise) (counts = 232)
counts
Homopolymer length
Number of repeat units
Microhomology length

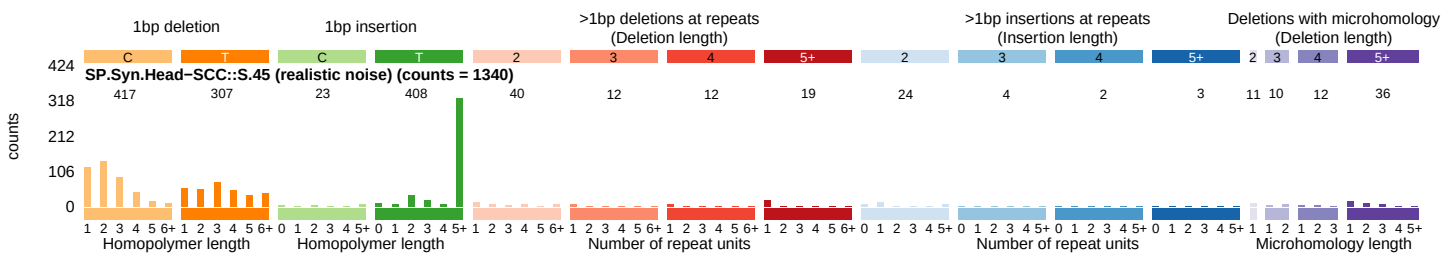

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.40 (realistic noise) (counts = 683)
counts
Homopolymer length
Number of repeat units
Microhomology length

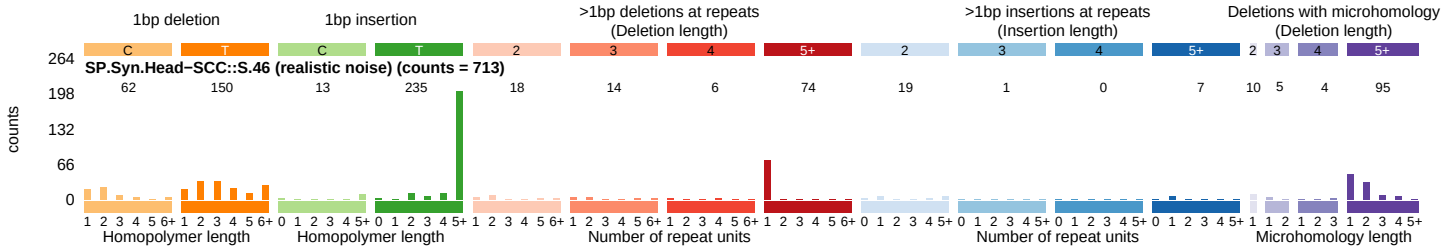

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.41 (realistic noise) (counts = 651)
counts
Homopolymer length
Number of repeat units
Microhomology length

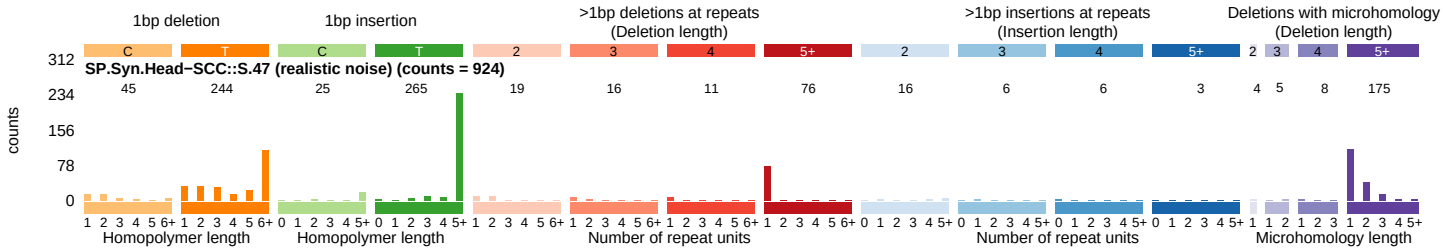

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.42 (realistic noise) (counts = 677)
counts
Homopolymer length
Number of repeat units
Microhomology length

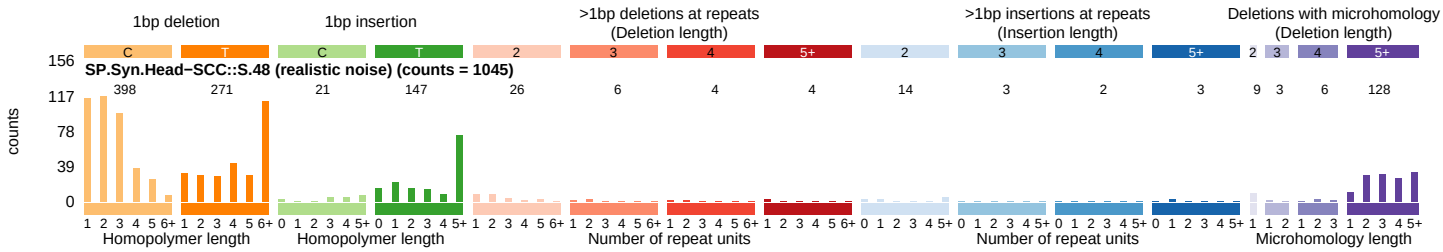

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.43 (realistic noise) (counts = 607)
counts
Homopolymer length
Number of repeat units
Microhomology length

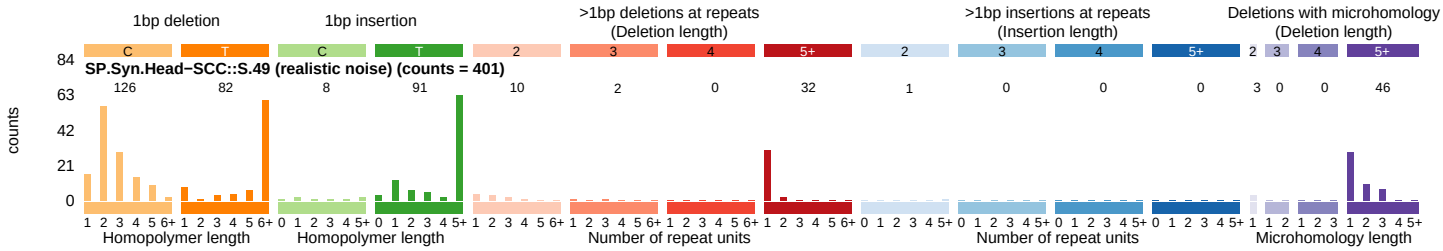

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.44 (realistic noise) (counts = 769)
counts
Homopolymer length
Number of repeat units
Microhomology length

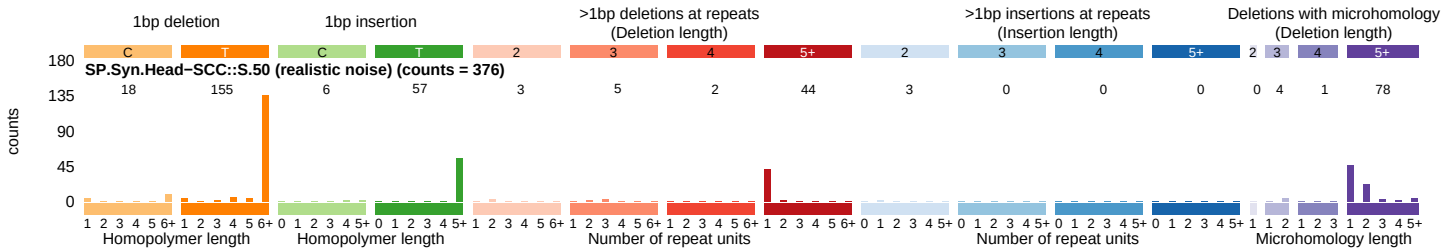

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.45 (realistic noise) (counts = 1340)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (realistic noise) (counts = 713)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 924)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 1045)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 401)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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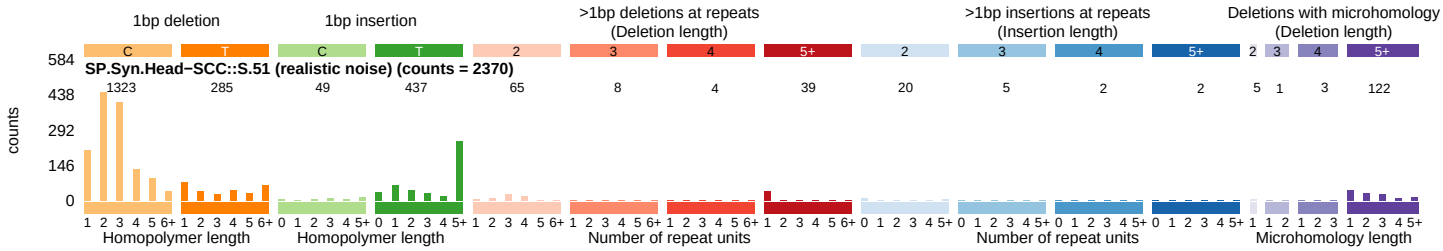
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.50 (realistic noise) (counts = 376)
counts
Homopolymer length
Number of repeat units
Microhomology length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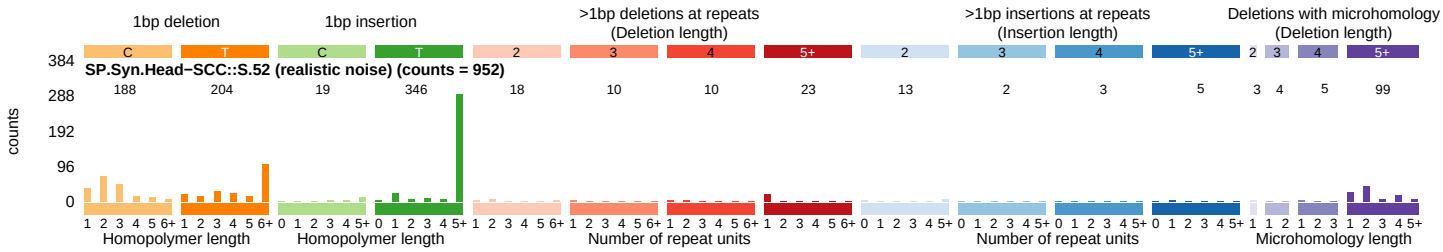
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.51 (realistic noise) (counts = 2370)
counts
Homopolymer length
Number of repeat units
Microhomology length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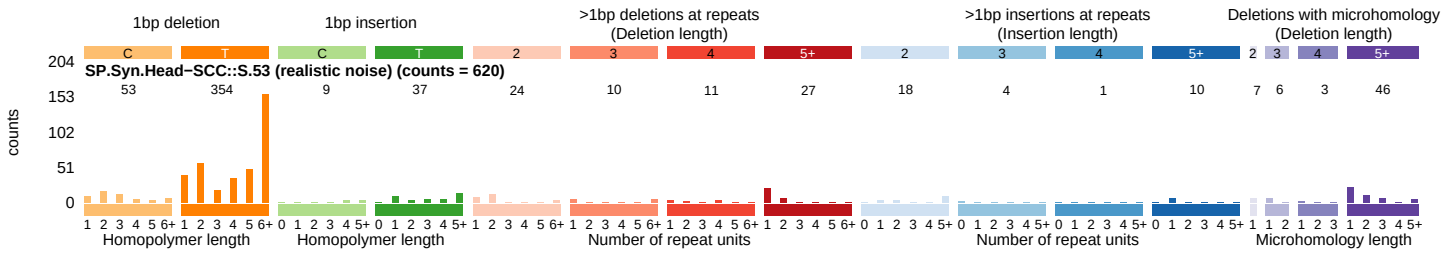
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.52 (realistic noise) (counts = 952)
counts
Homopolymer length
Number of repeat units
Microhomology length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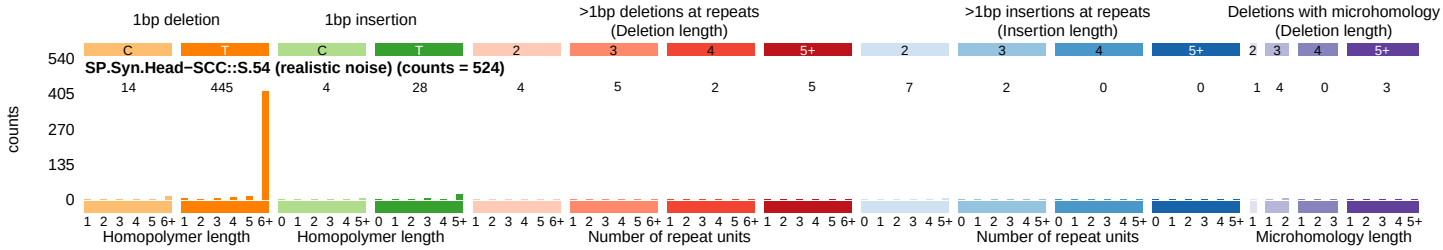
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.53 (realistic noise) (counts = 620)
counts
Homopolymer length
Number of repeat units
Microhomology length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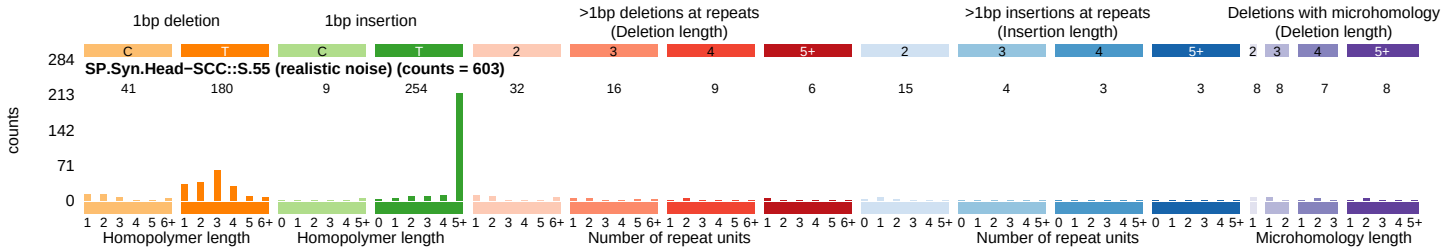
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.54 (realistic noise) (counts = 524)
14 445 4 28 4 5 2 5 7 2 0 0 1 4 0 3
counts
Homopolymer length
Number of repeat units
Microhomology length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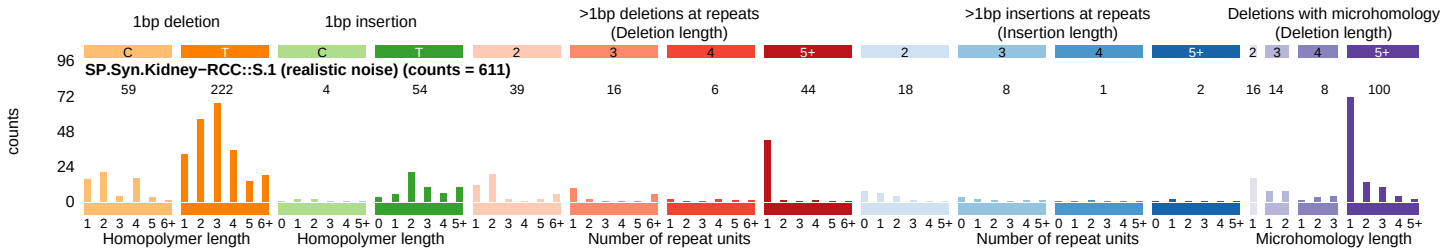
Deletions with microhomology (Deletion length)
SP.Syn.Head−SCC::S.55 (realistic noise) (counts = 603)
41 180 9 254 32 16 9 6 15 4 3 3 8 8 7 8
counts
Homopolymer length
Number of repeat units
Microhomology length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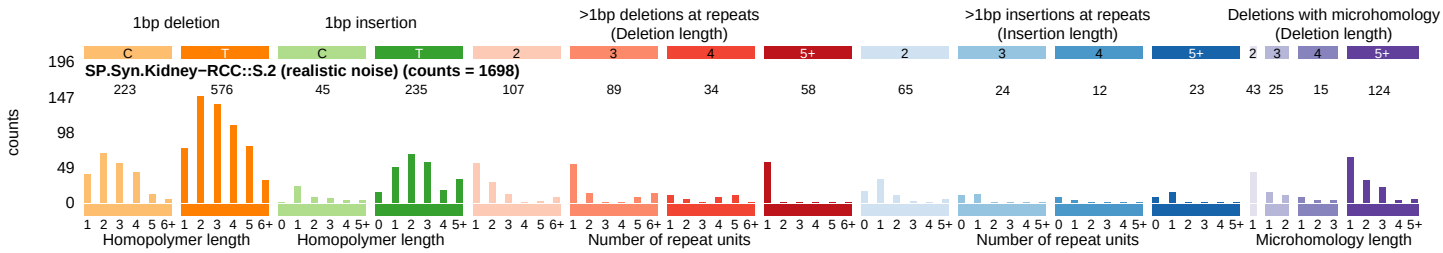
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.1 (realistic noise) (counts = 611)
59 222 4 54 39 16 6 44 18 8 1 2 16 14 8 100
counts
Homopolymer length
Number of repeat units
Microhomology length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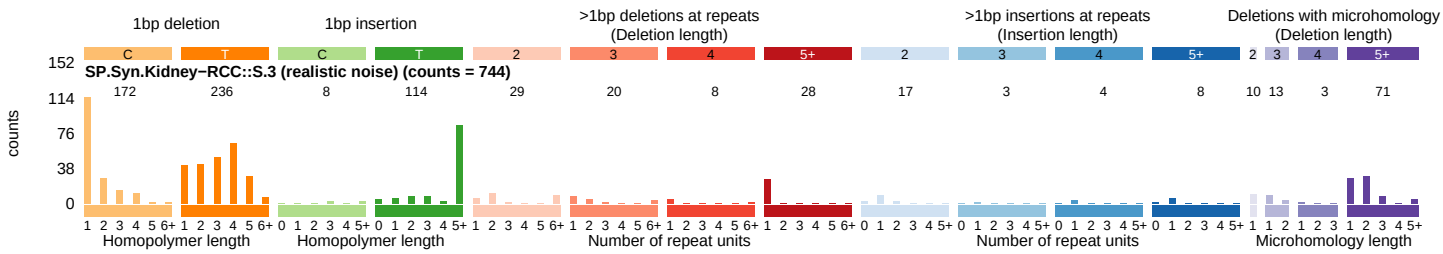
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.2 (realistic noise) (counts = 1698)
223 576 45 235 107 89 34 58 65 24 12 23 43 25 15 124
counts
Homopolymer length
Number of repeat units
Microhomology length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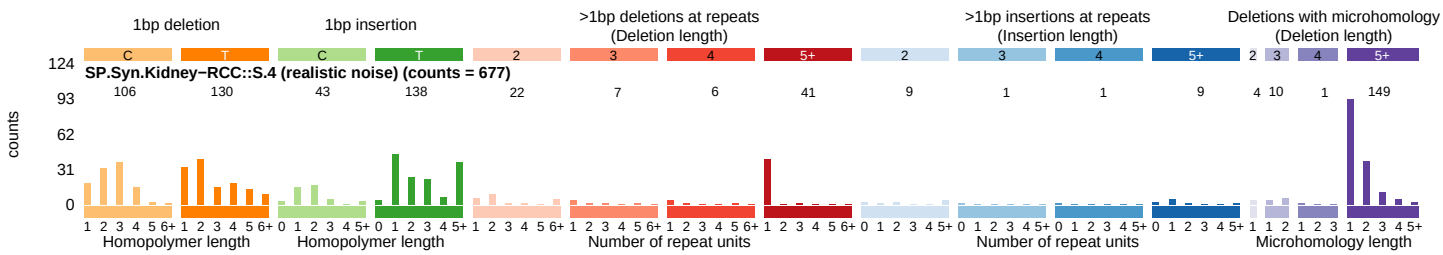
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.3 (realistic noise) (counts = 744)
172 236 8 114 29 20 8 28 17 3 4 8 10 13 3 71
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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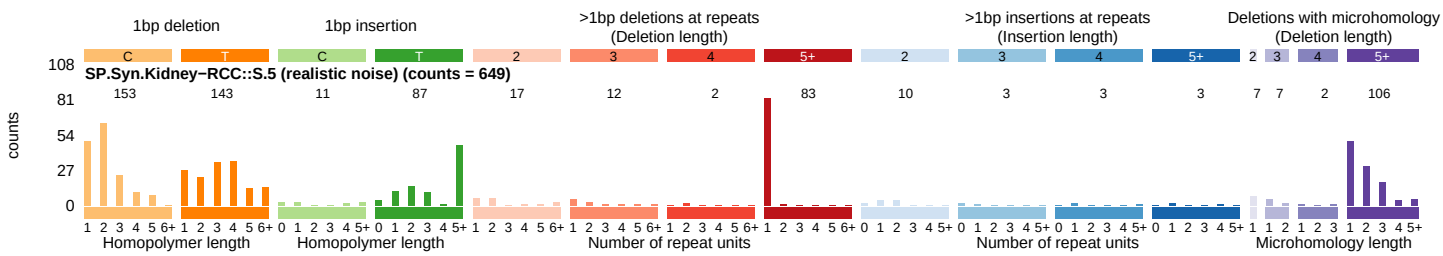
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.4 (realistic noise) (counts = 677)
106 130 43 138 22 7 6 41 9 1 1 9 4 10 1 149
counts
Homopolymer length
Number of repeat units
Microhomology length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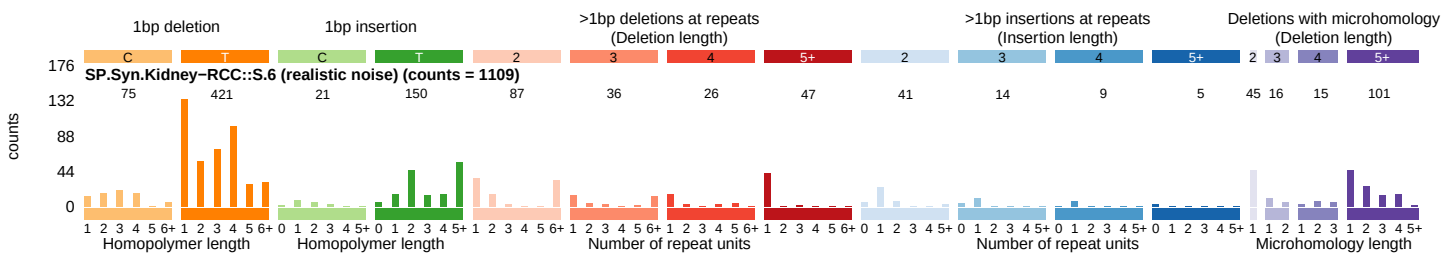
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.5 (realistic noise) (counts = 649)
153 143 11 87 17 12 2 83 10 3 3 3 7 7 2 106
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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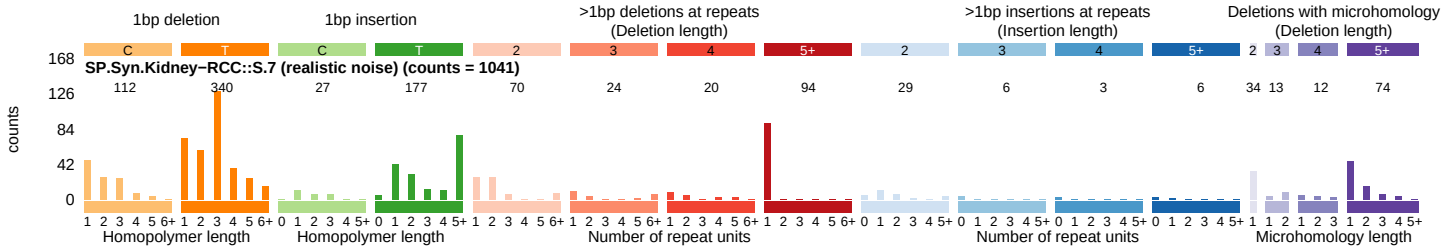
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.6 (realistic noise) (counts = 1109)
75 421 21 150 87 36 26 47 41 14 9 5 45 16 15 101
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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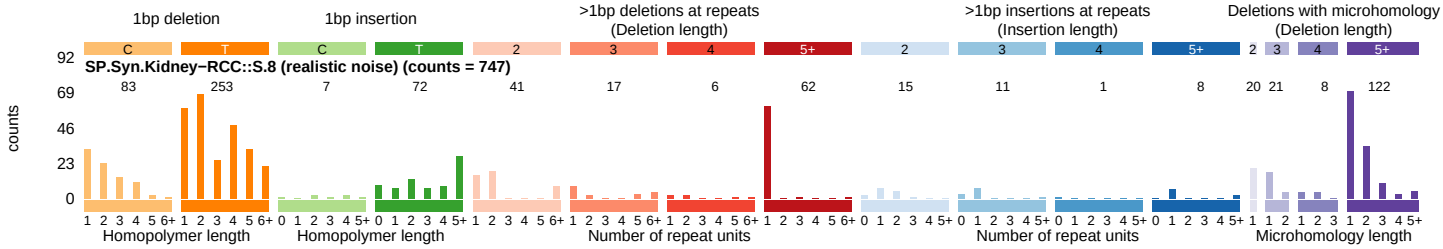
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.7 (realistic noise) (counts = 1041)
112 340 27 177 70 24 20 94 29 6 3 6 34 13 12 74
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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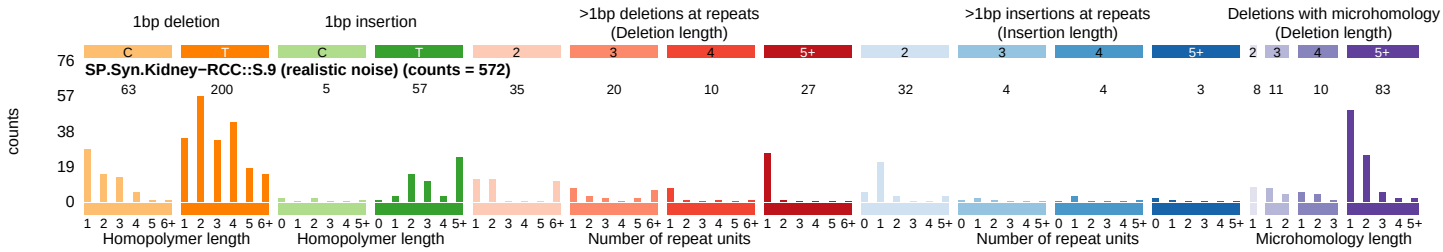
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.8 (realistic noise) (counts = 747)
83 253 7 72 41 17 6 62 15 11 1 8 20 21 8 122
counts
Homopolymer length
Number of repeat units
Microhomology length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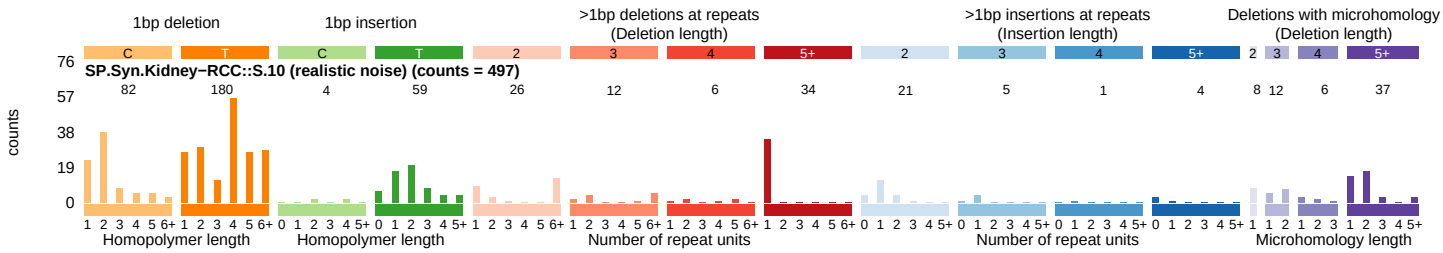
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.9 (realistic noise) (counts = 572)
63 200 5 57 35 20 10 27 32 4 4 3 8 11 10 83
counts
Homopolymer length
Number of repeat units
Microhomology length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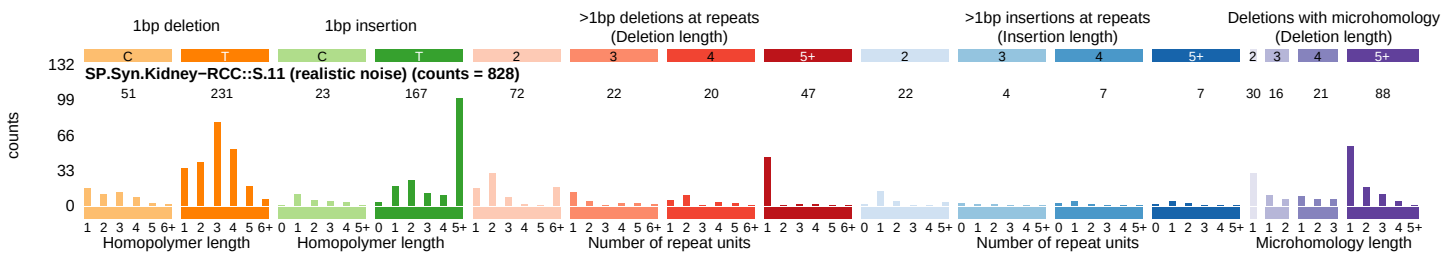
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.10 (realistic noise) (counts = 497)
82 180 4 59 26 12 6 34 21 5 1 4 8 12 6 37
counts
Homopolymer length
Number of repeat units
Microhomology length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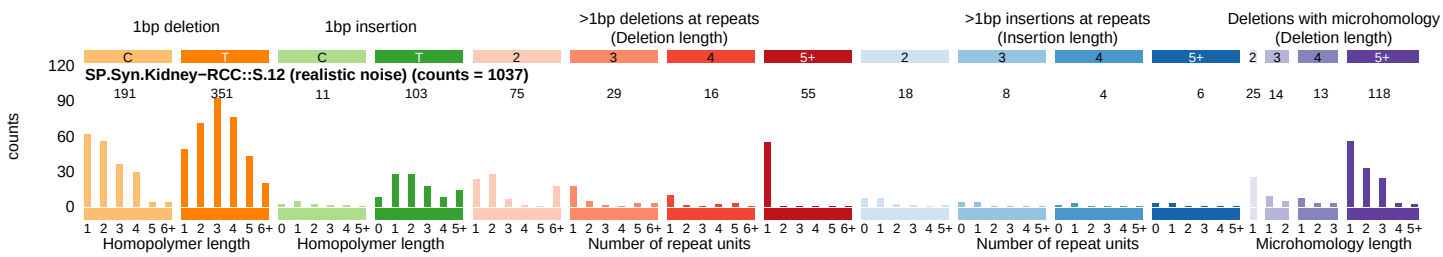
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.11 (realistic noise) (counts = 828)
51 231 23 167 72 22 20 47 22 4 7 7 30 16 21 88
counts
Homopolymer length
Number of repeat units
Microhomology length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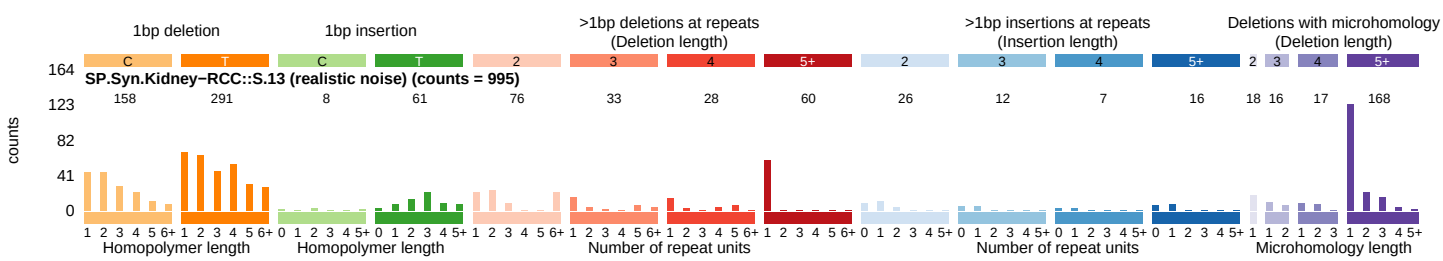
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.12 (realistic noise) (counts = 1037)
191 351 11 103 75 29 16 55 18 8 4 6 25 14 13 118
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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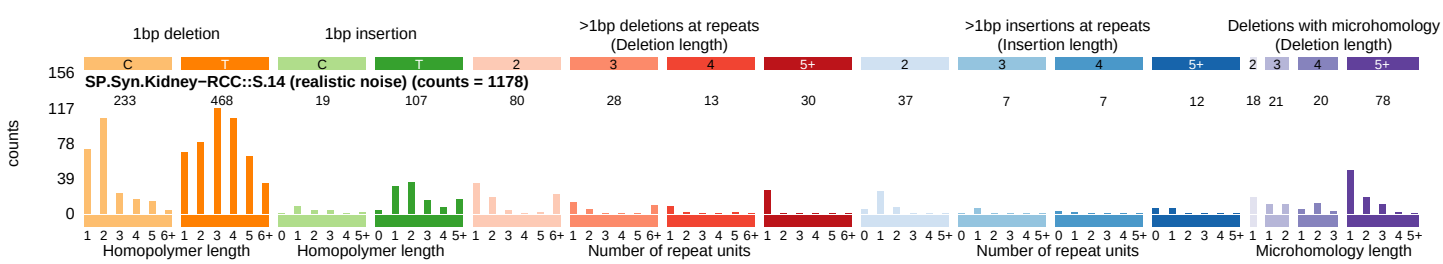
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.13 (realistic noise) (counts = 995)
158 291 8 61 76 33 28 60 26 12 7 16 18 16 17 168
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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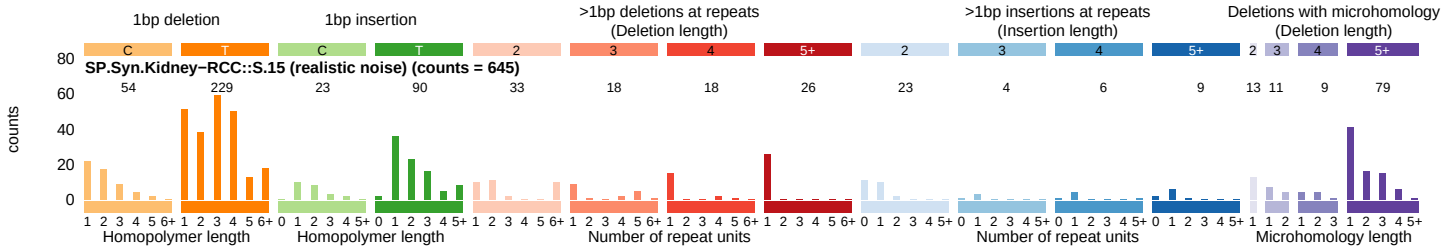
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.14 (realistic noise) (counts = 1178)
233 468 19 107 80 28 13 30 37 7 7 12 18 21 20 78
counts
Homopolymer length
Number of repeat units
Microhomology length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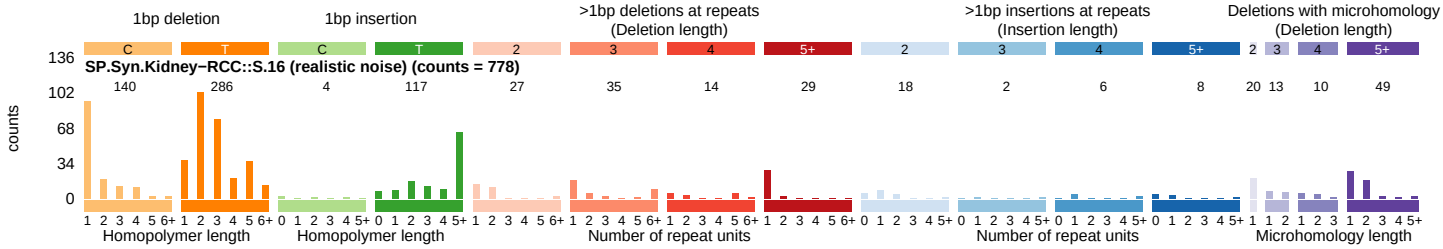
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.15 (realistic noise) (counts = 645)
54 229 23 90 33 18 18 26 23 4 6 9 13 11 9 79
counts
Homopolymer length
Number of repeat units
Microhomology length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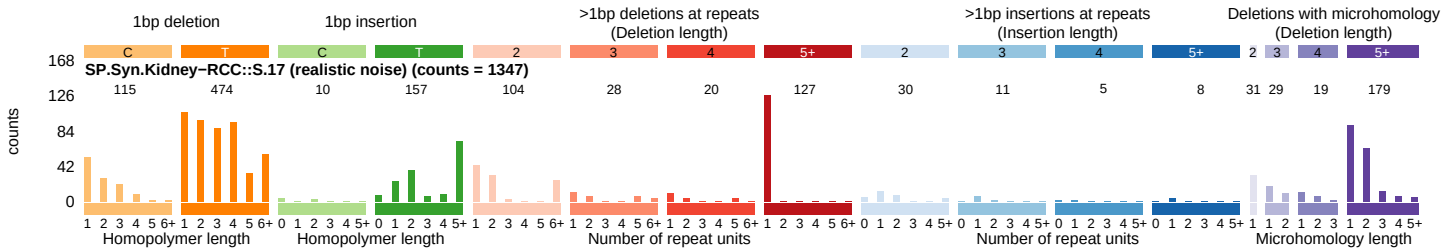
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.16 (realistic noise) (counts = 778)
140 286 4 117 27 35 14 29 18 2 6 8 20 13 10 49
counts
Homopolymer length
Number of repeat units
Microhomology length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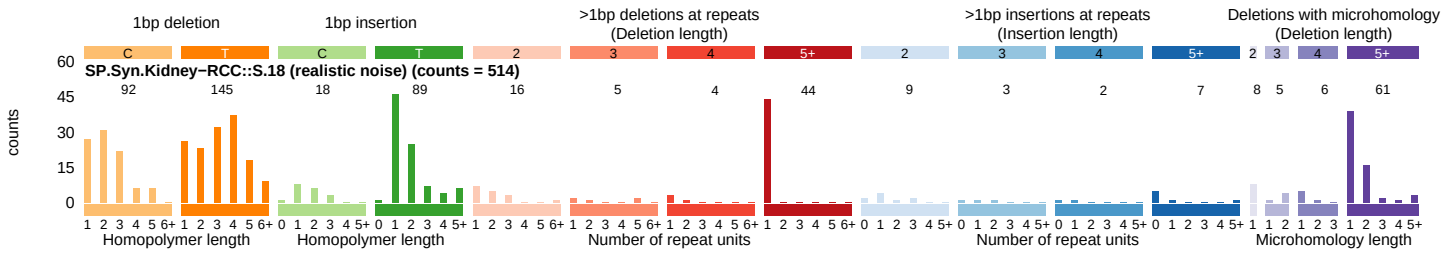
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.17 (realistic noise) (counts = 1347)
115 474 10 157 104 28 20 127 30 11 5 8 31 29 19 179
counts
Homopolymer length
Number of repeat units
Microhomology length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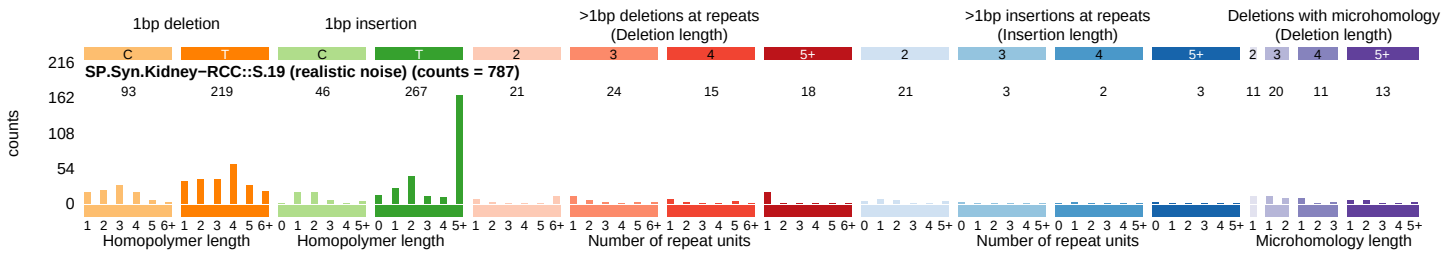
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.18 (realistic noise) (counts = 514)
92 145 18 89 16 5 4 44 9 3 2 7 8 5 6 61
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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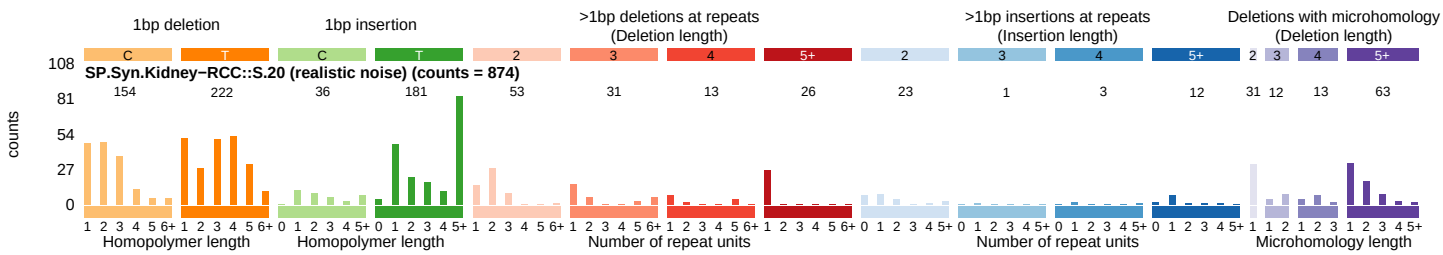
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.19 (realistic noise) (counts = 787)
93 219 46 267 21 24 15 18 21 3 2 3 11 20 11 13
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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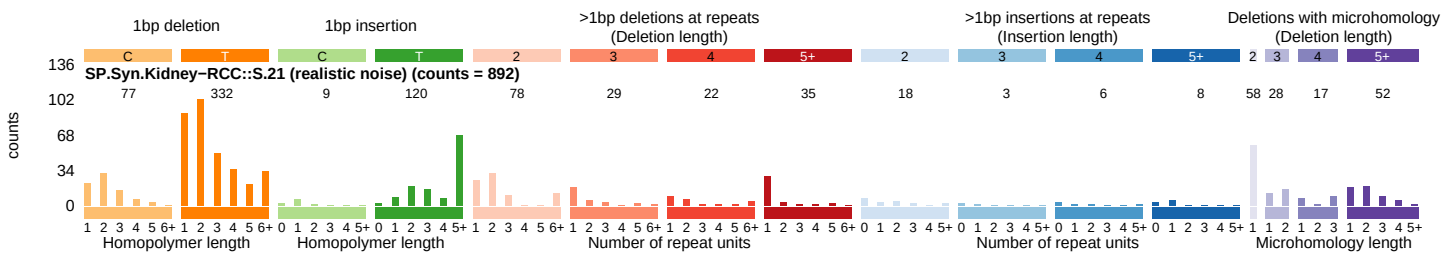
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.20 (realistic noise) (counts = 874)
154 222 36 181 53 31 13 26 23 1 3 12 31 12 13 63
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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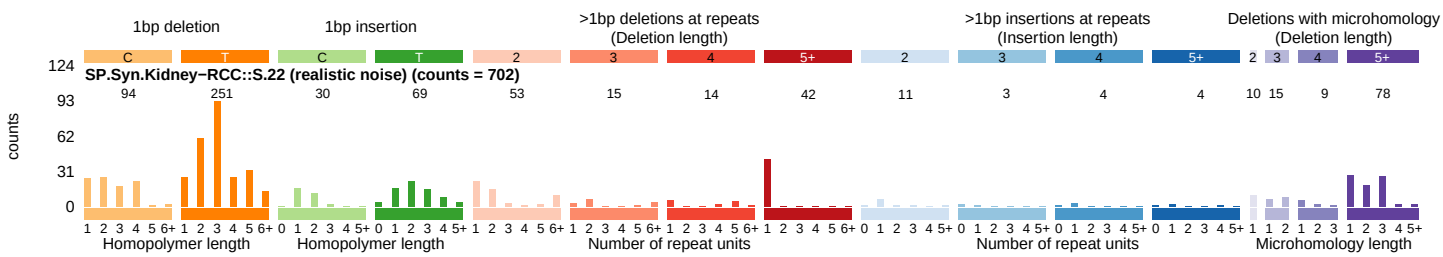
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.21 (realistic noise) (counts = 892)
77 332 9 120 78 29 22 35 18 3 6 8 58 28 17 52
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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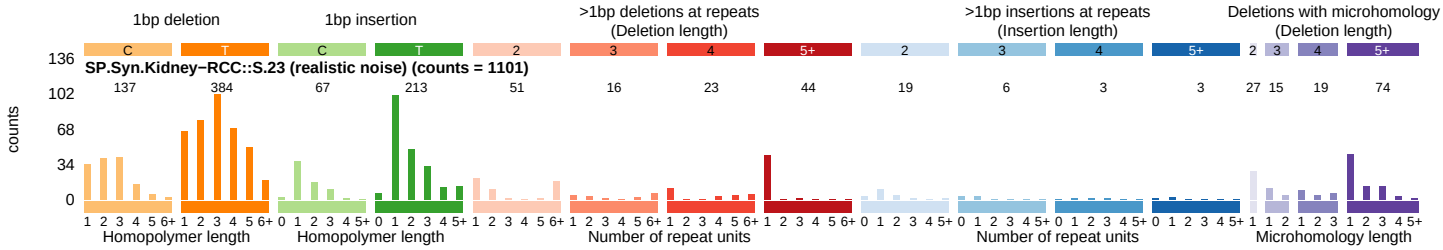
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.22 (realistic noise) (counts = 702)
94 251 30 69 53 15 14 42 11 3 4 4 10 15 9 78
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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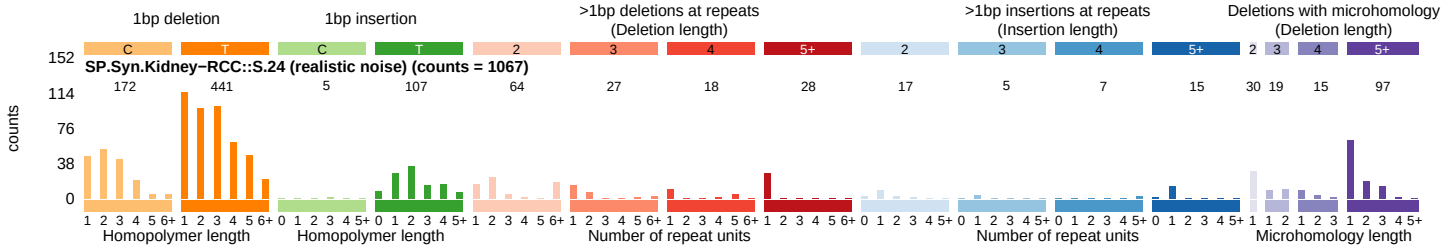
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.23 (realistic noise) (counts = 1101)
137 384 67 213 51 16 23 44 19 6 3 3 27 15 19 74
counts
Homopolymer length
Number of repeat units
Microhomology length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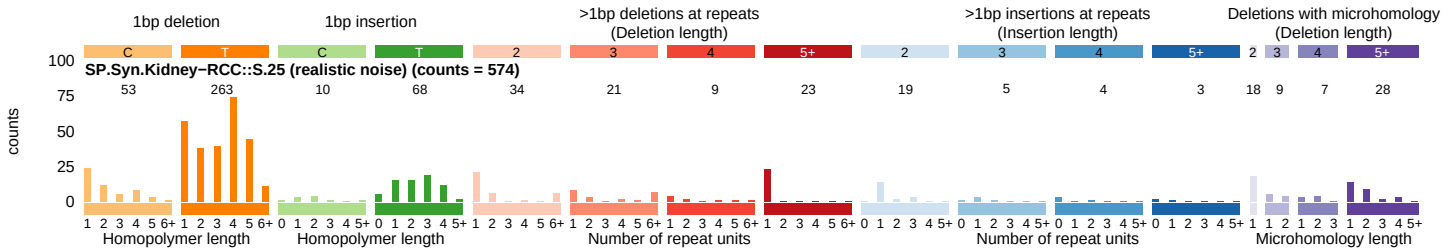
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.24 (realistic noise) (counts = 1067)
172 441 5 107 64 27 18 28 17 5 7 15 30 19 15 97
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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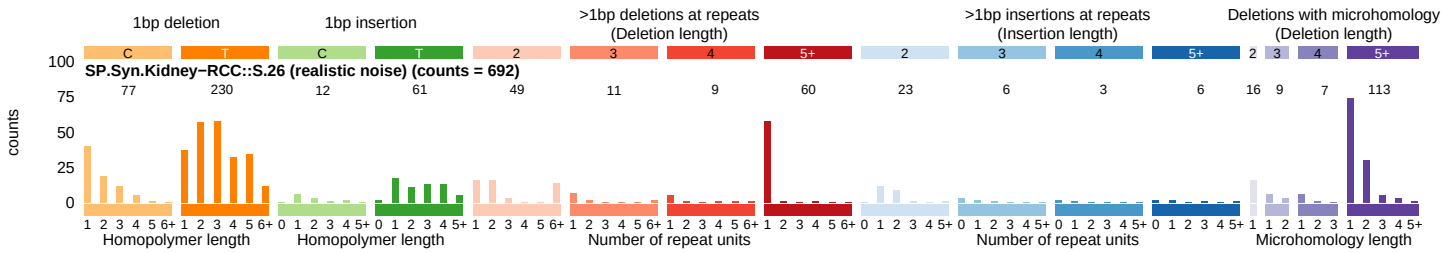
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.25 (realistic noise) (counts = 574)
53 263 10 68 34 21 9 23 19 5 4 3 18 9 7 28
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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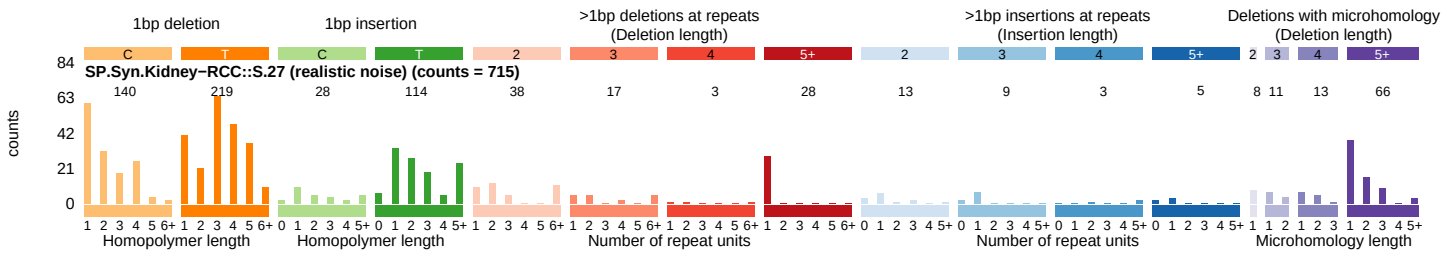
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.26 (realistic noise) (counts = 692)
77 230 12 61 49 11 9 60 23 6 3 6 16 9 7 113
counts
Homopolymer length
Number of repeat units
Microhomology length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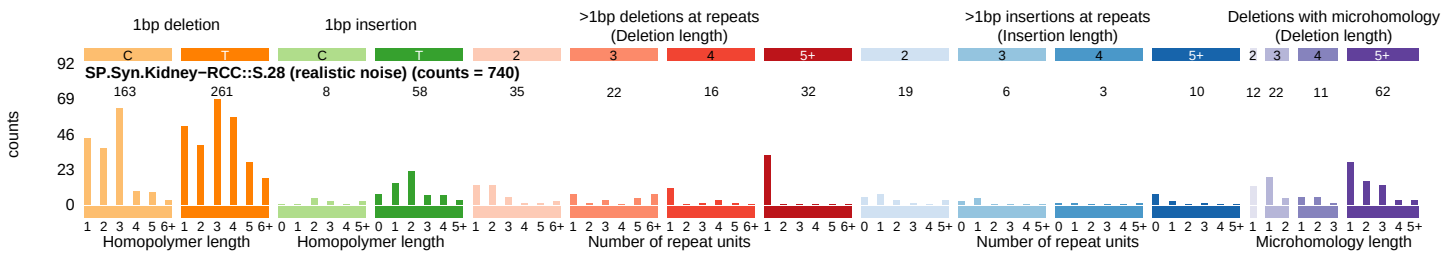
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.27 (realistic noise) (counts = 715)
140 219 28 114 38 17 3 28 13 9 3 5 8 11 13 66
counts
Homopolymer length
Number of repeat units
Microhomology length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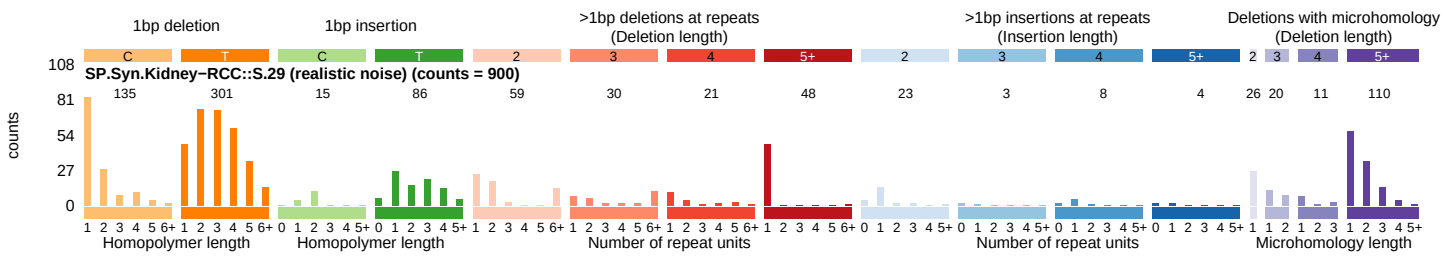
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.28 (realistic noise) (counts = 740)
163 261 8 58 35 22 16 32 19 6 3 10 12 22 11 62
counts
Homopolymer length
Number of repeat units
Microhomology length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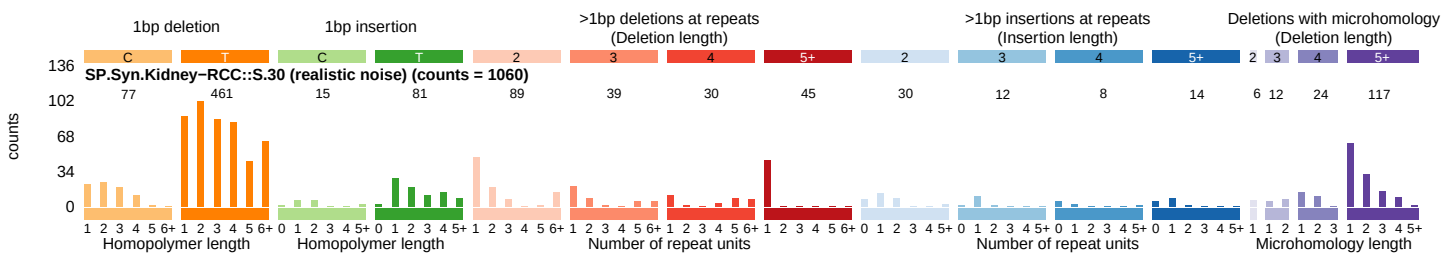
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.29 (realistic noise) (counts = 900)
135 301 15 86 59 30 21 48 23 3 8 4 26 20 11 110
counts
Homopolymer length
Number of repeat units
Microhomology length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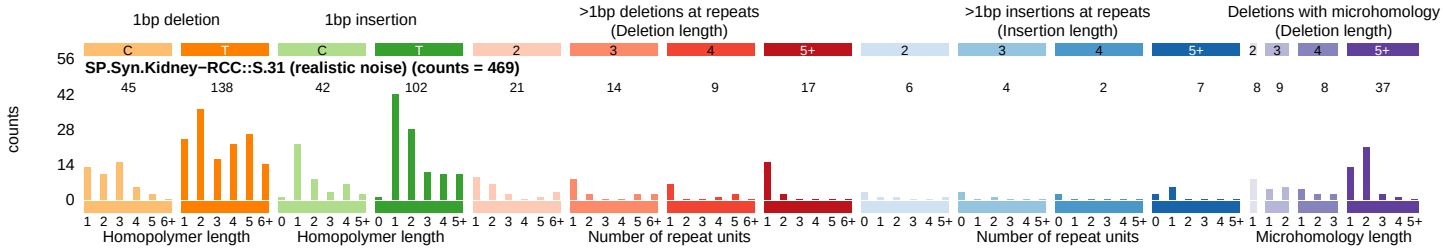
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.30 (realistic noise) (counts = 1060)
77 461 15 81 89 39 30 45 30 12 8 14 6 12 24 117
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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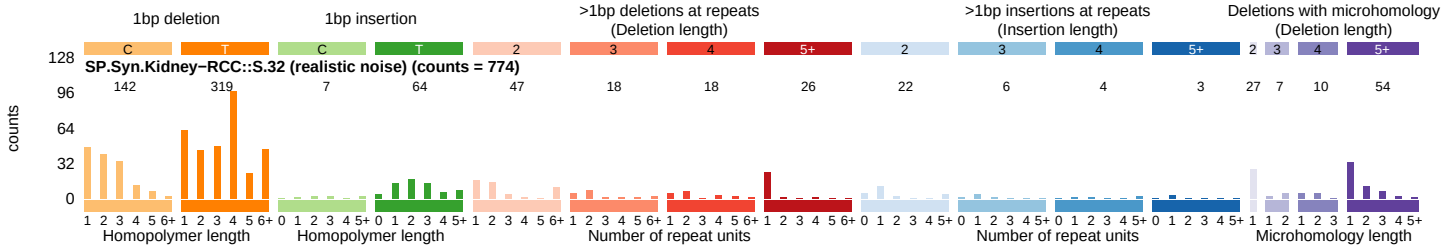
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.31 (realistic noise) (counts = 469)
45 138 42 102 21 14 9 17 6 4 2 7 8 9 8 37
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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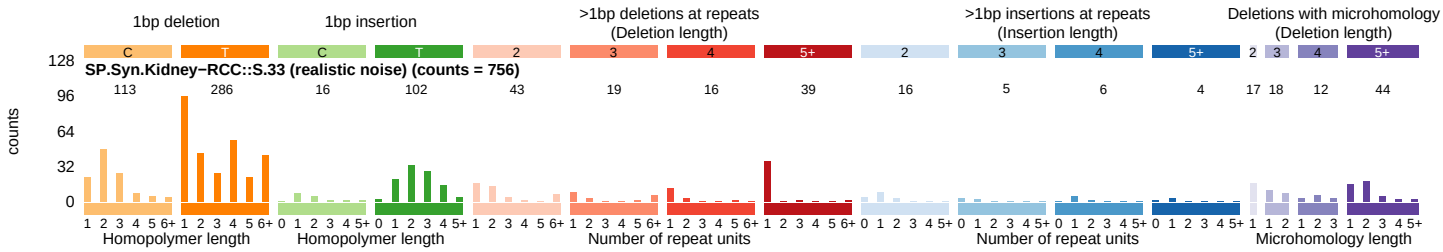
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.32 (realistic noise) (counts = 774)
142 319 7 64 47 18 18 26 22 6 4 3 27 7 10 54
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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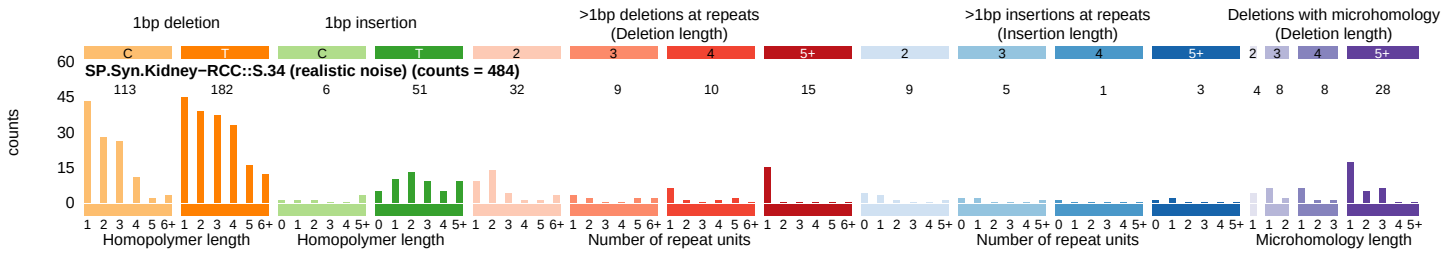
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.33 (realistic noise) (counts = 756)
113 286 16 102 43 19 16 39 16 5 6 4 17 18 12 44
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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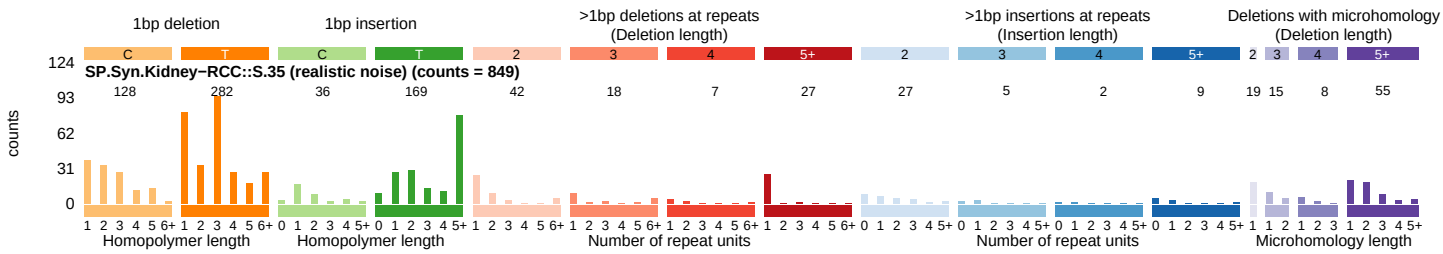
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.34 (realistic noise) (counts = 484)
113 182 6 51 32 9 10 15 9 5 1 3 4 8 8 28
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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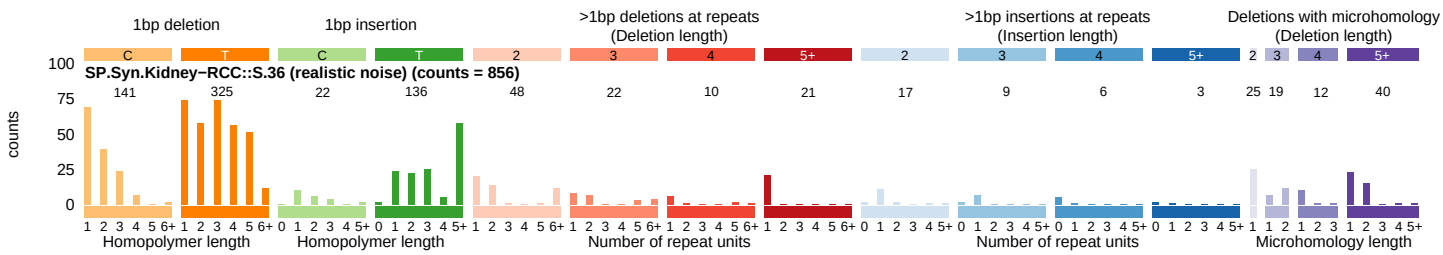
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.35 (realistic noise) (counts = 849)
128 282 36 169 42 18 7 27 27 5 2 9 19 15 8 55
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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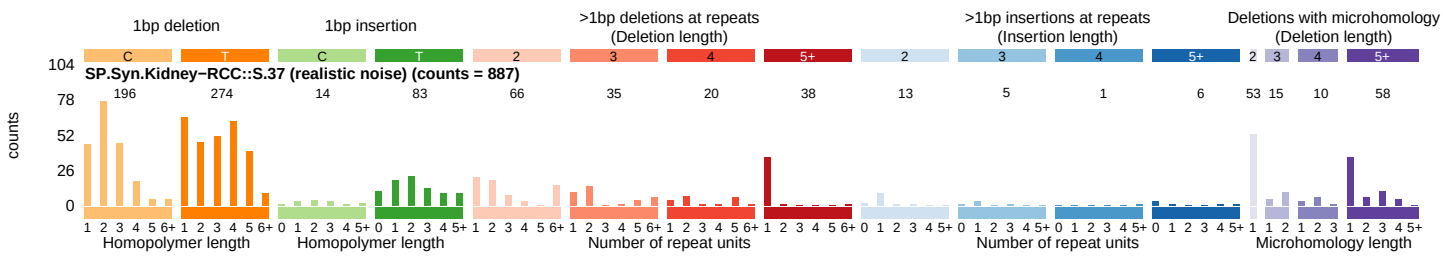
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.36 (realistic noise) (counts = 856)
141 325 22 136 48 22 10 21 17 9 6 3 25 19 12 40
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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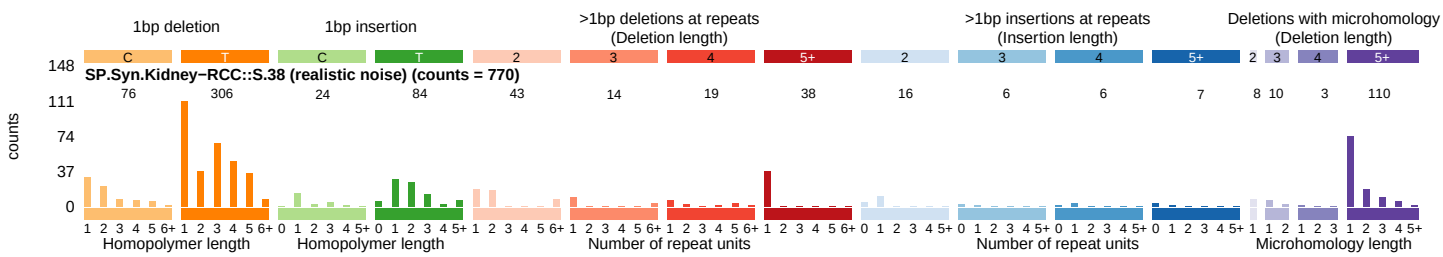
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.37 (realistic noise) (counts = 887)
196 274 14 83 66 35 20 38 13 5 1 6 53 15 10 58
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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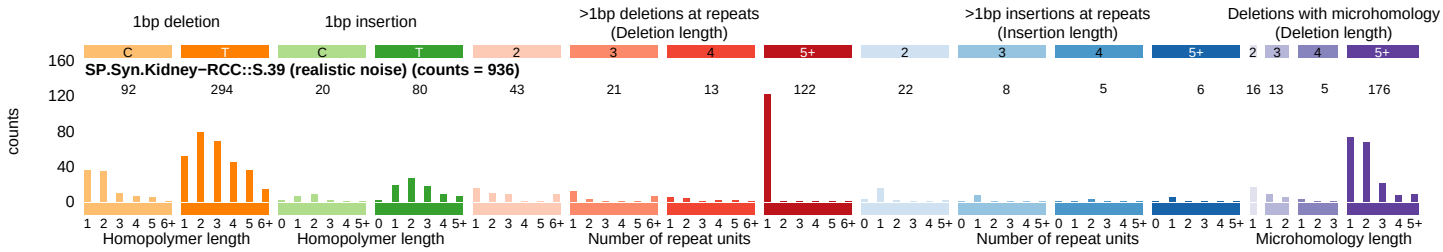
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.38 (realistic noise) (counts = 770)
76 306 24 84 43 14 19 38 16 6 6 7 8 10 3 110
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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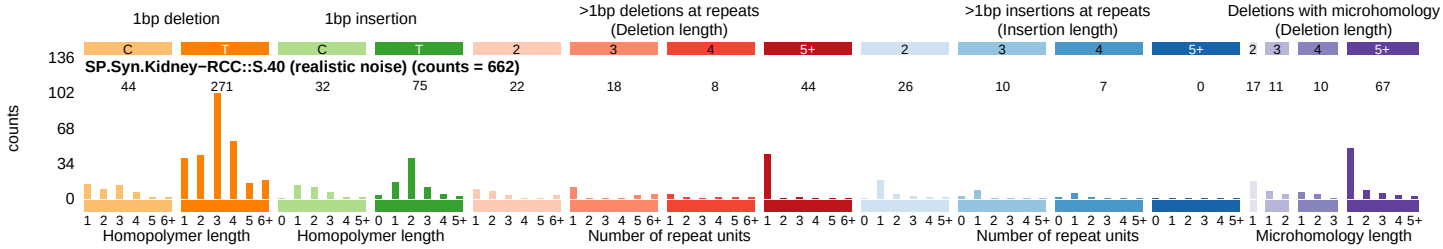
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.39 (realistic noise) (counts = 936)
92 294 20 80 43 21 13 122 22 8 5 6 16 13 5 176
counts
Homopolymer length
Number of repeat units
Microhomology length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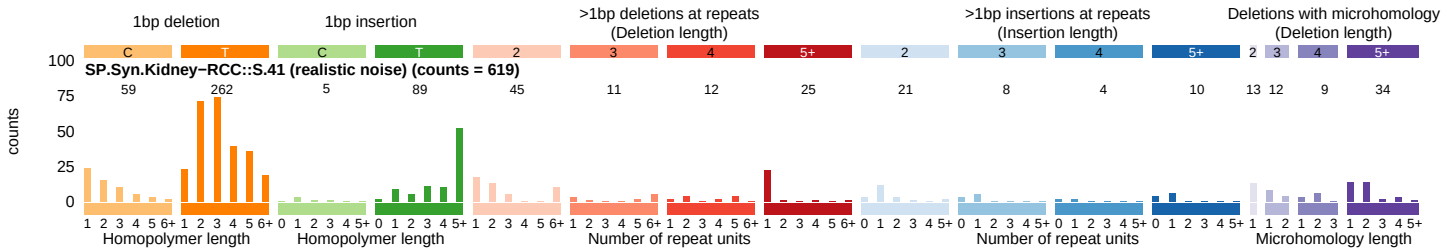
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.40 (realistic noise) (counts = 662)
44 271 32 75 22 18 8 44 26 10 7 0 17 11 10 67
counts
Homopolymer length
Number of repeat units
Microhomology length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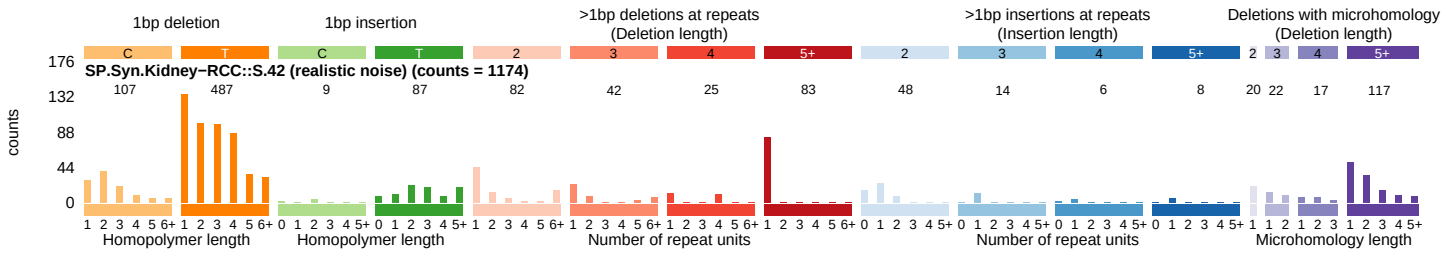
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.41 (realistic noise) (counts = 619)
59 262 5 89 45 11 12 25 21 8 4 10 13 12 9 34
counts
Homopolymer length
Number of repeat units
Microhomology length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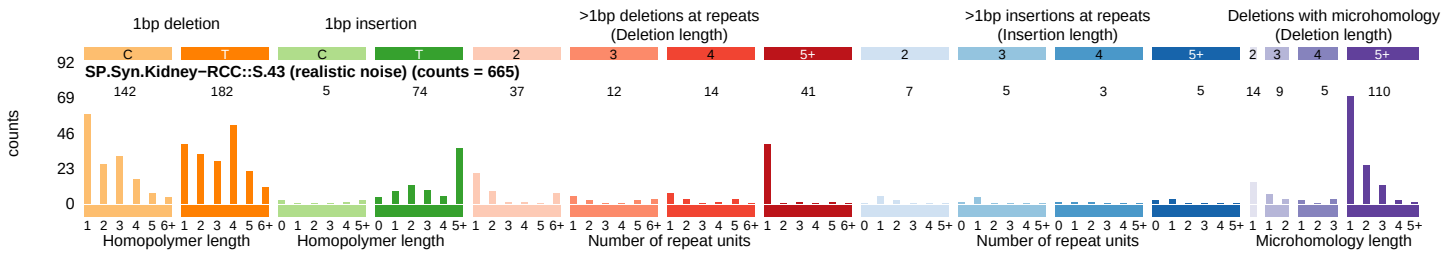
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.42 (realistic noise) (counts = 1174)
107 487 9 87 82 42 25 83 48 14 6 8 20 22 17 117
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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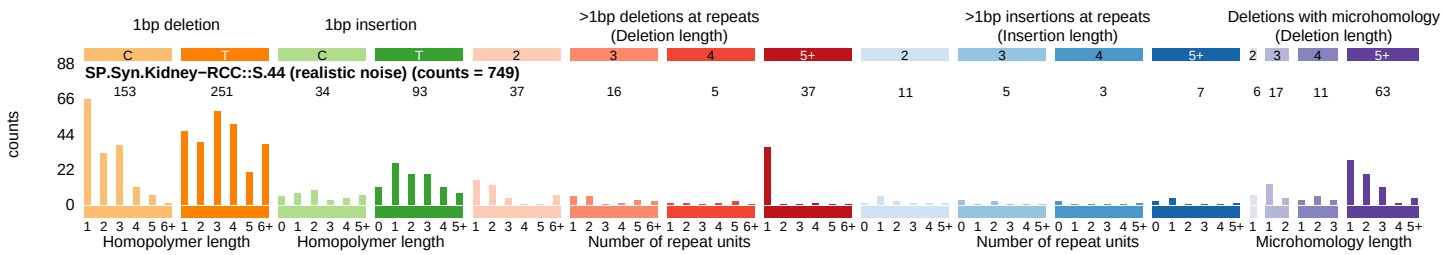
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.43 (realistic noise) (counts = 665)
142 182 5 74 37 12 14 41 7 5 3 5 14 9 5 110
counts
Homopolymer length
Number of repeat units
Microhomology length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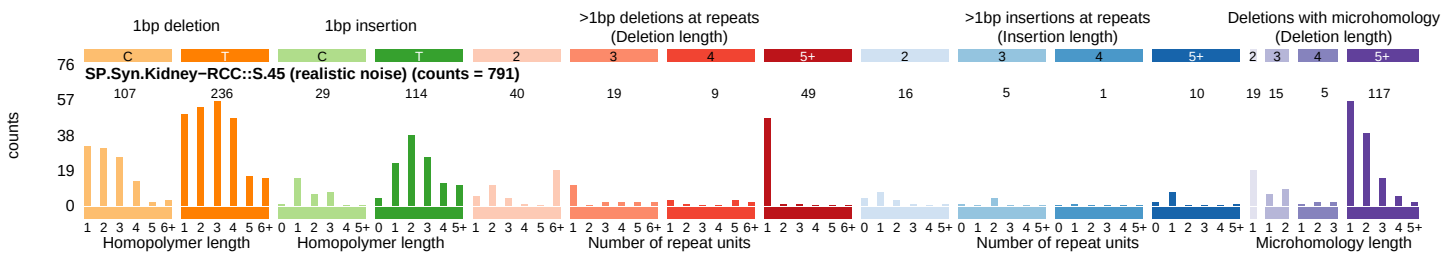
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.44 (realistic noise) (counts = 749)
153 251 34 93 37 16 5 37 11 5 3 7 6 17 11 63
counts
Homopolymer length
Number of repeat units
Microhomology length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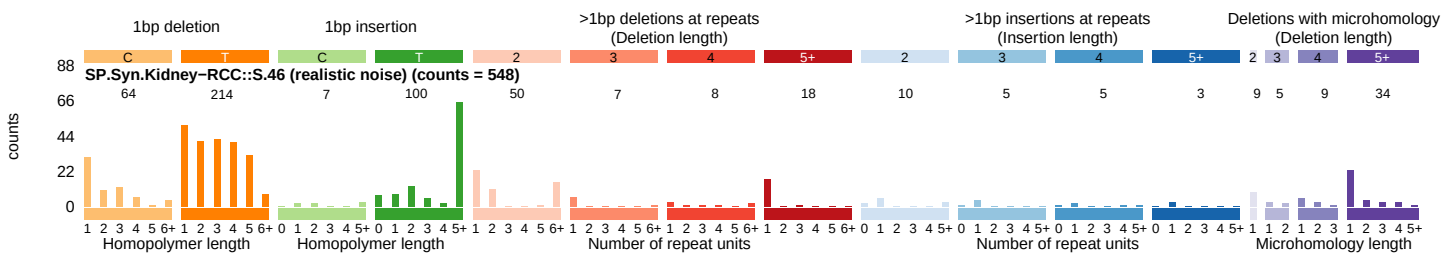
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.45 (realistic noise) (counts = 791)
107 236 29 114 40 19 9 49 16 5 1 10 19 15 5 117
counts
Homopolymer length
Number of repeat units
Microhomology length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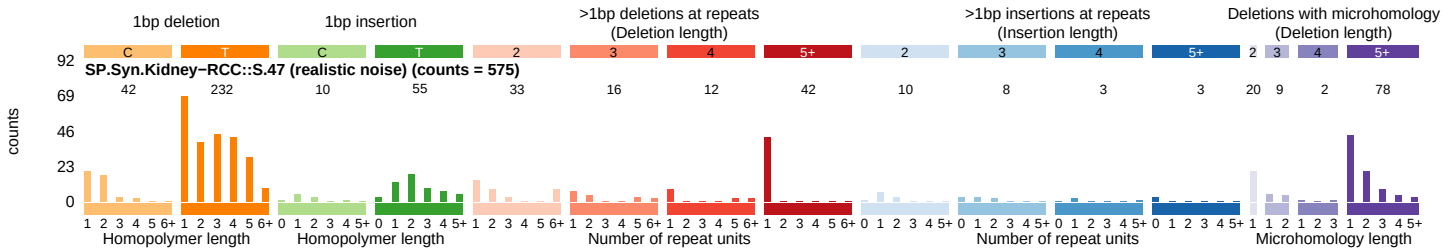
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.46 (realistic noise) (counts = 548)
64 214 7 100 50 7 8 18 10 5 5 3 9 5 9 34
counts
Homopolymer length
Number of repeat units
Microhomology length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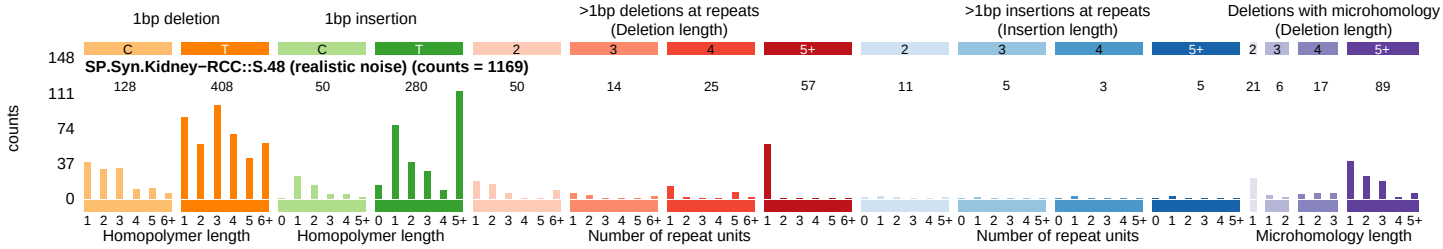
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.47 (realistic noise) (counts = 575)
42 232 10 55 33 16 12 42 10 8 3 3 20 9 2 78
counts
Homopolymer length
Number of repeat units
Microhomology length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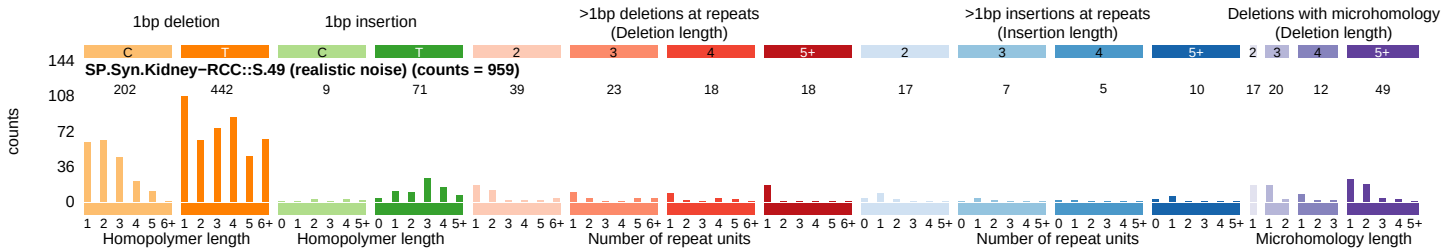
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.48 (realistic noise) (counts = 1169)
128 408 50 280 50 14 25 57 11 5 3 5 21 6 17 89
counts
Homopolymer length
Number of repeat units
Microhomology length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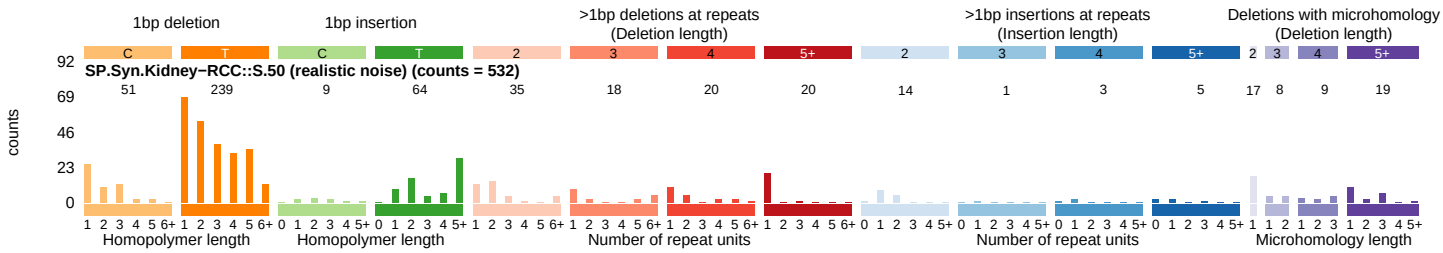
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.49 (realistic noise) (counts = 959)
202 442 9 71 39 23 18 18 17 7 5 10 17 20 12 49
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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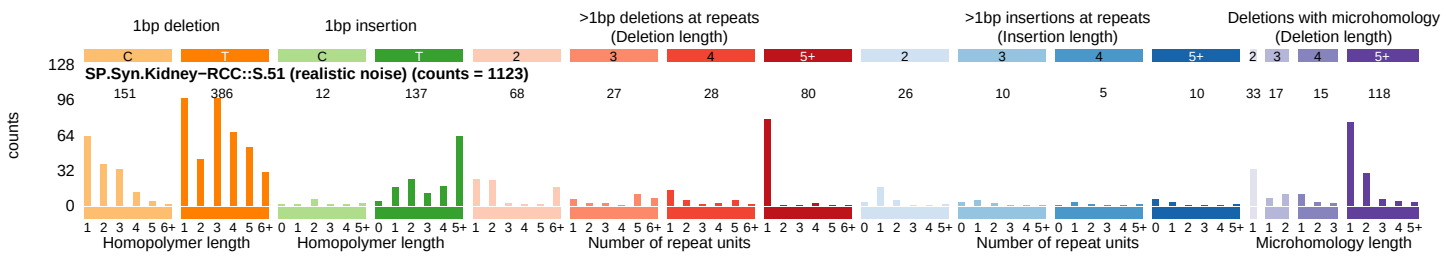
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.50 (realistic noise) (counts = 532)
51 239 9 64 35 18 20 20 14 1 3 5 17 8 9 19
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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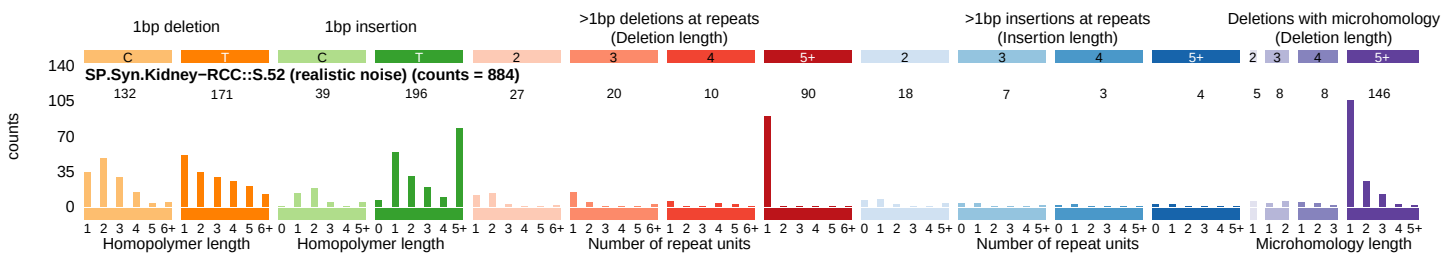
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.51 (realistic noise) (counts = 1123)
151 386 12 137 68 27 28 80 26 10 5 10 33 17 15 118
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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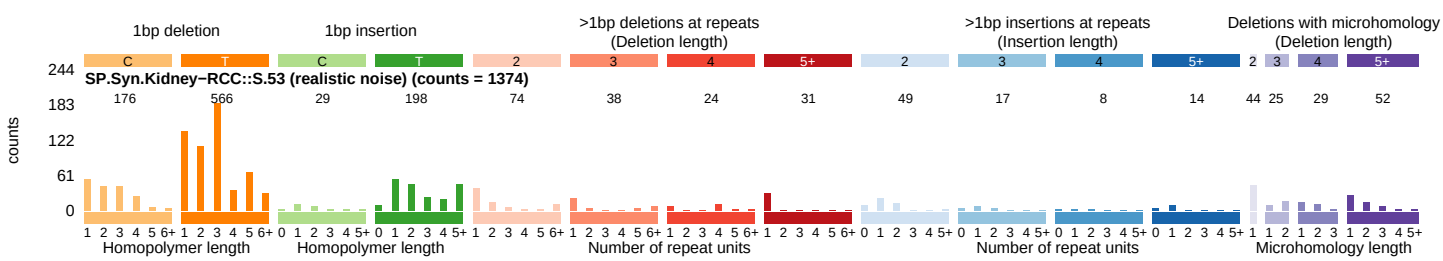
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.52 (realistic noise) (counts = 884)
132 171 39 196 27 20 10 90 18 7 3 4 5 8 8 146
counts
Homopolymer length
Number of repeat units
Microhomology length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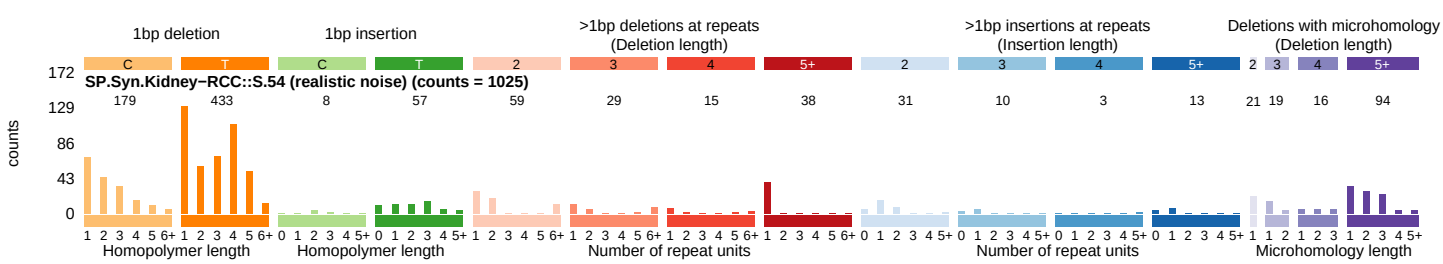
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.53 (realistic noise) (counts = 1374)
176 566 29 198 74 38 24 31 49 17 8 14 44 25 29 52
counts
Homopolymer length
Number of repeat units
Microhomology length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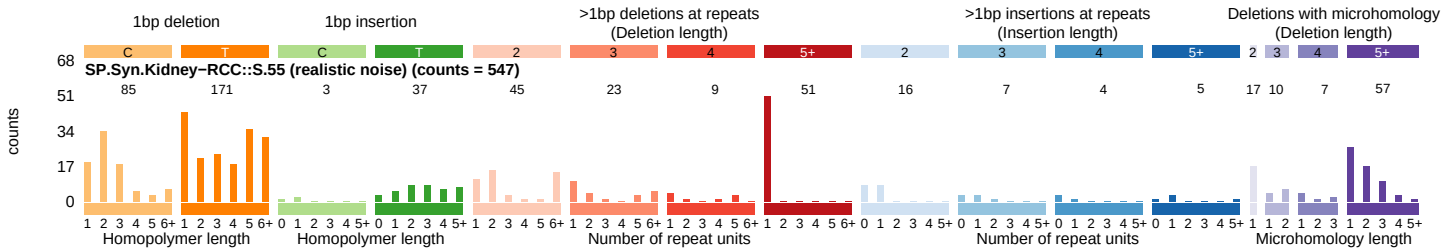
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.54 (realistic noise) (counts = 1025)
179 433 8 57 59 29 15 38 31 10 3 13 21 19 16 94
counts
Homopolymer length
Number of repeat units
Microhomology length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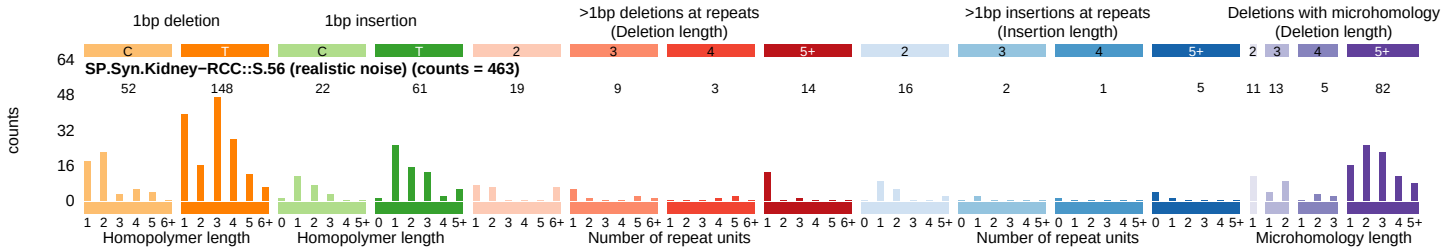
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.55 (realistic noise) (counts = 547)
counts
Homopolymer length
Number of repeat units
Microhomology length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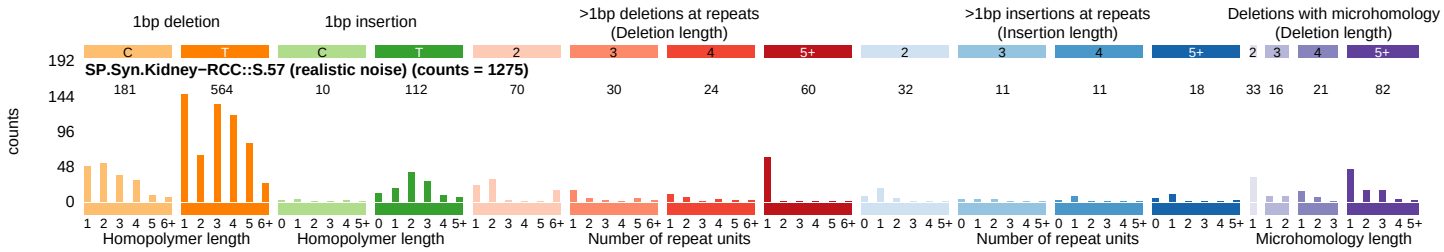
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.56 (realistic noise) (counts = 463)
counts
Homopolymer length
Number of repeat units
Microhomology length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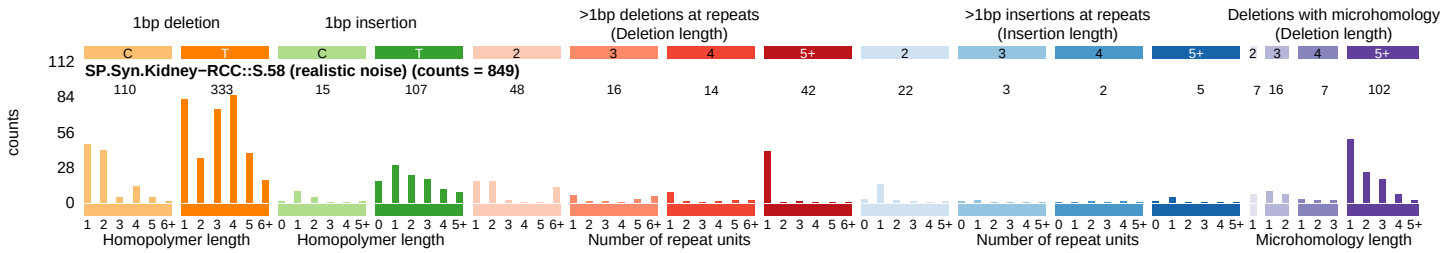
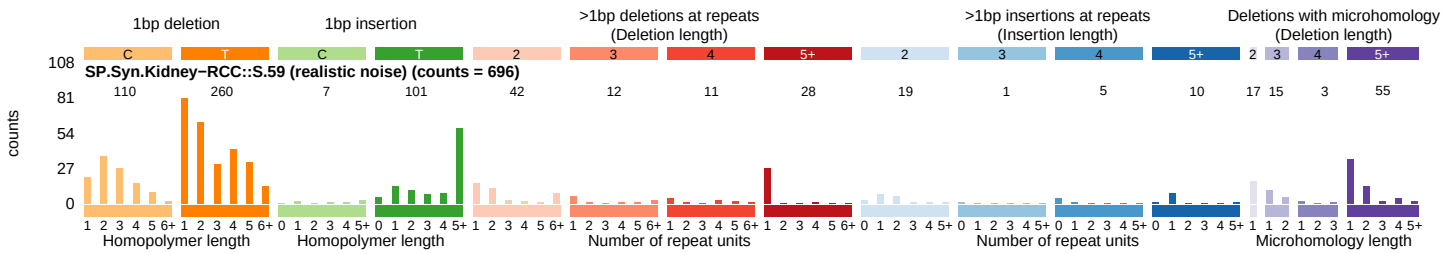
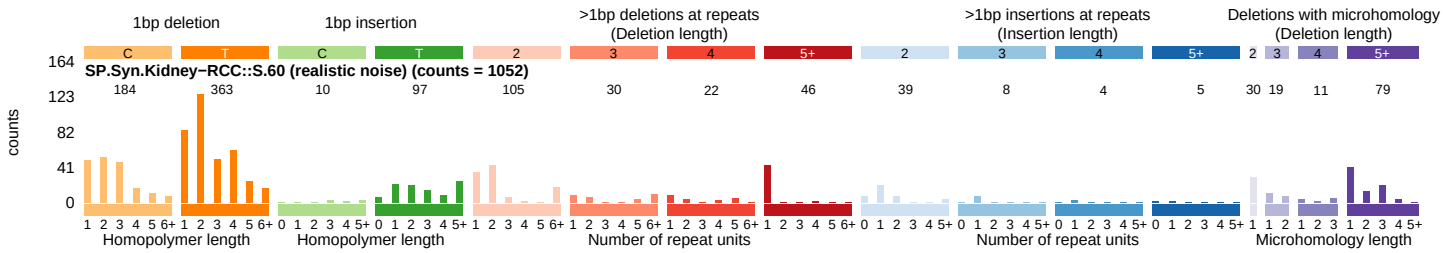
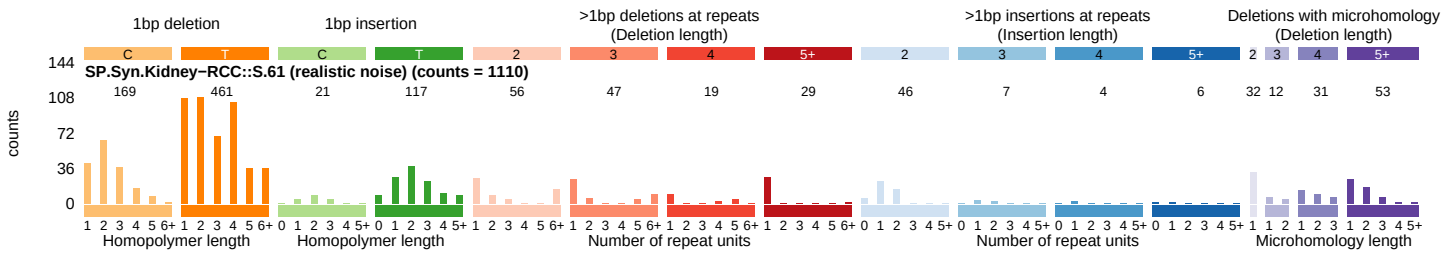
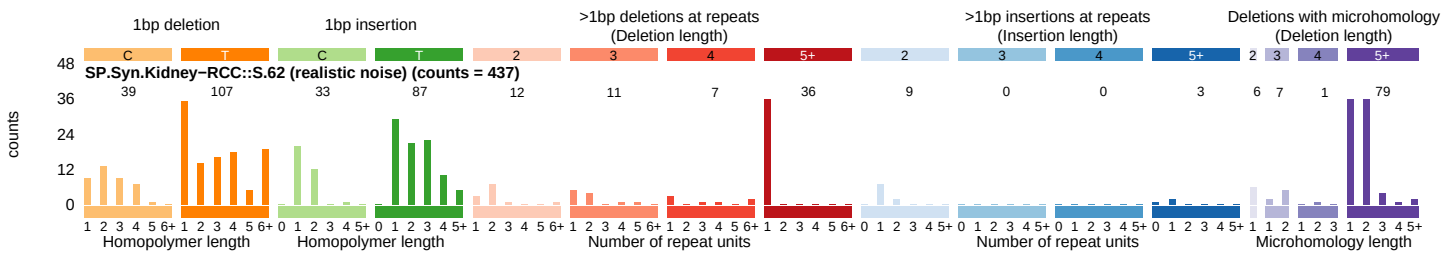
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.57 (realistic noise) (counts = 1275)
counts
Homopolymer length
Number of repeat units
Microhomology length

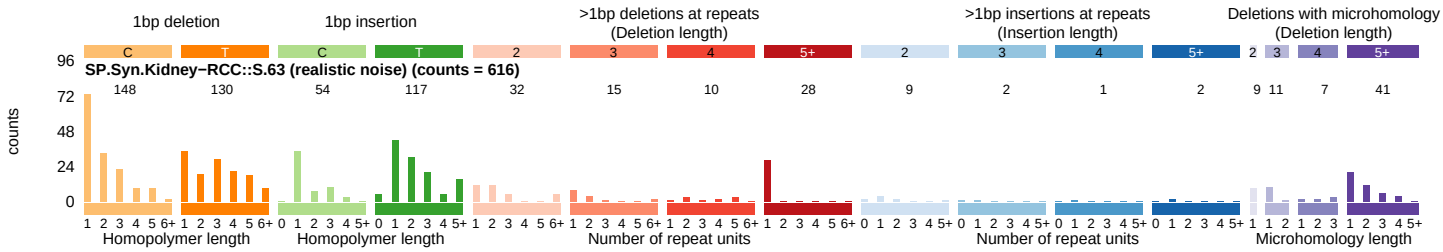

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.58 (realistic noise) (counts = 849)
counts
Homopolymer length
Number of repeat units
Microhomology length

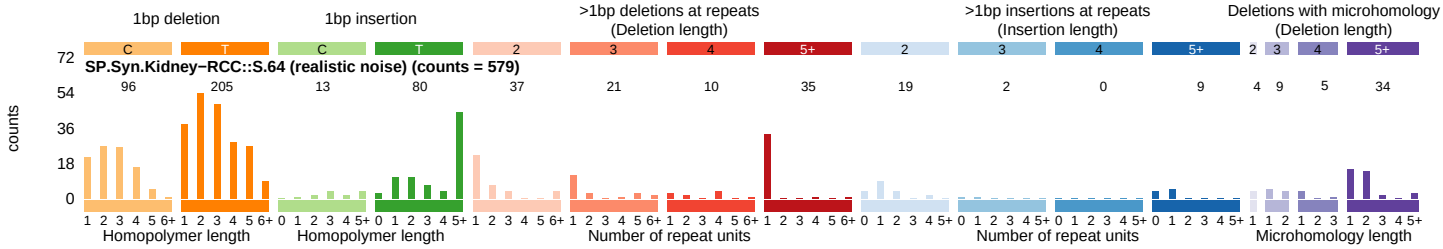

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.59 (realistic noise) (counts = 696)
counts
Homopolymer length
Number of repeat units
Microhomology length

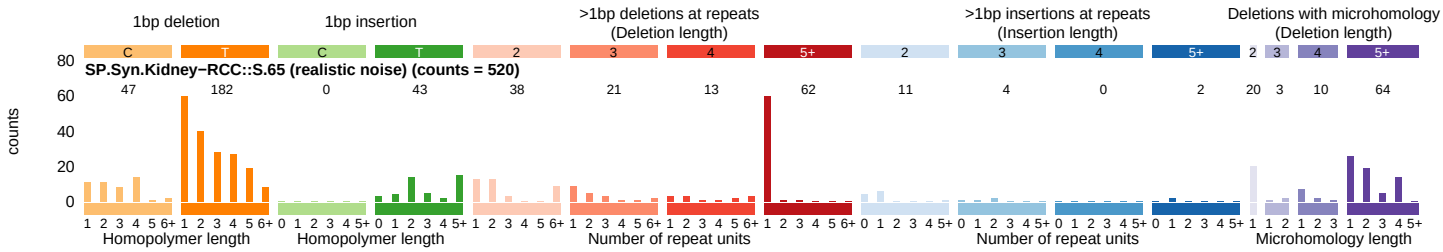

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.60 (realistic noise) (counts = 1052)
counts
Homopolymer length
Number of repeat units
Microhomology length

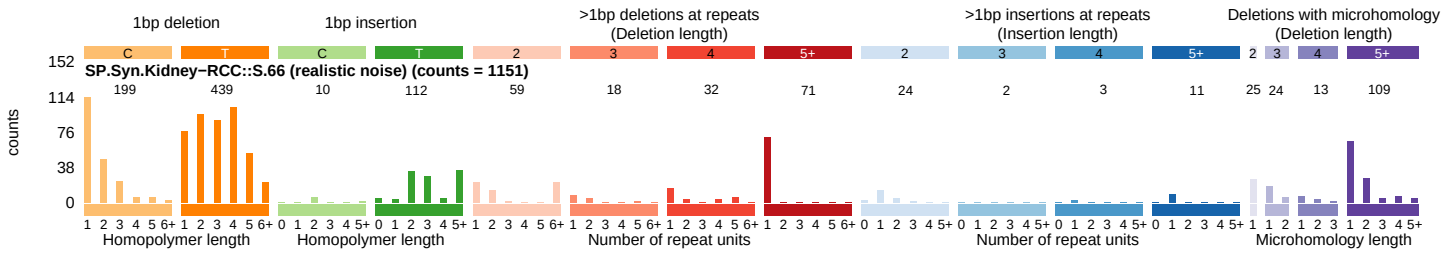

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.61 (realistic noise) (counts = 1110)
counts
Homopolymer length
Number of repeat units
Microhomology length

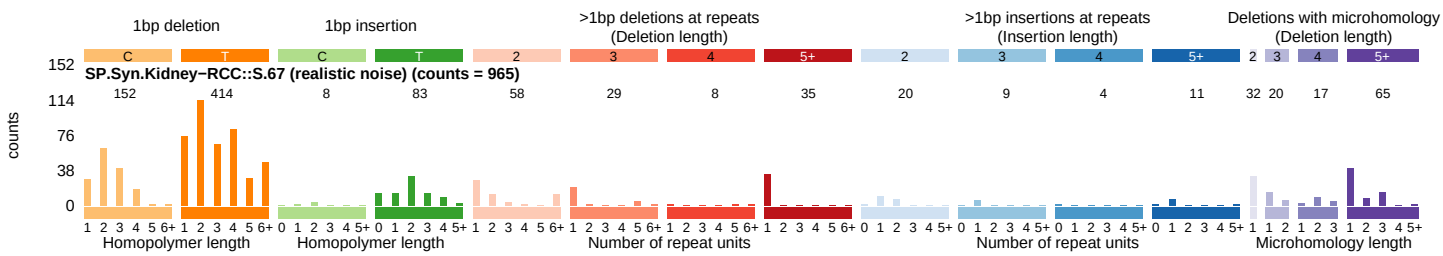

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.62 (realistic noise) (counts = 437)
counts
Homopolymer length
Number of repeat units
Microhomology length

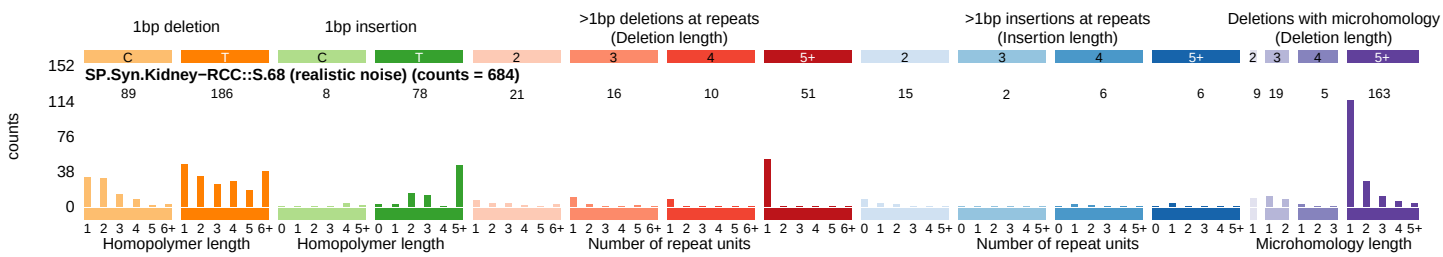

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.63 (realistic noise) (counts = 616)
148 130 54 117 32 15 10 28 9 2 1 2 9 11 7 41
counts
Homopolymer length
Number of repeat units
Microhomology length

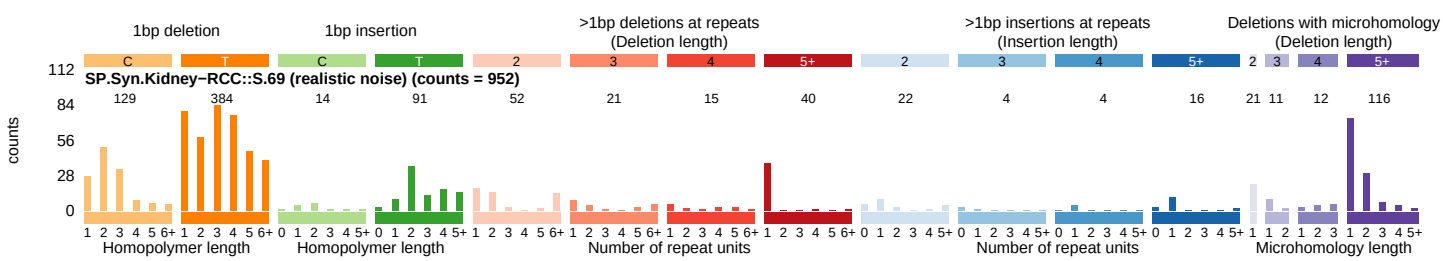

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.64 (realistic noise) (counts = 579)
96 205 13 80 37 21 10 35 19 2 0 9 4 9 5 34
counts
Homopolymer length
Number of repeat units
Microhomology length

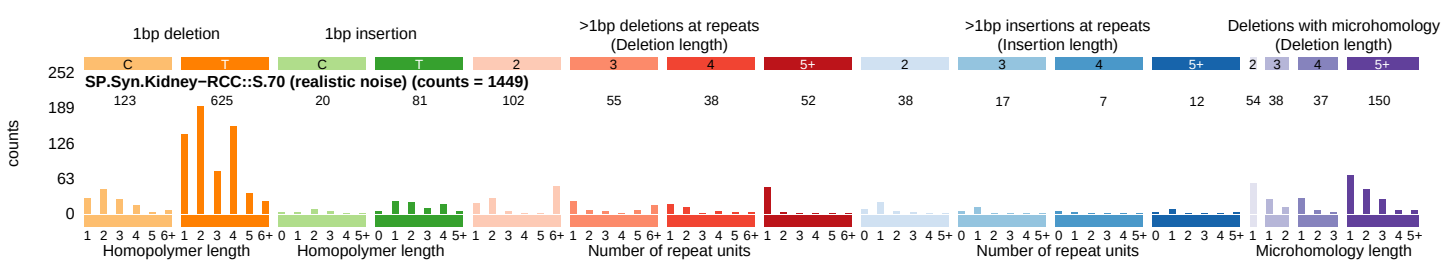

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.65 (realistic noise) (counts = 520)
47 182 0 43 38 21 13 62 11 4 0 2 20 3 10 64
counts
Homopolymer length
Number of repeat units
Microhomology length

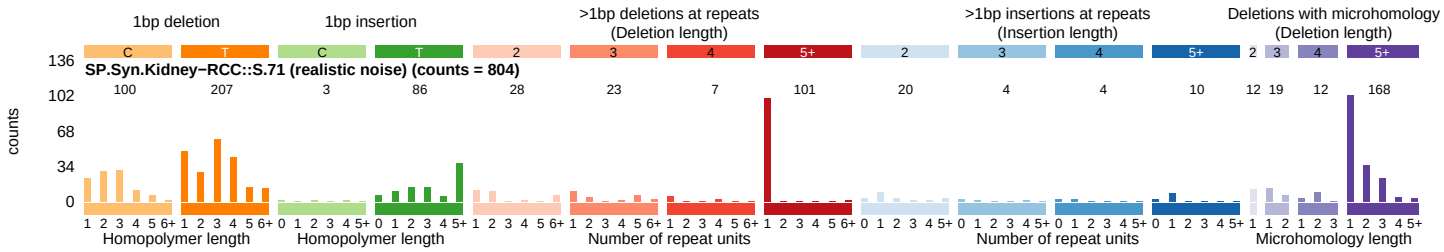

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.66 (realistic noise) (counts = 1151)
199 439 10 112 59 18 32 71 24 2 3 11 25 24 13 109
counts
Homopolymer length
Number of repeat units
Microhomology length

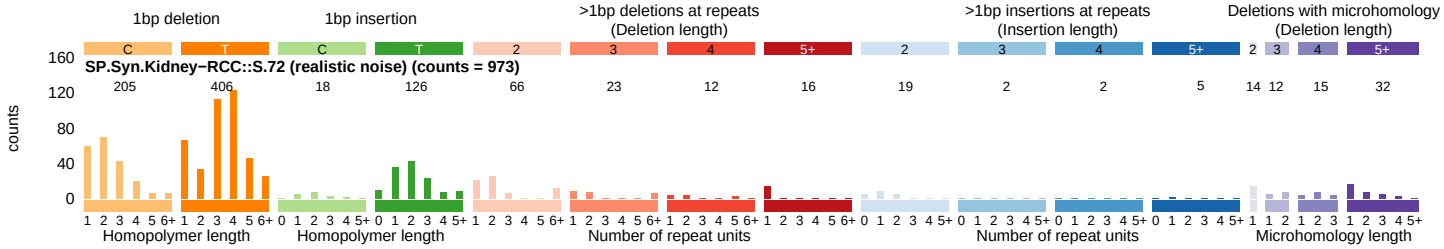

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.67 (realistic noise) (counts = 965)
152 414 8 83 58 29 8 35 20 9 4 11 32 20 17 65
counts
Homopolymer length
Number of repeat units
Microhomology length

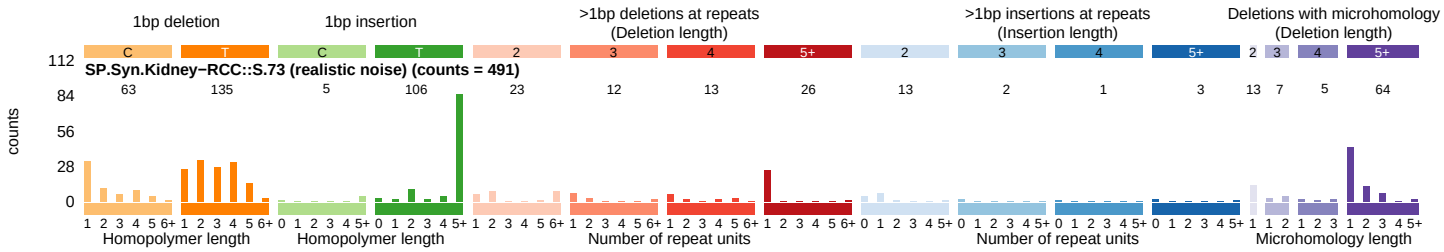

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.68 (realistic noise) (counts = 684)
89 186 8 78 21 16 10 51 15 2 6 6 9 19 5 163
counts
Homopolymer length
Number of repeat units
Microhomology length

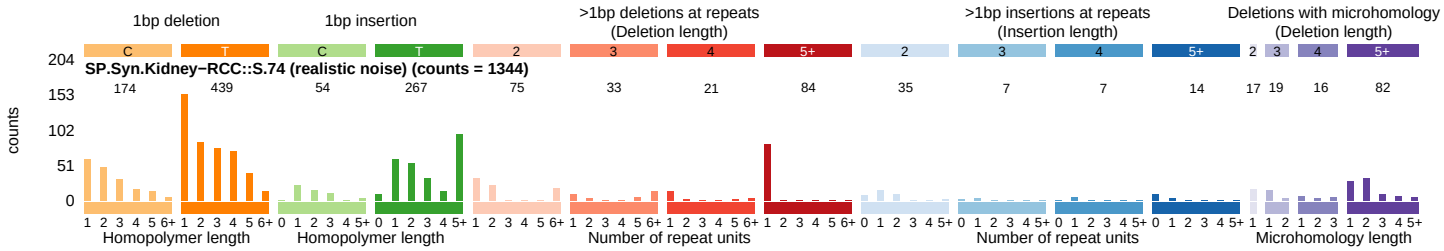

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.69 (realistic noise) (counts = 952)
129 384 14 91 52 21 15 40 22 4 4 16 21 11 12 116
counts
Homopolymer length
Number of repeat units
Microhomology length

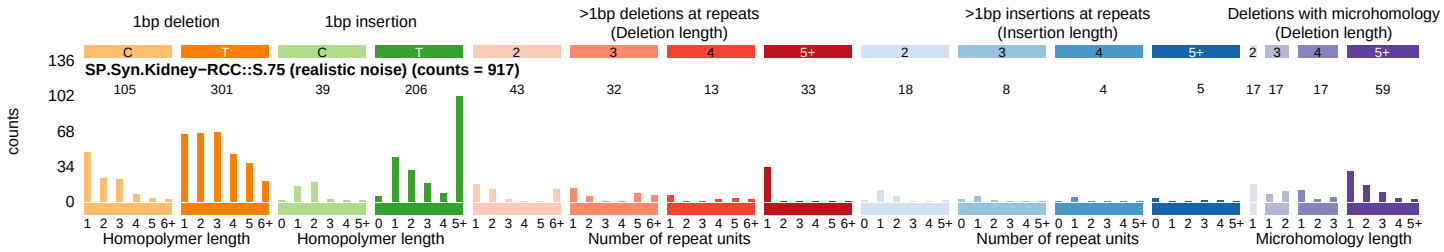

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.70 (realistic noise) (counts = 1449)
123 625 20 81 102 55 38 52 38 17 7 12 54 38 37 150
counts
Homopolymer length
Number of repeat units
Microhomology length

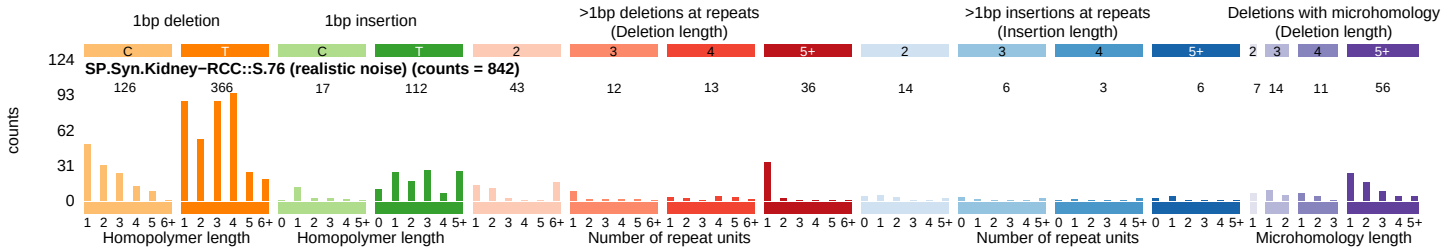

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.71 (realistic noise) (counts = 804)
counts
Homopolymer length
Number of repeat units
Microhomology length

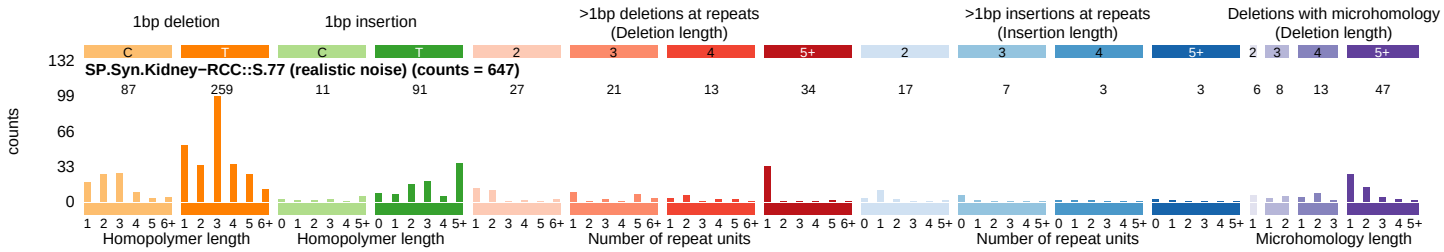

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.72 (realistic noise) (counts = 973)
counts
Homopolymer length
Number of repeat units
Microhomology length

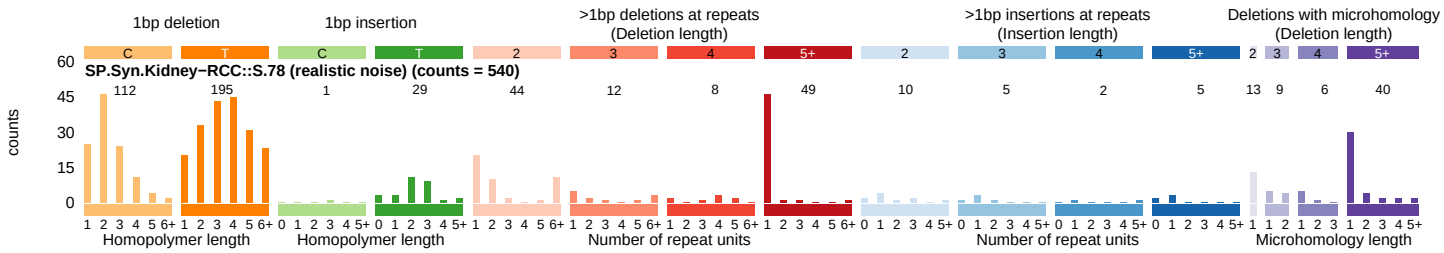

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.73 (realistic noise) (counts = 491)
counts
Homopolymer length
Number of repeat units
Microhomology length

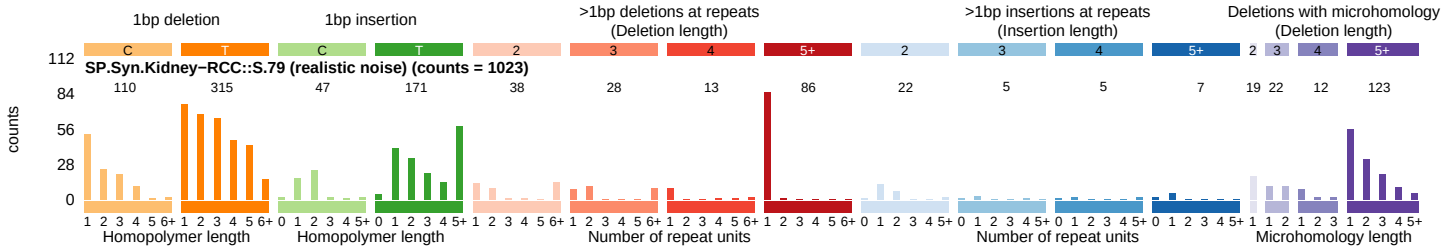

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.74 (realistic noise) (counts = 1344)
counts
Homopolymer length
Number of repeat units
Microhomology length

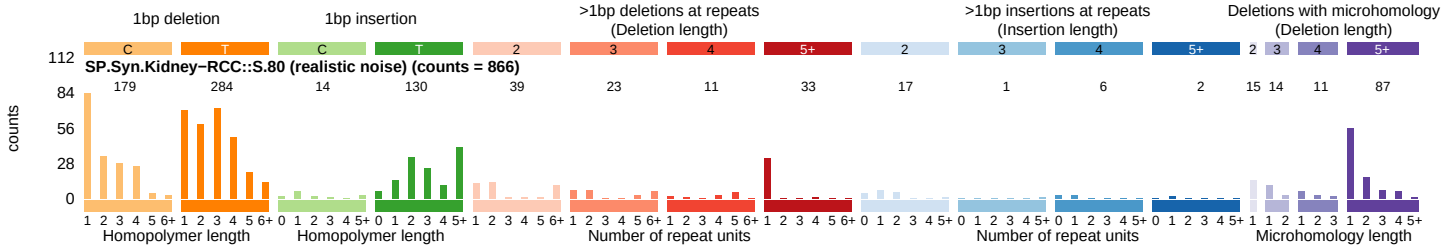

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.75 (realistic noise) (counts = 917)
counts
Homopolymer length
Number of repeat units
Microhomology length

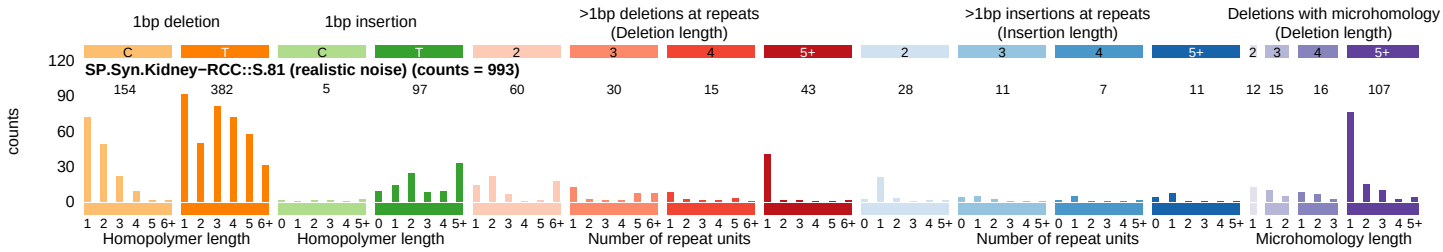

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.76 (realistic noise) (counts = 842)
counts
Homopolymer length
Number of repeat units
Microhomology length

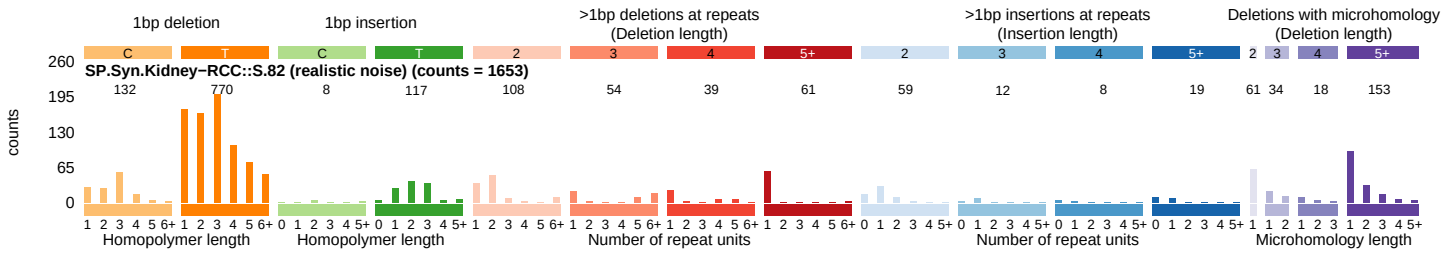

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.77 (realistic noise) (counts = 647)
counts
Homopolymer length
Number of repeat units
Microhomology length

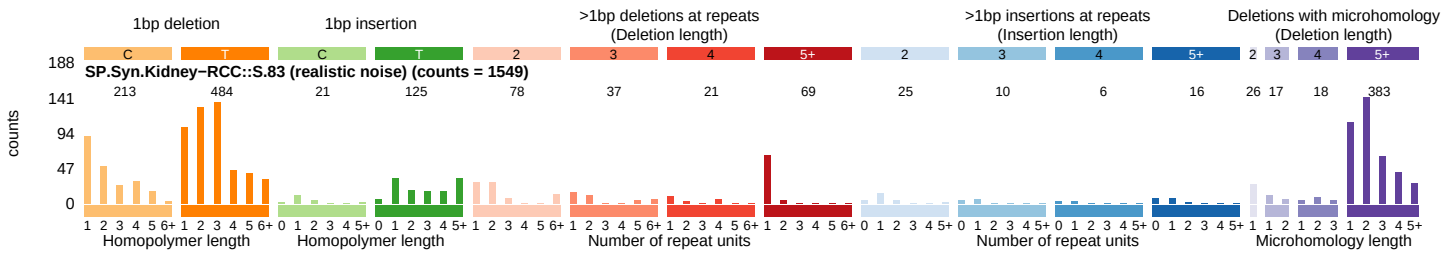

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.78 (realistic noise) (counts = 540)
counts
Homopolymer length
Number of repeat units
Microhomology length

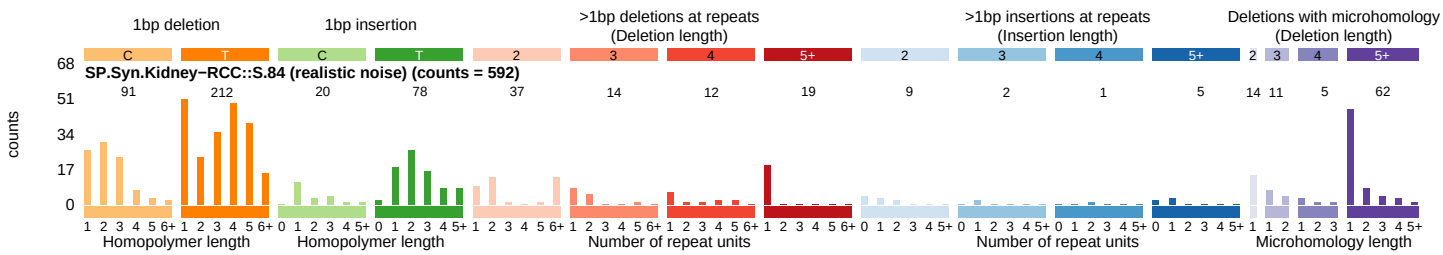

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.79 (realistic noise) (counts = 1023)
110 315 47 171 38 28 13 86 22 5 5 7 19 22 12 123
counts
Homopolymer length
Number of repeat units
Microhomology length

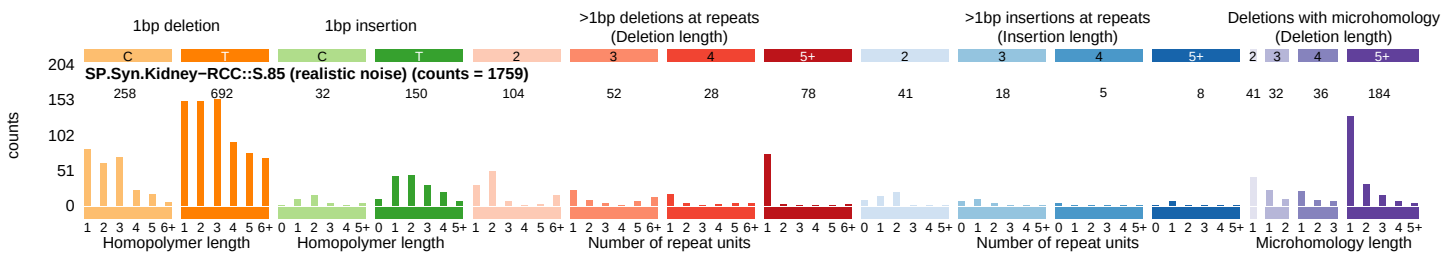

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.80 (realistic noise) (counts = 866)
179 284 14 130 39 23 11 33 17 1 6 2 15 14 11 87
counts
Homopolymer length
Number of repeat units
Microhomology length

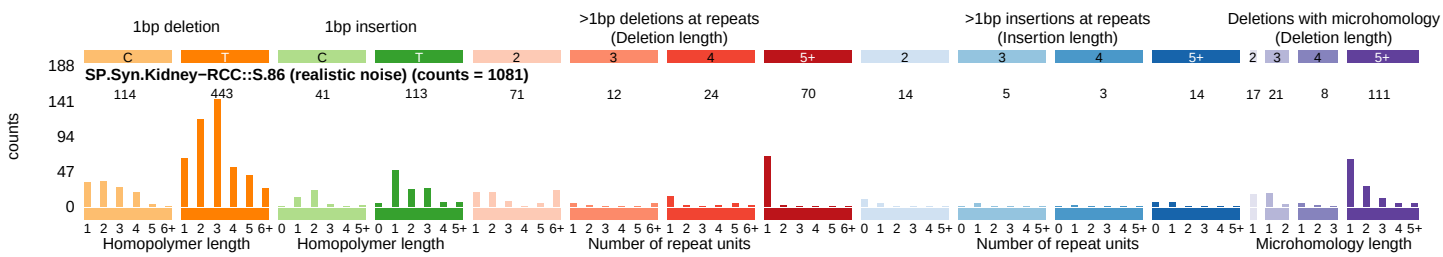

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.81 (realistic noise) (counts = 993)
154 382 5 97 60 30 15 43 28 11 7 11 12 15 16 107
counts
Homopolymer length
Number of repeat units
Microhomology length

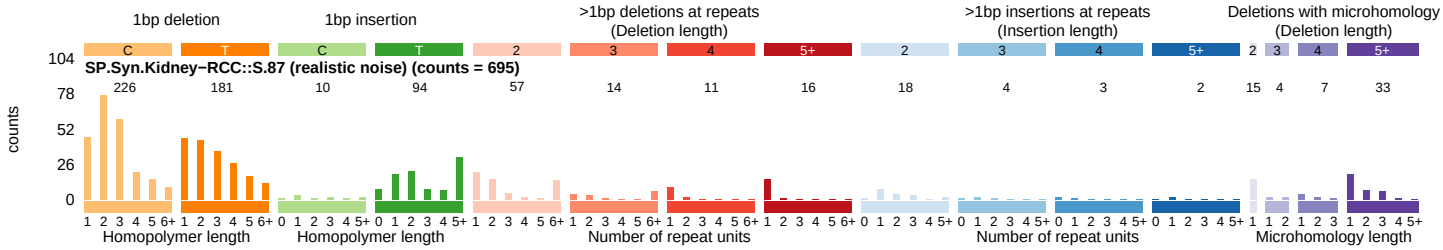

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.82 (realistic noise) (counts = 1653)
132 770 8 117 108 54 39 61 59 12 8 19 61 34 18 153
counts
Homopolymer length
Number of repeat units
Microhomology length

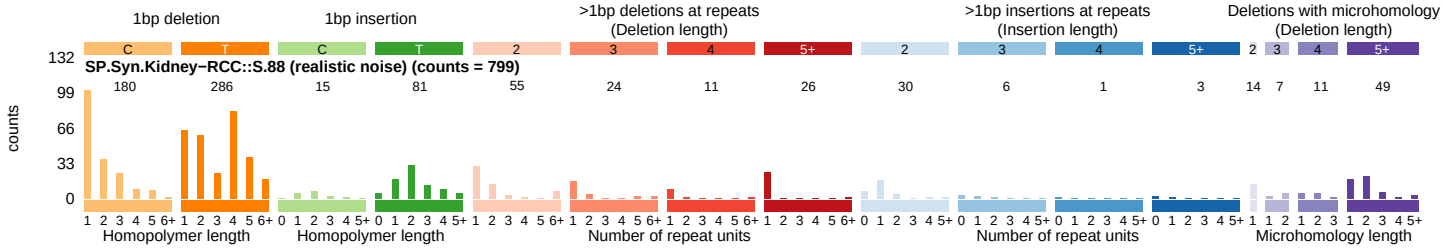

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.83 (realistic noise) (counts = 1549)
213 484 21 125 78 37 21 69 25 10 6 16 26 17 18 383
counts
Homopolymer length
Number of repeat units
Microhomology length

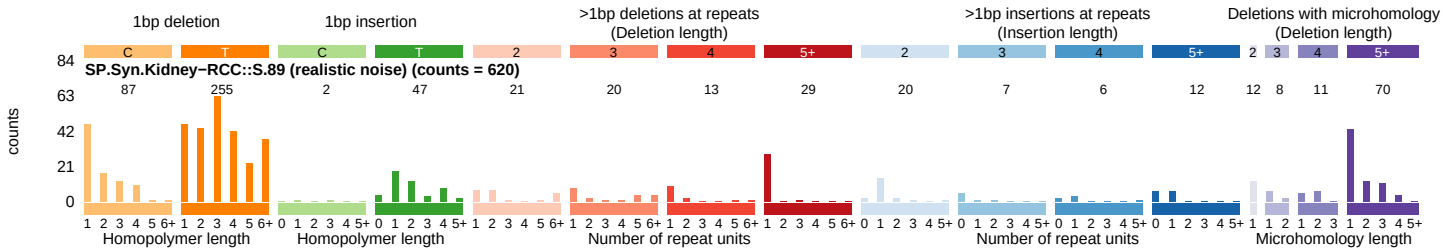

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.84 (realistic noise) (counts = 592)
91 212 20 78 37 14 12 19 9 2 1 5 14 11 5 62
counts
Homopolymer length
Number of repeat units
Microhomology length

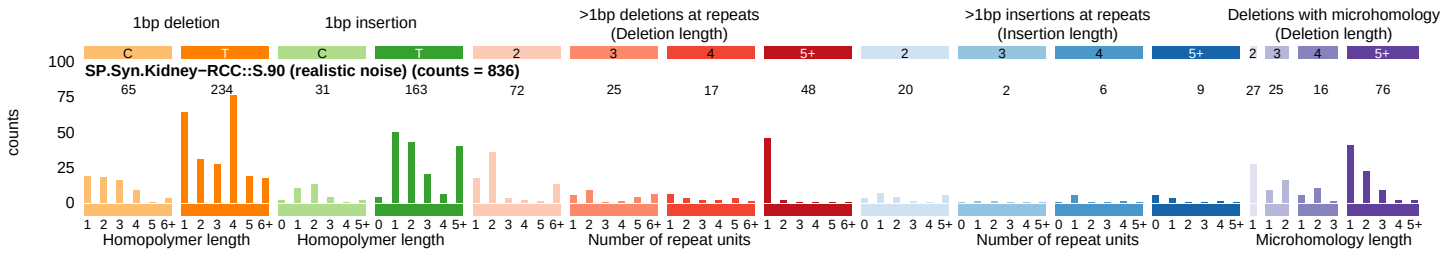

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.85 (realistic noise) (counts = 1759)
258 692 32 150 104 52 28 78 41 18 5 8 41 32 36 184
counts
Homopolymer length
Number 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.Kidney−RCC::S.86 (realistic noise) (counts = 1081)
114 443 41 113 71 12 24 70 14 5 3 14 17 21 8 111
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.Kidney−RCC::S.87 (realistic noise) (counts = 695)
226 181 10 94 57 14 11 16 18 4 3 2 15 4 7 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.Kidney−RCC::S.88 (realistic noise) (counts = 799)
180 286 15 81 55 24 11 26 30 6 1 3 14 7 11 49
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.89 (realistic noise) (counts = 620)
87 255 2 47 21 20 13 29 20 7 6 12 12 8 11 70
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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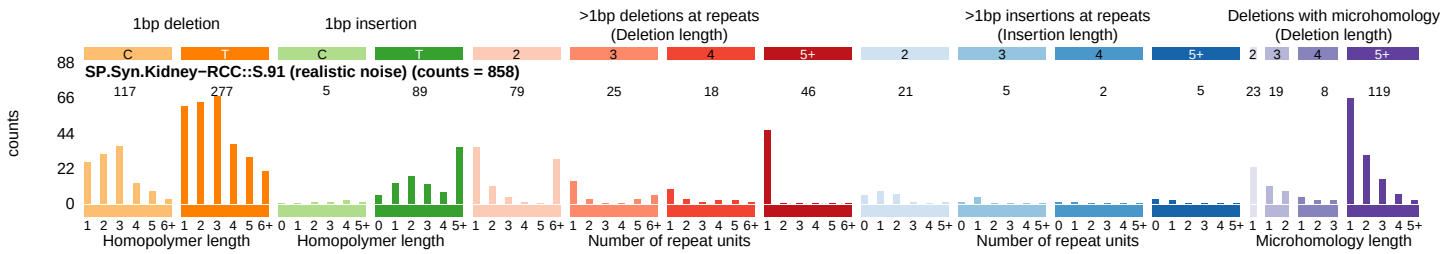
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.90 (realistic noise) (counts = 836)
65 234 31 163 72 25 17 48 20 2 6 9 27 25 16 76
counts
Homopolymer length
Number of repeat units
Microhomology length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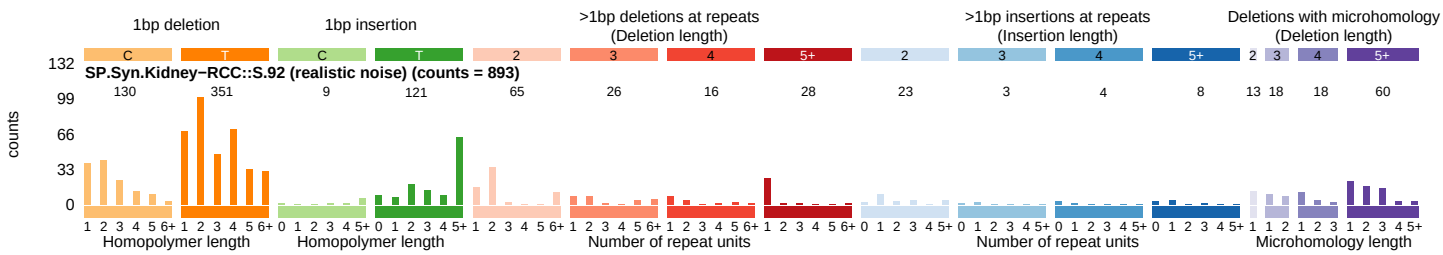
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.91 (realistic noise) (counts = 858)
117 277 5 89 79 25 18 46 21 5 2 5 23 19 8 119
counts
Homopolymer length
Number of repeat units
Microhomology length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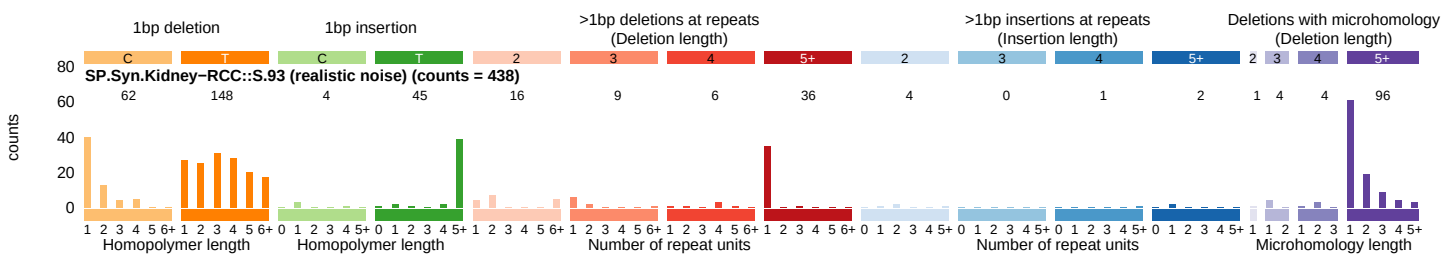
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.92 (realistic noise) (counts = 893)
130 351 9 121 65 26 16 28 23 3 4 8 13 18 18 60
counts
Homopolymer length
Number of repeat units
Microhomology length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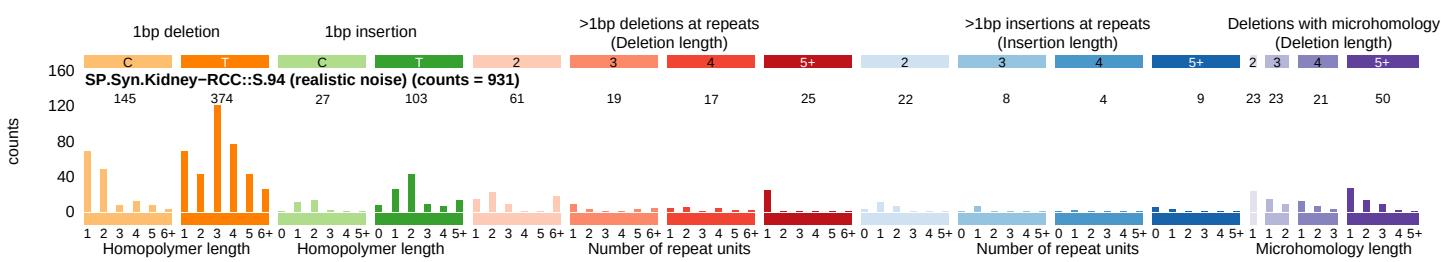
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.93 (realistic noise) (counts = 438)
62 148 4 45 16 9 6 36 4 0 1 2 1 4 4 96
counts
Homopolymer length
Number of repeat units
Microhomology length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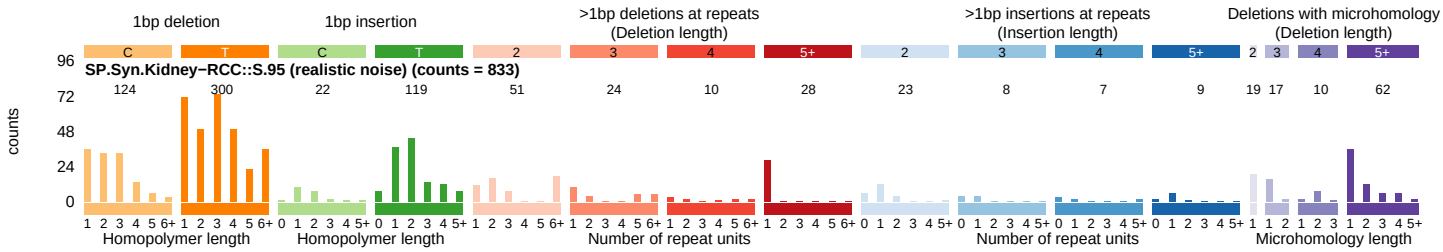
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.94 (realistic noise) (counts = 931)
145 374 27 103 61 19 17 25 22 8 4 9 23 23 21 50
counts
Homopolymer length
Number of repeat units
Microhomology length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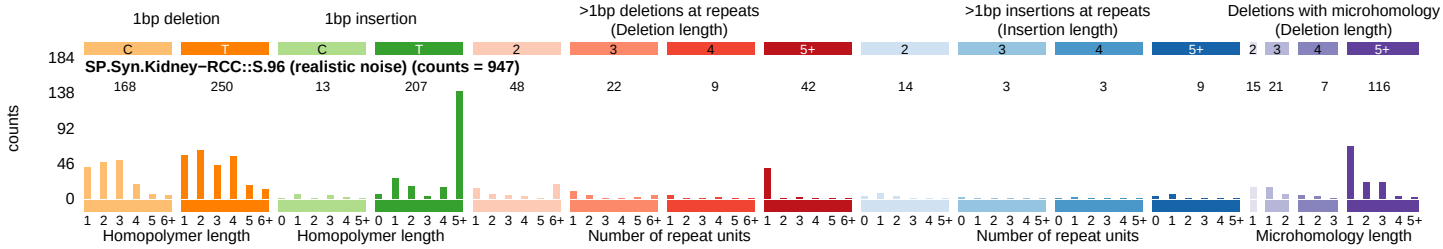
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.95 (realistic noise) (counts = 833)
124 300 22 119 51 24 10 28 23 8 7 9 19 17 10 62
counts
Homopolymer length
Number of repeat units
Microhomology length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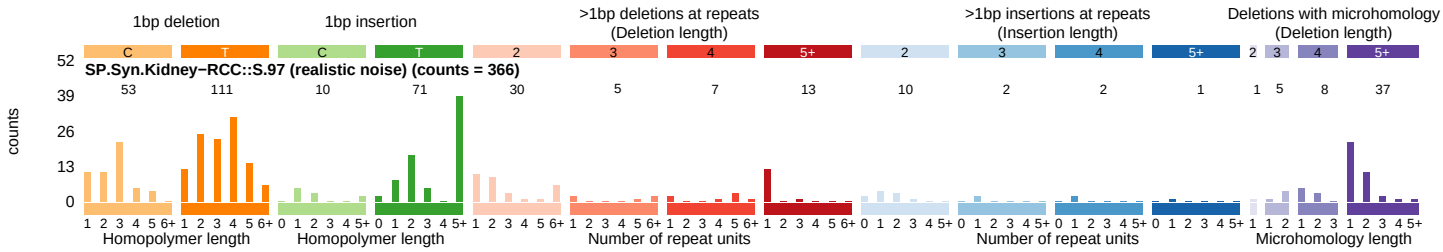
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.96 (realistic noise) (counts = 947)
168 250 13 207 48 22 9 42 14 3 3 9 15 21 7 116
counts
Homopolymer length
Number of repeat units
Microhomology length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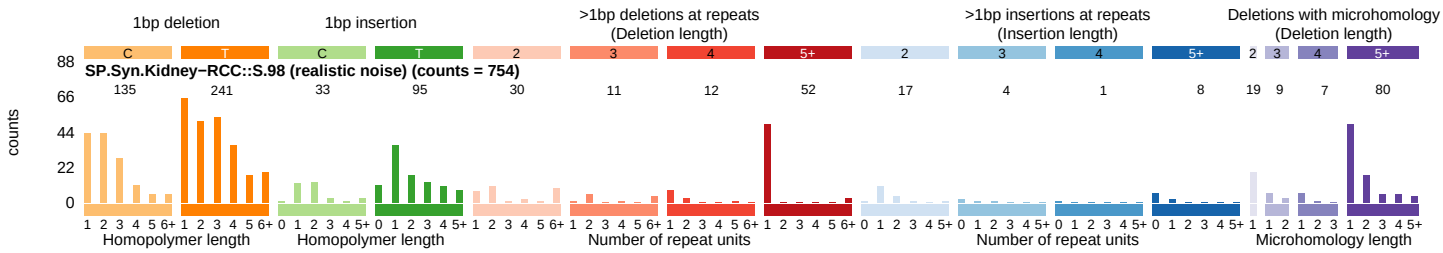
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.97 (realistic noise) (counts = 366)
53 111 10 71 30 5 7 13 10 2 2 1 1 5 8 37
counts
Homopolymer length
Number of repeat units
Microhomology length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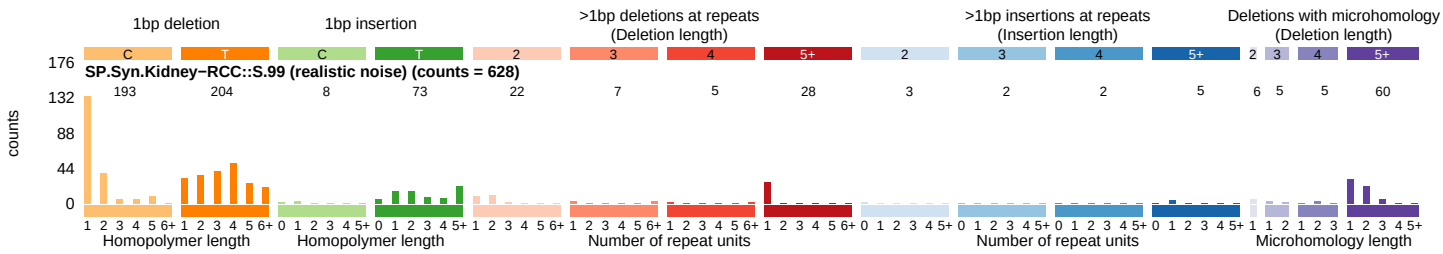
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.98 (realistic noise) (counts = 754)
135 241 33 95 30 11 12 52 17 4 1 8 19 9 7 80
counts
Homopolymer length
Number of repeat units
Microhomology length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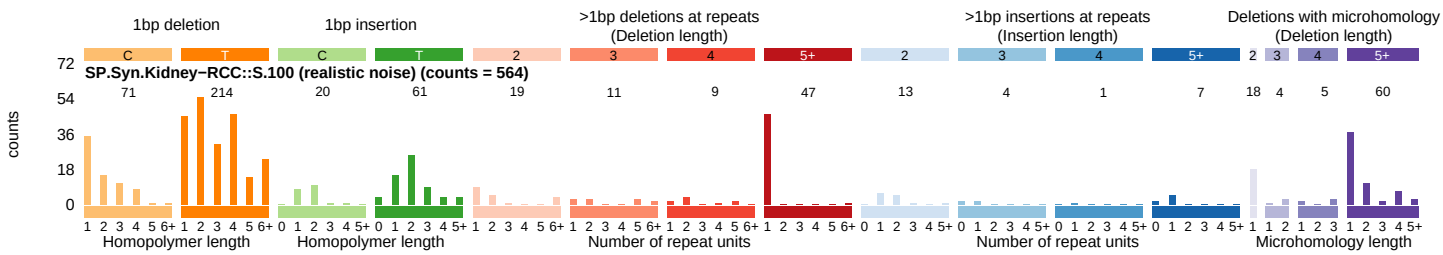
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.99 (realistic noise) (counts = 628)
193 204 8 73 22 7 5 28 3 2 2 5 6 5 5 60
counts
Homopolymer length
Number of repeat units
Microhomology length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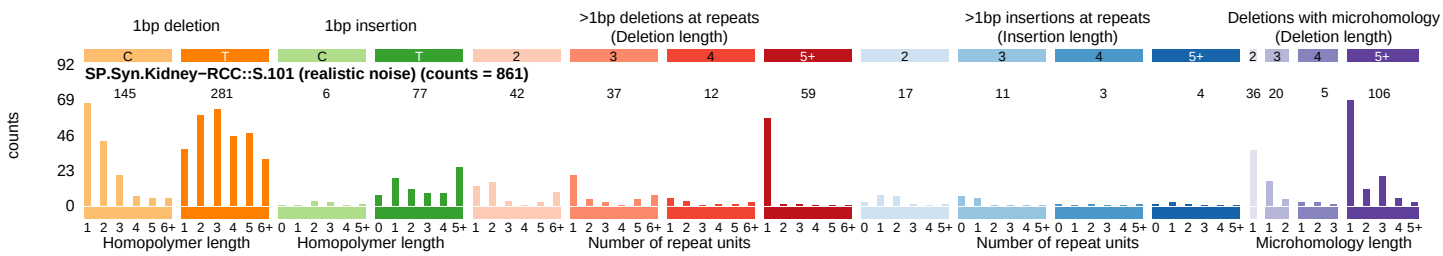
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.100 (realistic noise) (counts = 564)
71 214 20 61 19 11 9 47 13 4 1 7 18 4 5 60
counts
Homopolymer length
Number of repeat units
Microhomology length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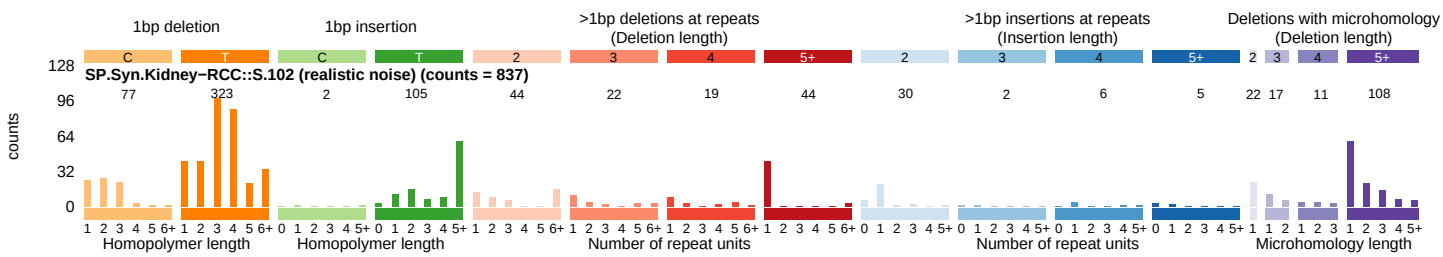
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.101 (realistic noise) (counts = 861)
145 281 6 77 42 37 12 59 17 11 3 4 36 20 5 106
counts
Homopolymer length
Number of repeat units
Microhomology length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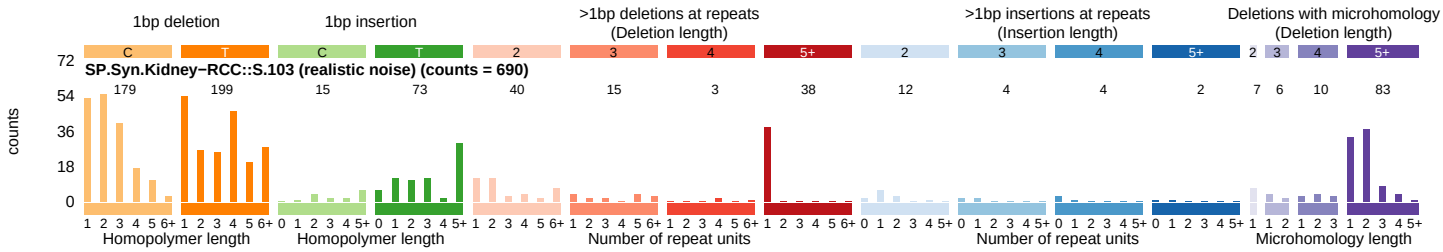
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.102 (realistic noise) (counts = 837)
77 323 2 105 44 22 19 44 30 2 6 5 22 17 11 108
counts
Homopolymer length
Number of repeat units
Microhomology length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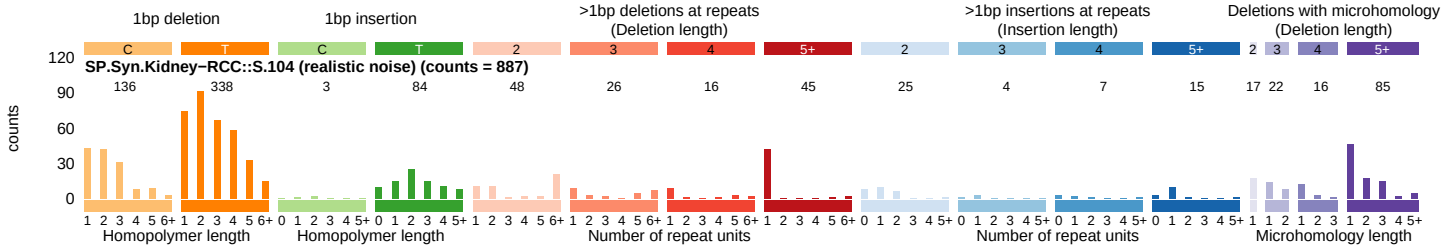
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.103 (realistic noise) (counts = 690)
179 199 15 73 40 15 3 38 12 4 4 2 7 6 10 83
counts
Homopolymer length
Number of repeat units
Microhomology length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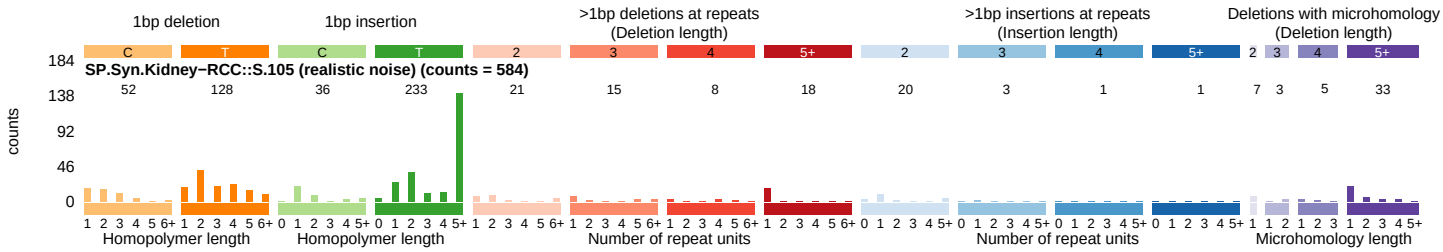
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.104 (realistic noise) (counts = 887)
136 338 3 84 48 26 16 45 25 4 7 15 17 22 16 85
counts
Homopolymer length
Number of repeat units
Microhomology length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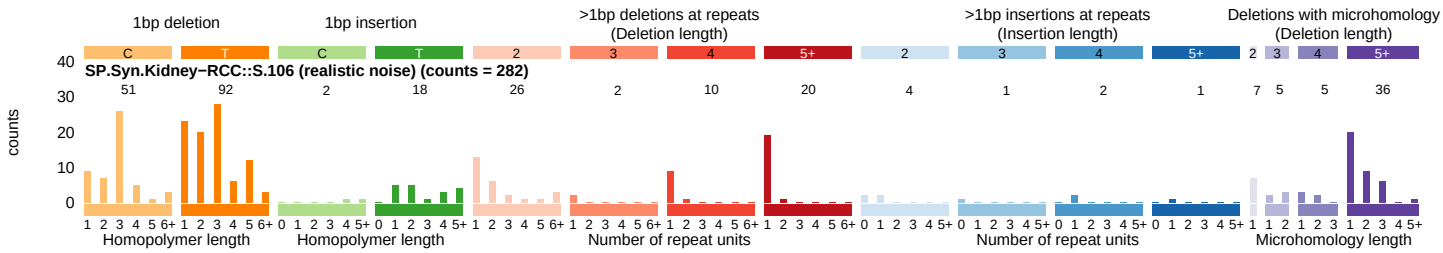
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.105 (realistic noise) (counts = 584)
52 128 36 233 21 15 8 18 20 3 1 1 7 3 5 33
counts
Homopolymer length
Number of repeat units
Microhomology length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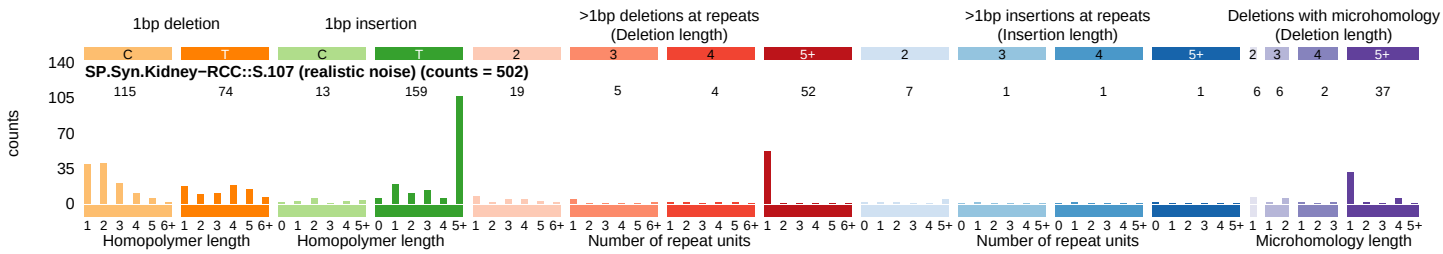
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.106 (realistic noise) (counts = 282)
51 92 2 18 26 2 10 20 4 1 2 1 7 5 5 36
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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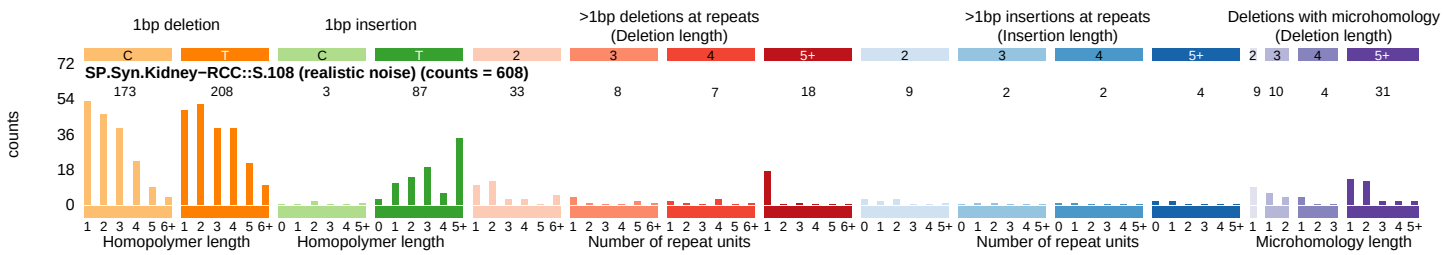
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.107 (realistic noise) (counts = 502)
115 74 13 159 19 5 4 52 7 1 1 1 6 6 2 37
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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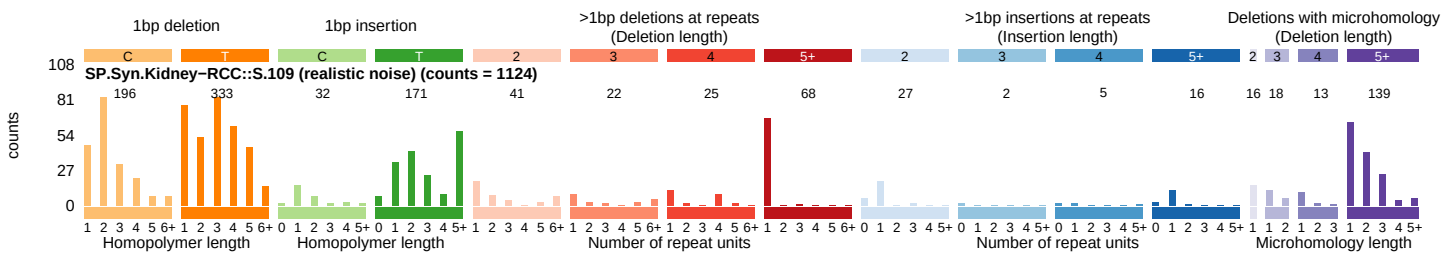
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.108 (realistic noise) (counts = 608)
173 208 3 87 33 8 7 18 9 2 2 4 9 10 4 31
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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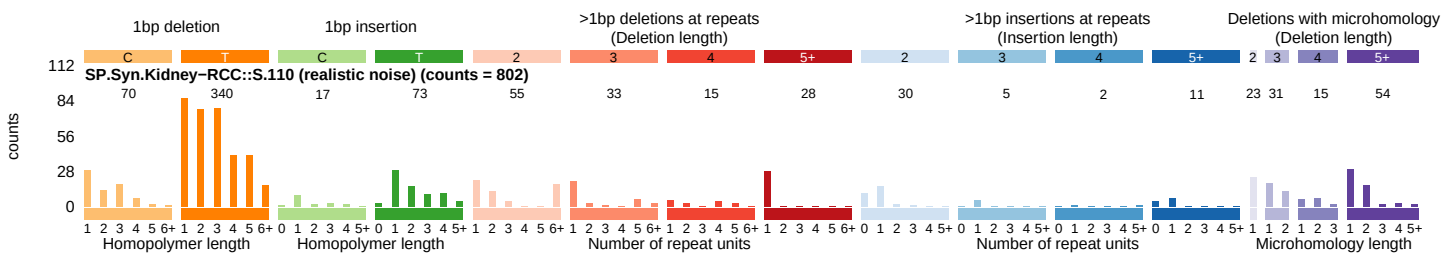
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.109 (realistic noise) (counts = 1124)
196 333 32 171 41 22 25 68 27 2 5 16 16 18 13 139
counts
Homopolymer length
Number of repeat units
Microhomology length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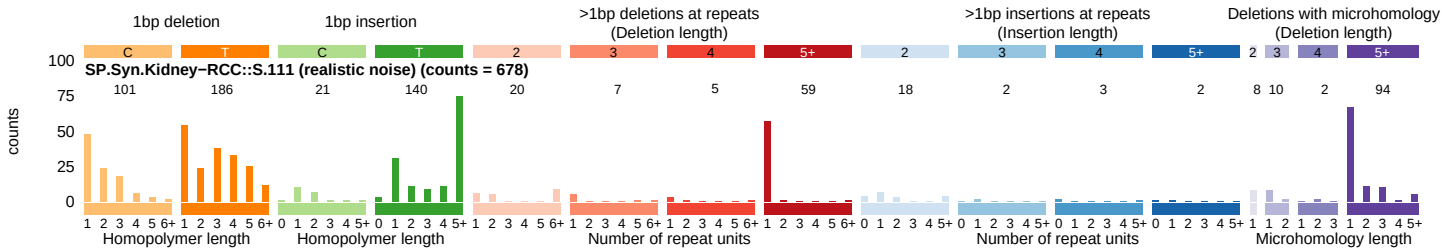
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.110 (realistic noise) (counts = 802)
70 340 17 73 55 33 15 28 30 5 2 11 23 31 15 54
counts
Homopolymer length
Number of repeat units
Microhomology length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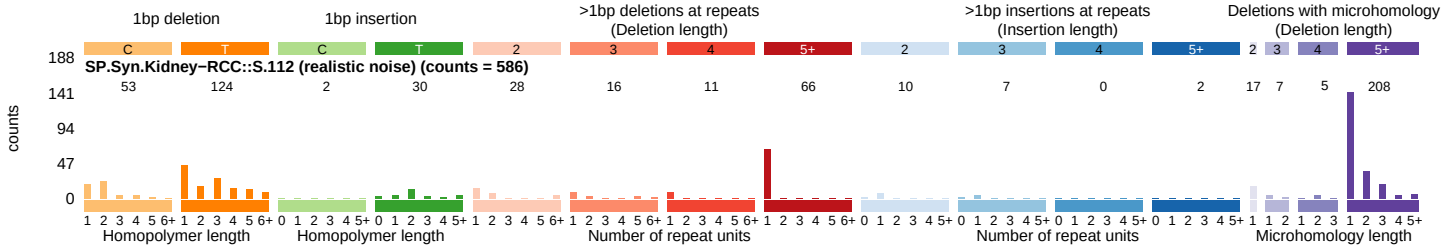
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.111 (realistic noise) (counts = 678)
101 186 21 140 20 7 5 59 18 2 3 2 8 10 2 94
counts
Homopolymer length
Number of repeat units
Microhomology length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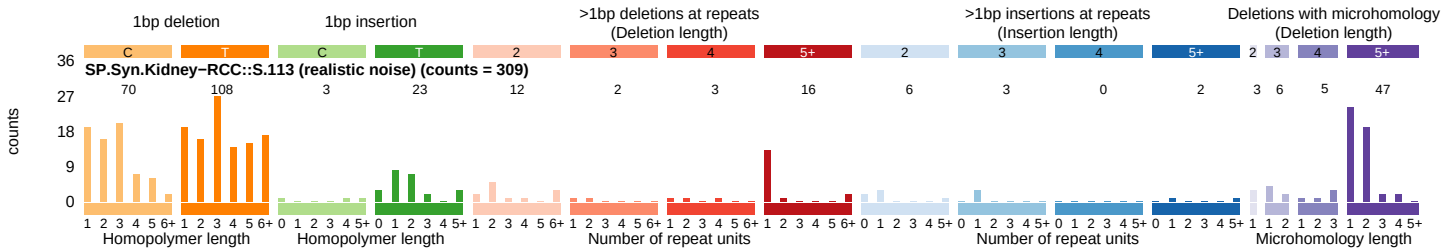
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.112 (realistic noise) (counts = 586)
53 124 2 30 28 16 11 66 10 7 0 2 17 7 5 208
counts
Homopolymer length
Number of repeat units
Microhomology length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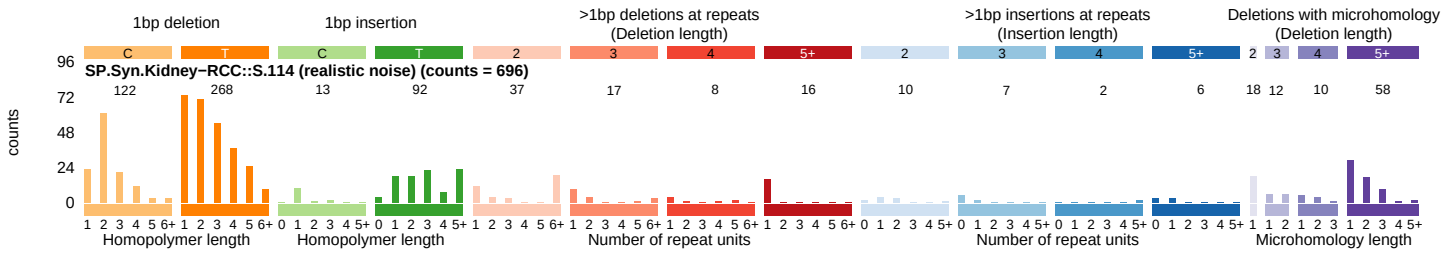
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.113 (realistic noise) (counts = 309)
70 108 3 23 12 2 3 16 6 3 0 2 3 6 5 47
counts
Homopolymer length
Number of repeat units
Microhomology length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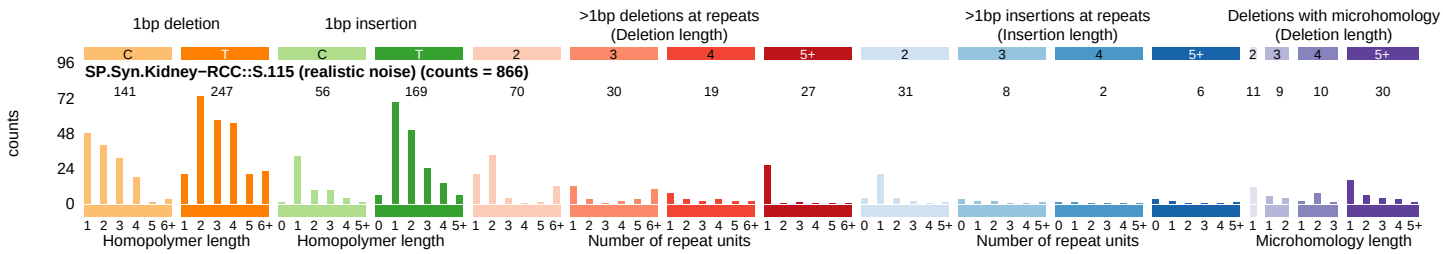
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.114 (realistic noise) (counts = 696)
122 268 13 92 37 17 8 16 10 7 2 6 18 12 10 58
counts
Homopolymer length
Number of repeat units
Microhomology length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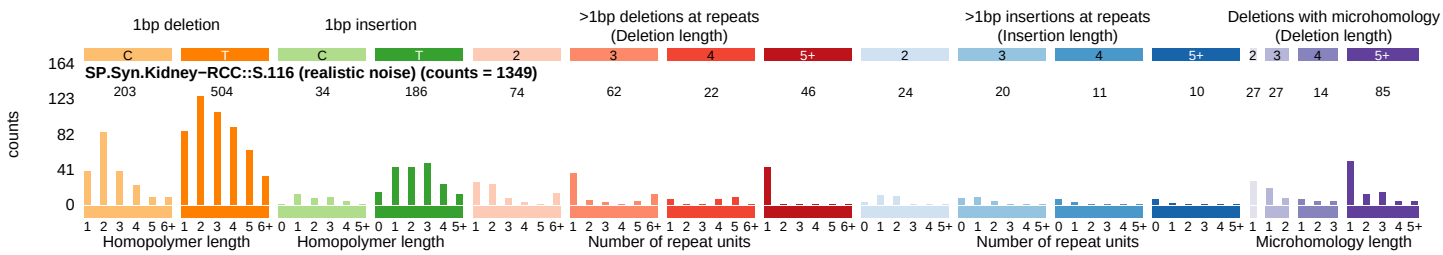
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.115 (realistic noise) (counts = 866)
141 247 56 169 70 30 19 27 31 8 2 6 11 9 10 30
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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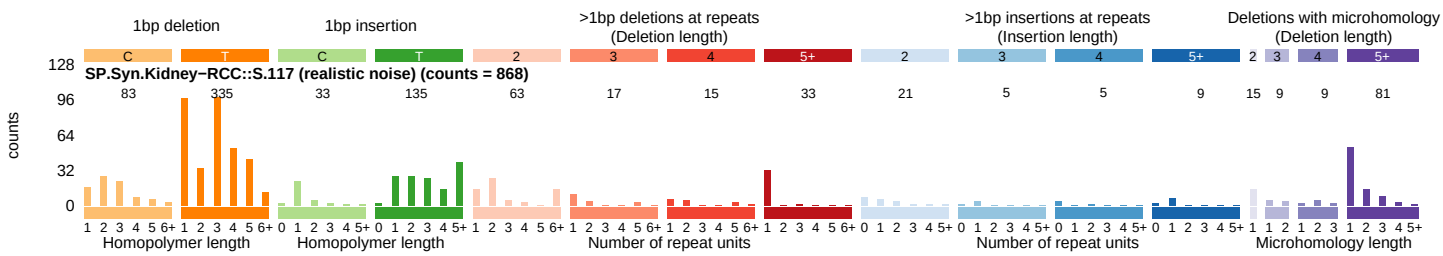
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.116 (realistic noise) (counts = 1349)
203 504 34 186 74 62 22 46 24 20 11 10 27 27 14 85
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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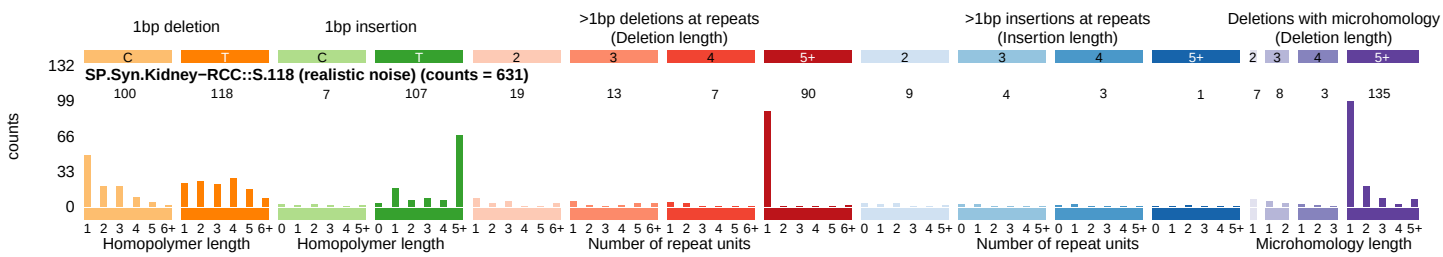
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.117 (realistic noise) (counts = 868)
83 335 33 135 63 17 15 33 21 5 5 9 15 9 9 81
counts
Homopolymer length
Number of repeat units
Microhomology length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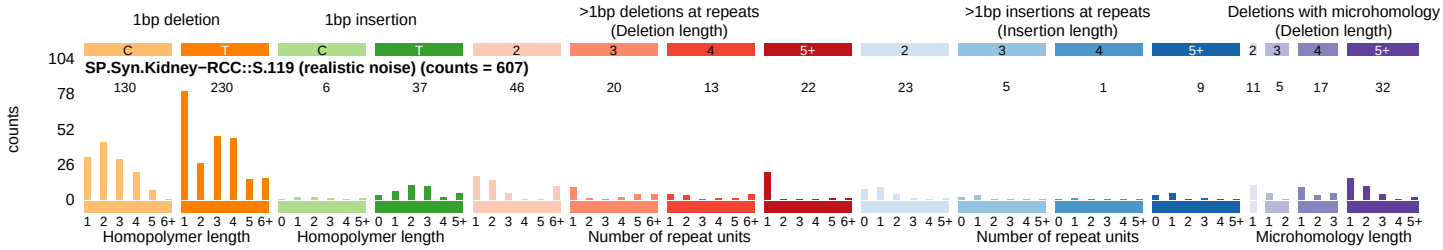
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.118 (realistic noise) (counts = 631)
100 118 7 107 19 13 7 90 9 4 3 1 7 8 3 135
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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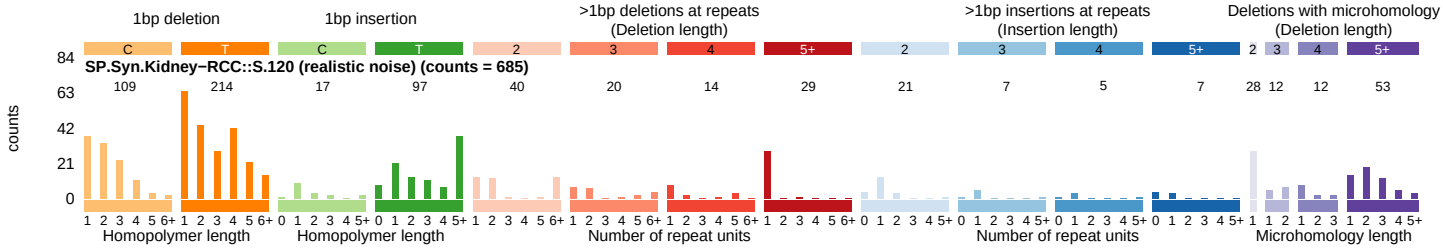
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.119 (realistic noise) (counts = 607)
130 230 6 37 46 20 13 22 23 5 1 9 11 5 17 32
counts
Homopolymer length
Number of repeat units
Microhomology length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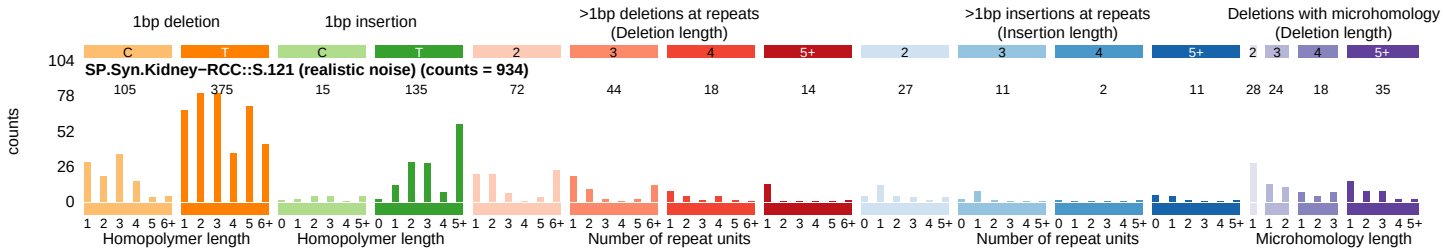
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.120 (realistic noise) (counts = 685)
109 214 17 97 40 20 14 29 21 7 5 7 28 12 12 53
counts
Homopolymer length
Number of repeat units
Microhomology length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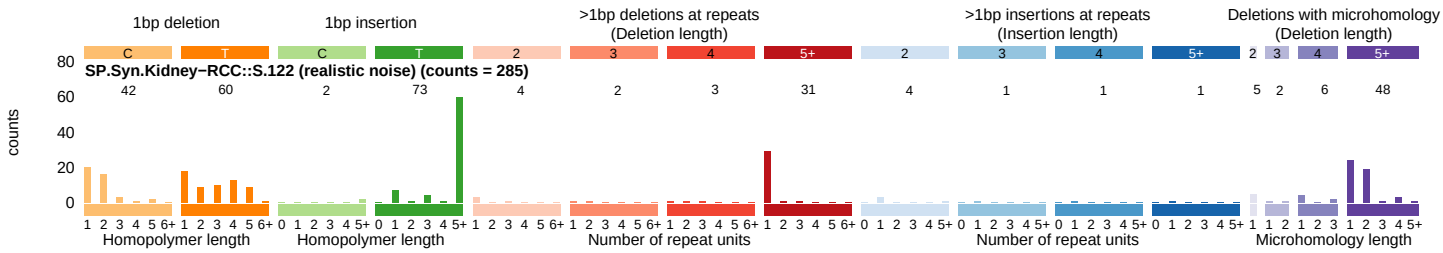
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.121 (realistic noise) (counts = 934)
105 375 15 135 72 44 18 14 27 11 2 11 28 24 18 35
counts
Homopolymer length
Number of repeat units
Microhomology length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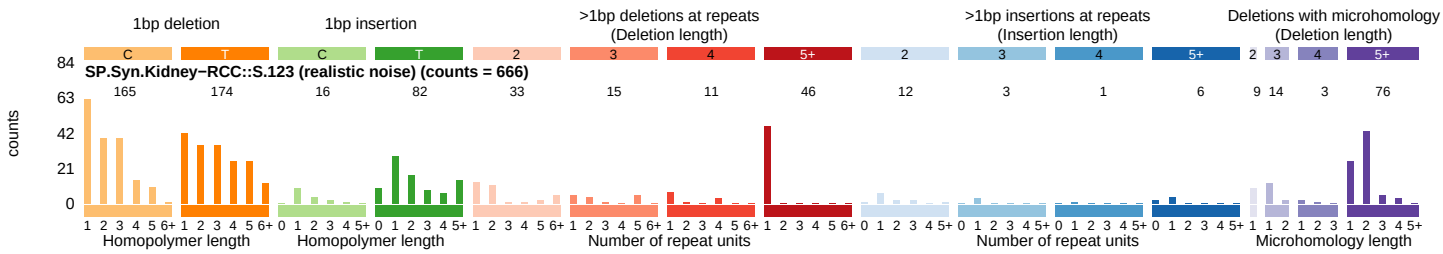
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.122 (realistic noise) (counts = 285)
42 60 2 73 4 2 3 31 4 1 1 1 5 2 6 48
counts
Homopolymer length
Number of repeat units
Microhomology length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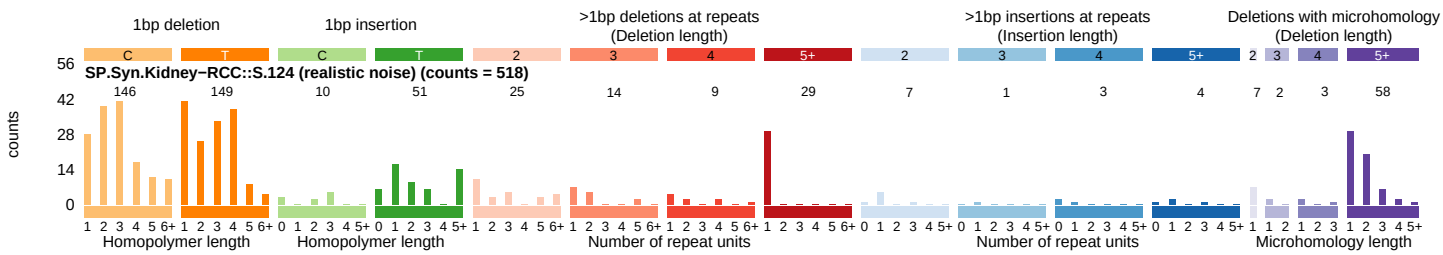
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.123 (realistic noise) (counts = 666)
165 174 16 82 33 15 11 46 12 3 1 6 9 14 3 76
counts
Homopolymer length
Number of repeat units
Microhomology length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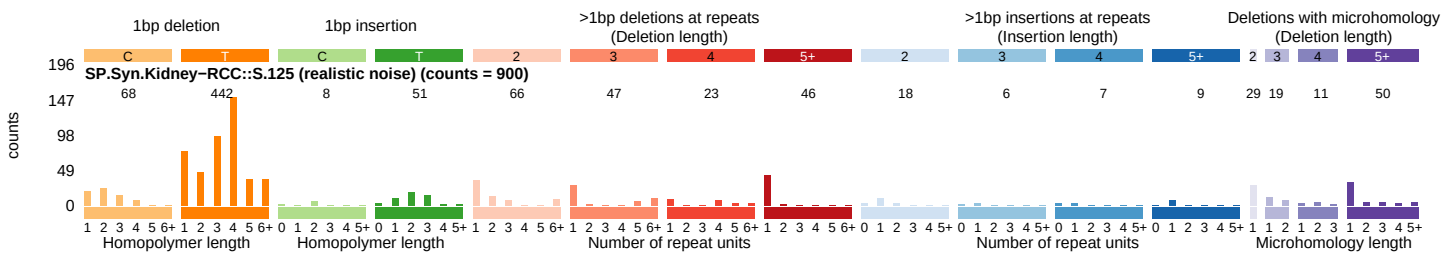
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.124 (realistic noise) (counts = 518)
146 149 10 51 25 14 9 29 7 1 3 4 7 2 3 58
counts
Homopolymer length
Number of repeat units
Microhomology length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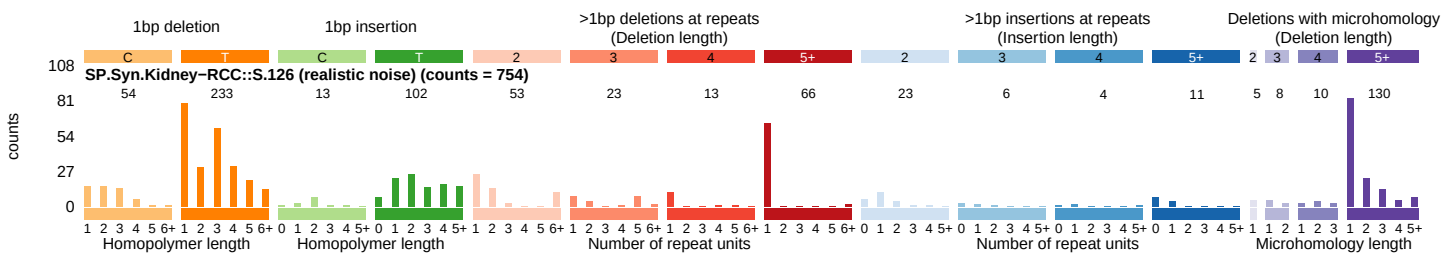
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.125 (realistic noise) (counts = 900)
68 442 8 51 66 47 23 46 18 6 7 9 29 19 11 50
counts
Homopolymer length
Number of repeat units
Microhomology length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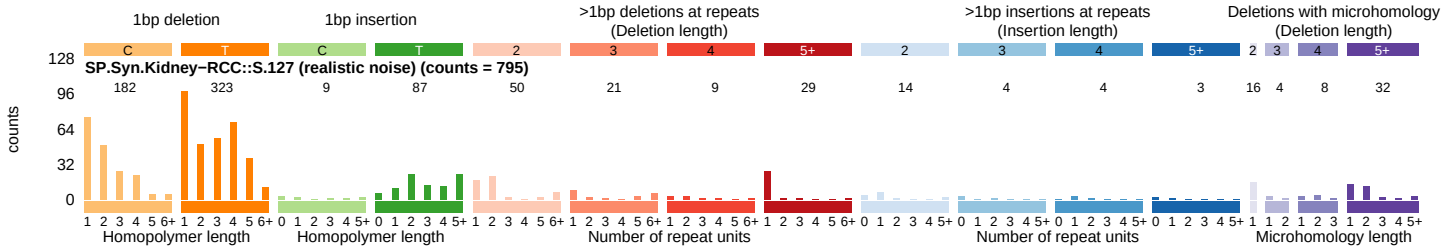
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.126 (realistic noise) (counts = 754)
54 233 13 102 53 23 13 66 23 6 4 11 5 8 10 130
counts
Homopolymer length
Number of repeat units
Microhomology length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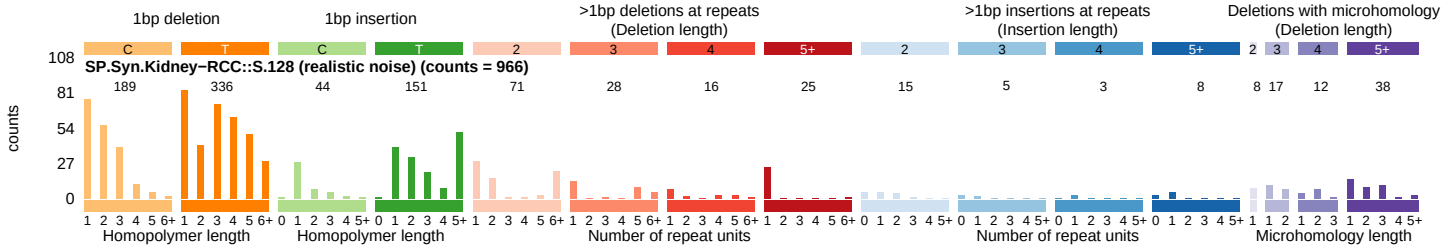
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.127 (realistic noise) (counts = 795)
182 323 9 87 50 21 9 29 14 4 4 3 16 4 8 32
counts
Homopolymer length
Number of repeat units
Microhomology length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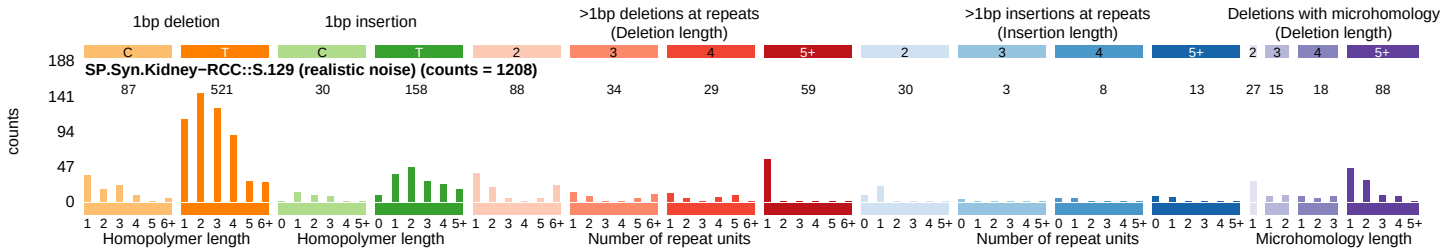
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.128 (realistic noise) (counts = 966)
189 336 44 151 71 28 16 25 15 5 3 8 8 17 12 38
counts
Homopolymer length
Number of repeat units
Microhomology length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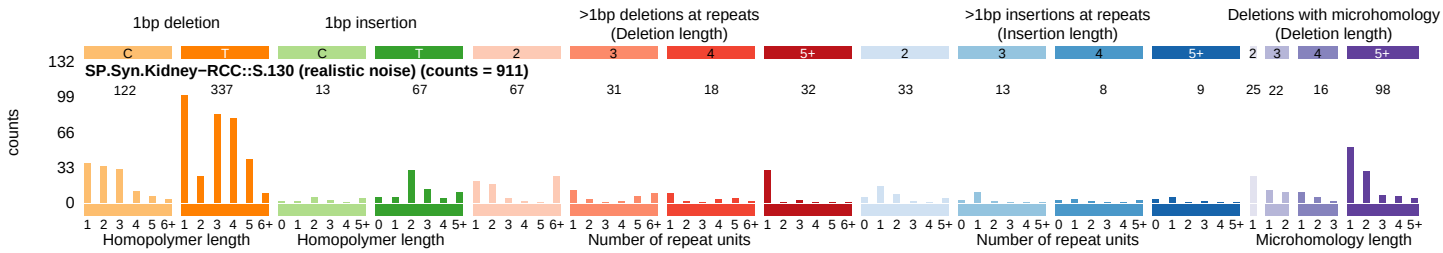
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.129 (realistic noise) (counts = 1208)
87 521 30 158 88 34 29 59 30 3 8 13 27 15 18 88
counts
Homopolymer length
Number of repeat units
Microhomology length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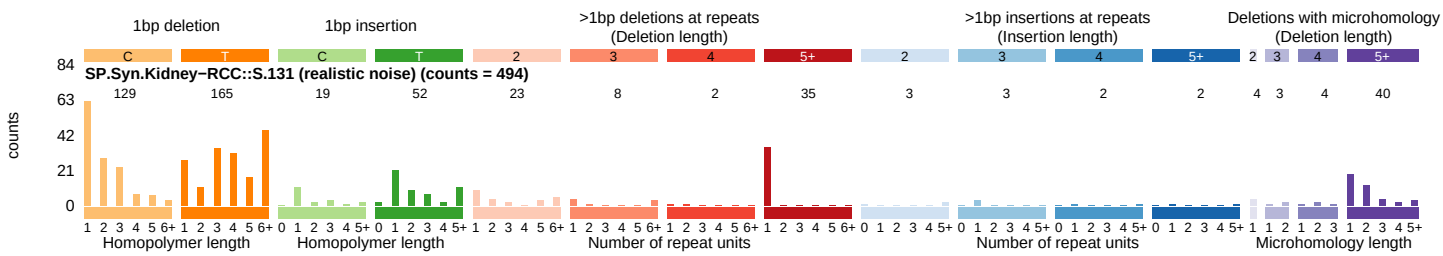
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.130 (realistic noise) (counts = 911)
122 337 13 67 67 31 18 32 33 13 8 9 25 22 16 98
counts
Homopolymer length
Number of repeat units
Microhomology length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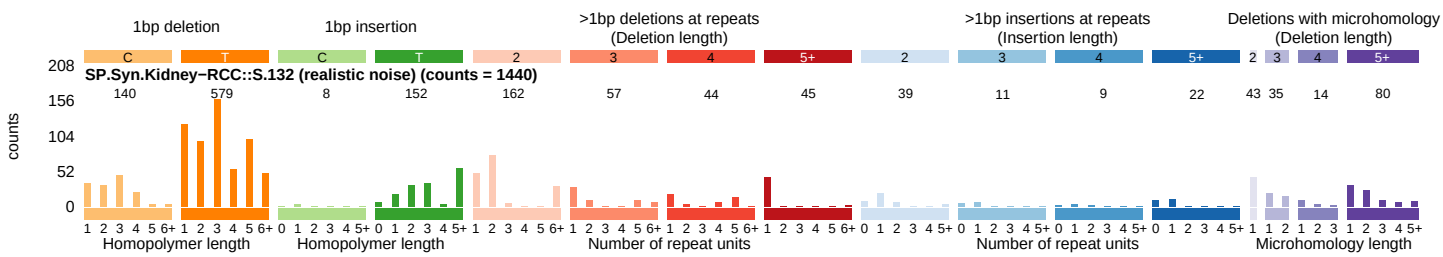
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.131 (realistic noise) (counts = 494)
129 165 19 52 23 8 2 35 3 3 2 2 4 3 4 40
counts
Homopolymer length
Number of repeat units
Microhomology length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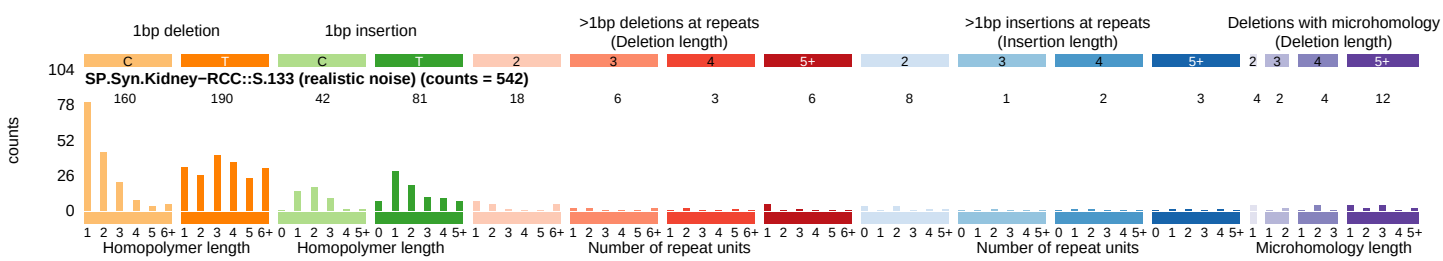
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.132 (realistic noise) (counts = 1440)
140 579 8 152 162 57 44 45 39 11 9 22 43 35 14 80
counts
Homopolymer length
Number of repeat units
Microhomology length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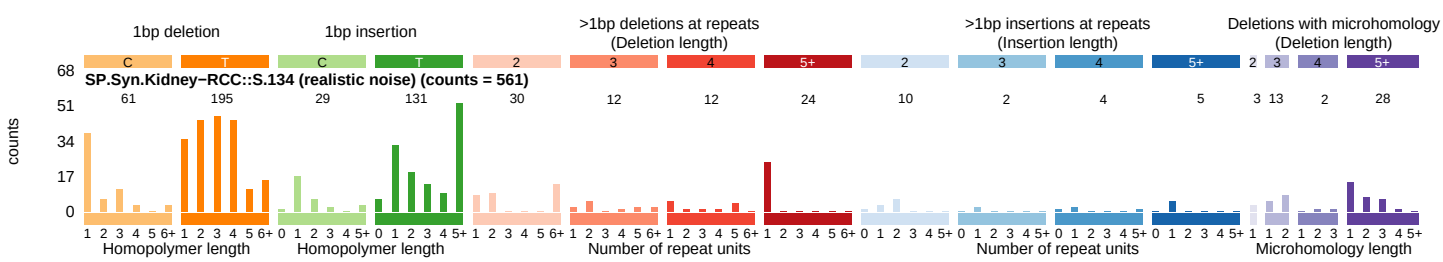
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.133 (realistic noise) (counts = 542)
160 190 42 81 18 6 3 6 8 1 2 3 4 2 4 12
counts
Homopolymer length
Number of repeat units
Microhomology length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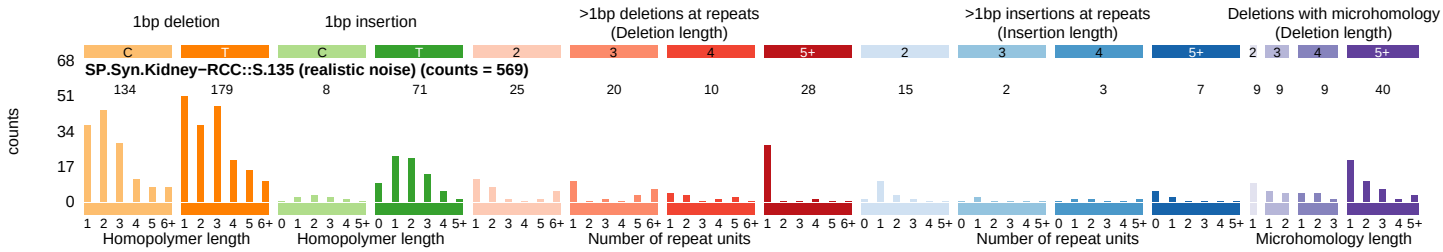
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.134 (realistic noise) (counts = 561)
61 195 29 131 30 12 12 24 10 2 4 5 3 13 2 28
counts
Homopolymer length
Number of repeat units
Microhomology length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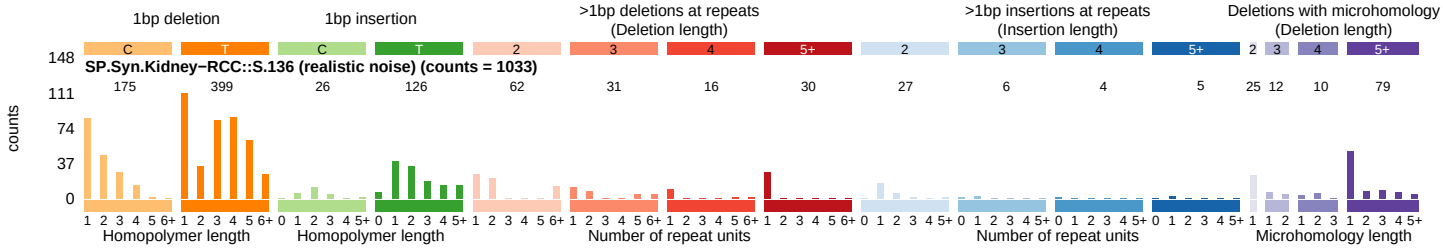
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.135 (realistic noise) (counts = 569)
134 179 8 71 25 20 10 28 15 2 3 7 9 9 9 40
counts
Homopolymer length
Number of repeat units
Microhomology length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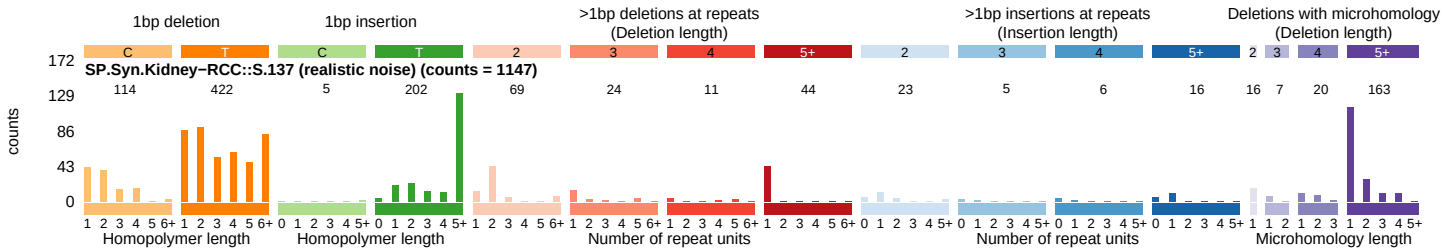
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.136 (realistic noise) (counts = 1033)
175 399 26 126 62 31 16 30 27 6 4 5 25 12 10 79
counts
Homopolymer length
Number of repeat units
Microhomology length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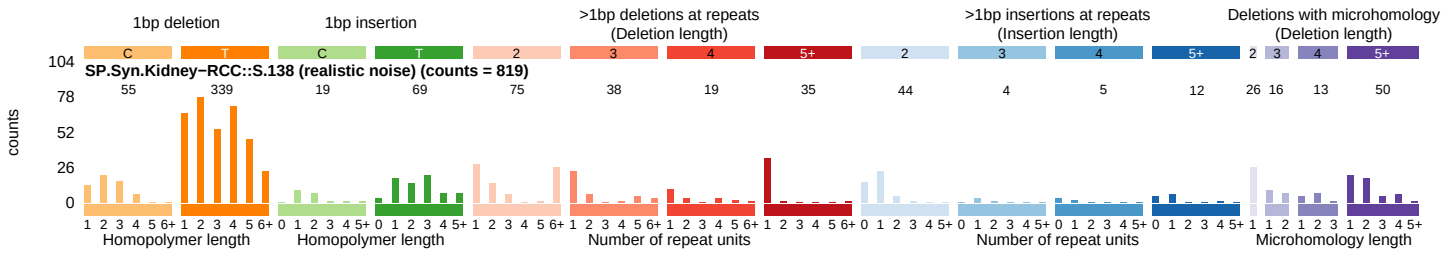
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.137 (realistic noise) (counts = 1147)
114 422 5 202 69 24 11 44 23 5 6 16 16 7 20 163
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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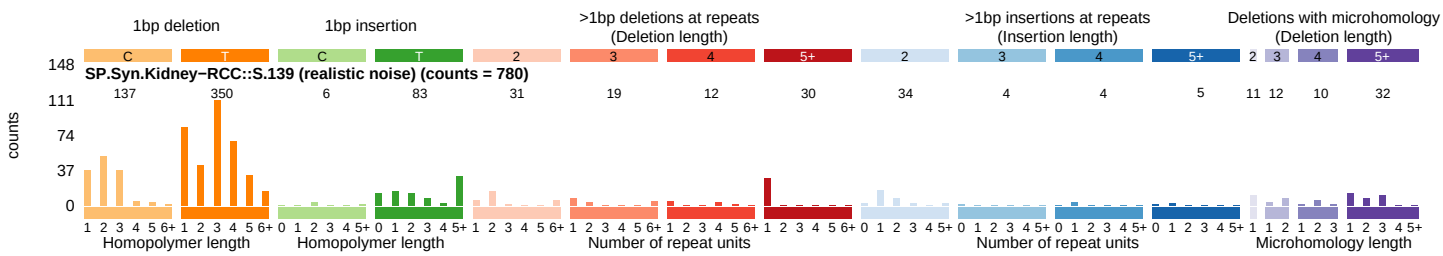
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.138 (realistic noise) (counts = 819)
55 339 19 69 75 38 19 35 44 4 5 12 26 16 13 50
counts
Homopolymer length
Number of repeat units
Microhomology length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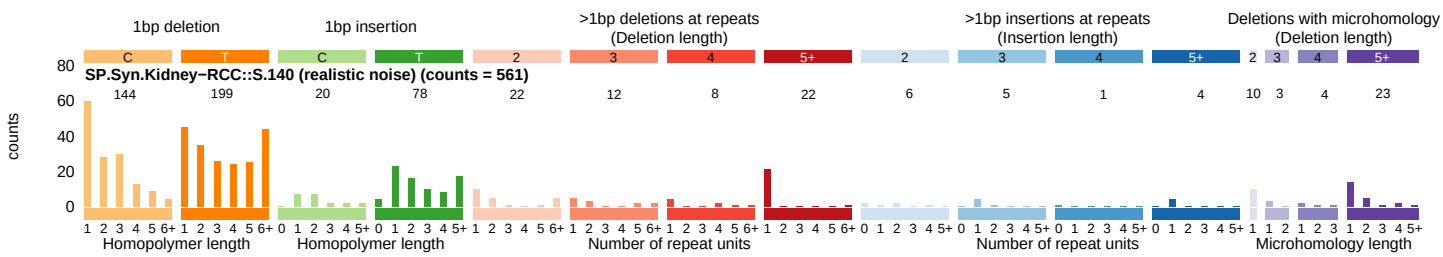
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.139 (realistic noise) (counts = 780)
137 350 6 83 31 19 12 30 34 4 4 5 11 12 10 32
counts
Homopolymer length
Number of repeat units
Microhomology length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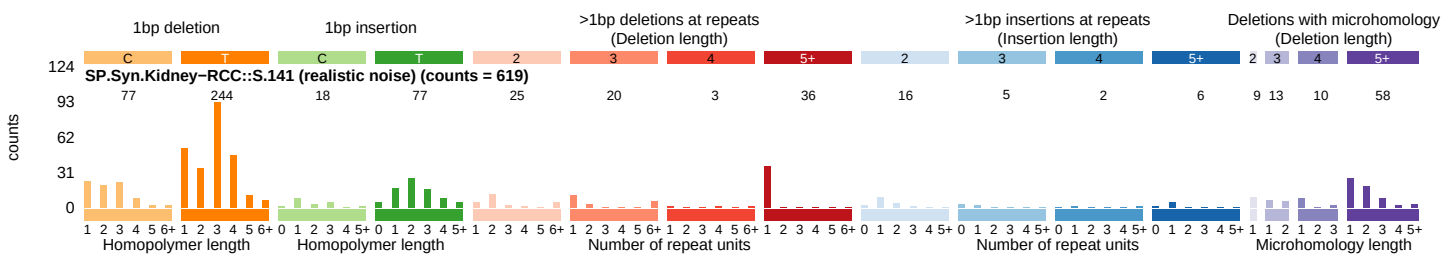
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.140 (realistic noise) (counts = 561)
144 199 20 78 22 12 8 22 6 5 1 4 10 3 4 23
counts
Homopolymer length
Number of repeat units
Microhomology length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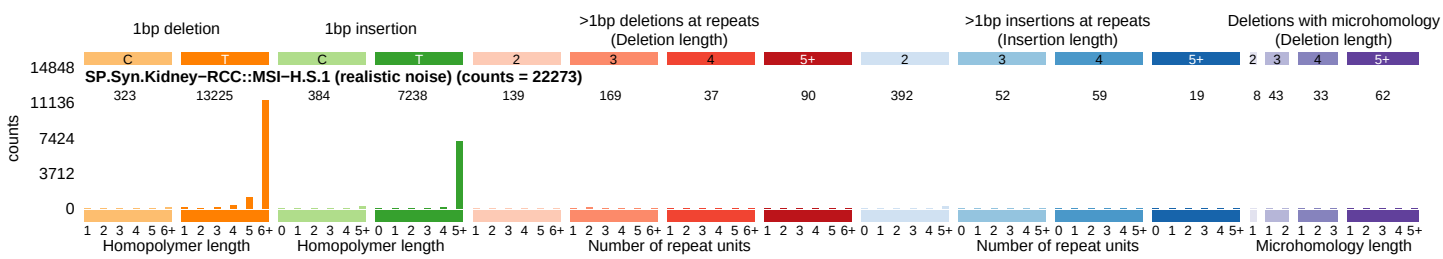
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.141 (realistic noise) (counts = 619)
77 244 18 77 25 20 3 36 16 5 2 6 9 13 10 58
counts
Homopolymer length
Number of repeat units
Microhomology length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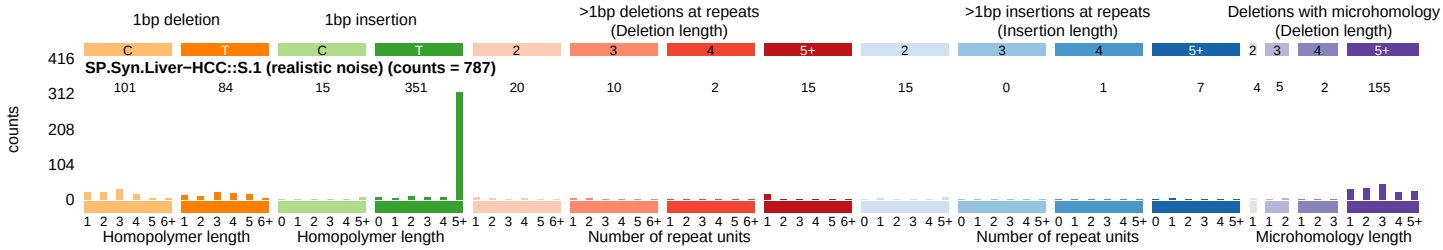
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::MSI−H.S.1 (realistic noise) (counts = 22273)
323 13225 384 7238 139 169 37 90 392 52 59 19 8 43 33 62
counts
Homopolymer length
Number of repeat units
Microhomology length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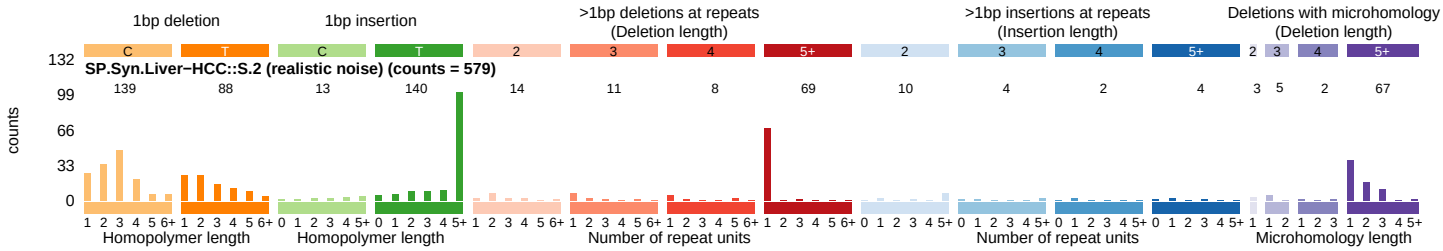
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.1 (realistic noise) (counts = 787)
101 84 15 351 20 10 2 15 15 0 1 7 4 5 2 155
counts
Homopolymer length
Number of repeat units
Microhomology length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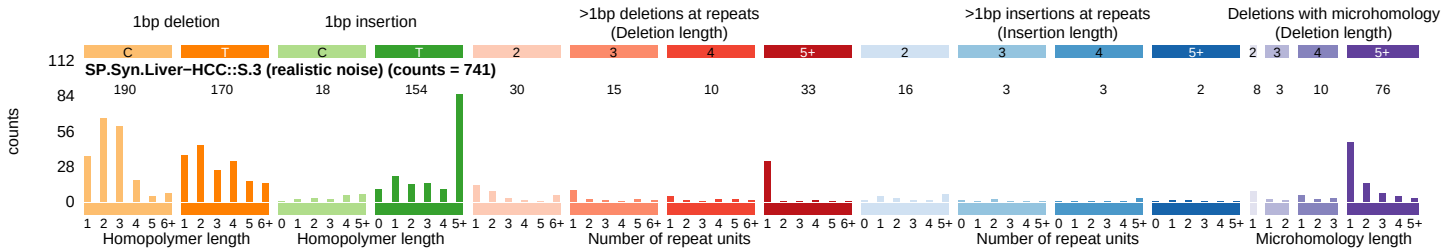
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.2 (realistic noise) (counts = 579)
139 88 13 140 14 11 8 69 10 4 2 4 3 5 2 67
counts
Homopolymer length
Number of repeat units
Microhomology length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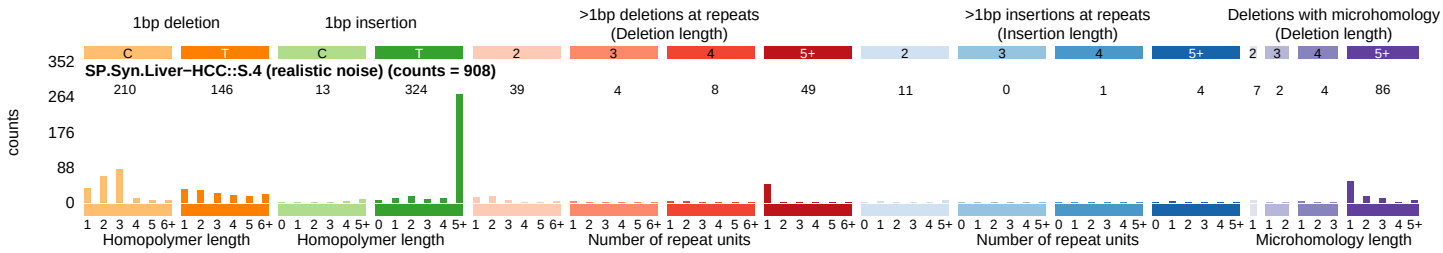
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.3 (realistic noise) (counts = 741)
190 170 18 154 30 15 10 33 16 3 3 2 8 3 10 76
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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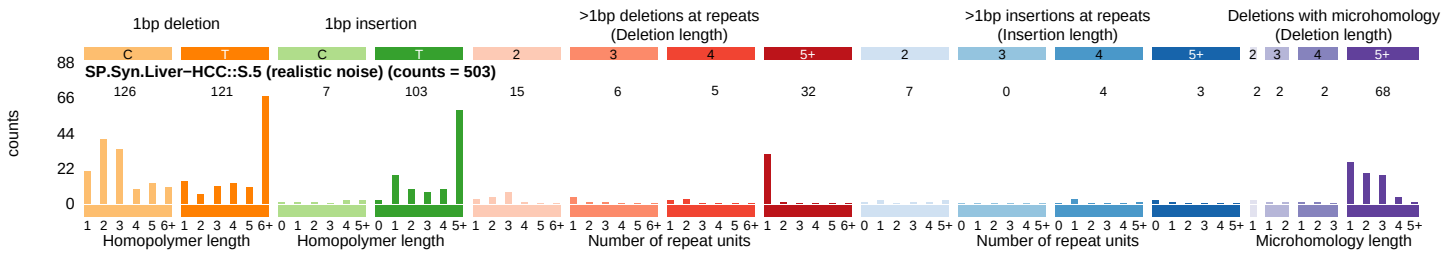
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.4 (realistic noise) (counts = 908)
210 146 13 324 39 4 8 49 11 0 1 4 7 2 4 86
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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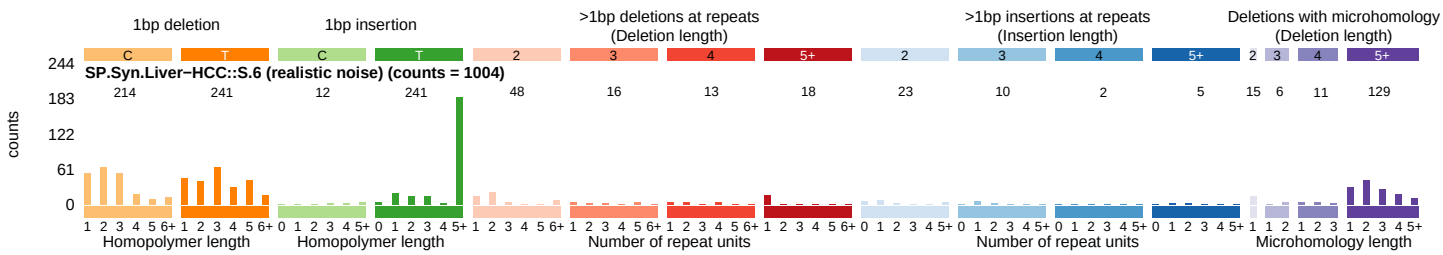
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.5 (realistic noise) (counts = 503)
126 121 7 103 15 6 5 32 7 0 4 3 2 2 2 68
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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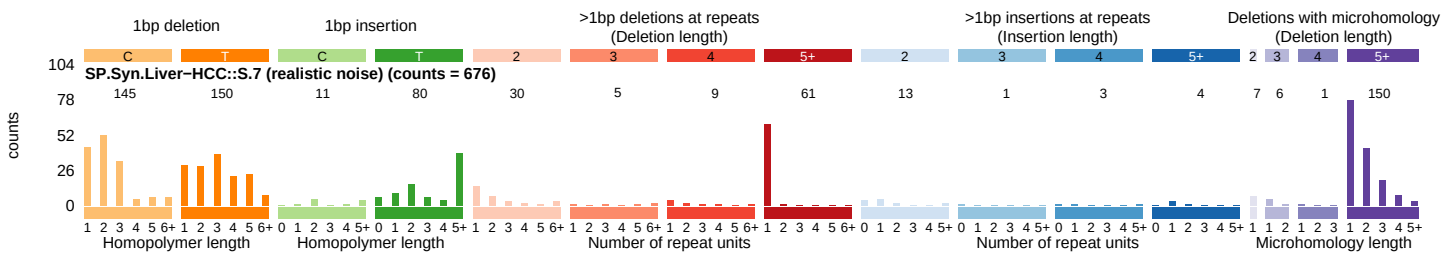
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.6 (realistic noise) (counts = 1004)
214 241 12 241 48 16 13 18 23 10 2 5 15 6 11 129
counts
Homopolymer length
Number of repeat units
Microhomology length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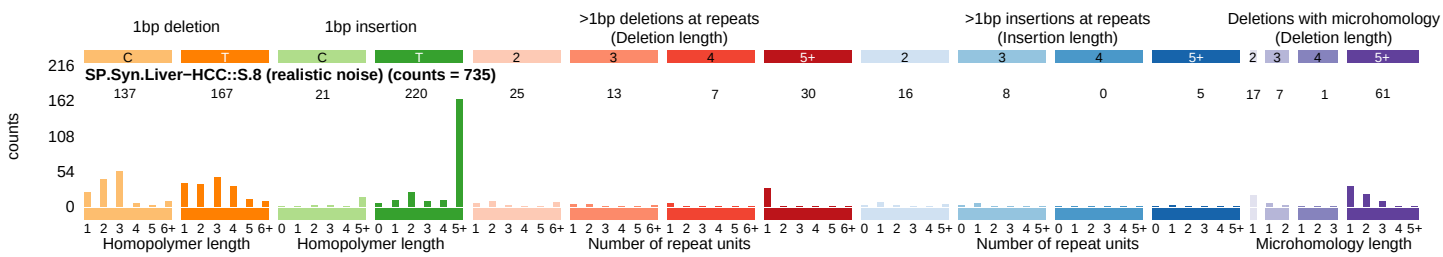
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.7 (realistic noise) (counts = 676)
145 150 11 80 30 5 9 61 13 1 3 4 7 6 1 150
counts
Homopolymer length
Number of repeat units
Microhomology length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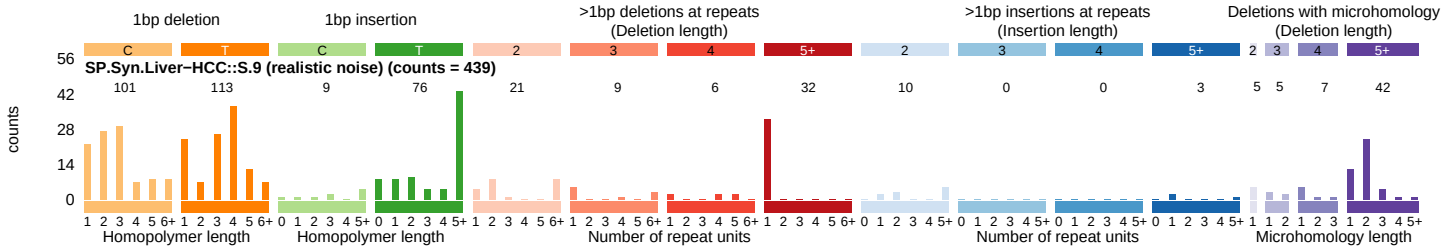
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.8 (realistic noise) (counts = 735)
137 167 21 220 25 13 7 30 16 8 0 5 17 7 1 61
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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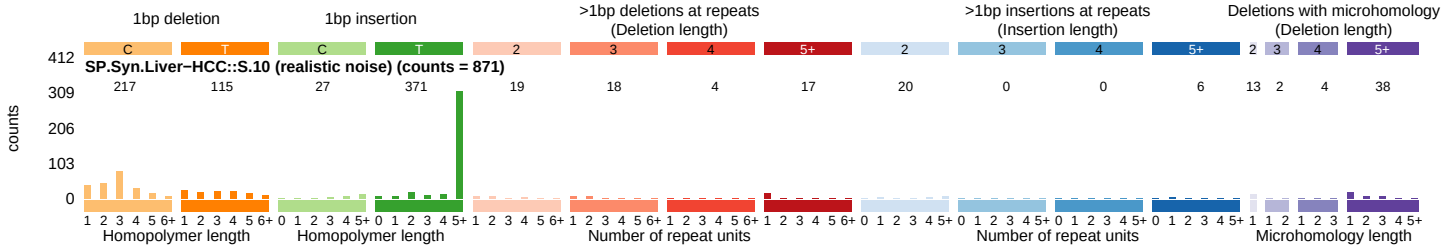
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.9 (realistic noise) (counts = 439)
counts
Homopolymer length
Number of repeat units
Microhomology length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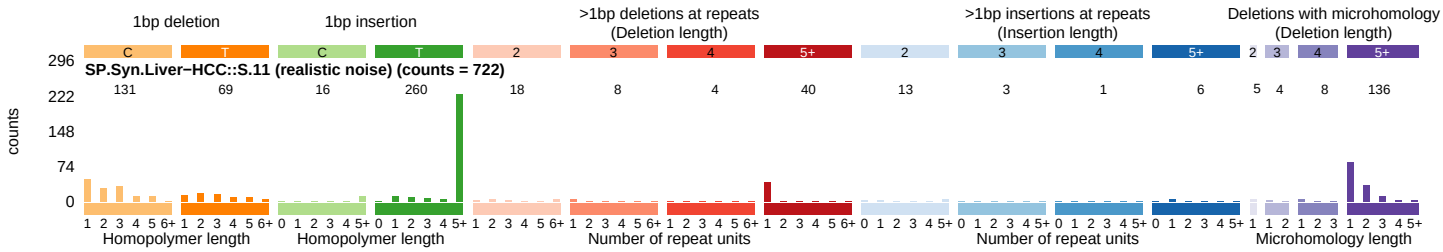
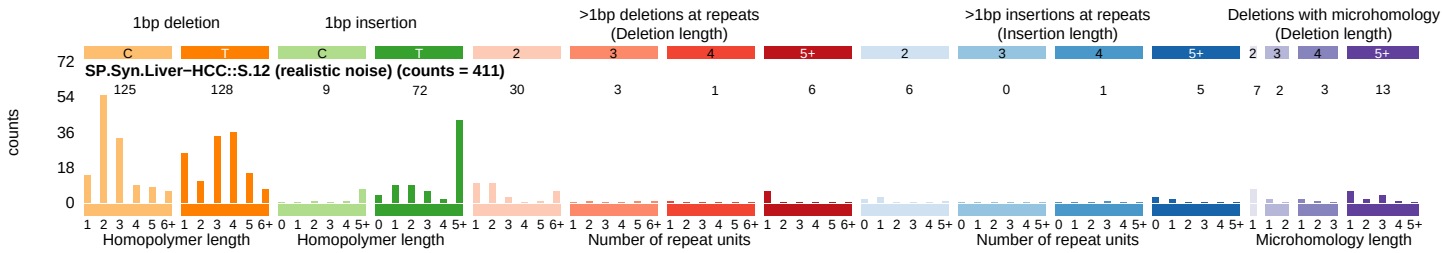
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.10 (realistic noise) (counts = 871)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.11 (realistic noise) (counts = 722)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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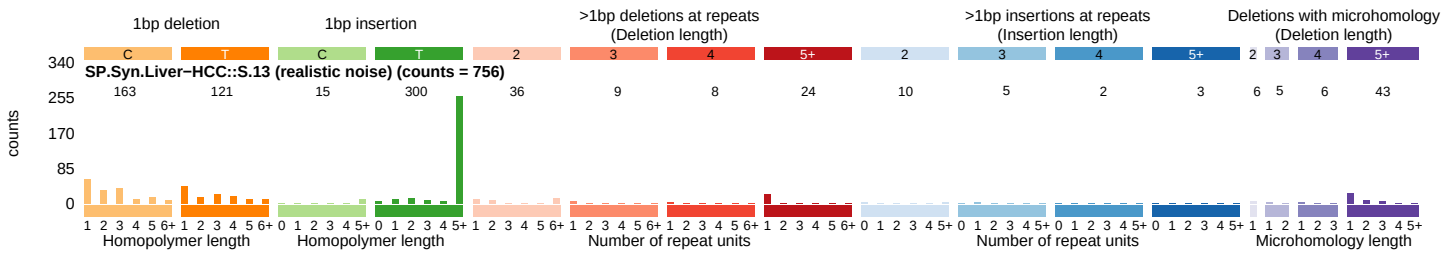
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.12 (realistic noise) (counts = 411)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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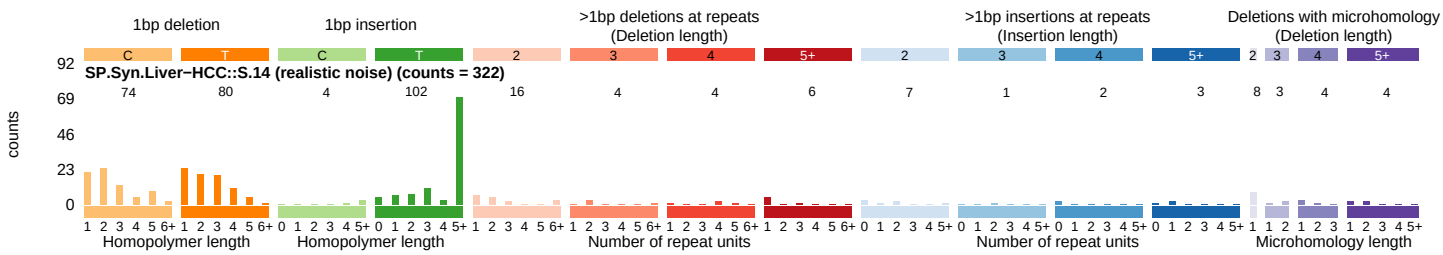
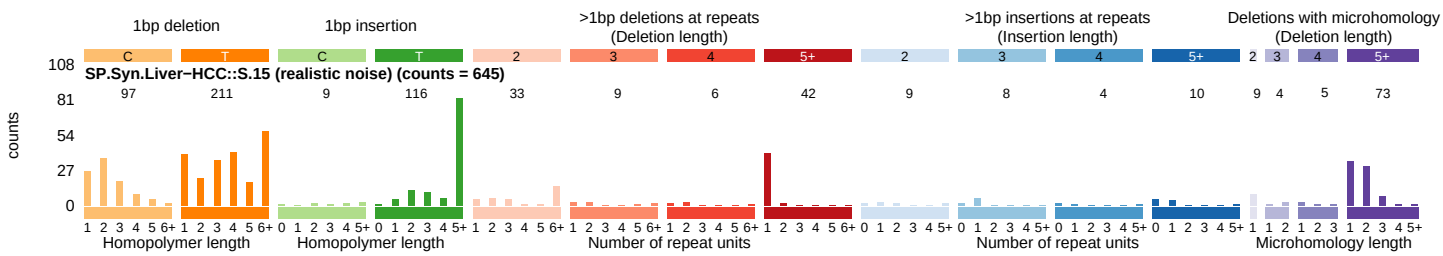
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.13 (realistic noise) (counts = 756)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.14 (realistic noise) (counts = 322)
counts
Homopolymer length
Number of repeat units
Microhomology length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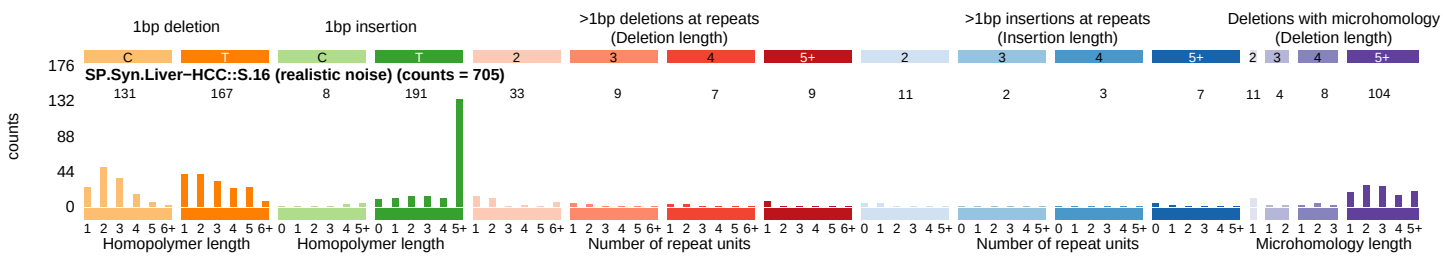
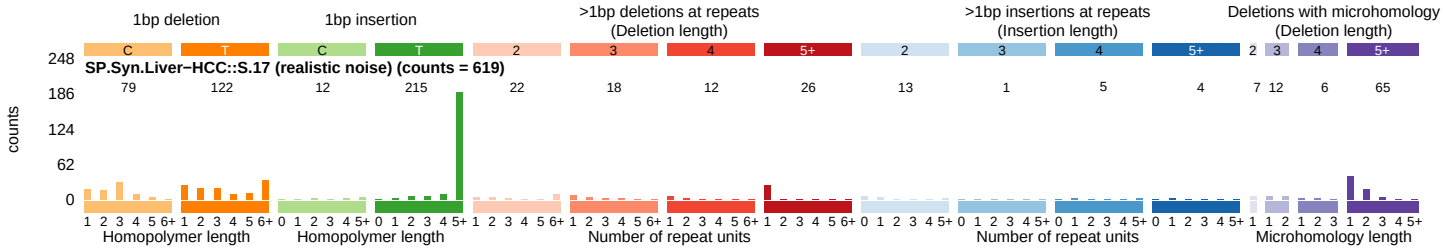
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.15 (realistic noise) (counts = 645)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.16 (realistic noise) (counts = 705)
counts
Homopolymer length
Number of repeat units
Microhomology length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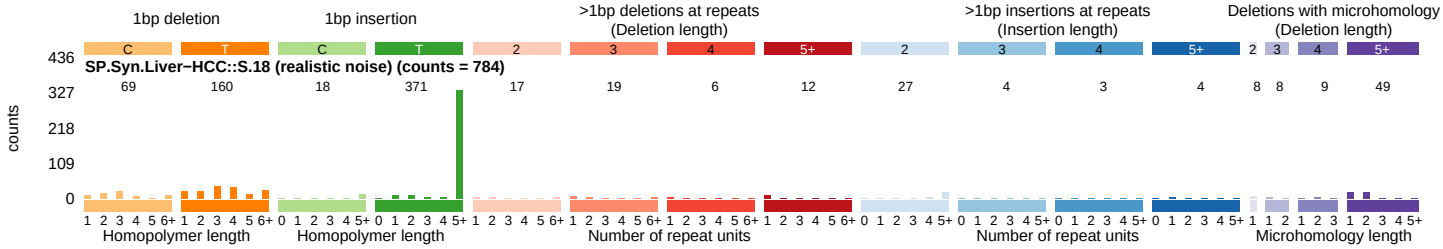
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.17 (realistic noise) (counts = 619)
79 122 12 215 22 18 12 26 13 1 5 4 7 12 6 65
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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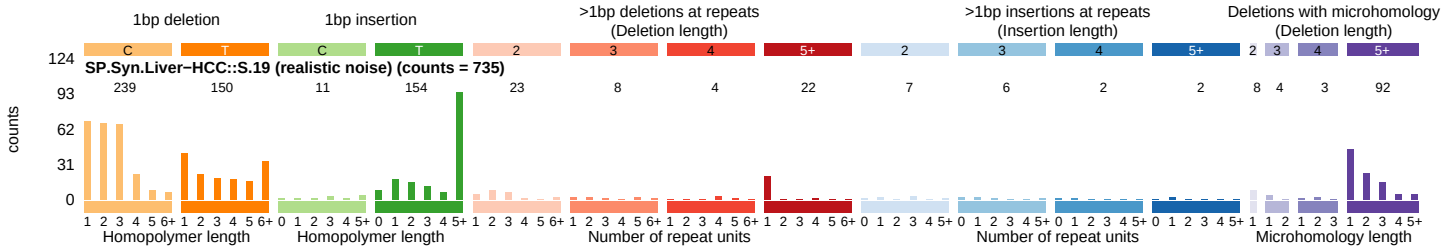
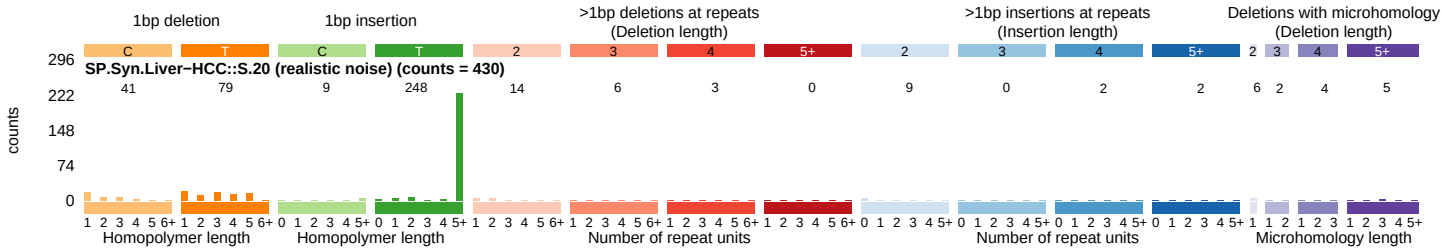
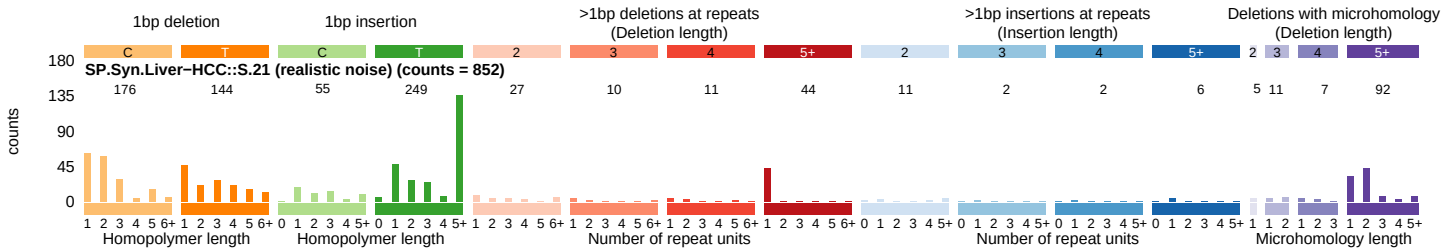
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.18 (realistic noise) (counts = 784)
69 160 18 371 17 19 6 12 27 4 3 4 8 8 9 49
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.19 (realistic noise) (counts = 735)
239 150 11 154 23 8 4 22 7 6 2 2 8 4 3 92
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.20 (realistic noise) (counts = 430)
41 79 9 248 14 6 3 0 9 0 2 2 6 2 4 5
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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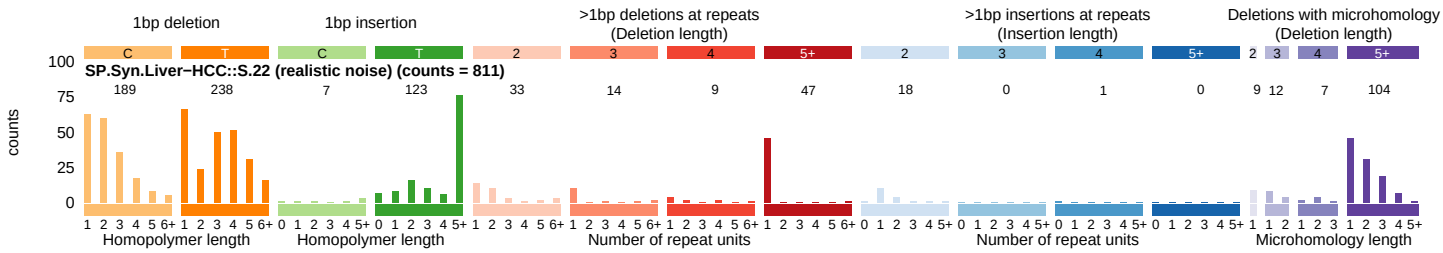
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.21 (realistic noise) (counts = 852)
176 144 55 249 27 10 11 44 11 2 2 6 5 11 7 92
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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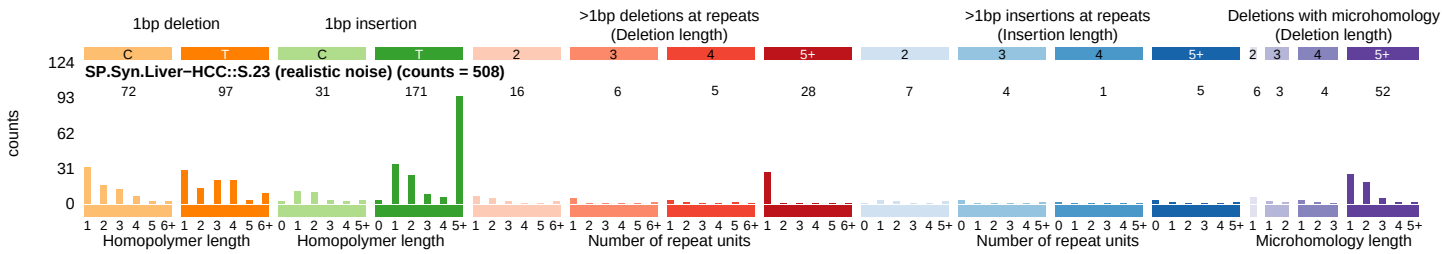
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.22 (realistic noise) (counts = 811)
189 238 7 123 33 14 9 47 18 0 1 0 9 12 7 104
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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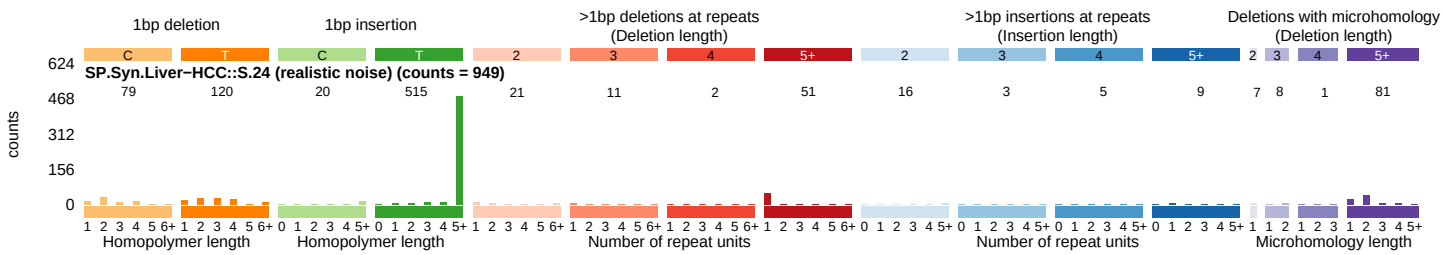
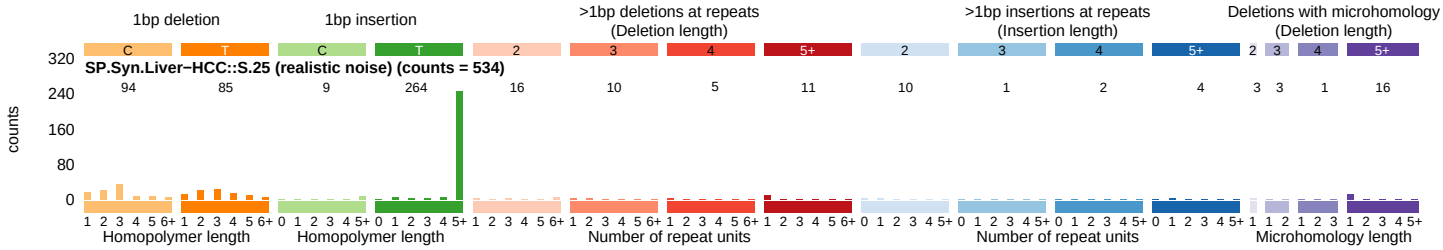
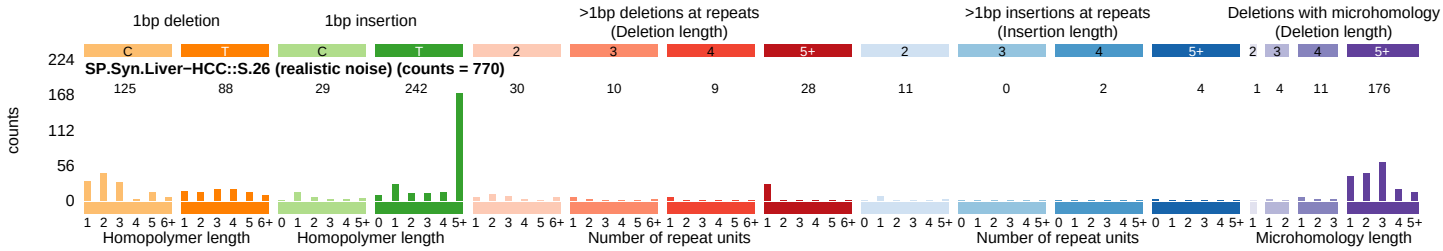
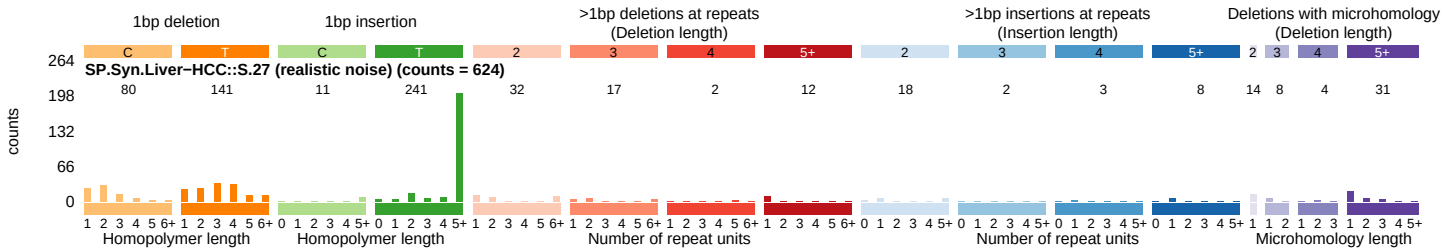
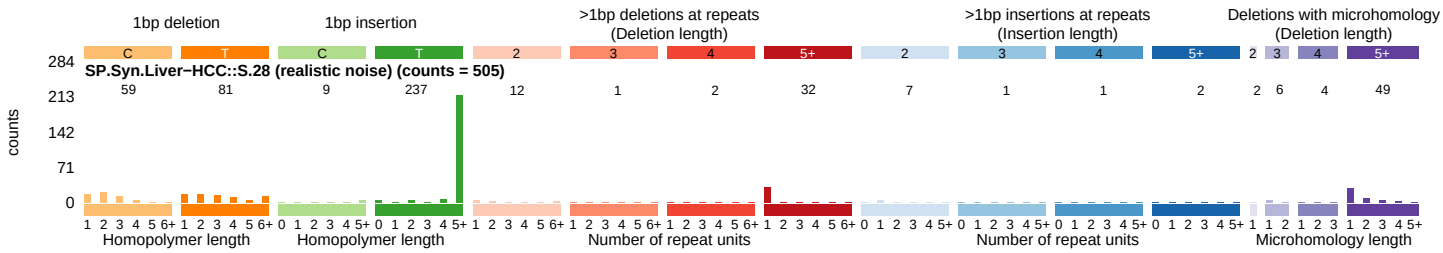
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.23 (realistic noise) (counts = 508)
72 97 31 171 16 6 5 28 7 4 1 5 6 3 4 52
counts
Homopolymer length
Number of repeat units
Microhomology length

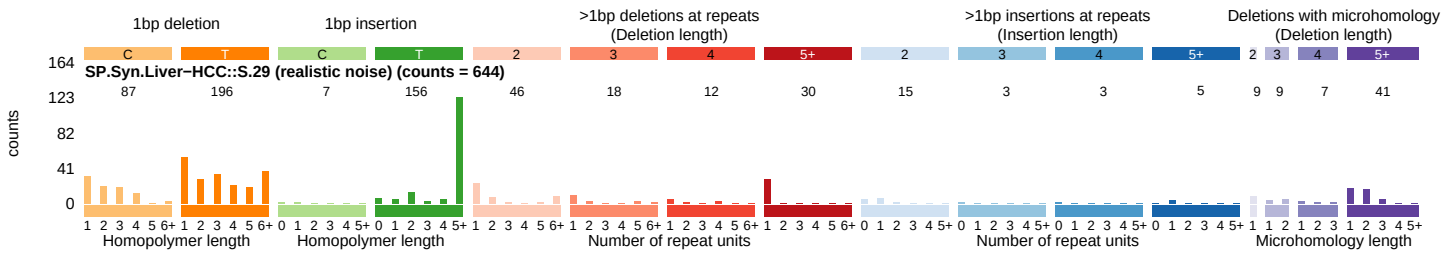

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.24 (realistic noise) (counts = 949)
79 120 20 515 21 11 2 51 16 3 5 9 7 8 1 81
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.25 (realistic noise) (counts = 534)
94 85 9 264 16 10 5 11 10 1 2 4 3 3 1 16
counts
320 240 160 80 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.26 (realistic noise) (counts = 770)
125 88 29 242 30 10 9 28 11 0 2 4 1 4 11 176
counts
224 168 112 56 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.27 (realistic noise) (counts = 624)
80 141 11 241 32 17 2 12 18 2 3 8 14 8 4 31
counts
264 198 132 66 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.28 (realistic noise) (counts = 505)
59 81 9 237 12 1 2 32 7 1 1 2 2 6 4 49
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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1bp insertion
>1bp deletions at repeats (Deletion length)
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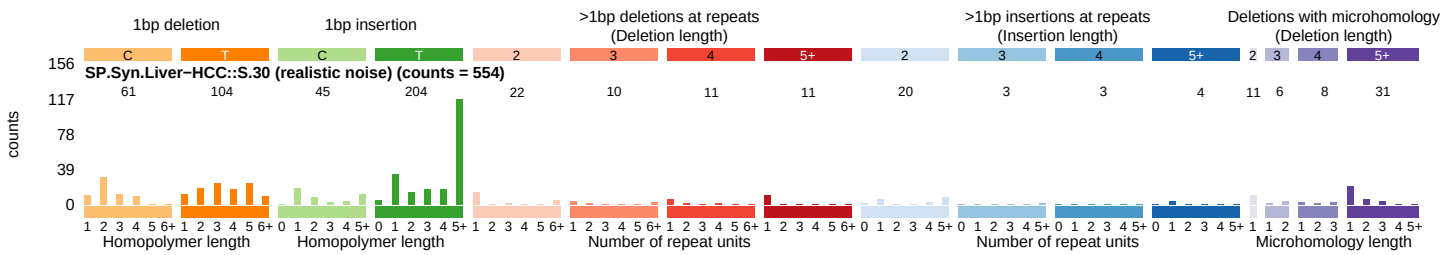
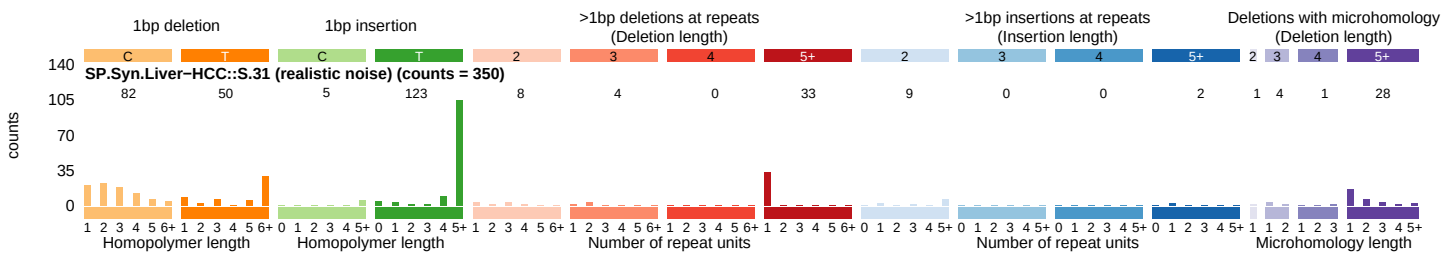
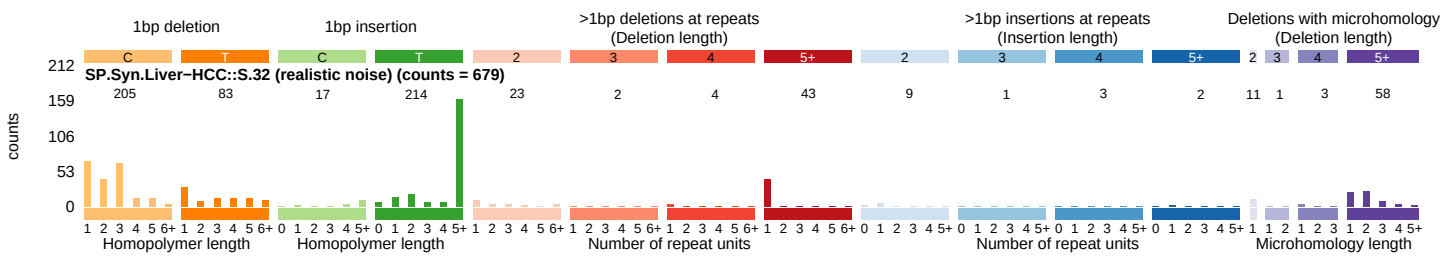
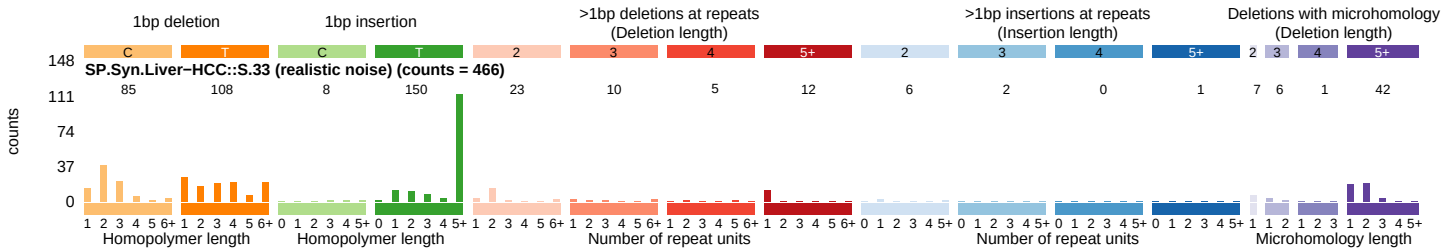
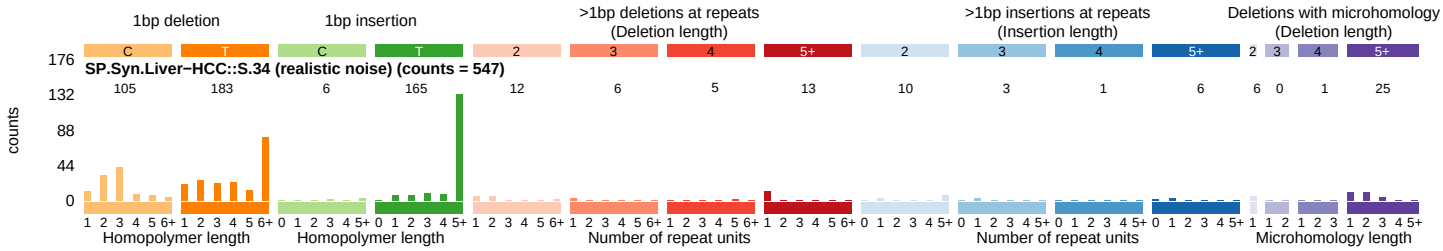
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.29 (realistic noise) (counts = 644)
87 196 7 156 46 18 12 30 15 3 3 5 9 9 7 41
counts
164 123 82 41 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 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

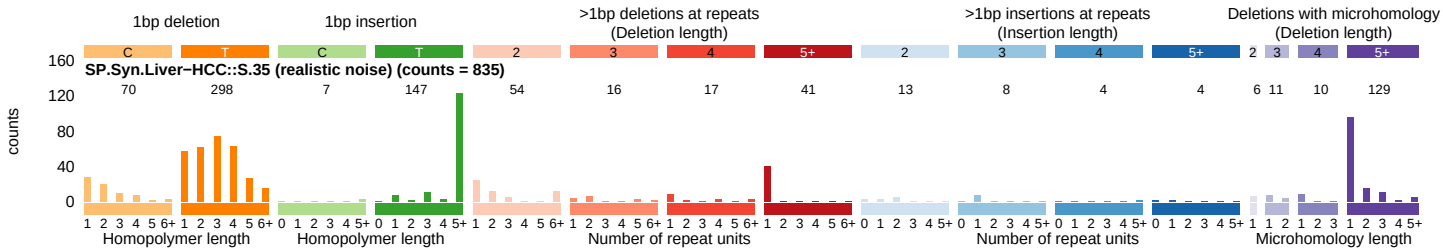

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.30 (realistic noise) (counts = 554)
61 104 45 204 22 10 11 11 20 3 3 4 11 6 8 31
counts
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

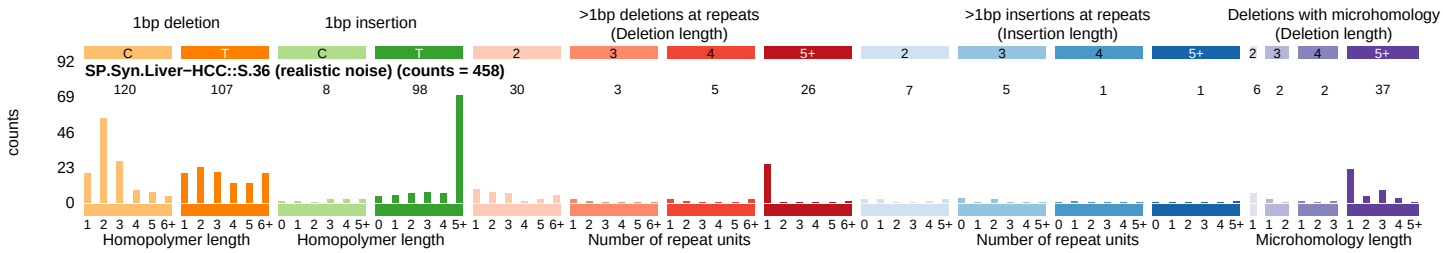

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.31 (realistic noise) (counts = 350)
82 50 5 123 8 4 0 33 9 0 0 2 1 4 1 28
counts
140 105 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.Liver−HCC::S.32 (realistic noise) (counts = 679)
205 83 17 214 23 2 4 43 9 1 3 2 11 1 3 58
counts
212 159 106 53 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.33 (realistic noise) (counts = 466)
85 108 8 150 23 10 5 12 6 2 0 1 7 6 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.Liver−HCC::S.34 (realistic noise) (counts = 547)
105 183 6 165 12 6 5 13 10 3 1 6 6 0 1 25
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.35 (realistic noise) (counts = 835)
70 298 7 147 54 16 17 41 13 8 4 4 6 11 10 129
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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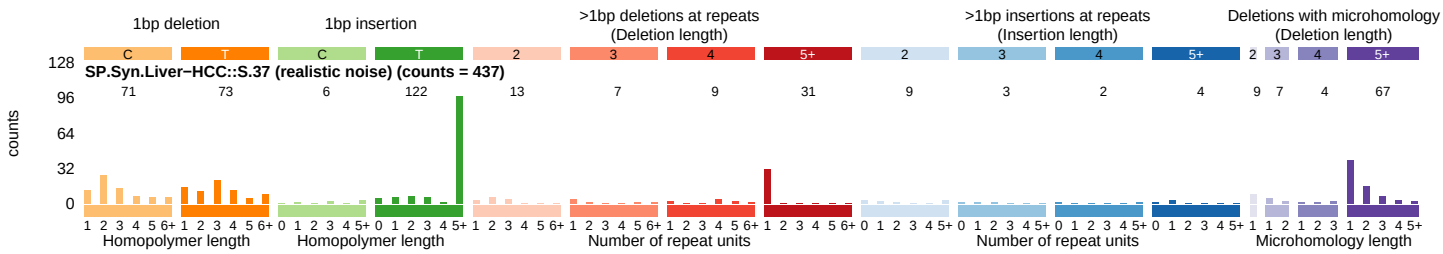
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.36 (realistic noise) (counts = 458)
120 107 8 98 30 3 5 26 7 5 1 1 6 2 2 37
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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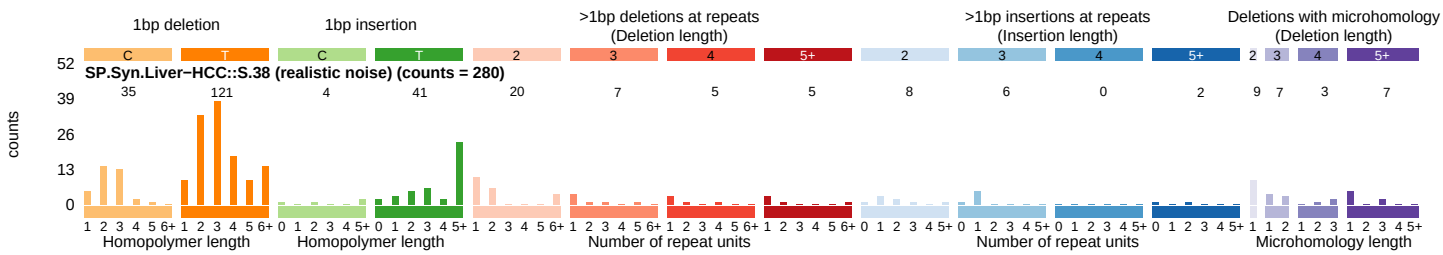
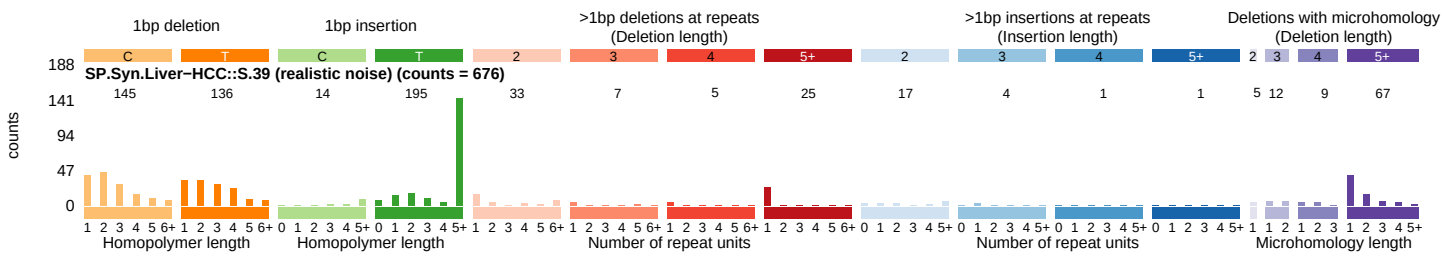
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.37 (realistic noise) (counts = 437)
71 73 6 122 13 7 9 31 9 3 2 4 9 7 4 67
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.38 (realistic noise) (counts = 280)
35 121 4 41 20 7 5 5 8 6 0 2 9 7 3 7
counts
Homopolymer length
Number of repeat units
Microhomology length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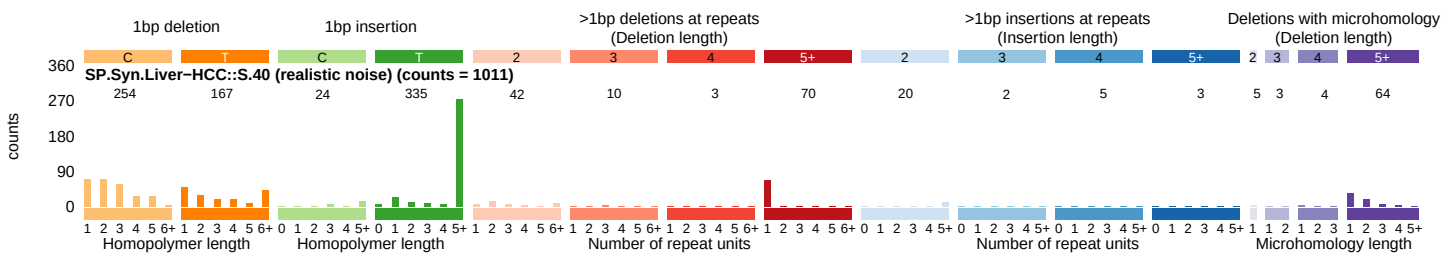
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.39 (realistic noise) (counts = 676)
145 136 14 195 33 7 5 25 17 4 1 1 5 12 9 67
counts
Homopolymer length
Number of repeat units
Microhomology length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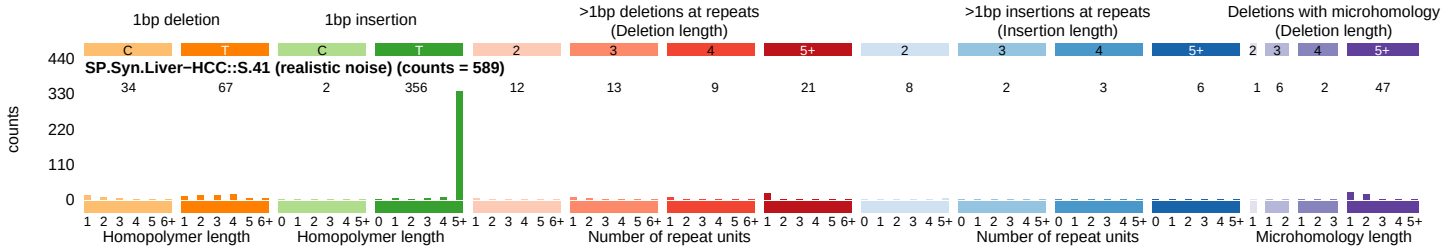
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.40 (realistic noise) (counts = 1011)
254 167 24 335 42 10 3 70 20 2 5 3 5 3 4 64
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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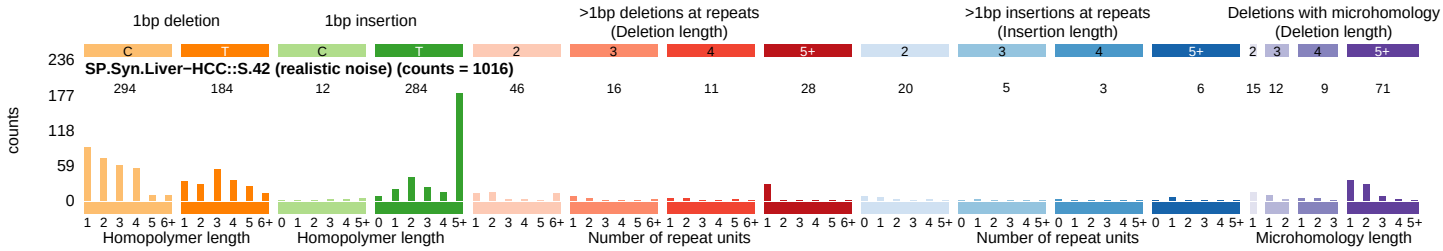
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.41 (realistic noise) (counts = 589)
34 67 2 356 12 13 9 21 8 2 3 6 1 6 2 47
counts
440 330 220 110 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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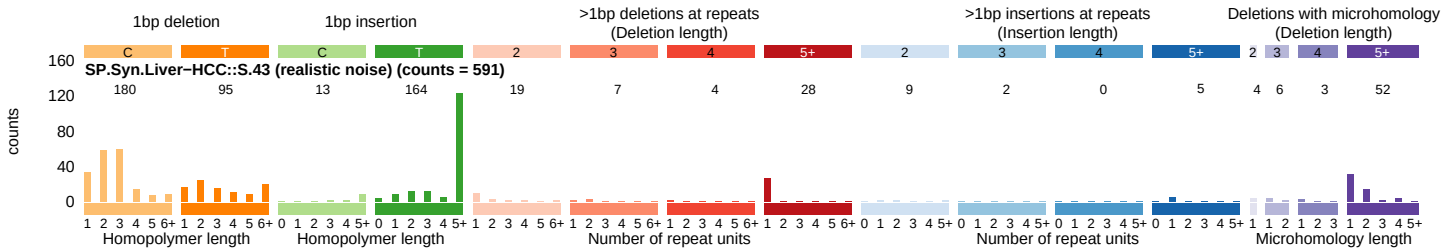
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.42 (realistic noise) (counts = 1016)
294 184 12 284 46 16 11 28 20 5 3 6 15 12 9 71
counts
236 177 118 59 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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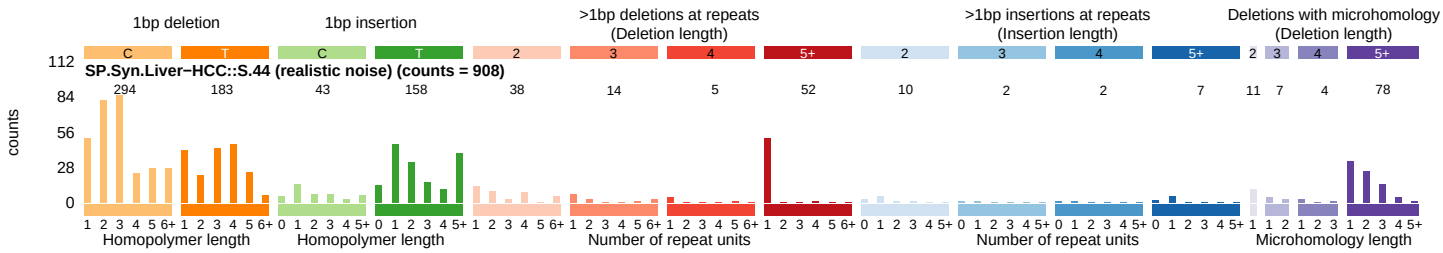
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.43 (realistic noise) (counts = 591)
180 95 13 164 19 7 4 28 9 2 0 5 4 6 3 52
counts
160 120 80 40 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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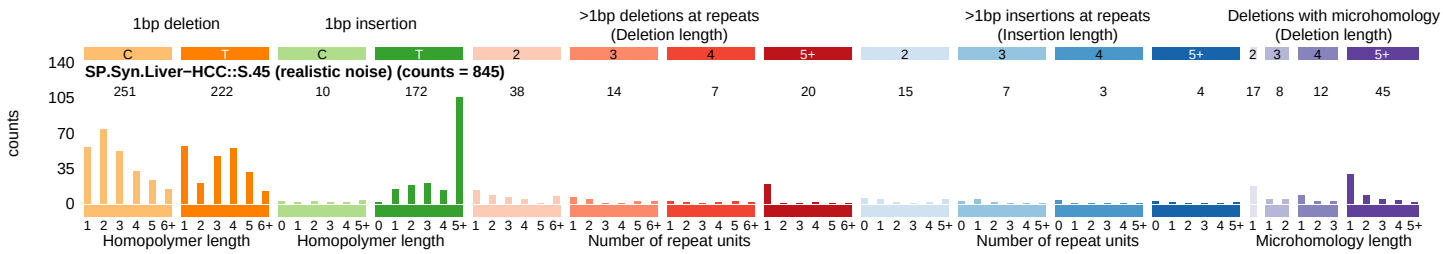
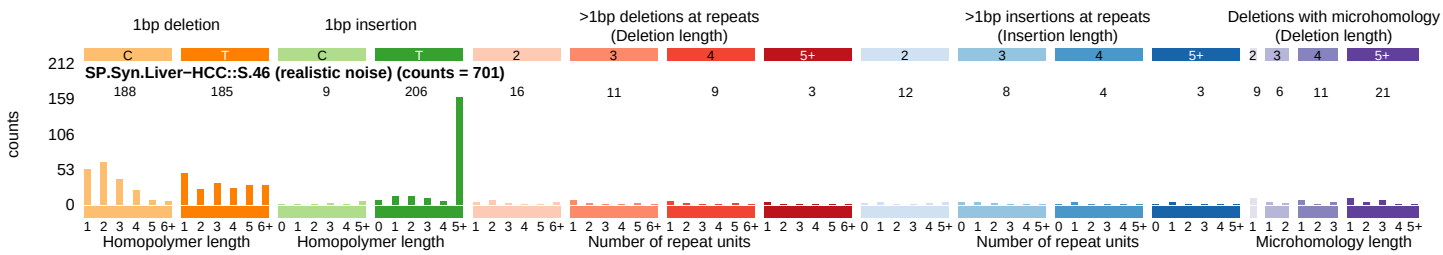
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.44 (realistic noise) (counts = 908)
294 183 43 158 38 14 5 52 10 2 2 7 11 7 4 78
counts
112 84 56 28 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion 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.45 (realistic noise) (counts = 845)
251 222 10 172 38 14 7 20 15 7 3 4 17 8 12 45
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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1bp insertion
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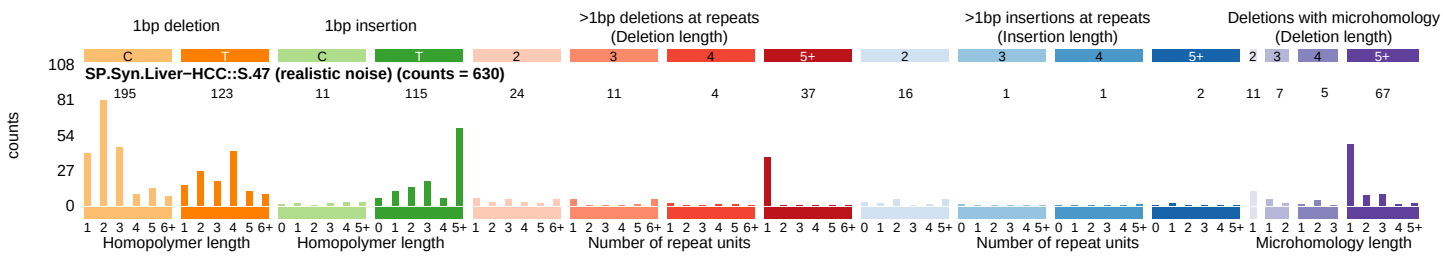
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.46 (realistic noise) (counts = 701)
188 185 9 206 16 11 9 3 12 8 4 3 9 6 11 21
counts
212 159 106 53 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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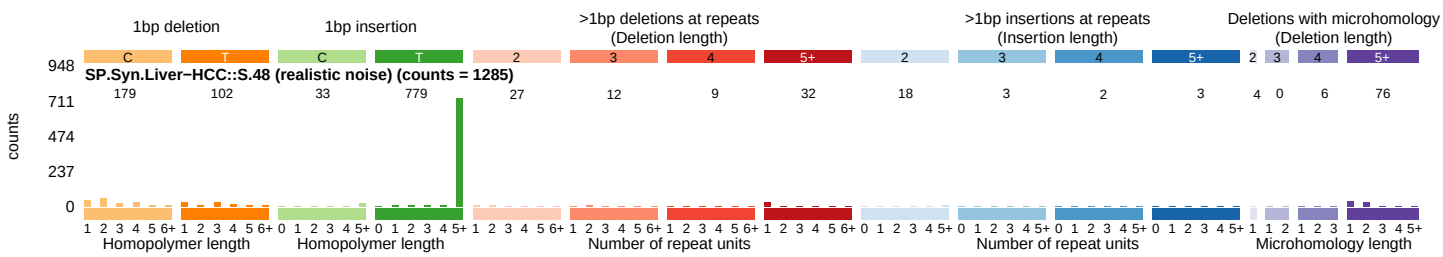
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.47 (realistic noise) (counts = 630)
195 123 11 115 24 11 4 37 16 1 1 2 11 7 5 67
counts
108 81 54 27 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 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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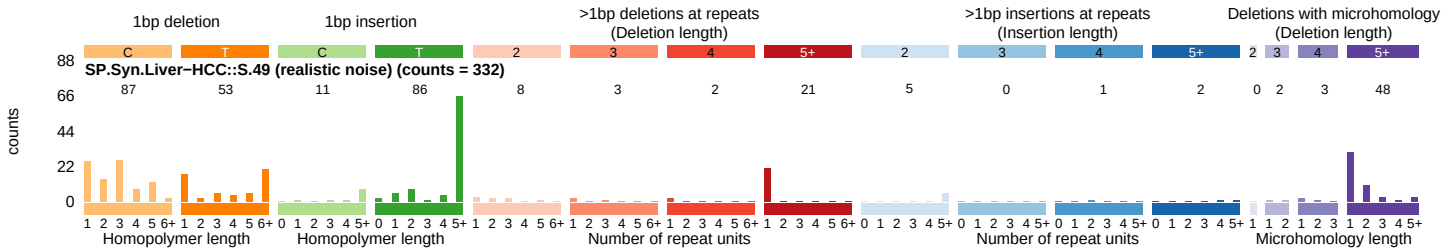
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.48 (realistic noise) (counts = 1285)
179 102 33 779 27 12 9 32 18 3 2 3 4 0 6 76
counts
948 711 474 237 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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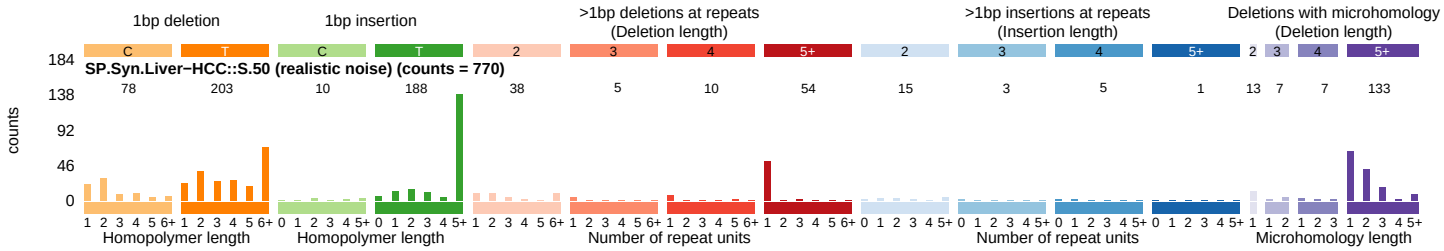
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.49 (realistic noise) (counts = 332)
87 53 11 86 8 3 2 21 5 0 1 2 0 2 3 48
counts
88 66 44 22 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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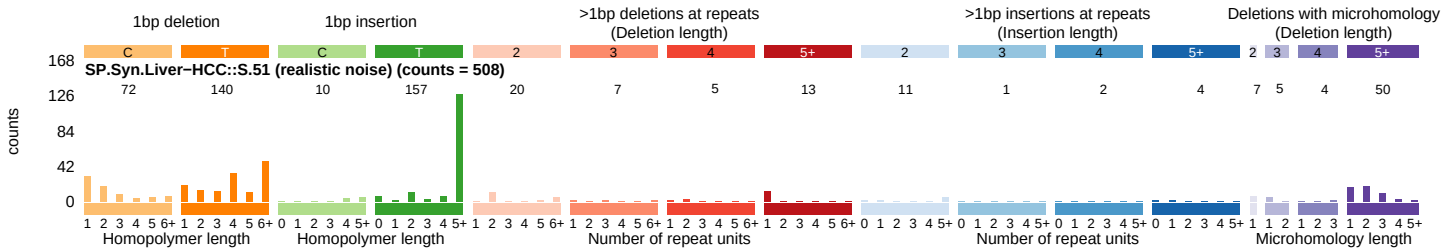
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.50 (realistic noise) (counts = 770)
78 203 10 188 38 5 10 54 15 3 5 1 13 7 7 133
counts
184 138 92 46 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 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)
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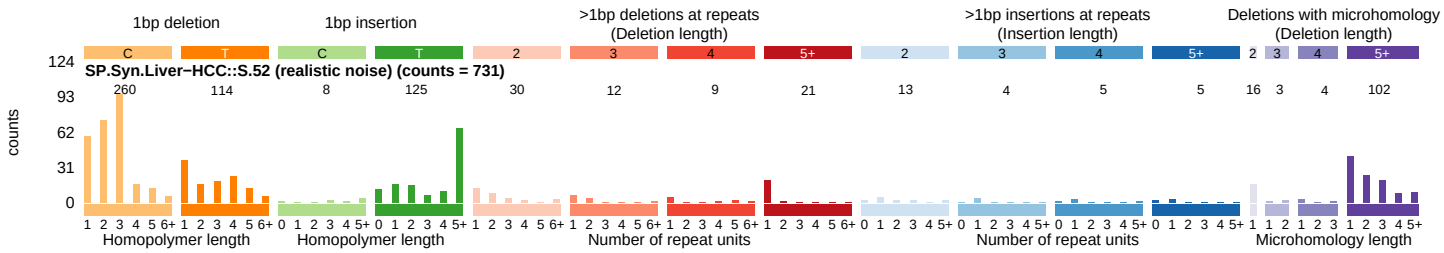
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.51 (realistic noise) (counts = 508)
72 140 10 157 20 7 5 13 11 1 2 4 7 5 4 50
counts
168 126 84 42 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 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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1bp insertion
>1bp deletions at repeats (Deletion length)
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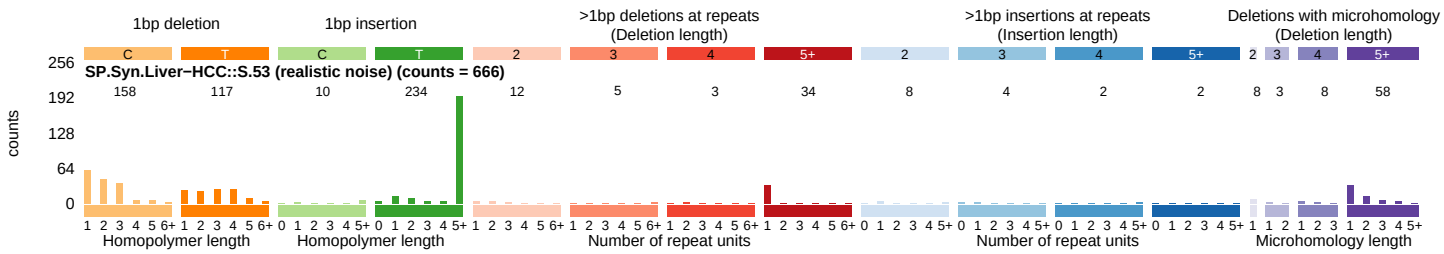
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.52 (realistic noise) (counts = 731)
260 114 8 125 30 12 9 21 13 4 5 5 16 3 4 102
counts
124 93 62 31 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 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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1bp insertion
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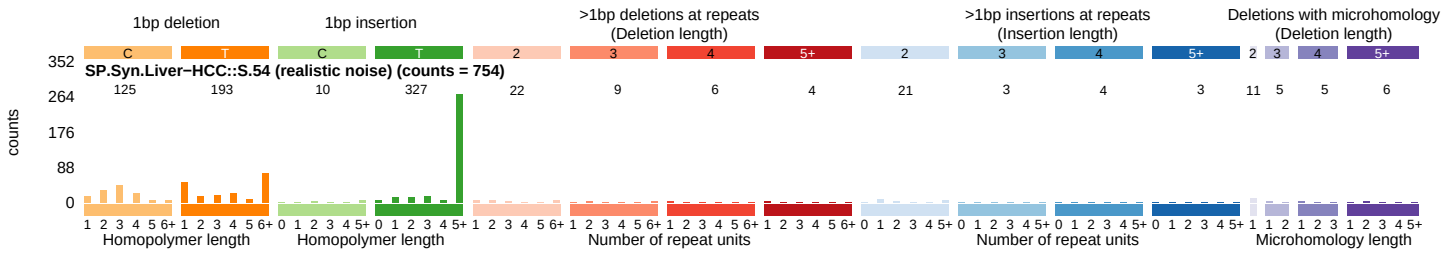
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.53 (realistic noise) (counts = 666)
158 117 10 234 12 5 3 34 8 4 2 2 8 3 8 58
counts
256 192 128 64 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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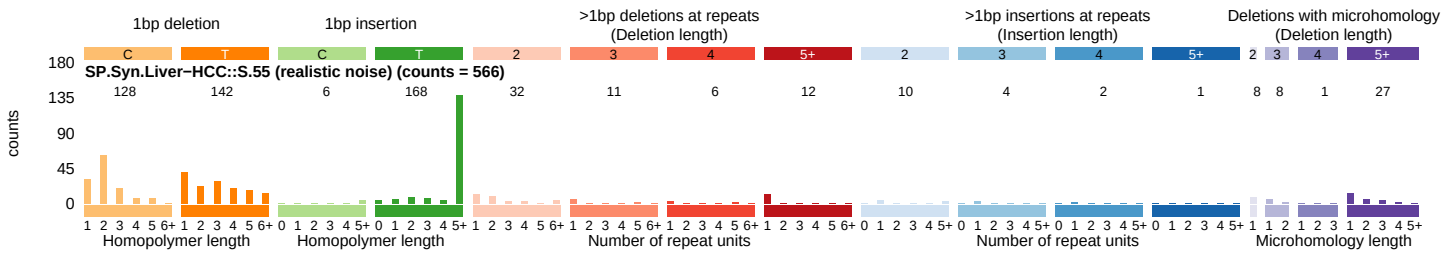
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.54 (realistic noise) (counts = 754)
125 193 10 327 22 9 6 4 21 3 4 3 11 5 5 6
counts
352 264 176 88 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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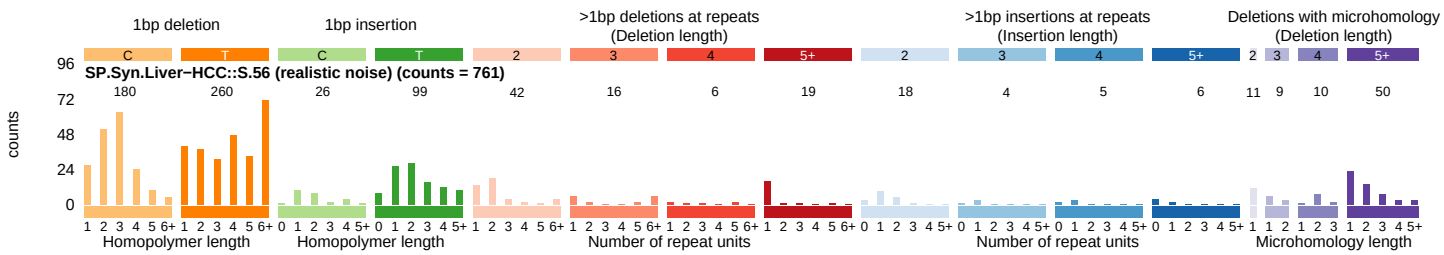
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.55 (realistic noise) (counts = 566)
128 142 6 168 32 11 6 12 10 4 2 1 8 8 1 27
counts
180 135 90 45 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 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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1bp insertion
>1bp deletions at repeats (Deletion length)
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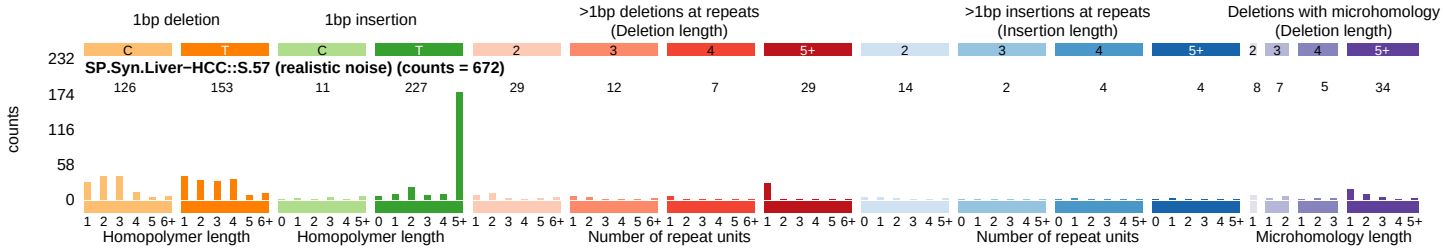
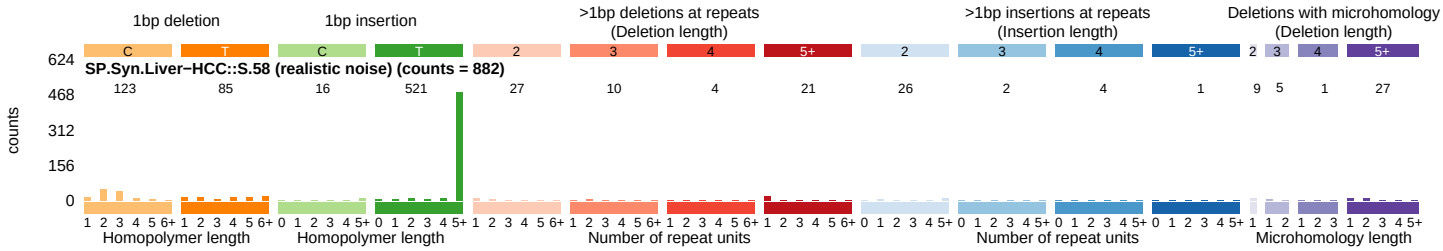
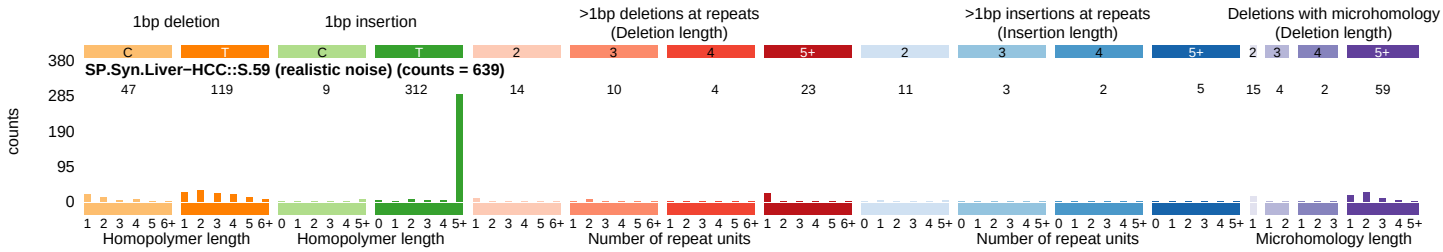
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.56 (realistic noise) (counts = 761)
180 260 26 99 42 16 6 19 18 4 5 6 11 9 10 50
counts
96 72 48 24 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 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.Liver−HCC::S.57 (realistic noise) (counts = 672)
126 153 11 227 29 12 7 29 14 2 4 4 8 7 5 34
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+ 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.58 (realistic noise) (counts = 882)
123 85 16 521 27 10 4 21 26 2 4 1 9 5 1 27
counts
624 468 312 156 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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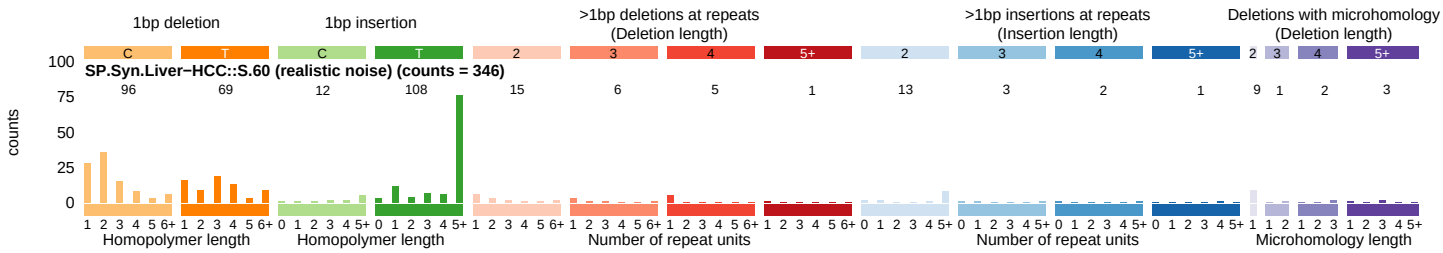
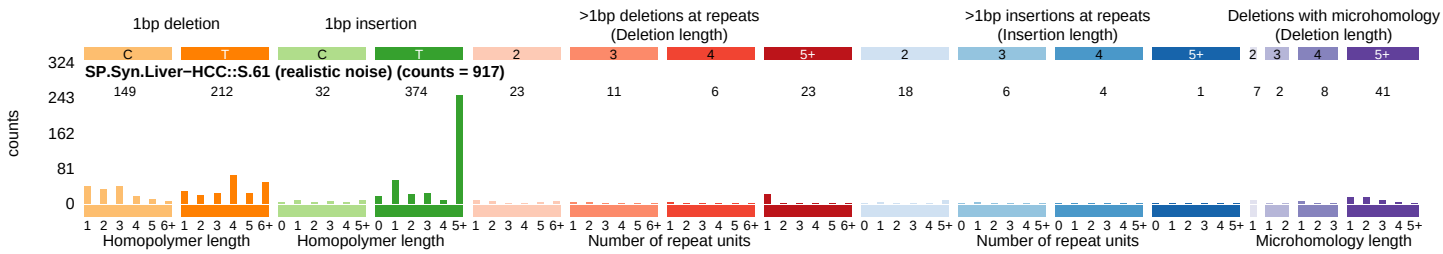
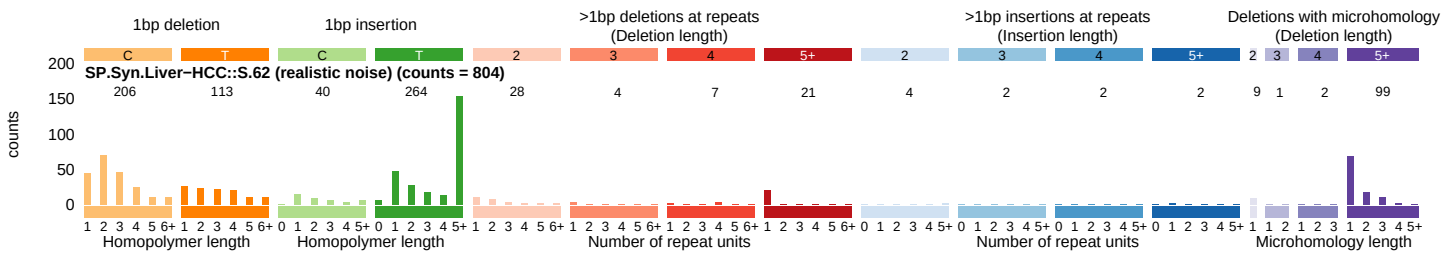
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.59 (realistic noise) (counts = 639)
47 119 9 312 14 10 4 23 11 3 2 5 15 4 2 59
counts
380 285 190 95 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 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.Liver−HCC::S.60 (realistic noise) (counts = 346)
96 69 12 108 15 6 5 1 13 3 2 1 9 1 2 3
counts
100 75 50 25 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 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.61 (realistic noise) (counts = 917)
149 212 32 374 23 11 6 23 18 6 4 1 7 2 8 41
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+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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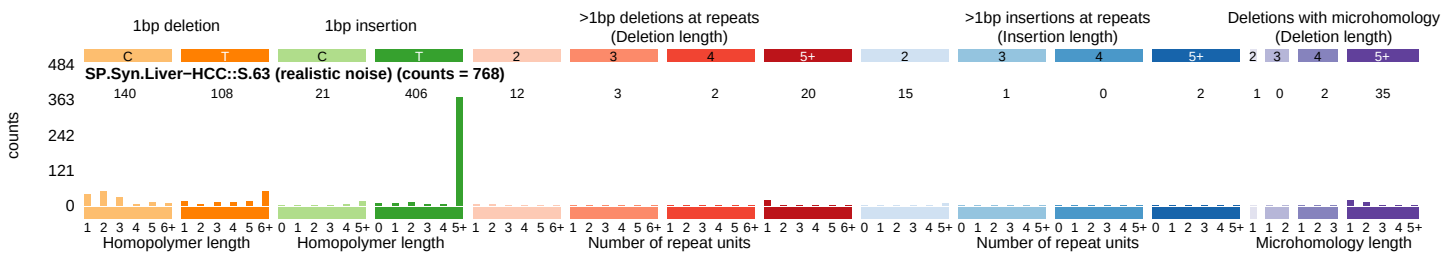
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.62 (realistic noise) (counts = 804)
206 113 40 264 28 4 7 21 4 2 2 2 9 1 2 99
counts
200 150 100 50 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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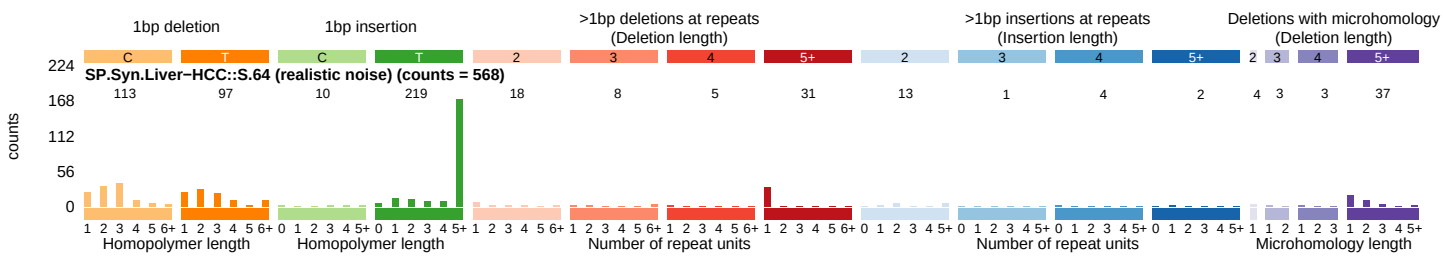
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.63 (realistic noise) (counts = 768)
140 108 21 406 12 3 2 20 15 1 0 2 1 0 2 35
counts
484 363 242 121 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 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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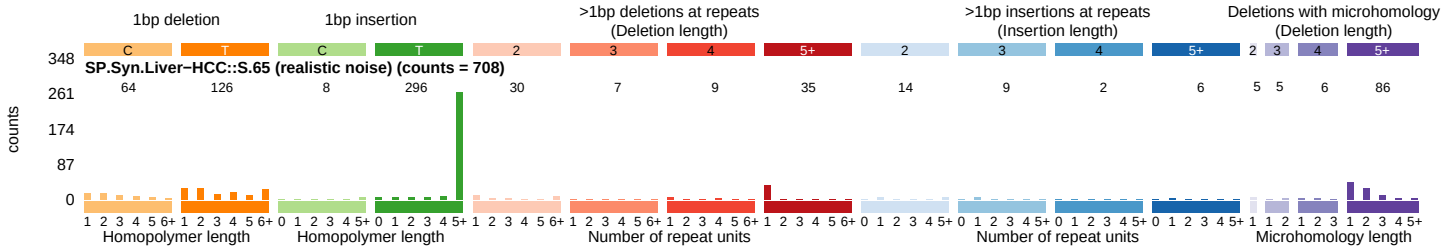
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.64 (realistic noise) (counts = 568)
113 97 10 219 18 8 5 31 13 1 4 2 4 3 3 37
counts
224 168 112 56 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 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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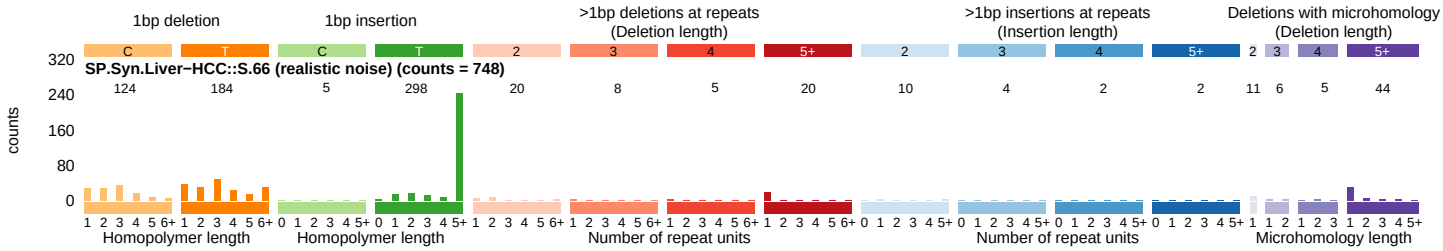
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.65 (realistic noise) (counts = 708)
counts
Homopolymer length
Number of repeat units
Microhomology length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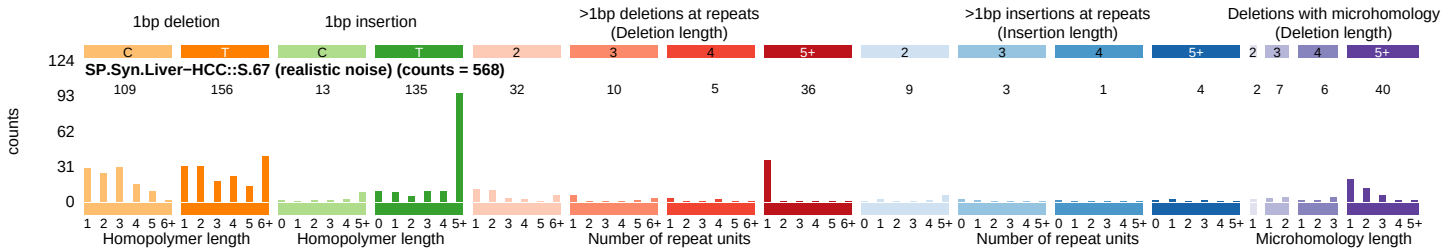
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.66 (realistic noise) (counts = 748)
counts
Homopolymer length
Number of repeat units
Microhomology length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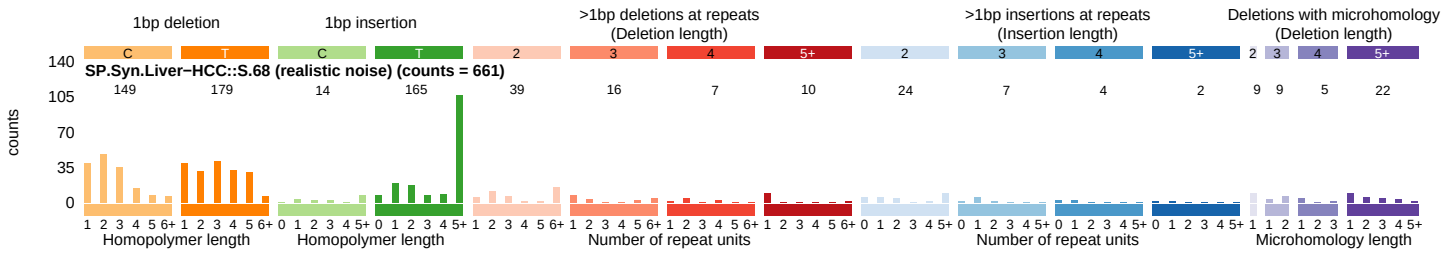
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.67 (realistic noise) (counts = 568)
counts
Homopolymer length
Number of repeat units
Microhomology length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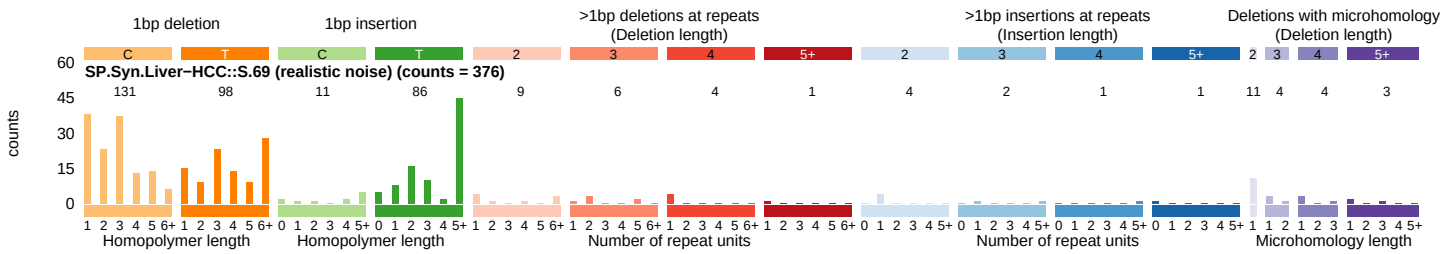
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.68 (realistic noise) (counts = 661)
counts
Homopolymer length
Number of repeat units
Microhomology length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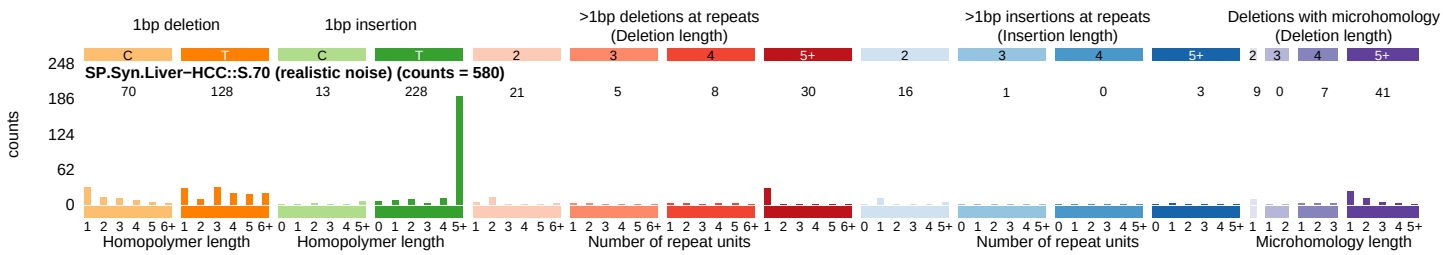
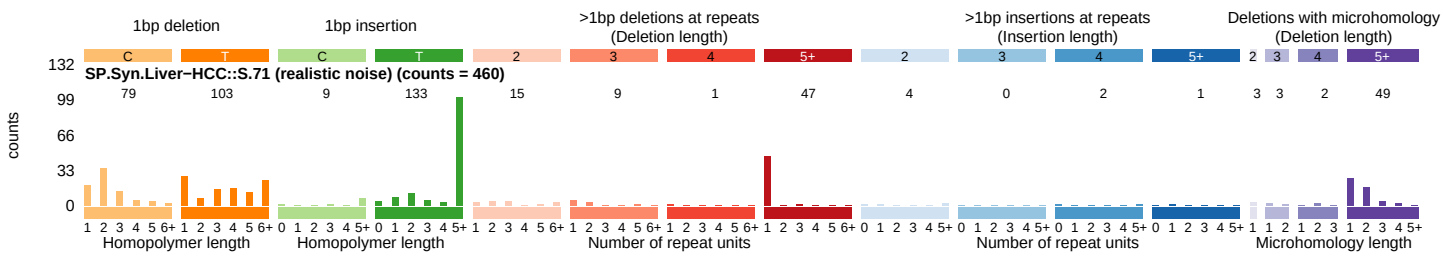
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.69 (realistic noise) (counts = 376)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.70 (realistic noise) (counts = 580)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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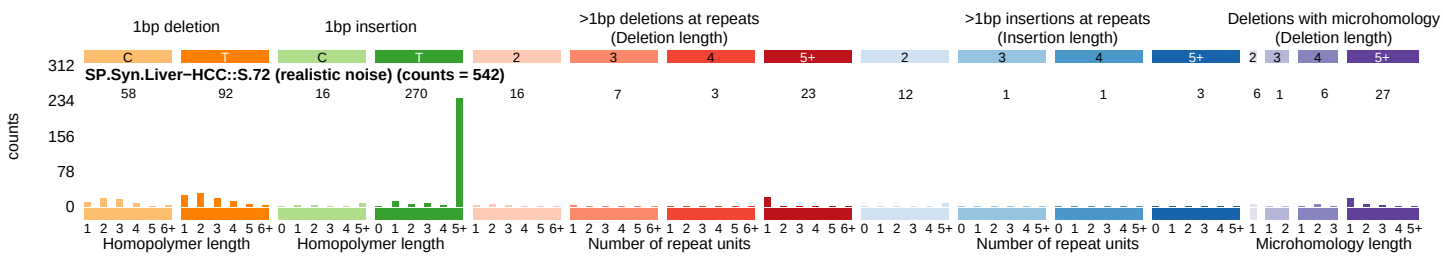
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.71 (realistic noise) (counts = 460)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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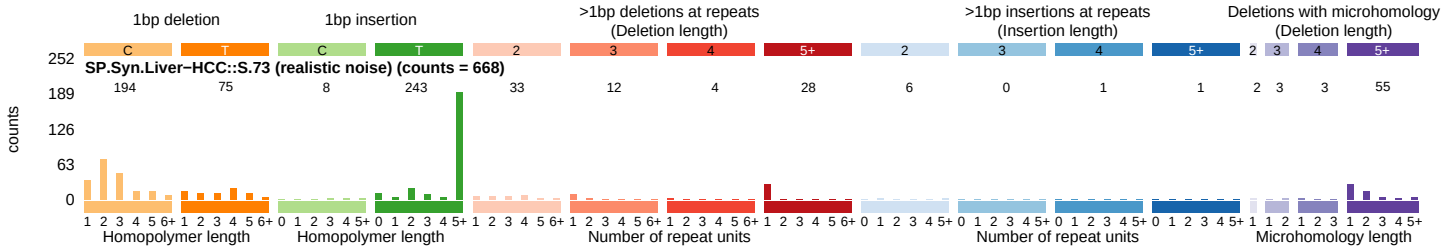
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.72 (realistic noise) (counts = 542)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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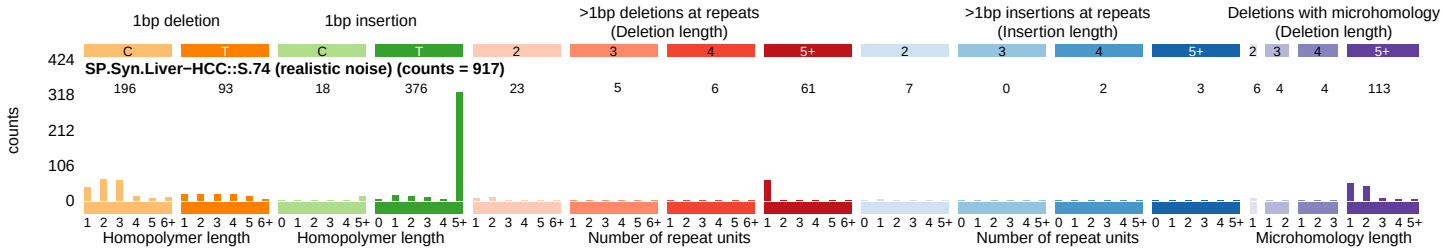
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.73 (realistic noise) (counts = 668)
194 75 8 243 33 12 4 28 6 0 1 1 2 3 3 55
counts
Homopolymer length
Number of repeat units
Microhomology length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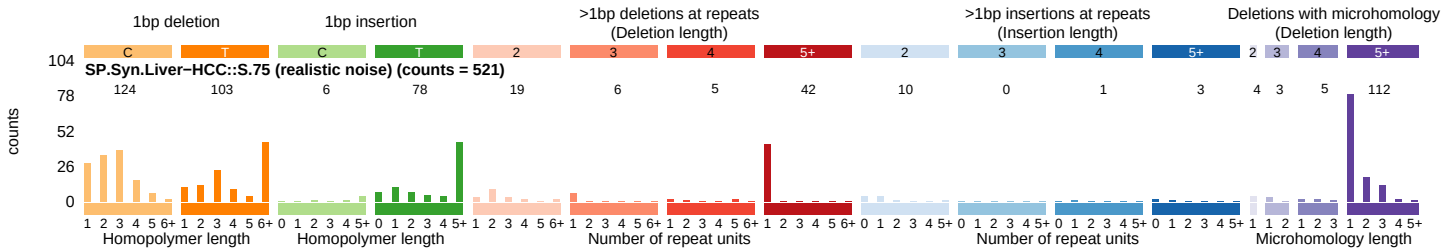
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.74 (realistic noise) (counts = 917)
196 93 18 376 23 5 6 61 7 0 2 3 6 4 4 113
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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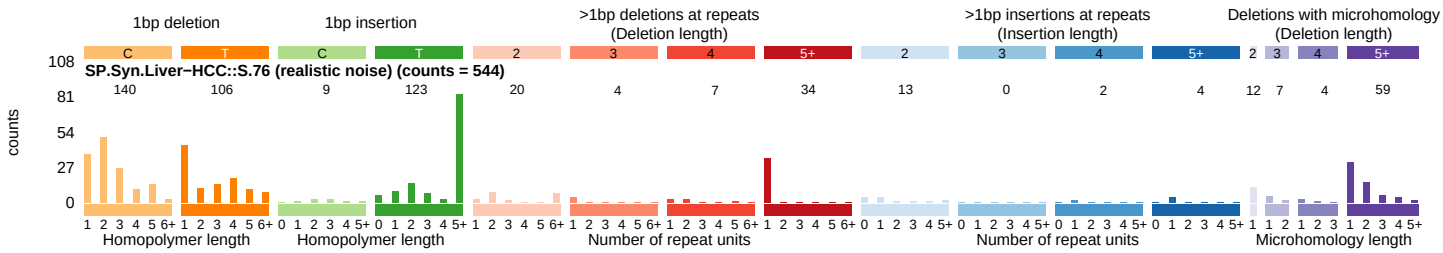
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.75 (realistic noise) (counts = 521)
124 103 6 78 19 6 5 42 10 0 1 3 4 3 5 112
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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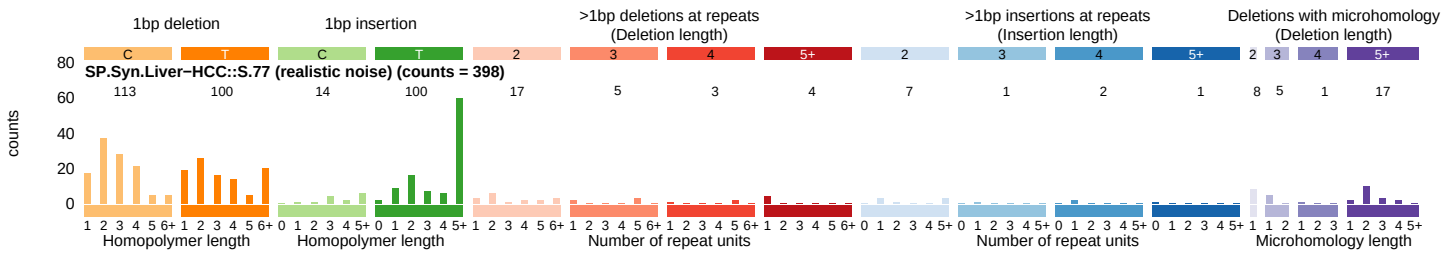
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.76 (realistic noise) (counts = 544)
140 106 9 123 20 4 7 34 13 0 2 4 12 7 4 59
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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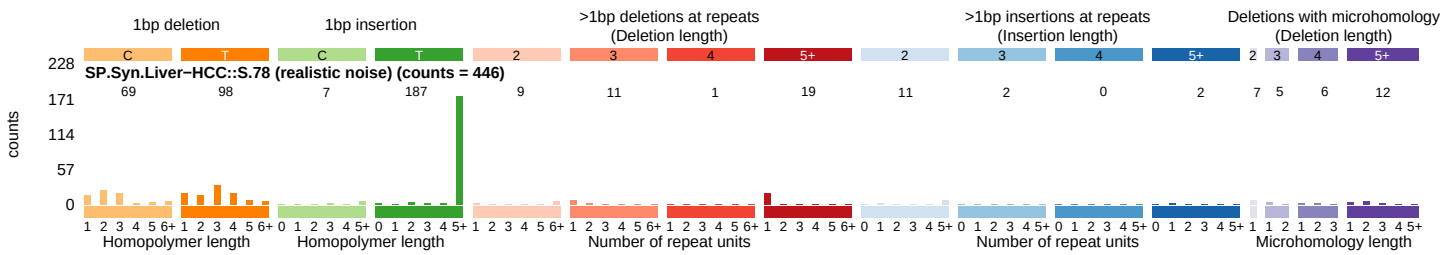
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.77 (realistic noise) (counts = 398)
113 100 14 100 17 5 3 4 7 1 2 1 8 5 1 17
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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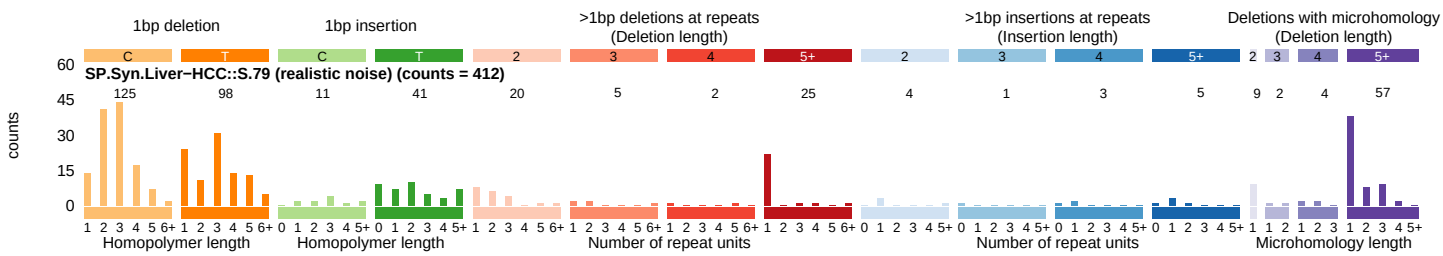
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.78 (realistic noise) (counts = 446)
69 98 7 187 9 11 1 19 11 2 0 2 7 5 6 12
counts
Homopolymer length
Number of repeat units
Microhomology length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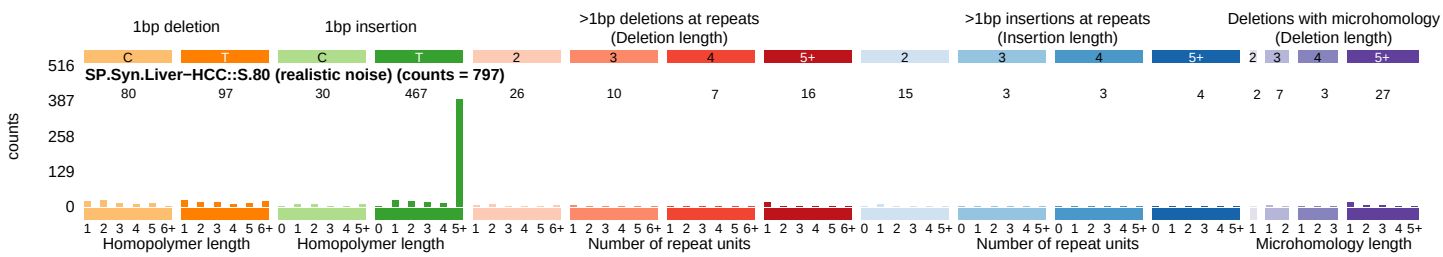
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.79 (realistic noise) (counts = 412)
125 98 11 41 20 5 2 25 4 1 3 5 9 2 4 57
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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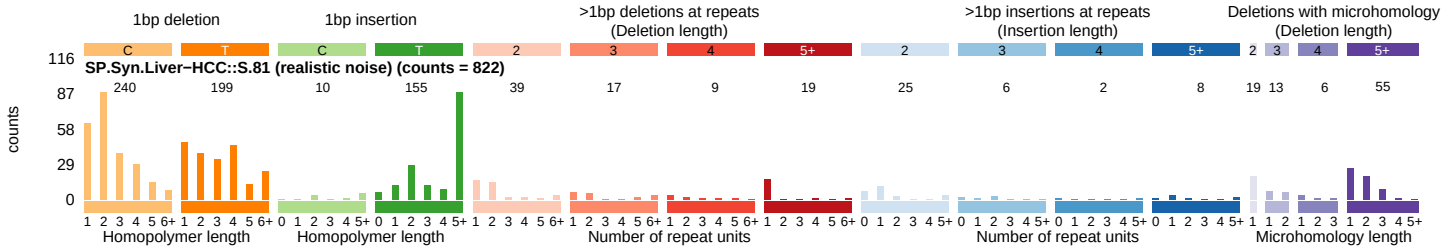
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.80 (realistic noise) (counts = 797)
80 97 30 467 26 10 7 16 15 3 3 4 2 7 3 27
counts
Homopolymer length
Number of repeat units
Microhomology length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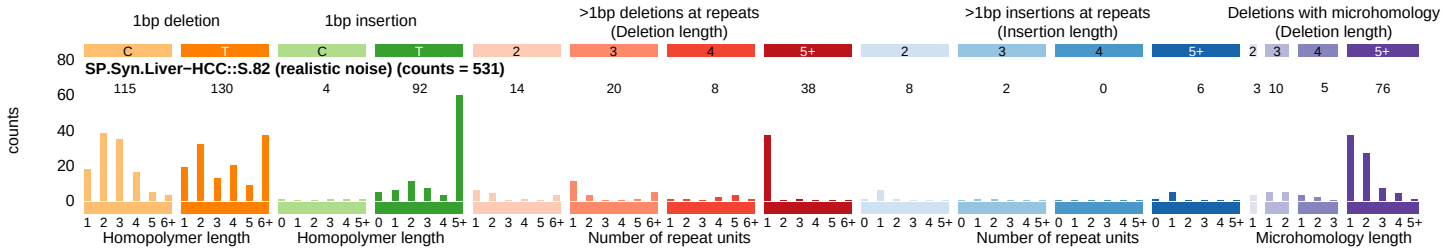
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.81 (realistic noise) (counts = 822)
240 199 10 155 39 17 9 19 25 6 2 8 19 13 6 55
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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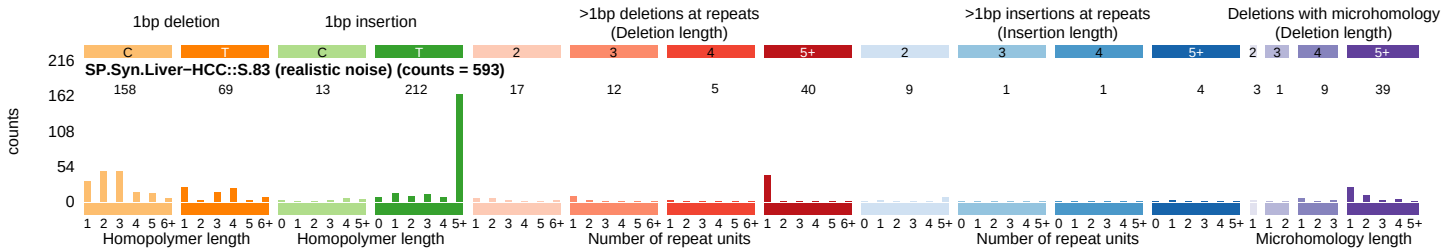
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.82 (realistic noise) (counts = 531)
115 130 4 92 14 20 8 38 8 2 0 6 3 10 5 76
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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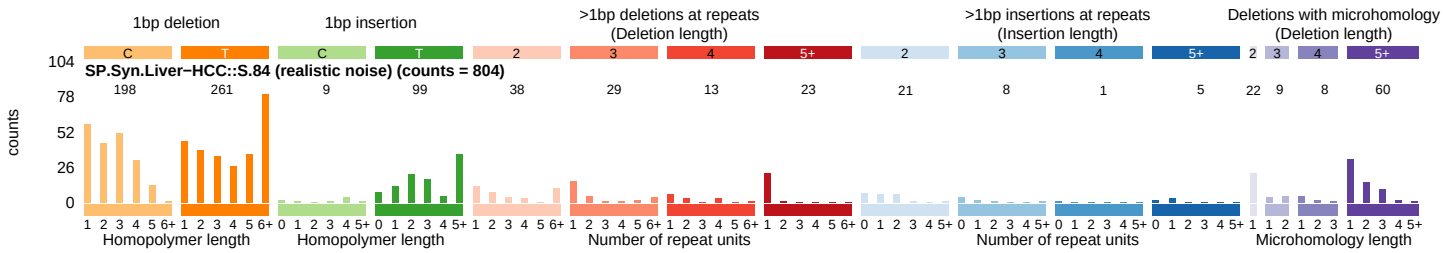
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.83 (realistic noise) (counts = 593)
158 69 13 212 17 12 5 40 9 1 1 4 3 1 9 39
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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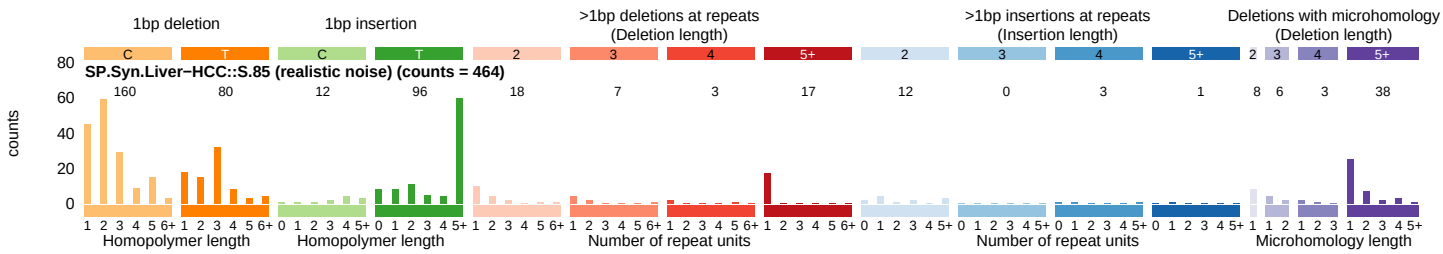
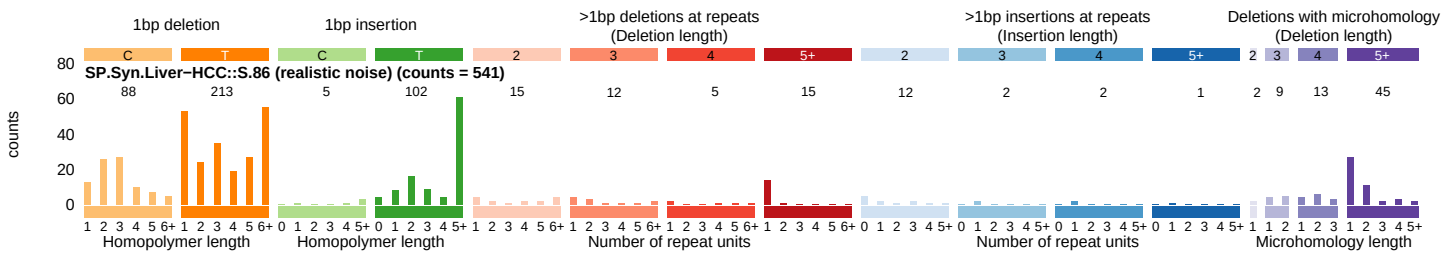
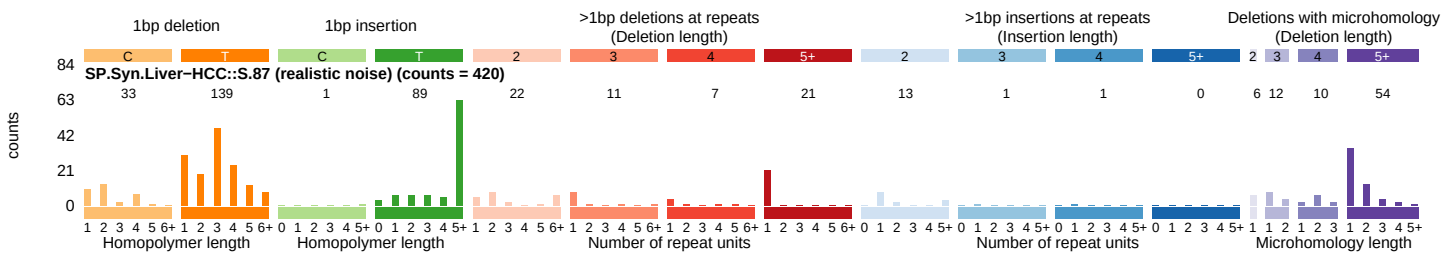
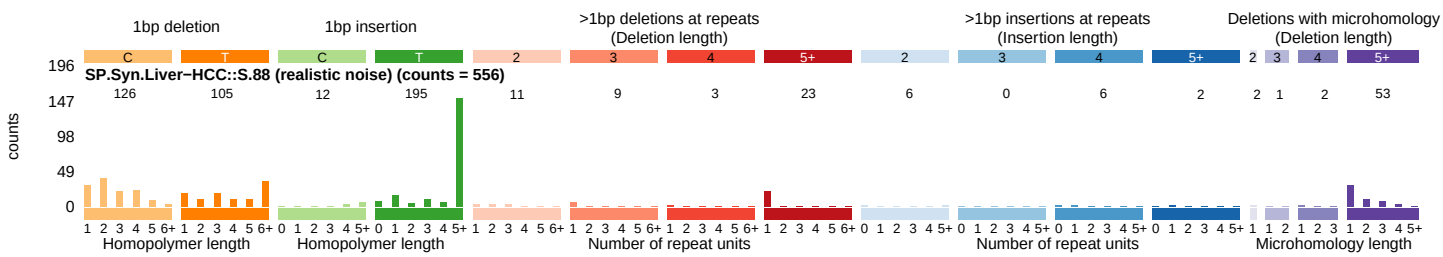
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.84 (realistic noise) (counts = 804)
198 261 9 99 38 29 13 23 21 8 1 5 22 9 8 60
counts
Homopolymer length
Number of repeat units
Microhomology length


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.85 (realistic noise) (counts = 464)
160 80 12 96 18 7 3 17 12 0 3 1 8 6 3 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.86 (realistic noise) (counts = 541)
88 213 5 102 15 12 5 15 12 2 2 1 2 9 13 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.87 (realistic noise) (counts = 420)
33 139 1 89 22 11 7 21 13 1 1 0 6 12 10 54
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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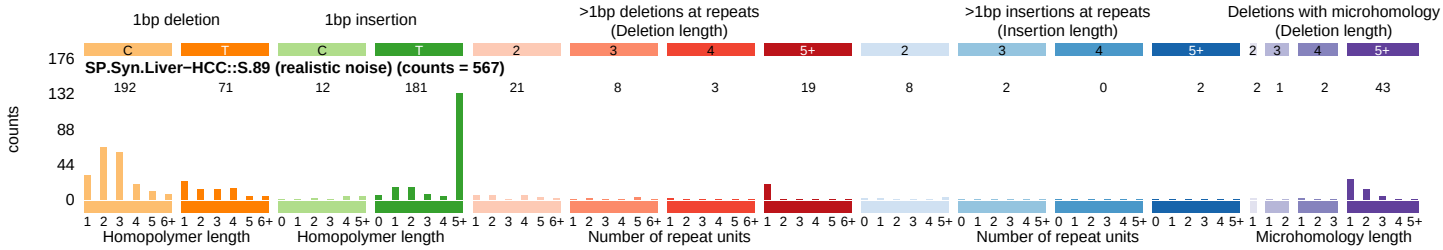
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.88 (realistic noise) (counts = 556)
126 105 12 195 11 9 3 23 6 0 6 2 2 1 2 53
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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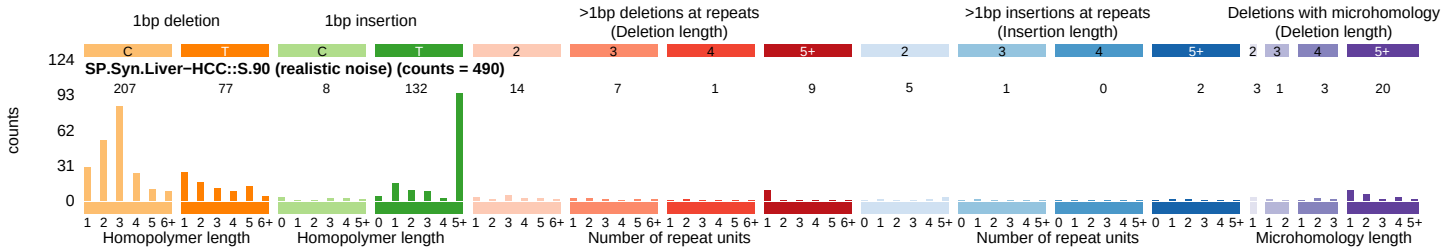
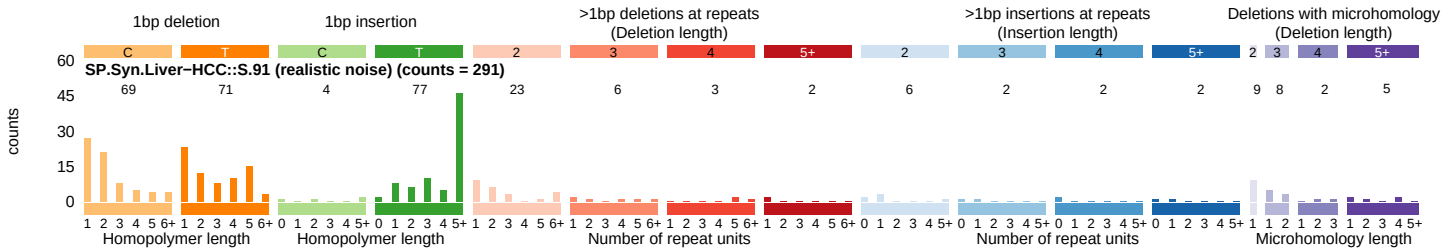
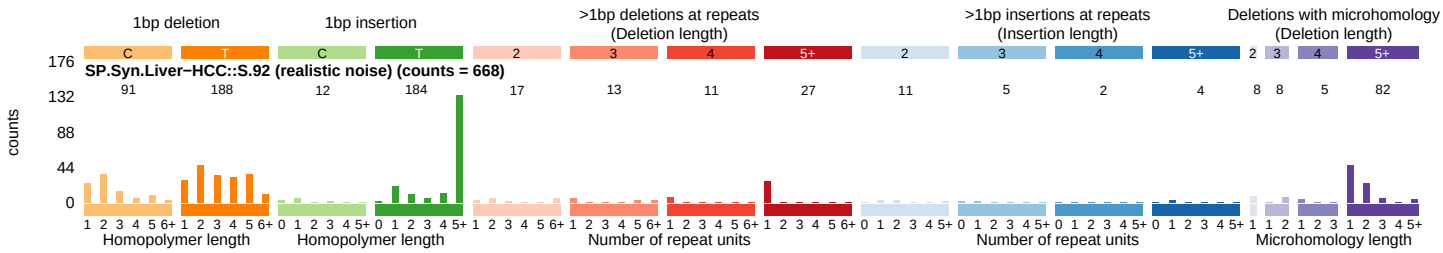
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.89 (realistic noise) (counts = 567)
192 71 12 181 21 8 3 19 8 2 0 2 2 1 2 43
counts
Homopolymer length
Number of repeat units
Microhomology length


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.90 (realistic noise) (counts = 490)
207 77 8 132 14 7 1 9 5 1 0 2 3 1 3 20
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.91 (realistic noise) (counts = 291)
69 71 4 77 23 6 3 2 6 2 2 2 9 8 2 5
counts
Homopolymer length
Number of repeat units
Microhomology length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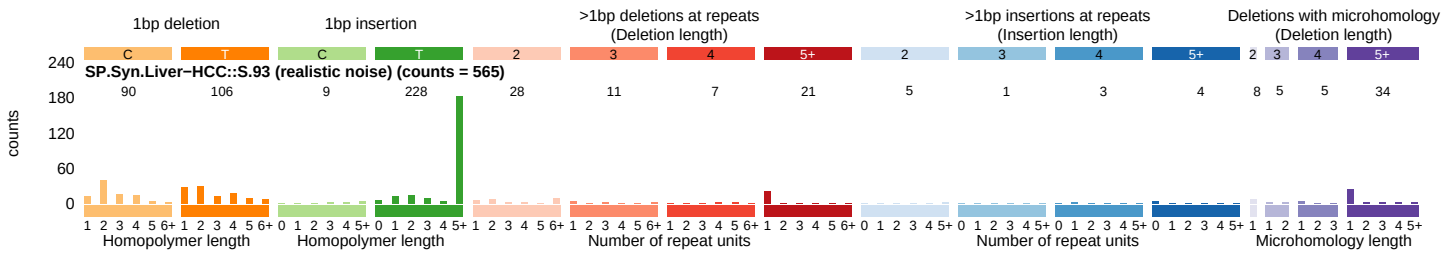
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.92 (realistic noise) (counts = 668)
91 188 12 184 17 13 11 27 11 5 2 4 8 8 5 82
counts
Homopolymer length
Number of repeat units
Microhomology length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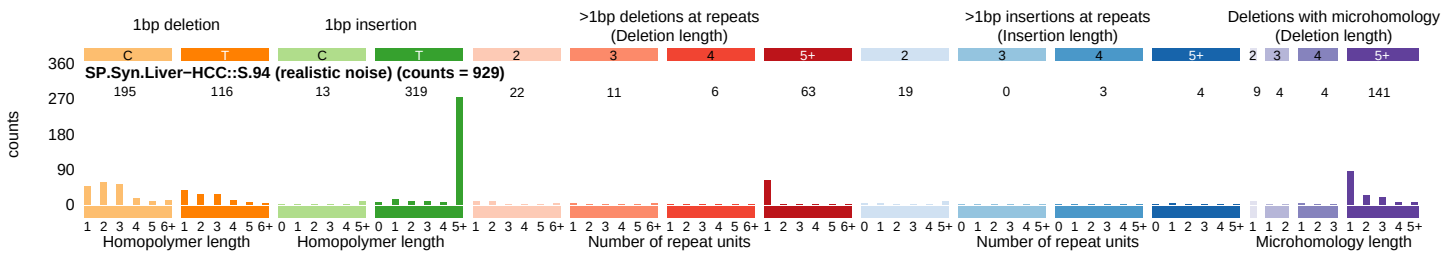
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.93 (realistic noise) (counts = 565)
90 106 9 228 28 11 7 21 5 1 3 4 8 5 5 34
counts
Homopolymer length
Number of repeat units
Microhomology length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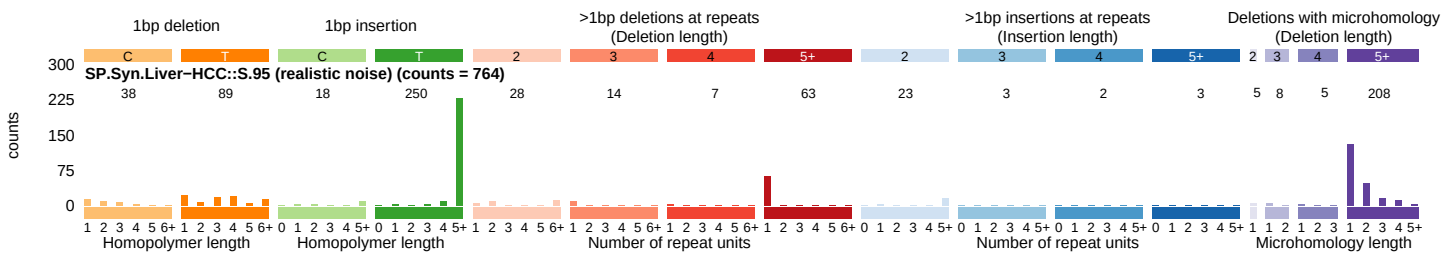
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.94 (realistic noise) (counts = 929)
195 116 13 319 22 11 6 63 19 0 3 4 9 4 4 141
counts
Homopolymer length
Number of repeat units
Microhomology length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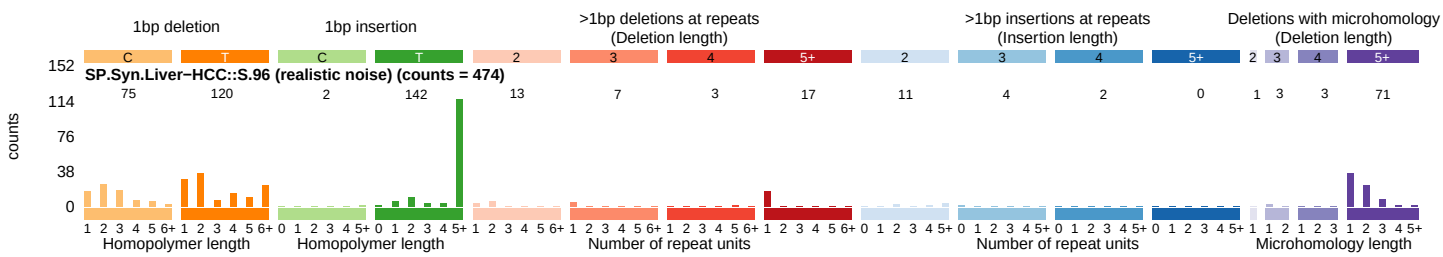
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.95 (realistic noise) (counts = 764)
38 89 18 250 28 14 7 63 23 3 2 3 5 8 5 208
counts
Homopolymer length
Number of repeat units
Microhomology length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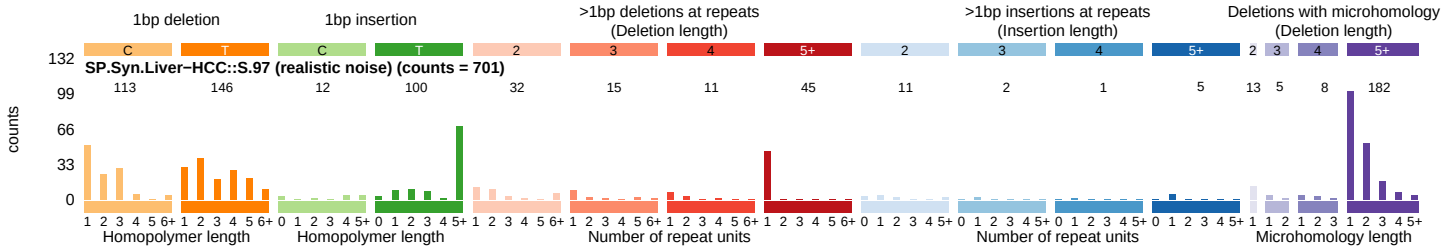
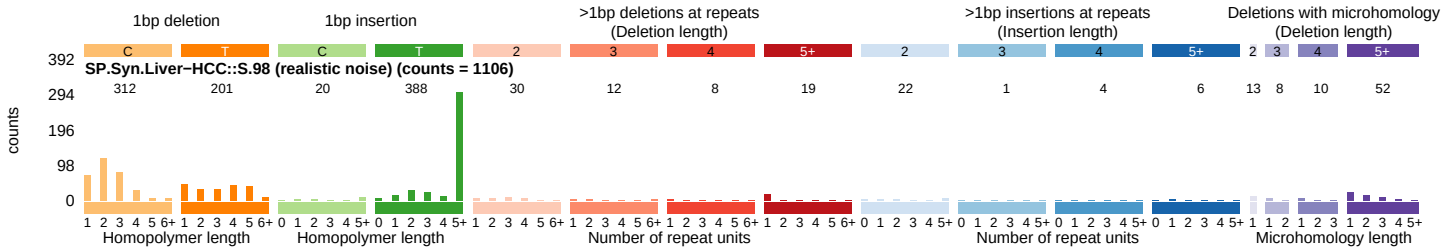
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.96 (realistic noise) (counts = 474)
75 120 2 142 13 7 3 17 11 4 2 0 1 3 3 71
counts
Homopolymer length
Number of repeat units
Microhomology length


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.97 (realistic noise) (counts = 701)
113 146 12 100 32 15 11 45 11 2 1 5 13 5 8 182
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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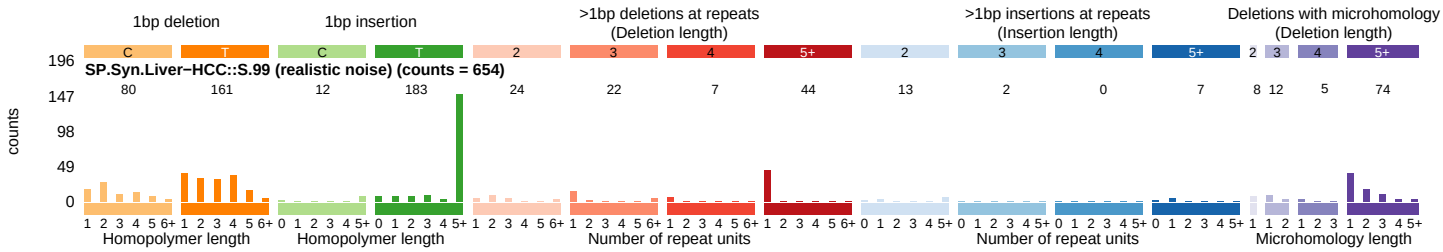
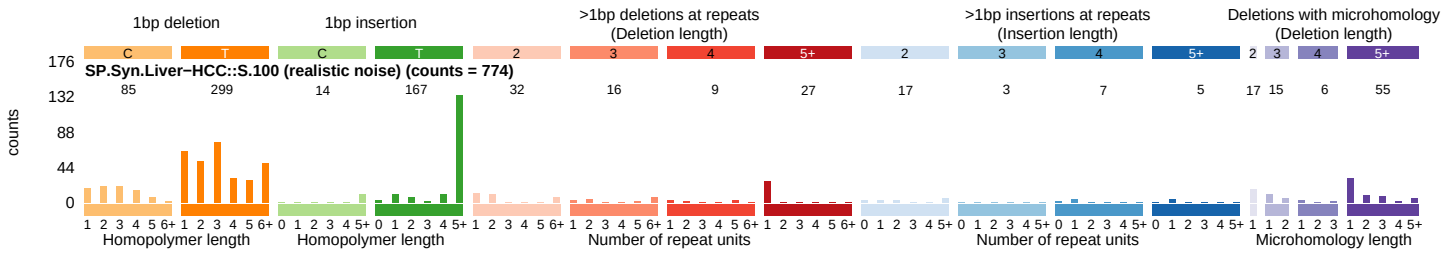
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.98 (realistic noise) (counts = 1106)
312 201 20 388 30 12 8 19 22 1 4 6 13 8 10 52
counts
Homopolymer length
Number of repeat units
Microhomology length


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.99 (realistic noise) (counts = 654)
80 161 12 183 24 22 7 44 13 2 0 7 8 12 5 74
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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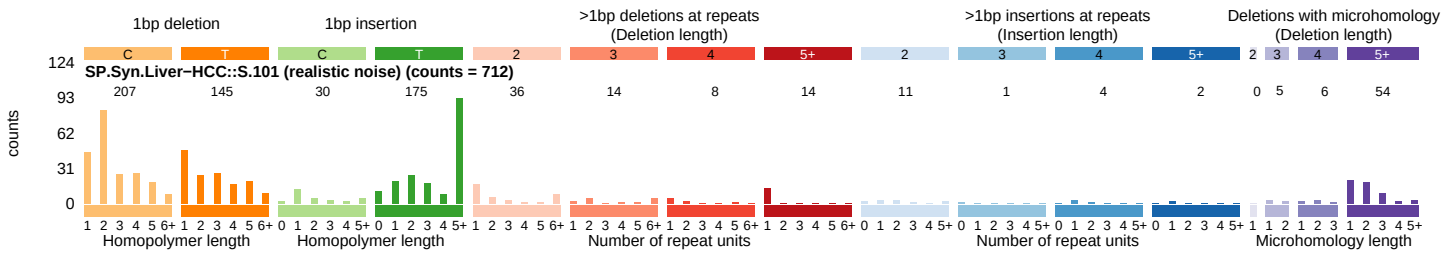
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.100 (realistic noise) (counts = 774)
85 299 14 167 32 16 9 27 17 3 7 5 17 15 6 55
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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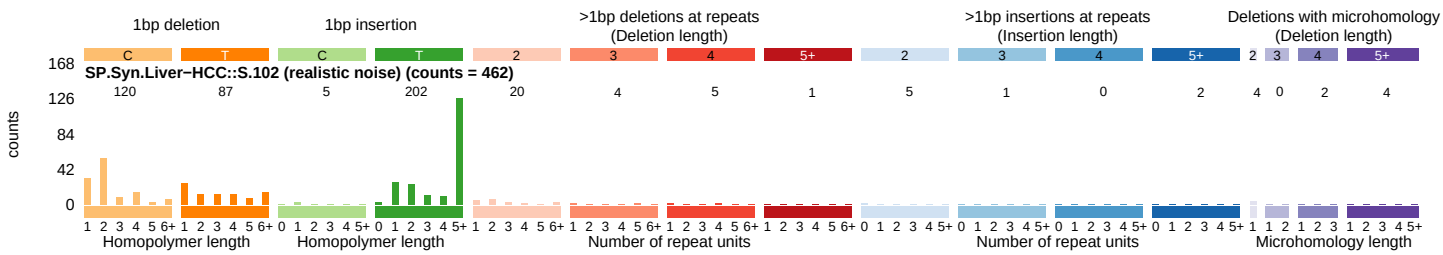
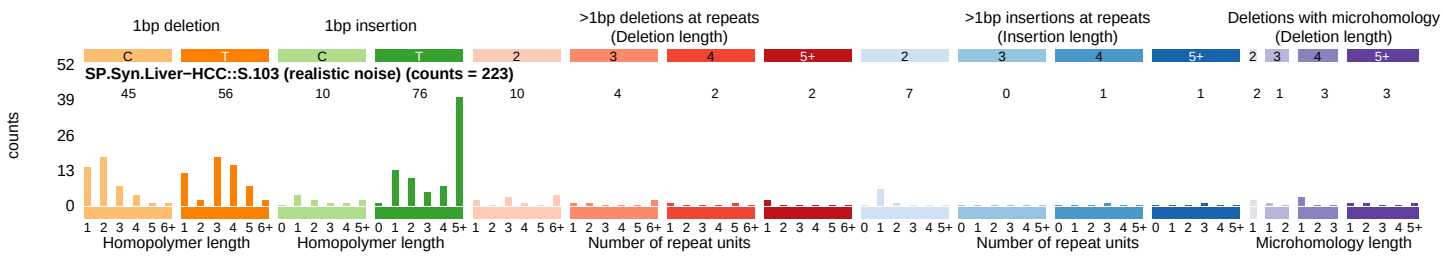
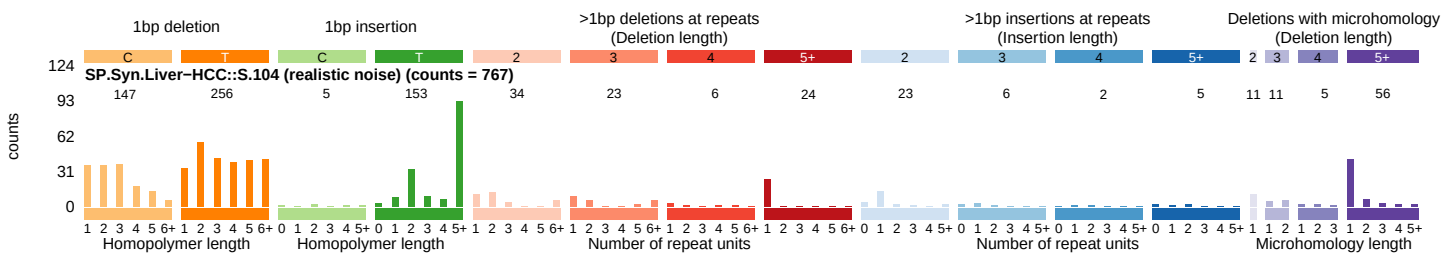
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.101 (realistic noise) (counts = 712)
207 145 30 175 36 14 8 14 11 1 4 2 0 5 6 54
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.102 (realistic noise) (counts = 462)
120 87 5 202 20 4 5 1 5 1 0 2 4 0 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.Liver−HCC::S.103 (realistic noise) (counts = 223)
45 56 10 76 10 4 2 2 7 0 1 1 2 1 3 3
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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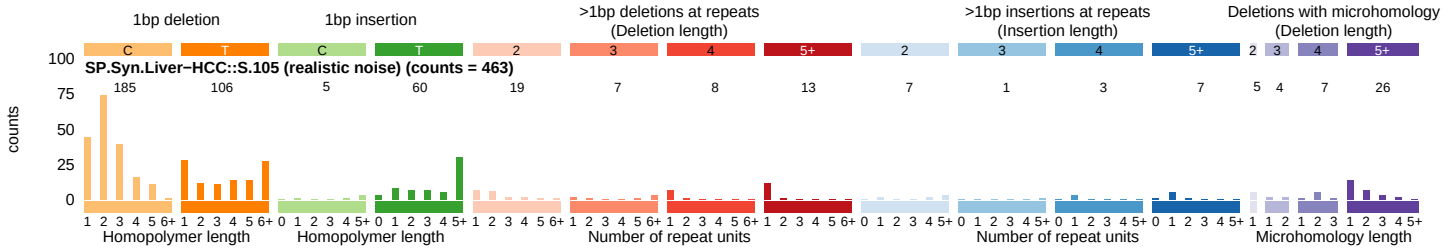
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.104 (realistic noise) (counts = 767)
147 256 5 153 34 23 6 24 23 6 2 5 11 11 5 56
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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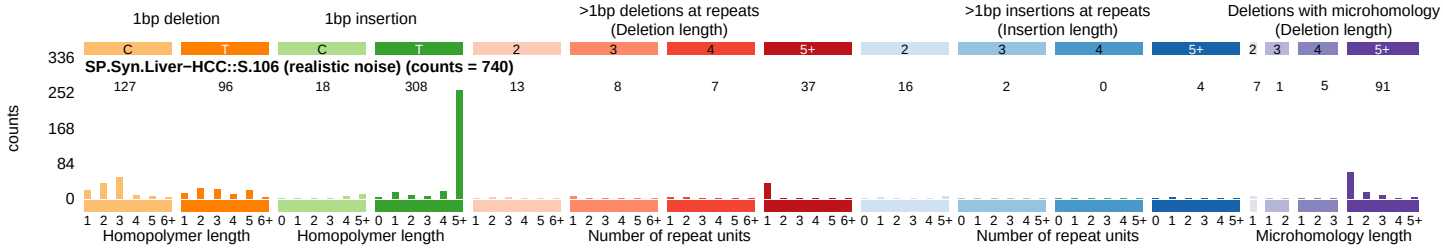
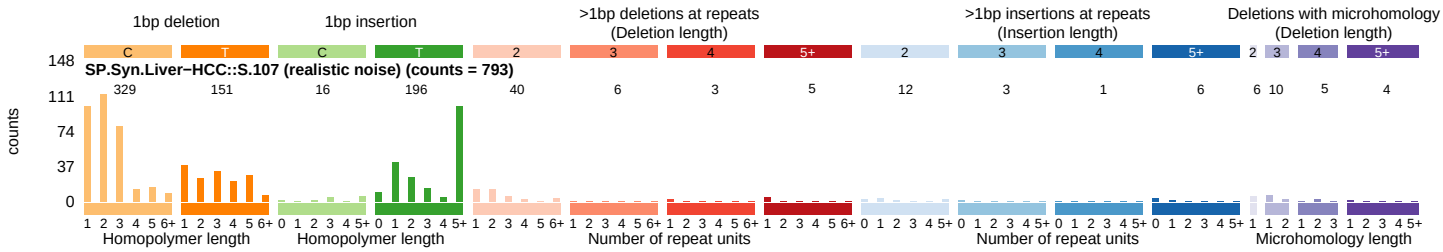
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.105 (realistic noise) (counts = 463)
185 106 5 60 19 7 8 13 7 1 3 7 5 4 7 26
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


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.Liver−HCC::S.106 (realistic noise) (counts = 740)
127 96 18 308 13 8 7 37 16 2 0 4 7 1 5 91
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)
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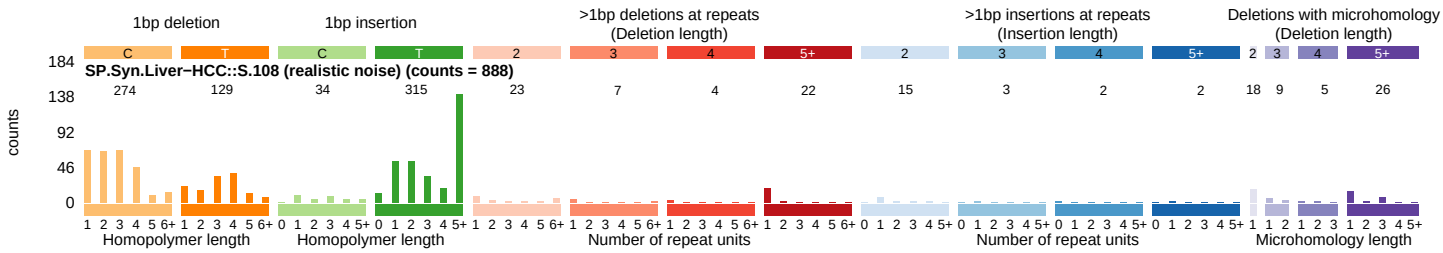
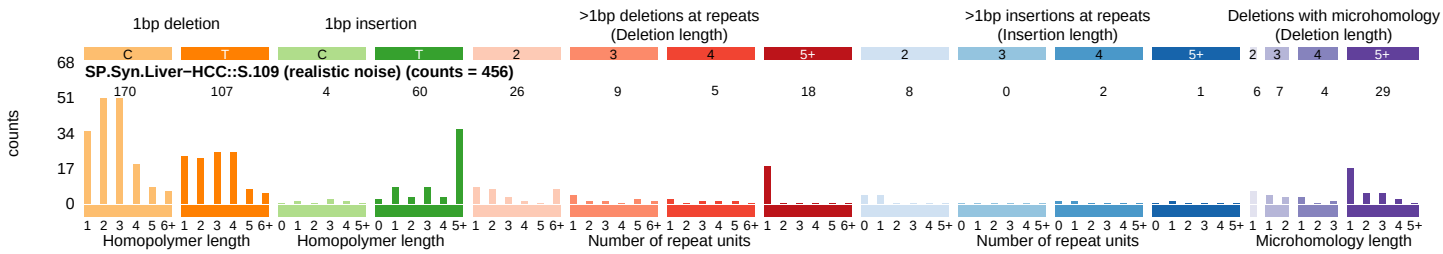
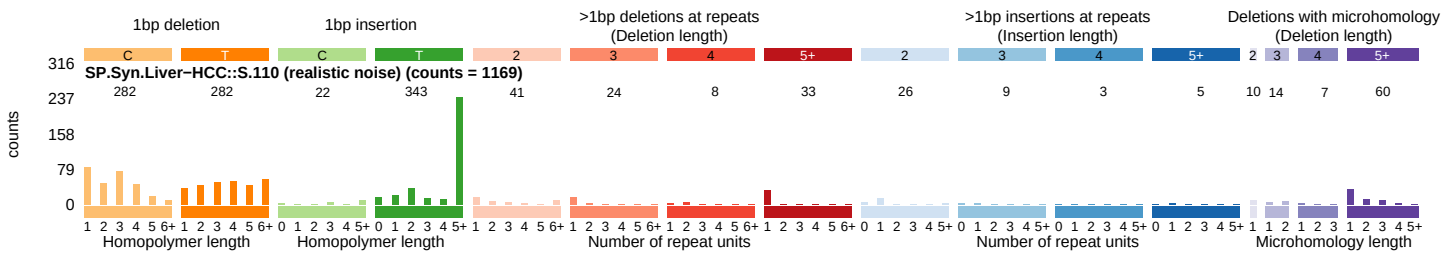
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.107 (realistic noise) (counts = 793)
329 151 16 196 40 6 3 5 12 3 1 6 6 10 5 4
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


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.Liver−HCC::S.108 (realistic noise) (counts = 888)
274 129 34 315 23 7 4 22 15 3 2 2 18 9 5 26
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.Liver−HCC::S.109 (realistic noise) (counts = 456)
170 107 4 60 26 9 5 18 8 0 2 1 6 7 4 29
counts
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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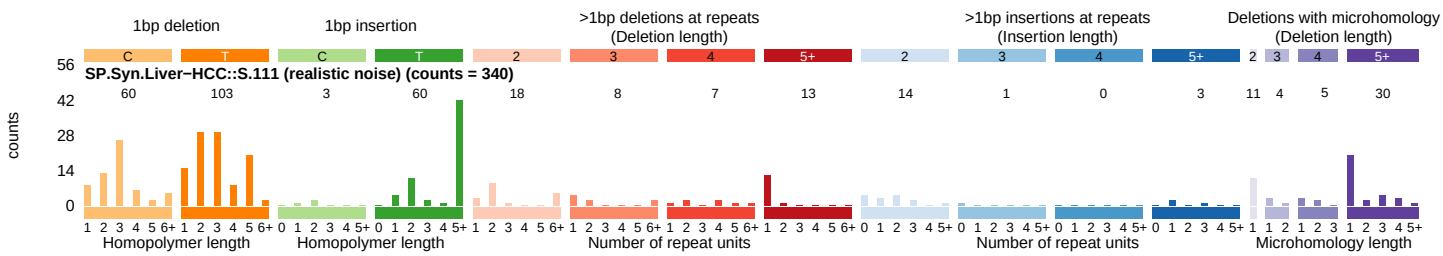
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.110 (realistic noise) (counts = 1169)
282 282 22 343 41 24 8 33 26 9 3 5 10 14 7 60
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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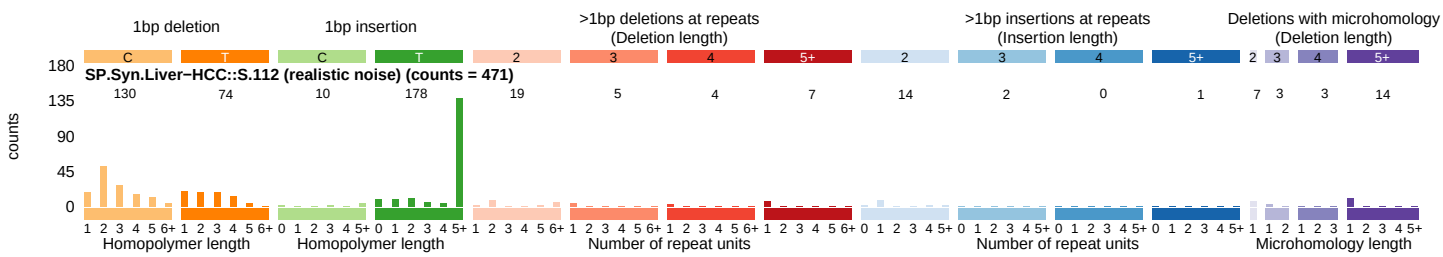
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.111 (realistic noise) (counts = 340)
60 103 3 60 18 8 7 13 14 1 0 3 11 4 5 30
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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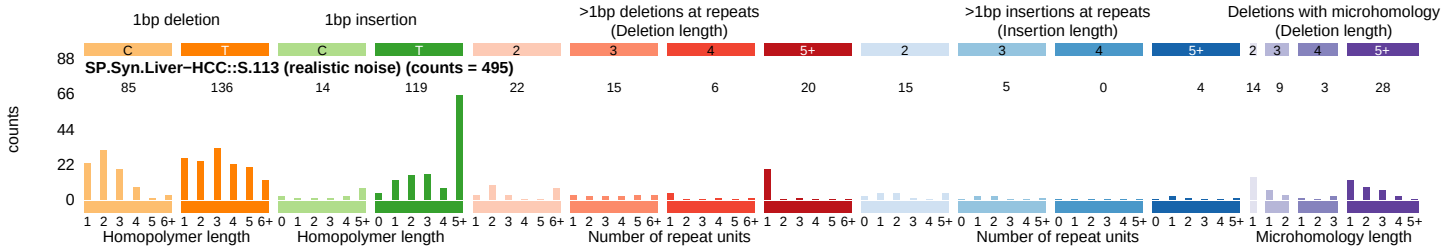
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.112 (realistic noise) (counts = 471)
130 74 10 178 19 5 4 7 14 2 0 1 7 3 3 14
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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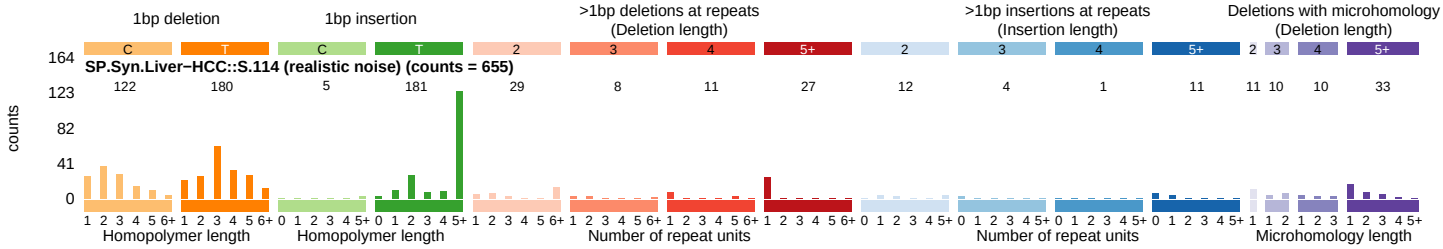
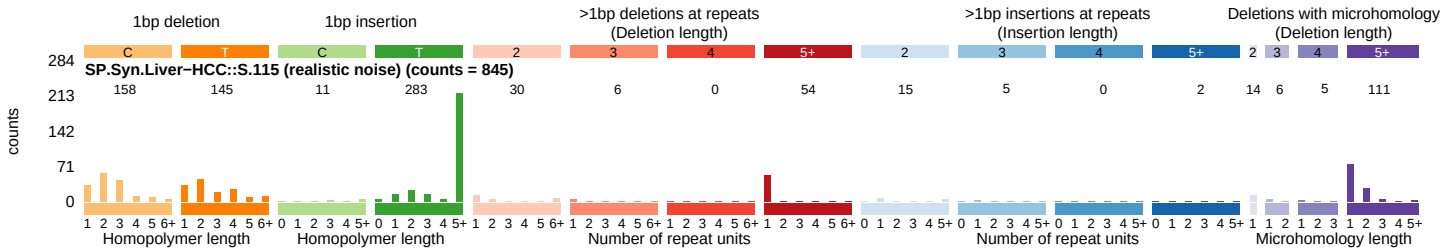
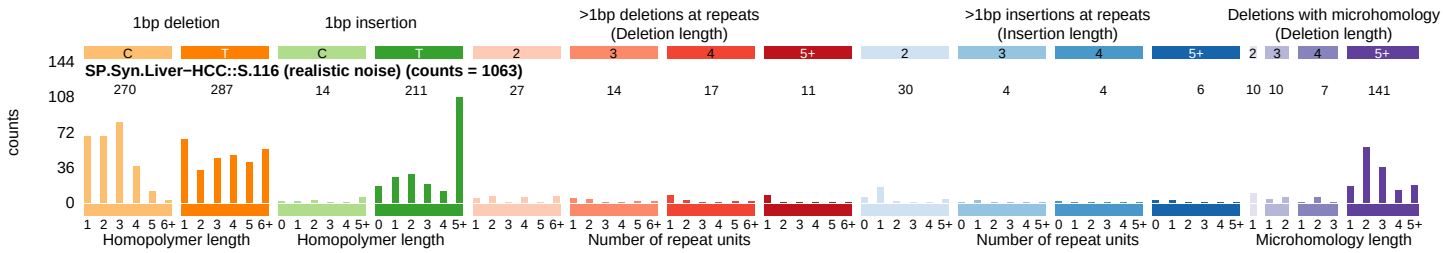
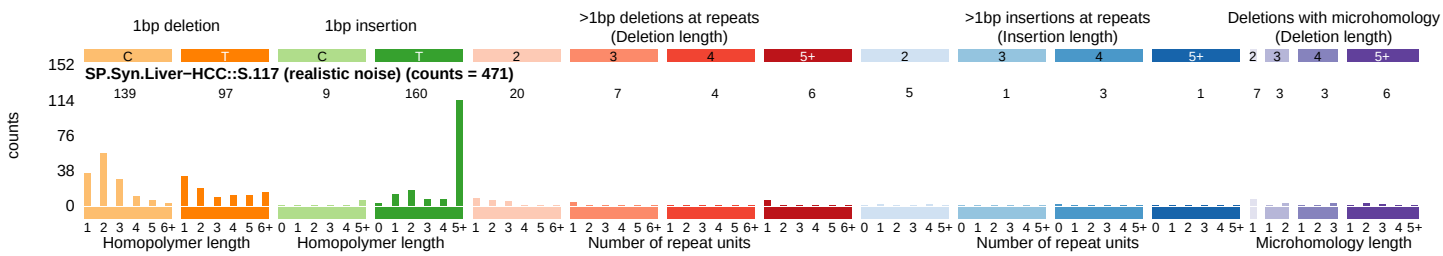
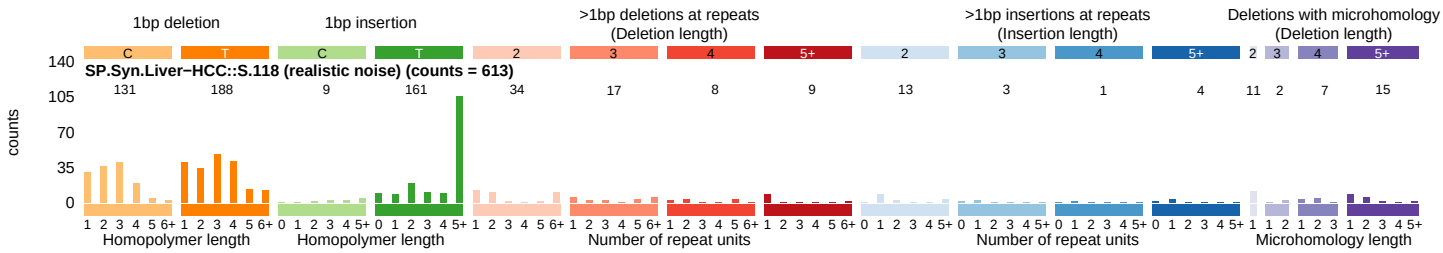
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.113 (realistic noise) (counts = 495)
85 136 14 119 22 15 6 20 15 5 0 4 14 9 3 28
counts
88 66 44 22 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 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

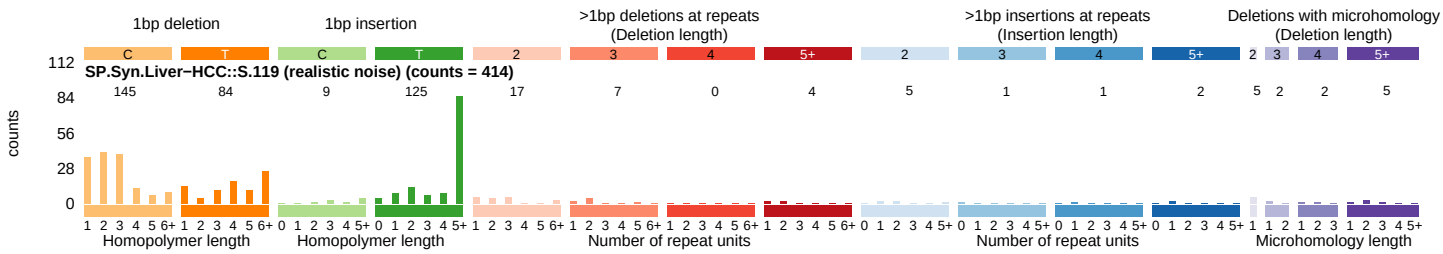

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.114 (realistic noise) (counts = 655)
122 180 5 181 29 8 11 27 12 4 1 11 11 10 10 33
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+ 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

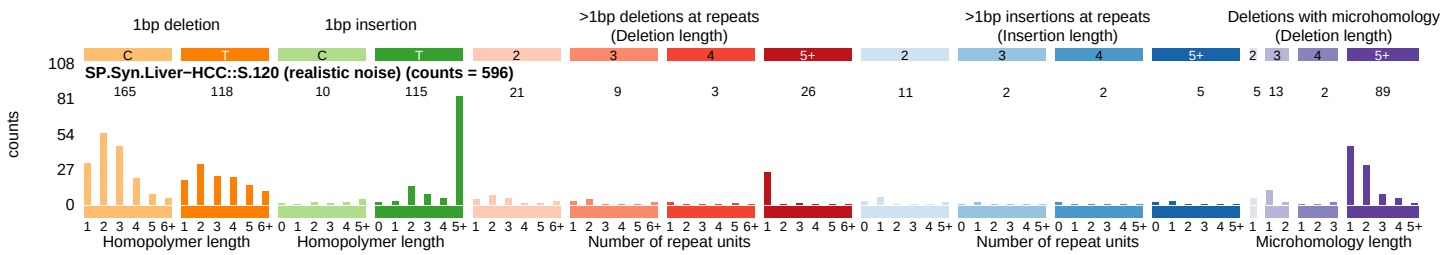

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.115 (realistic noise) (counts = 845)
158 145 11 283 30 6 0 54 15 5 0 2 14 6 5 111
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.116 (realistic noise) (counts = 1063)
270 287 14 211 27 14 17 11 30 4 4 6 10 10 7 141
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.117 (realistic noise) (counts = 471)
139 97 9 160 20 7 4 6 5 1 3 1 7 3 3 6
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+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.118 (realistic noise) (counts = 613)
131 188 9 161 34 17 8 9 13 3 1 4 11 2 7 15
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+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.119 (realistic noise) (counts = 414)
145 84 9 125 17 7 0 4 5 1 1 2 5 2 2 5
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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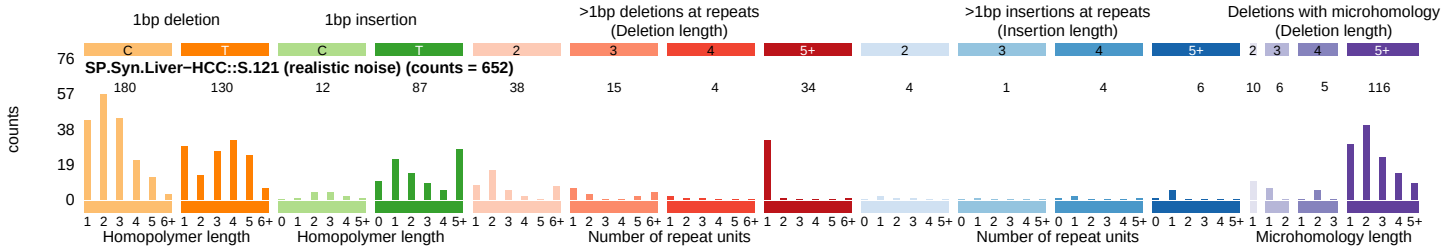
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.120 (realistic noise) (counts = 596)
165 118 10 115 21 9 3 26 11 2 2 5 5 13 2 89
counts
108 81 54 27 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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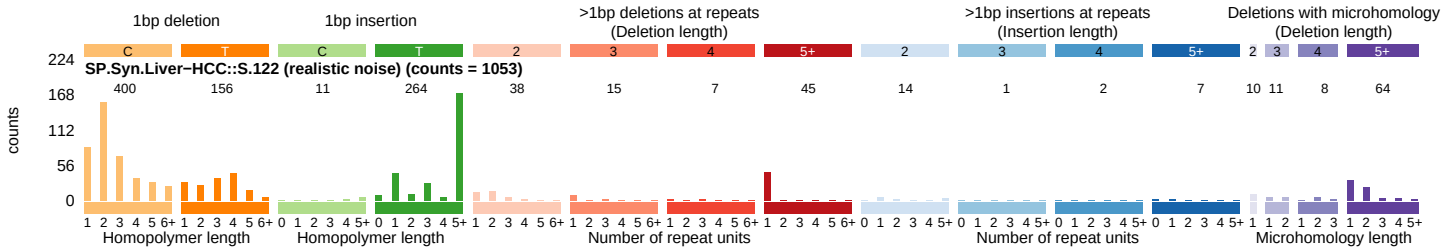
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.121 (realistic noise) (counts = 652)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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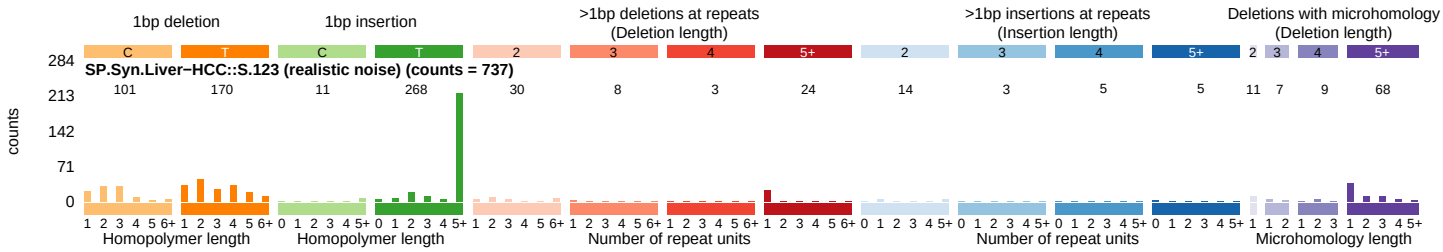
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.122 (realistic noise) (counts = 1053)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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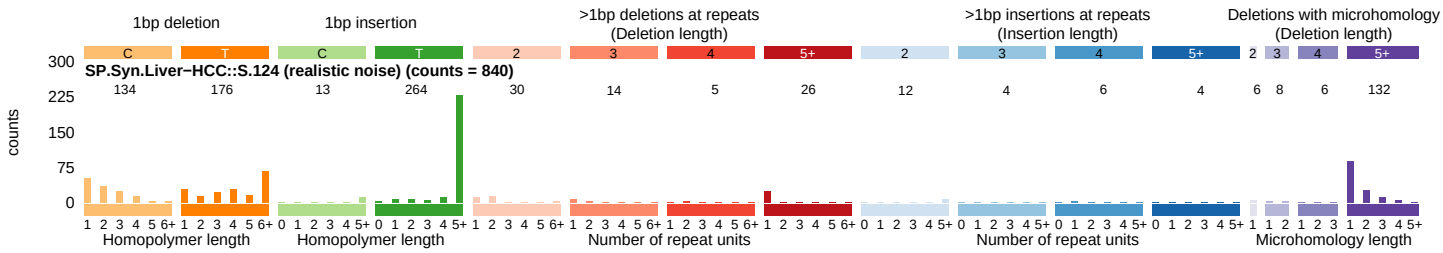
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.123 (realistic noise) (counts = 737)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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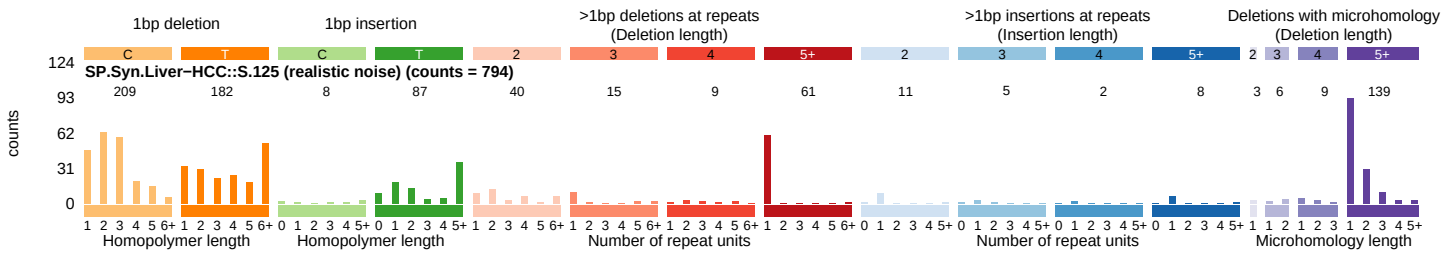
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.124 (realistic noise) (counts = 840)
counts
Homopolymer length
Number of repeat units
Microhomology length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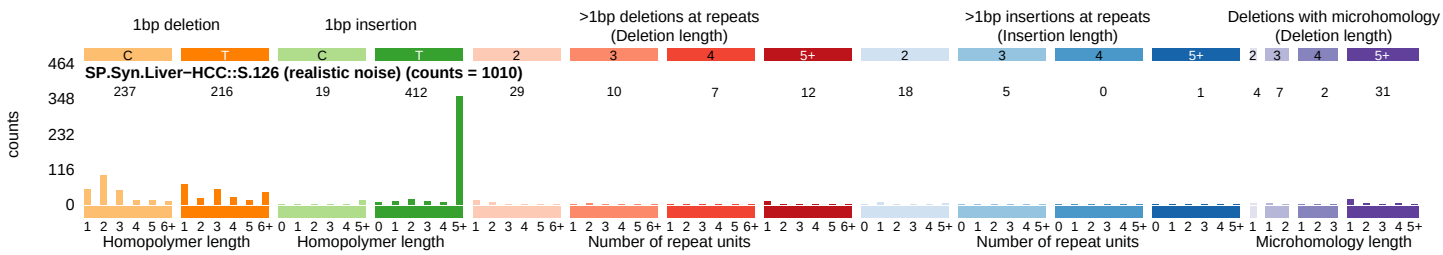
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.125 (realistic noise) (counts = 794)
counts
Homopolymer length
Number of repeat units
Microhomology length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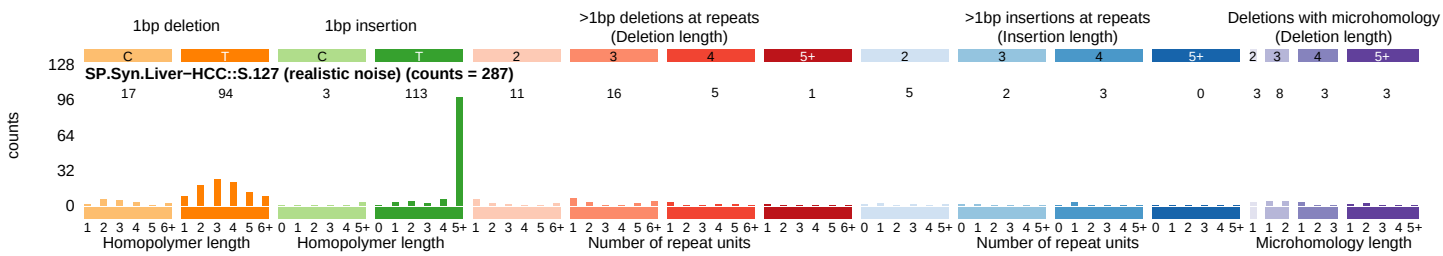
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.126 (realistic noise) (counts = 1010)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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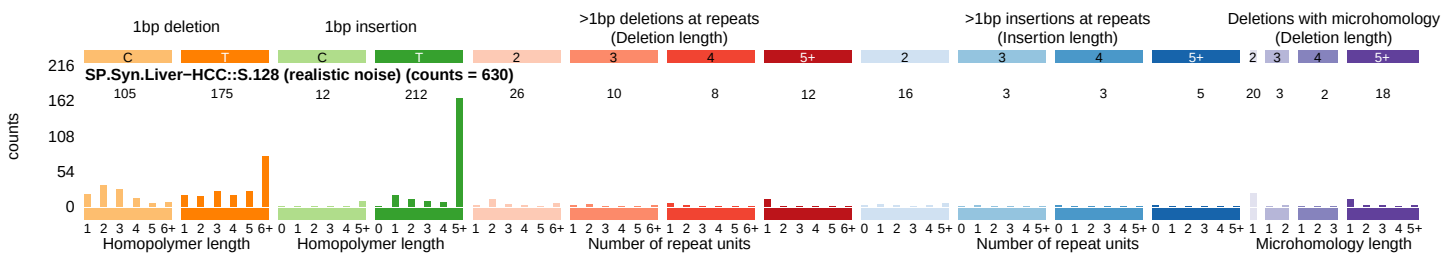
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.127 (realistic noise) (counts = 287)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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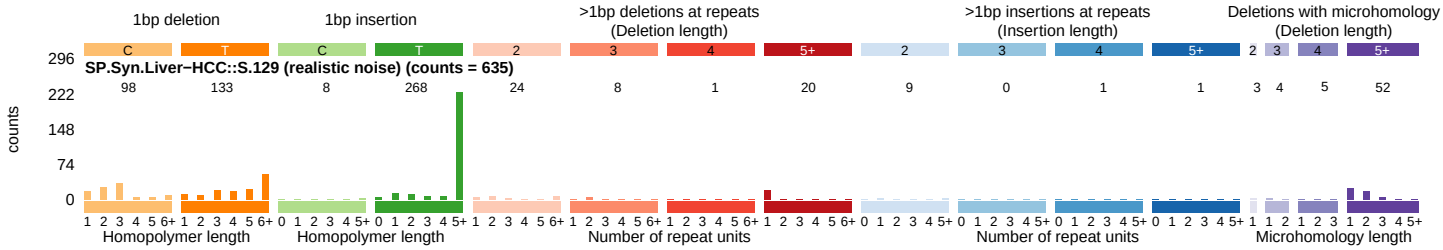
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.128 (realistic noise) (counts = 630)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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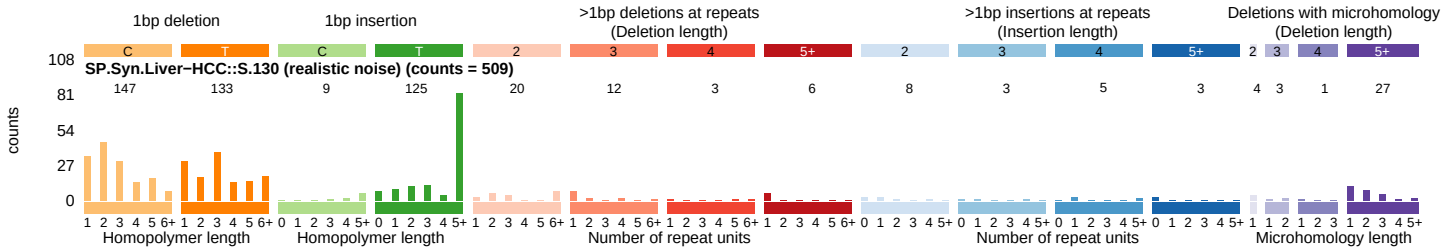
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.129 (realistic noise) (counts = 635)
98 133 8 268 24 8 1 20 9 0 1 1 3 4 5 52
counts
296 222 148 74 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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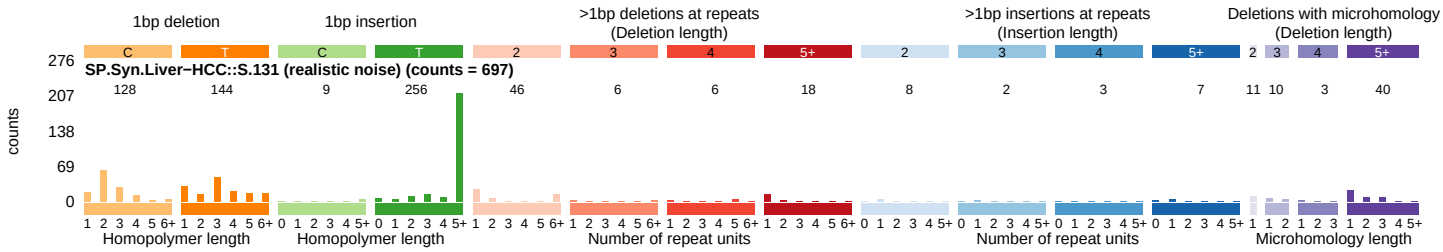
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.130 (realistic noise) (counts = 509)
147 133 9 125 20 12 3 6 8 3 5 3 4 3 1 27
counts
108 81 54 27 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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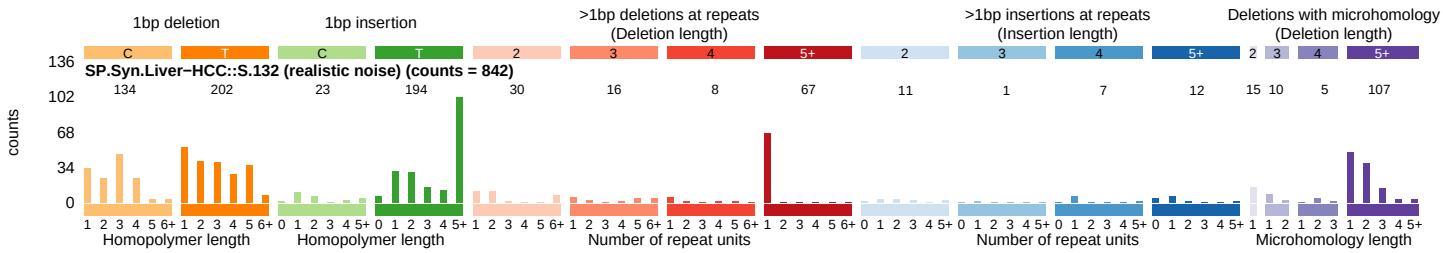
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.131 (realistic noise) (counts = 697)
128 144 9 256 46 6 6 18 8 2 3 7 11 10 3 40
counts
276 207 138 69 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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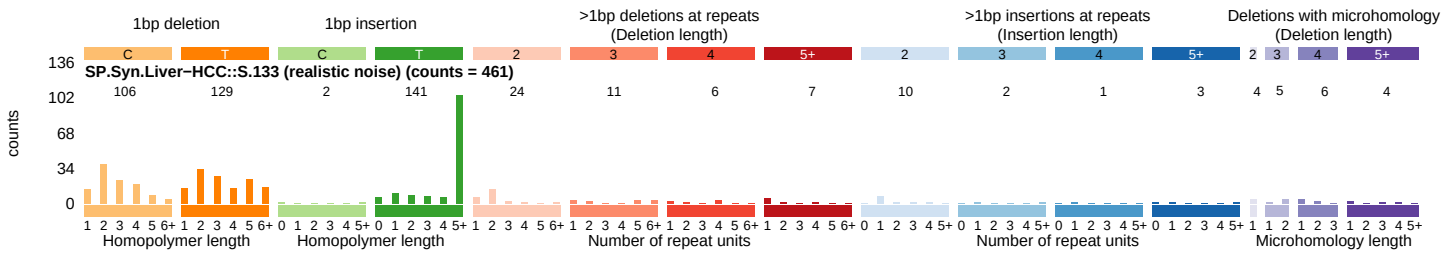
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.132 (realistic noise) (counts = 842)
134 202 23 194 30 16 8 67 11 1 7 12 15 10 5 107
counts
136 102 68 34 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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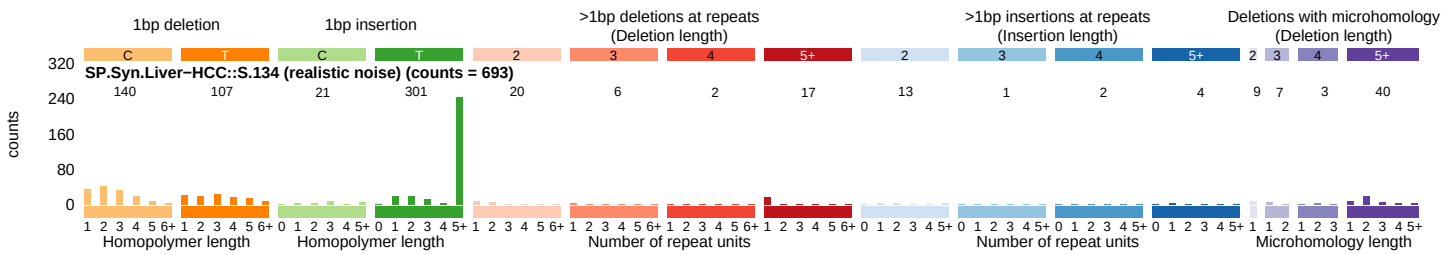
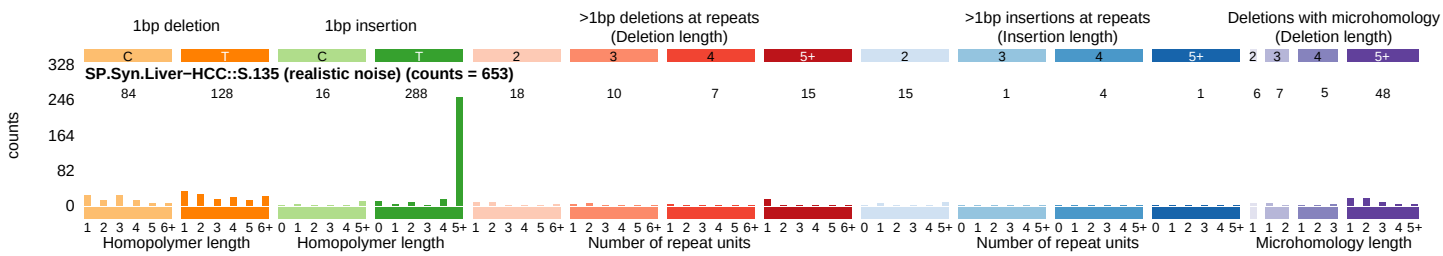
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.133 (realistic noise) (counts = 461)
106 129 2 141 24 11 6 7 10 2 1 3 4 5 6 4
counts
136 102 68 34 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.134 (realistic noise) (counts = 693)
140 107 21 301 20 6 2 17 13 1 2 4 9 7 3 40
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)
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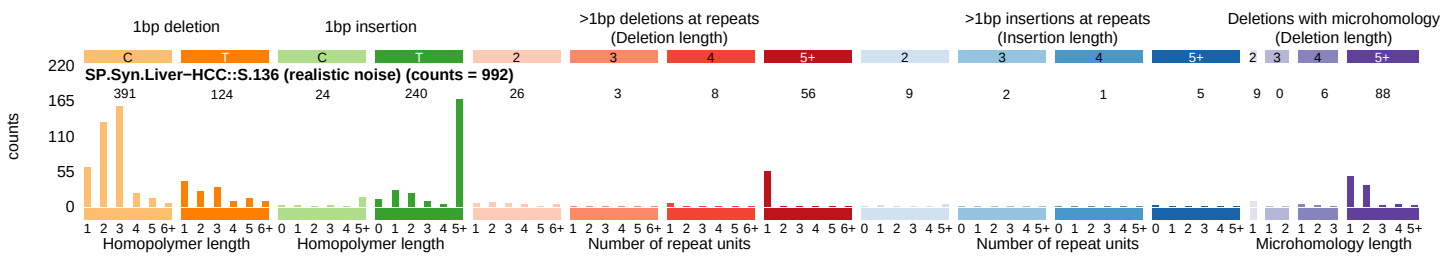
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.135 (realistic noise) (counts = 653)
84 128 16 288 18 10 7 15 15 1 4 1 6 7 5 48
counts
328 246 164 82 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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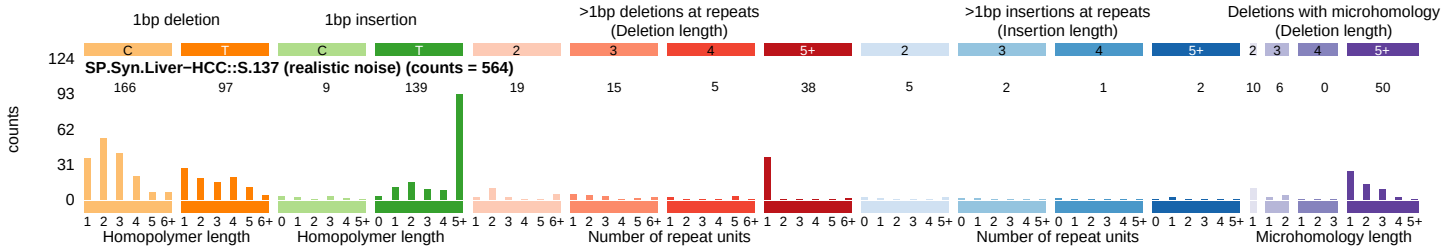
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.136 (realistic noise) (counts = 992)
391 124 24 240 26 3 8 56 9 2 1 5 9 0 6 88
counts
220 165 110 55 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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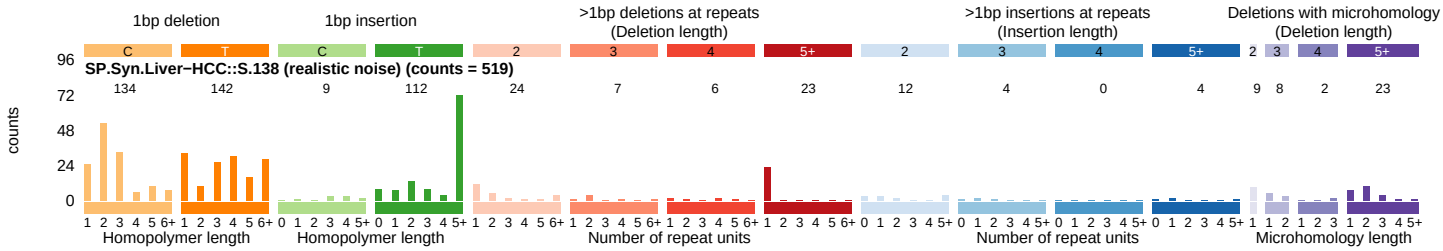
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.137 (realistic noise) (counts = 564)
166 97 9 139 19 15 5 38 5 2 1 2 10 6 0 50
counts
124 93 62 31 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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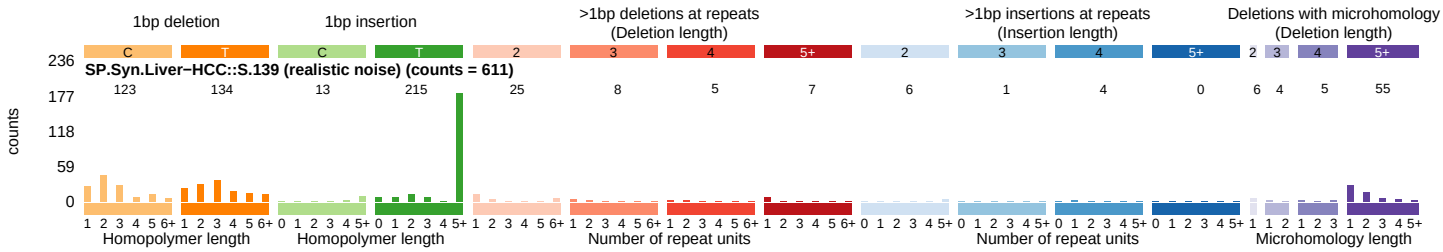
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.138 (realistic noise) (counts = 519)
134 142 9 112 24 7 6 23 12 4 0 4 9 8 2 23
counts
96 72 48 24 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 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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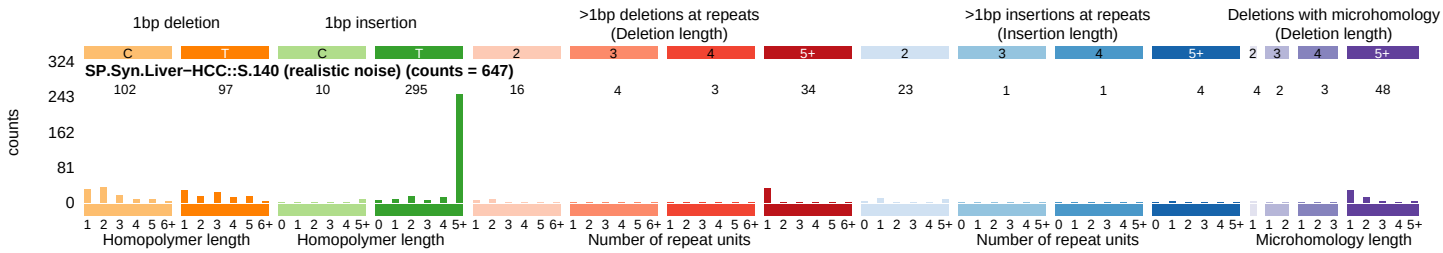
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.139 (realistic noise) (counts = 611)
123 134 13 215 25 8 5 7 6 1 4 0 6 4 5 55
counts
236 177 118 59 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 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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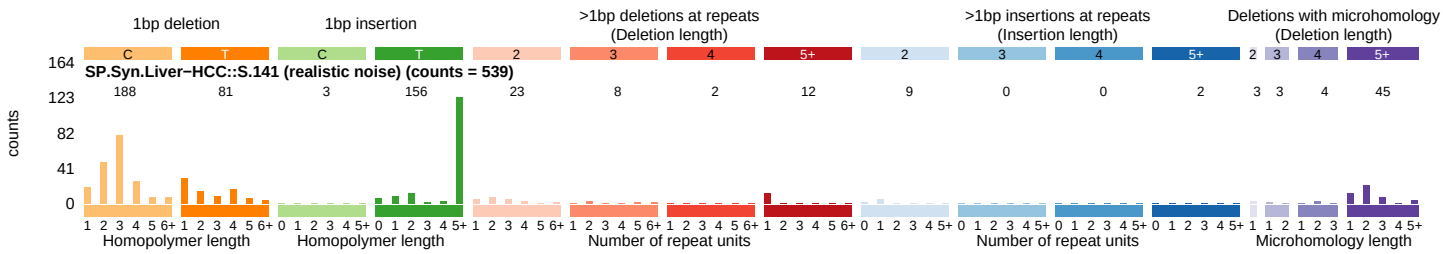
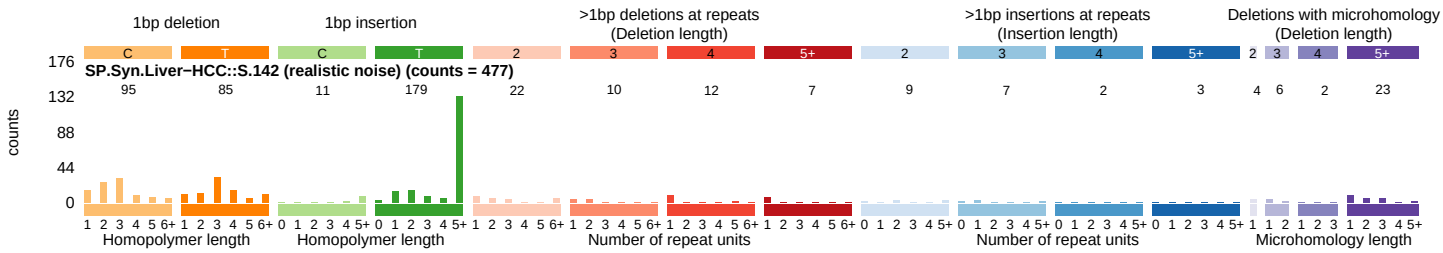
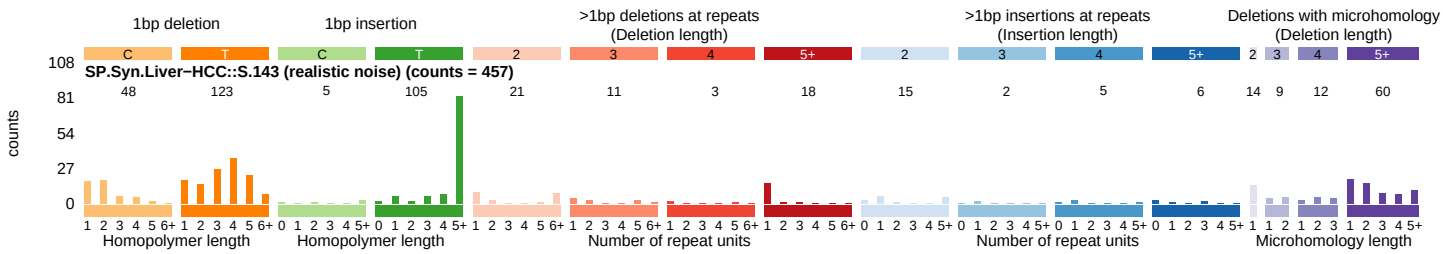
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.140 (realistic noise) (counts = 647)
102 97 10 295 16 4 3 34 23 1 1 4 4 2 3 48
counts
324 243 162 81 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 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.141 (realistic noise) (counts = 539)
188 81 3 156 23 8 2 12 9 0 0 2 3 3 4 45
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+ 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.142 (realistic noise) (counts = 477)
95 85 11 179 22 10 12 7 9 7 2 3 4 6 2 23
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
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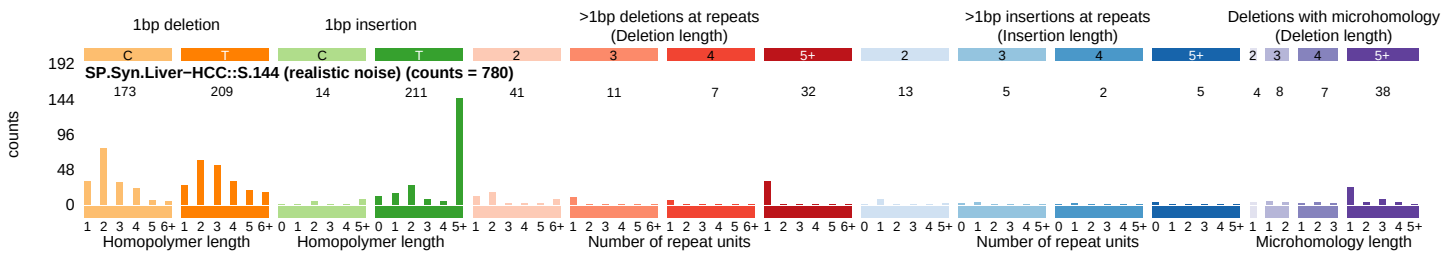
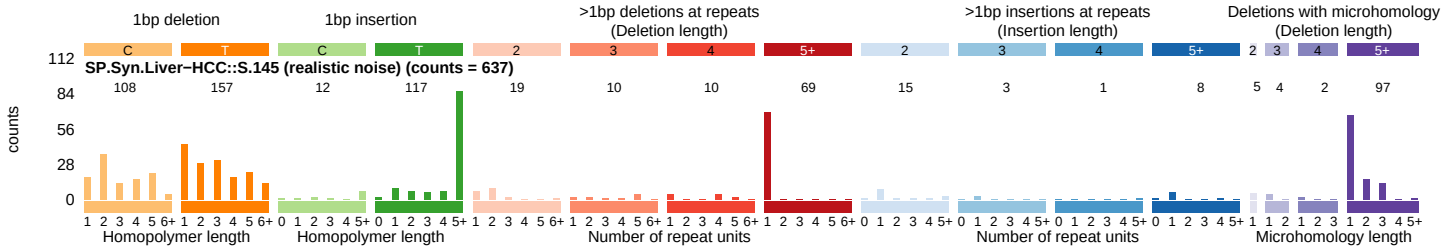
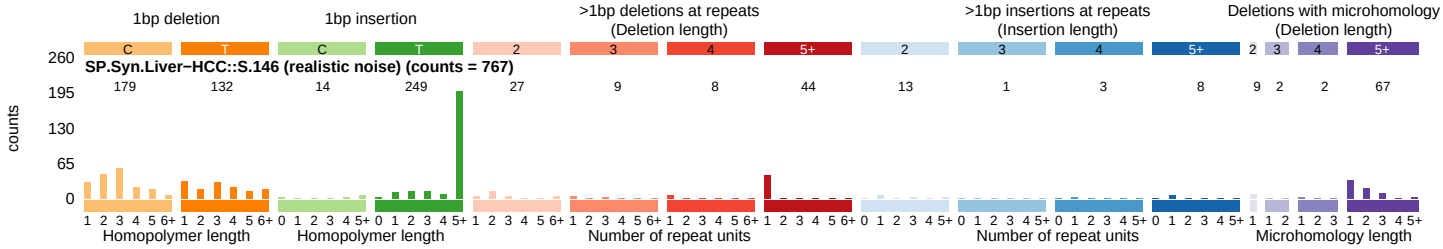
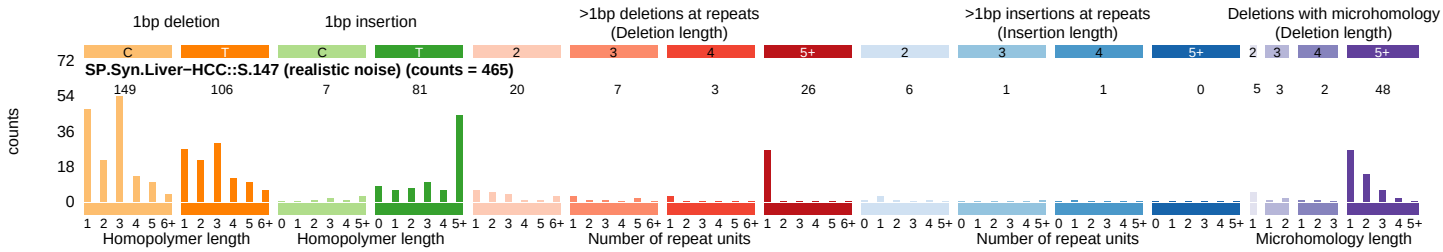
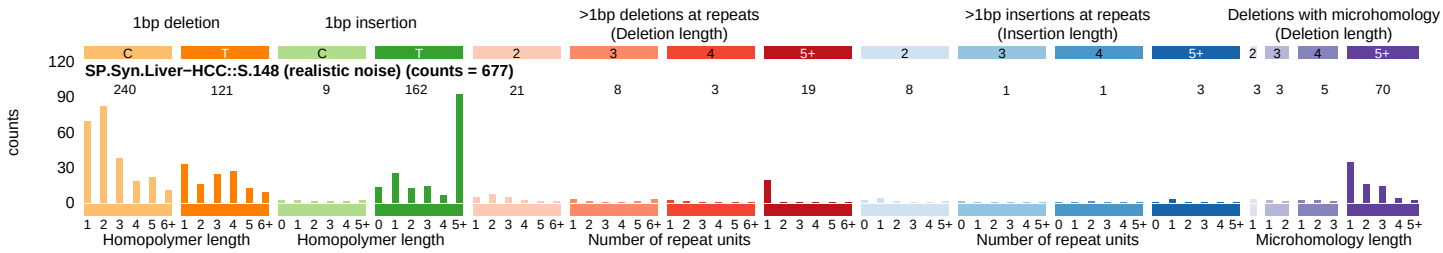
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.143 (realistic noise) (counts = 457)
48 123 5 105 21 11 3 18 15 2 5 6 14 9 12 60
counts
108 81 54 27 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 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

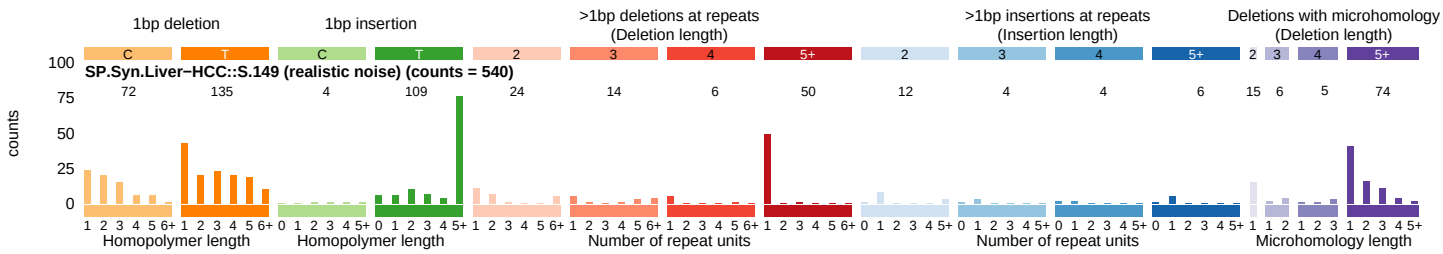

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.144 (realistic noise) (counts = 780)
173 209 14 211 41 11 7 32 13 5 2 5 4 8 7 38
counts
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+ 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

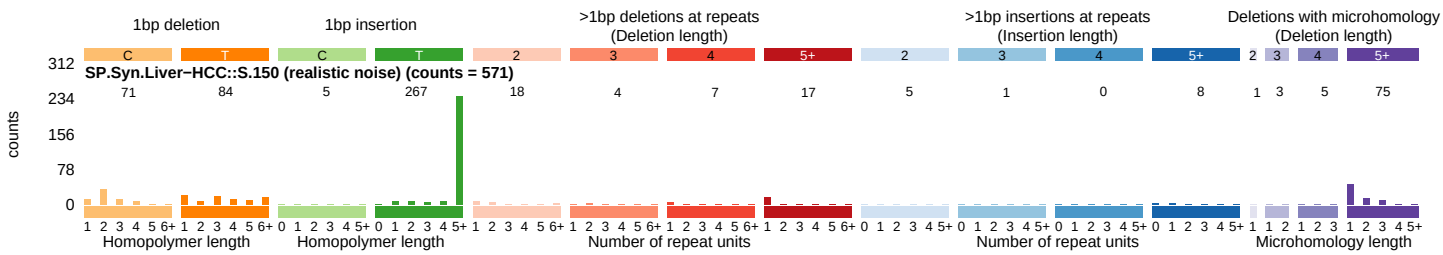

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.145 (realistic noise) (counts = 637)
108 157 12 117 19 10 10 69 15 3 1 8 5 4 2 97
counts
Homopolymer length
Number of repeat units
Microhomology length

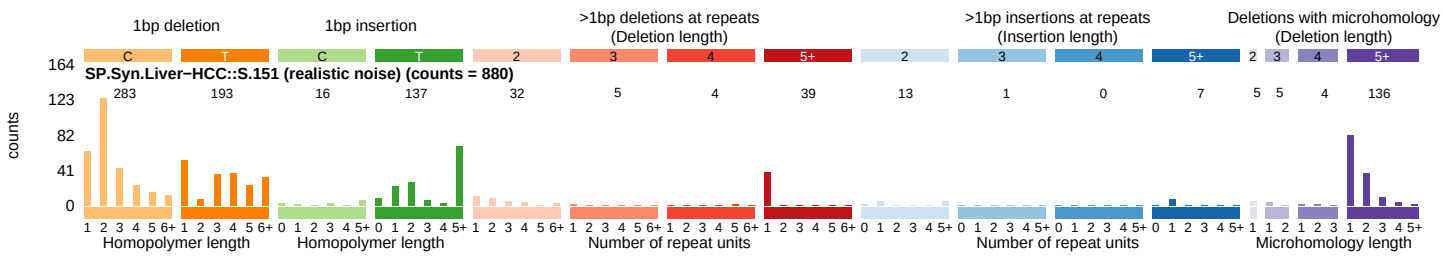

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.146 (realistic noise) (counts = 767)
179 132 14 249 27 9 8 44 13 1 3 8 9 2 2 67
counts
Homopolymer length
Number of repeat units
Microhomology length

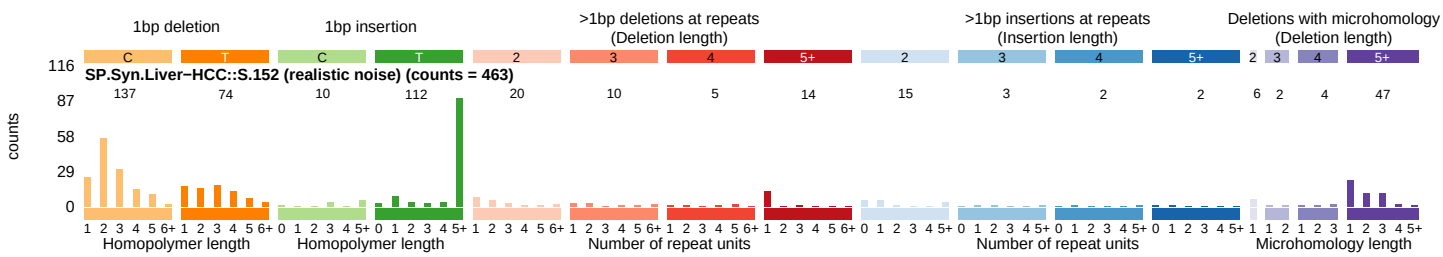

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.147 (realistic noise) (counts = 465)
149 106 7 81 20 7 3 26 6 1 1 0 5 3 2 48
counts
Homopolymer length
Number of repeat units
Microhomology length

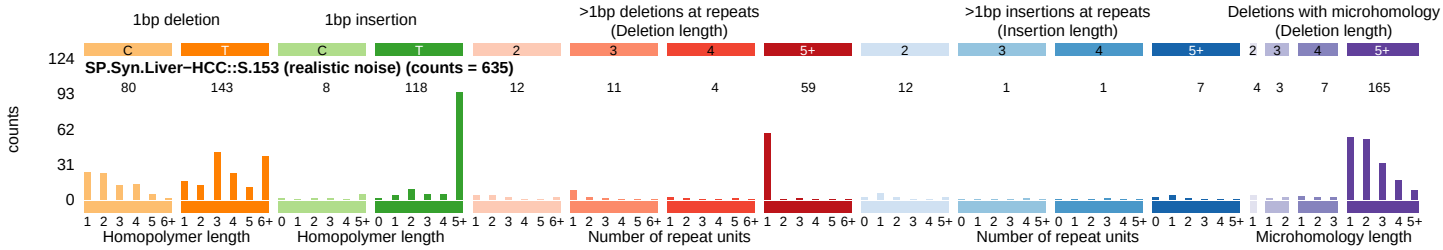

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.148 (realistic noise) (counts = 677)
240 121 9 162 21 8 3 19 8 1 1 3 3 3 5 70
counts
Homopolymer length
Number of repeat units
Microhomology length

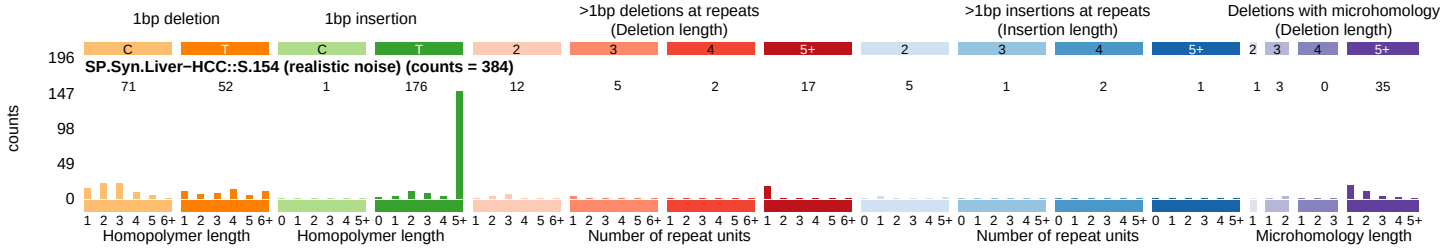

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.149 (realistic noise) (counts = 540)
72 135 4 109 24 14 6 50 12 4 4 6 15 6 5 74
counts
Homopolymer length
Number of repeat units
Microhomology length

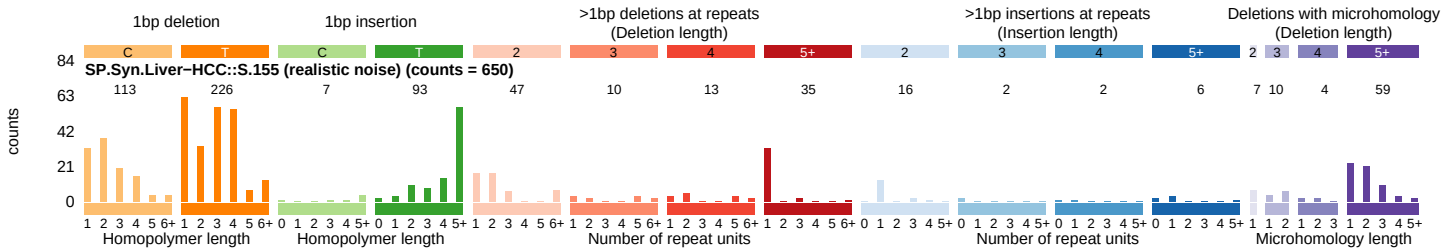

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.150 (realistic noise) (counts = 571)
71 84 5 267 18 4 7 17 5 1 0 8 1 3 5 75
counts
Homopolymer length
Number of repeat units
Microhomology length

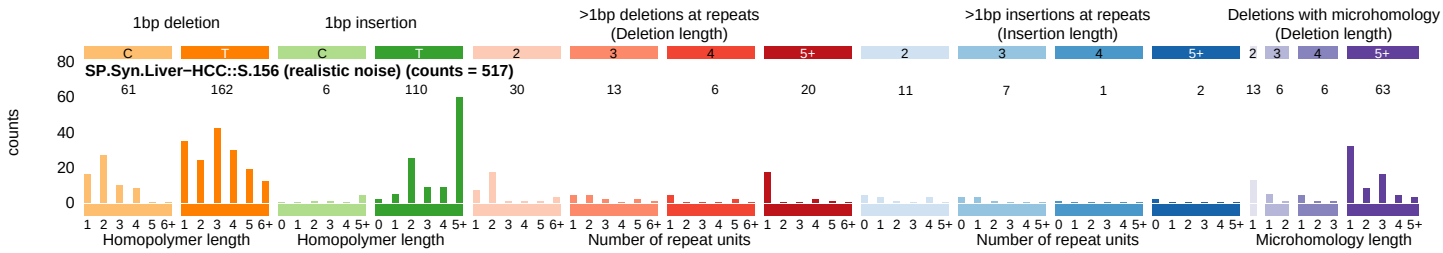

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.151 (realistic noise) (counts = 880)
283 193 16 137 32 5 4 39 13 1 0 7 5 5 4 136
counts
Homopolymer length
Number of repeat units
Microhomology length

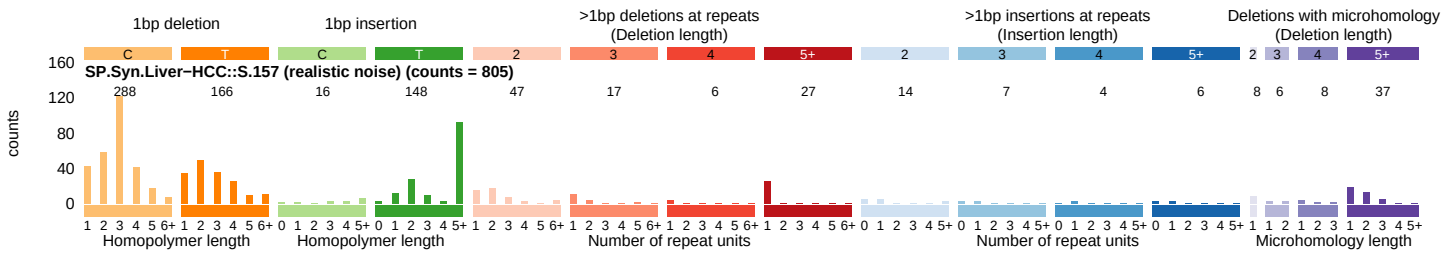

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.152 (realistic noise) (counts = 463)
137 74 10 112 20 10 5 14 15 3 2 2 6 2 4 47
counts
Homopolymer length
Number of repeat units
Microhomology length

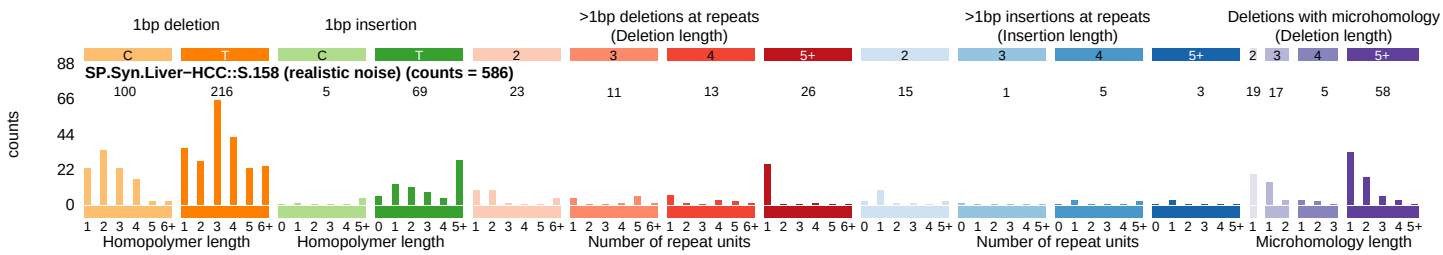

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.153 (realistic noise) (counts = 635)
80 143 8 118 12 11 4 59 12 1 1 7 4 3 7 165
counts
Homopolymer length
Number of repeat units
Microhomology length

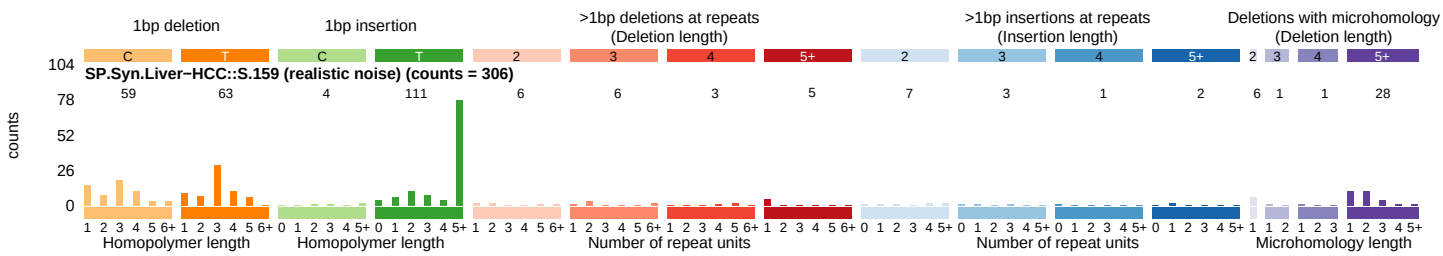

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.154 (realistic noise) (counts = 384)
71 52 1 176 12 5 2 17 5 1 2 1 1 3 0 35
counts
Homopolymer length
Number of repeat units
Microhomology length

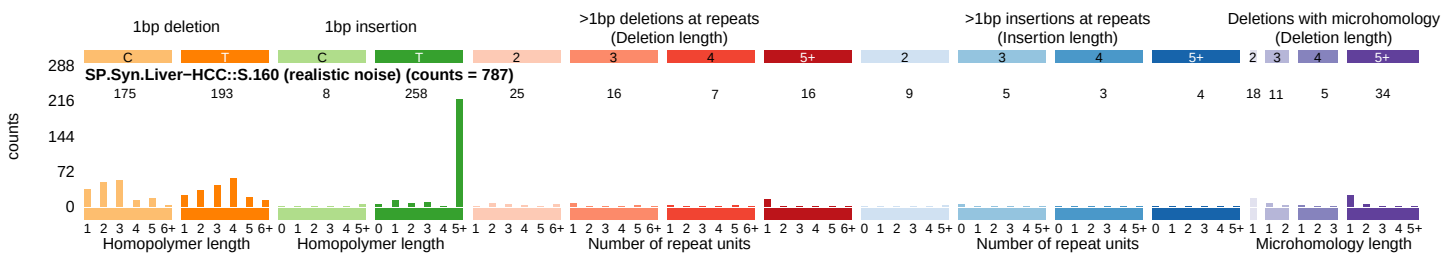

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.155 (realistic noise) (counts = 650)
113 226 7 93 47 10 13 35 16 2 2 6 7 10 4 59
counts
Homopolymer length
Number of repeat units
Microhomology length

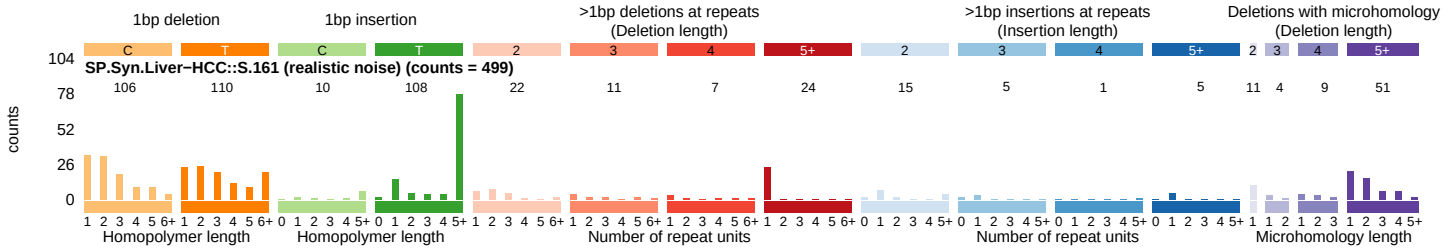

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.156 (realistic noise) (counts = 517)
61 162 6 110 30 13 6 20 11 7 1 2 13 6 6 63
counts
Homopolymer length
Number of repeat units
Microhomology length

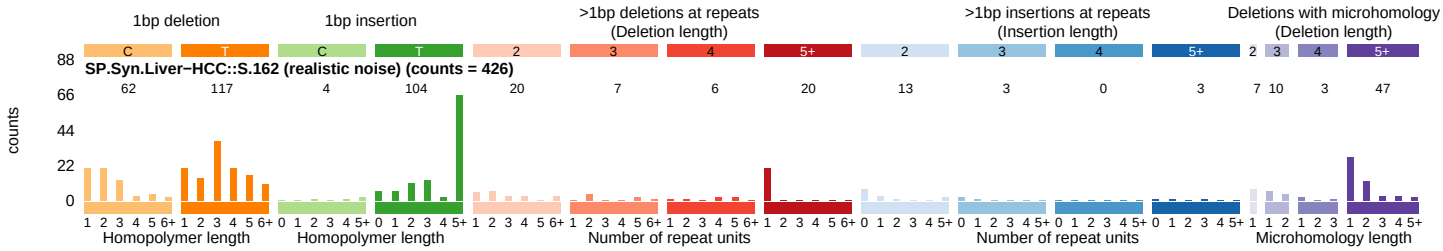

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.157 (realistic noise) (counts = 805)
288 166 16 148 47 17 6 27 14 7 4 6 8 6 8 37
counts
Homopolymer length
Number of repeat units
Microhomology length

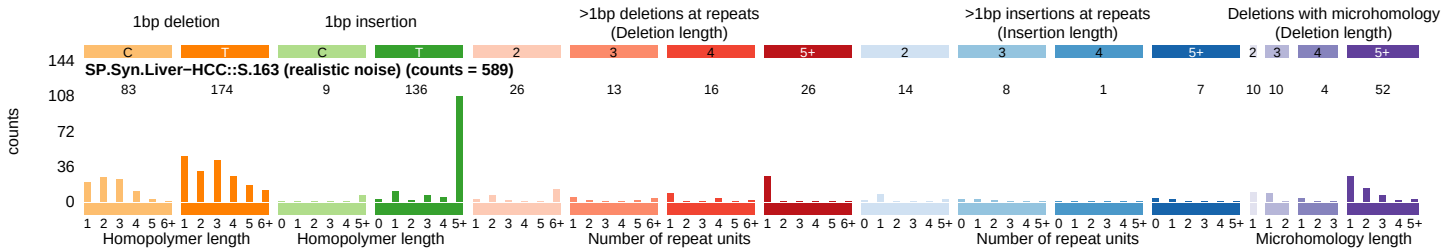

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.158 (realistic noise) (counts = 586)
100 216 5 69 23 11 13 26 15 1 5 3 19 17 5 58
counts
Homopolymer length
Number of repeat units
Microhomology length

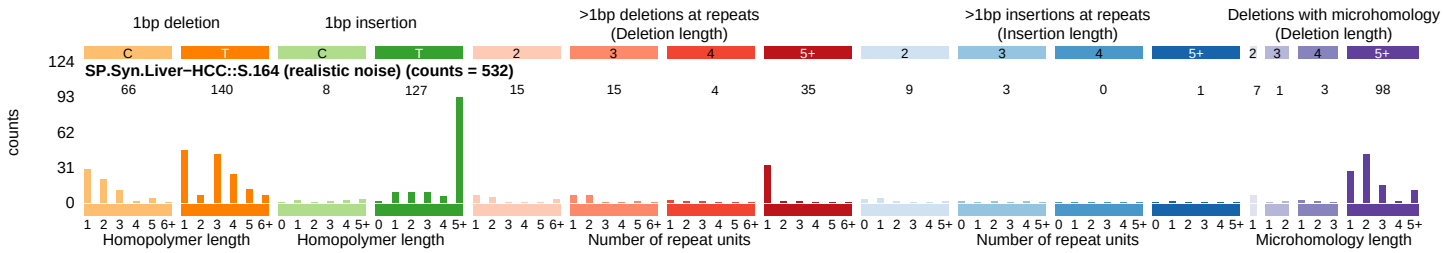

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.159 (realistic noise) (counts = 306)
59 63 4 111 6 6 3 5 7 3 1 2 6 1 1 28
counts
Homopolymer length
Number of repeat units
Microhomology length

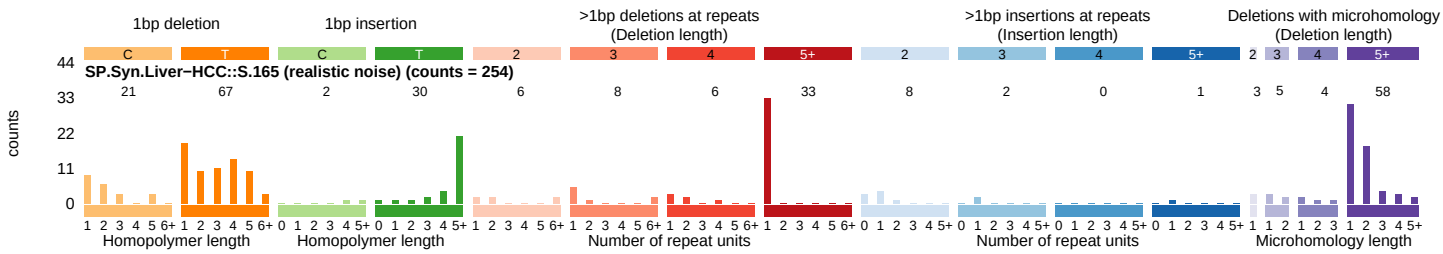

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.160 (realistic noise) (counts = 787)
175 193 8 258 25 16 7 16 9 5 3 4 18 11 5 34
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.161 (realistic noise) (counts = 499)
106 110 10 108 22 11 7 24 15 5 1 5 11 4 9 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.162 (realistic noise) (counts = 426)
62 117 4 104 20 7 6 20 13 3 0 3 7 10 3 47
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.163 (realistic noise) (counts = 589)
83 174 9 136 26 13 16 26 14 8 1 7 10 10 4 52
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.164 (realistic noise) (counts = 532)
66 140 8 127 15 15 4 35 9 3 0 1 7 1 3 98
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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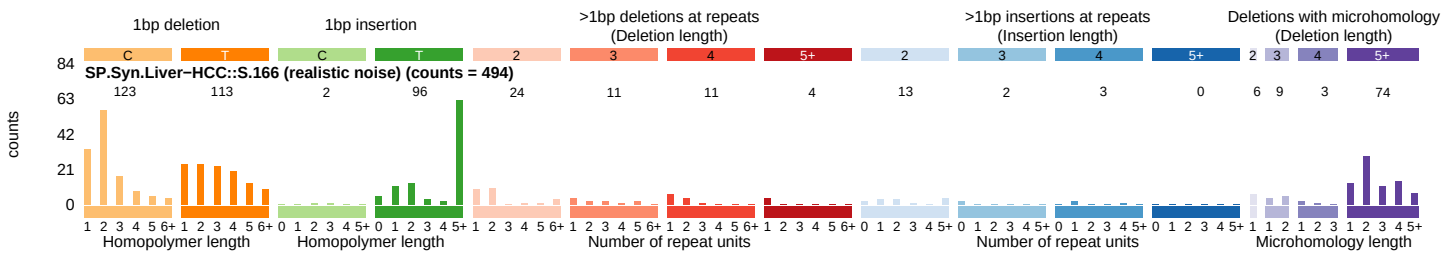
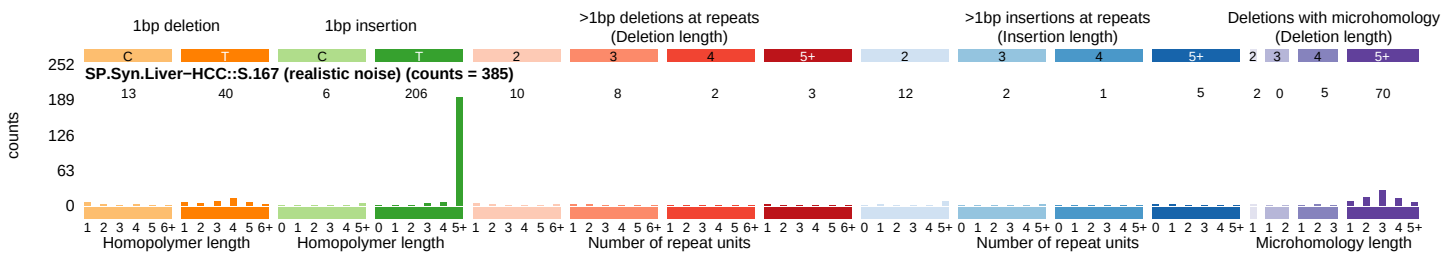
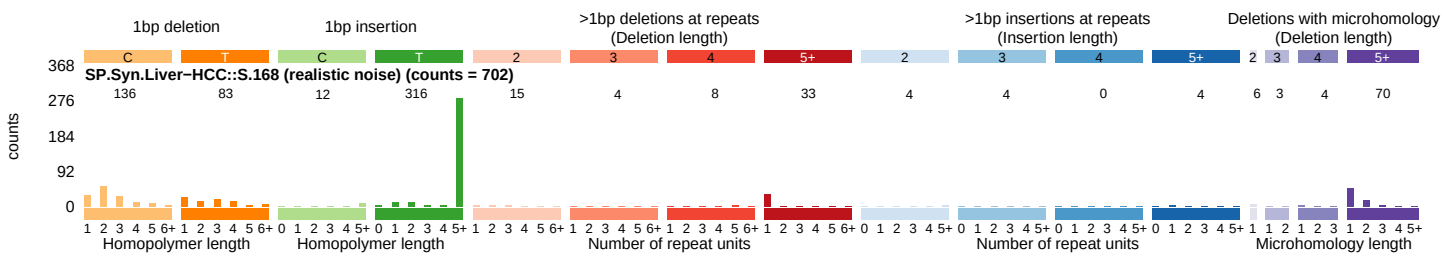
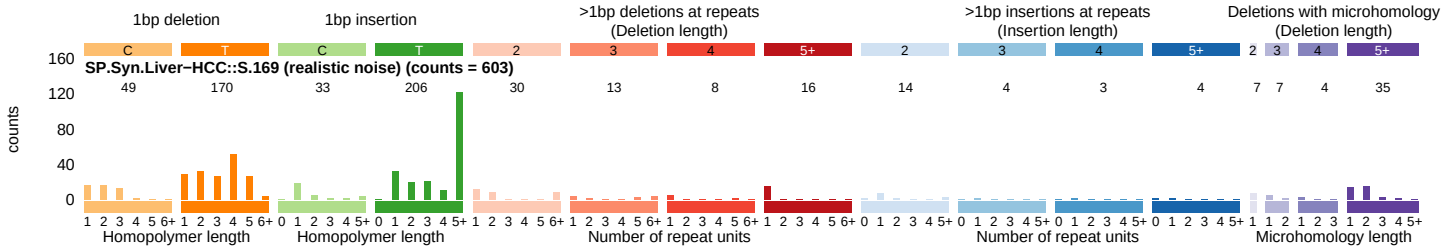
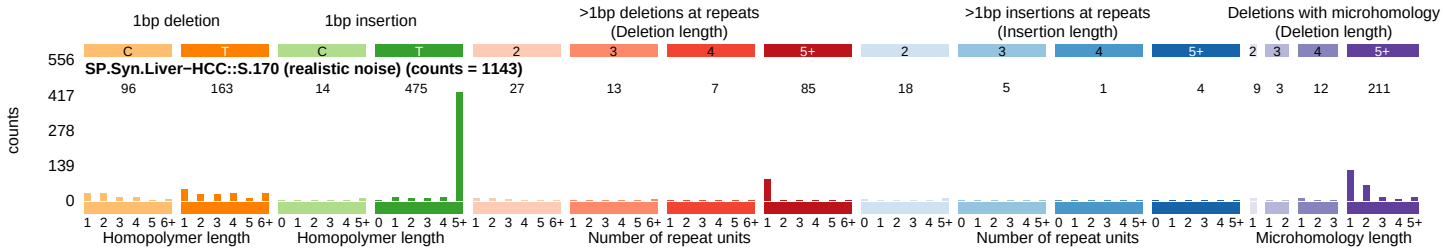
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.165 (realistic noise) (counts = 254)
21 67 2 30 6 8 6 33 8 2 0 1 3 5 4 58
counts
Homopolymer length
Number of repeat units
Microhomology length

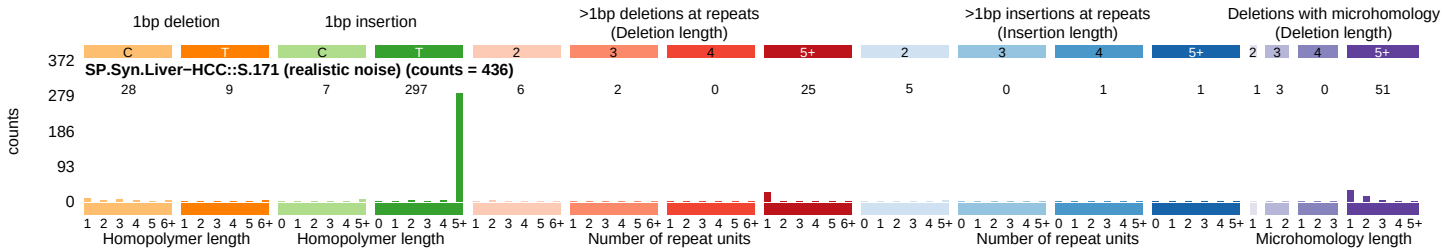

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.166 (realistic noise) (counts = 494)
123 113 2 96 24 11 11 4 13 2 3 0 6 9 3 74
counts
Homopolymer length
Number of repeat units
Microhomology length

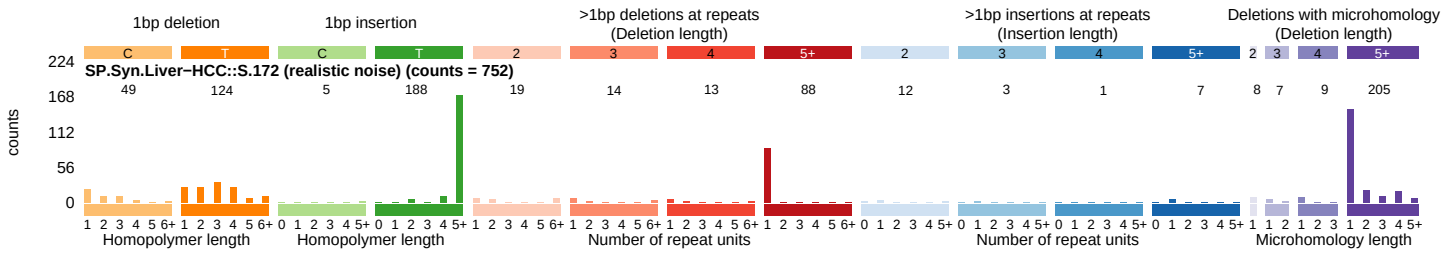

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.167 (realistic noise) (counts = 385)
13 40 6 206 10 8 2 3 12 2 1 5 2 0 5 70
counts
Homopolymer length
Number of repeat units
Microhomology length

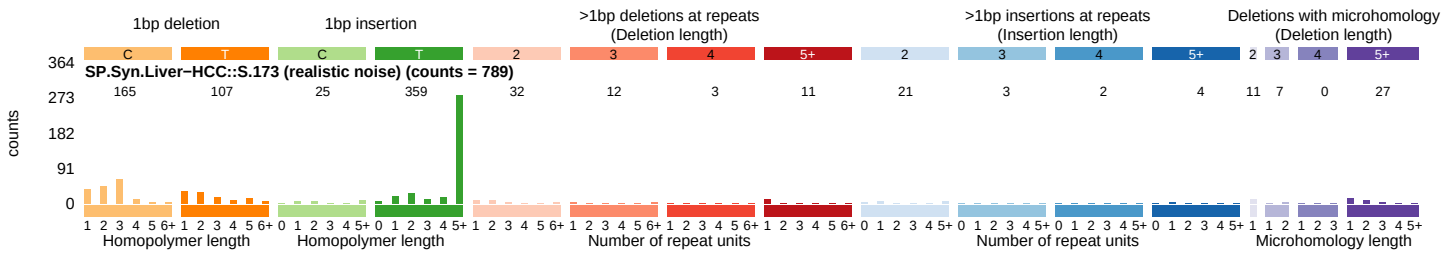

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.168 (realistic noise) (counts = 702)
136 83 12 316 15 4 8 33 4 4 0 4 6 3 4 70
counts
Homopolymer length
Number of repeat units
Microhomology length

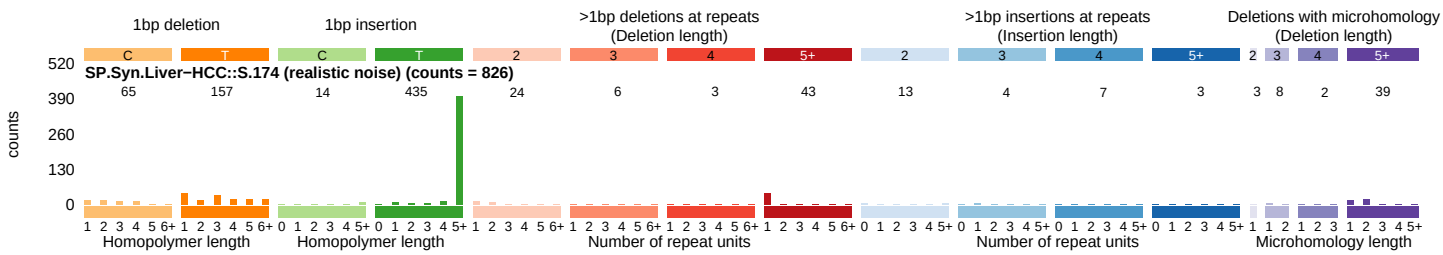

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.169 (realistic noise) (counts = 603)
49 170 33 206 30 13 8 16 14 4 3 4 7 7 4 35
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.170 (realistic noise) (counts = 1143)
96 163 14 475 27 13 7 85 18 5 1 4 9 3 12 211
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.Liver−HCC::S.171 (realistic noise) (counts = 436)
28 9 7 297 6 2 0 25 5 0 1 1 1 3 0 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.172 (realistic noise) (counts = 752)
49 124 5 188 19 14 13 88 12 3 1 7 8 7 9 205
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.Liver−HCC::S.173 (realistic noise) (counts = 789)
165 107 25 359 32 12 3 11 21 3 2 4 11 7 0 27
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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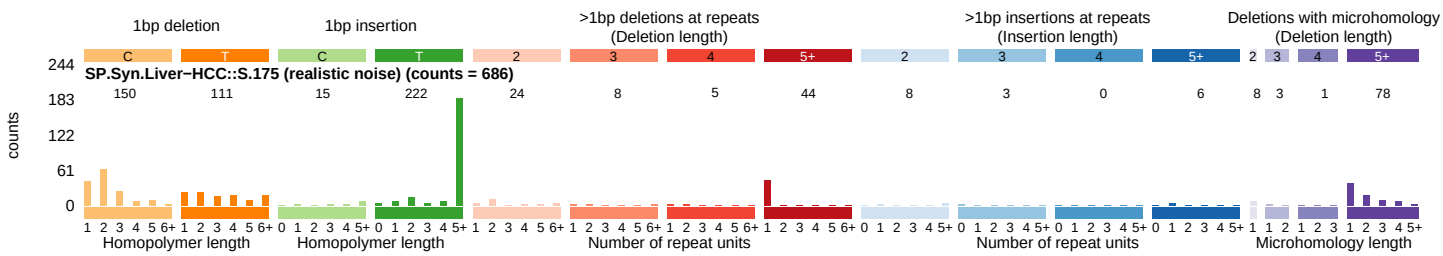
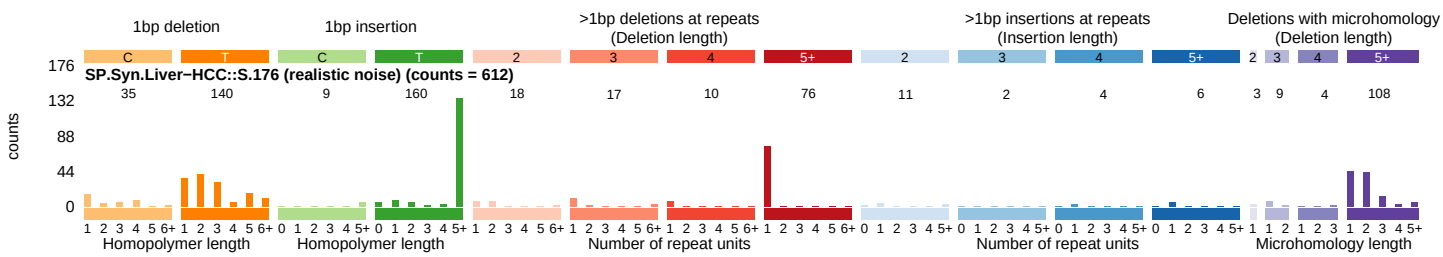
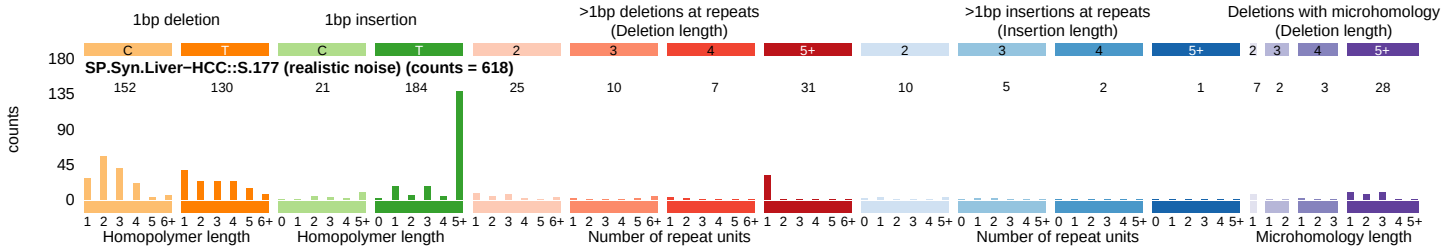
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.174 (realistic noise) (counts = 826)
65 157 14 435 24 6 3 43 13 4 7 3 3 8 2 39
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.175 (realistic noise) (counts = 686)
150 111 15 222 24 8 5 44 8 3 0 6 8 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.Liver−HCC::S.176 (realistic noise) (counts = 612)
35 140 9 160 18 17 10 76 11 2 4 6 3 9 4 108
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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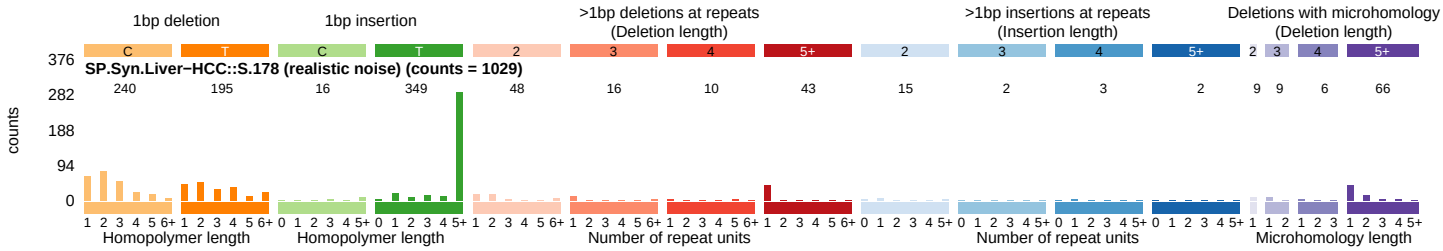
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.177 (realistic noise) (counts = 618)
152 130 21 184 25 10 7 31 10 5 2 1 7 2 3 28
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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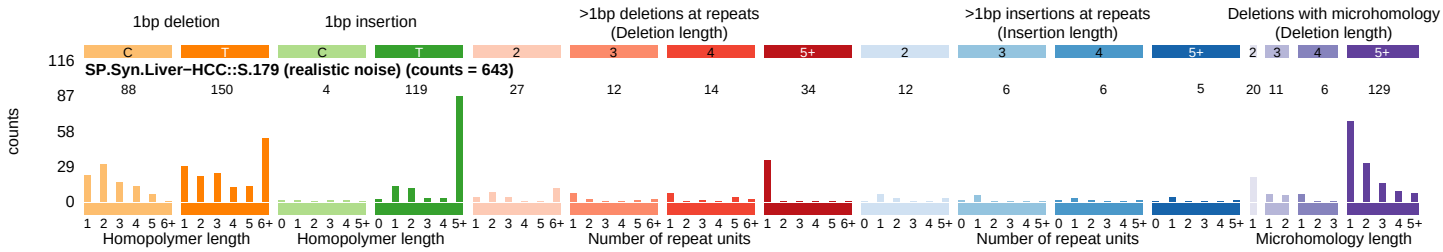
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.178 (realistic noise) (counts = 1029)
240 195 16 349 48 16 10 43 15 2 3 2 9 9 6 66
counts
Homopolymer length
Number of repeat units
Microhomology length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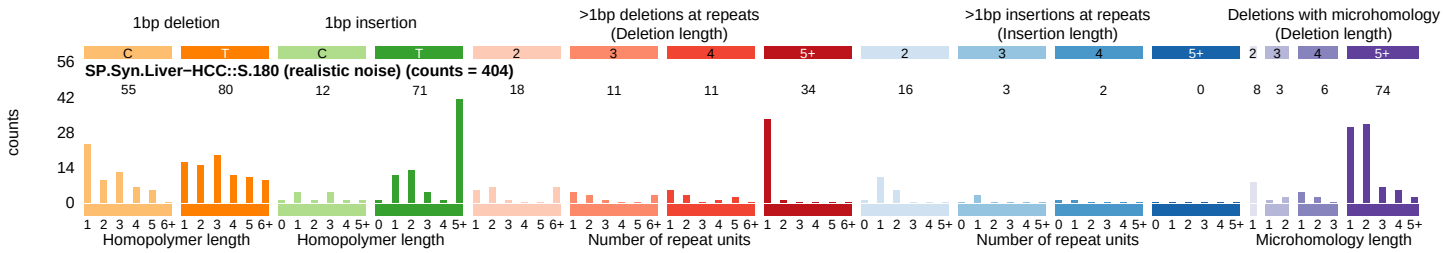
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.179 (realistic noise) (counts = 643)
88 150 4 119 27 12 14 34 12 6 6 5 20 11 6 129
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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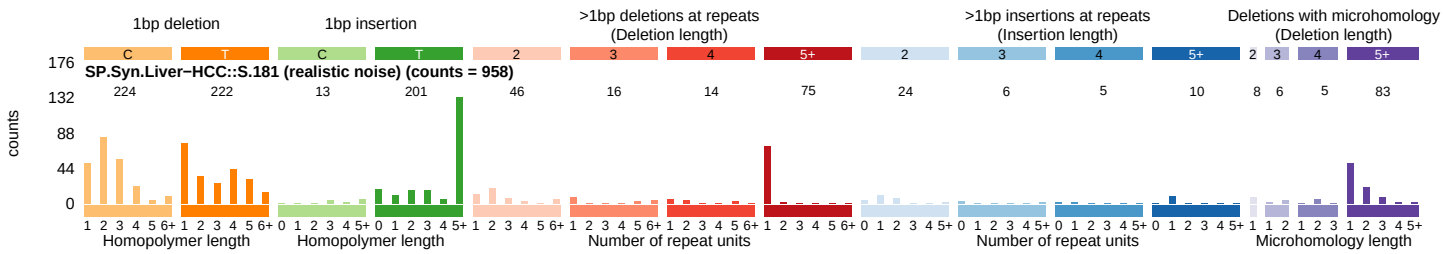
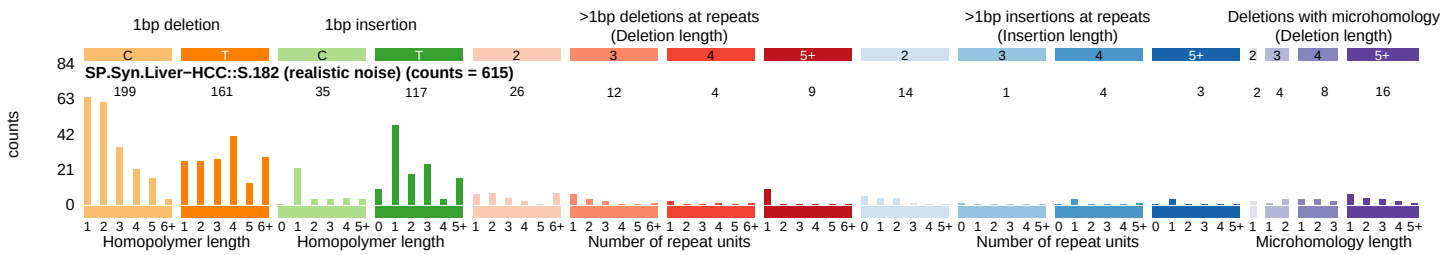
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.180 (realistic noise) (counts = 404)
55 80 12 71 18 11 11 34 16 3 2 0 8 3 6 74
counts
Homopolymer length
Number of repeat units
Microhomology length


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.181 (realistic noise) (counts = 958)
224 222 13 201 46 16 14 75 24 6 5 10 8 6 5 83
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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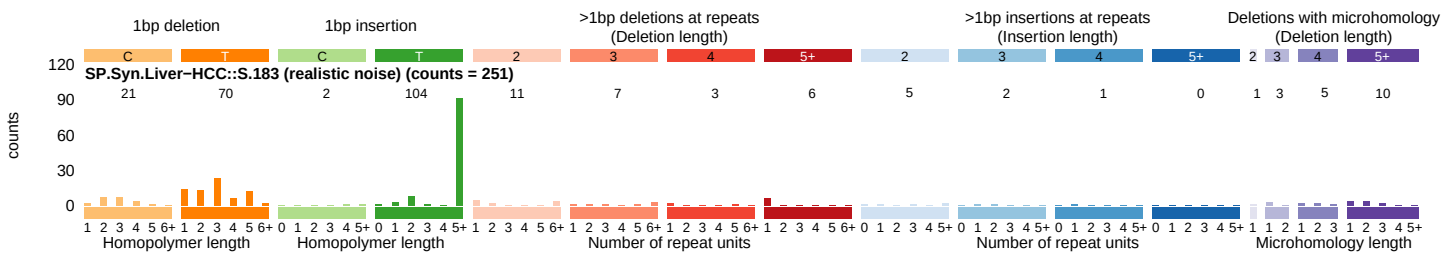
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.182 (realistic noise) (counts = 615)
199 161 35 117 26 12 4 9 14 1 4 3 2 4 8 16
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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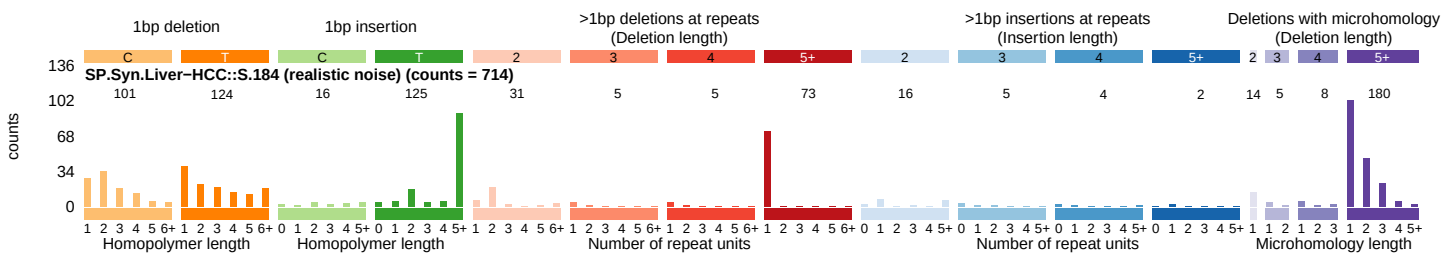
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.183 (realistic noise) (counts = 251)
21 70 2 104 11 7 3 6 5 2 1 0 1 3 5 10
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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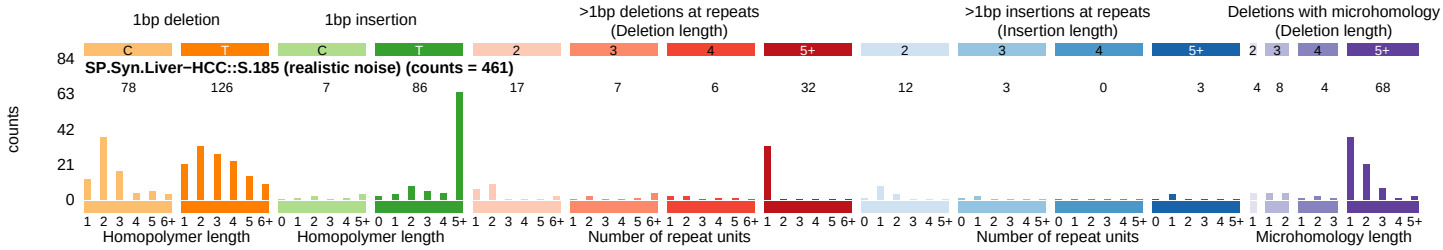
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.184 (realistic noise) (counts = 714)
101 124 16 125 31 5 5 73 16 5 4 2 14 5 8 180
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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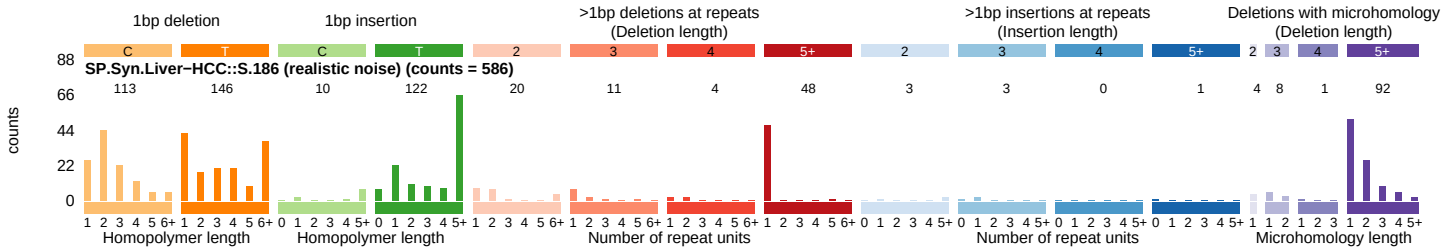
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.185 (realistic noise) (counts = 461)
78 126 7 86 17 7 6 32 12 3 0 3 4 8 4 68
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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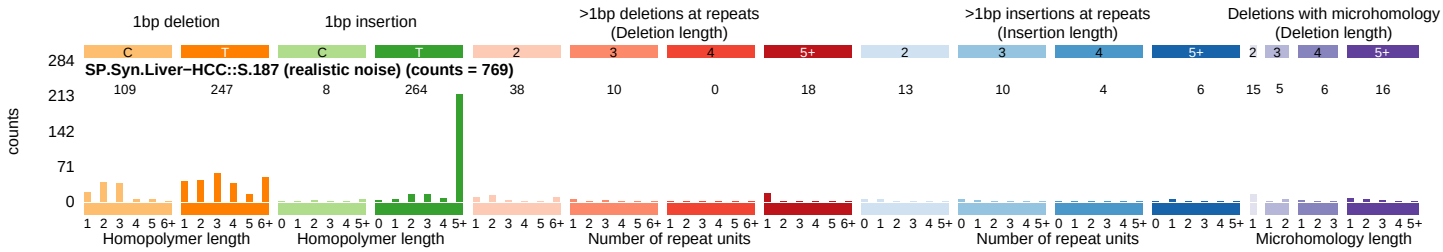
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.186 (realistic noise) (counts = 586)
113 146 10 122 20 11 4 48 3 3 0 1 4 8 1 92
counts
Homopolymer length
Number of repeat units
Microhomology length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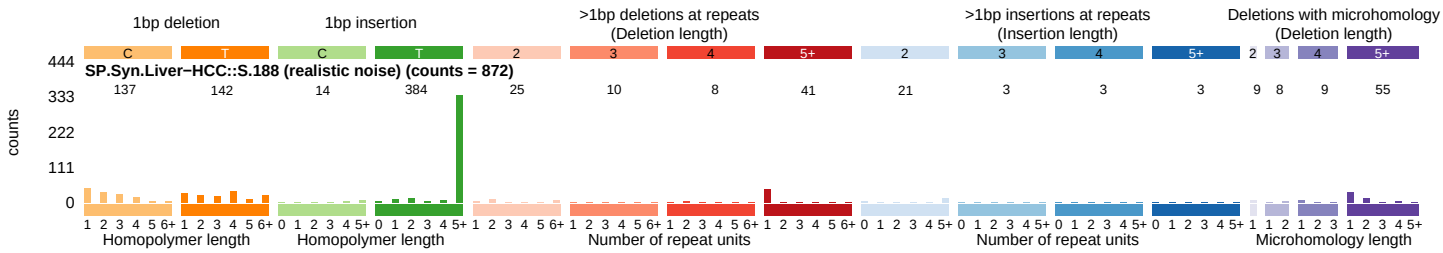
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.187 (realistic noise) (counts = 769)
109 247 8 264 38 10 0 18 13 10 4 6 15 5 6 16
counts
Homopolymer length
Number of repeat units
Microhomology length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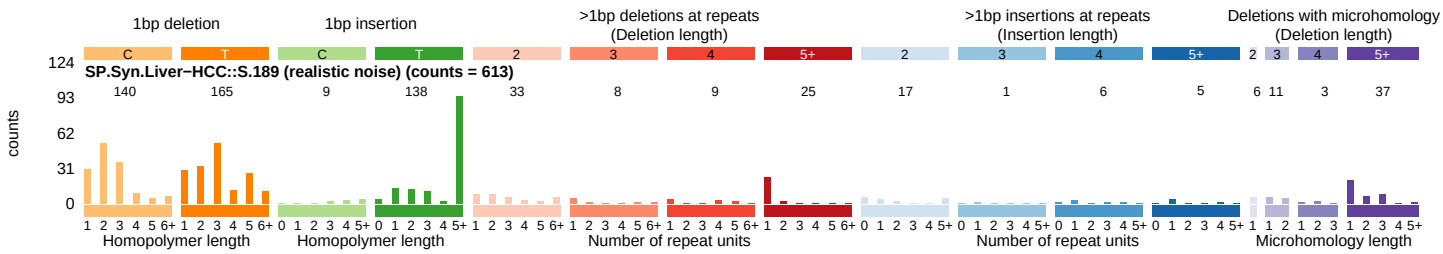
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.188 (realistic noise) (counts = 872)
137 142 14 384 25 10 8 41 21 3 3 3 9 8 9 55
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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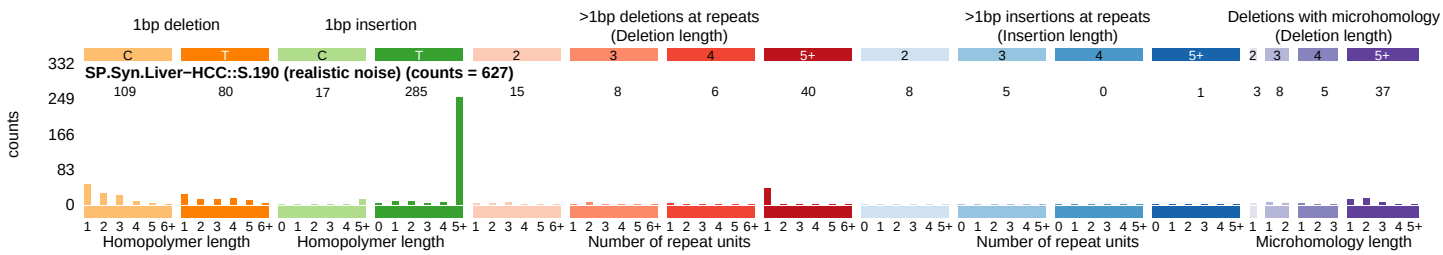
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.189 (realistic noise) (counts = 613)
140 165 9 138 33 8 9 25 17 1 6 5 6 11 3 37
counts
Homopolymer length
Number of repeat units
Microhomology length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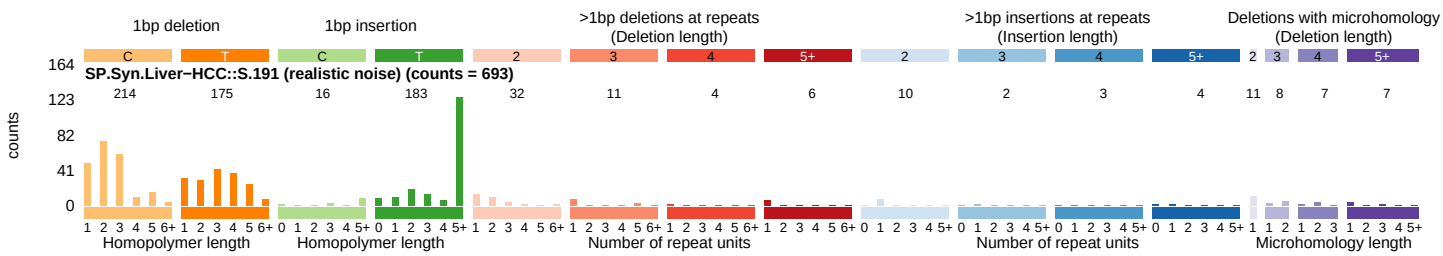
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.190 (realistic noise) (counts = 627)
109 80 17 285 15 8 6 40 8 5 0 1 3 8 5 37
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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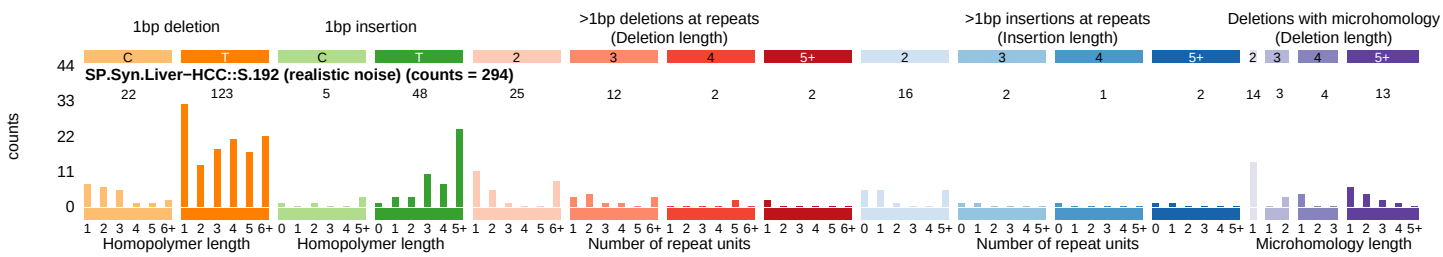
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.191 (realistic noise) (counts = 693)
214 175 16 183 32 11 4 6 10 2 3 4 11 8 7 7
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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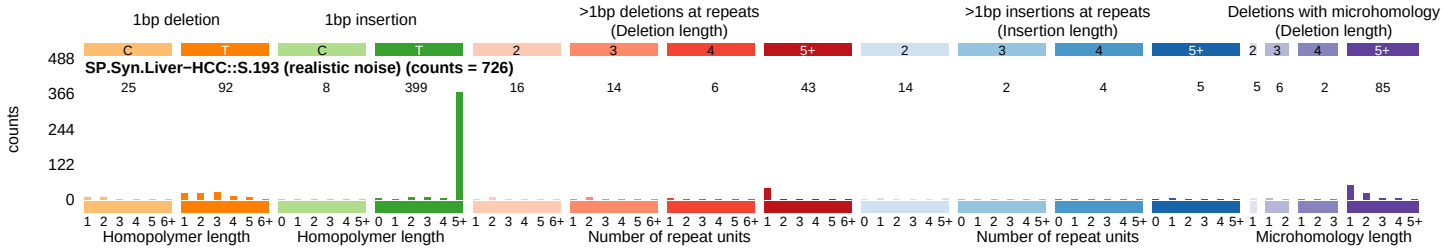
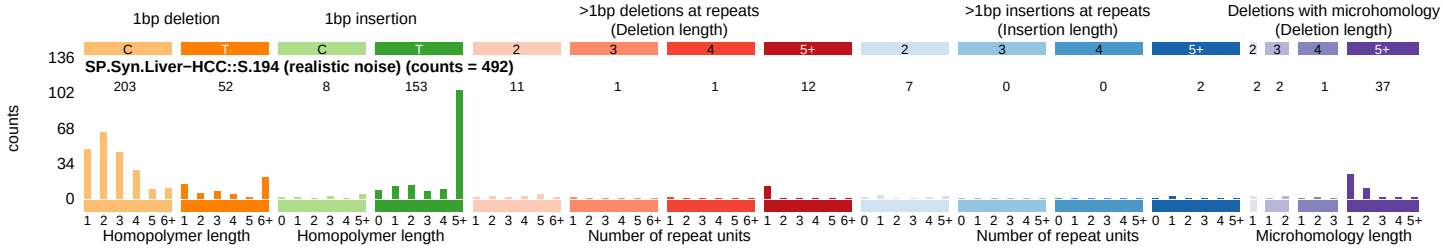
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.192 (realistic noise) (counts = 294)
22 123 5 48 25 12 2 2 16 2 1 2 14 3 4 13
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.193 (realistic noise) (counts = 726)
25 92 8 399 16 14 6 43 14 2 4 5 5 6 2 85
counts
488 366 244 122 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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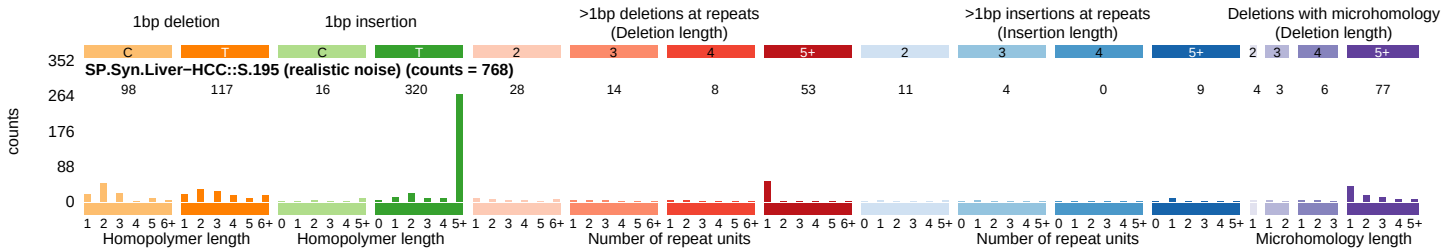
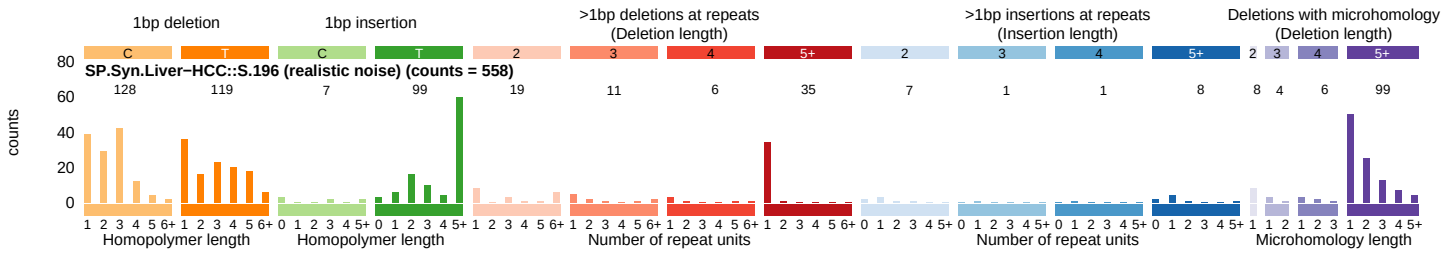
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.194 (realistic noise) (counts = 492)
203 52 8 153 11 1 1 12 7 0 0 2 2 2 1 37
counts
136 102 68 34 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 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.195 (realistic noise) (counts = 768)
98 117 16 320 28 14 8 53 11 4 0 9 4 3 6 77
counts
352 264 176 88 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 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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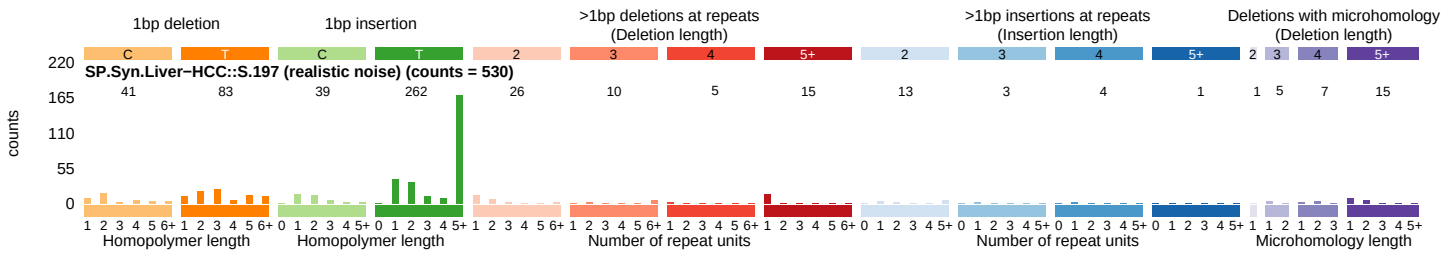
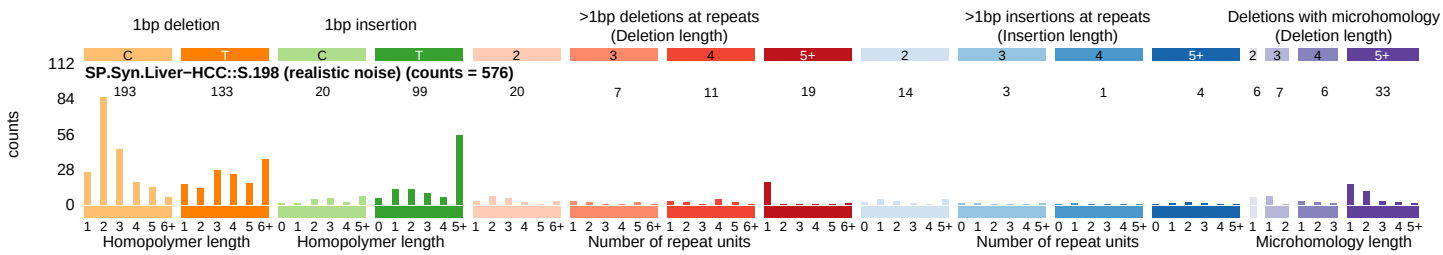
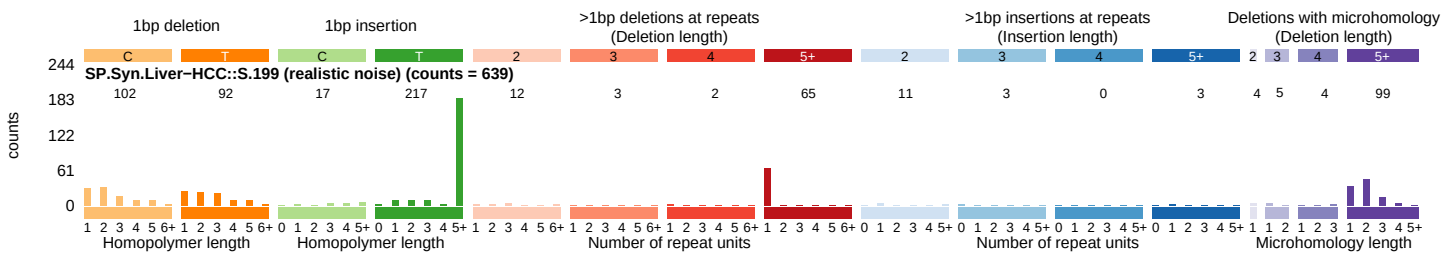
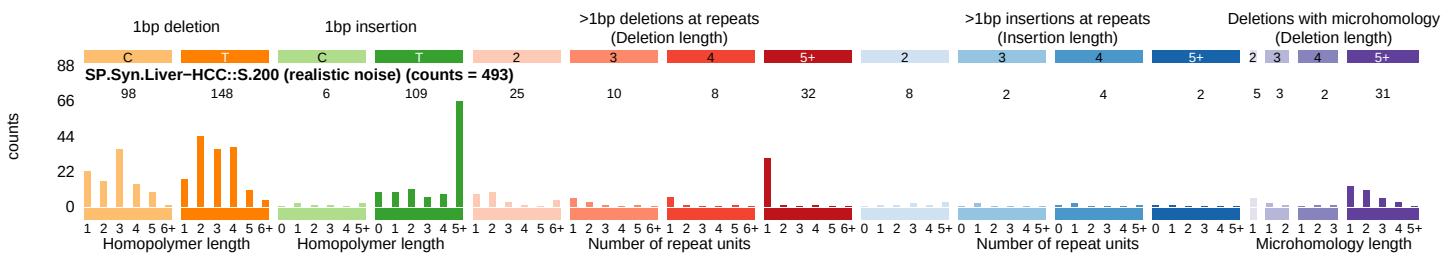
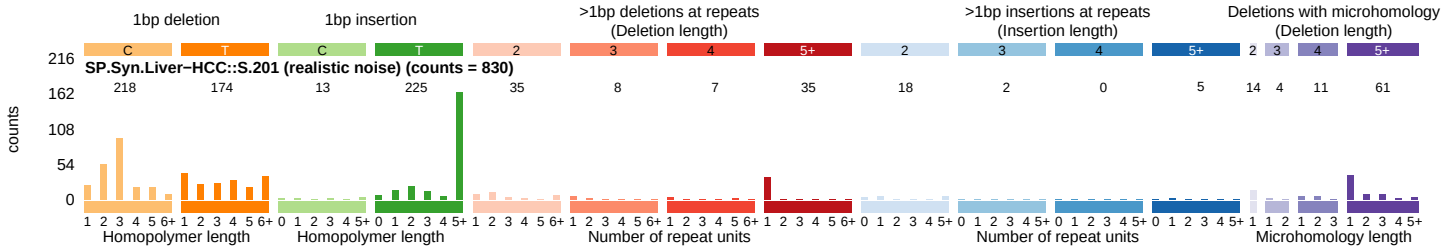
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.196 (realistic noise) (counts = 558)
128 119 7 99 19 11 6 35 7 1 1 8 8 4 6 99
counts
80 60 40 20 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 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.197 (realistic noise) (counts = 530)
41 83 39 262 26 10 5 15 13 3 4 1 1 5 7 15
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+ 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.198 (realistic noise) (counts = 576)
193 133 20 99 20 7 11 19 14 3 1 4 6 7 6 33
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


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.199 (realistic noise) (counts = 639)
102 92 17 217 12 3 2 65 11 3 0 3 4 5 4 99
counts
244 183 122 61 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 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.200 (realistic noise) (counts = 493)
98 148 6 109 25 10 8 32 8 2 4 2 5 3 2 31
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)
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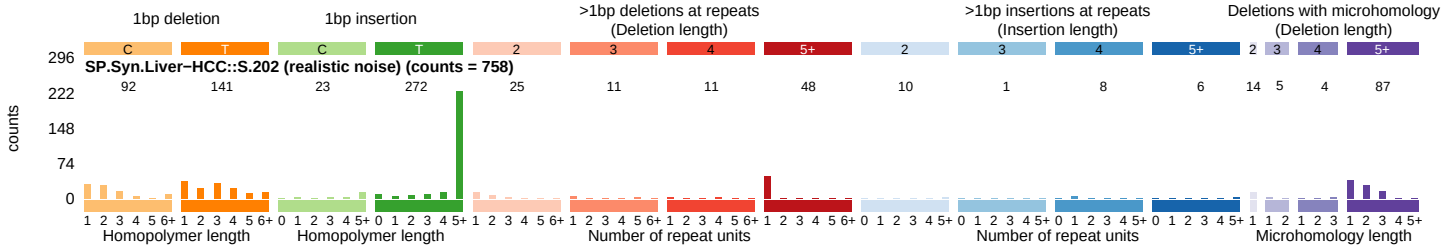
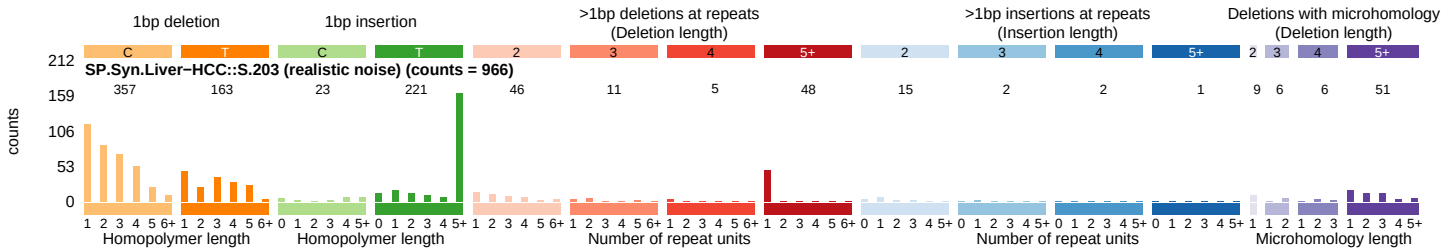
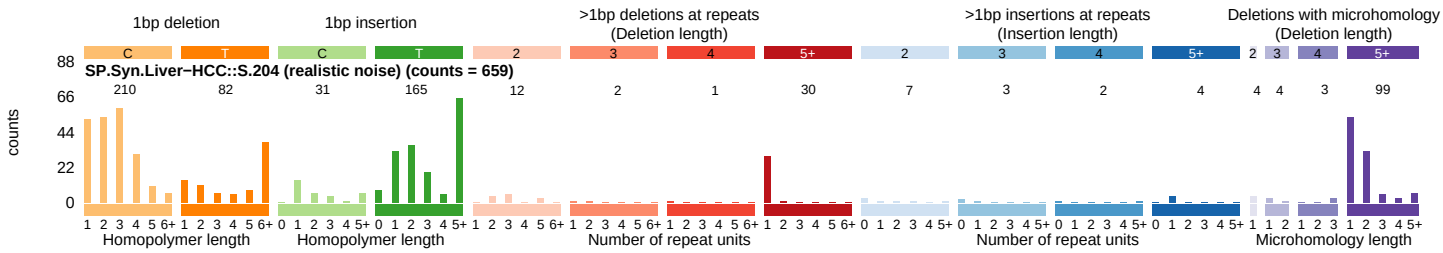
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.201 (realistic noise) (counts = 830)
218 174 13 225 35 8 7 35 18 2 0 5 14 4 11 61
counts
216 162 108 54 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology 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.Liver−HCC::S.202 (realistic noise) (counts = 758)
92 141 23 272 25 11 11 48 10 1 8 6 14 5 4 87
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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.203 (realistic noise) (counts = 966)
357 163 23 221 46 11 5 48 15 2 2 1 9 6 6 51
counts
212 159 106 53 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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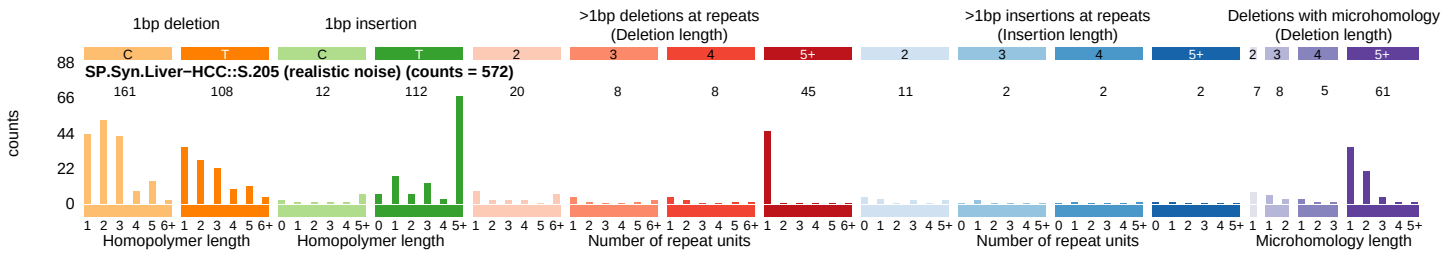
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.204 (realistic noise) (counts = 659)
210 82 31 165 12 2 1 30 7 3 2 4 4 4 3 99
counts
88 66 44 22 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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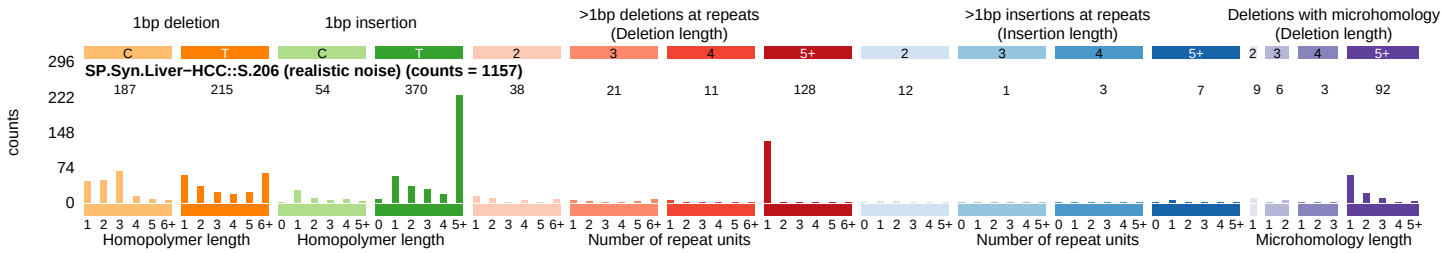
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.205 (realistic noise) (counts = 572)
161 108 12 112 20 8 8 45 11 2 2 2 7 8 5 61
counts
88 66 44 22 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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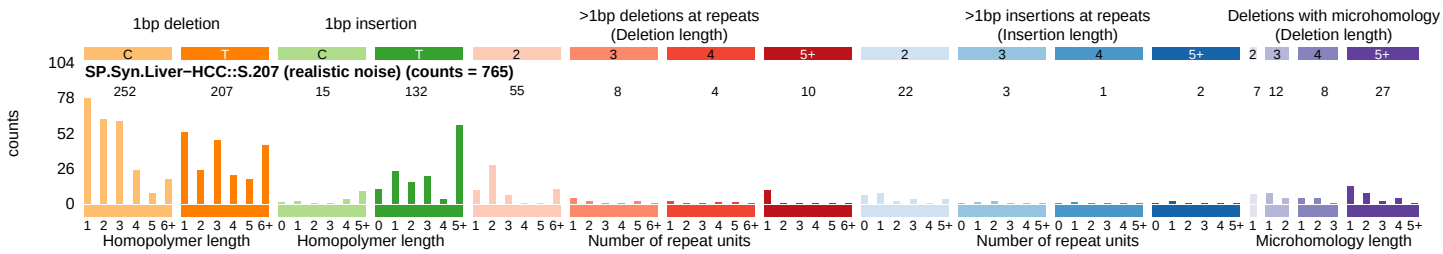
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.206 (realistic noise) (counts = 1157)
187 215 54 370 38 21 11 128 12 1 3 7 9 6 3 92
counts
296 222 148 74 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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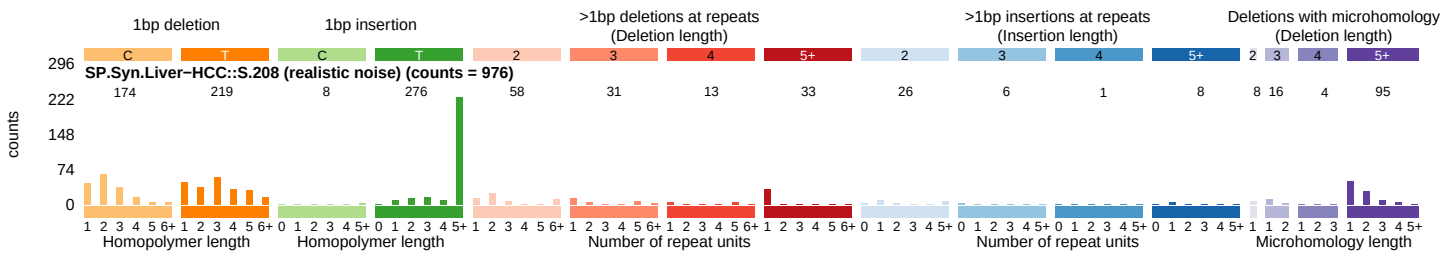
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.207 (realistic noise) (counts = 765)
252 207 15 132 55 8 4 10 22 3 1 2 7 12 8 27
counts
104 78 52 26 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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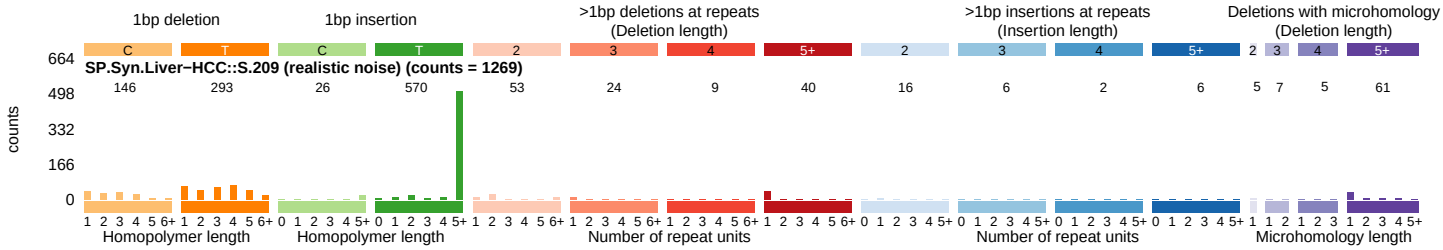
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.208 (realistic noise) (counts = 976)
174 219 8 276 58 31 13 33 26 6 1 8 8 16 4 95
counts
296 222 148 74 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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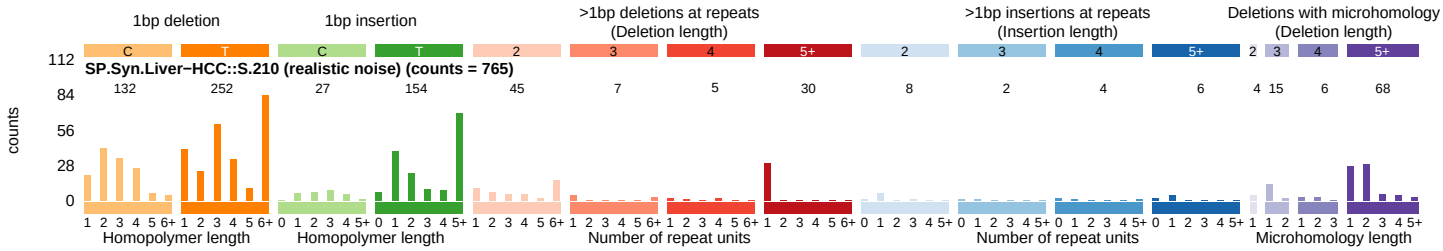
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.209 (realistic noise) (counts = 1269)
146 293 26 570 53 24 9 40 16 6 2 6 5 7 5 61
counts
664 498 332 166 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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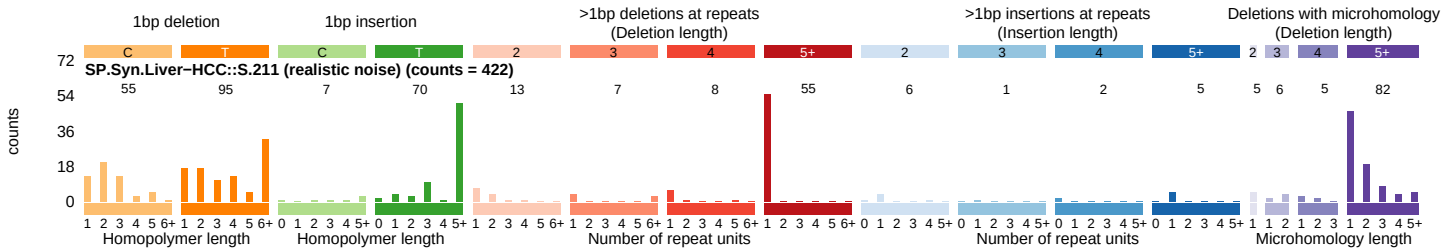
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.210 (realistic noise) (counts = 765)
132 252 27 154 45 7 5 30 8 2 4 6 4 15 6 68
counts
112 84 56 28 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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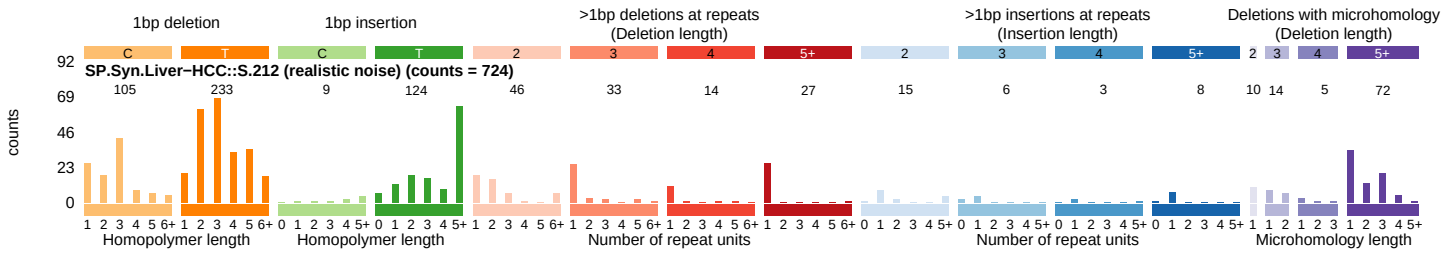
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.211 (realistic noise) (counts = 422)
55 95 7 70 13 7 8 55 6 1 2 5 5 6 5 82
counts
72 54 36 18 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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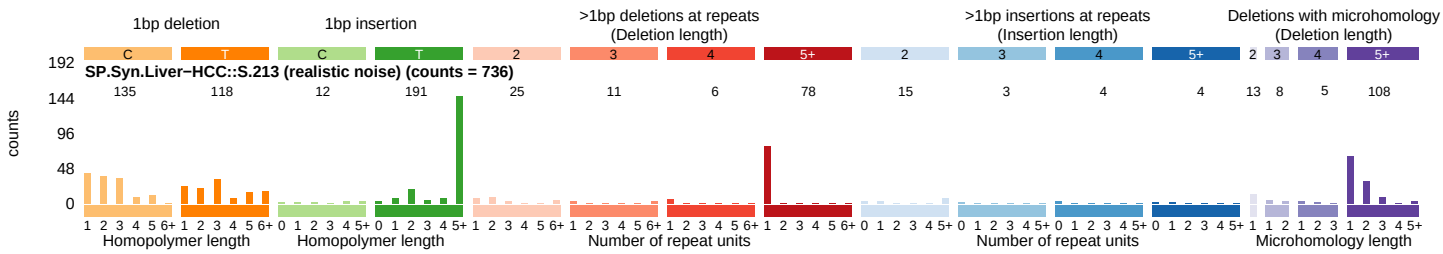
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.212 (realistic noise) (counts = 724)
105 233 9 124 46 33 14 27 15 6 3 8 10 14 5 72
counts
92 69 46 23 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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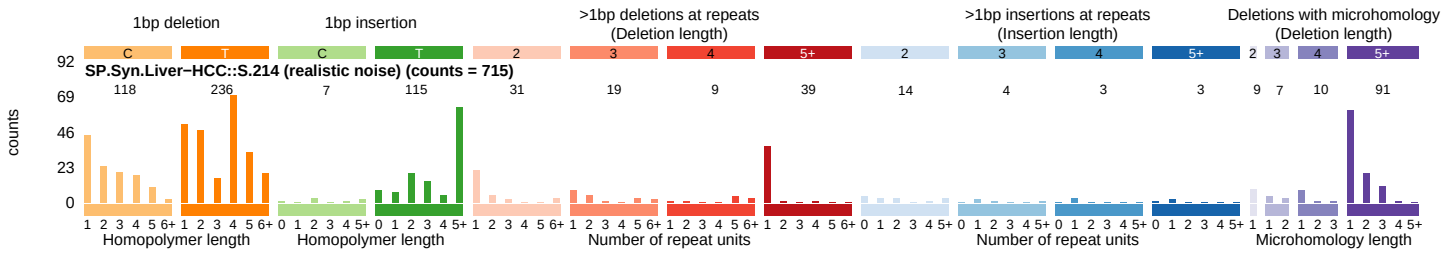
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.213 (realistic noise) (counts = 736)
135 118 12 191 25 11 6 78 15 3 4 4 13 8 5 108
counts
192 144 96 48 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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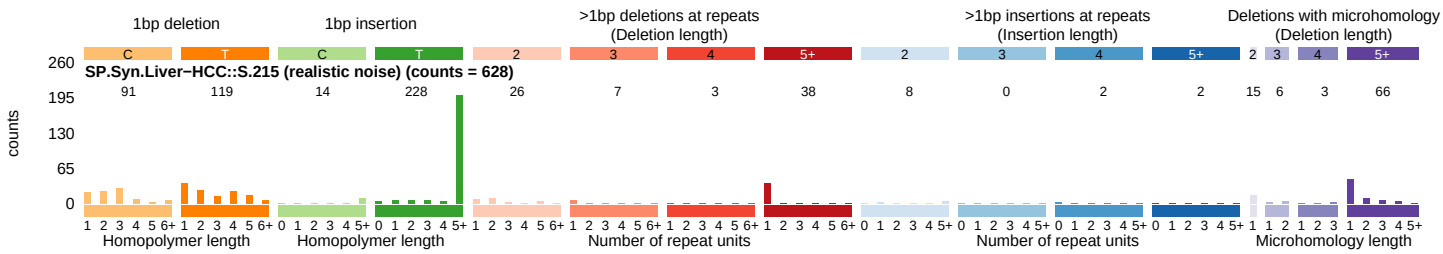
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.214 (realistic noise) (counts = 715)
118 236 7 115 31 19 9 39 14 4 3 3 9 7 10 91
counts
92 69 46 23 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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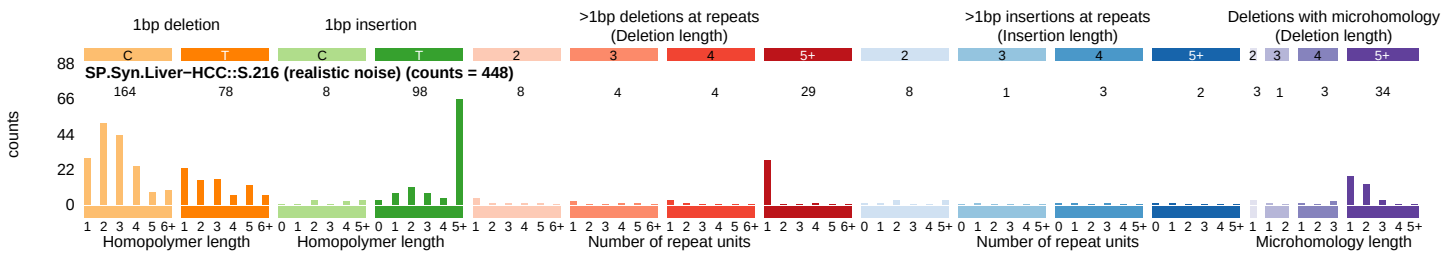
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.215 (realistic noise) (counts = 628)
91 119 14 228 26 7 3 38 8 0 2 2 15 6 3 66
counts
260 195 130 65 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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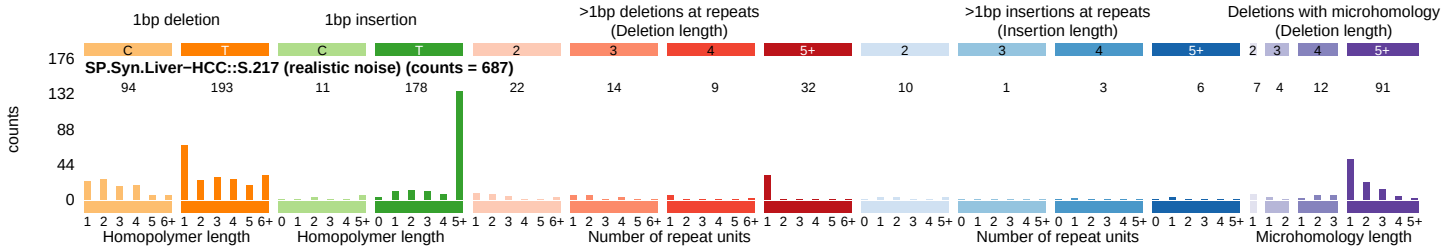
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.216 (realistic noise) (counts = 448)
164 78 8 98 8 4 4 29 8 1 3 2 3 1 3 34
counts
88 66 44 22 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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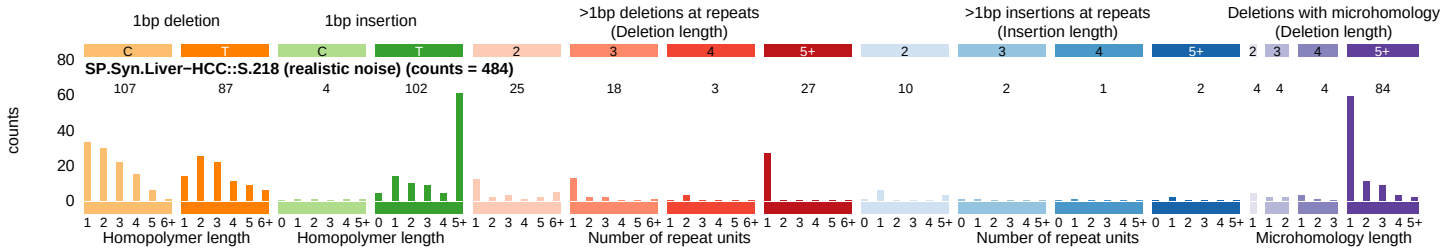
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.217 (realistic noise) (counts = 687)
94 193 11 178 22 14 9 32 10 1 3 6 7 4 12 91
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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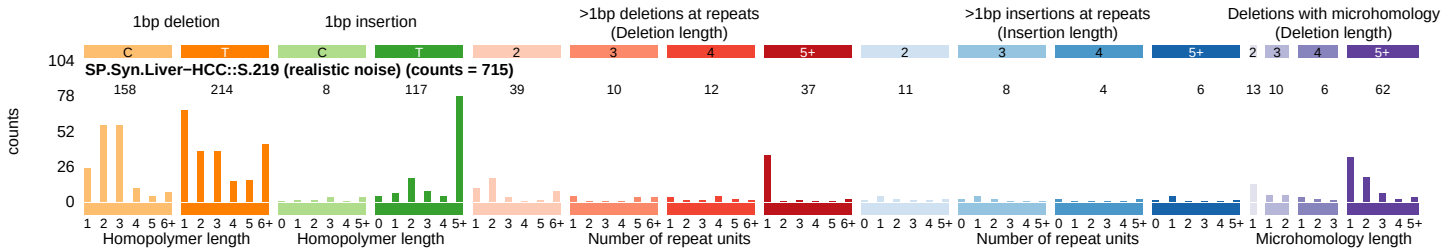
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.218 (realistic noise) (counts = 484)
107 87 4 102 25 18 3 27 10 2 1 2 4 4 4 84
counts
Homopolymer length
Number of repeat units
Microhomology length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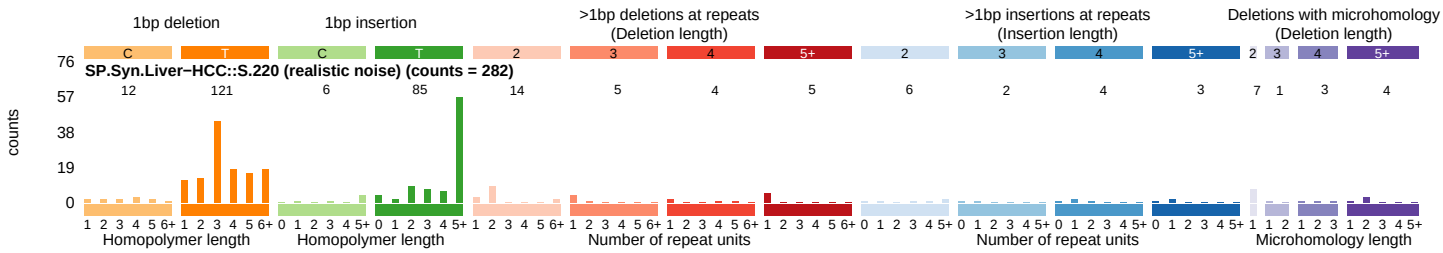
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.219 (realistic noise) (counts = 715)
158 214 8 117 39 10 12 37 11 8 4 6 13 10 6 62
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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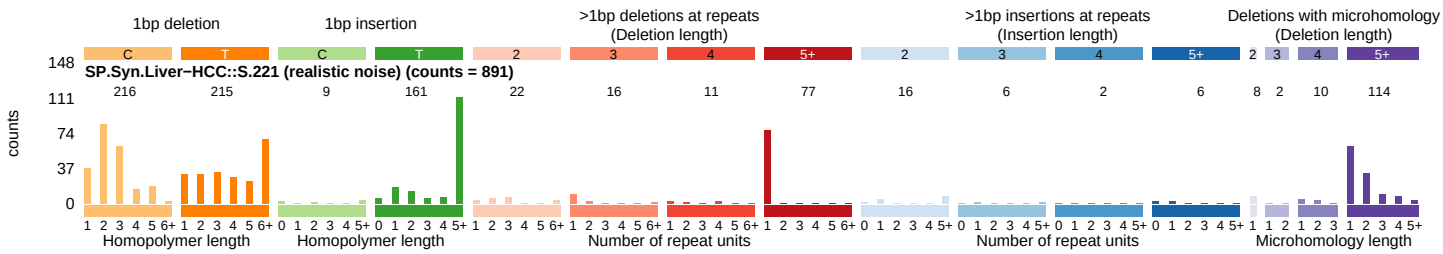
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.220 (realistic noise) (counts = 282)
12 121 6 85 14 5 4 5 6 2 4 3 7 1 3 4
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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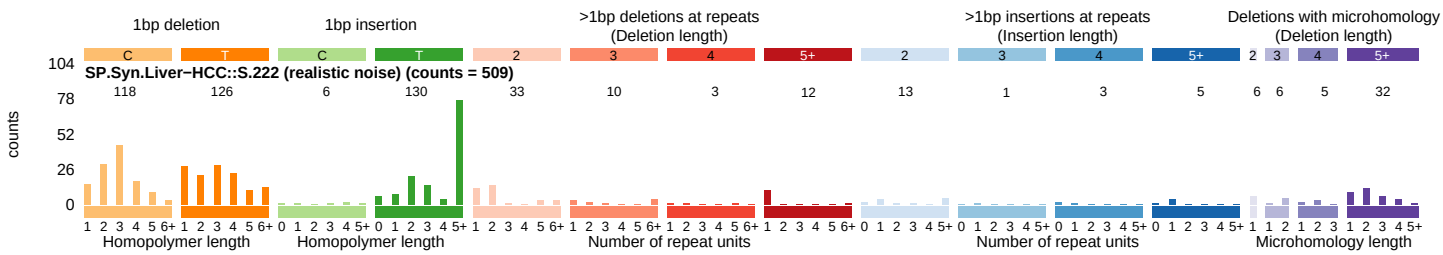
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.221 (realistic noise) (counts = 891)
216 215 9 161 22 16 11 77 16 6 2 6 8 2 10 114
counts
Homopolymer length
Number of repeat units
Microhomology length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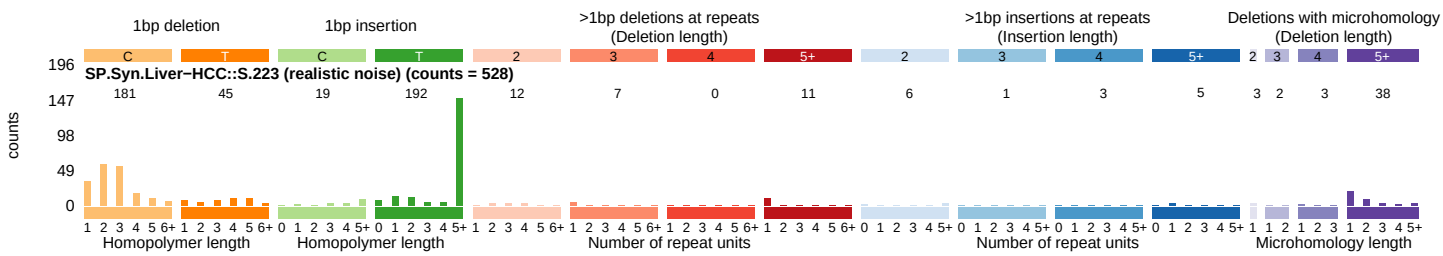
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.222 (realistic noise) (counts = 509)
118 126 6 130 33 10 3 12 13 1 3 5 6 6 5 32
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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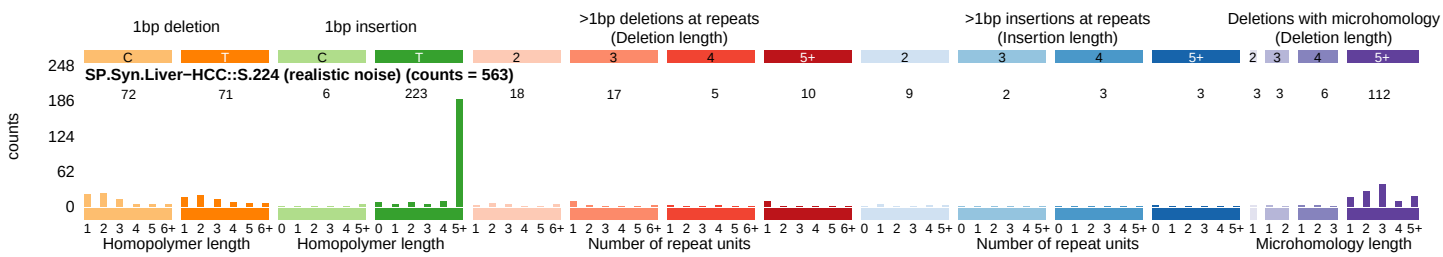
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.223 (realistic noise) (counts = 528)
181 45 19 192 12 7 0 11 6 1 3 5 3 2 3 38
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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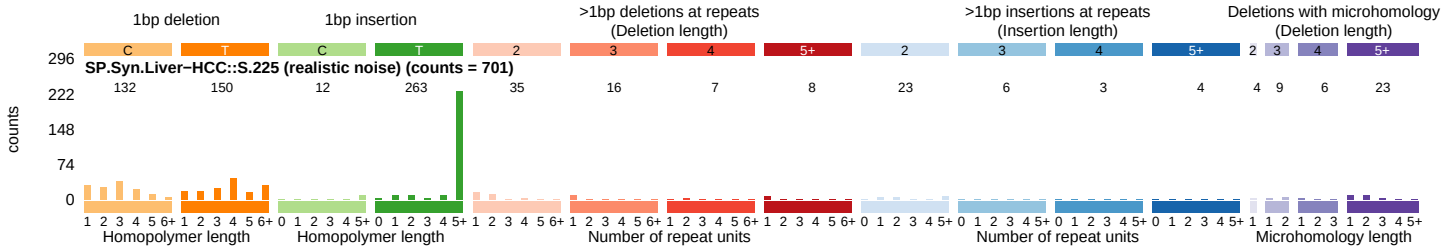
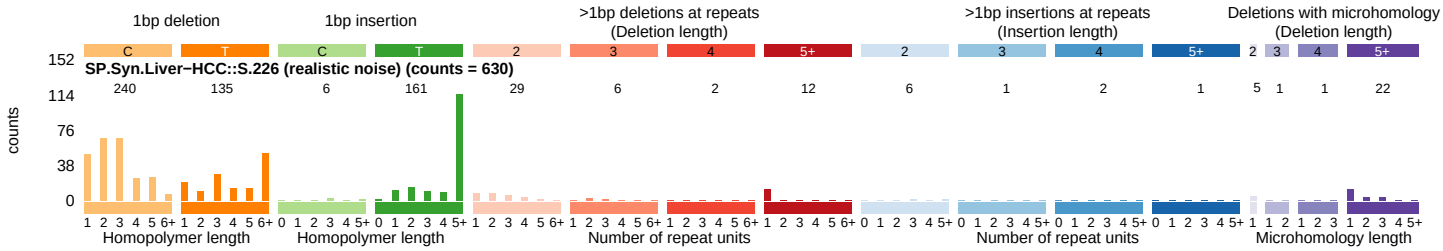
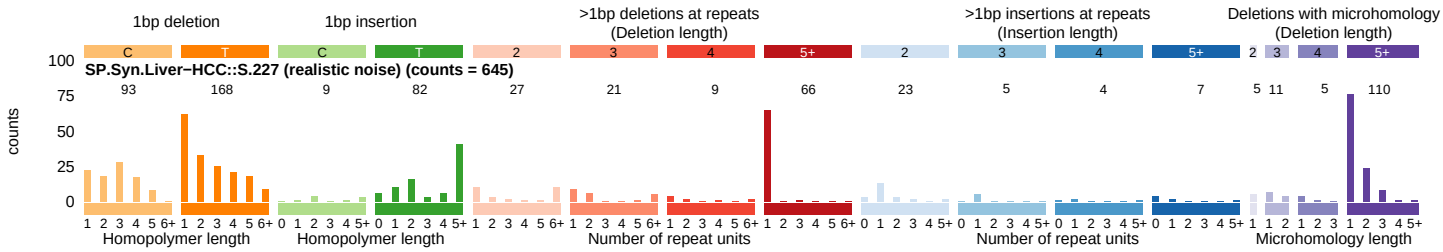
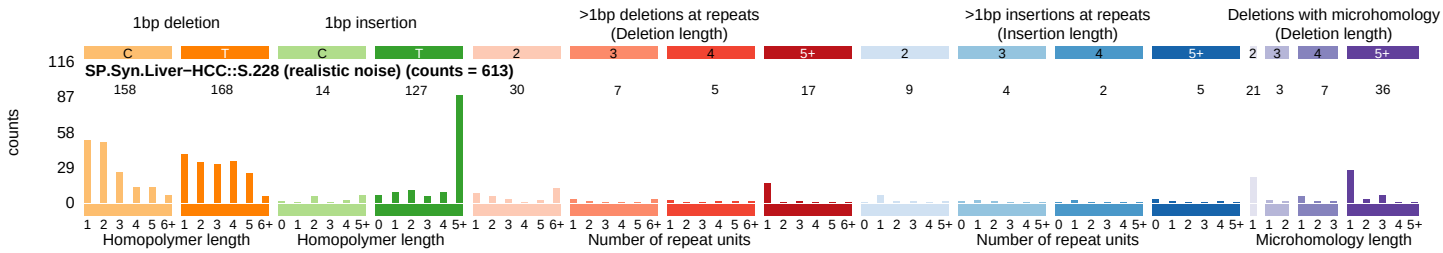
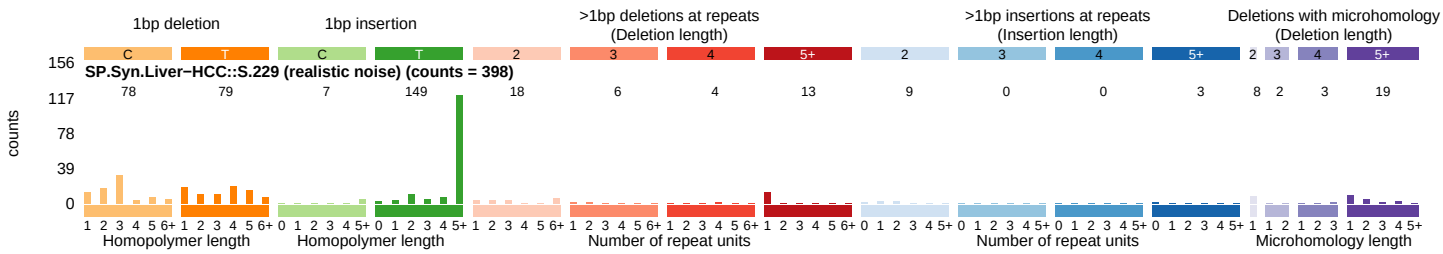
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.224 (realistic noise) (counts = 563)
72 71 6 223 18 17 5 10 9 2 3 3 3 3 6 112
counts
Homopolymer length
Number of repeat units
Microhomology length

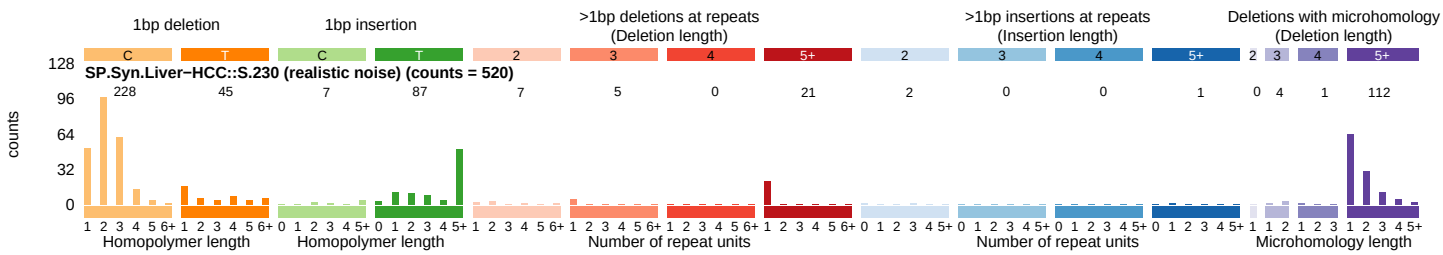

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.225 (realistic noise) (counts = 701)
132 150 12 263 35 16 7 8 23 6 3 4 4 9 6 23
counts
Homopolymer length
Number of repeat units
Microhomology length

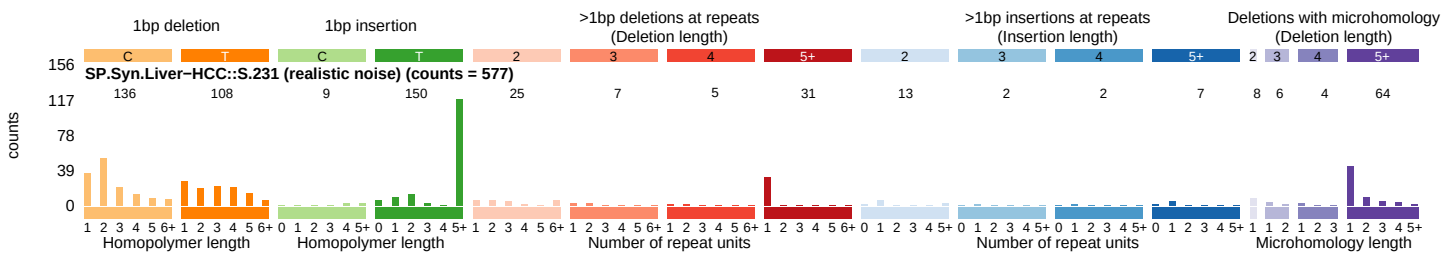

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.226 (realistic noise) (counts = 630)
240 135 6 161 29 6 2 12 6 1 2 1 5 1 1 22
counts
Homopolymer length
Number of repeat units
Microhomology length

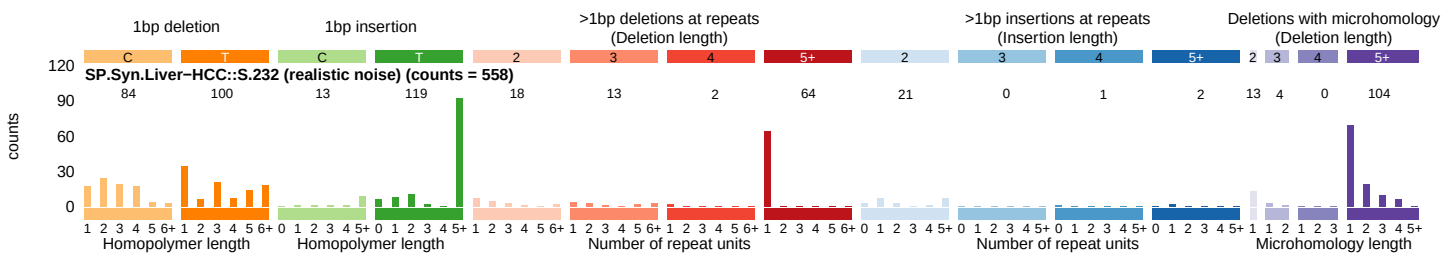

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.227 (realistic noise) (counts = 645)
93 168 9 82 27 21 9 66 23 5 4 7 5 11 5 110
counts
Homopolymer length
Number of repeat units
Microhomology length

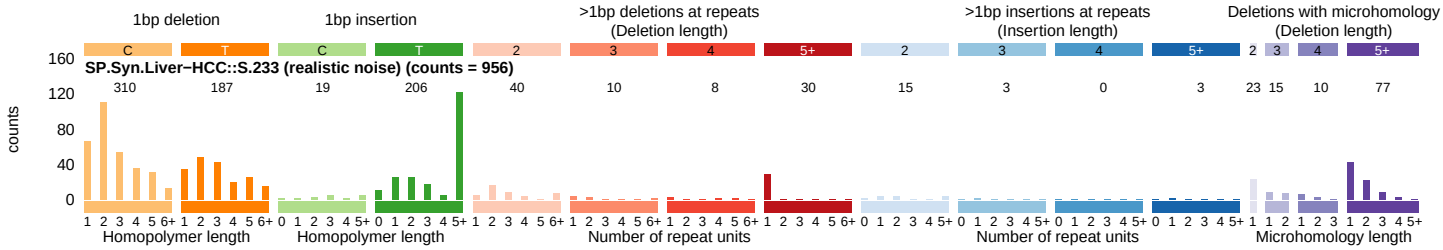

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.228 (realistic noise) (counts = 613)
158 168 14 127 30 7 5 17 9 4 2 5 21 3 7 36
counts
Homopolymer length
Number of repeat 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.229 (realistic noise) (counts = 398)
78 79 7 149 18 6 4 13 9 0 0 3 8 2 3 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.230 (realistic noise) (counts = 520)
228 45 7 87 7 5 0 21 2 0 0 1 0 4 1 112
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.Liver−HCC::S.231 (realistic noise) (counts = 577)
136 108 9 150 25 7 5 31 13 2 2 7 8 6 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.232 (realistic noise) (counts = 558)
84 100 13 119 18 13 2 64 21 0 1 2 13 4 0 104
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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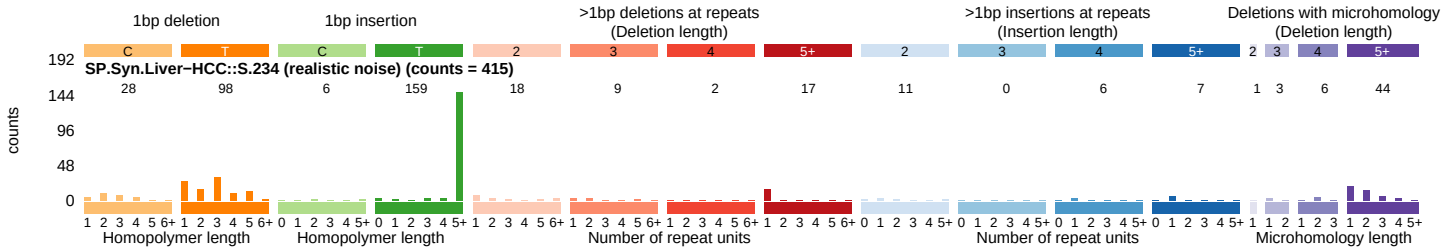
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.233 (realistic noise) (counts = 956)
310 187 19 206 40 10 8 30 15 3 0 3 23 15 10 77
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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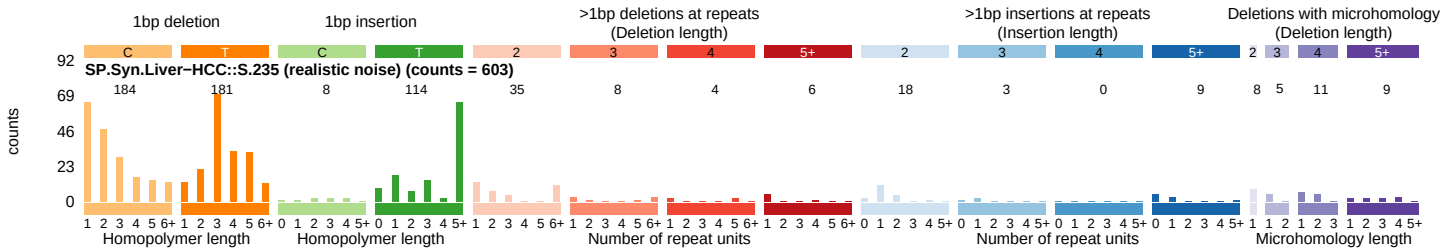
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.234 (realistic noise) (counts = 415)
28 98 6 159 18 9 2 17 11 0 6 7 1 3 6 44
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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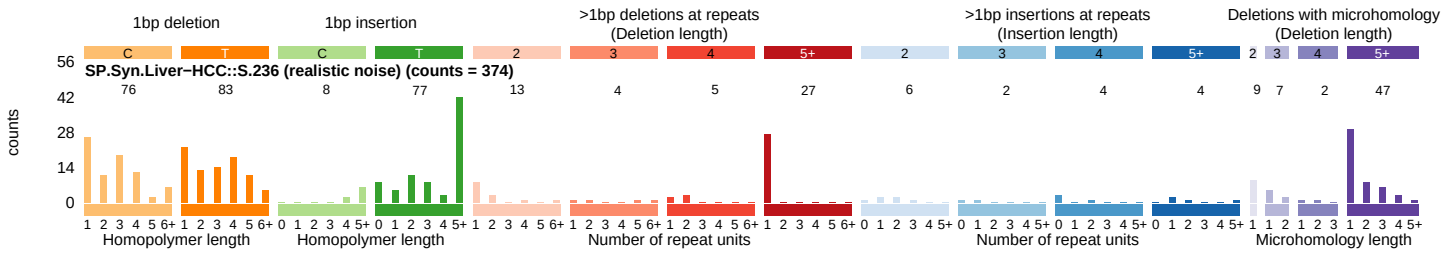
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.235 (realistic noise) (counts = 603)
184 181 8 114 35 8 4 6 18 3 0 9 8 5 11 9
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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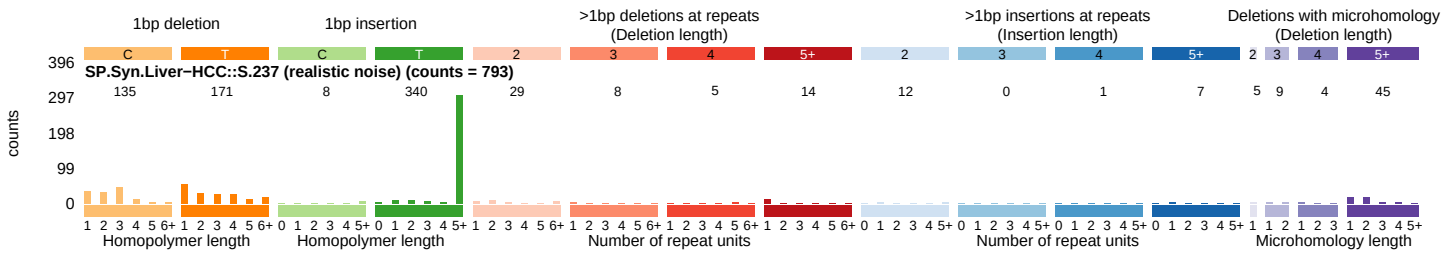
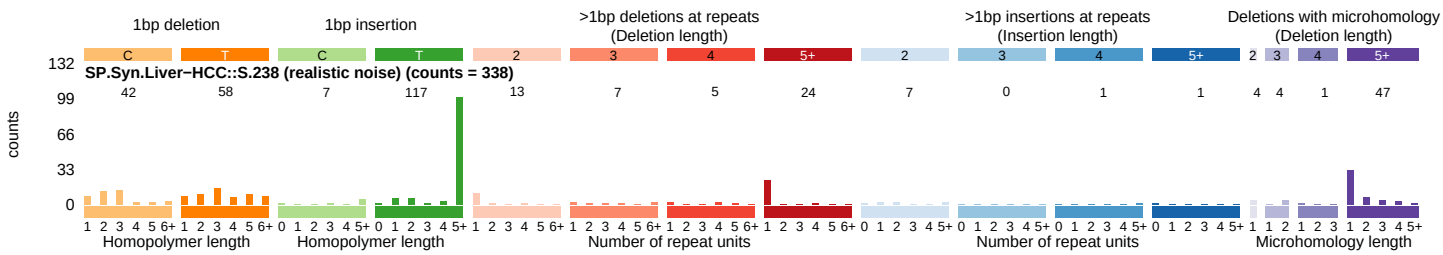
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.236 (realistic noise) (counts = 374)
76 83 8 77 13 4 5 27 6 2 4 4 9 7 2 47
counts
Homopolymer length
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.Liver−HCC::S.237 (realistic noise) (counts = 793)
135 171 8 340 29 8 5 14 12 0 1 7 5 9 4 45
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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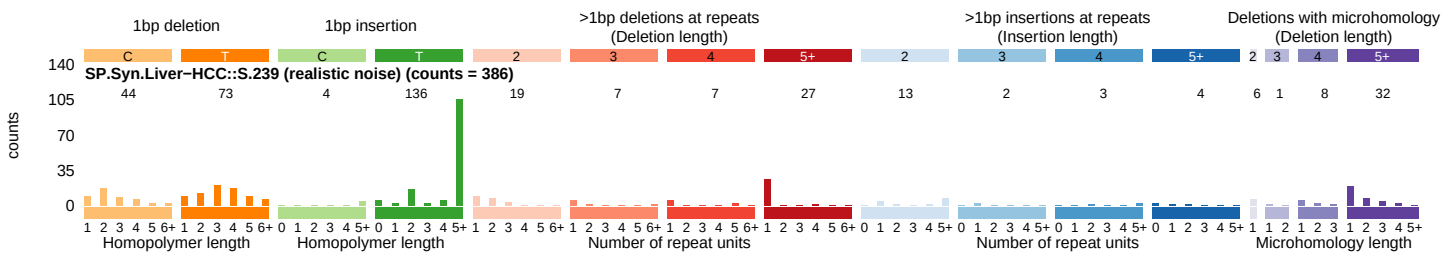
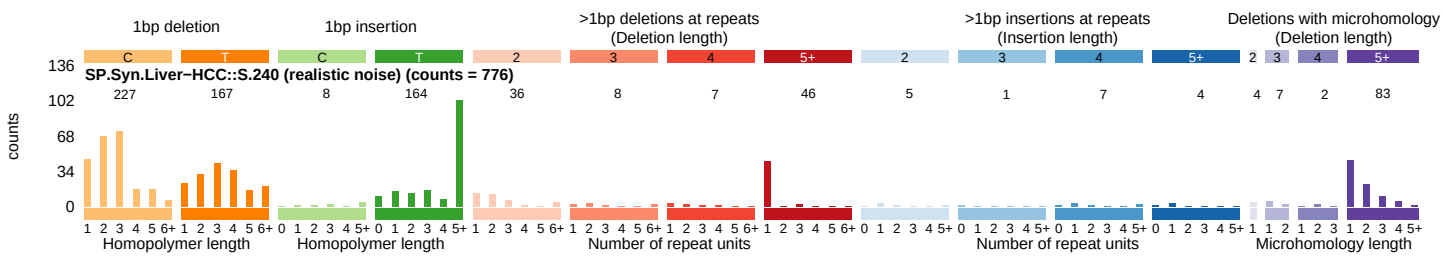
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.238 (realistic noise) (counts = 338)
42 58 7 117 13 7 5 24 7 0 1 1 4 4 1 47
counts
Homopolymer 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.Liver−HCC::S.239 (realistic noise) (counts = 386)
44 73 4 136 19 7 7 27 13 2 3 4 6 1 8 32
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)
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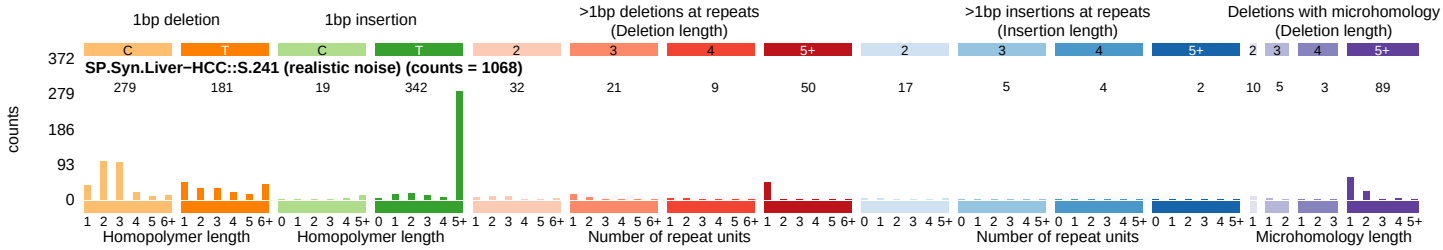
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.240 (realistic noise) (counts = 776)
227 167 8 164 36 8 7 46 5 1 7 4 4 7 2 83
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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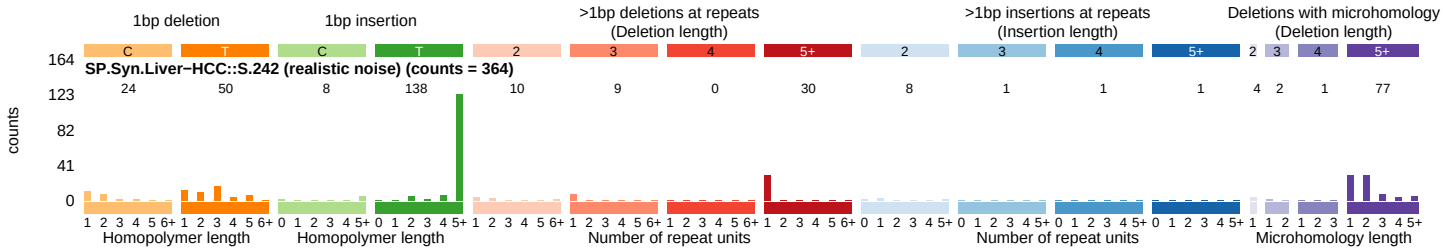
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.241 (realistic noise) (counts = 1068)
counts
Homopolymer length
Number of repeat units
Microhomology length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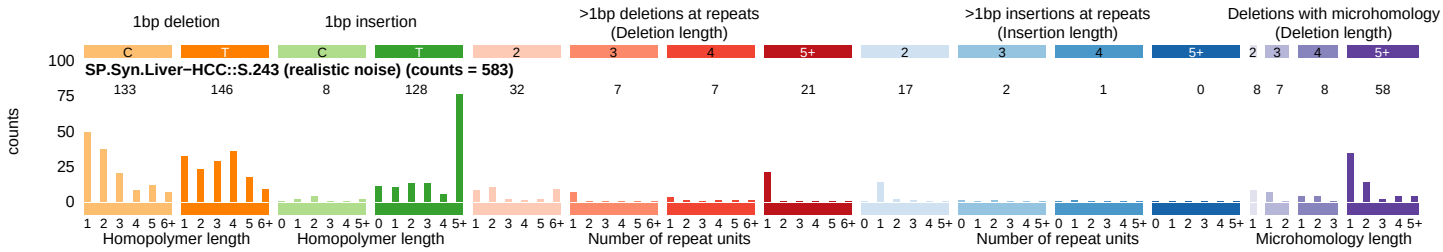
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.242 (realistic noise) (counts = 364)
counts
Homopolymer length
Number of repeat units
Microhomology length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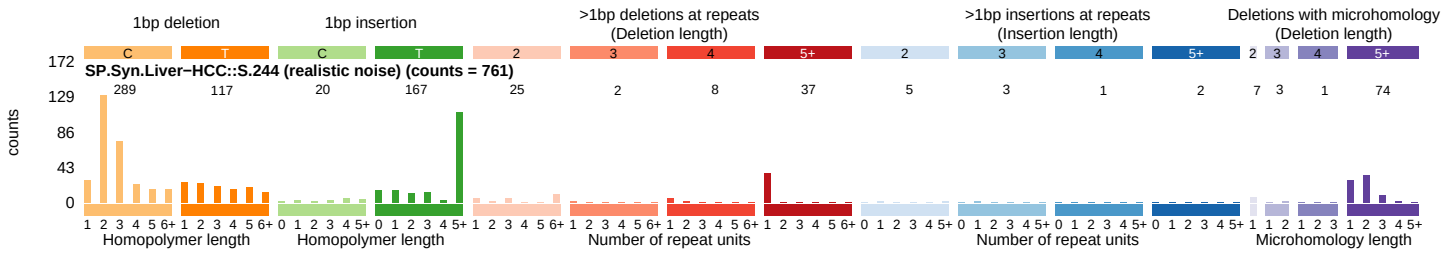
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.243 (realistic noise) (counts = 583)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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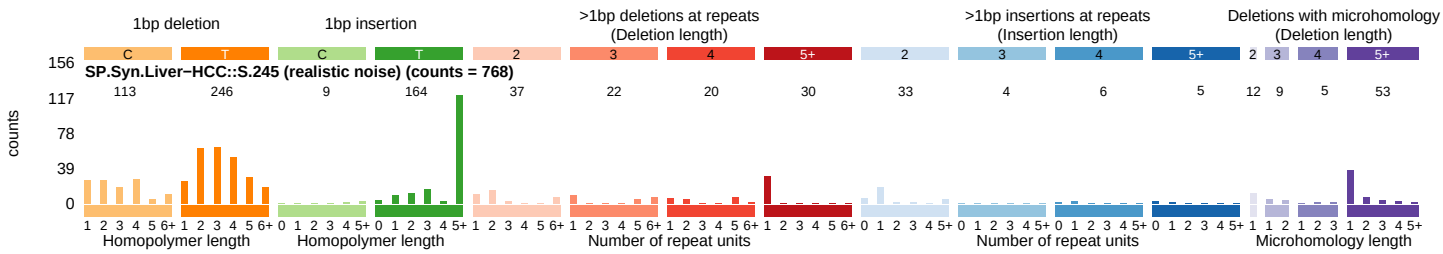
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.244 (realistic noise) (counts = 761)
counts
Homopolymer length
Number of repeat units
Microhomology length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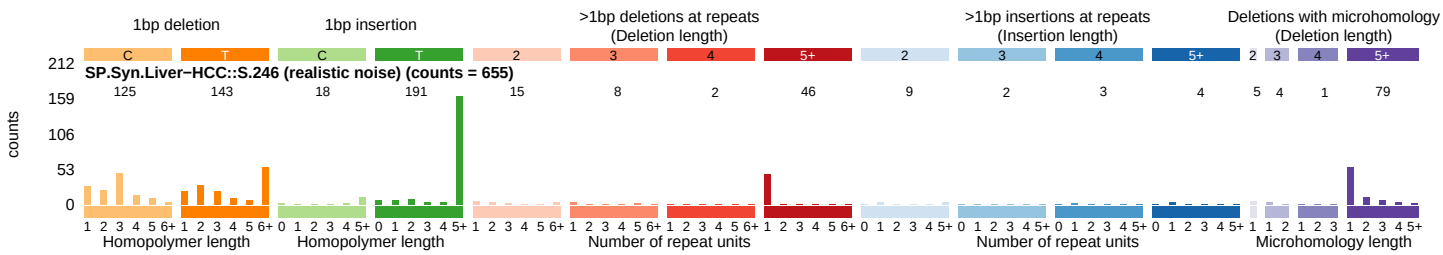
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.245 (realistic noise) (counts = 768)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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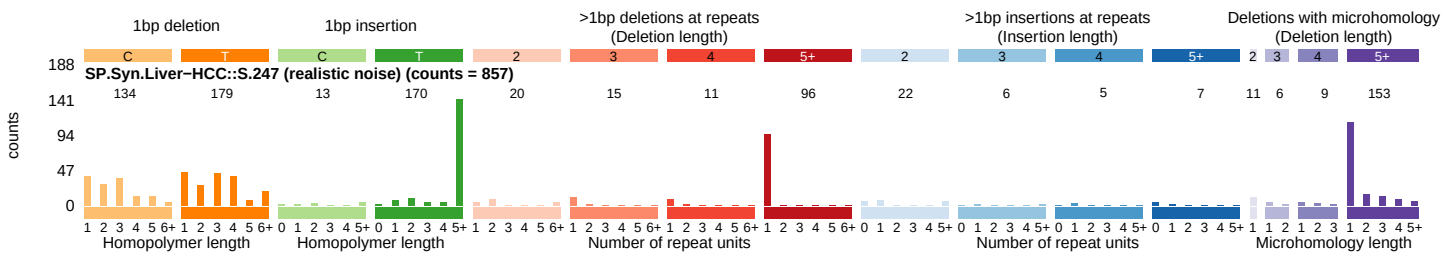
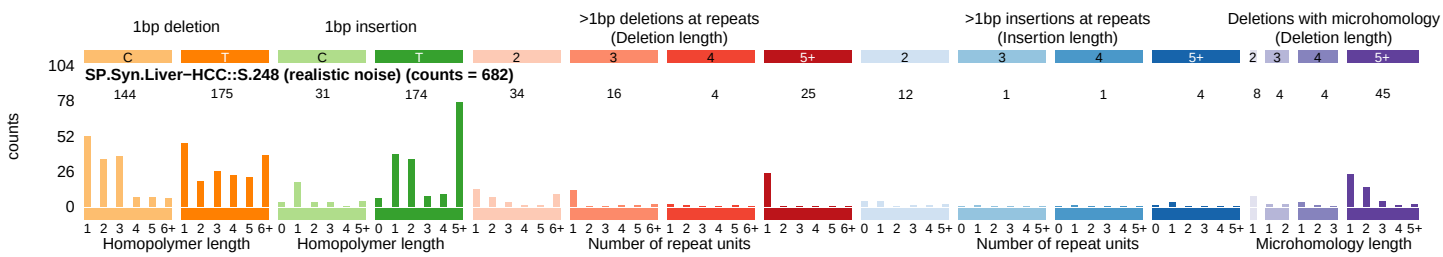
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.246 (realistic noise) (counts = 655)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.247 (realistic noise) (counts = 857)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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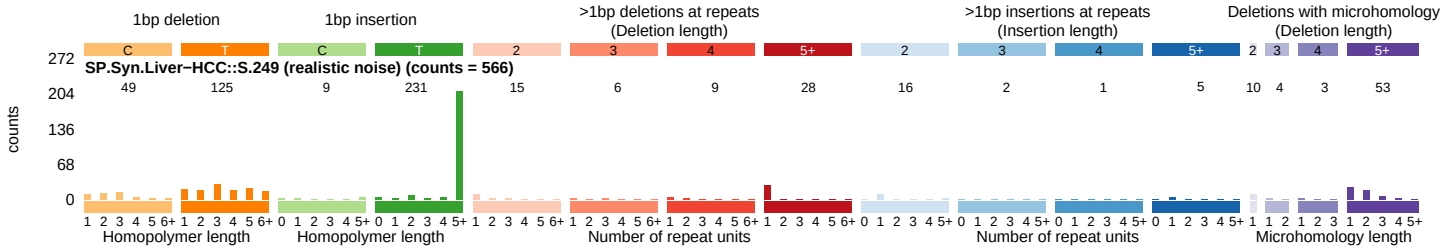
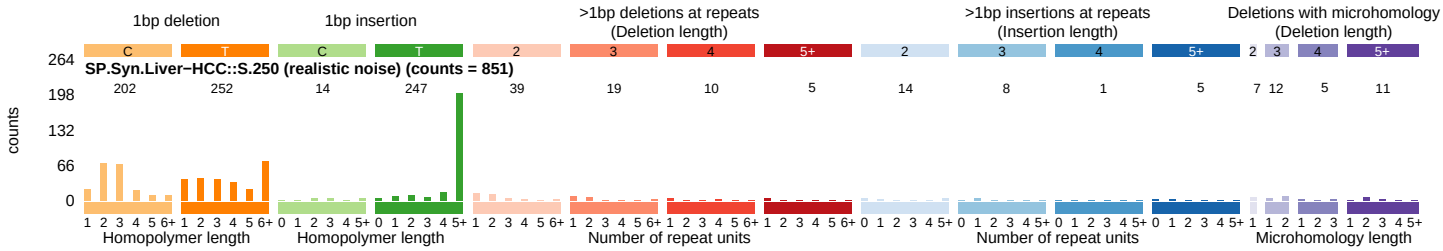
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.248 (realistic noise) (counts = 682)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.249 (realistic noise) (counts = 566)
49 125 9 231 15 6 9 28 16 2 1 5 10 4 3 53
counts
272 204 136 68 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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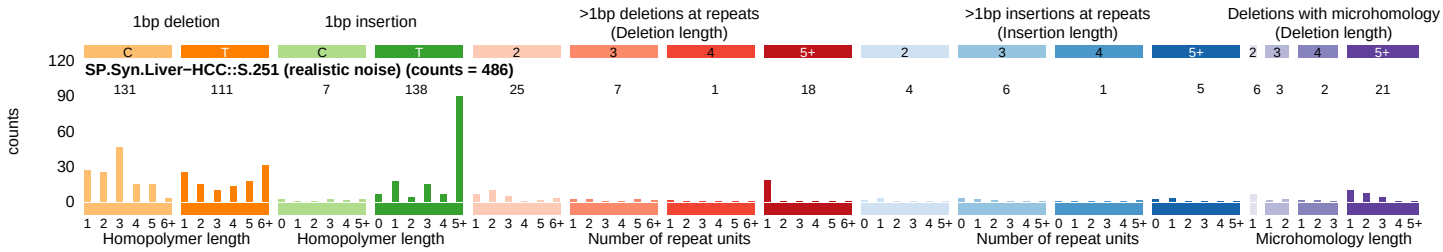
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.250 (realistic noise) (counts = 851)
202 252 14 247 39 19 10 5 14 8 1 5 7 12 5 11
counts
264 198 132 66 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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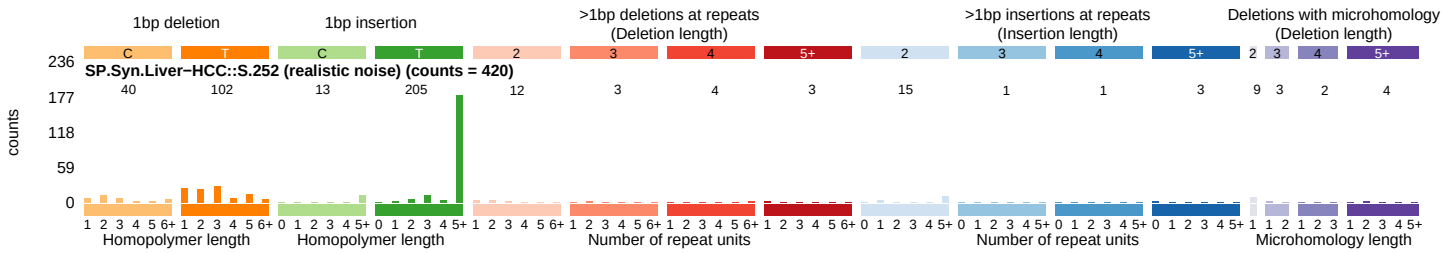
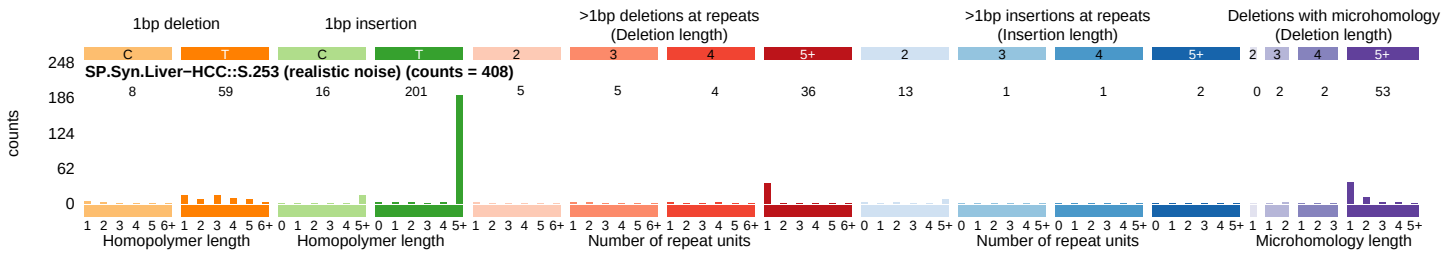
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.251 (realistic noise) (counts = 486)
131 111 7 138 25 7 1 18 4 6 1 5 6 3 2 21
counts
120 90 60 30 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 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.252 (realistic noise) (counts = 420)
40 102 13 205 12 3 4 3 15 1 1 3 9 3 2 4
counts
236 177 118 59 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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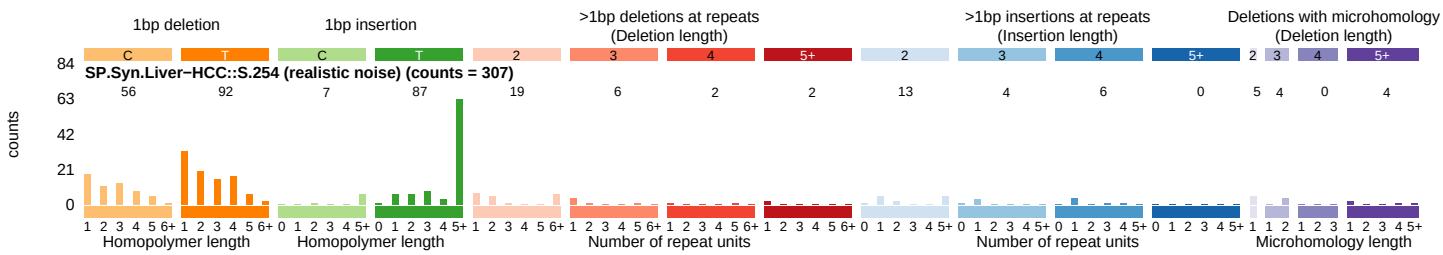
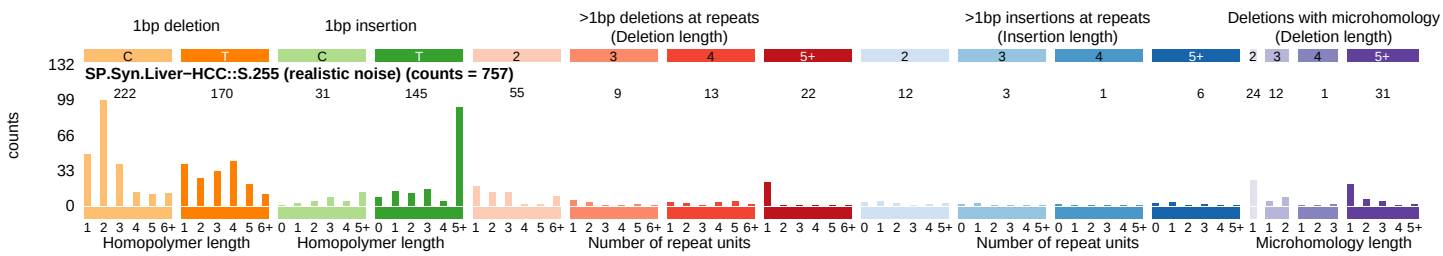
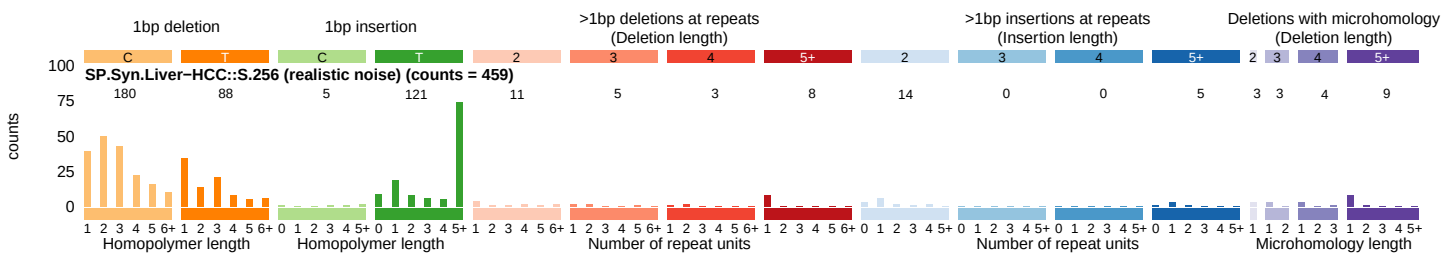
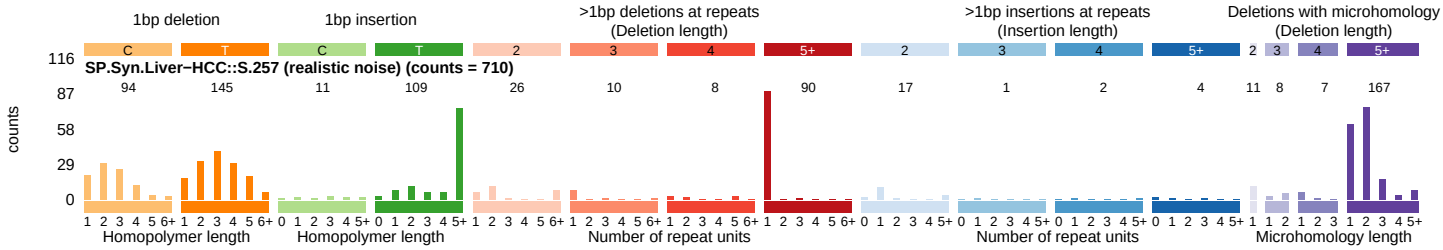
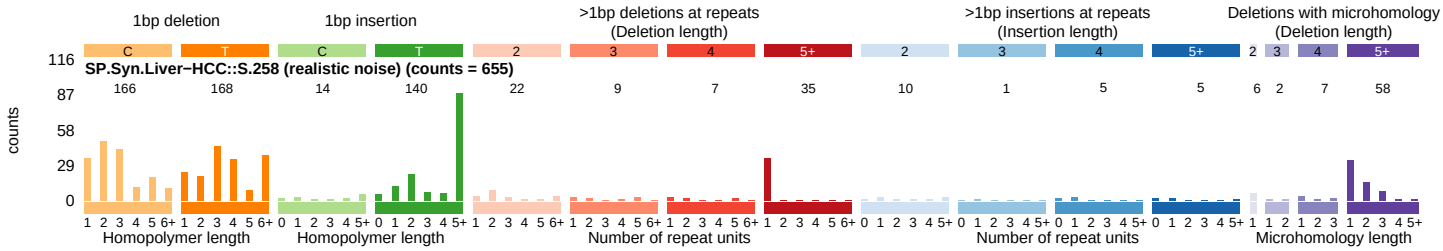
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.253 (realistic noise) (counts = 408)
8 59 16 201 5 5 4 36 13 1 1 2 0 2 2 53
counts
248 186 124 62 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion 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.254 (realistic noise) (counts = 307)
56 92 7 87 19 6 2 2 13 4 6 0 5 4 0 4
counts
84 63 42 21 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.255 (realistic noise) (counts = 757)
222 170 31 145 55 9 13 22 12 3 1 6 24 12 1 31
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.256 (realistic noise) (counts = 459)
180 88 5 121 11 5 3 8 14 0 0 5 3 3 4 9
counts
100 75 50 25 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.257 (realistic noise) (counts = 710)
94 145 11 109 26 10 8 90 17 1 2 4 11 8 7 167
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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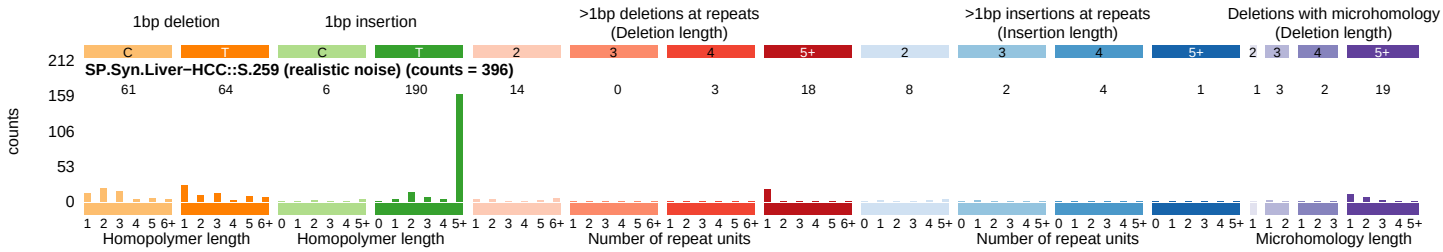
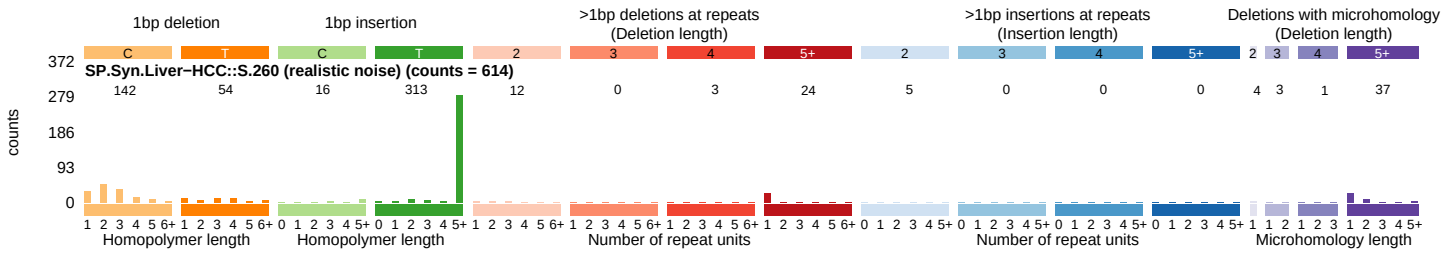
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.258 (realistic noise) (counts = 655)
166 168 14 140 22 9 7 35 10 1 5 5 6 2 7 58
counts
Homopolymer length
Number of repeat units
Microhomology length


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.259 (realistic noise) (counts = 396)
61 64 6 190 14 0 3 18 8 2 4 1 1 3 2 19
counts
Homopolymer length
Number of repeat units
Microhomology length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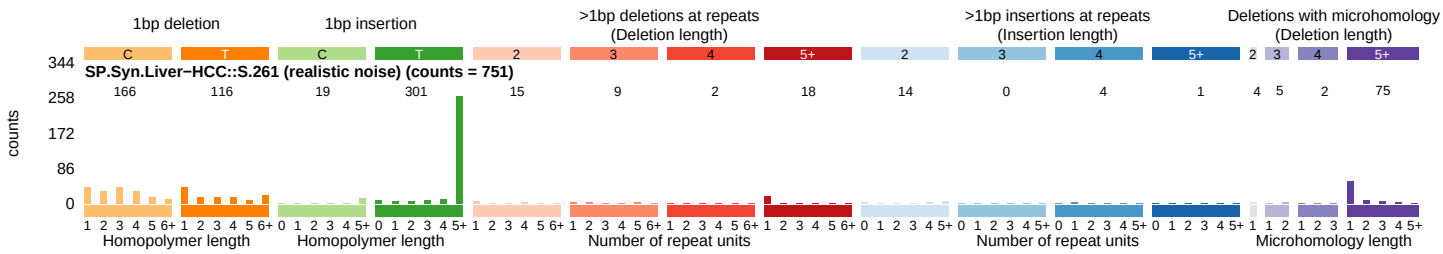
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.260 (realistic noise) (counts = 614)
142 54 16 313 12 0 3 24 5 0 0 0 4 3 1 37
counts
Homopolymer length
Number of repeat units
Microhomology length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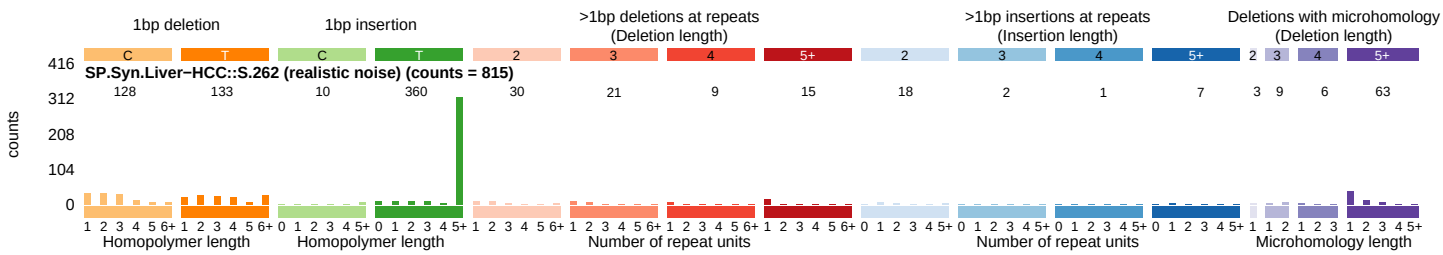
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.261 (realistic noise) (counts = 751)
166 116 19 301 15 9 2 18 14 0 4 1 4 5 2 75
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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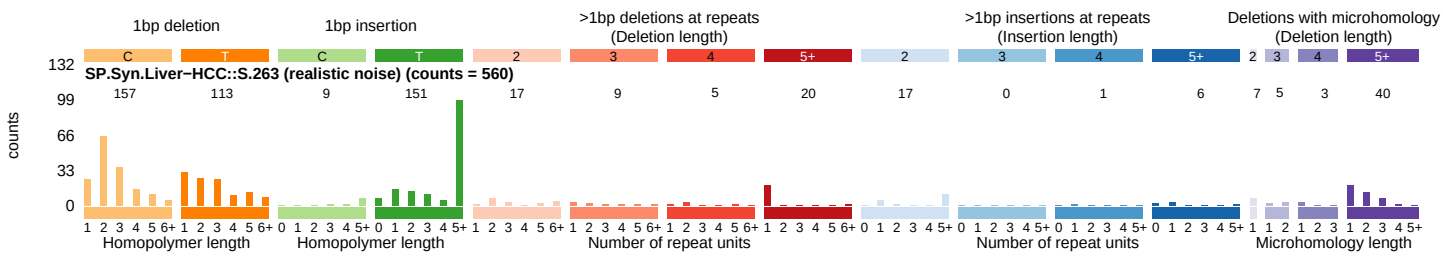
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.262 (realistic noise) (counts = 815)
128 133 10 360 30 21 9 15 18 2 1 7 3 9 6 63
counts
Homopolymer length
Number of repeat units
Microhomology length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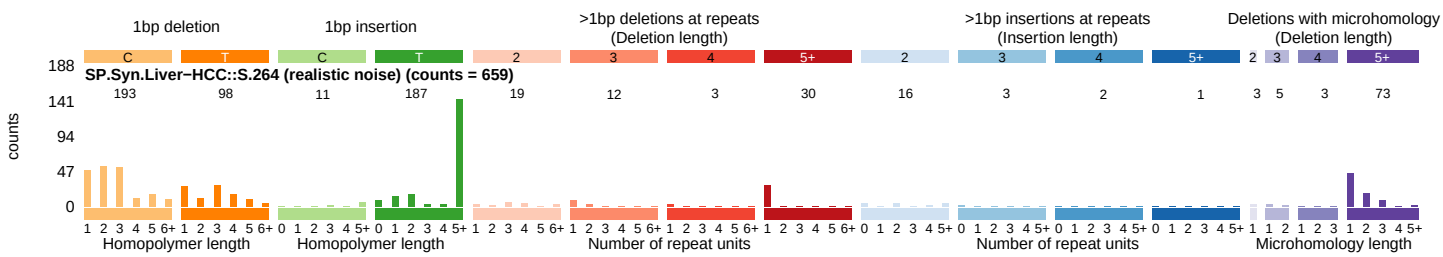
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.263 (realistic noise) (counts = 560)
157 113 9 151 17 9 5 20 17 0 1 6 7 5 3 40
counts
Homopolymer length
Number of repeat units
Microhomology length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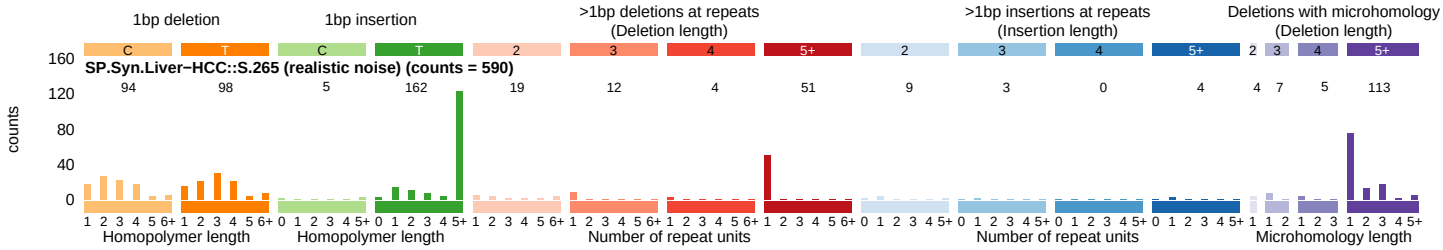
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.264 (realistic noise) (counts = 659)
193 98 11 187 19 12 3 30 16 3 2 1 3 5 3 73
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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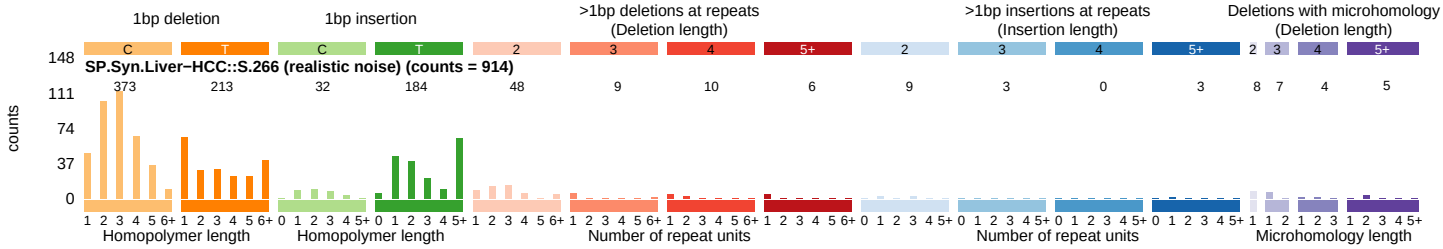
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.265 (realistic noise) (counts = 590)
94 98 5 162 19 12 4 51 9 3 0 4 4 7 5 113
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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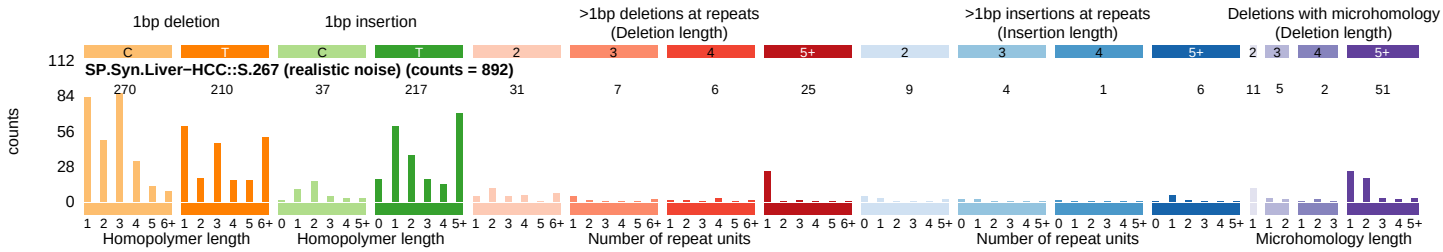
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.266 (realistic noise) (counts = 914)
373 213 32 184 48 9 10 6 9 3 0 3 8 7 4 5
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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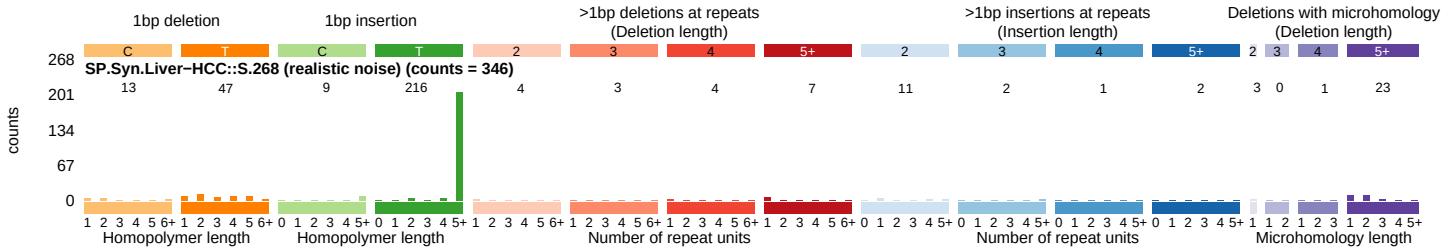
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.267 (realistic noise) (counts = 892)
270 210 37 217 31 7 6 25 9 4 1 6 11 5 2 51
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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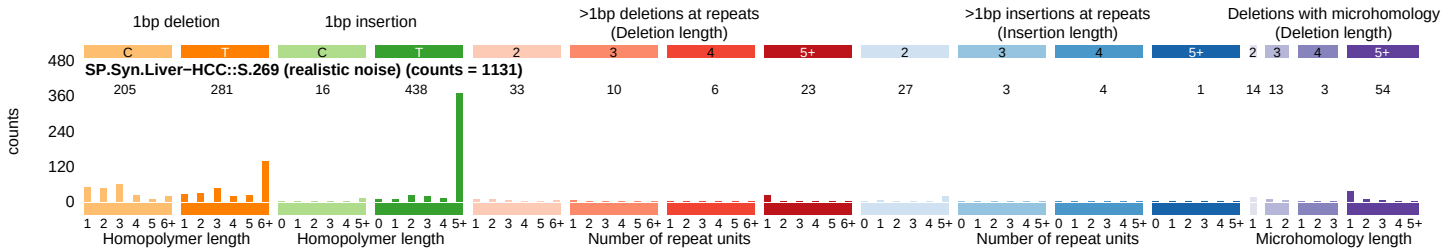
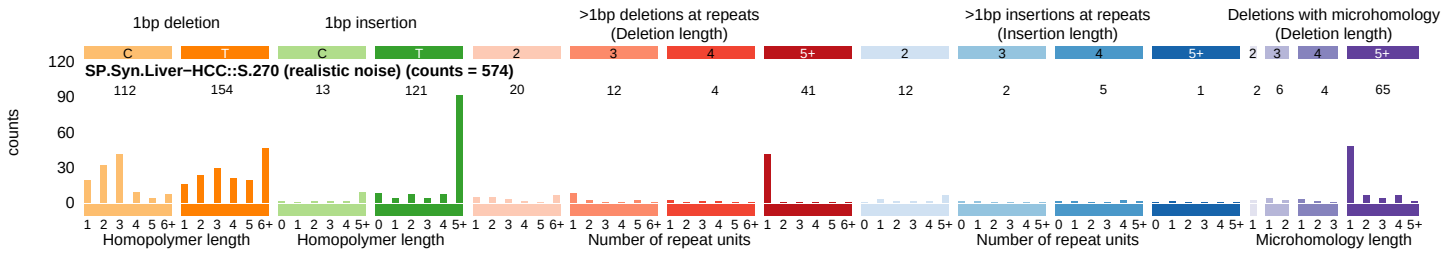
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.268 (realistic noise) (counts = 346)
13 47 9 216 4 3 4 7 11 2 1 2 3 0 1 23
counts
Homopolymer length
Number of repeat units
Microhomology length


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.Liver−HCC::S.269 (realistic noise) (counts = 1131)
205 281 16 438 33 10 6 23 27 3 4 1 14 13 3 54
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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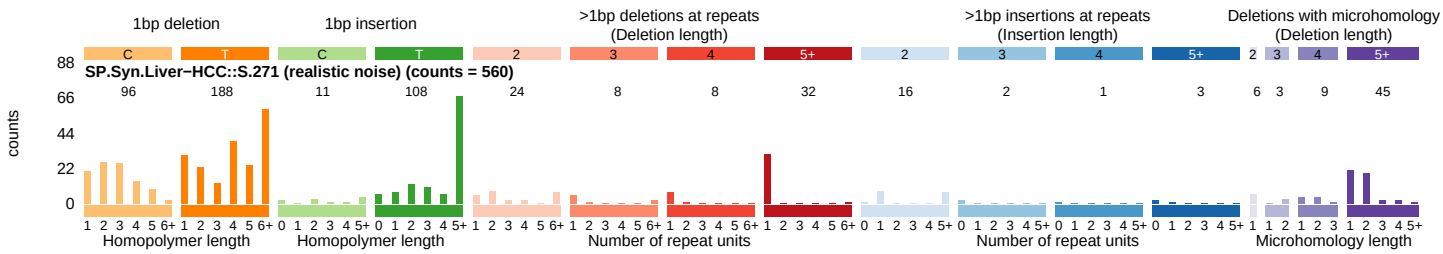
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.270 (realistic noise) (counts = 574)
112 154 13 121 20 12 4 41 12 2 5 1 2 6 4 65
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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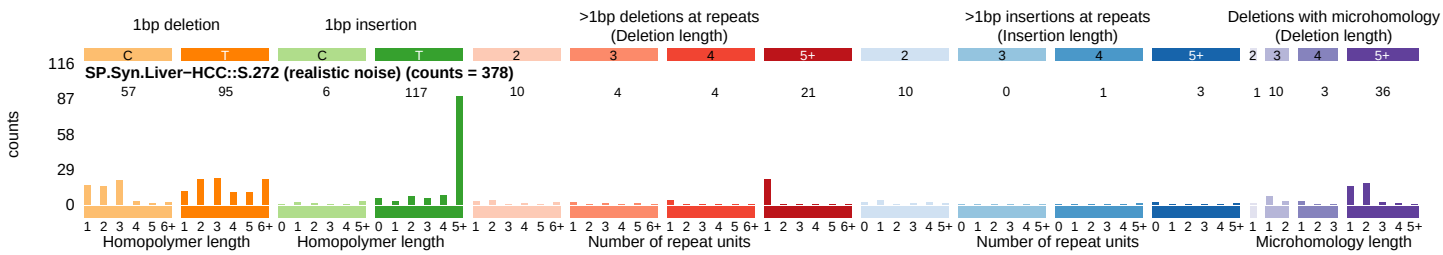
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.271 (realistic noise) (counts = 560)
96 188 11 108 24 8 8 32 16 2 1 3 6 3 9 45
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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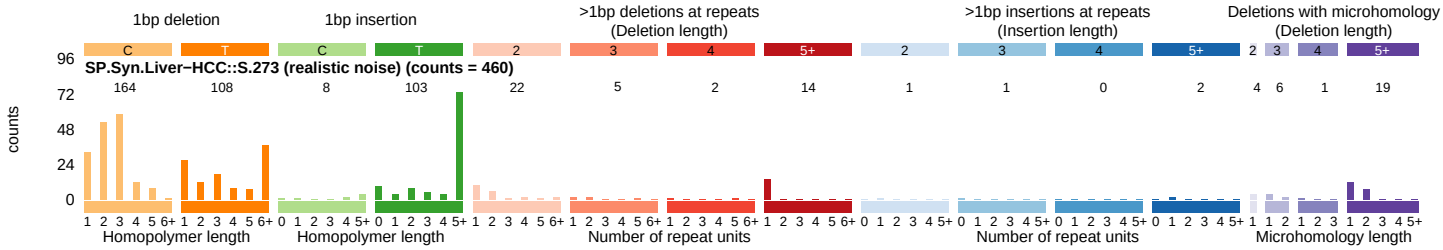
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.272 (realistic noise) (counts = 378)
57 95 6 117 10 4 4 21 10 0 1 3 1 10 3 36
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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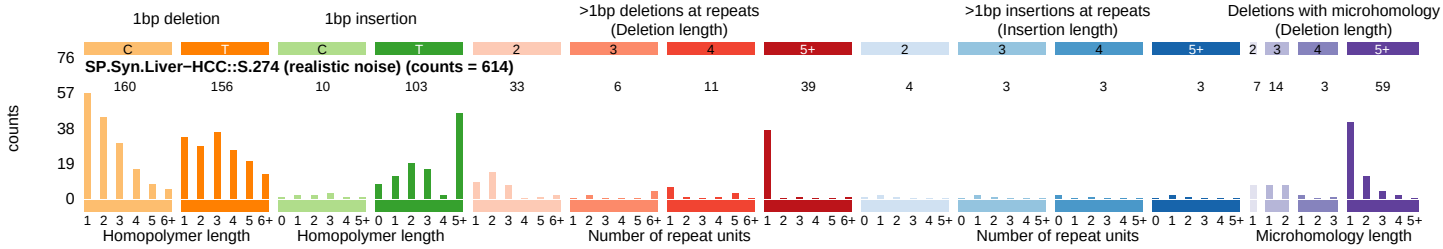
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.273 (realistic noise) (counts = 460)
164 108 8 103 22 5 2 14 1 1 0 2 4 6 1 19
counts
Homopolymer length
Number of repeat units
Microhomology length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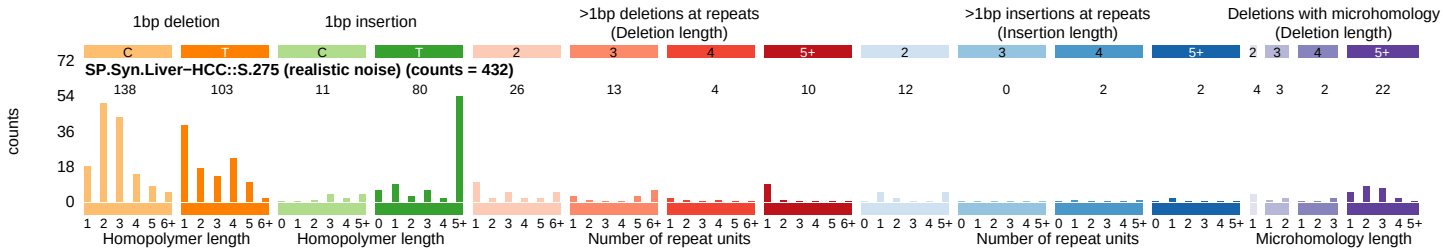
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.274 (realistic noise) (counts = 614)
160 156 10 103 33 6 11 39 4 3 3 3 7 14 3 59
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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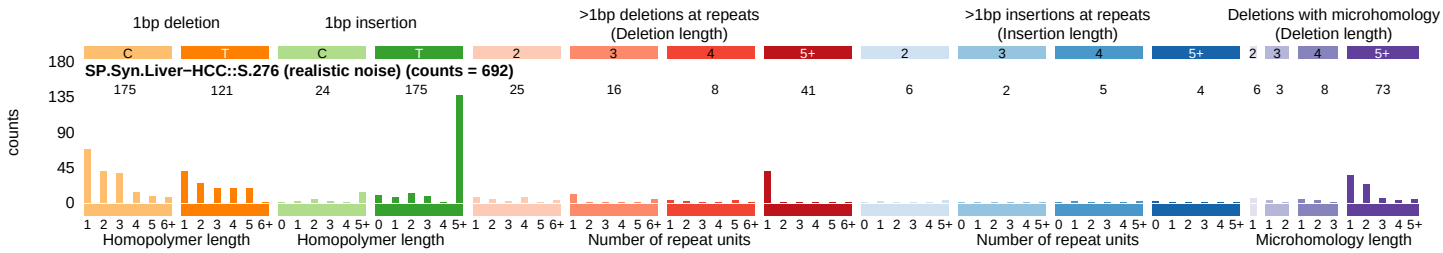
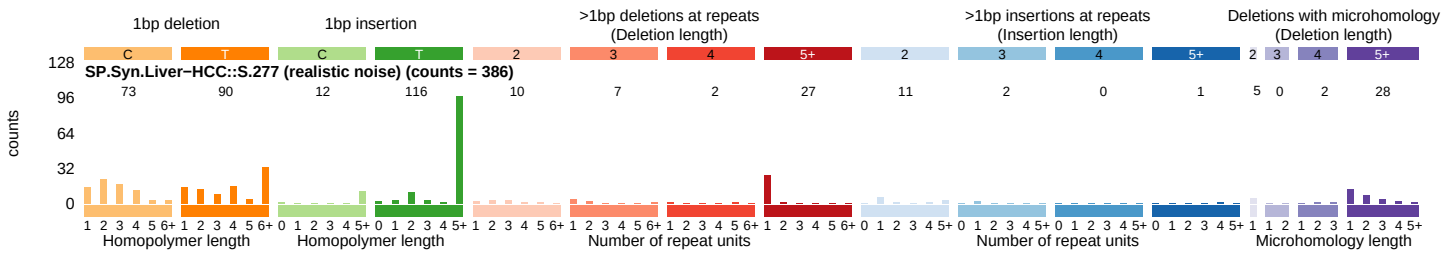
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.275 (realistic noise) (counts = 432)
138 103 11 80 26 13 4 10 12 0 2 2 4 3 2 22
counts
Homopolymer length
Number of repeat units
Microhomology length


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.276 (realistic noise) (counts = 692)
175 121 24 175 25 16 8 41 6 2 5 4 6 3 8 73
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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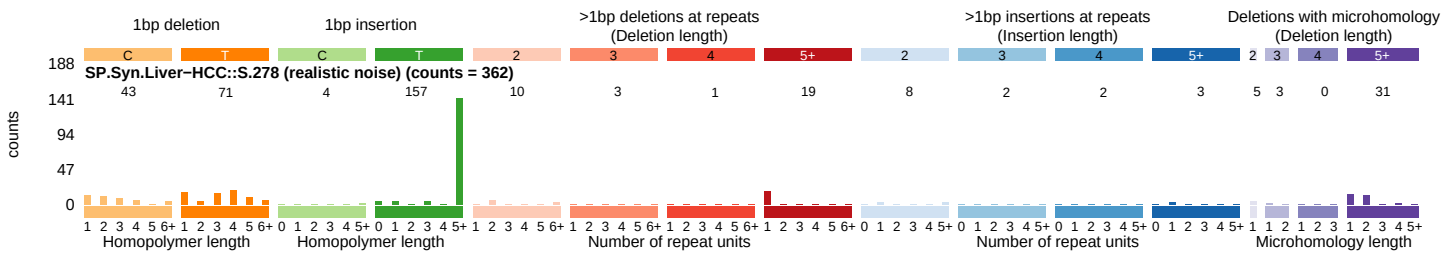
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.277 (realistic noise) (counts = 386)
73 90 12 116 10 7 2 27 11 2 0 1 5 0 2 28
counts
Homopolymer length
Number of repeat units
Microhomology length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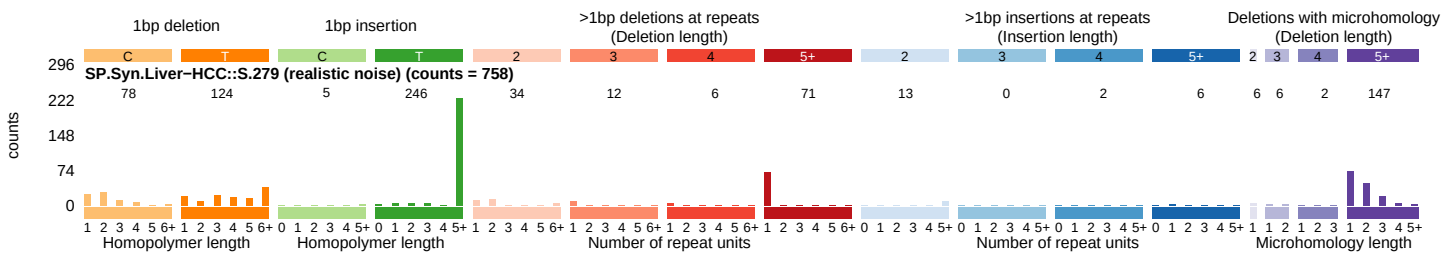
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.278 (realistic noise) (counts = 362)
43 71 4 157 10 3 1 19 8 2 2 3 5 3 0 31
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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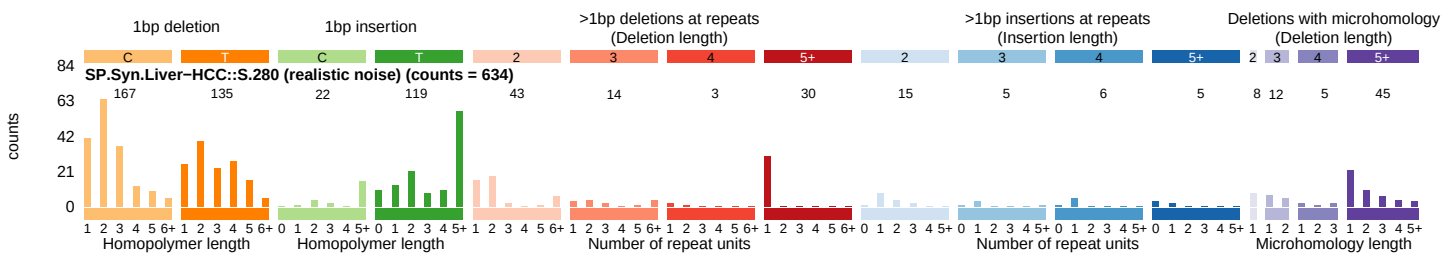
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.279 (realistic noise) (counts = 758)
78 124 5 246 34 12 6 71 13 0 2 6 6 6 2 147
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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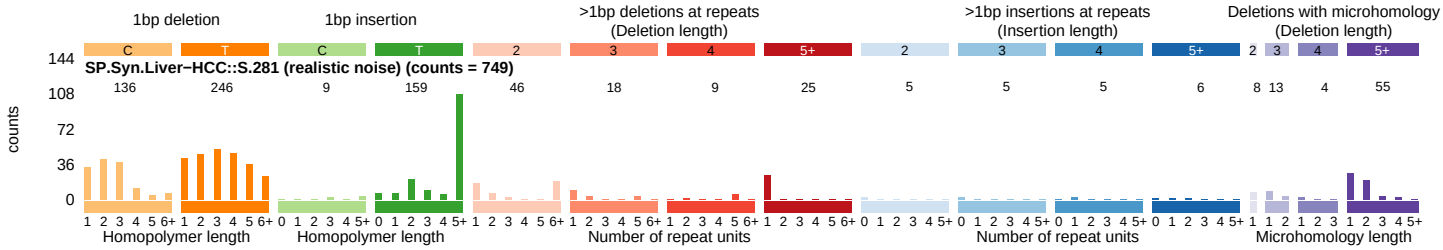
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.280 (realistic noise) (counts = 634)
167 135 22 119 43 14 3 30 15 5 6 5 8 12 5 45
counts
Homopolymer length
Number of repeat units
Microhomology length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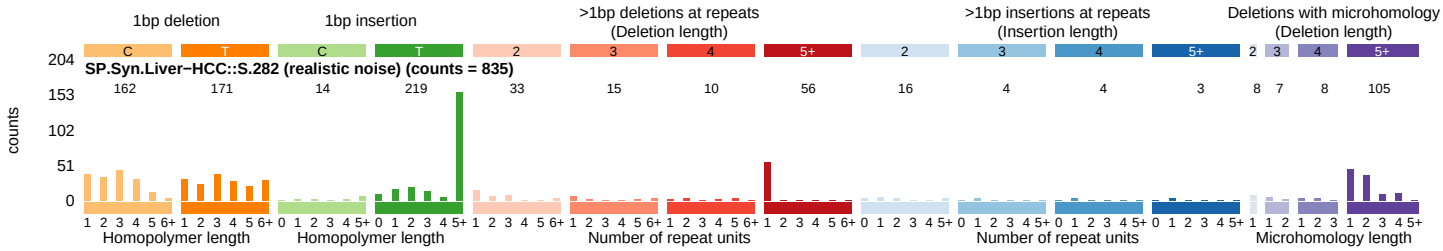
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.281 (realistic noise) (counts = 749)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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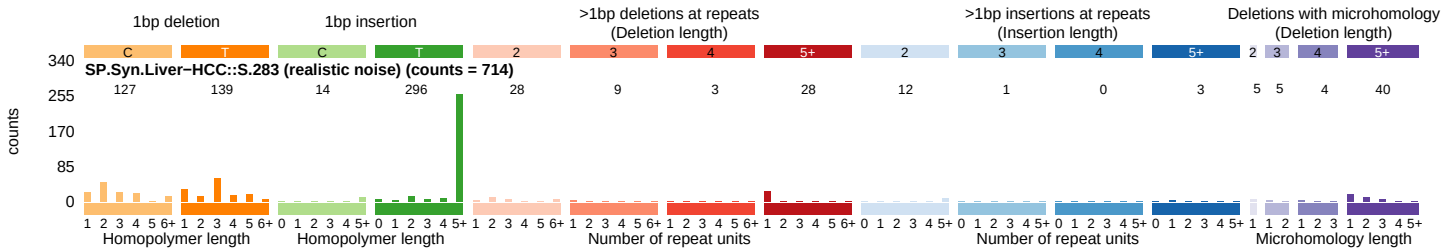
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.282 (realistic noise) (counts = 835)
counts
Homopolymer length
Number of repeat units
Microhomology length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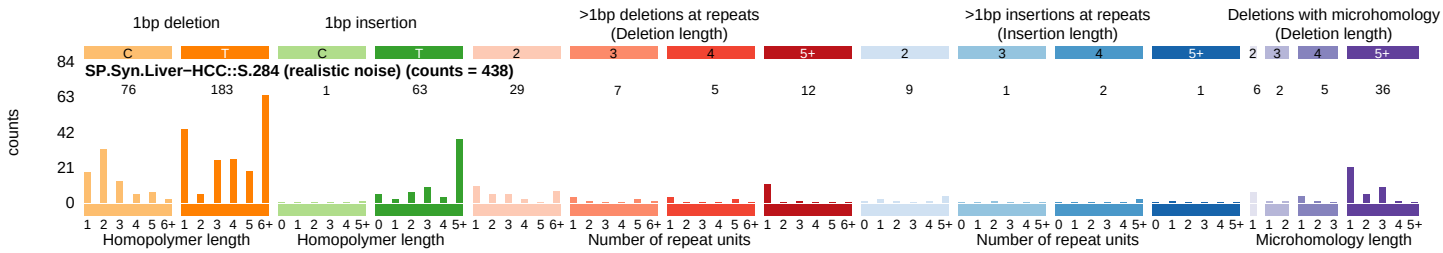
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.283 (realistic noise) (counts = 714)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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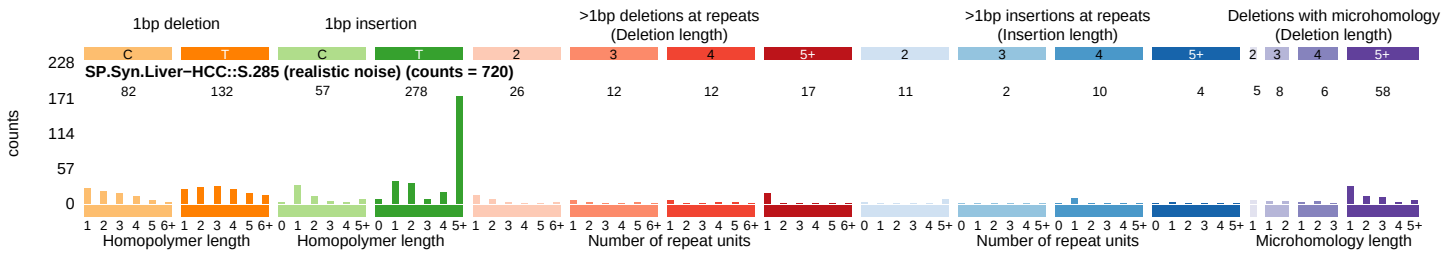
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.284 (realistic noise) (counts = 438)
counts
Homopolymer length
Number of repeat units
Microhomology length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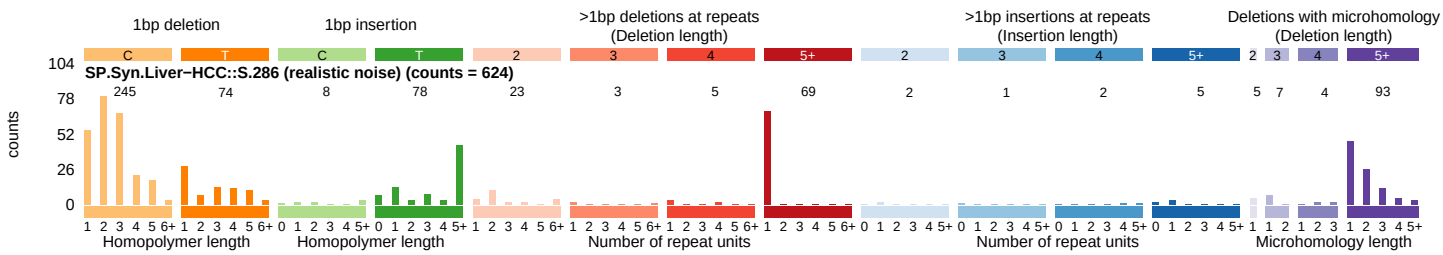
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.285 (realistic noise) (counts = 720)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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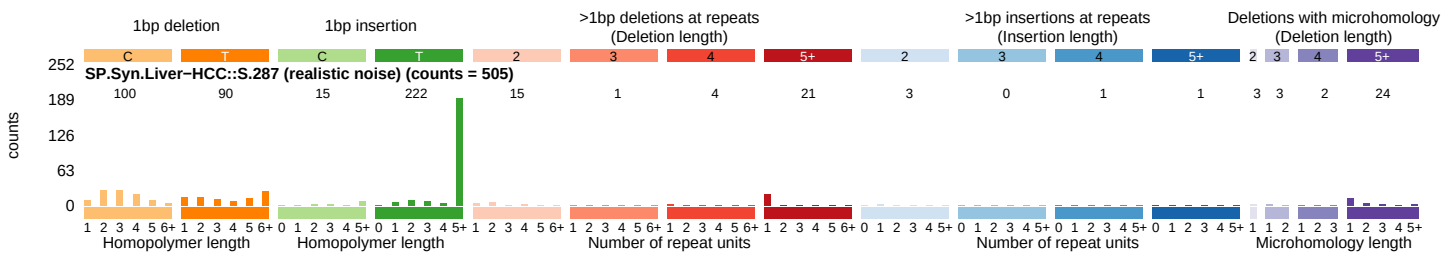
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.286 (realistic noise) (counts = 624)
counts
Homopolymer length
Number of repeat units
Microhomology length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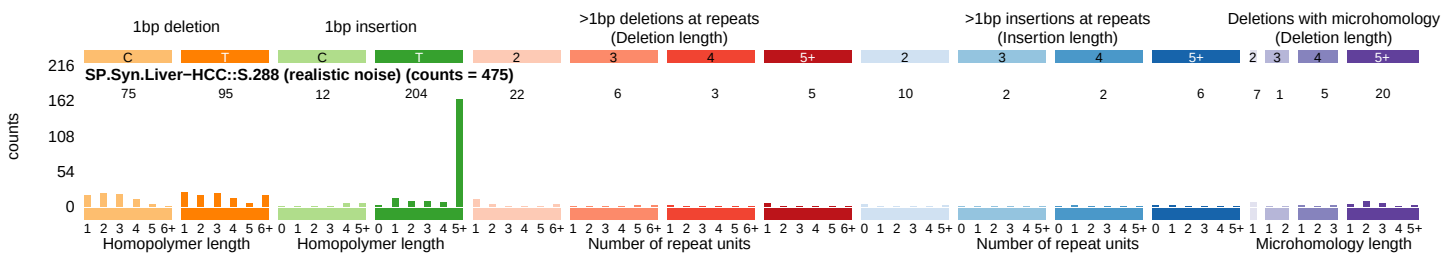
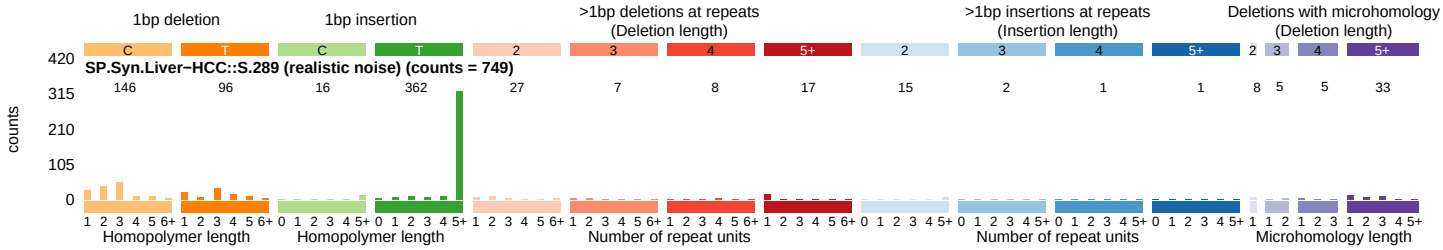
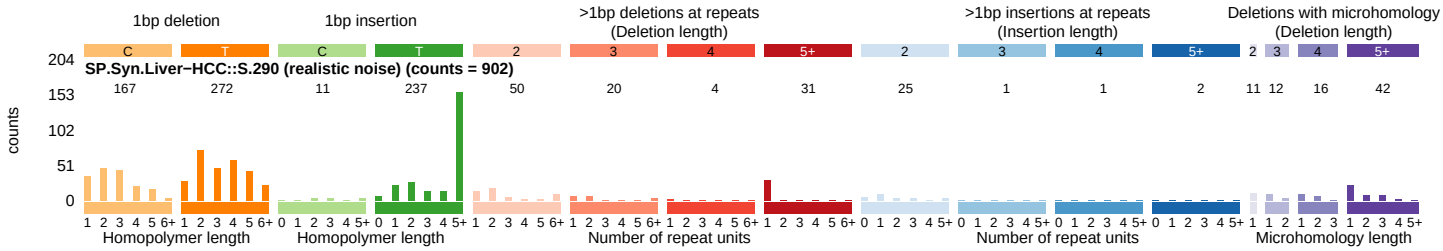
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.287 (realistic noise) (counts = 505)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.288 (realistic noise) (counts = 475)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.289 (realistic noise) (counts = 749)
146 96 16 362 27 7 8 17 15 2 1 1 8 5 5 33
counts
420 315 210 105 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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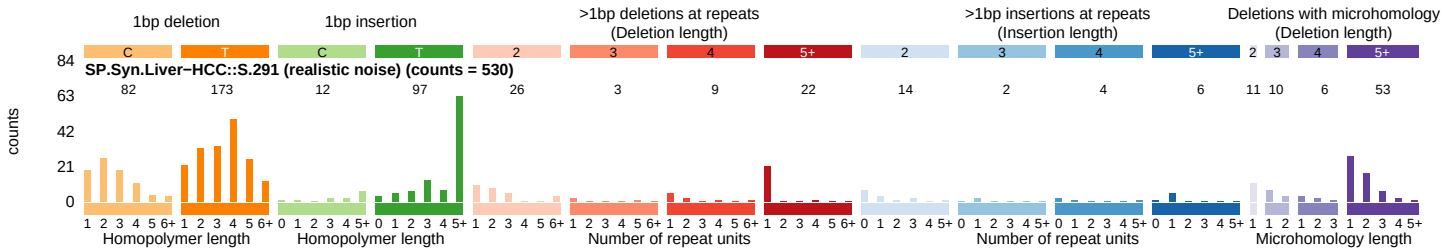
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.290 (realistic noise) (counts = 902)
167 272 11 237 50 20 4 31 25 1 1 2 11 12 16 42
counts
204 153 102 51 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 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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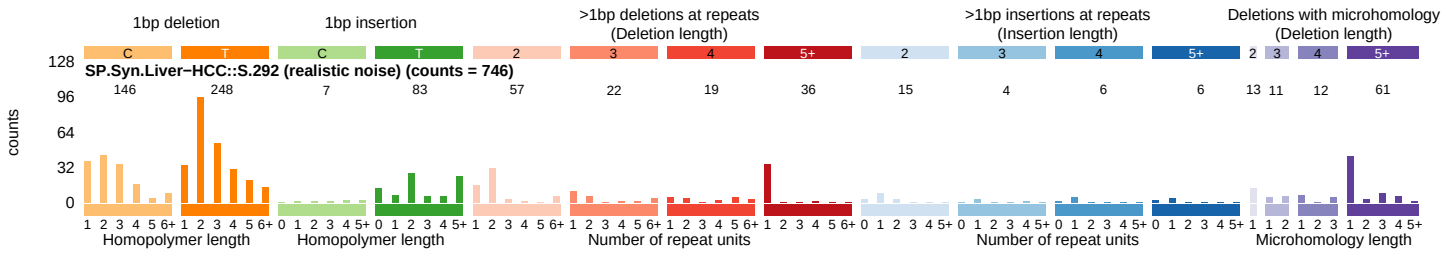
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.291 (realistic noise) (counts = 530)
82 173 12 97 26 3 9 22 14 2 4 6 11 10 6 53
counts
84 63 42 21 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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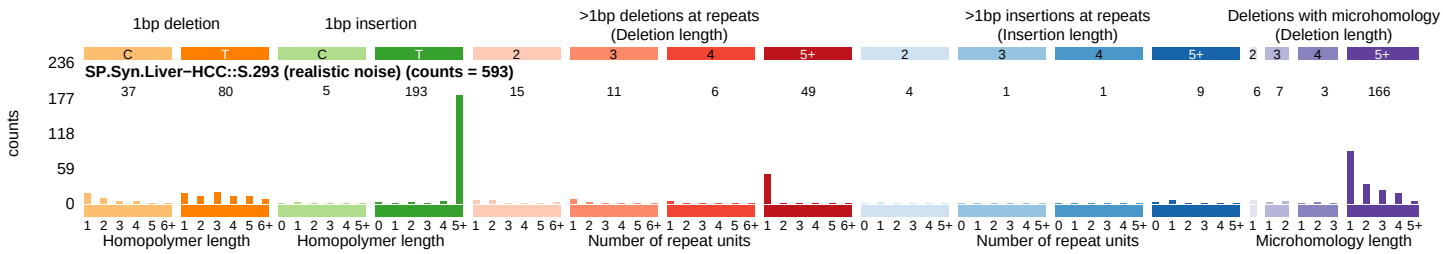
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.292 (realistic noise) (counts = 746)
146 248 7 83 57 22 19 36 15 4 6 6 13 11 12 61
counts
128 96 64 32 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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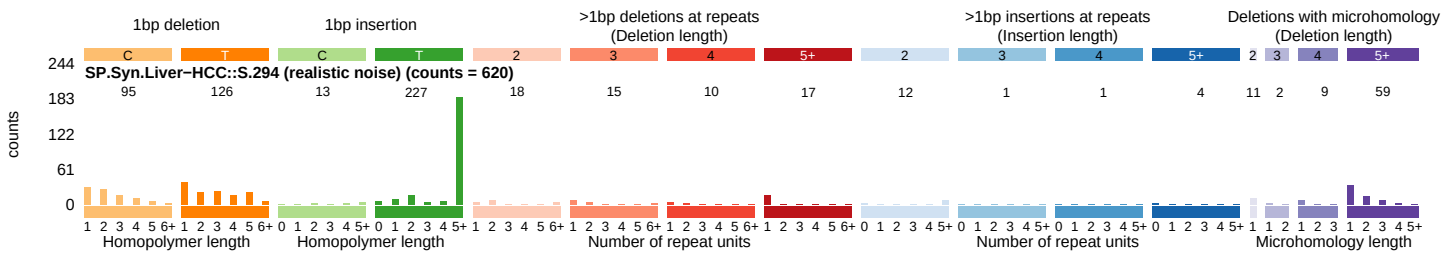
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.293 (realistic noise) (counts = 593)
37 80 5 193 15 11 6 49 4 1 1 9 6 7 3 166
counts
236 177 118 59 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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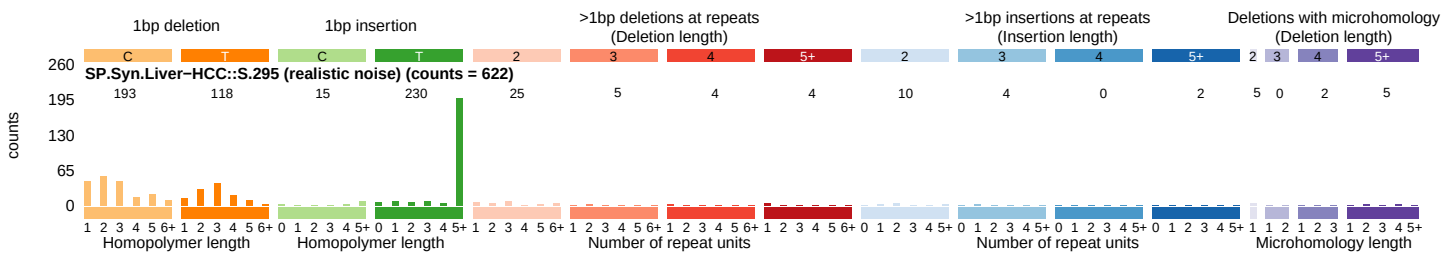
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.294 (realistic noise) (counts = 620)
95 126 13 227 18 15 10 17 12 1 1 4 11 2 9 59
counts
244 183 122 61 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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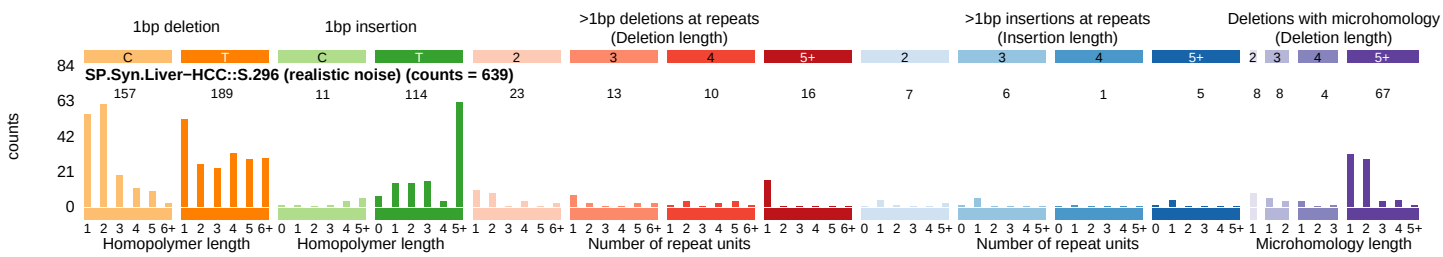
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.295 (realistic noise) (counts = 622)
193 118 15 230 25 5 4 4 10 4 0 2 5 0 2 5
counts
260 195 130 65 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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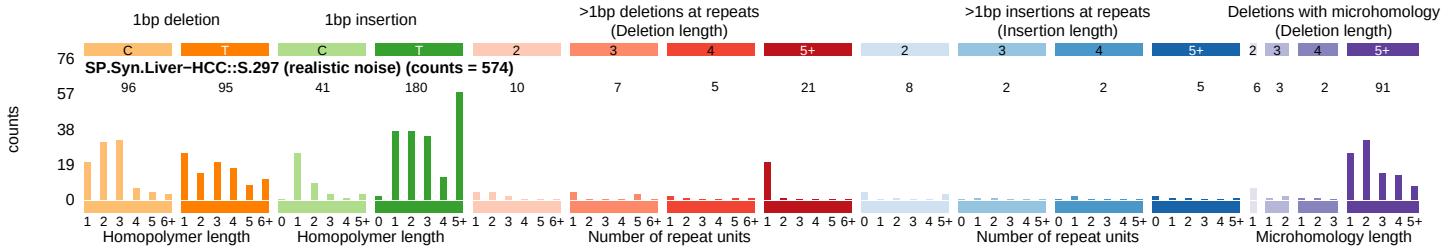
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.296 (realistic noise) (counts = 639)
157 189 11 114 23 13 10 16 7 6 1 5 8 8 4 67
counts
84 63 42 21 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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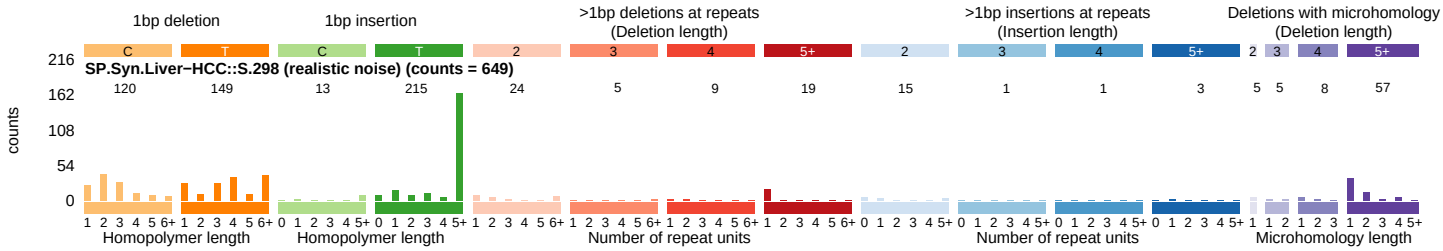
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.297 (realistic noise) (counts = 574)
96 95 41 180 10 7 5 21 8 2 2 5 6 3 2 91
counts
Homopolymer length
Number of repeat units
Microhomology length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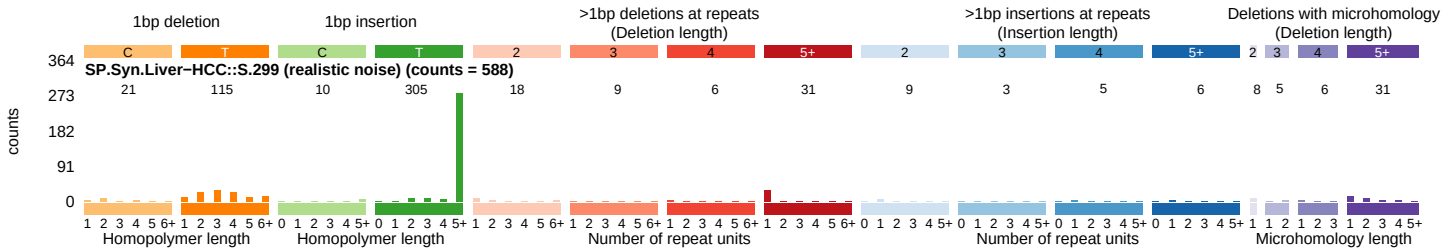
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.298 (realistic noise) (counts = 649)
120 149 13 215 24 5 9 19 15 1 1 3 5 5 8 57
counts
Homopolymer length
Number of repeat units
Microhomology length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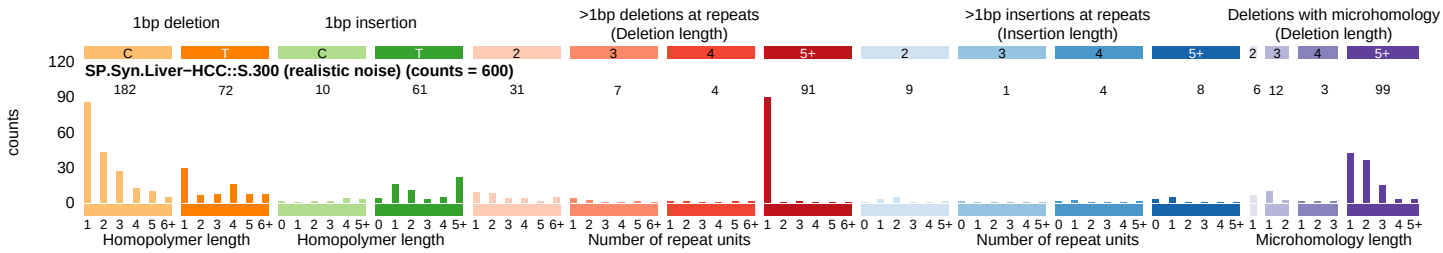
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.299 (realistic noise) (counts = 588)
21 115 10 305 18 9 6 31 9 3 5 6 8 5 6 31
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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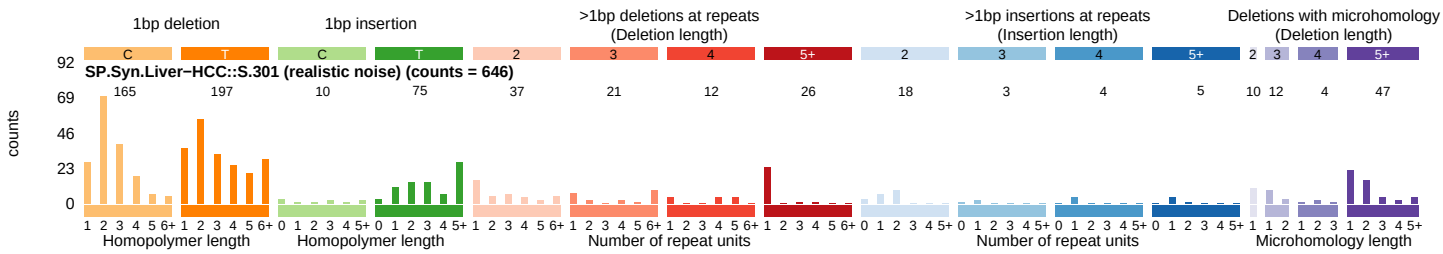
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.300 (realistic noise) (counts = 600)
182 72 10 61 31 7 4 91 9 1 4 8 6 12 3 99
counts
Homopolymer length
Number of repeat units
Microhomology length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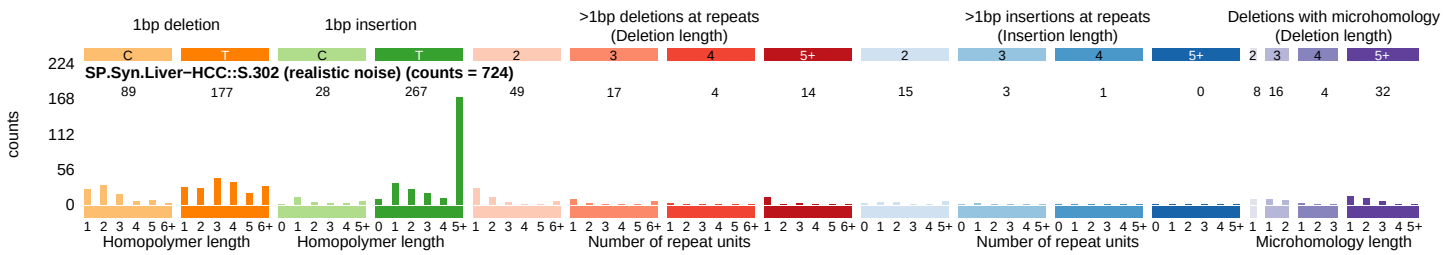
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.301 (realistic noise) (counts = 646)
165 197 10 75 37 21 12 26 18 3 4 5 10 12 4 47
counts
Homopolymer length
Number of repeat units
Microhomology length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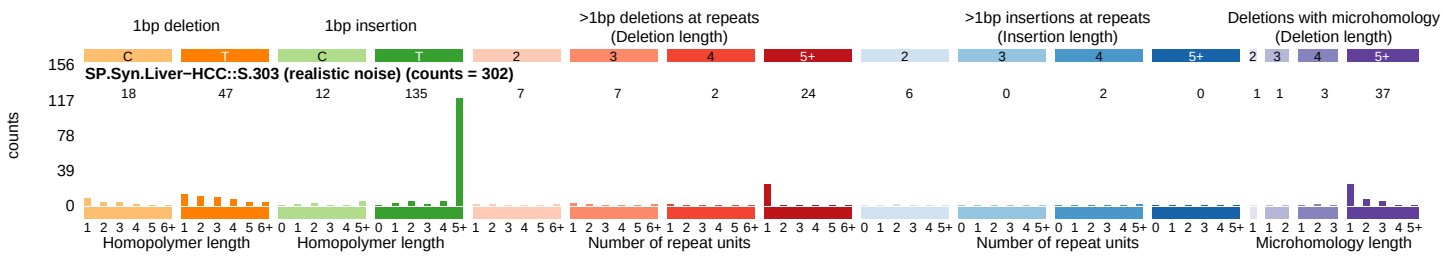
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.302 (realistic noise) (counts = 724)
89 177 28 267 49 17 4 14 15 3 1 0 8 16 4 32
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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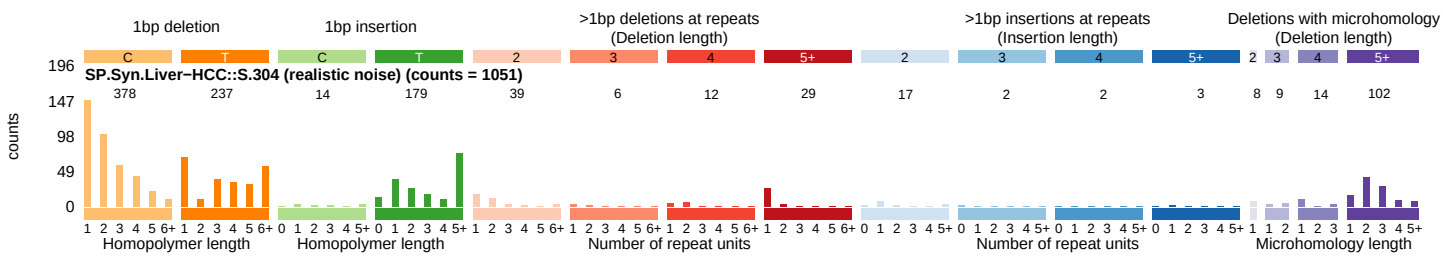
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.303 (realistic noise) (counts = 302)
18 47 12 135 7 7 2 24 6 0 2 0 1 1 3 37
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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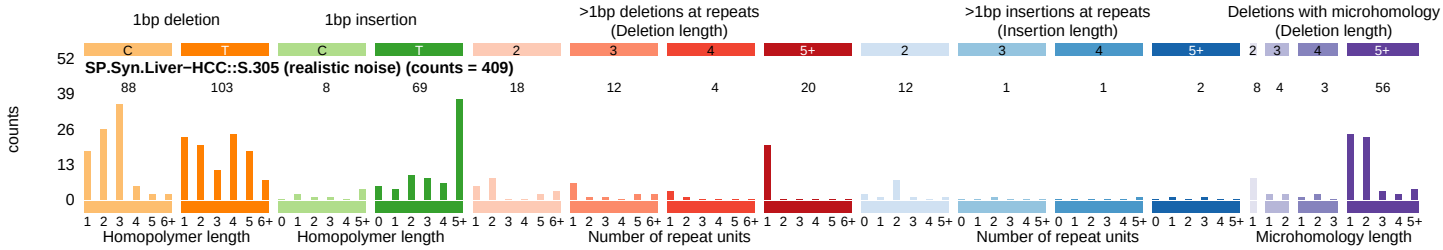
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.304 (realistic noise) (counts = 1051)
378 237 14 179 39 6 12 29 17 2 2 3 8 9 14 102
counts
Homopolymer length
Number of repeat units
Microhomology length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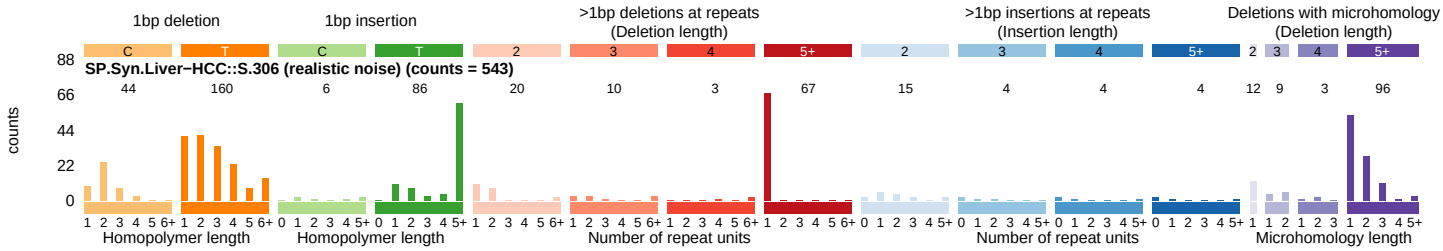
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.305 (realistic noise) (counts = 409)
88 103 8 69 18 12 4 20 12 1 1 2 8 4 3 56
counts
Homopolymer length
Number of repeat units
Microhomology length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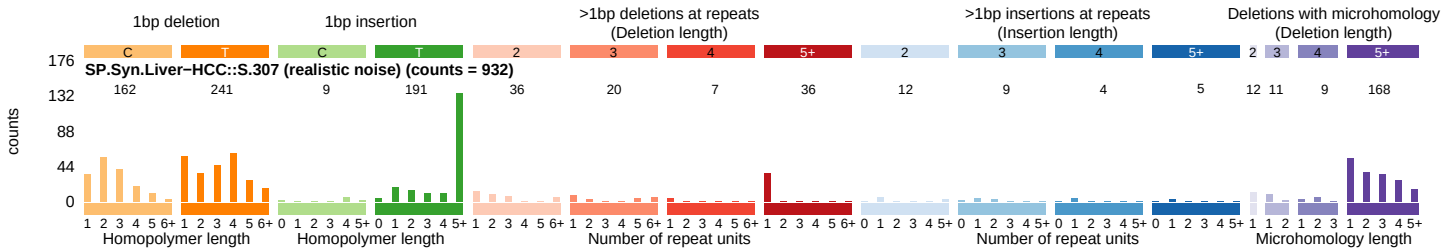
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.306 (realistic noise) (counts = 543)
44 160 6 86 20 10 3 67 15 4 4 4 12 9 3 96
counts
Homopolymer length
Number of repeat units
Microhomology length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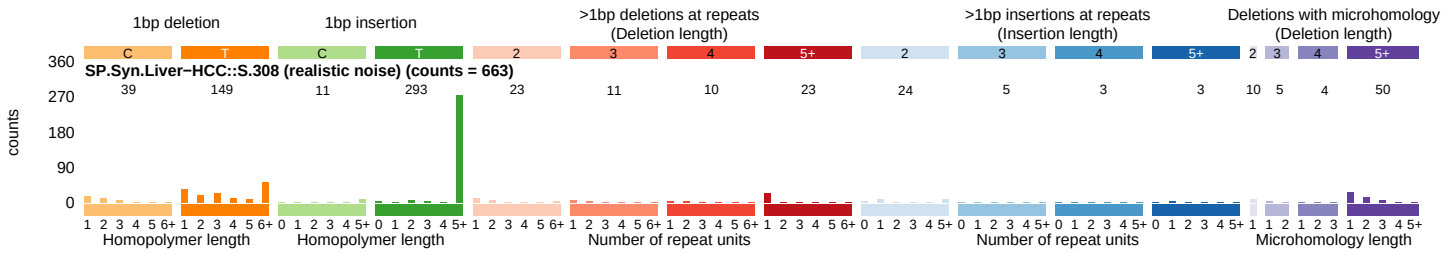
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.307 (realistic noise) (counts = 932)
162 241 9 191 36 20 7 36 12 9 4 5 12 11 9 168
counts
Homopolymer length
Number of repeat units
Microhomology length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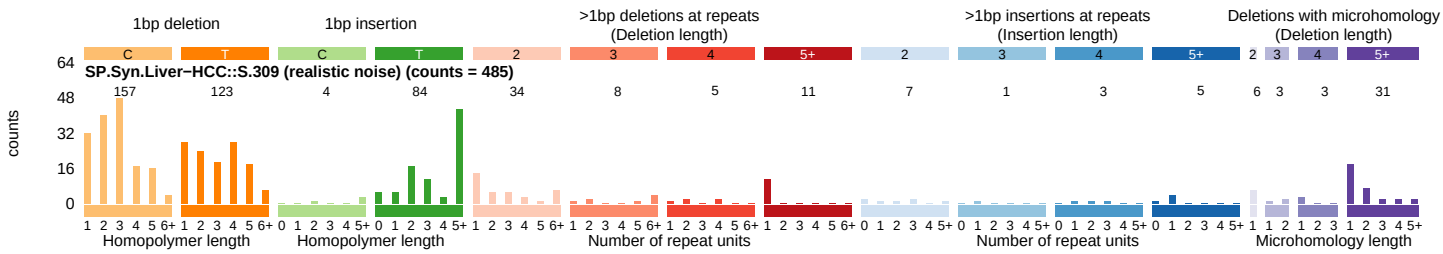
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.308 (realistic noise) (counts = 663)
39 149 11 293 23 11 10 23 24 5 3 3 10 5 4 50
counts
Homopolymer length
Number of repeat units
Microhomology length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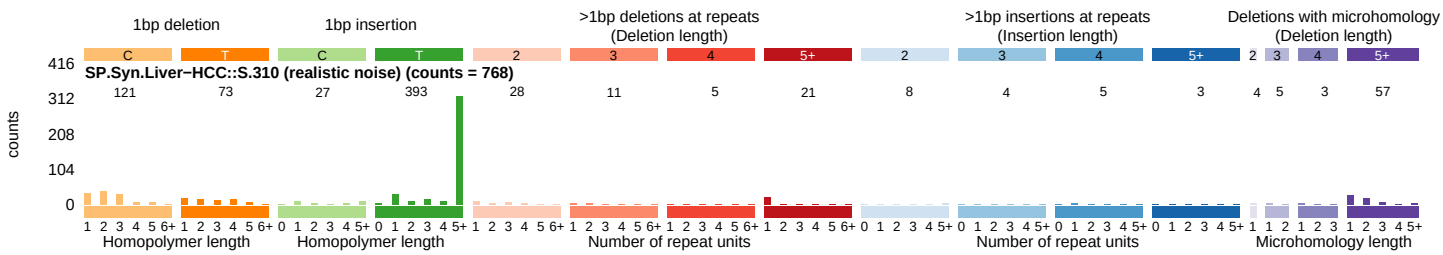
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.309 (realistic noise) (counts = 485)
157 123 4 84 34 8 5 11 7 1 3 5 6 3 3 31
counts
Homopolymer length
Number of repeat units
Microhomology length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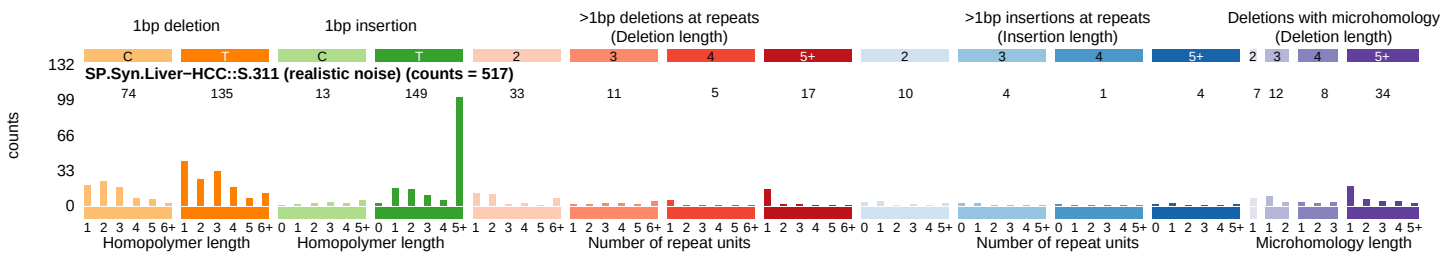
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.310 (realistic noise) (counts = 768)
121 73 27 393 28 11 5 21 8 4 5 3 4 5 3 57
counts
Homopolymer length
Number of repeat units
Microhomology length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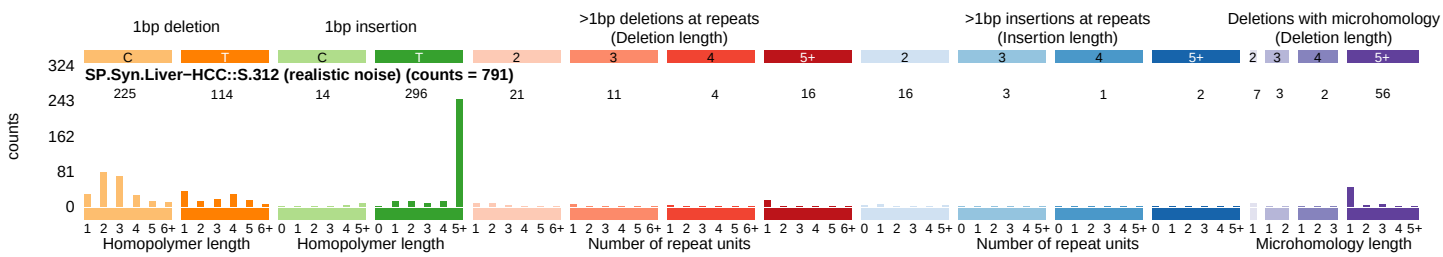
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.311 (realistic noise) (counts = 517)
74 135 13 149 33 11 5 17 10 4 1 4 7 12 8 34
counts
Homopolymer length
Number of repeat units
Microhomology length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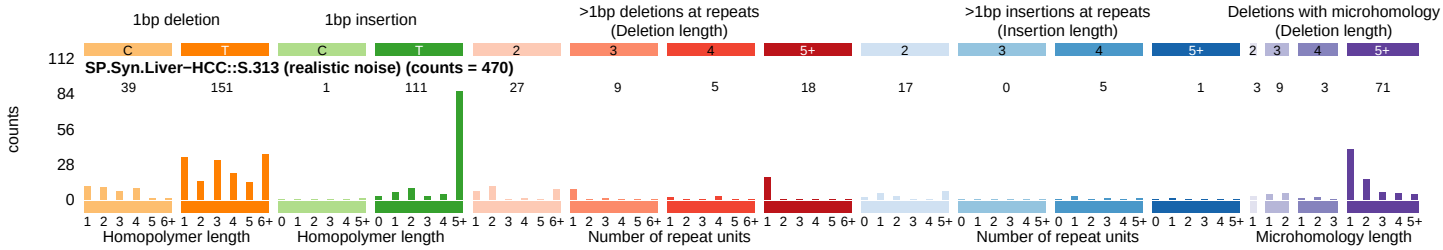
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.312 (realistic noise) (counts = 791)
225 114 14 296 21 11 4 16 16 3 1 2 7 3 2 56
counts
Homopolymer length
Number of repeat units
Microhomology length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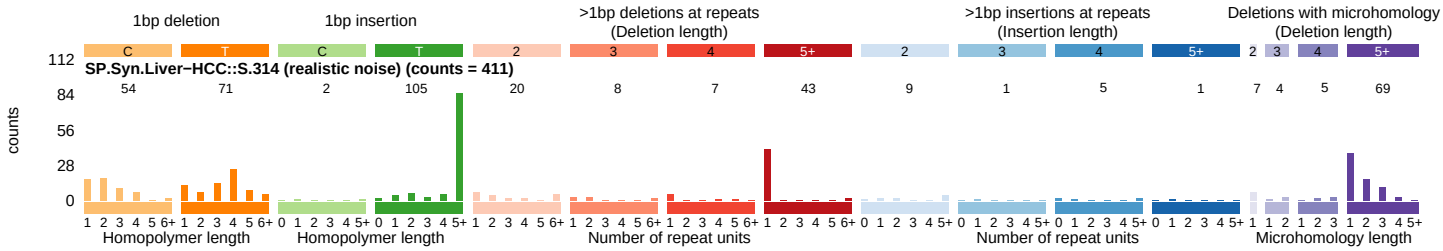
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.313 (realistic noise) (counts = 470)
counts
Homopolymer length
Number of repeat units
Microhomology length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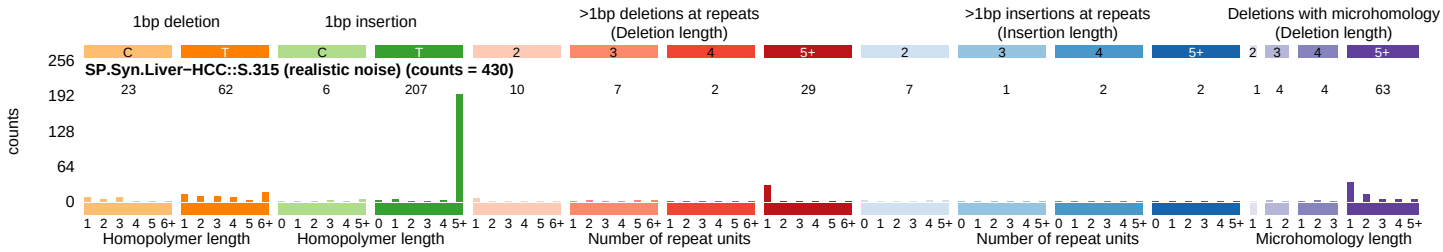
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.314 (realistic noise) (counts = 411)
counts
Homopolymer length
Number of repeat units
Microhomology length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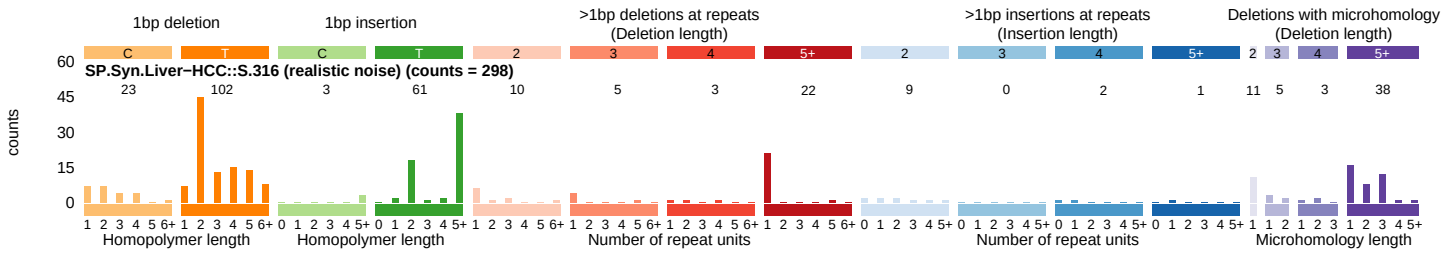
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.315 (realistic noise) (counts = 430)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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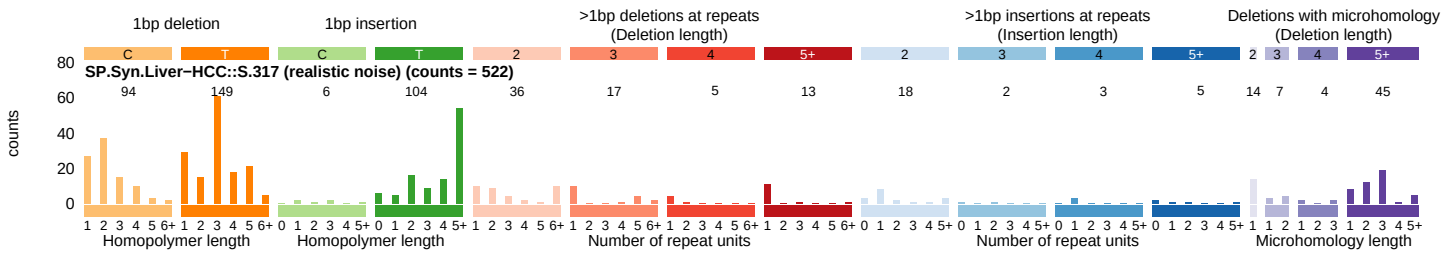
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.316 (realistic noise) (counts = 298)
counts
Homopolymer length
Number of repeat units
Microhomology length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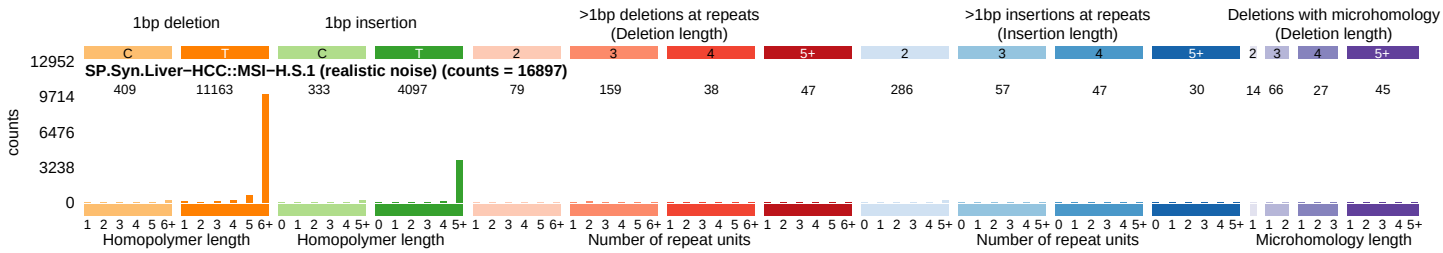
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.317 (realistic noise) (counts = 522)
counts
Homopolymer length
Number of repeat units
Microhomology length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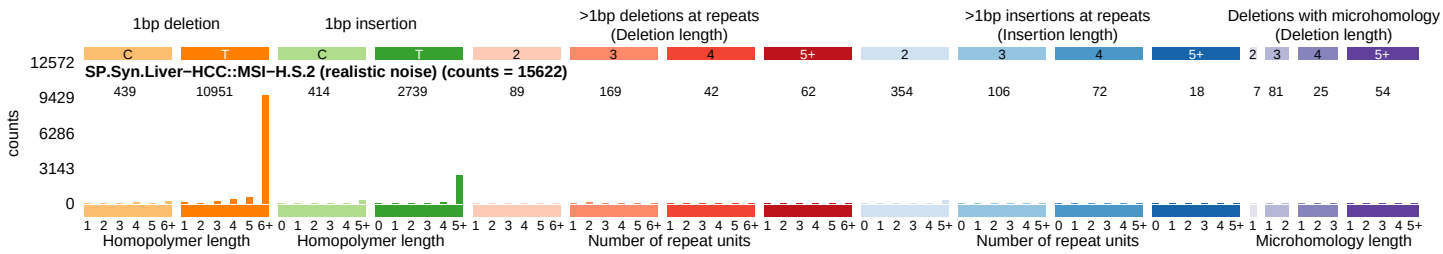
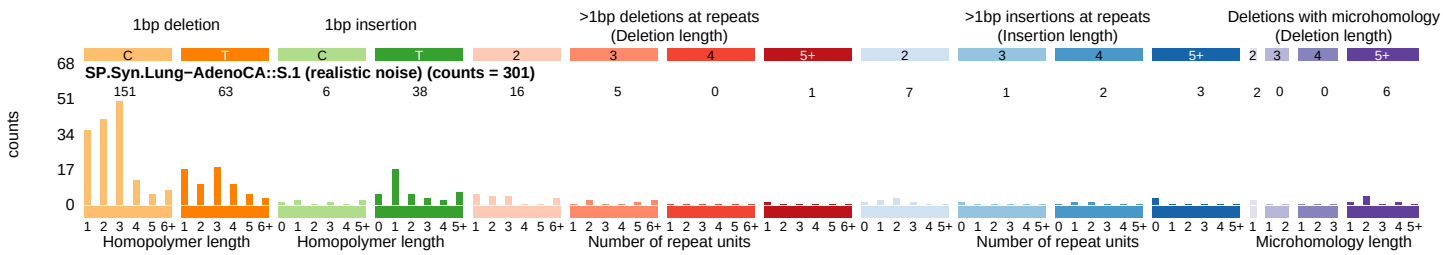
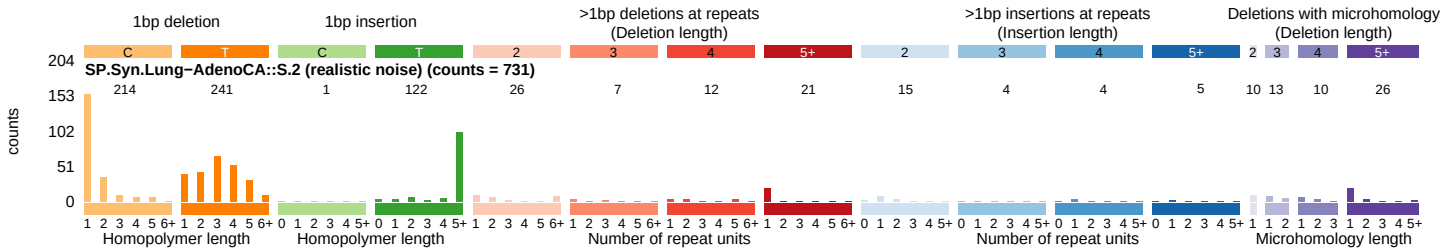
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::MSI−H.S.1 (realistic noise) (counts = 16897)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp 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 (realistic noise) (counts = 15622)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 301)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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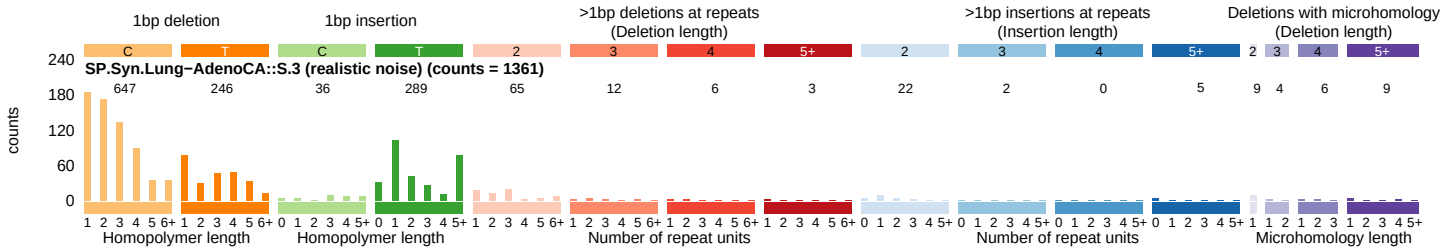
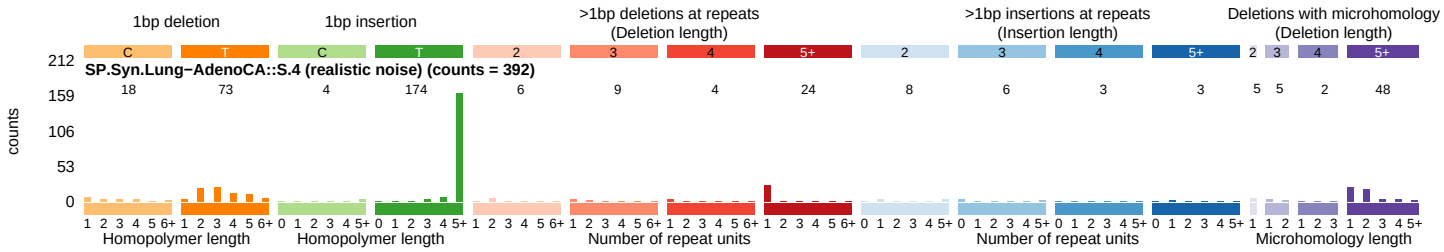
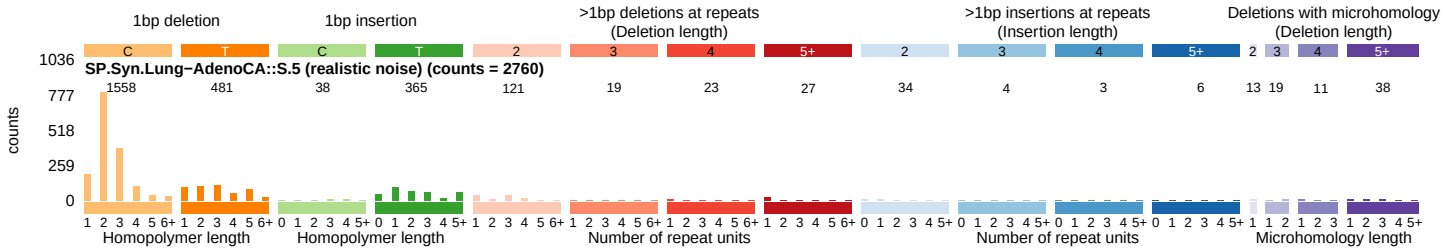
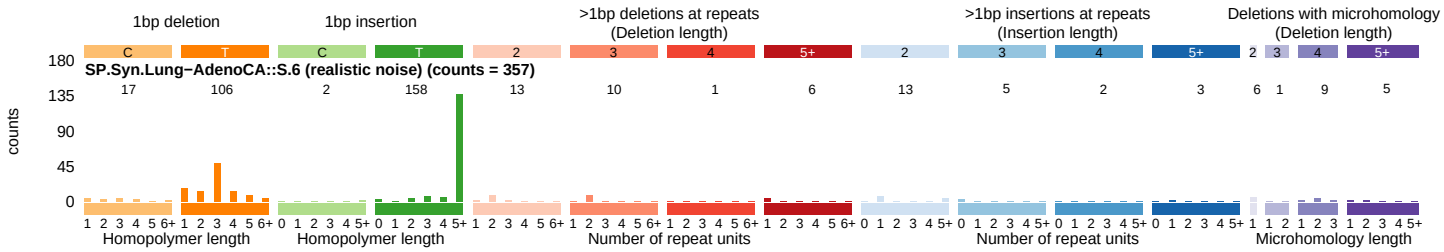
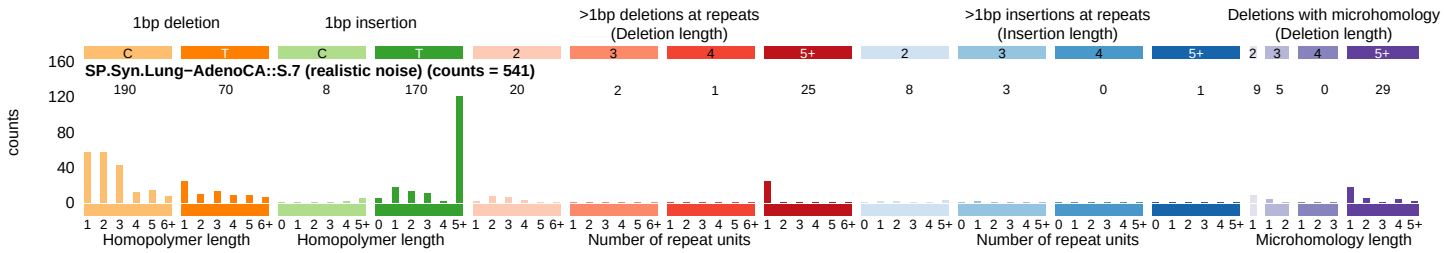
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.2 (realistic noise) (counts = 731)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.3 (realistic noise) (counts = 1361)
counts
Homopolymer length
Number of repeat units
Microhomology 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.4 (realistic noise) (counts = 392)
counts
Homopolymer length
Number of repeat units
Microhomology 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.5 (realistic noise) (counts = 2760)
counts
Homopolymer length
Number of repeat units
Microhomology 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.6 (realistic noise) (counts = 357)
counts
Homopolymer length
Number of repeat units
Microhomology length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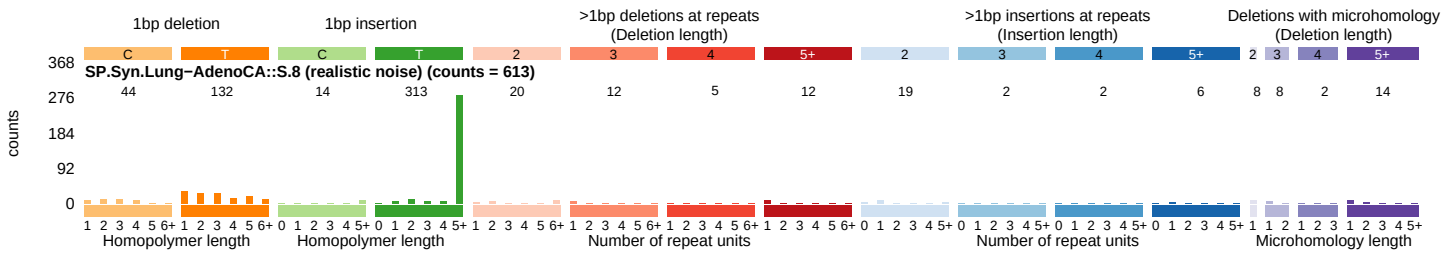
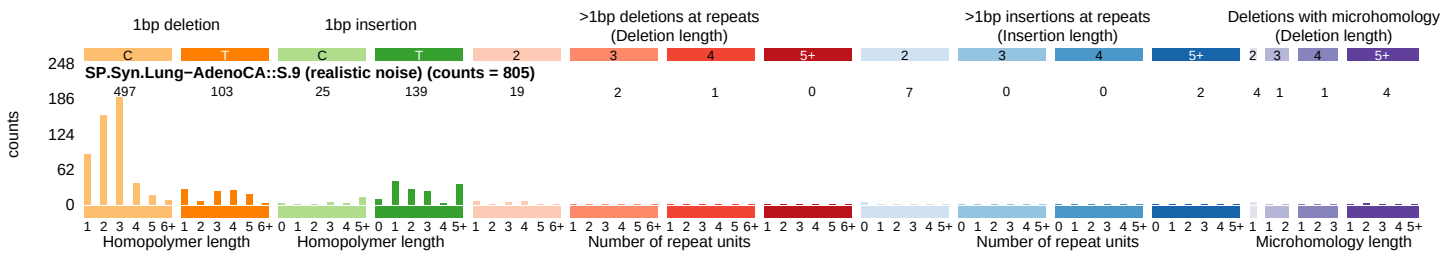
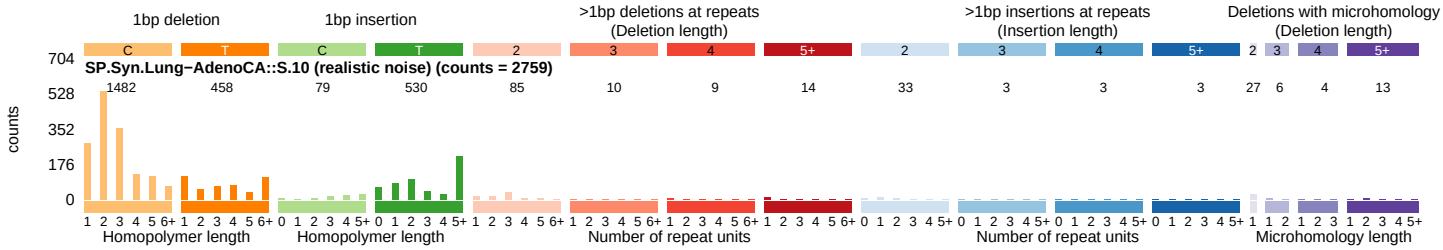
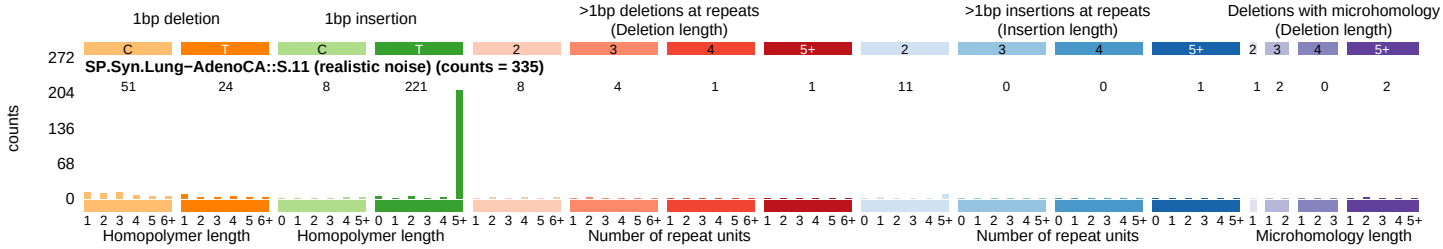
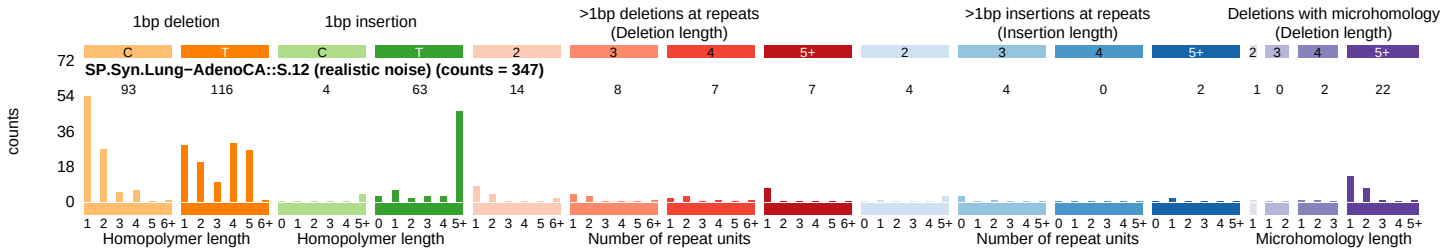
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.7 (realistic noise) (counts = 541)
counts
Homopolymer length
Number of repeat units
Microhomology length

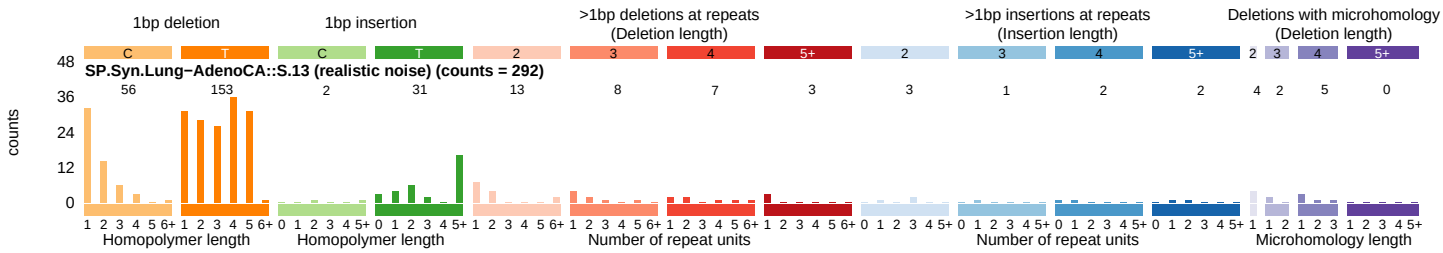

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.8 (realistic noise) (counts = 613)
counts
Homopolymer length
Number of repeat units
Microhomology length

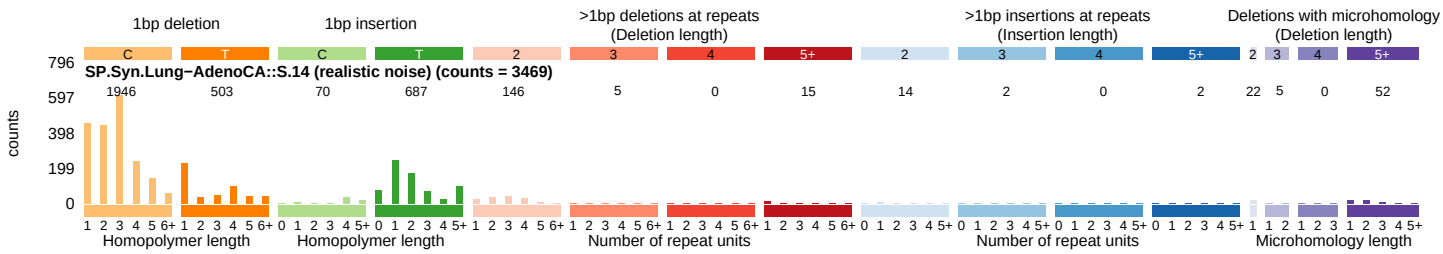

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.9 (realistic noise) (counts = 805)
counts
Homopolymer length
Number of repeat units
Microhomology length

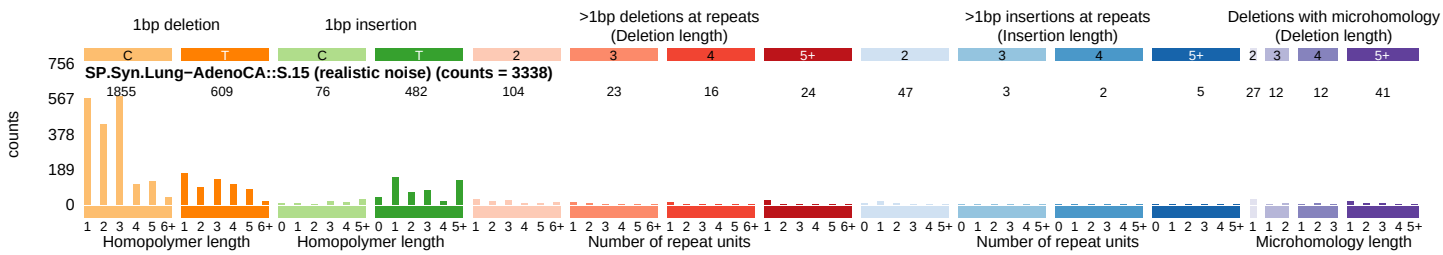

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.10 (realistic noise) (counts = 2759)
1482 458 79 530 85 10 9 14 33 3 3 3 27 6 4 13
counts
704 528 352 176 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

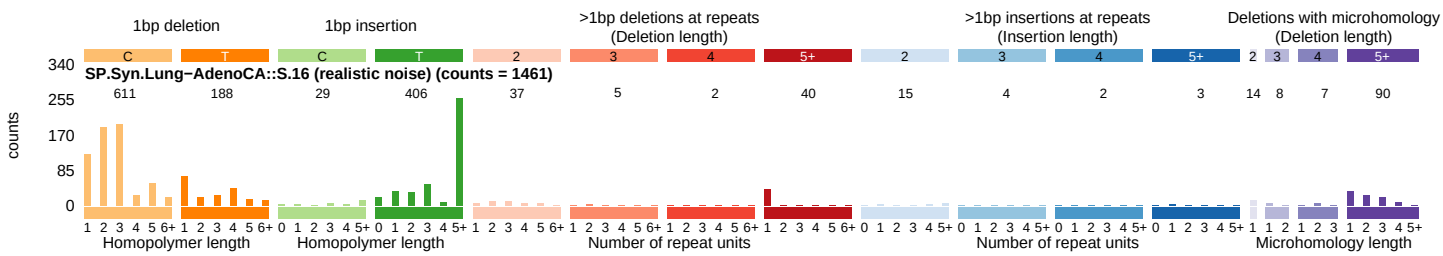

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.11 (realistic noise) (counts = 335)
51 24 8 221 8 4 1 1 11 0 0 1 1 2 0 2
counts
272 204 136 68 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

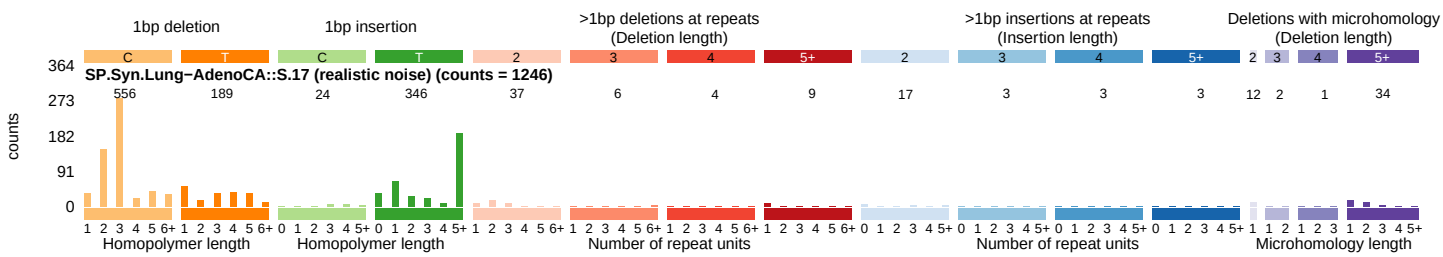

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.12 (realistic noise) (counts = 347)
93 116 4 63 14 8 7 7 4 4 0 2 1 0 2 22
counts
72 54 36 18 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

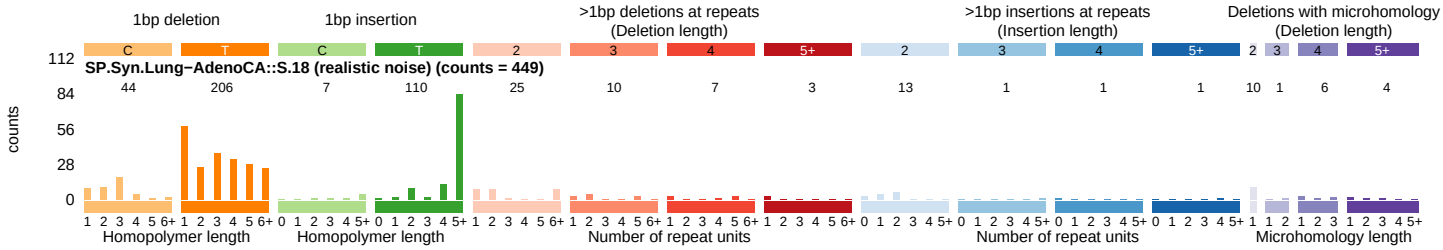

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.13 (realistic noise) (counts = 292)
56 153 2 31 13 8 7 3 3 1 2 2 4 2 5 0
counts
48 36 24 12 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

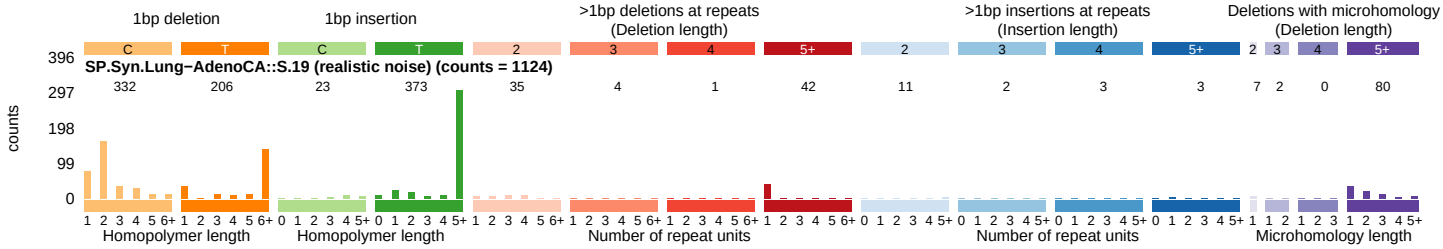

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.14 (realistic noise) (counts = 3469)
1946 503 70 687 146 5 0 15 14 2 0 2 22 5 0 52
counts
796 597 398 199 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

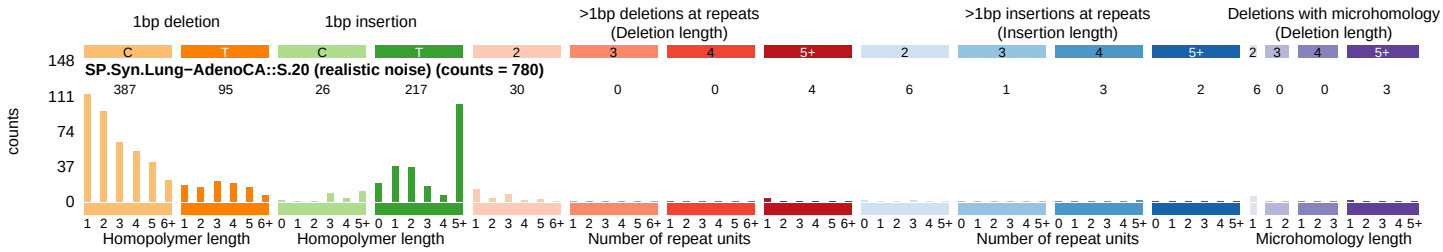

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.15 (realistic noise) (counts = 3338)
1855 609 76 482 104 23 16 24 47 3 2 5 27 12 12 41
counts
756 567 378 189 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

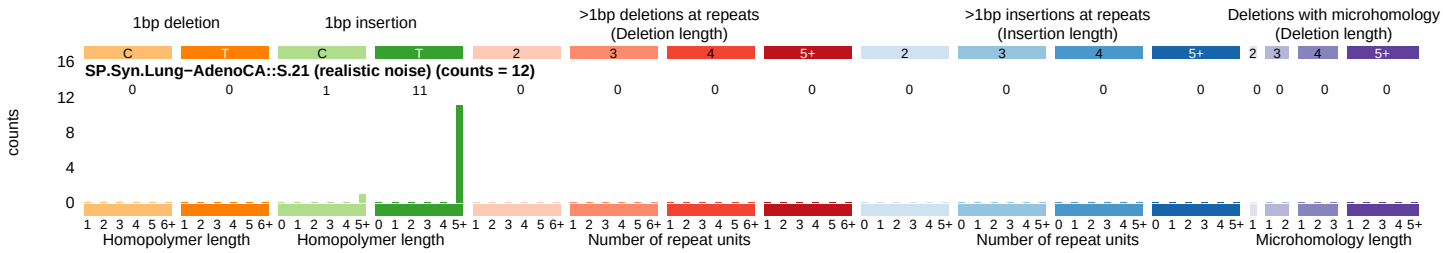

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.16 (realistic noise) (counts = 1461)
611 188 29 406 37 5 2 40 15 4 2 3 14 8 7 90
counts
340 255 170 85 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

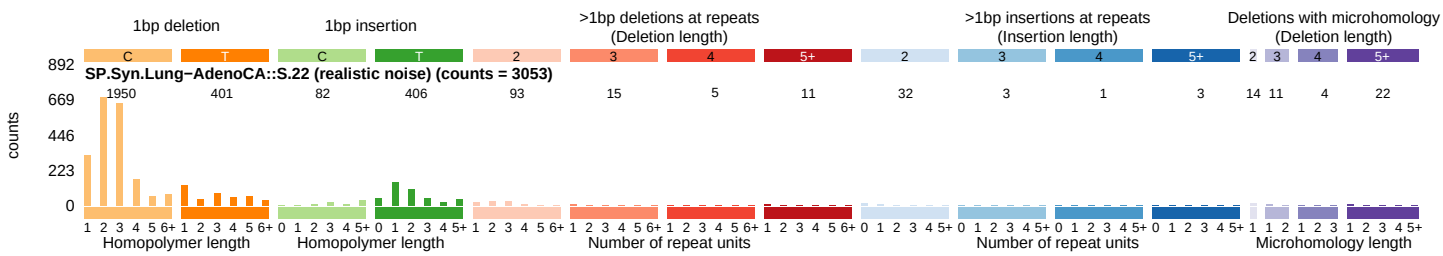

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.17 (realistic noise) (counts = 1246)
556 189 24 346 37 6 4 9 17 3 3 3 12 2 1 34
counts
364 273 182 91 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

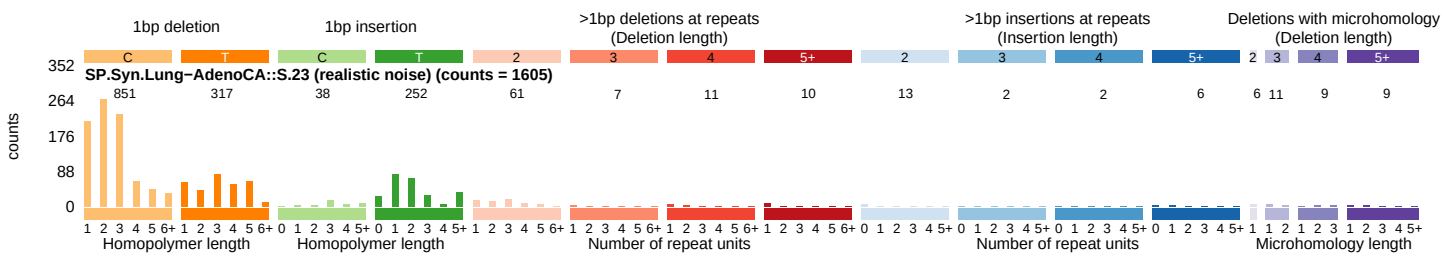

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.18 (realistic noise) (counts = 449)
44 206 7 110 25 10 7 3 13 1 1 1 10 1 6 4
counts
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

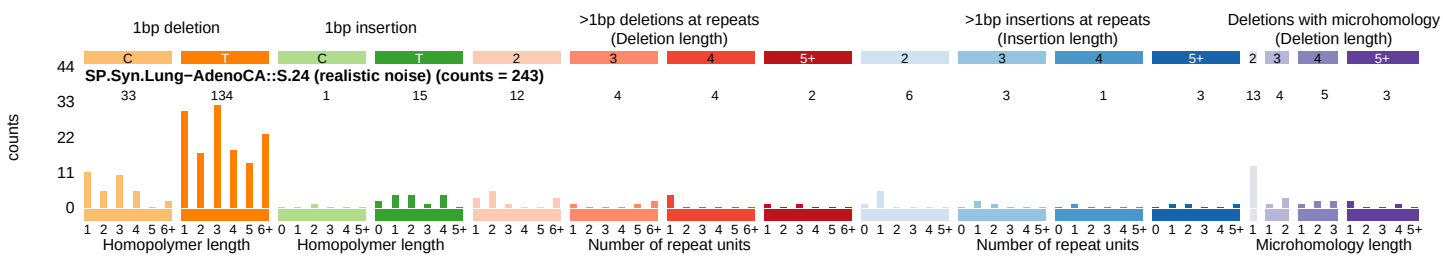

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.19 (realistic noise) (counts = 1124)
332 206 23 373 35 4 1 42 11 2 3 3 7 2 0 80
counts
396 297 198 99 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

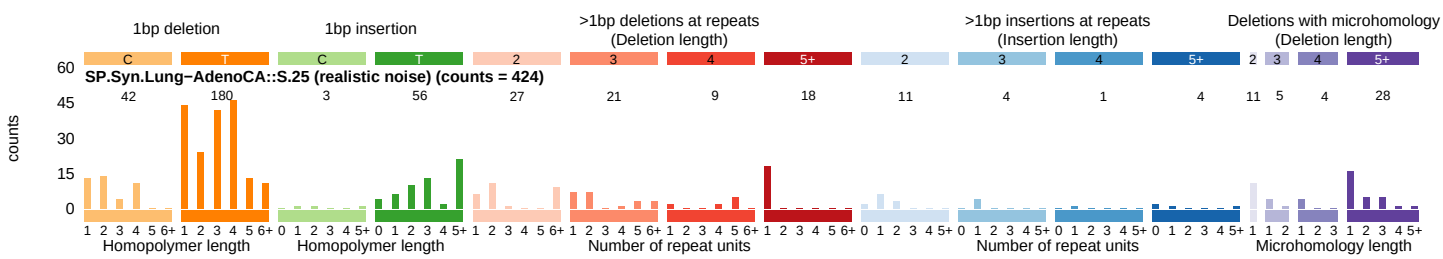

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.20 (realistic noise) (counts = 780)
387 95 26 217 30 0 0 4 6 1 3 2 6 0 0 3
counts
148 111 74 37 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 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

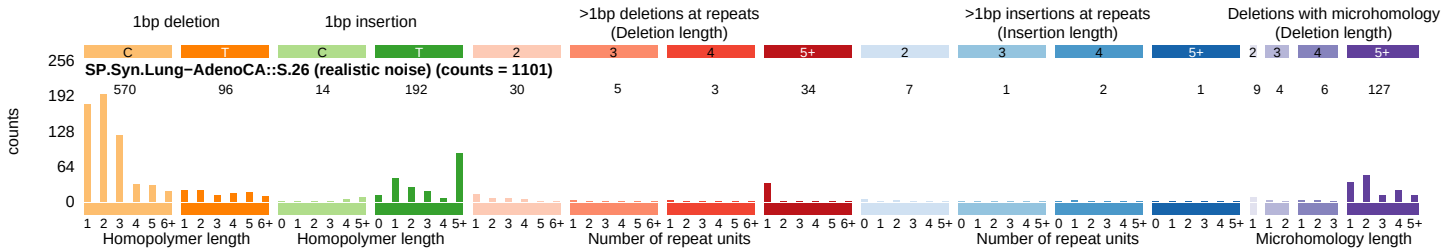

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.21 (realistic noise) (counts = 12)
0 0 1 11 0 0 0 0 0 0 0 0 0 0 0 0
counts
16 12 8 4 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.Lung−AdenoCA::S.22 (realistic noise) (counts = 3053)
1950 401 82 406 93 15 5 11 32 3 1 3 14 11 4 22
counts
892 669 446 223 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.Lung−AdenoCA::S.23 (realistic noise) (counts = 1605)
851 317 38 252 61 7 11 10 13 2 2 6 6 11 9 9
counts
352 264 176 88 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 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.Lung−AdenoCA::S.24 (realistic noise) (counts = 243)
33 134 1 15 12 4 4 2 6 3 1 3 13 4 5 3
counts
44 33 22 11 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 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.Lung−AdenoCA::S.25 (realistic noise) (counts = 424)
42 180 3 56 27 21 9 18 11 4 1 4 11 5 4 28
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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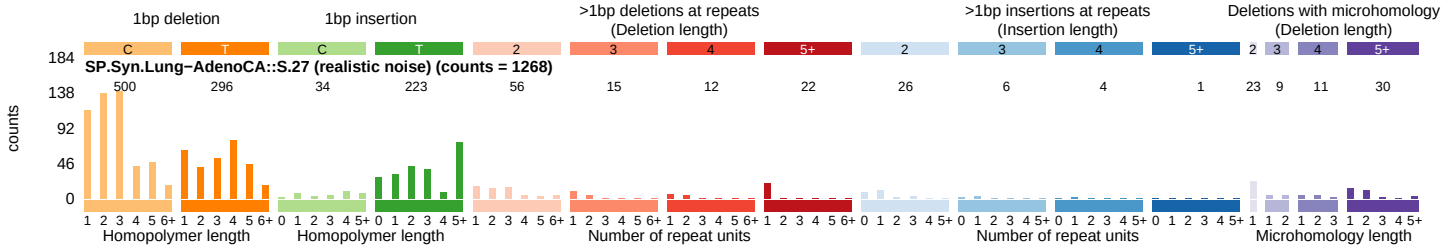
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.26 (realistic noise) (counts = 1101)
570 96 14 192 30 5 3 34 7 1 2 1 9 4 6 127
counts
Homopolymer length
Number of repeat units
Microhomology length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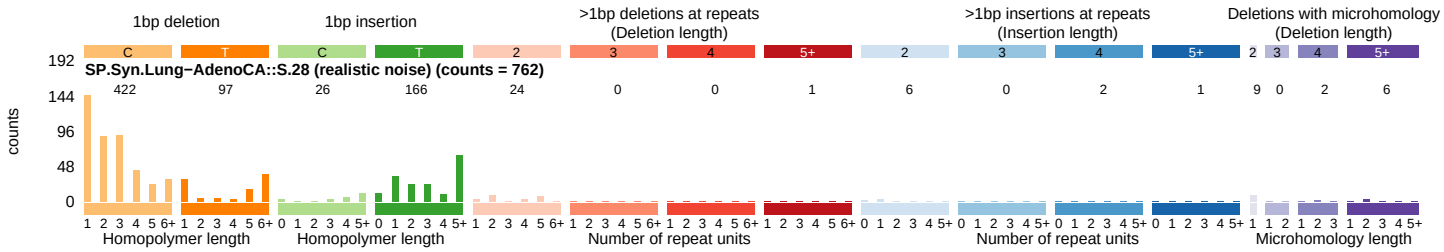
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.27 (realistic noise) (counts = 1268)
500 296 34 223 56 15 12 22 26 6 4 1 23 9 11 30
counts
Homopolymer length
Number of repeat units
Microhomology length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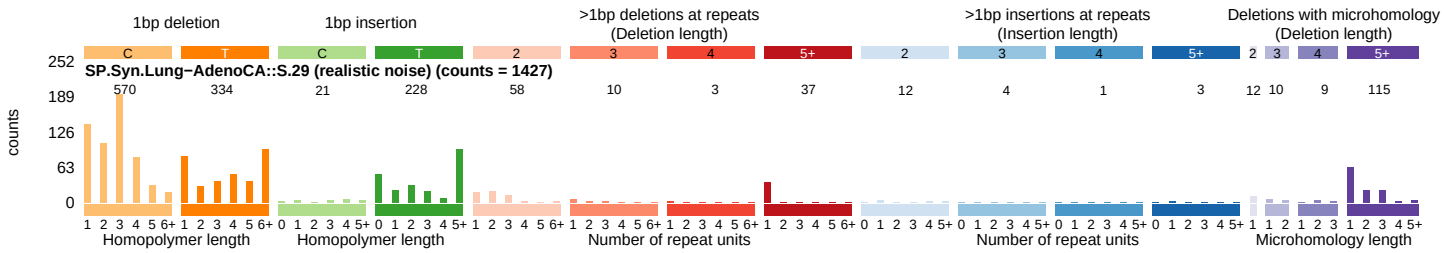
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.28 (realistic noise) (counts = 762)
422 97 26 166 24 0 0 1 6 0 2 1 9 0 2 6
counts
Homopolymer length
Number of repeat units
Microhomology length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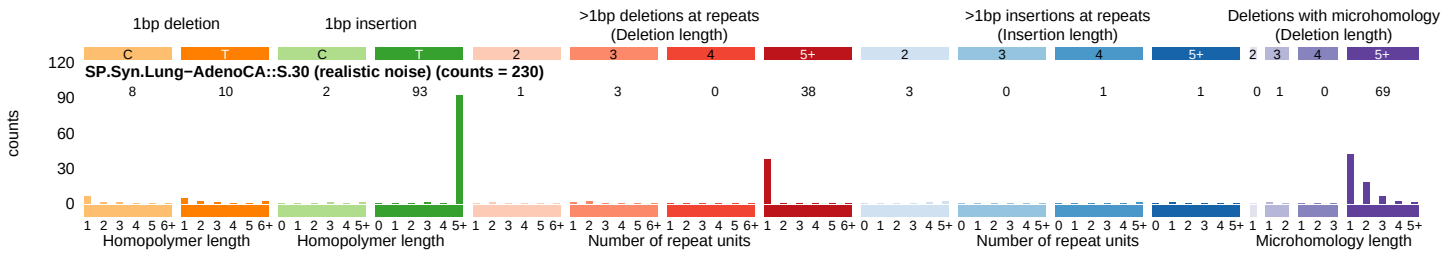
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.29 (realistic noise) (counts = 1427)
570 334 21 228 58 10 3 37 12 4 1 3 12 10 9 115
counts
Homopolymer length
Number of repeat units
Microhomology length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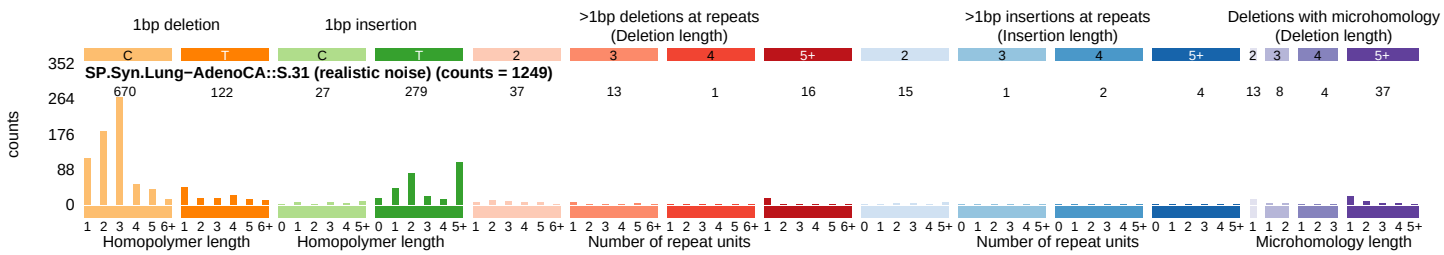
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.30 (realistic noise) (counts = 230)
8 10 2 93 1 3 0 38 3 0 1 1 0 1 0 69
counts
Homopolymer length
Number of repeat units
Microhomology length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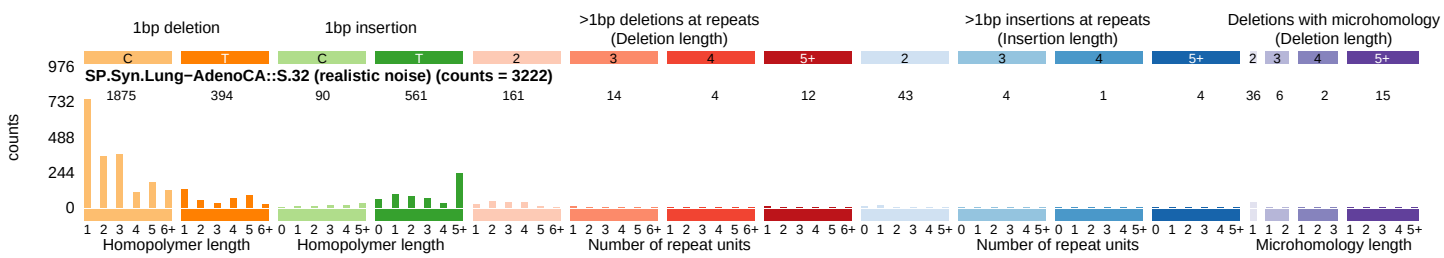
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.31 (realistic noise) (counts = 1249)
670 122 27 279 37 13 1 16 15 1 2 4 13 8 4 37
counts
Homopolymer length
Number of repeat units
Microhomology length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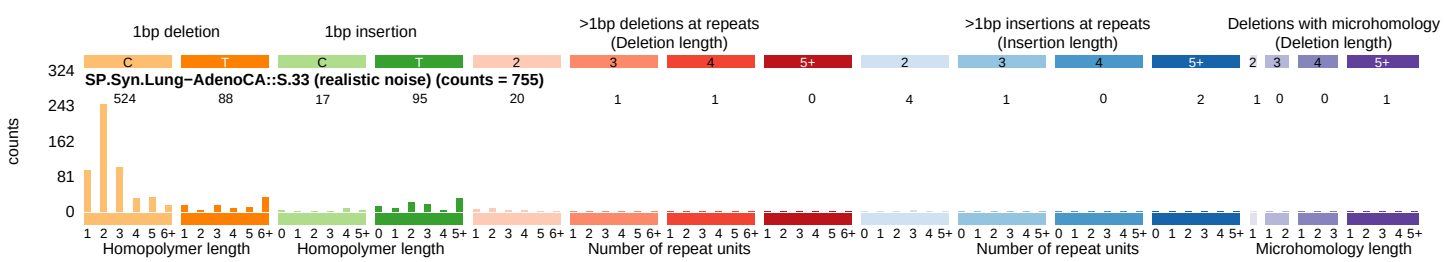
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.32 (realistic noise) (counts = 3222)
1875 394 90 561 161 14 4 12 43 4 1 4 36 6 2 15
counts
Homopolymer length
Number of repeat units
Microhomology length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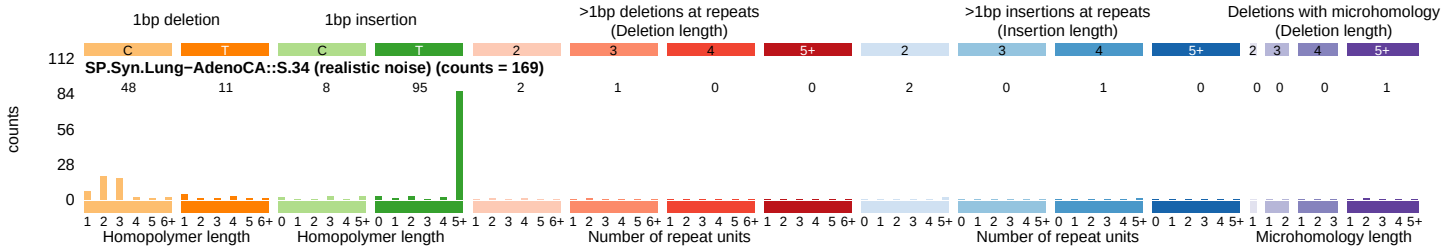
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.33 (realistic noise) (counts = 755)
524 88 17 95 20 1 1 0 4 1 0 2 1 0 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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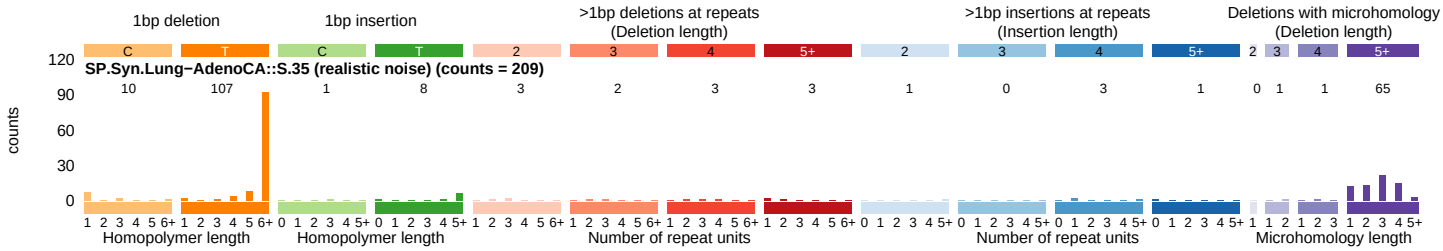
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.34 (realistic noise) (counts = 169)
48 11 8 95 2 1 0 0 2 0 1 0 0 0 0 1
counts
112 84 56 28 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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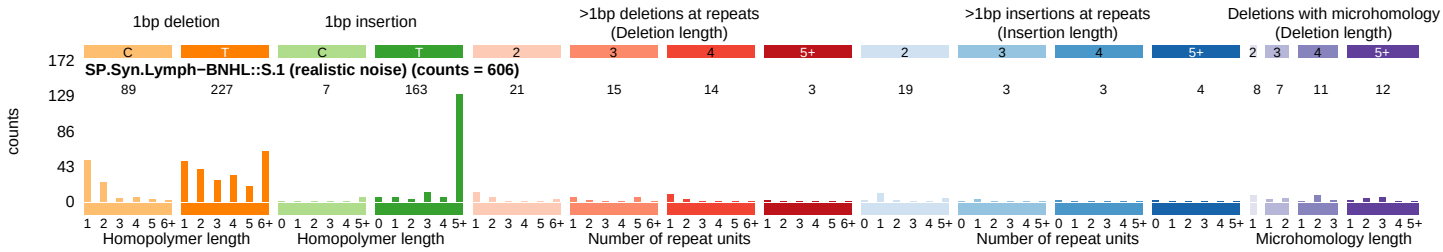
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.35 (realistic noise) (counts = 209)
10 107 1 8 3 2 3 3 1 0 3 1 0 1 1 65
counts
120 90 60 30 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 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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1bp insertion
>1bp deletions at repeats (Deletion length)
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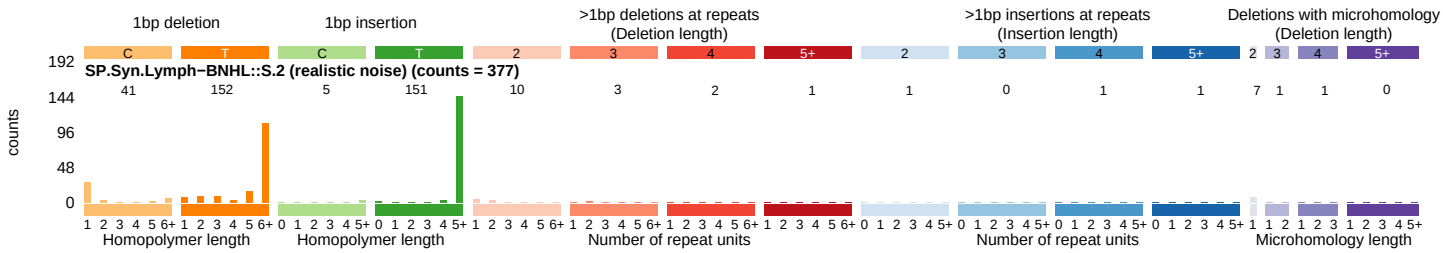
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−BNHL::S.1 (realistic noise) (counts = 606)
89 227 7 163 21 15 14 3 19 3 3 4 8 7 11 12
counts
172 129 86 43 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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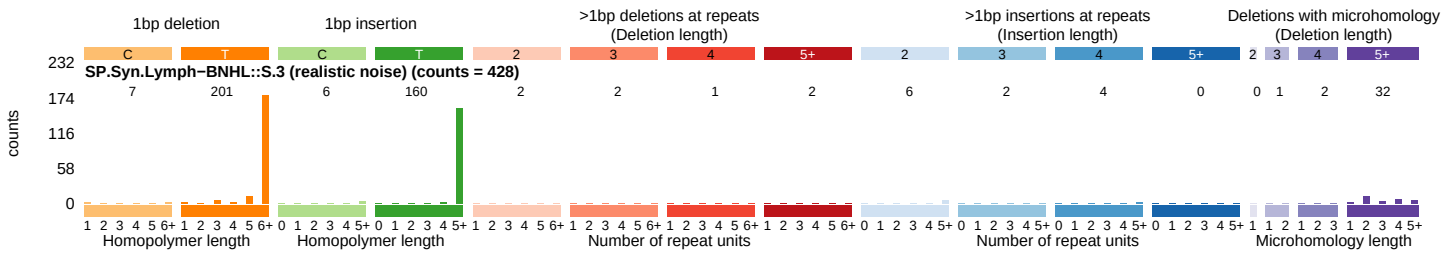
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−BNHL::S.2 (realistic noise) (counts = 377)
41 152 5 151 10 3 2 1 1 0 1 1 7 1 1 0
counts
192 144 96 48 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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1bp insertion
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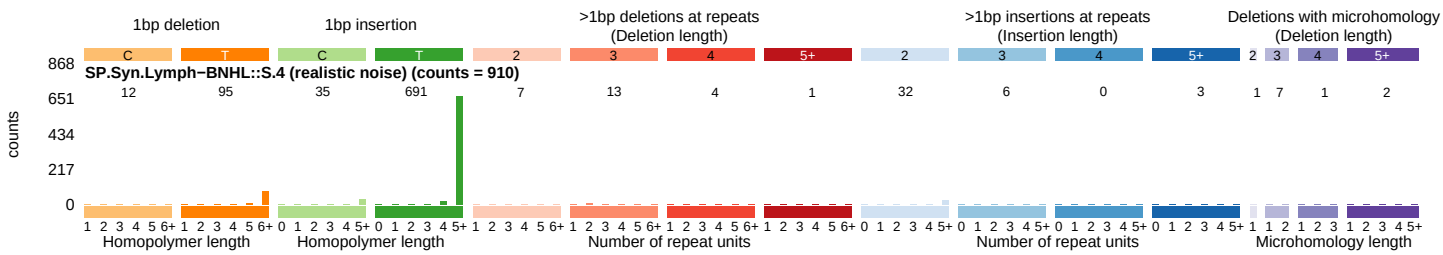
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−BNHL::S.3 (realistic noise) (counts = 428)
7 201 6 160 2 2 1 2 6 2 4 0 0 1 2 32
counts
232 174 116 58 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 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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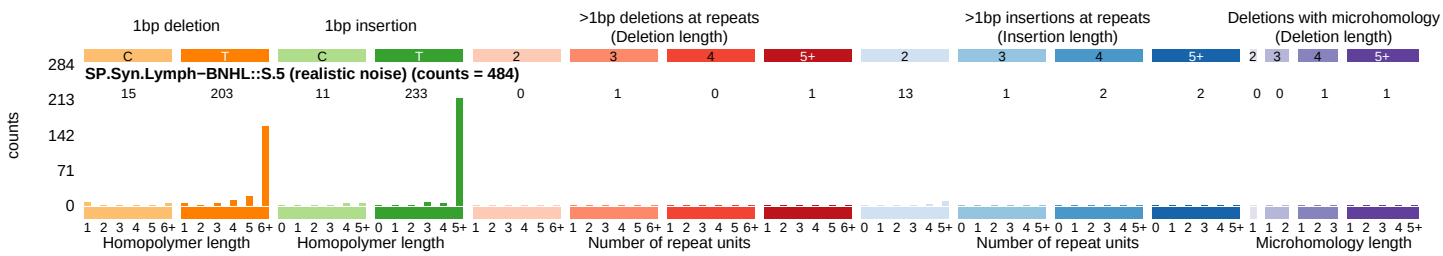
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−BNHL::S.4 (realistic noise) (counts = 910)
12 95 35 691 7 13 4 1 32 6 0 3 1 7 1 2
counts
868 651 434 217 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 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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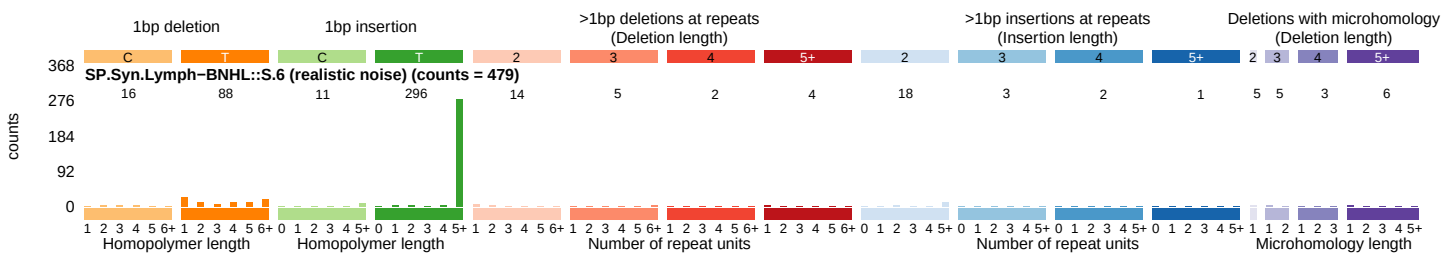
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−BNHL::S.5 (realistic noise) (counts = 484)
15 203 11 233 0 1 0 1 13 1 2 2 0 0 1 1
counts
284 213 142 71 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 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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1bp insertion
>1bp deletions at repeats (Deletion length)
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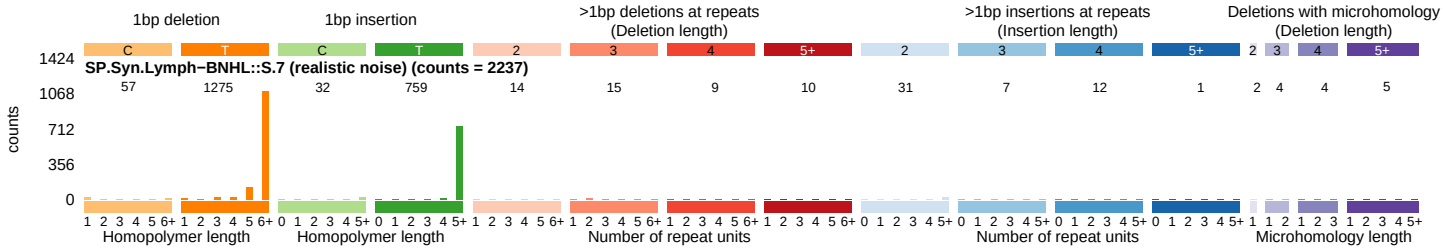
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−BNHL::S.6 (realistic noise) (counts = 479)
16 88 11 296 14 5 2 4 18 3 2 1 5 5 3 6
counts
368 276 184 92 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 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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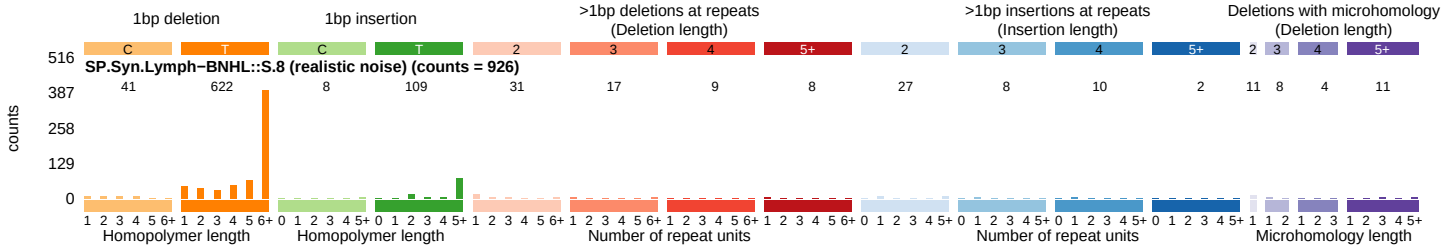
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.7 (realistic noise) (counts = 2237)
counts
Homopolymer length
Number of repeat units
Microhomology length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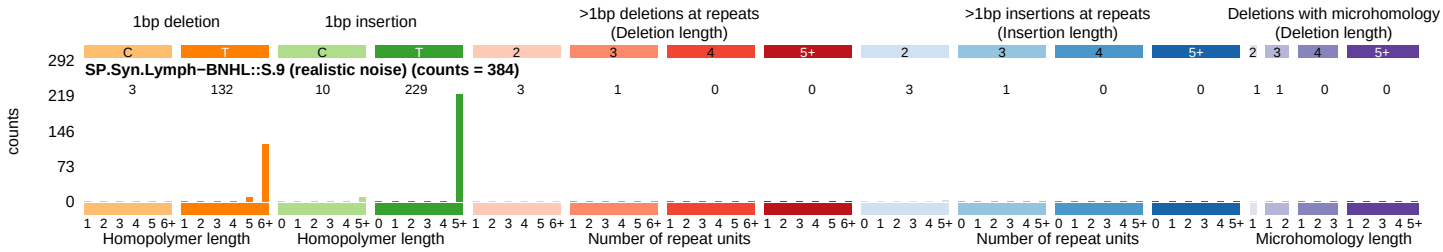
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.8 (realistic noise) (counts = 926)
counts
Homopolymer length
Number of repeat units
Microhomology length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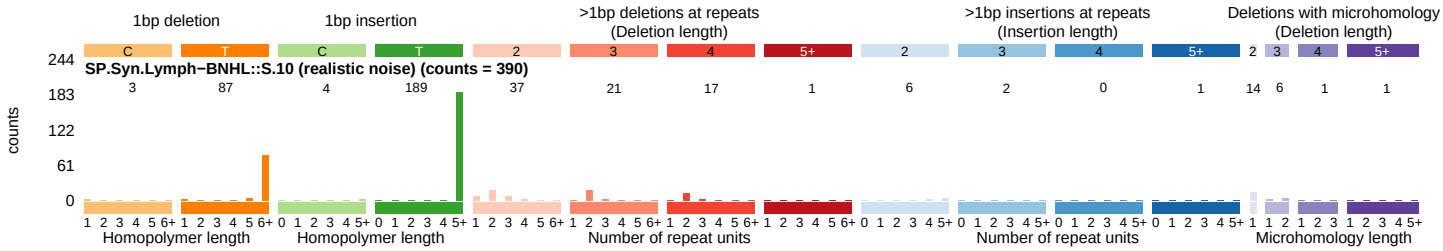
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.9 (realistic noise) (counts = 384)
counts
Homopolymer length
Number of repeat units
Microhomology length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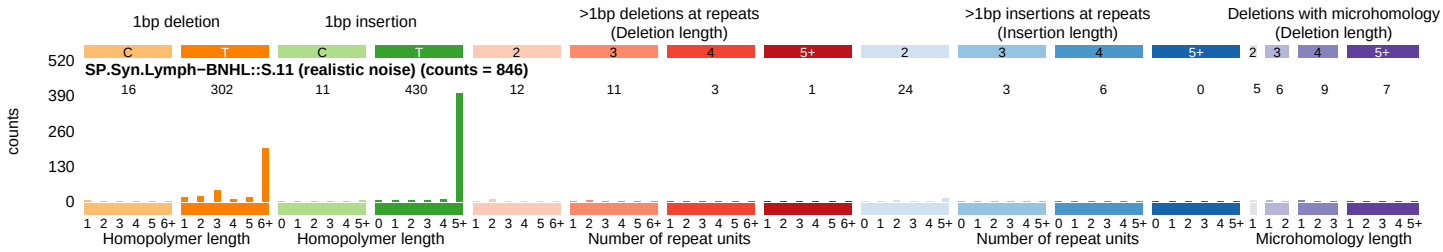
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.10 (realistic noise) (counts = 390)
counts
Homopolymer length
Number of repeat units
Microhomology length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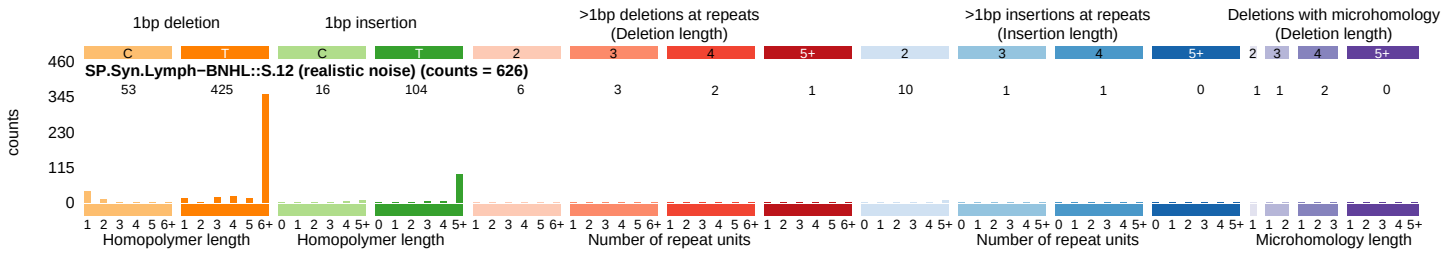
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.11 (realistic noise) (counts = 846)
counts
Homopolymer length
Number of repeat units
Microhomology length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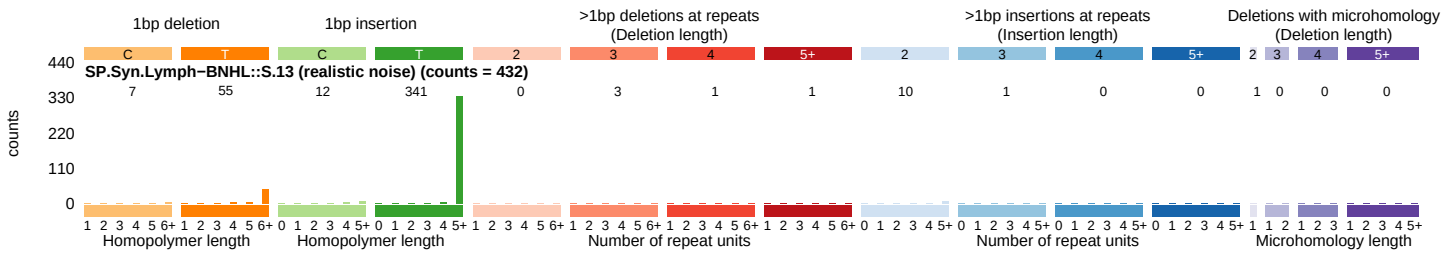
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.12 (realistic noise) (counts = 626)
counts
Homopolymer length
Number of repeat units
Microhomology length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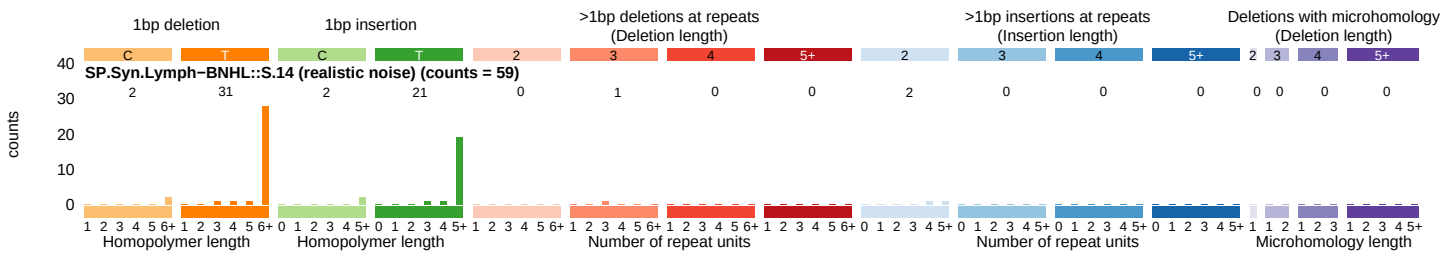
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.13 (realistic noise) (counts = 432)
counts
Homopolymer length
Number of repeat units
Microhomology length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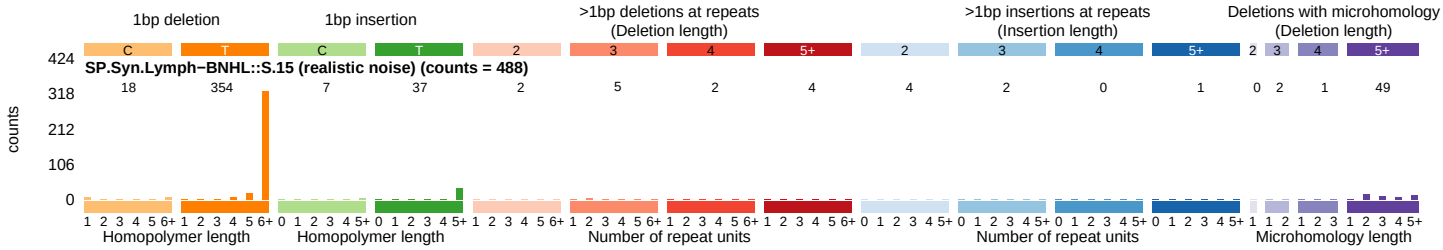
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.14 (realistic noise) (counts = 59)
counts
Homopolymer length
Number of repeat units
Microhomology length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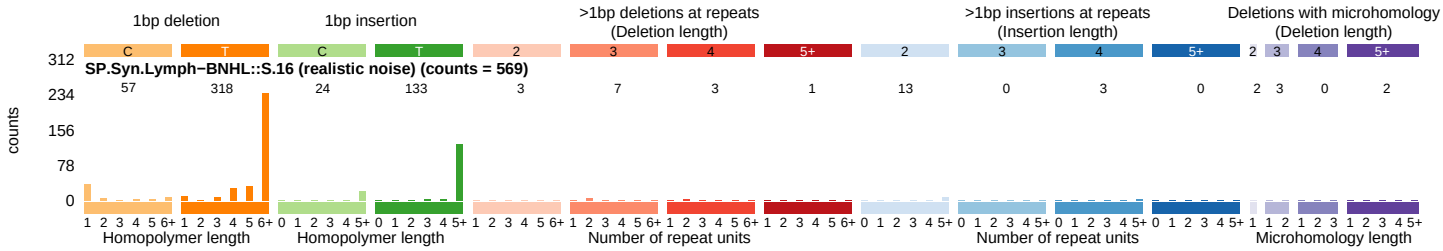
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.15 (realistic noise) (counts = 488)
counts
Homopolymer length
Number of repeat units
Microhomology length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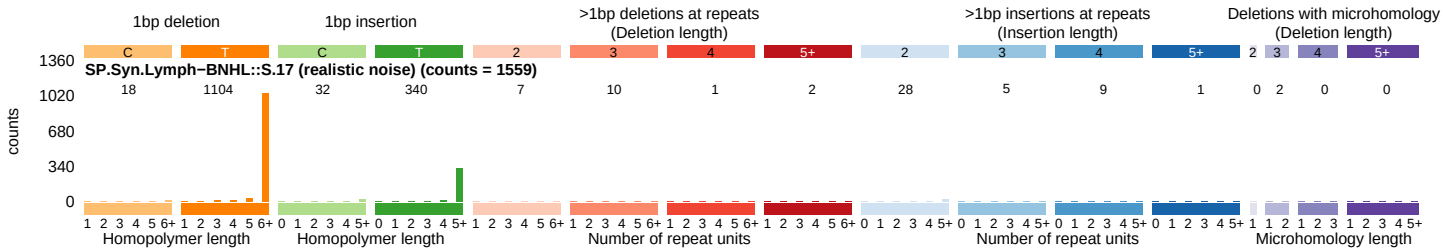
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.16 (realistic noise) (counts = 569)
counts
Homopolymer length
Number of repeat units
Microhomology length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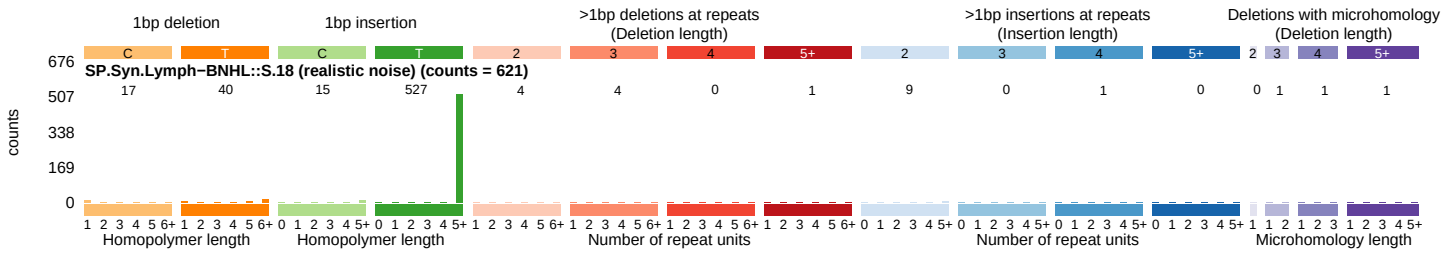
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.17 (realistic noise) (counts = 1559)
counts
Homopolymer length
Number of repeat units
Microhomology length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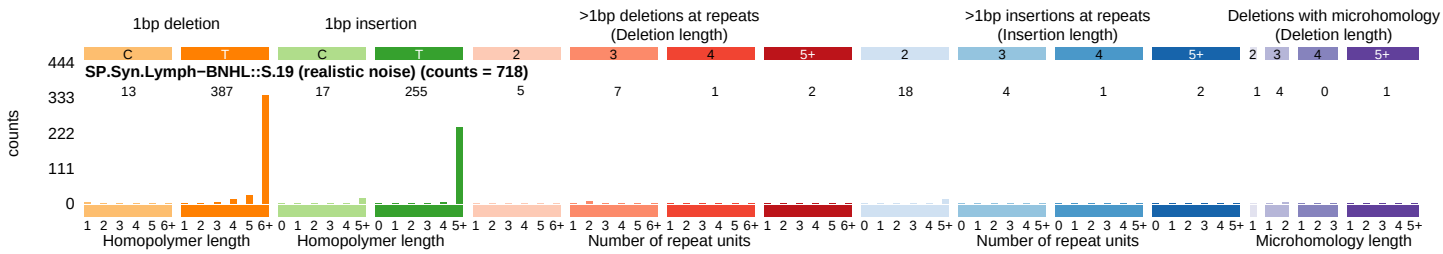
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.18 (realistic noise) (counts = 621)
counts
Homopolymer length
Number of repeat units
Microhomology length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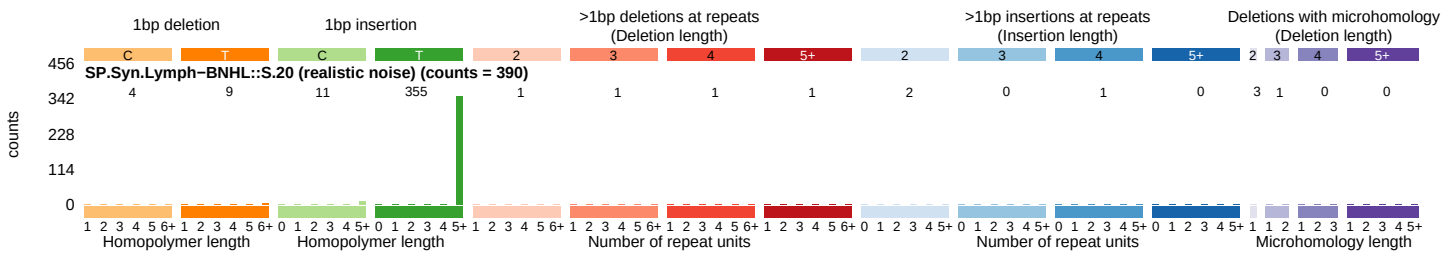
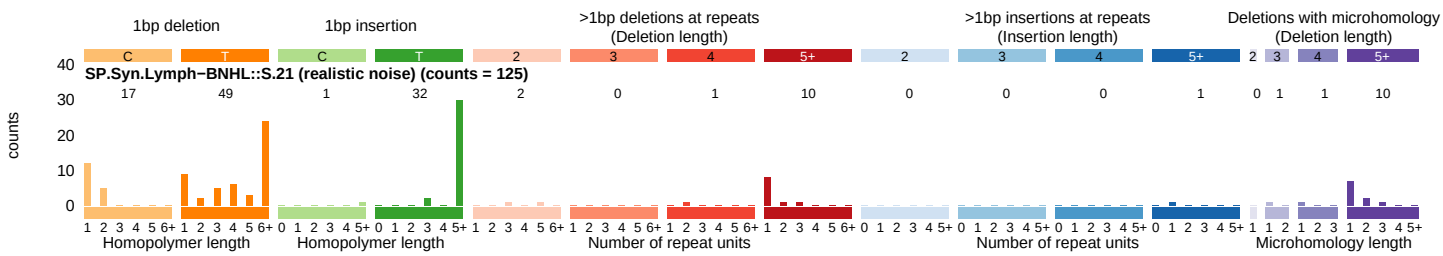
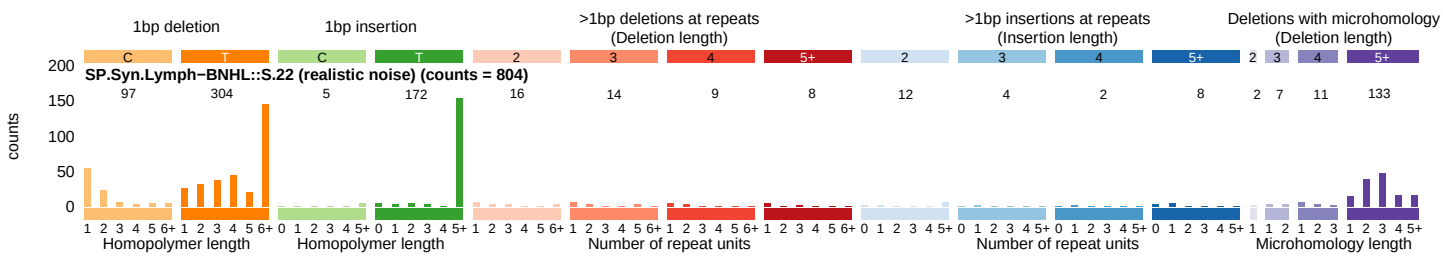
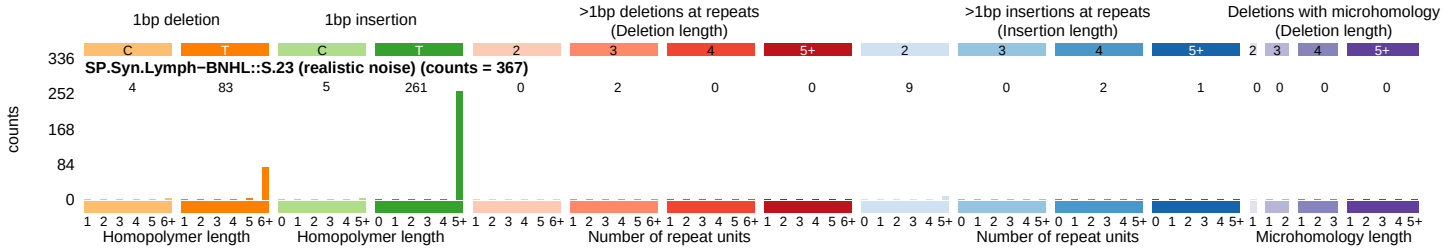
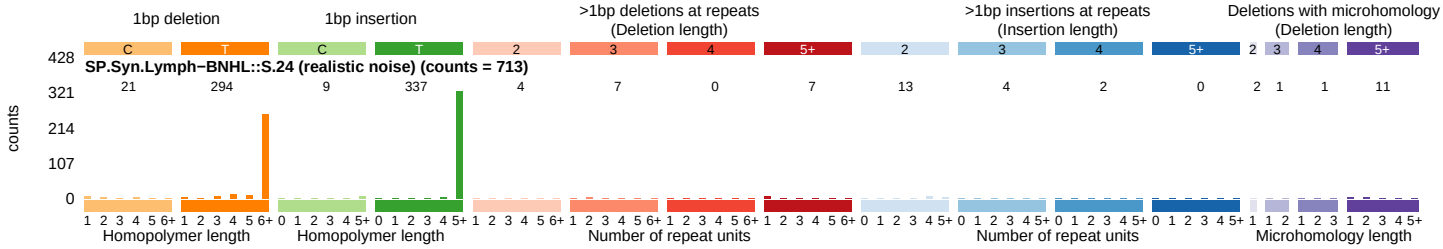
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.19 (realistic noise) (counts = 718)
counts
Homopolymer length
Number of repeat units
Microhomology length

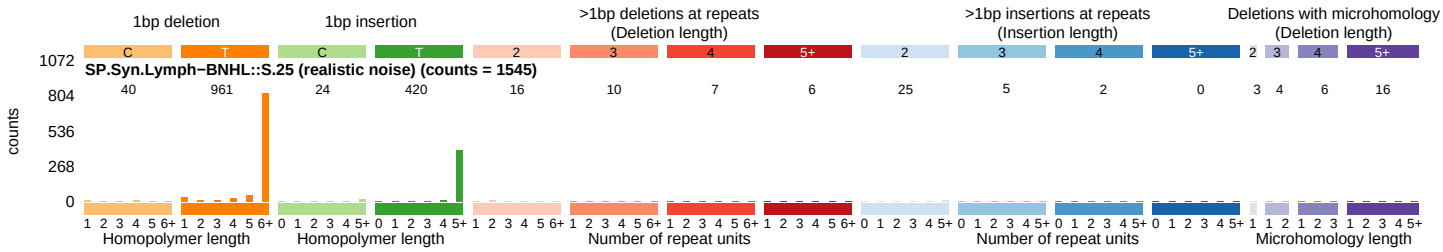

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.20 (realistic noise) (counts = 390)
counts
Homopolymer length
Number of repeat units
Microhomology length

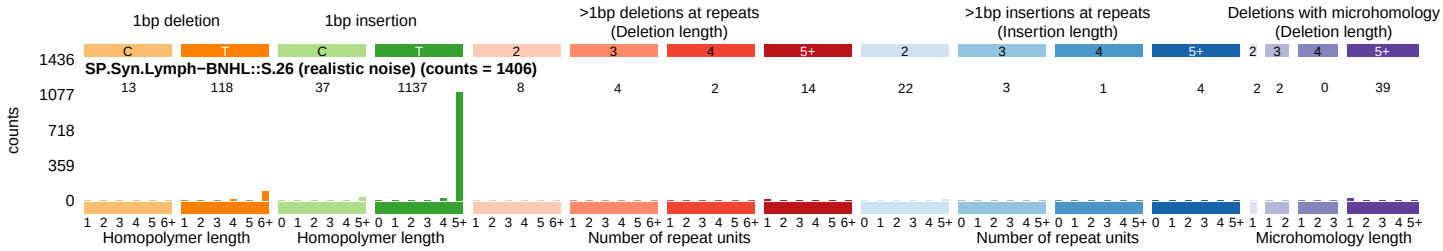

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.21 (realistic noise) (counts = 125)
counts
Homopolymer length
Number of repeat units
Microhomology length

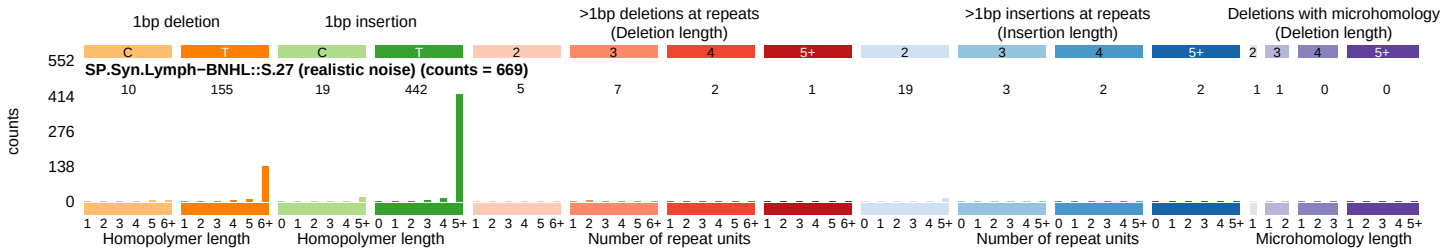

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.22 (realistic noise) (counts = 804)
counts
Homopolymer length
Number of repeat units
Microhomology length

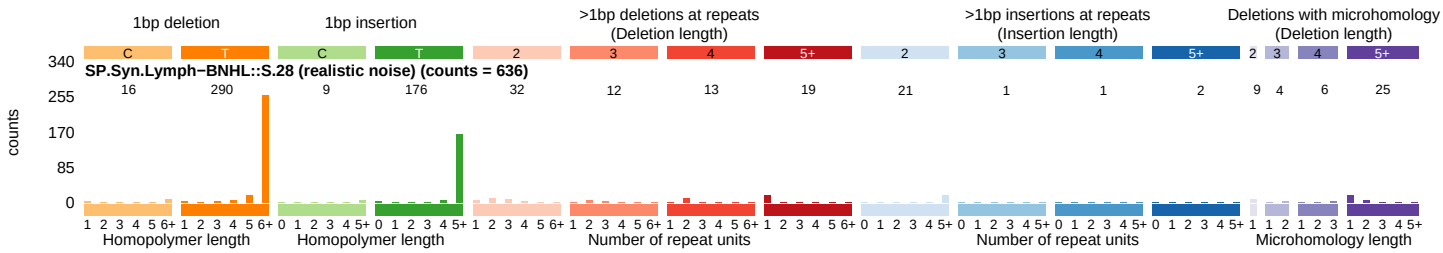

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.23 (realistic noise) (counts = 367)
counts
Homopolymer length
Number of repeat units
Microhomology length

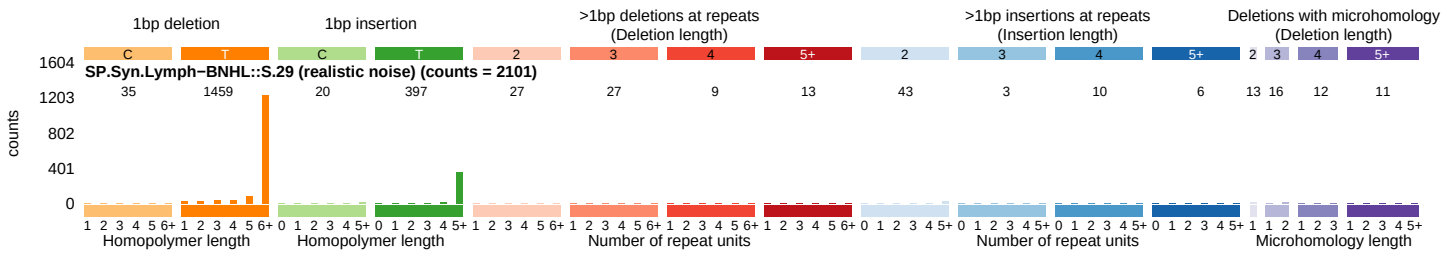

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.24 (realistic noise) (counts = 713)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (realistic noise) (counts = 1545)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 1406)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic 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.Lymph−BNHL::S.28 (realistic noise) (counts = 636)
counts
Homopolymer length
Number of repeat units
Microhomology length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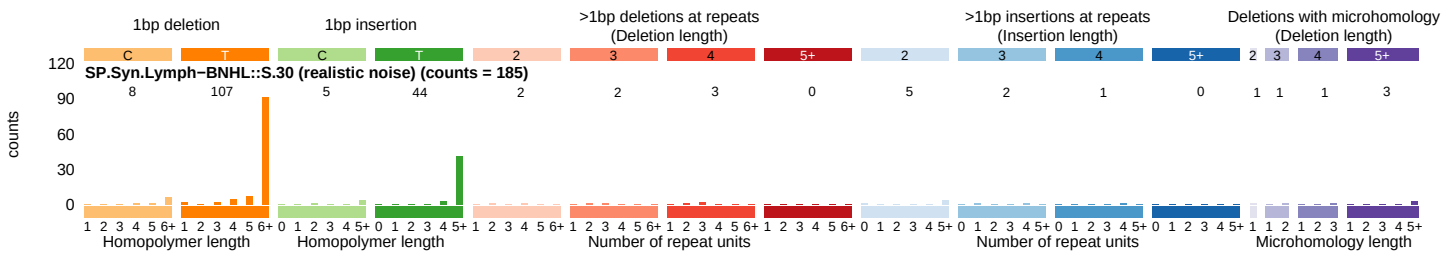
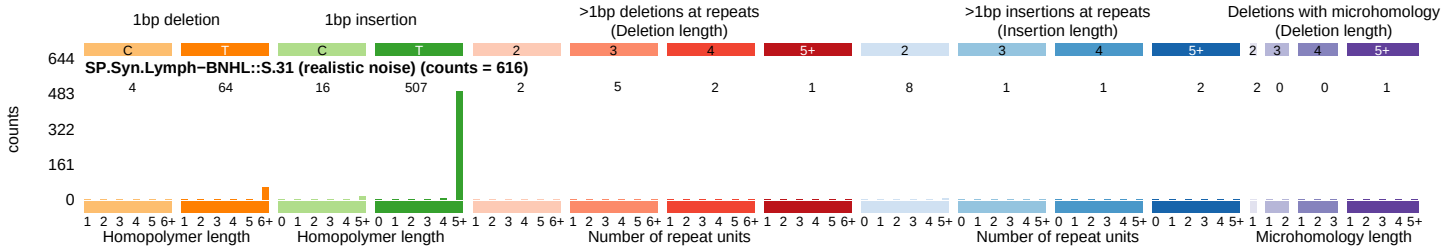
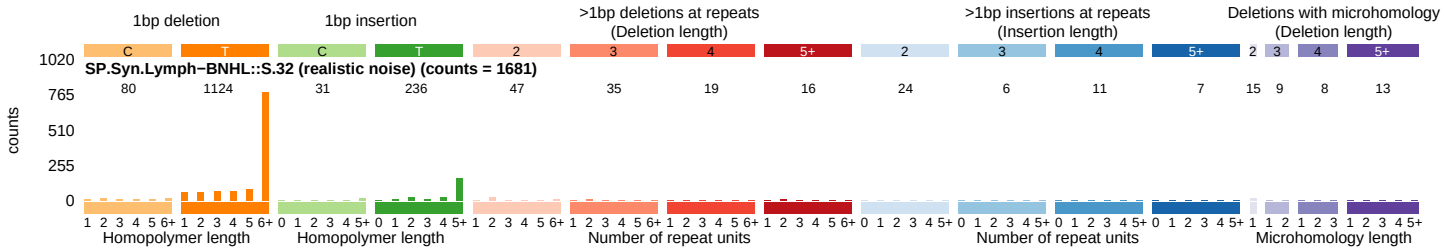
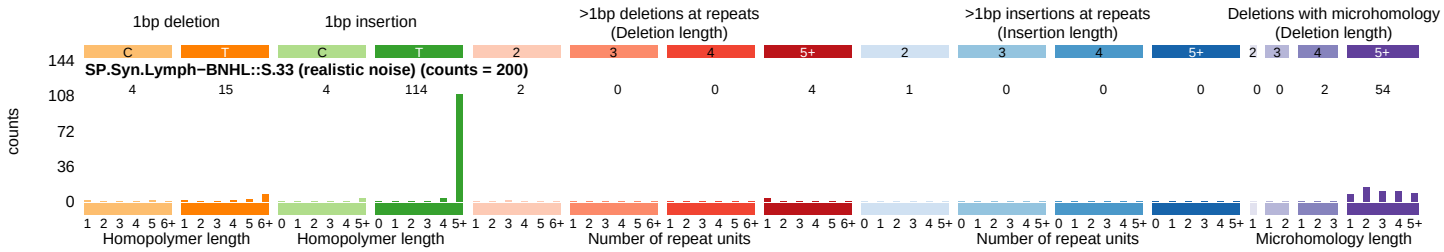
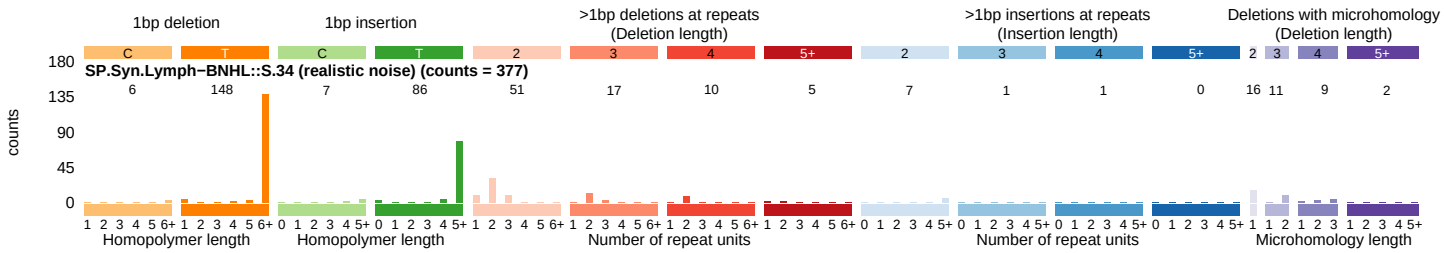
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.29 (realistic noise) (counts = 2101)
counts
Homopolymer length
Number of repeat units
Microhomology length

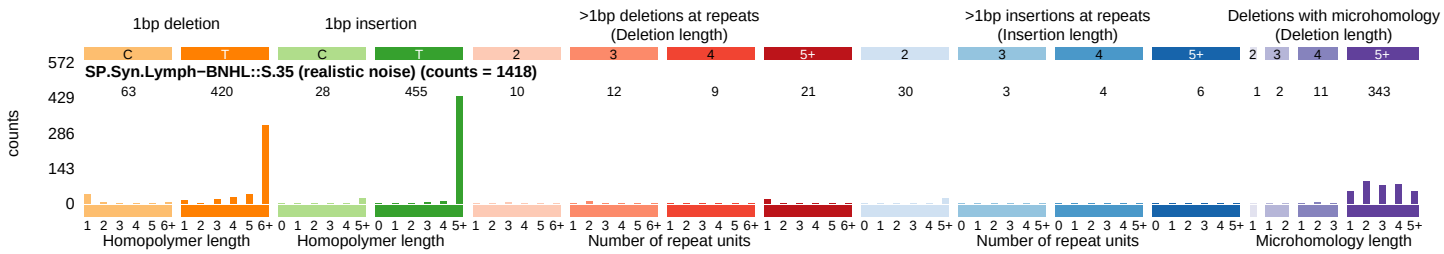

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.30 (realistic noise) (counts = 185)
counts
Homopolymer length
Number of repeat units
Microhomology length

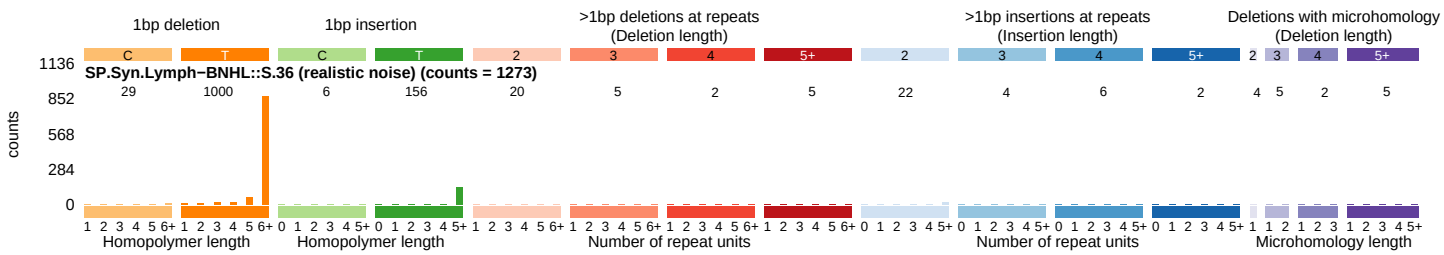

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.31 (realistic noise) (counts = 616)
counts
Homopolymer length
Number of repeat units
Microhomology length

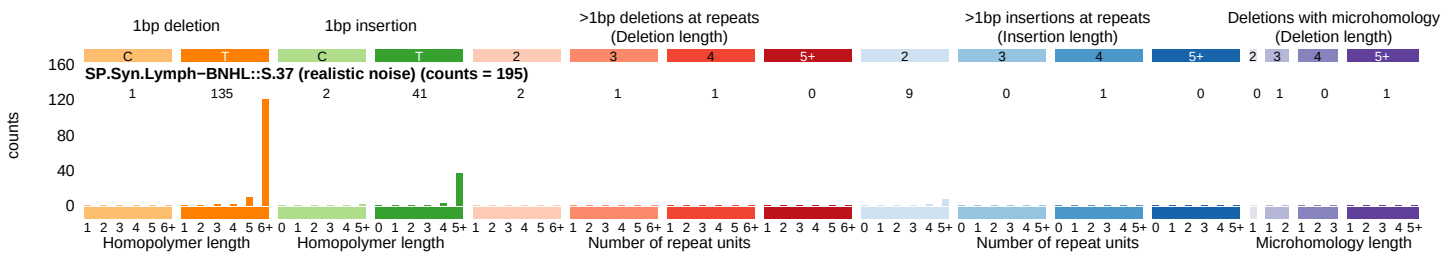

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.32 (realistic noise) (counts = 1681)
counts
Homopolymer length
Number of repeat units
Microhomology length

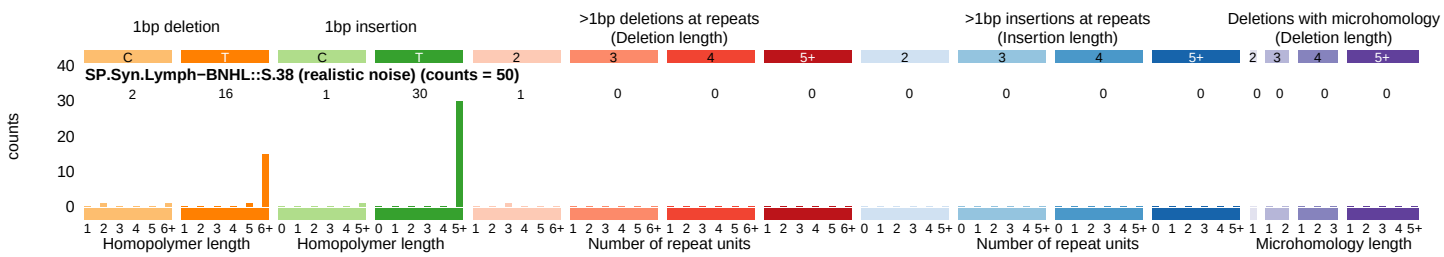

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.33 (realistic noise) (counts = 200)
counts
Homopolymer length
Number of repeat units
Microhomology length

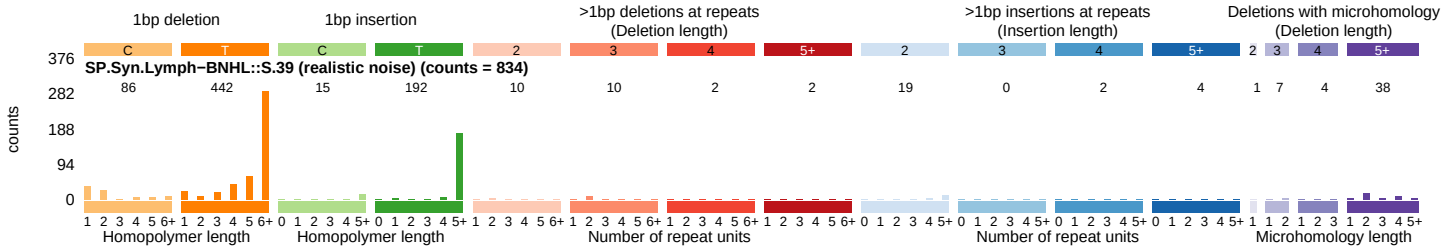

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.34 (realistic noise) (counts = 377)
counts
Homopolymer length
Number of repeat units
Microhomology length

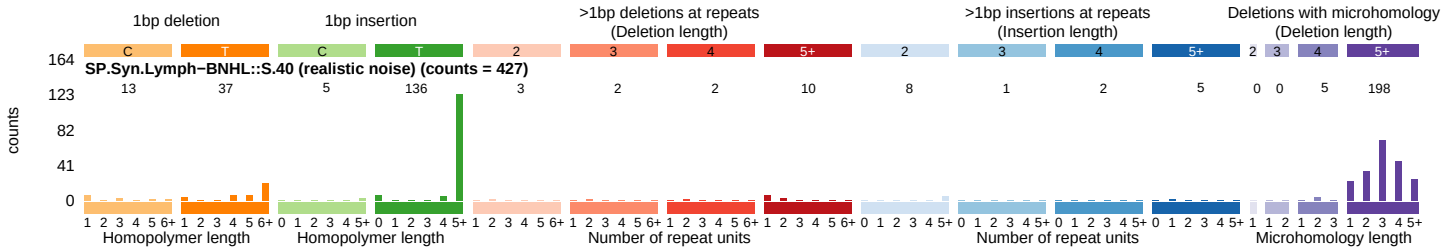

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.35 (realistic noise) (counts = 1418)
counts
Homopolymer length
Number of repeat units
Microhomology length

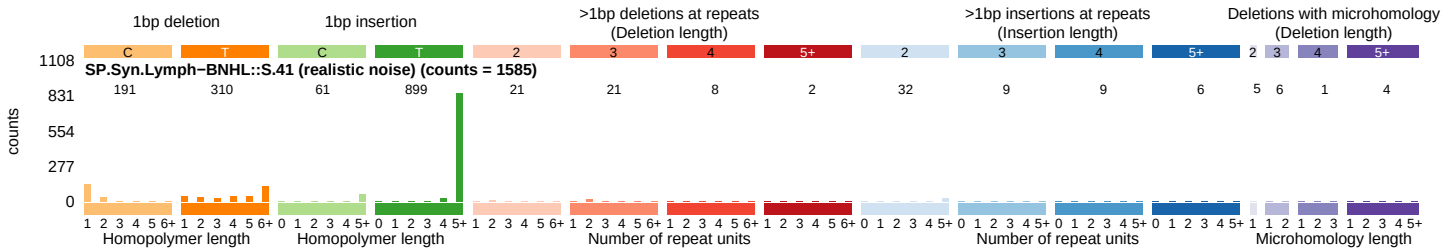

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.36 (realistic noise) (counts = 1273)
counts
Homopolymer length
Number of repeat units
Microhomology length

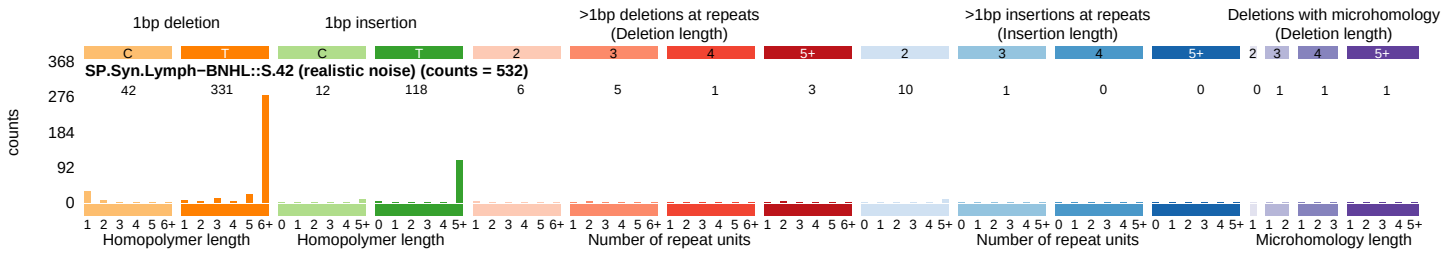

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.37 (realistic noise) (counts = 195)
counts
Homopolymer length
Number of repeat units
Microhomology length

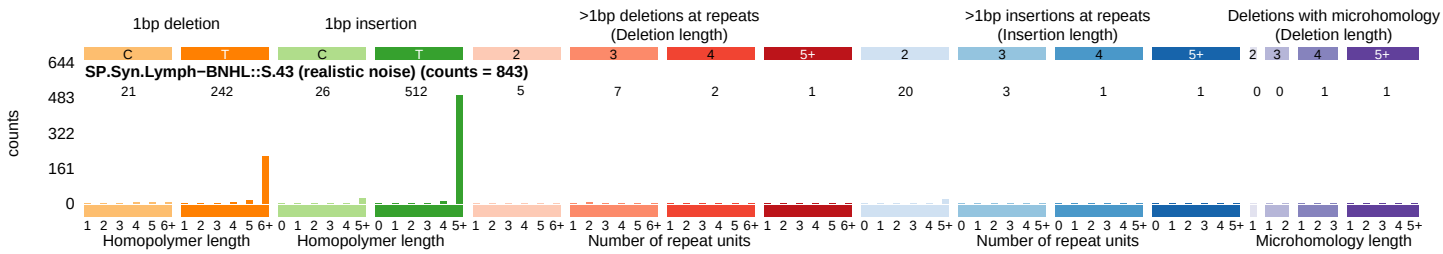

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.38 (realistic noise) (counts = 50)
counts
Homopolymer length
Number of repeat units
Microhomology length

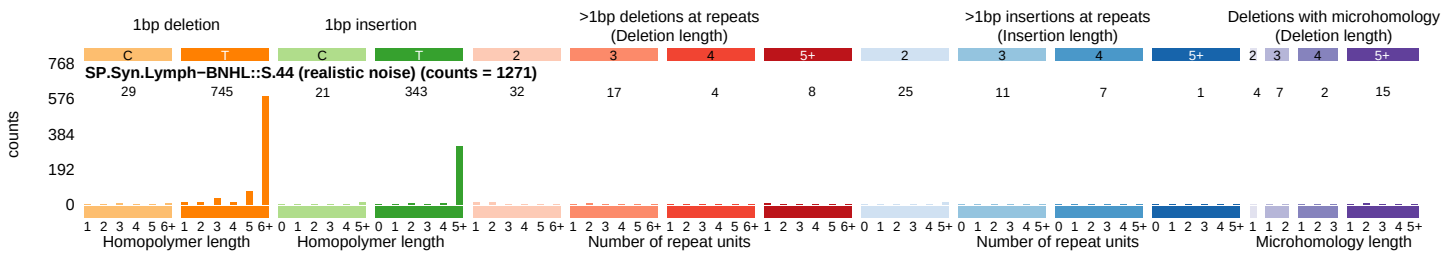

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.39 (realistic noise) (counts = 834)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
86 442 15 192 10 10 2 2 19 0 2 4 1 7 4 38
counts
376 282 188 94 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

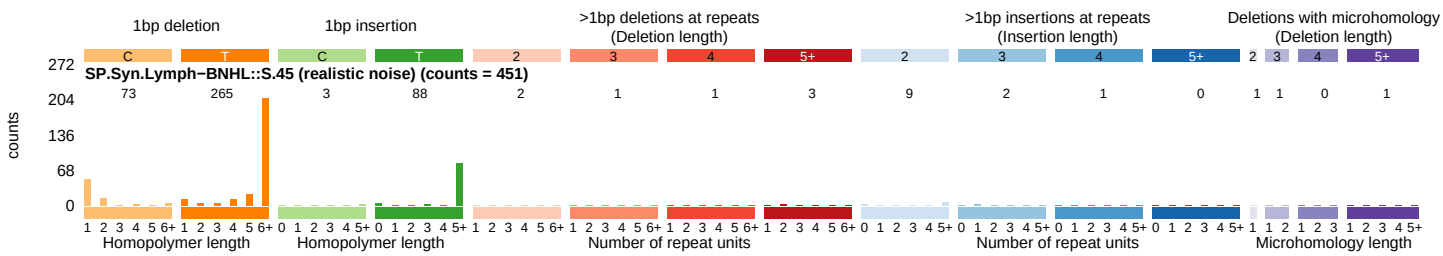

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.40 (realistic noise) (counts = 427)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
13 37 5 136 3 2 2 10 8 1 2 5 0 0 5 198
counts
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

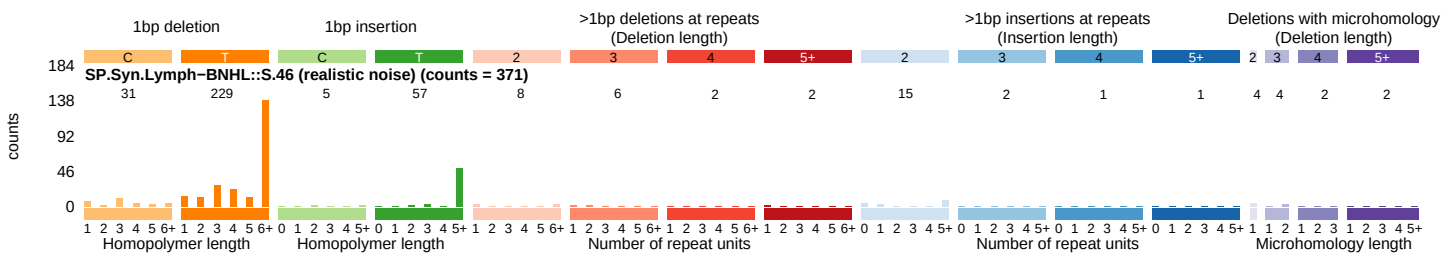

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.41 (realistic noise) (counts = 1585)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
191 310 61 899 21 21 8 2 32 9 9 6 5 6 1 4
counts
1108 831 554 277 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

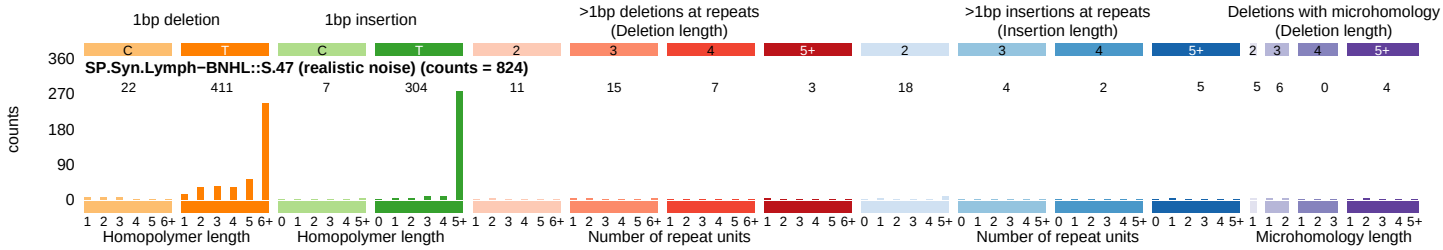

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.42 (realistic noise) (counts = 532)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
42 331 12 118 6 5 1 3 10 1 0 0 0 1 1 1
counts
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

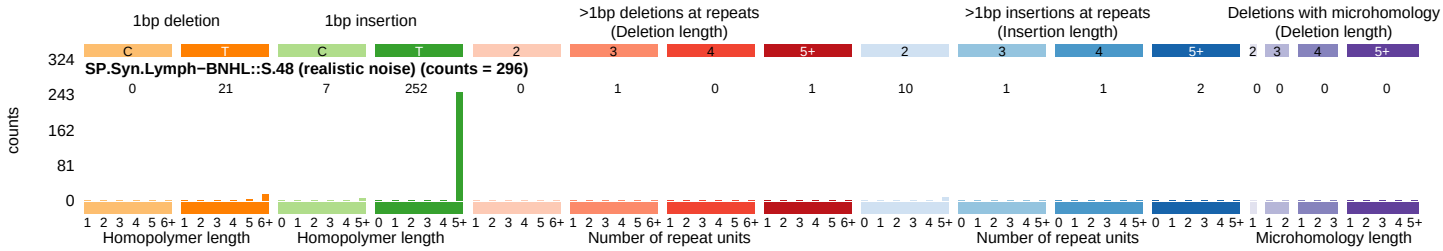

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.43 (realistic noise) (counts = 843)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
21 242 26 512 5 7 2 1 20 3 1 1 0 0 1 1
counts
644 483 322 161 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

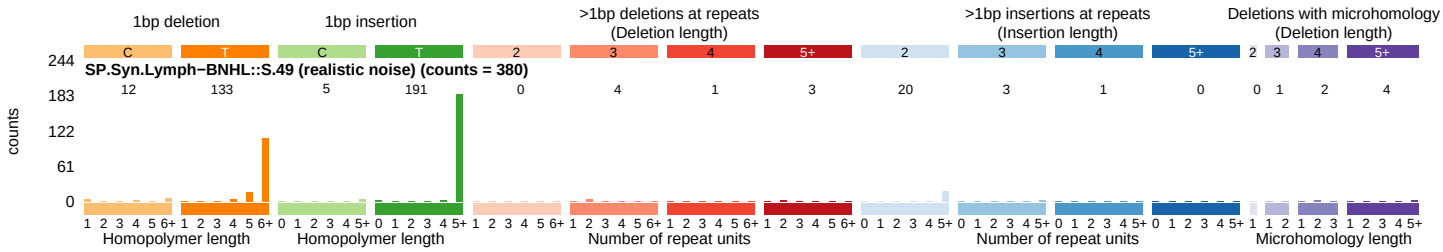

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.44 (realistic noise) (counts = 1271)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
29 745 21 343 32 17 4 8 25 11 7 1 4 7 2 15
counts
768 576 384 192 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

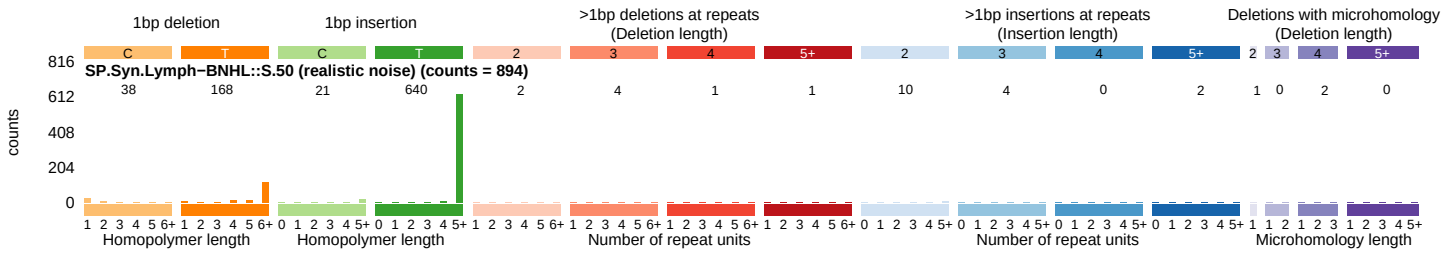

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.45 (realistic noise) (counts = 451)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
73 265 3 88 2 1 1 3 9 2 1 0 1 1 0 1
counts
272 204 136 68 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

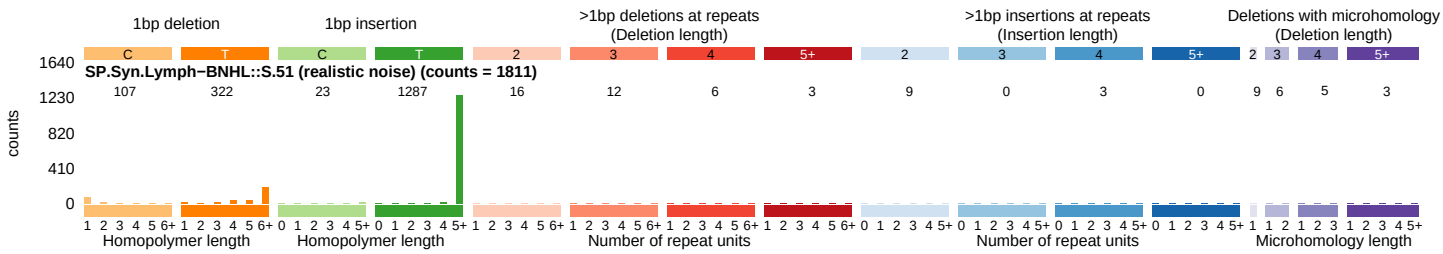

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.46 (realistic noise) (counts = 371)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
31 229 5 57 8 6 2 2 15 2 1 1 4 4 2 2
counts
184 138 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)
SP.Syn.Lymph−BNHL::S.47 (realistic 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.Lymph−BNHL::S.48 (realistic noise) (counts = 296)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic 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.Lymph−BNHL::S.50 (realistic noise) (counts = 894)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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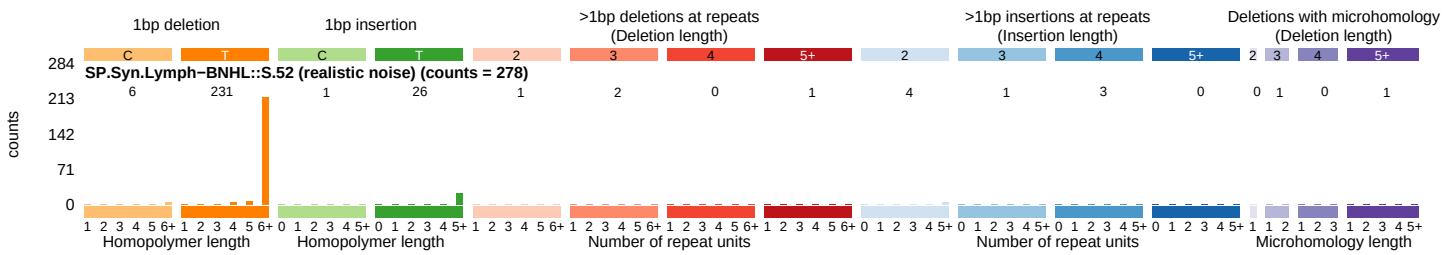
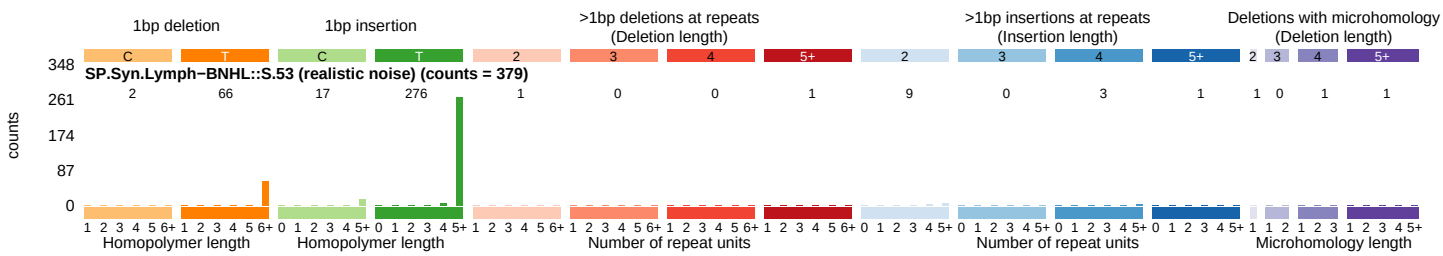
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.51 (realistic noise) (counts = 1811)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (realistic noise) (counts = 278)
counts
Homopolymer length
Number of repeat units
Microhomology length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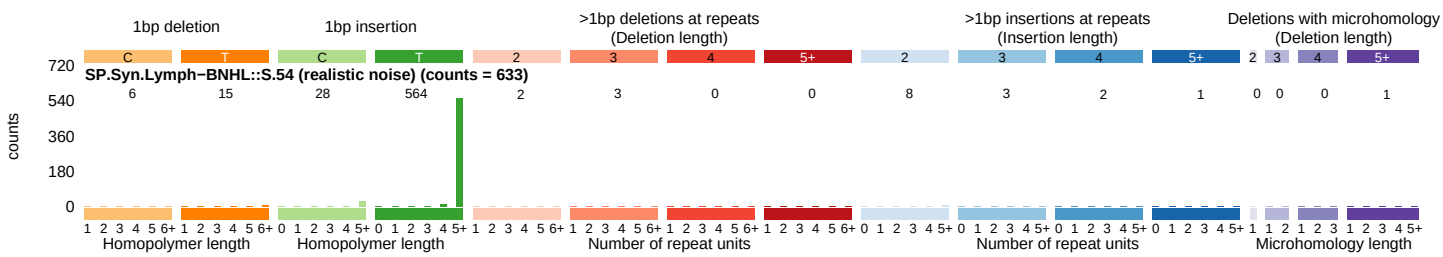
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.53 (realistic noise) (counts = 379)
counts
Homopolymer length
Number of repeat units
Microhomology length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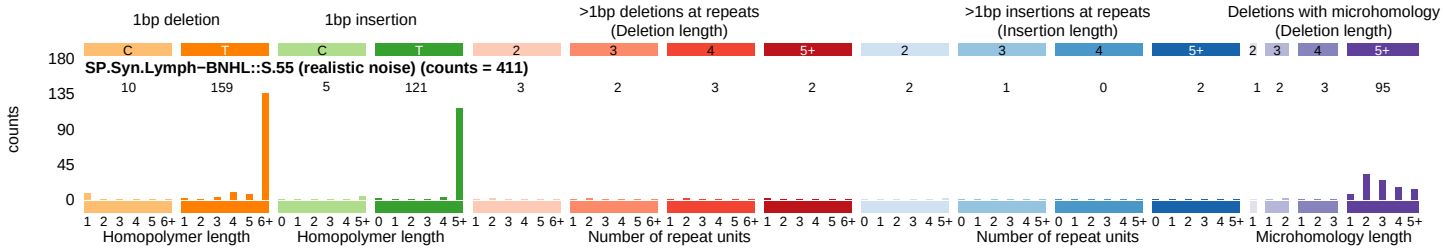
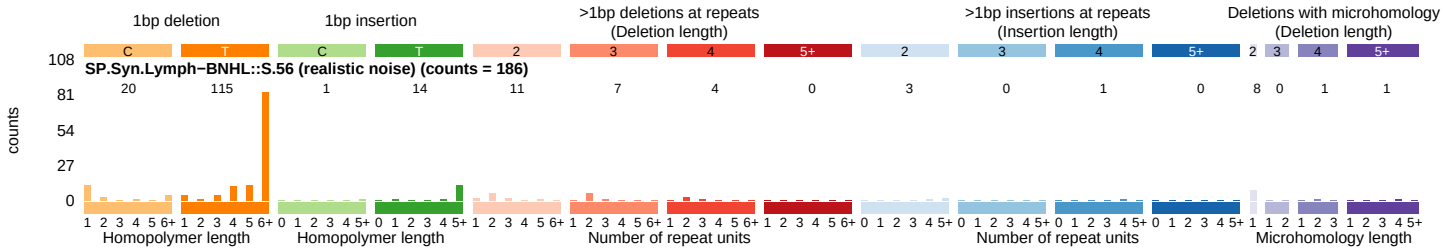
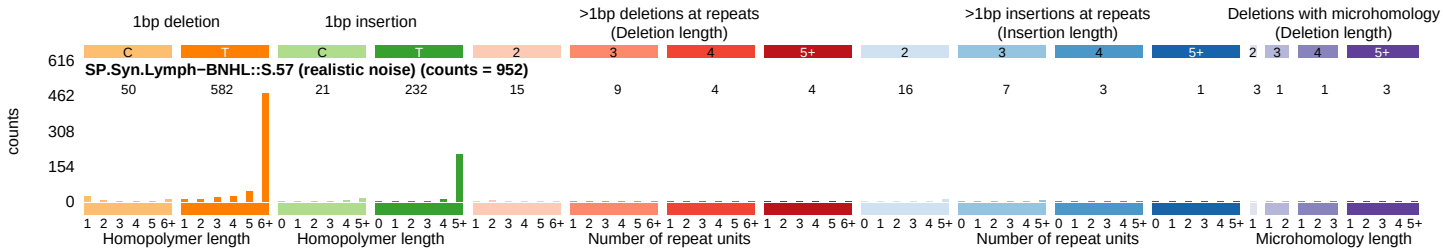
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.54 (realistic noise) (counts = 633)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.55 (realistic 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.Lymph−BNHL::S.56 (realistic noise) (counts = 186)
counts
Homopolymer length
Number of repeat units
Microhomology length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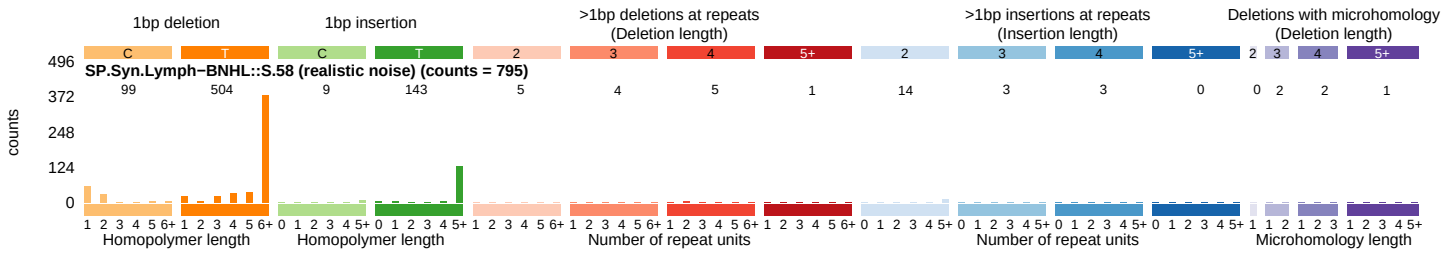
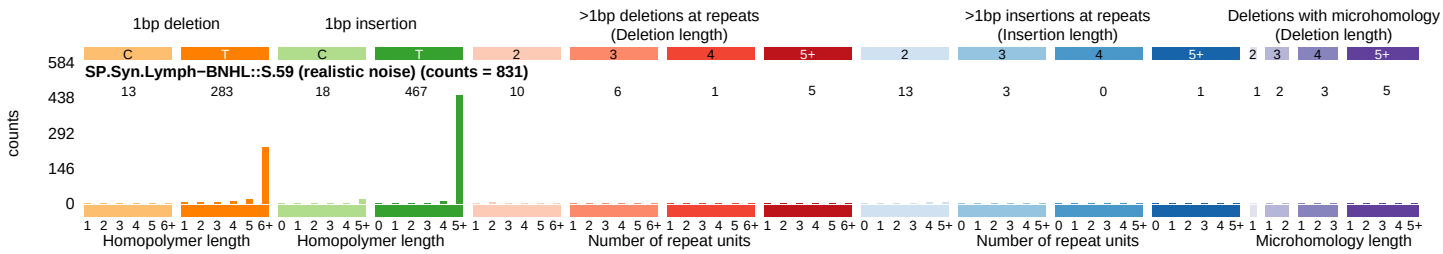
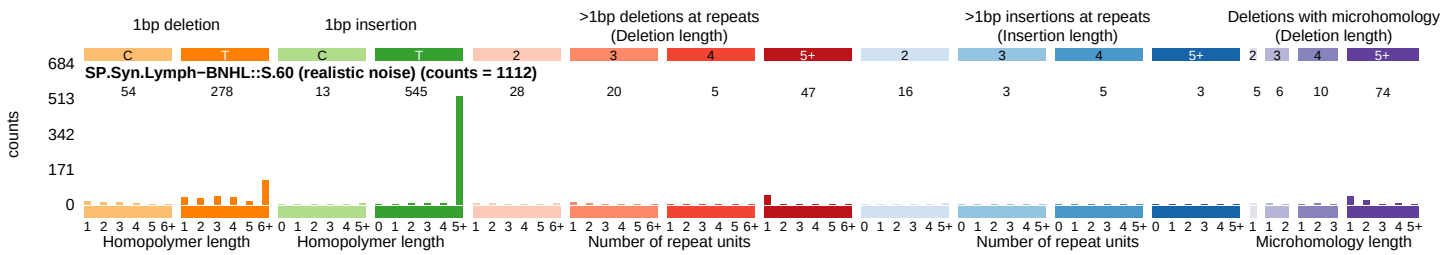
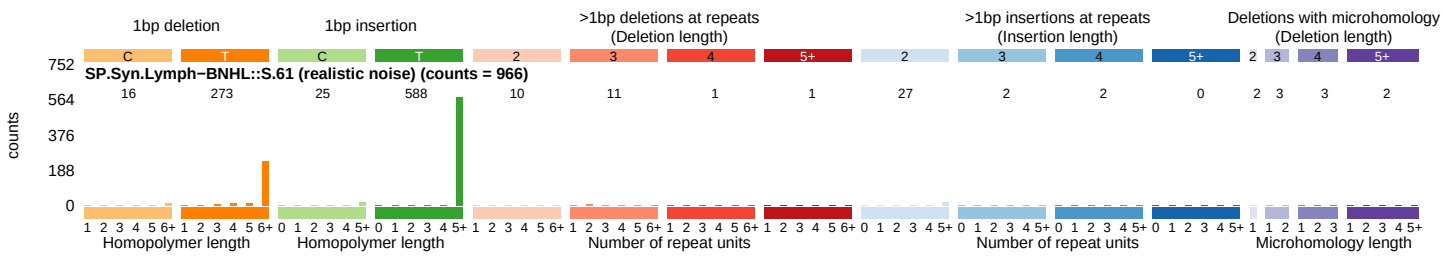
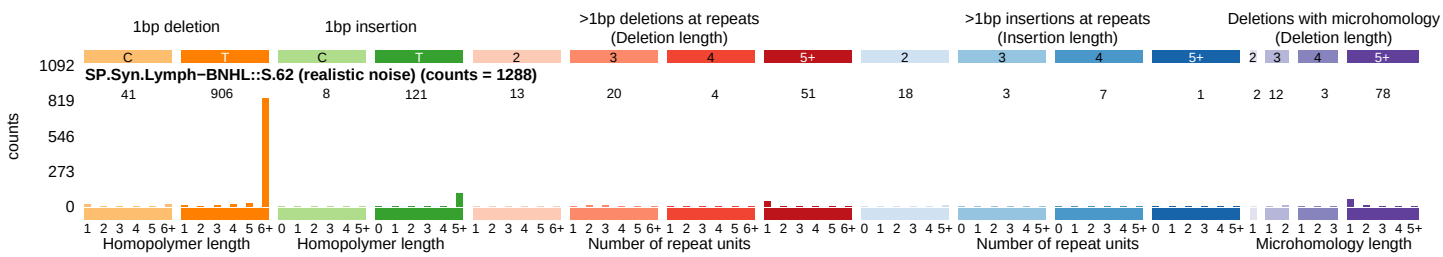
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.57 (realistic noise) (counts = 952)
counts
Homopolymer length
Number of repeat units
Microhomology length

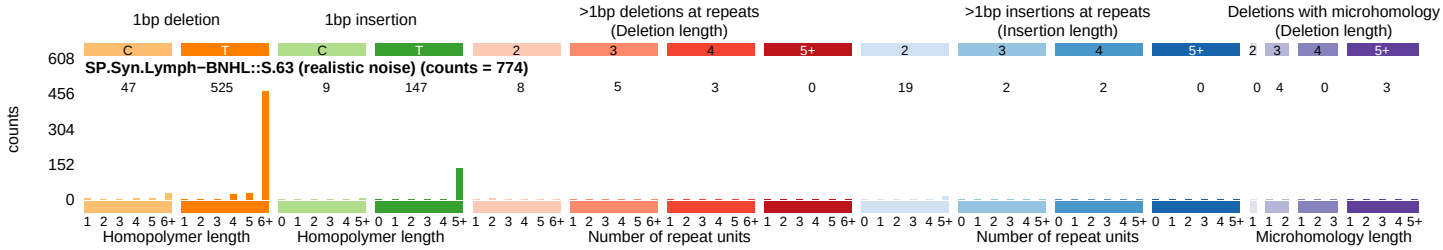

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.58 (realistic noise) (counts = 795)
counts
Homopolymer length
Number of repeat units
Microhomology length

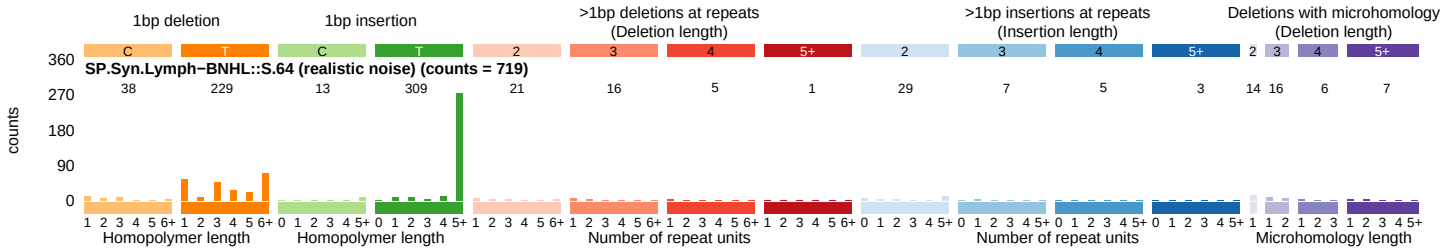

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.59 (realistic noise) (counts = 831)
counts
Homopolymer length
Number of repeat units
Microhomology length

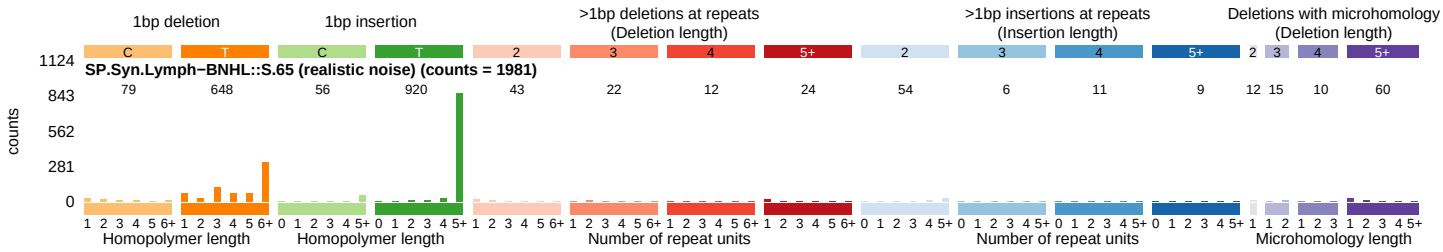

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.60 (realistic noise) (counts = 1112)
counts
Homopolymer length
Number of repeat units
Microhomology length

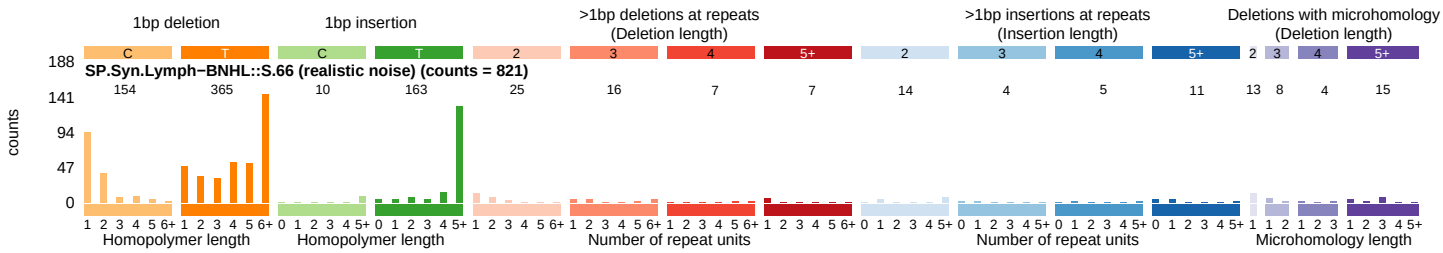

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.61 (realistic noise) (counts = 966)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (realistic noise) (counts = 1288)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 774)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
47 525 9 147 8 5 3 0 19 2 2 0 0 4 0 3
counts
608 456 304 152 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.64 (realistic noise) (counts = 719)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
38 229 13 309 21 16 5 1 29 7 5 3 14 16 6 7
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)
SP.Syn.Lymph−BNHL::S.65 (realistic noise) (counts = 1981)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
79 648 56 920 43 22 12 24 54 6 11 9 12 15 10 60
counts
1124 843 562 281 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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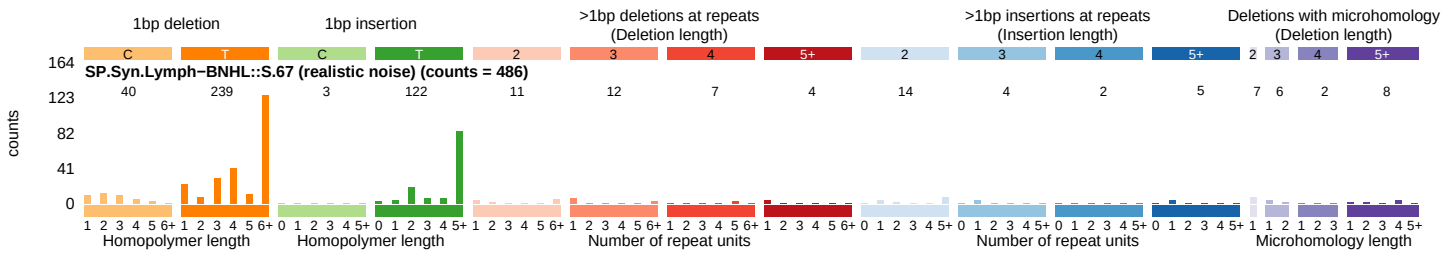
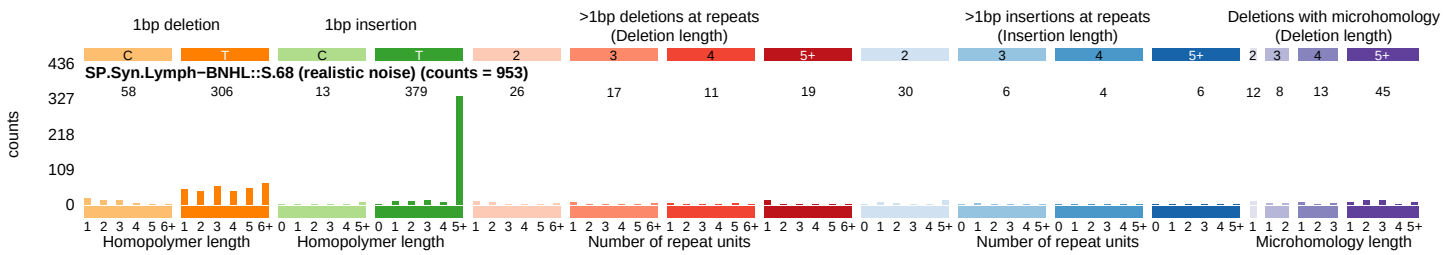
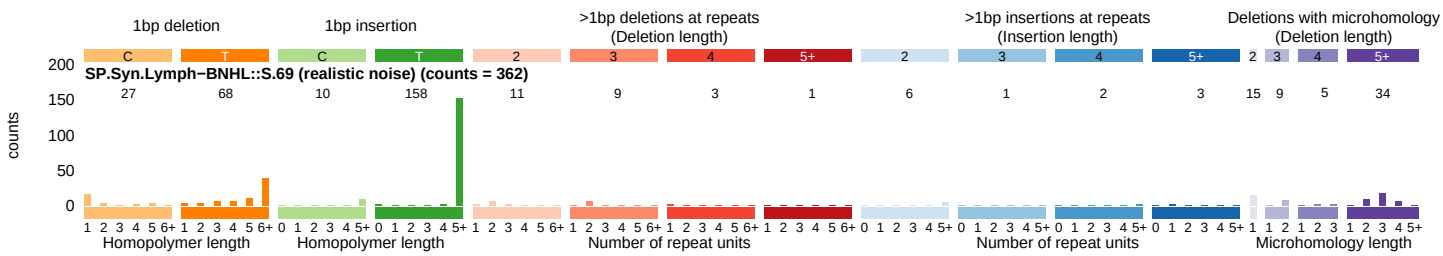
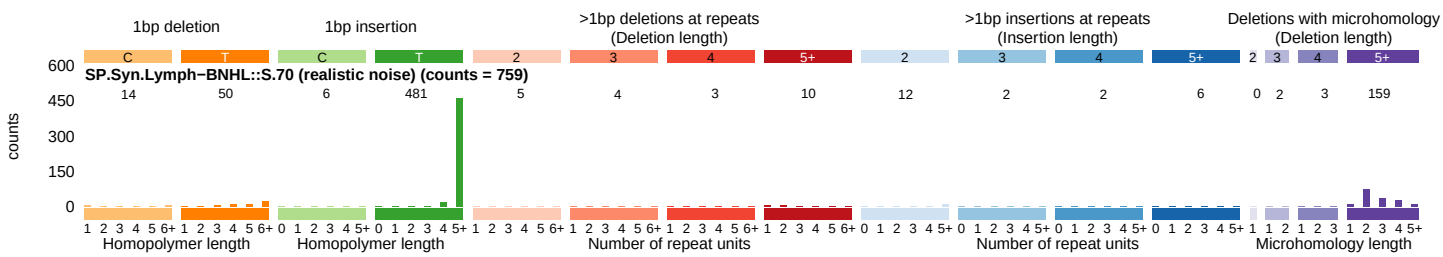
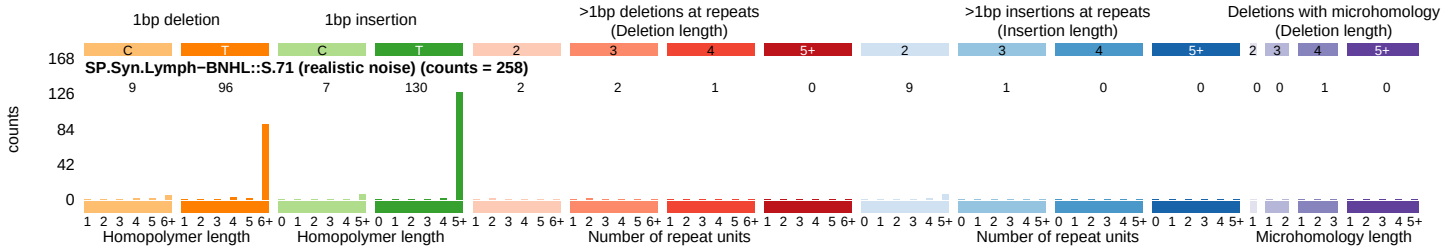
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.66 (realistic noise) (counts = 821)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
154 365 10 163 25 16 7 7 14 4 5 11 13 8 4 15
counts
188 141 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

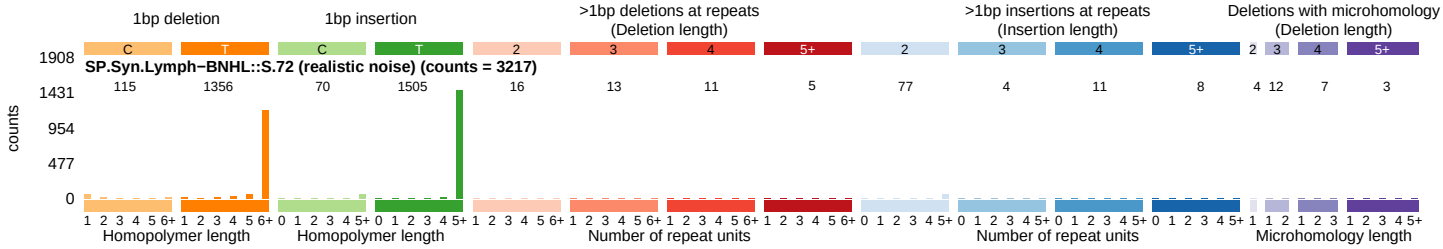

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.67 (realistic noise) (counts = 486)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
40 239 3 122 11 12 7 4 14 4 2 5 7 6 2 8
counts
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

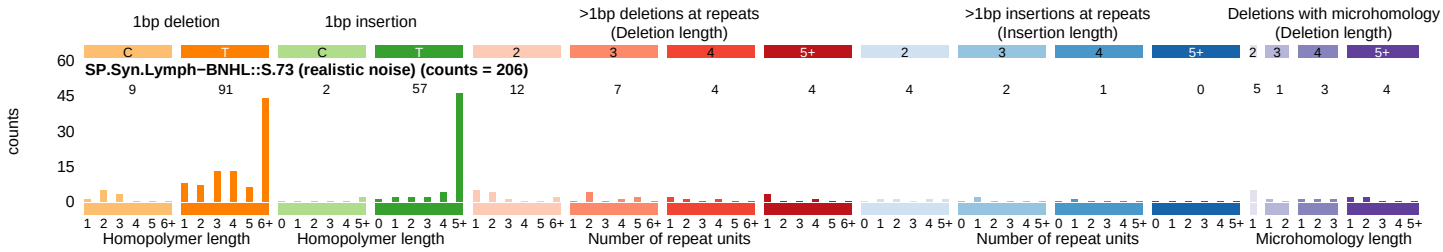

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.68 (realistic noise) (counts = 953)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
58 306 13 379 26 17 11 19 30 6 4 6 12 8 13 45
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

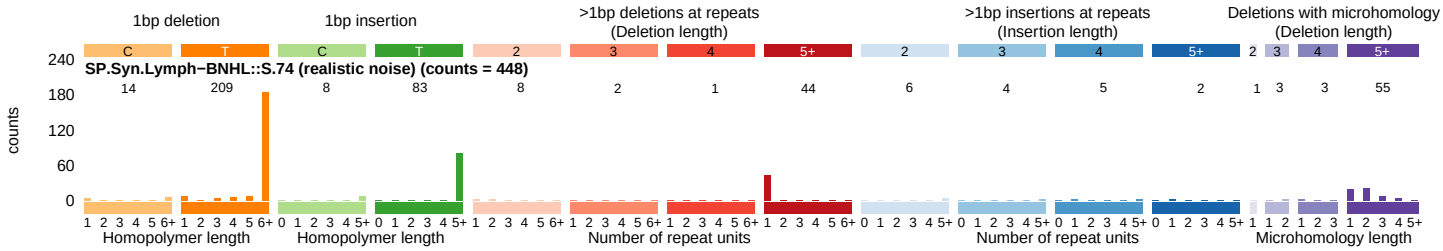

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.69 (realistic noise) (counts = 362)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
27 68 10 158 11 9 3 1 6 1 2 3 15 9 5 34
counts
200 150 100 50 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

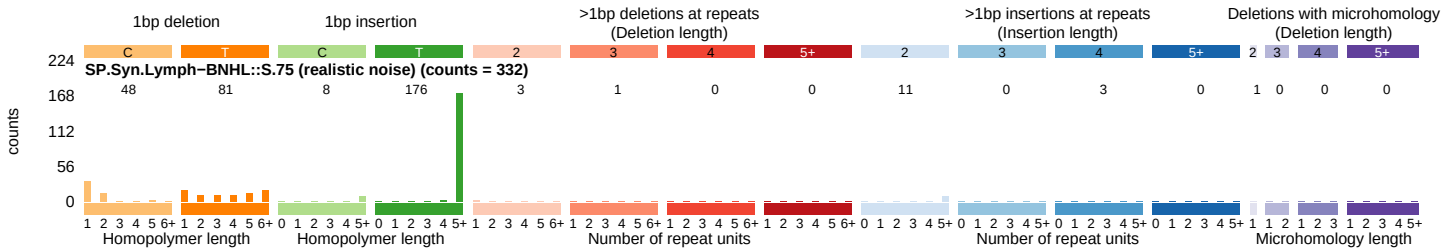

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.70 (realistic noise) (counts = 759)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
14 50 6 481 5 4 3 10 12 2 2 6 0 2 3 159
counts
600 450 300 150 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

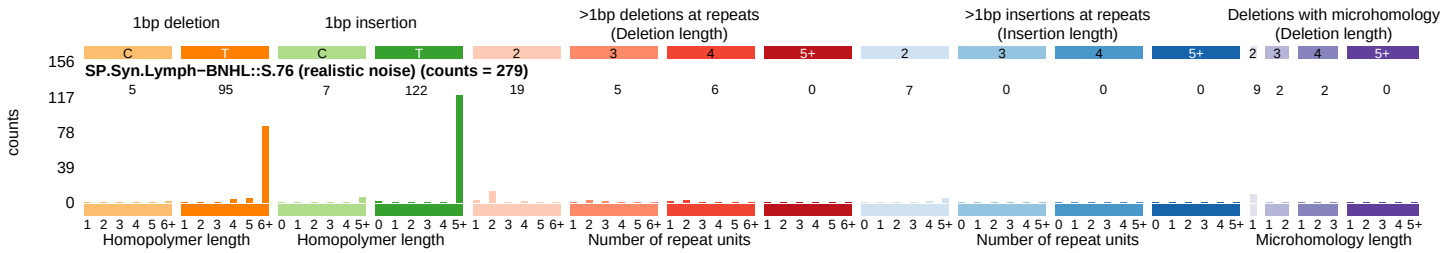

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.71 (realistic noise) (counts = 258)
counts
Homopolymer length
Number of repeat units
Microhomology length

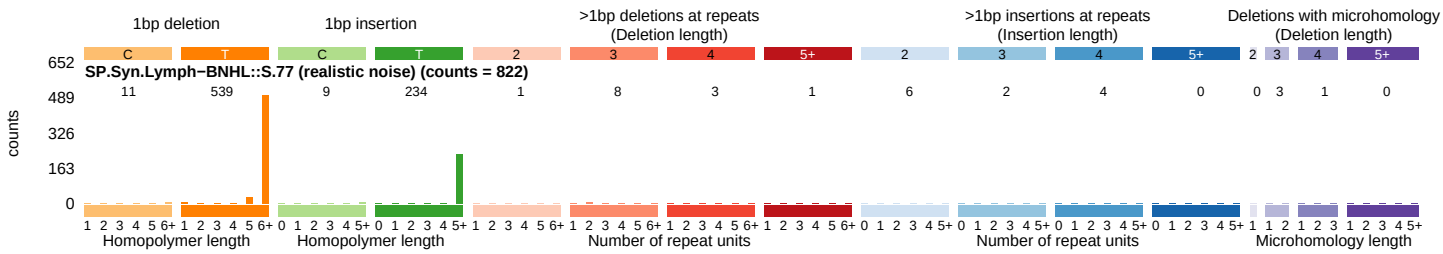

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.72 (realistic noise) (counts = 3217)
counts
Homopolymer length
Number of repeat units
Microhomology length

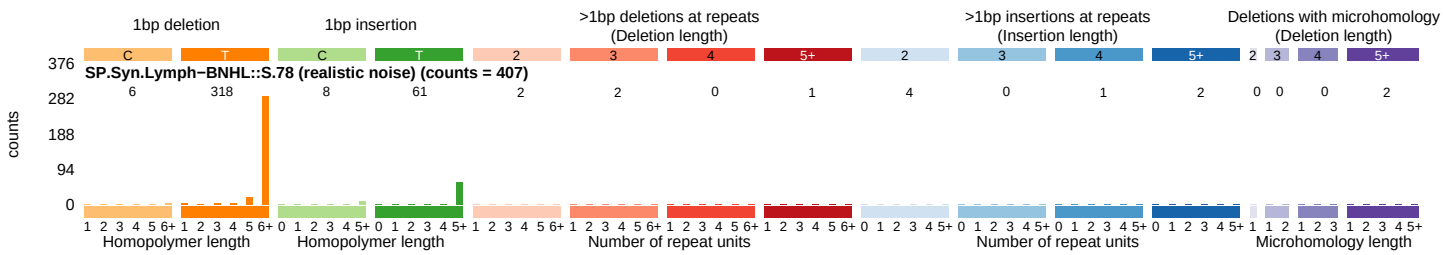

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.73 (realistic noise) (counts = 206)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.74 (realistic 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.Lymph−BNHL::S.75 (realistic 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.Lymph−BNHL::S.76 (realistic 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.Lymph−BNHL::S.77 (realistic noise) (counts = 822)
counts
Homopolymer length
Number of repeat units
Microhomology length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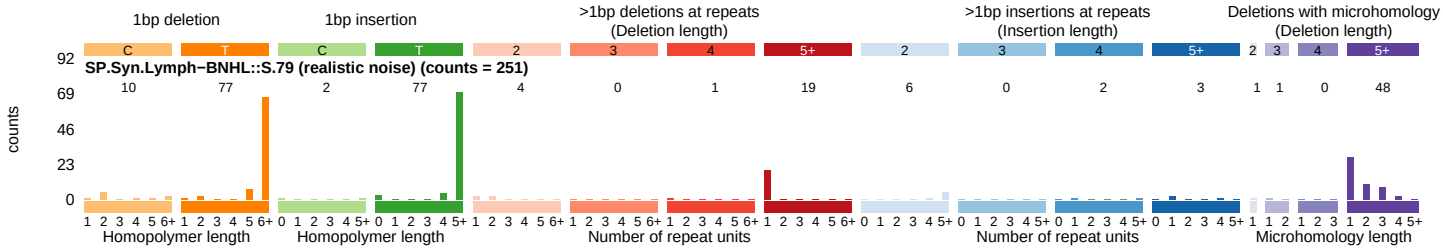
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.78 (realistic noise) (counts = 407)
counts
Homopolymer length
Number of repeat units
Microhomology length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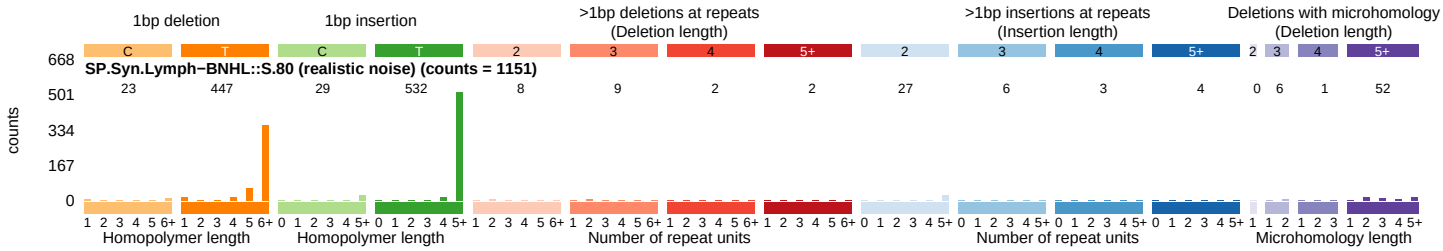
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.79 (realistic noise) (counts = 251)
counts
Homopolymer length
Number of repeat units
Microhomology length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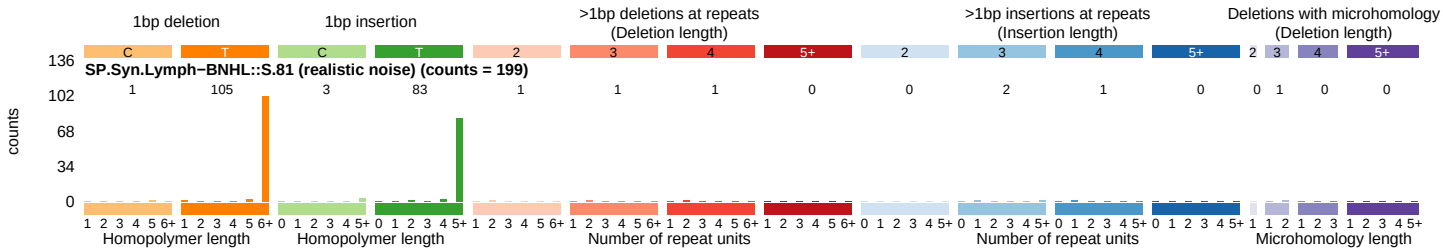
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.80 (realistic noise) (counts = 1151)
counts
Homopolymer length
Number of repeat units
Microhomology length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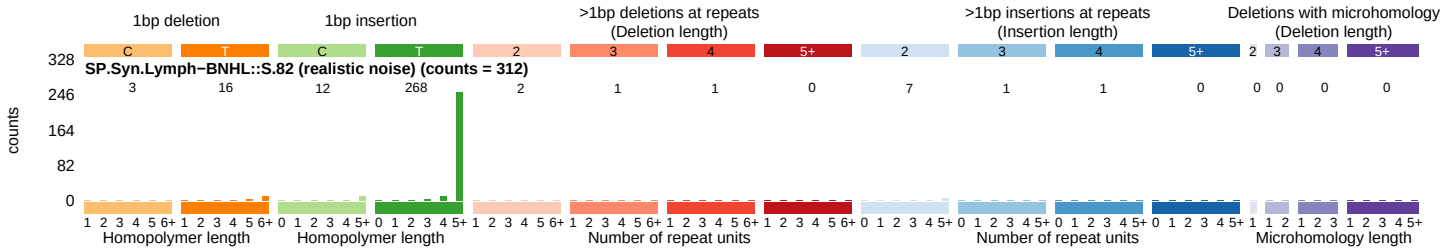
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.81 (realistic noise) (counts = 199)
counts
Homopolymer length
Number of repeat units
Microhomology length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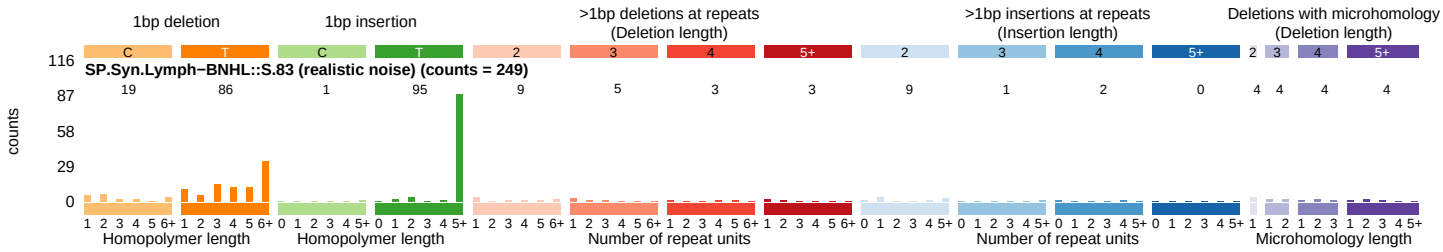
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.82 (realistic noise) (counts = 312)
counts
Homopolymer length
Number of repeat units
Microhomology length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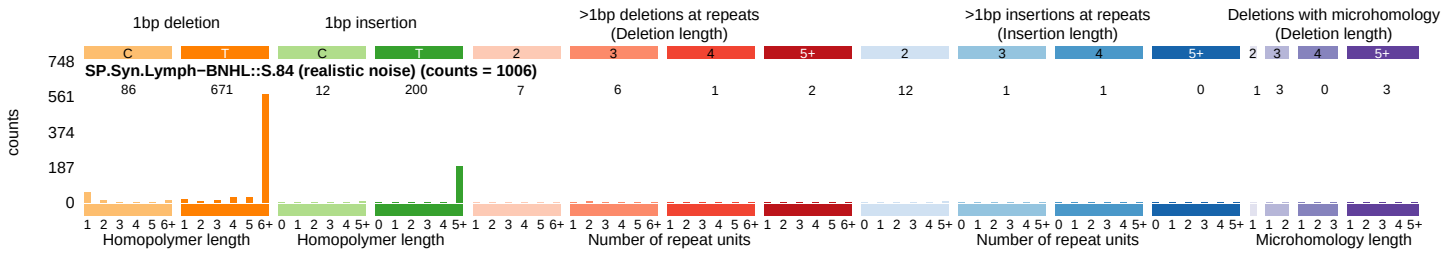
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.83 (realistic noise) (counts = 249)
counts
Homopolymer length
Number of repeat units
Microhomology length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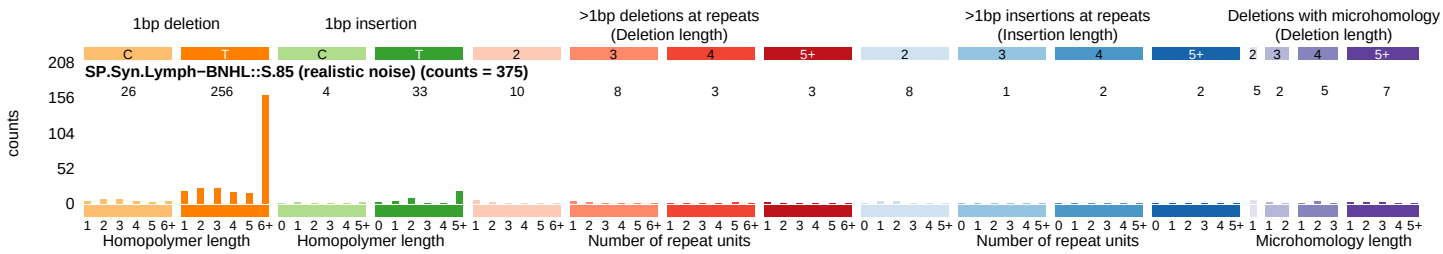
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.84 (realistic noise) (counts = 1006)
counts
Homopolymer length
Number of repeat units
Microhomology length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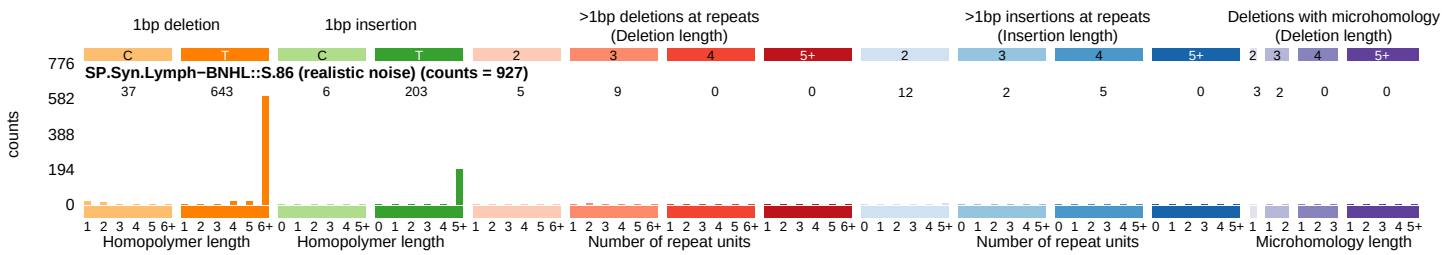
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.85 (realistic noise) (counts = 375)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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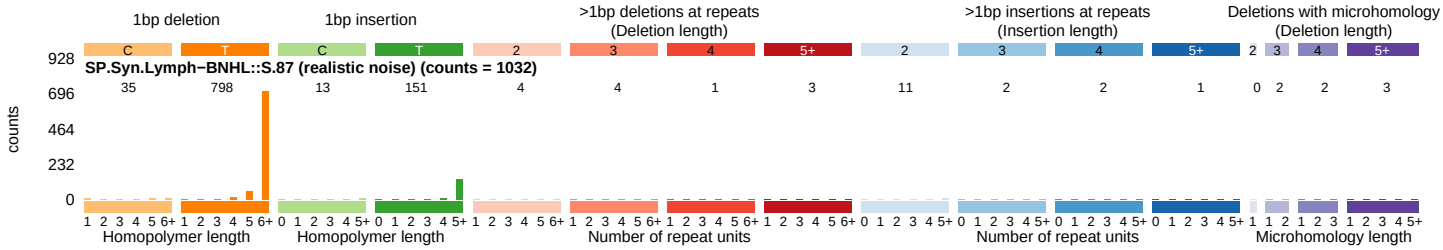
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.86 (realistic noise) (counts = 927)
counts
Homopolymer length
Number of repeat units
Microhomology length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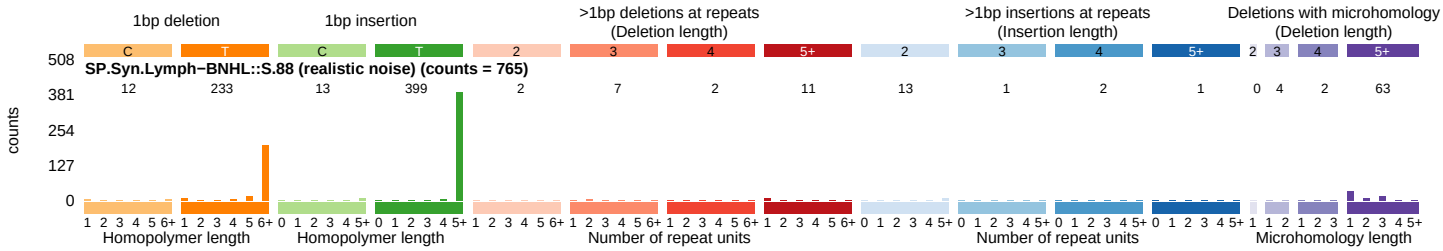
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.87 (realistic noise) (counts = 1032)
counts
Homopolymer length
Number of repeat units
Microhomology length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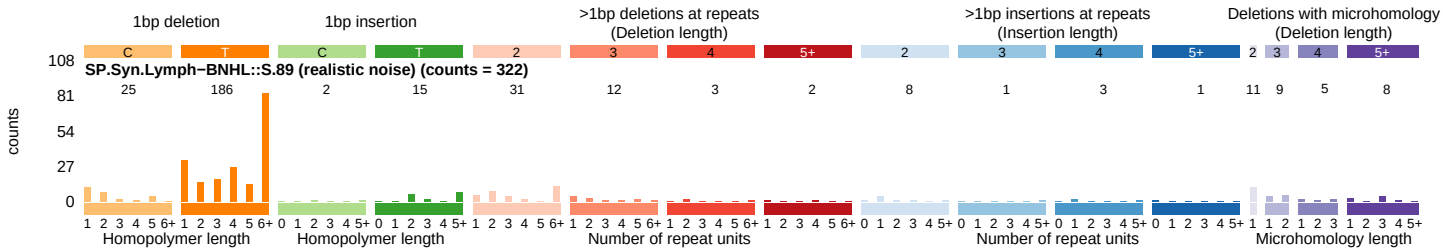
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.88 (realistic noise) (counts = 765)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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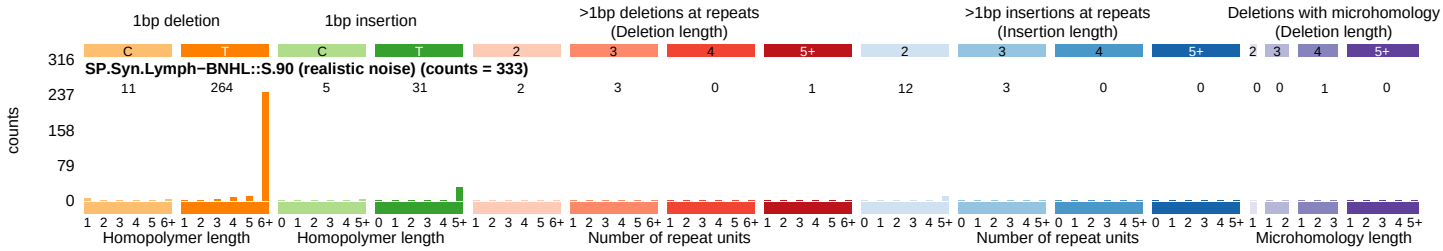
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.89 (realistic noise) (counts = 322)
counts
Homopolymer length
Number of repeat units
Microhomology length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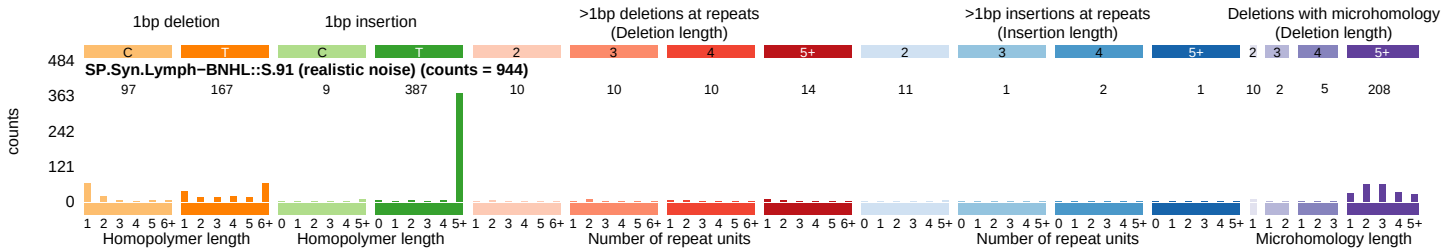
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.90 (realistic noise) (counts = 333)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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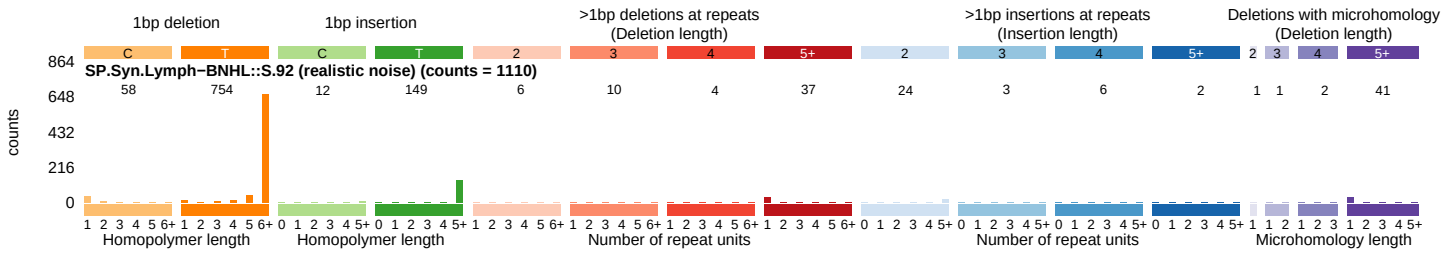
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.91 (realistic noise) (counts = 944)
counts
Homopolymer length
Number of repeat units
Microhomology length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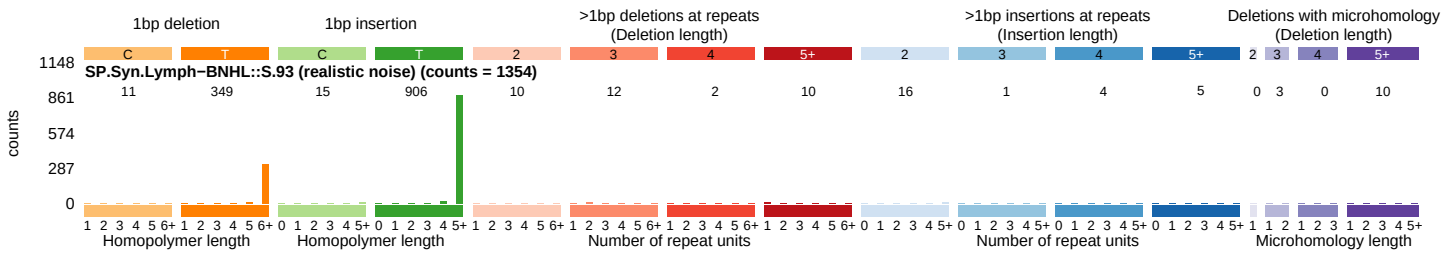
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.92 (realistic noise) (counts = 1110)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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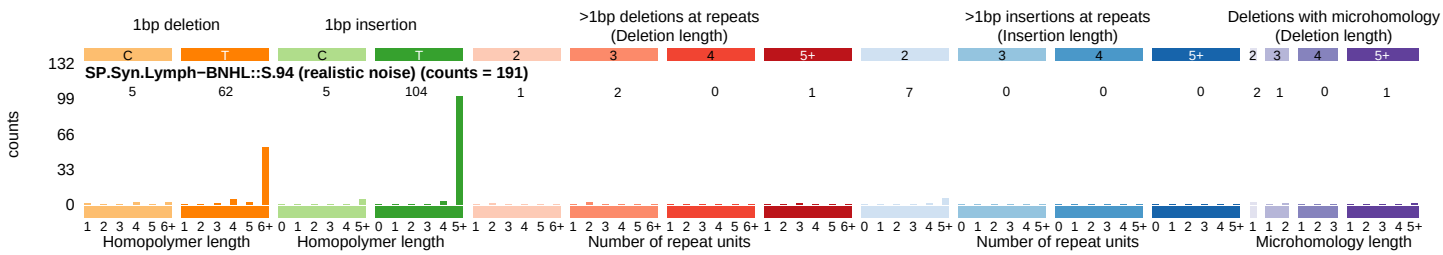
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.93 (realistic noise) (counts = 1354)
counts
Homopolymer length
Number of repeat units
Microhomology length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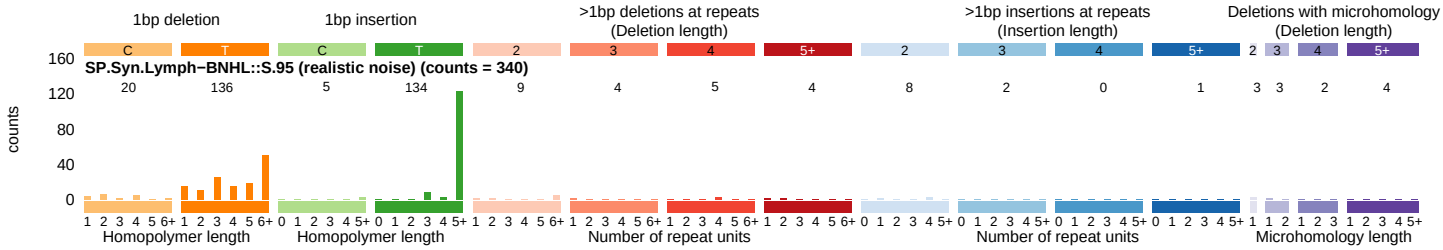
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.94 (realistic noise) (counts = 191)
counts
Homopolymer length
Number of repeat units
Microhomology length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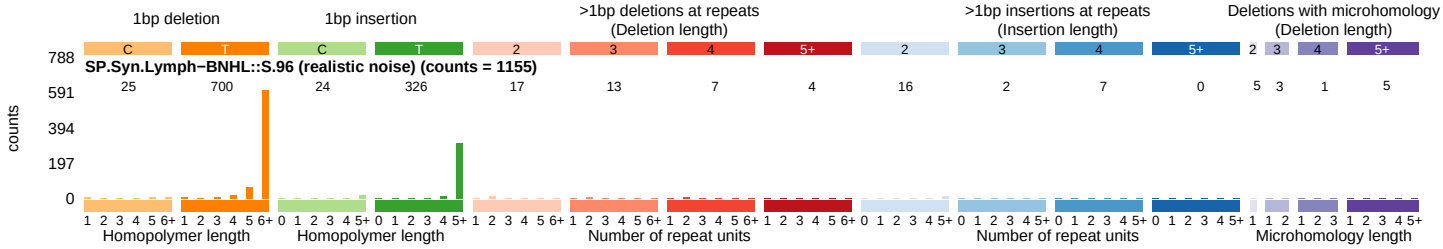
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.95 (realistic noise) (counts = 340)
counts
Homopolymer length
Number of repeat units
Microhomology length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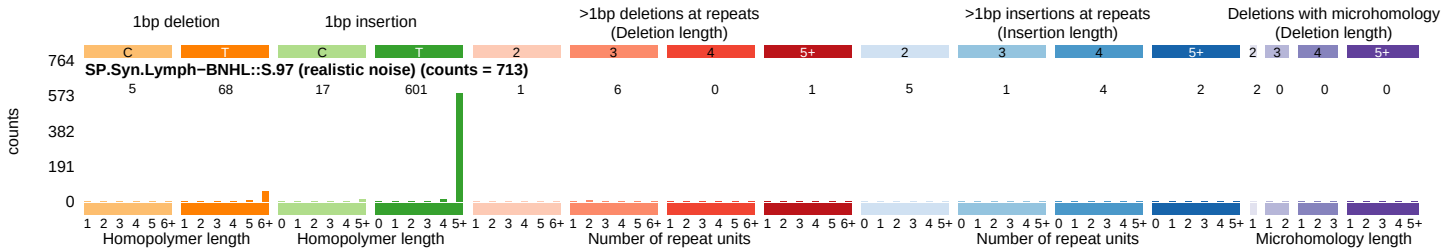
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.96 (realistic noise) (counts = 1155)
counts
Homopolymer length
Number of repeat units
Microhomology length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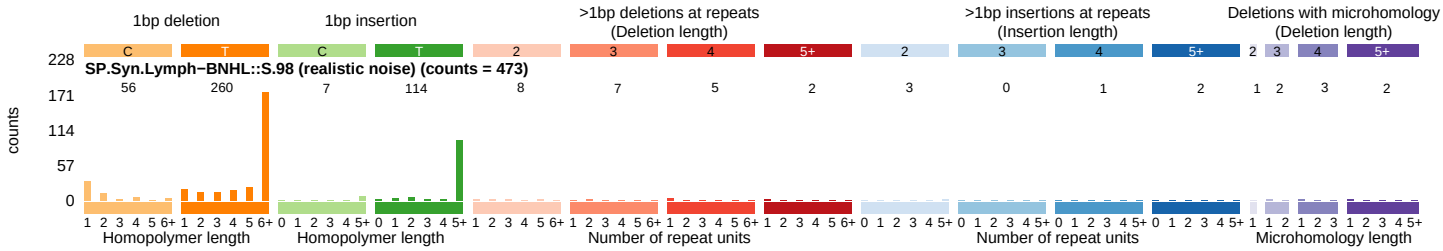
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.97 (realistic noise) (counts = 713)
counts
Homopolymer length
Number of repeat units
Microhomology length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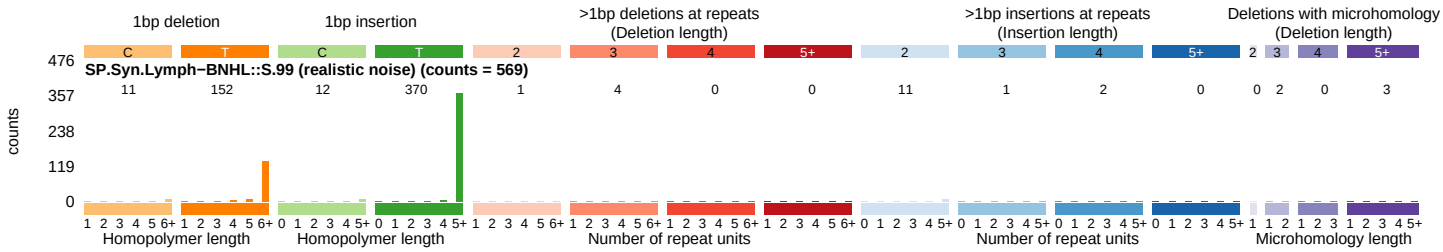
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.98 (realistic noise) (counts = 473)
counts
Homopolymer length
Number of repeat units
Microhomology length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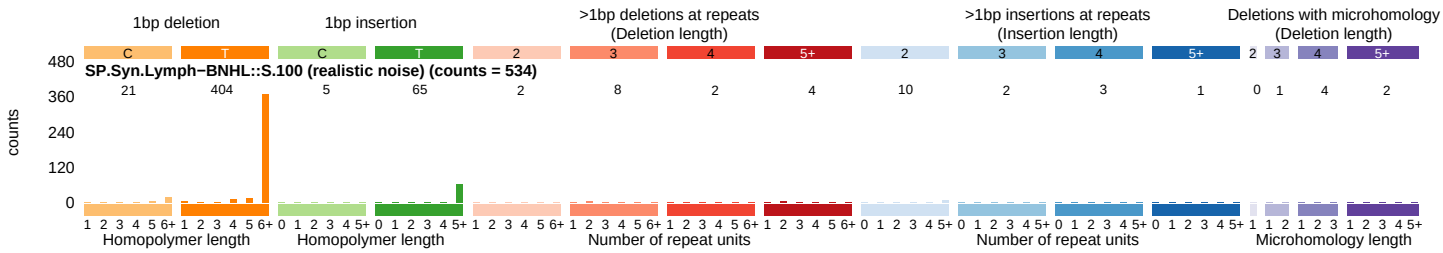
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.99 (realistic noise) (counts = 569)
counts
Homopolymer length
Number of repeat units
Microhomology length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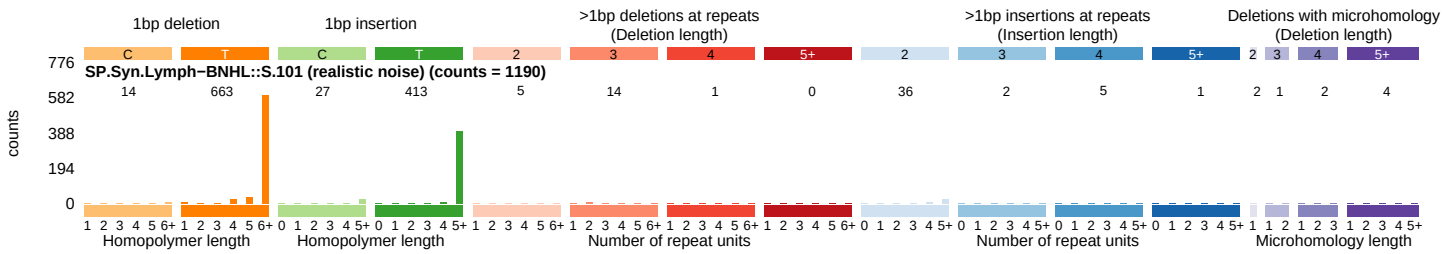
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.100 (realistic noise) (counts = 534)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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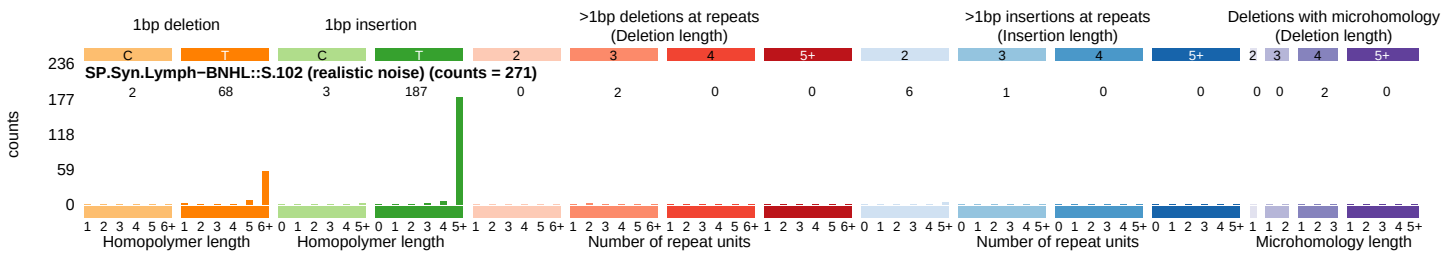
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.101 (realistic noise) (counts = 1190)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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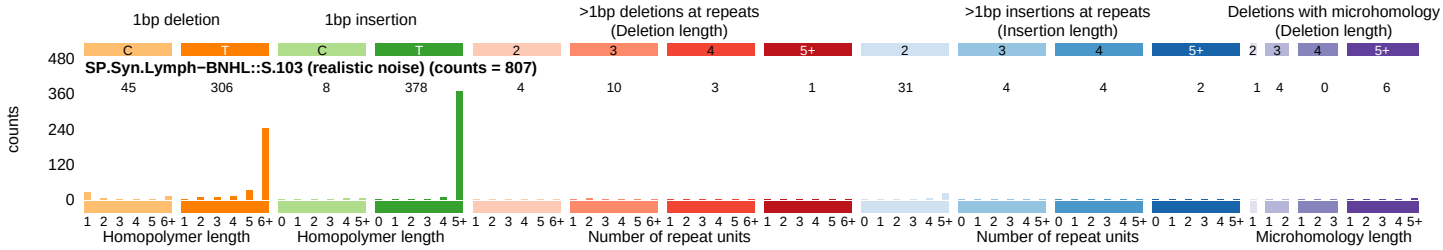
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.102 (realistic noise) (counts = 271)
counts
Homopolymer length
Number of repeat units
Microhomology length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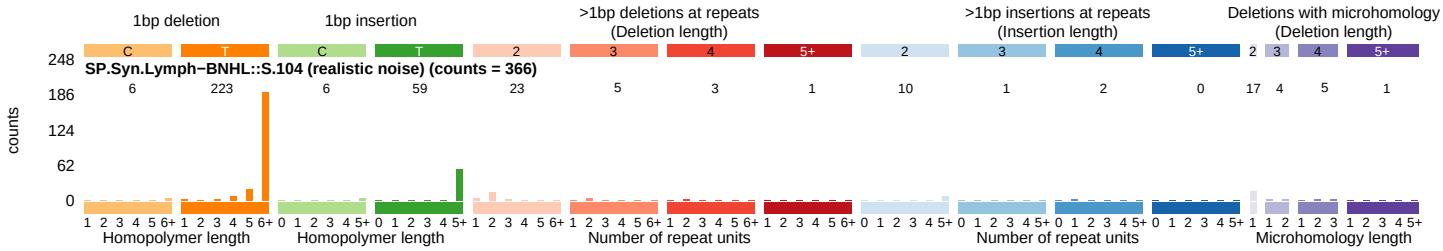
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.103 (realistic noise) (counts = 807)
counts
Homopolymer length
Number of repeat units
Microhomology length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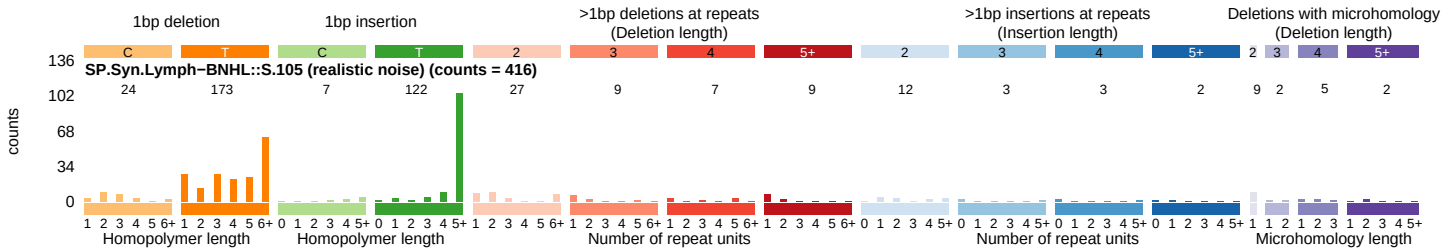
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.104 (realistic noise) (counts = 366)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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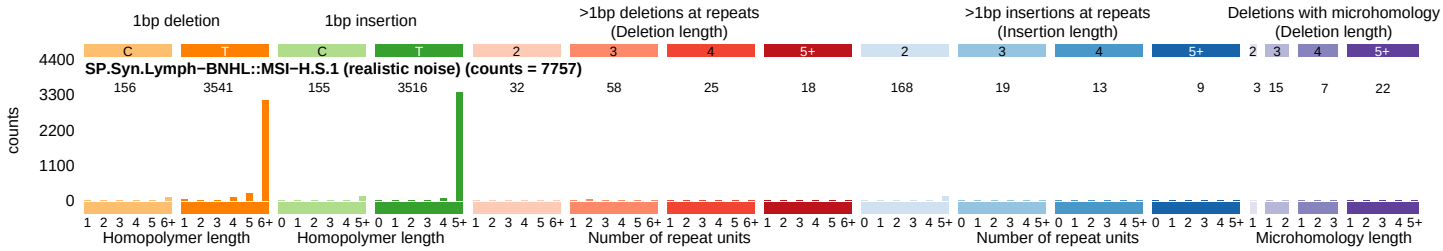
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::S.105 (realistic noise) (counts = 416)
counts
Homopolymer length
Number of repeat units
Microhomology length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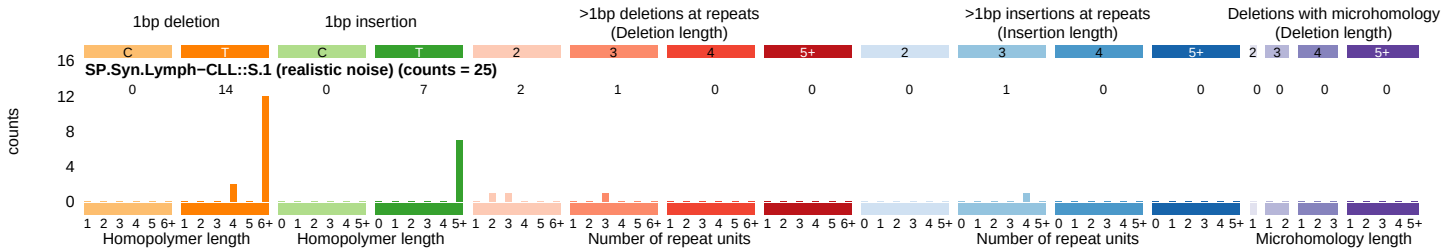
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−BNHL::MSI−H.S.1 (realistic noise) (counts = 7757)
counts
Homopolymer length
Number of repeat units
Microhomology length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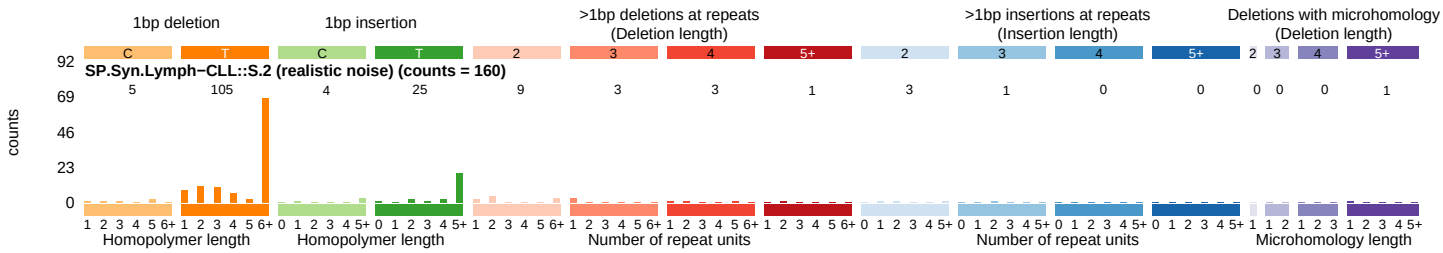
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.1 (realistic noise) (counts = 25)
counts
Homopolymer length
Number of repeat units
Microhomology length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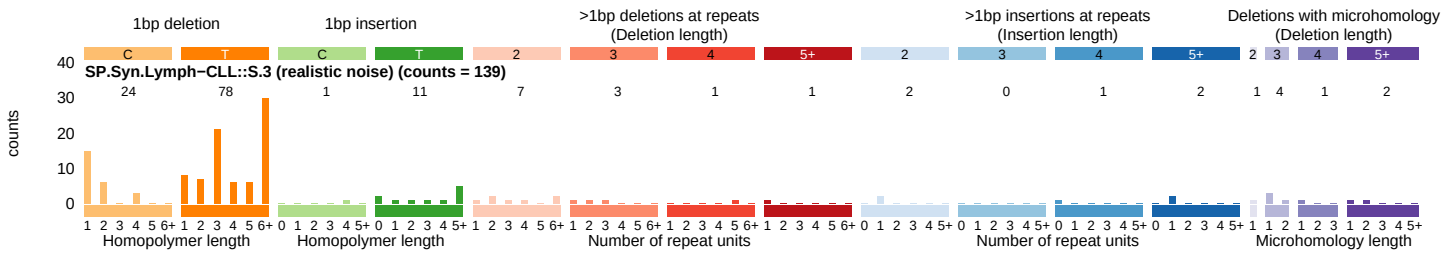
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.2 (realistic noise) (counts = 160)
counts
Homopolymer length
Number of repeat units
Microhomology length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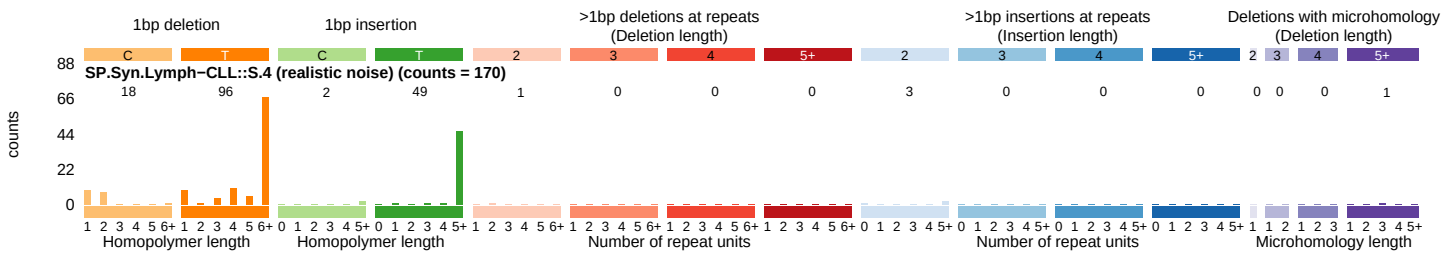
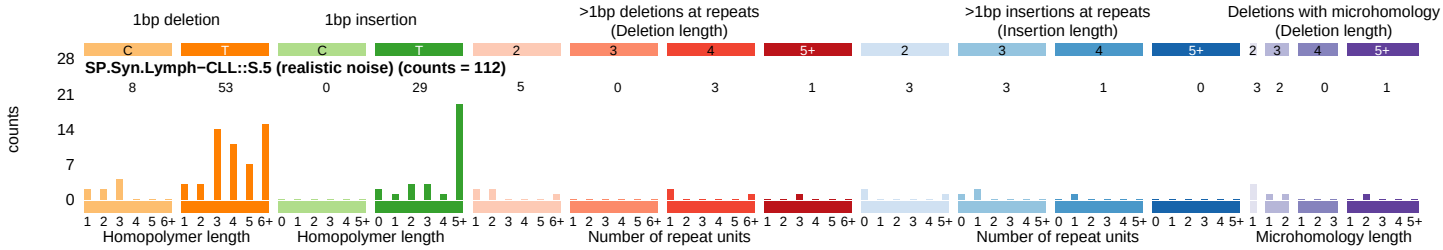
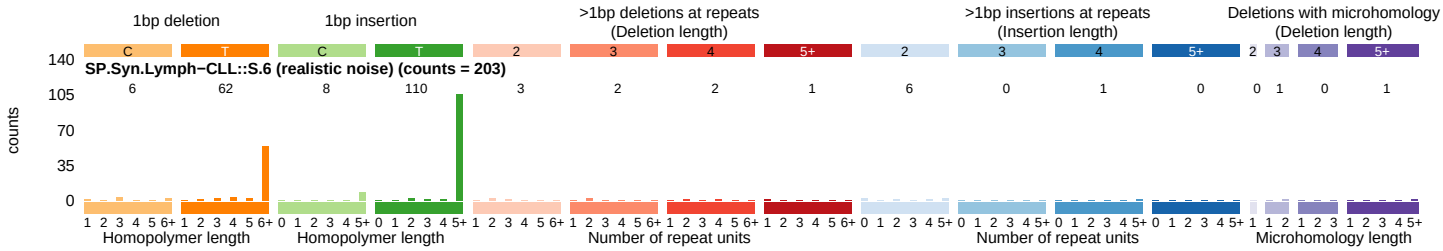
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.3 (realistic noise) (counts = 139)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.4 (realistic noise) (counts = 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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−CLL::S.5 (realistic noise) (counts = 112)
8 53 0 29 5 0 3 1 3 3 1 0 3 2 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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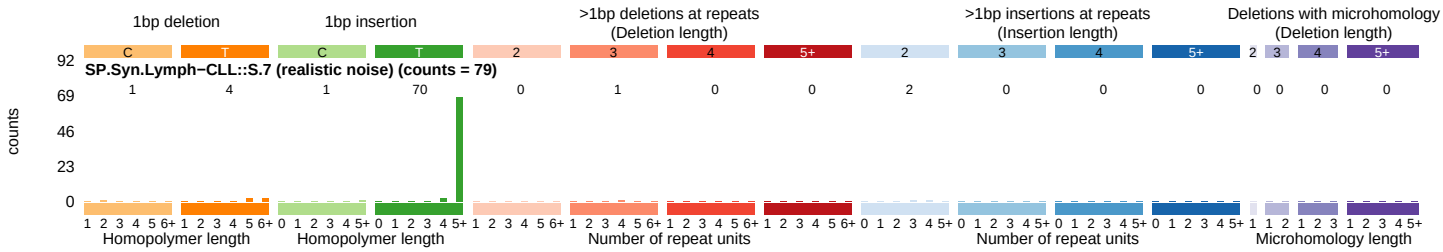
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−CLL::S.6 (realistic noise) (counts = 203)
6 62 8 110 3 2 2 1 6 0 1 0 0 1 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length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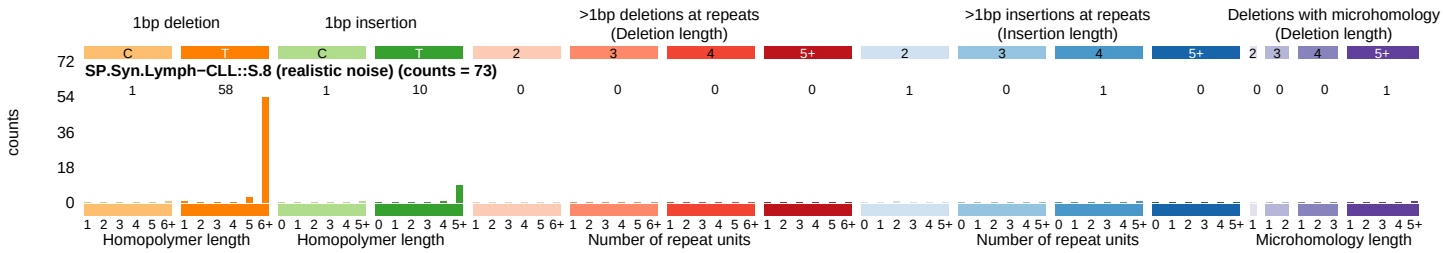
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−CLL::S.7 (realistic noise) (counts = 79)
1 4 1 70 0 1 0 0 2 0 0 0 0 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length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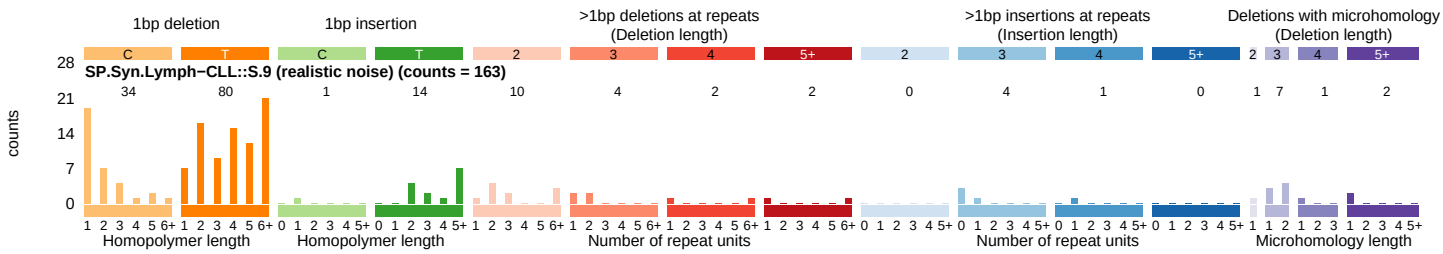
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−CLL::S.8 (realistic noise) (counts = 73)
1 58 1 10 0 0 0 0 1 0 1 0 0 0 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length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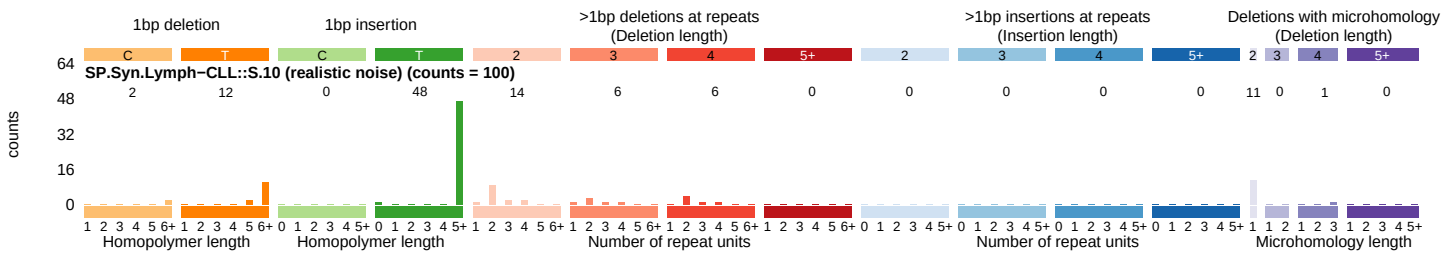
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−CLL::S.9 (realistic noise) (counts = 163)
34 80 1 14 10 4 2 2 0 4 1 0 1 7 1 2
counts
Homopolymer length
Number of repeat units
Microhomology length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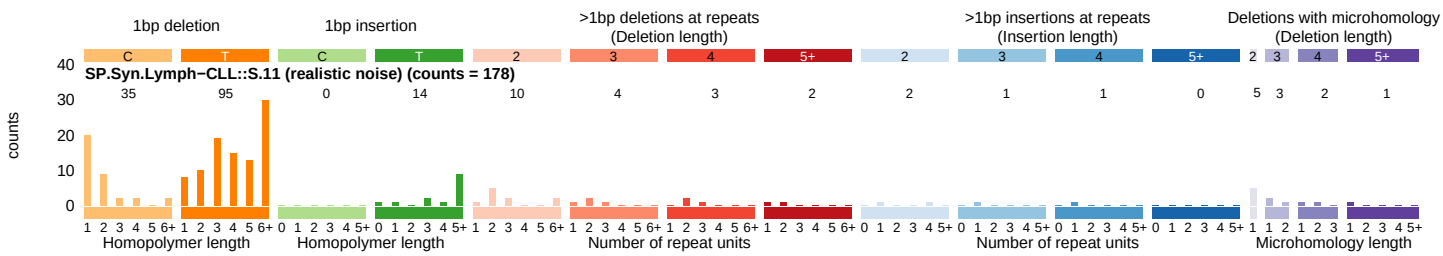
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−CLL::S.10 (realistic noise) (counts = 100)
2 12 0 48 14 6 6 0 0 0 0 0 11 0 1 0
counts
Homopolymer length
Number of repeat units
Microhomology length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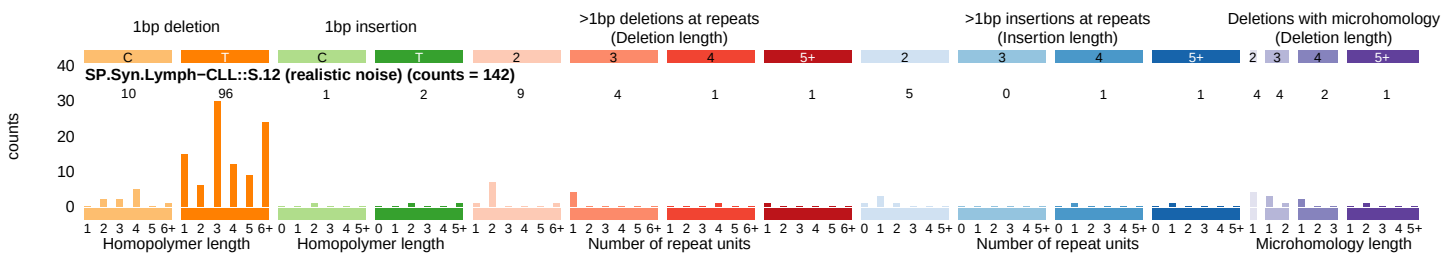
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−CLL::S.11 (realistic noise) (counts = 178)
35 95 0 14 10 4 3 2 2 1 1 0 5 3 2 1
counts
Homopolymer length
Number of repeat units
Microhomology length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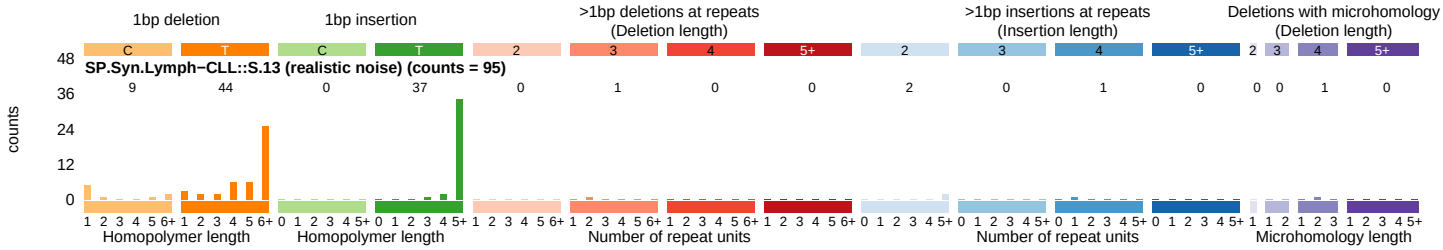
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lymph−CLL::S.12 (realistic noise) (counts = 142)
10 96 1 2 9 4 1 1 5 0 1 1 4 4 2 1
counts
Homopolymer length
Number of repeat units
Microhomology length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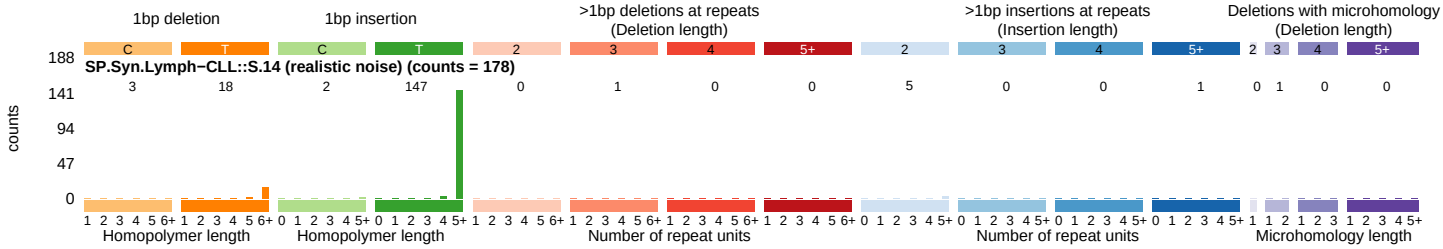
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.13 (realistic noise) (counts = 95)
counts
Homopolymer length
Number of repeat units
Microhomology length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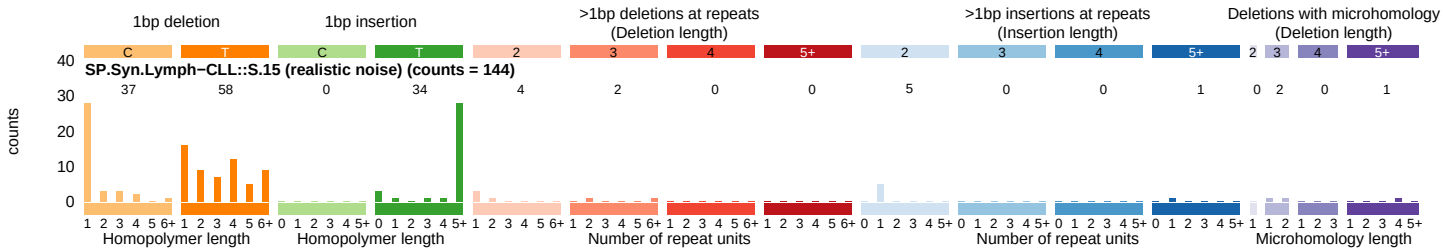
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.14 (realistic noise) (counts = 178)
counts
Homopolymer length
Number of repeat units
Microhomology length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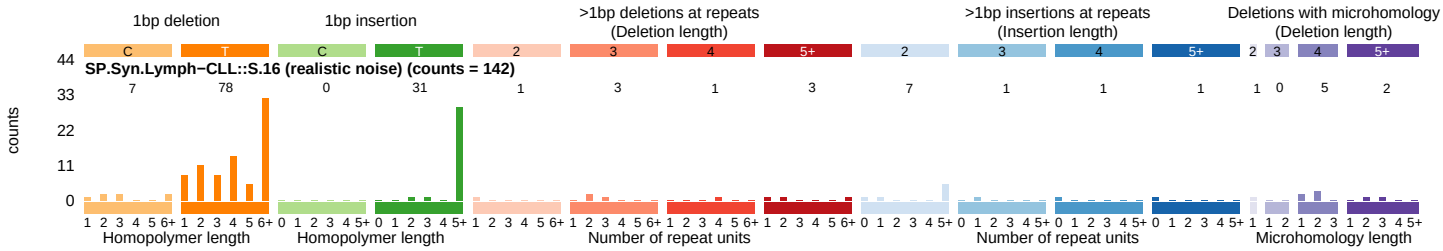
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.15 (realistic noise) (counts = 144)
counts
Homopolymer length
Number of repeat units
Microhomology length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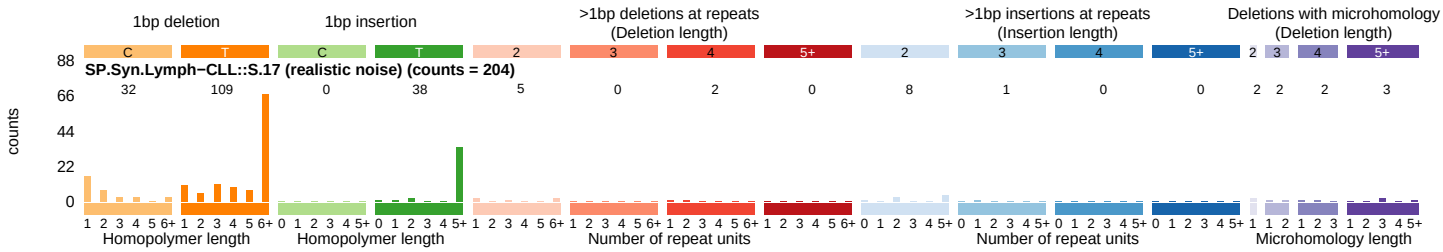
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.16 (realistic noise) (counts = 142)
counts
Homopolymer length
Number of repeat units
Microhomology length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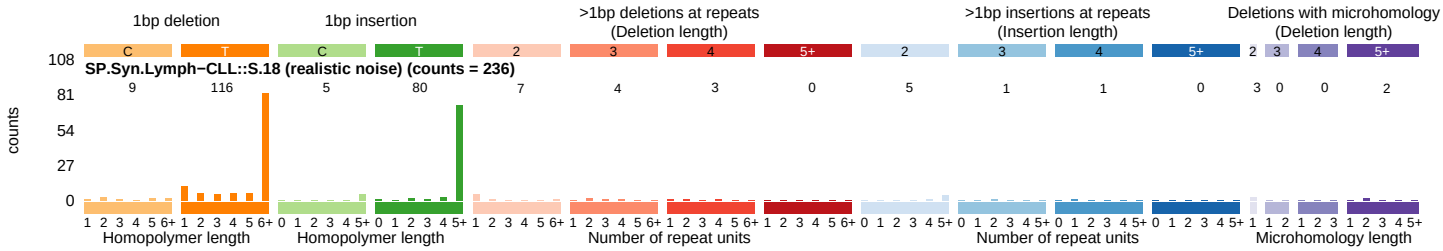
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.17 (realistic noise) (counts = 204)
counts
Homopolymer length
Number of repeat units
Microhomology length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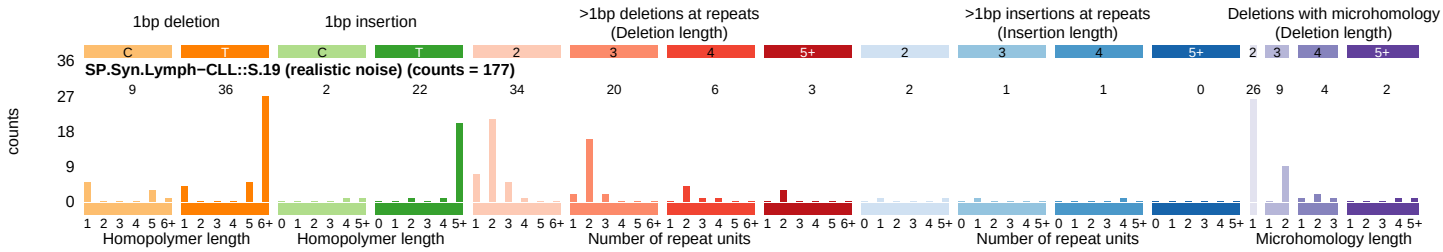
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.18 (realistic noise) (counts = 236)
counts
Homopolymer length
Number of repeat units
Microhomology length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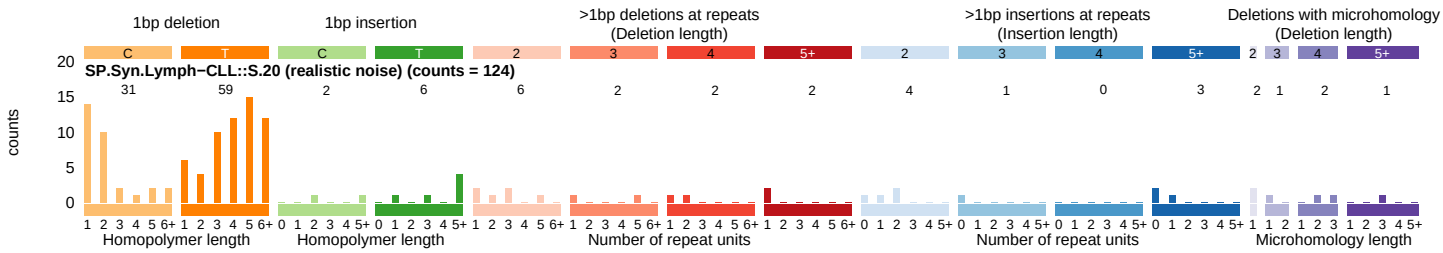
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.19 (realistic noise) (counts = 177)
counts
Homopolymer length
Number of repeat units
Microhomology length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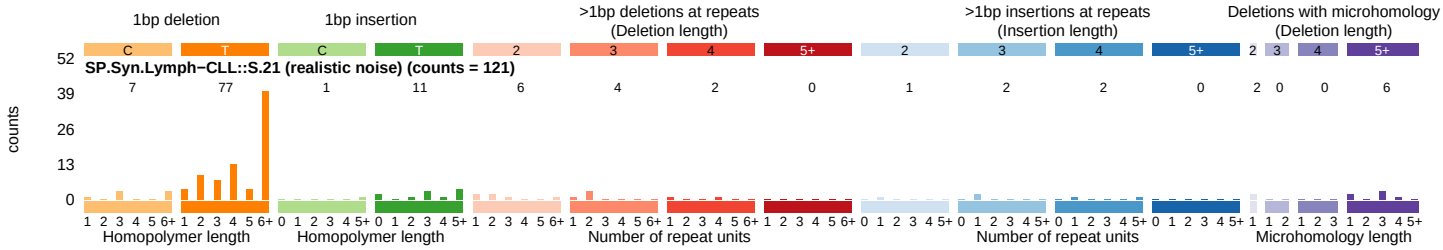
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.20 (realistic noise) (counts = 124)
counts
Homopolymer length
Number of repeat units
Microhomology length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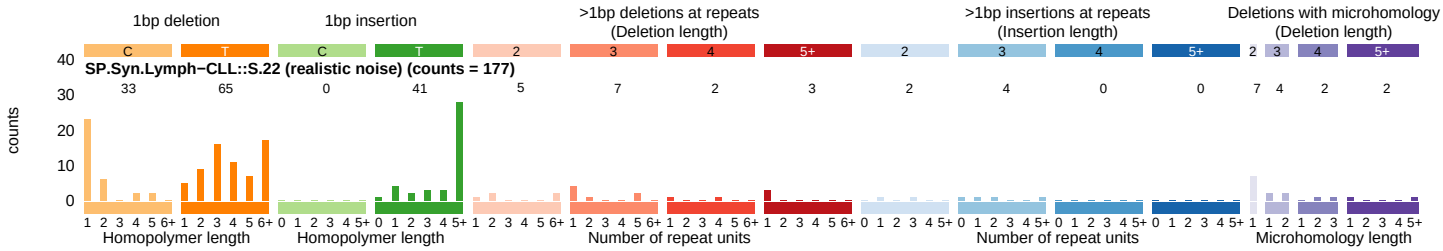
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.21 (realistic noise) (counts = 121)
counts
Homopolymer length
Number of repeat units
Microhomology length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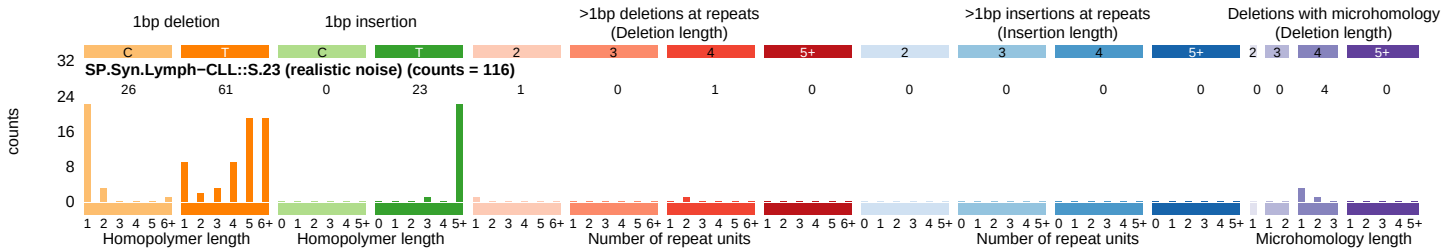
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.22 (realistic noise) (counts = 177)
counts
Homopolymer length
Number of repeat units
Microhomology length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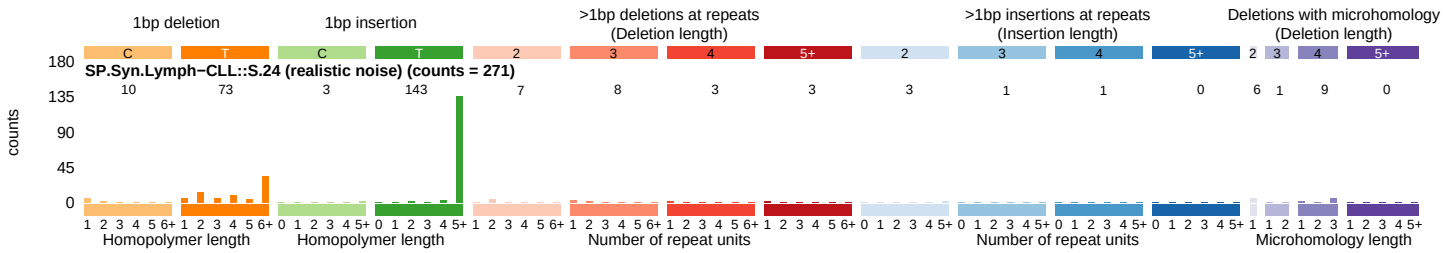
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.23 (realistic noise) (counts = 116)
counts
Homopolymer length
Number of repeat units
Microhomology length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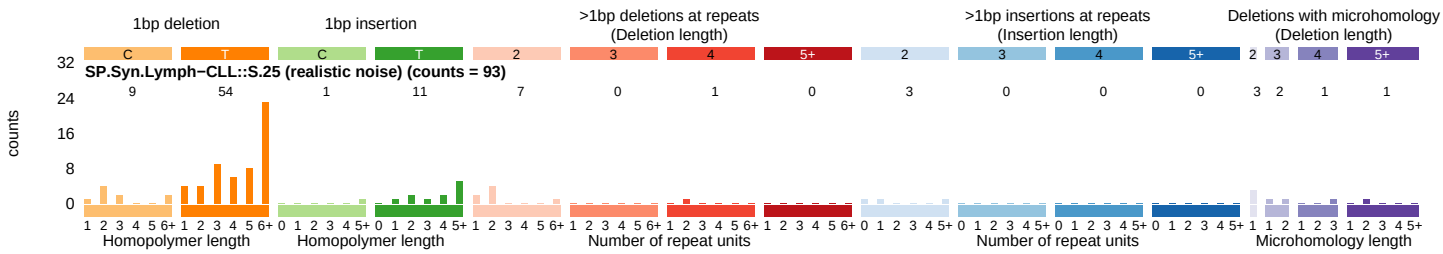
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.24 (realistic noise) (counts = 271)
counts
Homopolymer length
Number of repeat units
Microhomology length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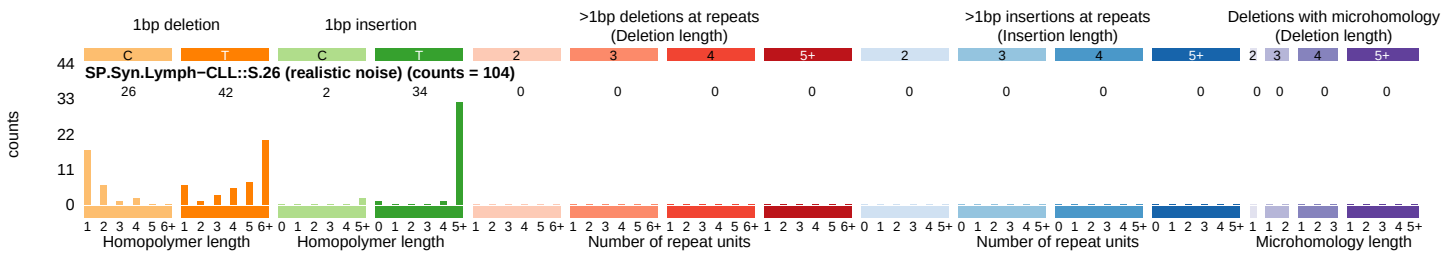
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.25 (realistic noise) (counts = 93)
counts
Homopolymer length
Number of repeat units
Microhomology length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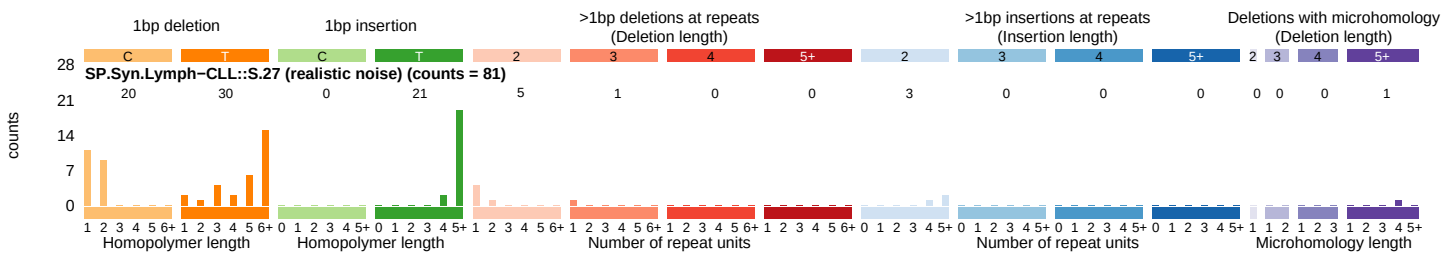
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.26 (realistic noise) (counts = 104)
counts
Homopolymer length
Number of repeat units
Microhomology length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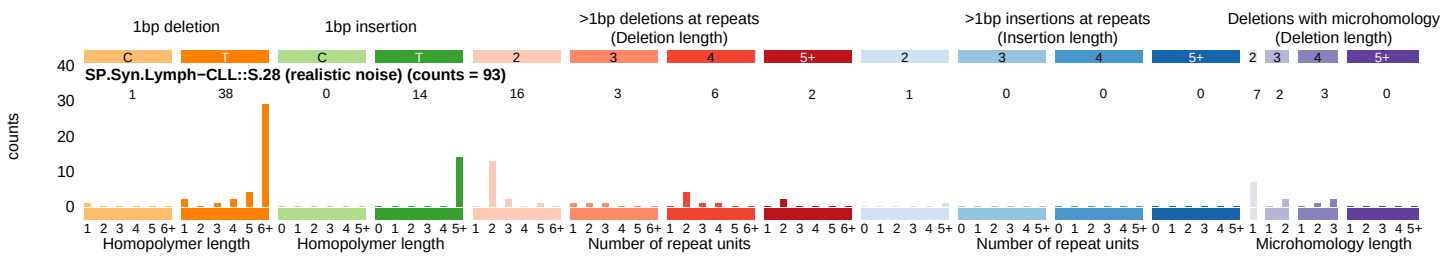
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.27 (realistic noise) (counts = 81)
counts
Homopolymer length
Number of repeat units
Microhomology length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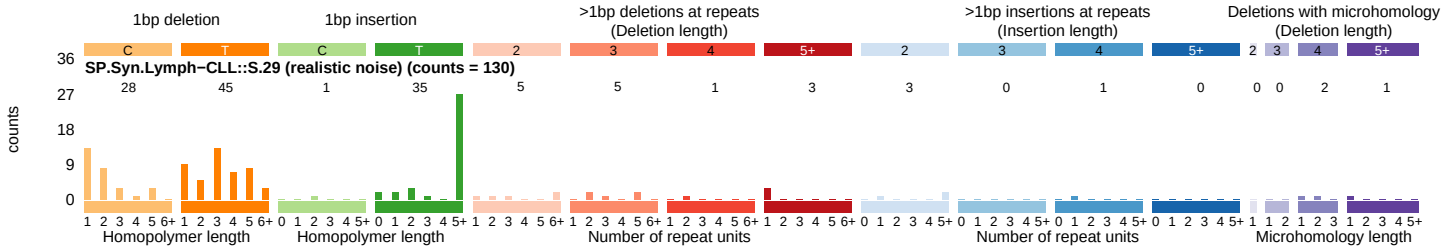
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.28 (realistic noise) (counts = 93)
counts
Homopolymer length
Number of repeat units
Microhomology length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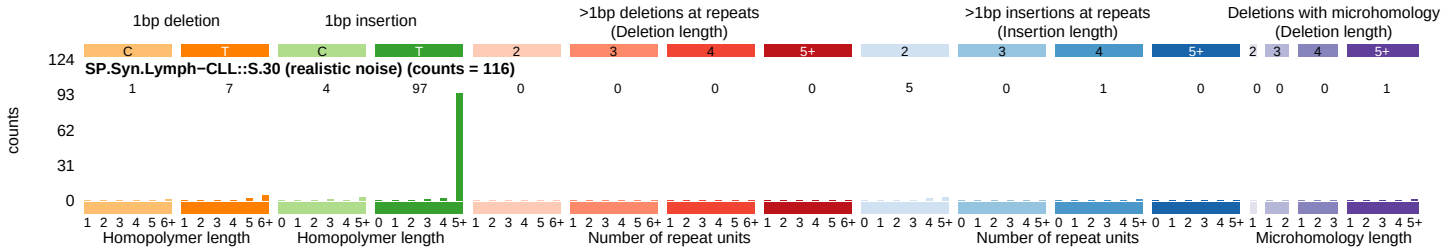
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.29 (realistic noise) (counts = 130)
counts
Homopolymer length
Number of repeat units
Microhomology length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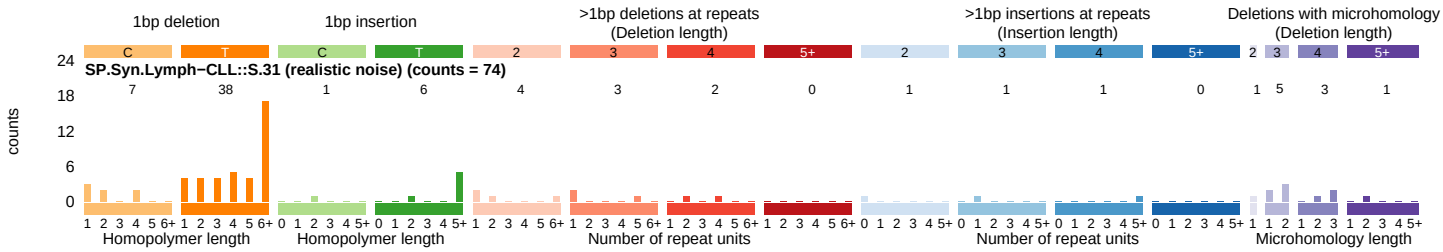
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.30 (realistic noise) (counts = 116)
counts
Homopolymer length
Number of repeat units
Microhomology length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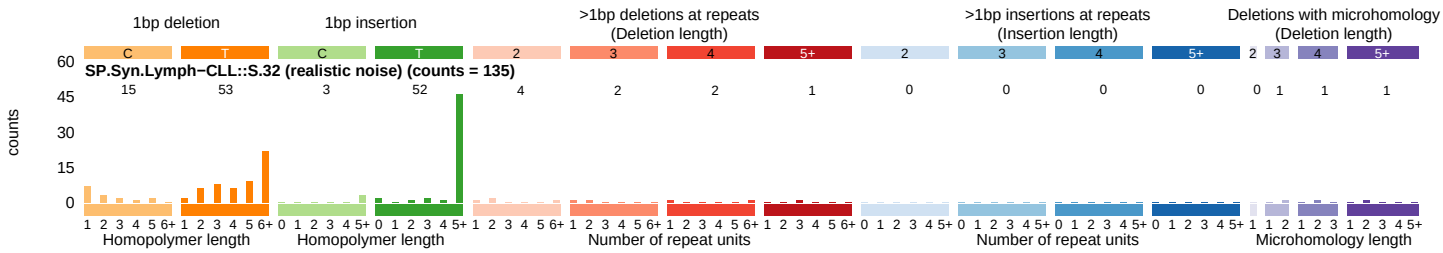
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.31 (realistic noise) (counts = 74)
counts
Homopolymer length
Number of repeat units
Microhomology length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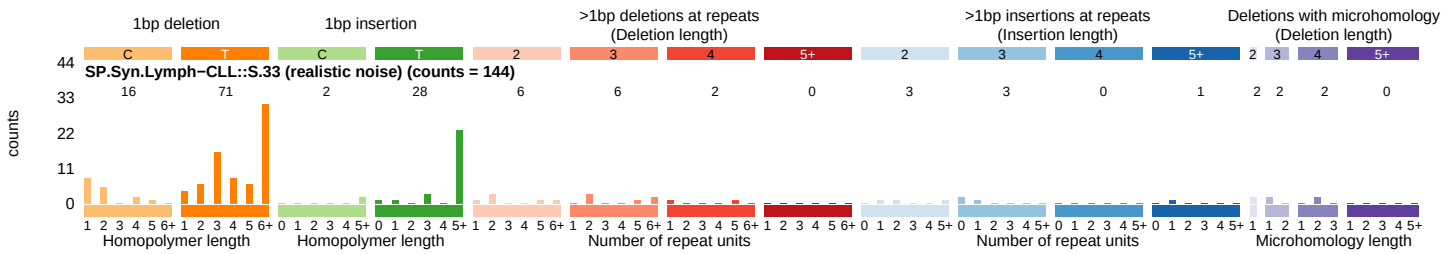
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.32 (realistic noise) (counts = 135)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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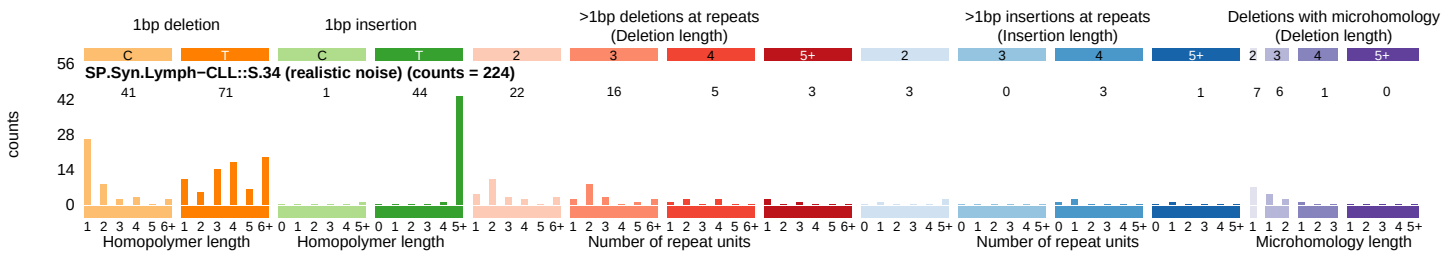
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.33 (realistic noise) (counts = 144)
counts
Homopolymer length
Number of repeat units
Microhomology length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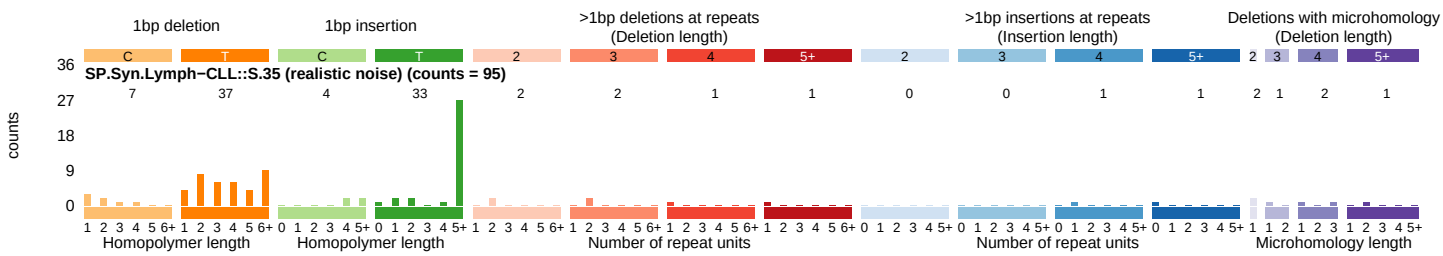
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.34 (realistic noise) (counts = 224)
counts
Homopolymer length
Number of repeat units
Microhomology length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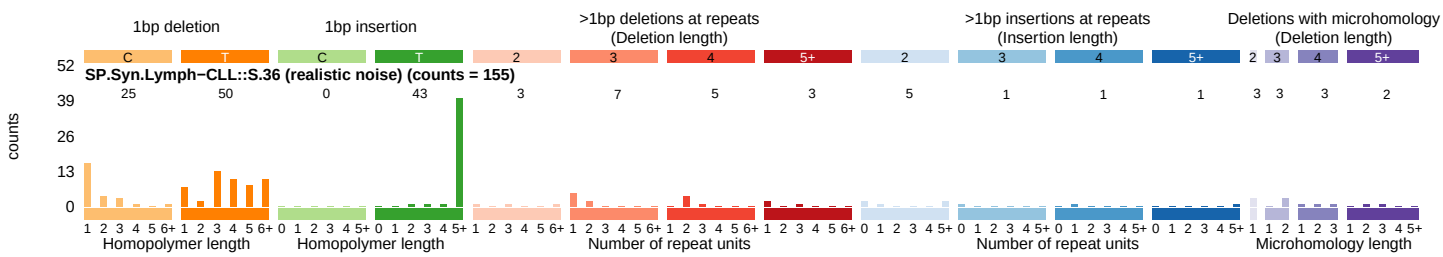
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.35 (realistic noise) (counts = 95)
counts
Homopolymer length
Number of repeat units
Microhomology length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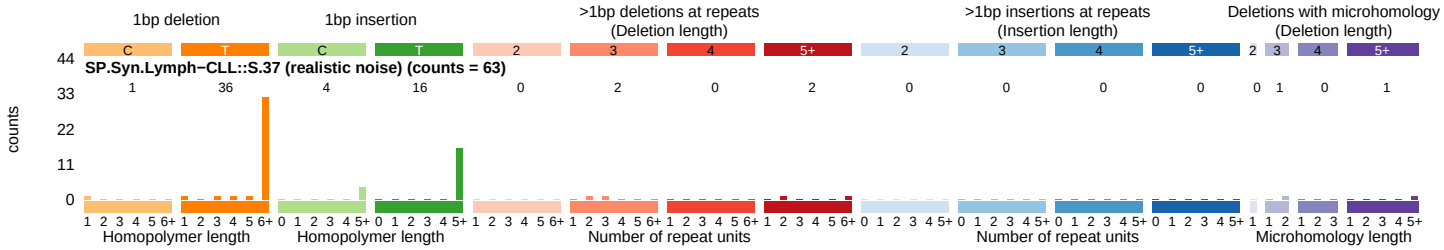
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.36 (realistic noise) (counts = 155)
counts
Homopolymer length
Number of repeat units
Microhomology length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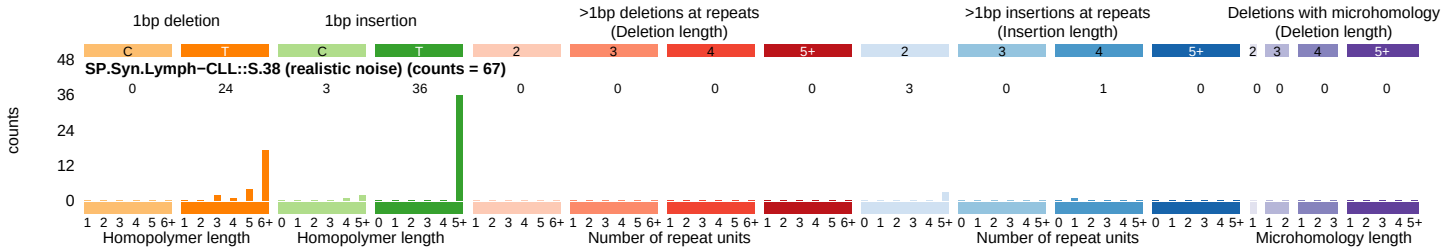
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.37 (realistic noise) (counts = 63)
counts
Homopolymer length
Number of repeat units
Microhomology length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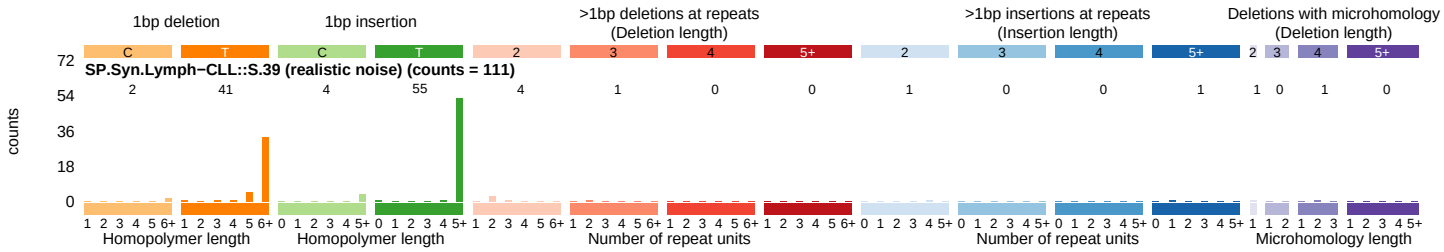
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.38 (realistic noise) (counts = 67)
counts
Homopolymer length
Number of repeat units
Microhomology length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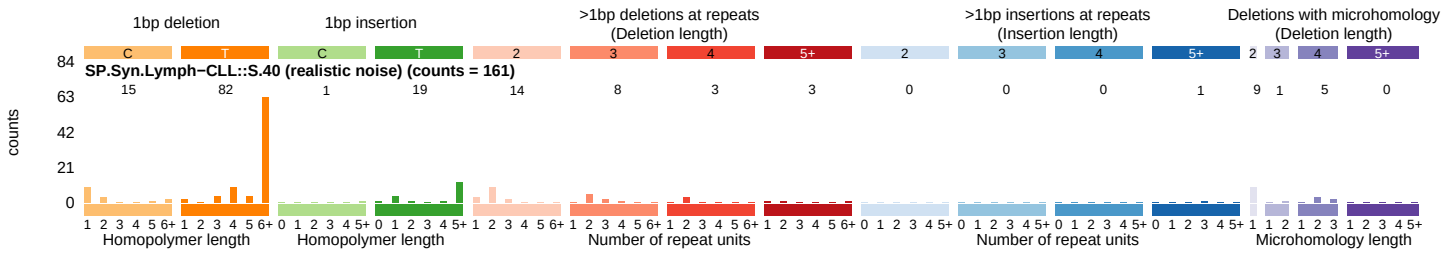
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.39 (realistic noise) (counts = 111)
counts
Homopolymer length
Number of repeat units
Microhomology length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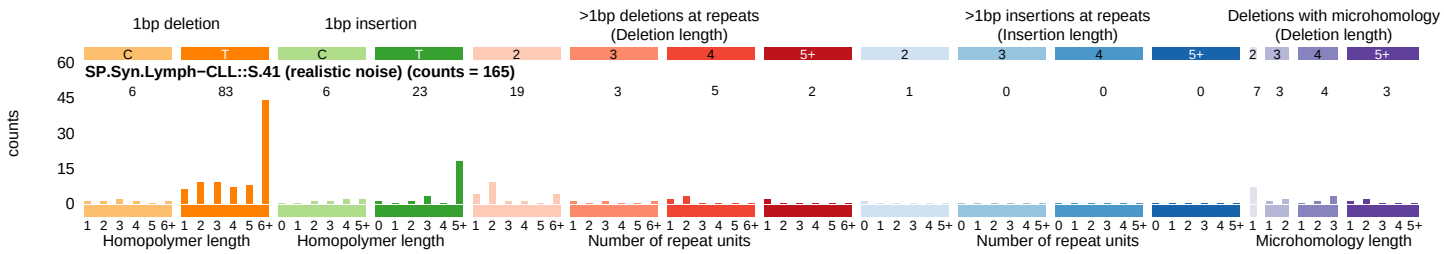
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.40 (realistic noise) (counts = 161)
counts
Homopolymer length
Number of repeat units
Microhomology length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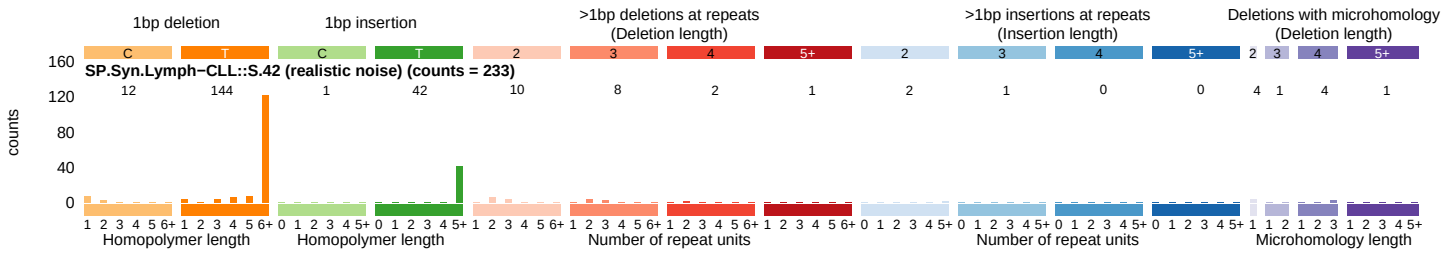
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.41 (realistic noise) (counts = 165)
counts
Homopolymer length
Number of repeat units
Microhomology length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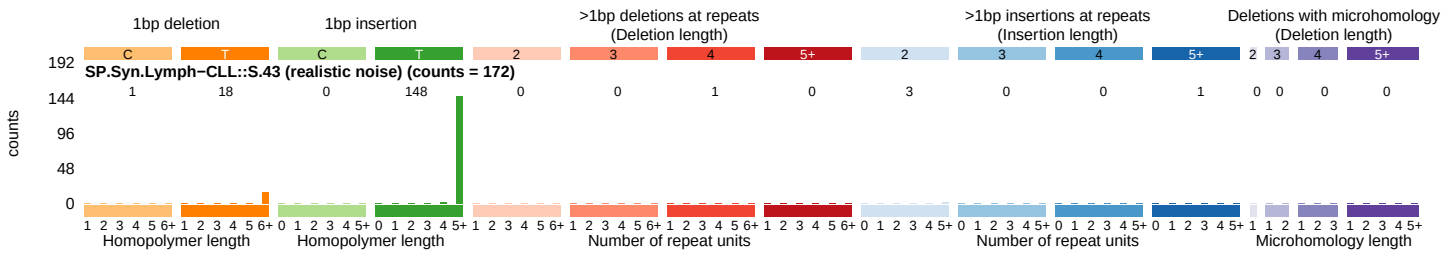
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.42 (realistic noise) (counts = 233)
counts
Homopolymer length
Number of repeat units
Microhomology length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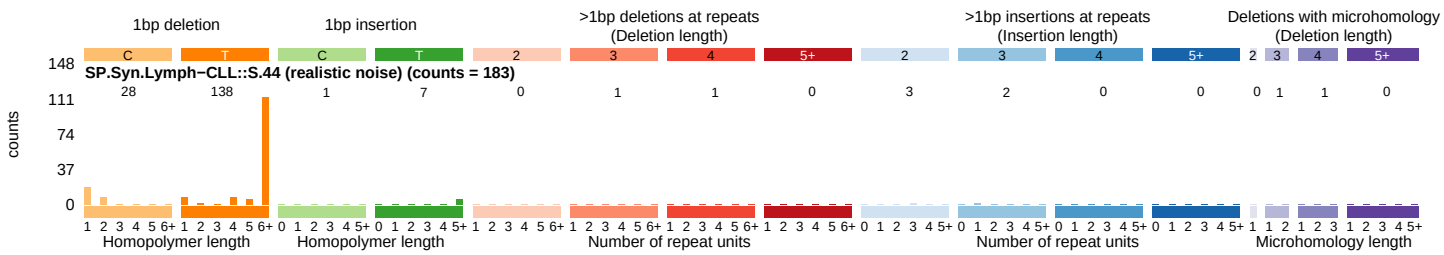
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.43 (realistic noise) (counts = 172)
counts
Homopolymer length
Number of repeat units
Microhomology length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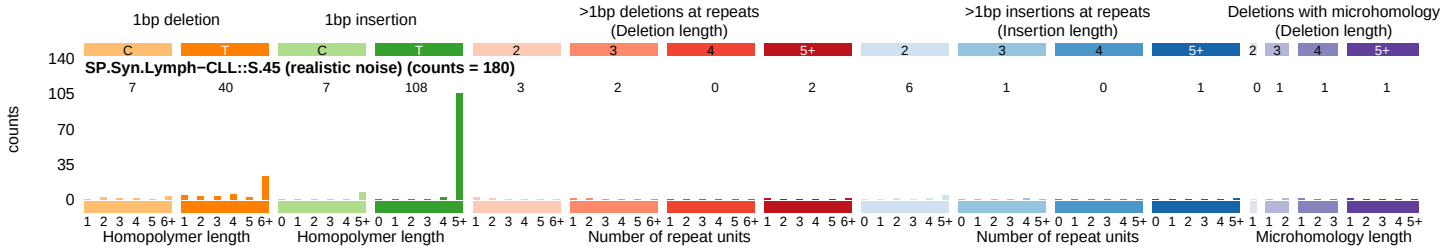
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.44 (realistic noise) (counts = 183)
counts
Homopolymer length
Number of repeat units
Microhomology length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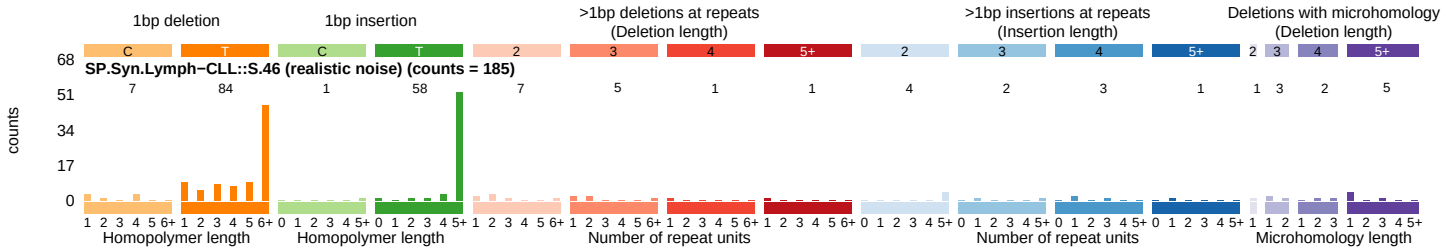
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.45 (realistic noise) (counts = 180)
counts
Homopolymer length
Number of repeat units
Microhomology length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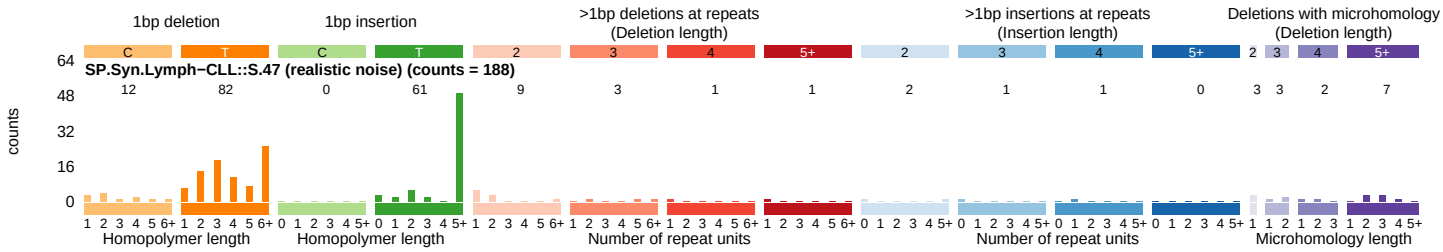
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.46 (realistic noise) (counts = 185)
counts
Homopolymer length
Number of repeat units
Microhomology length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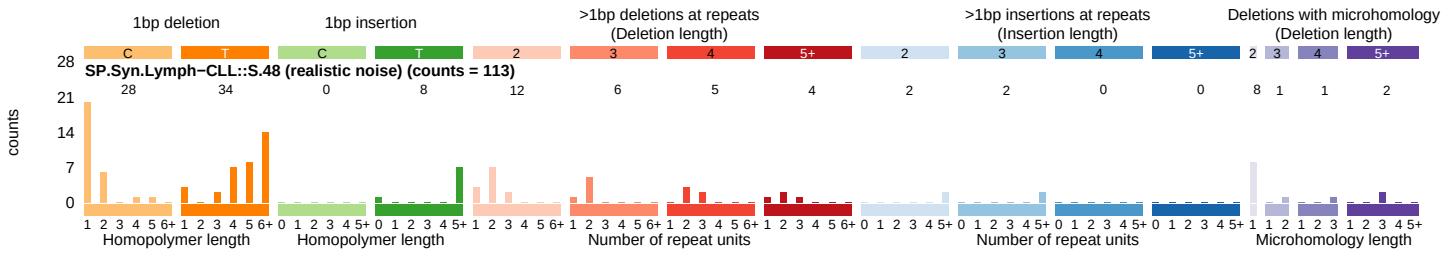
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.47 (realistic noise) (counts = 188)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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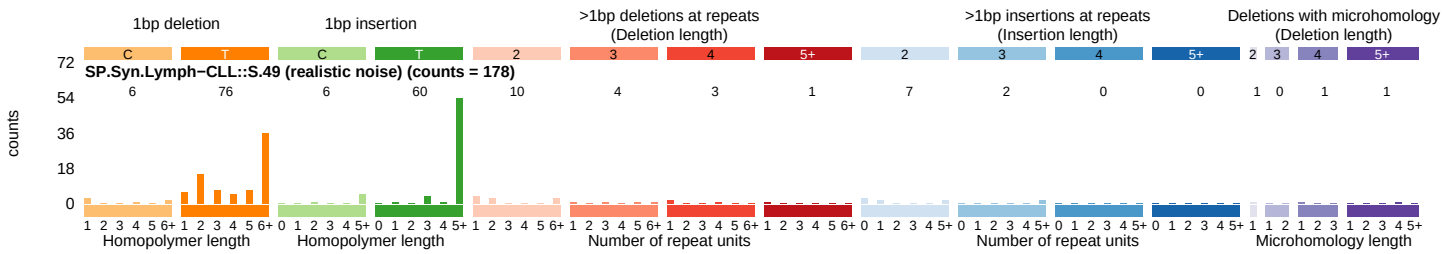
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.48 (realistic noise) (counts = 113)
counts
Homopolymer length
Number of repeat units
Microhomology length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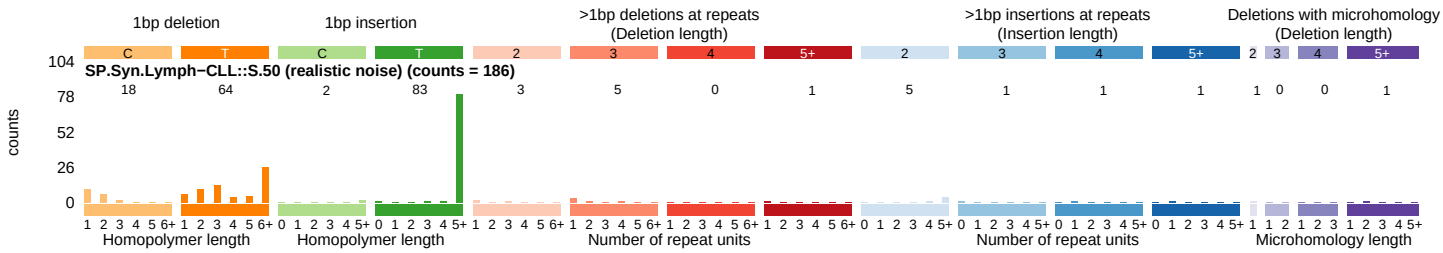
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.49 (realistic noise) (counts = 178)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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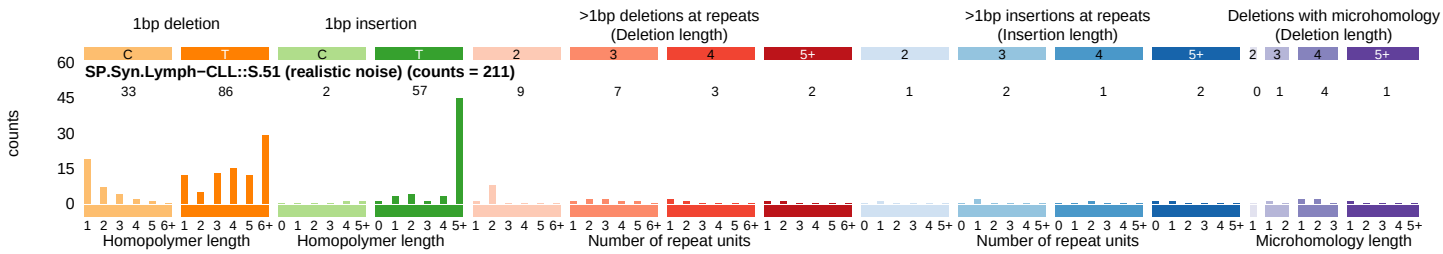
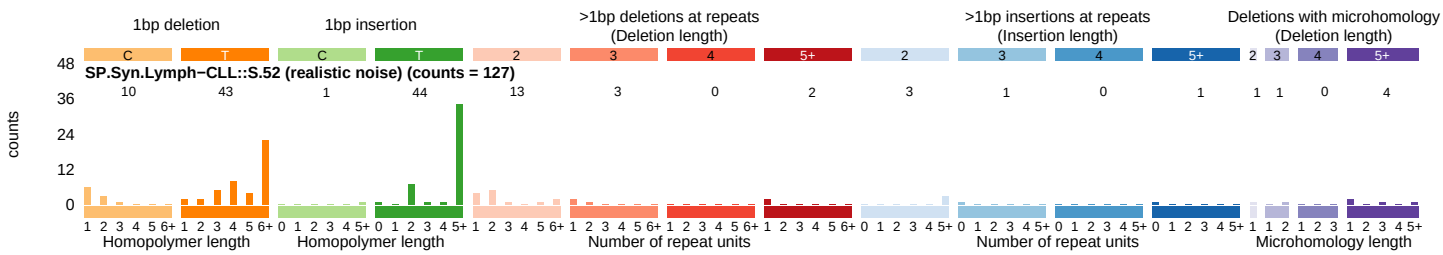
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.50 (realistic noise) (counts = 186)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.51 (realistic noise) (counts = 211)
counts
Homopolymer length
Number of repeat units
Microhomology length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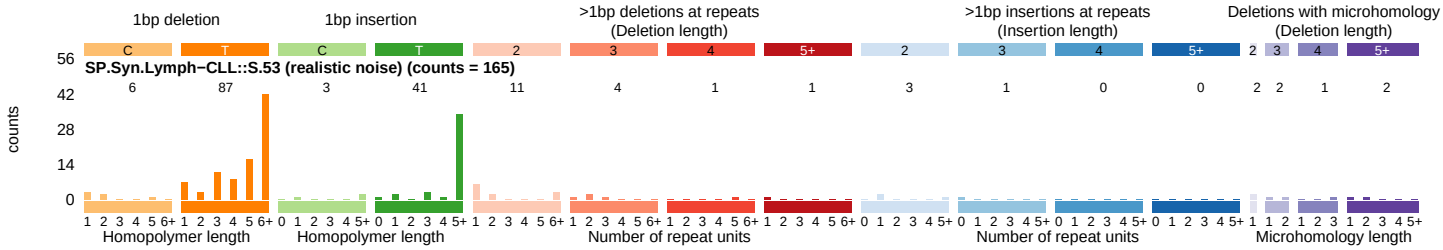
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.52 (realistic noise) (counts = 127)
counts
Homopolymer length
Number of repeat units
Microhomology length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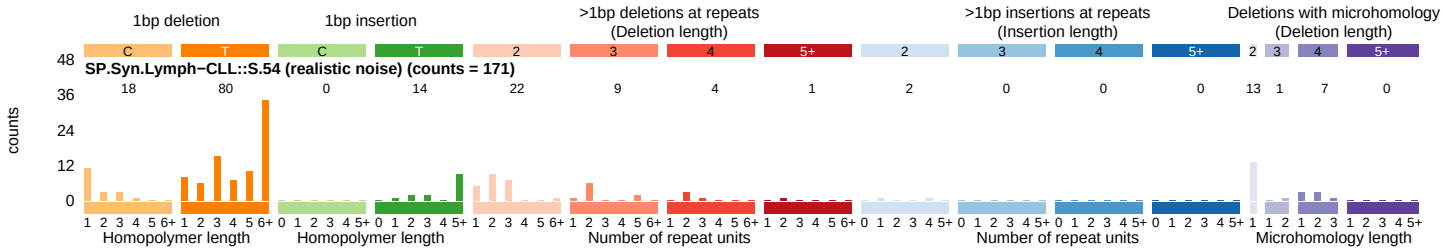
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.53 (realistic noise) (counts = 165)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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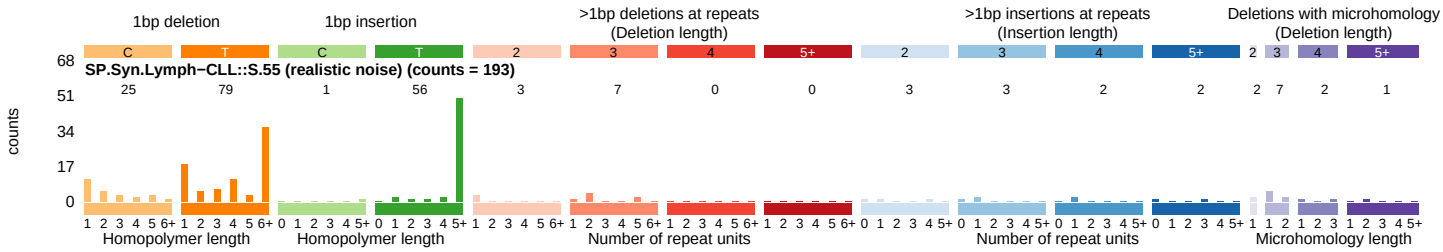
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.54 (realistic noise) (counts = 171)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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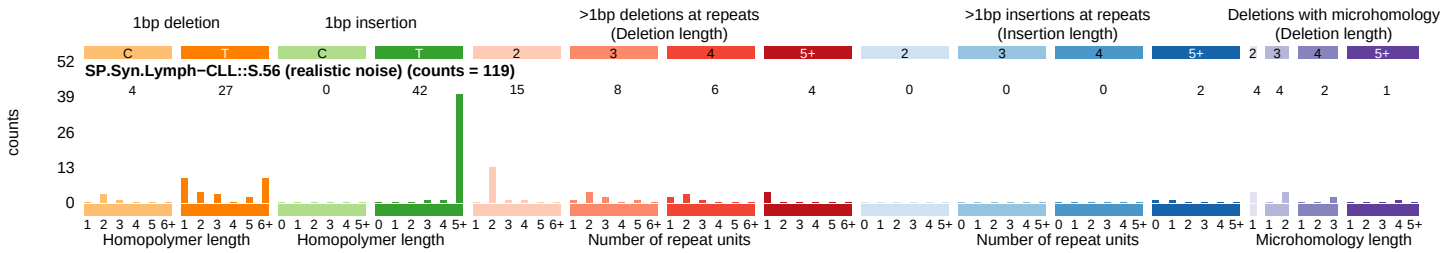
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.55 (realistic noise) (counts = 193)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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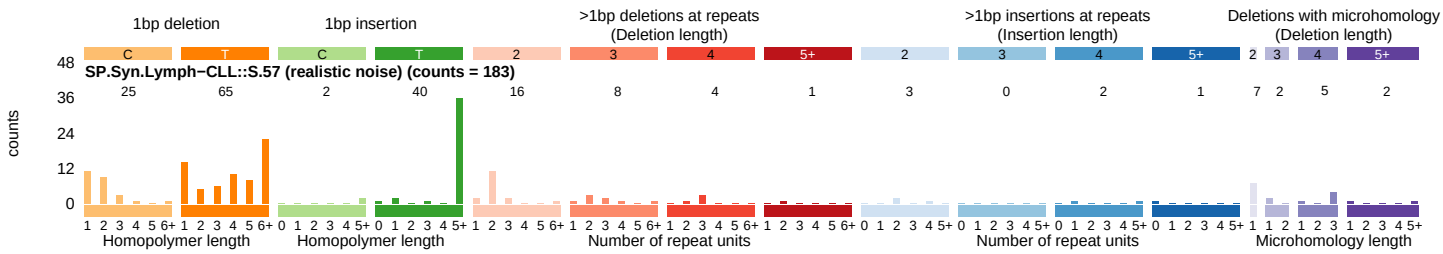
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.56 (realistic noise) (counts = 119)
counts
Homopolymer length
Number of repeat units
Microhomology length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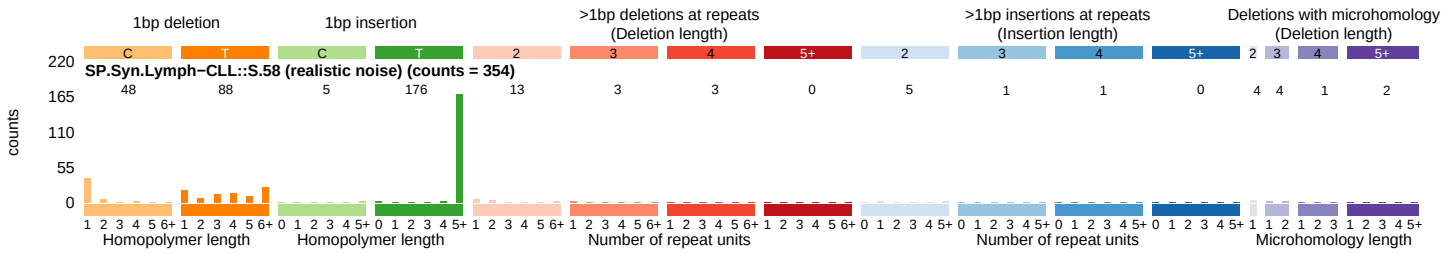
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.57 (realistic noise) (counts = 183)
counts
Homopolymer length
Number of repeat units
Microhomology length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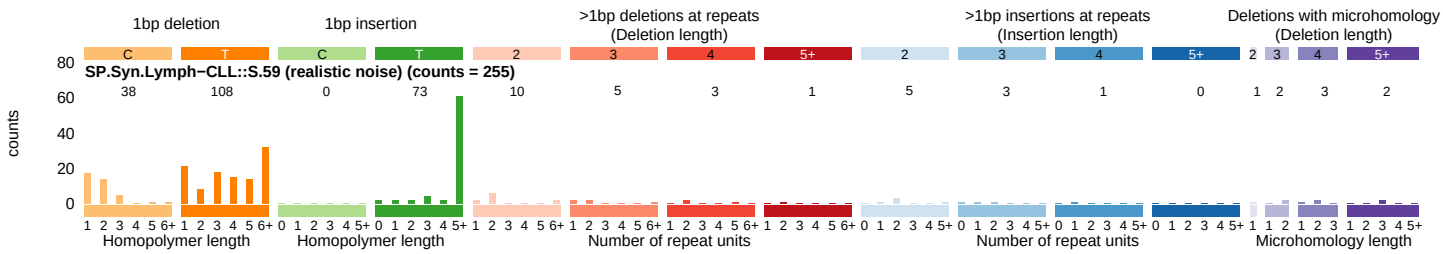
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.58 (realistic noise) (counts = 354)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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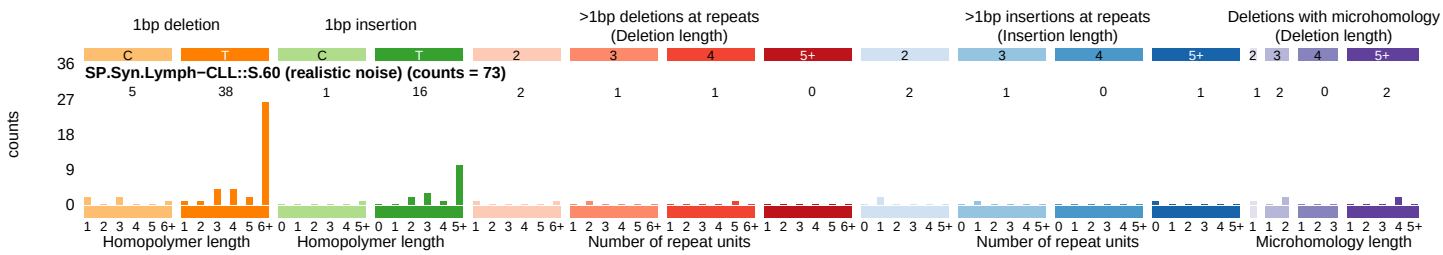
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.59 (realistic noise) (counts = 255)
counts
Homopolymer length
Number of repeat units
Microhomology length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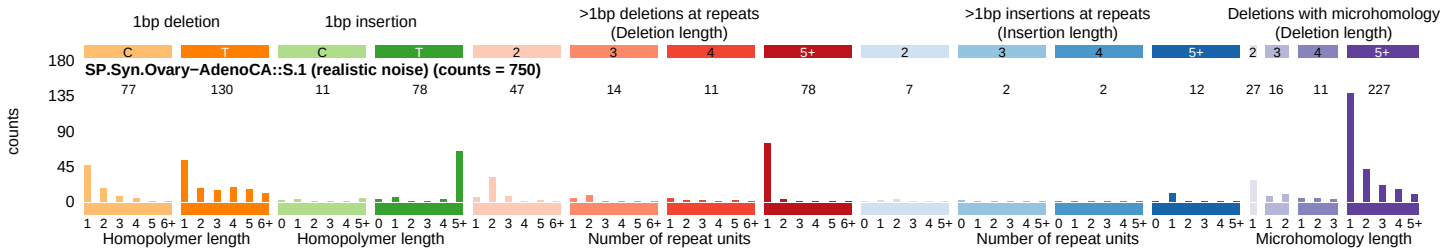
Deletions with microhomology (Deletion length)
SP.Syn.Lymph−CLL::S.60 (realistic noise) (counts = 73)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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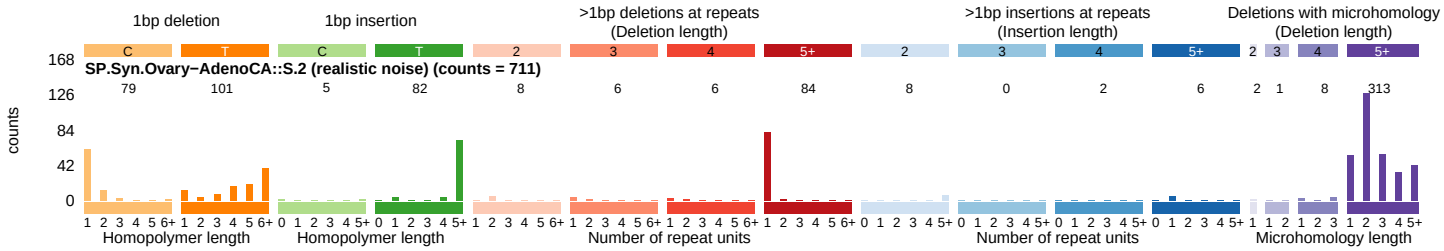
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.1 (realistic noise) (counts = 750)
77 130 11 78 47 14 11 78 7 2 2 12 27 16 11 227
counts
180 135 90 45 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 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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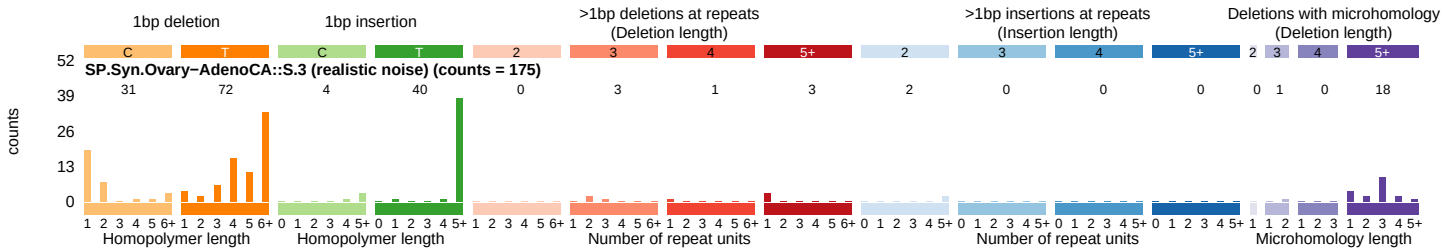
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.2 (realistic noise) (counts = 711)
79 101 5 82 8 6 6 84 8 0 2 6 2 1 8 313
counts
168 126 84 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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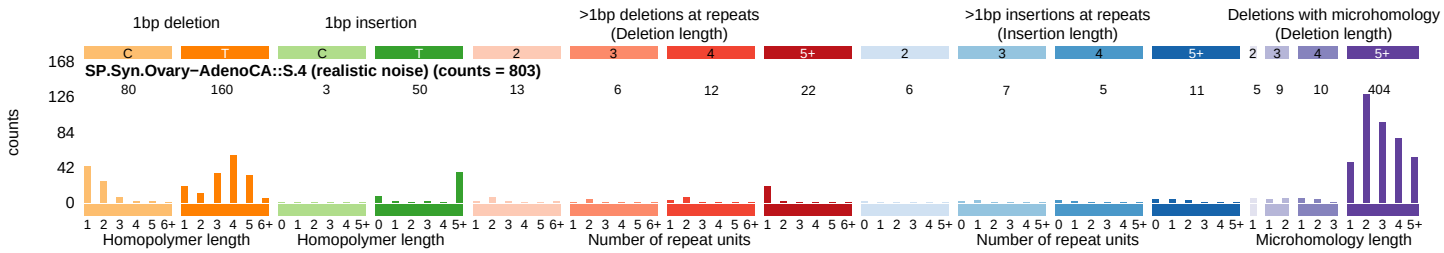
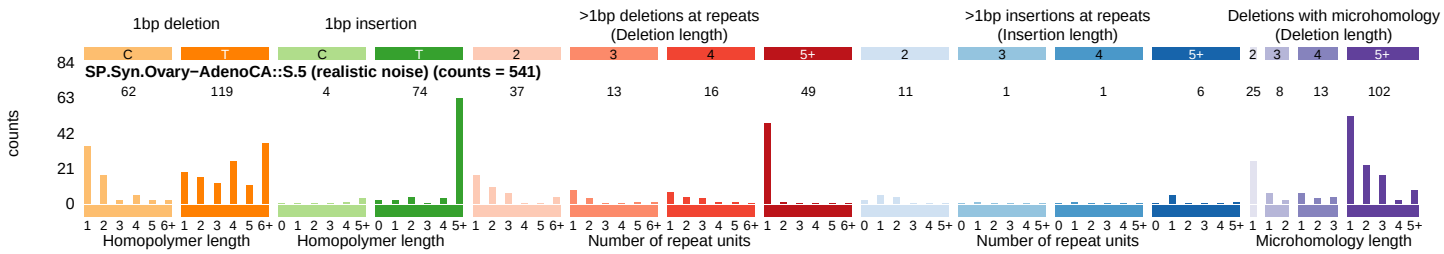
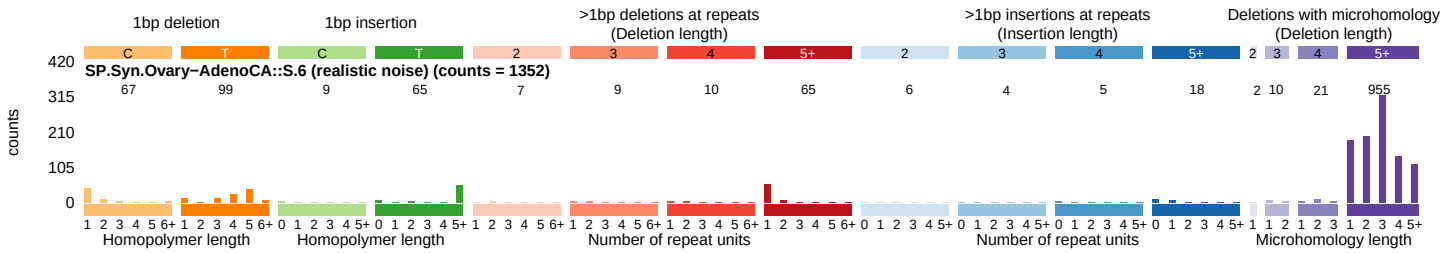
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.3 (realistic noise) (counts = 175)
31 72 4 40 0 3 1 3 2 0 0 0 0 1 0 18
counts
52 39 26 13 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.4 (realistic noise) (counts = 803)
80 160 3 50 13 6 12 22 6 7 5 11 5 9 10 404
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.Ovary−AdenoCA::S.5 (realistic noise) (counts = 541)
62 119 4 74 37 13 16 49 11 1 1 6 25 8 13 102
counts
84 63 42 21 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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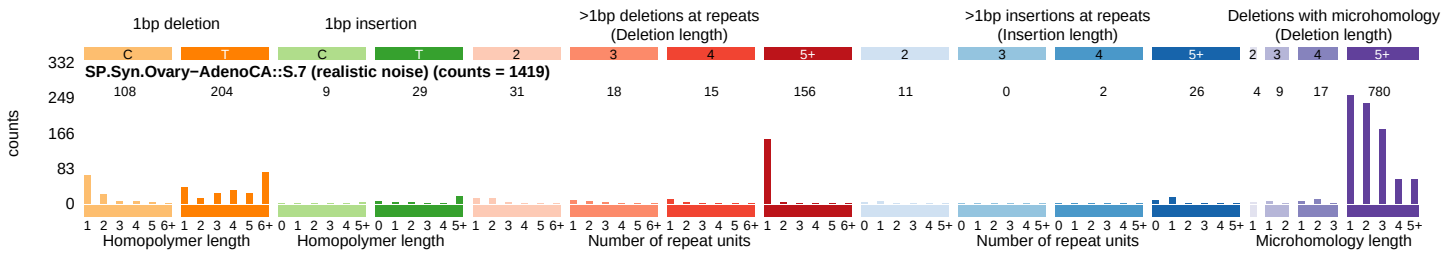
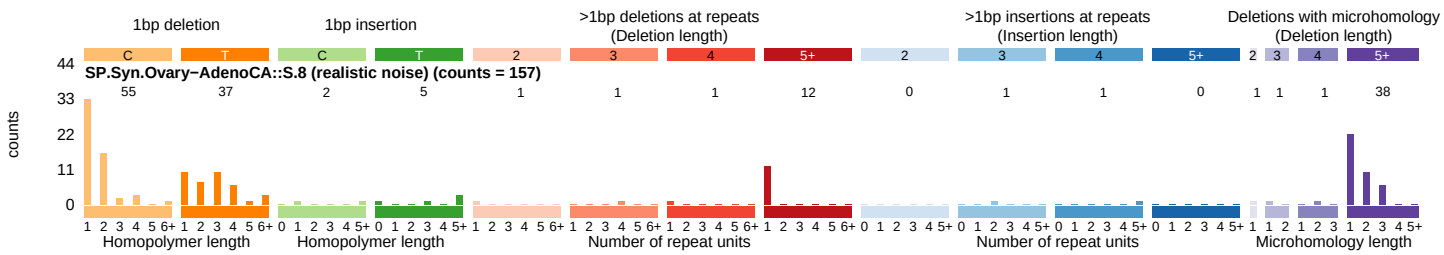
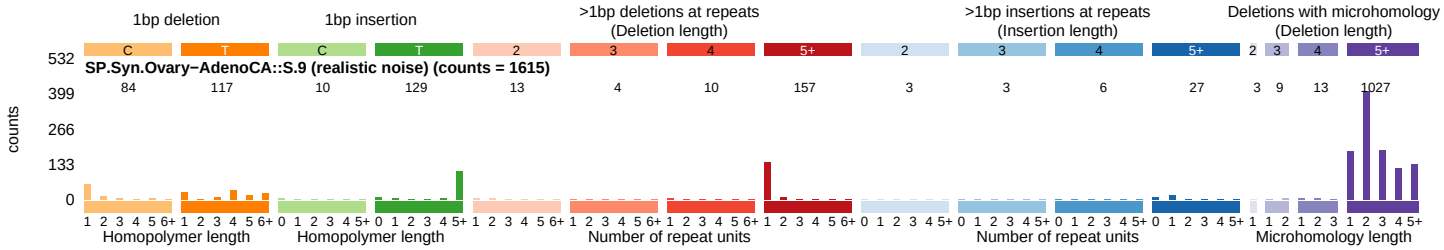
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.6 (realistic noise) (counts = 1352)
67 99 9 65 7 9 10 65 6 4 5 18 2 10 21 955
counts
420 315 210 105 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion 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.7 (realistic noise) (counts = 1419)
108 204 9 29 31 18 15 156 11 0 2 26 4 9 17 780
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+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.8 (realistic noise) (counts = 157)
55 37 2 5 1 1 1 12 0 1 1 0 1 1 1 38
counts
44 33 22 11 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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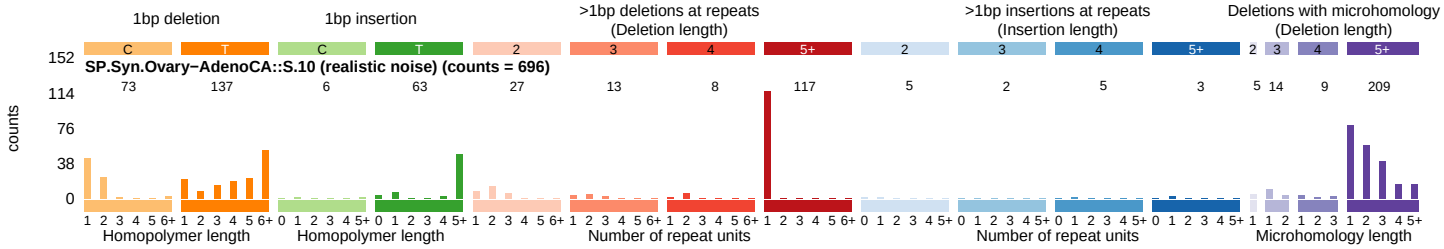
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.9 (realistic noise) (counts = 1615)
84 117 10 129 13 4 10 157 3 3 6 27 3 9 13 1027
counts
532 399 266 133 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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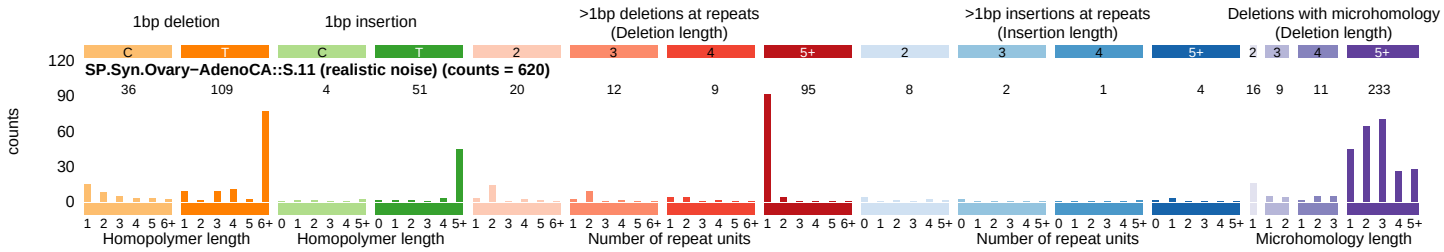
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.10 (realistic noise) (counts = 696)
73 137 6 63 27 13 8 117 5 2 5 3 5 14 9 209
counts
152 114 76 38 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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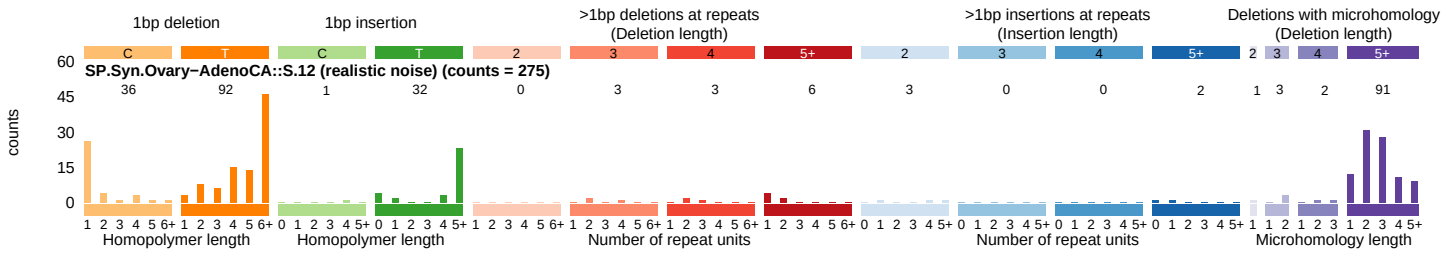
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.11 (realistic noise) (counts = 620)
36 109 4 51 20 12 9 95 8 2 1 4 16 9 11 233
counts
120 90 60 30 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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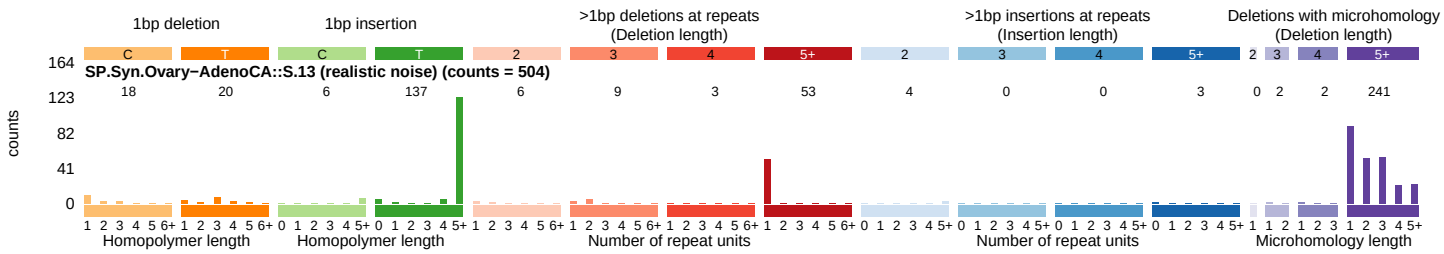
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.12 (realistic noise) (counts = 275)
36 92 1 32 0 3 3 6 3 0 0 2 1 3 2 91
counts
60 45 30 15 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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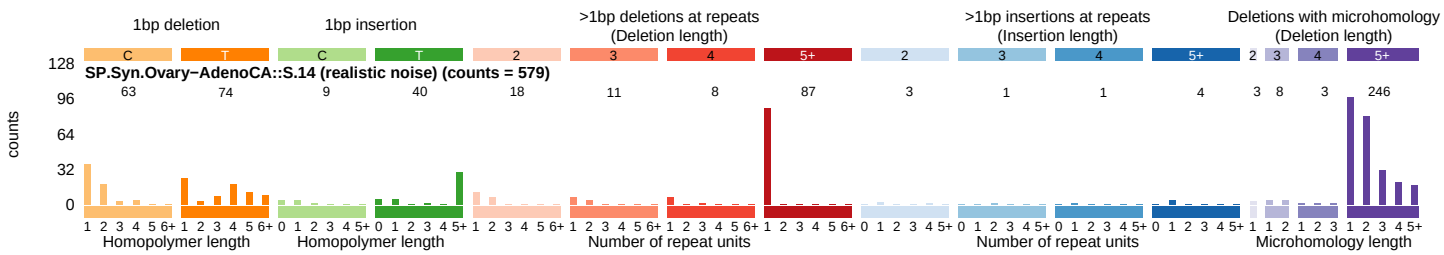
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.13 (realistic noise) (counts = 504)
18 20 6 137 6 9 3 53 4 0 0 3 0 2 2 241
counts
164 123 82 41 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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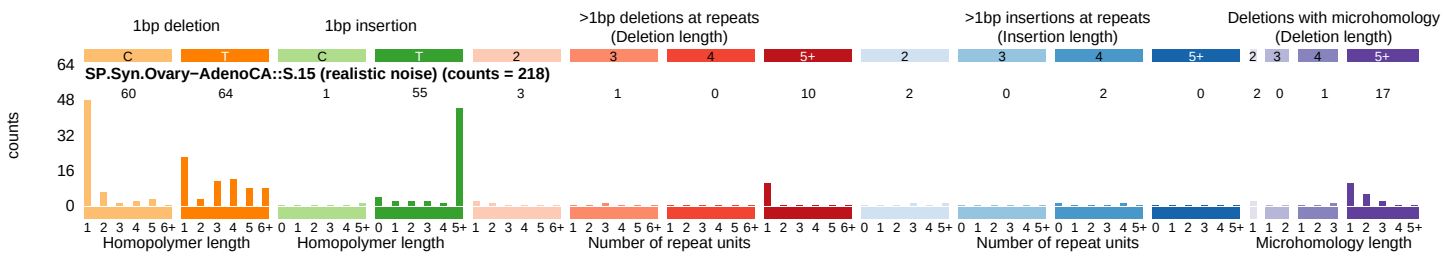
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.14 (realistic noise) (counts = 579)
63 74 9 40 18 11 8 87 3 1 1 4 3 8 3 246
counts
128 96 64 32 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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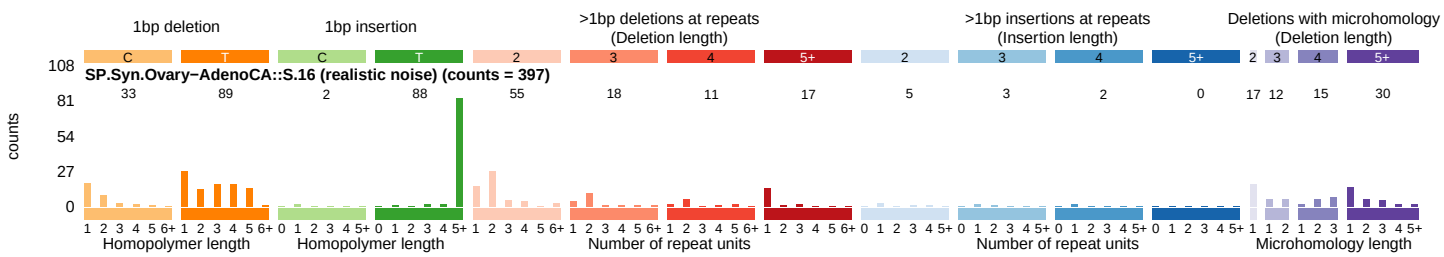
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.15 (realistic noise) (counts = 218)
60 64 1 55 3 1 0 10 2 0 2 0 2 0 1 17
counts
64 48 32 16 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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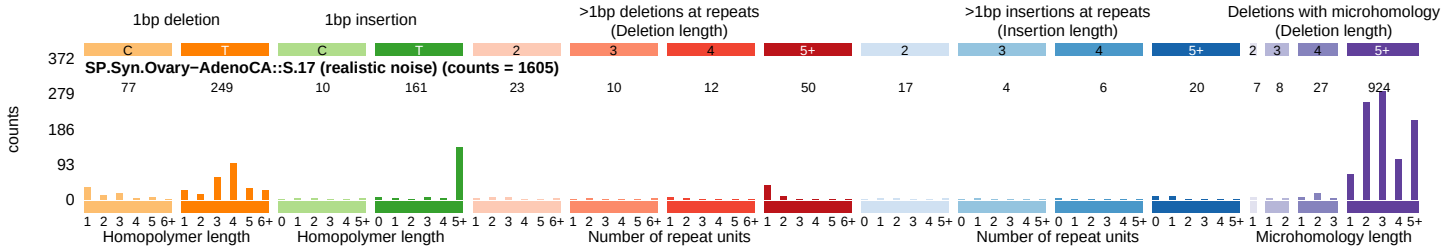
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.16 (realistic noise) (counts = 397)
33 89 2 88 55 18 11 17 5 3 2 0 17 12 15 30
counts
108 81 54 27 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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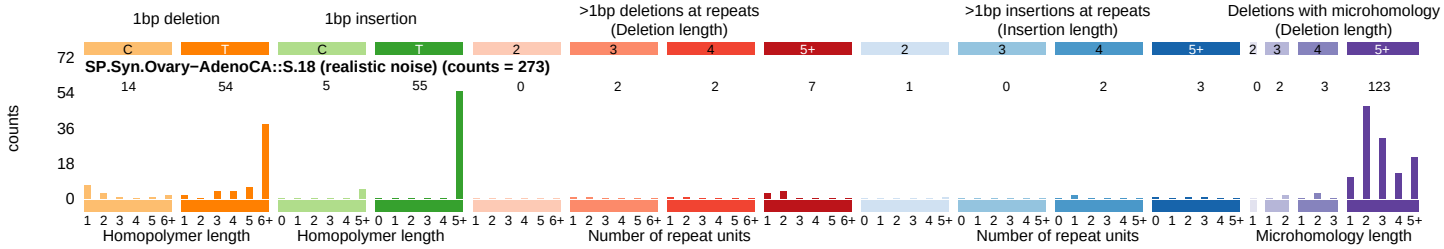
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.17 (realistic noise) (counts = 1605)
77 249 10 161 23 10 12 50 17 4 6 20 7 8 27 924
counts
372 279 186 93 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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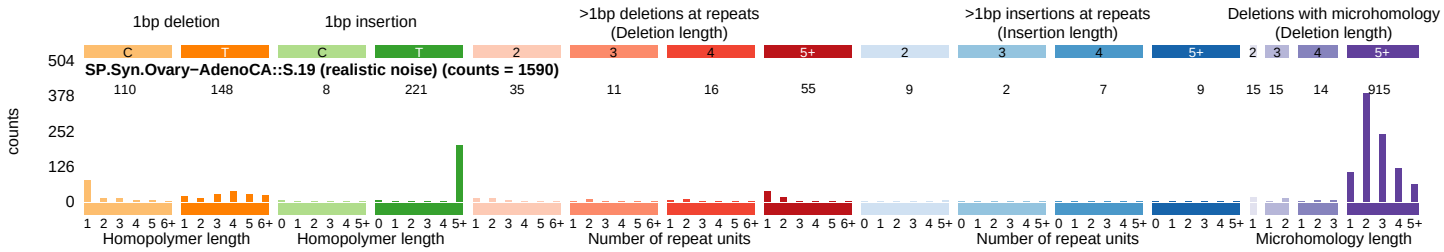
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.18 (realistic noise) (counts = 273)
14 54 5 55 0 2 2 7 1 0 2 3 0 2 3 123
counts
72 54 36 18 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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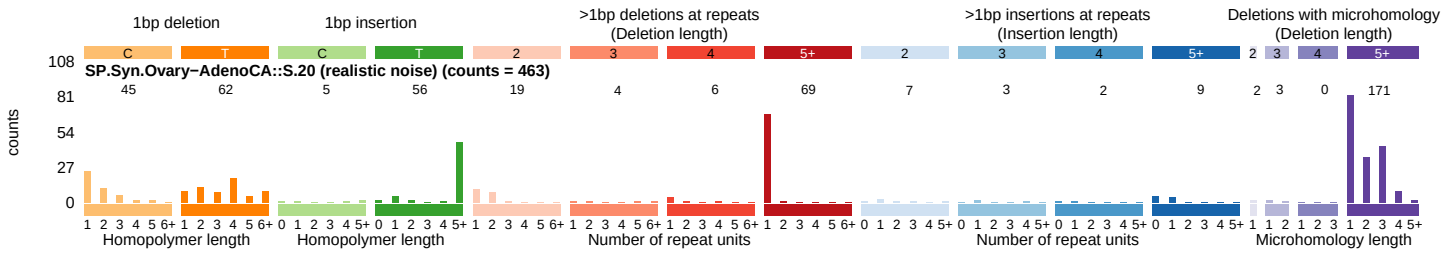
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.19 (realistic noise) (counts = 1590)
110 148 8 221 35 11 16 55 9 2 7 9 15 15 14 915
counts
504 378 252 126 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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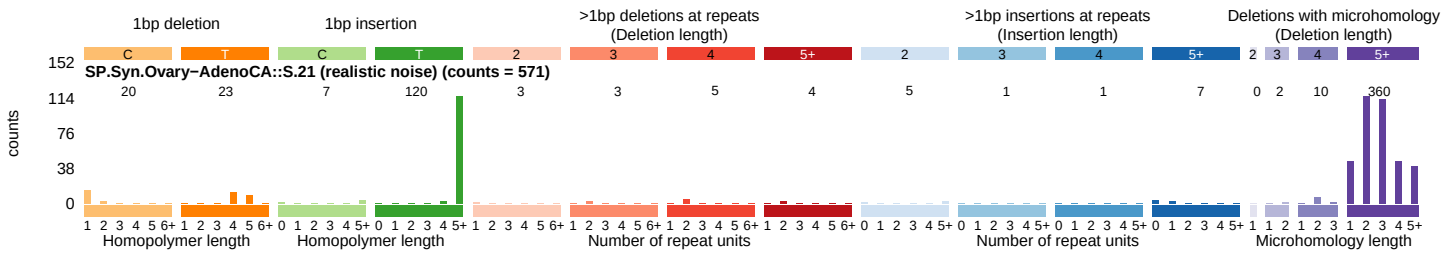
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.20 (realistic noise) (counts = 463)
45 62 5 56 19 4 6 69 7 3 2 9 2 3 0 171
counts
108 81 54 27 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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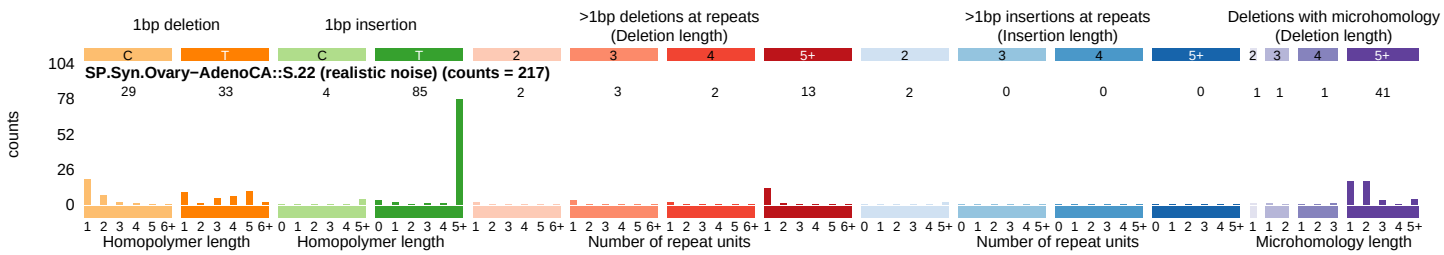
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.21 (realistic noise) (counts = 571)
20 23 7 120 3 3 5 4 5 1 1 7 0 2 10 360
counts
152 114 76 38 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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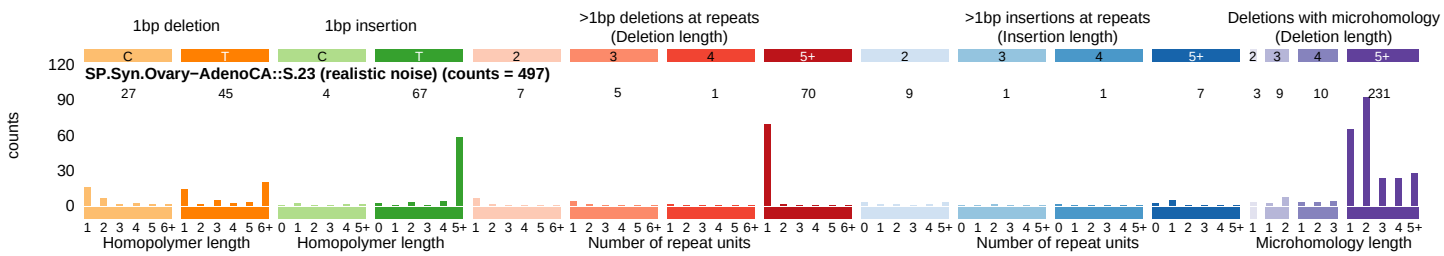
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.22 (realistic noise) (counts = 217)
29 33 4 85 2 3 2 13 2 0 0 0 1 1 1 41
counts
104 78 52 26 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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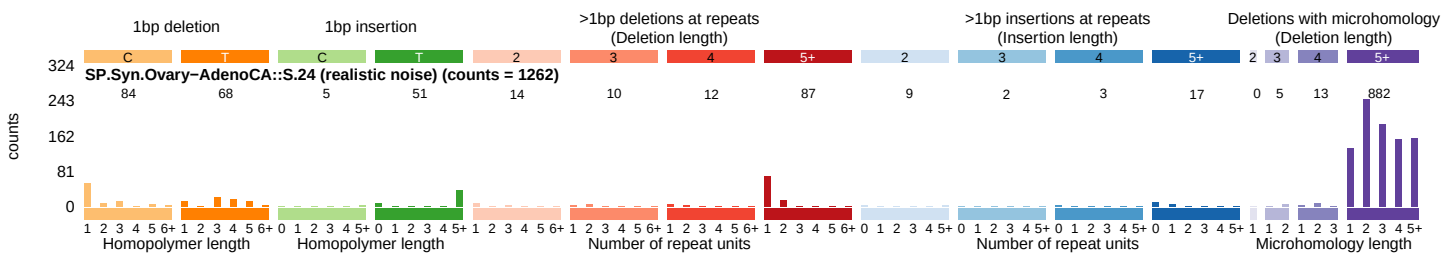
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.23 (realistic noise) (counts = 497)
27 45 4 67 7 5 1 70 9 1 1 7 3 9 10 231
counts
120 90 60 30 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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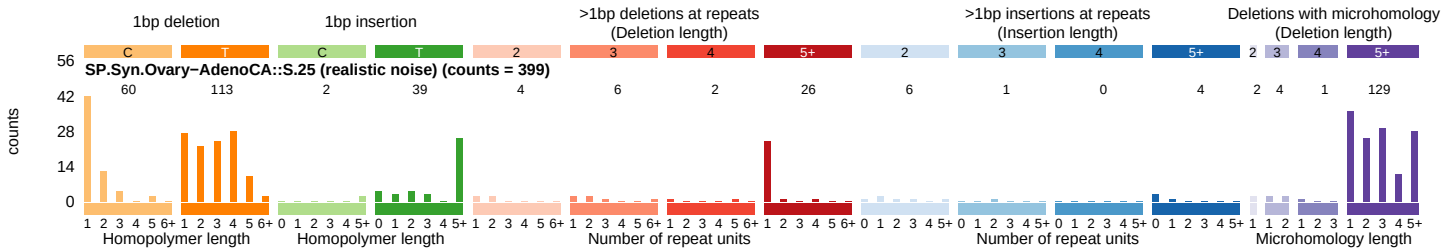
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.24 (realistic noise) (counts = 1262)
84 68 5 51 14 10 12 87 9 2 3 17 0 5 13 882
counts
324 243 162 81 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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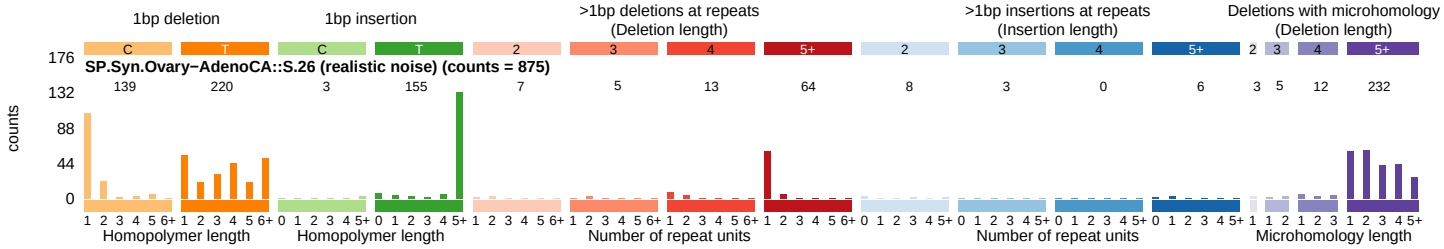
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.25 (realistic noise) (counts = 399)
60 113 2 39 4 6 2 26 6 1 0 4 2 4 1 129
counts
Homopolymer length
Number of repeat units
Microhomology length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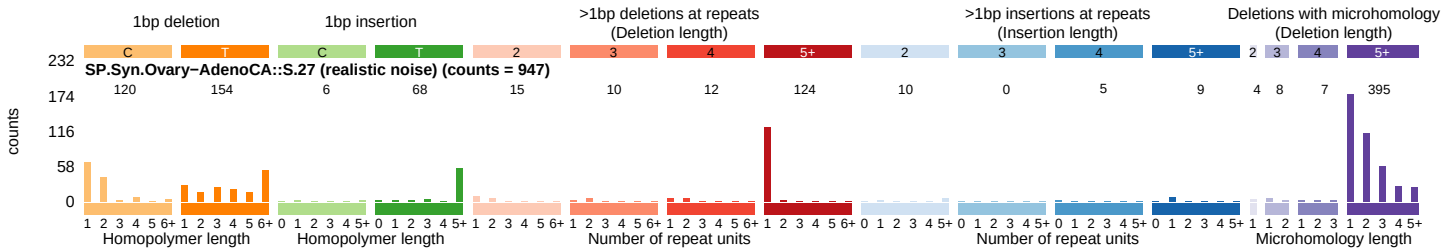
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.26 (realistic noise) (counts = 875)
139 220 3 155 7 5 13 64 8 3 0 6 3 5 12 232
counts
Homopolymer length
Number of repeat units
Microhomology length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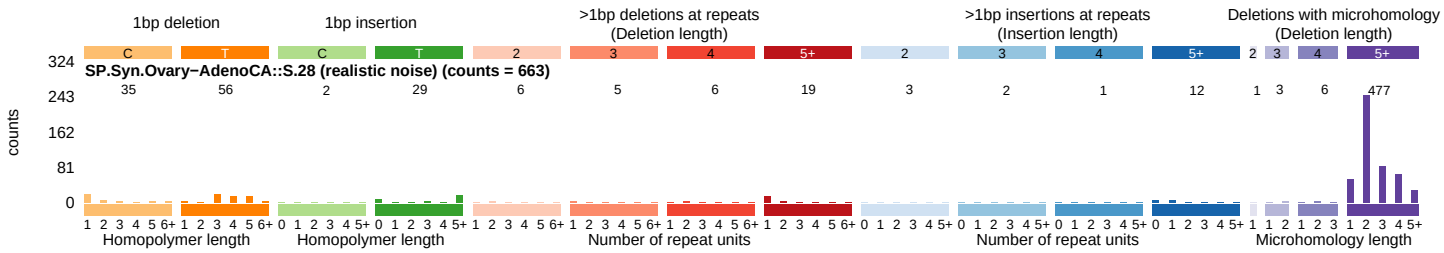
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.27 (realistic noise) (counts = 947)
120 154 6 68 15 10 12 124 10 0 5 9 4 8 7 395
counts
Homopolymer length
Number of repeat units
Microhomology length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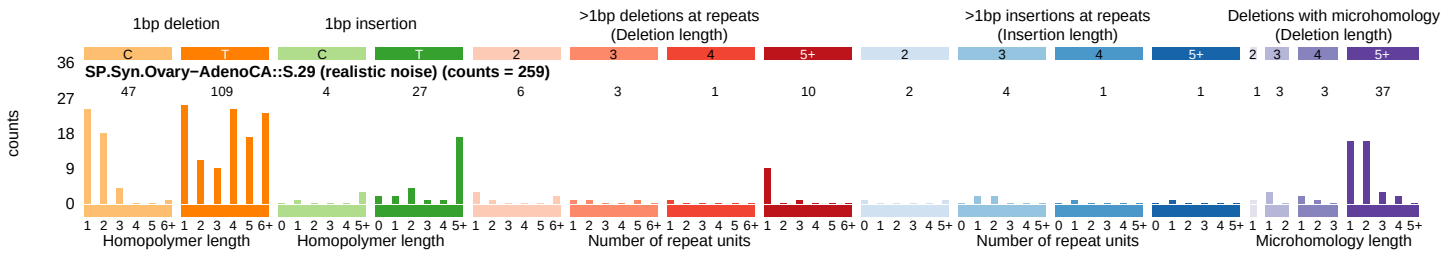
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.28 (realistic noise) (counts = 663)
35 56 2 29 6 5 6 19 3 2 1 12 1 3 6 477
counts
Homopolymer length
Number of repeat units
Microhomology length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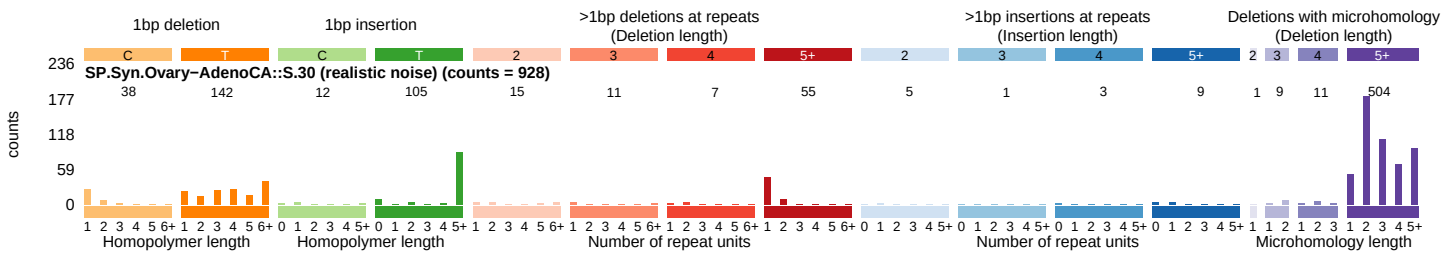
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.29 (realistic noise) (counts = 259)
47 109 4 27 6 3 1 10 2 4 1 1 1 3 3 37
counts
Homopolymer length
Number of repeat units
Microhomology length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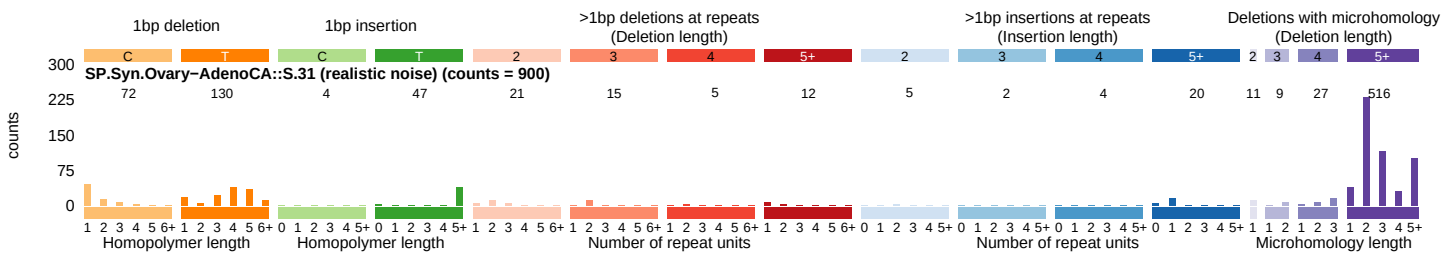
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.30 (realistic noise) (counts = 928)
38 142 12 105 15 11 7 55 5 1 3 9 1 9 11 504
counts
Homopolymer length
Number of repeat units
Microhomology length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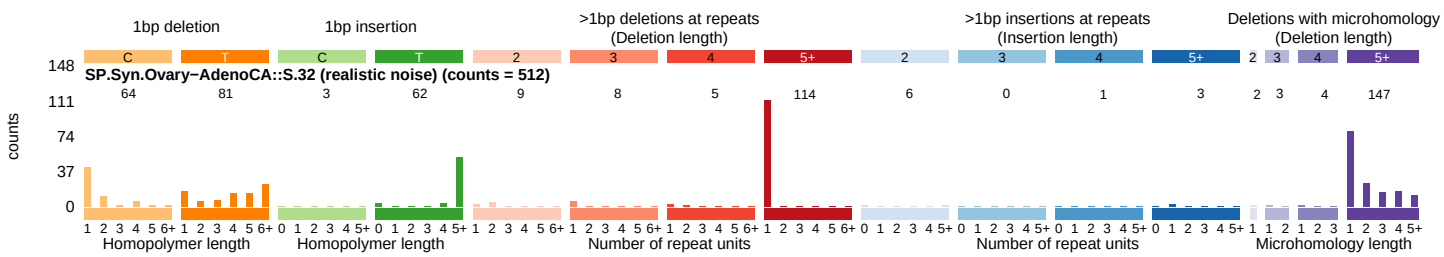
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.31 (realistic noise) (counts = 900)
72 130 4 47 21 15 5 12 5 2 4 20 11 9 27 516
counts
Homopolymer length
Number of repeat units
Microhomology length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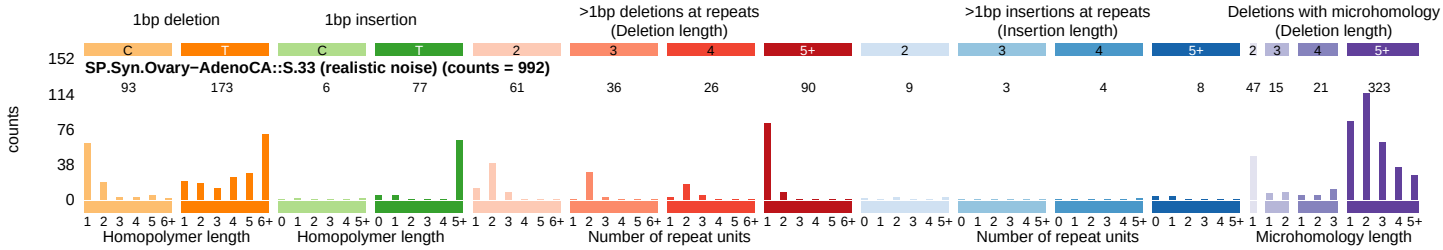
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.32 (realistic noise) (counts = 512)
64 81 3 62 9 8 5 114 6 0 1 3 2 3 4 147
counts
Homopolymer length
Number of repeat units
Microhomology length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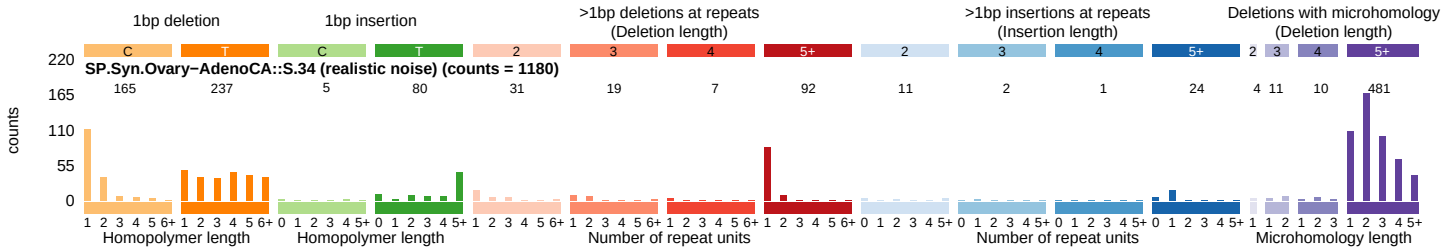
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.33 (realistic noise) (counts = 992)
93 173 6 77 61 36 26 90 9 3 4 8 47 15 21 323
counts
Homopolymer length
Number of repeat units
Microhomology length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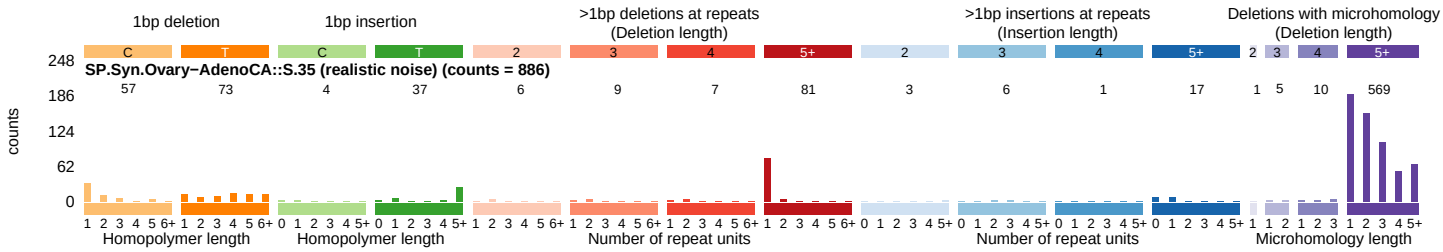
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.34 (realistic noise) (counts = 1180)
165 237 5 80 31 19 7 92 11 2 1 24 4 11 10 481
counts
Homopolymer length
Number of repeat units
Microhomology length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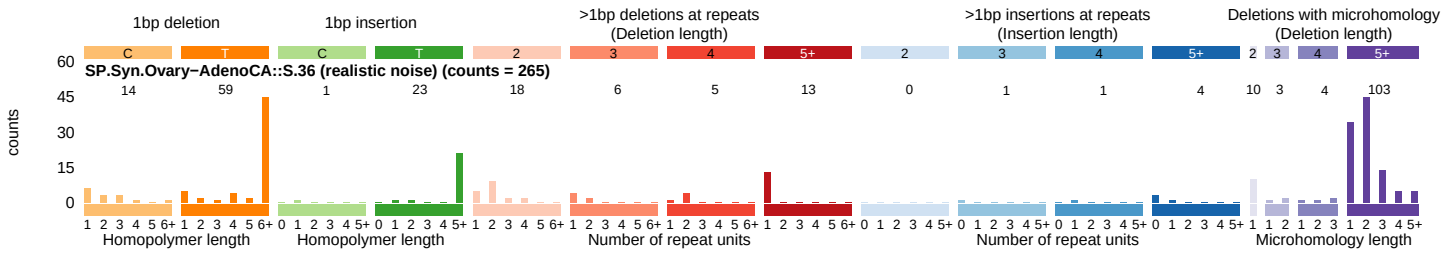
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.35 (realistic noise) (counts = 886)
57 73 4 37 6 9 7 81 3 6 1 17 1 5 10 569
counts
Homopolymer length
Number of repeat units
Microhomology length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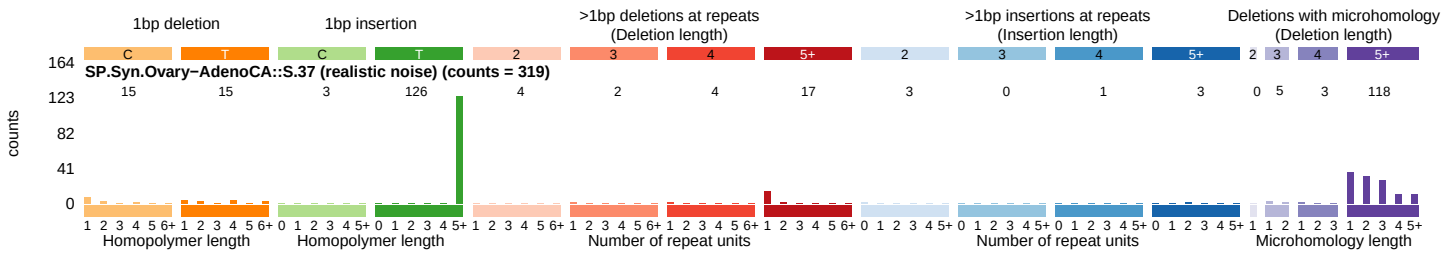
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.36 (realistic noise) (counts = 265)
14 59 1 23 18 6 5 13 0 1 1 4 10 3 4 103
counts
Homopolymer length
Number of repeat units
Microhomology length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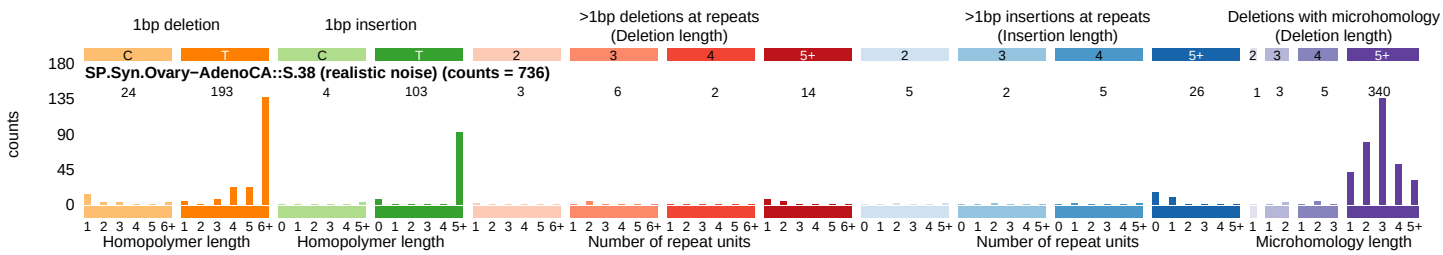
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.37 (realistic noise) (counts = 319)
15 15 3 126 4 2 4 17 3 0 1 3 0 5 3 118
counts
Homopolymer length
Number of repeat units
Microhomology length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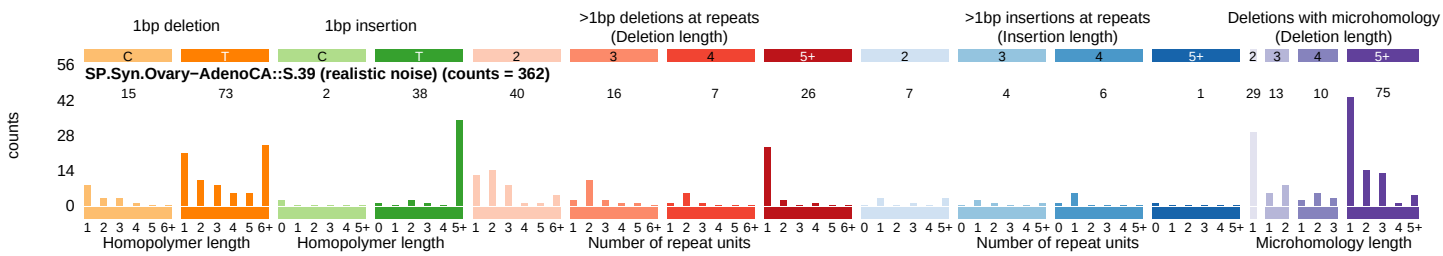
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.38 (realistic noise) (counts = 736)
24 193 4 103 3 6 2 14 5 2 5 26 1 3 5 340
counts
Homopolymer length
Number of repeat units
Microhomology length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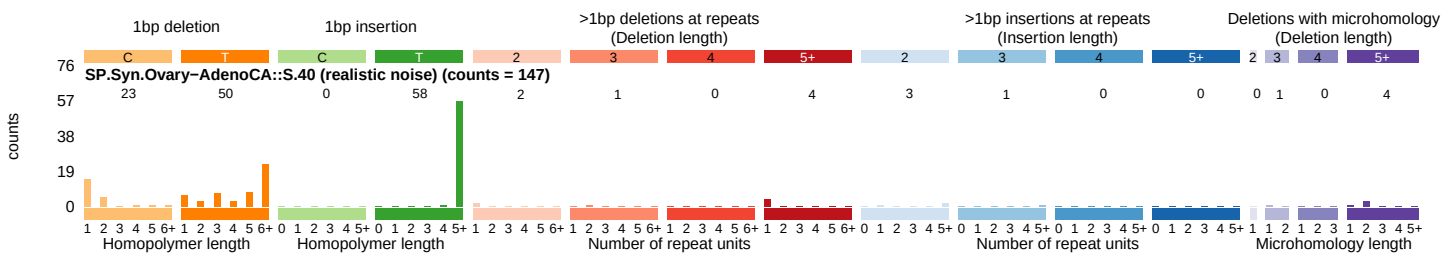
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.39 (realistic noise) (counts = 362)
15 73 2 38 40 16 7 26 7 4 6 1 29 13 10 75
counts
Homopolymer length
Number of repeat units
Microhomology length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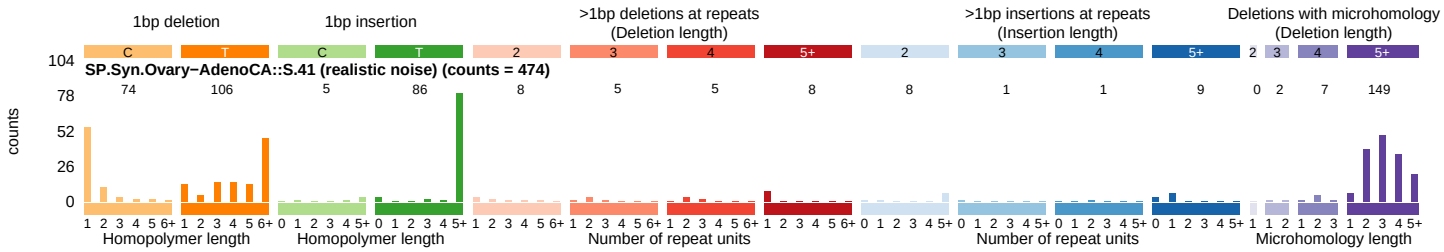
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.40 (realistic noise) (counts = 147)
23 50 0 58 2 1 0 4 3 1 0 0 0 1 0 4
counts
Homopolymer length
Number of repeat units
Microhomology length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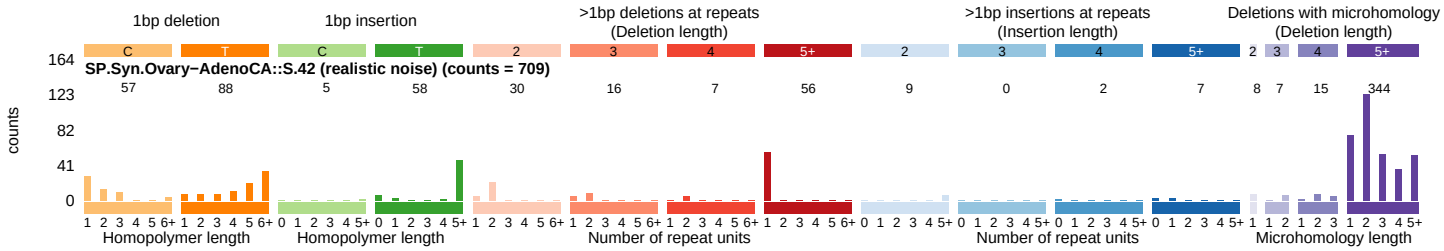
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.41 (realistic noise) (counts = 474)
counts
Homopolymer length
Number of repeat units
Microhomology length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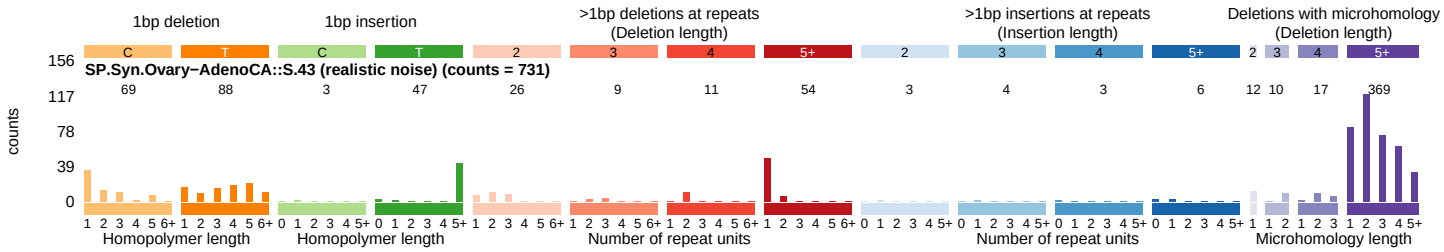
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.42 (realistic noise) (counts = 709)
counts
Homopolymer length
Number of repeat units
Microhomology length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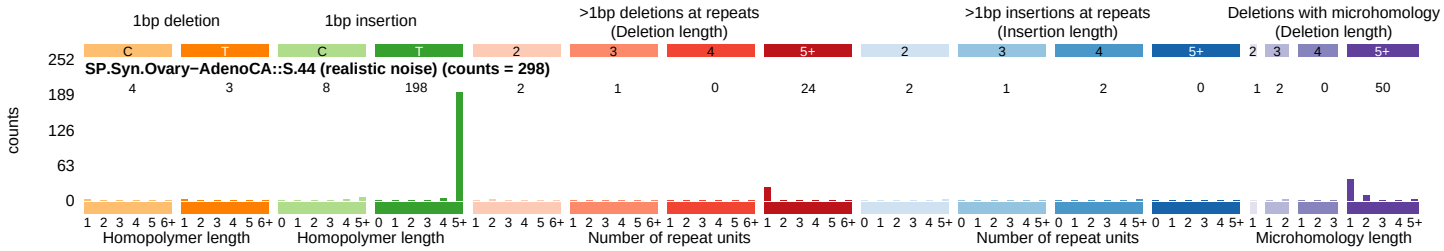
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.43 (realistic noise) (counts = 731)
counts
Homopolymer length
Number of repeat units
Microhomology length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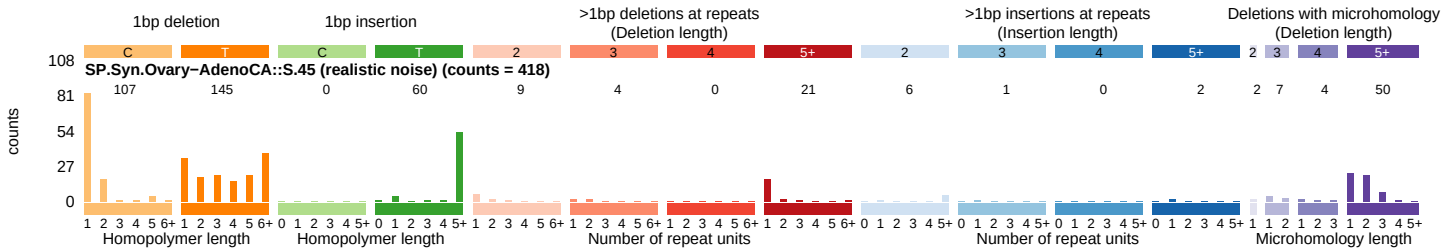
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.44 (realistic noise) (counts = 298)
counts
Homopolymer length
Number of repeat units
Microhomology length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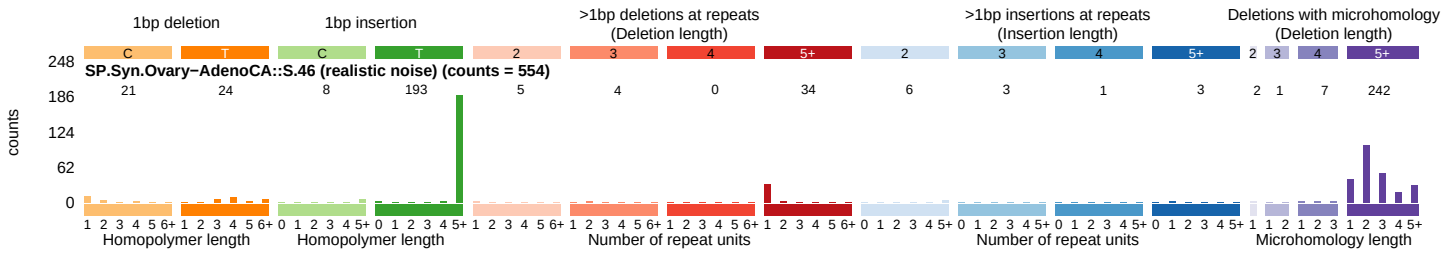
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.45 (realistic noise) (counts = 418)
counts
Homopolymer length
Number of repeat units
Microhomology length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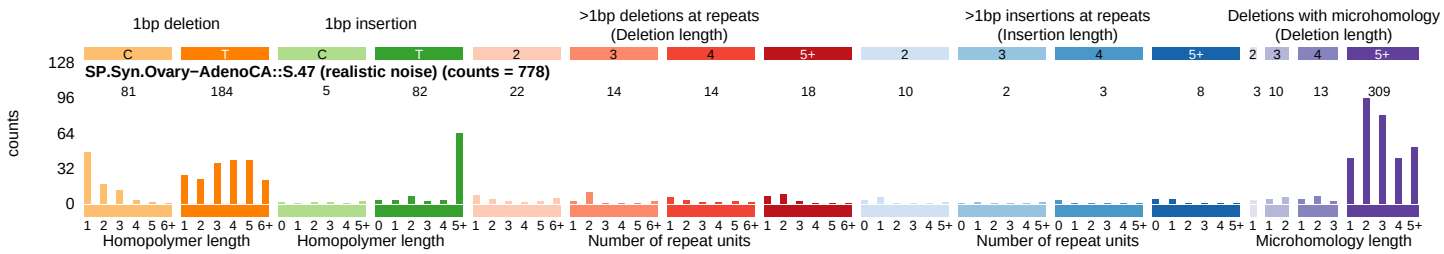
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.46 (realistic noise) (counts = 554)
counts
Homopolymer length
Number of repeat units
Microhomology length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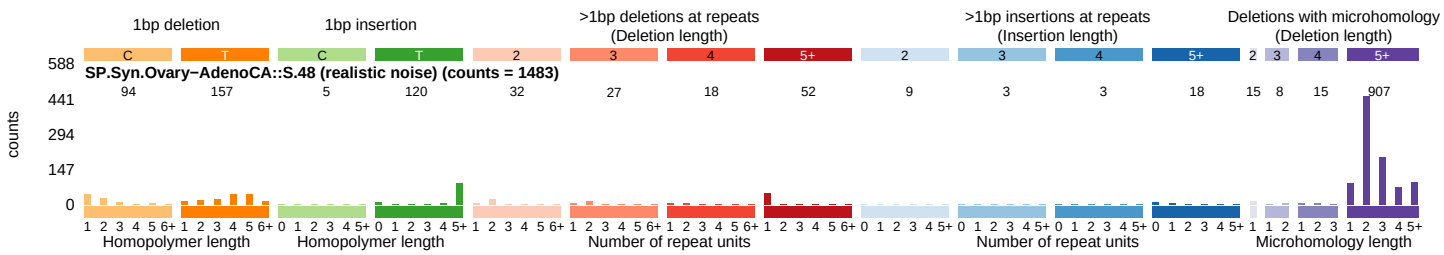
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.47 (realistic noise) (counts = 778)
counts
Homopolymer length
Number of repeat units
Microhomology length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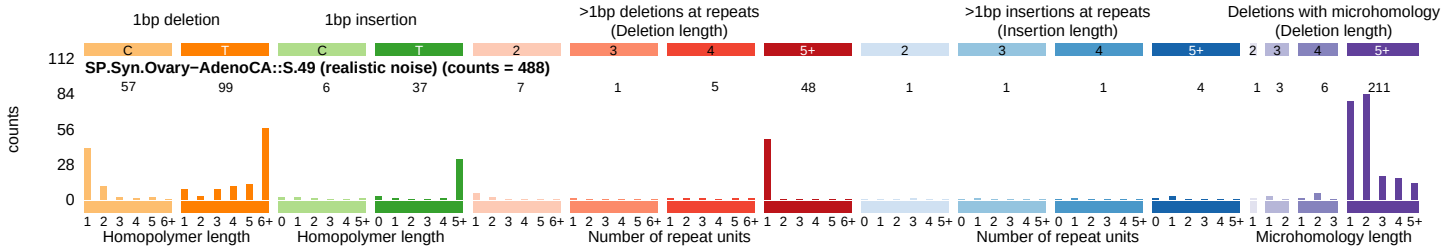
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.48 (realistic noise) (counts = 1483)
counts
Homopolymer length
Number of repeat units
Microhomology length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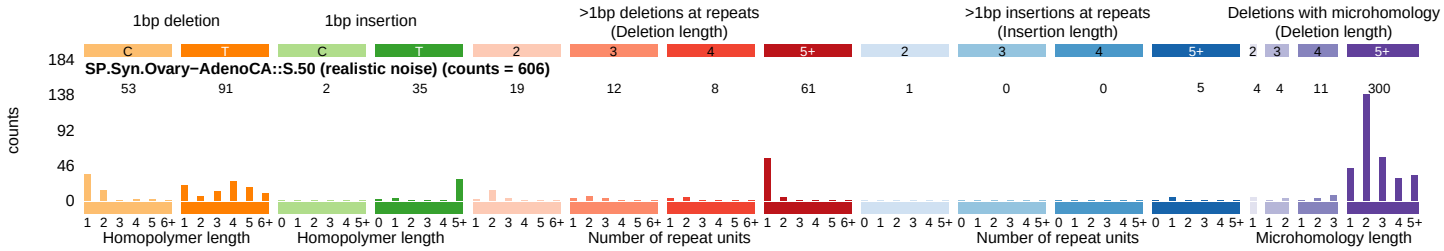
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.49 (realistic noise) (counts = 488)
57 99 6 37 7 1 5 48 1 1 1 4 1 3 6 211
counts
Homopolymer length
Number of repeat units
Microhomology length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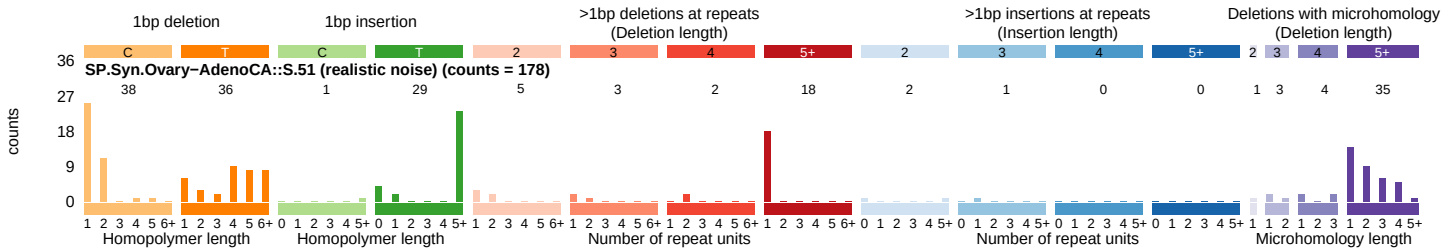
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.50 (realistic noise) (counts = 606)
53 91 2 35 19 12 8 61 1 0 0 5 4 4 11 300
counts
Homopolymer length
Number of repeat units
Microhomology length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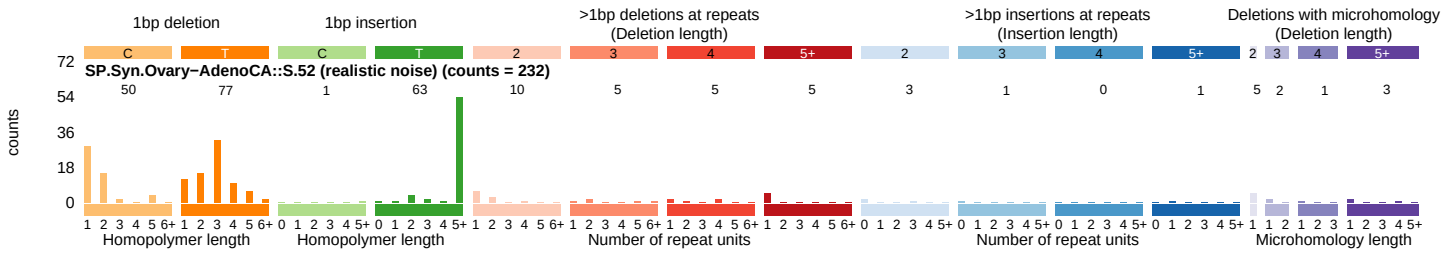
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.51 (realistic noise) (counts = 178)
38 36 1 29 5 3 2 18 2 1 0 0 1 3 4 35
counts
Homopolymer length
Number of repeat units
Microhomology length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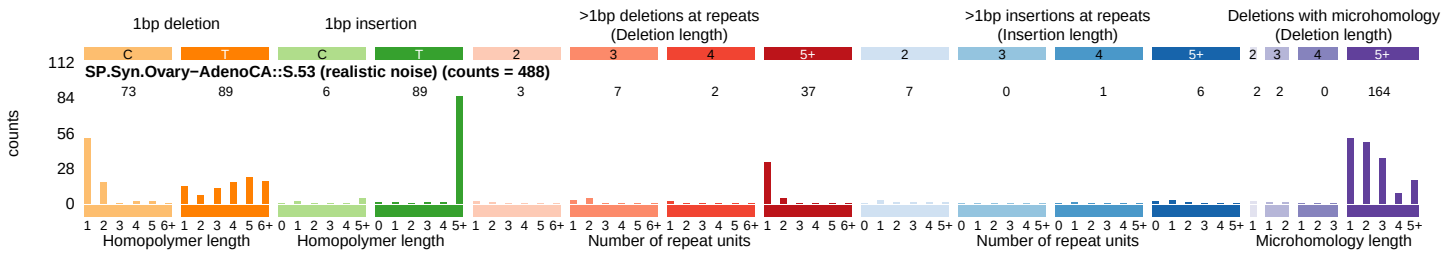
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.52 (realistic noise) (counts = 232)
50 77 1 63 10 5 5 5 3 1 0 1 5 2 1 3
counts
Homopolymer length
Number of repeat units
Microhomology length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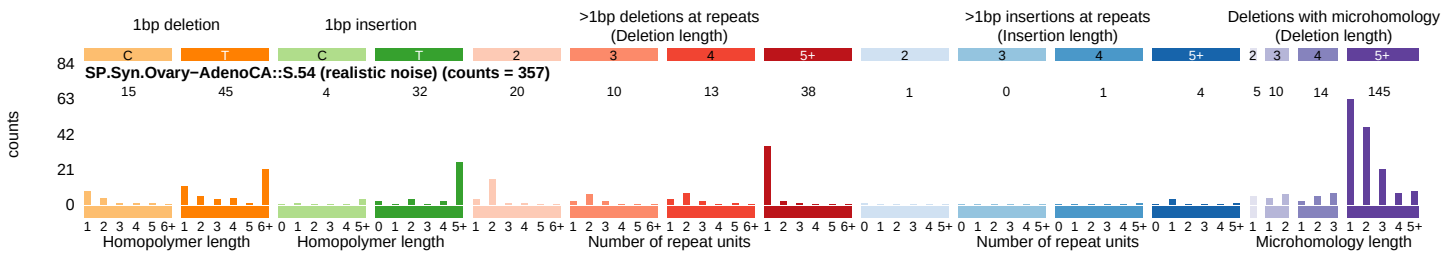
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.53 (realistic noise) (counts = 488)
73 89 6 89 3 7 2 37 7 0 1 6 2 2 0 164
counts
Homopolymer length
Number of repeat units
Microhomology length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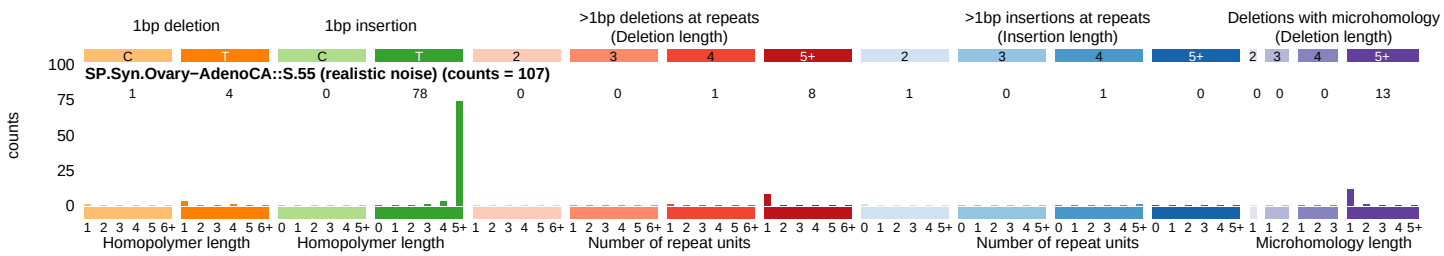
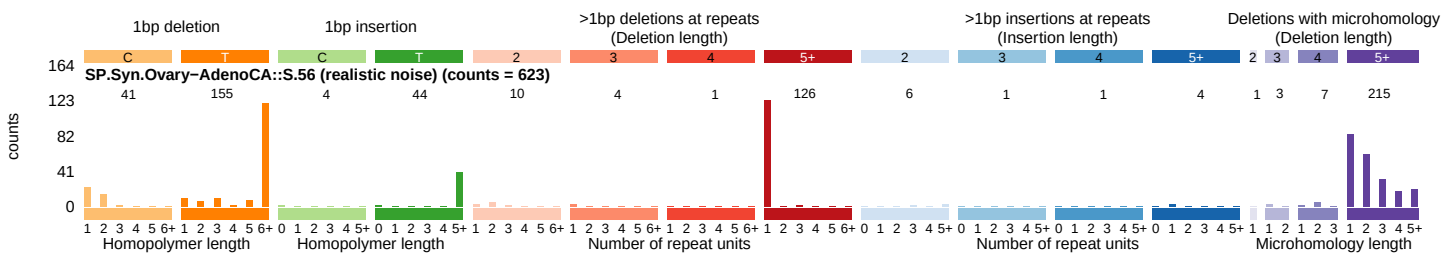
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.54 (realistic noise) (counts = 357)
15 45 4 32 20 10 13 38 1 0 1 4 5 10 14 145
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.55 (realistic noise) (counts = 107)
1 4 0 78 0 0 1 8 1 0 1 0 0 0 0 13
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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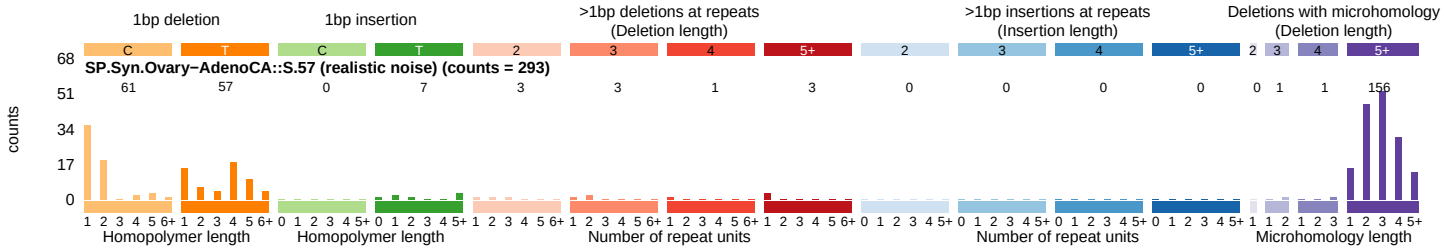
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.56 (realistic noise) (counts = 623)
41 155 4 44 10 4 1 126 6 1 1 4 1 3 7 215
counts
Homopolymer length
Number of repeat units
Microhomology length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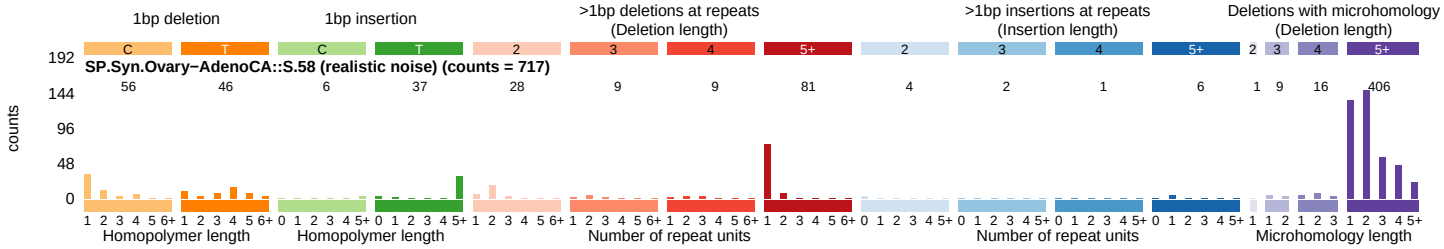
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.57 (realistic noise) (counts = 293)
61 57 0 7 3 3 1 3 0 0 0 0 0 1 1 156
counts
Homopolymer length
Number of repeat units
Microhomology length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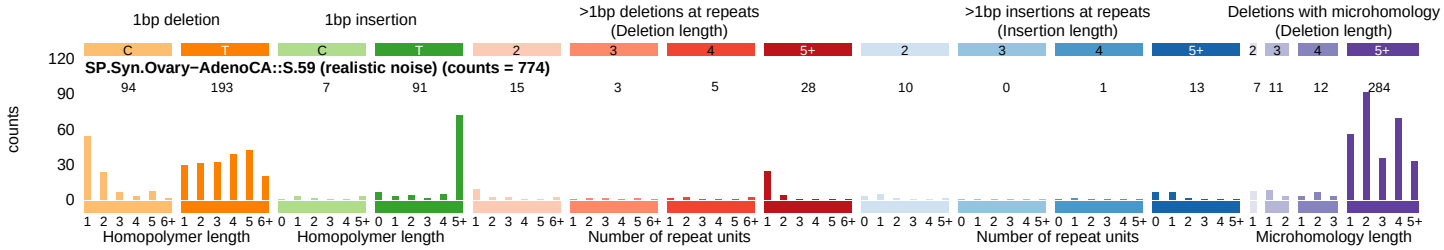
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.58 (realistic noise) (counts = 717)
56 46 6 37 28 9 9 81 4 2 1 6 1 9 16 406
counts
Homopolymer length
Number of repeat units
Microhomology length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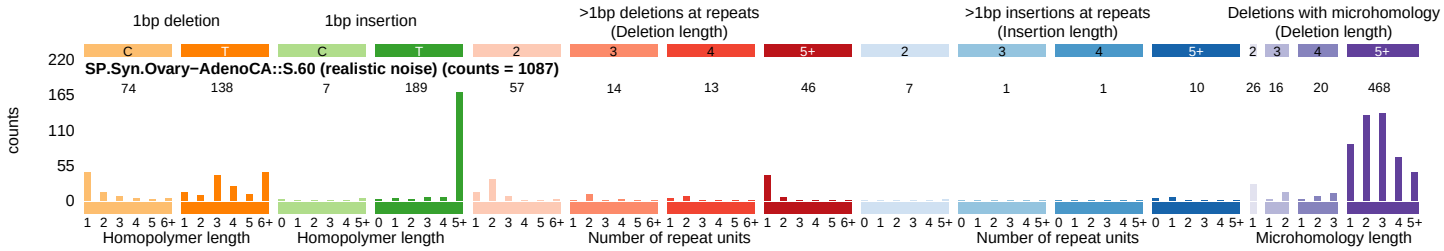
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.59 (realistic noise) (counts = 774)
94 193 7 91 15 3 5 28 10 0 1 13 7 11 12 284
counts
Homopolymer length
Number of repeat units
Microhomology length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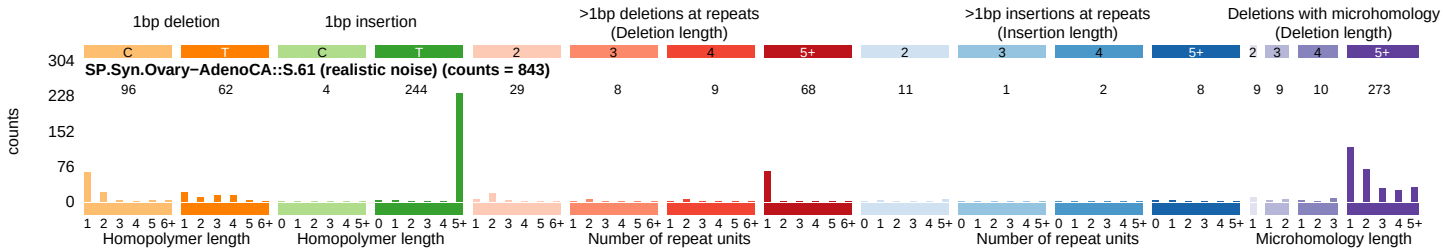
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.60 (realistic noise) (counts = 1087)
74 138 7 189 57 14 13 46 7 1 1 10 26 16 20 468
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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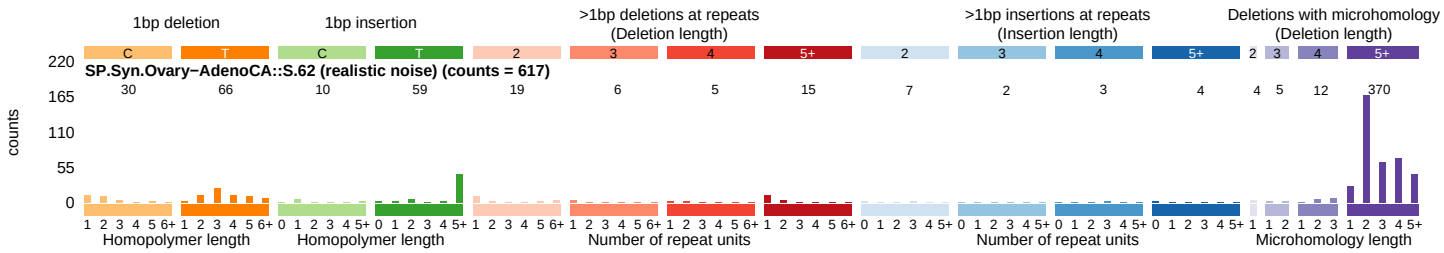
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.61 (realistic noise) (counts = 843)
96 62 4 244 29 8 9 68 11 1 2 8 9 9 10 273
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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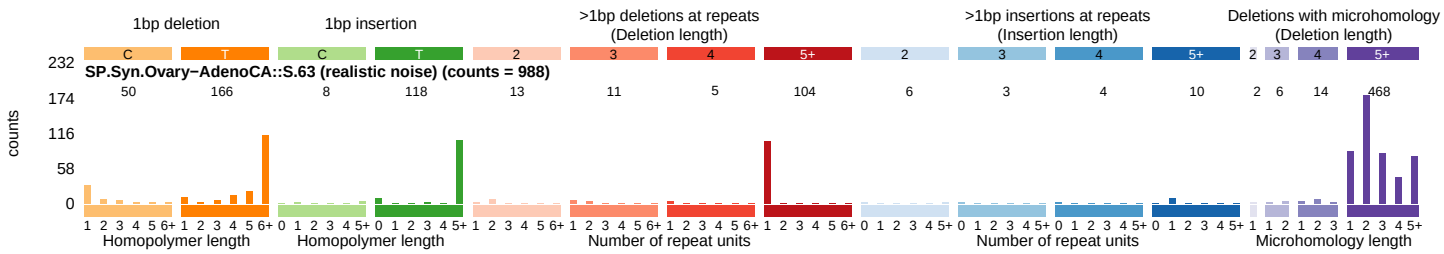
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.62 (realistic noise) (counts = 617)
30 66 10 59 19 6 5 15 7 2 3 4 4 5 12 370
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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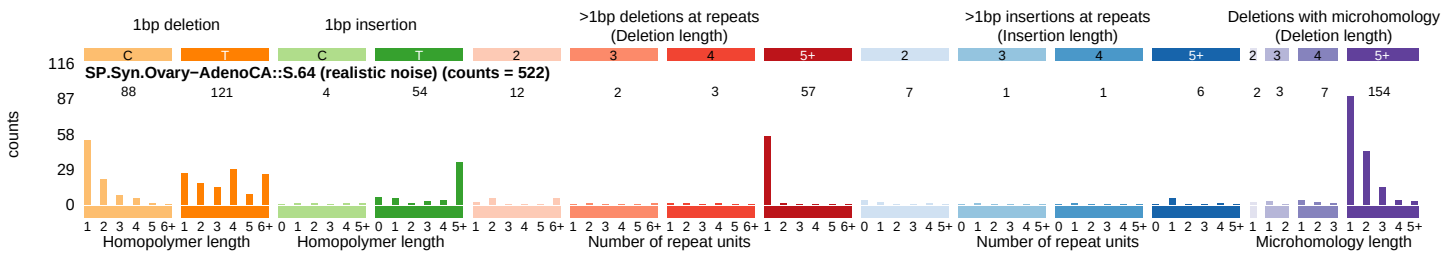
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.63 (realistic noise) (counts = 988)
50 166 8 118 13 11 5 104 6 3 4 10 2 6 14 468
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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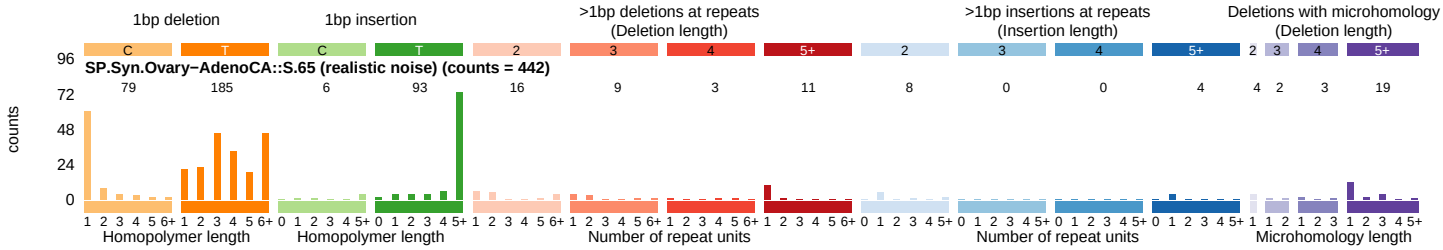
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.64 (realistic noise) (counts = 522)
88 121 4 54 12 2 3 57 7 1 1 6 2 3 7 154
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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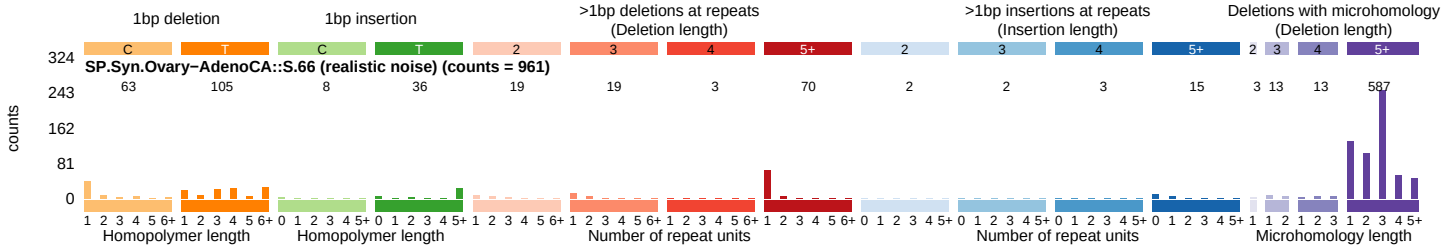
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.65 (realistic noise) (counts = 442)
79 185 6 93 16 9 3 11 8 0 0 4 4 2 3 19
counts
Homopolymer length
Number of repeat units
Microhomology length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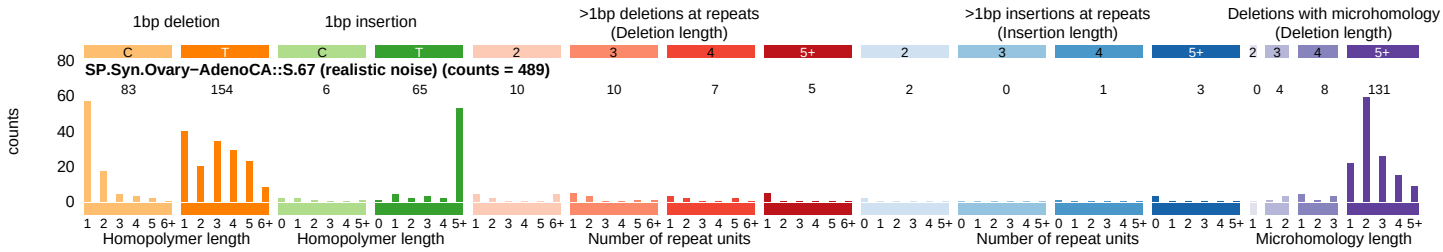
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.66 (realistic noise) (counts = 961)
63 105 8 36 19 19 3 70 2 2 3 15 3 13 13 587
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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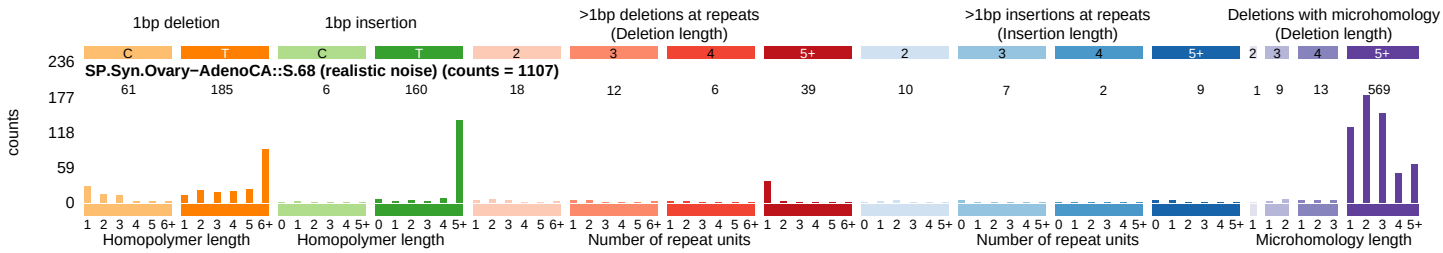
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.67 (realistic noise) (counts = 489)
83 154 6 65 10 10 7 5 2 0 1 3 0 4 8 131
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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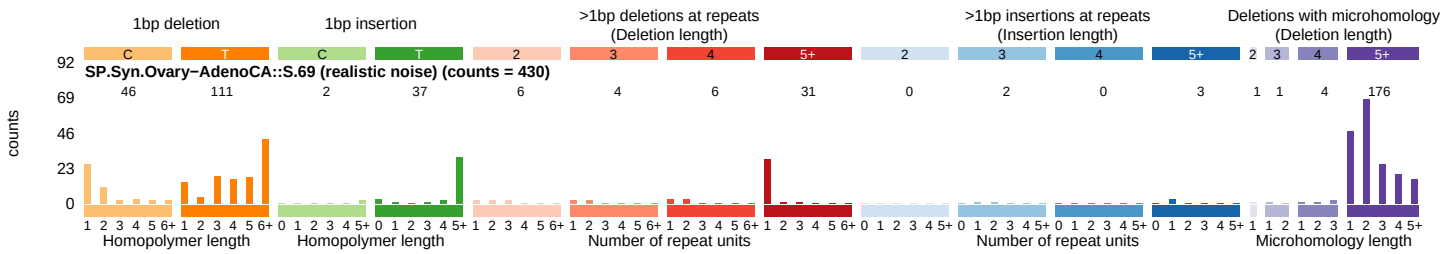
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.68 (realistic noise) (counts = 1107)
61 185 6 160 18 12 6 39 10 7 2 9 1 9 13 569
counts
Homopolymer length
Number of repeat units
Microhomology length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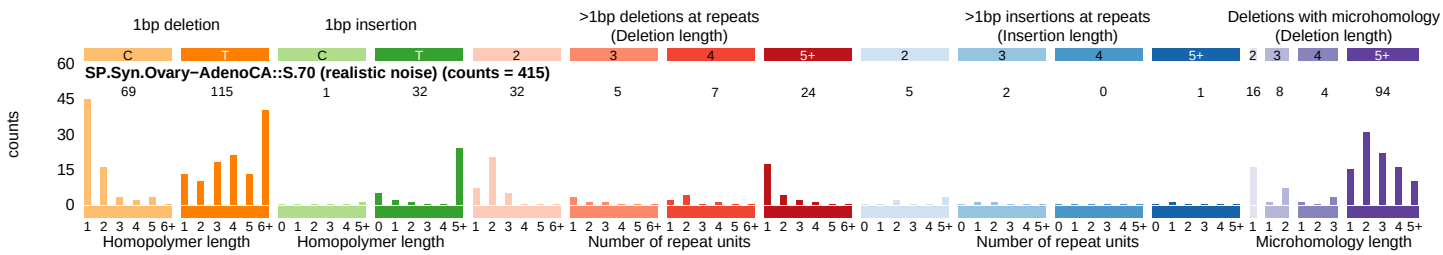
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.69 (realistic noise) (counts = 430)
46 111 2 37 6 4 6 31 0 2 0 3 1 1 4 176
counts
Homopolymer length
Number of repeat units
Microhomology length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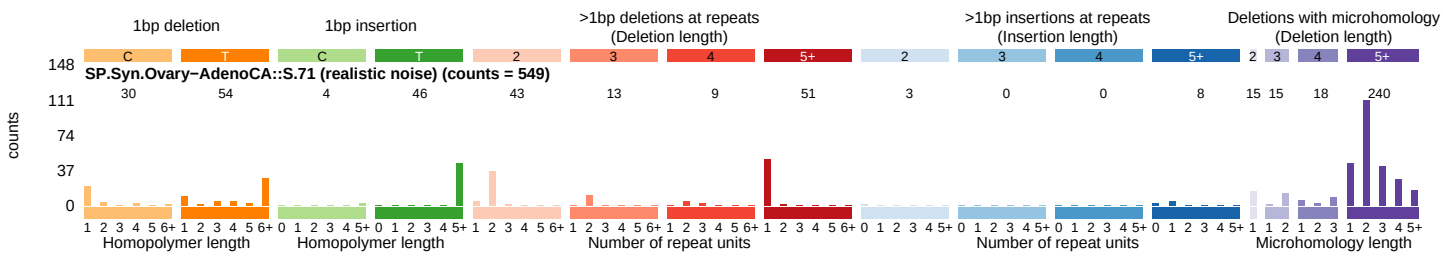
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.70 (realistic noise) (counts = 415)
69 115 1 32 32 5 7 24 5 2 0 1 16 8 4 94
counts
Homopolymer length
Number of repeat units
Microhomology length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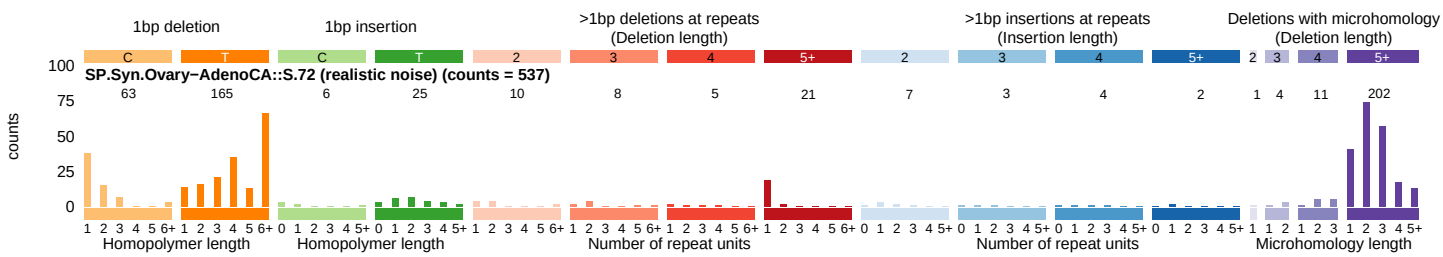
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.71 (realistic noise) (counts = 549)
30 54 4 46 43 13 9 51 3 0 0 8 15 15 18 240
counts
Homopolymer length
Number of repeat units
Microhomology length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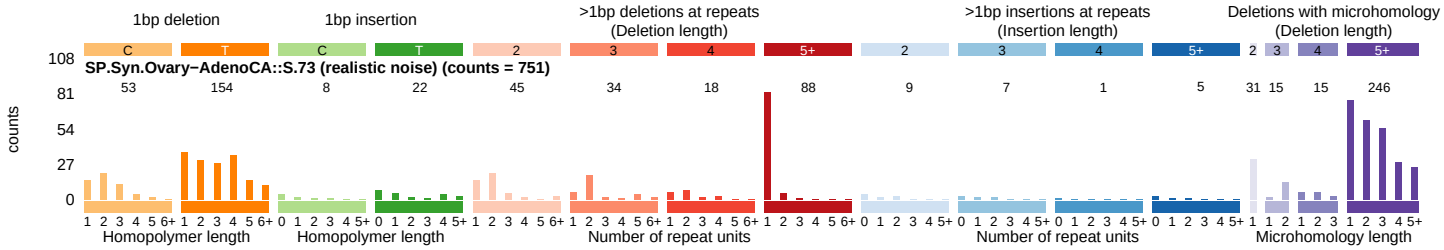
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.72 (realistic noise) (counts = 537)
63 165 6 25 10 8 5 21 7 3 4 2 1 4 11 202
counts
Homopolymer length
Number of repeat units
Microhomology length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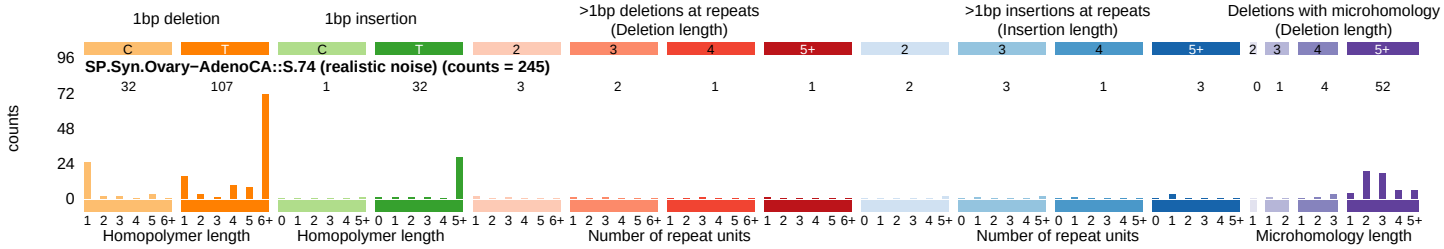
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.73 (realistic noise) (counts = 751)
counts
Homopolymer length
Number of repeat units
Microhomology length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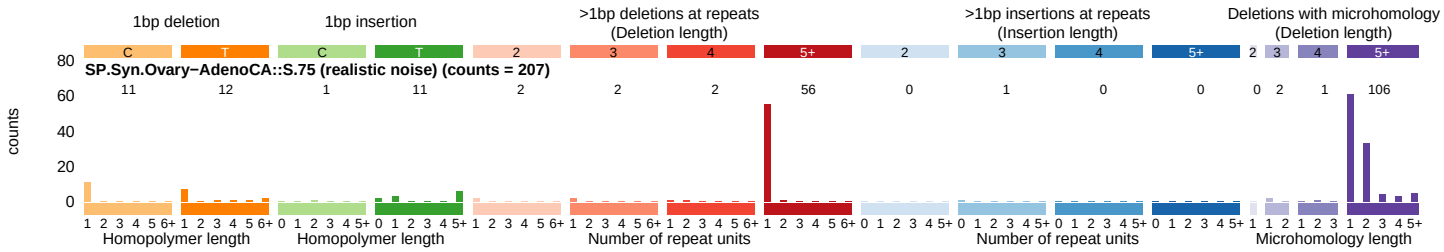
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.74 (realistic noise) (counts = 245)
counts
Homopolymer length
Number of repeat units
Microhomology length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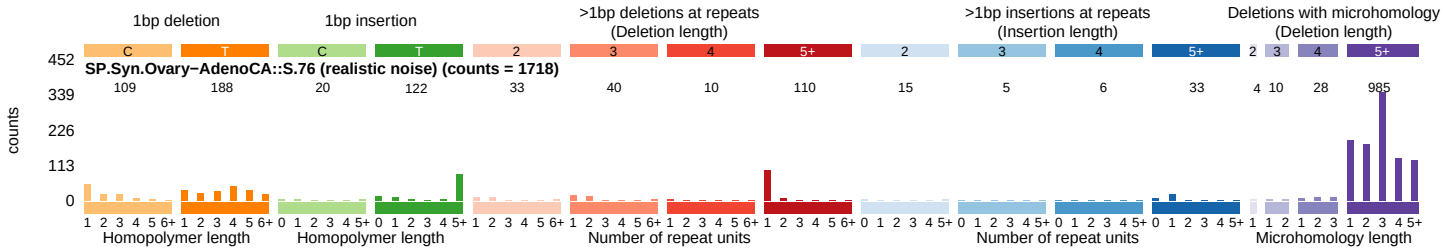
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.75 (realistic noise) (counts = 207)
counts
Homopolymer length
Number of repeat units
Microhomology length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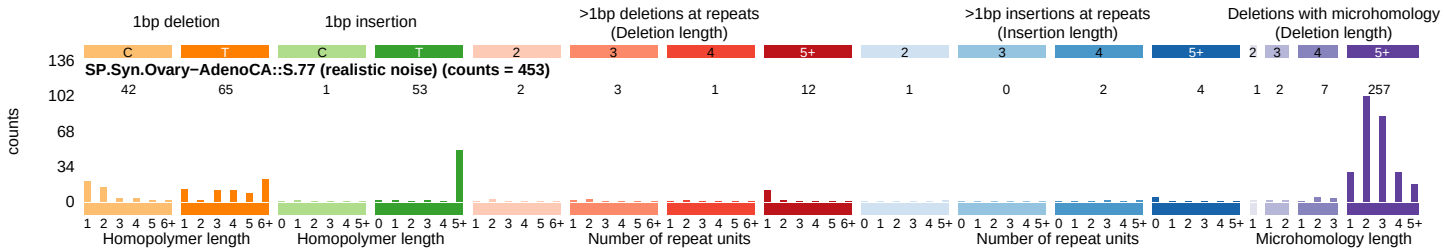
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.76 (realistic noise) (counts = 1718)
counts
Homopolymer length
Number of repeat units
Microhomology length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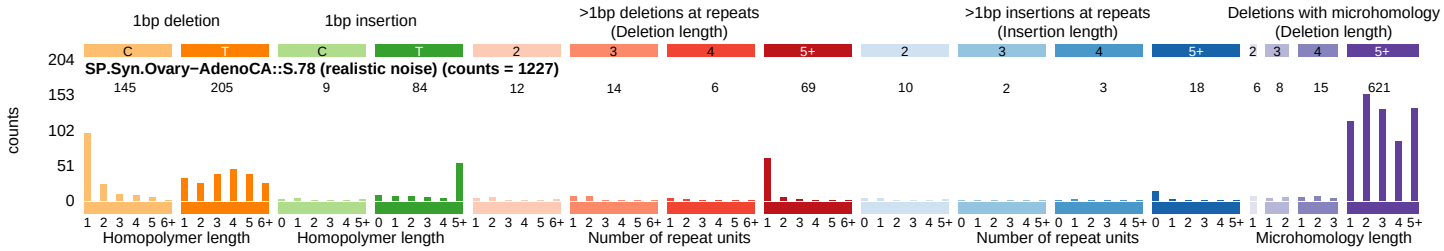
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.77 (realistic noise) (counts = 453)
counts
Homopolymer length
Number of repeat units
Microhomology length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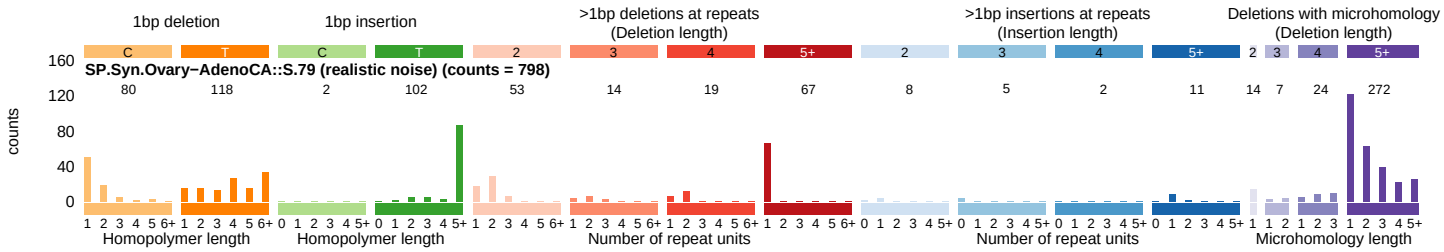
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.78 (realistic noise) (counts = 1227)
counts
Homopolymer length
Number of repeat units
Microhomology length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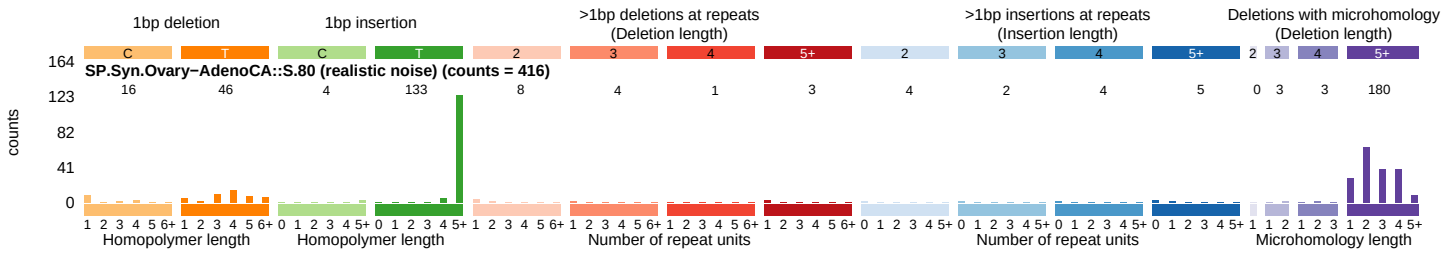
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.79 (realistic noise) (counts = 798)
counts
Homopolymer length
Number of repeat units
Microhomology length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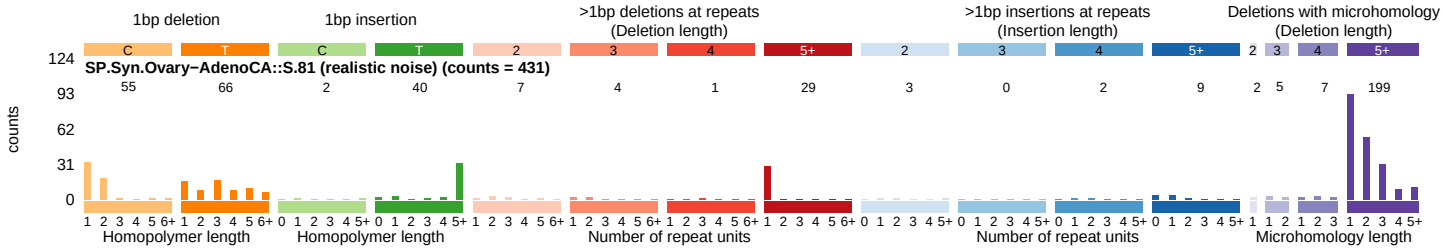
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.80 (realistic noise) (counts = 416)
counts
Homopolymer length
Number of repeat units
Microhomology length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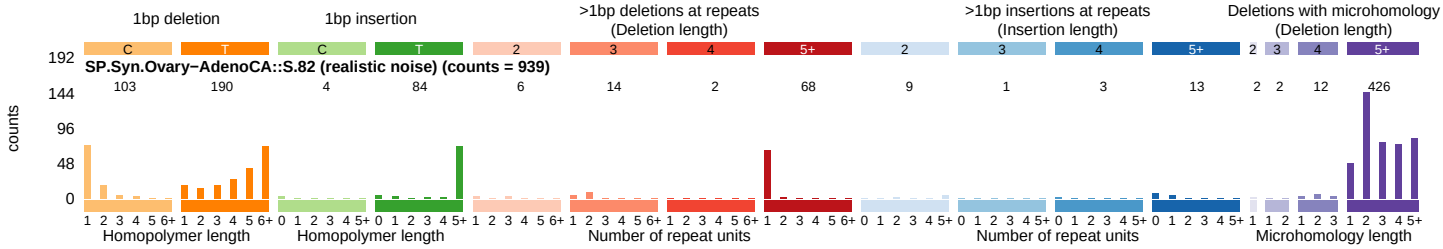
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.81 (realistic noise) (counts = 431)
55 66 2 40 7 4 1 29 3 0 2 9 2 5 7 199
counts
Homopolymer length
Number of repeat units
Microhomology length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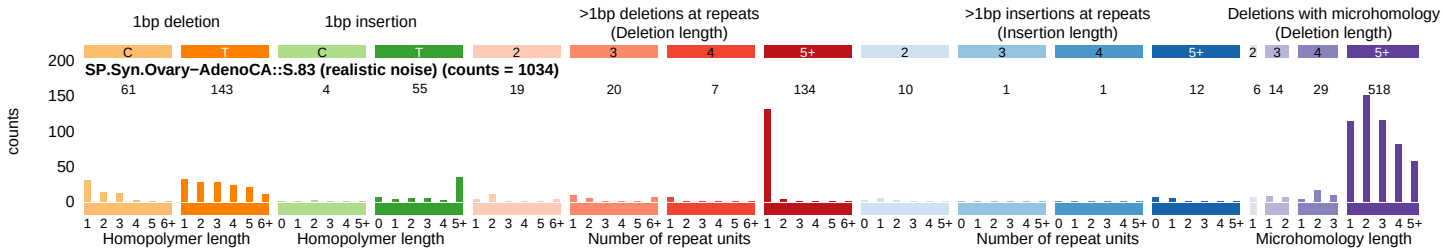
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.82 (realistic noise) (counts = 939)
103 190 4 84 6 14 2 68 9 1 3 13 2 2 12 426
counts
Homopolymer length
Number of repeat units
Microhomology length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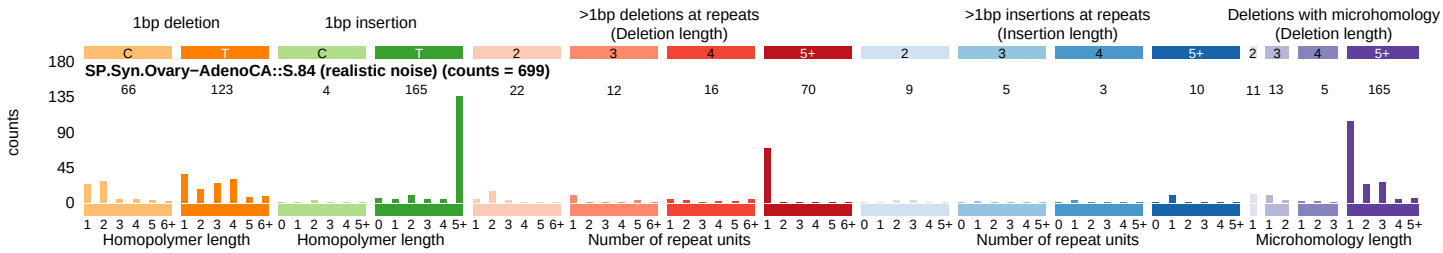
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.83 (realistic noise) (counts = 1034)
61 143 4 55 19 20 7 134 10 1 1 12 6 14 29 518
counts
Homopolymer length
Number of repeat units
Microhomology length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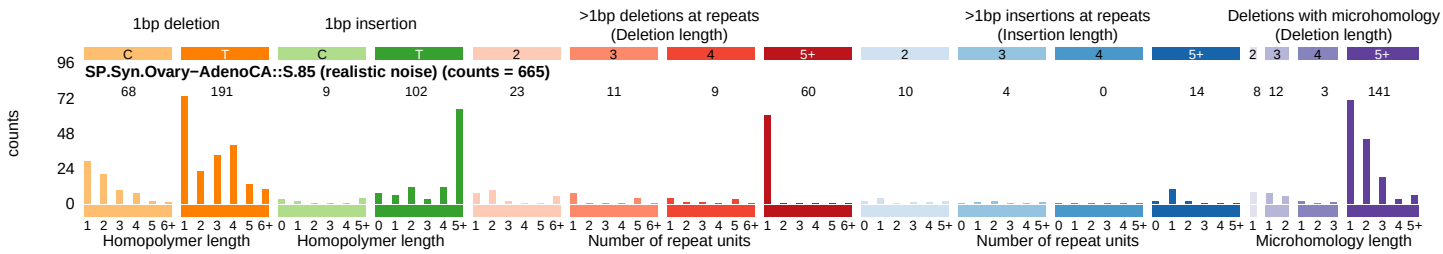
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.84 (realistic noise) (counts = 699)
66 123 4 165 22 12 16 70 9 5 3 10 11 13 5 165
counts
Homopolymer length
Number of repeat units
Microhomology length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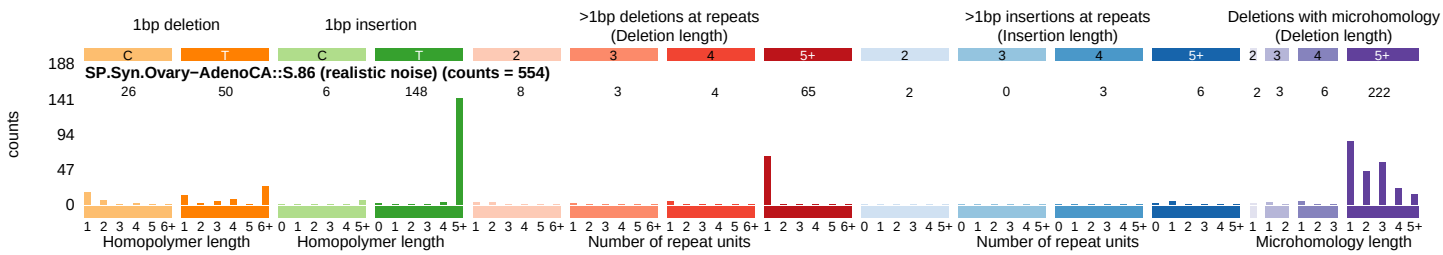
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.85 (realistic noise) (counts = 665)
68 191 9 102 23 11 9 60 10 4 0 14 8 12 3 141
counts
Homopolymer length
Number of repeat units
Microhomology length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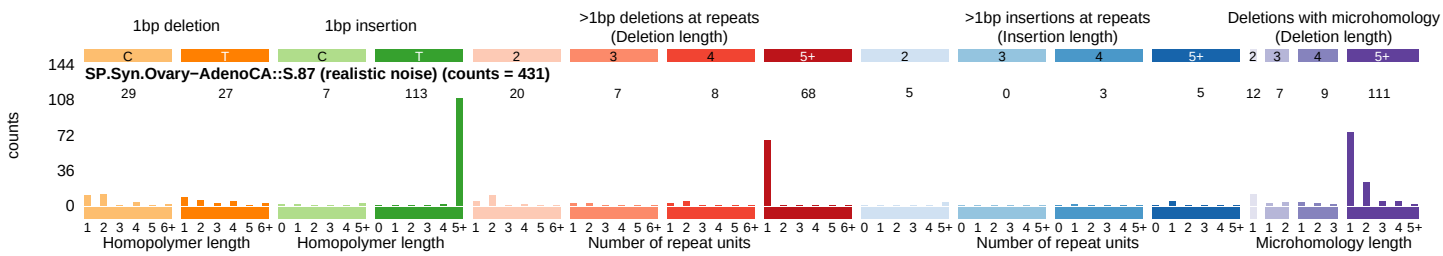
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.86 (realistic noise) (counts = 554)
26 50 6 148 8 3 4 65 2 0 3 6 2 3 6 222
counts
Homopolymer length
Number of repeat units
Microhomology length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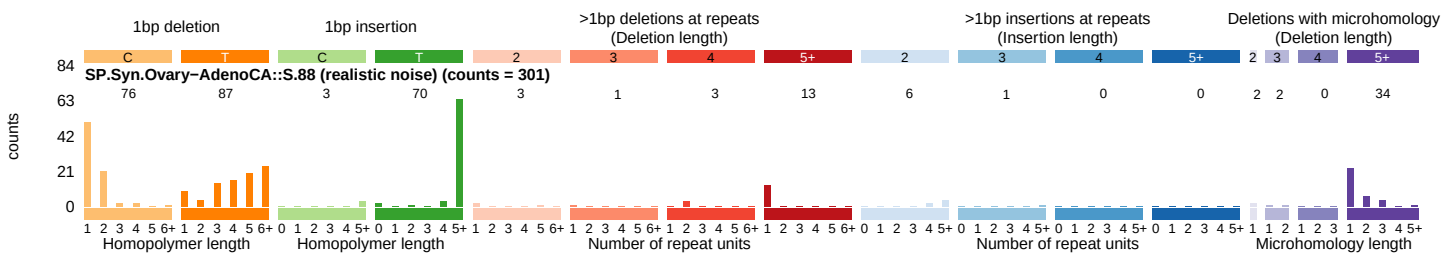
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.87 (realistic noise) (counts = 431)
29 27 7 113 20 7 8 68 5 0 3 5 12 7 9 111
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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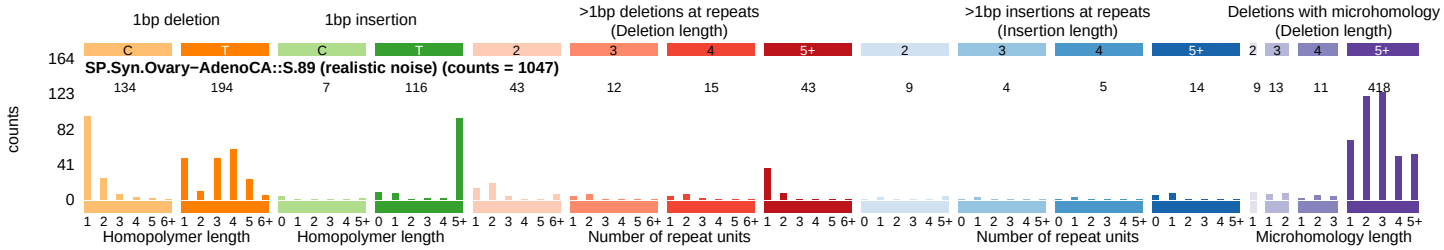
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.88 (realistic noise) (counts = 301)
76 87 3 70 3 1 3 13 6 1 0 0 2 2 0 34
counts
Homopolymer length
Number of repeat units
Microhomology length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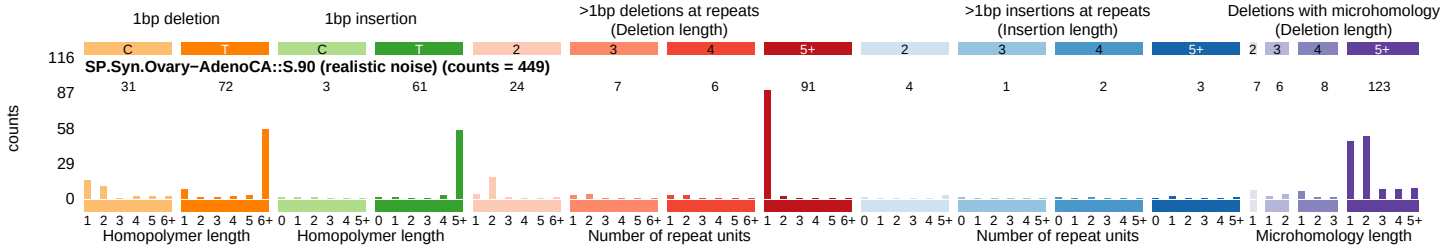
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.89 (realistic noise) (counts = 1047)
134 194 7 116 43 12 15 43 9 4 5 14 9 13 11 418
counts
Homopolymer length
Number of repeat units
Microhomology length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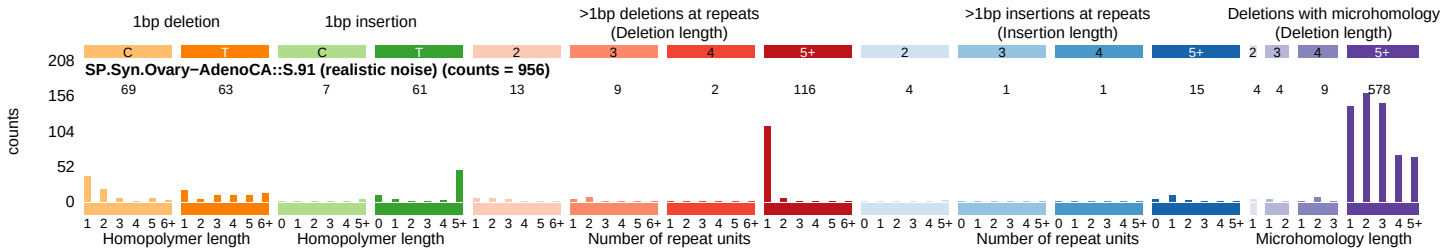
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.90 (realistic noise) (counts = 449)
31 72 3 61 24 7 6 91 4 1 2 3 7 6 8 123
counts
Homopolymer length
Number of repeat units
Microhomology length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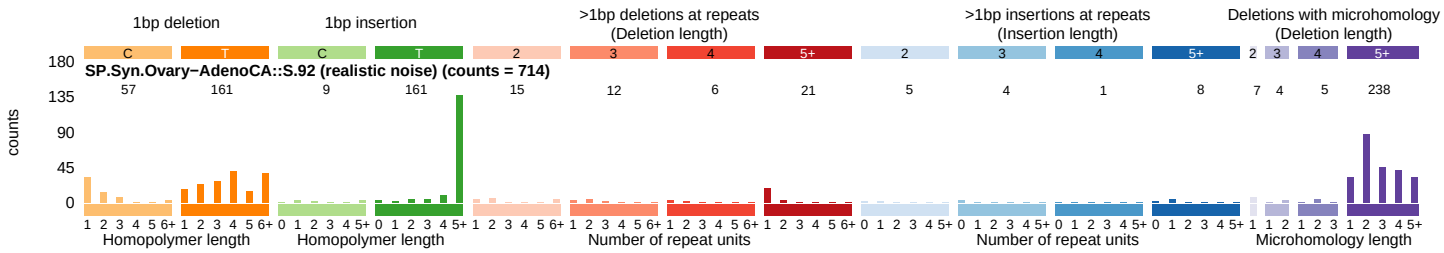
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.91 (realistic noise) (counts = 956)
69 63 7 61 13 9 2 116 4 1 1 15 4 4 9 578
counts
Homopolymer length
Number of repeat units
Microhomology length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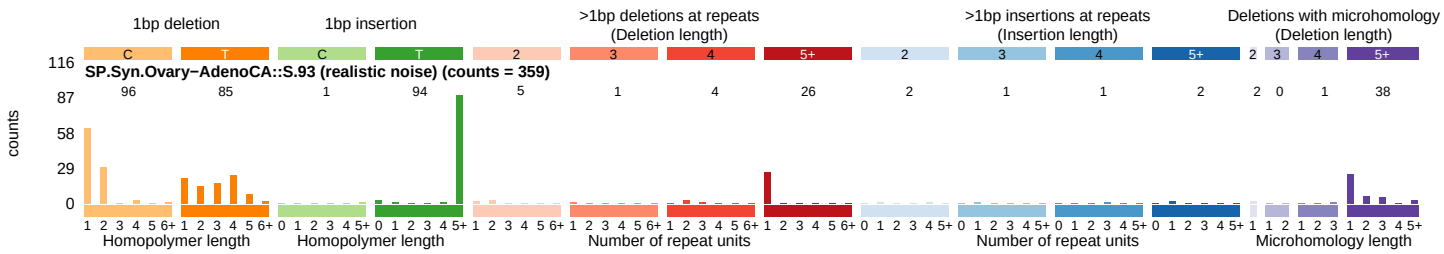
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.92 (realistic noise) (counts = 714)
57 161 9 161 15 12 6 21 5 4 1 8 7 4 5 238
counts
Homopolymer length
Number of repeat units
Microhomology length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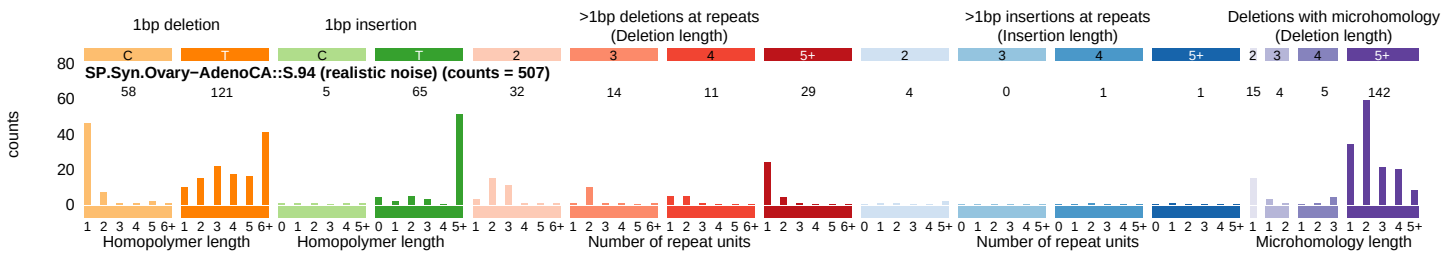
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.93 (realistic noise) (counts = 359)
96 85 1 94 5 1 4 26 2 1 1 2 2 0 1 38
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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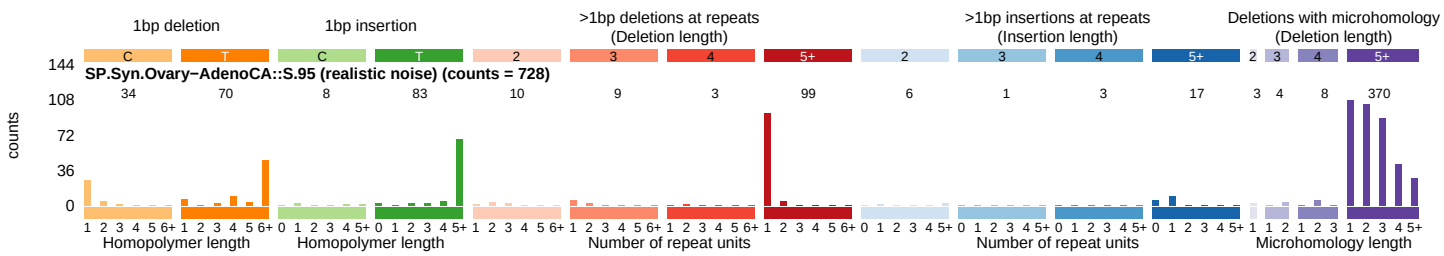
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.94 (realistic noise) (counts = 507)
58 121 5 65 32 14 11 29 4 0 1 1 15 4 5 142
counts
Homopolymer length
Number of repeat units
Microhomology length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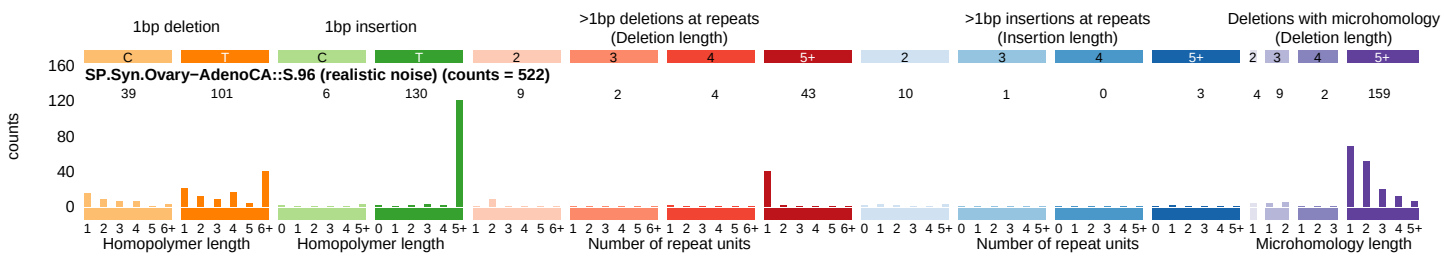
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.95 (realistic noise) (counts = 728)
34 70 8 83 10 9 3 99 6 1 3 17 3 4 8 370
counts
Homopolymer length
Number of repeat units
Microhomology length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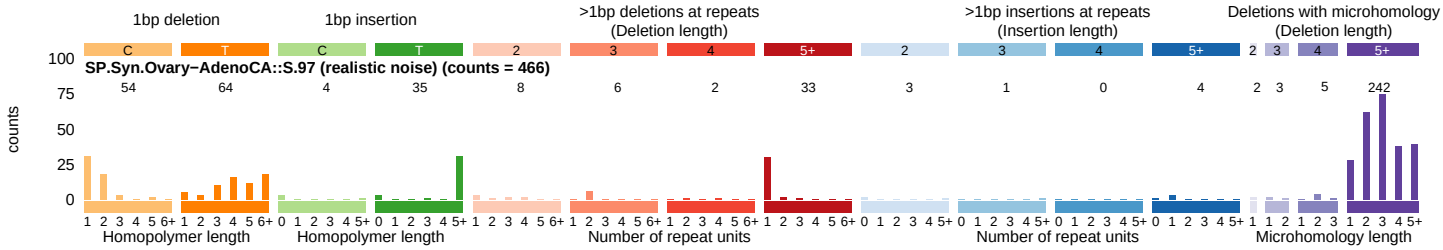
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.96 (realistic noise) (counts = 522)
39 101 6 130 9 2 4 43 10 1 0 3 4 9 2 159
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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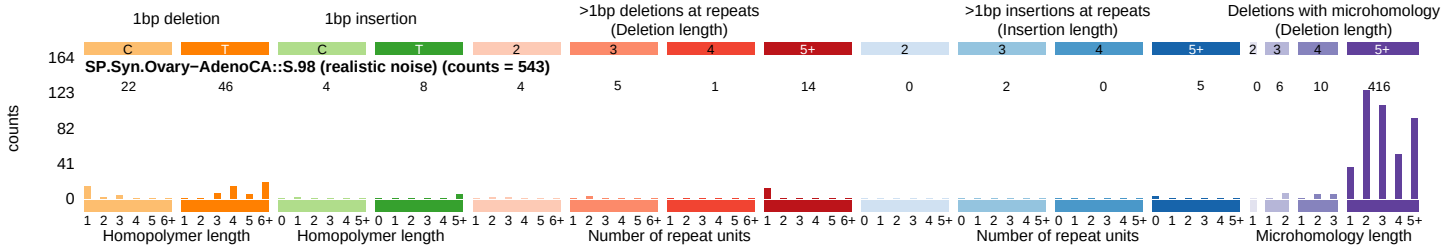
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.97 (realistic noise) (counts = 466)
54 64 4 35 8 6 2 33 3 1 0 4 2 3 5 242
counts
Homopolymer length
Number of repeat units
Microhomology length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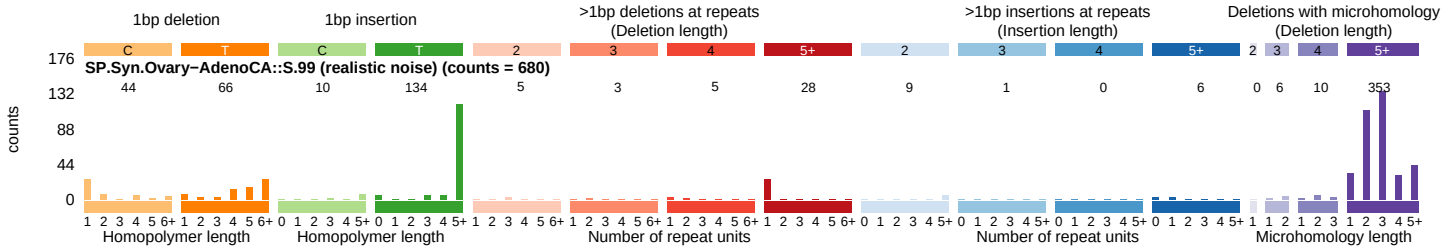
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.98 (realistic noise) (counts = 543)
22 46 4 8 4 5 1 14 0 2 0 5 0 6 10 416
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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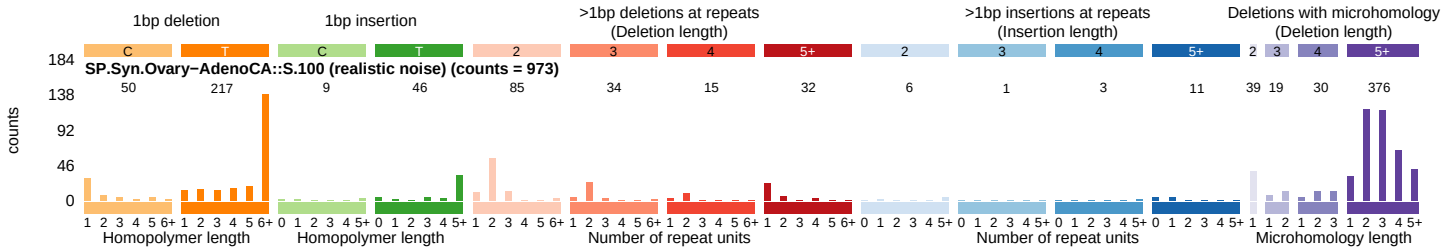
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.99 (realistic noise) (counts = 680)
44 66 10 134 5 3 5 28 9 1 0 6 0 6 10 353
counts
Homopolymer length
Number of repeat units
Microhomology length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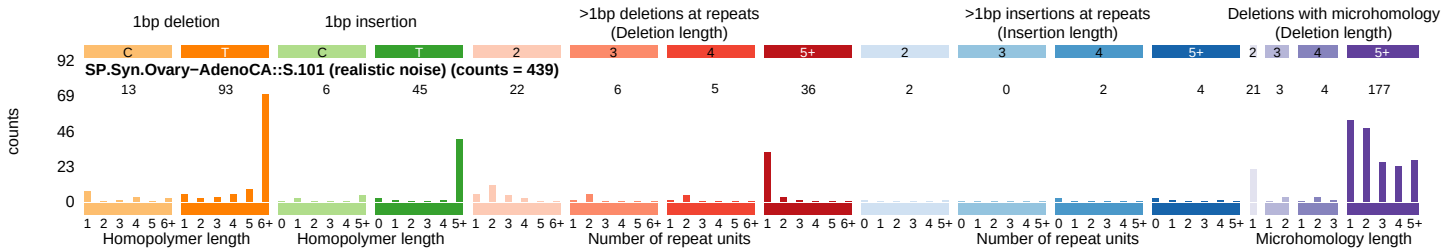
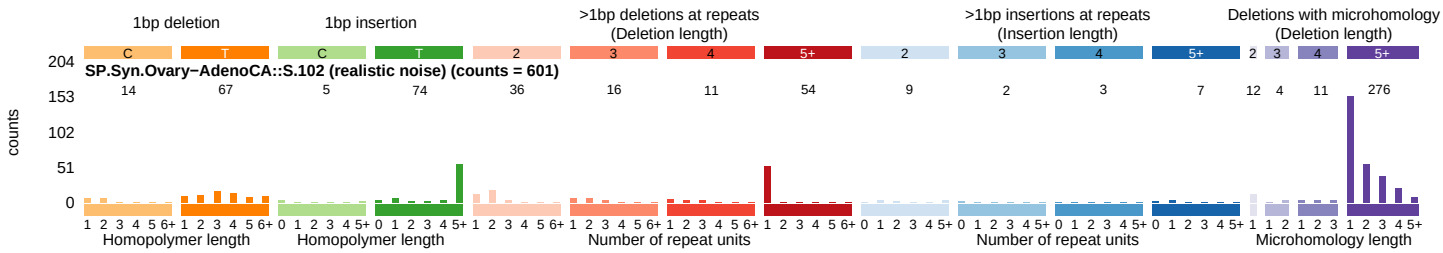
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.100 (realistic noise) (counts = 973)
50 217 9 46 85 34 15 32 6 1 3 11 39 19 30 376
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion 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.101 (realistic noise) (counts = 439)
13 93 6 45 22 6 5 36 2 0 2 4 21 3 4 177
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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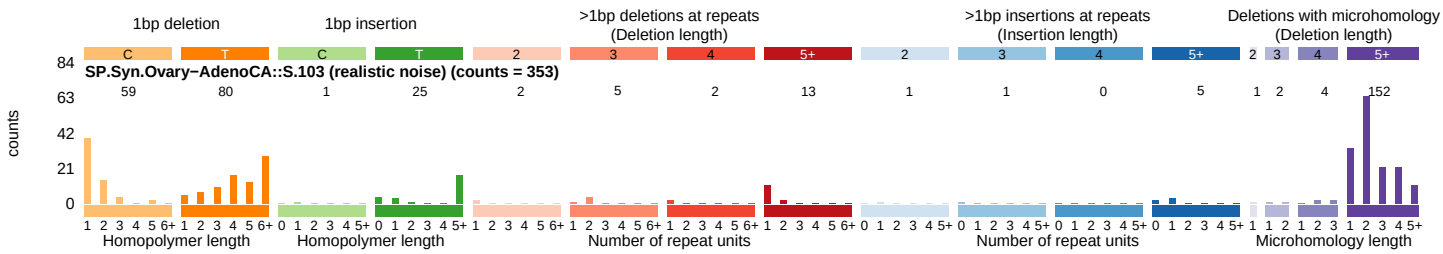
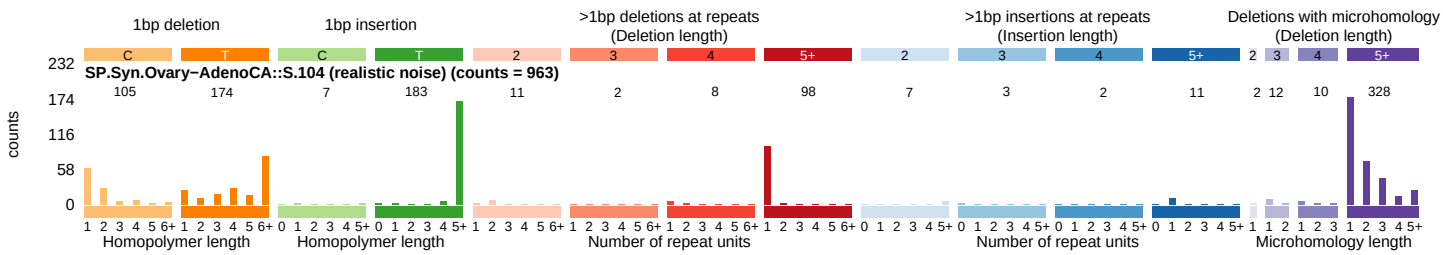
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.102 (realistic noise) (counts = 601)
14 67 5 74 36 16 11 54 9 2 3 7 12 4 11 276
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion 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.103 (realistic noise) (counts = 353)
59 80 1 25 2 5 2 13 1 1 0 5 1 2 4 152
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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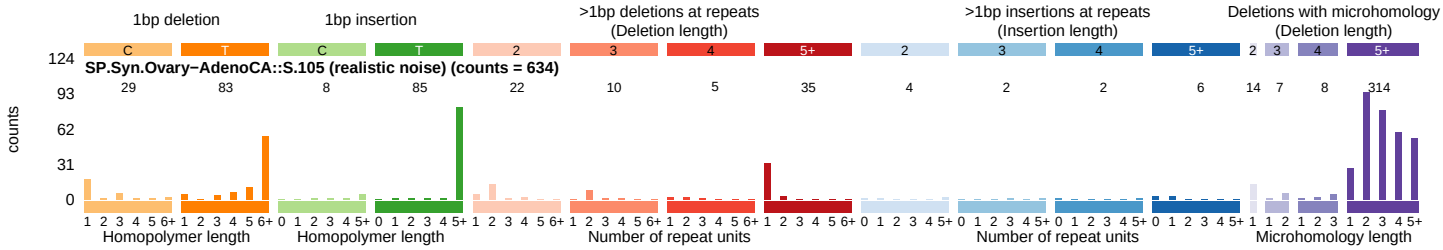
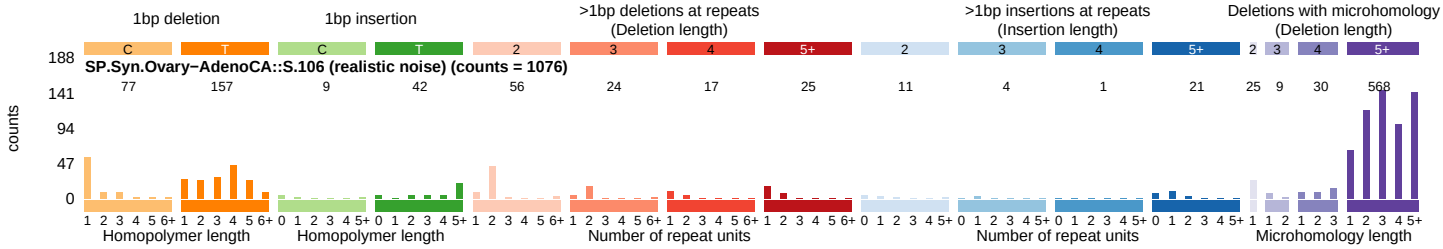
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.104 (realistic noise) (counts = 963)
105 174 7 183 11 2 8 98 7 3 2 11 2 12 10 328
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.105 (realistic noise) (counts = 634)
29 83 8 85 22 10 5 35 4 2 2 6 14 7 8 314
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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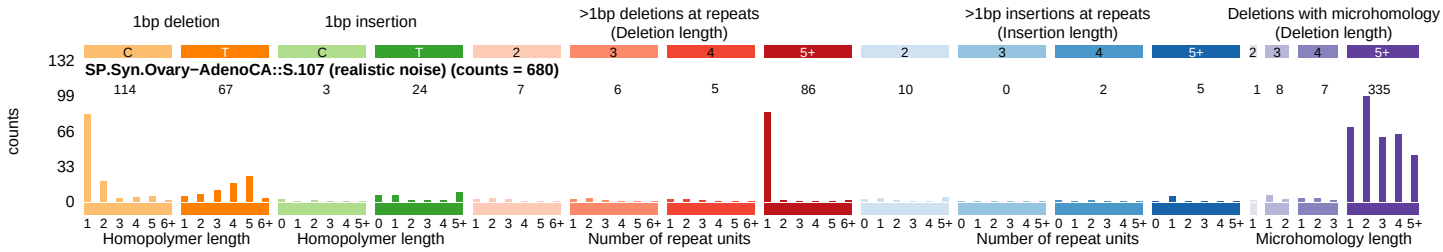
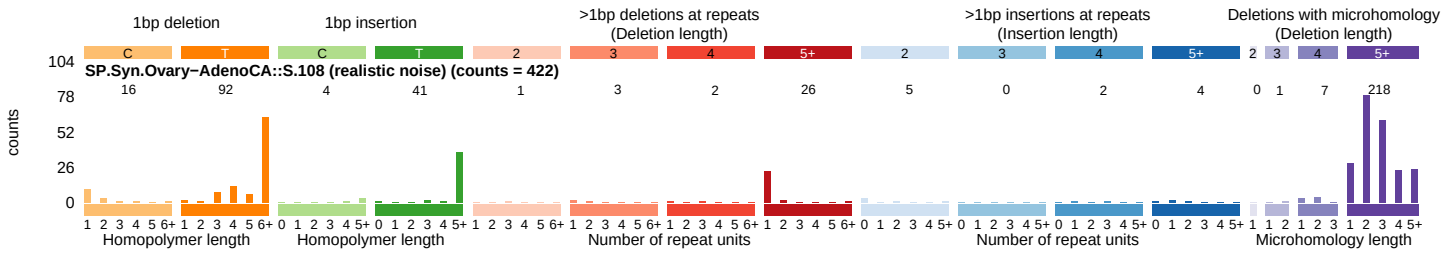
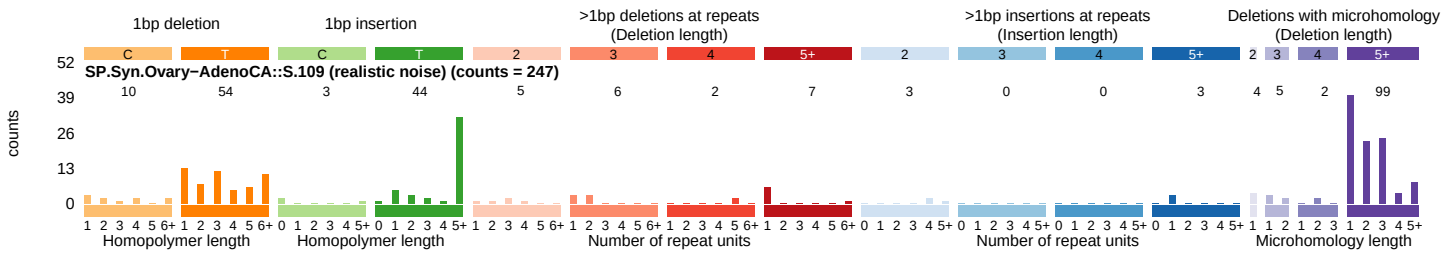
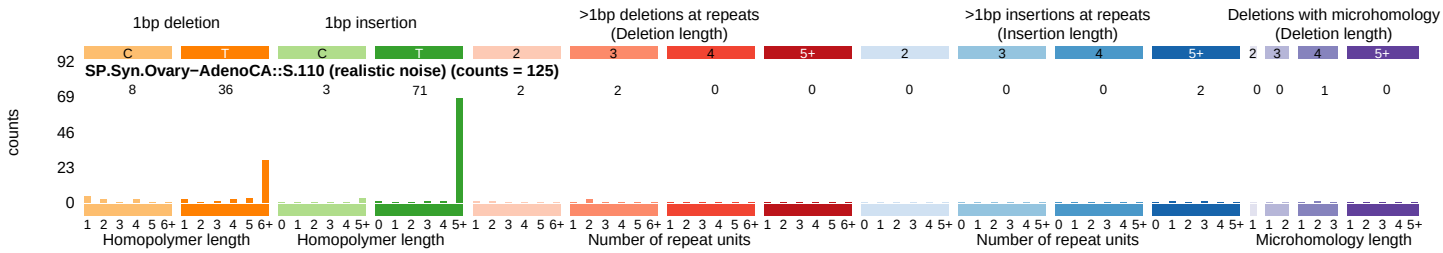
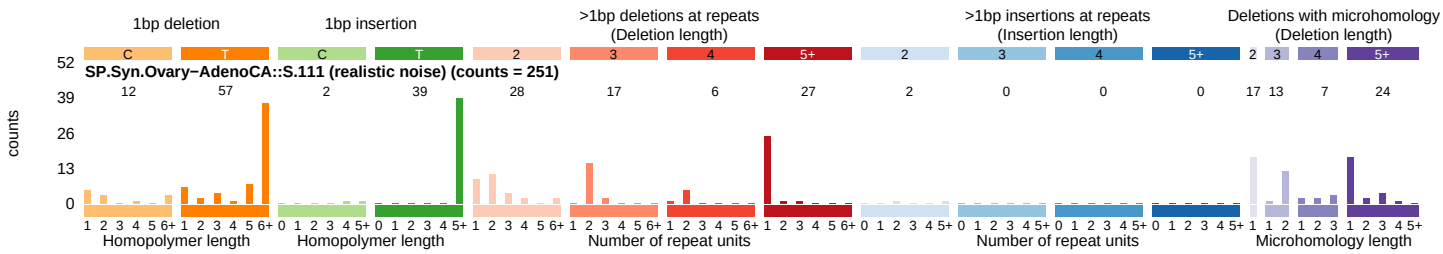
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.106 (realistic noise) (counts = 1076)
77 157 9 42 56 24 17 25 11 4 1 21 25 9 30 568
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

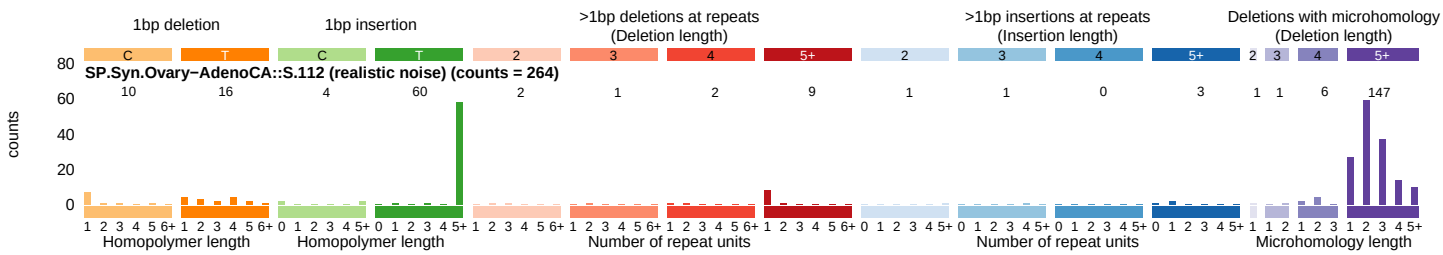

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.107 (realistic noise) (counts = 680)
114 67 3 24 7 6 5 86 10 0 2 5 1 8 7 335
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

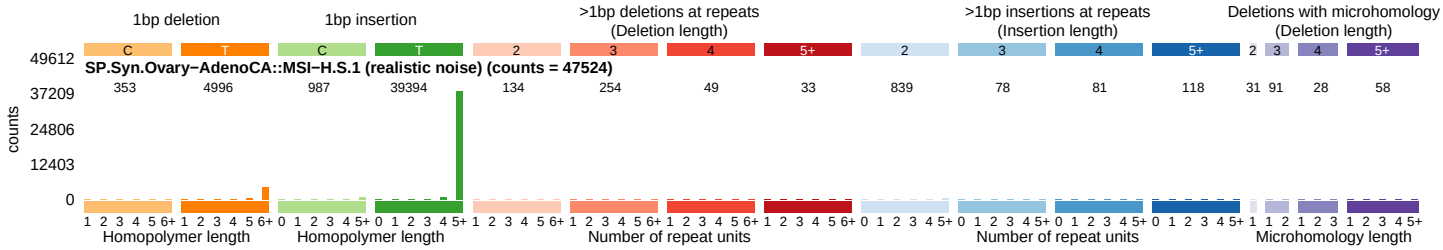

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.108 (realistic noise) (counts = 422)
16 92 4 41 1 3 2 26 5 0 2 4 0 1 7 218
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

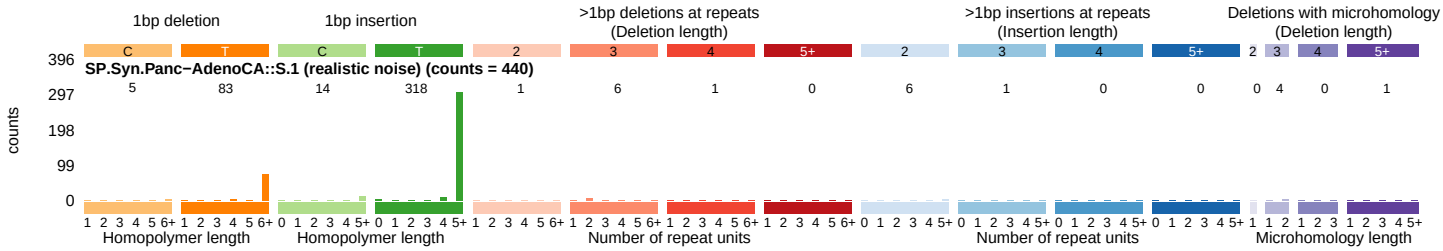

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.109 (realistic noise) (counts = 247)
10 54 3 44 5 6 2 7 3 0 0 3 4 5 2 99
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

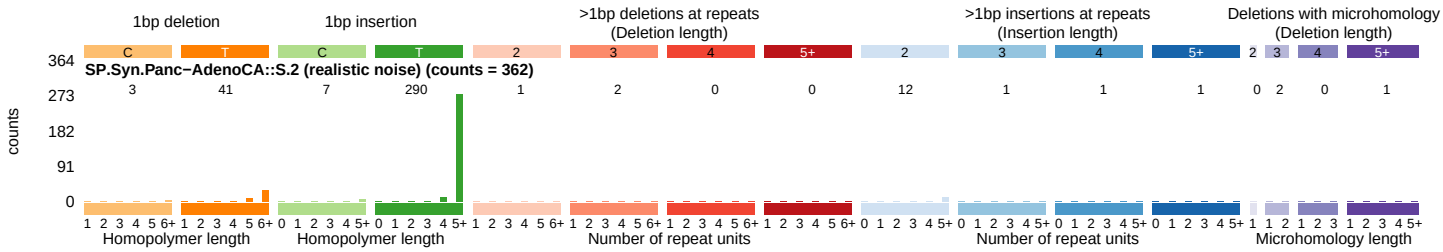

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.110 (realistic noise) (counts = 125)
8 36 3 71 2 2 0 0 0 0 0 2 0 0 1 0
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

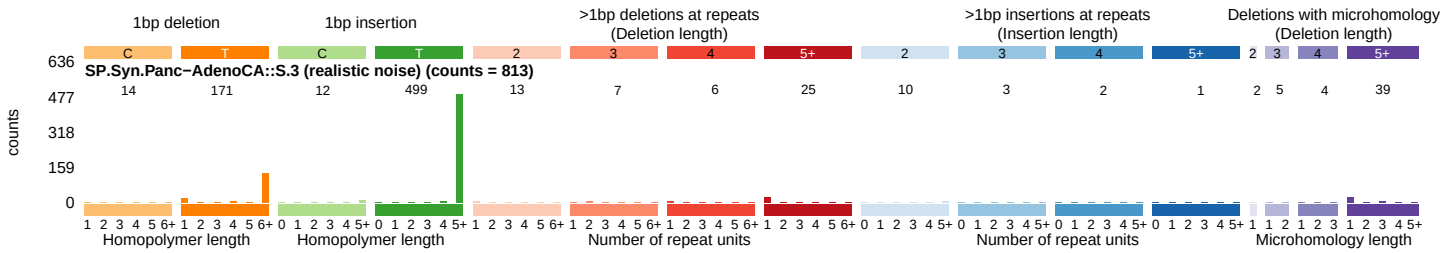

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.111 (realistic noise) (counts = 251)
12 57 2 39 28 17 6 27 2 0 0 0 17 13 7 24
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

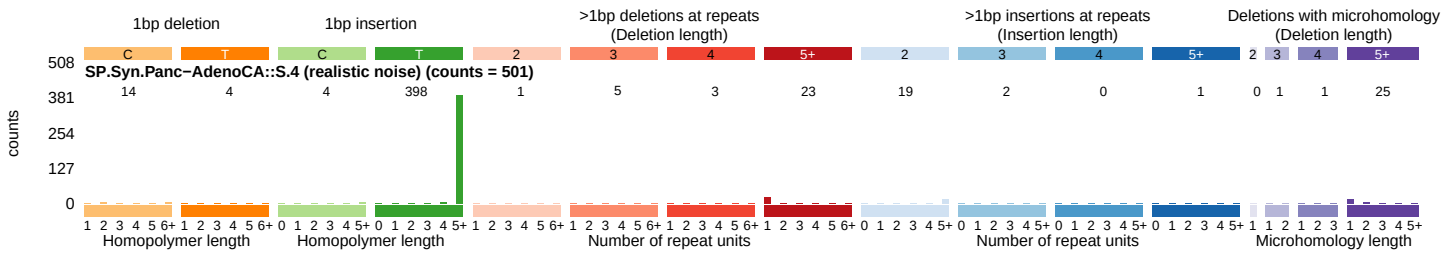

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.112 (realistic noise) (counts = 264)
10 16 4 60 2 1 2 9 1 1 0 3 1 1 6 147
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

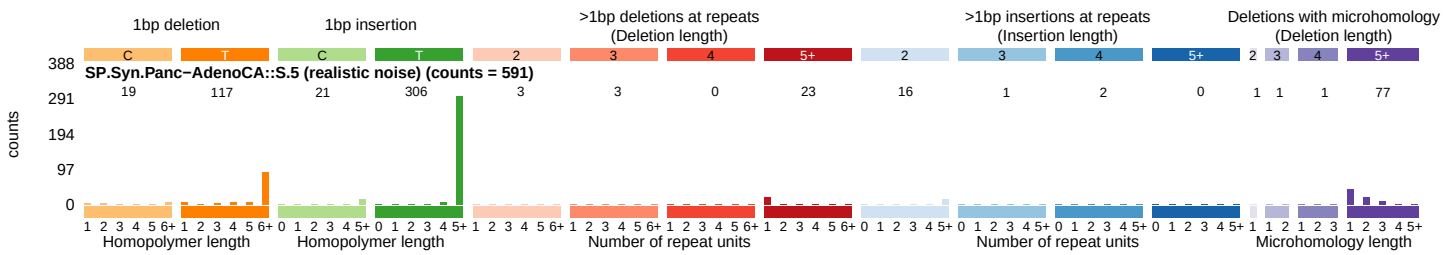

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::MSI−H.S.1 (realistic noise) (counts = 47524)
353 4996 987 39394 134 254 49 33 839 78 81 118 31 91 28 58
counts
49612 37209 24806 12403 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

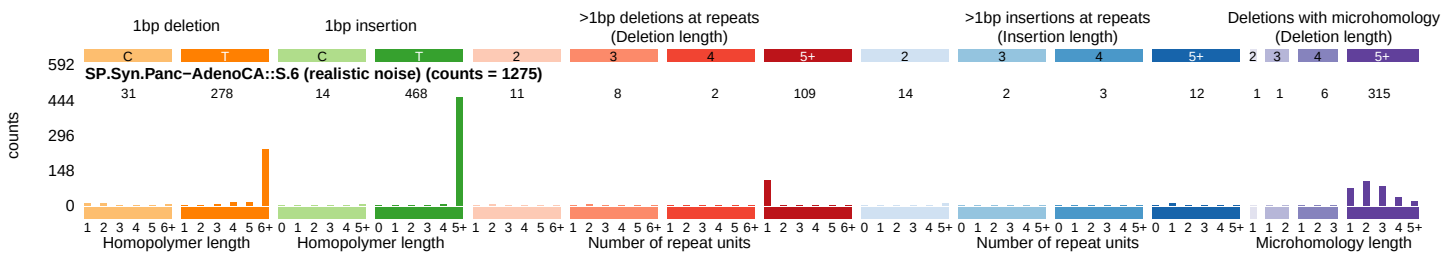

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.1 (realistic noise) (counts = 440)
5 83 14 318 1 6 1 0 6 1 0 0 0 4 0 1
counts
396 297 198 99 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

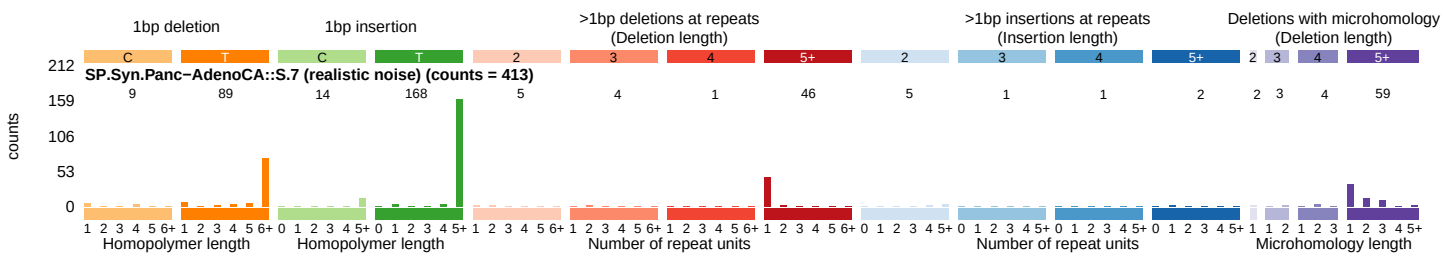

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.2 (realistic noise) (counts = 362)
3 41 7 290 1 2 0 0 12 1 1 1 0 2 0 1
counts
364 273 182 91 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

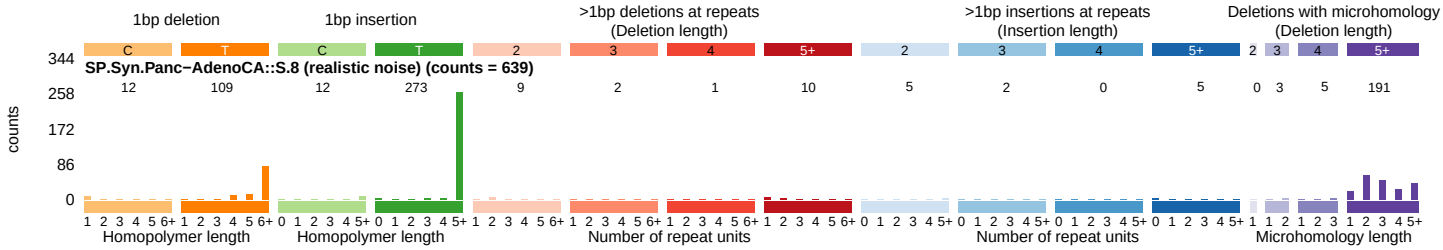

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.3 (realistic noise) (counts = 813)
14 171 12 499 13 7 6 25 10 3 2 1 2 5 4 39
counts
636 477 318 159 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

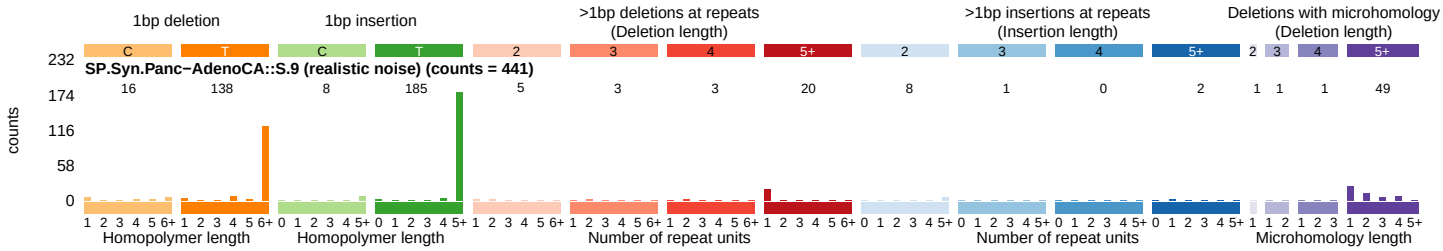

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.4 (realistic noise) (counts = 501)
14 4 4 398 1 5 3 23 19 2 0 1 0 1 1 25
counts
508 381 254 127 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

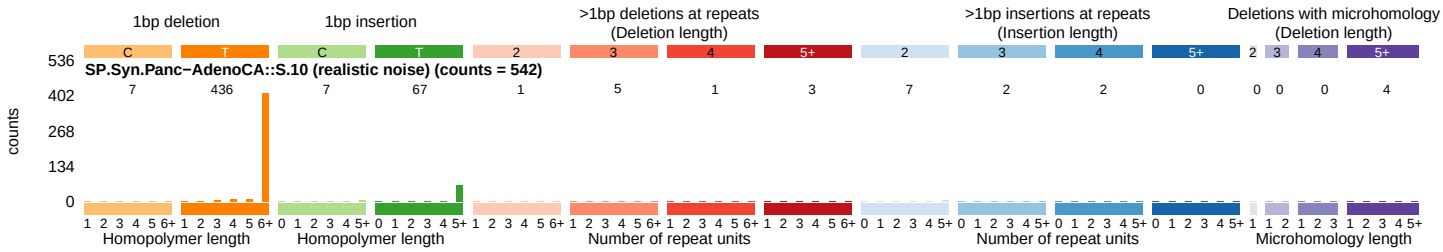

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.5 (realistic noise) (counts = 591)
19 117 21 306 3 3 0 23 16 1 2 0 1 1 1 77
counts
388 291 194 97 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

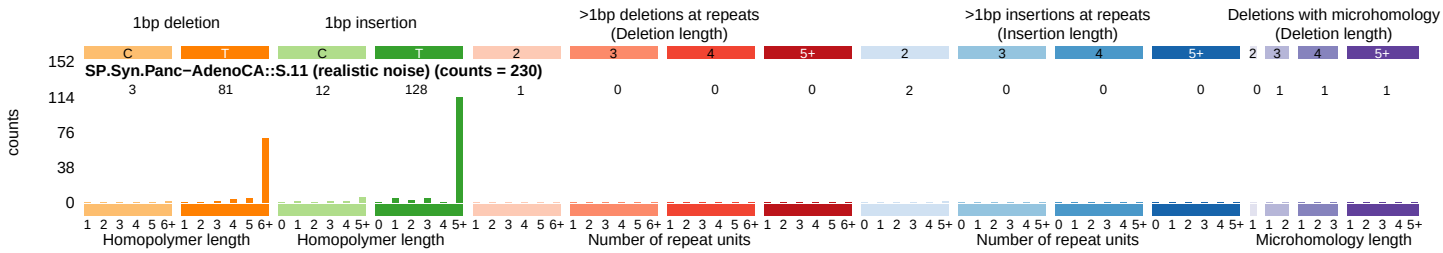

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.6 (realistic noise) (counts = 1275)
31 278 14 468 11 8 2 109 14 2 3 12 1 1 6 315
counts
592 444 296 148 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

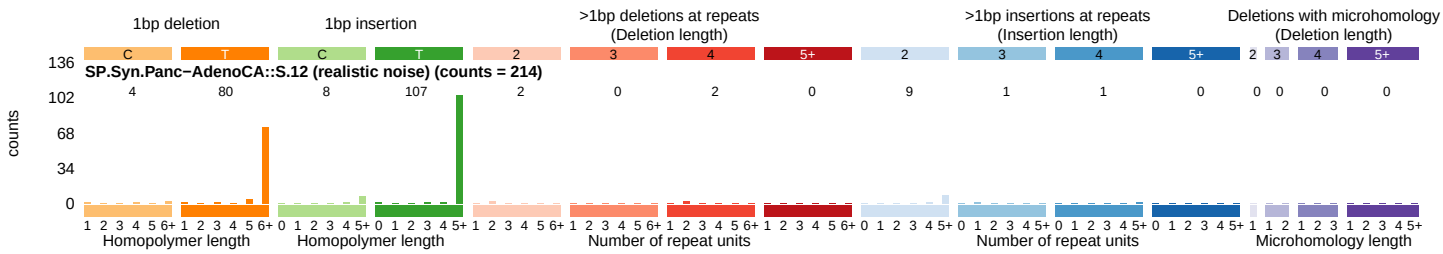

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.7 (realistic noise) (counts = 413)
9 89 14 168 5 4 1 46 5 1 1 2 2 3 4 59
counts
212 159 106 53 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

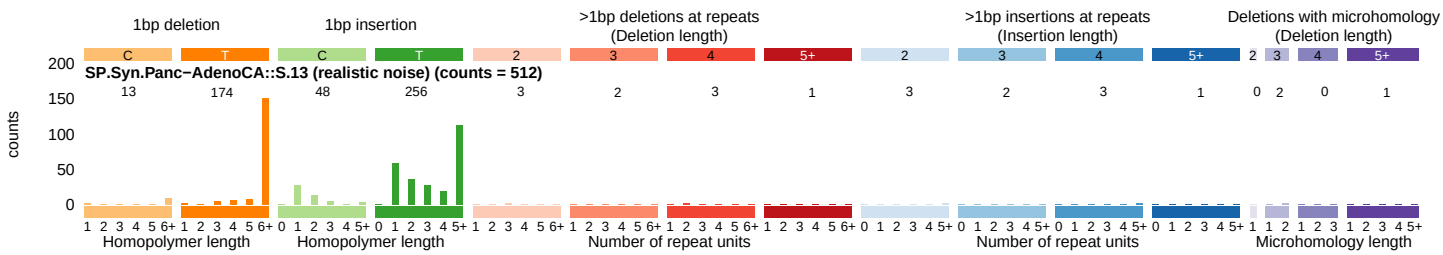

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.8 (realistic noise) (counts = 639)
counts
Homopolymer length
Number of repeat units
Microhomology length

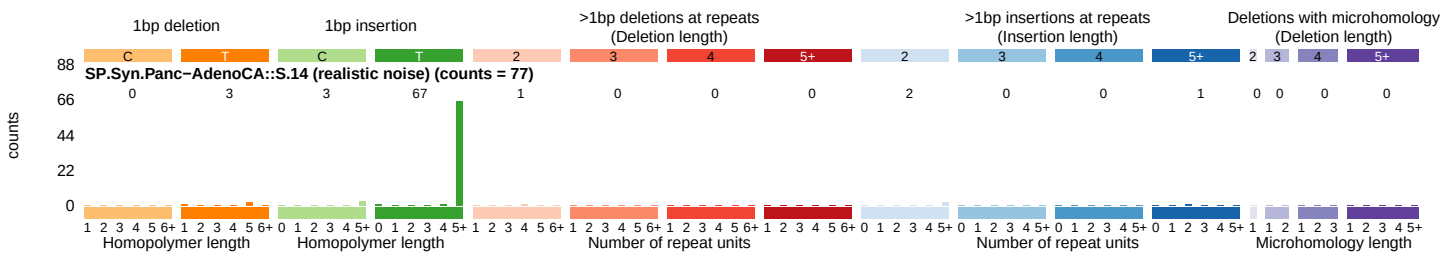

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.9 (realistic noise) (counts = 441)
counts
Homopolymer length
Number of repeat units
Microhomology length

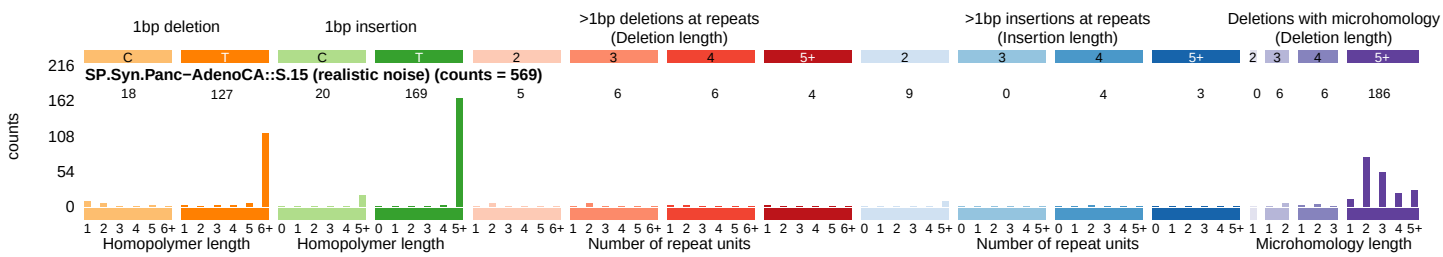

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.10 (realistic noise) (counts = 542)
counts
Homopolymer length
Number of repeat units
Microhomology length

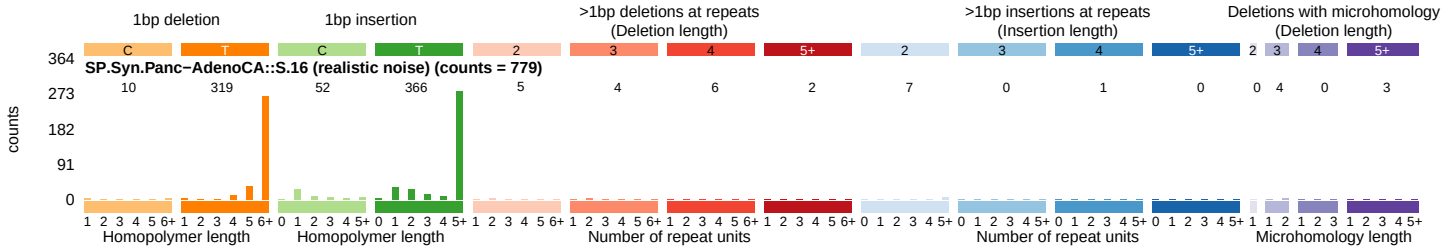

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.11 (realistic noise) (counts = 230)
counts
Homopolymer length
Number of repeat units
Microhomology length

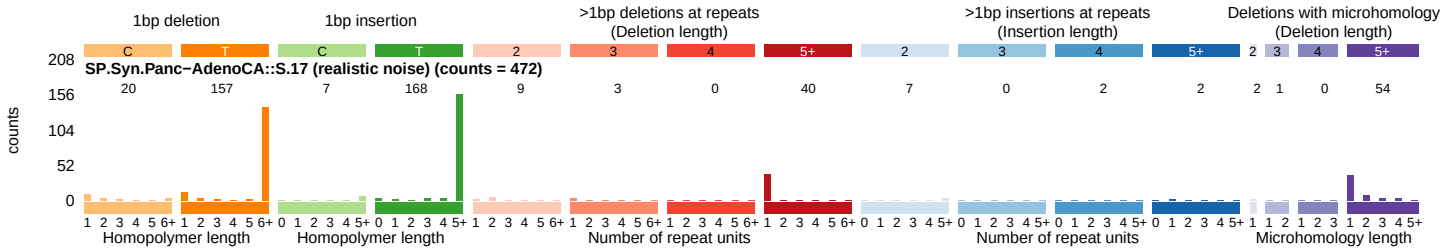

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.12 (realistic noise) (counts = 214)
counts
Homopolymer length
Number of repeat units
Microhomology length

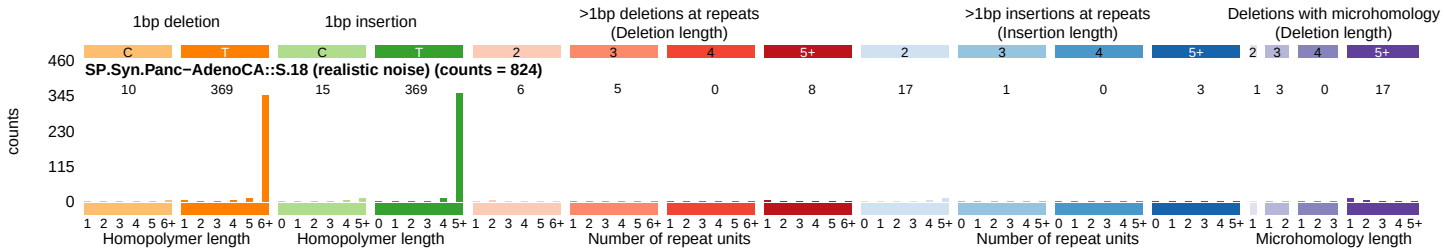

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.13 (realistic noise) (counts = 512)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.14 (realistic noise) (counts = 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.Panc−AdenoCA::S.15 (realistic 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.Panc−AdenoCA::S.16 (realistic noise) (counts = 779)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
10 319 52 366 5 4 6 2 7 0 1 0 0 4 0 3
counts
364 273 182 91 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.17 (realistic noise) (counts = 472)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
20 157 7 168 9 3 0 40 7 0 2 2 2 1 0 54
counts
208 156 104 52 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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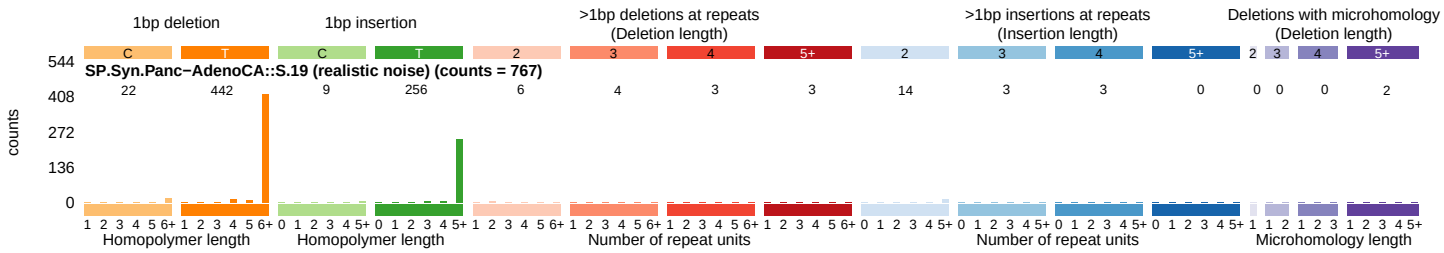
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.18 (realistic noise) (counts = 824)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
10 369 15 369 6 5 0 8 17 1 0 3 1 3 0 17
counts
460 345 230 115 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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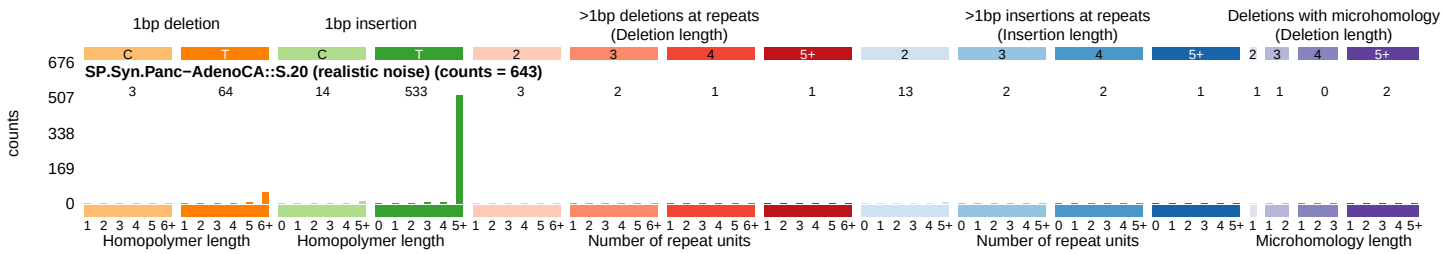
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.19 (realistic noise) (counts = 767)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
22 442 9 256 6 4 3 3 14 3 3 0 0 0 0 2
counts
544 408 272 136 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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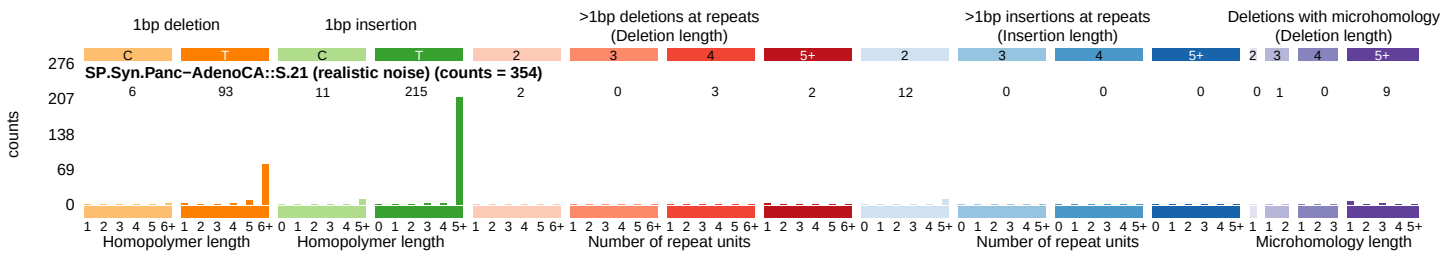
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.20 (realistic noise) (counts = 643)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
3 64 14 533 3 2 1 1 13 2 2 1 1 1 0 2
counts
676 507 338 169 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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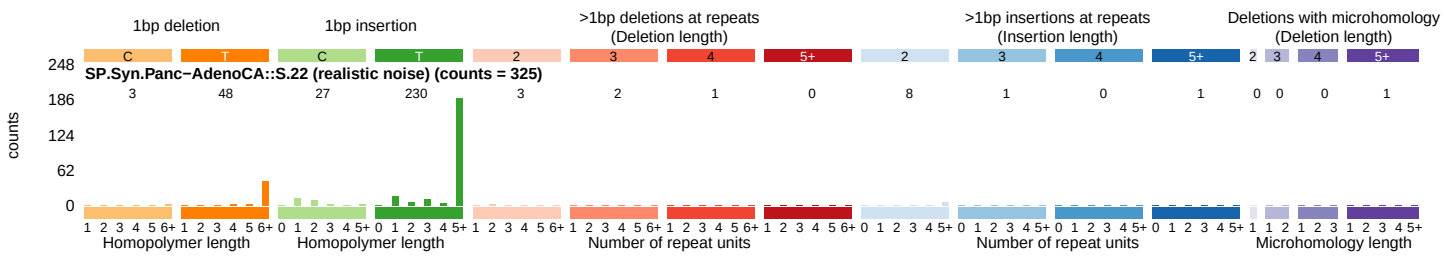
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.21 (realistic noise) (counts = 354)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
6 93 11 215 2 0 3 2 12 0 0 0 0 1 0 9
counts
276 207 138 69 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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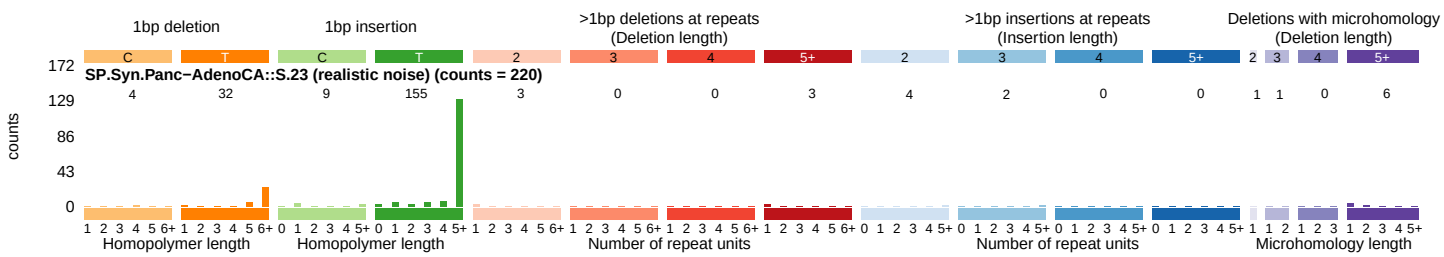
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.22 (realistic noise) (counts = 325)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
3 48 27 230 3 2 1 0 8 1 0 1 0 0 0 1
counts
248 186 124 62 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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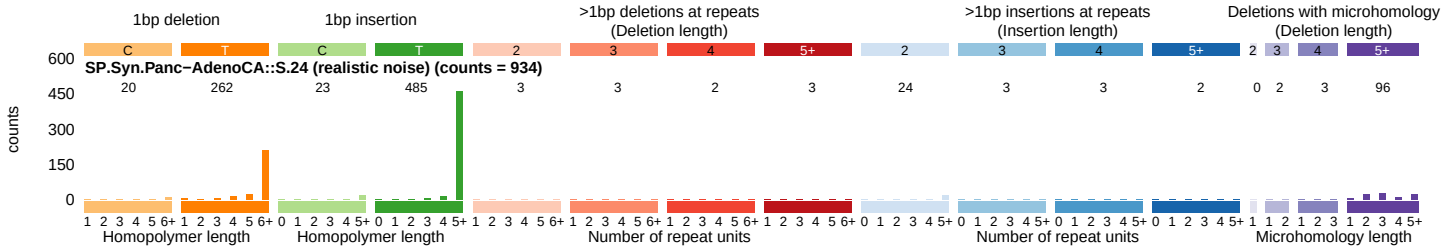
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.23 (realistic noise) (counts = 220)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
4 32 9 155 3 0 0 3 4 2 0 0 1 1 0 6
counts
172 129 86 43 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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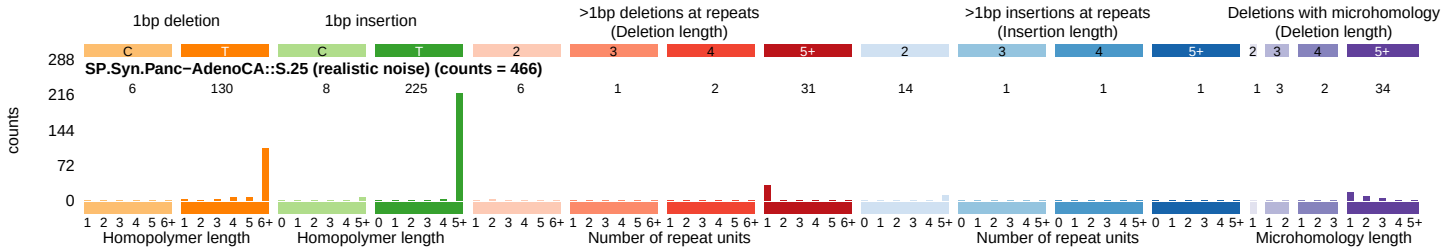
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.24 (realistic noise) (counts = 934)
counts
Homopolymer length
Number of repeat units
Microhomology length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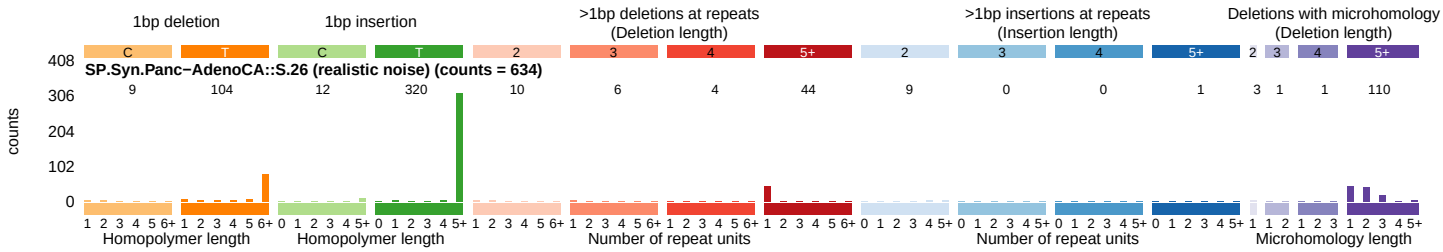
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.25 (realistic noise) (counts = 466)
counts
Homopolymer length
Number of repeat units
Microhomology length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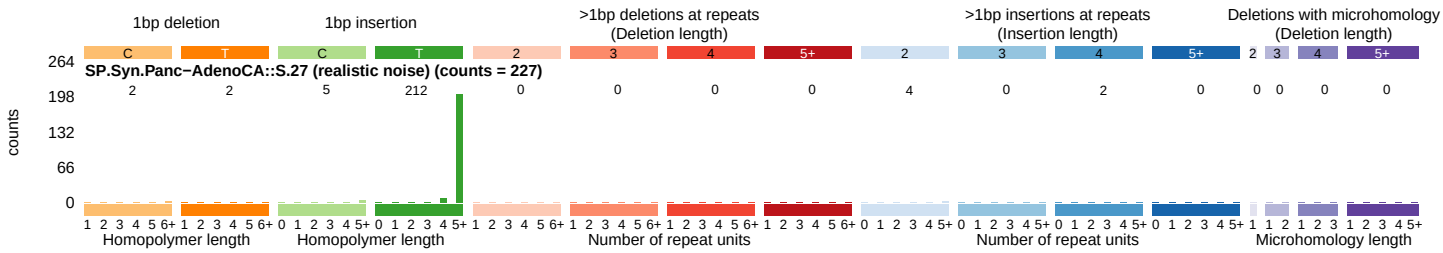
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.26 (realistic noise) (counts = 634)
counts
Homopolymer length
Number of repeat units
Microhomology length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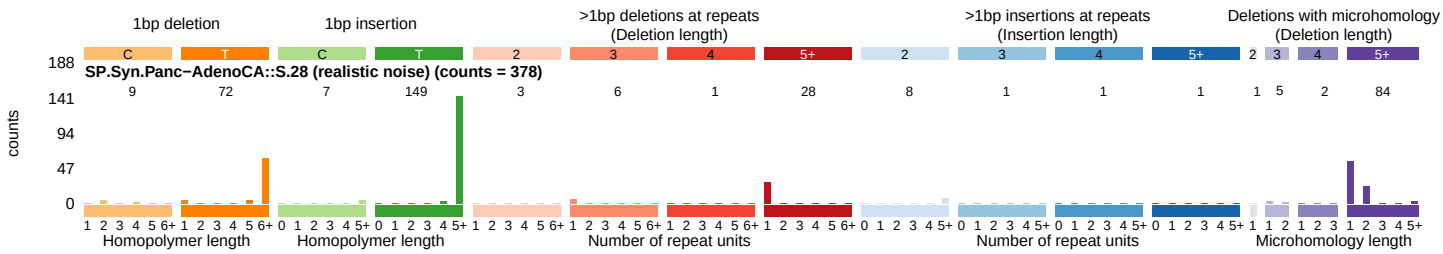
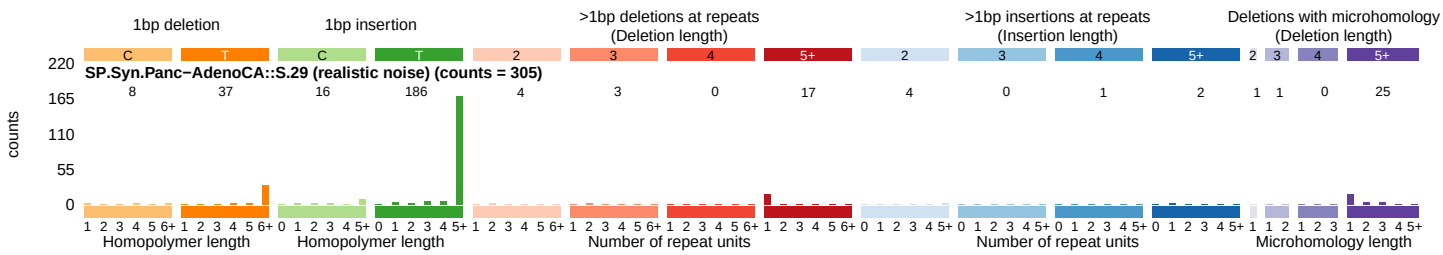
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.27 (realistic noise) (counts = 227)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (realistic noise) (counts = 378)
counts
Homopolymer length
Number of repeat units
Microhomology length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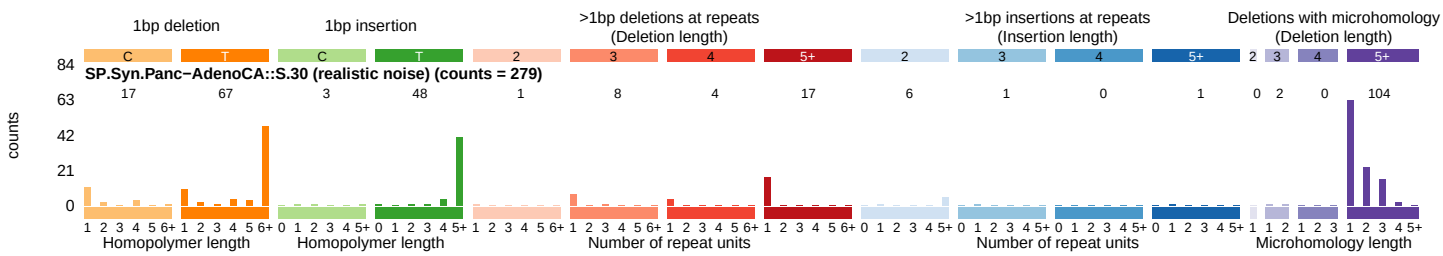
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.29 (realistic noise) (counts = 305)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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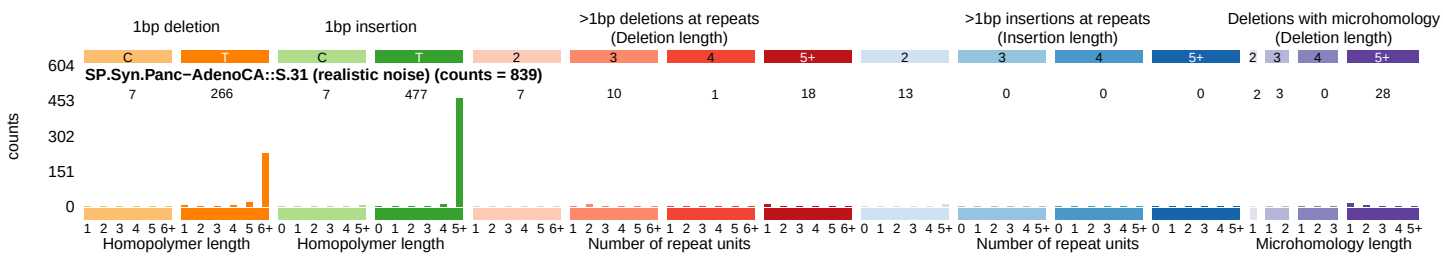
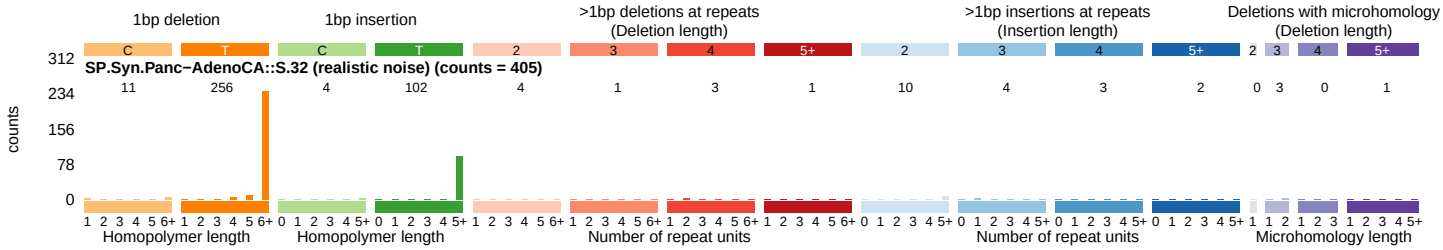
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.30 (realistic noise) (counts = 279)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.31 (realistic noise) (counts = 839)
counts
Homopolymer length
Number of repeat units
Microhomology length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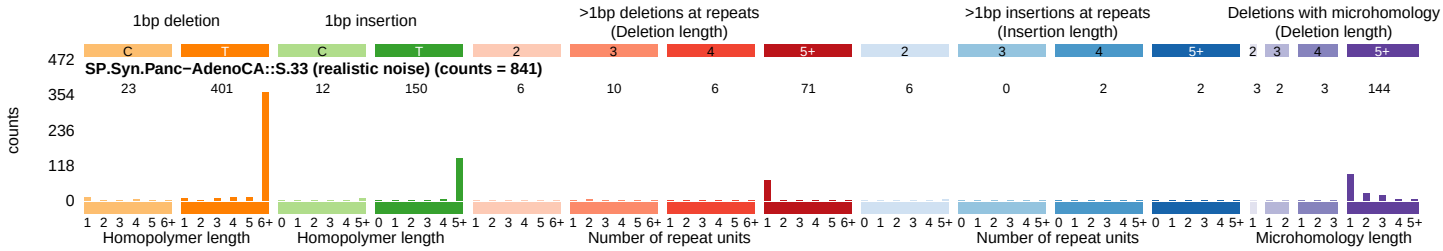
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.32 (realistic noise) (counts = 405)
counts
Homopolymer length
Number of repeat units
Microhomology length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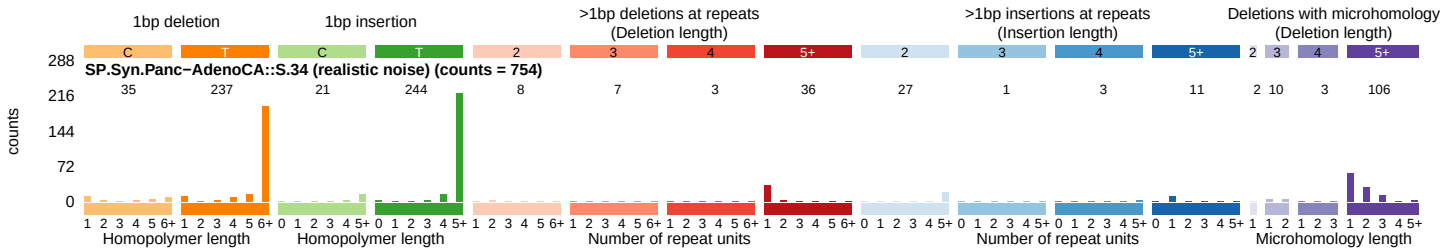
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.33 (realistic noise) (counts = 841)
counts
Homopolymer length
Number of repeat units
Microhomology length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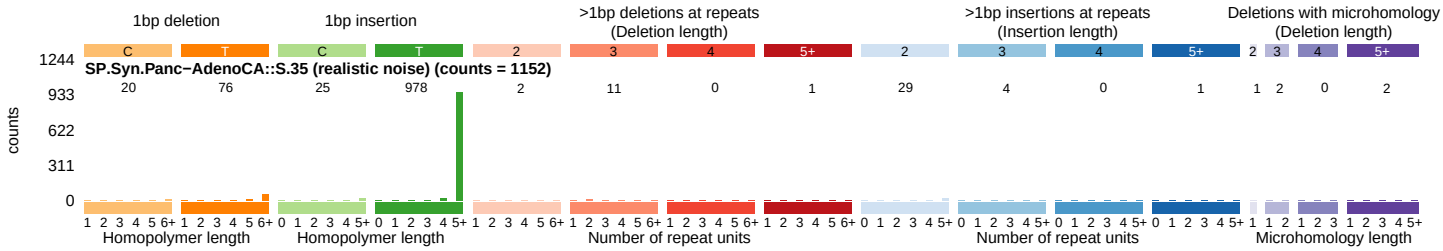
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.34 (realistic noise) (counts = 754)
counts
Homopolymer length
Number of repeat units
Microhomology length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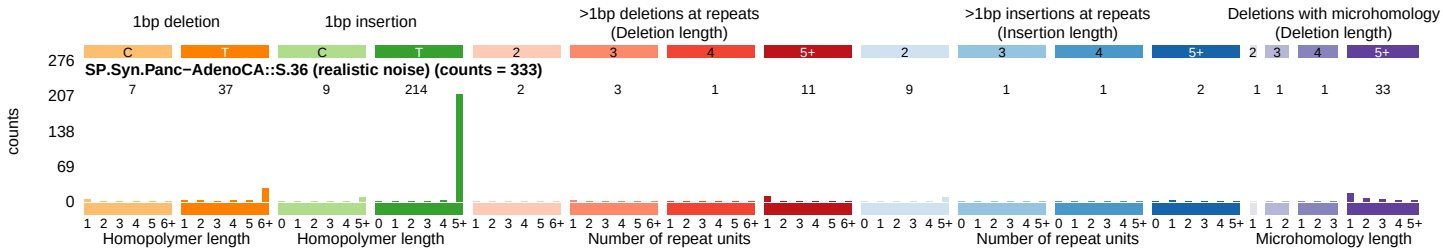
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.35 (realistic noise) (counts = 1152)
counts
Homopolymer length
Number of repeat units
Microhomology length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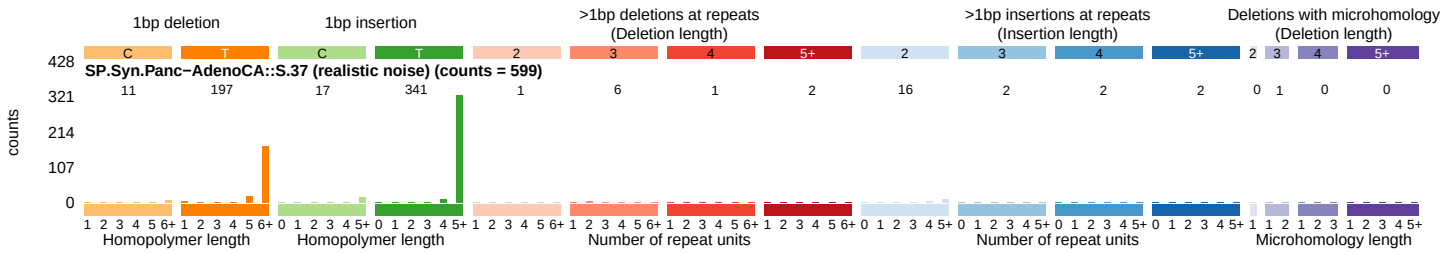
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.36 (realistic noise) (counts = 333)
counts
Homopolymer length
Number of repeat units
Microhomology length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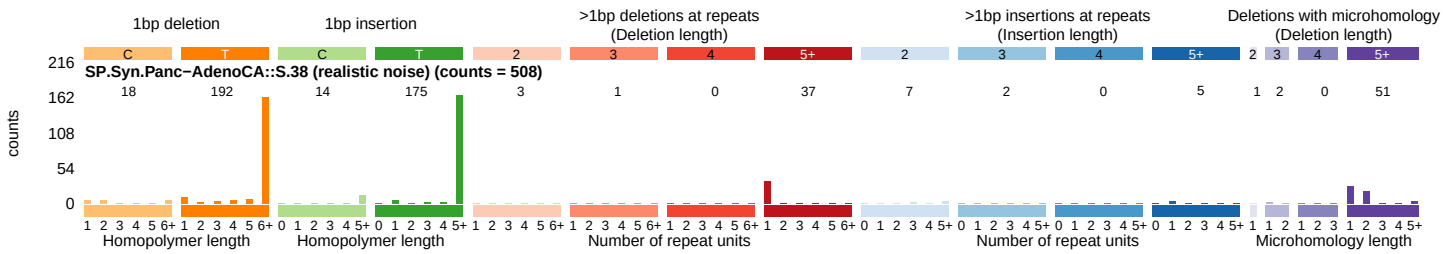
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.37 (realistic noise) (counts = 599)
counts
Homopolymer length
Number of repeat units
Microhomology length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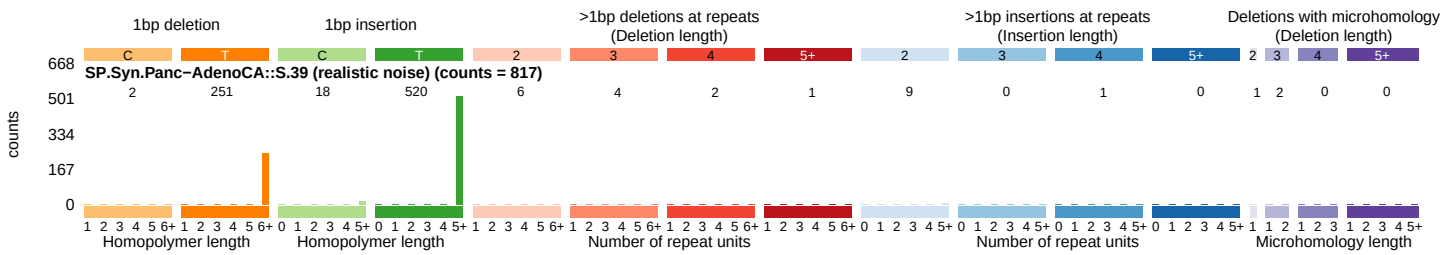
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.38 (realistic noise) (counts = 508)
counts
Homopolymer length
Number of repeat units
Microhomology length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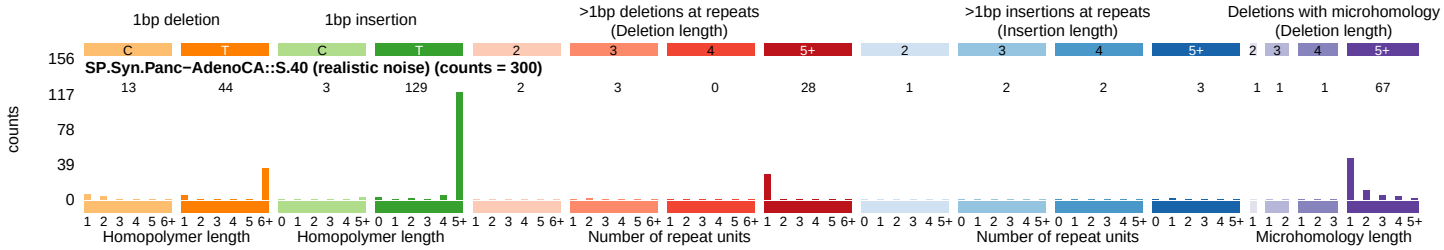
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.39 (realistic noise) (counts = 817)
counts
Homopolymer length
Number of repeat units
Microhomology length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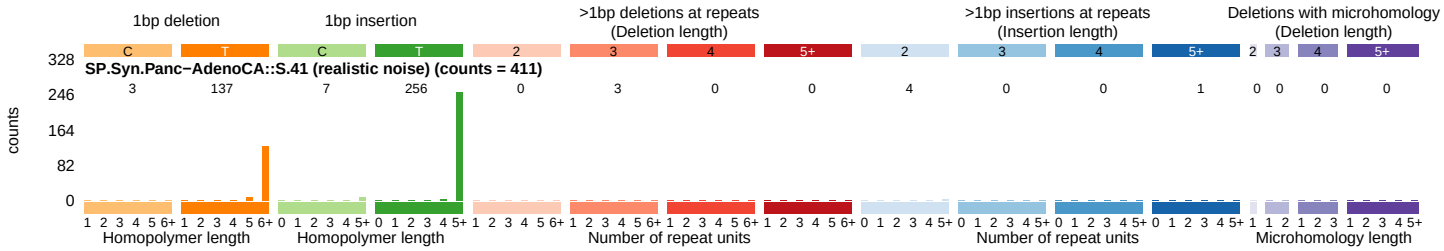
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.40 (realistic noise) (counts = 300)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
13 44 3 129 2 3 0 28 1 2 2 3 1 1 1 67
counts
Homopolymer length
Number of repeat units
Microhomology length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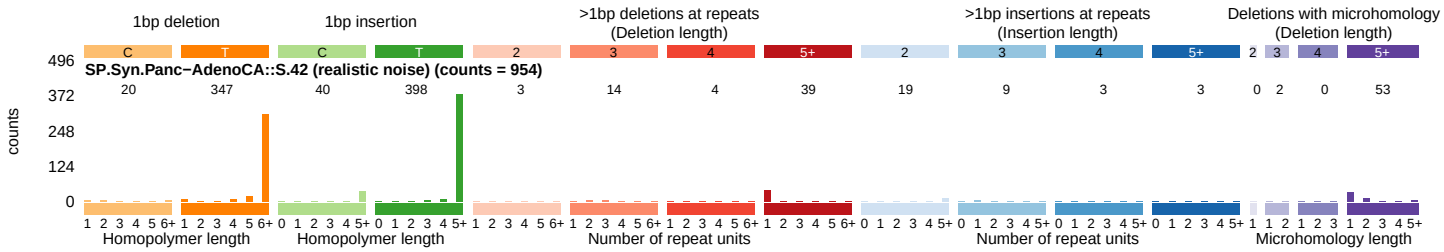
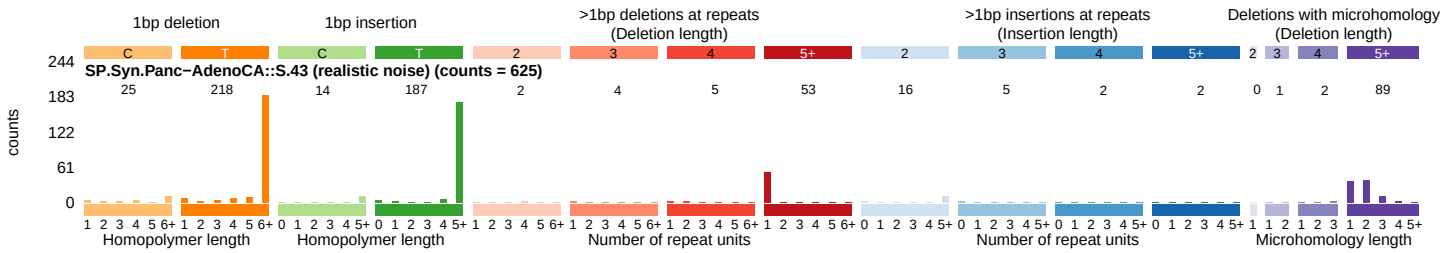
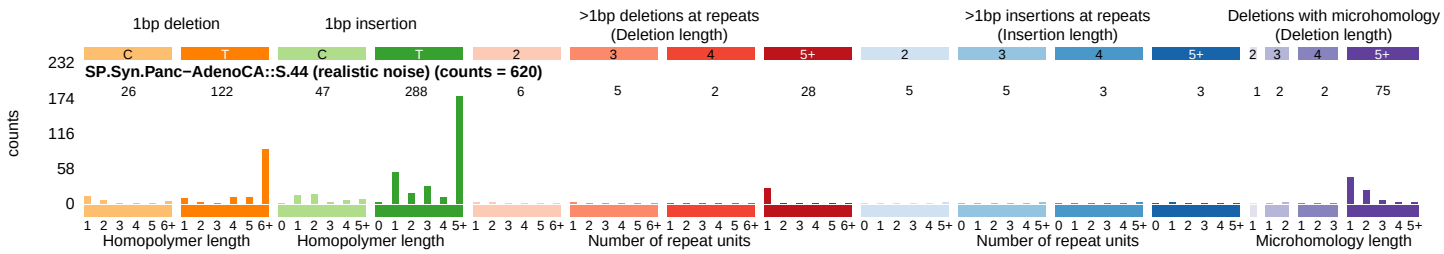
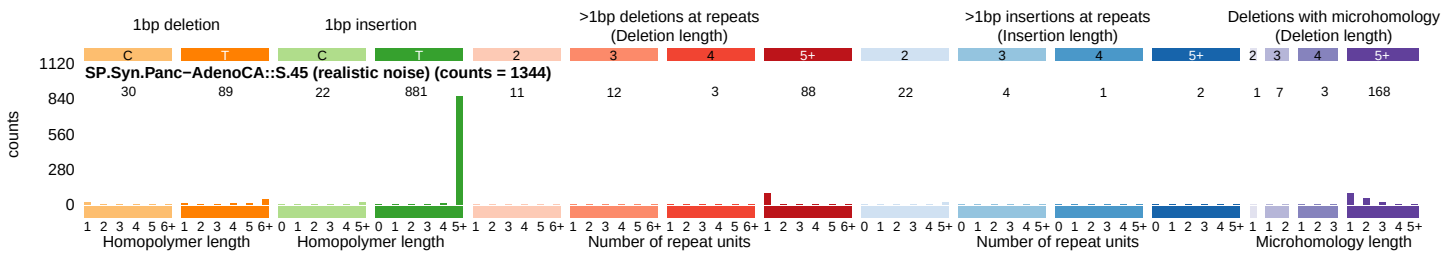
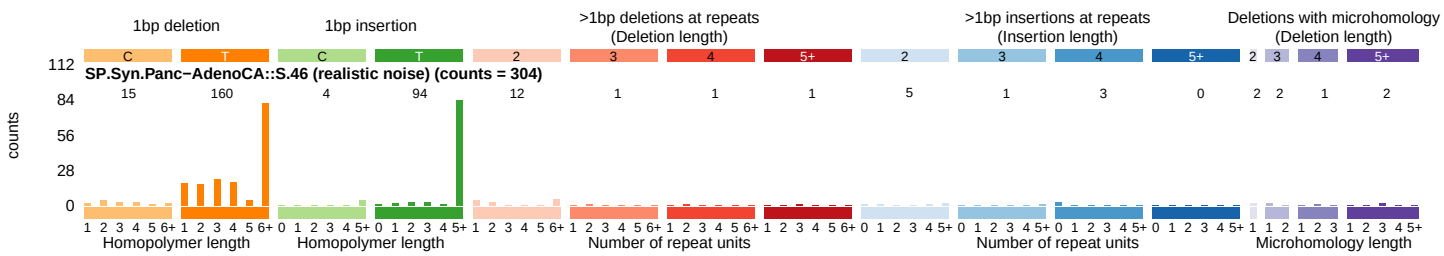
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.41 (realistic noise) (counts = 411)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
3 137 7 256 0 3 0 0 4 0 0 1 0 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

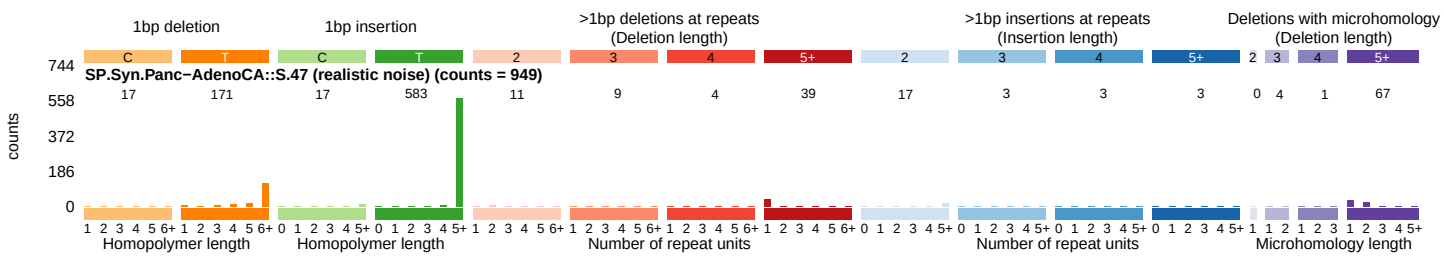

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.42 (realistic noise) (counts = 954)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
20 347 40 398 3 14 4 39 19 9 3 3 0 2 0 53
counts
Homopolymer length
Number of repeat units
Microhomology length

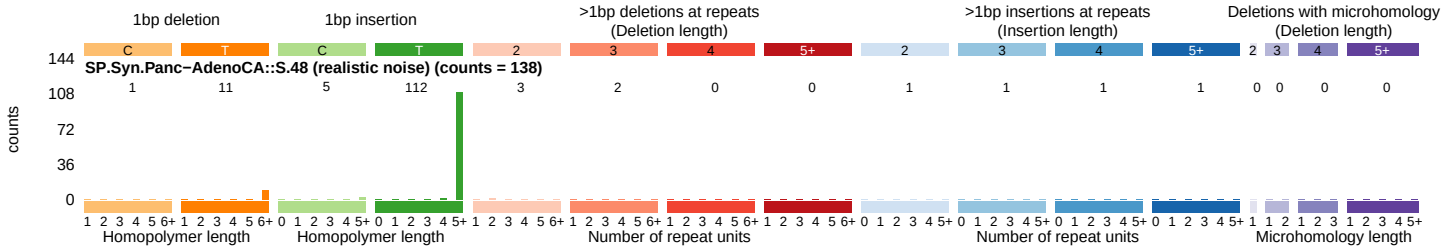

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.43 (realistic noise) (counts = 625)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
25 218 14 187 2 4 5 53 16 5 2 2 0 1 2 89
counts
Homopolymer length
Number of repeat units
Microhomology length

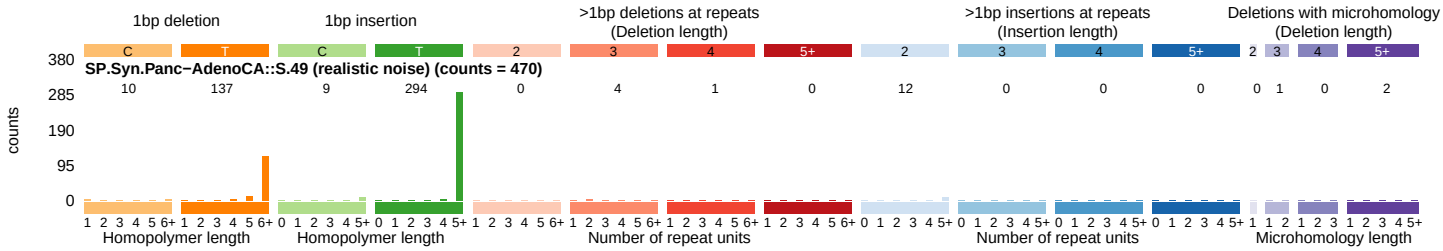

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.44 (realistic noise) (counts = 620)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
26 122 47 288 6 5 2 28 5 5 3 3 1 2 2 75
counts
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.Panc−AdenoCA::S.45 (realistic noise) (counts = 1344)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
30 89 22 881 11 12 3 88 22 4 1 2 1 7 3 168
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.46 (realistic noise) (counts = 304)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
15 160 4 94 12 1 1 1 5 1 3 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.Panc−AdenoCA::S.47 (realistic noise) (counts = 949)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
17 171 17 583 11 9 4 39 17 3 3 3 0 4 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.Panc−AdenoCA::S.48 (realistic noise) (counts = 138)
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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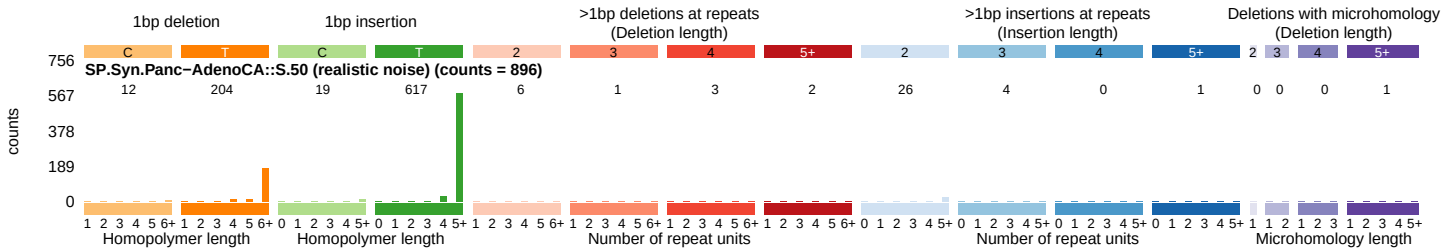
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.49 (realistic noise) (counts = 470)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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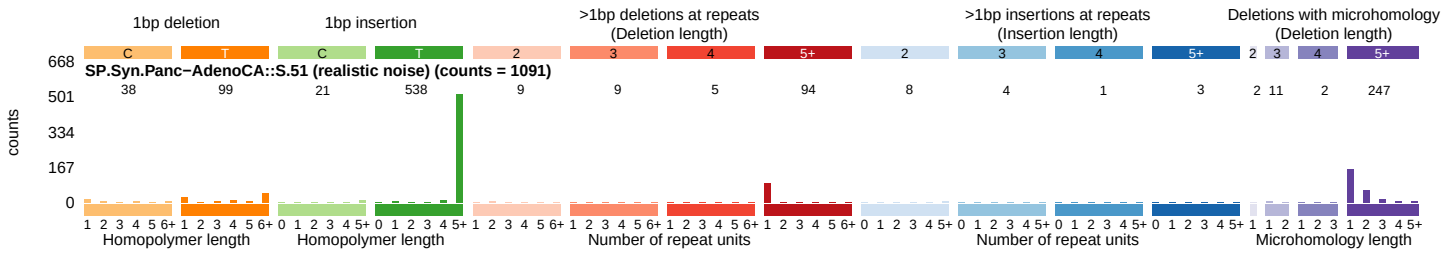
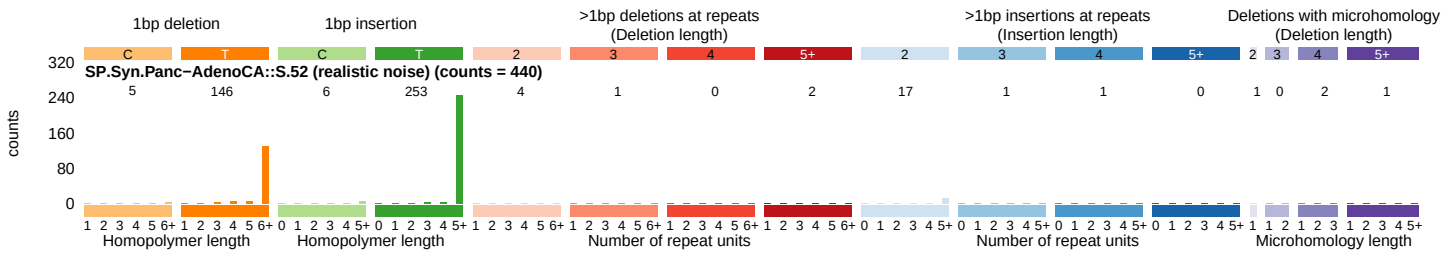
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.50 (realistic noise) (counts = 896)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (realistic noise) (counts = 1091)
counts
Homopolymer length
Number of repeat units
Microhomology length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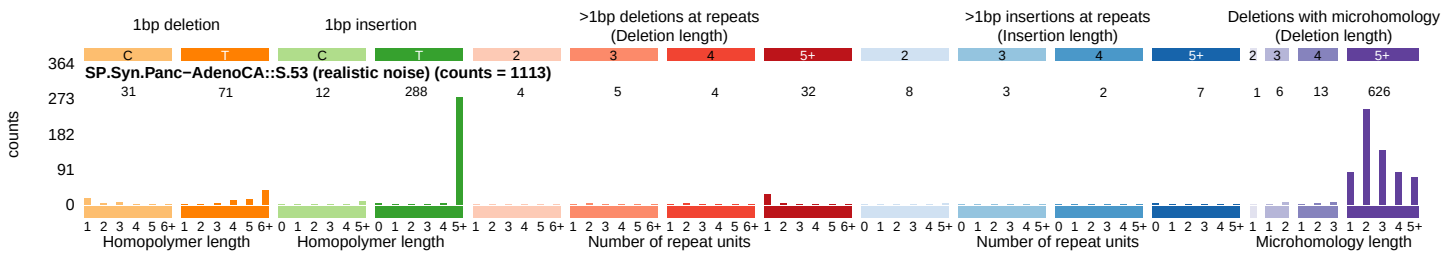
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.52 (realistic noise) (counts = 440)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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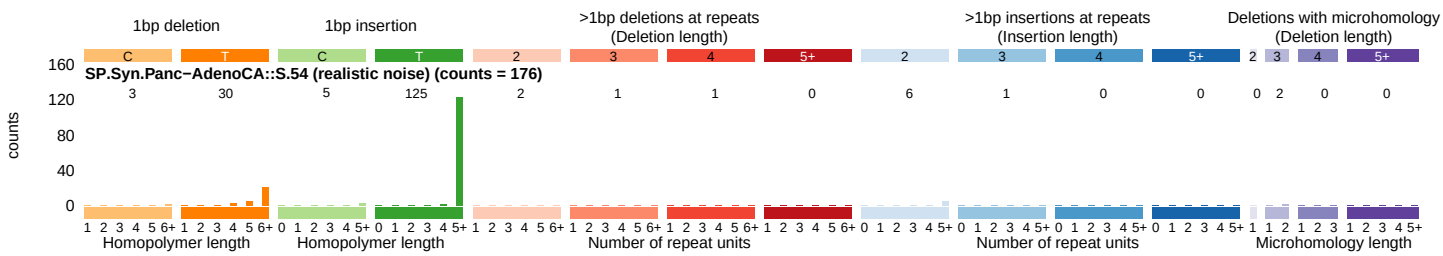
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.53 (realistic noise) (counts = 1113)
counts
Homopolymer length
Number of repeat units
Microhomology length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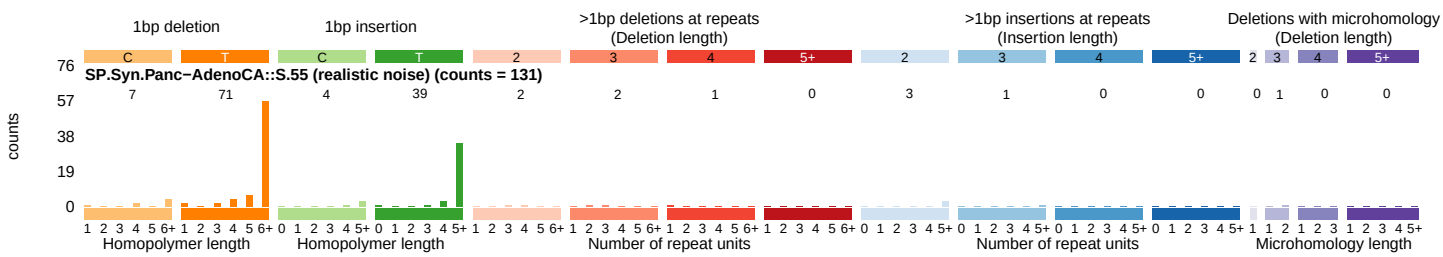
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.54 (realistic noise) (counts = 176)
counts
Homopolymer length
Number of repeat units
Microhomology length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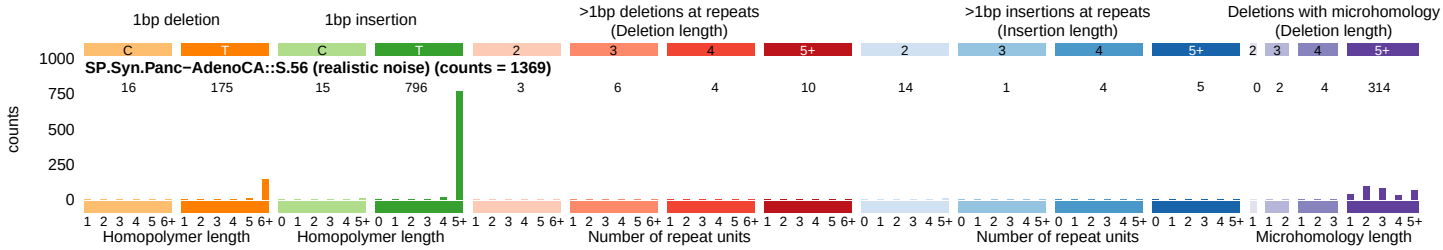
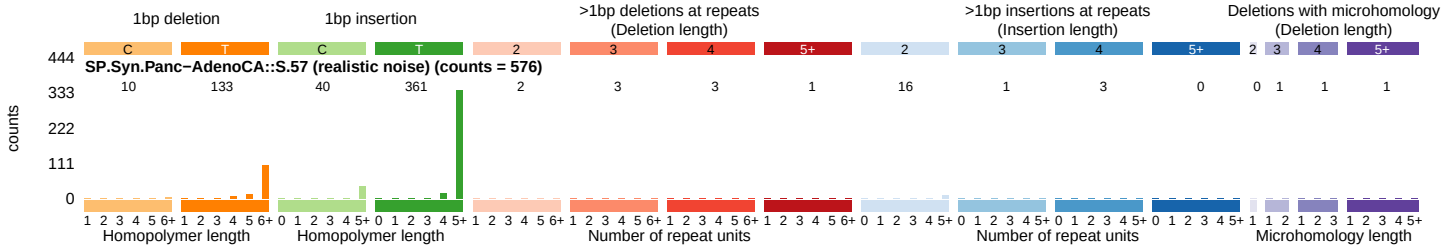
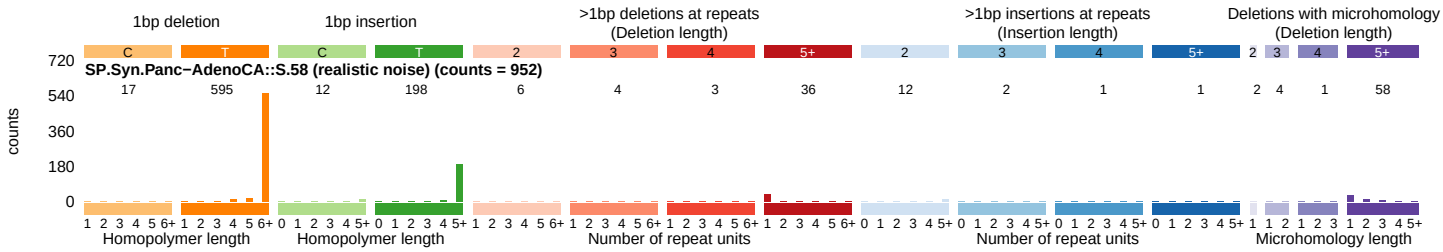
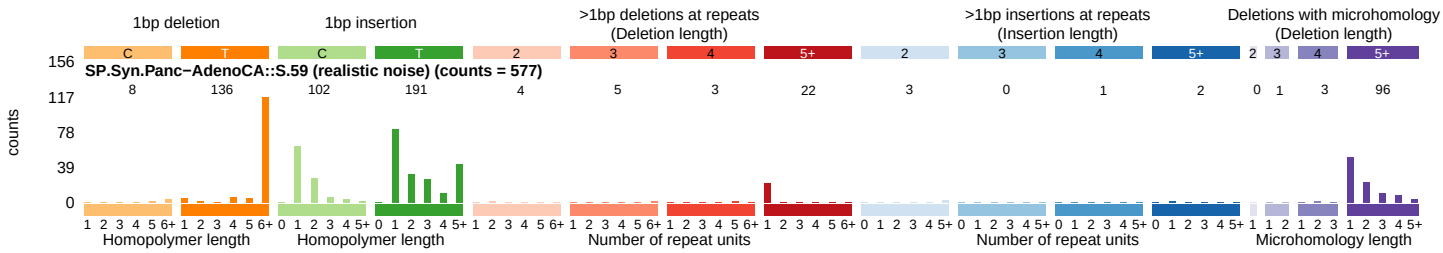
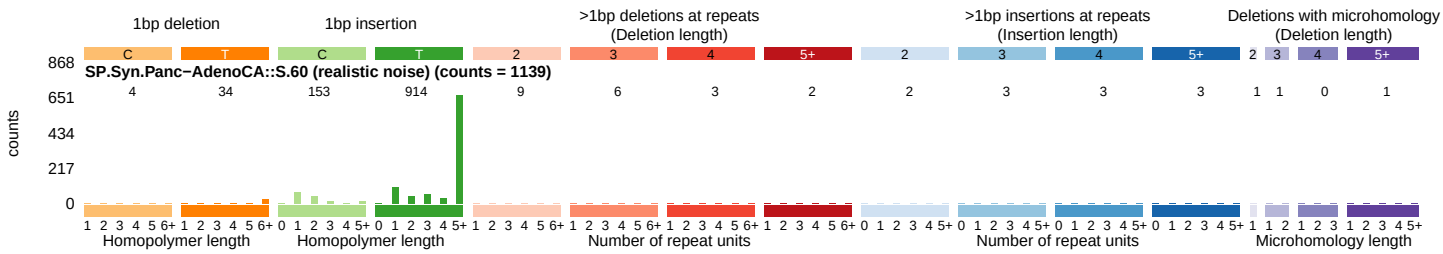
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.55 (realistic noise) (counts = 131)
counts
Homopolymer length
Number of repeat units
Microhomology length

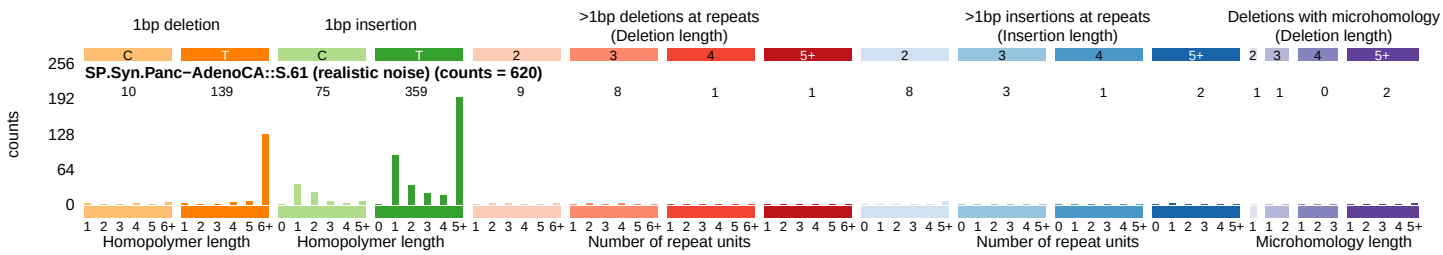

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.56 (realistic noise) (counts = 1369)
16 175 15 796 3 6 4 10 14 1 4 5 0 2 4 314
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

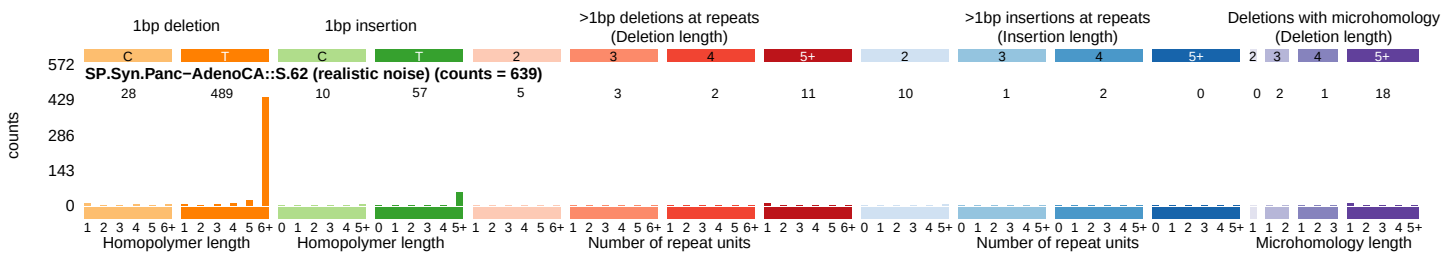

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.57 (realistic noise) (counts = 576)
10 133 40 361 2 3 3 1 16 1 3 0 0 1 1 1
counts
444 333 222 111 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

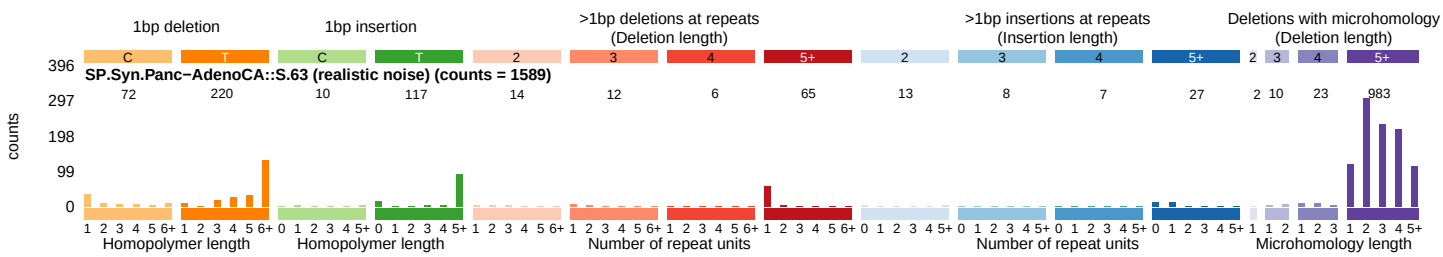

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.58 (realistic noise) (counts = 952)
17 595 12 198 6 4 3 36 12 2 1 1 2 4 1 58
counts
720 540 360 180 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

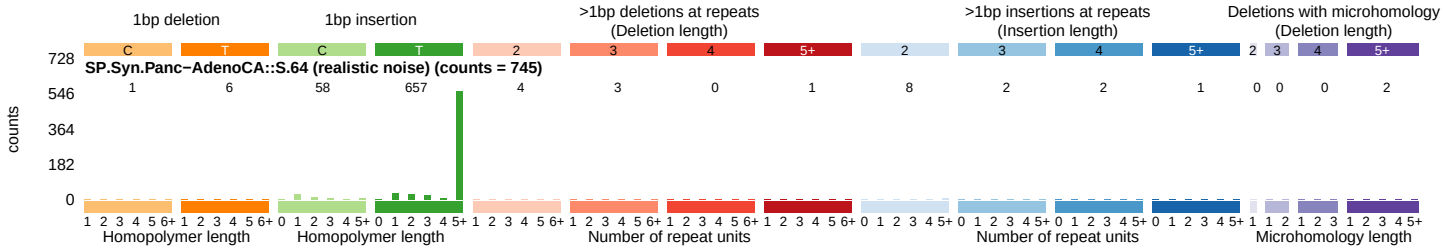

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.59 (realistic noise) (counts = 577)
8 136 102 191 4 5 3 22 3 0 1 2 0 1 3 96
counts
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.Panc−AdenoCA::S.60 (realistic noise) (counts = 1139)
4 34 153 914 9 6 3 2 2 3 3 3 1 1 0 1
counts
868 651 434 217 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.61 (realistic noise) (counts = 620)
10 139 75 359 9 8 1 1 8 3 1 2 1 1 0 2
counts
256 192 128 64 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.62 (realistic noise) (counts = 639)
28 489 10 57 5 3 2 11 10 1 2 0 0 2 1 18
counts
572 429 286 143 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.63 (realistic noise) (counts = 1589)
72 220 10 117 14 12 6 65 13 8 7 27 2 10 23 983
counts
396 297 198 99 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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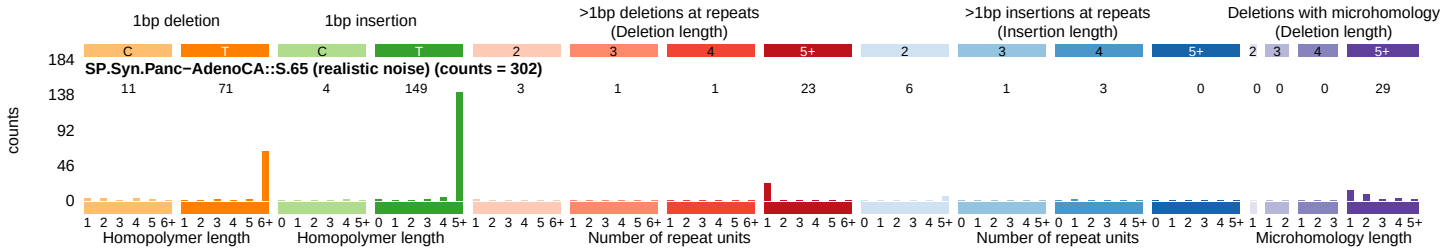
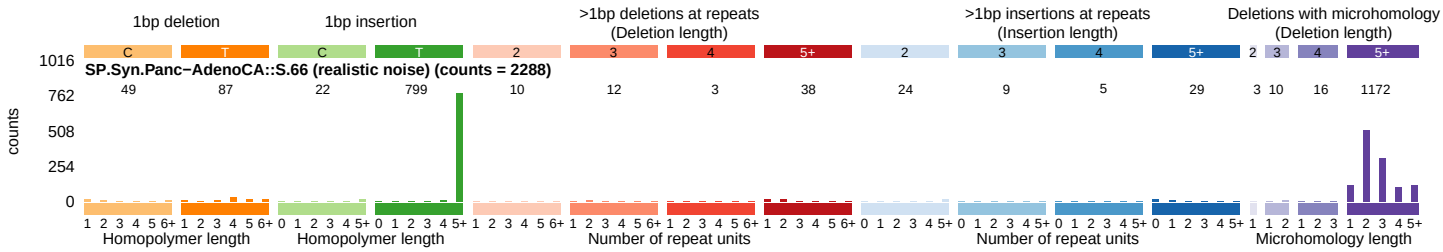
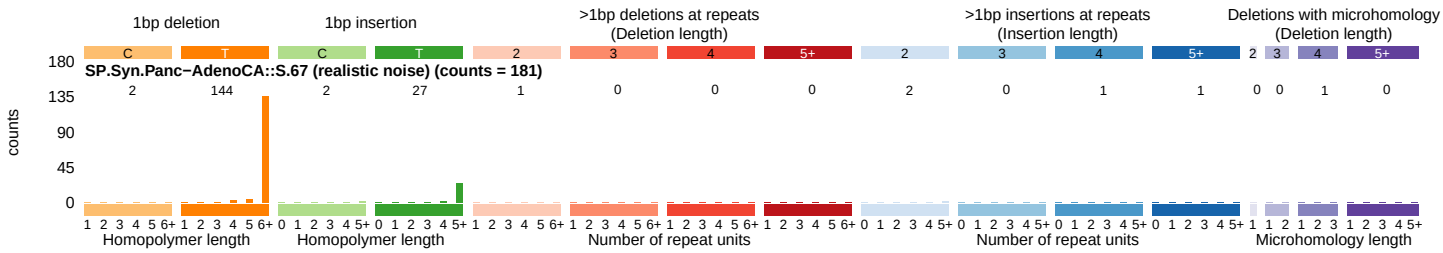
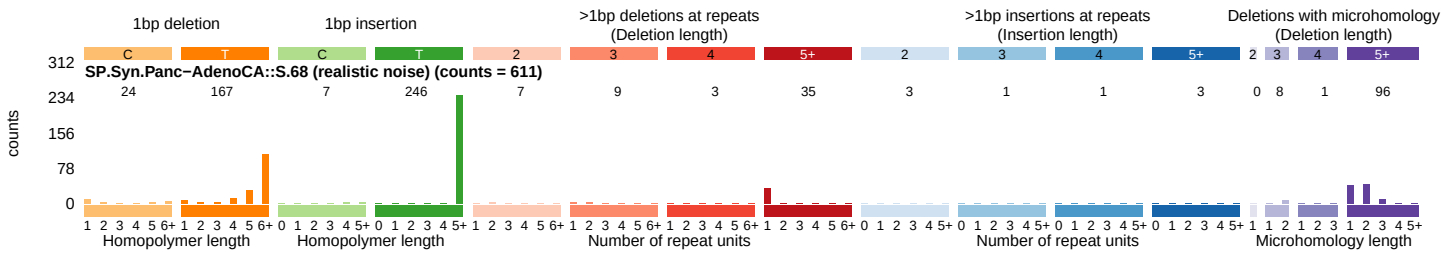
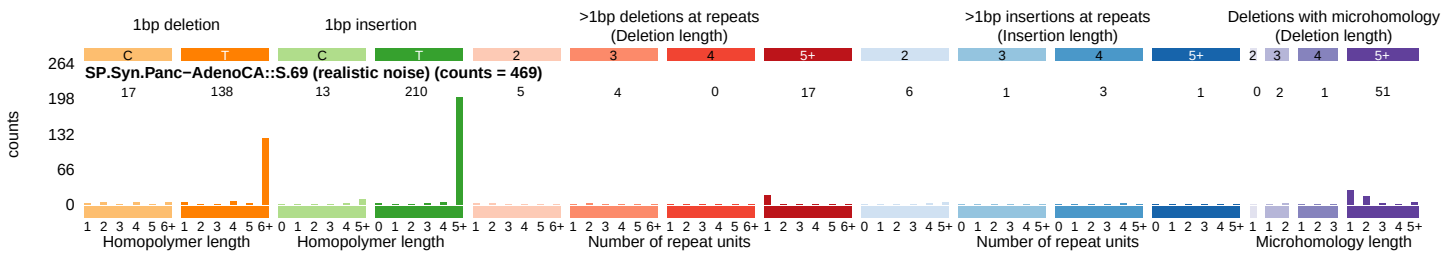
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.64 (realistic noise) (counts = 745)
1 6 58 657 4 3 0 1 8 2 2 1 0 0 0 2
counts
728 546 364 182 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 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

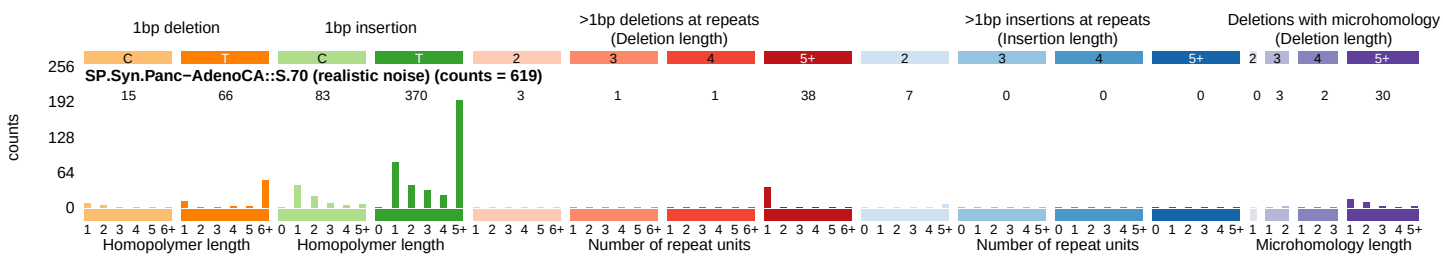

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.65 (realistic noise) (counts = 302)
11 71 4 149 3 1 1 23 6 1 3 0 0 0 0 29
counts
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+ 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

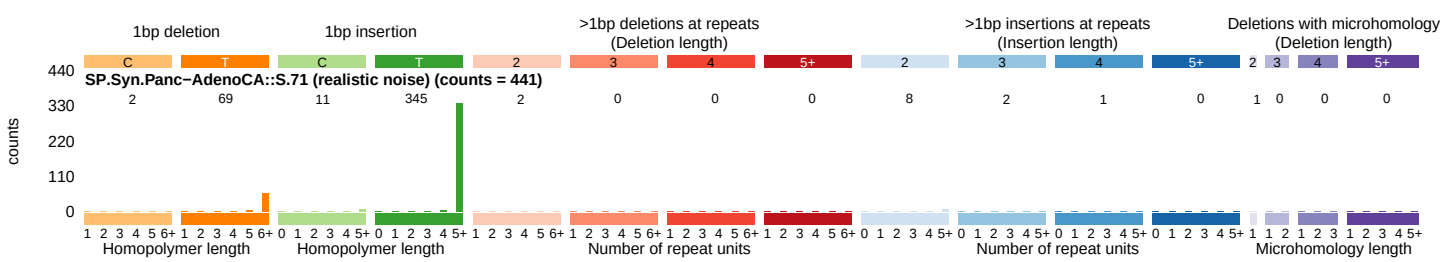

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.66 (realistic noise) (counts = 2288)
49 87 22 799 10 12 3 38 24 9 5 29 3 10 16 1172
counts
1016 762 508 254 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

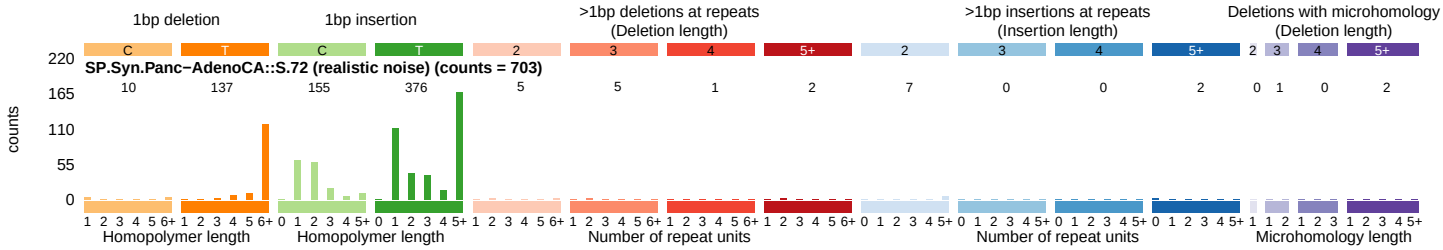

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.67 (realistic noise) (counts = 181)
2 144 2 27 1 0 0 0 2 0 1 1 0 0 1 0
counts
180 135 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+ 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.Panc−AdenoCA::S.68 (realistic noise) (counts = 611)
24 167 7 246 7 9 3 35 3 1 1 3 0 8 1 96
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+ 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.Panc−AdenoCA::S.69 (realistic noise) (counts = 469)
17 138 13 210 5 4 0 17 6 1 3 1 0 2 1 51
counts
264 198 132 66 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.70 (realistic noise) (counts = 619)
15 66 83 370 3 1 1 38 7 0 0 0 0 3 2 30
counts
256 192 128 64 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 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.Panc−AdenoCA::S.71 (realistic noise) (counts = 441)
2 69 11 345 2 0 0 0 8 2 1 0 1 0 0 0
counts
440 330 220 110 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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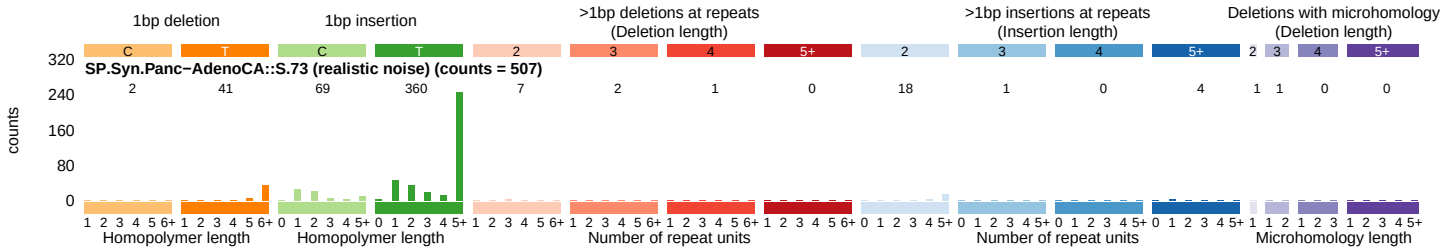
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.72 (realistic noise) (counts = 703)
10 137 155 376 5 5 1 2 7 0 0 2 0 1 0 2
counts
220 165 110 55 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 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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1bp insertion
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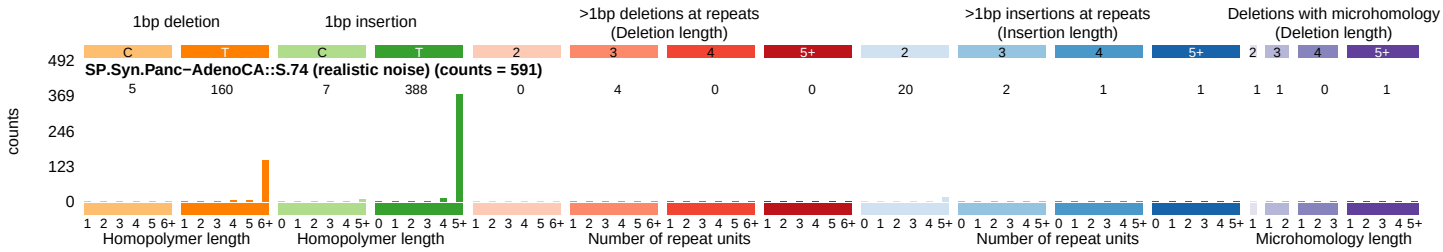
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.73 (realistic noise) (counts = 507)
2 41 69 360 7 2 1 0 18 1 0 4 1 1 0 0
counts
320 240 160 80 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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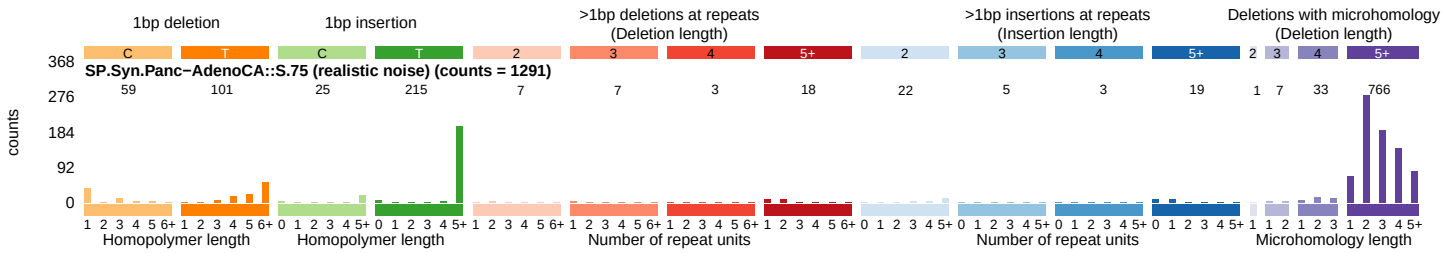
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.74 (realistic noise) (counts = 591)
5 160 7 388 0 4 0 0 20 2 1 1 1 1 0 1
counts
492 369 246 123 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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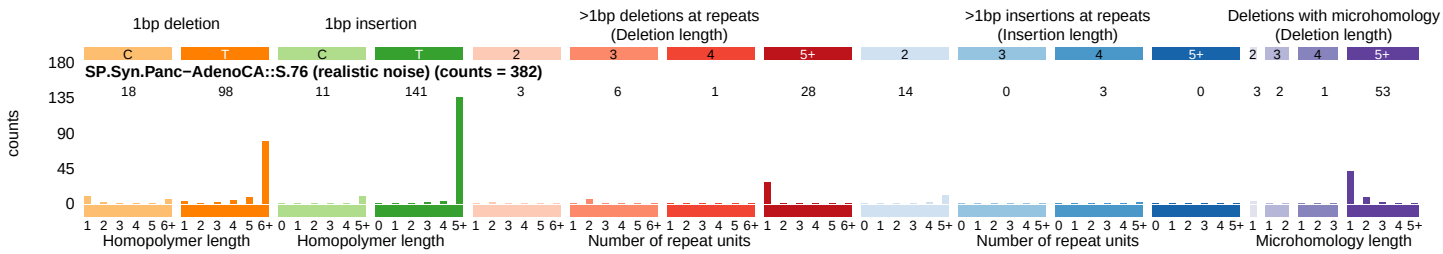
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.75 (realistic noise) (counts = 1291)
59 101 25 215 7 7 3 18 22 5 3 19 1 7 33 766
counts
368 276 184 92 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 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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1bp insertion
>1bp deletions at repeats (Deletion length)
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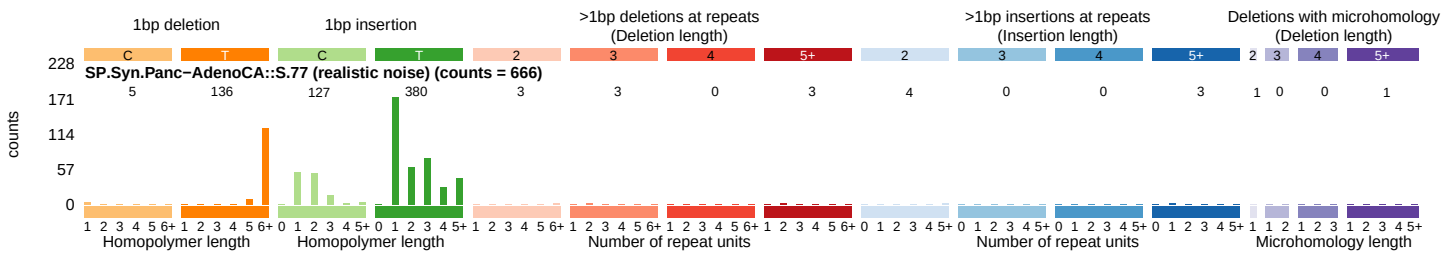
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.76 (realistic noise) (counts = 382)
18 98 11 141 3 6 1 28 14 0 3 0 3 2 1 53
counts
180 135 90 45 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 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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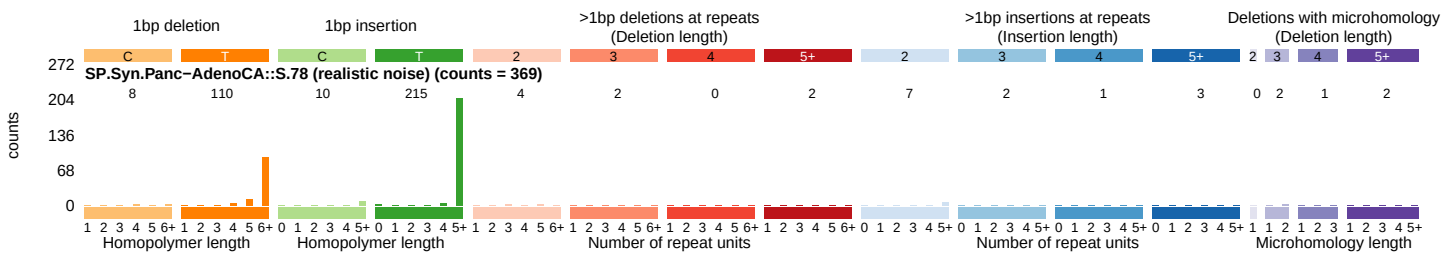
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.77 (realistic noise) (counts = 666)
5 136 127 380 3 3 0 3 4 0 0 3 1 0 0 1
counts
228 171 114 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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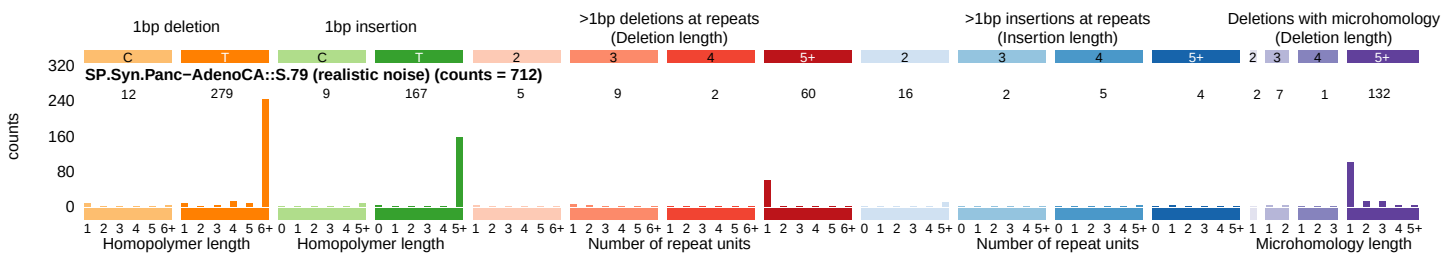
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.78 (realistic noise) (counts = 369)
8 110 10 215 4 2 0 2 7 2 1 3 0 2 1 2
counts
272 204 136 68 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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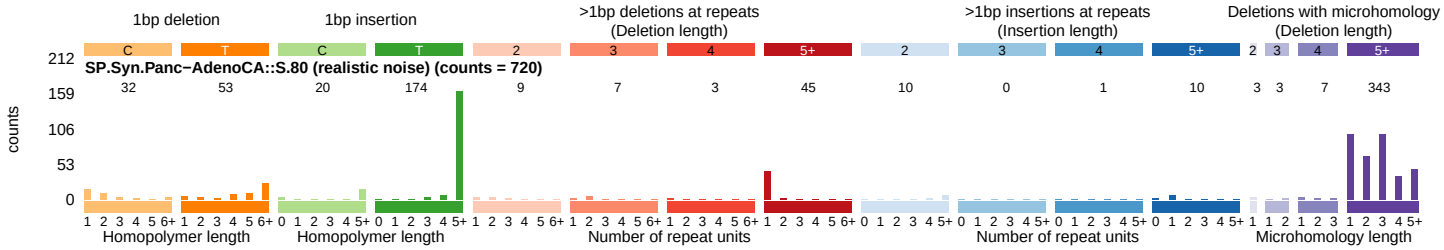
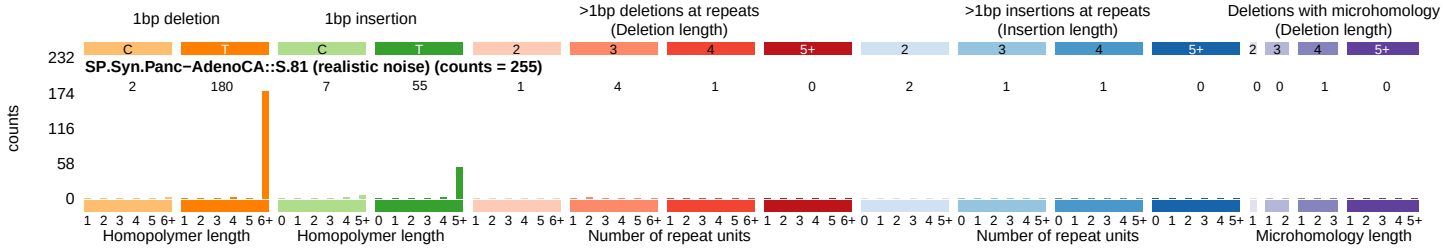
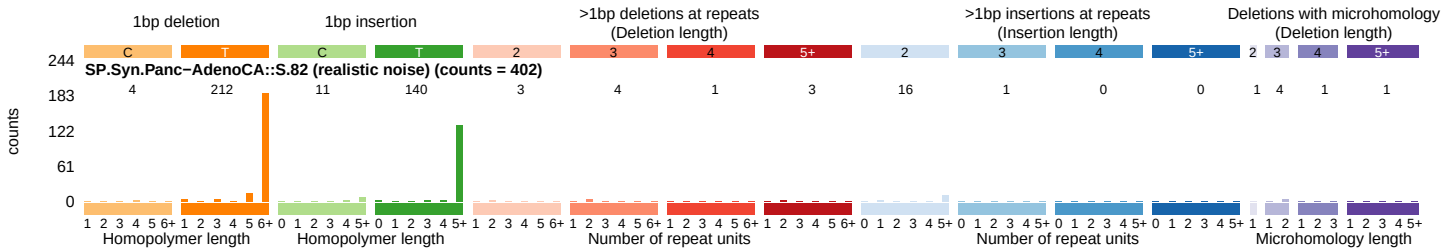
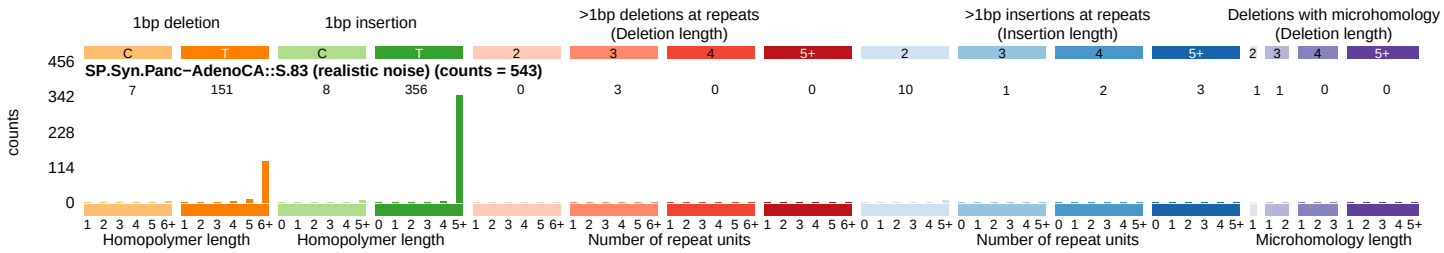
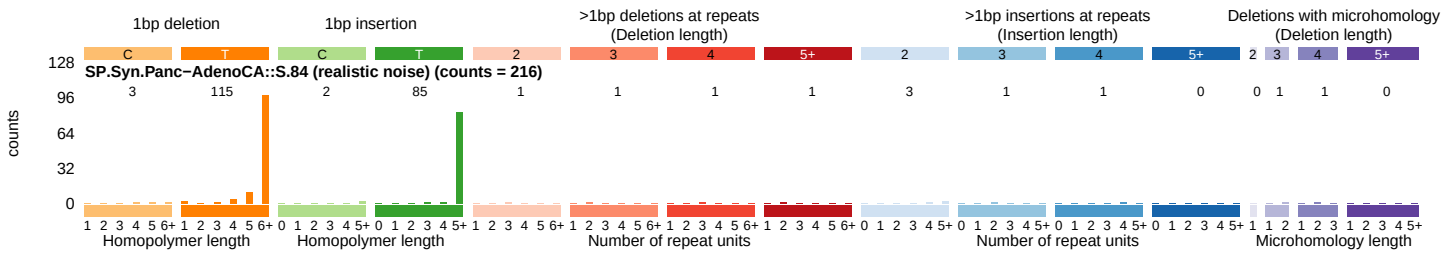
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.79 (realistic noise) (counts = 712)
12 279 9 167 5 9 2 60 16 2 5 4 2 7 1 132
counts
320 240 160 80 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

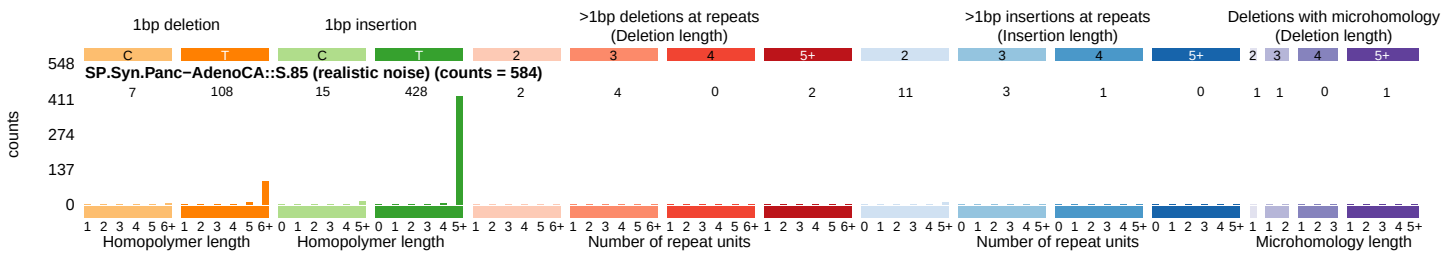

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.80 (realistic noise) (counts = 720)
32 53 20 174 9 7 3 45 10 0 1 10 3 3 7 343
counts
212 159 106 53 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

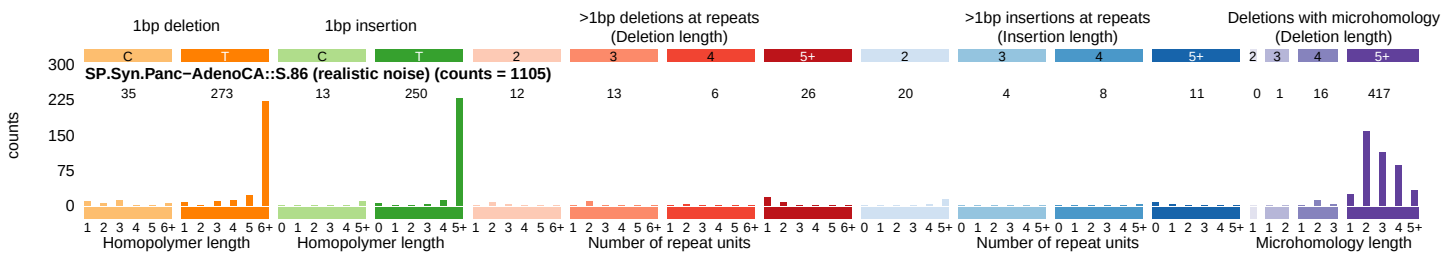

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.81 (realistic noise) (counts = 255)
2 180 7 55 1 4 1 0 2 1 1 0 0 0 1 0
counts
232 174 116 58 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.82 (realistic noise) (counts = 402)
4 212 11 140 3 4 1 3 16 1 0 0 1 4 1 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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.83 (realistic noise) (counts = 543)
7 151 8 356 0 3 0 0 10 1 2 3 1 1 0 0
counts
456 342 228 114 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.84 (realistic noise) (counts = 216)
3 115 2 85 1 1 1 1 3 1 1 0 0 1 1 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.Panc−AdenoCA::S.85 (realistic noise) (counts = 584)
7 108 15 428 2 4 0 2 11 3 1 0 1 1 0 1
counts
548 411 274 137 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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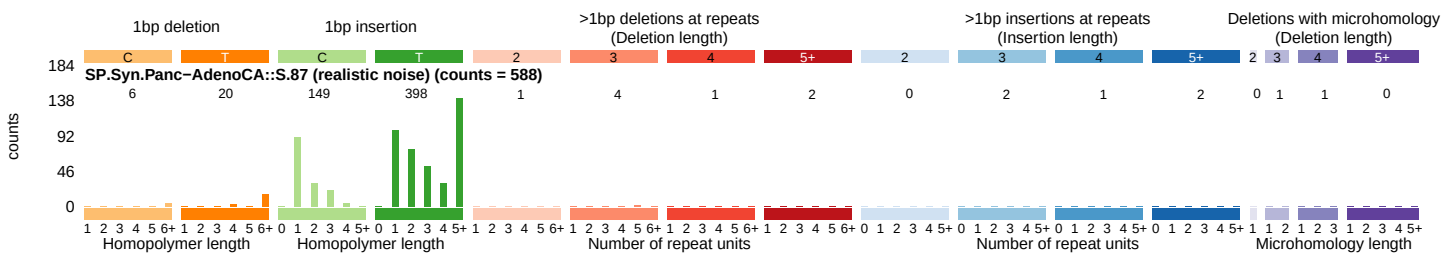
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.86 (realistic noise) (counts = 1105)
35 273 13 250 12 13 6 26 20 4 8 11 0 1 16 417
counts
300 225 150 75 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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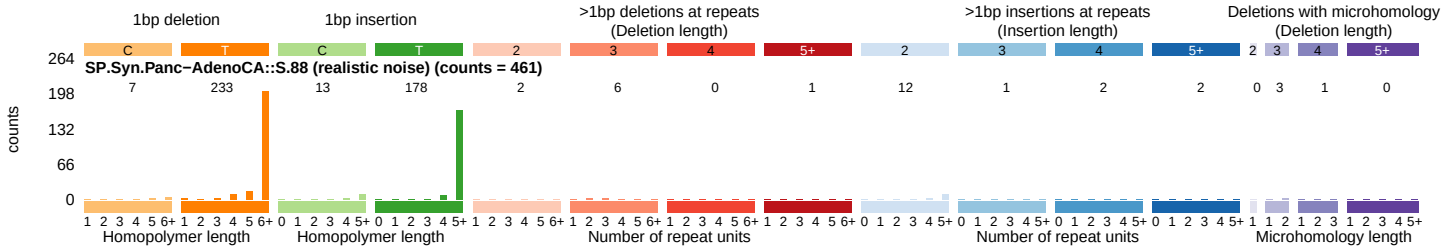
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.87 (realistic noise) (counts = 588)
6 20 149 398 1 4 1 2 0 2 1 2 0 1 1 0
counts
184 138 92 46 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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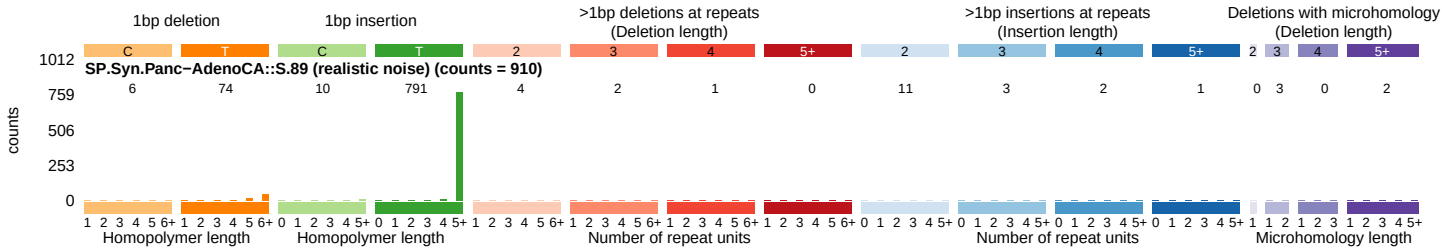
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.88 (realistic noise) (counts = 461)
counts
Homopolymer length
Number of repeat units
Microhomology length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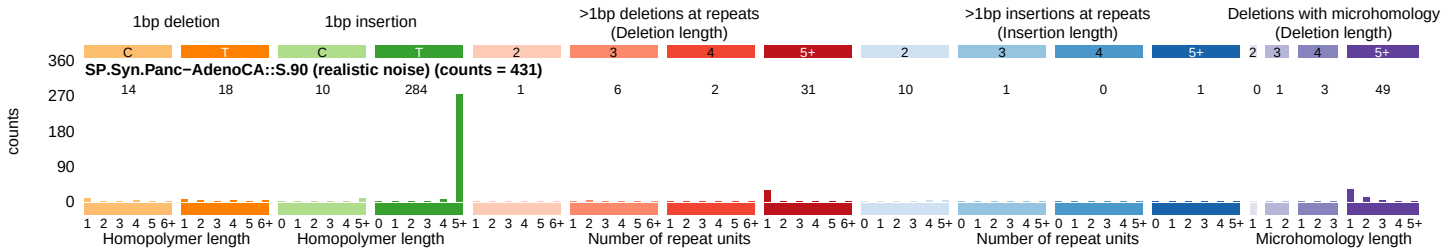
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.89 (realistic noise) (counts = 910)
counts
Homopolymer length
Number of repeat units
Microhomology length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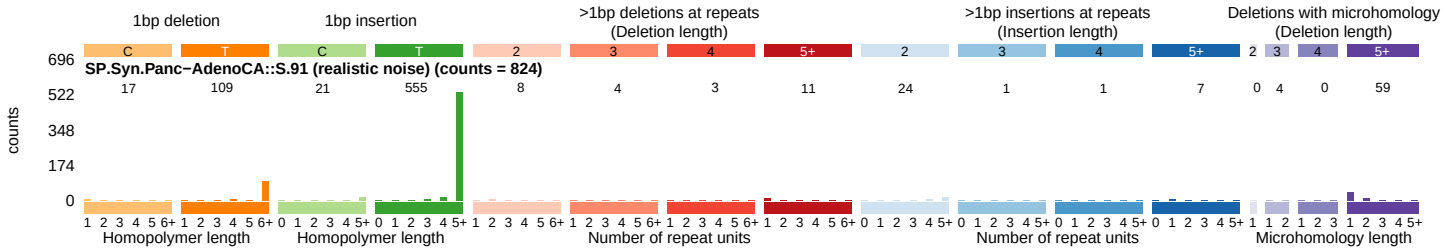
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.90 (realistic noise) (counts = 431)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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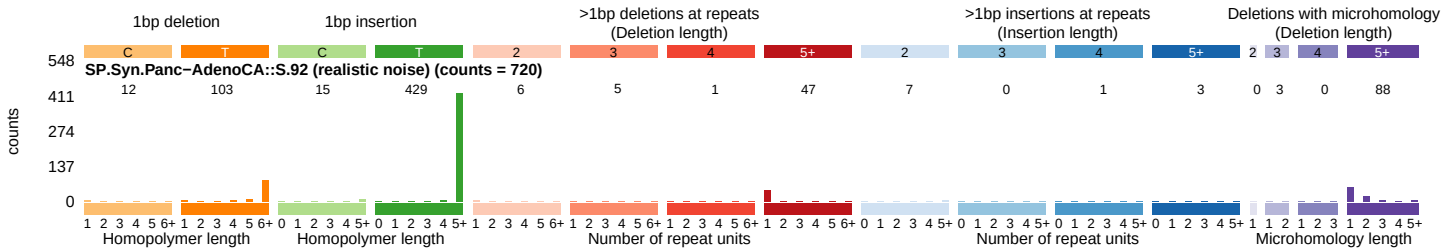
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.91 (realistic noise) (counts = 824)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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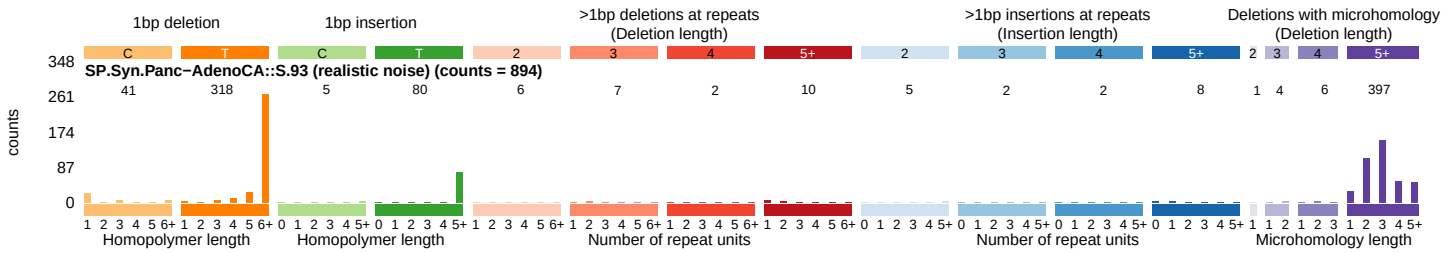
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.92 (realistic noise) (counts = 720)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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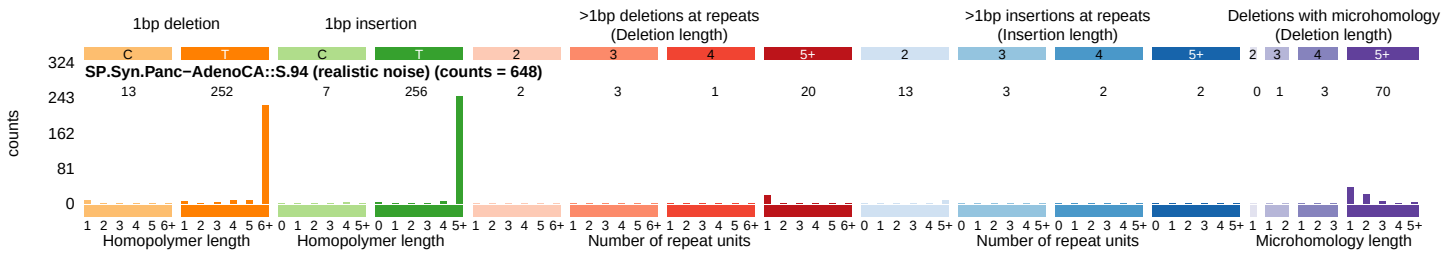
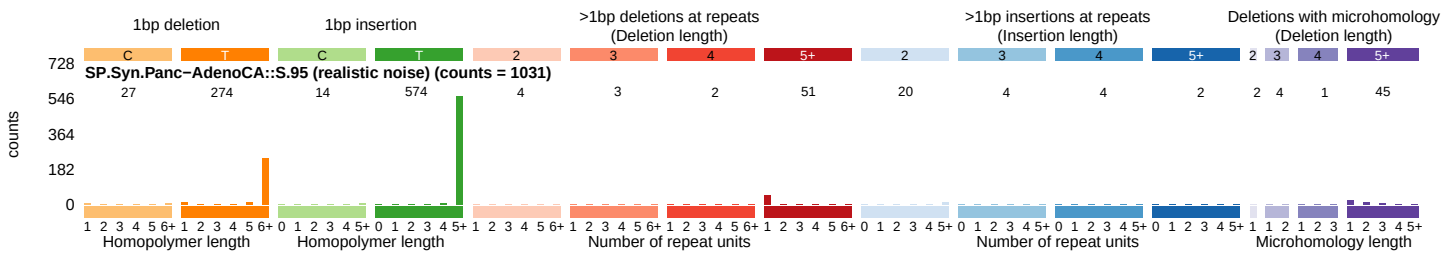
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.93 (realistic noise) (counts = 894)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (realistic noise) (counts = 648)
counts
Homopolymer length
Number of repeat units
Microhomology length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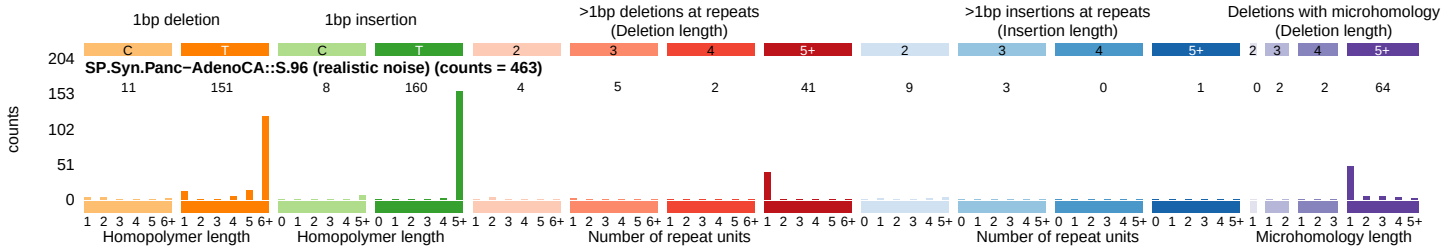
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.95 (realistic noise) (counts = 1031)
counts
Homopolymer length
Number of repeat units
Microhomology length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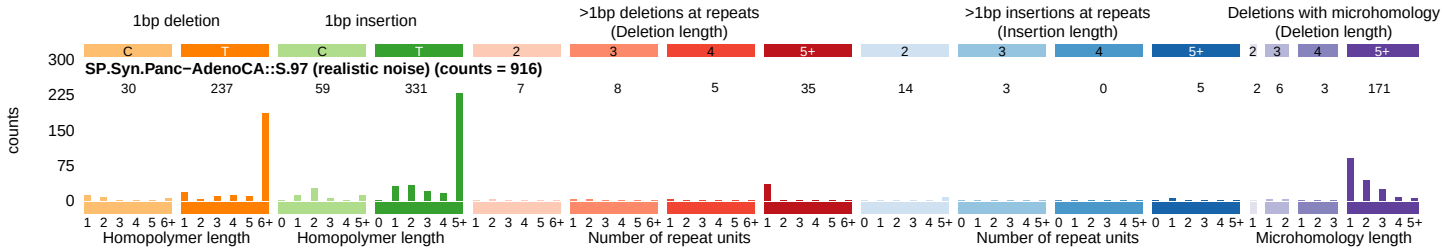
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.96 (realistic noise) (counts = 463)
counts
Homopolymer length
Number of repeat units
Microhomology length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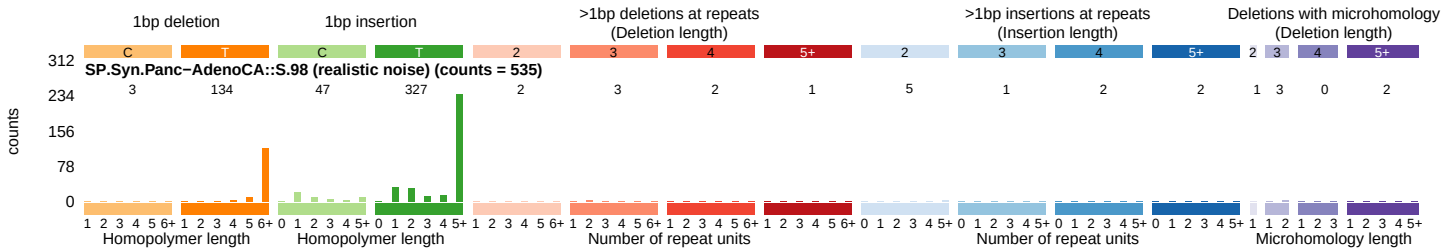
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.97 (realistic noise) (counts = 916)
counts
Homopolymer length
Number of repeat units
Microhomology length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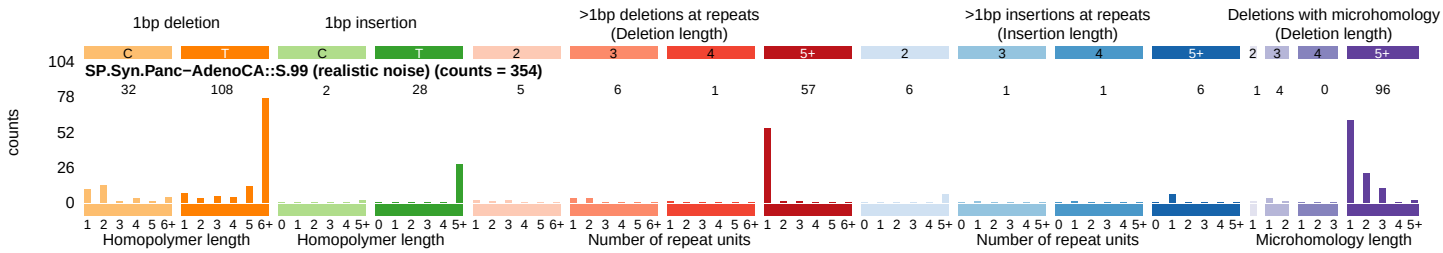
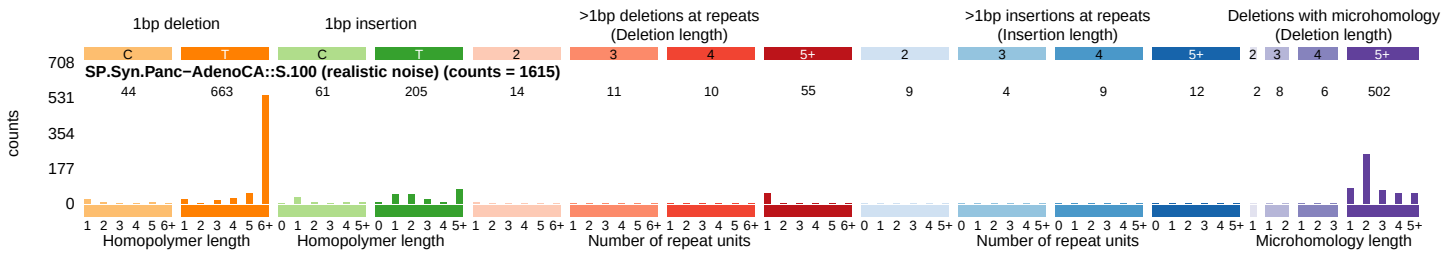
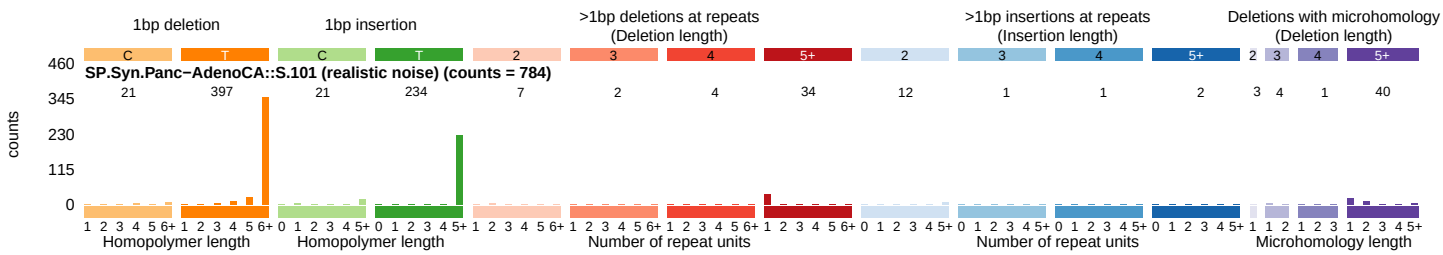
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.98 (realistic noise) (counts = 535)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.99 (realistic 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.Panc−AdenoCA::S.100 (realistic noise) (counts = 1615)
counts
Homopolymer length
Number of repeat units
Microhomology length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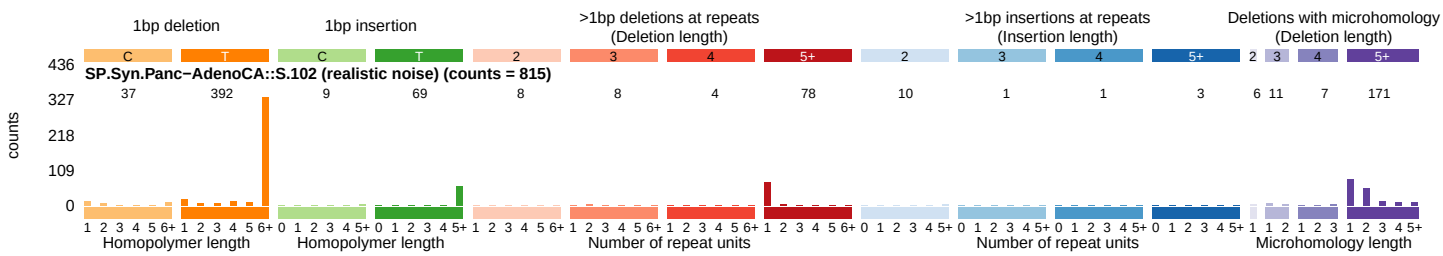
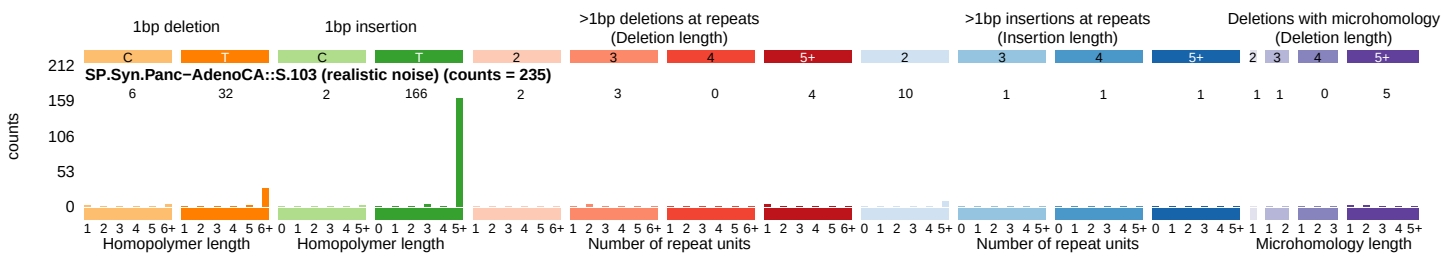
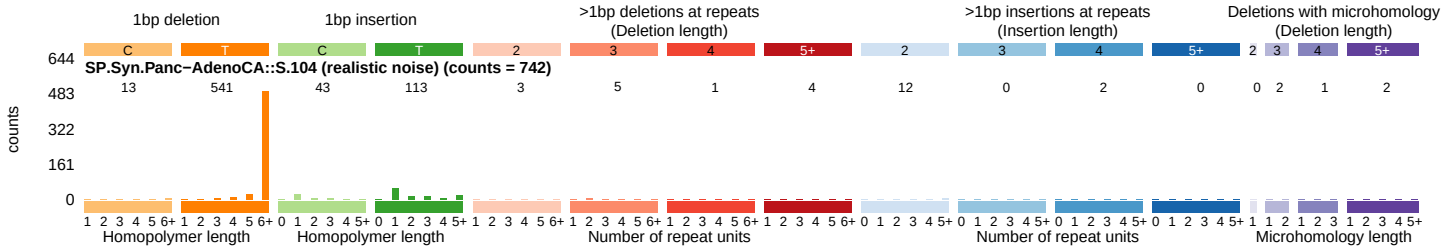
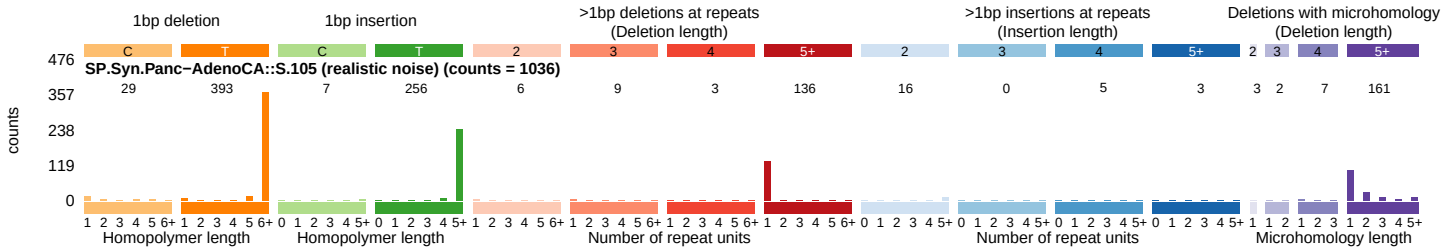
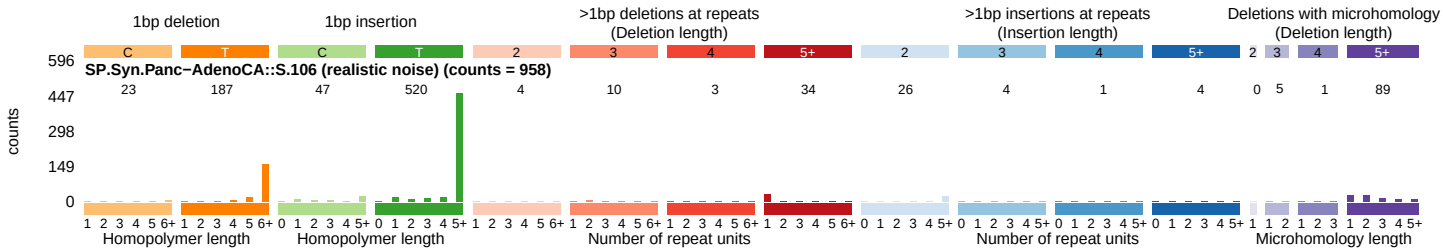
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.101 (realistic noise) (counts = 784)
counts
Homopolymer length
Number of repeat units
Microhomology length

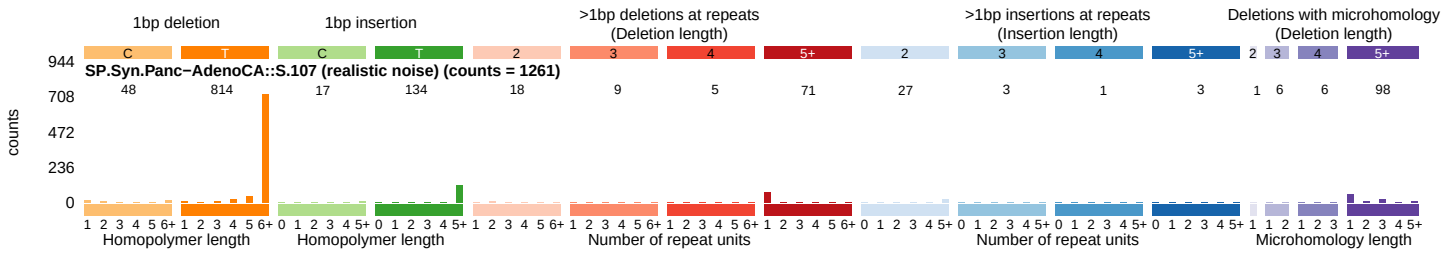

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.102 (realistic noise) (counts = 815)
counts
Homopolymer length
Number of repeat units
Microhomology length

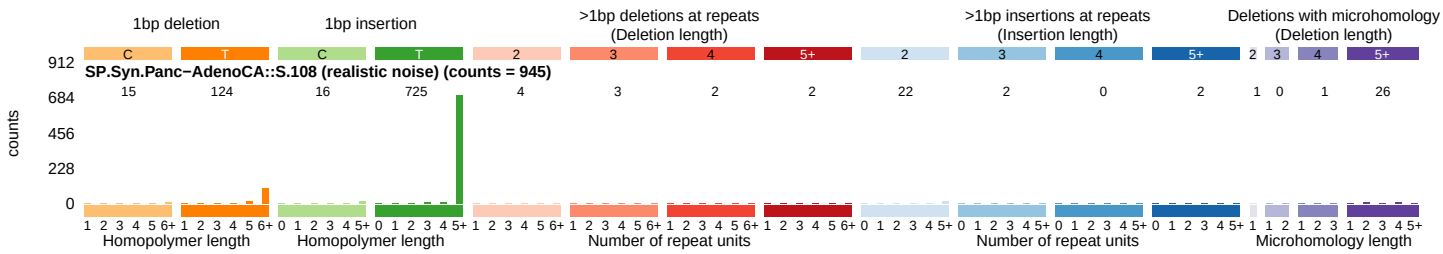

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.103 (realistic noise) (counts = 235)
counts
Homopolymer length
Number of repeat units
Microhomology length

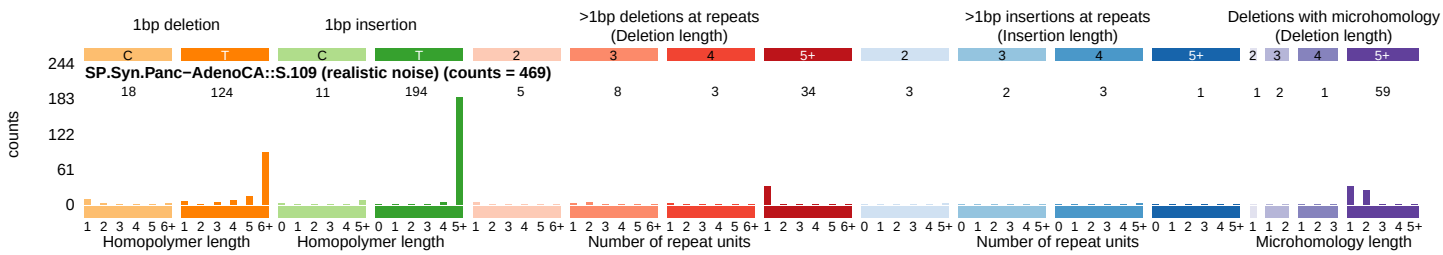

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.104 (realistic noise) (counts = 742)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
13 541 43 113 3 5 1 4 12 0 2 0 0 2 1 2
counts
644 483 322 161 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

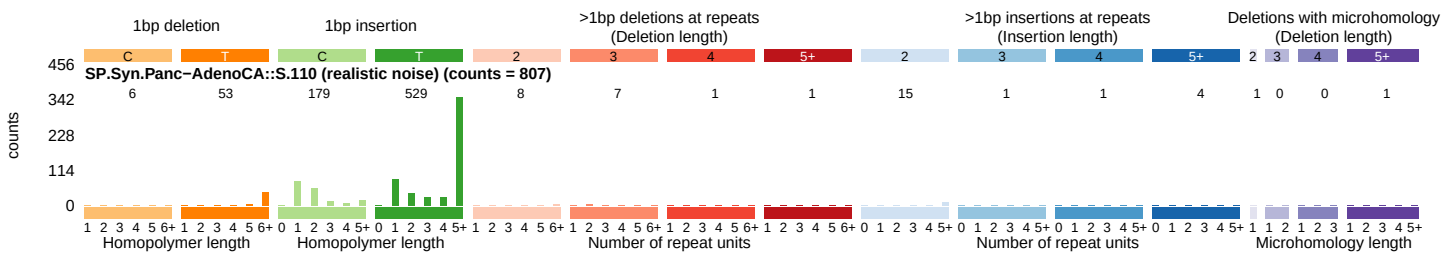

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.105 (realistic noise) (counts = 1036)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
29 393 7 256 6 9 3 136 16 0 5 3 3 2 7 161
counts
476 357 238 119 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

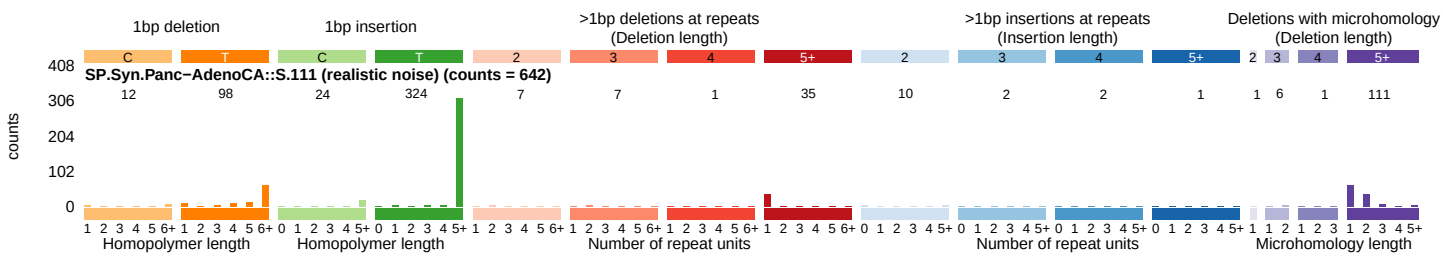

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.106 (realistic noise) (counts = 958)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
23 187 47 520 4 10 3 34 26 4 1 4 0 5 1 89
counts
596 447 298 149 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

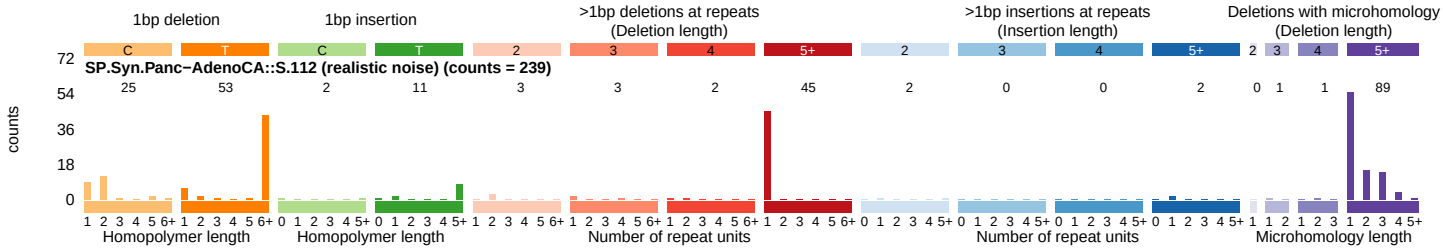

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.107 (realistic noise) (counts = 1261)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
48 814 17 134 18 9 5 71 27 3 1 3 1 6 6 98
counts
944 708 472 236 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

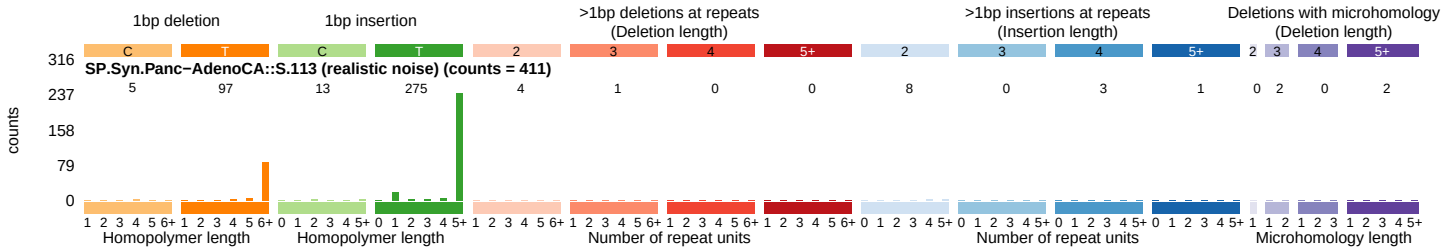

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.108 (realistic noise) (counts = 945)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
15 124 16 725 4 3 2 2 22 2 0 2 1 0 1 26
counts
912 684 456 228 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

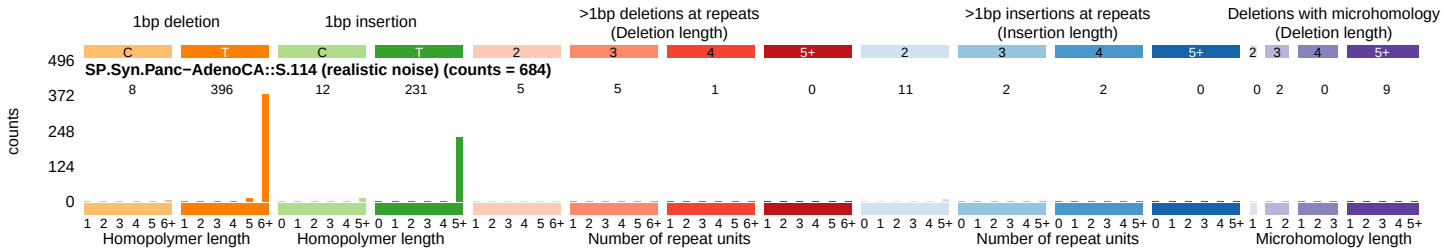

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.109 (realistic noise) (counts = 469)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
18 124 11 194 5 8 3 34 3 2 3 1 1 2 1 59
counts
244 183 122 61 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

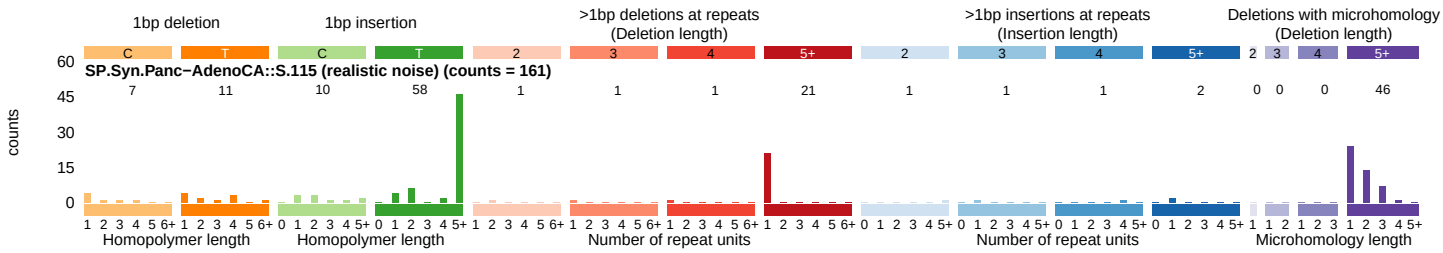

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.110 (realistic noise) (counts = 807)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
6 53 179 529 8 7 1 1 15 1 1 4 1 0 0 1
counts
456 342 228 114 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

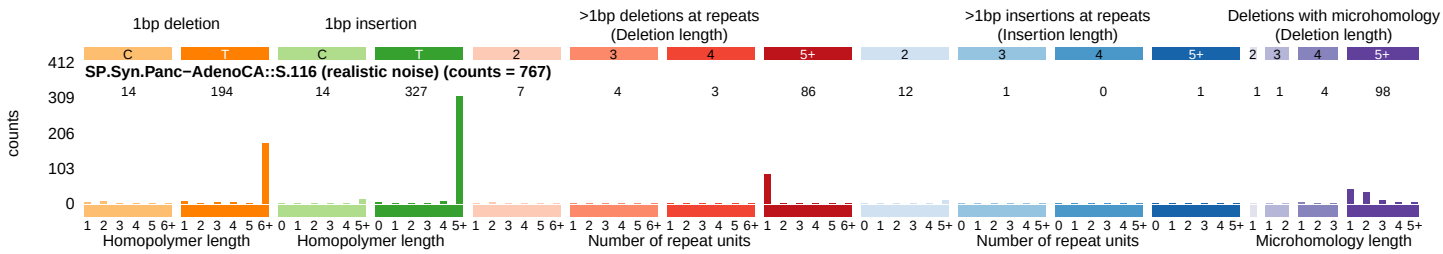

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.111 (realistic noise) (counts = 642)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
12 98 24 324 7 7 1 35 10 2 2 1 1 6 1 111
counts
408 306 204 102 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

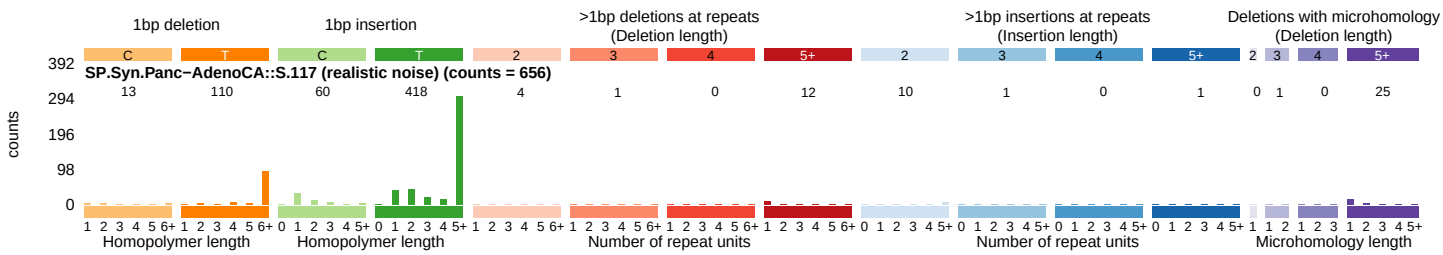

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.112 (realistic noise) (counts = 239)
counts
Homopolymer length
Number of repeat units
Microhomology length

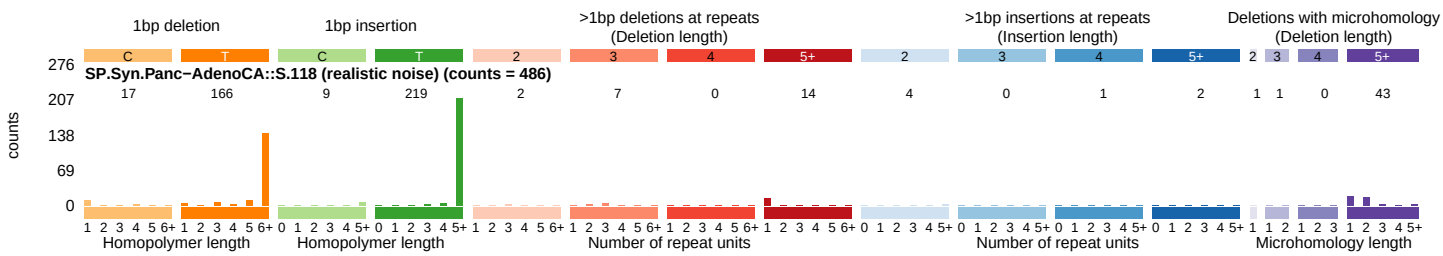

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.113 (realistic noise) (counts = 411)
counts
Homopolymer length
Number of repeat units
Microhomology length

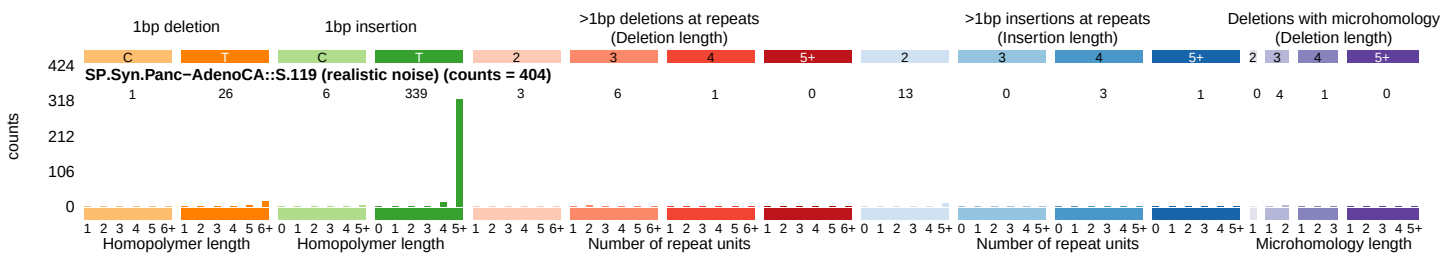

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.114 (realistic noise) (counts = 684)
counts
Homopolymer length
Number of repeat units
Microhomology length

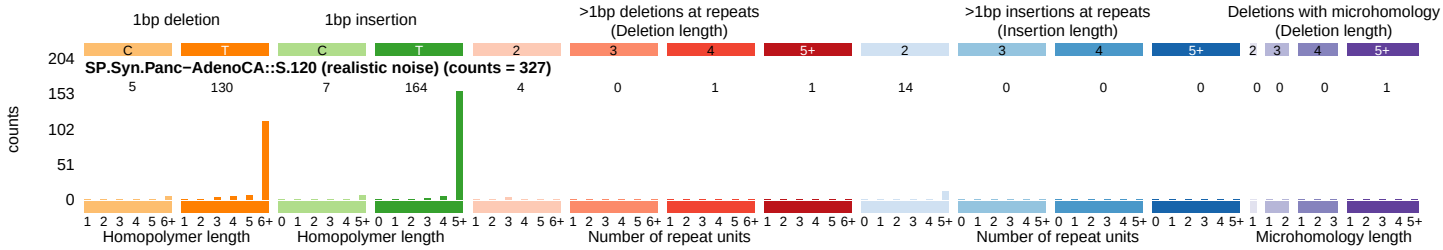

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.115 (realistic noise) (counts = 161)
counts
Homopolymer length
Number of repeat units
Microhomology length

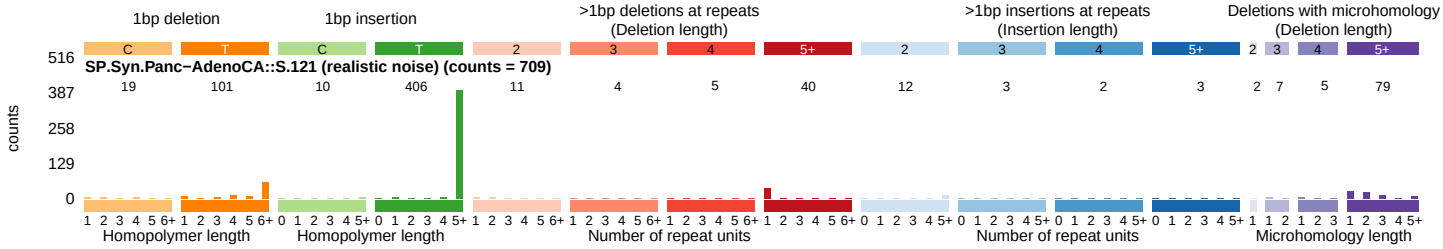

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.116 (realistic noise) (counts = 767)
counts
Homopolymer length
Number of repeat units
Microhomology length

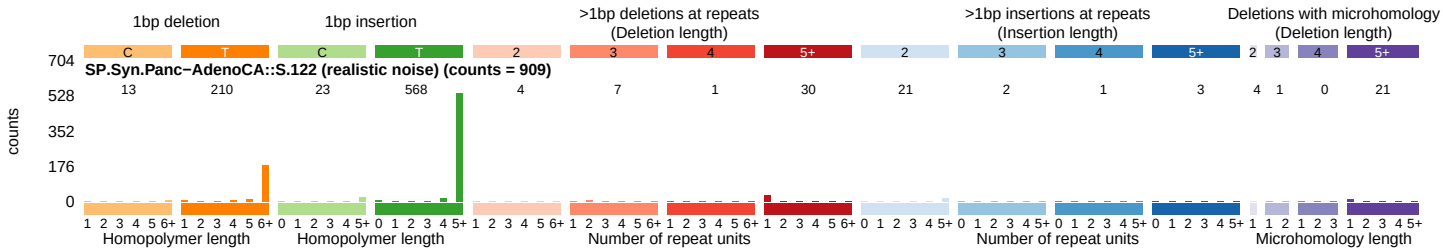

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.117 (realistic noise) (counts = 656)
counts
Homopolymer length
Number of repeat units
Microhomology length

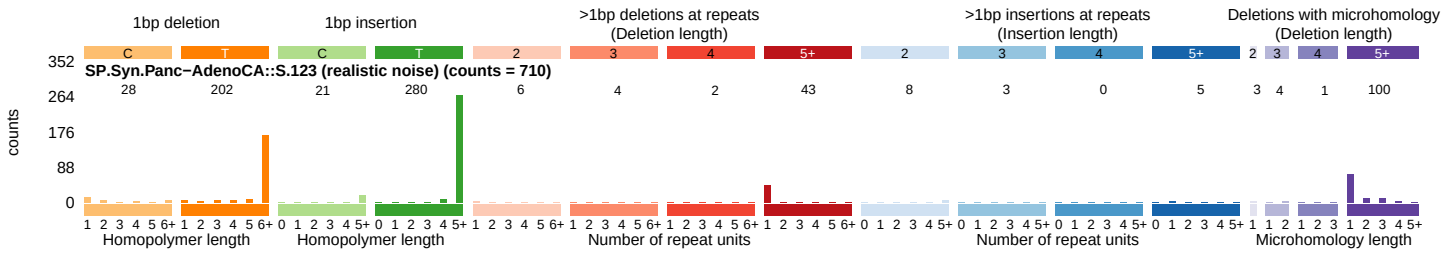

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.118 (realistic noise) (counts = 486)
counts
Homopolymer length
Number of repeat units
Microhomology length

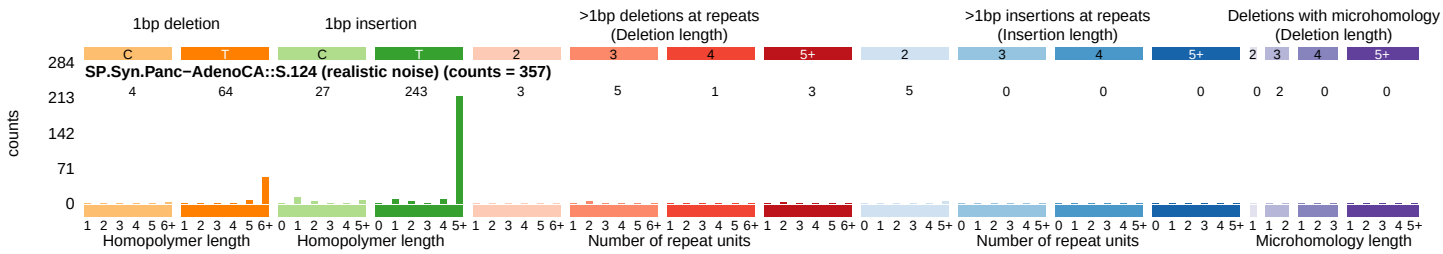

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.119 (realistic noise) (counts = 404)
counts
Homopolymer length
Number of repeat units
Microhomology length

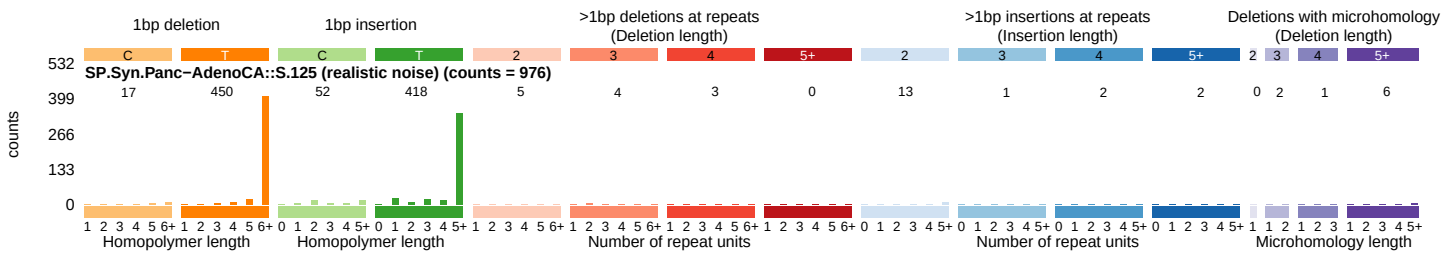

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.120 (realistic noise) (counts = 327)
5 130 7 164 4 0 1 1 14 0 0 0 0 0 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length

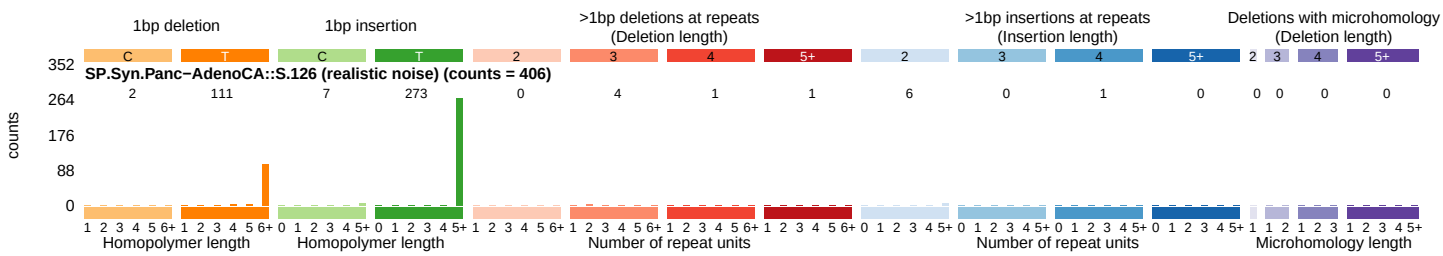

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.121 (realistic noise) (counts = 709)
19 101 10 406 11 4 5 40 12 3 2 3 2 7 5 79
counts
Homopolymer length
Number of repeat units
Microhomology length

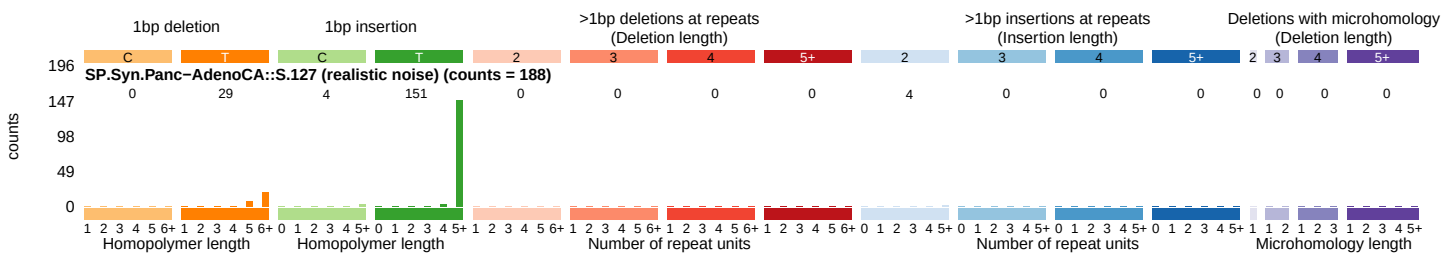

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.122 (realistic noise) (counts = 909)
13 210 23 568 4 7 1 30 21 2 1 3 4 1 0 21
counts
Homopolymer length
Number of repeat units
Microhomology length

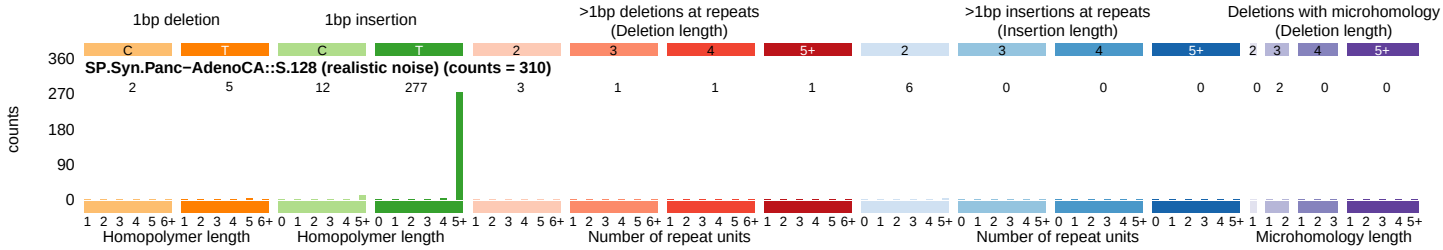

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.123 (realistic noise) (counts = 710)
28 202 21 280 6 4 2 43 8 3 0 5 3 4 1 100
counts
Homopolymer length
Number of repeat units
Microhomology length

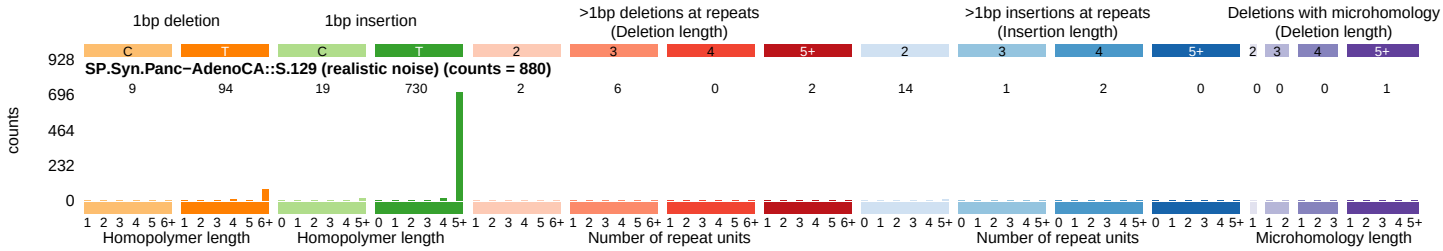

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.124 (realistic noise) (counts = 357)
4 64 27 243 3 5 1 3 5 0 0 0 0 2 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

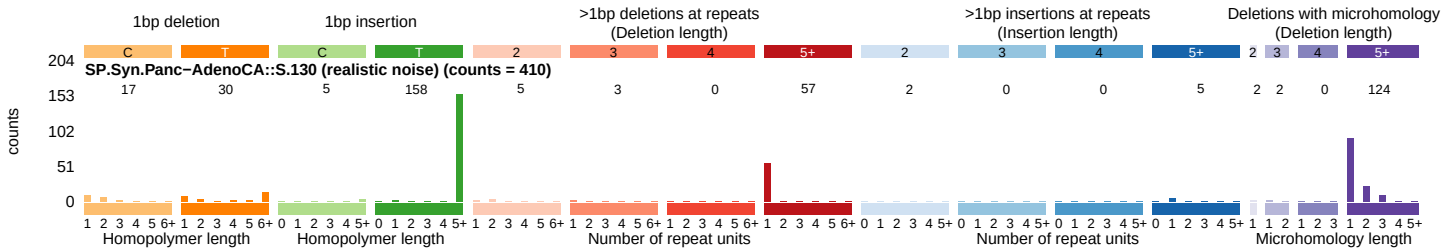

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.125 (realistic noise) (counts = 976)
17 450 52 418 5 4 3 0 13 1 2 2 0 2 1 6
counts
Homopolymer length
Number of repeat 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−AdenoCA::S.126 (realistic noise) (counts = 406)
2 111 7 273 0 4 1 1 6 0 1 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.127 (realistic noise) (counts = 188)
0 29 4 151 0 0 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.Panc−AdenoCA::S.128 (realistic 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.Panc−AdenoCA::S.129 (realistic noise) (counts = 880)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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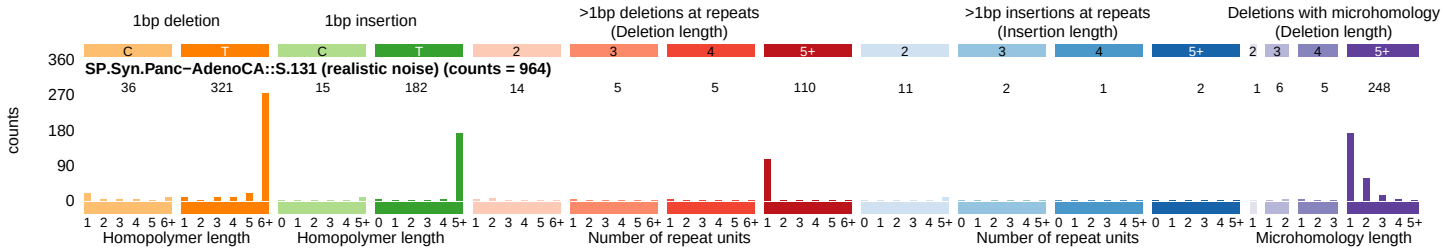
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.130 (realistic noise) (counts = 410)
counts
Homopolymer length
Number of repeat units
Microhomology length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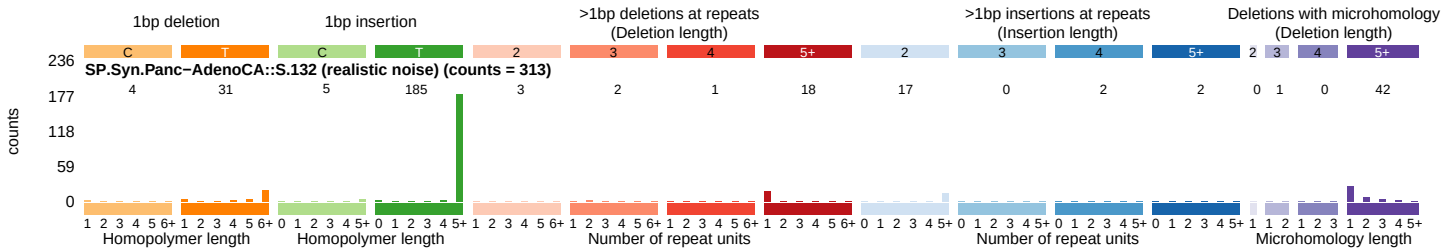
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.131 (realistic noise) (counts = 964)
counts
Homopolymer length
Number of repeat units
Microhomology length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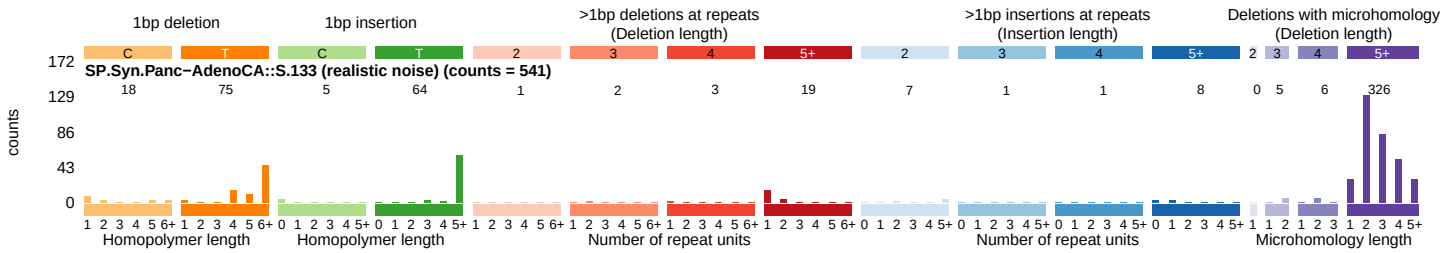
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.132 (realistic noise) (counts = 313)
counts
Homopolymer length
Number of repeat units
Microhomology length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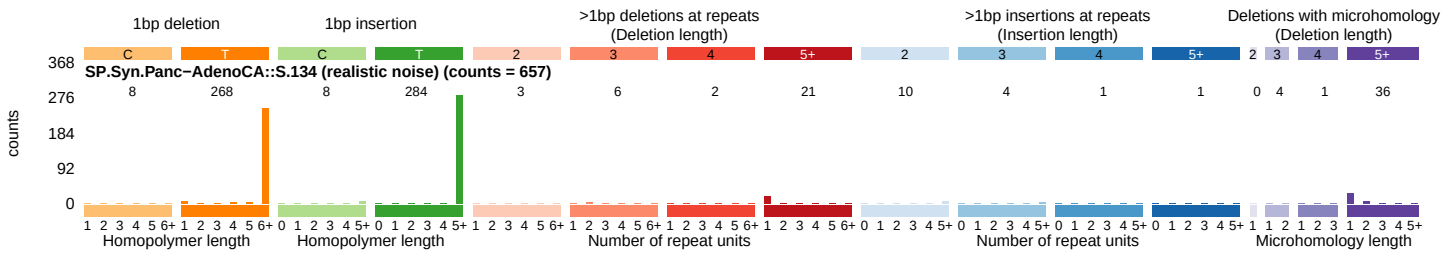
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.133 (realistic noise) (counts = 541)
counts
Homopolymer length
Number of repeat units
Microhomology length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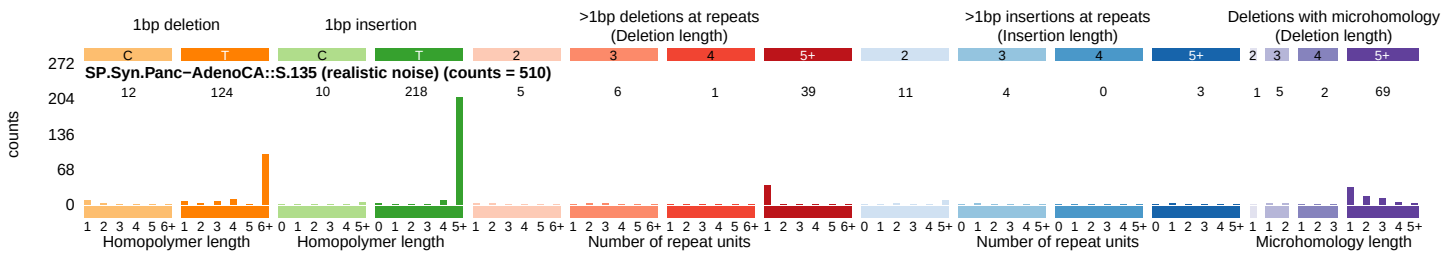
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.134 (realistic noise) (counts = 657)
counts
Homopolymer length
Number of repeat units
Microhomology length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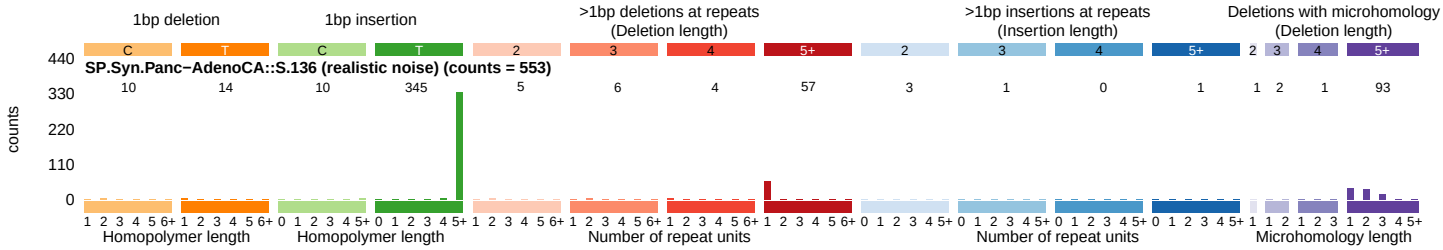
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.135 (realistic noise) (counts = 510)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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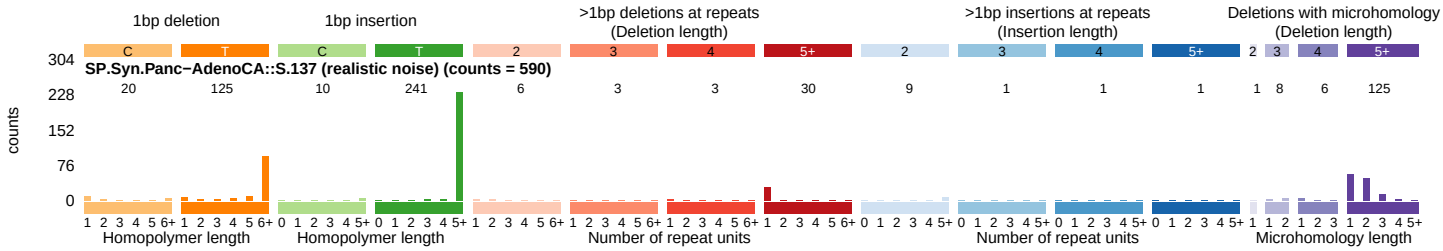
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.136 (realistic noise) (counts = 553)
10 14 10 345 5 6 4 57 3 1 0 1 1 2 1 93
counts
440 330 220 110 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 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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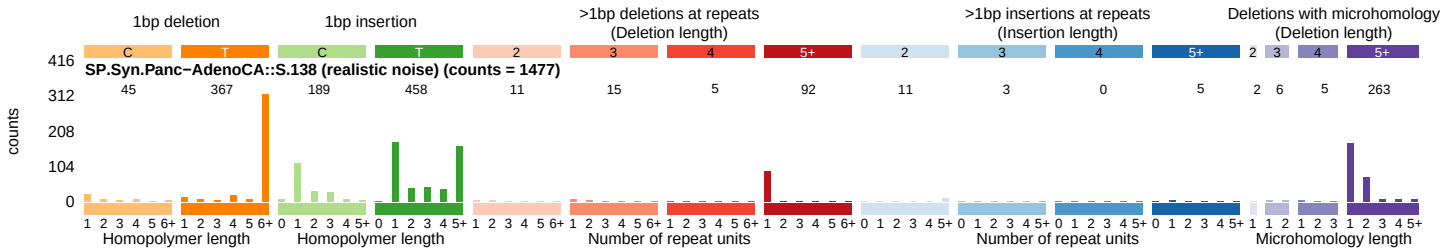
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.137 (realistic noise) (counts = 590)
20 125 10 241 6 3 3 30 9 1 1 1 1 8 6 125
counts
304 228 152 76 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 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)
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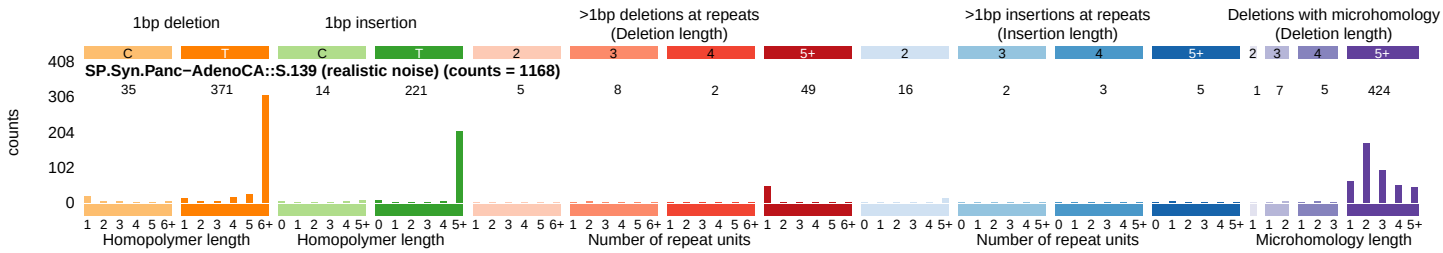
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.138 (realistic noise) (counts = 1477)
45 367 189 458 11 15 5 92 11 3 0 5 2 6 5 263
counts
416 312 208 104 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 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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1bp insertion
>1bp deletions at repeats (Deletion length)
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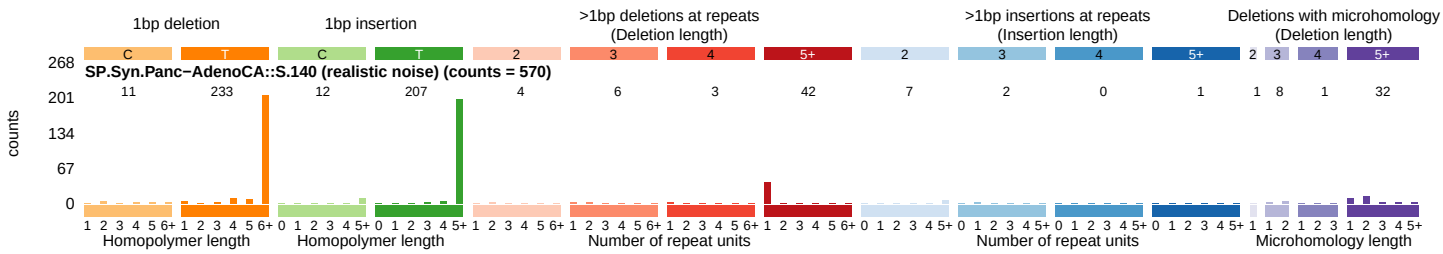
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.139 (realistic noise) (counts = 1168)
35 371 14 221 5 8 2 49 16 2 3 5 1 7 5 424
counts
408 306 204 102 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 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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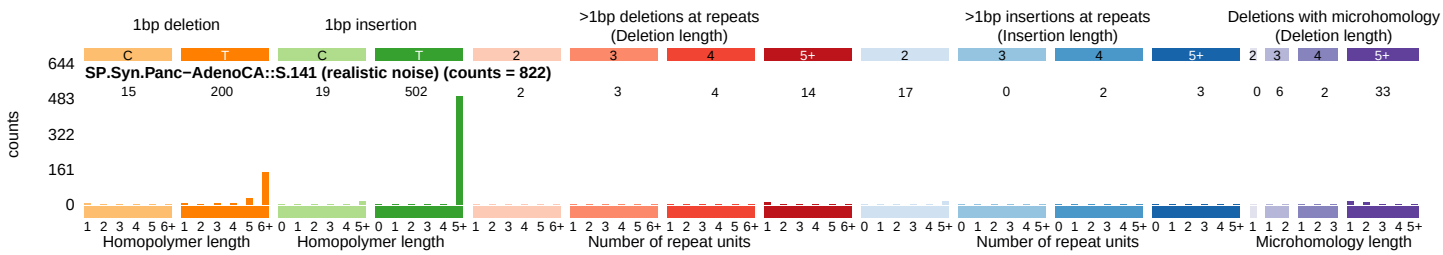
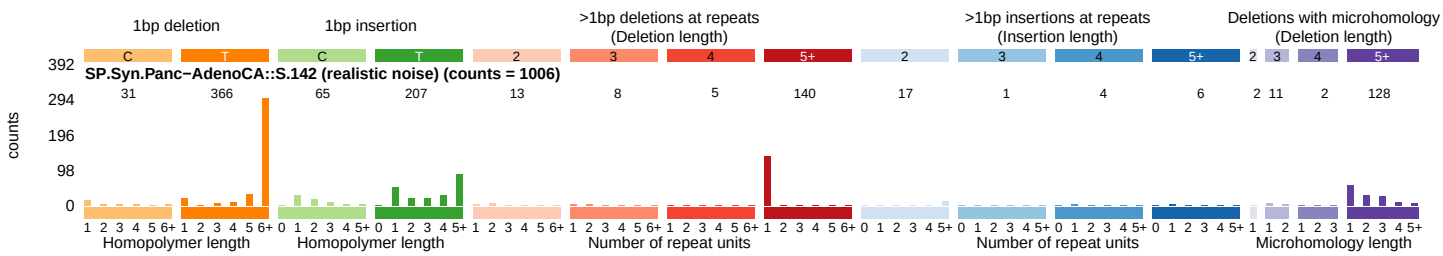
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.140 (realistic noise) (counts = 570)
11 233 12 207 4 6 3 42 7 2 0 1 1 8 1 32
counts
268 201 134 67 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 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 (realistic noise) (counts = 822)
15 200 19 502 2 3 4 14 17 0 2 3 0 6 2 33
counts
644 483 322 161 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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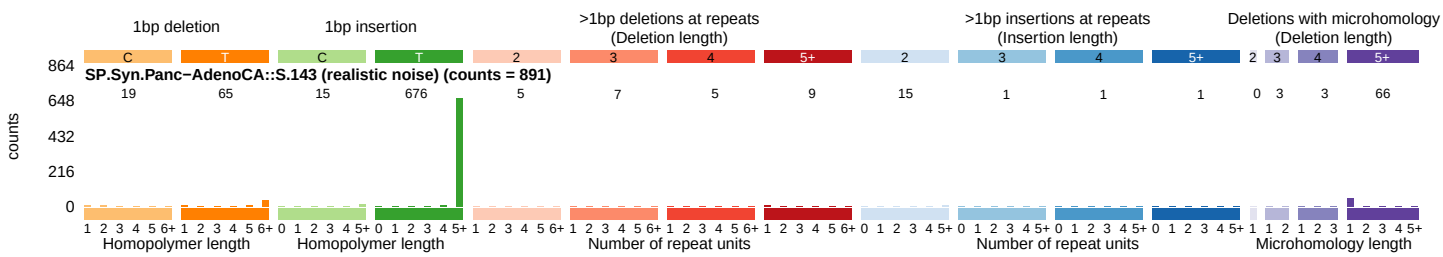
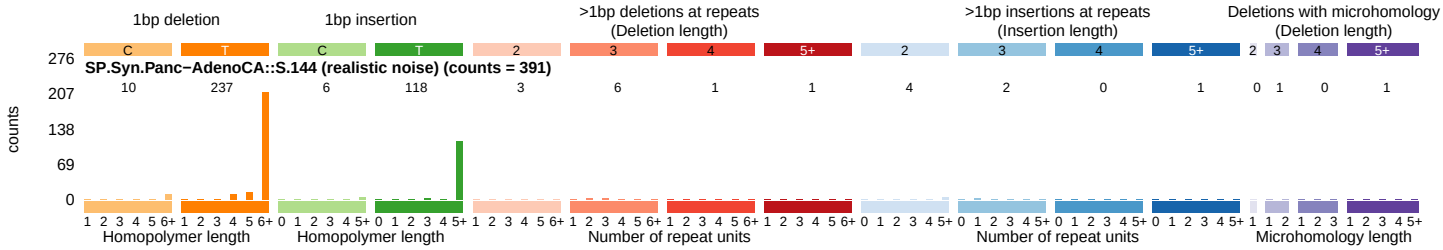
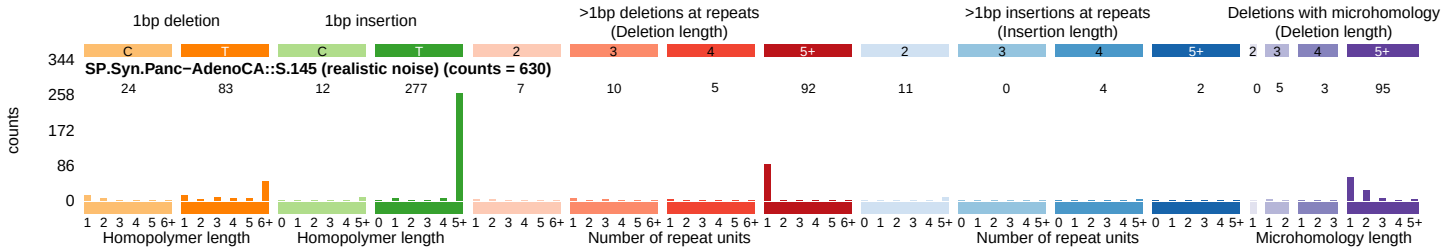
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.142 (realistic noise) (counts = 1006)
31 366 65 207 13 8 5 140 17 1 4 6 2 11 2 128
counts
392 294 196 98 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 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 (realistic noise) (counts = 891)
19 65 15 676 5 7 5 9 15 1 1 1 0 3 3 66
counts
864 648 432 216 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.144 (realistic noise) (counts = 391)
counts
Homopolymer length
Number of repeat units
Microhomology length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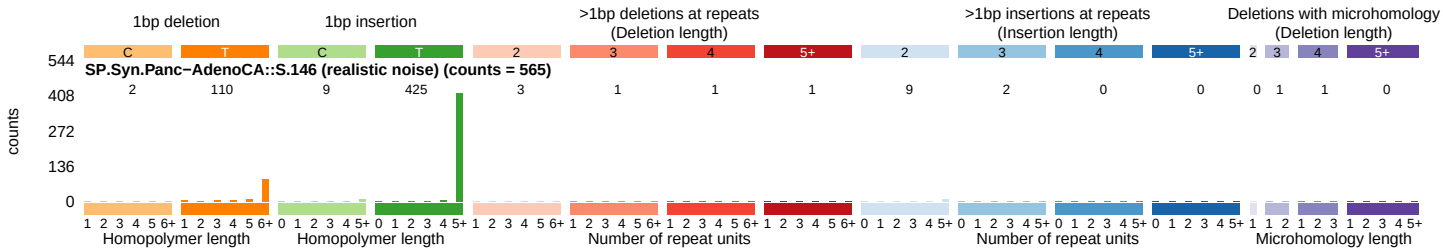
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.145 (realistic noise) (counts = 630)
counts
Homopolymer length
Number of repeat units
Microhomology length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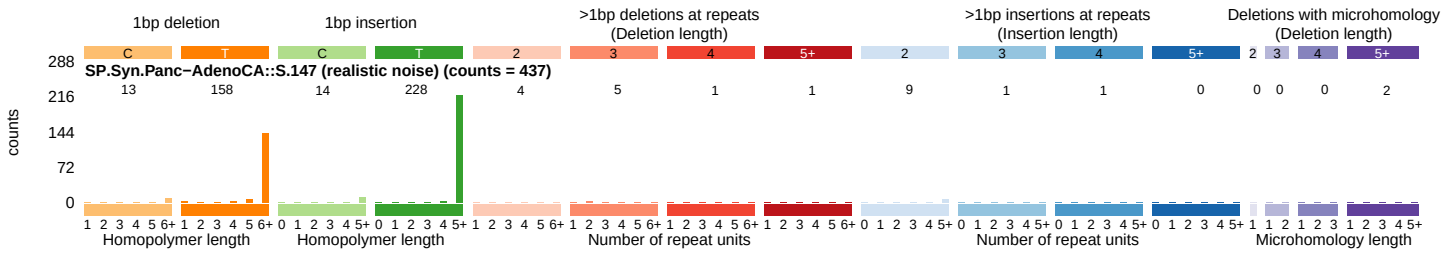
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.146 (realistic noise) (counts = 565)
counts
Homopolymer length
Number of repeat units
Microhomology length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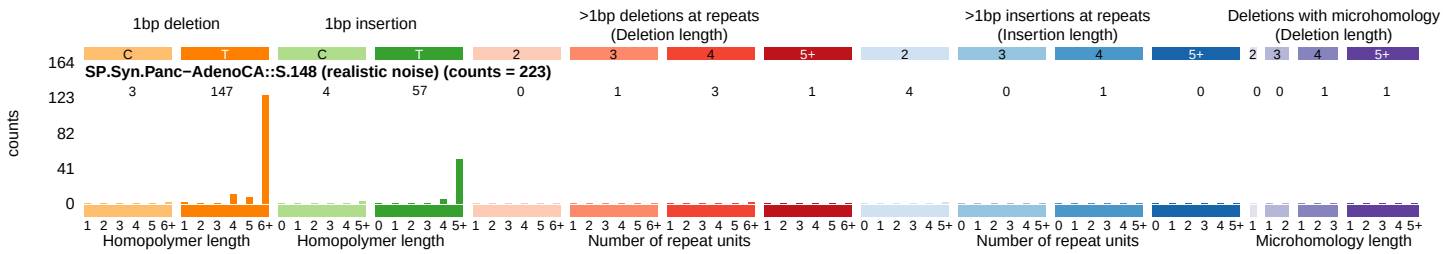
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.147 (realistic noise) (counts = 437)
counts
Homopolymer length
Number of repeat units
Microhomology length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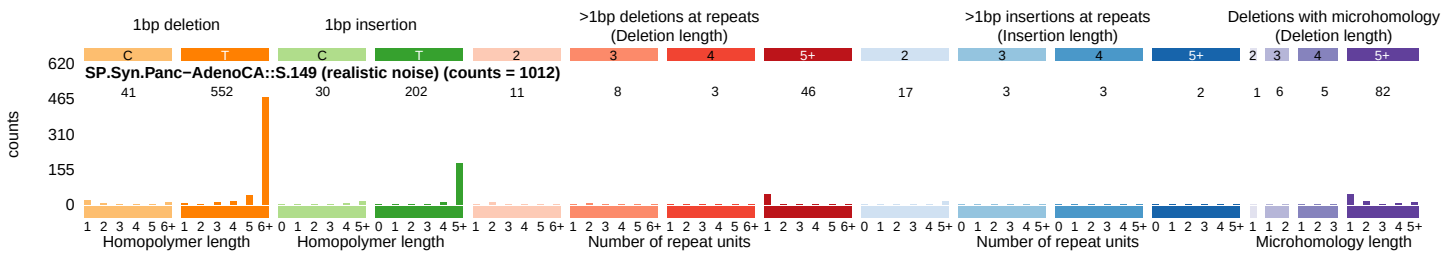
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.148 (realistic noise) (counts = 223)
counts
Homopolymer length
Number of repeat units
Microhomology length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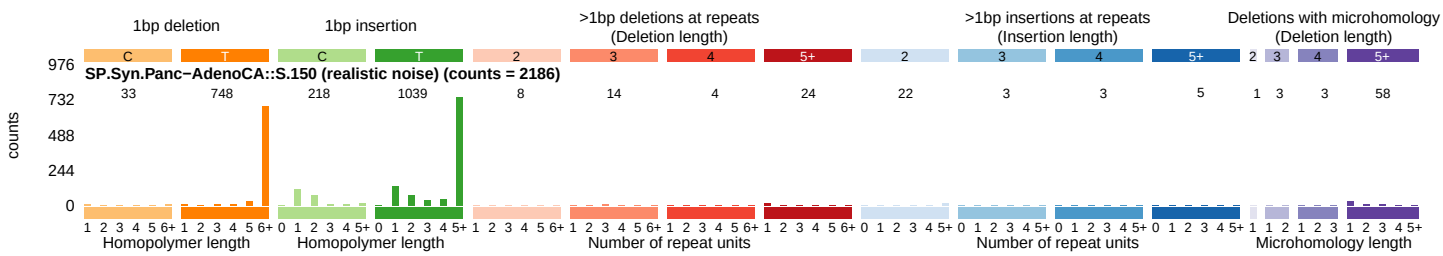
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.149 (realistic noise) (counts = 1012)
counts
Homopolymer length
Number of repeat units
Microhomology length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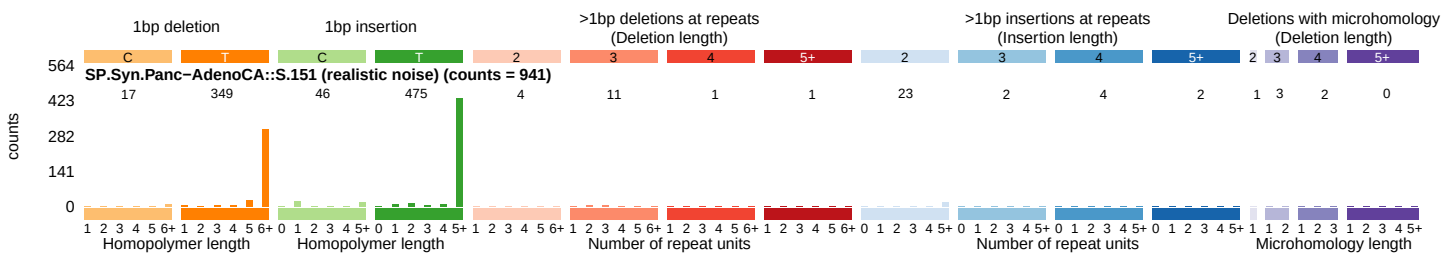
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.150 (realistic noise) (counts = 2186)
counts
Homopolymer length
Number of repeat units
Microhomology length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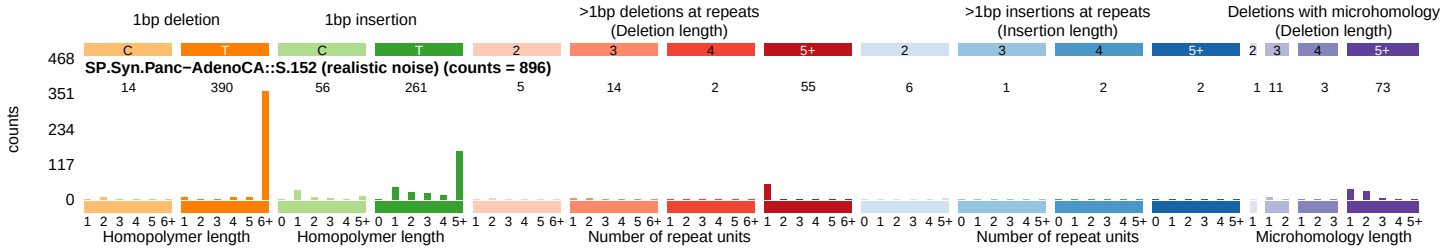
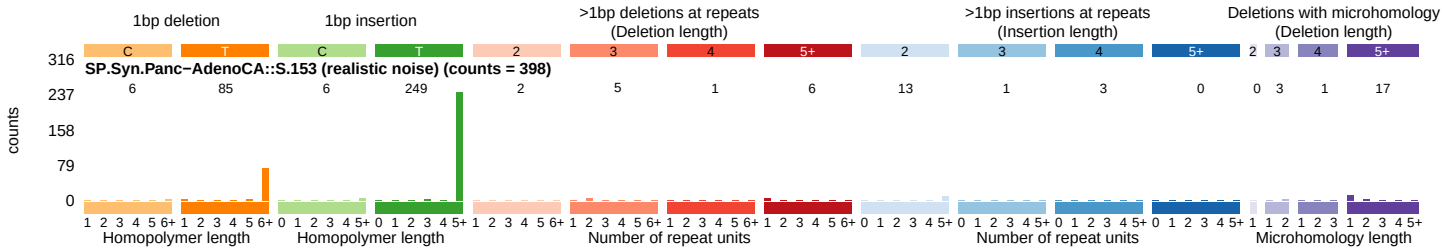
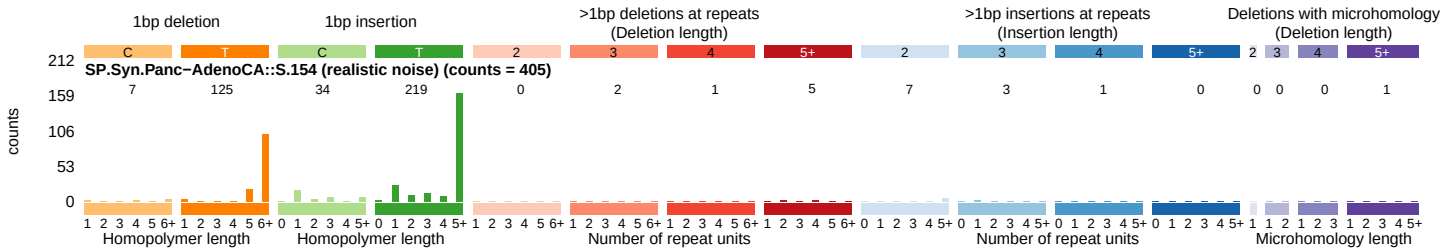
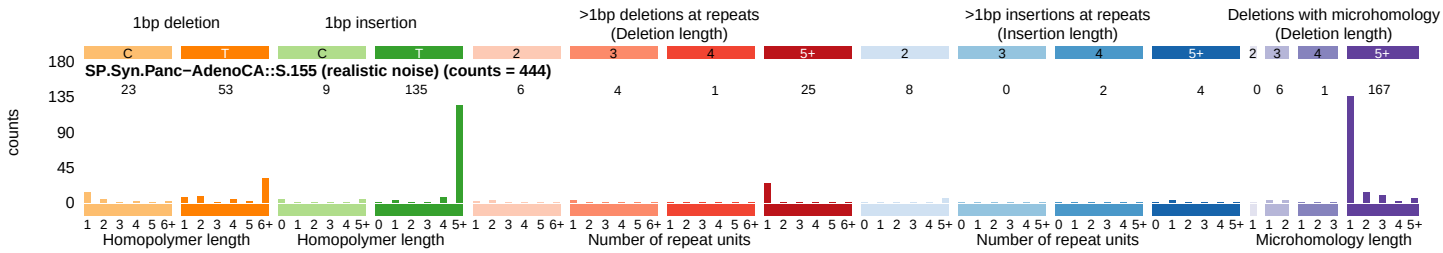
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.151 (realistic noise) (counts = 941)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.152 (realistic noise) (counts = 896)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
14 390 56 261 5 14 2 55 6 1 2 2 1 11 3 73
counts
468 351 234 117 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.153 (realistic noise) (counts = 398)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
6 85 6 249 2 5 1 6 13 1 3 0 0 3 1 17
counts
316 237 158 79 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.154 (realistic noise) (counts = 405)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
7 125 34 219 0 2 1 5 7 3 1 0 0 0 0 1
counts
212 159 106 53 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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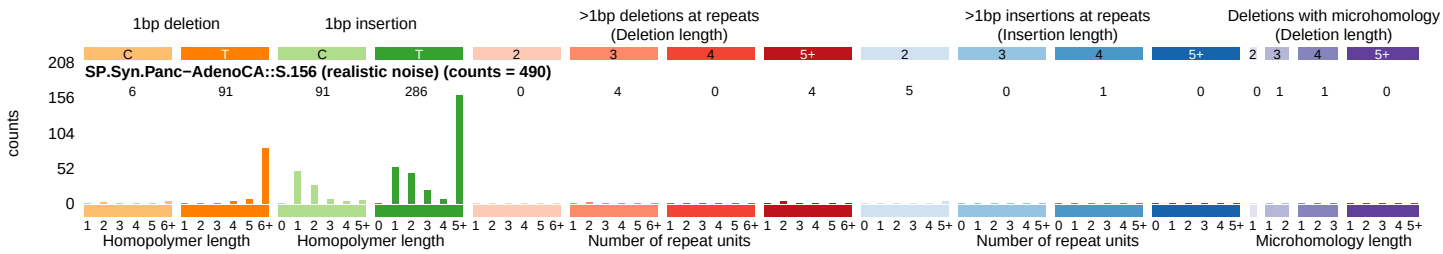
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.155 (realistic noise) (counts = 444)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
23 53 9 135 6 4 1 25 8 0 2 4 0 6 1 167
counts
180 135 90 45 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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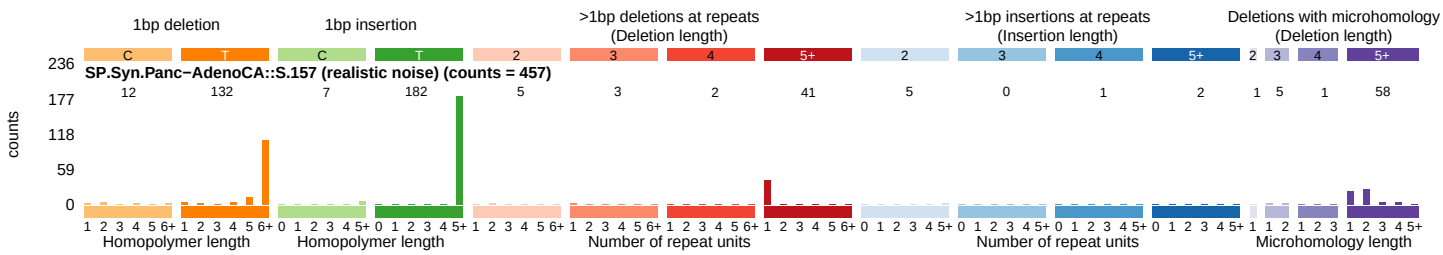
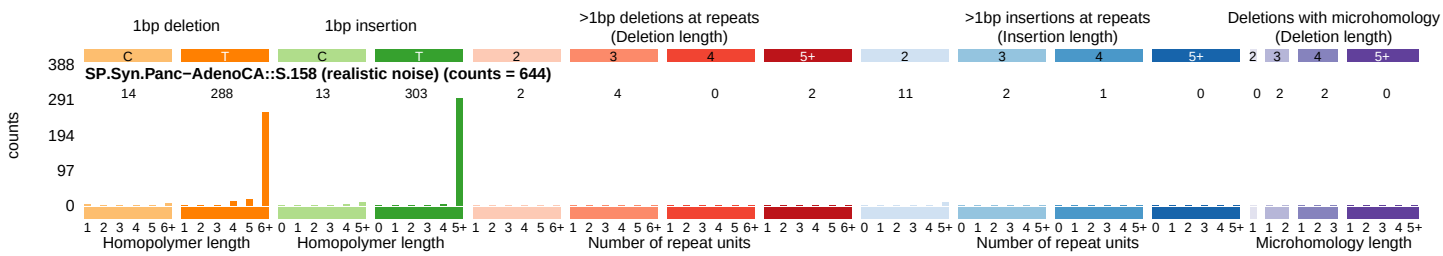
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.156 (realistic noise) (counts = 490)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
6 91 91 286 0 4 0 4 5 0 1 0 0 1 1 0
counts
208 156 104 52 0
Homopolymer length
Homopolymer length
Number of repeat 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.Panc−AdenoCA::S.157 (realistic noise) (counts = 457)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
12 132 7 182 5 3 2 41 5 0 1 2 1 5 1 58
counts
236 177 118 59 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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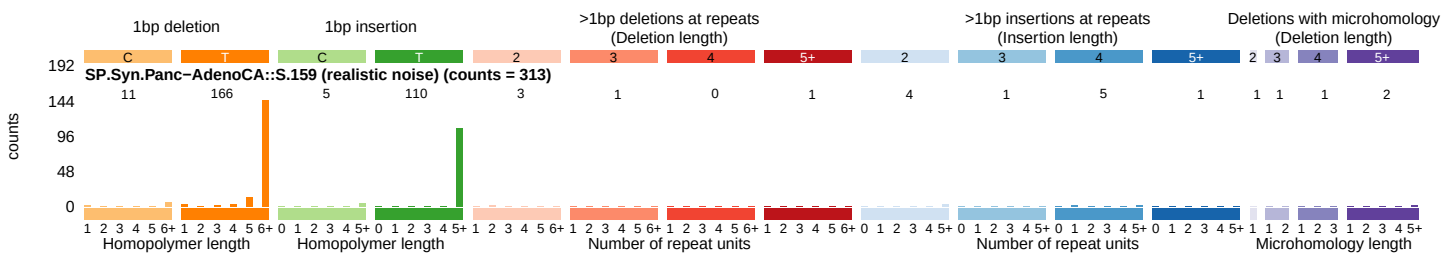
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.158 (realistic noise) (counts = 644)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
14 288 13 303 2 4 0 2 11 2 1 0 0 2 2 0
counts
388 291 194 97 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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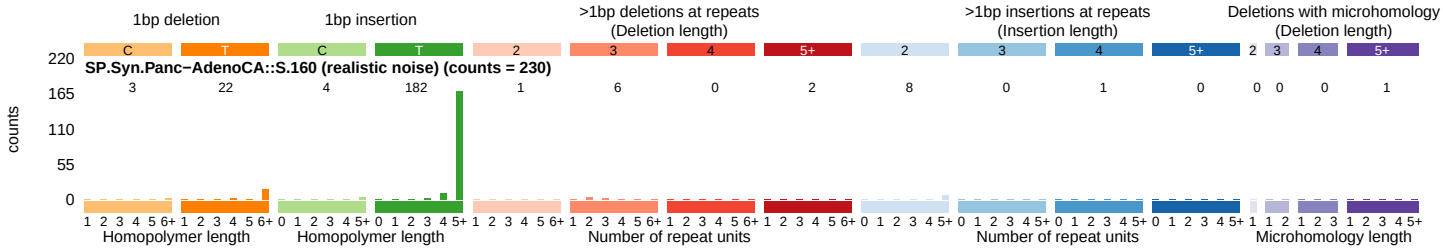
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.159 (realistic noise) (counts = 313)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
11 166 5 110 3 1 0 1 4 1 5 1 1 1 1 2
counts
192 144 96 48 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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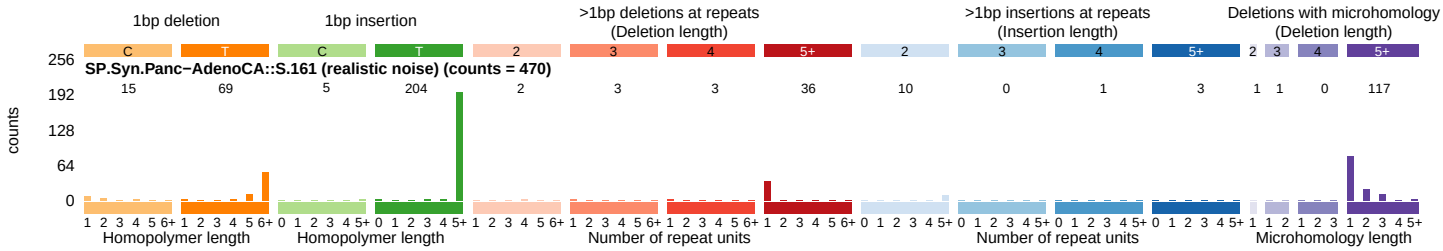
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.160 (realistic noise) (counts = 230)
3 22 4 182 1 6 0 2 8 0 1 0 0 0 0 1
counts
220 165 110 55 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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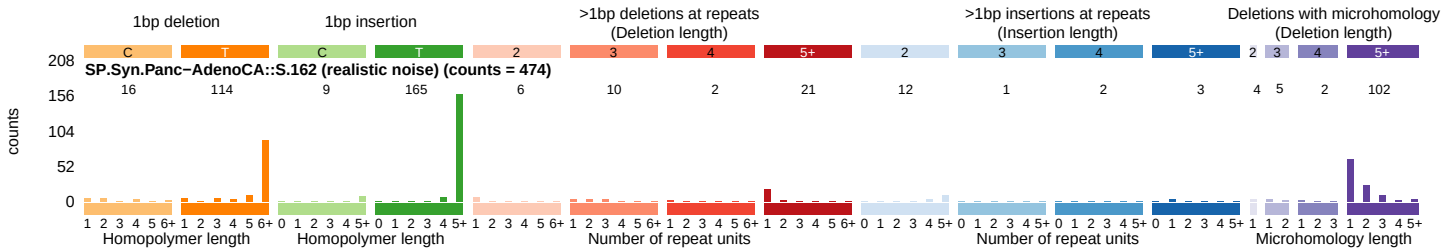
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.161 (realistic noise) (counts = 470)
15 69 5 204 2 3 3 36 10 0 1 3 1 1 0 117
counts
256 192 128 64 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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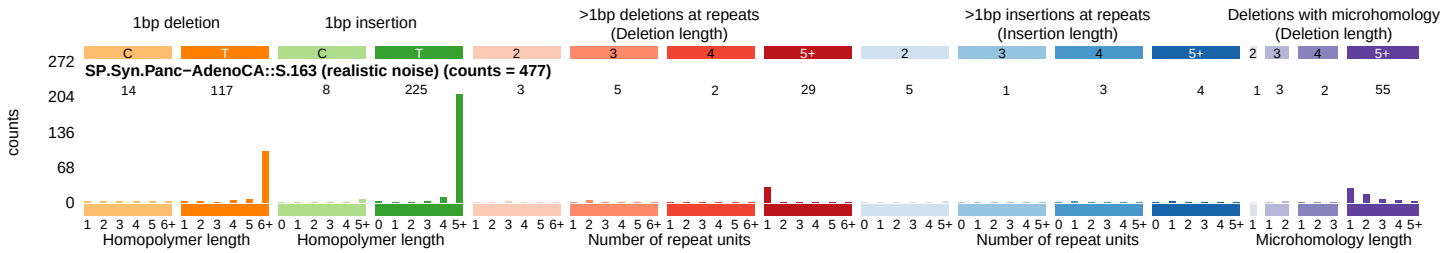
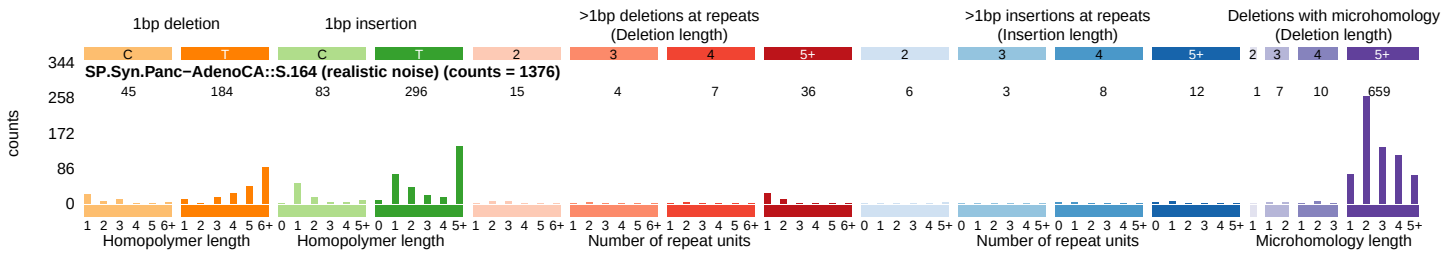
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.162 (realistic noise) (counts = 474)
16 114 9 165 6 10 2 21 12 1 2 3 4 5 2 102
counts
208 156 104 52 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.163 (realistic noise) (counts = 477)
14 117 8 225 3 5 2 29 5 1 3 4 1 3 2 55
counts
272 204 136 68 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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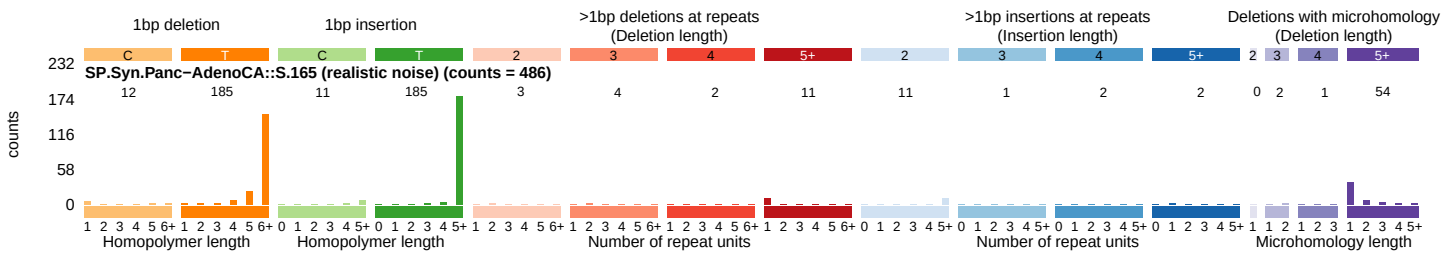
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.164 (realistic noise) (counts = 1376)
45 184 83 296 15 4 7 36 6 3 8 12 1 7 10 659
counts
344 258 172 86 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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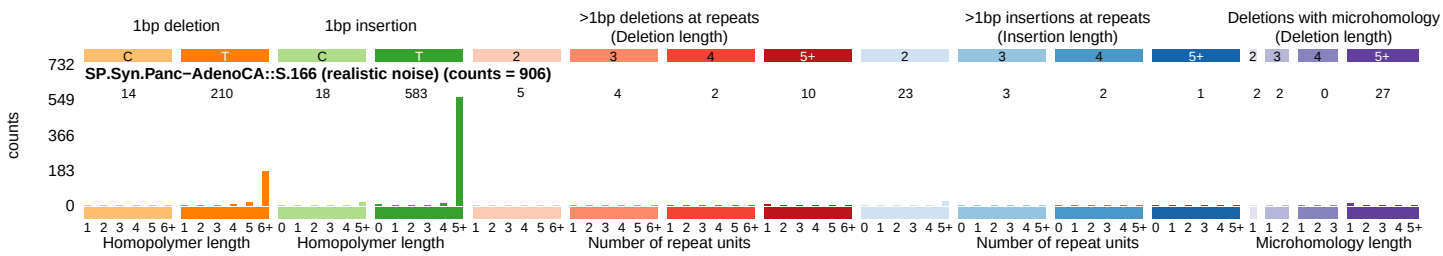
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.165 (realistic noise) (counts = 486)
12 185 11 185 3 4 2 11 11 1 2 2 0 2 1 54
counts
232 174 116 58 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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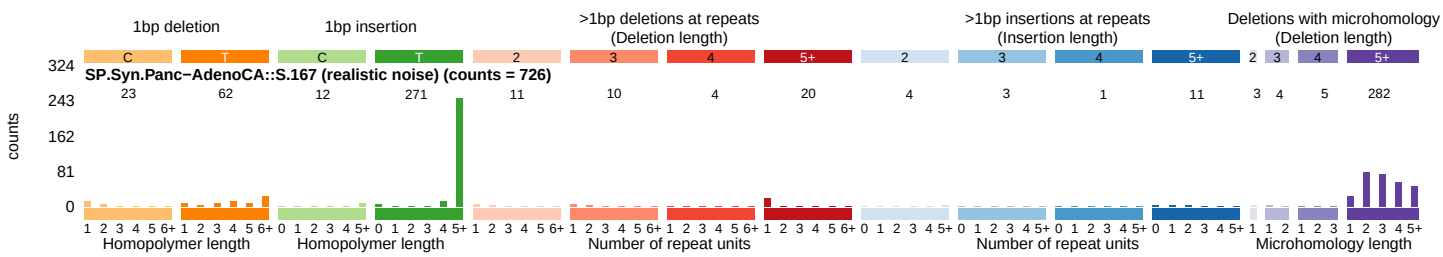
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.166 (realistic noise) (counts = 906)
14 210 18 583 5 4 2 10 23 3 2 1 2 2 0 27
counts
732 549 366 183 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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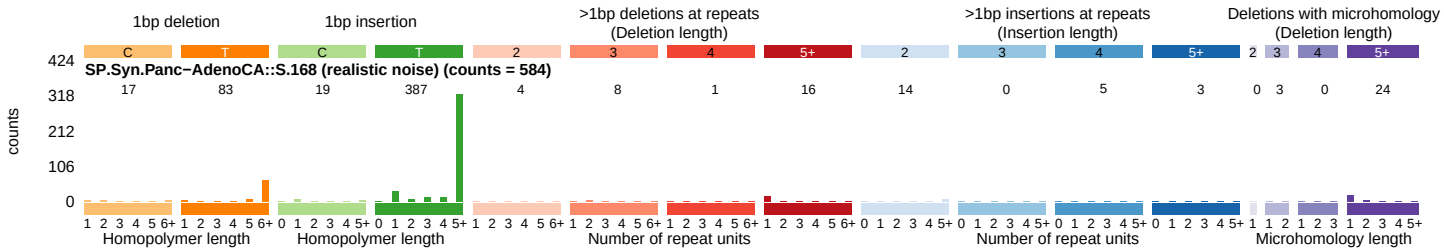
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.167 (realistic noise) (counts = 726)
23 62 12 271 11 10 4 20 4 3 1 11 3 4 5 282
counts
324 243 162 81 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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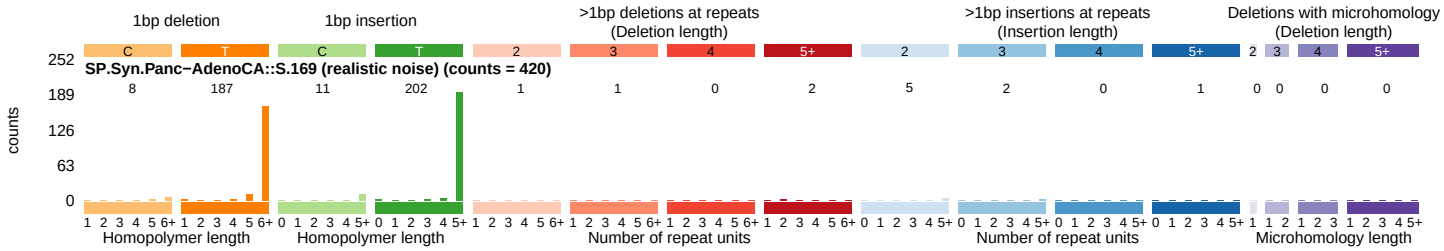
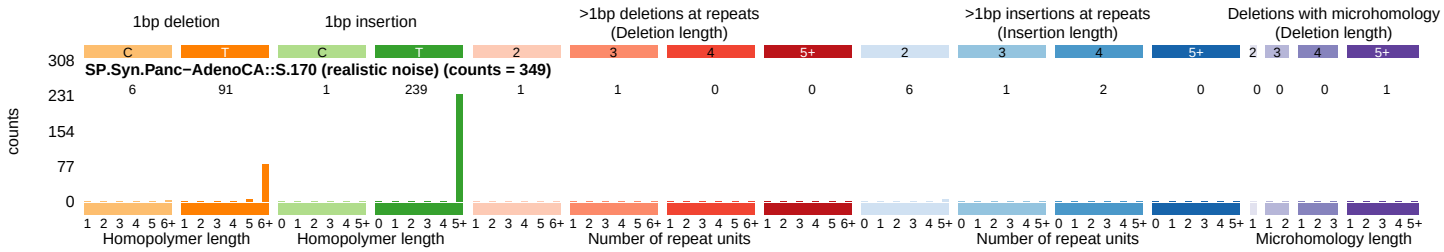
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.168 (realistic noise) (counts = 584)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
17 83 19 387 4 8 1 16 14 0 5 3 0 3 0 24
counts
424 318 212 106 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.Panc−AdenoCA::S.169 (realistic noise) (counts = 420)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
8 187 11 202 1 1 0 2 5 2 0 1 0 0 0 0
counts
252 189 126 63 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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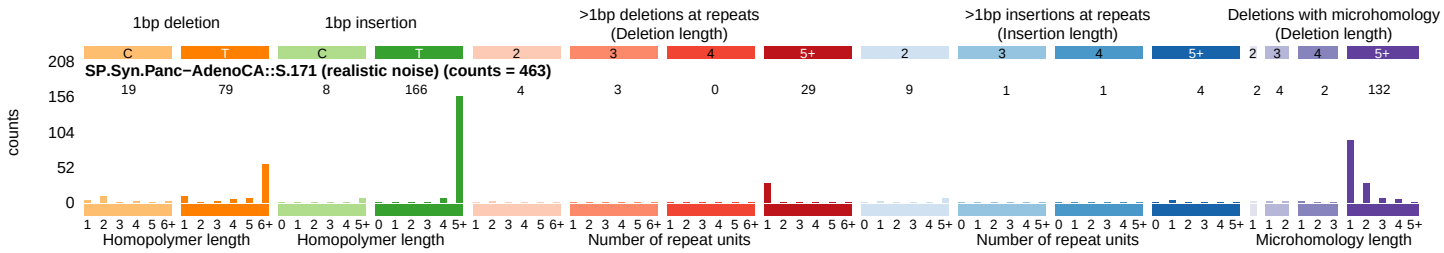
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.170 (realistic noise) (counts = 349)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
6 91 1 239 1 1 0 0 6 1 2 0 0 0 0 1
counts
308 231 154 77 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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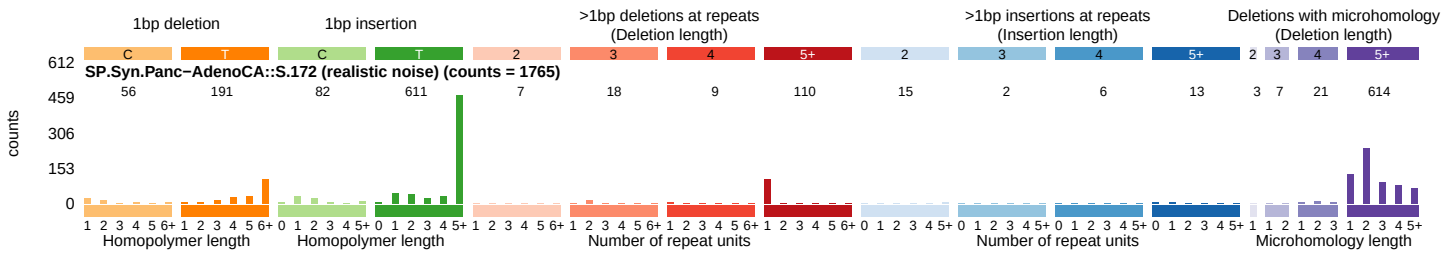
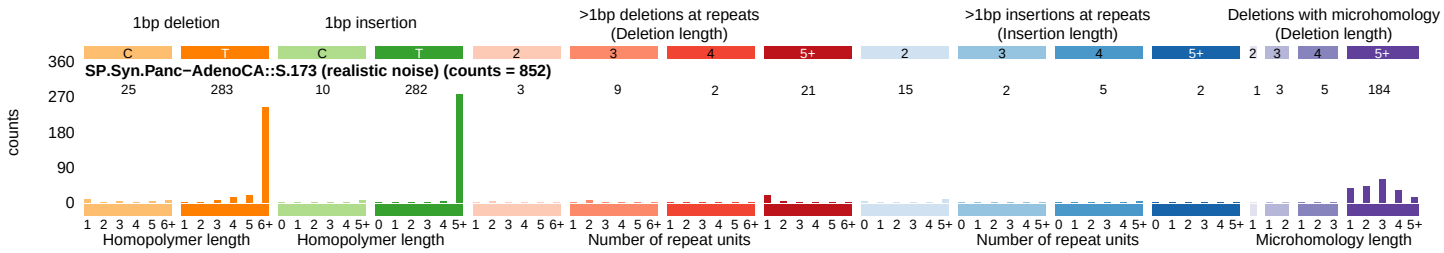
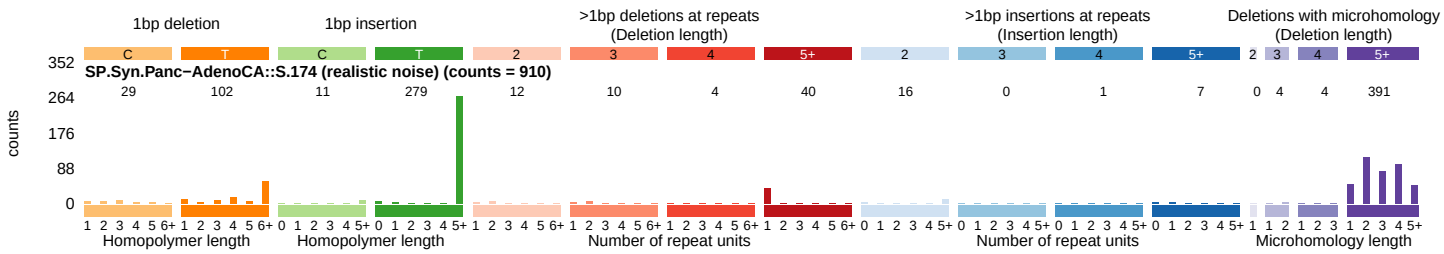
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.171 (realistic noise) (counts = 463)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
19 79 8 166 4 3 0 29 9 1 1 4 2 4 2 132
counts
208 156 104 52 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.172 (realistic noise) (counts = 1765)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
56 191 82 611 7 18 9 110 15 2 6 13 3 7 21 614
counts
612 459 306 153 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.173 (realistic noise) (counts = 852)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
25 283 10 282 3 9 2 21 15 2 5 2 1 3 5 184
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
>1bp deletions at repeats (Deletion length)
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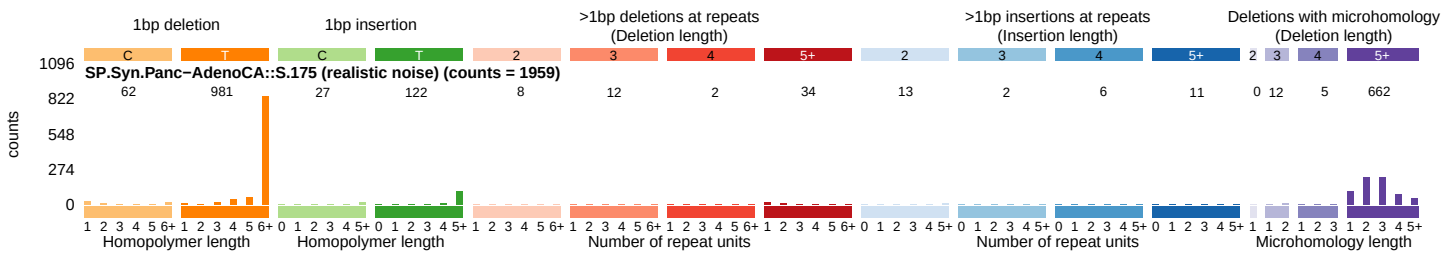
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.174 (realistic noise) (counts = 910)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
29 102 11 279 12 10 4 40 16 0 1 7 0 4 4 391
counts
352 264 176 88 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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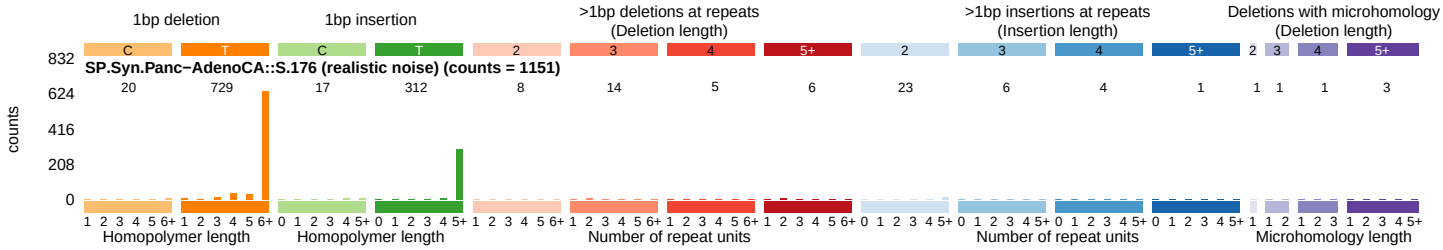
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.175 (realistic noise) (counts = 1959)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
62 981 27 122 8 12 2 34 13 2 6 11 0 12 5 662
counts
1096 822 548 274 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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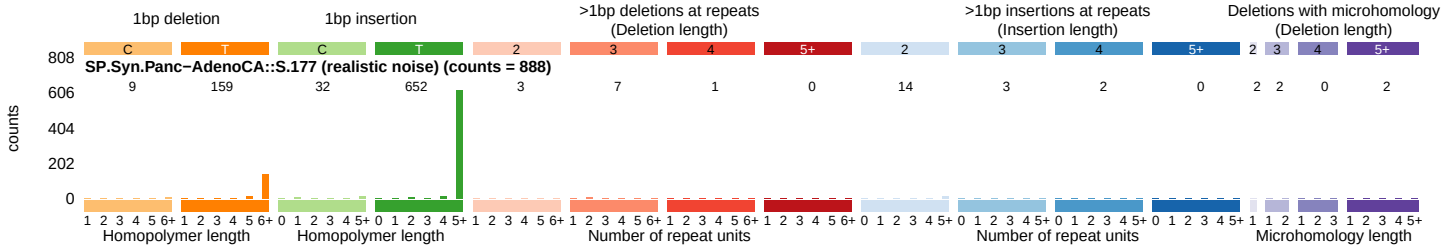
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.176 (realistic noise) (counts = 1151)
20 729 17 312 8 14 5 6 23 6 4 1 1 1 1 3
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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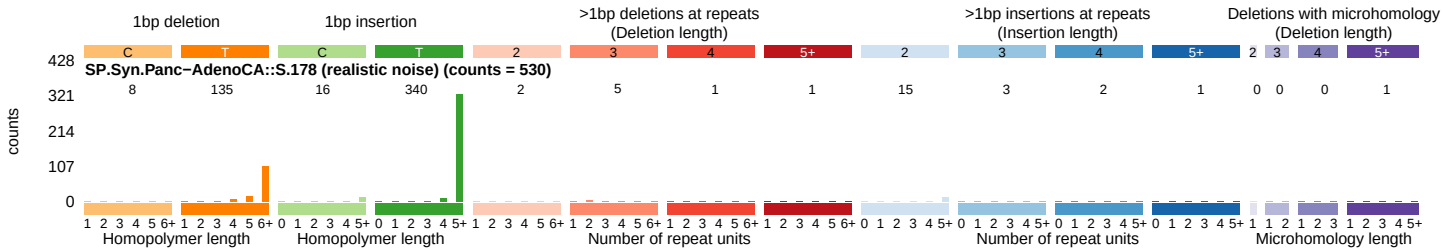
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.177 (realistic noise) (counts = 888)
9 159 32 652 3 7 1 0 14 3 2 0 2 2 0 2
counts
Homopolymer length
Number of repeat units
Microhomology length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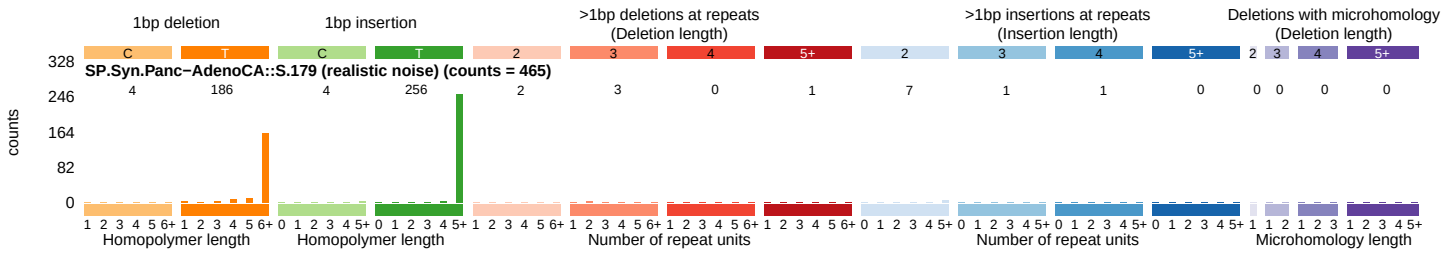
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.178 (realistic noise) (counts = 530)
8 135 16 340 2 5 1 1 15 3 2 1 0 0 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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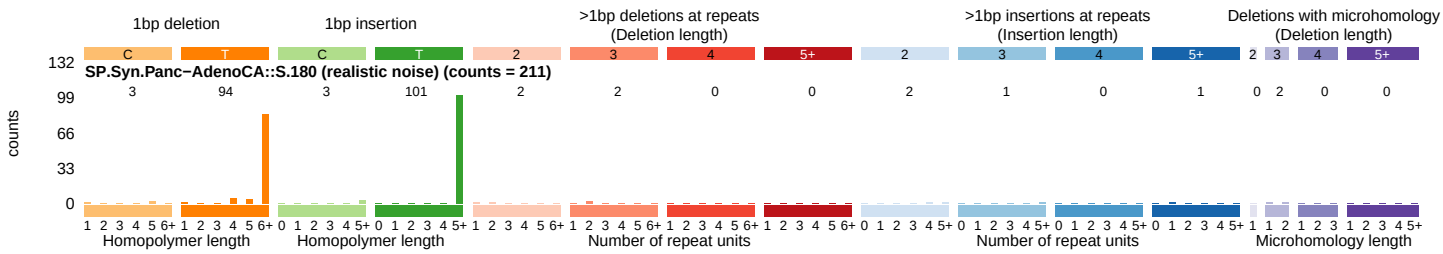
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.179 (realistic noise) (counts = 465)
4 186 4 256 2 3 0 1 7 1 1 0 0 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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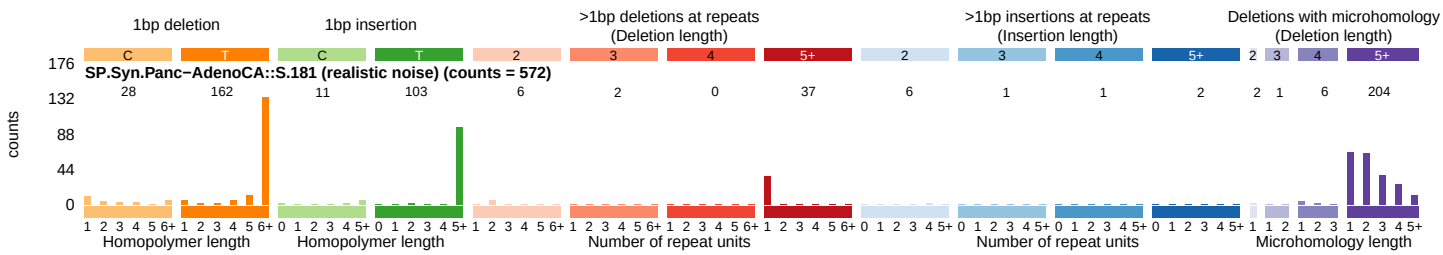
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.180 (realistic noise) (counts = 211)
3 94 3 101 2 2 0 0 2 1 0 1 0 2 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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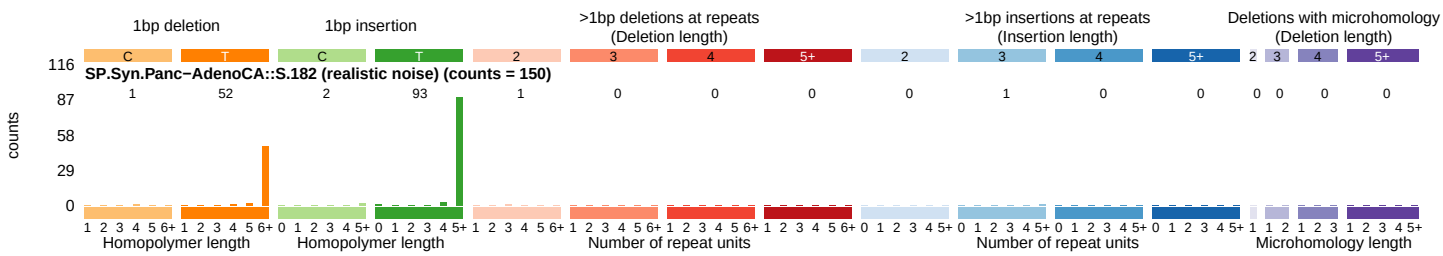
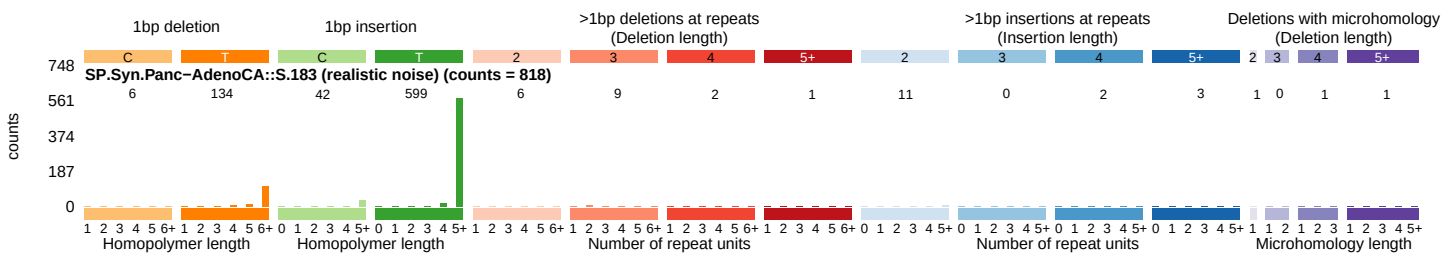
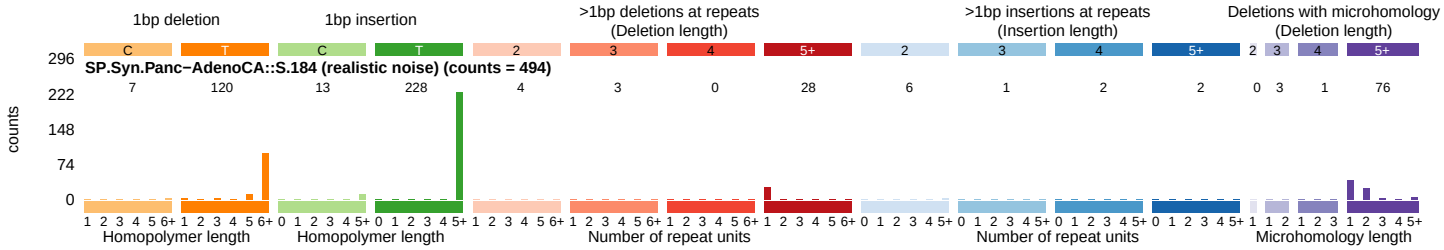
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.181 (realistic noise) (counts = 572)
28 162 11 103 6 2 0 37 6 1 1 2 2 1 6 204
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.182 (realistic noise) (counts = 150)
1 52 2 93 1 0 0 0 0 1 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.183 (realistic noise) (counts = 818)
6 134 42 599 6 9 2 1 11 0 2 3 1 0 1 1
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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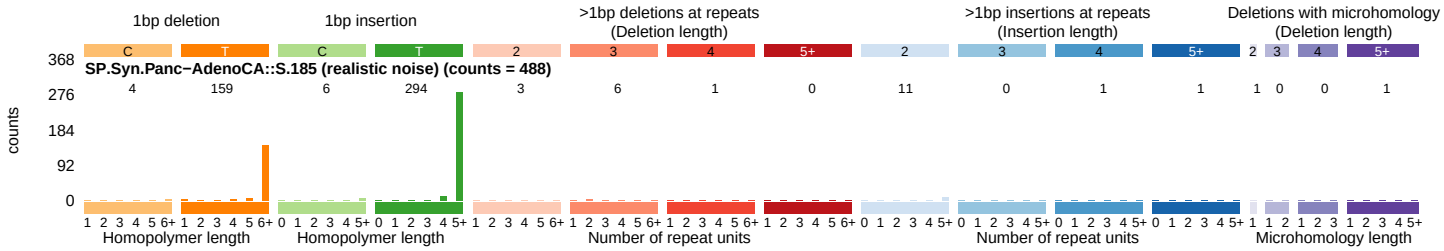
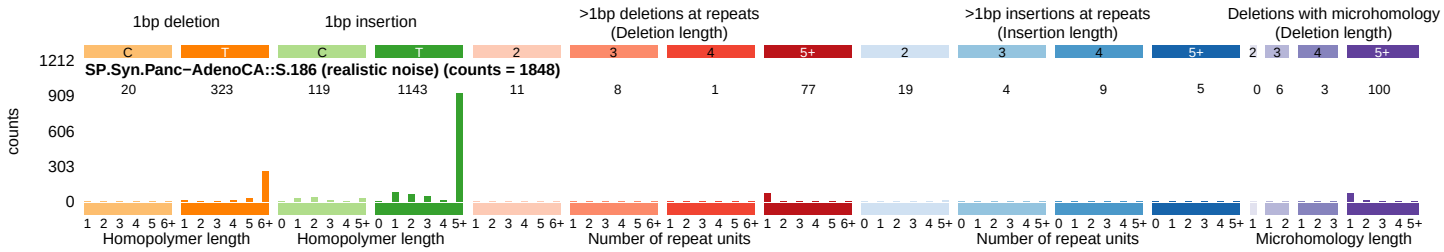
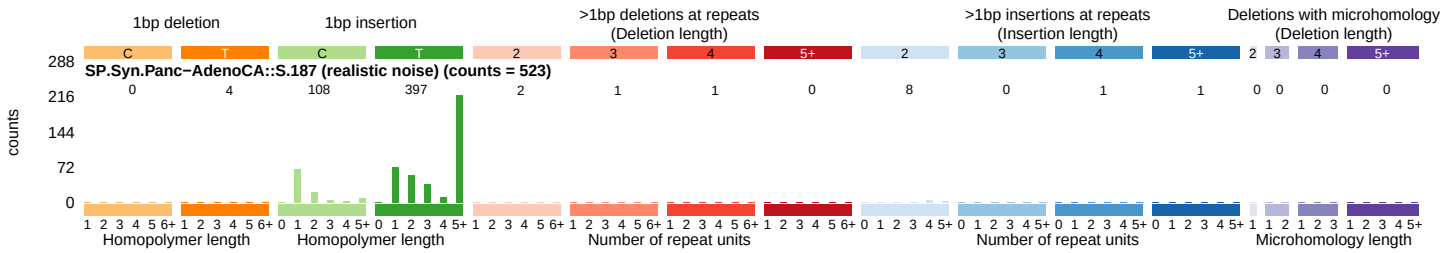
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.184 (realistic noise) (counts = 494)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (realistic 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.186 (realistic noise) (counts = 1848)
counts
Homopolymer length
Number of repeat units
Microhomology length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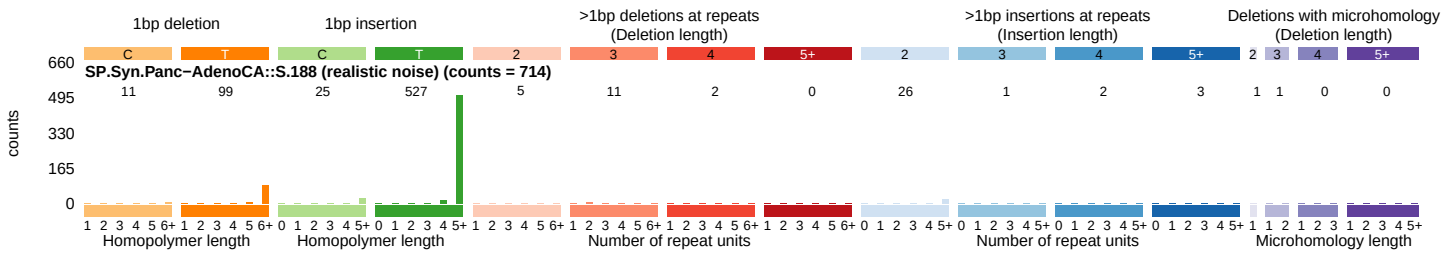
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.187 (realistic noise) (counts = 523)
counts
Homopolymer length
Number of repeat units
Microhomology length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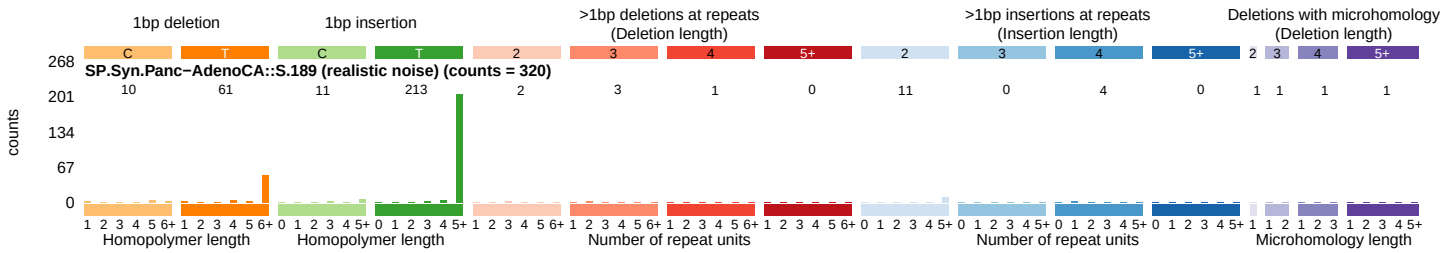
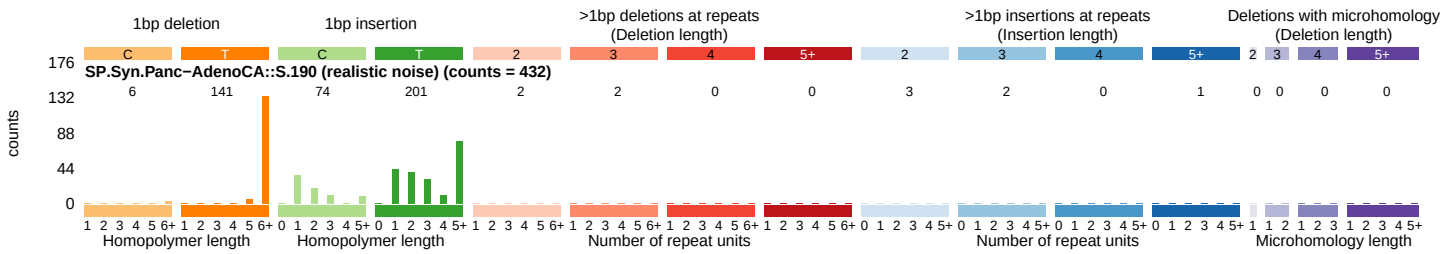
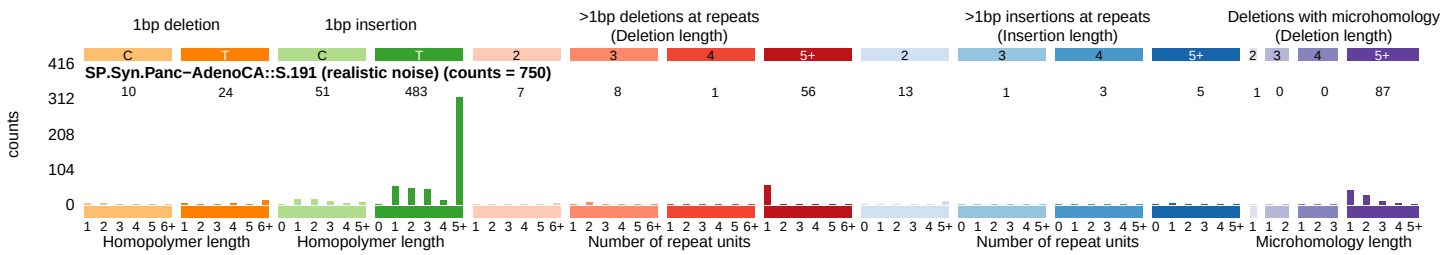
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.188 (realistic noise) (counts = 714)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (realistic noise) (counts = 320)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 432)
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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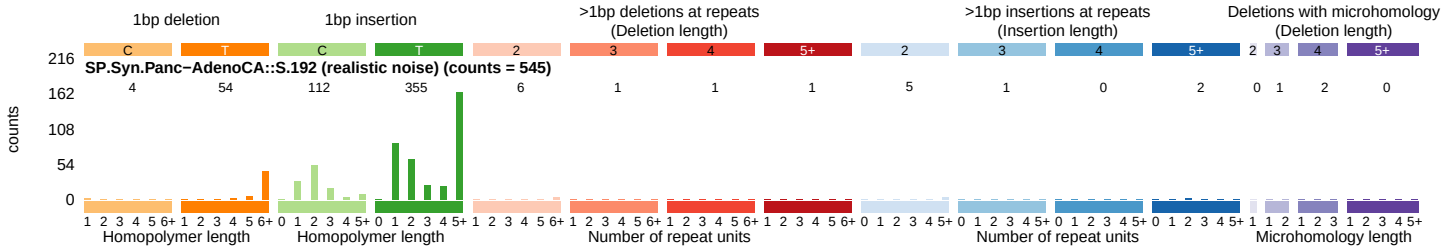
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.191 (realistic noise) (counts = 750)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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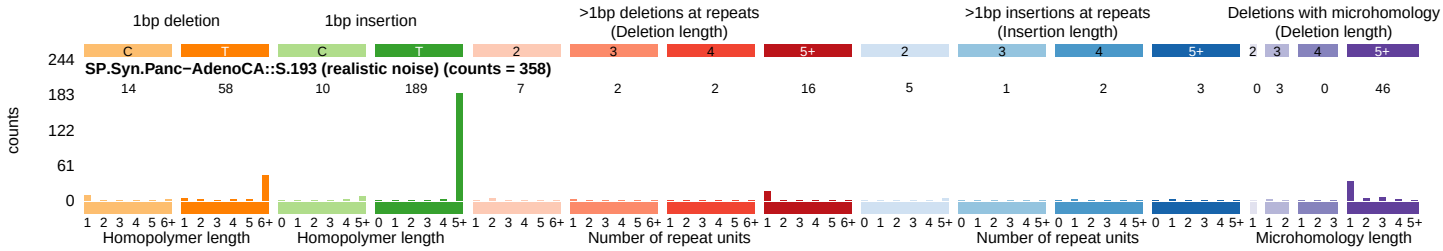
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.192 (realistic noise) (counts = 545)
4 54 112 355 6 1 1 1 5 1 0 2 0 1 2 0
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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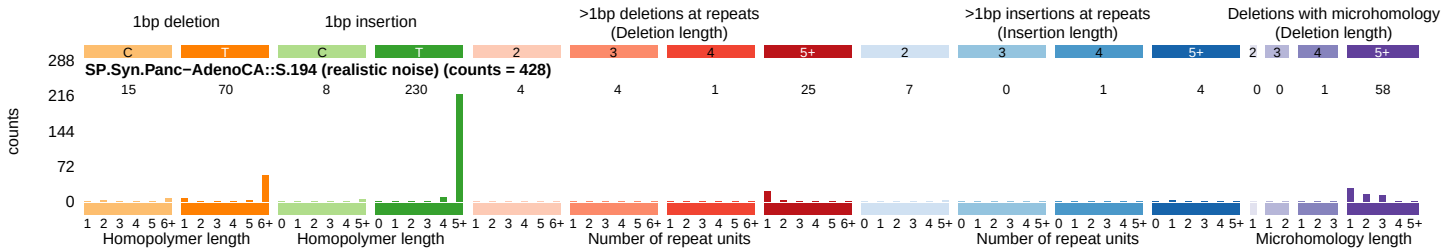
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.193 (realistic noise) (counts = 358)
14 58 10 189 7 2 2 16 5 1 2 3 0 3 0 46
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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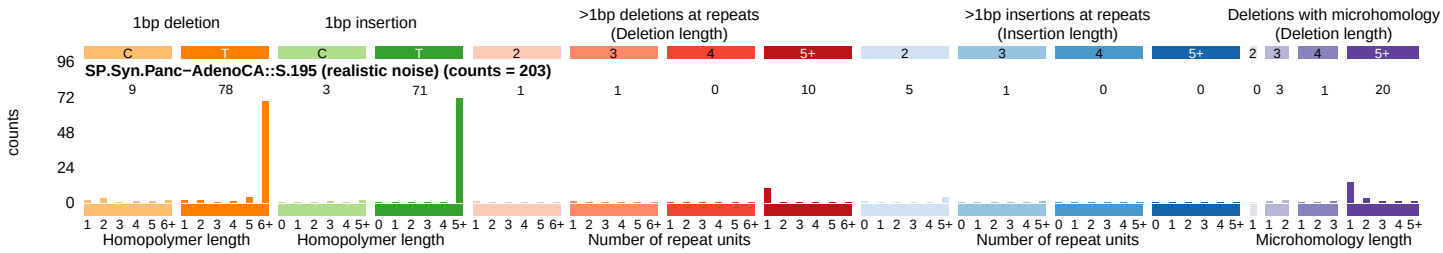
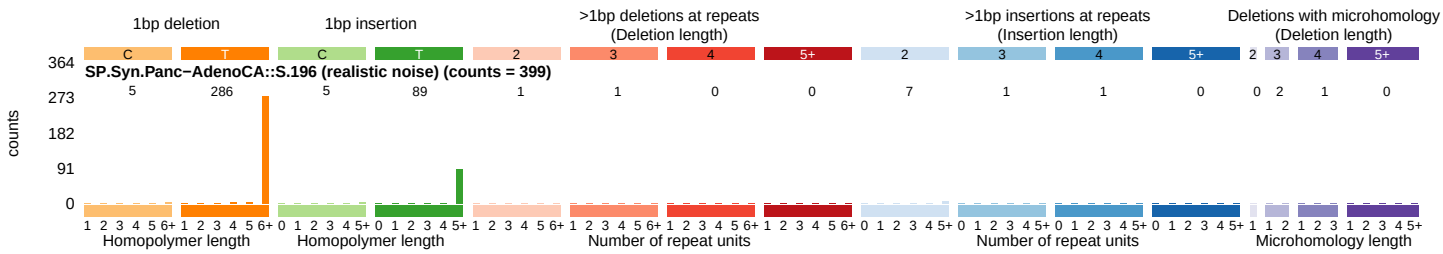
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.194 (realistic noise) (counts = 428)
15 70 8 230 4 4 1 25 7 0 1 4 0 0 1 58
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.195 (realistic noise) (counts = 203)
9 78 3 71 1 1 0 10 5 1 0 0 0 3 1 20
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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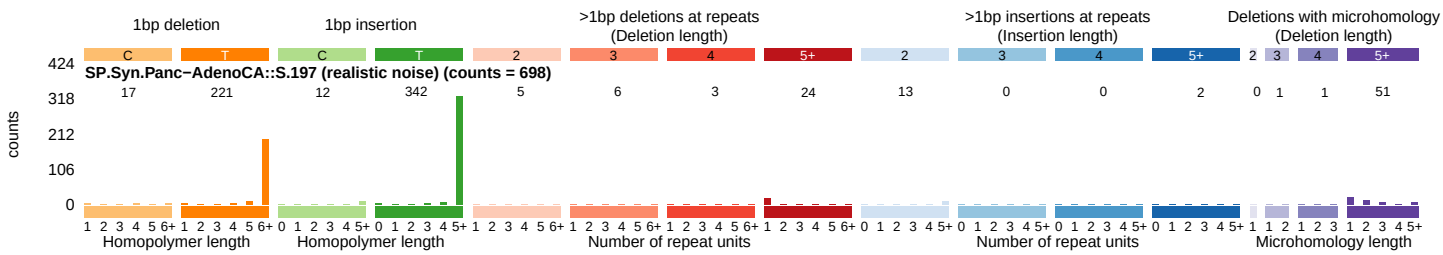
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.196 (realistic noise) (counts = 399)
5 286 5 89 1 1 0 0 7 1 1 0 0 2 1 0
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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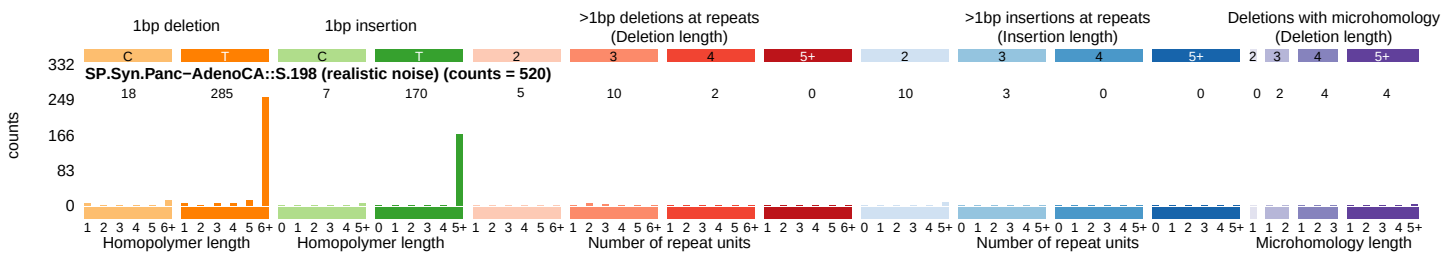
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.197 (realistic noise) (counts = 698)
17 221 12 342 5 6 3 24 13 0 0 2 0 1 1 51
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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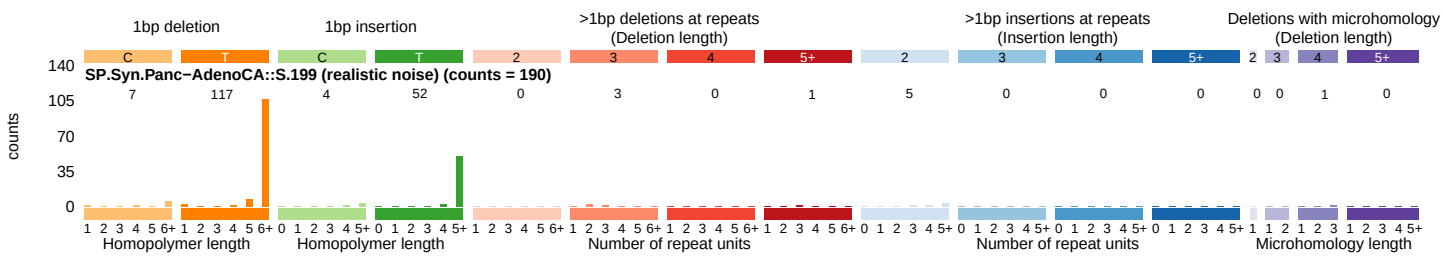
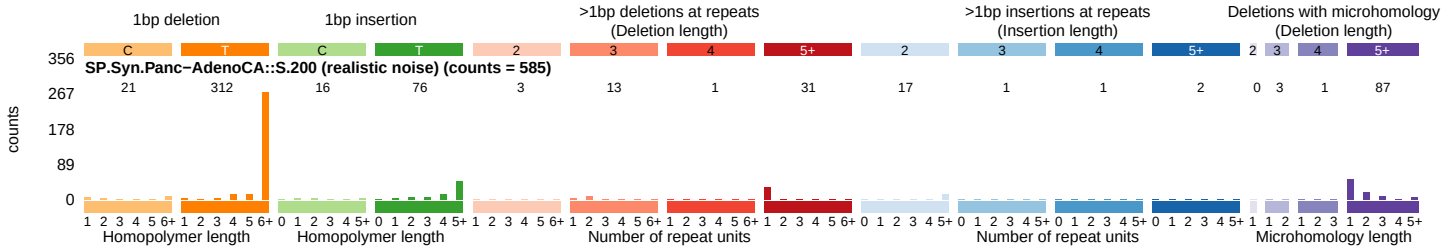
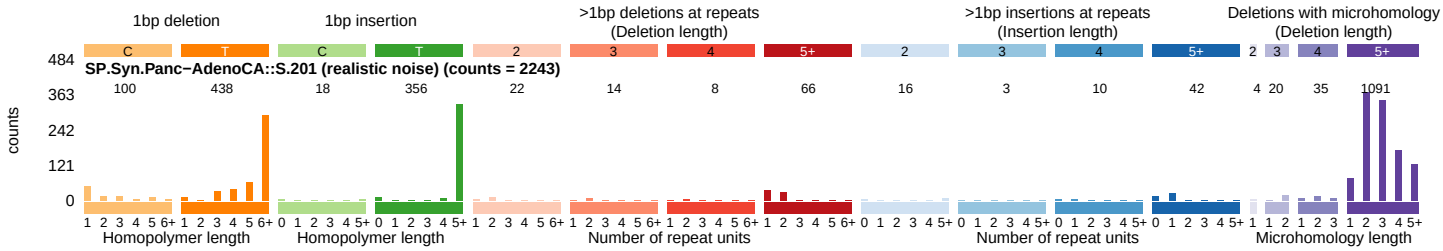
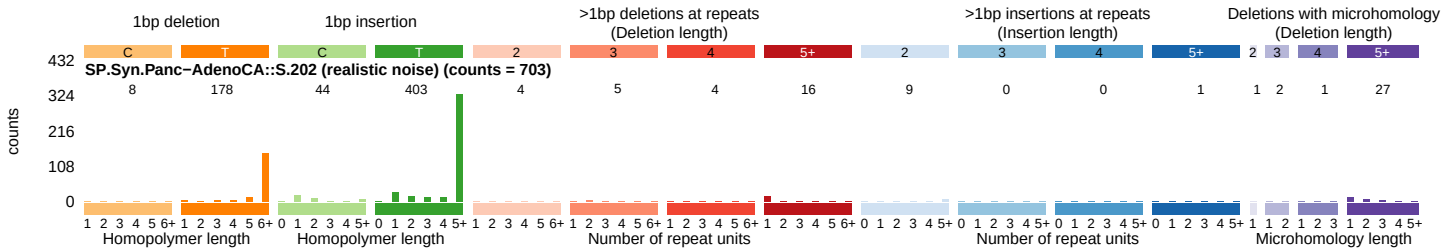
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.198 (realistic noise) (counts = 520)
18 285 7 170 5 10 2 0 10 3 0 0 0 2 4 4
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.199 (realistic noise) (counts = 190)
7 117 4 52 0 3 0 1 5 0 0 0 0 0 1 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.200 (realistic noise) (counts = 585)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
21 312 16 76 3 13 1 31 17 1 1 2 0 3 1 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−AdenoCA::S.201 (realistic noise) (counts = 2243)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
100 438 18 356 22 14 8 66 16 3 10 42 4 20 35 1091
counts
Homopolymer length
Number of repeat units
Microhomology length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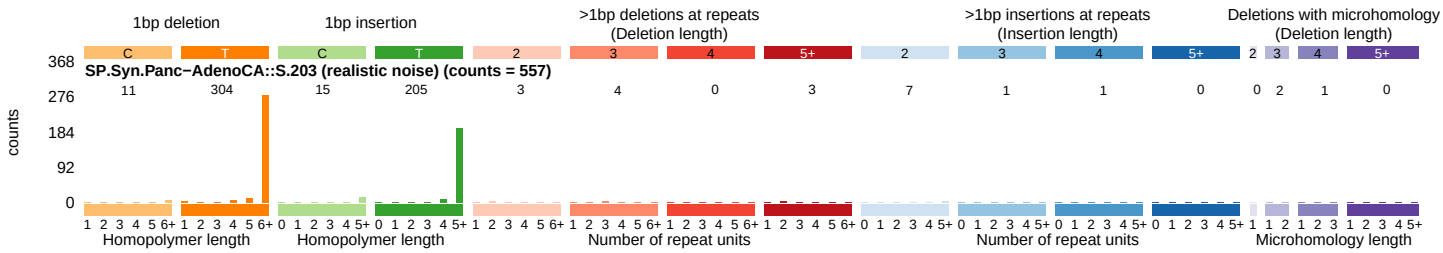
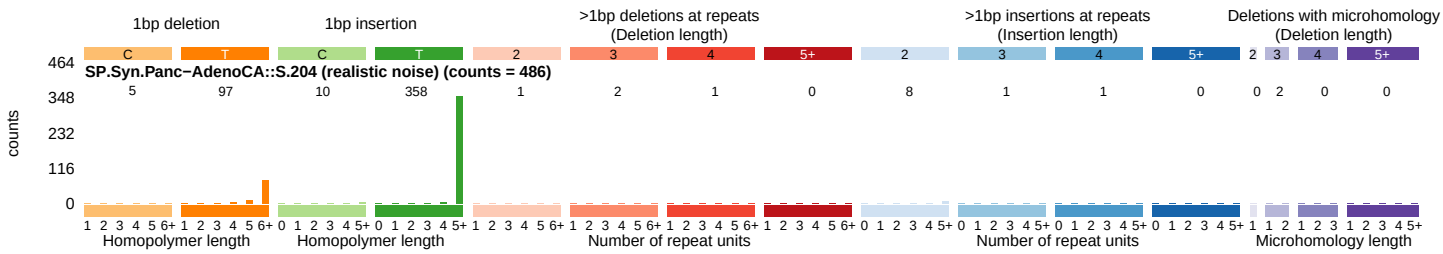
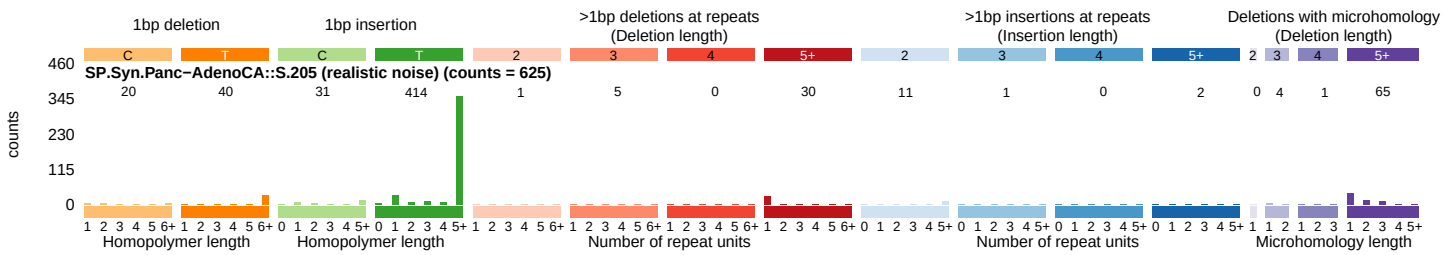
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.202 (realistic noise) (counts = 703)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
8 178 44 403 4 5 4 16 9 0 0 1 1 2 1 27
counts
Homopolymer length
Number 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.Panc−AdenoCA::S.203 (realistic noise) (counts = 557)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
11 304 15 205 3 4 0 3 7 1 1 0 0 2 1 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.204 (realistic noise) (counts = 486)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
5 97 10 358 1 2 1 0 8 1 1 0 0 2 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length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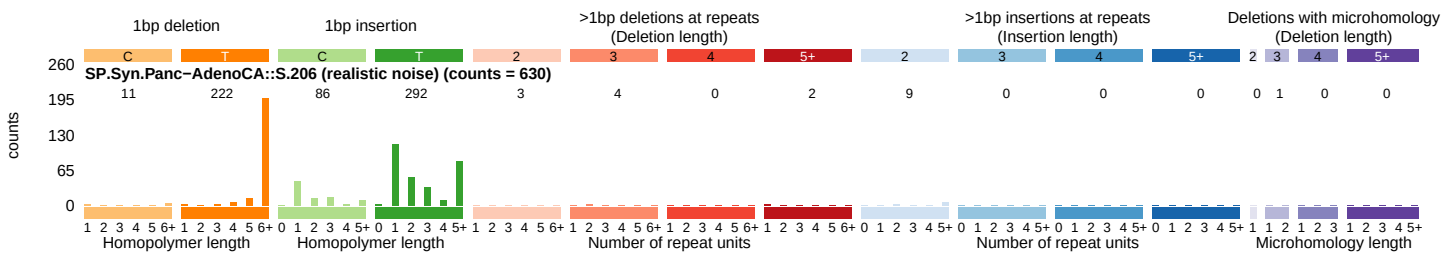
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.205 (realistic noise) (counts = 625)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
20 40 31 414 1 5 0 30 11 1 0 2 0 4 1 65
counts
Homopolymer length
Number of repeat units
Microhomology length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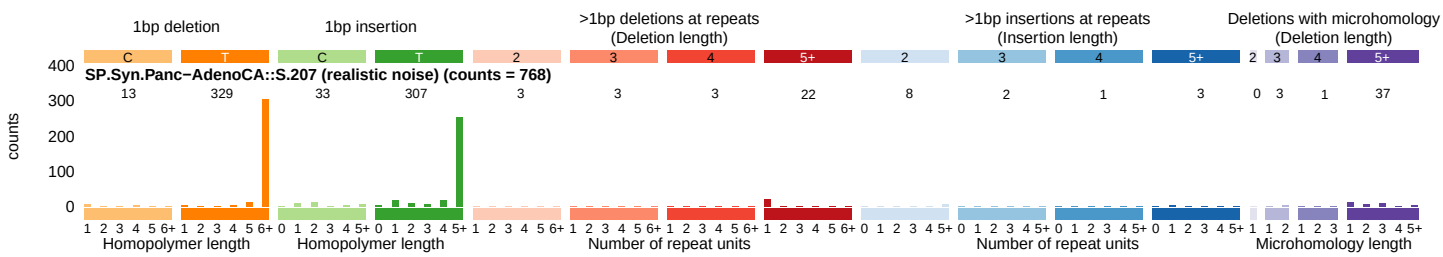
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.206 (realistic noise) (counts = 630)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
11 222 86 292 3 4 0 2 9 0 0 0 0 1 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length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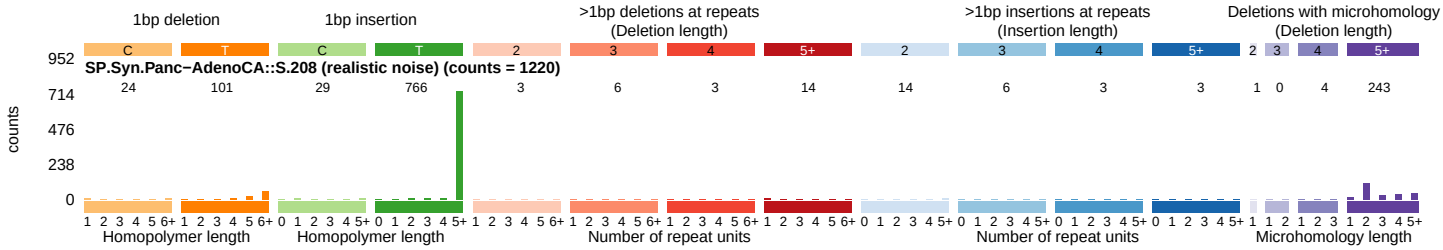
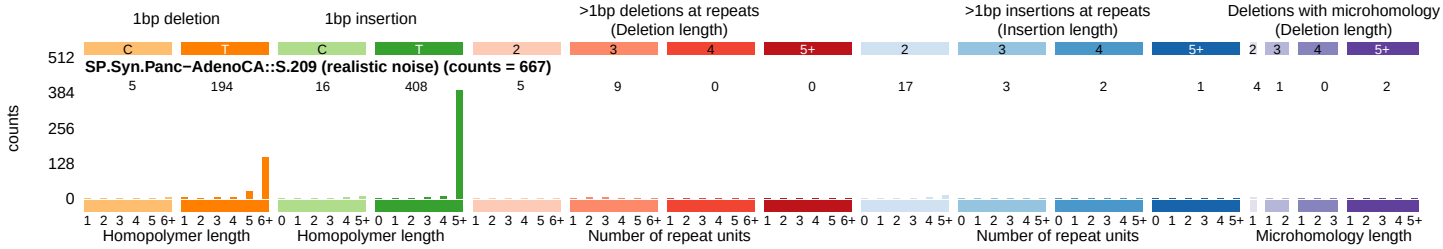
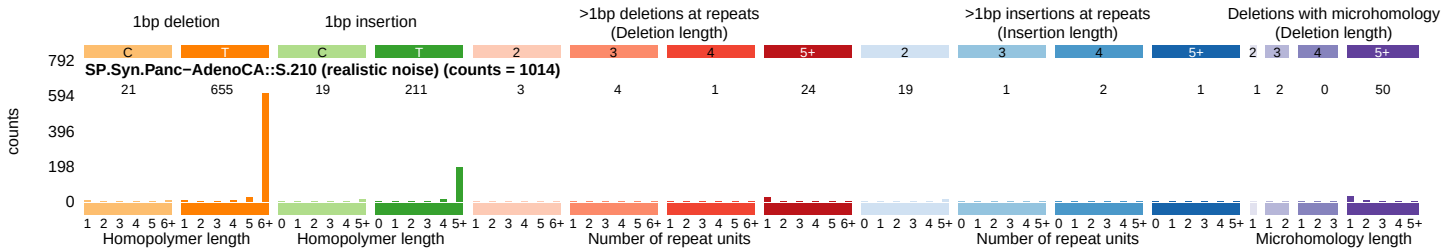
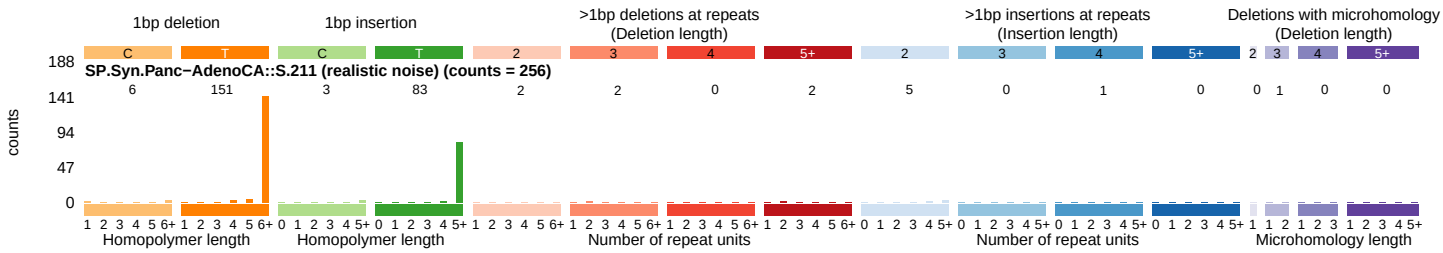
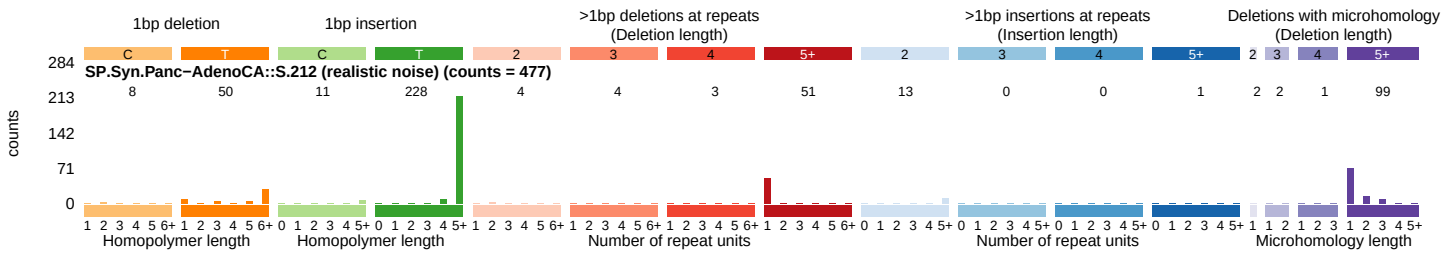
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.207 (realistic noise) (counts = 768)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
13 329 33 307 3 3 3 22 8 2 1 3 0 3 1 37
counts
Homopolymer length
Number of repeat units
Microhomology length

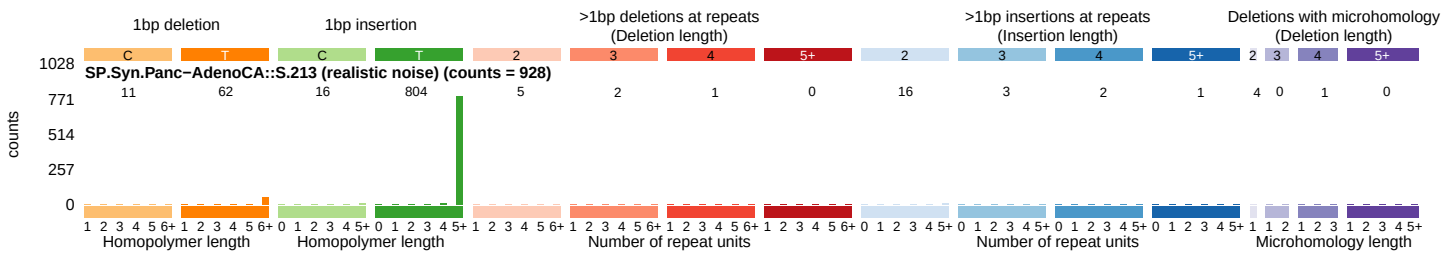

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.208 (realistic noise) (counts = 1220)
24 101 29 766 3 6 3 14 14 6 3 3 1 0 4 243
counts
Homopolymer length
Number of repeat units
Microhomology length

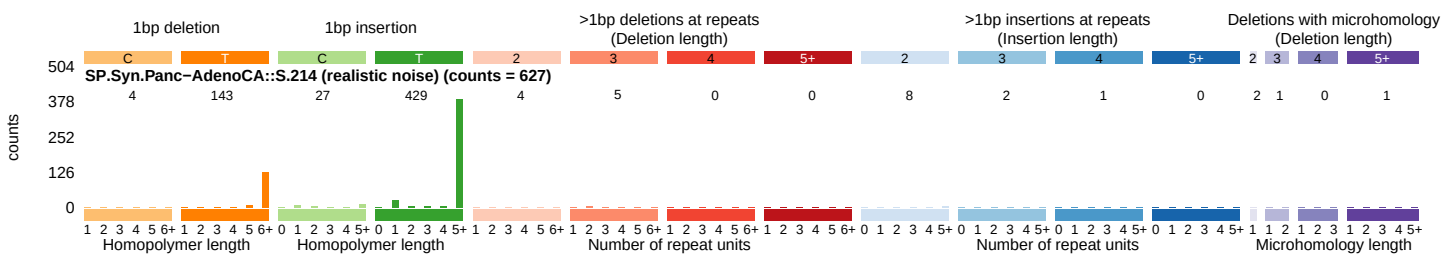

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.209 (realistic noise) (counts = 667)
5 194 16 408 5 9 0 0 17 3 2 1 4 1 0 2
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.210 (realistic noise) (counts = 1014)
21 655 19 211 3 4 1 24 19 1 2 1 1 2 0 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.Panc−AdenoCA::S.211 (realistic noise) (counts = 256)
6 151 3 83 2 2 0 2 5 0 1 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.212 (realistic noise) (counts = 477)
8 50 11 228 4 4 3 51 13 0 0 1 2 2 1 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−AdenoCA::S.213 (realistic noise) (counts = 928)
11 62 16 804 5 2 1 0 16 3 2 1 4 0 1 0
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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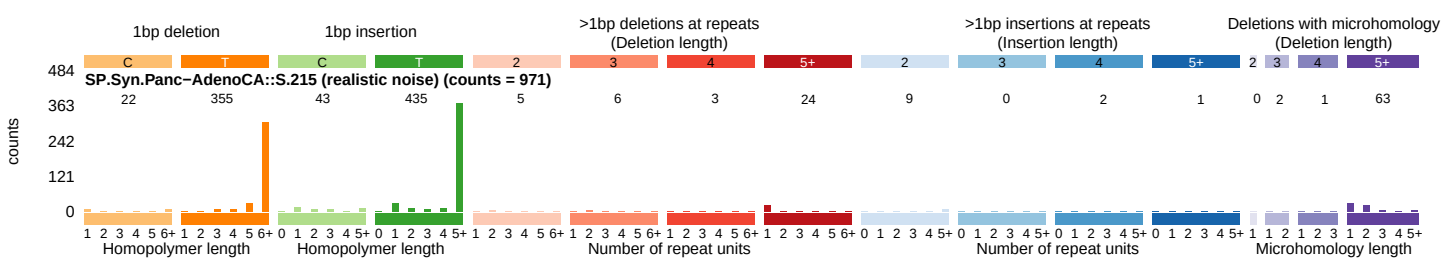
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.214 (realistic noise) (counts = 627)
4 143 27 429 4 5 0 0 8 2 1 0 2 1 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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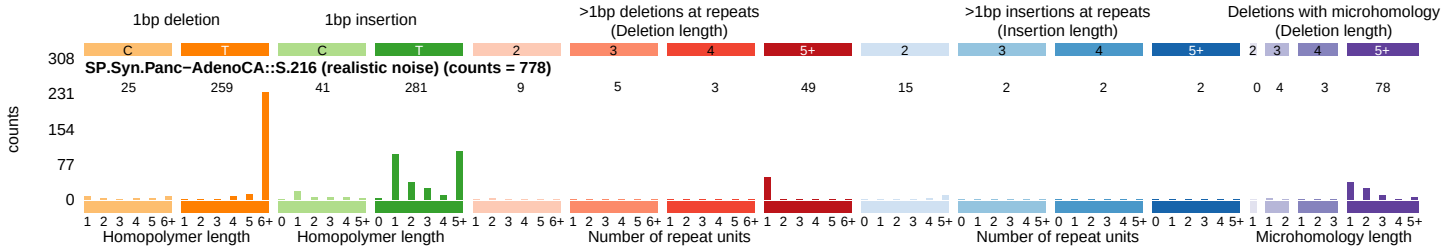
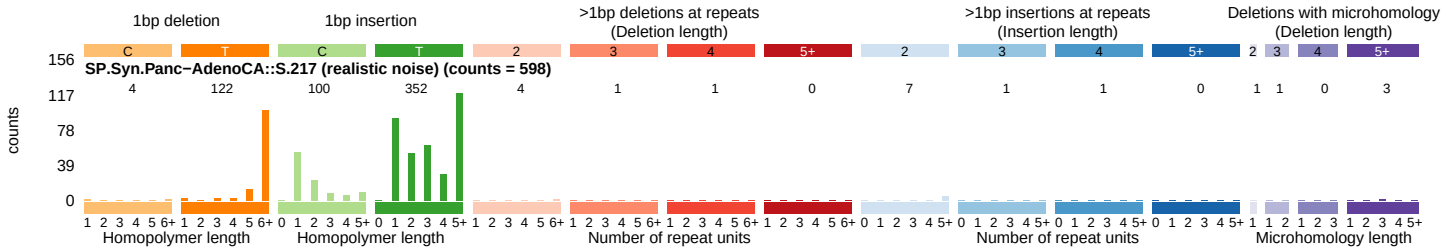
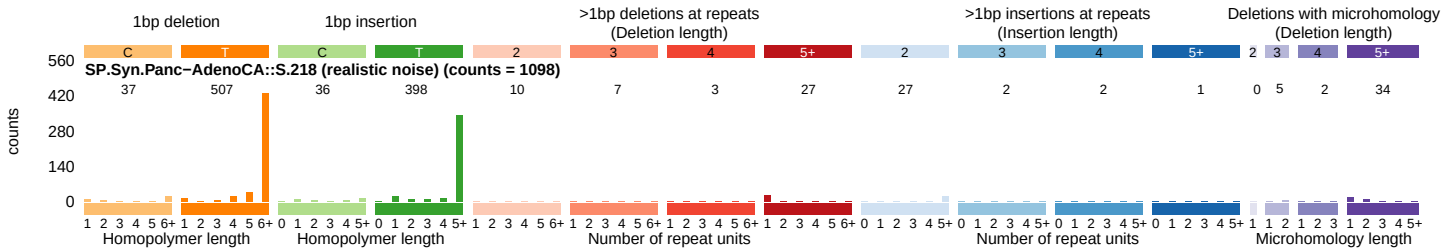
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.215 (realistic noise) (counts = 971)
22 355 43 435 5 6 3 24 9 0 2 1 0 2 1 63
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.216 (realistic noise) (counts = 778)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 598)
counts
Homopolymer length
Number of repeat units
Microhomology length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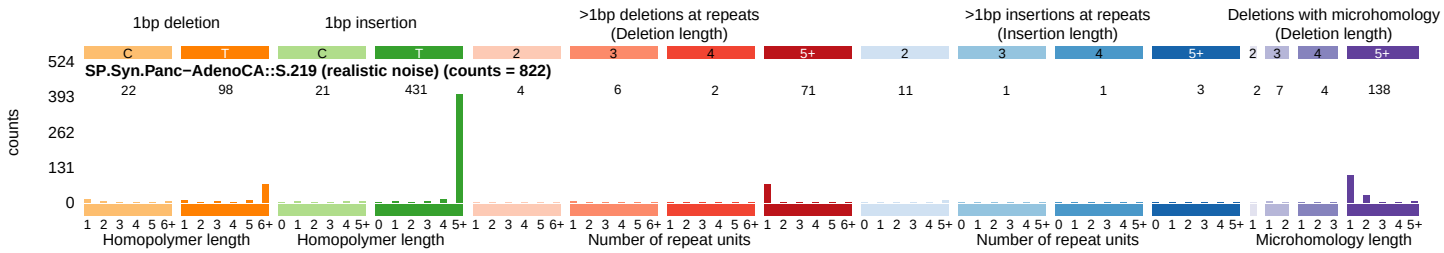
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.218 (realistic noise) (counts = 1098)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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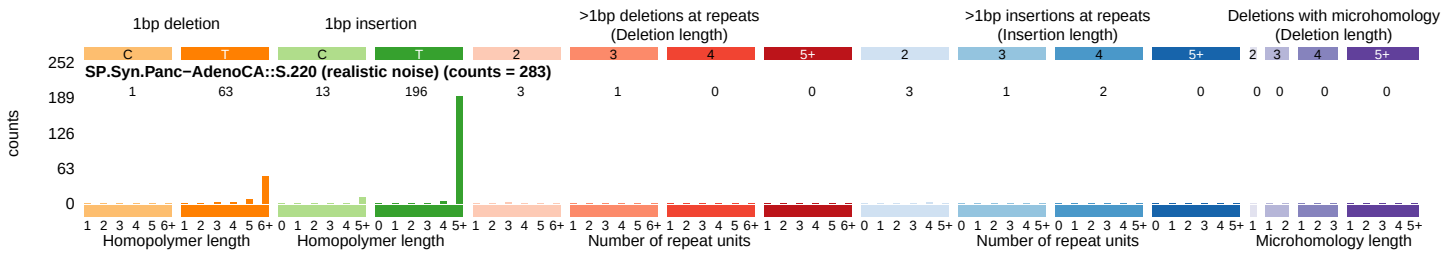
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.219 (realistic noise) (counts = 822)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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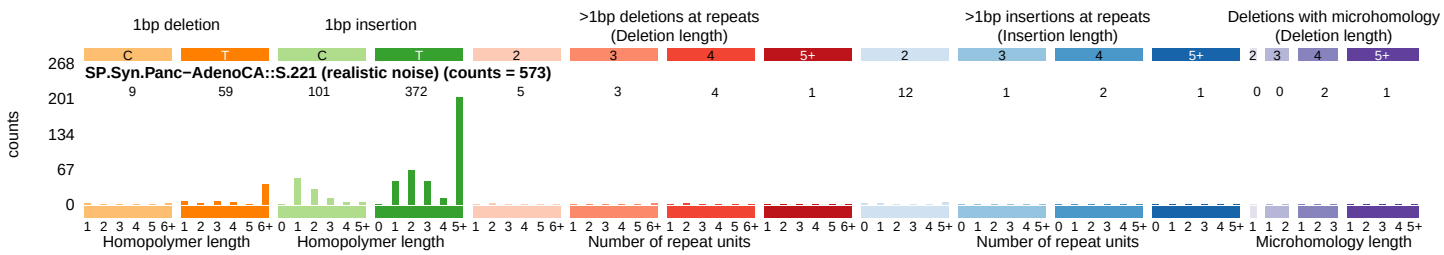
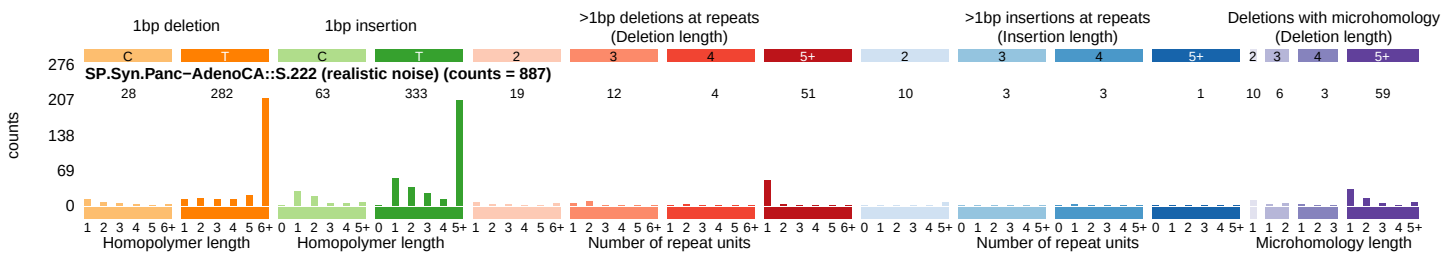
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.220 (realistic noise) (counts = 283)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.221 (realistic noise) (counts = 573)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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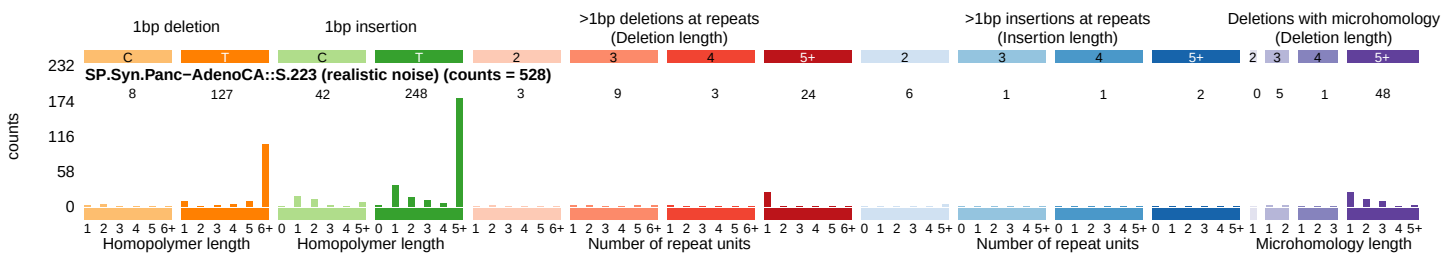
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.222 (realistic noise) (counts = 887)
counts
Homopolymer length
Number of repeat units
Microhomology length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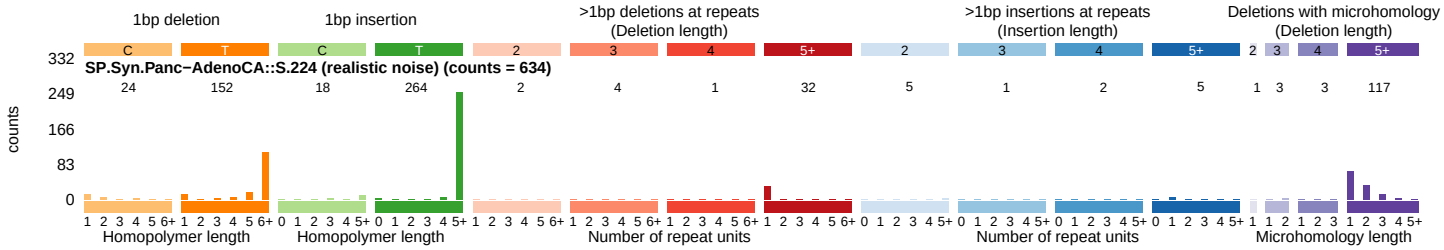
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.223 (realistic noise) (counts = 528)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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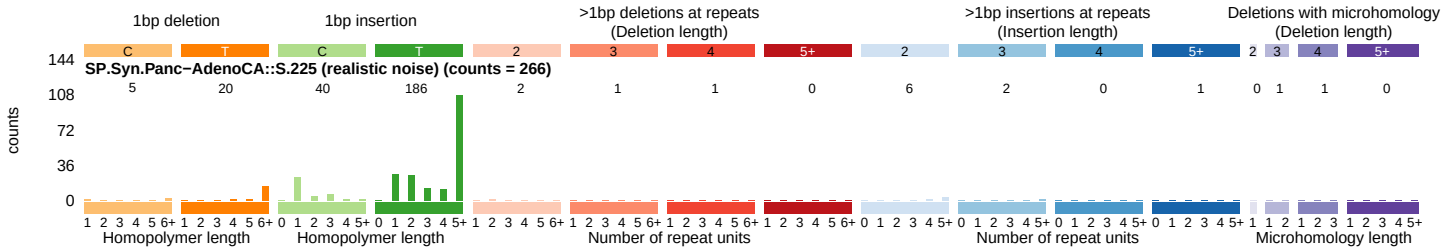
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.224 (realistic noise) (counts = 634)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
24 152 18 264 2 4 1 32 5 1 2 5 1 3 3 117
counts
332 249 166 83 0
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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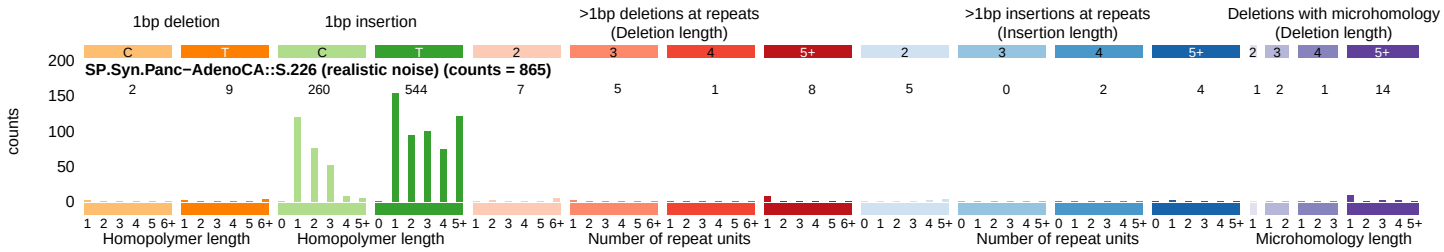
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.225 (realistic noise) (counts = 266)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
5 20 40 186 2 1 1 0 6 2 0 1 0 1 1 0
counts
144 108 72 36 0
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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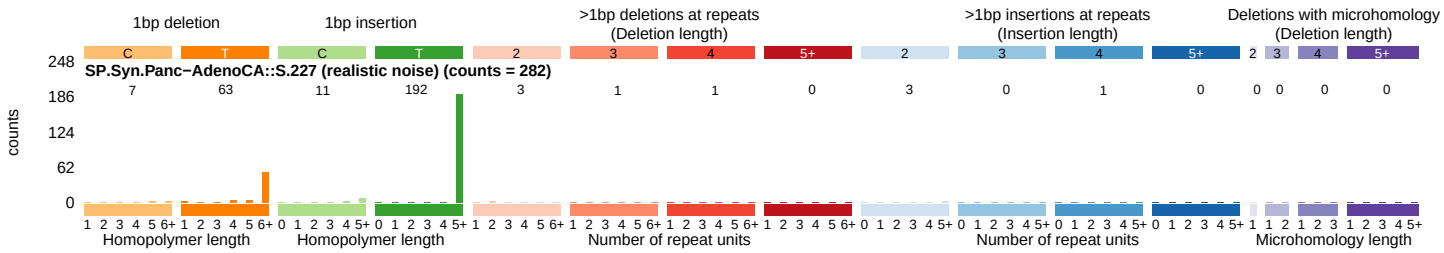
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.226 (realistic noise) (counts = 865)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
2 9 260 544 7 5 1 8 5 0 2 4 1 2 1 14
counts
200 150 100 50 0
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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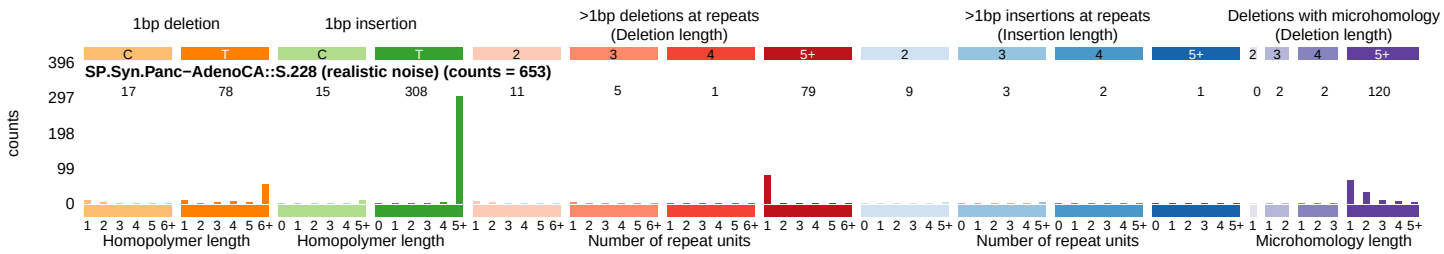
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.227 (realistic noise) (counts = 282)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
7 63 11 192 3 1 1 0 3 0 1 0 0 0 0 0
counts
248 186 124 62 0
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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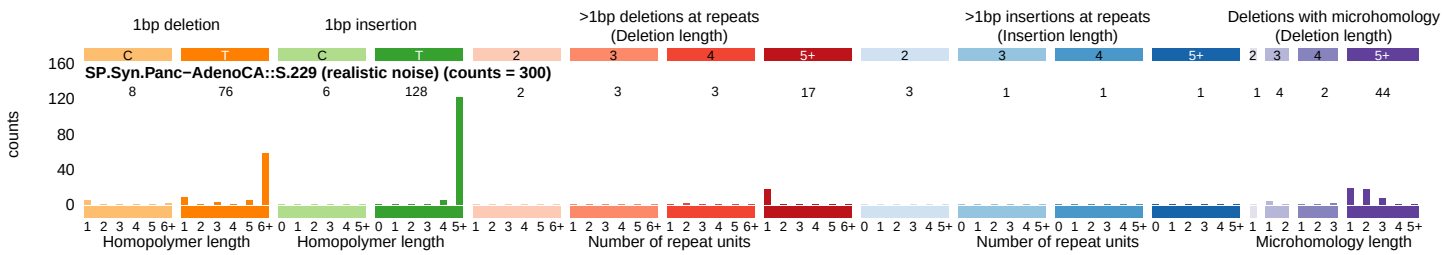
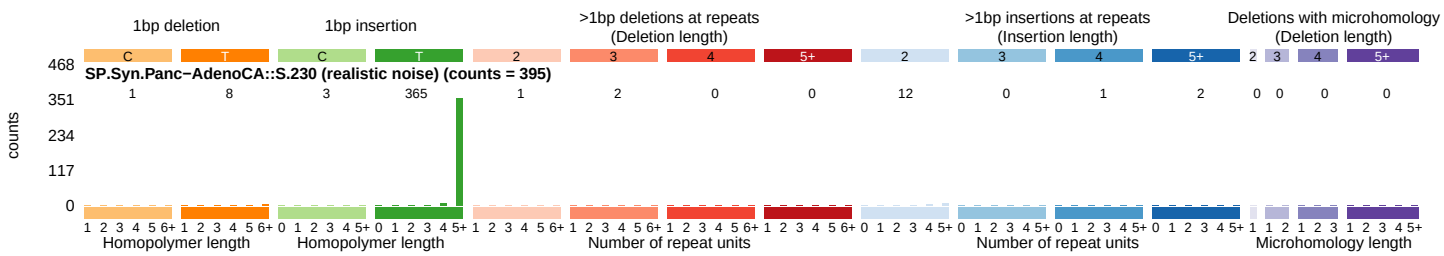
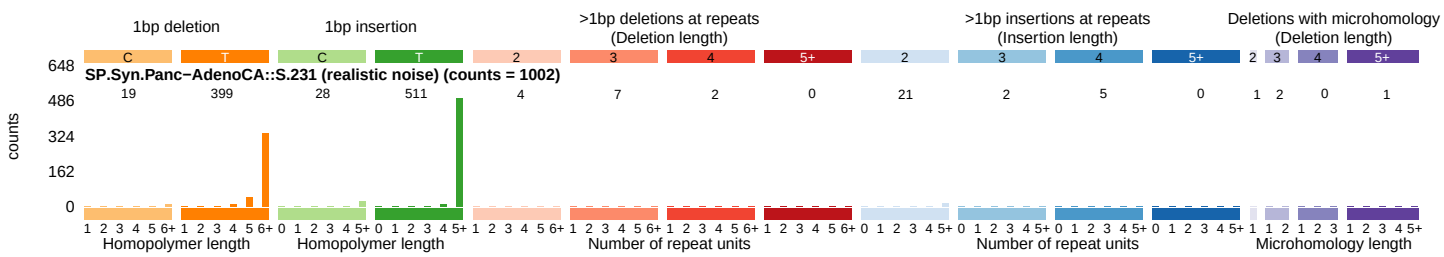
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.228 (realistic noise) (counts = 653)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
17 78 15 308 11 5 1 79 9 3 2 1 0 2 2 120
counts
396 297 198 99 0
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.229 (realistic noise) (counts = 300)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
8 76 6 128 2 3 3 17 3 1 1 1 1 4 2 44
counts
160 120 80 40 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)
SP.Syn.Panc−AdenoCA::S.230 (realistic noise) (counts = 395)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
1 8 3 365 1 2 0 0 12 0 1 2 0 0 0 0
counts
468 351 234 117 0
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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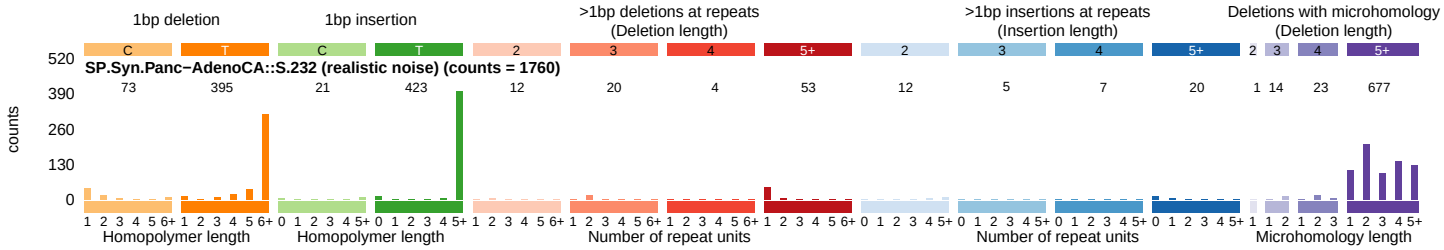
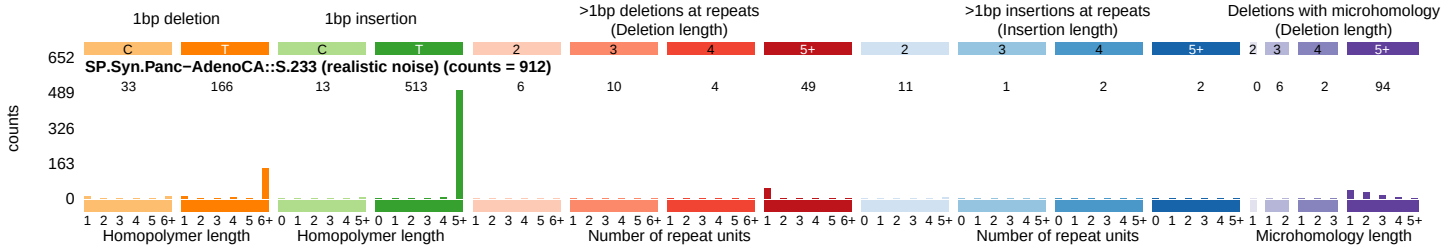
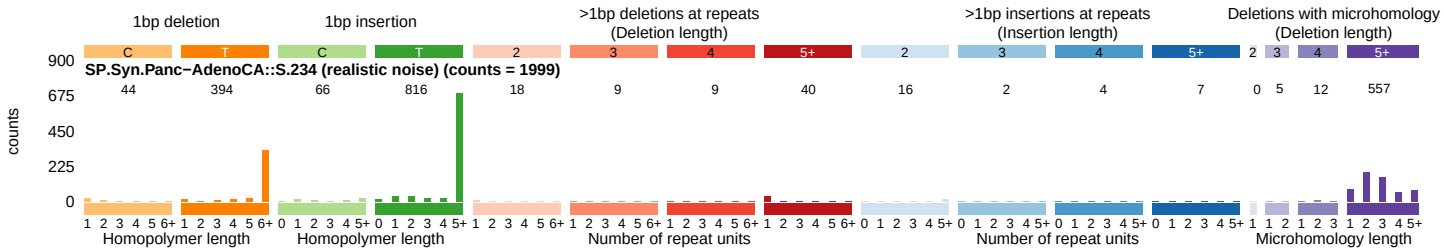
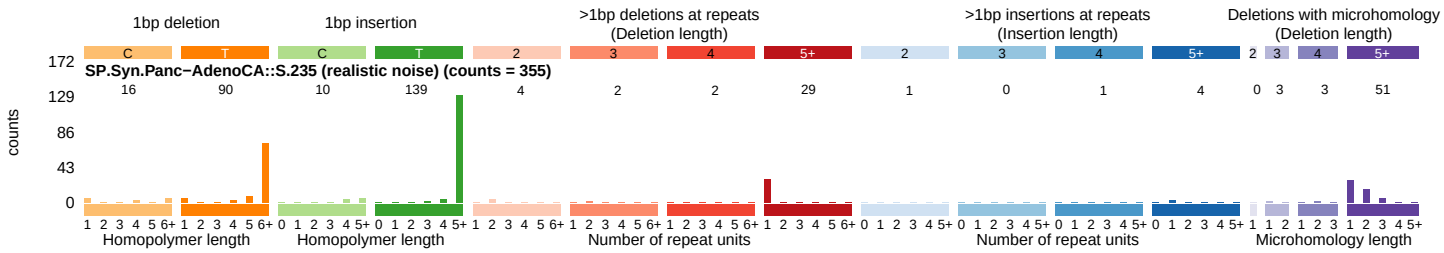
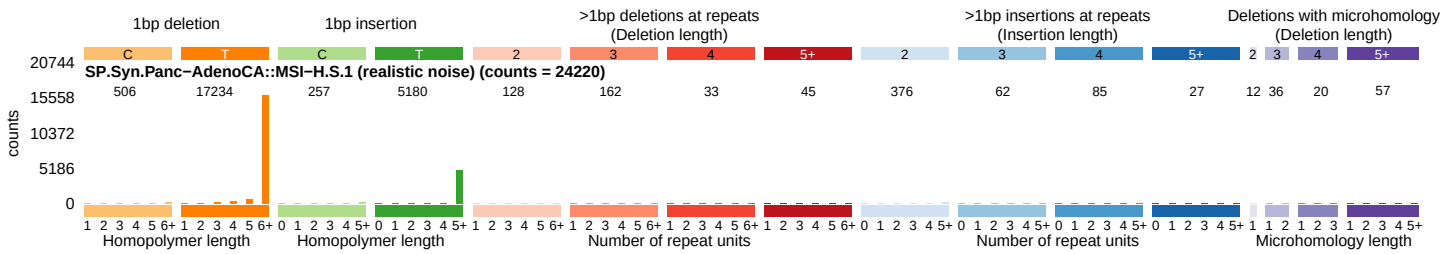
Deletions with microhomology (Deletion length)
SP.Syn.Panc−AdenoCA::S.231 (realistic noise) (counts = 1002)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
19 399 28 511 4 7 2 0 21 2 5 0 1 2 0 1
counts
648 486 324 162 0
Homopolymer length
Number of repeat units
Microhomology length


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.Panc−AdenoCA::S.232 (realistic noise) (counts = 1760)
73 395 21 423 12 20 4 53 12 5 7 20 1 14 23 677
counts
520 390 260 130 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.233 (realistic noise) (counts = 912)
33 166 13 513 6 10 4 49 11 1 2 2 0 6 2 94
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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.234 (realistic noise) (counts = 1999)
44 394 66 816 18 9 9 40 16 2 4 7 0 5 12 557
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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::S.235 (realistic noise) (counts = 355)
16 90 10 139 4 2 2 29 1 0 1 4 0 3 3 51
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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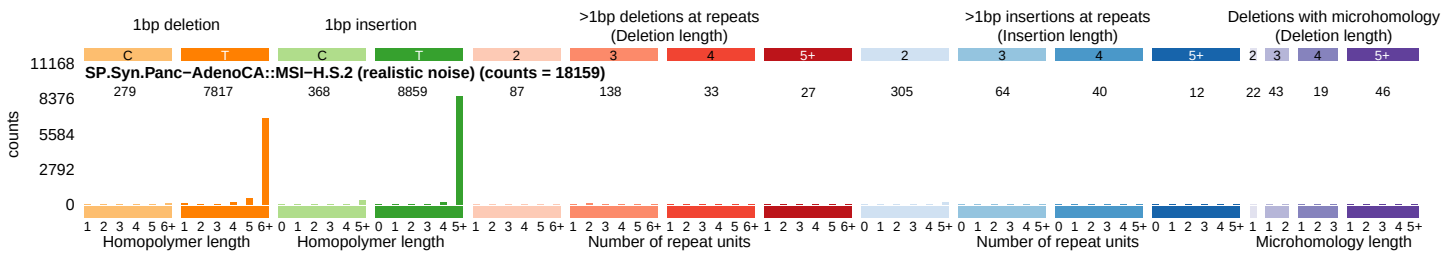
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::MSI−H.S.1 (realistic noise) (counts = 24220)
506 17234 257 5180 128 162 33 45 376 62 85 27 12 36 20 57
counts
20744 15558 10372 5186 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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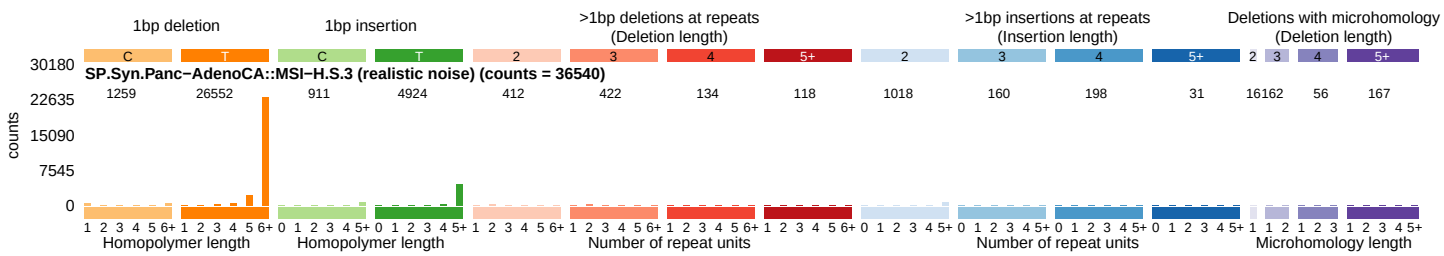
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::MSI−H.S.2 (realistic noise) (counts = 18159)
279 7817 368 8859 87 138 33 27 305 64 40 12 22 43 19 46
counts
11168 8376 5584 2792 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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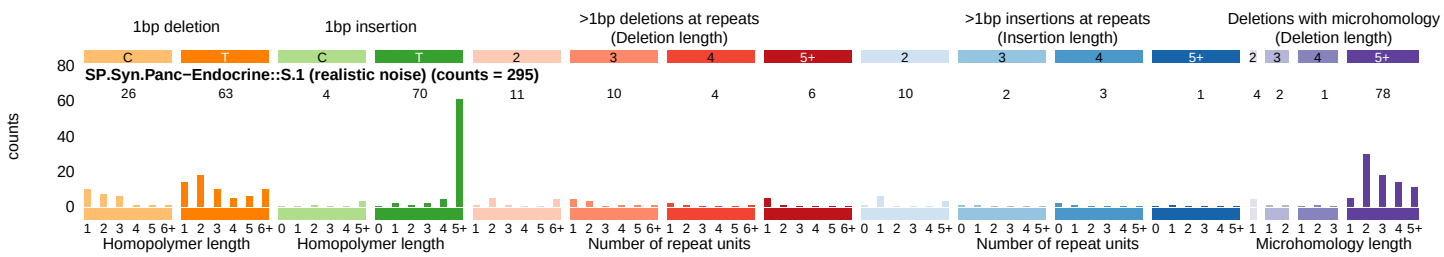
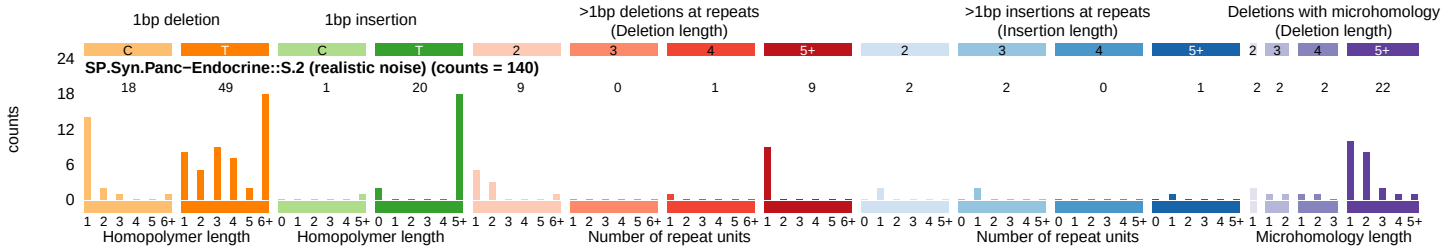
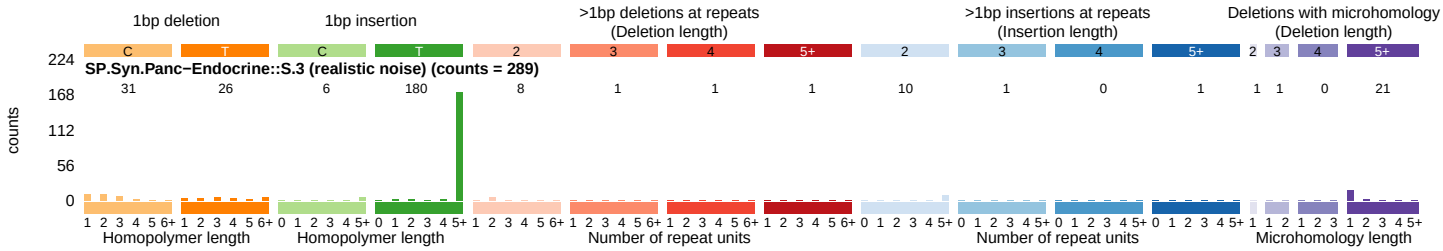
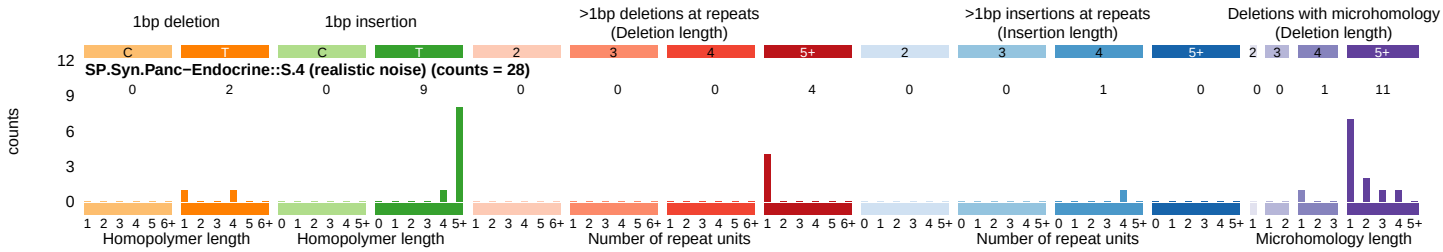
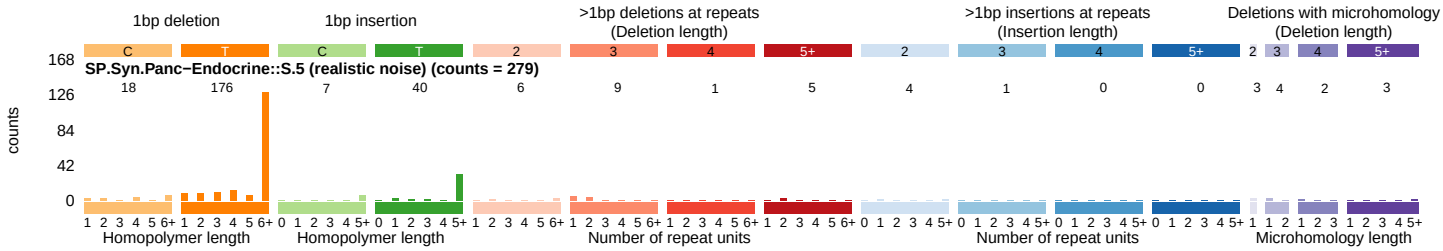
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−AdenoCA::MSI−H.S.3 (realistic noise) (counts = 36540)
1259 26552 911 4924 412 422 134 118 1018 160 198 31 16162 56 167
counts
30180 22635 15090 7545 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

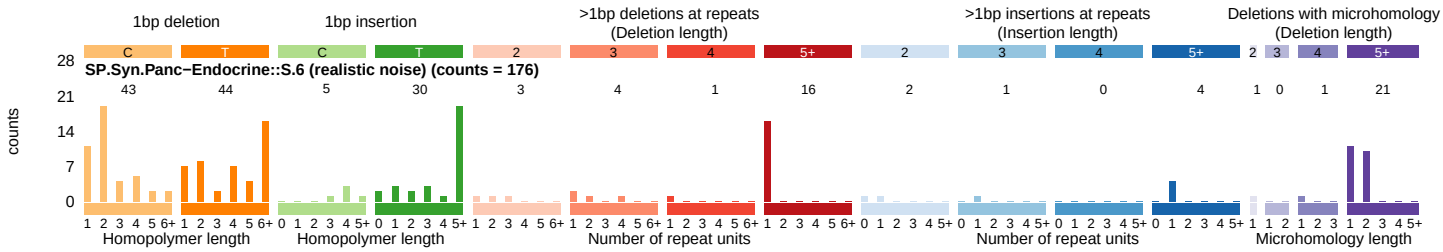

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−Endocrine::S.1 (realistic noise) (counts = 295)
26 63 4 70 11 10 4 6 10 2 3 1 4 2 1 78
counts
80 60 40 20 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.2 (realistic 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.Panc−Endocrine::S.3 (realistic 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.Panc−Endocrine::S.4 (realistic noise) (counts = 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.Panc−Endocrine::S.5 (realistic noise) (counts = 279)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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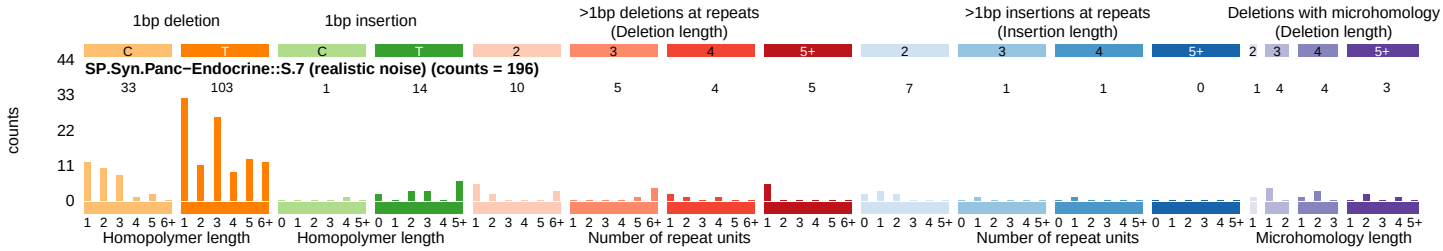
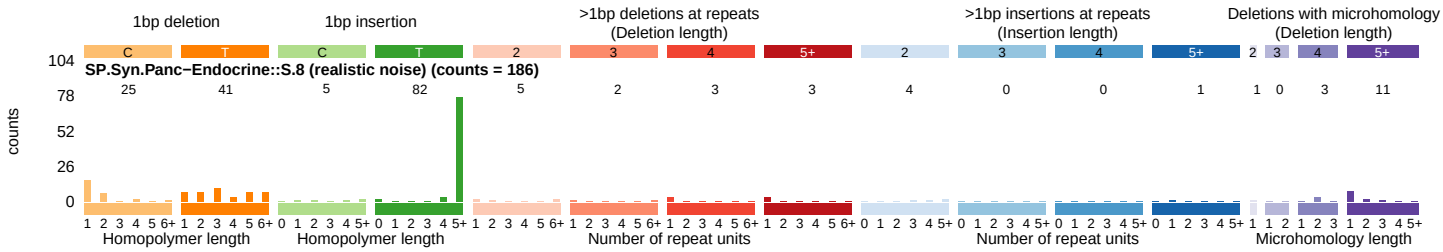
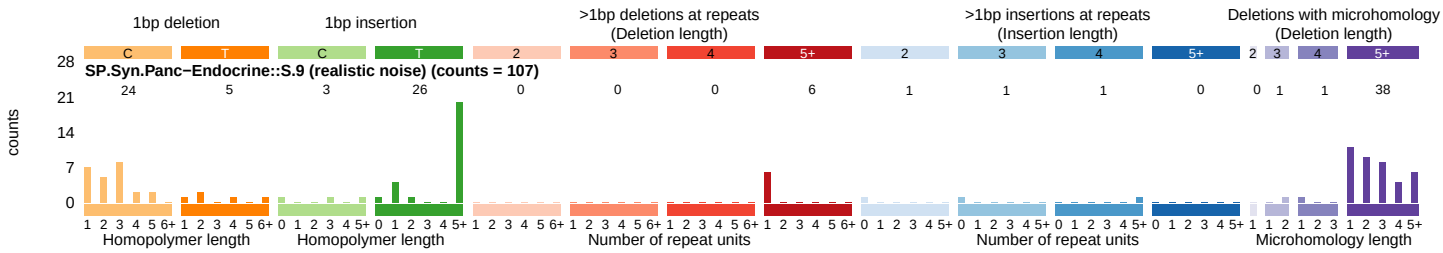
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.6 (realistic noise) (counts = 176)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.7 (realistic noise) (counts = 196)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 186)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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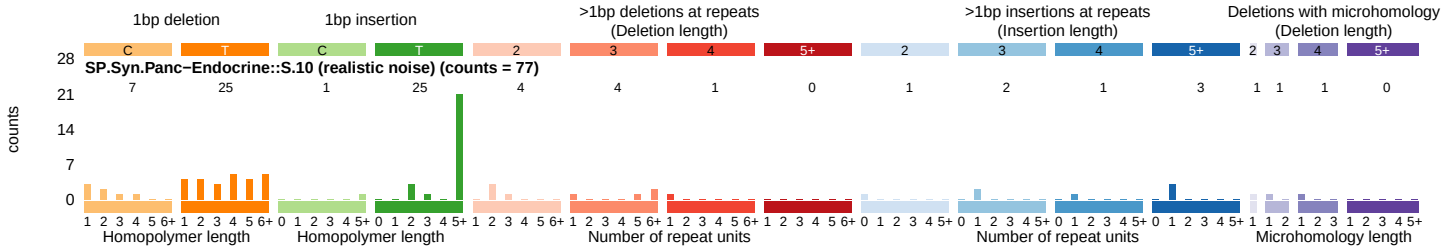
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.9 (realistic noise) (counts = 107)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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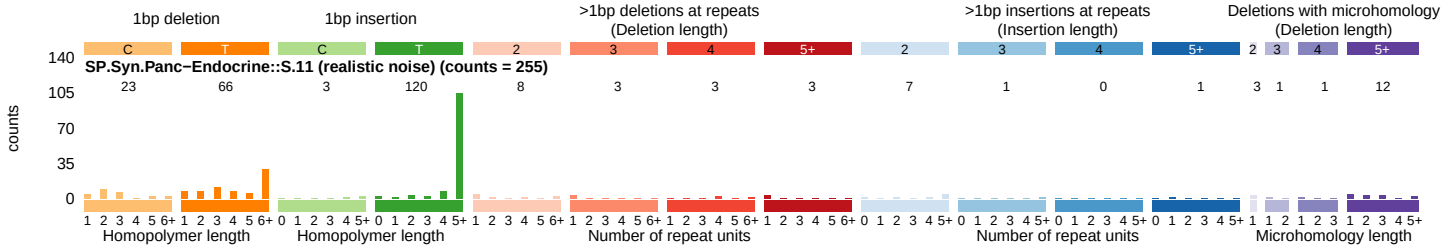
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−Endocrine::S.10 (realistic noise) (counts = 77)
7 25 1 25 4 4 1 0 1 2 1 3 1 1 1 0
counts
Homopolymer length
Number of repeat units
Microhomology length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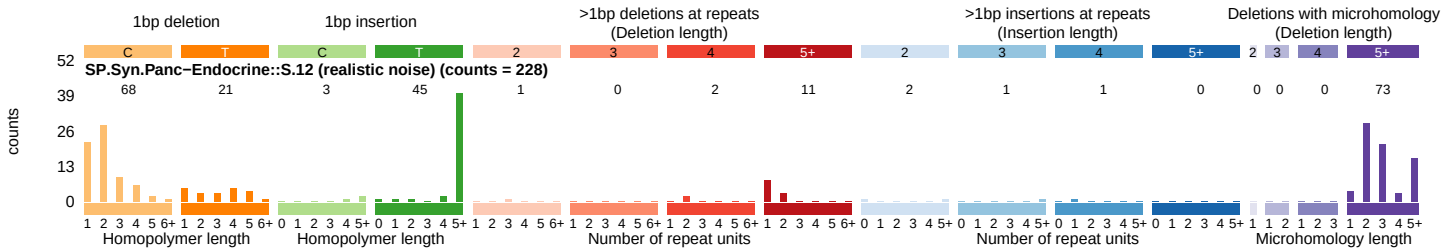
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−Endocrine::S.11 (realistic noise) (counts = 255)
23 66 3 120 8 3 3 3 7 1 0 1 3 1 1 12
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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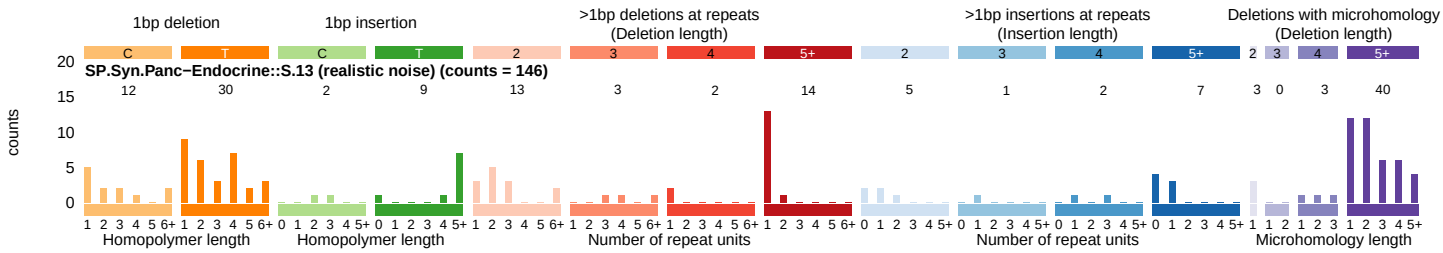
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−Endocrine::S.12 (realistic noise) (counts = 228)
68 21 3 45 1 0 2 11 2 1 1 0 0 0 0 73
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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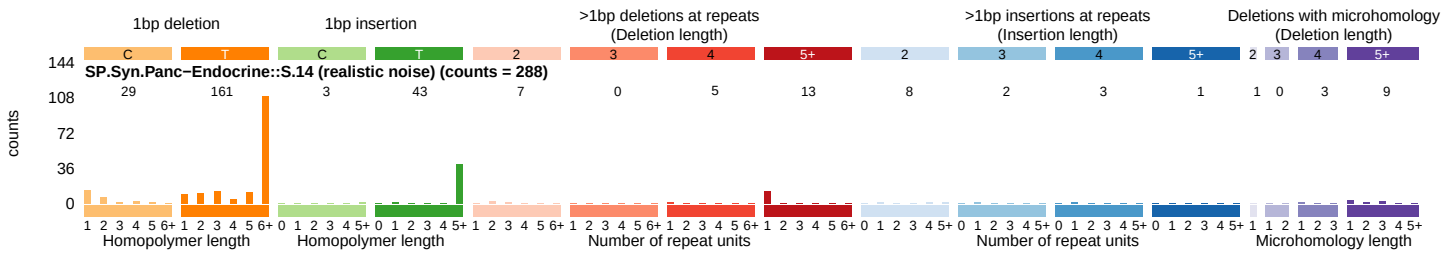
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−Endocrine::S.13 (realistic noise) (counts = 146)
12 30 2 9 13 3 2 14 5 1 2 7 3 0 3 40
counts
Homopolymer length
Number of repeat units
Microhomology length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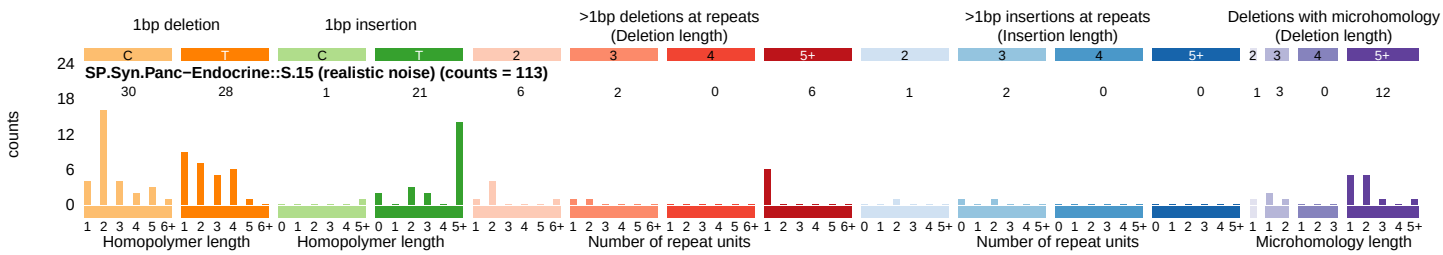
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−Endocrine::S.14 (realistic noise) (counts = 288)
29 161 3 43 7 0 5 13 8 2 3 1 1 0 3 9
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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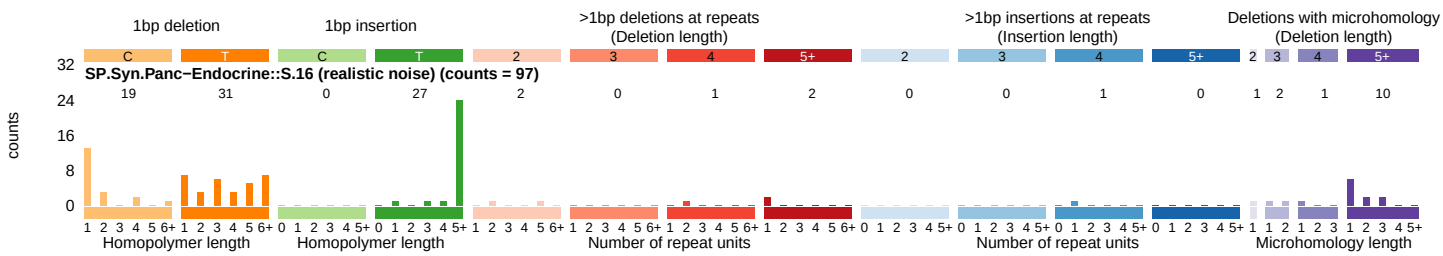
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−Endocrine::S.15 (realistic noise) (counts = 113)
30 28 1 21 6 2 0 6 1 2 0 0 1 3 0 12
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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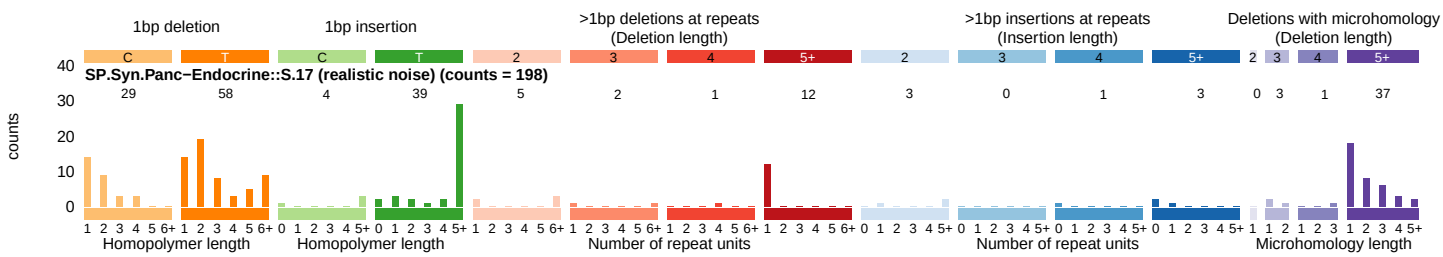
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−Endocrine::S.16 (realistic noise) (counts = 97)
19 31 0 27 2 0 1 2 0 0 1 0 1 2 1 10
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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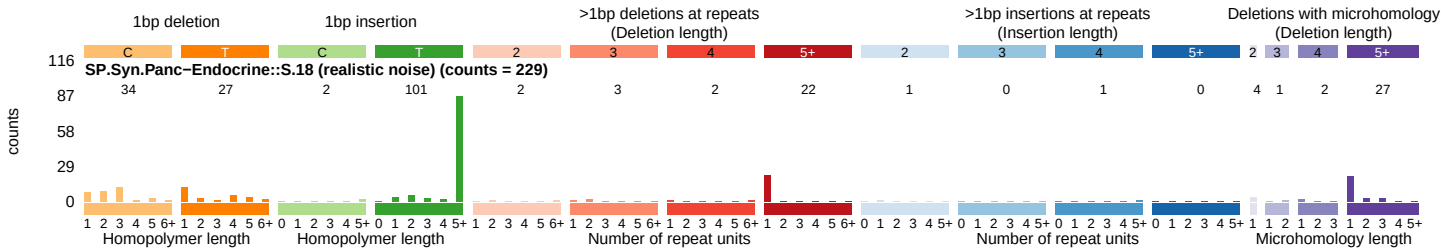
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Panc−Endocrine::S.17 (realistic noise) (counts = 198)
29 58 4 39 5 2 1 12 3 0 1 3 0 3 1 37
counts
Homopolymer length
Number of repeat units
Microhomology length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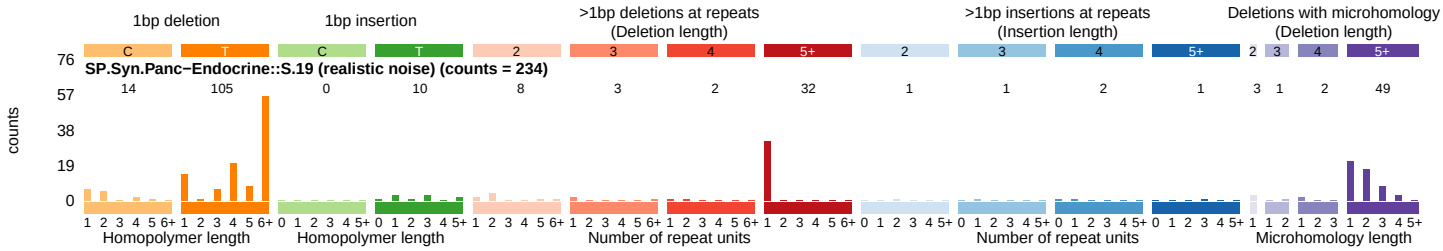
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.18 (realistic noise) (counts = 229)
34 27 2 101 2 3 2 22 1 0 1 0 4 1 2 27
counts
Homopolymer length
Number of repeat units
Microhomology length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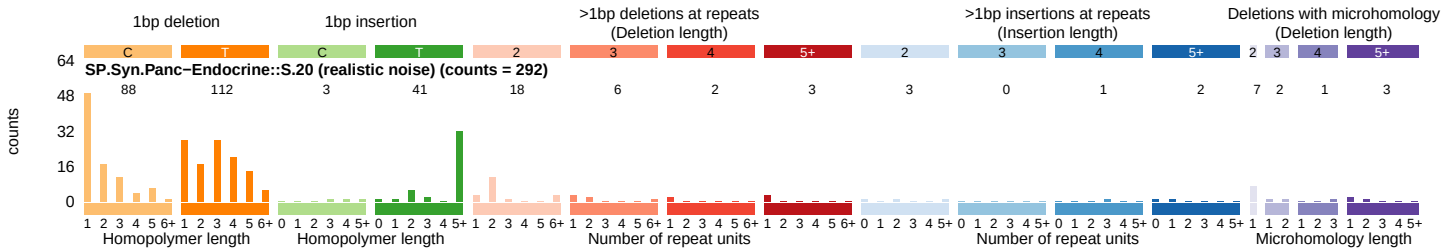
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.19 (realistic noise) (counts = 234)
14 105 0 10 8 3 2 32 1 1 2 1 3 1 2 49
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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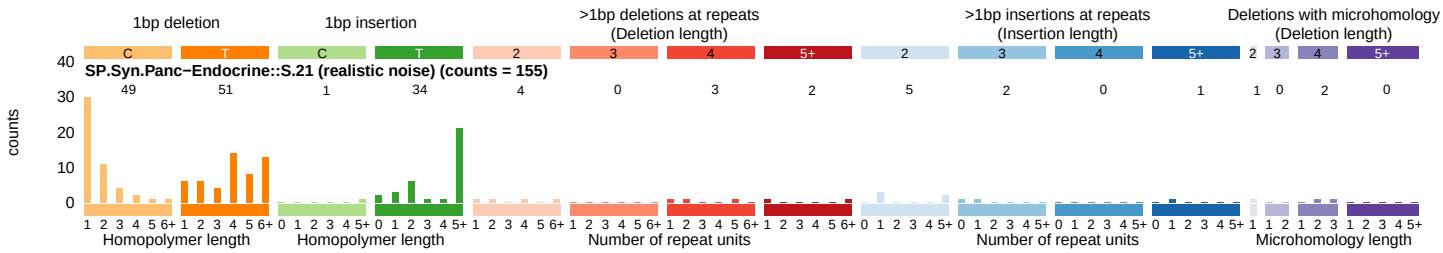
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.20 (realistic noise) (counts = 292)
88 112 3 41 18 6 2 3 3 0 1 2 7 2 1 3
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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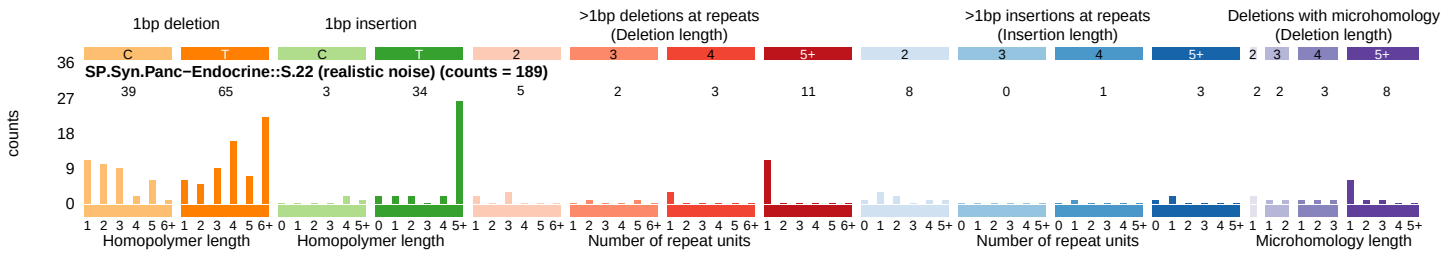
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.21 (realistic noise) (counts = 155)
49 51 1 34 4 0 3 2 5 2 0 1 1 0 2 0
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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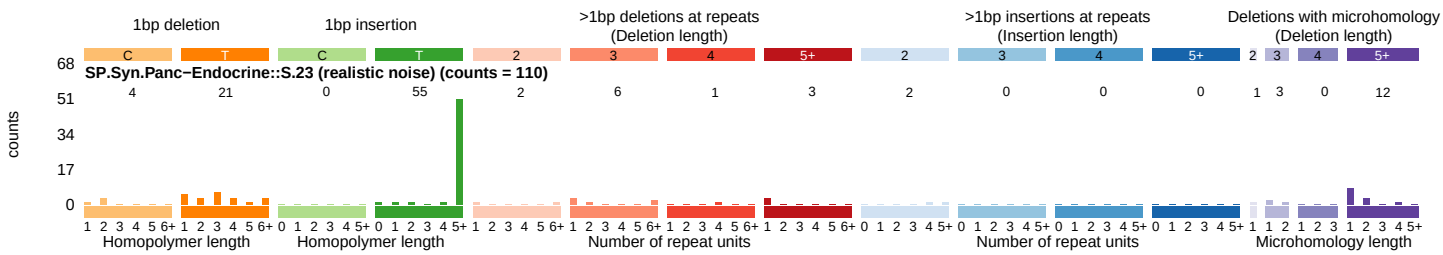
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.22 (realistic noise) (counts = 189)
39 65 3 34 5 2 3 11 8 0 1 3 2 2 3 8
counts
Homopolymer length
Number of repeat units
Microhomology length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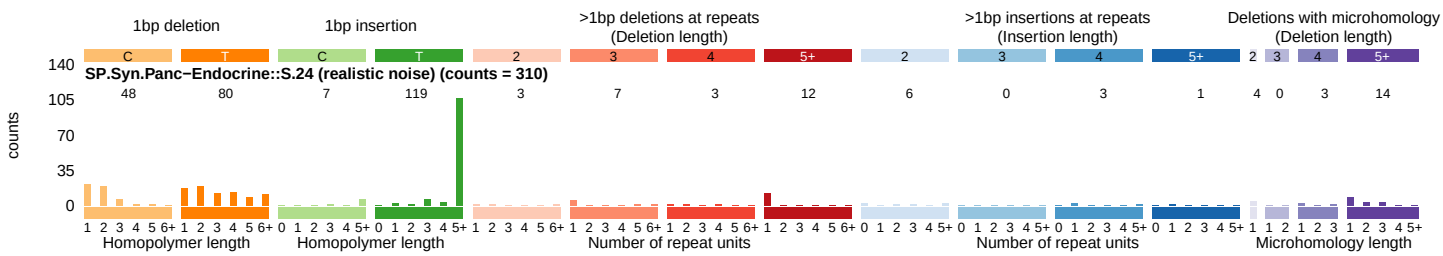
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.23 (realistic noise) (counts = 110)
4 21 0 55 2 6 1 3 2 0 0 0 1 3 0 12
counts
Homopolymer length
Number of repeat units
Microhomology length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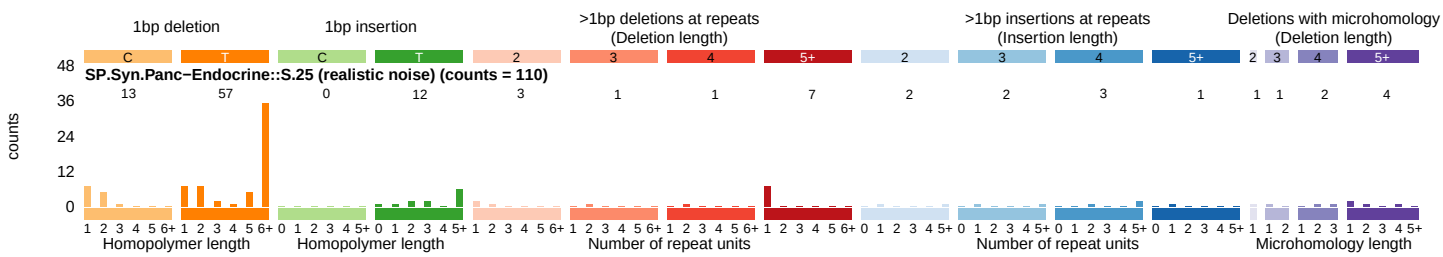
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.24 (realistic noise) (counts = 310)
48 80 7 119 3 7 3 12 6 0 3 1 4 0 3 14
counts
Homopolymer length
Number of repeat units
Microhomology length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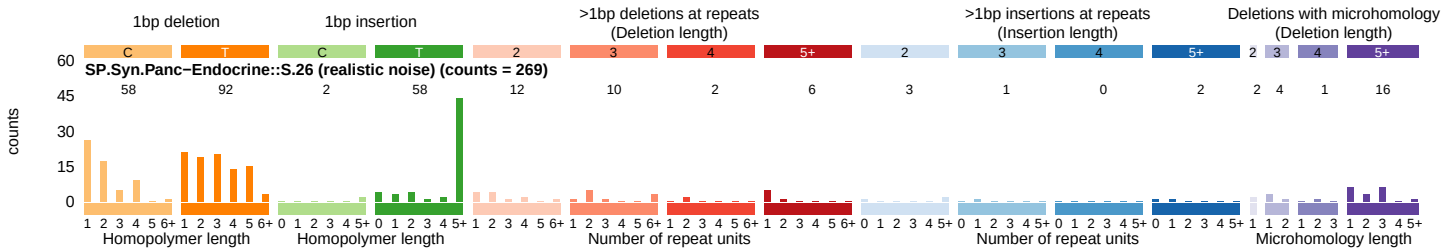
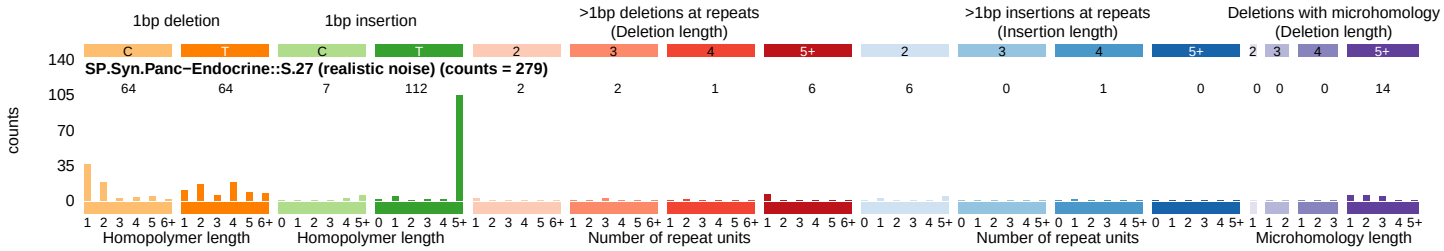
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.25 (realistic noise) (counts = 110)
13 57 0 12 3 1 1 7 2 2 3 1 1 1 2 4
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.26 (realistic noise) (counts = 269)
58 92 2 58 12 10 2 6 3 1 0 2 2 4 1 16
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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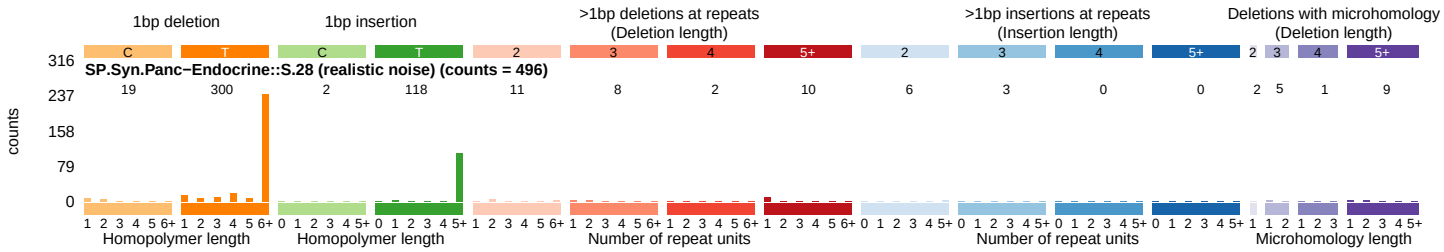
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.27 (realistic noise) (counts = 279)
64 64 7 112 2 2 1 6 6 0 1 0 0 0 0 14
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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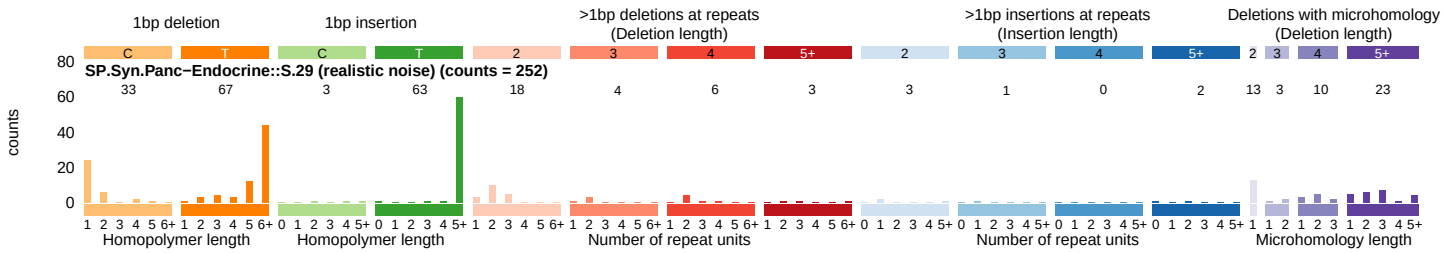
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.28 (realistic noise) (counts = 496)
19 300 2 118 11 8 2 10 6 3 0 0 2 5 1 9
counts
Homopolymer length
Number of repeat units
Microhomology length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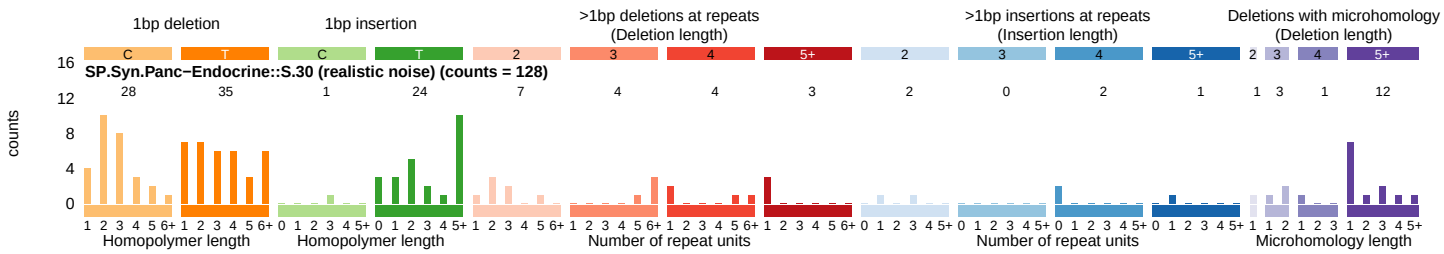
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.29 (realistic noise) (counts = 252)
33 67 3 63 18 4 6 3 3 1 0 2 13 3 10 23
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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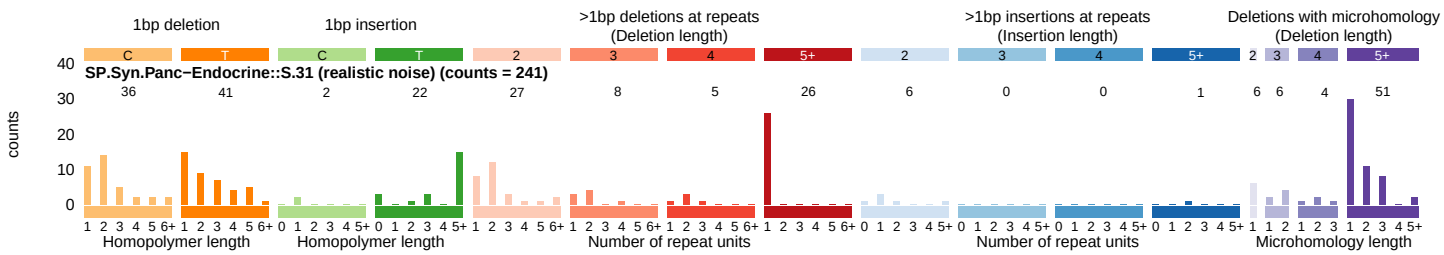
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.30 (realistic noise) (counts = 128)
28 35 1 24 7 4 4 3 2 0 2 1 1 3 1 12
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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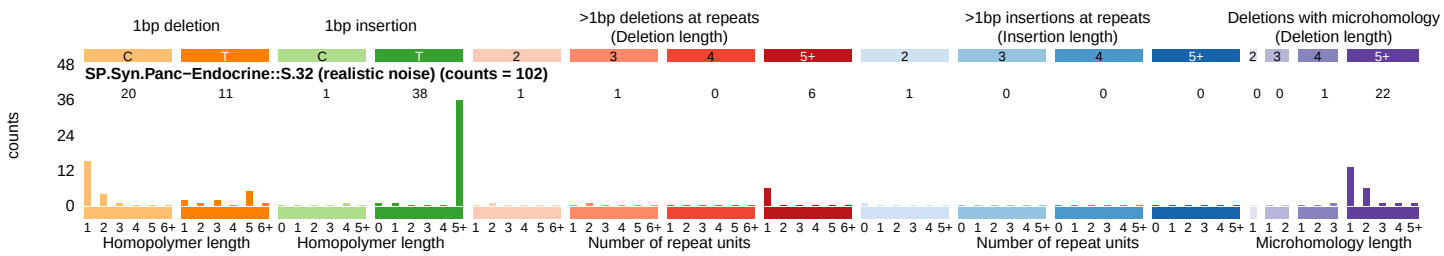
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.31 (realistic noise) (counts = 241)
36 41 2 22 27 8 5 26 6 0 0 1 6 6 4 51
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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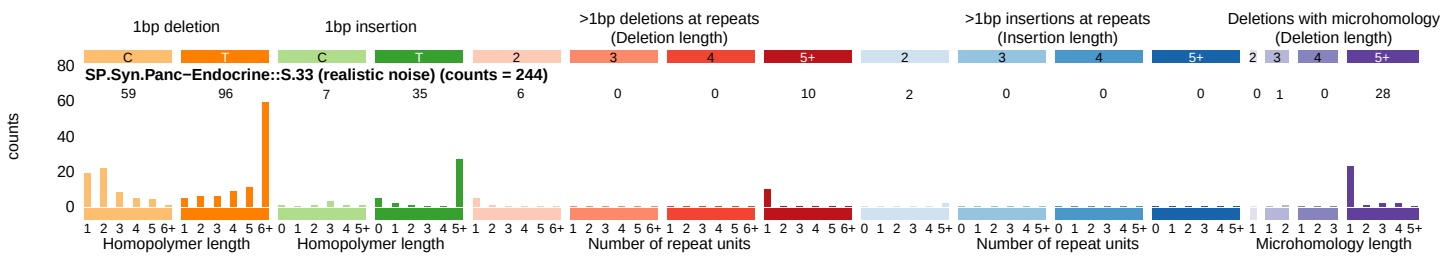
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.32 (realistic noise) (counts = 102)
20 11 1 38 1 1 0 6 1 0 0 0 0 0 1 22
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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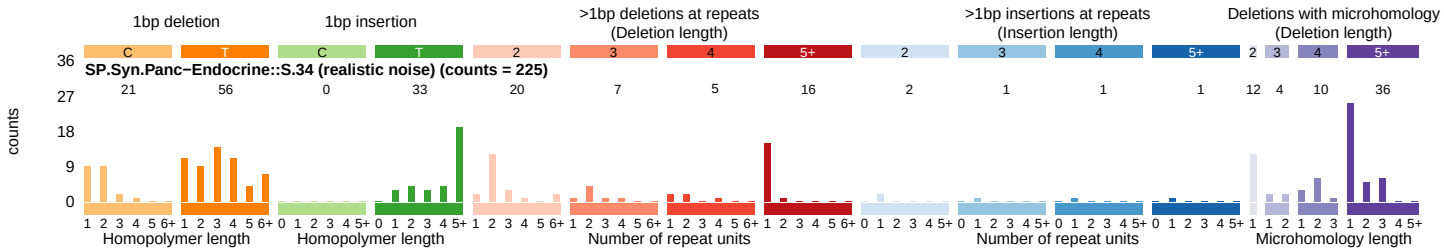
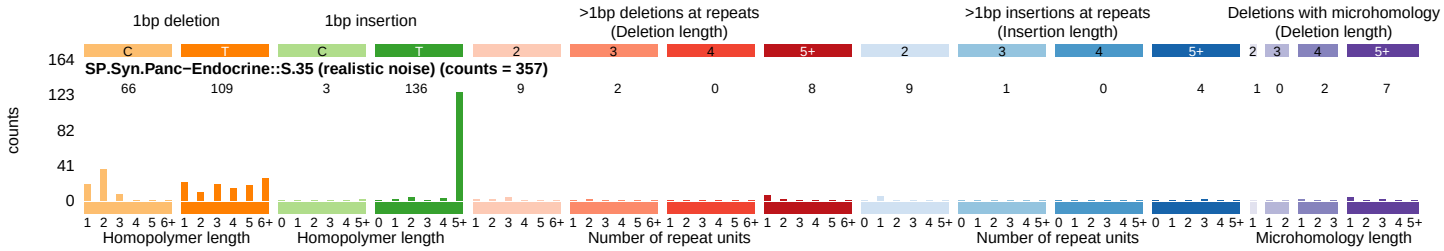
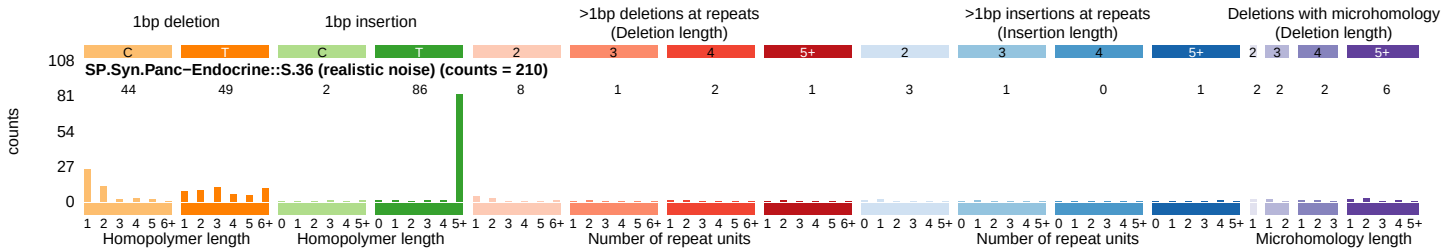
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.33 (realistic noise) (counts = 244)
59 96 7 35 6 0 0 10 2 0 0 0 0 1 0 28
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.34 (realistic noise) (counts = 225)
21 56 0 33 20 7 5 16 2 1 1 1 12 4 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.Panc−Endocrine::S.35 (realistic noise) (counts = 357)
66 109 3 136 9 2 0 8 9 1 0 4 1 0 2 7
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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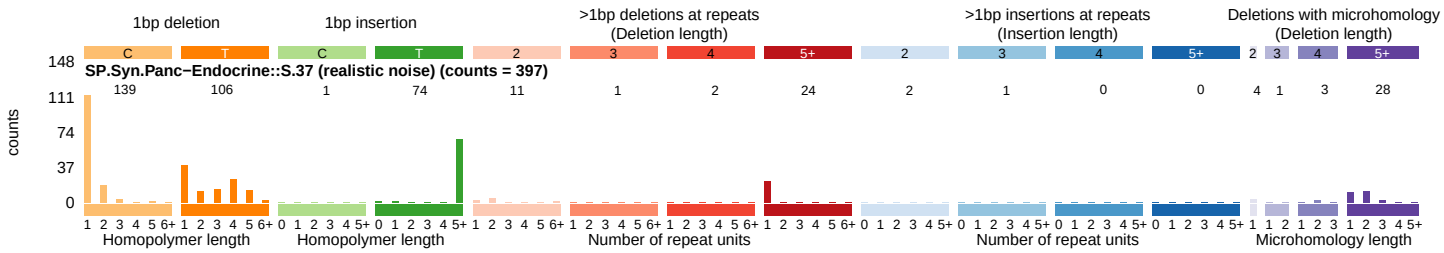
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.36 (realistic noise) (counts = 210)
44 49 2 86 8 1 2 1 3 1 0 1 2 2 2 6
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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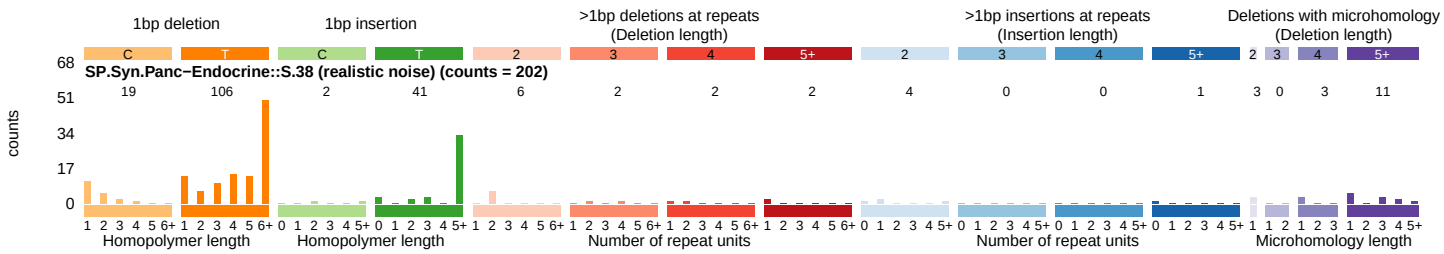
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.37 (realistic noise) (counts = 397)
139 106 1 74 11 1 2 24 2 1 0 0 4 1 3 28
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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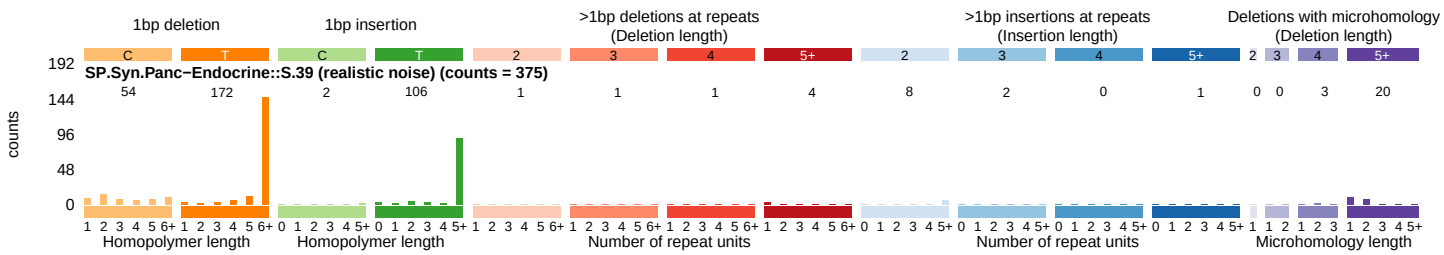
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.38 (realistic noise) (counts = 202)
19 106 2 41 6 2 2 2 4 0 0 1 3 0 3 11
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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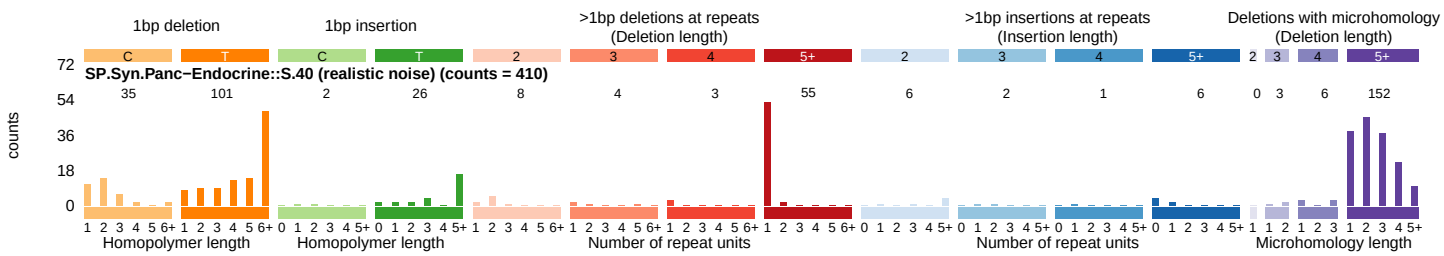
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.39 (realistic noise) (counts = 375)
54 172 2 106 1 1 1 4 8 2 0 1 0 0 3 20
counts
Homopolymer length
Number of repeat units
Microhomology length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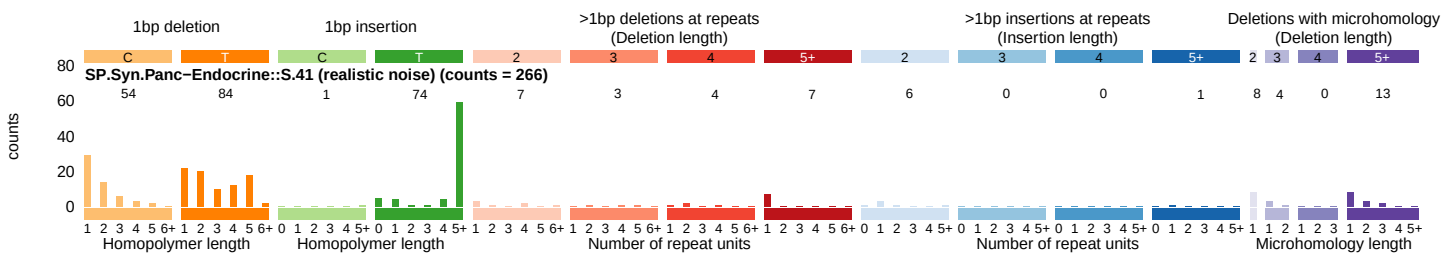
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.40 (realistic noise) (counts = 410)
35 101 2 26 8 4 3 55 6 2 1 6 0 3 6 152
counts
Homopolymer length
Number of repeat units
Microhomology length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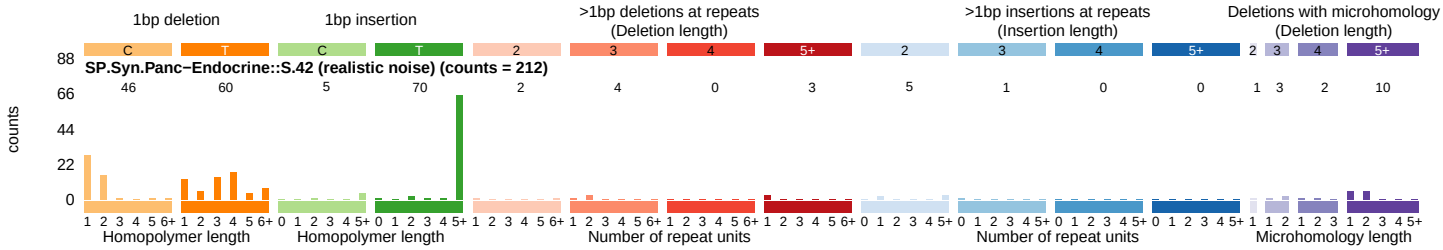
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.41 (realistic noise) (counts = 266)
54 84 1 74 7 3 4 7 6 0 0 1 8 4 0 13
counts
Homopolymer length
Number of repeat units
Microhomology length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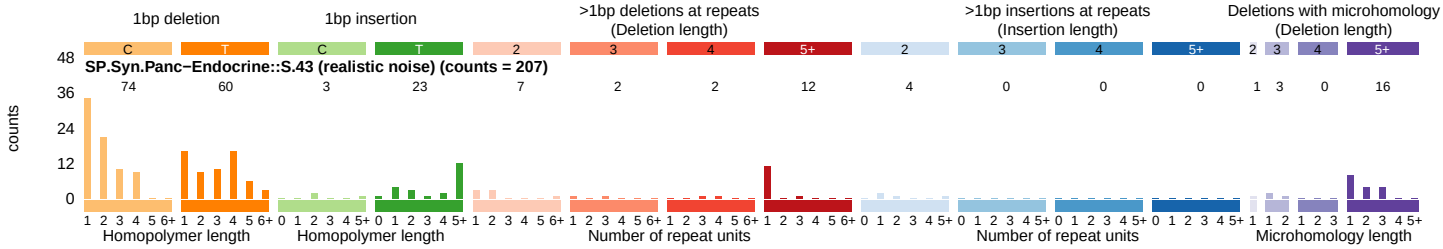
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.42 (realistic noise) (counts = 212)
46 60 5 70 2 4 0 3 5 1 0 0 1 3 2 10
counts
Homopolymer length
Number of repeat units
Microhomology length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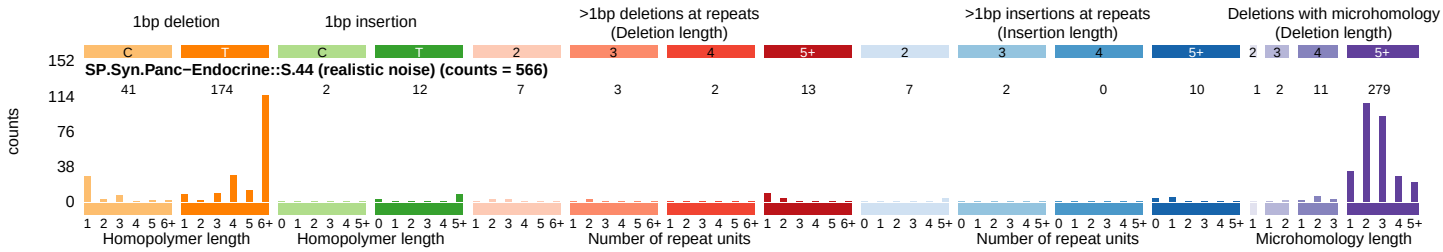
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.43 (realistic noise) (counts = 207)
74 60 3 23 7 2 2 12 4 0 0 0 1 3 0 16
counts
Homopolymer length
Number of repeat units
Microhomology length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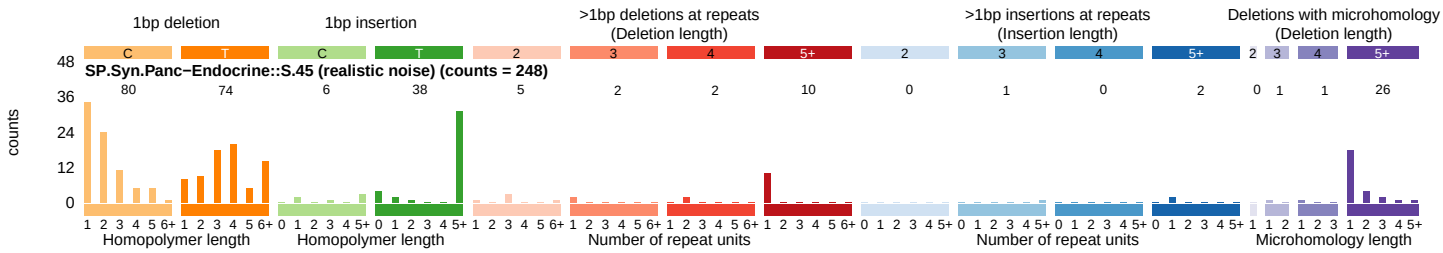
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.44 (realistic noise) (counts = 566)
41 174 2 12 7 3 2 13 7 2 0 10 1 2 11 279
counts
Homopolymer length
Number of repeat units
Microhomology length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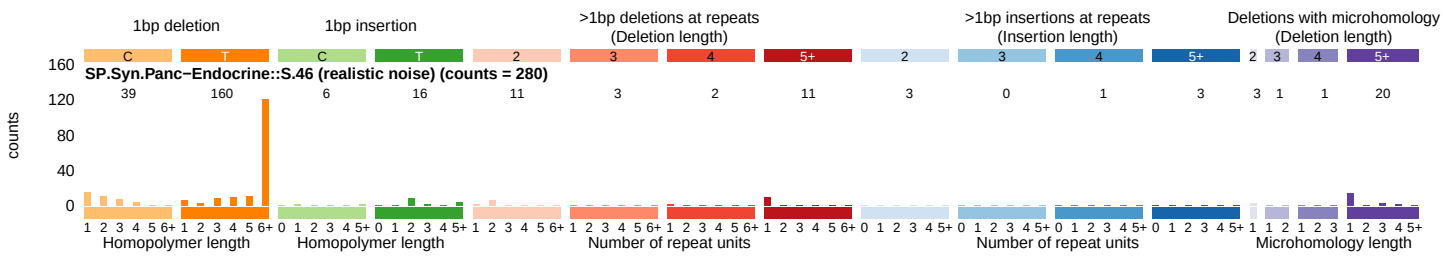
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.45 (realistic noise) (counts = 248)
80 74 6 38 5 2 2 10 0 1 0 2 0 1 1 26
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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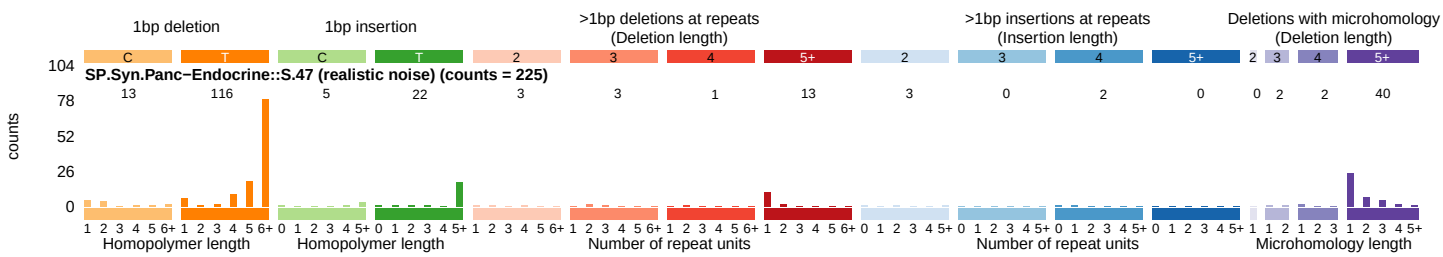
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.46 (realistic noise) (counts = 280)
39 160 6 16 11 3 2 11 3 0 1 3 3 1 1 20
counts
Homopolymer length
Number of repeat units
Microhomology length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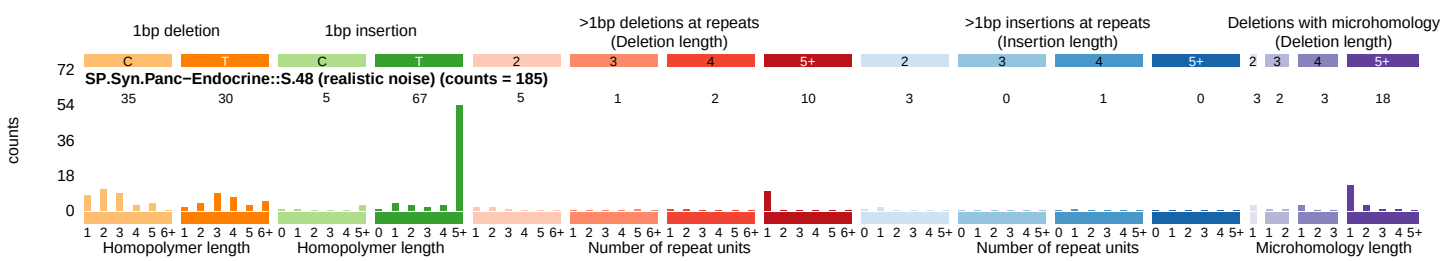
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.47 (realistic noise) (counts = 225)
13 116 5 22 3 3 1 13 3 0 2 0 0 2 2 40
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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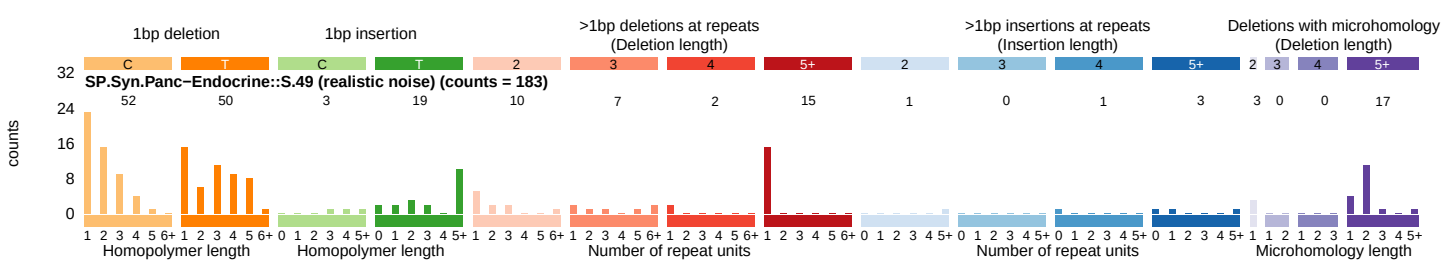
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.48 (realistic noise) (counts = 185)
35 30 5 67 5 1 2 10 3 0 1 0 3 2 3 18
counts
Homopolymer length
Number of repeat units
Microhomology length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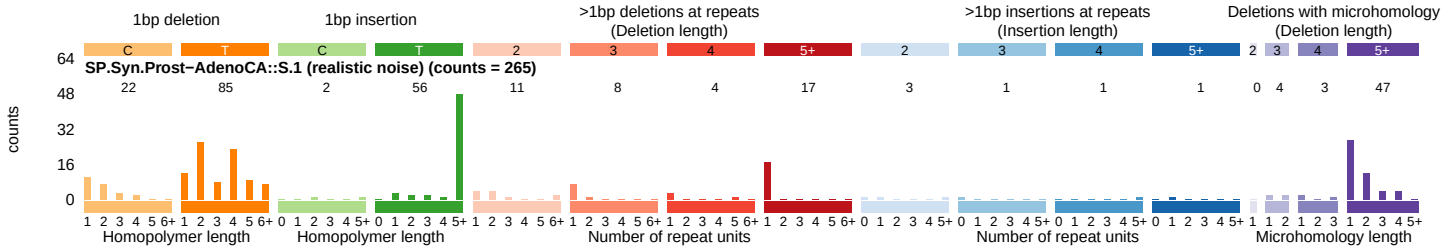
Deletions with microhomology (Deletion length)
SP.Syn.Panc−Endocrine::S.49 (realistic noise) (counts = 183)
52 50 3 19 10 7 2 15 1 0 1 3 3 0 0 17
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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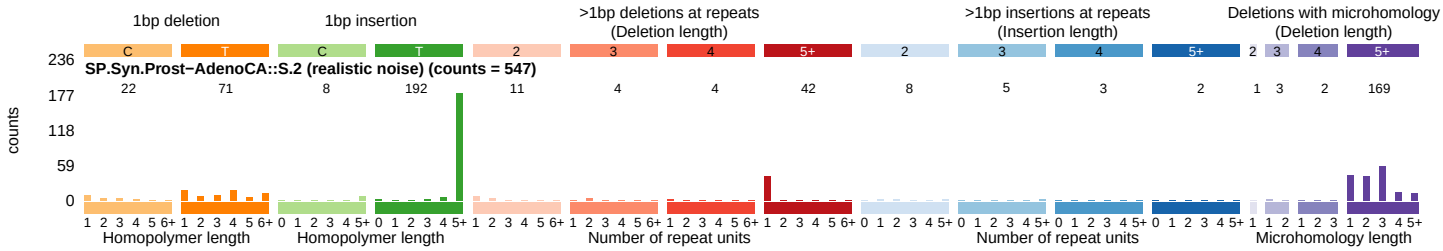
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.1 (realistic noise) (counts = 265)
22 85 2 56 11 8 4 17 3 1 1 1 0 4 3 47
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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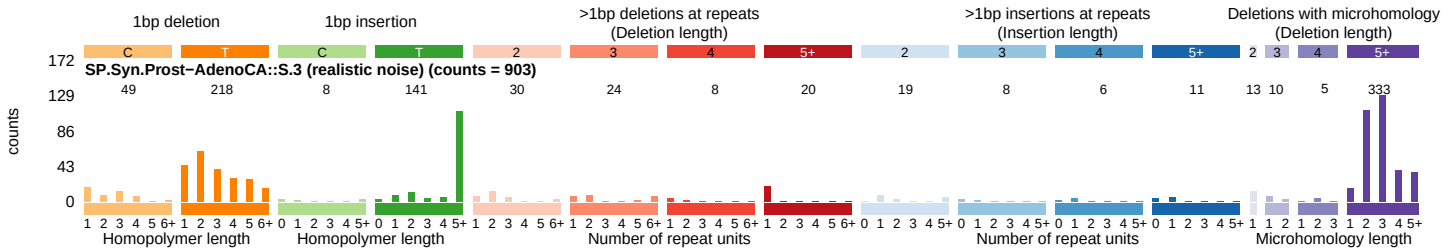
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.2 (realistic noise) (counts = 547)
22 71 8 192 11 4 4 42 8 5 3 2 1 3 2 169
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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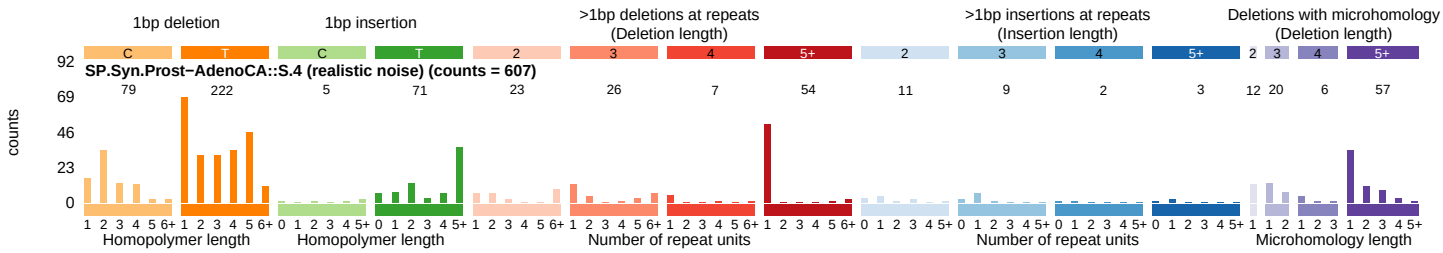
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.3 (realistic noise) (counts = 903)
49 218 8 141 30 24 8 20 19 8 6 11 13 10 5 333
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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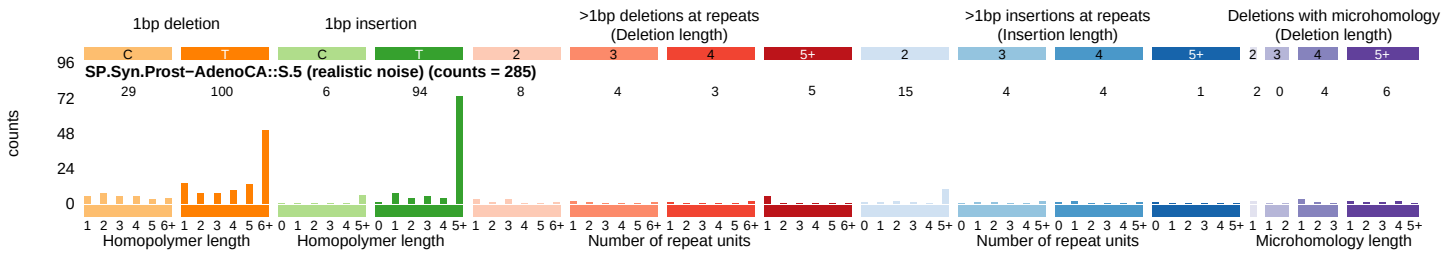
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.4 (realistic noise) (counts = 607)
79 222 5 71 23 26 7 54 11 9 2 3 12 20 6 57
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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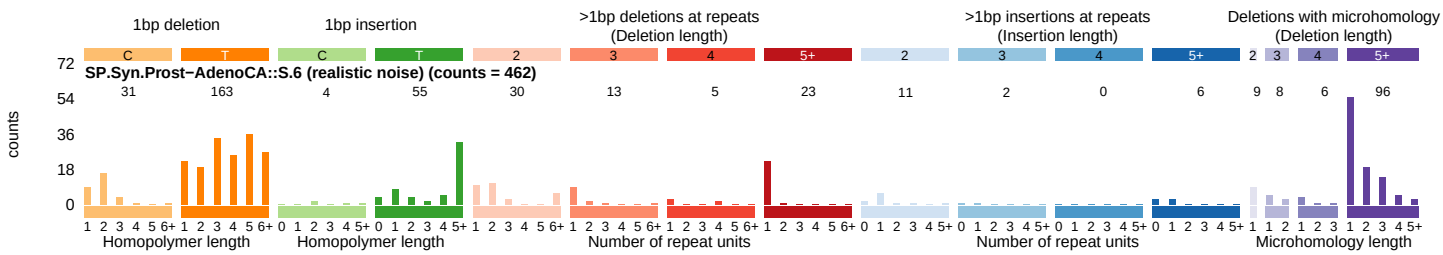
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.5 (realistic noise) (counts = 285)
29 100 6 94 8 4 3 5 15 4 4 1 2 0 4 6
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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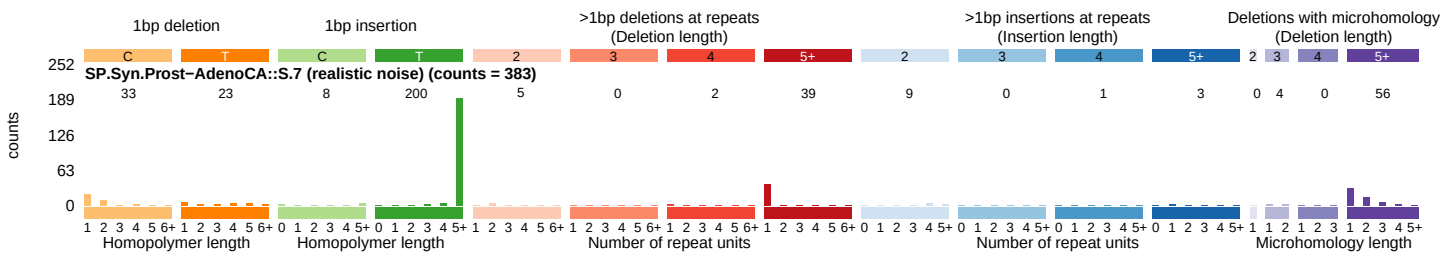
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.6 (realistic noise) (counts = 462)
31 163 4 55 30 13 5 23 11 2 0 6 9 8 6 96
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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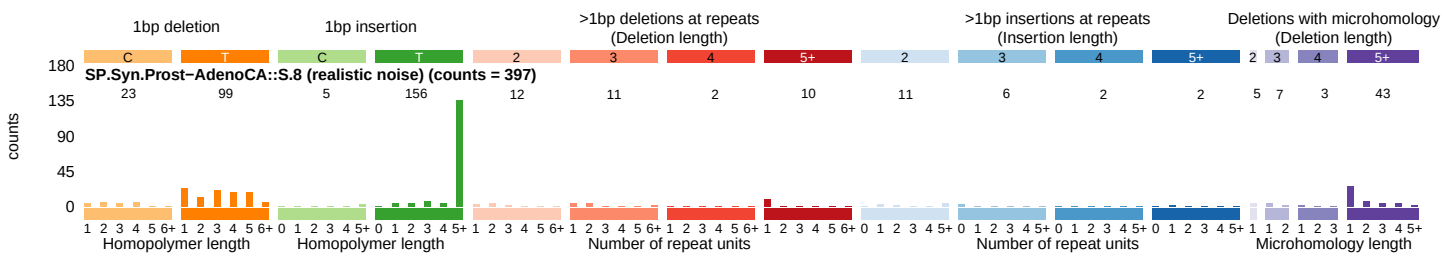
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.7 (realistic noise) (counts = 383)
33 23 8 200 5 0 2 39 9 0 1 3 0 4 0 56
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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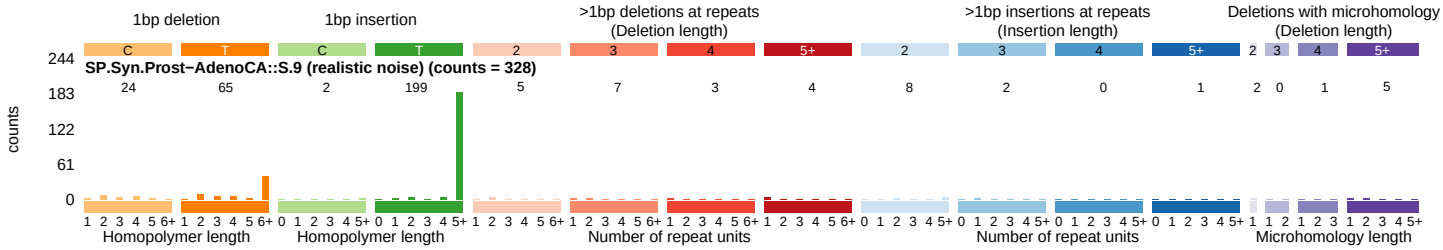
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.8 (realistic noise) (counts = 397)
23 99 5 156 12 11 2 10 11 6 2 2 5 7 3 43
counts
Homopolymer length
Number of repeat units
Microhomology length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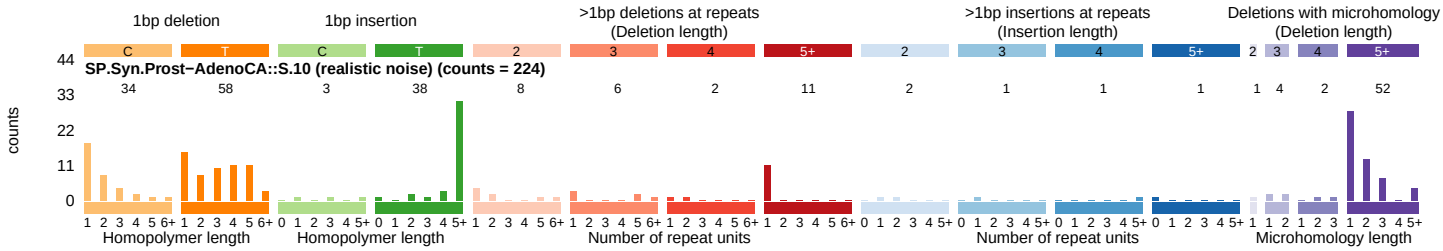
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.9 (realistic noise) (counts = 328)
counts
Homopolymer length
Number of repeat units
Microhomology length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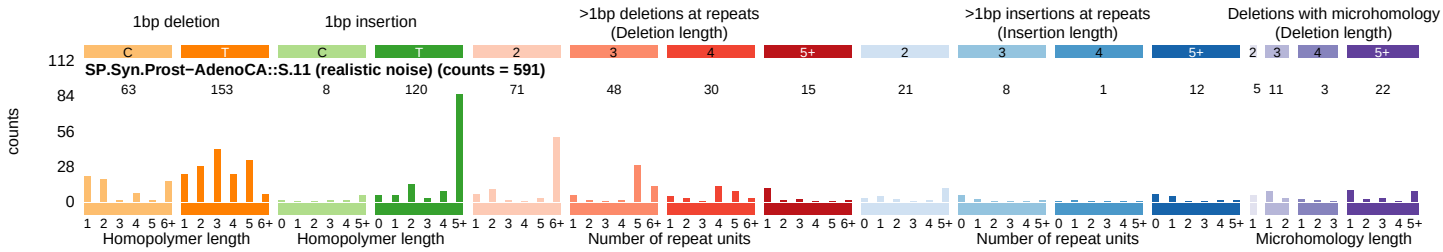
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.10 (realistic noise) (counts = 224)
counts
Homopolymer length
Number of repeat units
Microhomology length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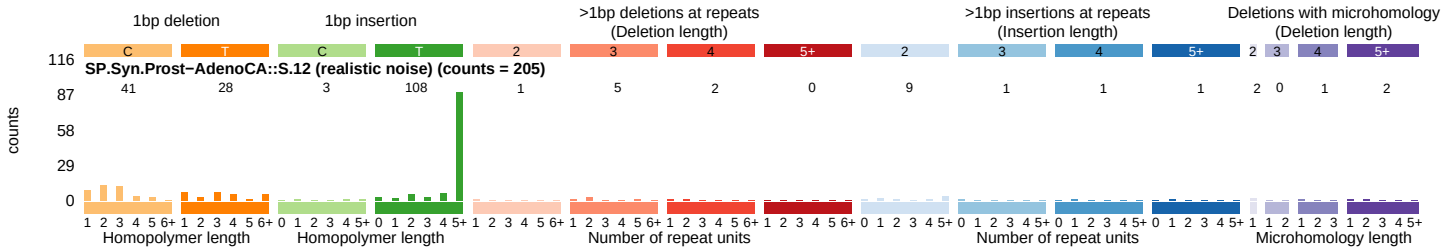
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.11 (realistic noise) (counts = 591)
counts
Homopolymer length
Number of repeat units
Microhomology length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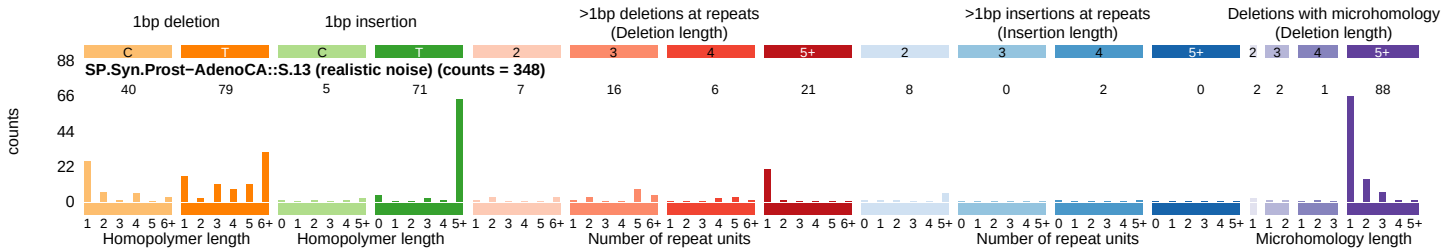
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.12 (realistic noise) (counts = 205)
counts
Homopolymer length
Number of repeat units
Microhomology length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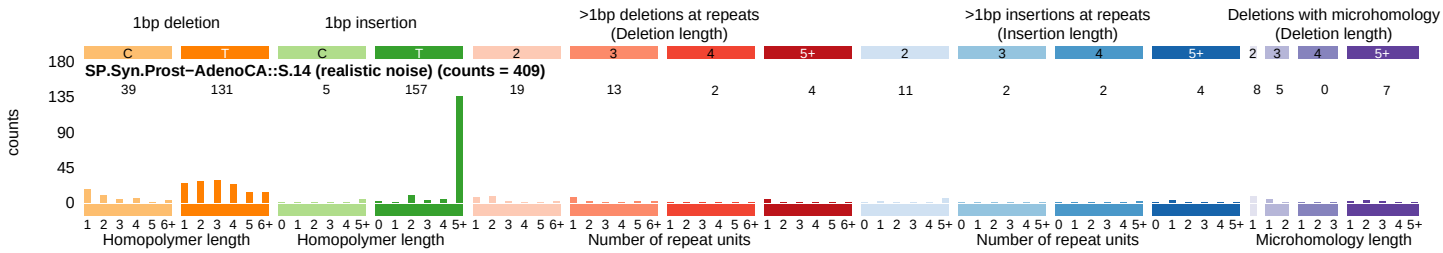
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.13 (realistic noise) (counts = 348)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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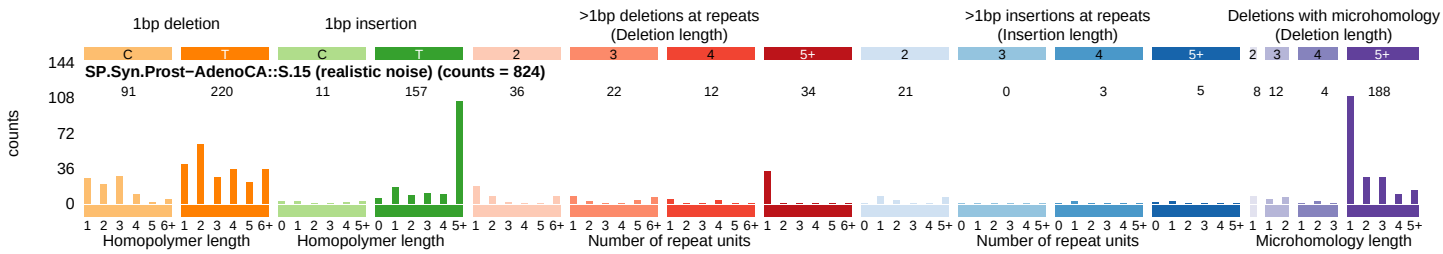
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.14 (realistic noise) (counts = 409)
counts
Homopolymer length
Number of repeat units
Microhomology length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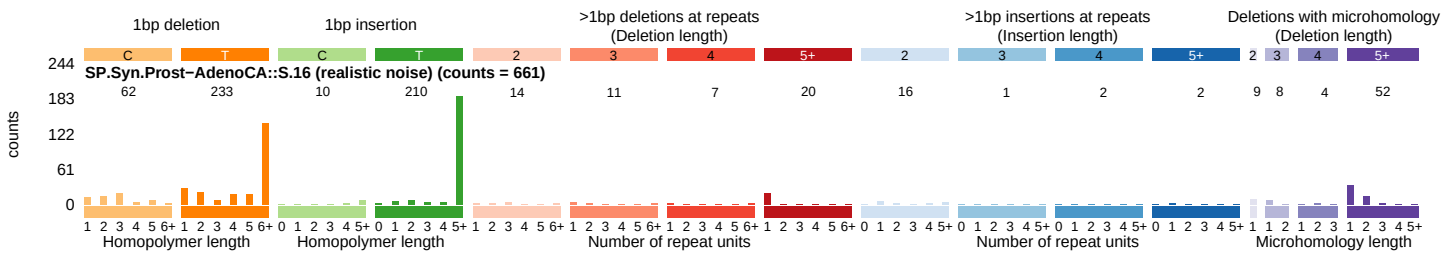
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.15 (realistic noise) (counts = 824)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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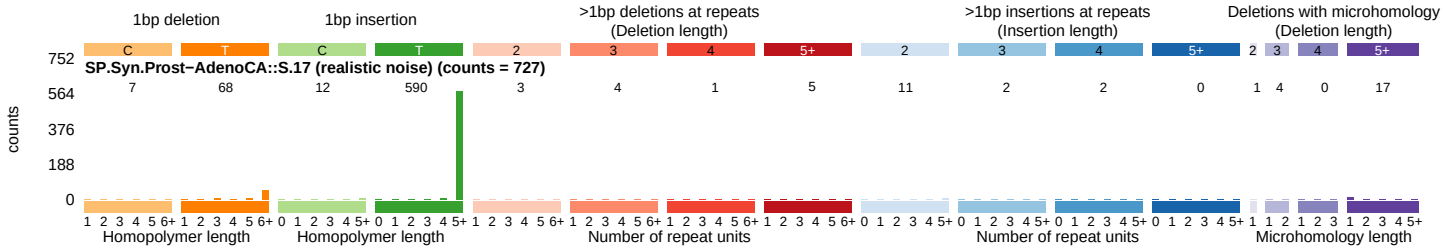
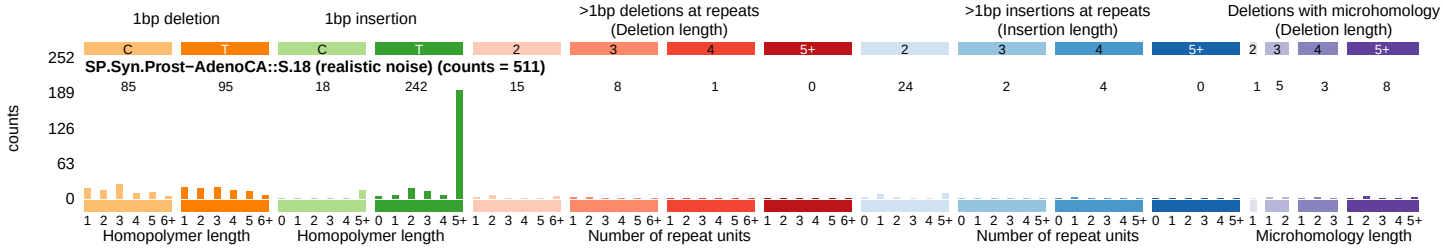
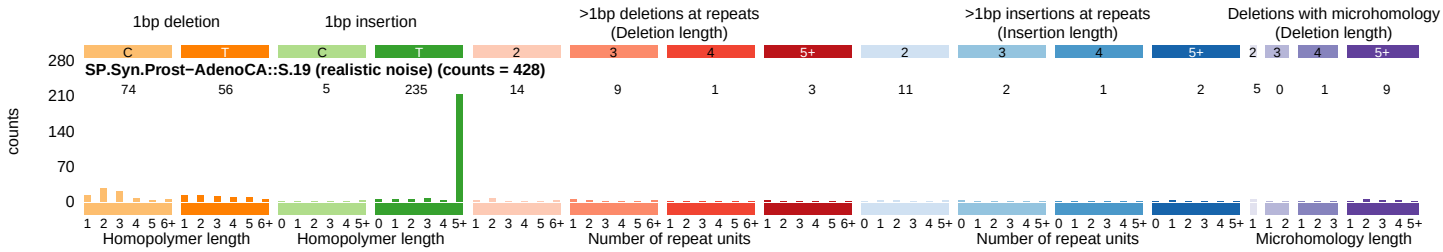
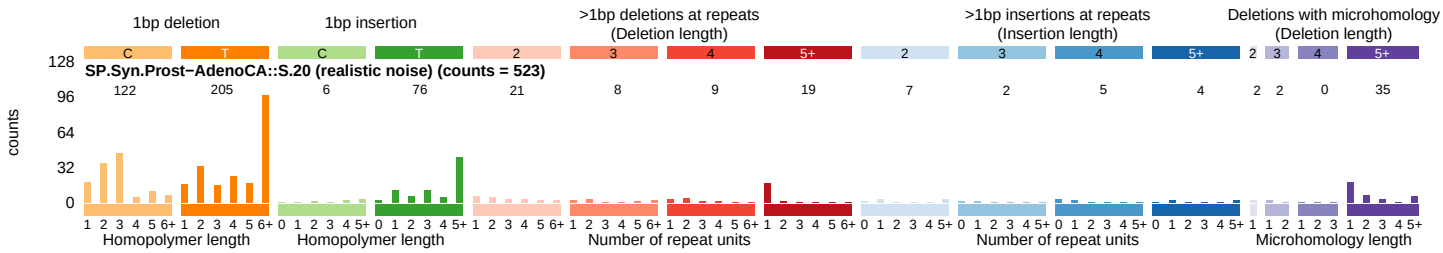
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.16 (realistic noise) (counts = 661)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.17 (realistic noise) (counts = 727)
7 68 12 590 3 4 1 5 11 2 2 0 1 4 0 17
counts
752 564 376 188 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.Prost−AdenoCA::S.18 (realistic noise) (counts = 511)
85 95 18 242 15 8 1 0 24 2 4 0 1 5 3 8
counts
252 189 126 63 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.19 (realistic noise) (counts = 428)
74 56 5 235 14 9 1 3 11 2 1 2 5 0 1 9
counts
280 210 140 70 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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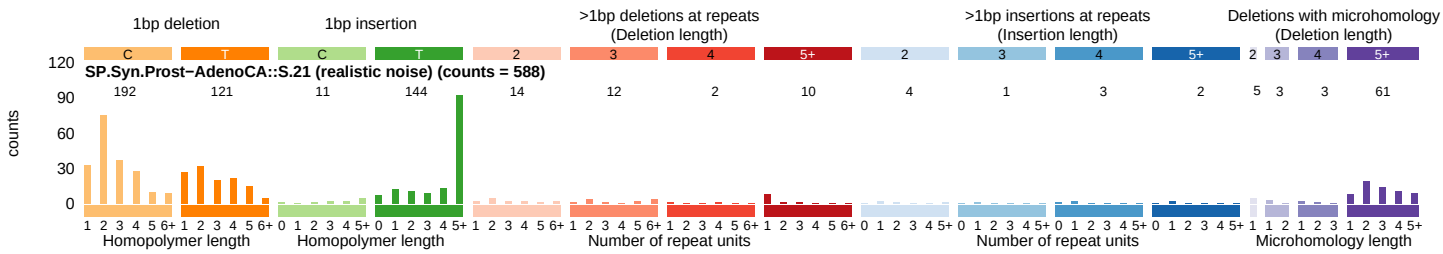
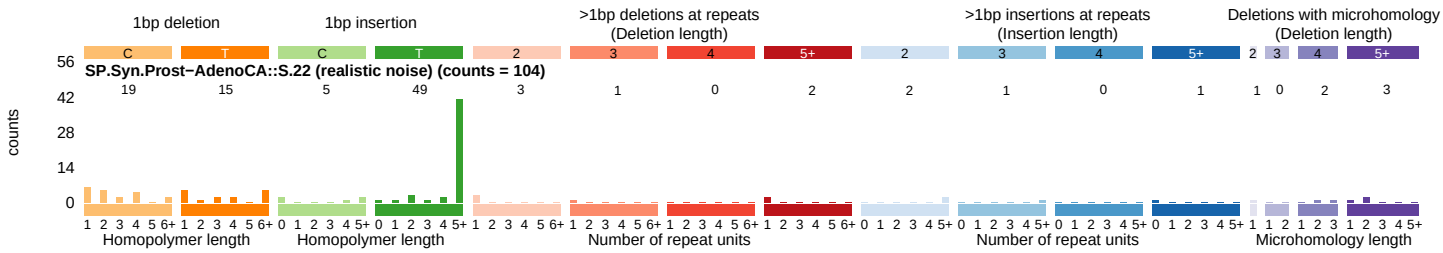
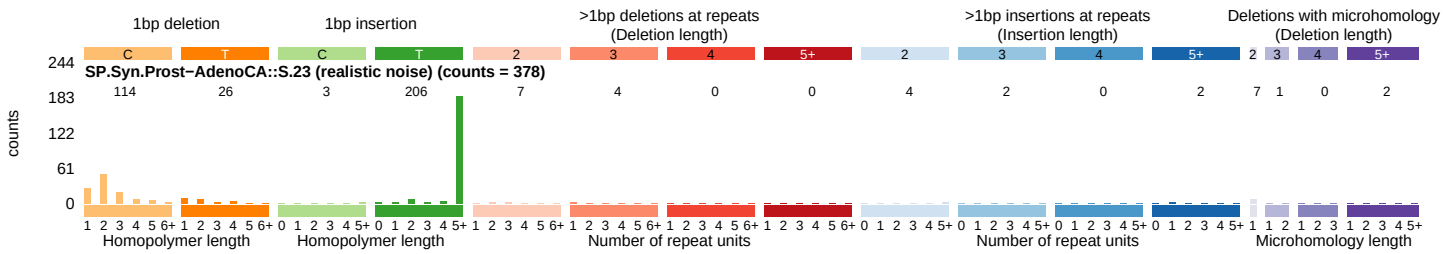
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.20 (realistic noise) (counts = 523)
122 205 6 76 21 8 9 19 7 2 5 4 2 2 0 35
counts
128 96 64 32 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology 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.Prost−AdenoCA::S.21 (realistic noise) (counts = 588)
192 121 11 144 14 12 2 10 4 1 3 2 5 3 3 61
counts
120 90 60 30 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.22 (realistic noise) (counts = 104)
19 15 5 49 3 1 0 2 2 1 0 1 1 0 2 3
counts
56 42 28 14 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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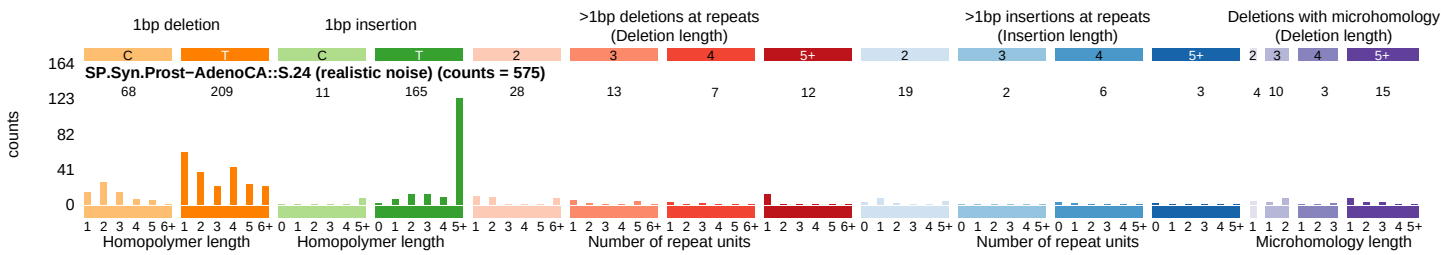
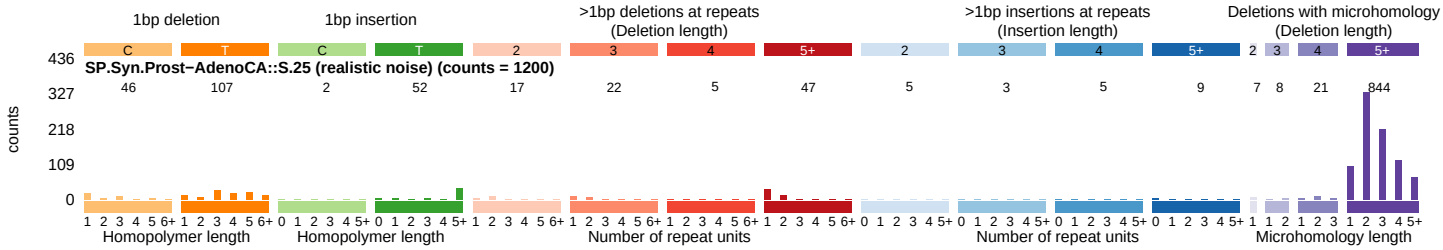
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.23 (realistic noise) (counts = 378)
114 26 3 206 7 4 0 0 4 2 0 2 7 1 0 2
counts
244 183 122 61 0
Homopolymer length
Homopolymer length
Number of repeat 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.Prost−AdenoCA::S.24 (realistic noise) (counts = 575)
68 209 11 165 28 13 7 12 19 2 6 3 4 10 3 15
counts
164 123 82 41 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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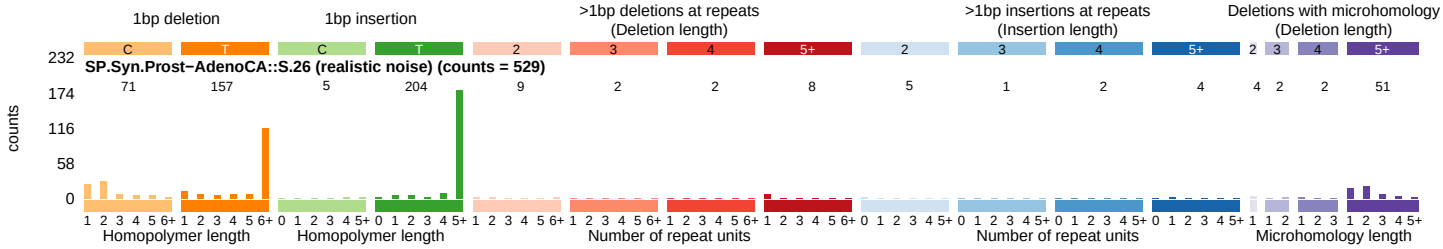
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.25 (realistic noise) (counts = 1200)
46 107 2 52 17 22 5 47 5 3 5 9 7 8 21 844
counts
Homopolymer length
Number of repeat units
Microhomology length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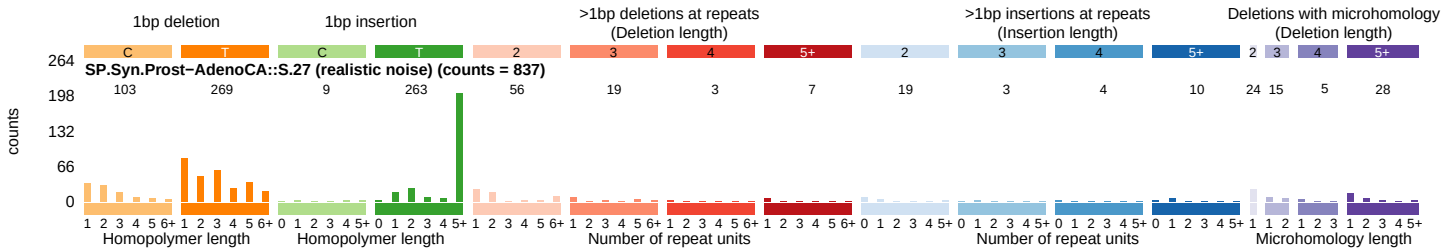
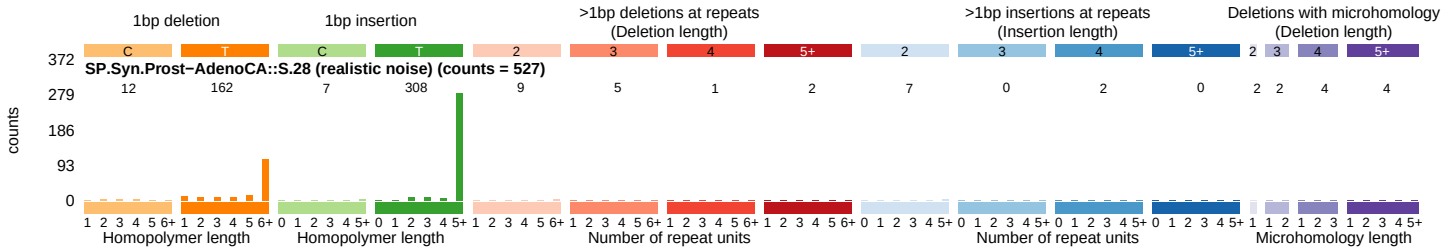
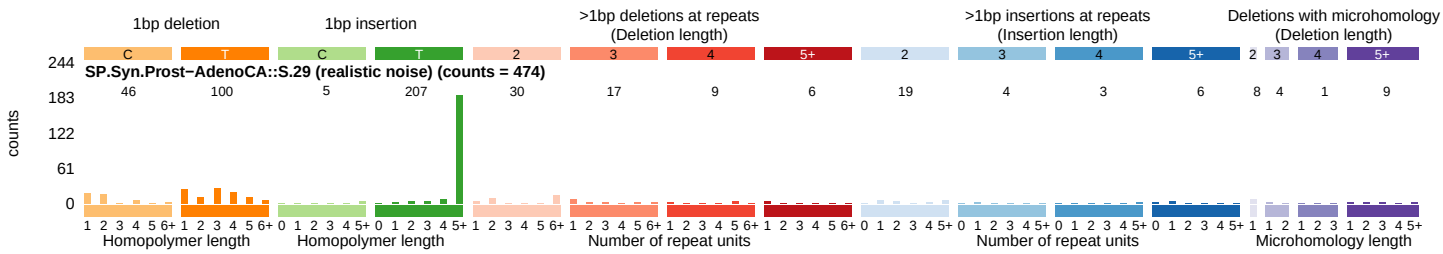
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.26 (realistic noise) (counts = 529)
71 157 5 204 9 2 2 8 5 1 2 4 4 2 2 51
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.27 (realistic noise) (counts = 837)
103 269 9 263 56 19 3 7 19 3 4 10 24 15 5 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.28 (realistic noise) (counts = 527)
12 162 7 308 9 5 1 2 7 0 2 0 2 2 4 4
counts
Homopolymer length
Number of repeat units
Microhomology length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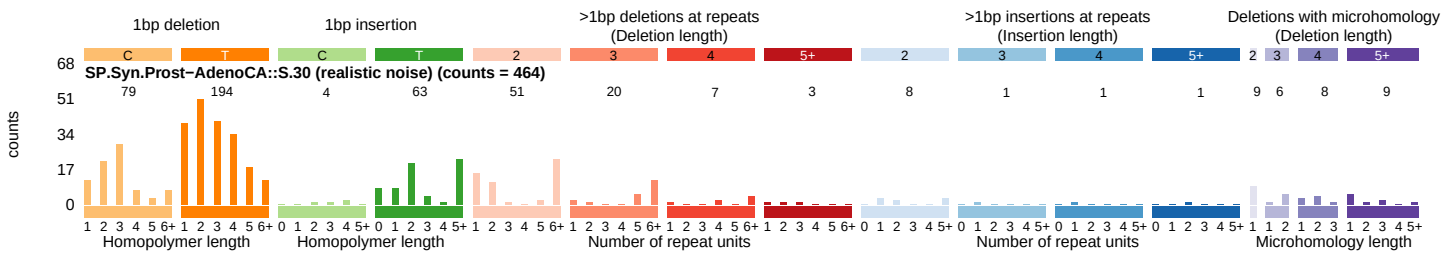
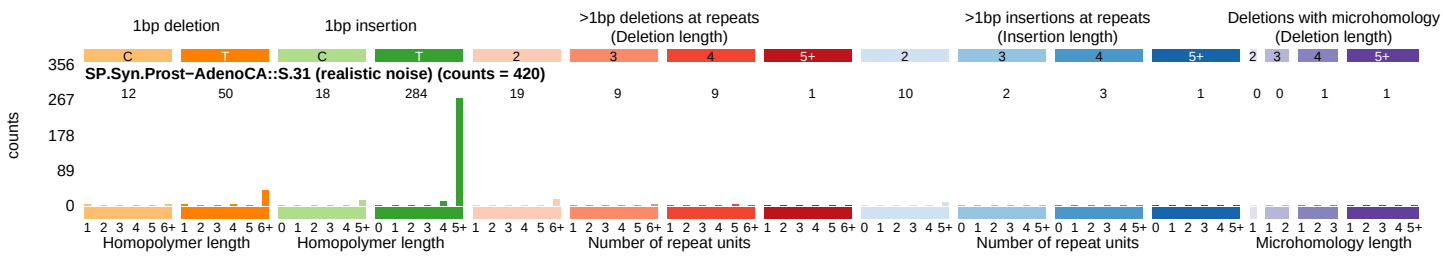
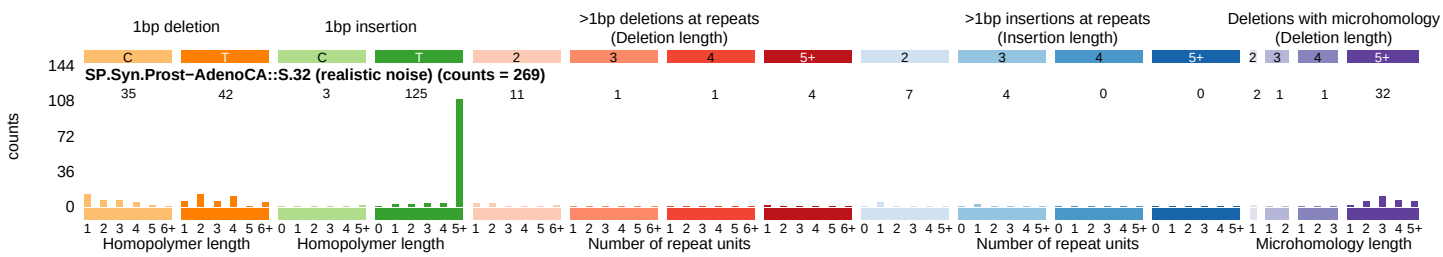
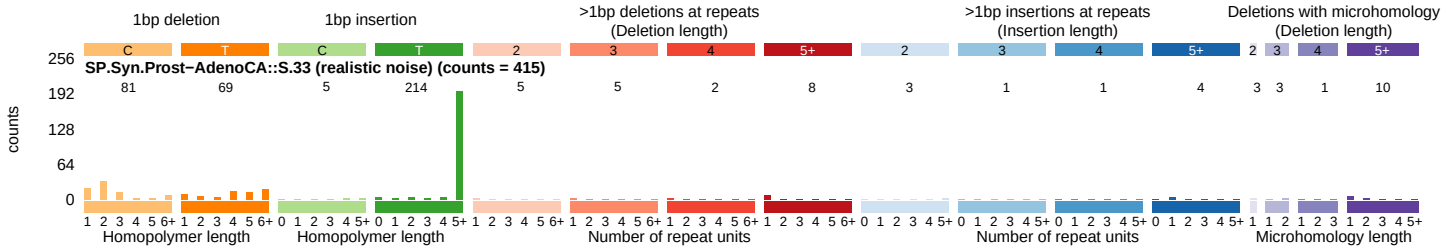
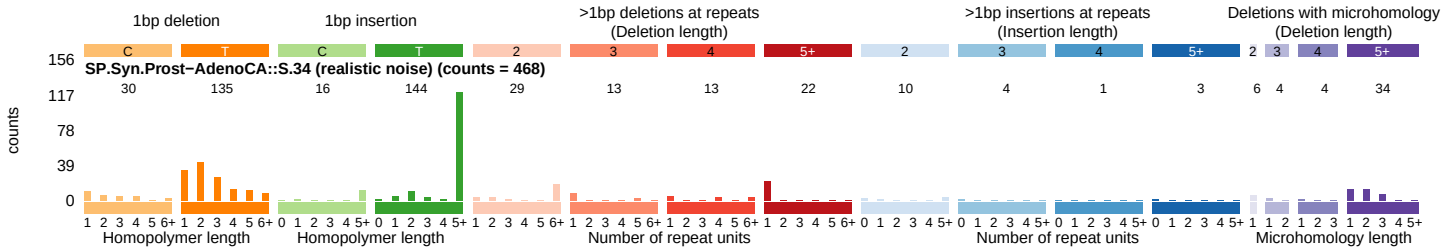
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.29 (realistic noise) (counts = 474)
46 100 5 207 30 17 9 6 19 4 3 6 8 4 1 9
counts
Homopolymer length
Number of repeat units
Microhomology length

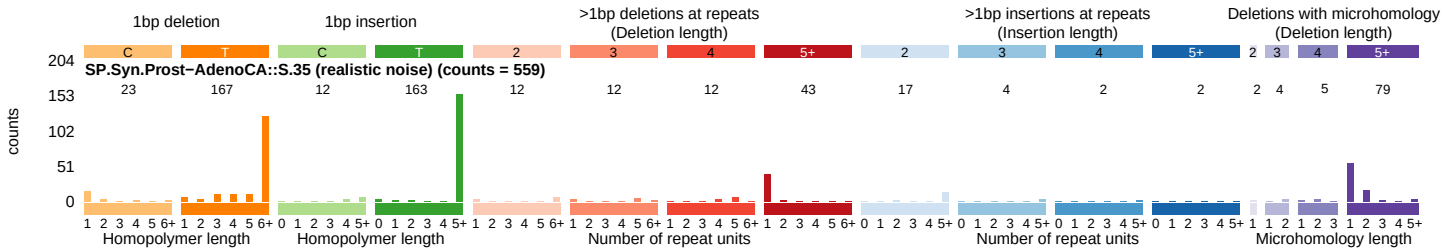

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.30 (realistic noise) (counts = 464)
79 194 4 63 51 20 7 3 8 1 1 1 9 6 8 9
counts
Homopolymer length
Number of repeat units
Microhomology length

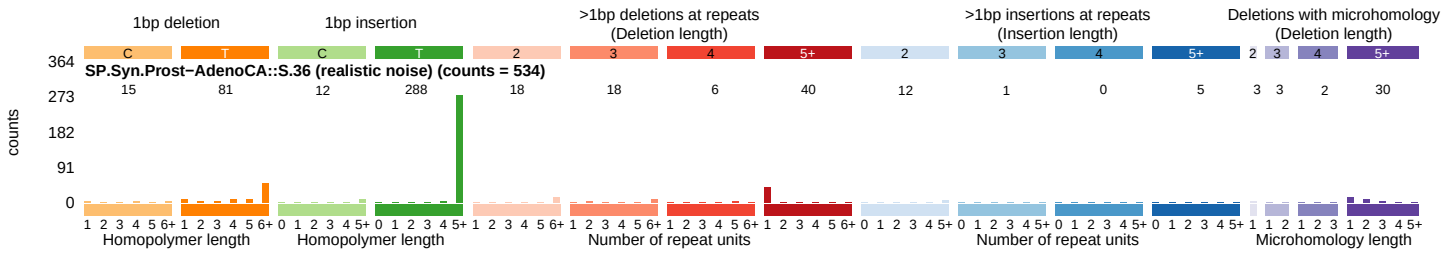

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.31 (realistic noise) (counts = 420)
12 50 18 284 19 9 9 1 10 2 3 1 0 0 1 1
counts
Homopolymer length
Number of repeat units
Microhomology length

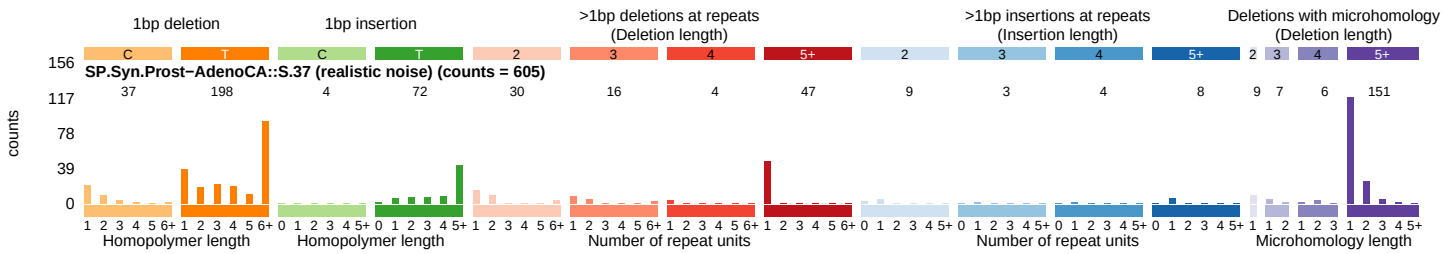

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.32 (realistic noise) (counts = 269)
35 42 3 125 11 1 1 4 7 4 0 0 2 1 1 32
counts
Homopolymer length
Number of repeat units
Microhomology length

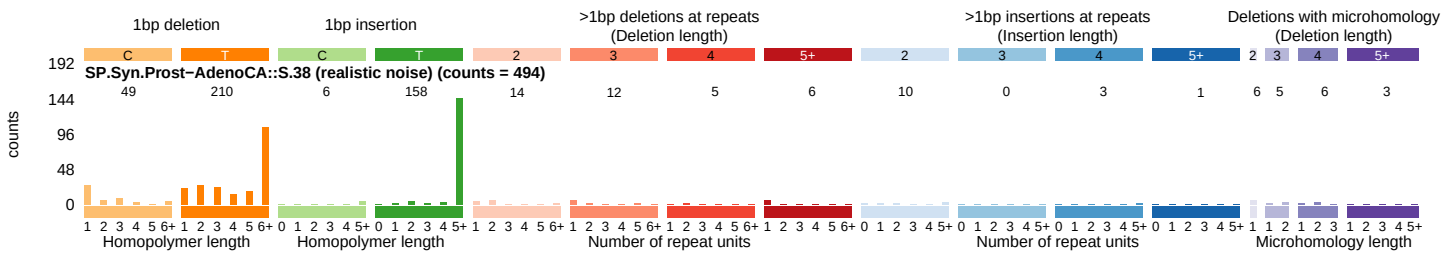

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.33 (realistic noise) (counts = 415)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
81 69 5 214 5 5 2 8 3 1 1 4 3 3 1 10
counts
256 192 128 64 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

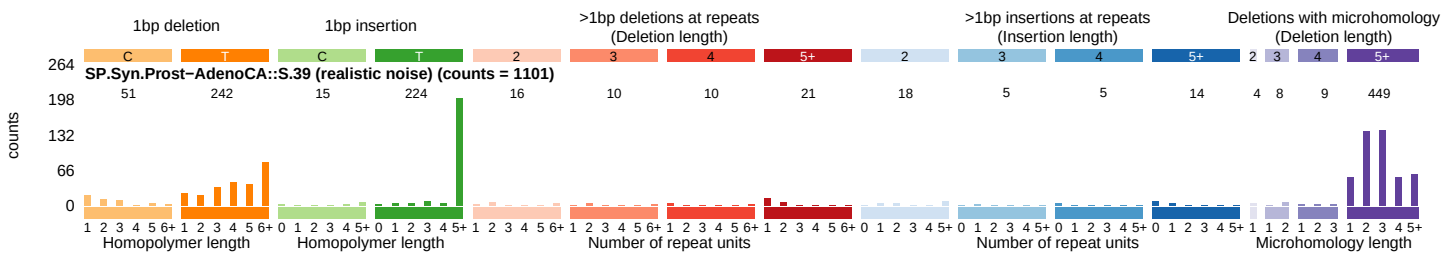

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.34 (realistic noise) (counts = 468)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
30 135 16 144 29 13 13 22 10 4 1 3 6 4 4 34
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)
SP.Syn.Prost−AdenoCA::S.35 (realistic noise) (counts = 559)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
23 167 12 163 12 12 12 43 17 4 2 2 2 4 5 79
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)
SP.Syn.Prost−AdenoCA::S.36 (realistic noise) (counts = 534)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
15 81 12 288 18 18 6 40 12 1 0 5 3 3 2 30
counts
364 273 182 91 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.37 (realistic noise) (counts = 605)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
37 198 4 72 30 16 4 47 9 3 4 8 9 7 6 151
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)
SP.Syn.Prost−AdenoCA::S.38 (realistic noise) (counts = 494)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
49 210 6 158 14 12 5 6 10 0 3 1 6 5 6 3
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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1bp insertion
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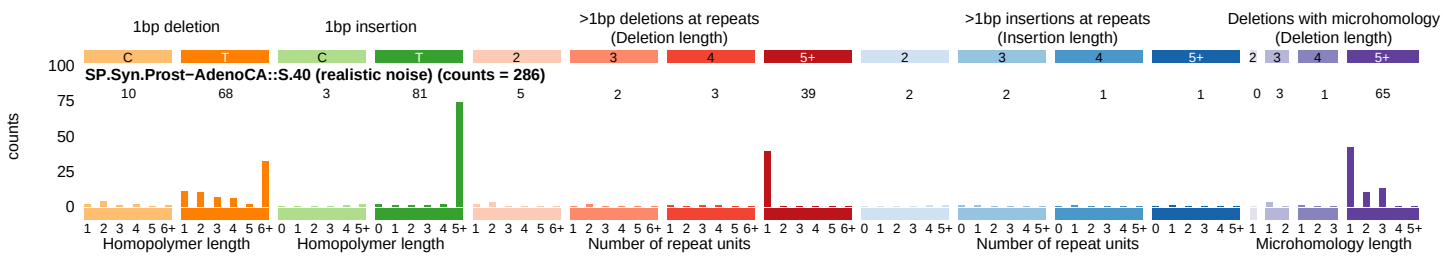
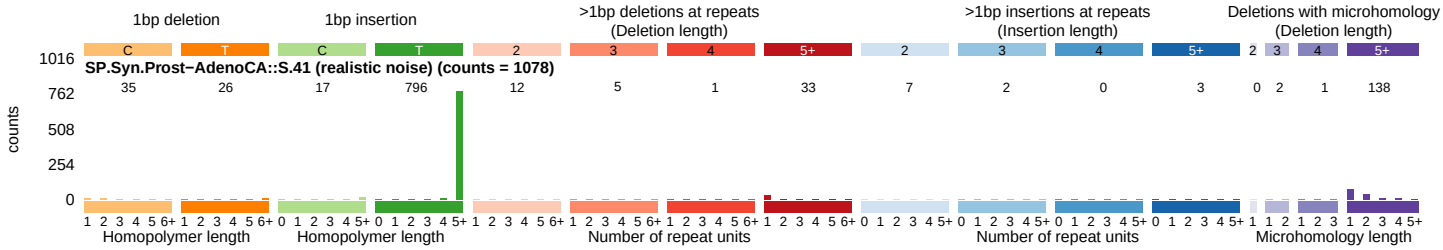
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.39 (realistic noise) (counts = 1101)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
51 242 15 224 16 10 10 21 18 5 5 14 4 8 9 449
counts
264 198 132 66 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.40 (realistic noise) (counts = 286)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
10 68 3 81 5 2 3 39 2 2 1 1 0 3 1 65
counts
100 75 50 25 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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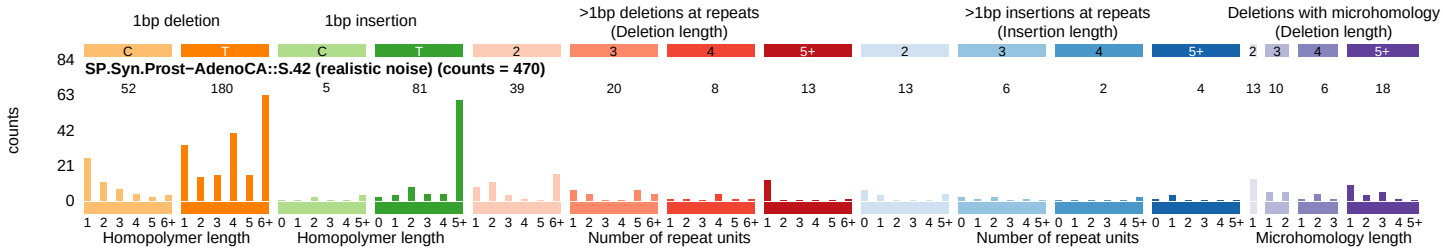
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.41 (realistic noise) (counts = 1078)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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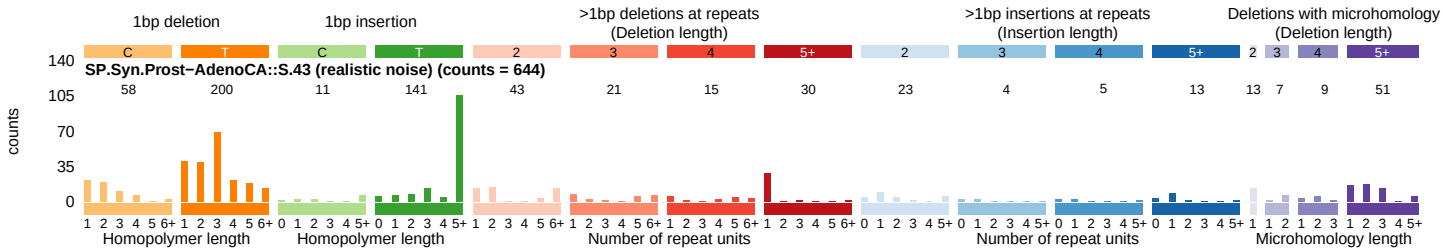
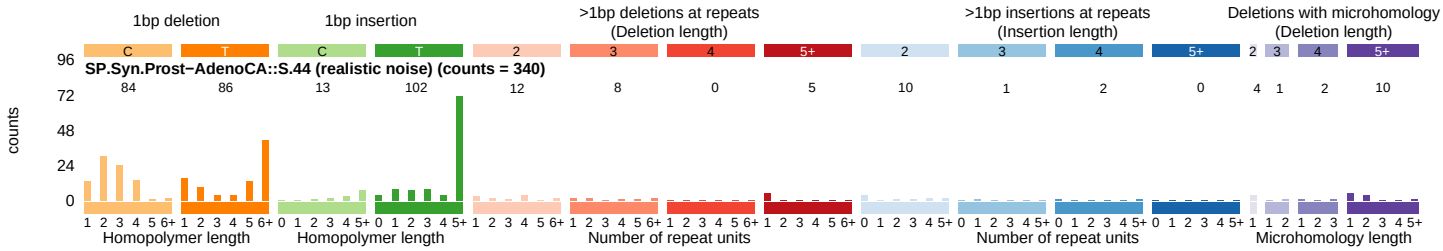
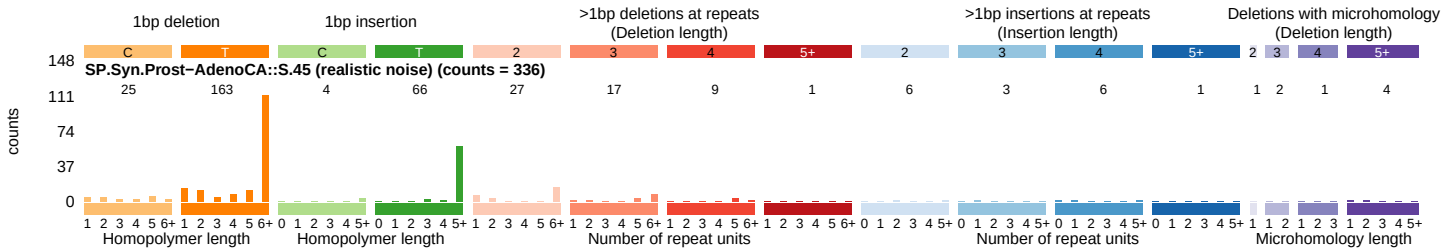
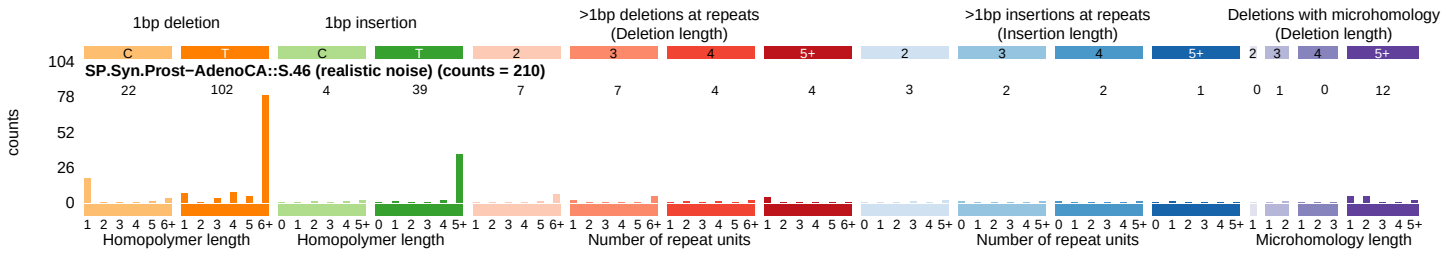
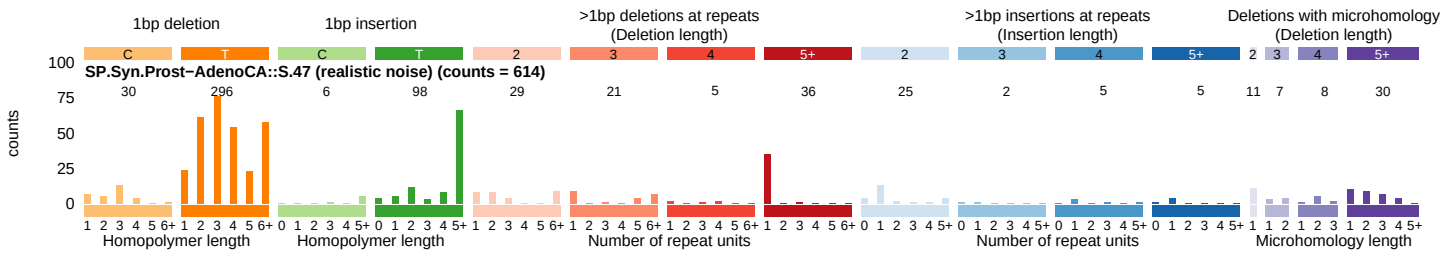
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.42 (realistic noise) (counts = 470)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.43 (realistic noise) (counts = 644)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.44 (realistic 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.Prost−AdenoCA::S.45 (realistic 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.Prost−AdenoCA::S.46 (realistic noise) (counts = 210)
counts
Homopolymer length
Number of repeat units
Microhomology length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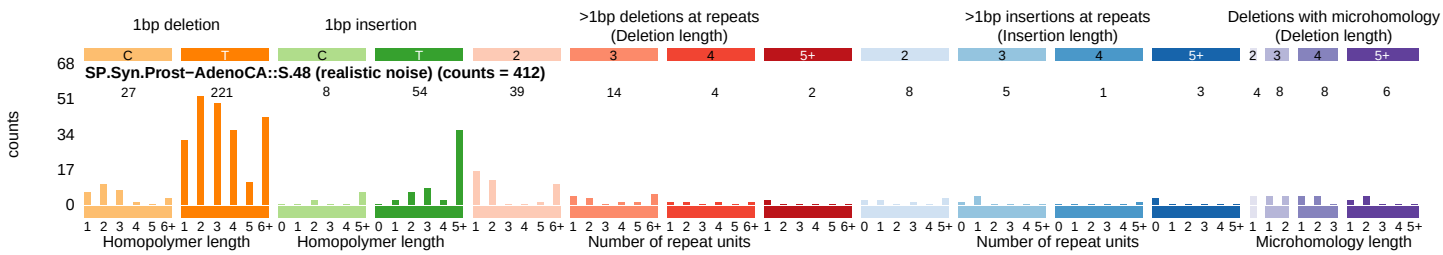
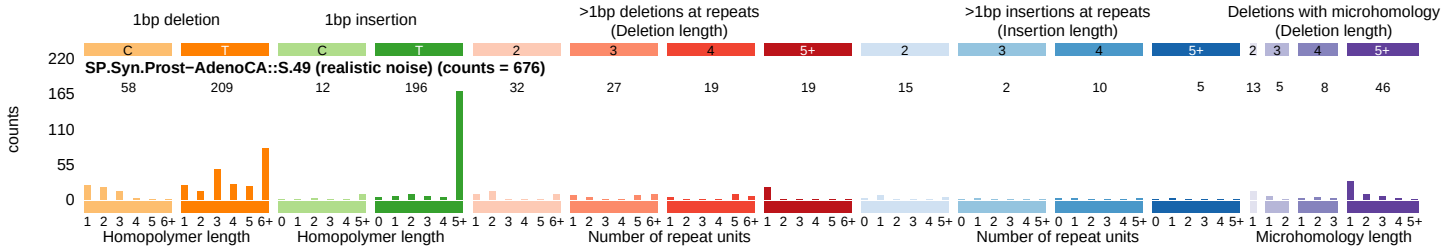
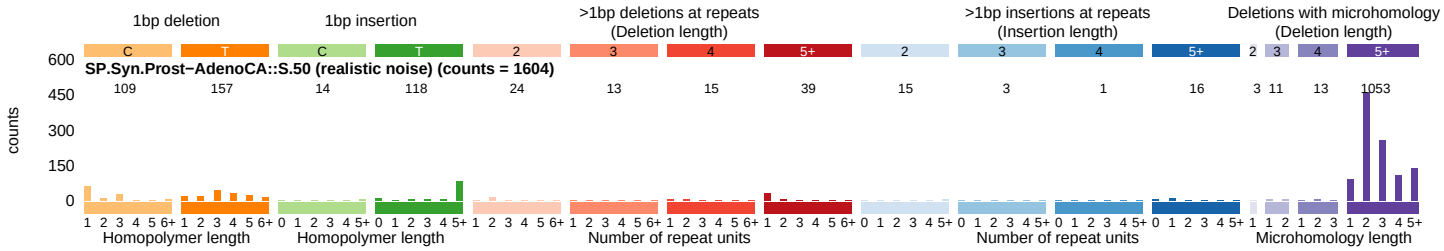
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.47 (realistic noise) (counts = 614)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.48 (realistic noise) (counts = 412)
counts
Homopolymer length
Number of repeat units
Microhomology 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.49 (realistic noise) (counts = 676)
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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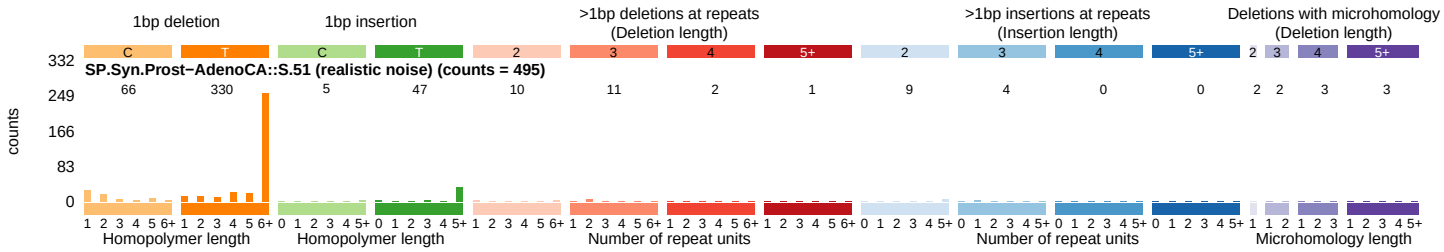
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.50 (realistic noise) (counts = 1604)
counts
Homopolymer length
Number of repeat units
Microhomology length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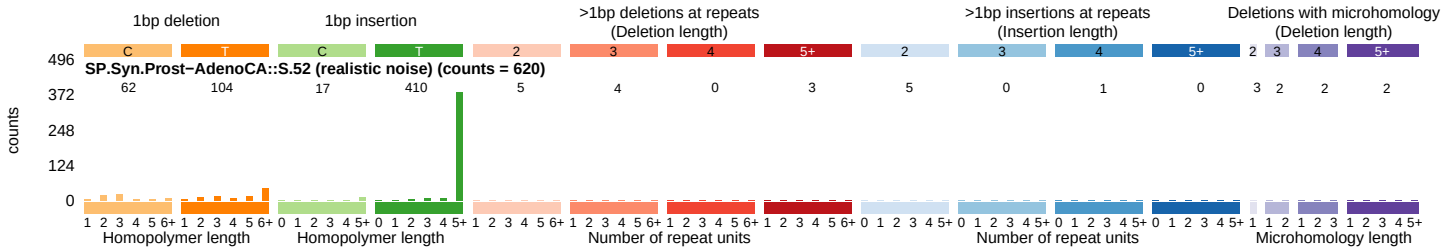
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.51 (realistic noise) (counts = 495)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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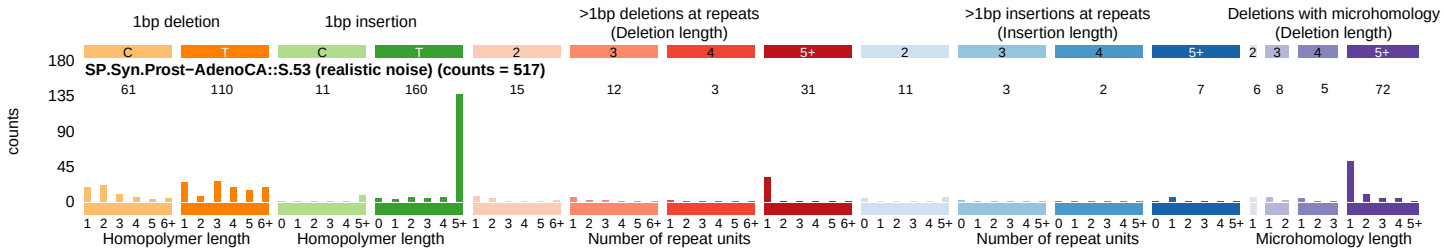
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.52 (realistic noise) (counts = 620)
counts
Homopolymer length
Number of repeat units
Microhomology length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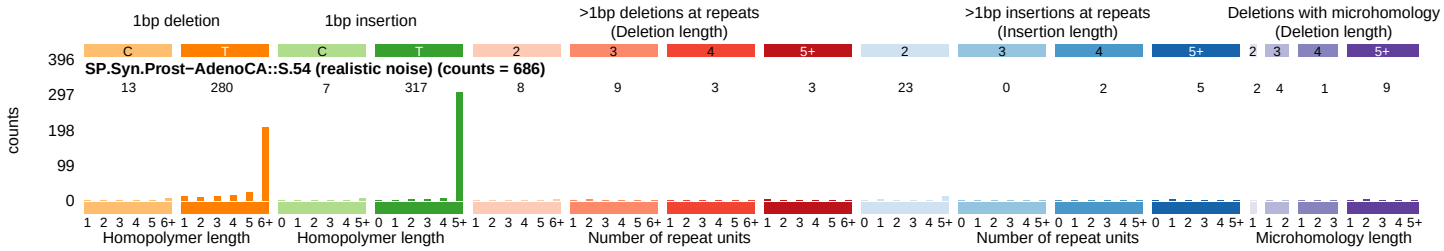
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.53 (realistic noise) (counts = 517)
counts
Homopolymer length
Number of repeat units
Microhomology length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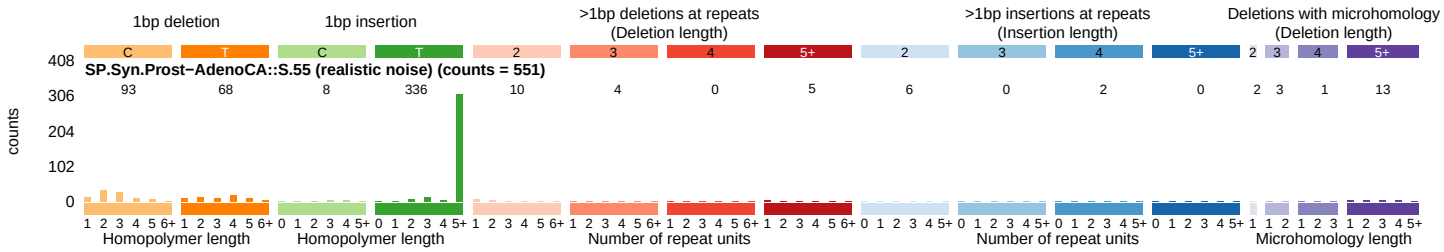
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.54 (realistic noise) (counts = 686)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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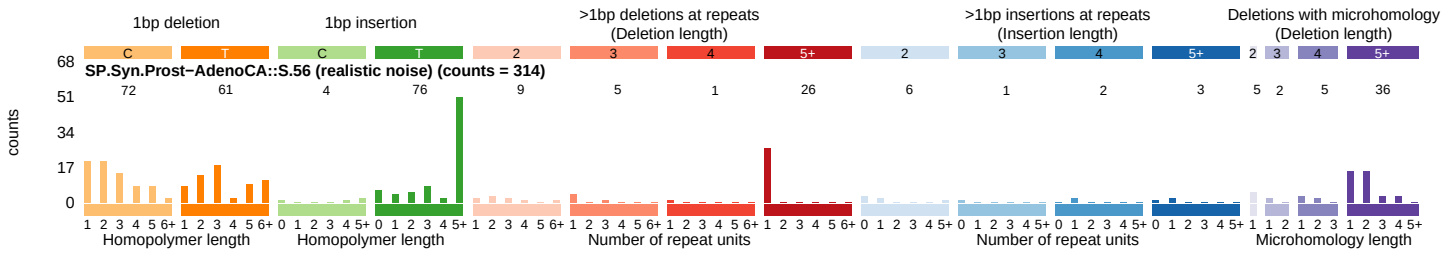
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.55 (realistic noise) (counts = 551)
counts
Homopolymer length
Number of repeat units
Microhomology length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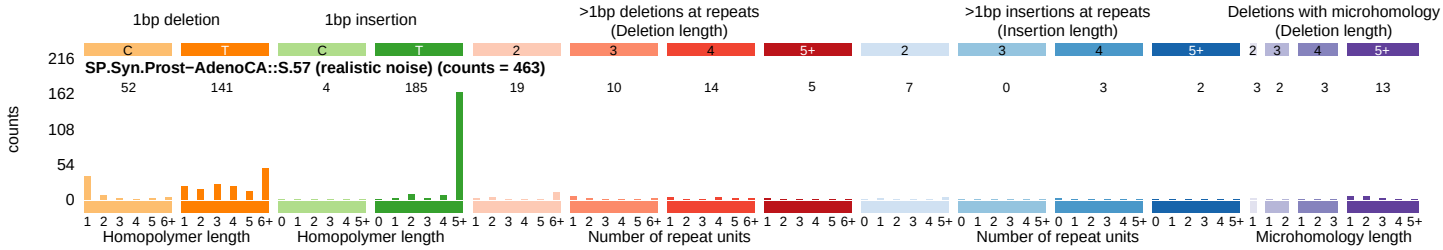
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.56 (realistic noise) (counts = 314)
counts
Homopolymer length
Number of repeat units
Microhomology length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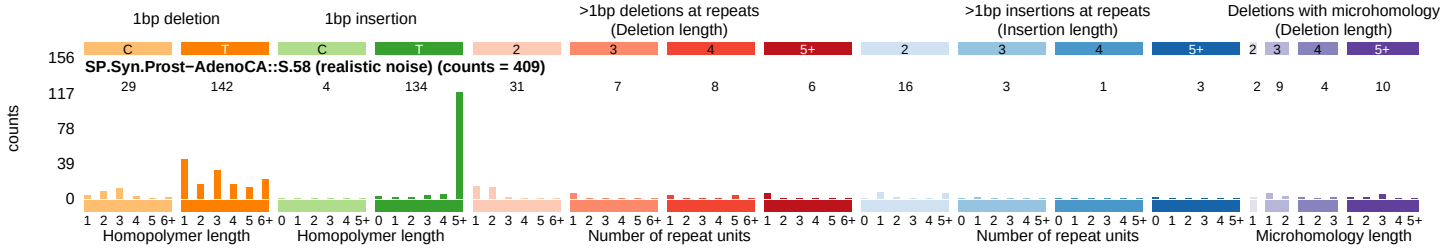
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.57 (realistic noise) (counts = 463)
counts
Homopolymer length
Number of repeat units
Microhomology length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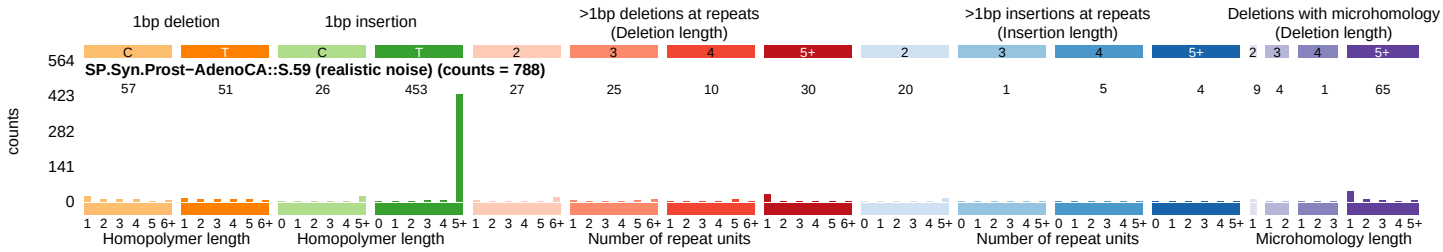
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.58 (realistic noise) (counts = 409)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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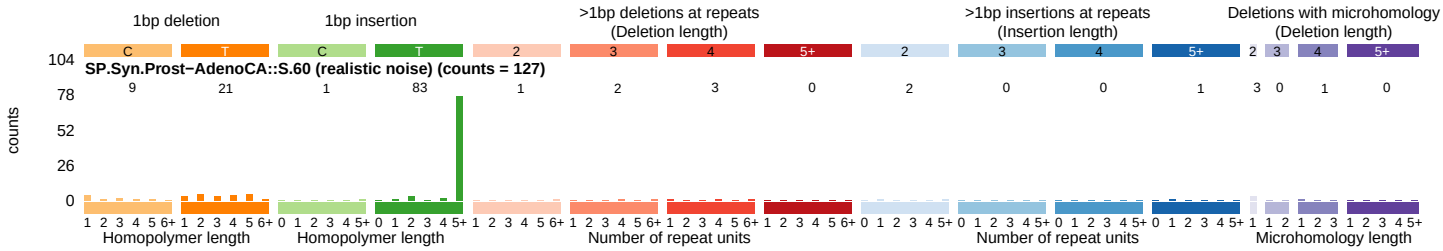
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.59 (realistic noise) (counts = 788)
counts
Homopolymer length
Number of repeat units
Microhomology length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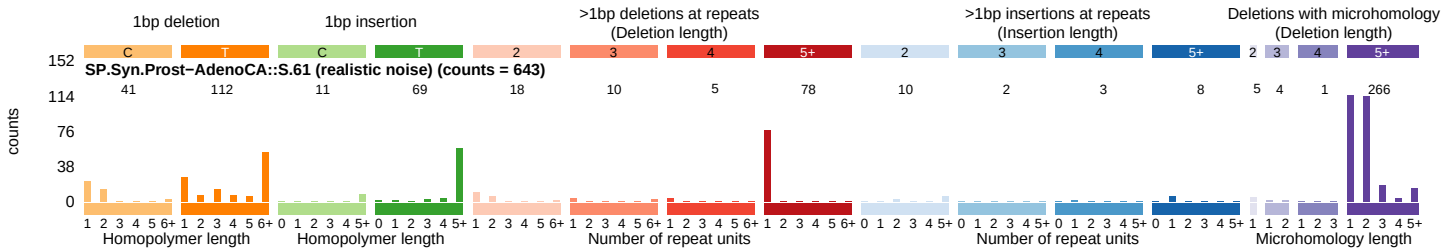
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.60 (realistic noise) (counts = 127)
counts
Homopolymer length
Number of repeat units
Microhomology length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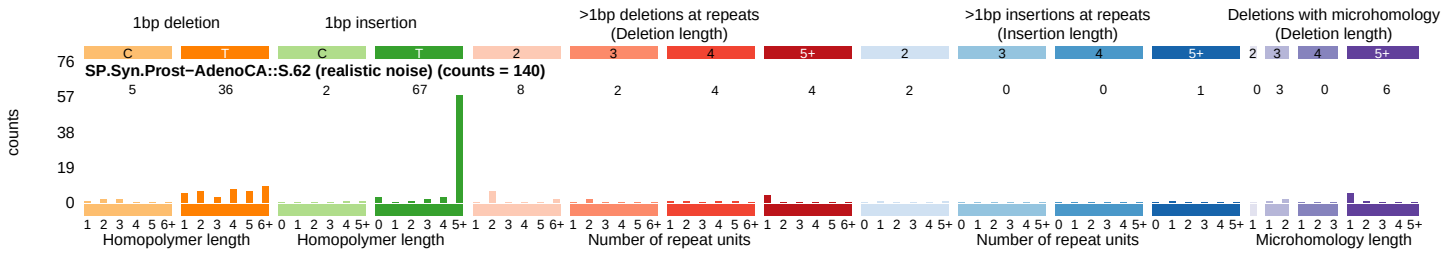
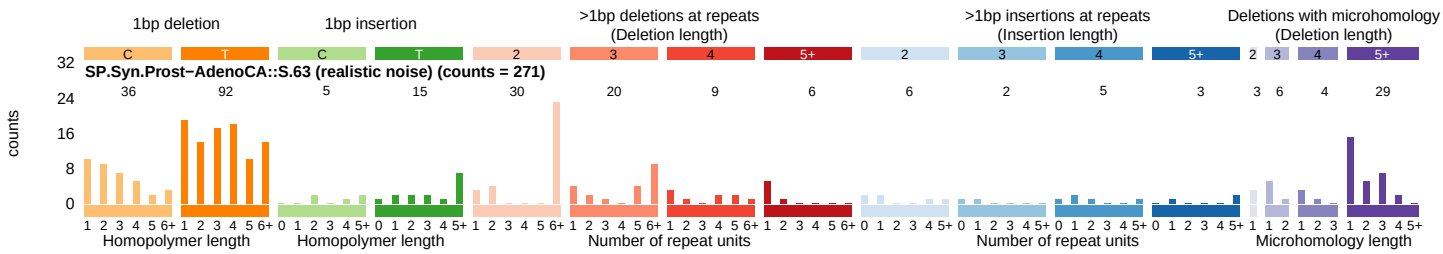
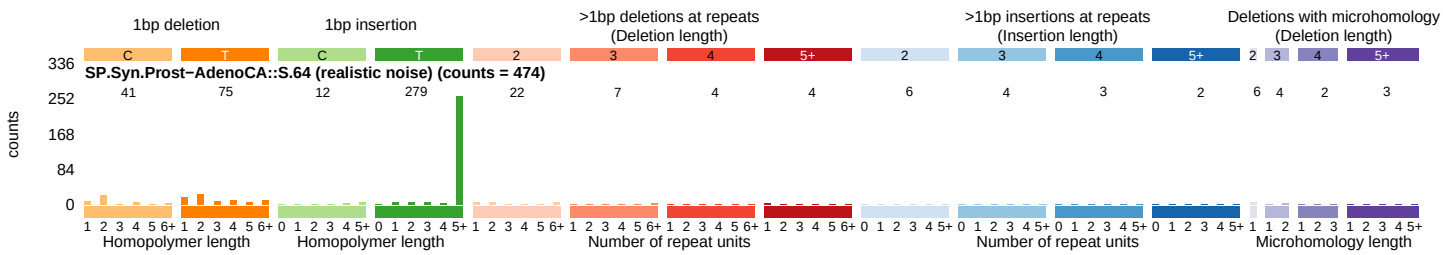
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.61 (realistic noise) (counts = 643)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.62 (realistic 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.63 (realistic noise) (counts = 271)
counts
Homopolymer length
Number of repeat units
Microhomology length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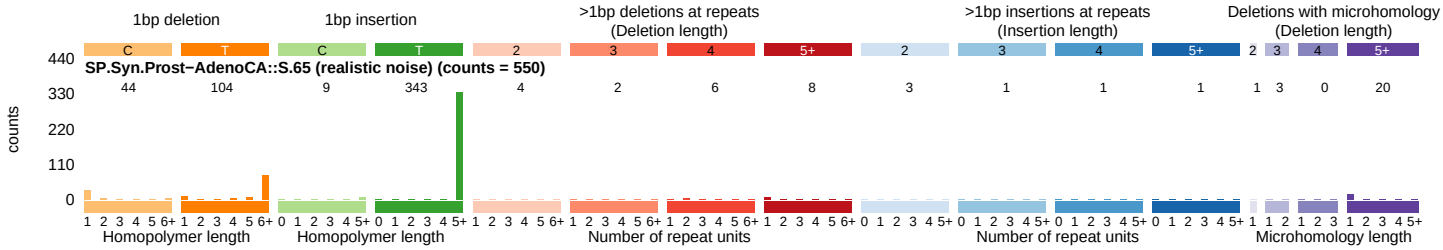
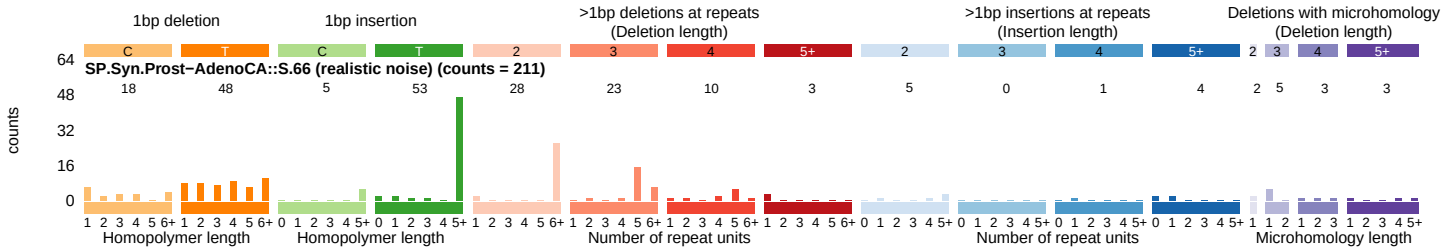
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.64 (realistic noise) (counts = 474)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.65 (realistic noise) (counts = 550)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
44 104 9 343 4 2 6 8 3 1 1 1 1 3 0 20
counts
Homopolymer length
Number of repeat units
Microhomology length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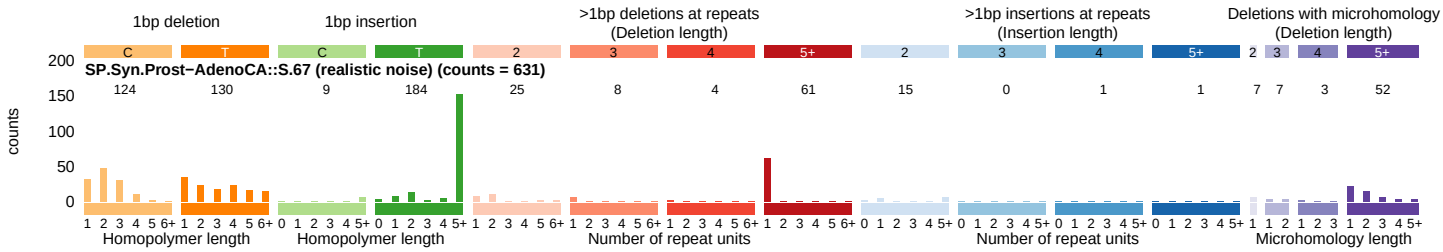
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.66 (realistic noise) (counts = 211)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
18 48 5 53 28 23 10 3 5 0 1 4 2 5 3 3
counts
Homopolymer length
Number of repeat units
Microhomology length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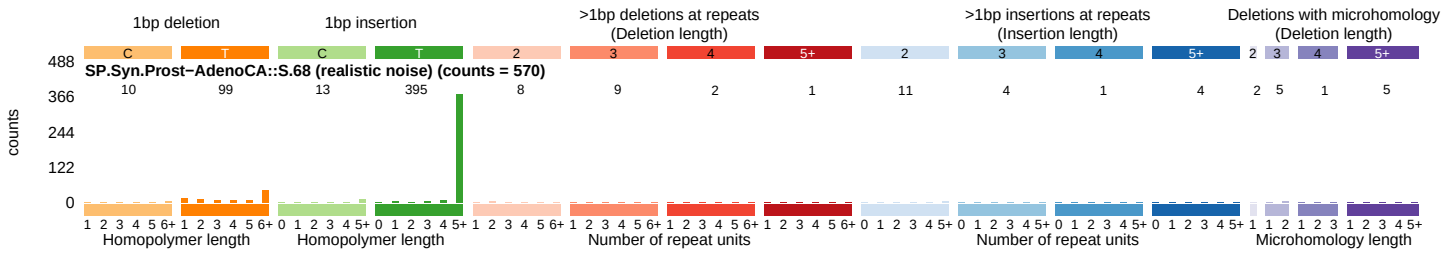
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.67 (realistic noise) (counts = 631)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
124 130 9 184 25 8 4 61 15 0 1 1 7 7 3 52
counts
Homopolymer length
Number of repeat units
Microhomology length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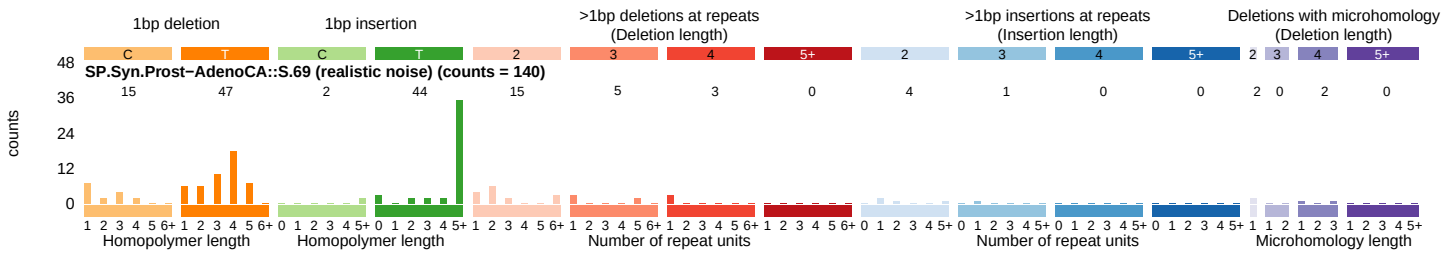
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.68 (realistic noise) (counts = 570)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
10 99 13 395 8 9 2 1 11 4 1 4 2 5 1 5
counts
Homopolymer length
Number of repeat units
Microhomology length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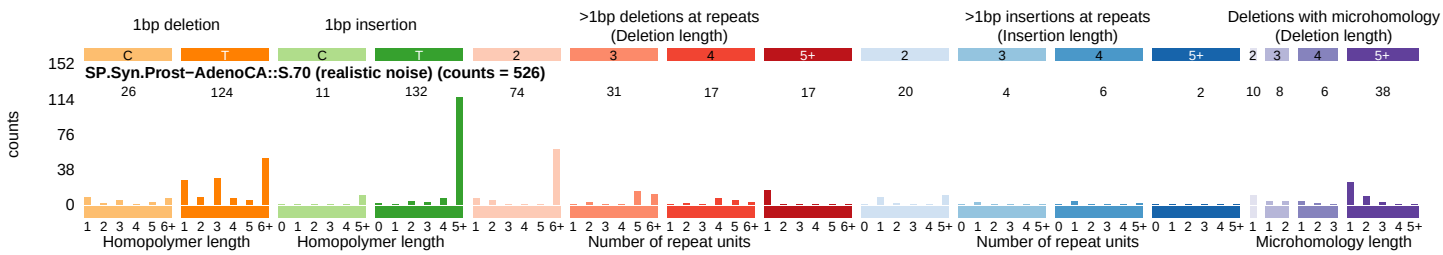
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.69 (realistic noise) (counts = 140)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
15 47 2 44 15 5 3 0 4 1 0 0 2 0 2 0
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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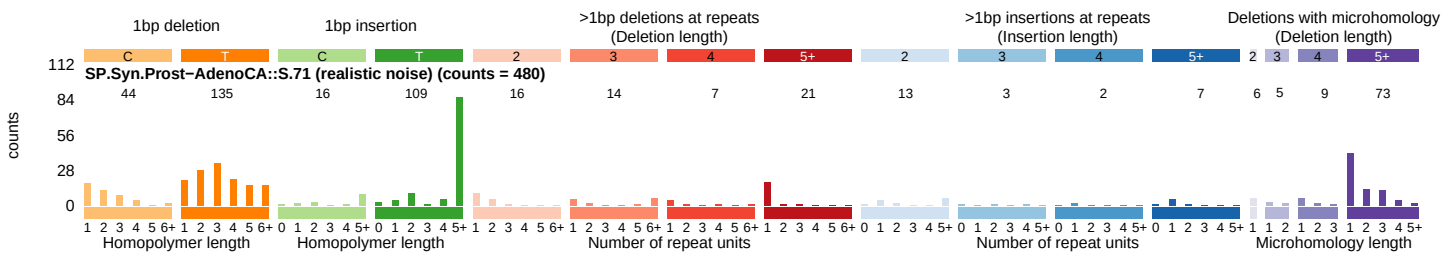
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.70 (realistic noise) (counts = 526)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
26 124 11 132 74 31 17 17 20 4 6 2 10 8 6 38
counts
Homopolymer length
Number of repeat units
Microhomology length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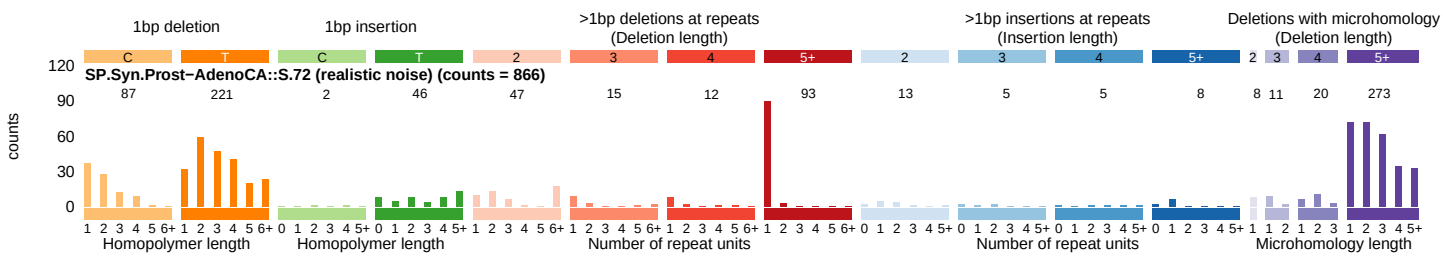
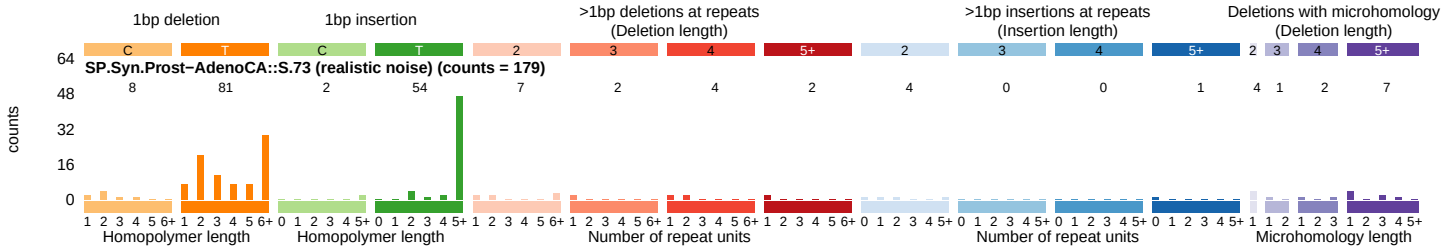
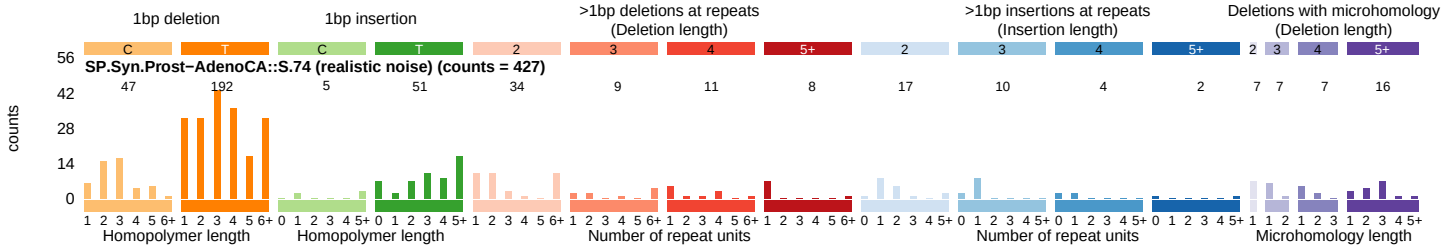
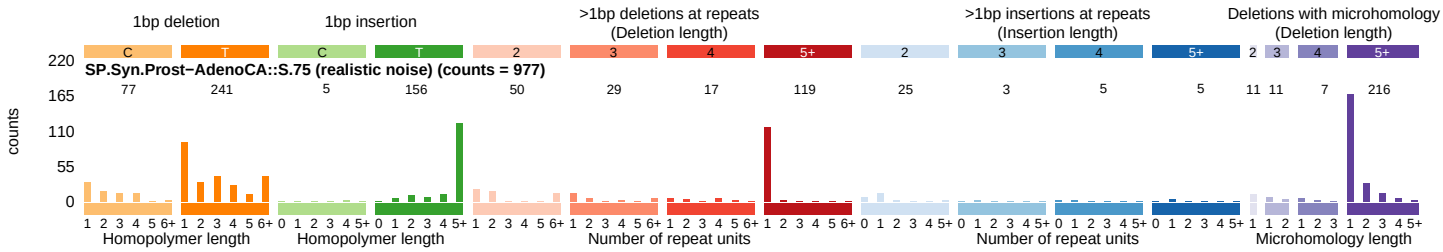
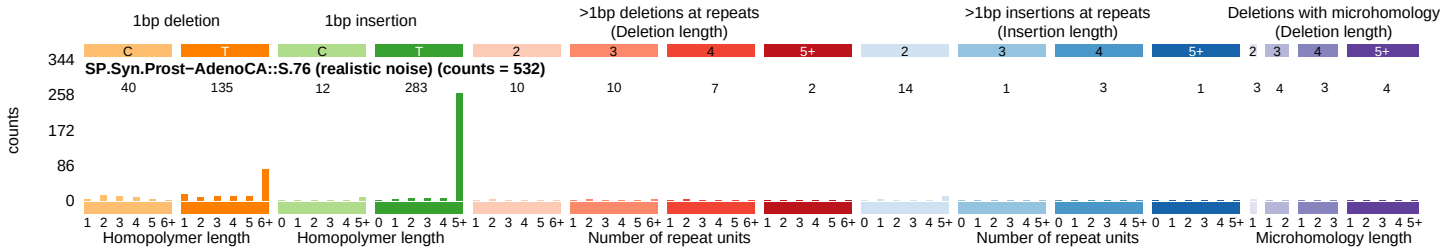
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.71 (realistic noise) (counts = 480)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
44 135 16 109 16 14 7 21 13 3 2 7 6 5 9 73
counts
Homopolymer length
Number of repeat units
Microhomology length

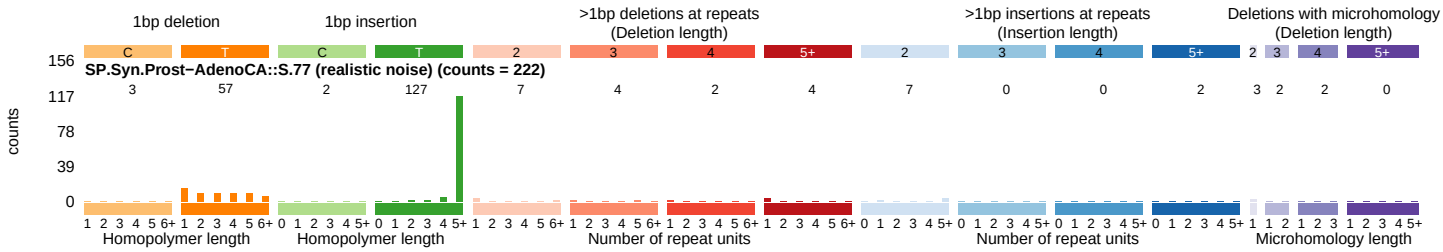

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.72 (realistic noise) (counts = 866)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
87 221 2 46 47 15 12 93 13 5 5 8 8 11 20 273
counts
Homopolymer length
Number of repeat units
Microhomology length

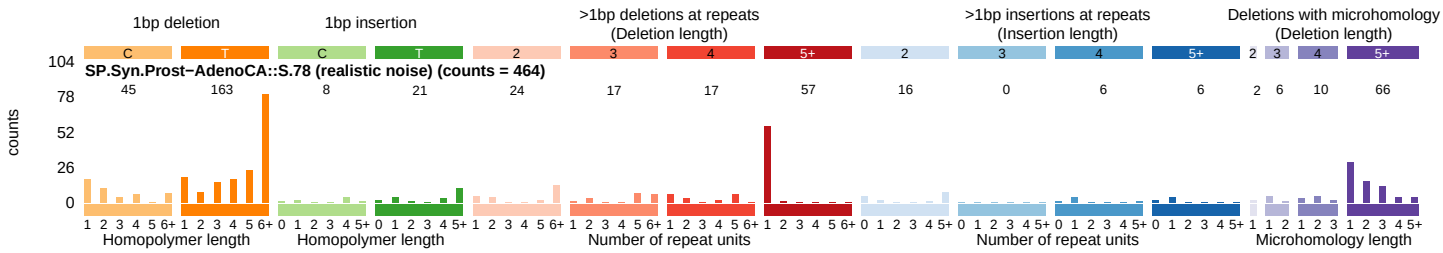

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.73 (realistic noise) (counts = 179)
8 81 2 54 7 2 4 2 4 0 0 1 4 1 2 7
counts
Homopolymer length
Number of repeat 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.74 (realistic noise) (counts = 427)
47 192 5 51 34 9 11 8 17 10 4 2 7 7 7 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.75 (realistic noise) (counts = 977)
77 241 5 156 50 29 17 119 25 3 5 5 11 11 7 216
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.76 (realistic noise) (counts = 532)
40 135 12 283 10 10 7 2 14 1 3 1 3 4 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 (realistic noise) (counts = 222)
3 57 2 127 7 4 2 4 7 0 0 2 3 2 2 0
counts
Homopolymer length
Number of repeat units
Microhomology length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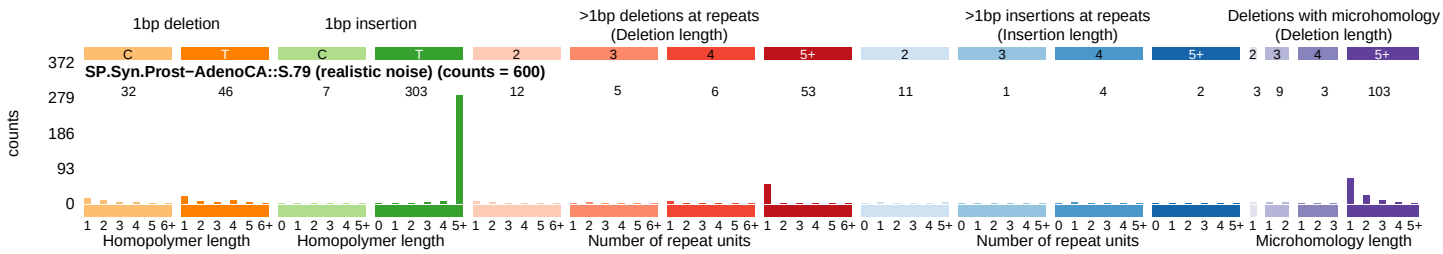
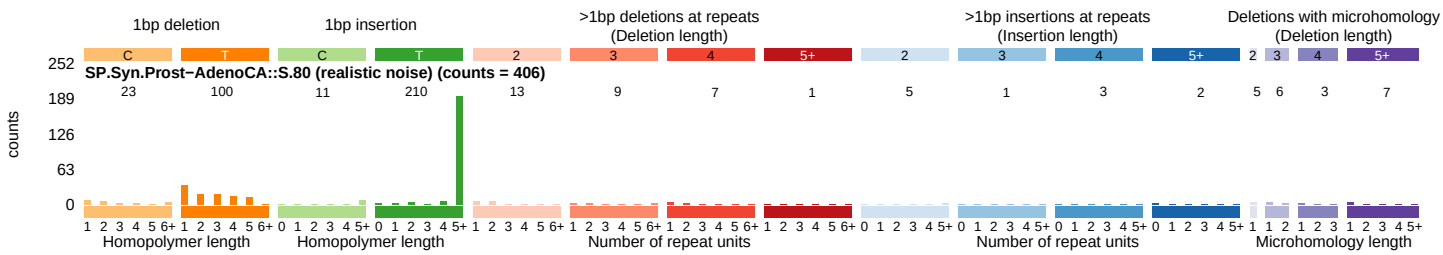
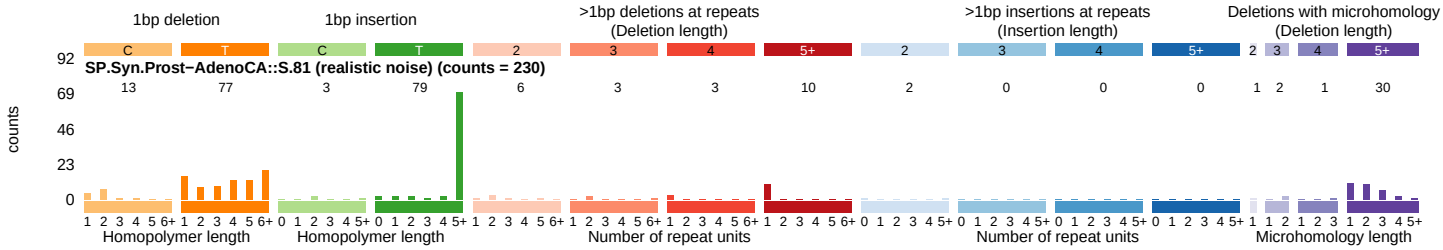
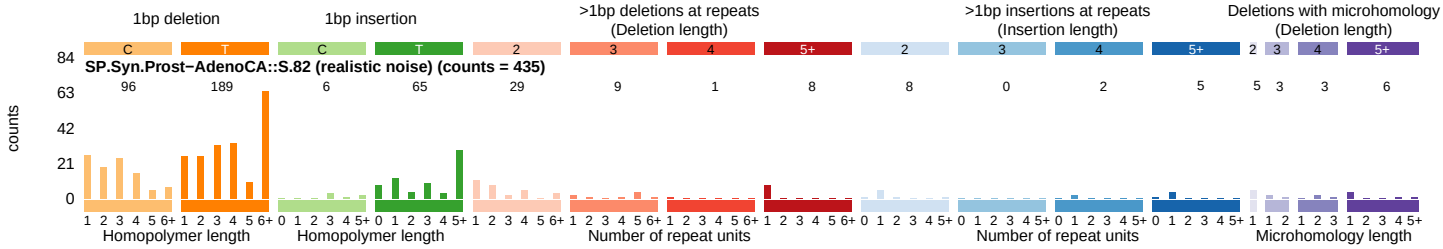
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.78 (realistic noise) (counts = 464)
45 163 8 21 24 17 17 57 16 0 6 6 2 6 10 66
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.79 (realistic noise) (counts = 600)
32 46 7 303 12 5 6 53 11 1 4 2 3 9 3 103
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.80 (realistic noise) (counts = 406)
23 100 11 210 13 9 7 1 5 1 3 2 5 6 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.Prost−AdenoCA::S.81 (realistic noise) (counts = 230)
13 77 3 79 6 3 3 10 2 0 0 0 1 2 1 30
counts
Homopolymer length
Number of repeat units
Microhomology length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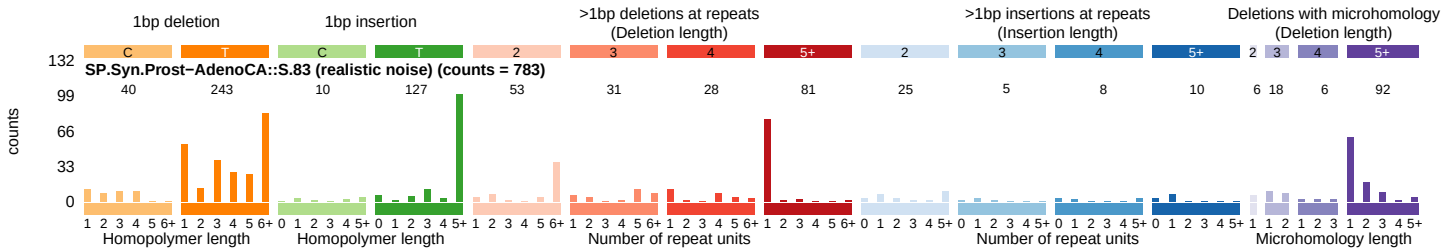
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.82 (realistic noise) (counts = 435)
96 189 6 65 29 9 1 8 8 0 2 5 5 3 3 6
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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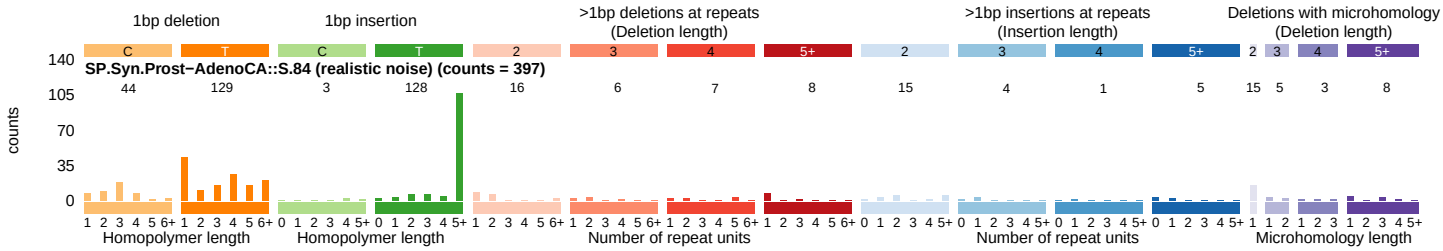
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.83 (realistic noise) (counts = 783)
40 243 10 127 53 31 28 81 25 5 8 10 6 18 6 92
counts
Homopolymer length
Number of repeat units
Microhomology length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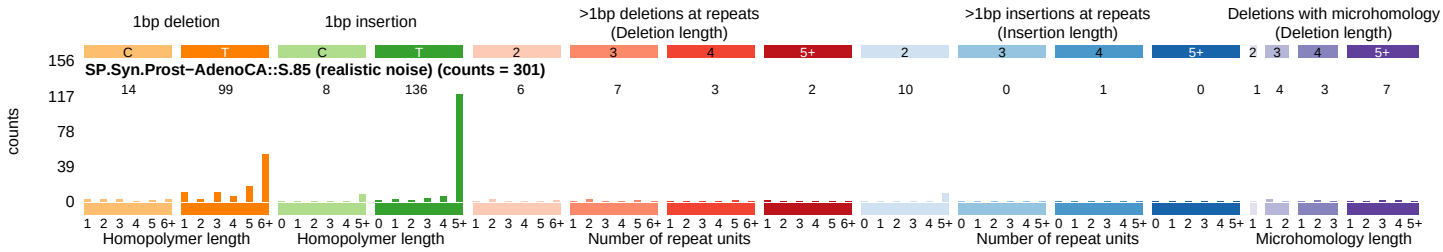
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.84 (realistic noise) (counts = 397)
44 129 3 128 16 6 7 8 15 4 1 5 15 5 3 8
counts
Homopolymer length
Number of repeat units
Microhomology length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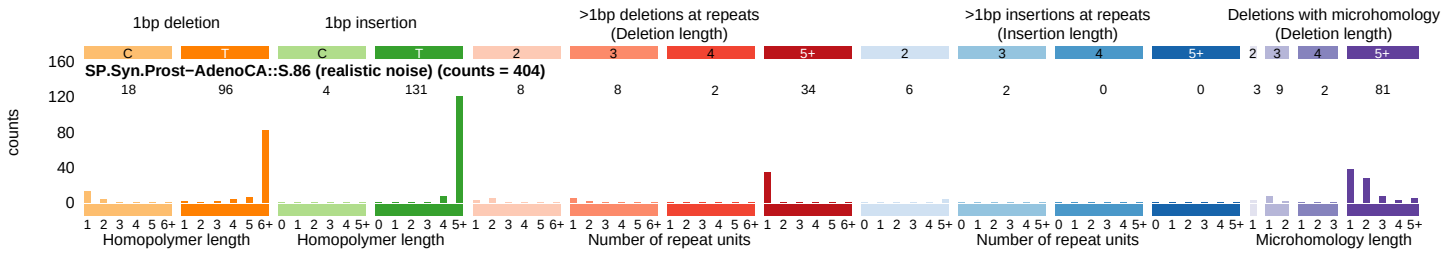
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.85 (realistic noise) (counts = 301)
14 99 8 136 6 7 3 2 10 0 1 0 1 4 3 7
counts
Homopolymer length
Number of repeat units
Microhomology length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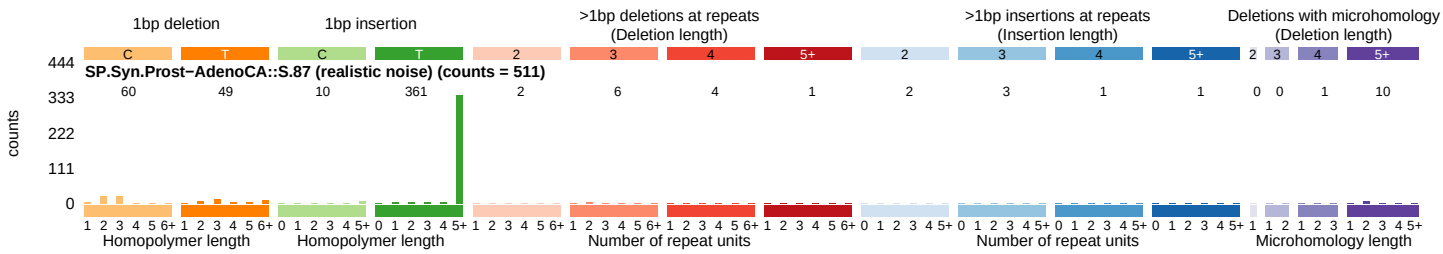
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.86 (realistic noise) (counts = 404)
18 96 4 131 8 8 2 34 6 2 0 0 3 9 2 81
counts
Homopolymer length
Number of repeat units
Microhomology length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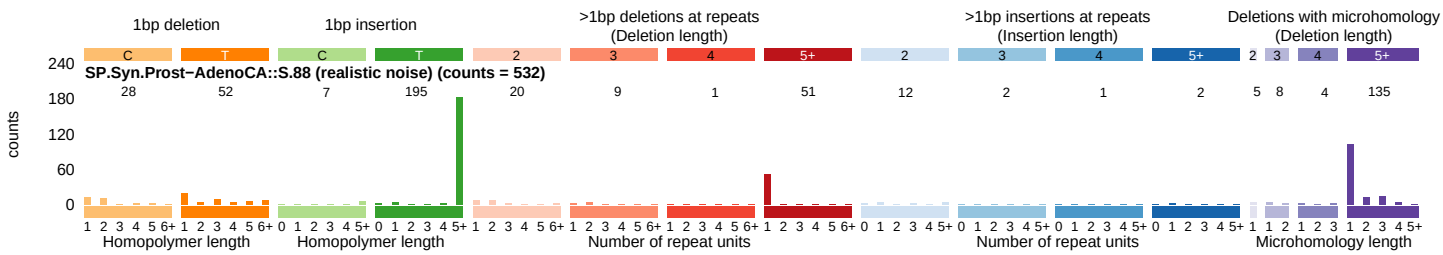
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.87 (realistic noise) (counts = 511)
60 49 10 361 2 6 4 1 2 3 1 1 0 0 1 10
counts
Homopolymer length
Number of repeat units
Microhomology length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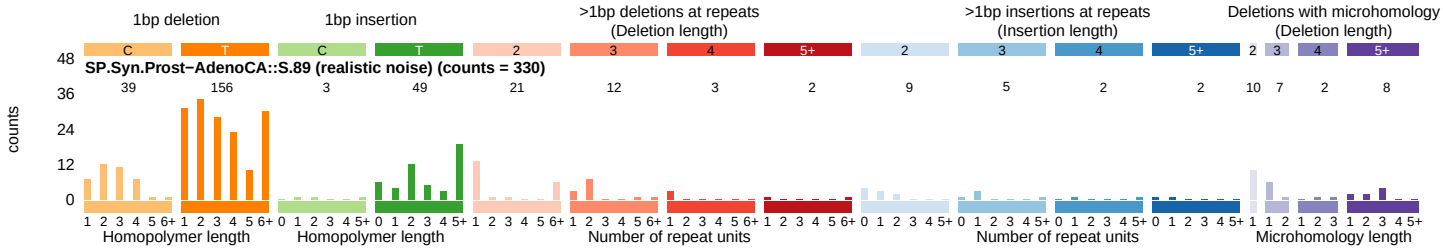
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.88 (realistic noise) (counts = 532)
28 52 7 195 20 9 1 51 12 2 1 2 5 8 4 135
counts
Homopolymer length
Number of repeat units
Microhomology length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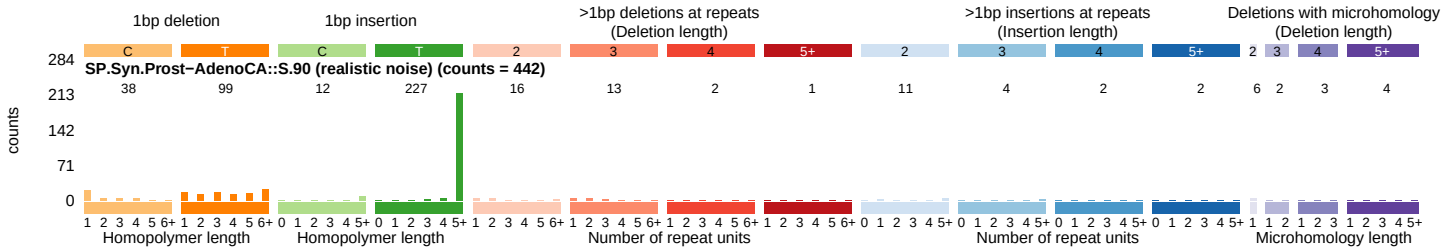
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.89 (realistic noise) (counts = 330)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
39 156 3 49 21 12 3 2 9 5 2 2 10 7 2 8
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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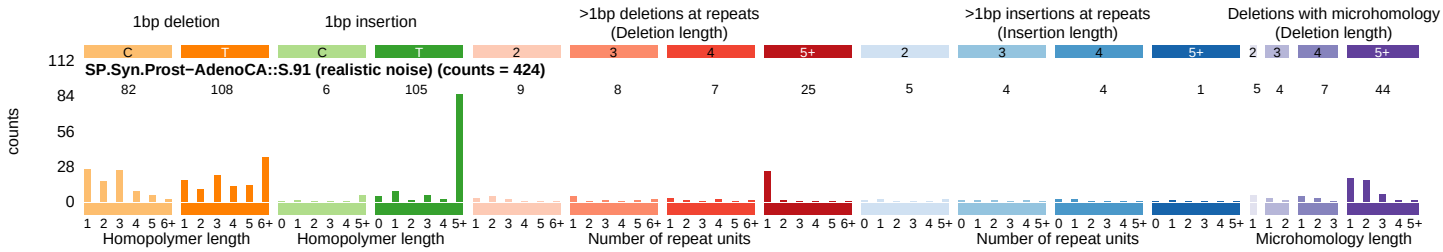
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.90 (realistic noise) (counts = 442)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
38 99 12 227 16 13 2 1 11 4 2 2 6 2 3 4
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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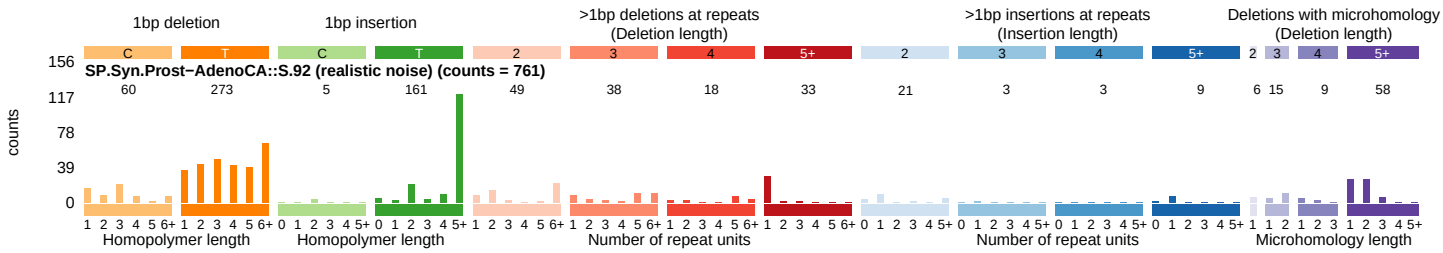
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.91 (realistic noise) (counts = 424)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
82 108 6 105 9 8 7 25 5 4 4 1 5 4 7 44
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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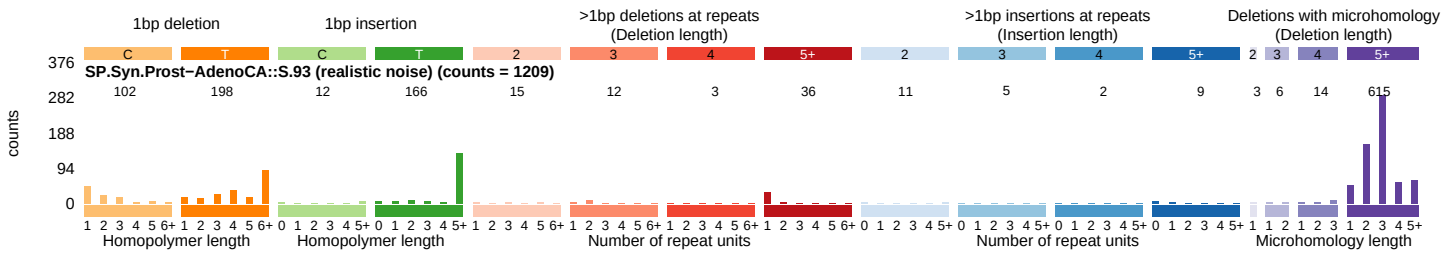
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.92 (realistic noise) (counts = 761)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
60 273 5 161 49 38 18 33 21 3 3 9 6 15 9 58
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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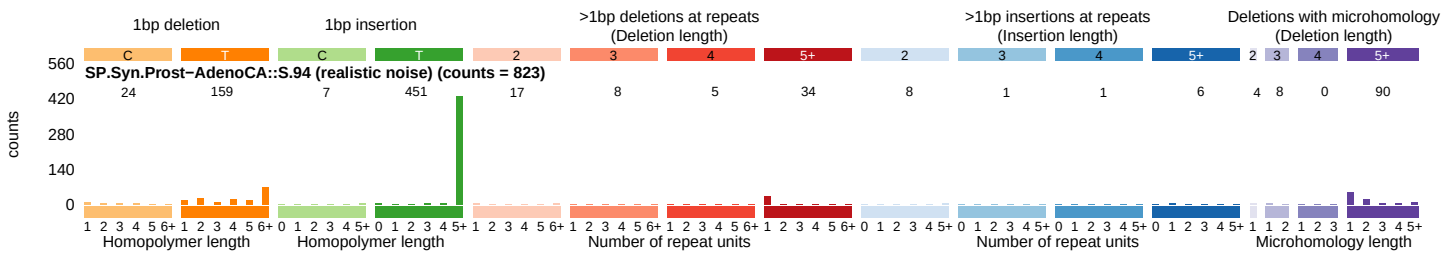
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.93 (realistic noise) (counts = 1209)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
102 198 12 166 15 12 3 36 11 5 2 9 3 6 14 615
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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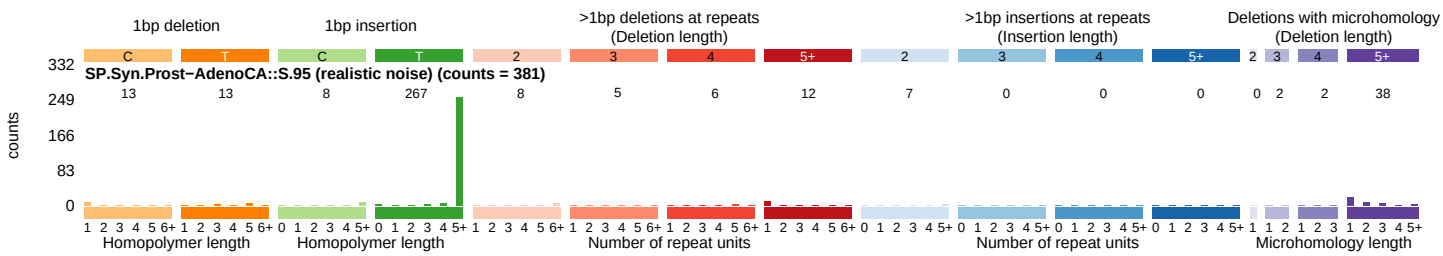
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.94 (realistic noise) (counts = 823)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
24 159 7 451 17 8 5 34 8 1 1 6 4 8 0 90
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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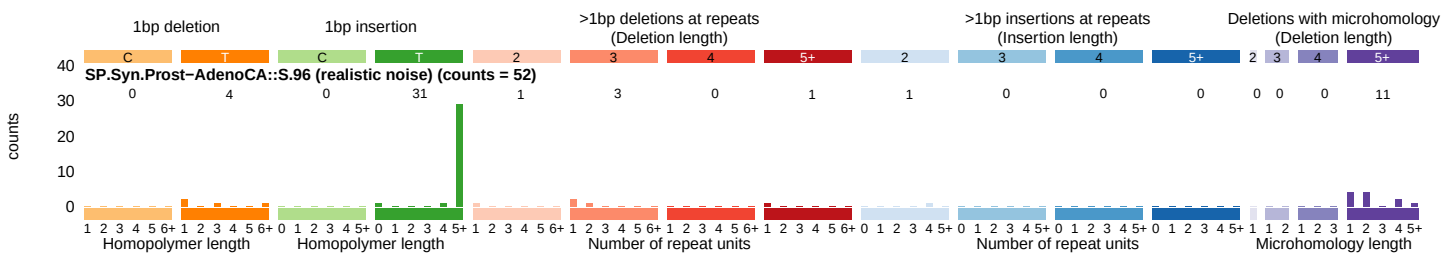
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.95 (realistic noise) (counts = 381)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
13 13 8 267 8 5 6 12 7 0 0 0 0 2 2 38
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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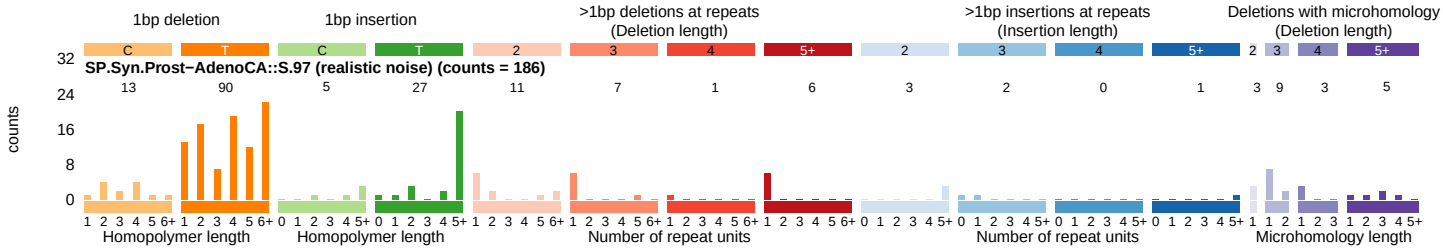
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.96 (realistic noise) (counts = 52)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
0 4 0 31 1 3 0 1 1 0 0 0 0 0 0 11
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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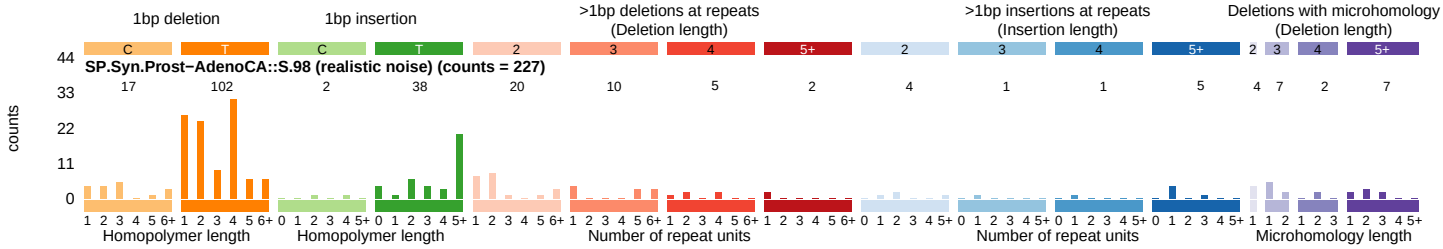
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.97 (realistic noise) (counts = 186)
13 90 5 27 11 7 1 6 3 2 0 1 3 9 3 5
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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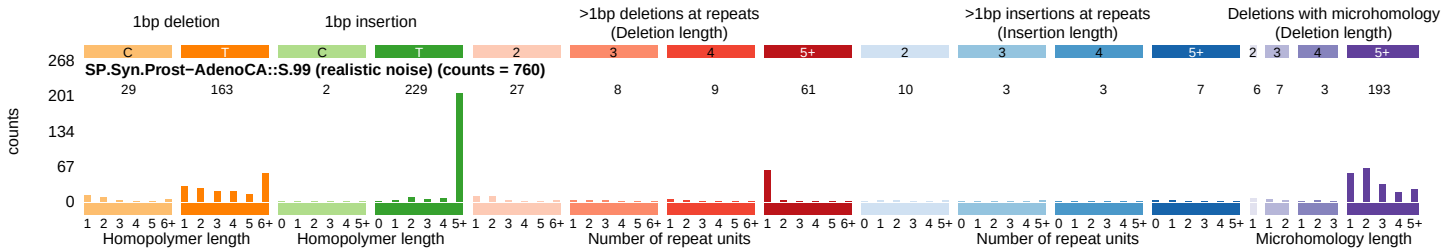
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.98 (realistic noise) (counts = 227)
17 102 2 38 20 10 5 2 4 1 1 5 4 7 2 7
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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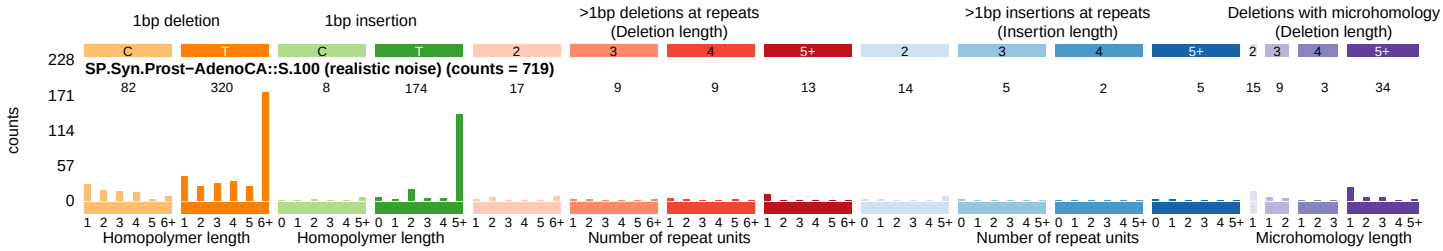
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.99 (realistic noise) (counts = 760)
29 163 2 229 27 8 9 61 10 3 3 7 6 7 3 193
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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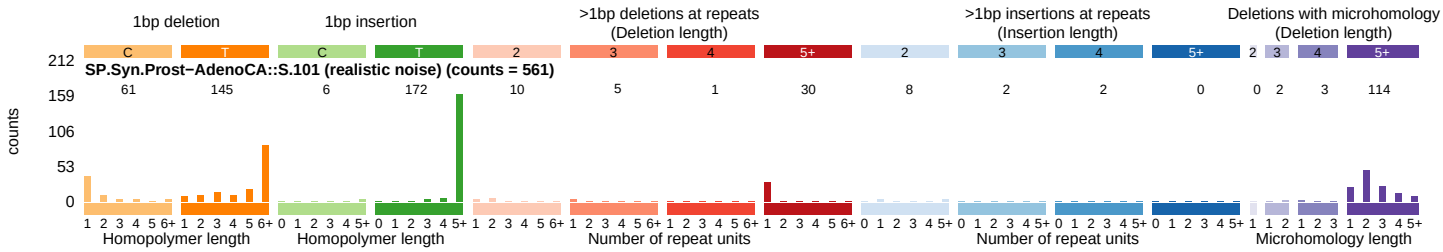
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.100 (realistic noise) (counts = 719)
82 320 8 174 17 9 9 13 14 5 2 5 15 9 3 34
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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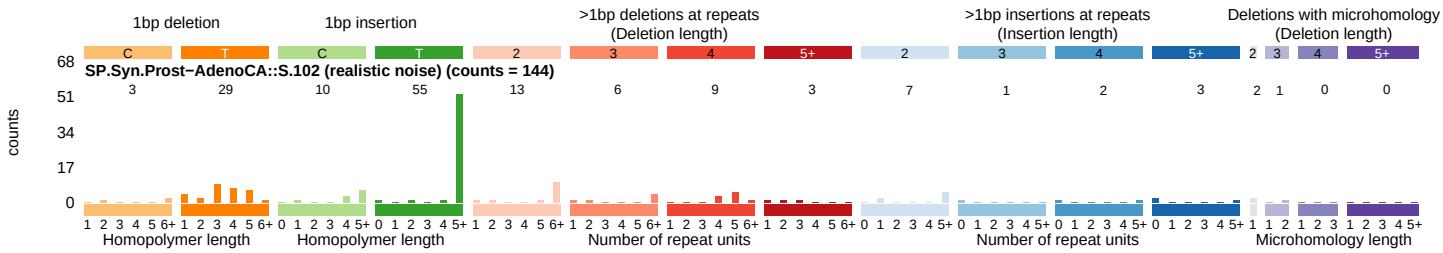
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.101 (realistic noise) (counts = 561)
61 145 6 172 10 5 1 30 8 2 2 0 0 2 3 114
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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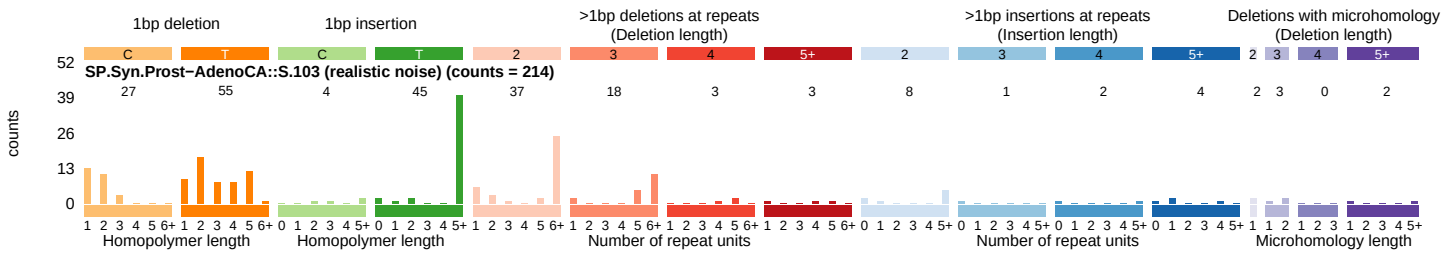
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.102 (realistic noise) (counts = 144)
3 29 10 55 13 6 9 3 7 1 2 3 2 1 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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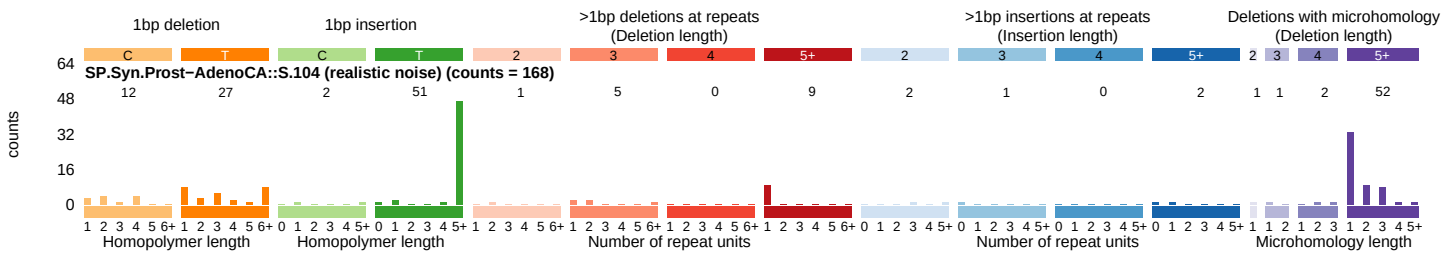
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.103 (realistic noise) (counts = 214)
27 55 4 45 37 18 3 3 8 1 2 4 2 3 0 2
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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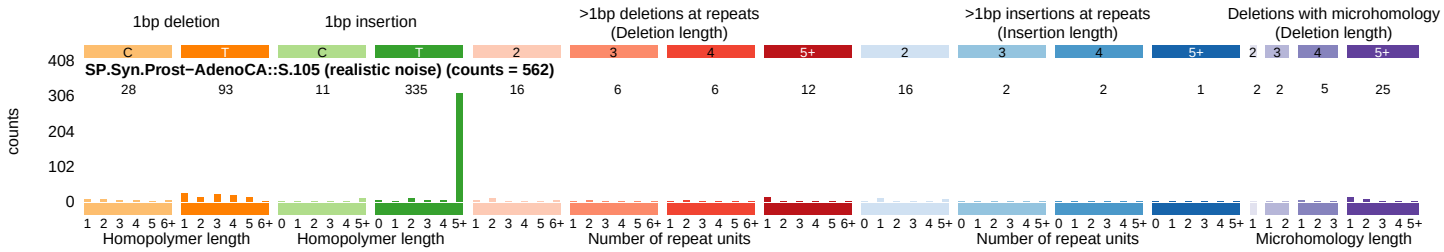
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.104 (realistic noise) (counts = 168)
12 27 2 51 1 5 0 9 2 1 0 2 1 1 2 52
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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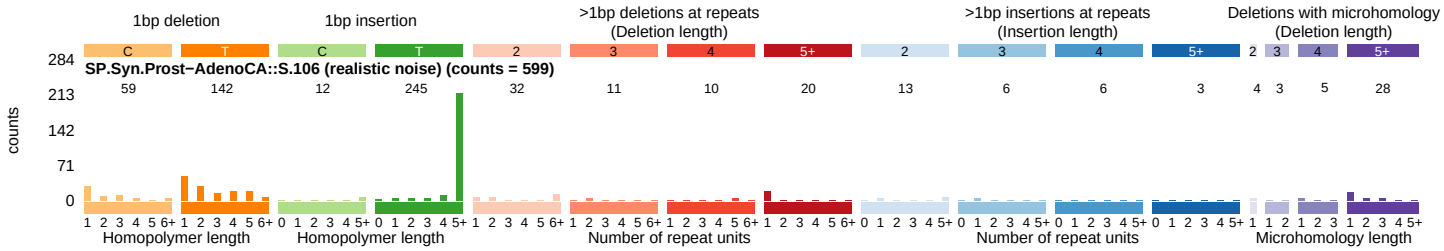
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.105 (realistic noise) (counts = 562)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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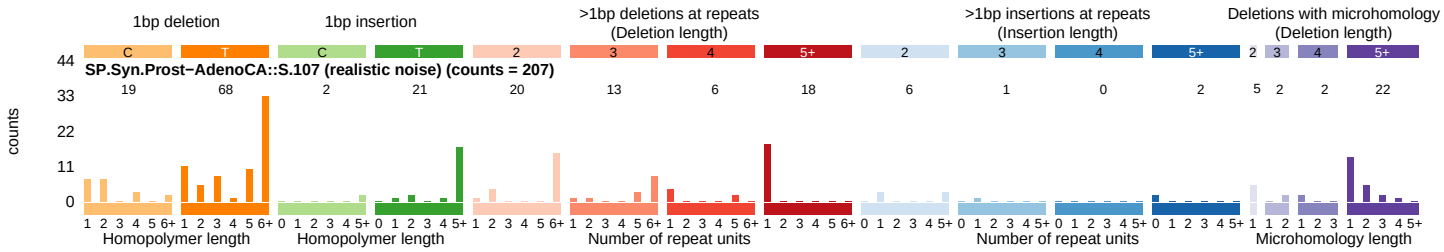
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.106 (realistic noise) (counts = 599)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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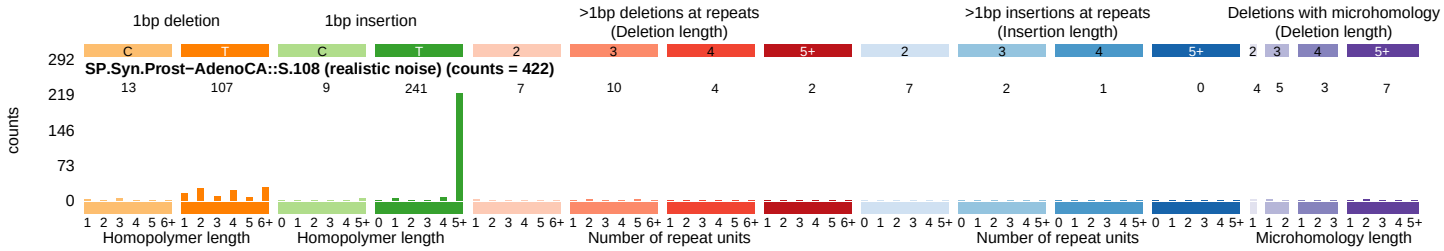
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.107 (realistic noise) (counts = 207)
counts
Homopolymer length
Number of repeat units
Microhomology length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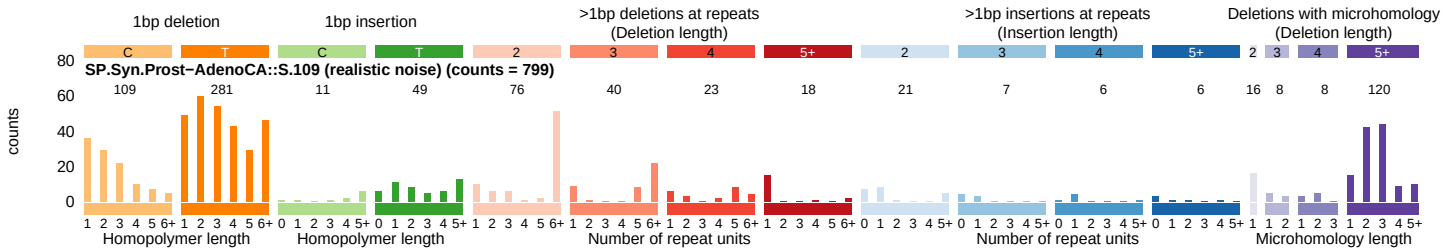
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.108 (realistic noise) (counts = 422)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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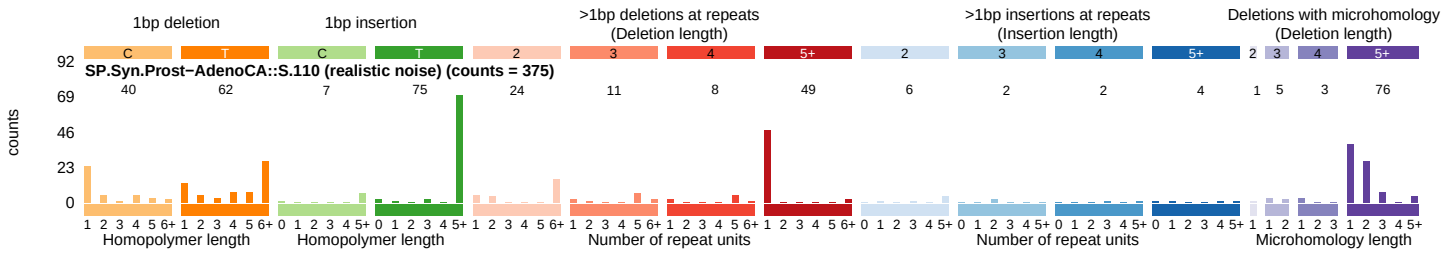
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.109 (realistic noise) (counts = 799)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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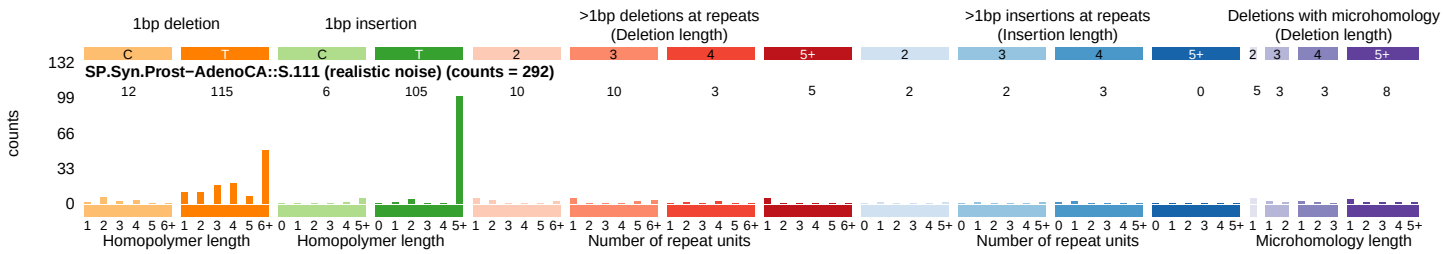
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.110 (realistic noise) (counts = 375)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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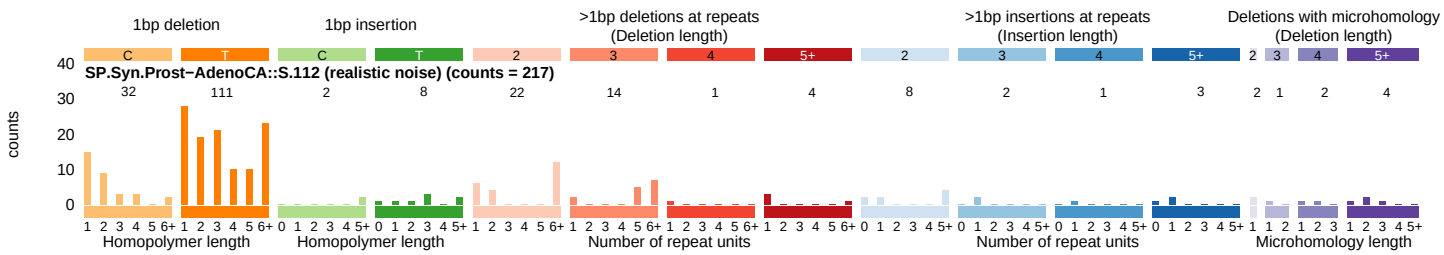
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.111 (realistic noise) (counts = 292)
counts
Homopolymer length
Number of repeat units
Microhomology length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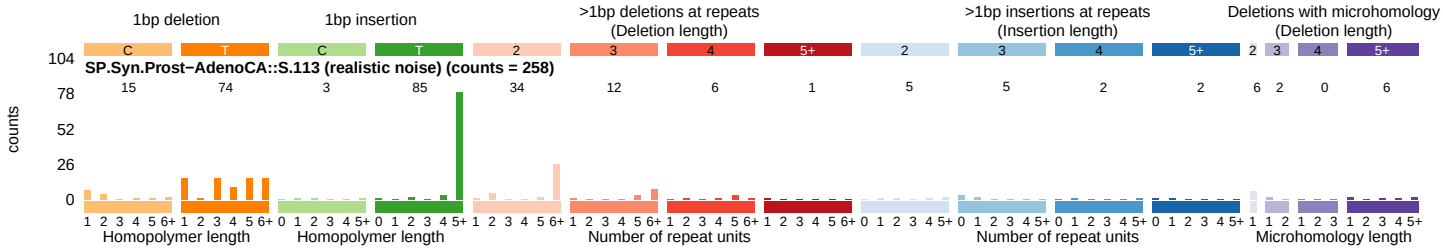
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.112 (realistic noise) (counts = 217)
counts
Homopolymer length
Number of repeat units
Microhomology length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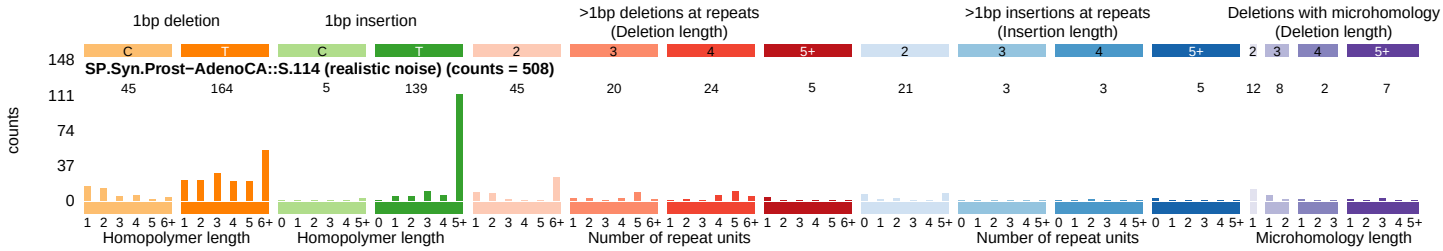
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.113 (realistic noise) (counts = 258)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
15 74 3 85 34 12 6 1 5 5 2 2 6 2 0 6
counts
Homopolymer length
Number of repeat units
Microhomology length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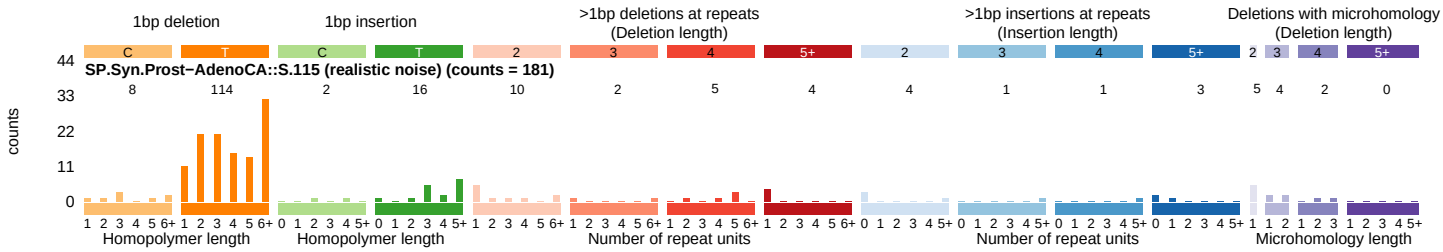
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.114 (realistic noise) (counts = 508)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
45 164 5 139 45 20 24 5 21 3 3 5 12 8 2 7
counts
Homopolymer length
Number of repeat units
Microhomology length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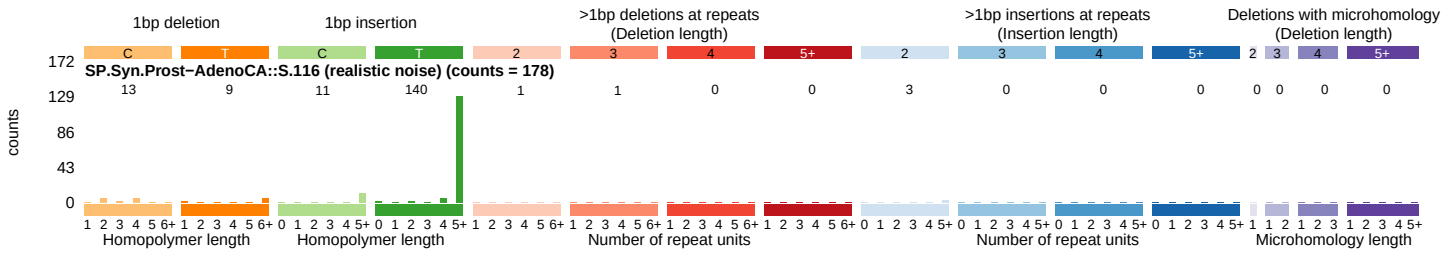
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.115 (realistic noise) (counts = 181)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
8 114 2 16 10 2 5 4 4 1 1 3 5 4 2 0
counts
Homopolymer length
Number of repeat units
Microhomology length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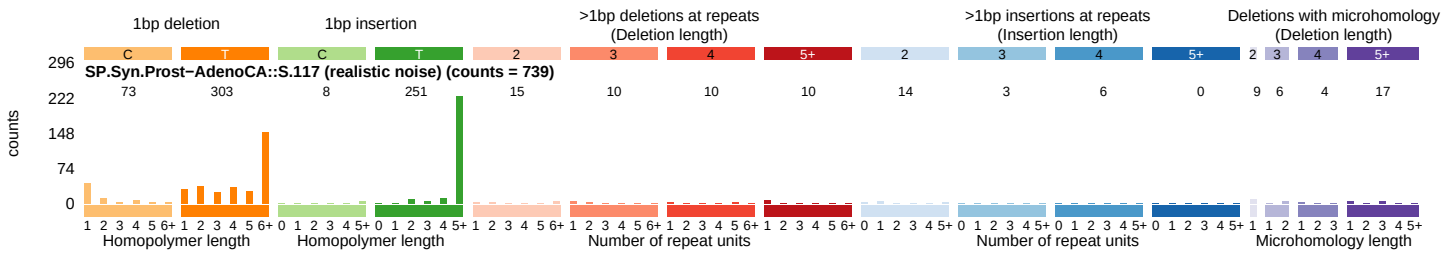
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.116 (realistic noise) (counts = 178)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
13 9 11 140 1 1 0 0 3 0 0 0 0 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length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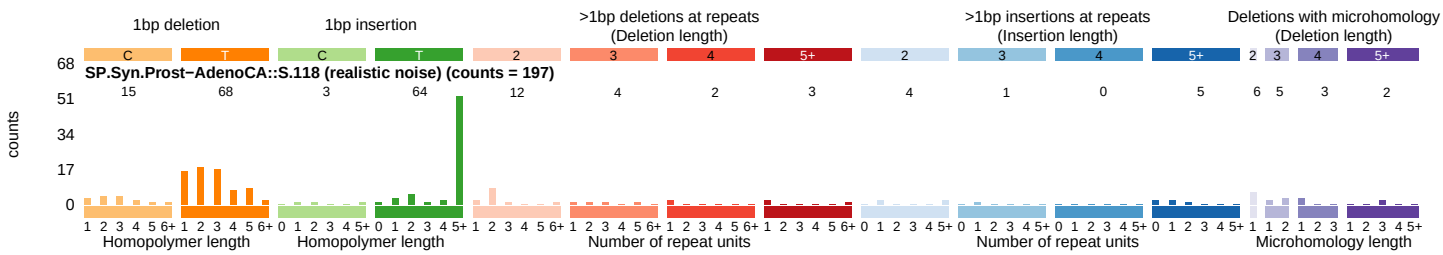
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.117 (realistic noise) (counts = 739)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
73 303 8 251 15 10 10 10 14 3 6 0 9 6 4 17
counts
Homopolymer length
Number of repeat units
Microhomology length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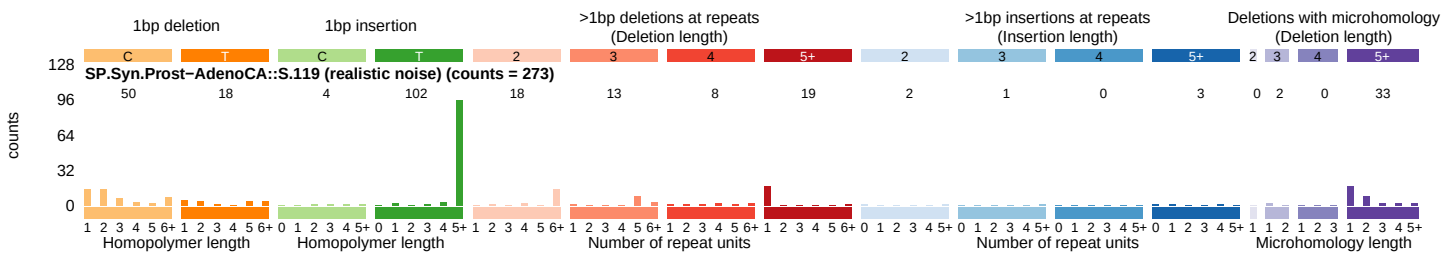
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.118 (realistic noise) (counts = 197)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
15 68 3 64 12 4 2 3 4 1 0 5 6 5 3 2
counts
Homopolymer length
Number of repeat units
Microhomology length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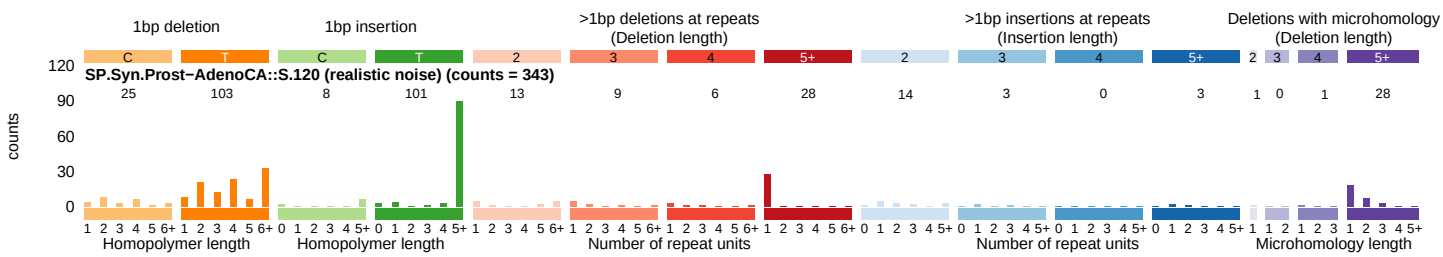
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.119 (realistic noise) (counts = 273)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
50 18 4 102 18 13 8 19 2 1 0 3 0 2 0 33
counts
Homopolymer length
Number of repeat units
Microhomology length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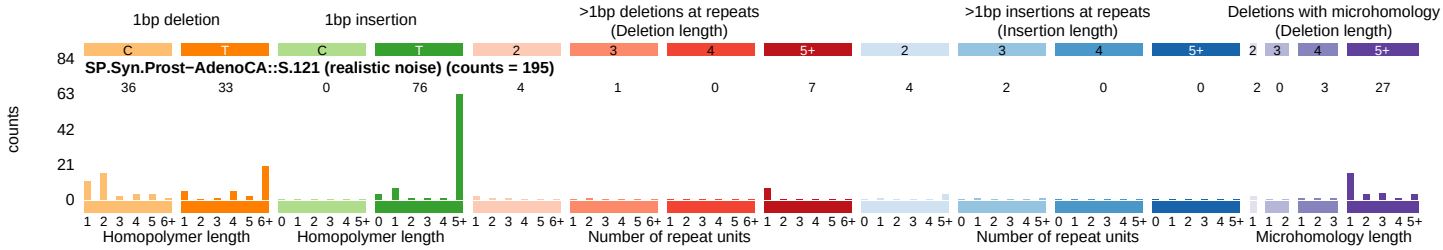
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.120 (realistic noise) (counts = 343)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
25 103 8 101 13 9 6 28 14 3 0 3 1 0 1 28
counts
Homopolymer length
Number of repeat units
Microhomology length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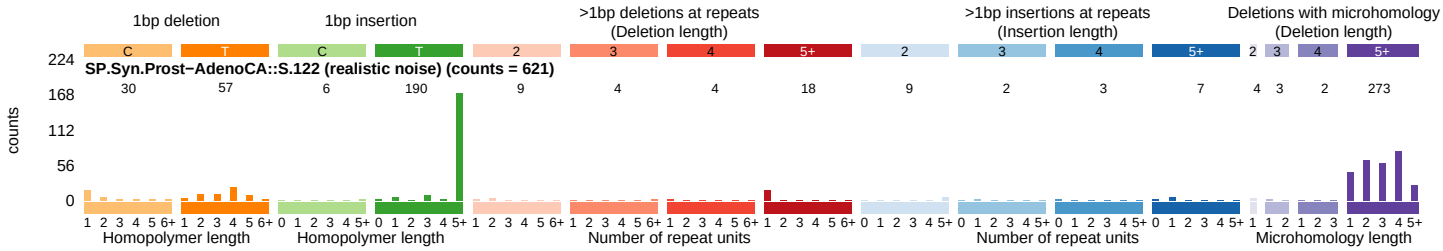
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.121 (realistic noise) (counts = 195)
36 33 0 76 4 1 0 7 4 2 0 0 2 0 3 27
counts
Homopolymer length
Number of repeat units
Microhomology length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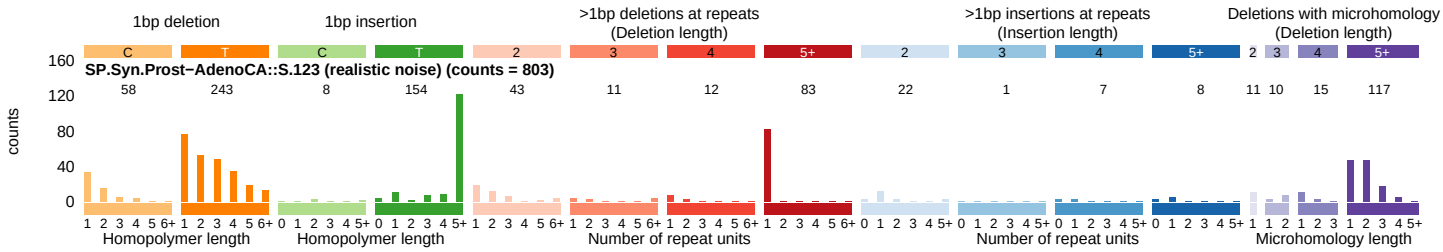
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.122 (realistic noise) (counts = 621)
30 57 6 190 9 4 4 18 9 2 3 7 4 3 2 273
counts
Homopolymer length
Number of repeat units
Microhomology length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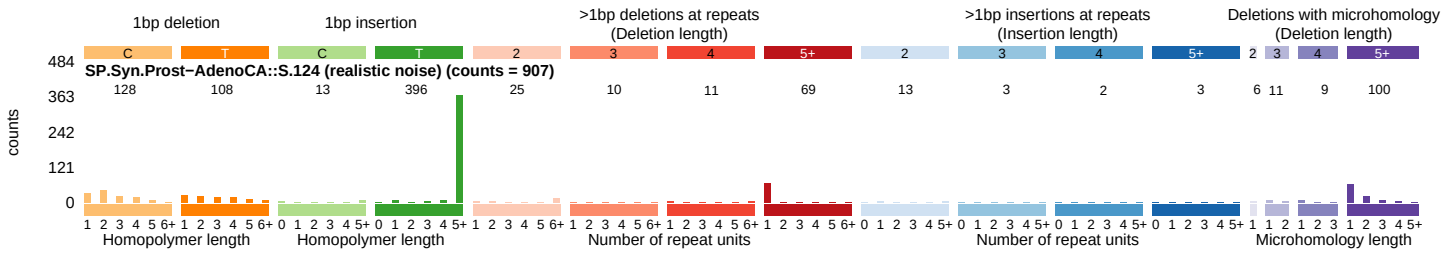
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.123 (realistic noise) (counts = 803)
58 243 8 154 43 11 12 83 22 1 7 8 11 10 15 117
counts
Homopolymer length
Number of repeat units
Microhomology length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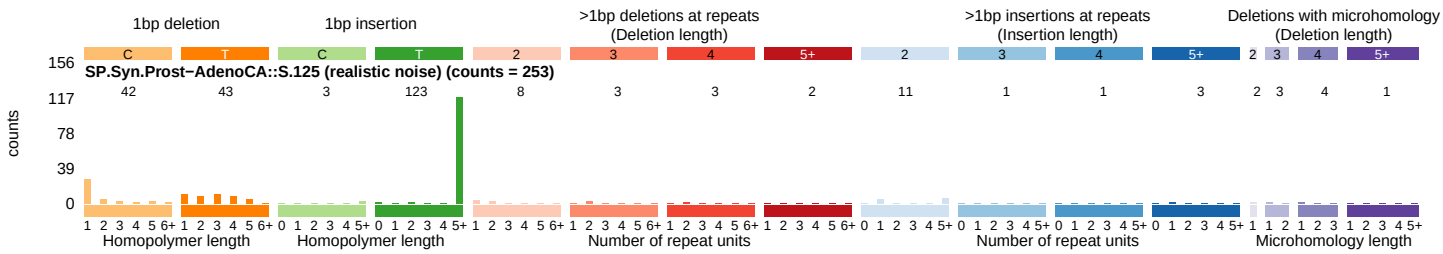
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.124 (realistic noise) (counts = 907)
128 108 13 396 25 10 11 69 13 3 2 3 6 11 9 100
counts
Homopolymer length
Number of repeat units
Microhomology length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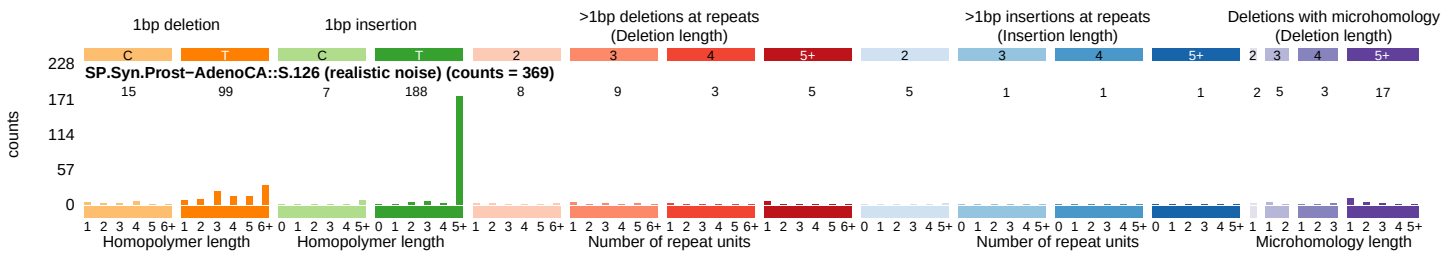
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.125 (realistic noise) (counts = 253)
42 43 3 123 8 3 3 2 11 1 1 3 2 3 4 1
counts
Homopolymer length
Number of repeat units
Microhomology length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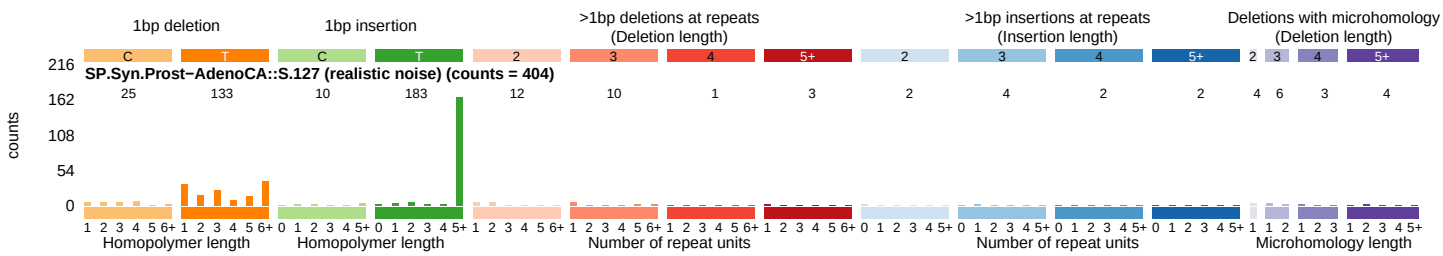
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.126 (realistic noise) (counts = 369)
15 99 7 188 8 9 3 5 5 1 1 1 2 5 3 17
counts
Homopolymer length
Number of repeat units
Microhomology length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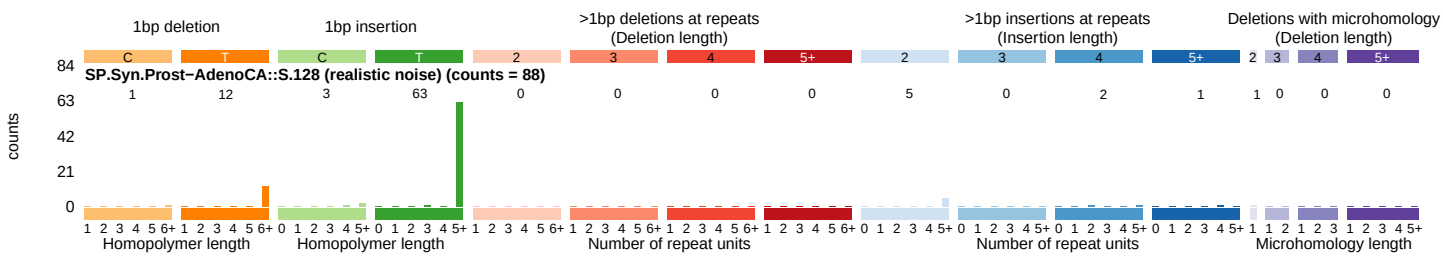
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.127 (realistic noise) (counts = 404)
25 133 10 183 12 10 1 3 2 4 2 2 4 6 3 4
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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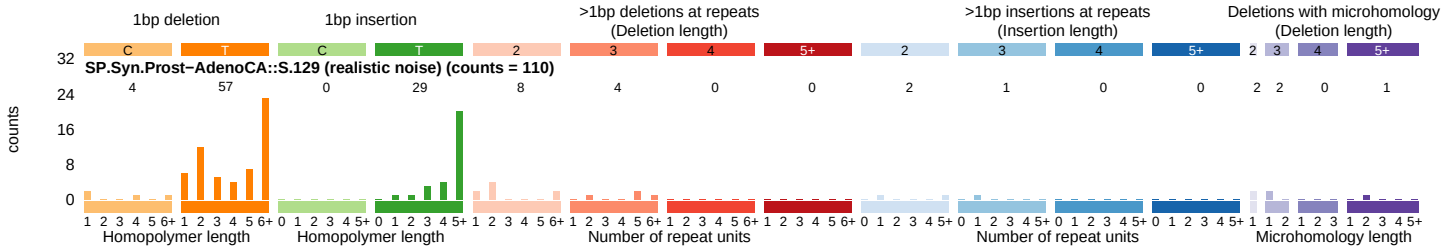
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.128 (realistic noise) (counts = 88)
1 12 3 63 0 0 0 0 5 0 2 1 1 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length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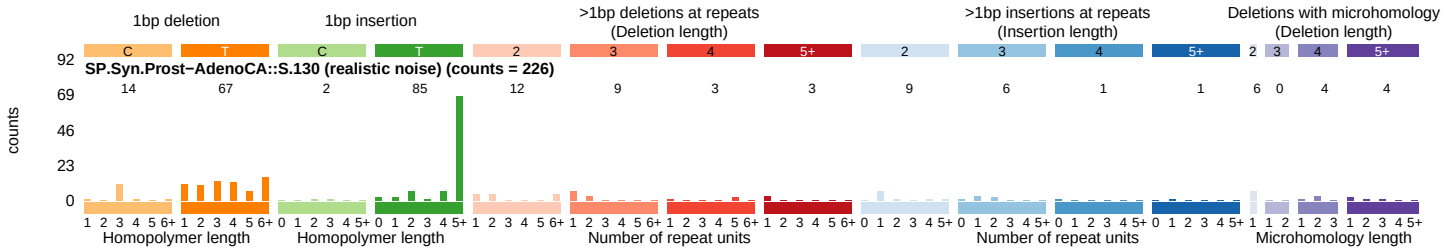
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.129 (realistic noise) (counts = 110)
counts
Homopolymer length
Number of repeat units
Microhomology length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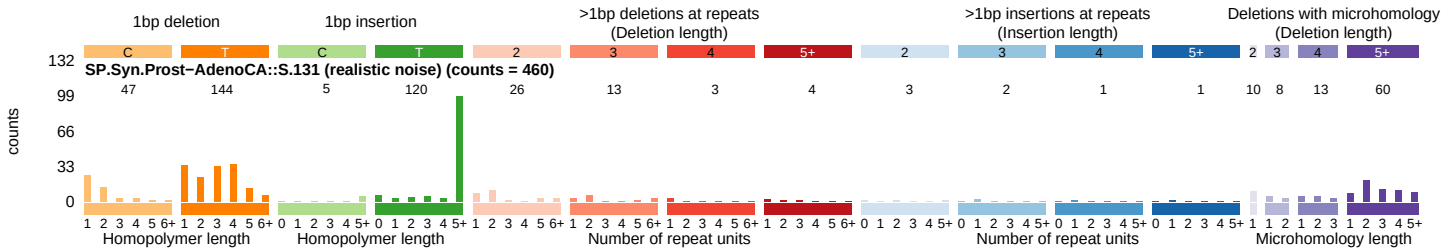
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.130 (realistic noise) (counts = 226)
counts
Homopolymer length
Number of repeat units
Microhomology length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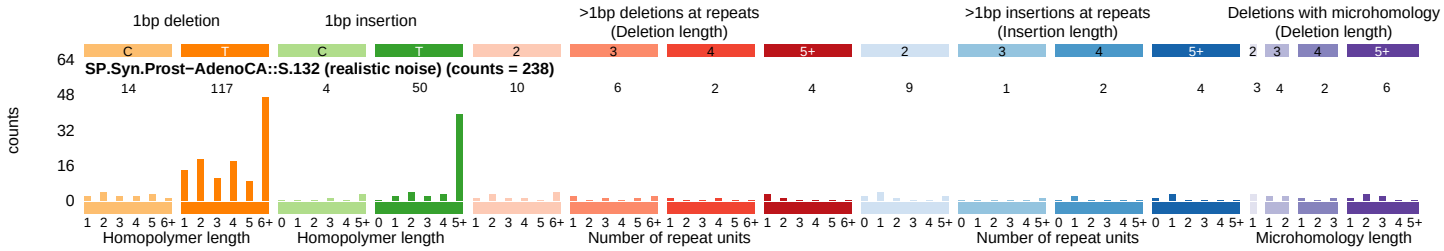
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.131 (realistic noise) (counts = 460)
counts
Homopolymer length
Number of repeat units
Microhomology length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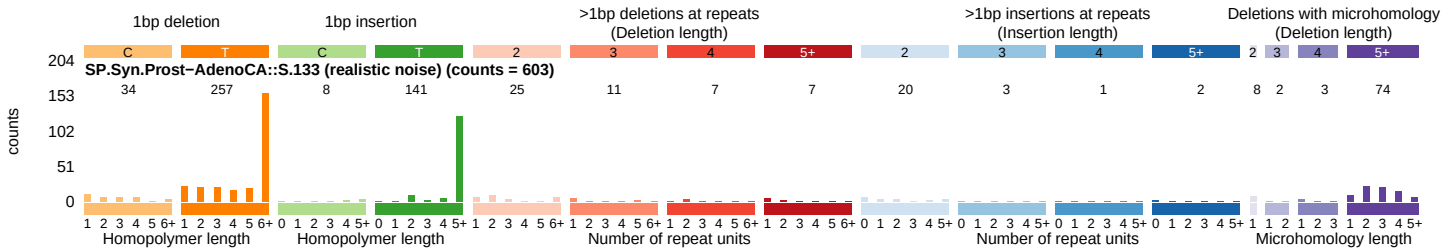
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.132 (realistic noise) (counts = 238)
counts
Homopolymer length
Number of repeat units
Microhomology length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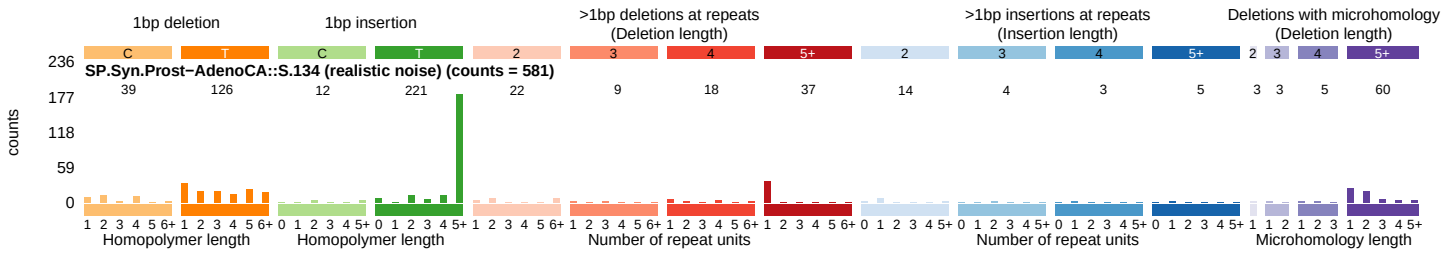
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.133 (realistic noise) (counts = 603)
counts
Homopolymer length
Number of repeat units
Microhomology length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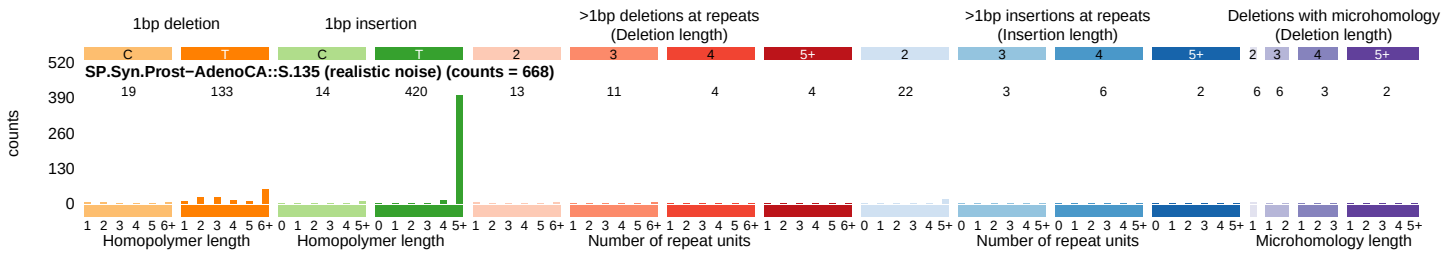
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.134 (realistic noise) (counts = 581)
counts
Homopolymer length
Number of repeat units
Microhomology length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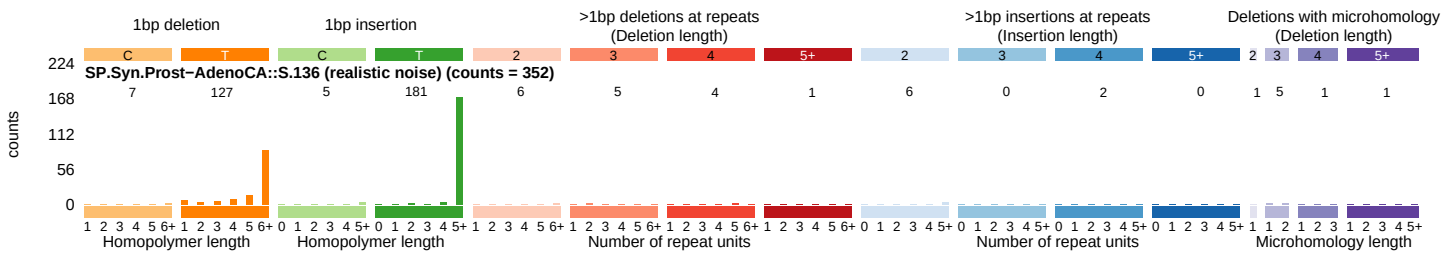
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.135 (realistic noise) (counts = 668)
counts
Homopolymer length
Number of repeat units
Microhomology length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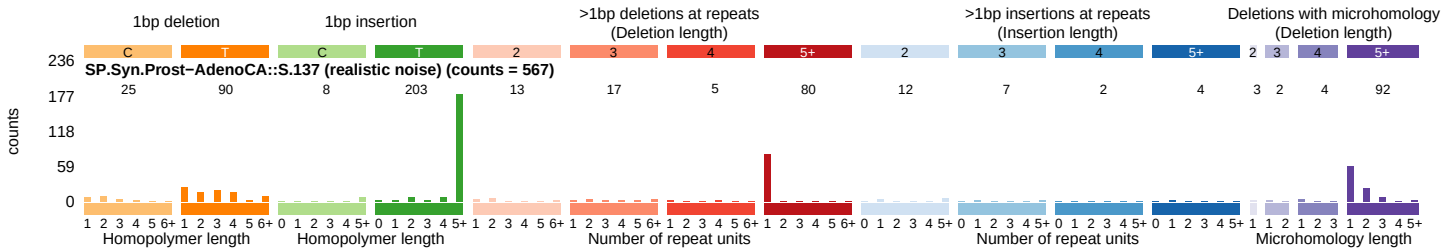
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.136 (realistic noise) (counts = 352)
counts
Homopolymer length
Number of repeat units
Microhomology length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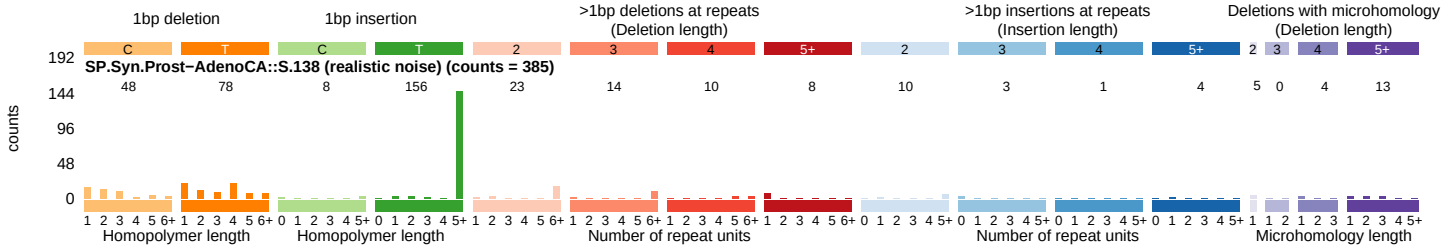
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.137 (realistic noise) (counts = 567)
25 90 8 203 13 17 5 80 12 7 2 4 3 2 4 92
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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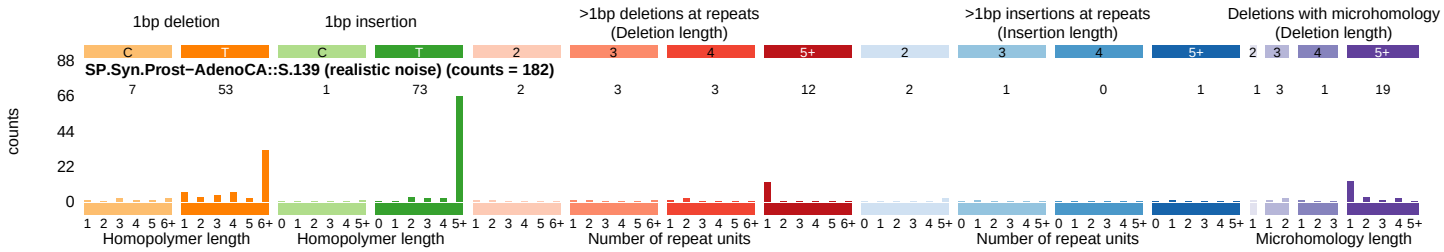
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.138 (realistic noise) (counts = 385)
48 78 8 156 23 14 10 8 10 3 1 4 5 0 4 13
counts
Homopolymer length
Number of repeat units
Microhomology length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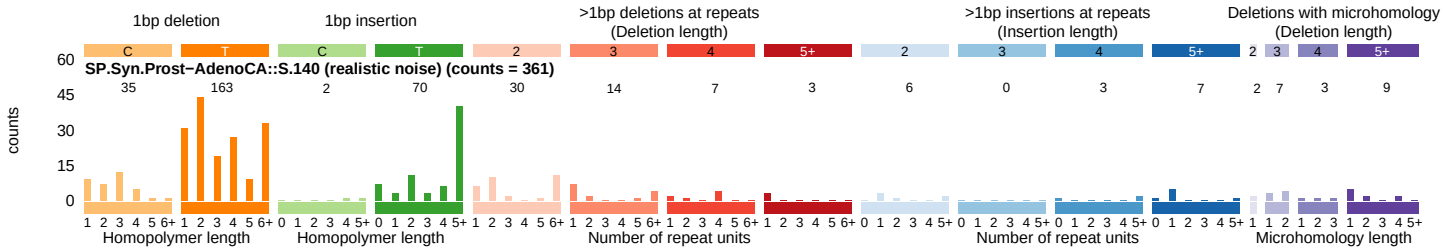
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.139 (realistic noise) (counts = 182)
7 53 1 73 2 3 3 12 2 1 0 1 1 3 1 19
counts
Homopolymer length
Number of repeat units
Microhomology length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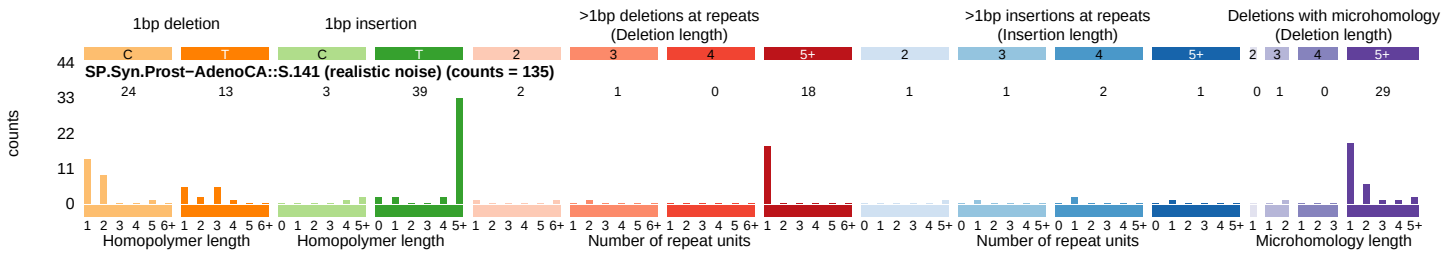
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.140 (realistic noise) (counts = 361)
35 163 2 70 30 14 7 3 6 0 3 7 2 7 3 9
counts
Homopolymer length
Number of repeat units
Microhomology length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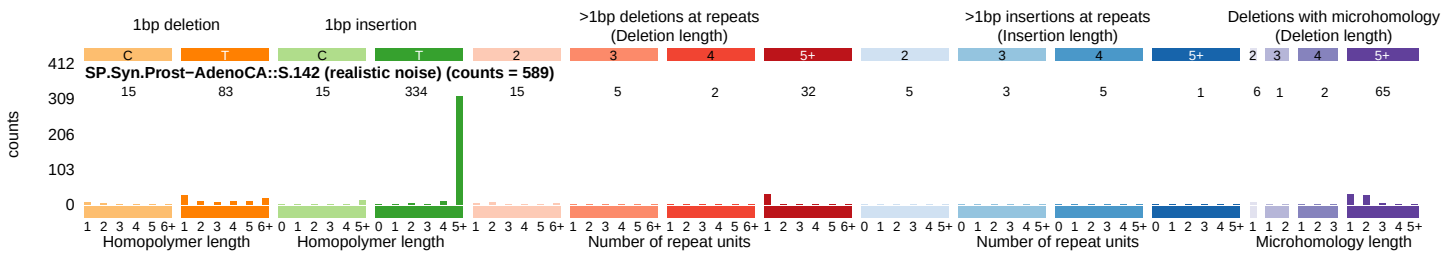
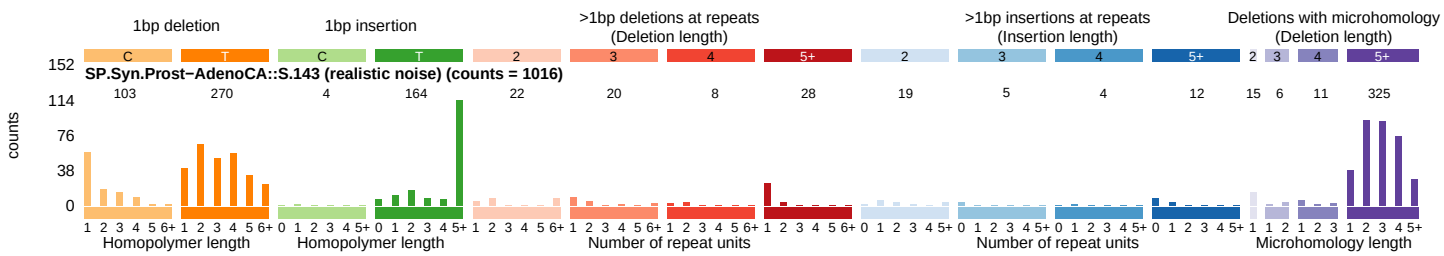
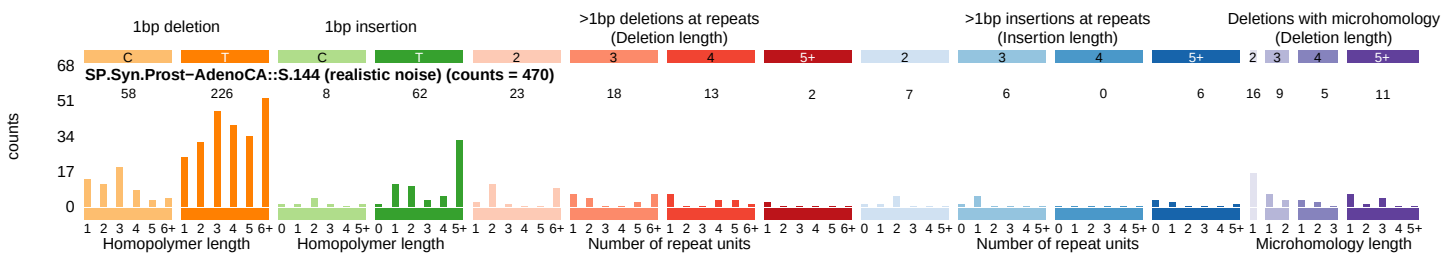
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.141 (realistic noise) (counts = 135)
24 13 3 39 2 1 0 18 1 1 2 1 0 1 0 29
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.142 (realistic noise) (counts = 589)
15 83 15 334 15 5 2 32 5 3 5 1 6 1 2 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.Prost−AdenoCA::S.143 (realistic noise) (counts = 1016)
103 270 4 164 22 20 8 28 19 5 4 12 15 6 11 325
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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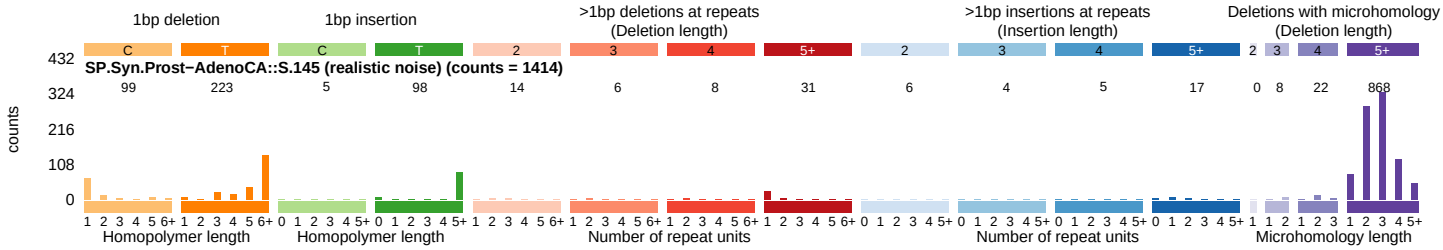
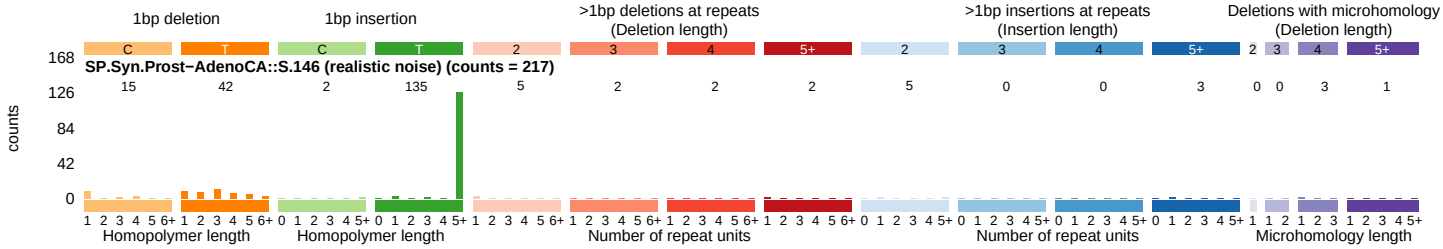
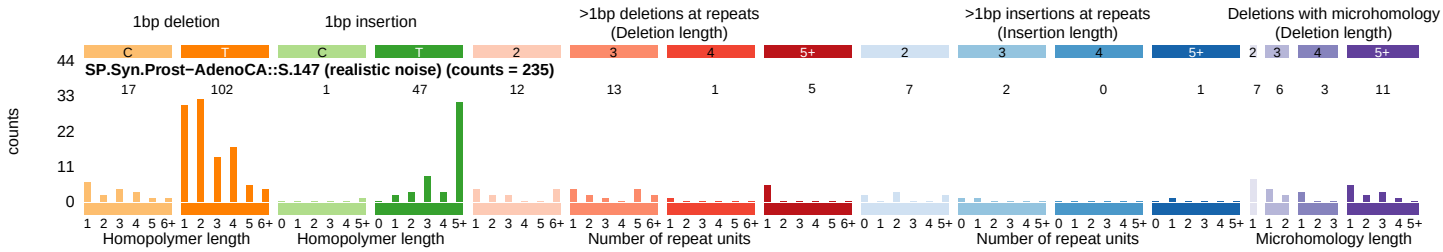
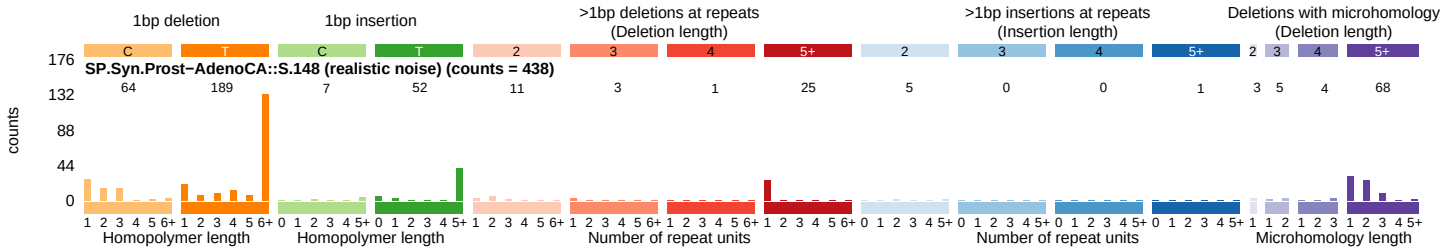
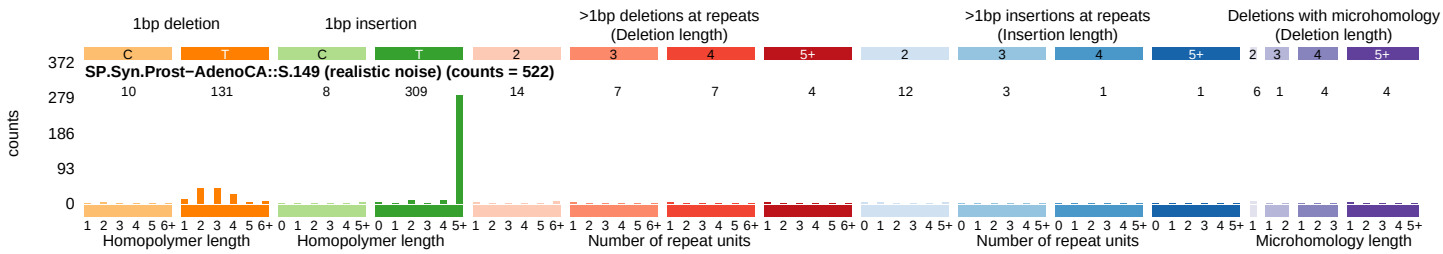
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.144 (realistic noise) (counts = 470)
58 226 8 62 23 18 13 2 7 6 0 6 16 9 5 11
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.145 (realistic noise) (counts = 1414)
99 223 5 98 14 6 8 31 6 4 5 17 0 8 22 868
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 217)
15 42 2 135 5 2 2 2 5 0 0 3 0 0 3 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.147 (realistic noise) (counts = 235)
17 102 1 47 12 13 1 5 7 2 0 1 7 6 3 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.148 (realistic noise) (counts = 438)
64 189 7 52 11 3 1 25 5 0 0 1 3 5 4 68
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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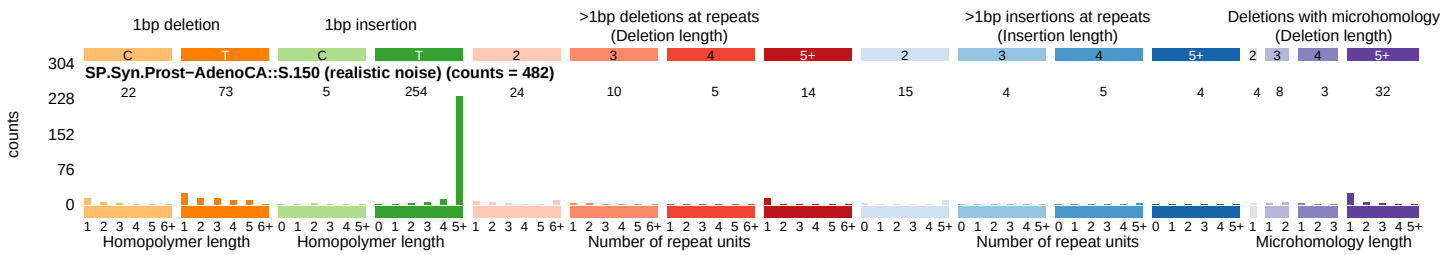
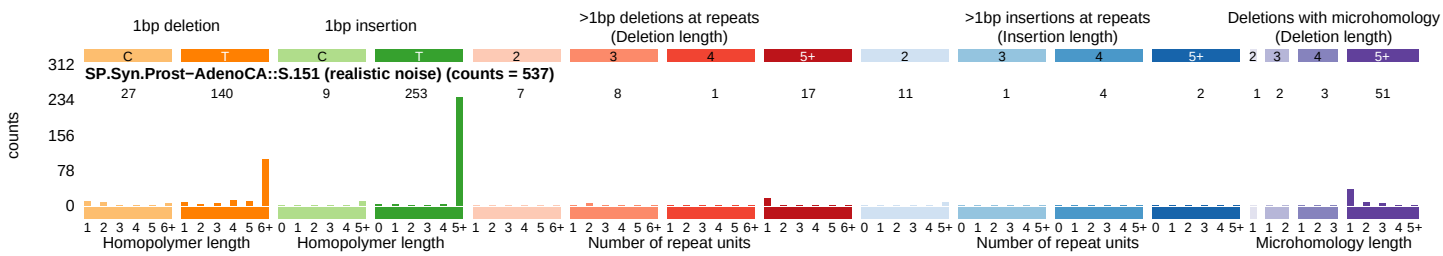
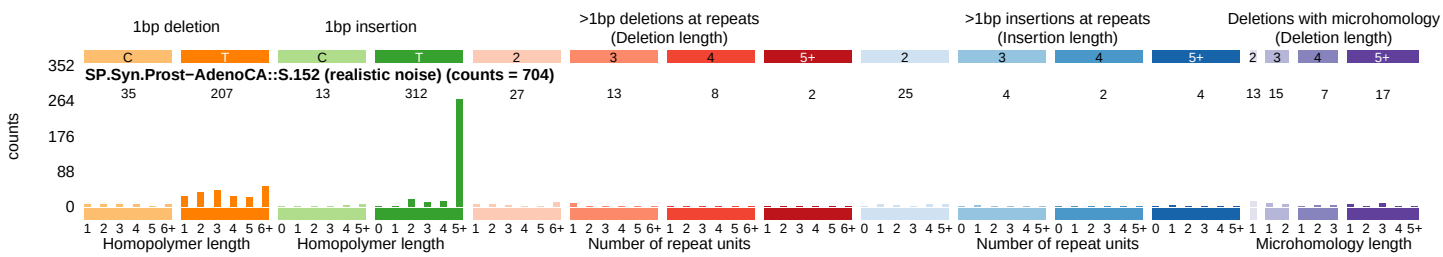
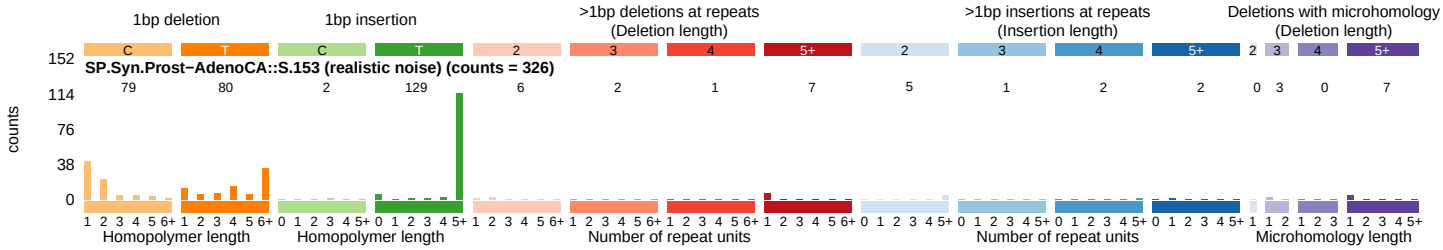
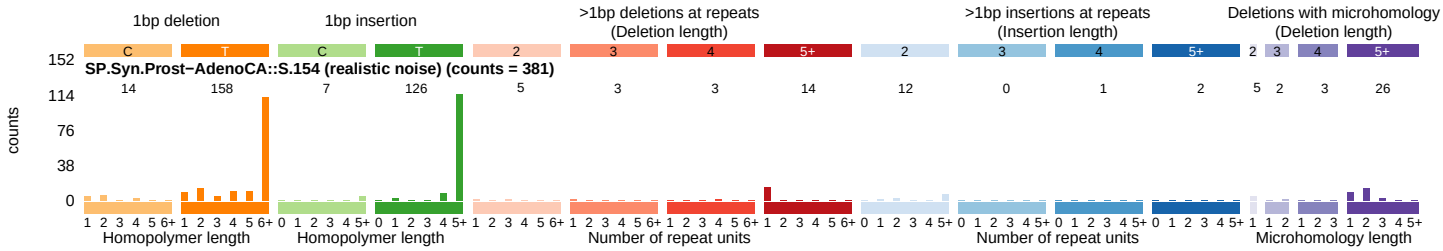
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.149 (realistic noise) (counts = 522)
10 131 8 309 14 7 7 4 12 3 1 1 6 1 4 4
counts
Homopolymer length
Number of repeat units
Microhomology length

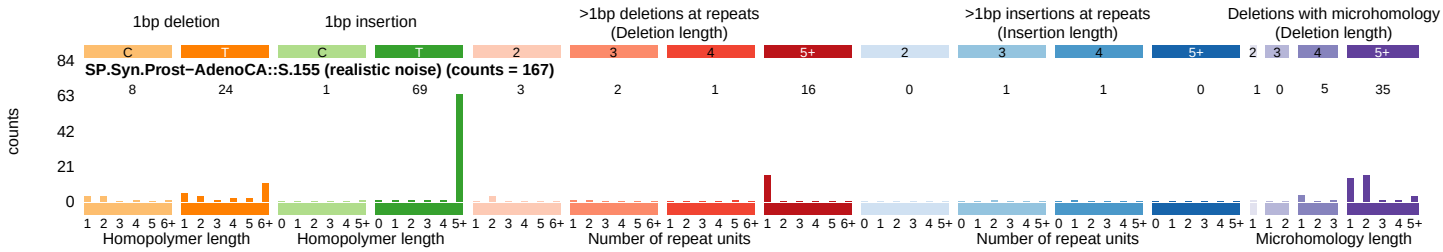

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.150 (realistic noise) (counts = 482)
22 73 5 254 24 10 5 14 15 4 5 4 4 8 3 32
counts
Homopolymer length
Number of repeat units
Microhomology length

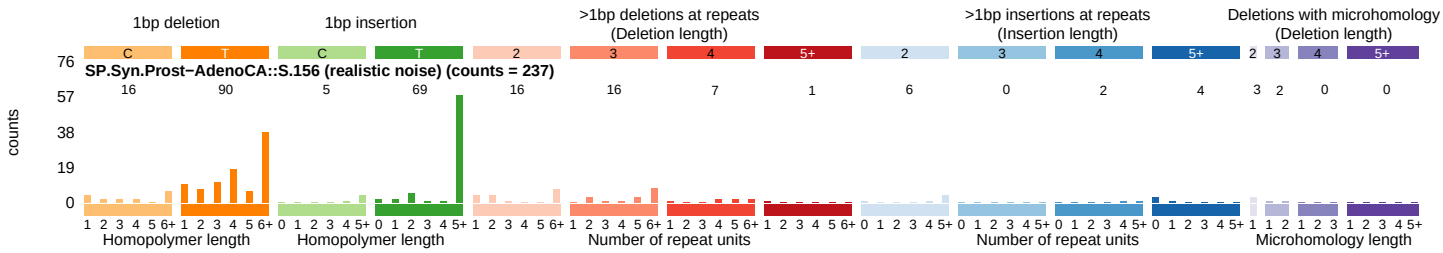

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.151 (realistic noise) (counts = 537)
27 140 9 253 7 8 1 17 11 1 4 2 1 2 3 51
counts
Homopolymer length
Number of repeat units
Microhomology length

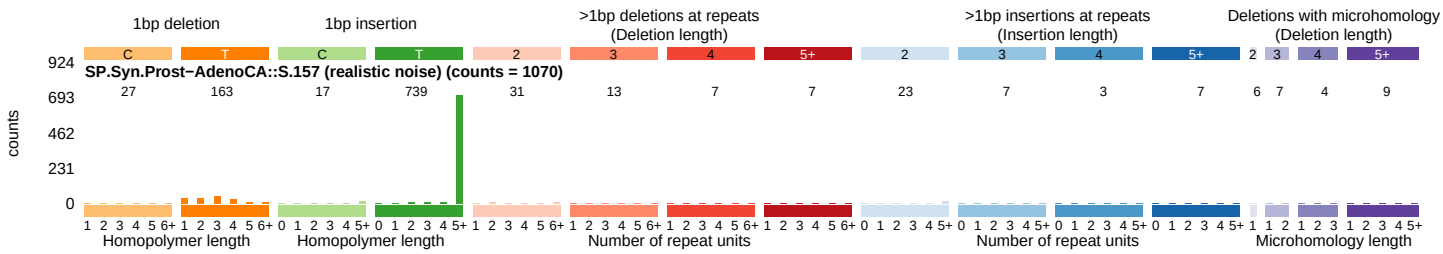

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.152 (realistic noise) (counts = 704)
35 207 13 312 27 13 8 2 25 4 2 4 13 15 7 17
counts
Homopolymer length
Number of repeat units
Microhomology length

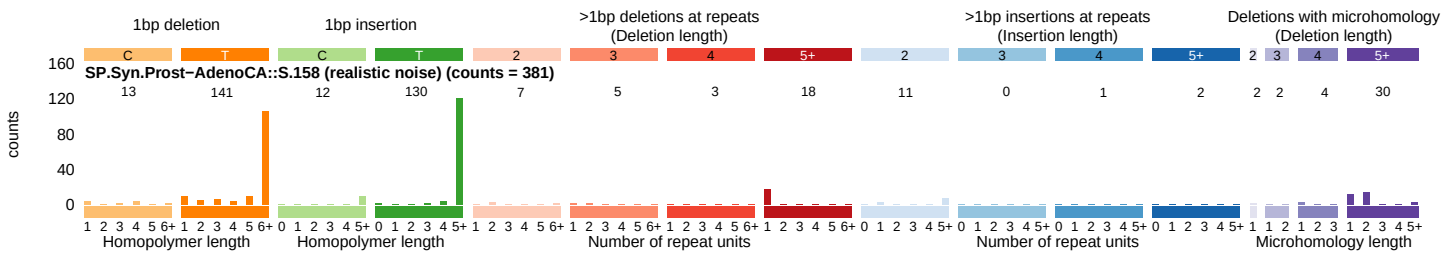

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.153 (realistic noise) (counts = 326)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
79 80 2 129 6 2 1 7 5 1 2 2 0 3 0 7
counts
Homopolymer length
Number of repeat units
Microhomology length

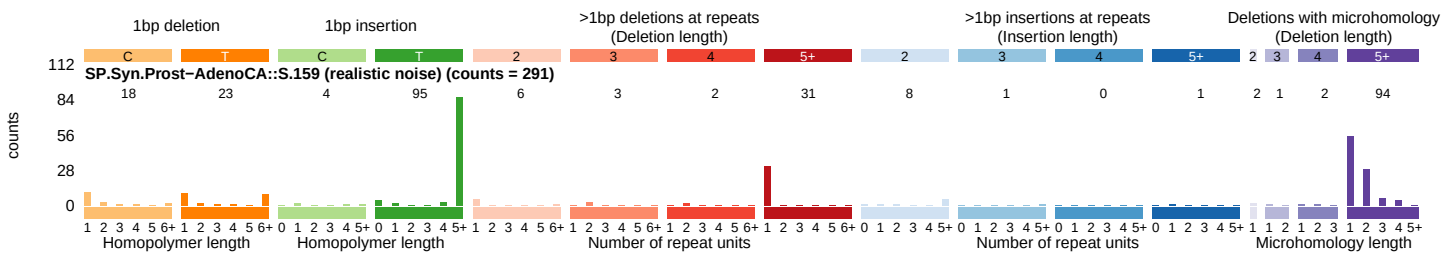

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.154 (realistic noise) (counts = 381)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
14 158 7 126 5 3 3 14 12 0 1 2 5 2 3 26
counts
Homopolymer length
Number of repeat units
Microhomology length

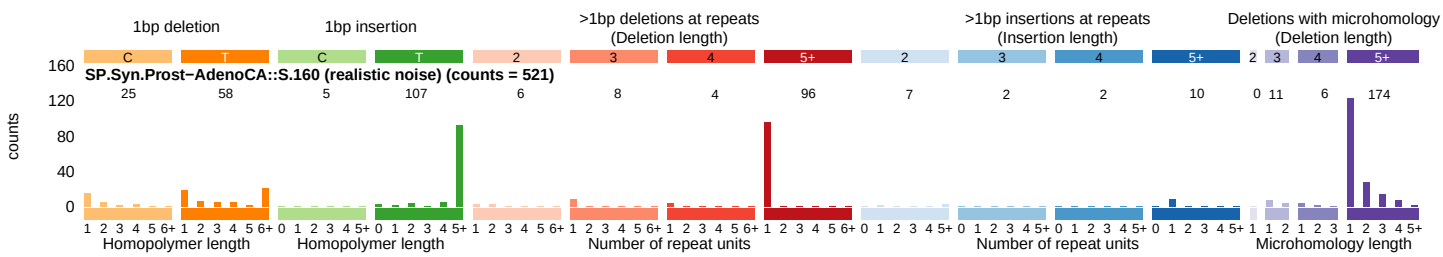

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.155 (realistic noise) (counts = 167)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
8 24 1 69 3 2 1 16 0 1 1 0 1 0 5 35
counts
Homopolymer length
Number of repeat units
Microhomology length

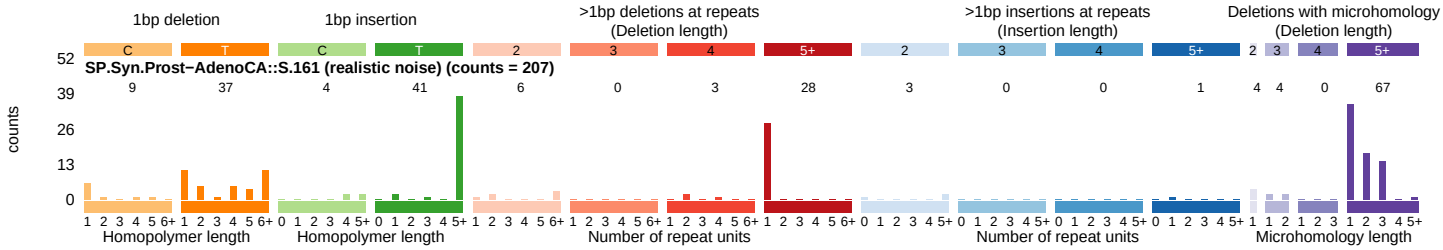

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.156 (realistic noise) (counts = 237)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
16 90 5 69 16 16 7 1 6 0 2 4 3 2 0 0
counts
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.157 (realistic noise) (counts = 1070)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
27 163 17 739 31 13 7 7 23 7 3 7 6 7 4 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.158 (realistic noise) (counts = 381)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
13 141 12 130 7 5 3 18 11 0 1 2 2 2 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.Prost−AdenoCA::S.159 (realistic noise) (counts = 291)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
18 23 4 95 6 3 2 31 8 1 0 1 2 1 2 94
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.160 (realistic noise) (counts = 521)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
25 58 5 107 6 8 4 96 7 2 2 10 0 11 6 174
counts
Homopolymer length
Number of repeat units
Microhomology length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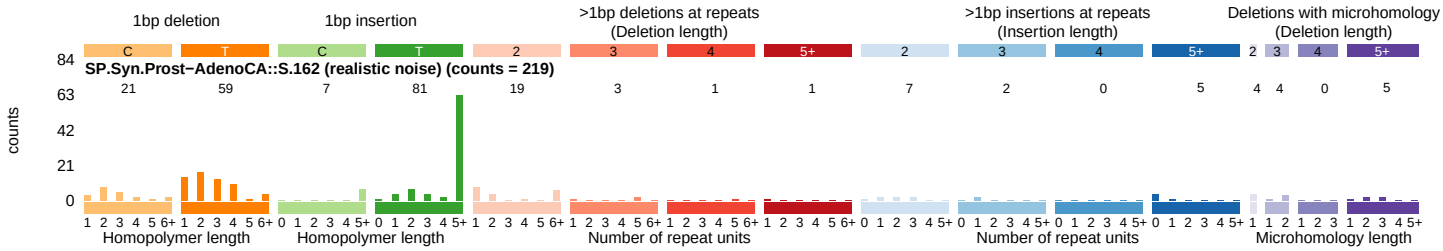
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.161 (realistic noise) (counts = 207)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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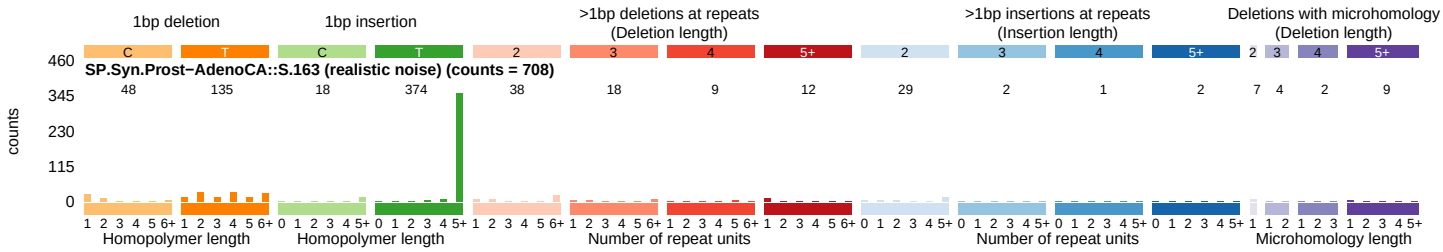
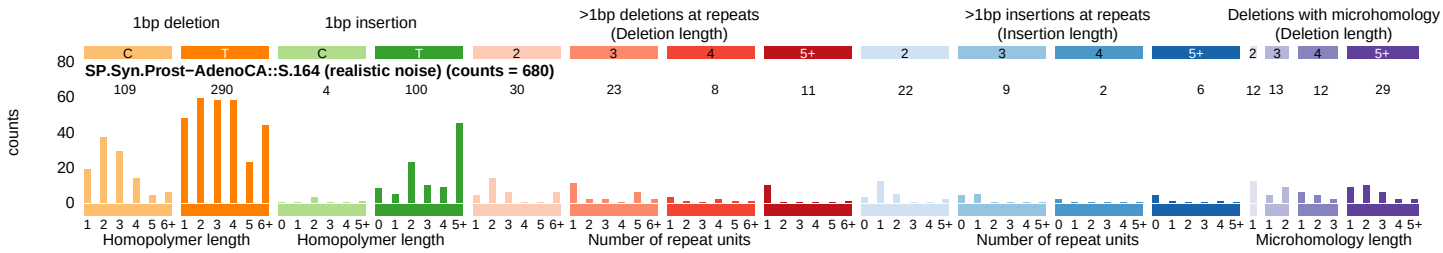
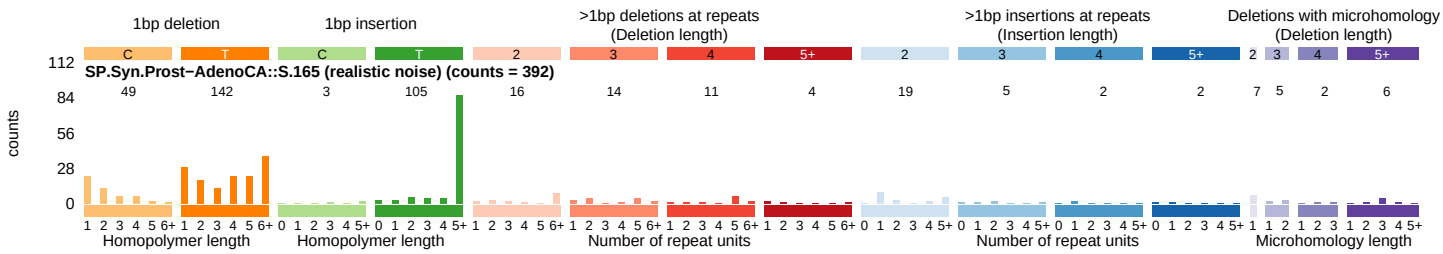
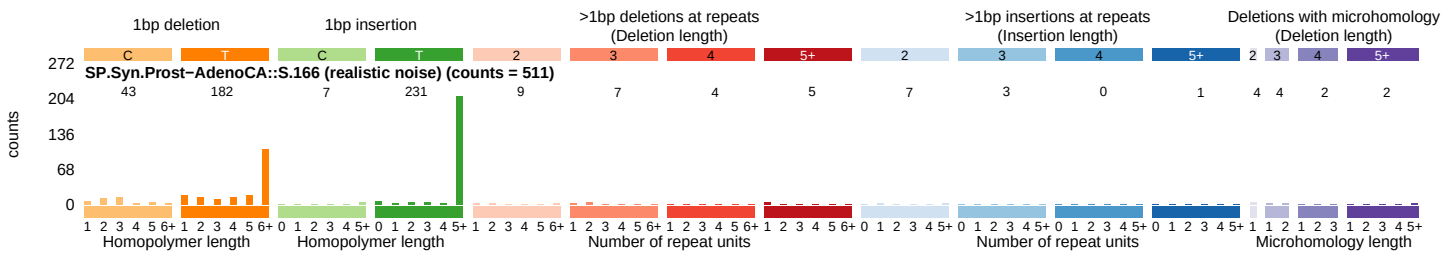
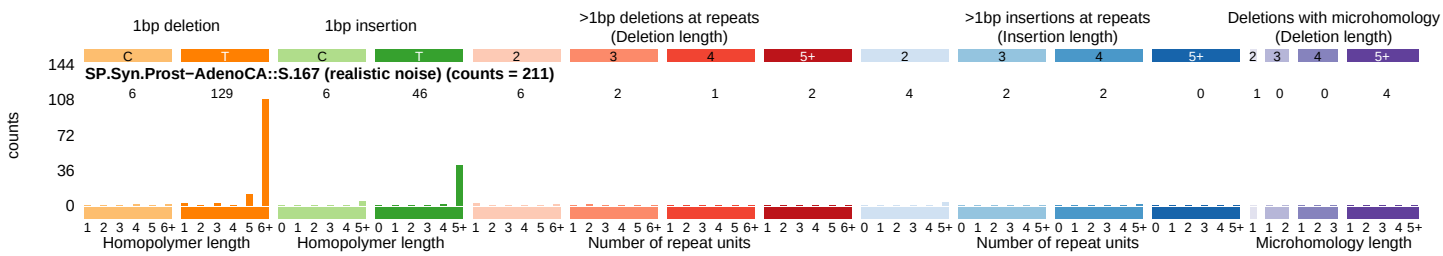
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.162 (realistic noise) (counts = 219)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.163 (realistic noise) (counts = 708)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 680)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.165 (realistic noise) (counts = 392)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 511)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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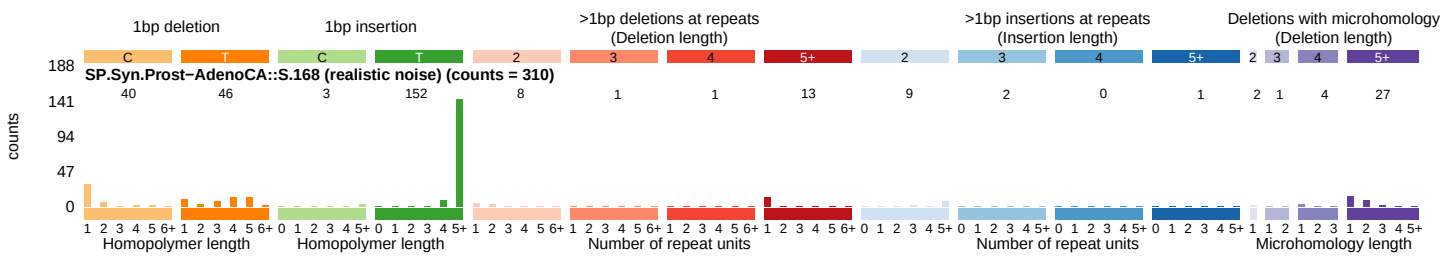
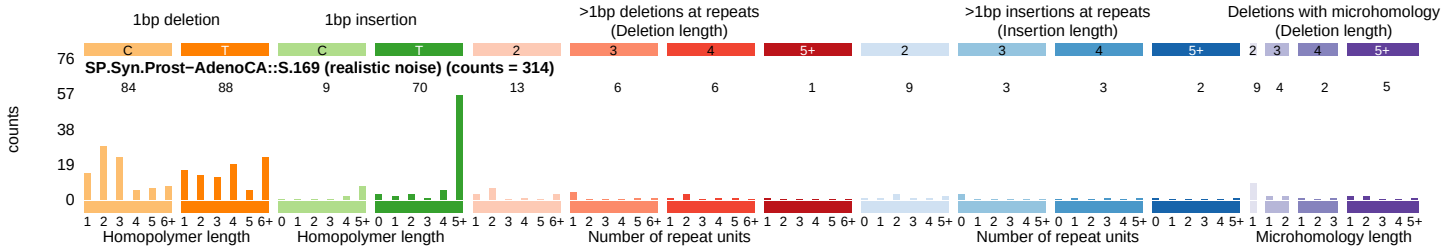
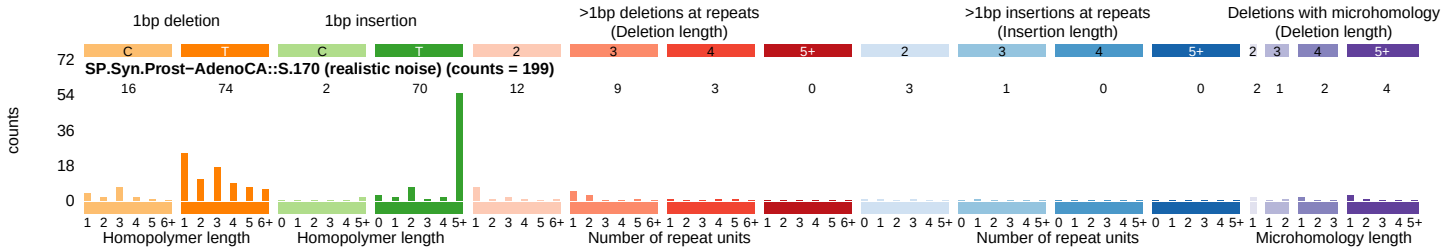
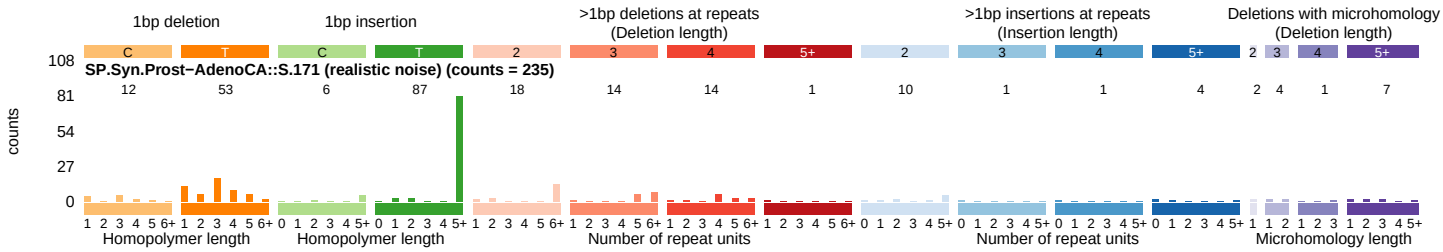
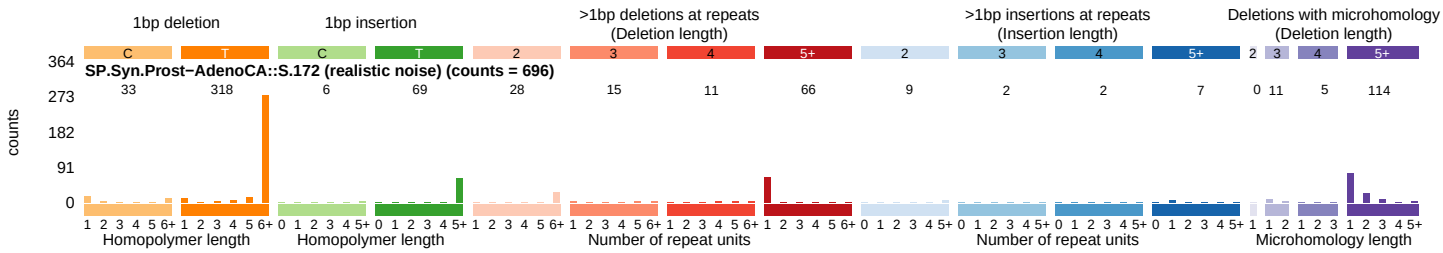
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.167 (realistic noise) (counts = 211)
counts
Homopolymer length
Number of repeat units
Microhomology length

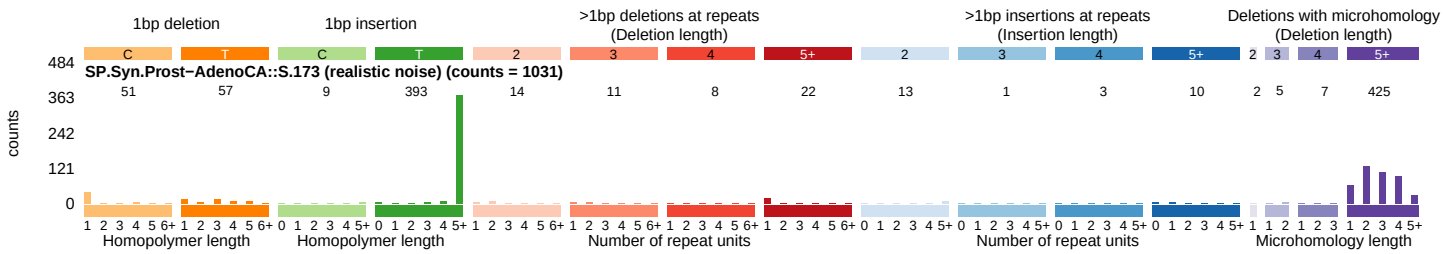

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.168 (realistic noise) (counts = 310)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.169 (realistic noise) (counts = 314)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
84 88 9 70 13 6 6 1 9 3 3 2 9 4 2 5
counts
76 57 38 19 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.Prost−AdenoCA::S.170 (realistic noise) (counts = 199)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
16 74 2 70 12 9 3 0 3 1 0 0 2 1 2 4
counts
72 54 36 18 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.171 (realistic noise) (counts = 235)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
12 53 6 87 18 14 14 1 10 1 1 4 2 4 1 7
counts
108 81 54 27 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.Prost−AdenoCA::S.172 (realistic noise) (counts = 696)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
33 318 6 69 28 15 11 66 9 2 2 7 0 11 5 114
counts
364 273 182 91 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
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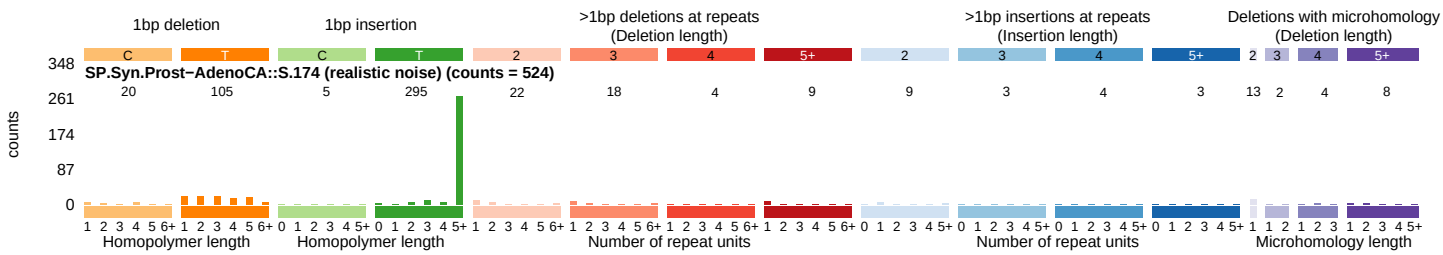
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.173 (realistic noise) (counts = 1031)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
51 57 9 393 14 11 8 22 13 1 3 10 2 5 7 425
counts
484 363 242 121 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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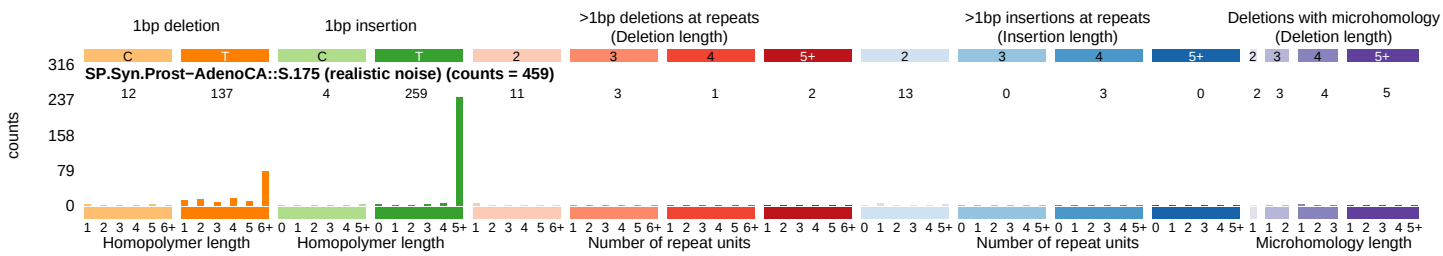
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.174 (realistic noise) (counts = 524)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
20 105 5 295 22 18 4 9 9 3 4 3 13 2 4 8
counts
348 261 174 87 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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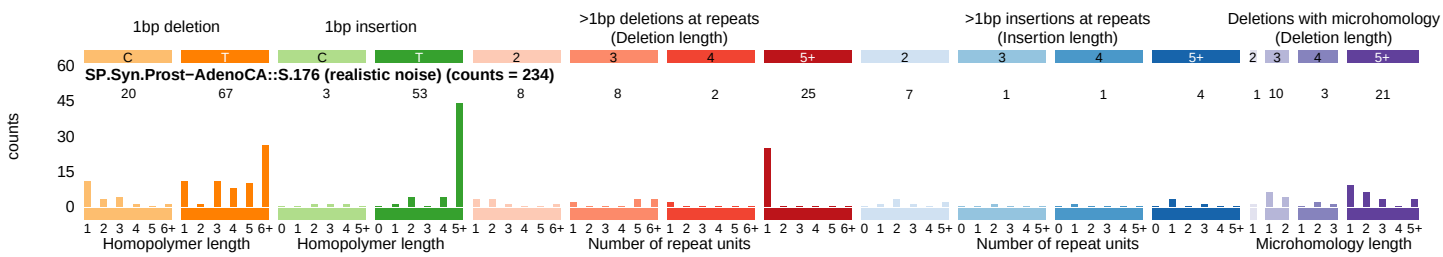
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.175 (realistic noise) (counts = 459)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
12 137 4 259 11 3 1 2 13 0 3 0 2 3 4 5
counts
316 237 158 79 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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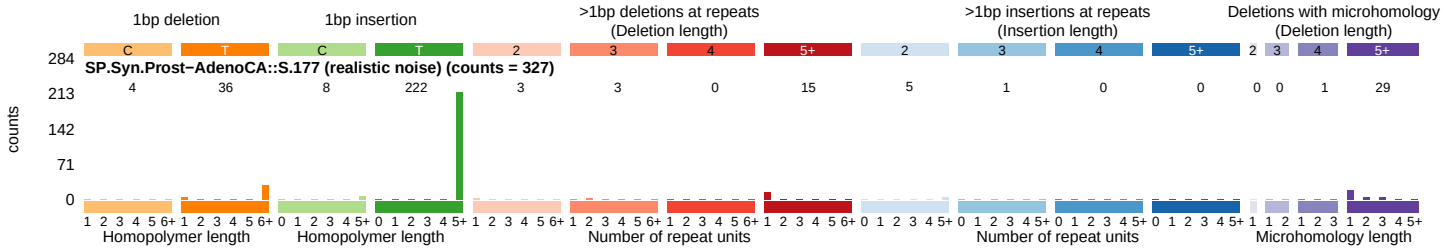
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.176 (realistic noise) (counts = 234)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
20 67 3 53 8 8 2 25 7 1 1 4 1 10 3 21
counts
60 45 30 15 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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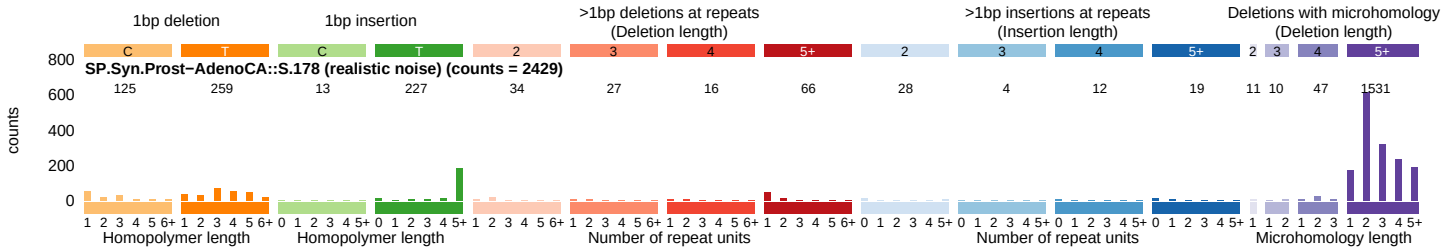
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.177 (realistic noise) (counts = 327)
4 36 8 222 3 3 0 15 5 1 0 0 0 0 1 29
counts
Homopolymer length
Number of repeat units
Microhomology length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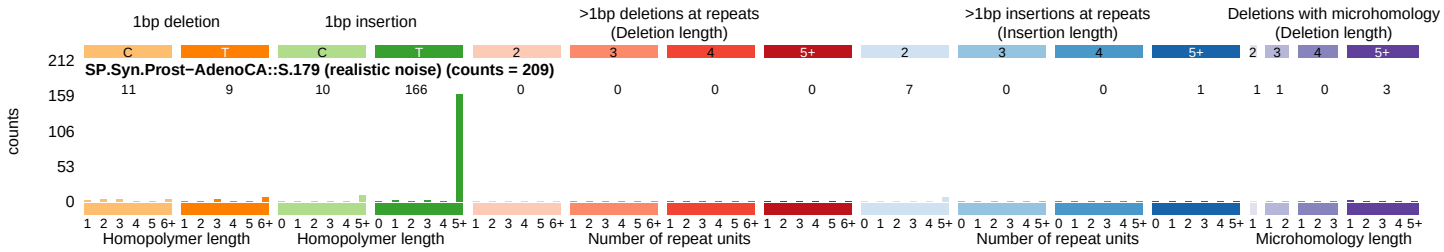
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.178 (realistic noise) (counts = 2429)
125 259 13 227 34 27 16 66 28 4 12 19 11 10 47 1531
counts
Homopolymer length
Number of repeat units
Microhomology length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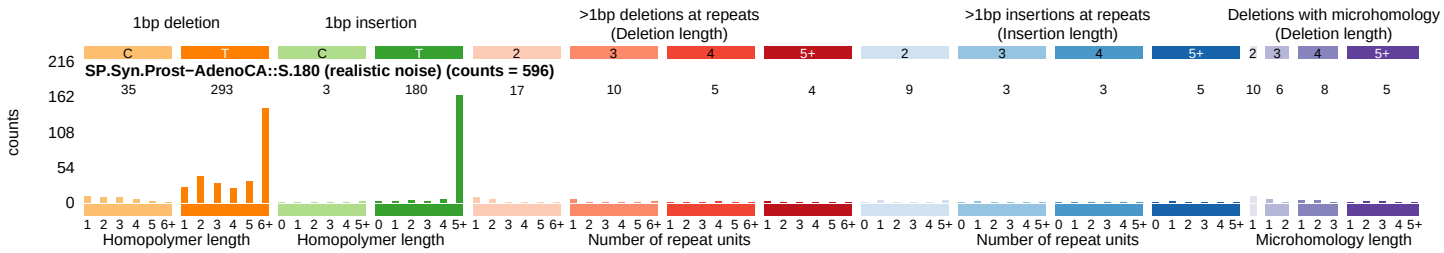
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.179 (realistic noise) (counts = 209)
11 9 10 166 0 0 0 0 7 0 0 1 1 1 0 3
counts
Homopolymer length
Number of repeat units
Microhomology length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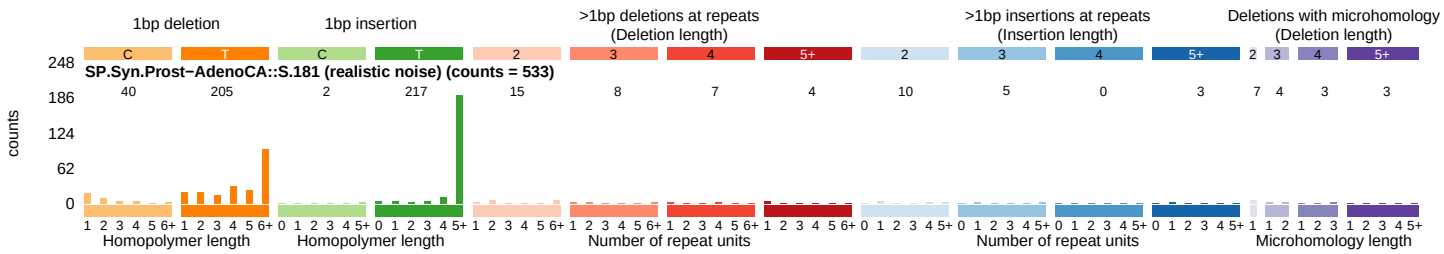
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.180 (realistic noise) (counts = 596)
35 293 3 180 17 10 5 4 9 3 3 5 10 6 8 5
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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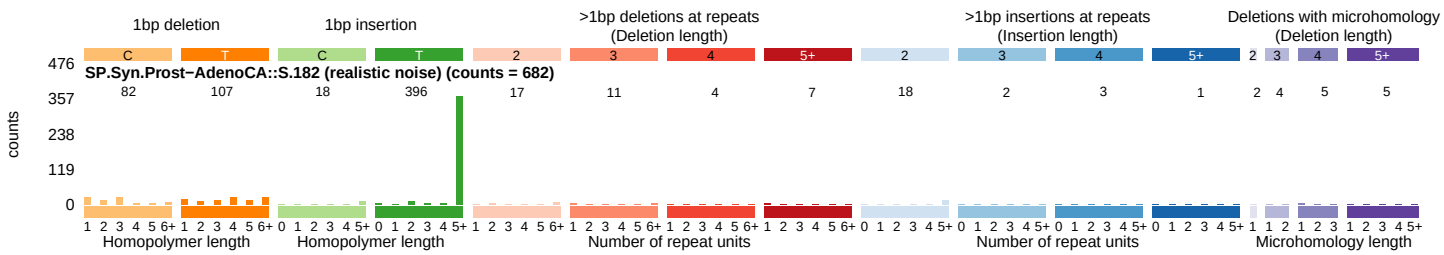
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.181 (realistic noise) (counts = 533)
40 205 2 217 15 8 7 4 10 5 0 3 7 4 3 3
counts
Homopolymer length
Number of repeat units
Microhomology length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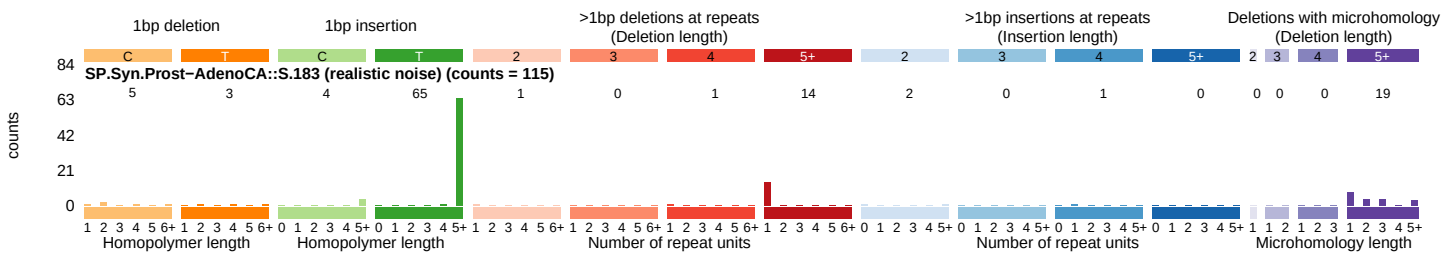
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.182 (realistic noise) (counts = 682)
82 107 18 396 17 11 4 7 18 2 3 1 2 4 5 5
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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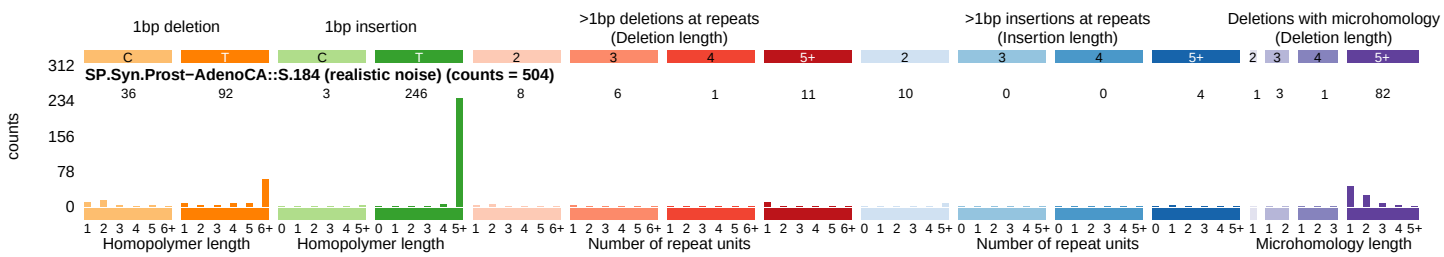
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.183 (realistic noise) (counts = 115)
5 3 4 65 1 0 1 14 2 0 1 0 0 0 0 19
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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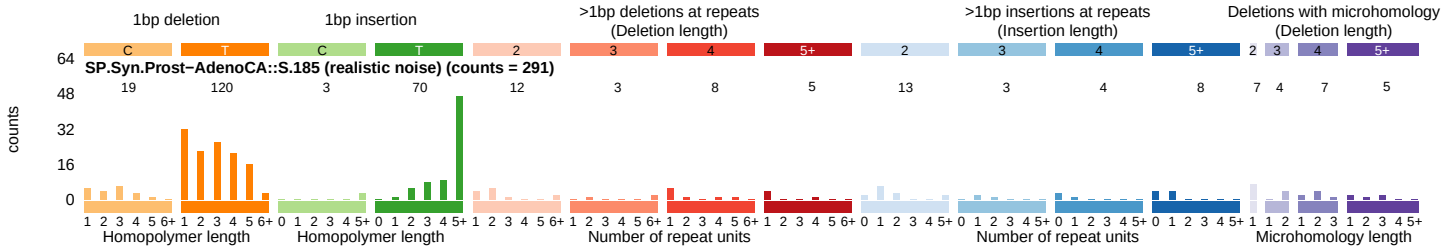
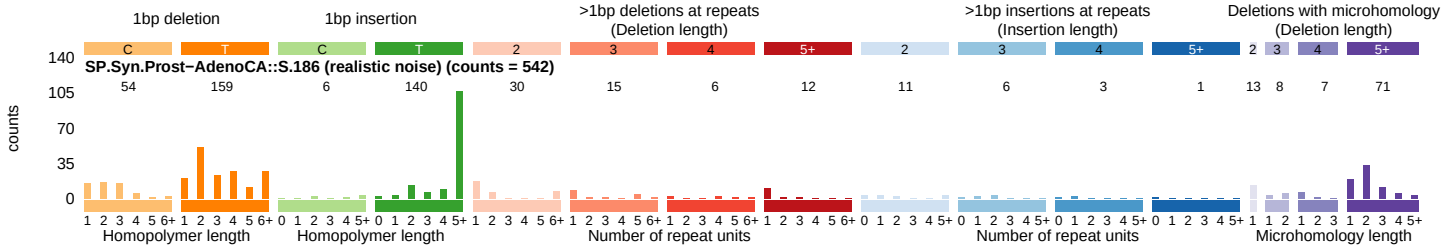
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.184 (realistic noise) (counts = 504)
36 92 3 246 8 6 1 11 10 0 0 4 1 3 1 82
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.185 (realistic noise) (counts = 291)
19 120 3 70 12 3 8 5 13 3 4 8 7 4 7 5
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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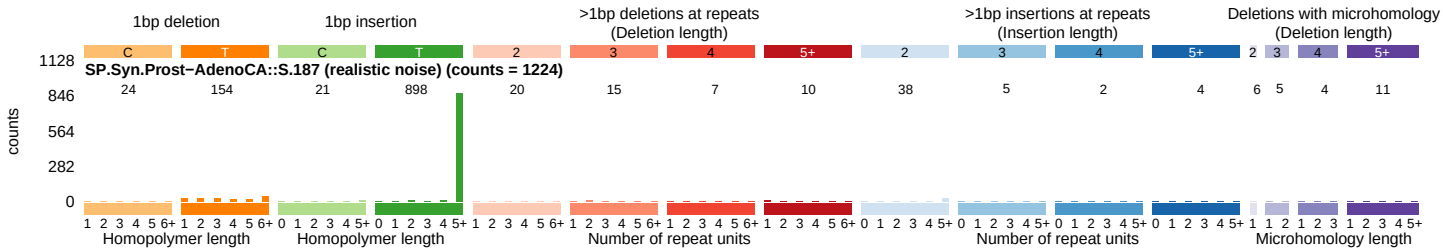
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.186 (realistic noise) (counts = 542)
54 159 6 140 30 15 6 12 11 6 3 1 13 8 7 71
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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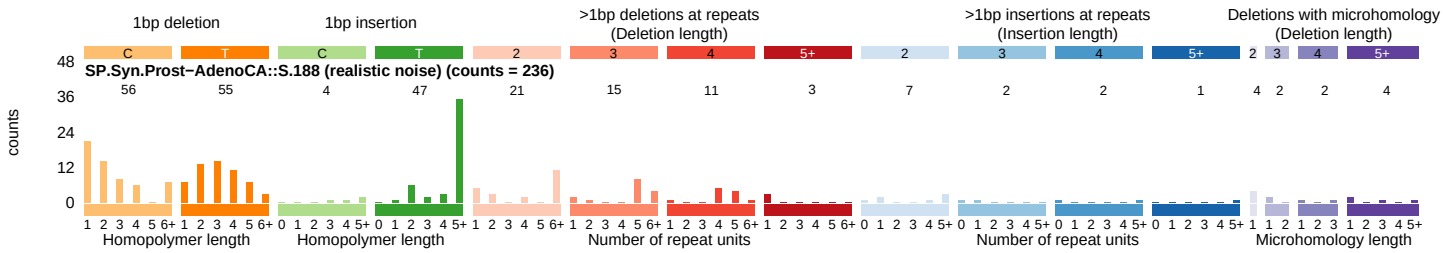
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.187 (realistic noise) (counts = 1224)
24 154 21 898 20 15 7 10 38 5 2 4 6 5 4 11
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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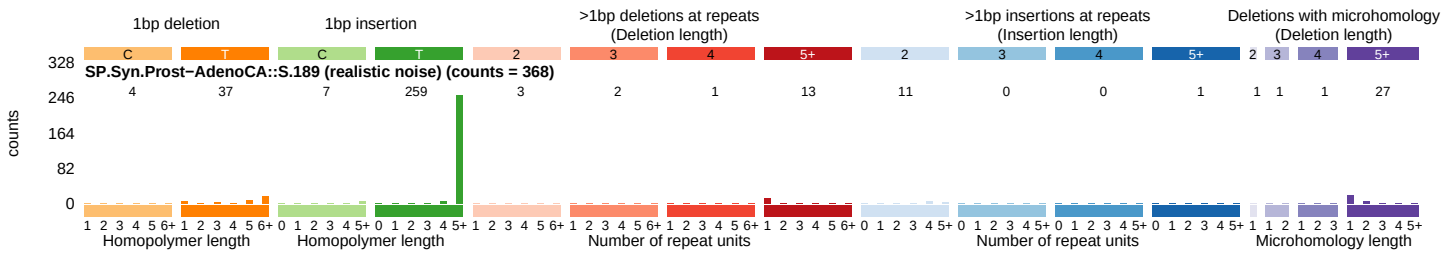
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.188 (realistic noise) (counts = 236)
56 55 4 47 21 15 11 3 7 2 2 1 4 2 2 4
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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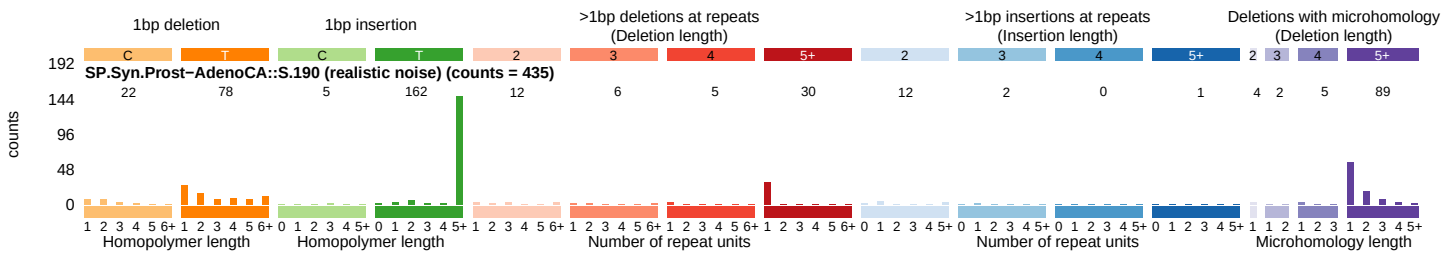
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.189 (realistic noise) (counts = 368)
4 37 7 259 3 2 1 13 11 0 0 1 1 1 1 27
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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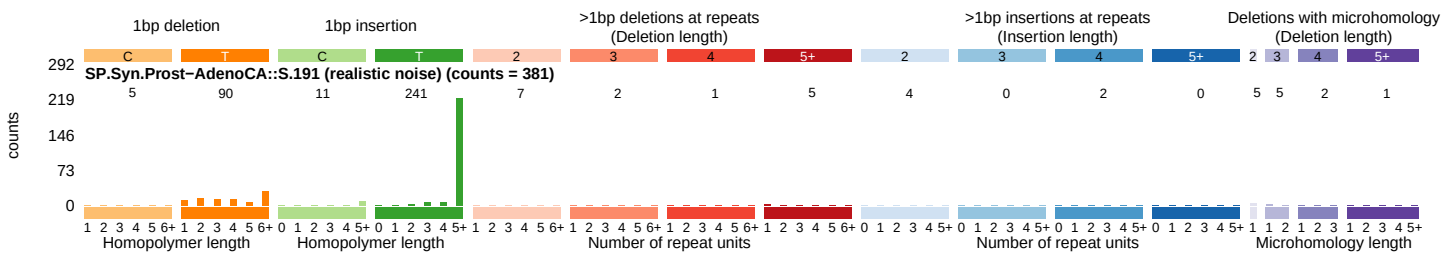
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.190 (realistic noise) (counts = 435)
22 78 5 162 12 6 5 30 12 2 0 1 4 2 5 89
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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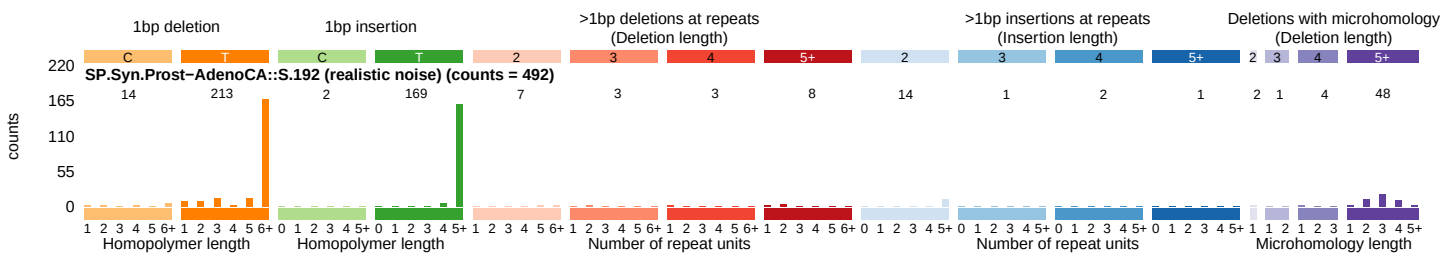
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.191 (realistic noise) (counts = 381)
5 90 11 241 7 2 1 5 4 0 2 0 5 5 2 1
counts
Homopolymer length
Number of repeat units
Microhomology length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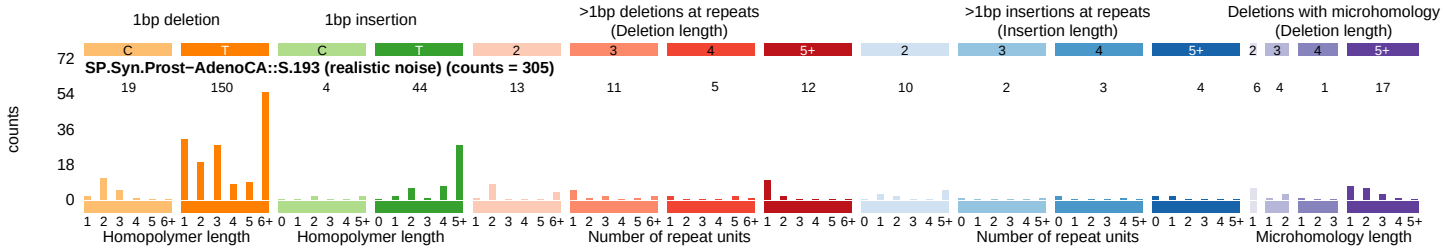
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.192 (realistic noise) (counts = 492)
14 213 2 169 7 3 3 8 14 1 2 1 2 1 4 48
counts
Homopolymer length
Number of repeat units
Microhomology length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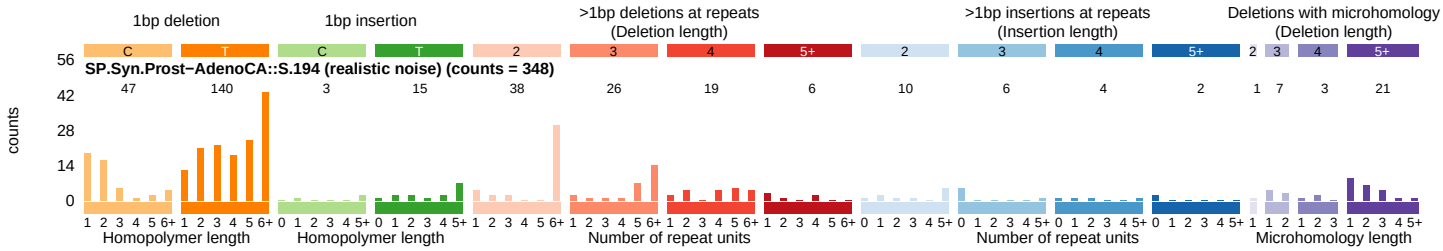
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.193 (realistic noise) (counts = 305)
counts
Homopolymer length
Number of repeat units
Microhomology length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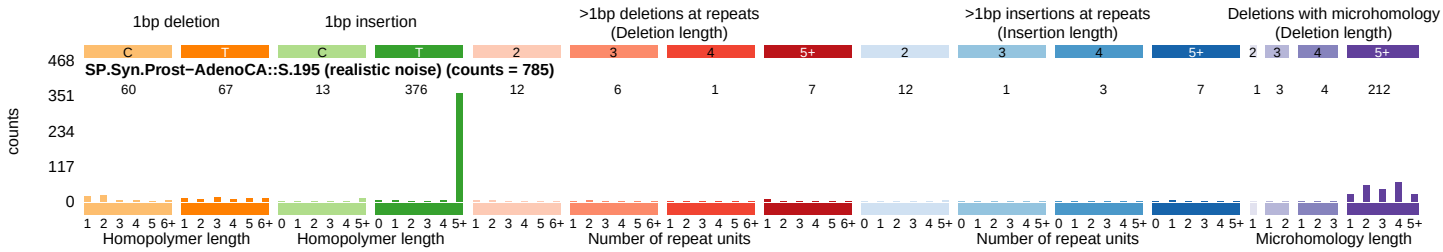
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.194 (realistic noise) (counts = 348)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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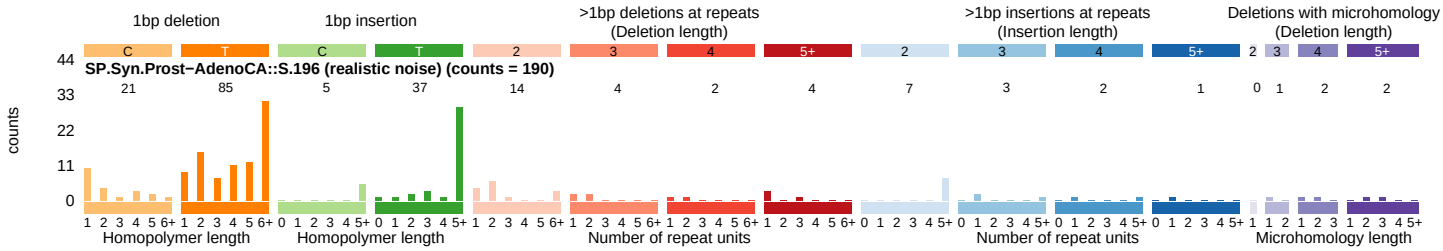
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.195 (realistic noise) (counts = 785)
counts
Homopolymer length
Number of repeat units
Microhomology length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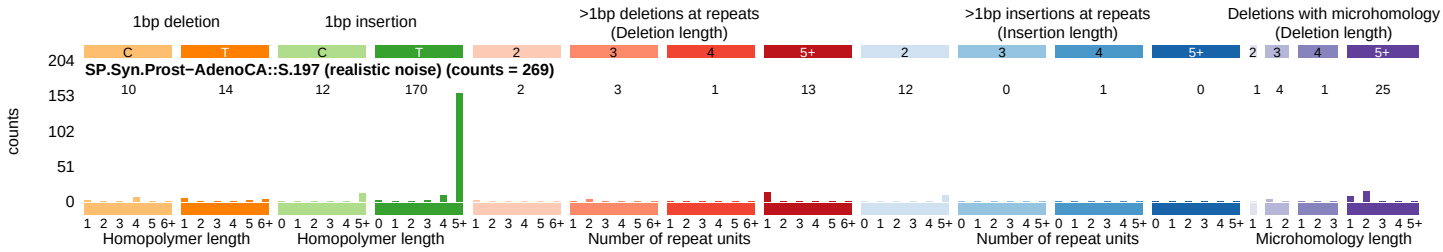
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.196 (realistic noise) (counts = 190)
counts
Homopolymer length
Number of repeat units
Microhomology length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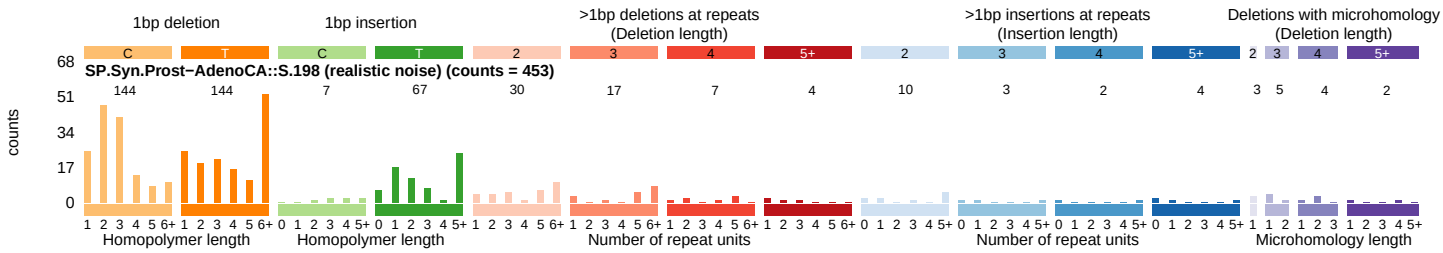
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.197 (realistic noise) (counts = 269)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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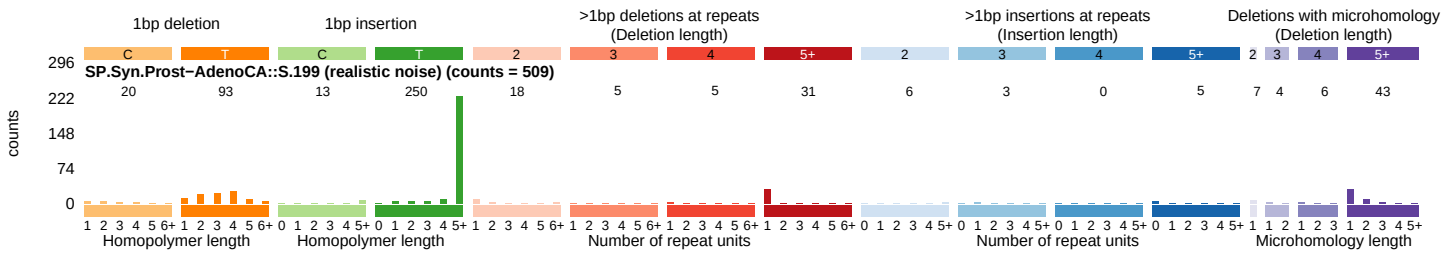
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.198 (realistic noise) (counts = 453)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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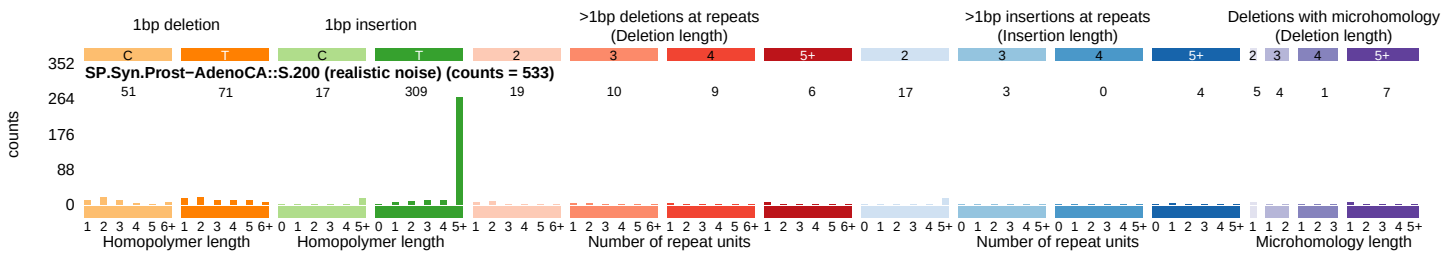
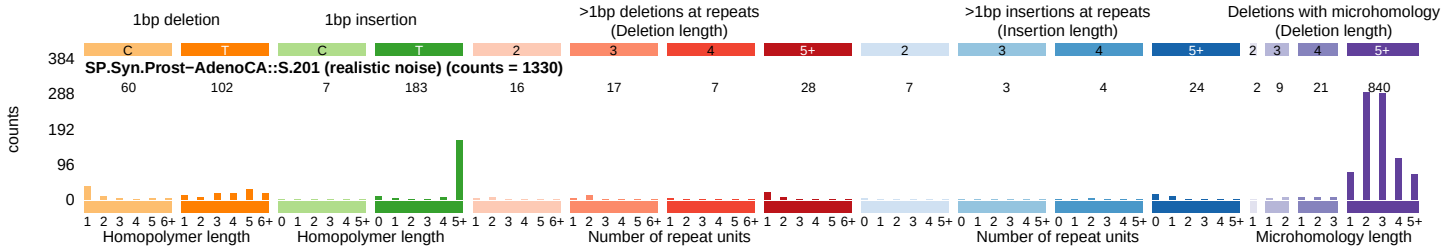
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.199 (realistic noise) (counts = 509)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (realistic noise) (counts = 533)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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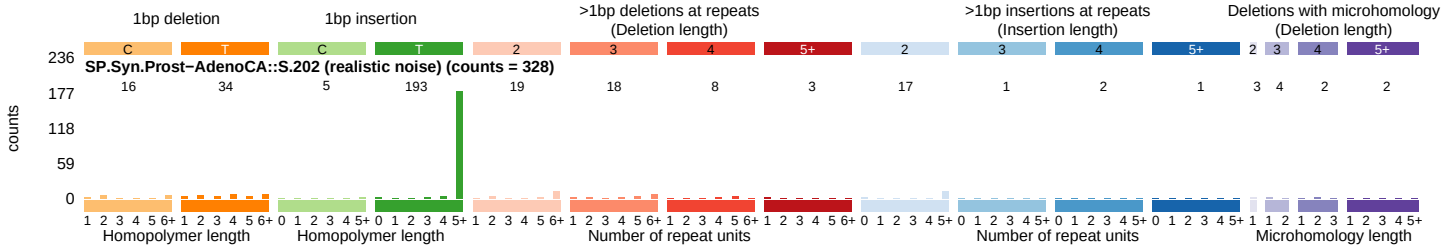
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.201 (realistic noise) (counts = 1330)
60 102 7 183 16 17 7 28 7 3 4 24 2 9 21 840
counts
384 288 192 96 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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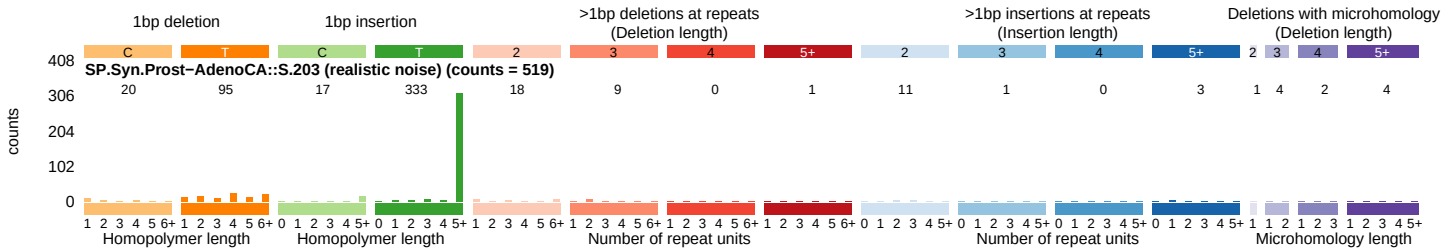
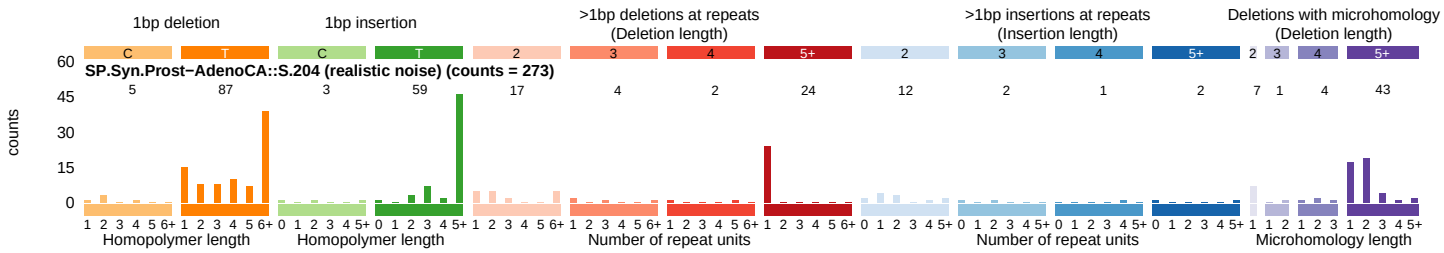
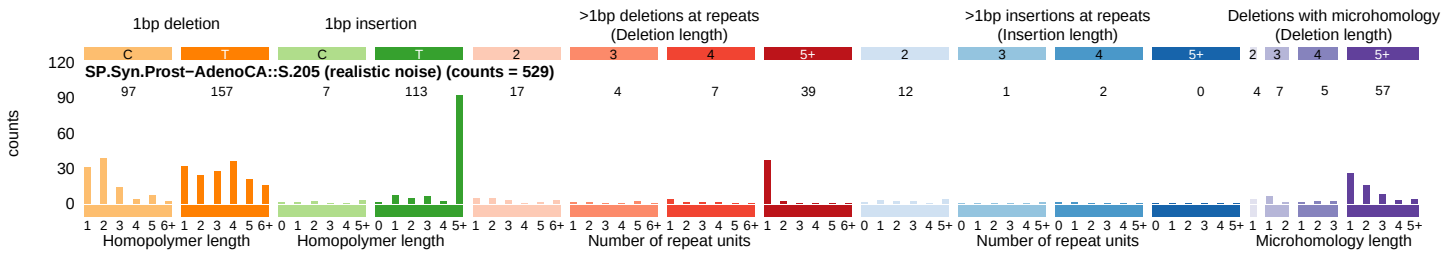
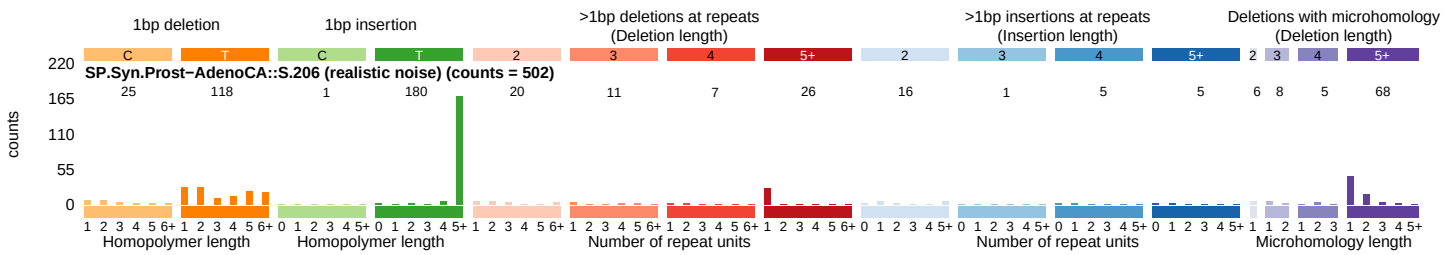
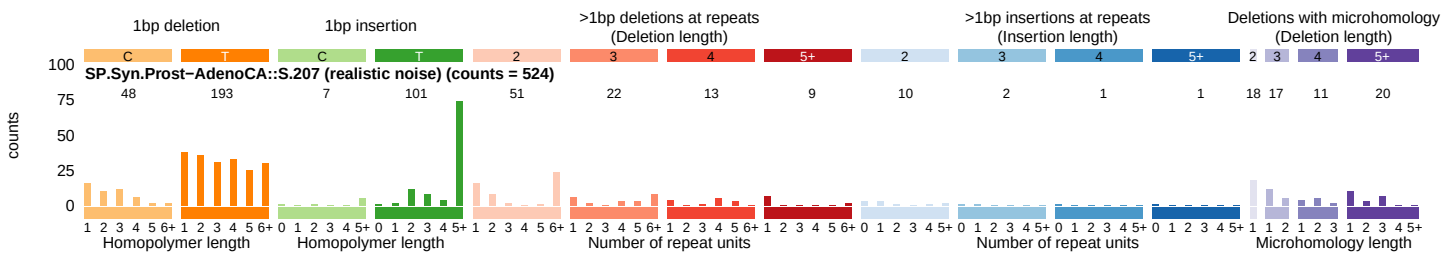
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.202 (realistic noise) (counts = 328)
16 34 5 193 19 18 8 3 17 1 2 1 3 4 2 2
counts
236 177 118 59 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

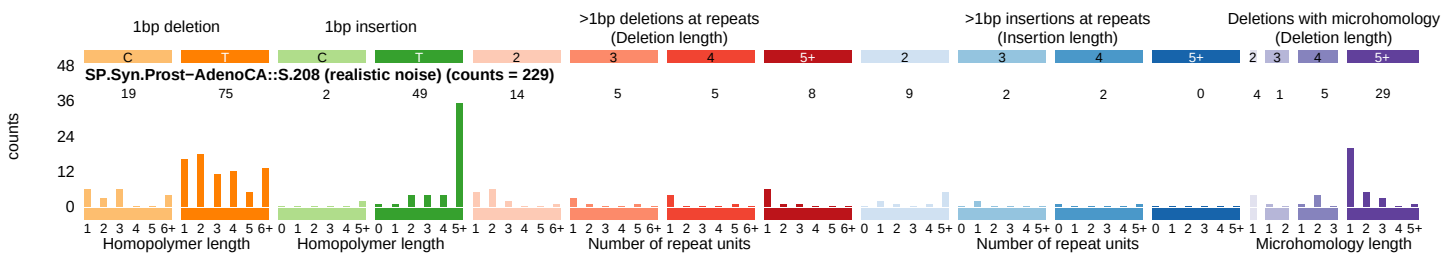

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.203 (realistic noise) (counts = 519)
20 95 17 333 18 9 0 1 11 1 0 3 1 4 2 4
counts
408 306 204 102 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

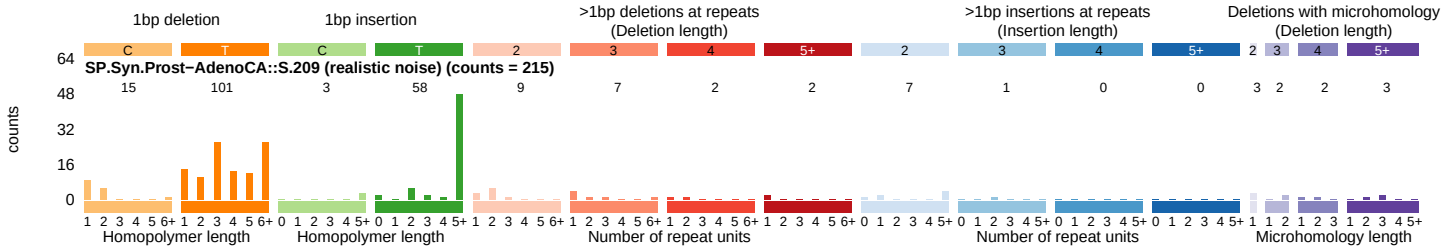

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.204 (realistic noise) (counts = 273)
5 87 3 59 17 4 2 24 12 2 1 2 7 1 4 43
counts
60 45 30 15 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

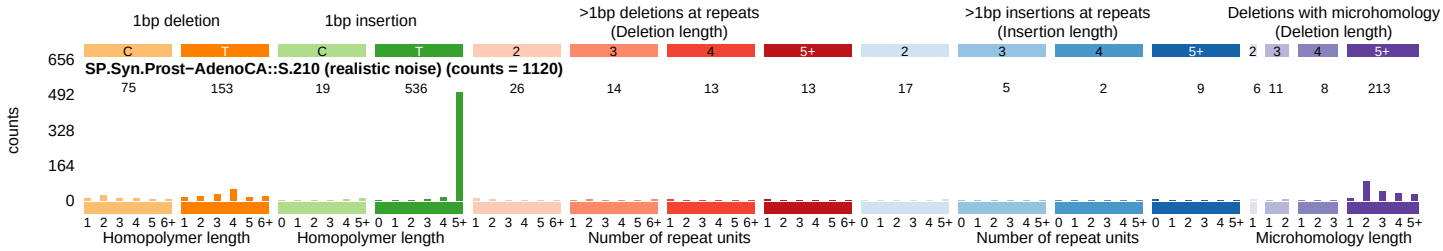

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.205 (realistic noise) (counts = 529)
97 157 7 113 17 4 7 39 12 1 2 0 4 7 5 57
counts
120 90 60 30 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

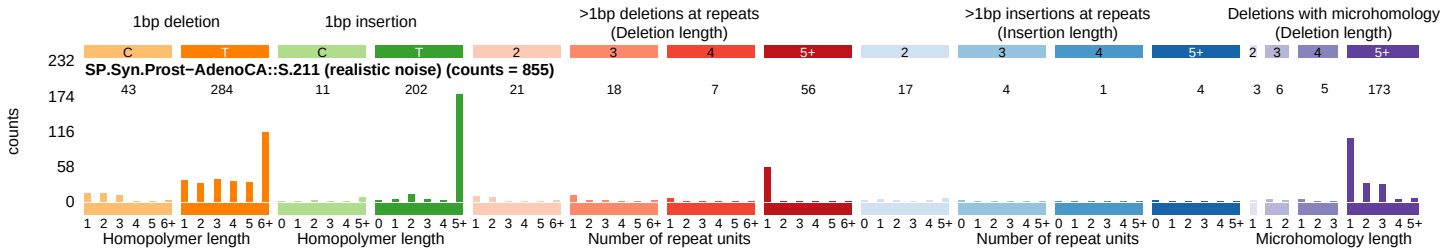

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.206 (realistic noise) (counts = 502)
25 118 1 180 20 11 7 26 16 1 5 5 6 8 5 68
counts
220 165 110 55 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

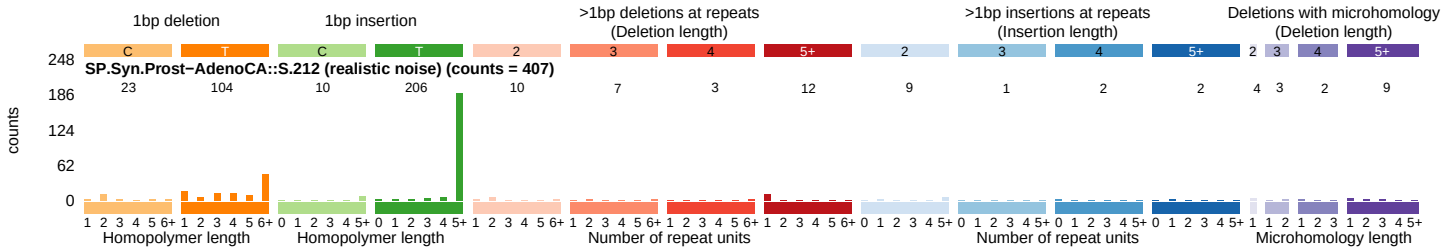

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.207 (realistic noise) (counts = 524)
48 193 7 101 51 22 13 9 10 2 1 1 18 17 11 20
counts
100 75 50 25 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

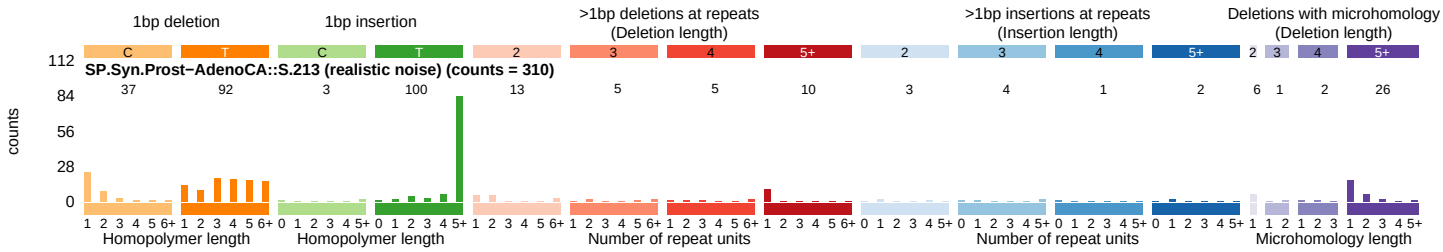

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Prost−AdenoCA::S.208 (realistic noise) (counts = 229)
19 75 2 49 14 5 5 8 9 2 2 0 4 1 5 29
counts
48 36 24 12 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

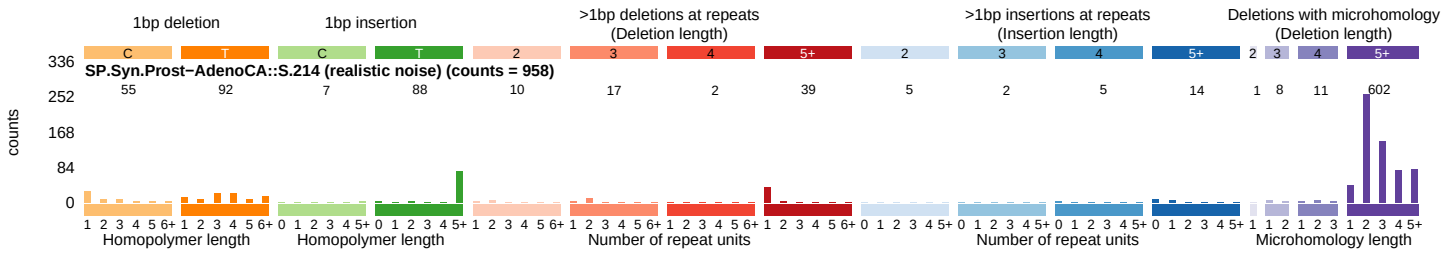

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.209 (realistic noise) (counts = 215)
counts
Homopolymer length
Number of repeat units
Microhomology length

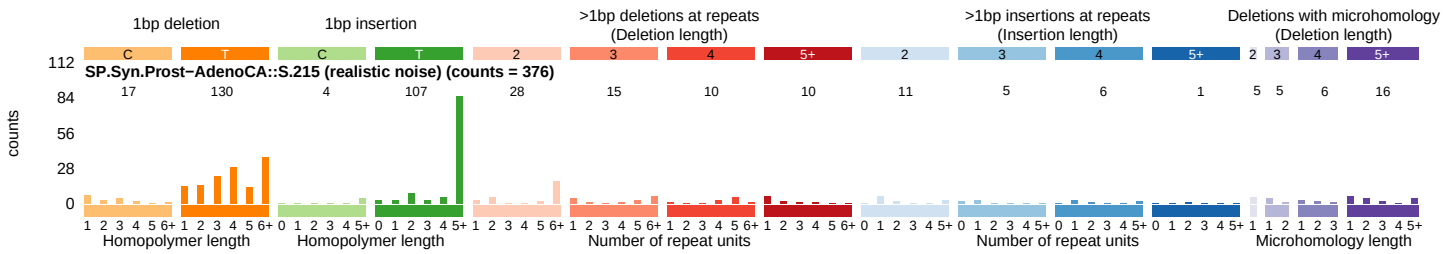

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.210 (realistic noise) (counts = 1120)
counts
Homopolymer length
Number of repeat units
Microhomology length

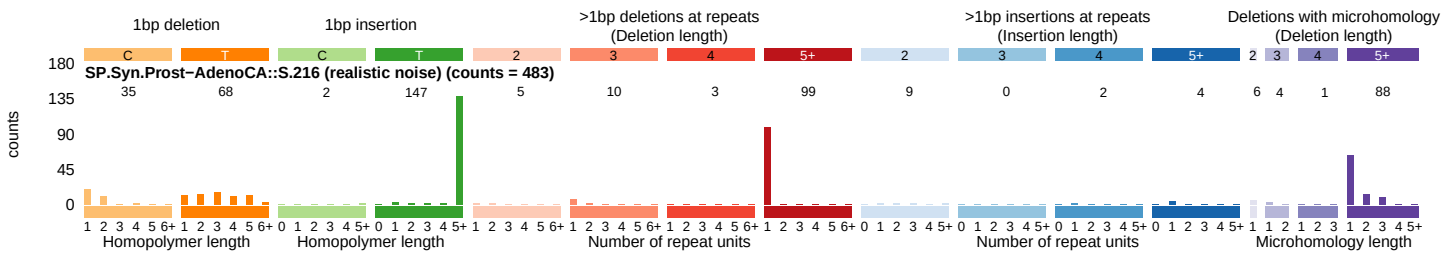

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.211 (realistic noise) (counts = 855)
counts
Homopolymer length
Number of repeat units
Microhomology length

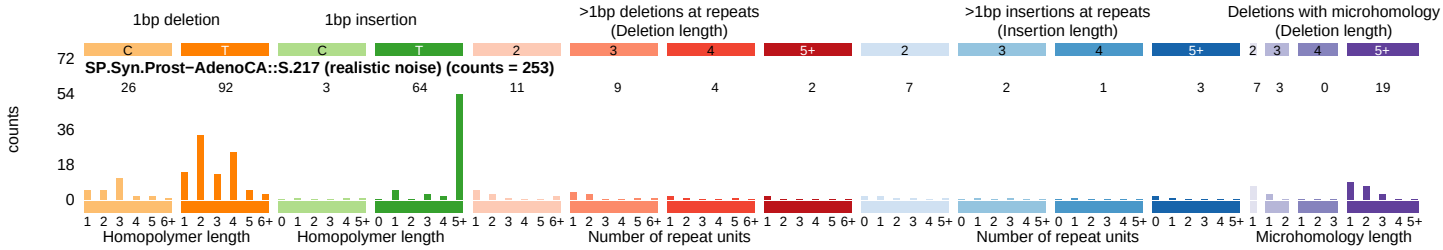

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.212 (realistic noise) (counts = 407)
counts
Homopolymer length
Number of repeat units
Microhomology length

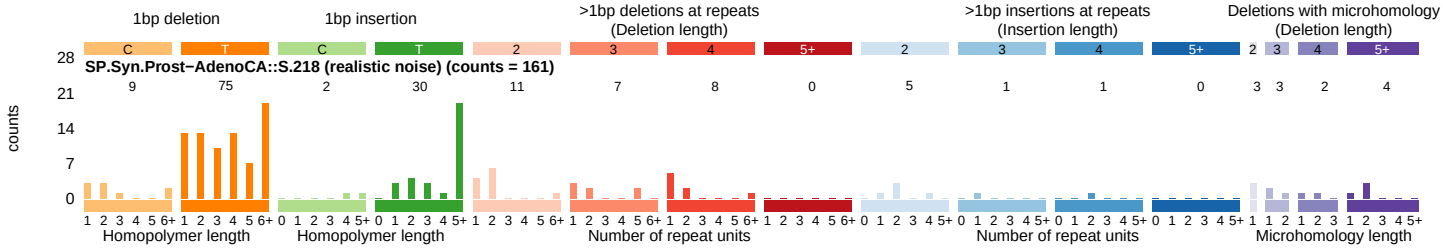

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.213 (realistic noise) (counts = 310)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.214 (realistic noise) (counts = 958)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 376)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic 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.217 (realistic noise) (counts = 253)
counts
Homopolymer length
Number of repeat units
Microhomology length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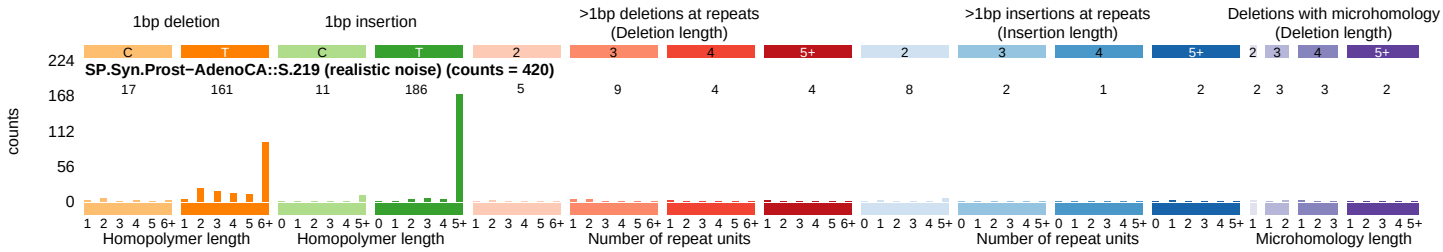
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.218 (realistic noise) (counts = 161)
counts
Homopolymer length
Number of repeat units
Microhomology length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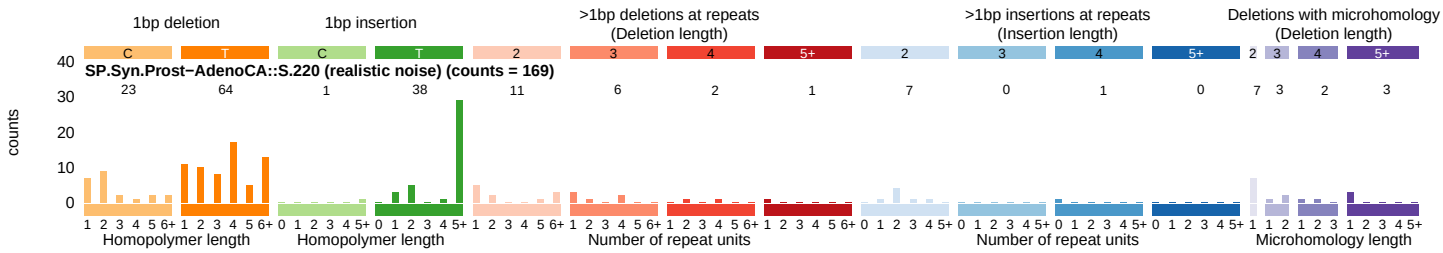
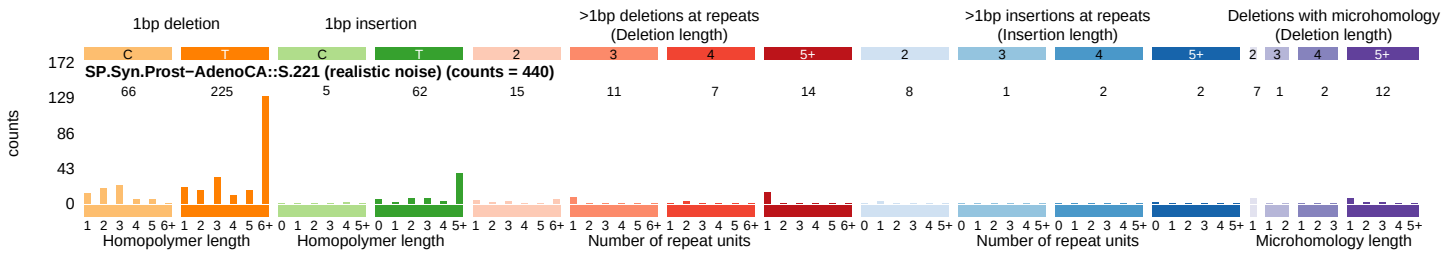
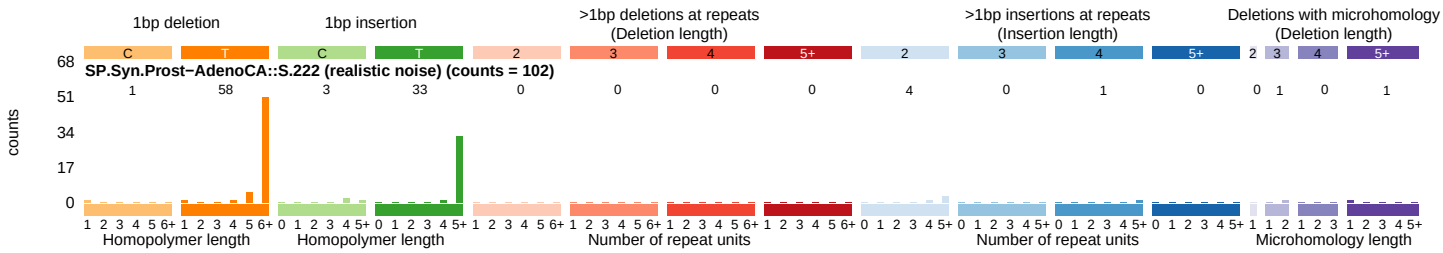
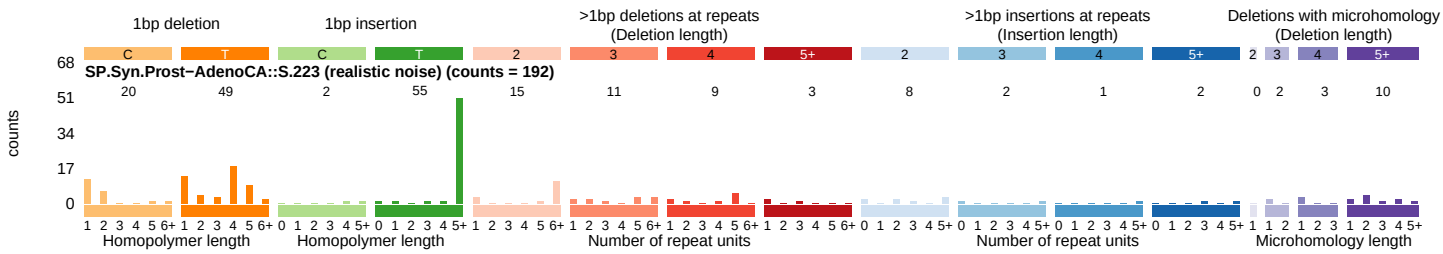
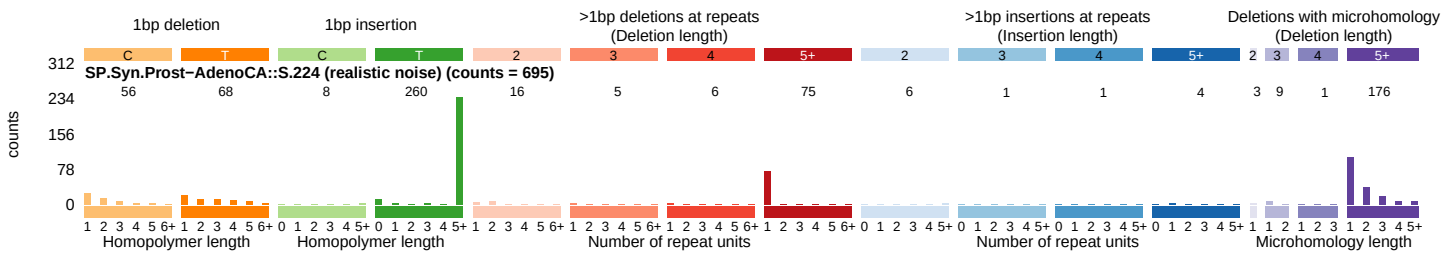
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.219 (realistic noise) (counts = 420)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.220 (realistic 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.Prost−AdenoCA::S.221 (realistic noise) (counts = 440)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 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.Prost−AdenoCA::S.223 (realistic noise) (counts = 192)
counts
Homopolymer length
Number of repeat units
Microhomology length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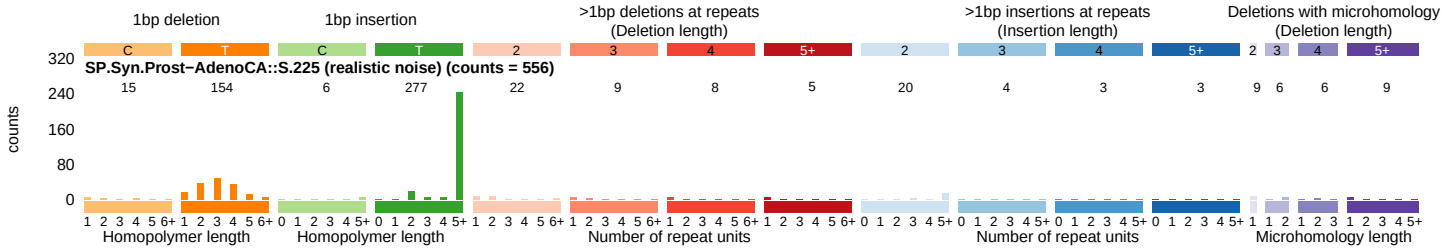
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.224 (realistic noise) (counts = 695)
counts
Homopolymer length
Number of repeat units
Microhomology length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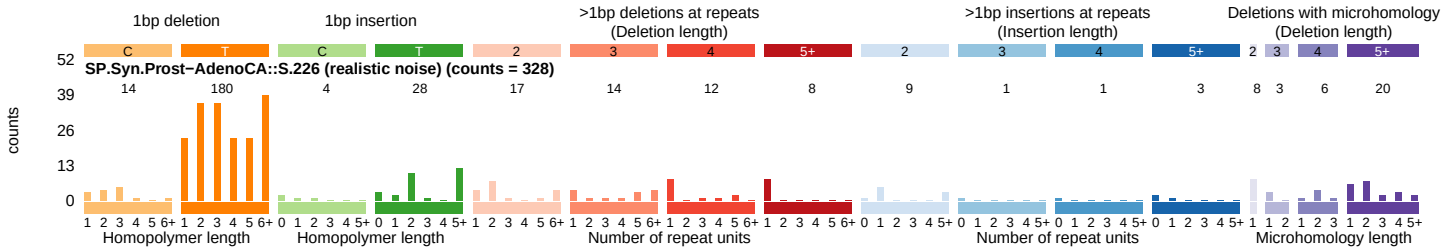
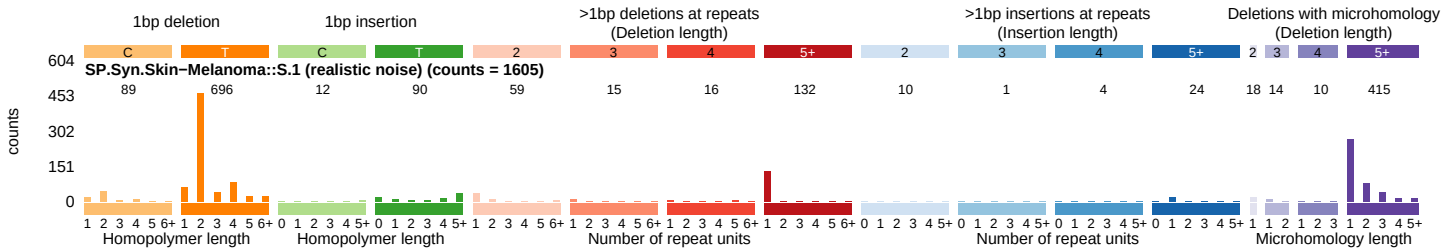
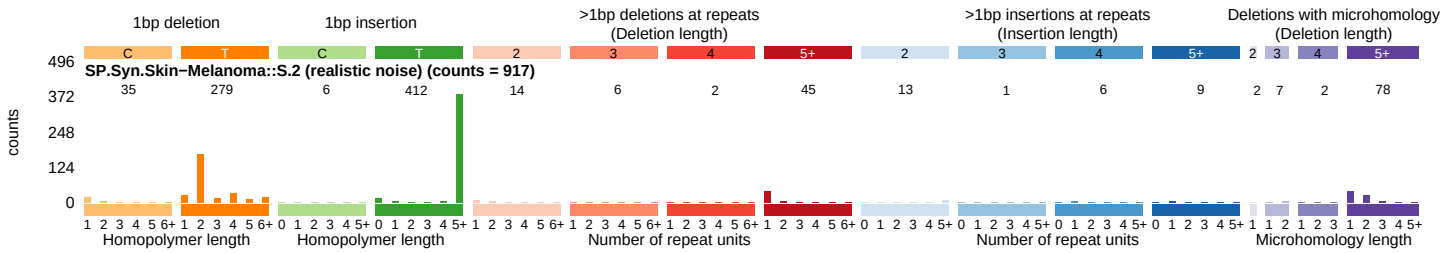
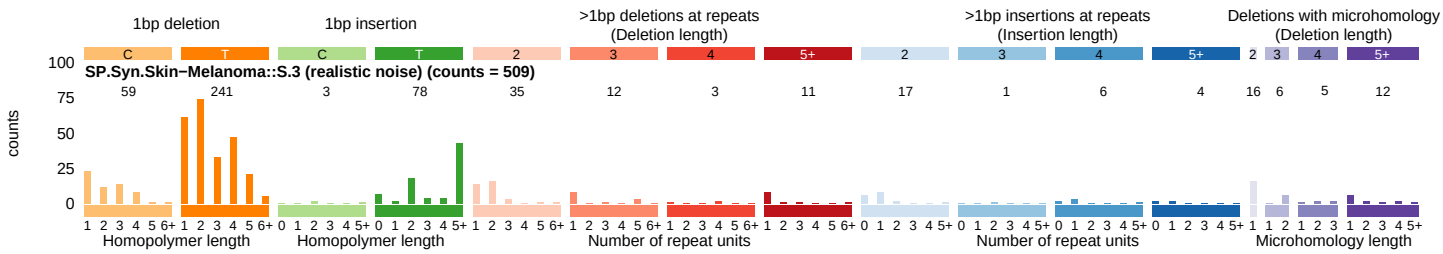
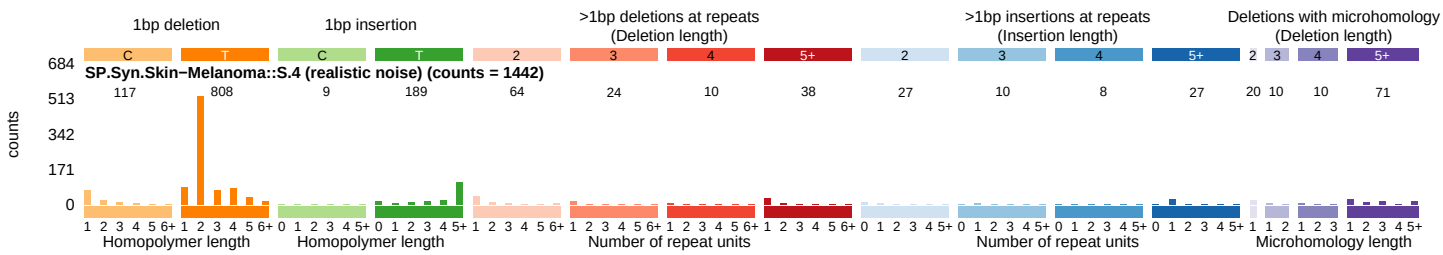
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.225 (realistic noise) (counts = 556)
counts
Homopolymer length
Number of repeat units
Microhomology length

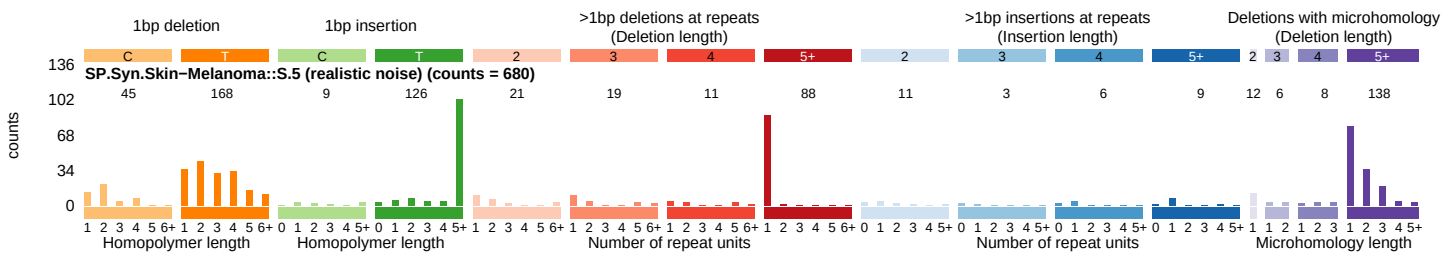

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Prost−AdenoCA::S.226 (realistic noise) (counts = 328)
counts
Homopolymer length
Number of repeat units
Microhomology length

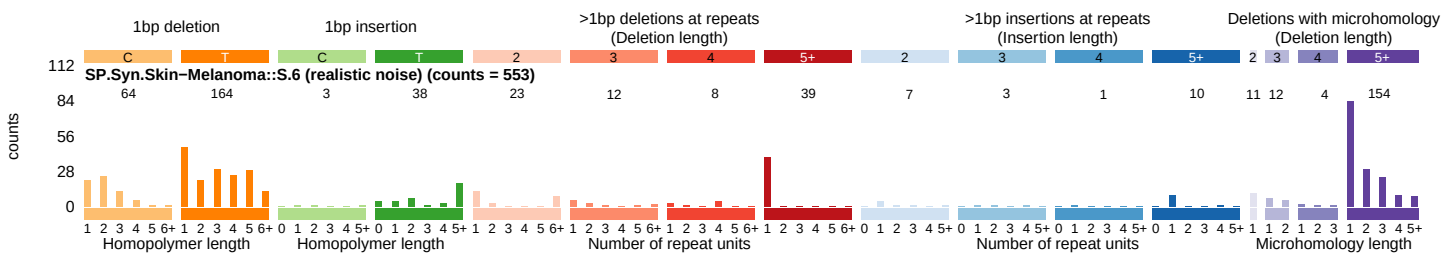

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.1 (realistic noise) (counts = 1605)
counts
Homopolymer length
Number of repeat units
Microhomology length

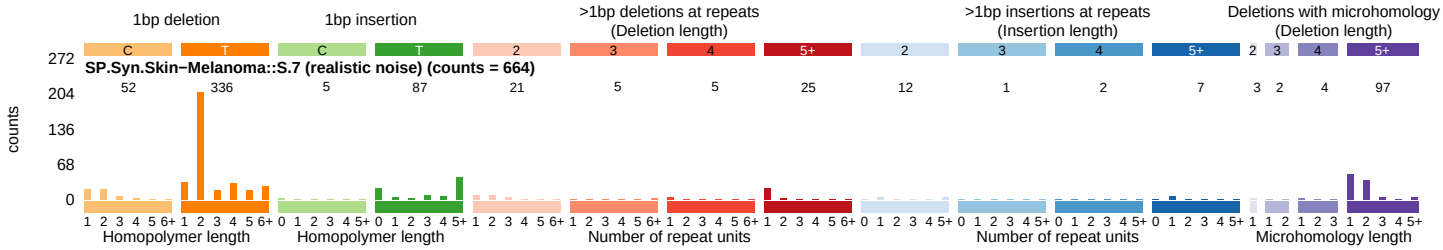

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.2 (realistic noise) (counts = 917)
counts
Homopolymer length
Number of repeat units
Microhomology length

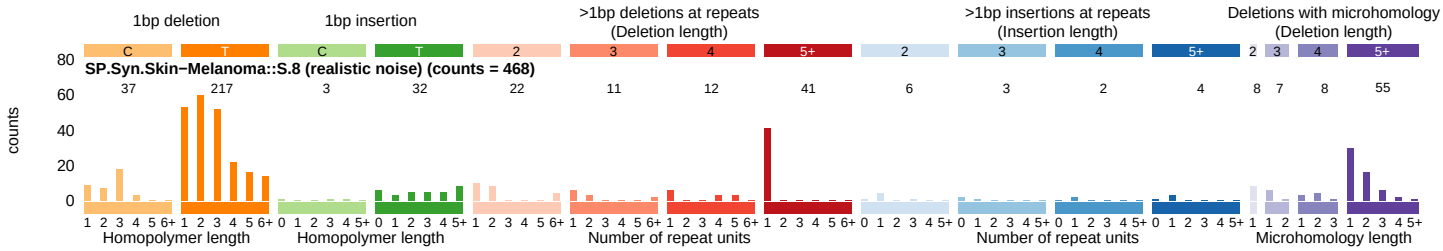

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.3 (realistic noise) (counts = 509)
counts
Homopolymer length
Number of repeat units
Microhomology length

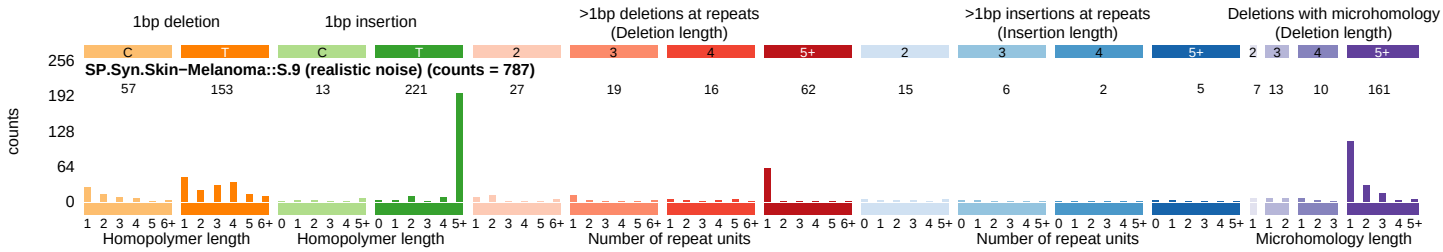

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.4 (realistic noise) (counts = 1442)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (realistic noise) (counts = 680)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.6 (realistic noise) (counts = 553)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion 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.7 (realistic noise) (counts = 664)
52 336 5 87 21 5 5 25 12 1 2 7 3 2 4 97
counts
272 204 136 68 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.8 (realistic noise) (counts = 468)
37 217 3 32 22 11 12 41 6 3 2 4 8 7 8 55
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
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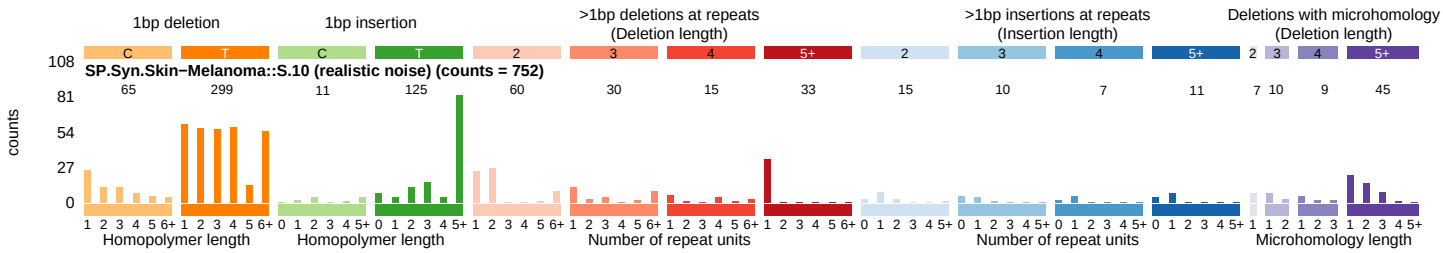
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.9 (realistic noise) (counts = 787)
57 153 13 221 27 19 16 62 15 6 2 5 7 13 10 161
counts
256 192 128 64 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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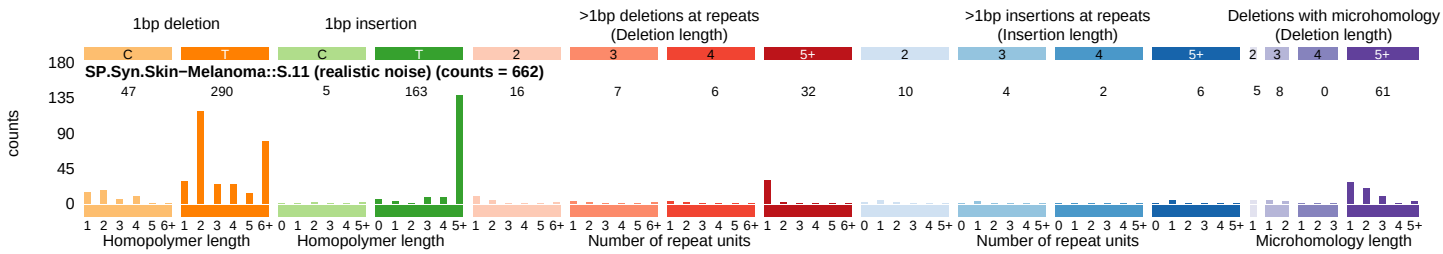
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.10 (realistic noise) (counts = 752)
65 299 11 125 60 30 15 33 15 10 7 11 7 10 9 45
counts
108 81 54 27 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 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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1bp insertion
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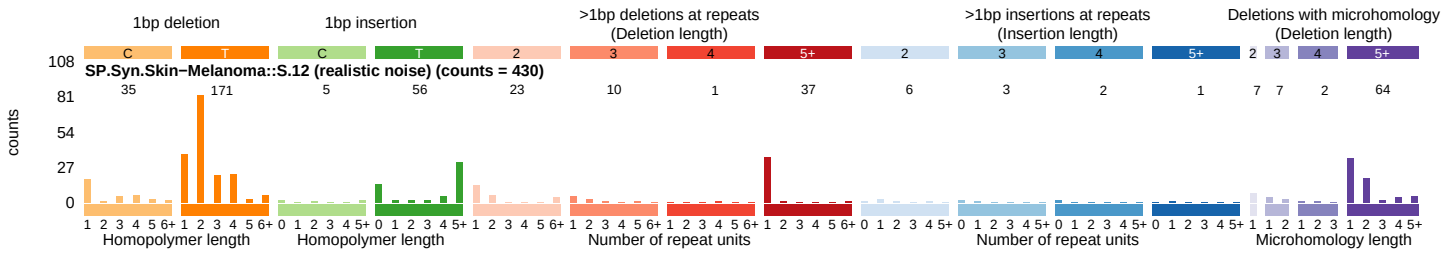
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.11 (realistic noise) (counts = 662)
47 290 5 163 16 7 6 32 10 4 2 6 5 8 0 61
counts
180 135 90 45 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 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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1bp insertion
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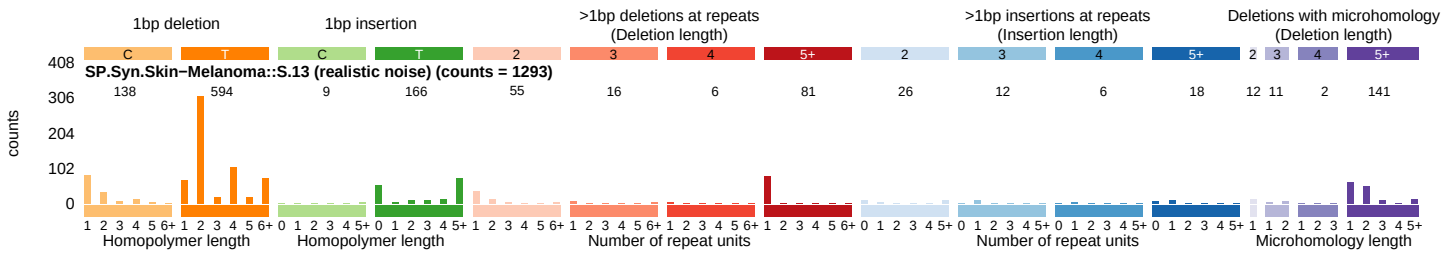
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.12 (realistic noise) (counts = 430)
35 171 5 56 23 10 1 37 6 3 2 1 7 7 2 64
counts
108 81 54 27 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 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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1bp insertion
>1bp deletions at repeats (Deletion length)
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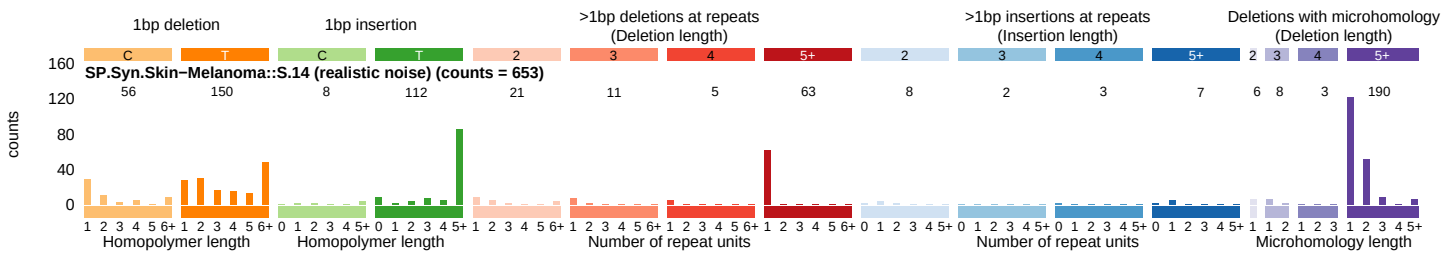
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.13 (realistic noise) (counts = 1293)
138 594 9 166 55 16 6 81 26 12 6 18 12 11 2 141
counts
408 306 204 102 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 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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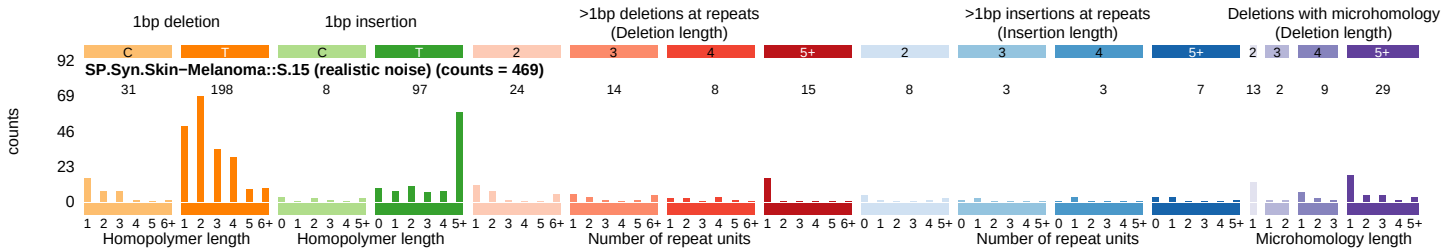
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.14 (realistic noise) (counts = 653)
56 150 8 112 21 11 5 63 8 2 3 7 6 8 3 190
counts
160 120 80 40 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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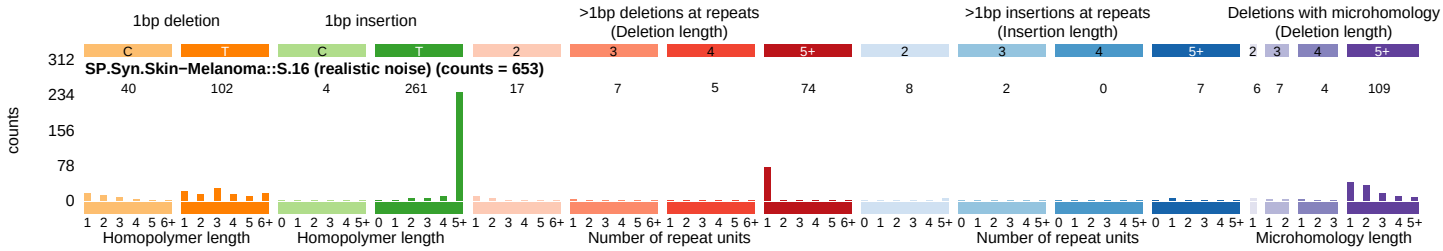
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.15 (realistic noise) (counts = 469)
31 198 8 97 24 14 8 15 8 3 3 7 13 2 9 29
counts
92 69 46 23 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 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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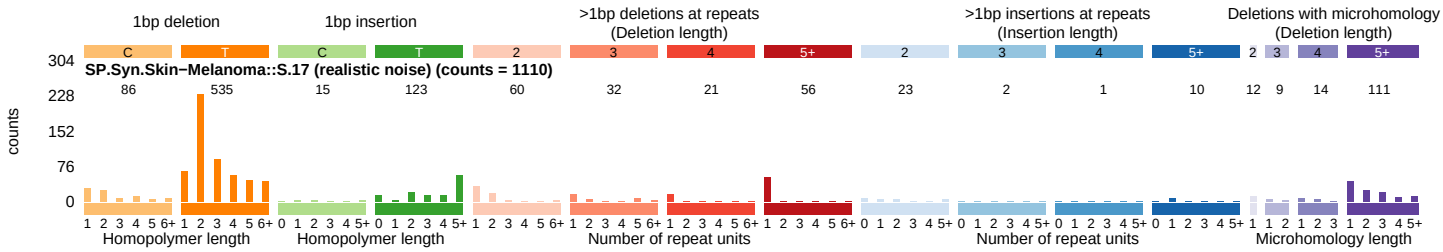
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.16 (realistic noise) (counts = 653)
40 102 4 261 17 7 5 74 8 2 0 7 6 7 4 109
counts
312 234 156 78 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 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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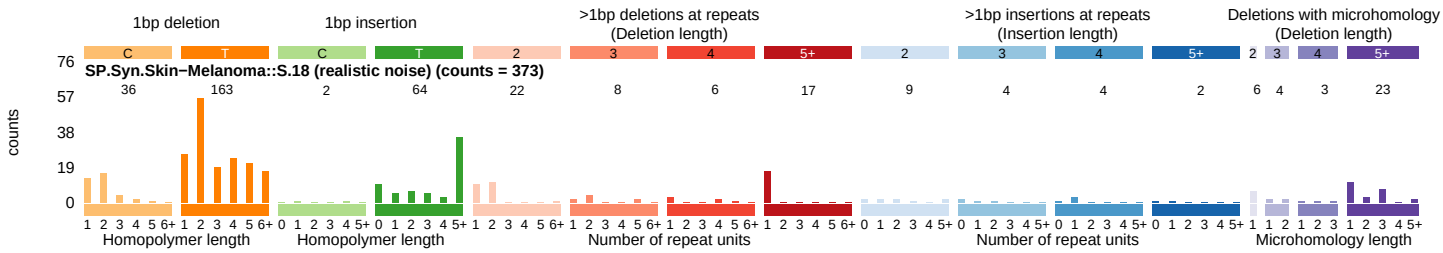
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.17 (realistic noise) (counts = 1110)
86 535 15 123 60 32 21 56 23 2 1 10 12 9 14 111
counts
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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1bp insertion
>1bp deletions at repeats (Deletion length)
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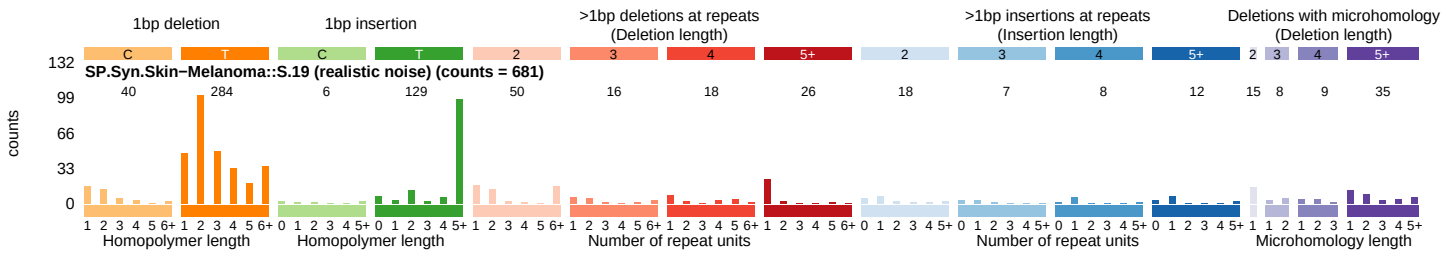
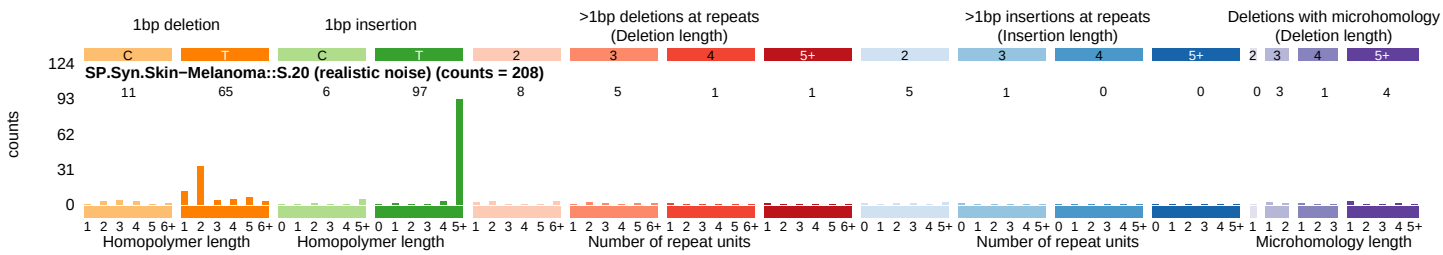
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.18 (realistic noise) (counts = 373)
36 163 2 64 22 8 6 17 9 4 4 2 6 4 3 23
counts
76 57 38 19 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 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.Skin−Melanoma::S.19 (realistic noise) (counts = 681)
40 284 6 129 50 16 18 26 18 7 8 12 15 8 9 35
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)
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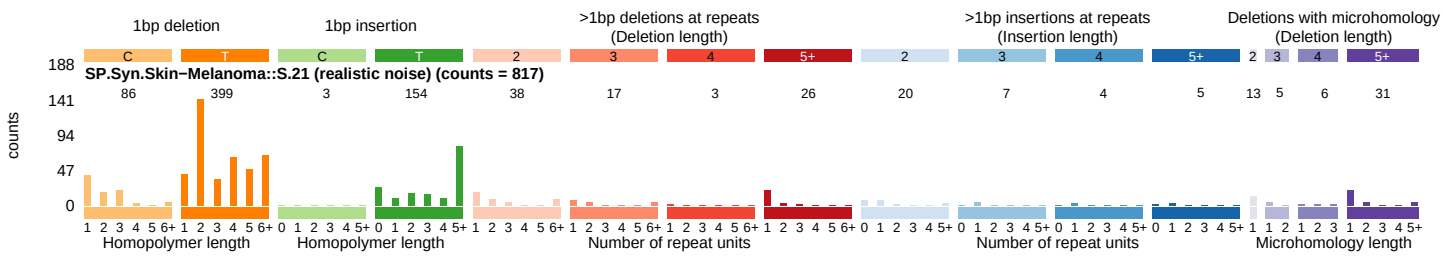
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.20 (realistic noise) (counts = 208)
11 65 6 97 8 5 1 1 5 1 0 0 0 3 1 4
counts
124 93 62 31 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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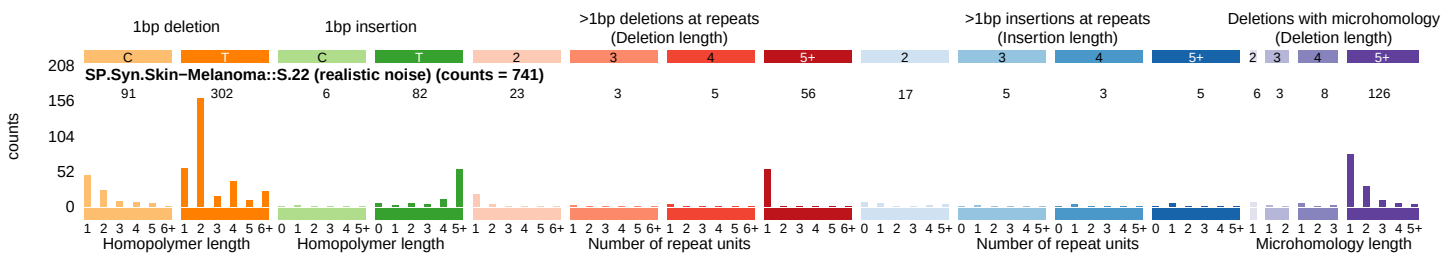
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.21 (realistic noise) (counts = 817)
86 399 3 154 38 17 3 26 20 7 4 5 13 5 6 31
counts
188 141 94 47 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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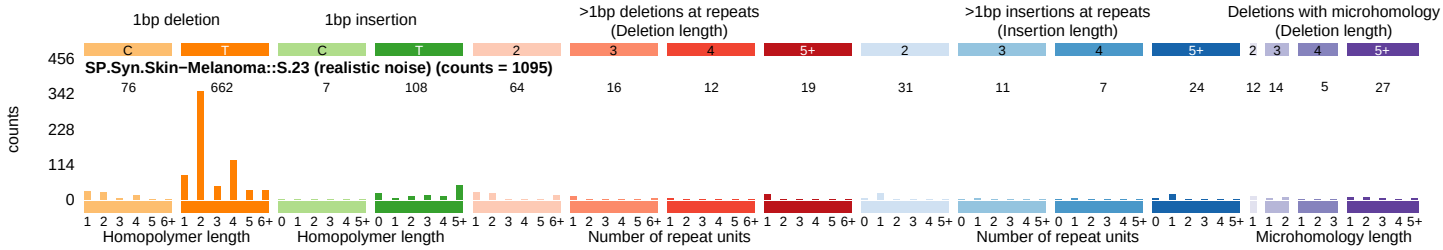
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.22 (realistic noise) (counts = 741)
91 302 6 82 23 3 5 56 17 5 3 5 6 3 8 126
counts
208 156 104 52 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 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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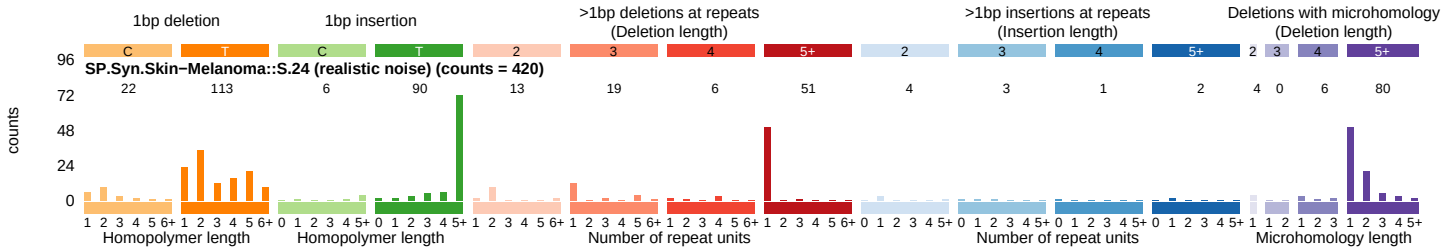
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.23 (realistic noise) (counts = 1095)
76 662 7 108 64 16 12 19 31 11 7 24 12 14 5 27
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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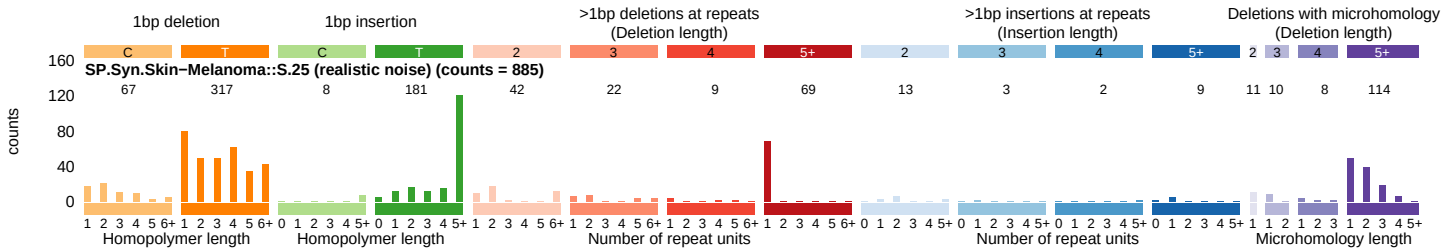
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.24 (realistic noise) (counts = 420)
22 113 6 90 13 19 6 51 4 3 1 2 4 0 6 80
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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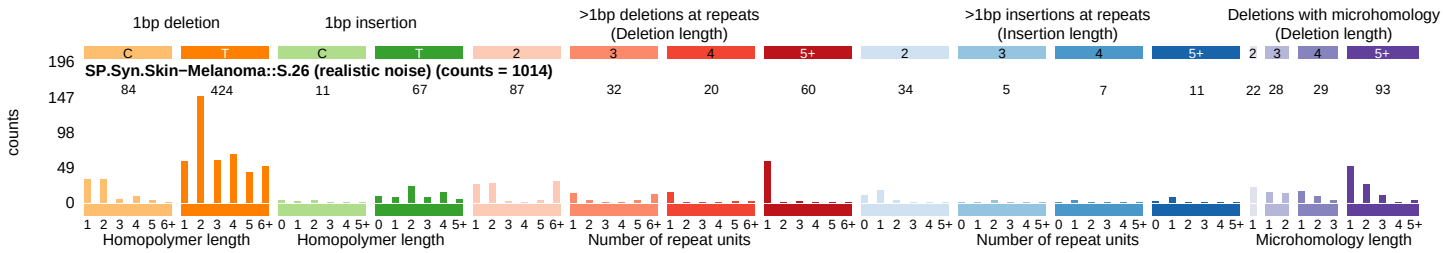
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.25 (realistic noise) (counts = 885)
67 317 8 181 42 22 9 69 13 3 2 9 11 10 8 114
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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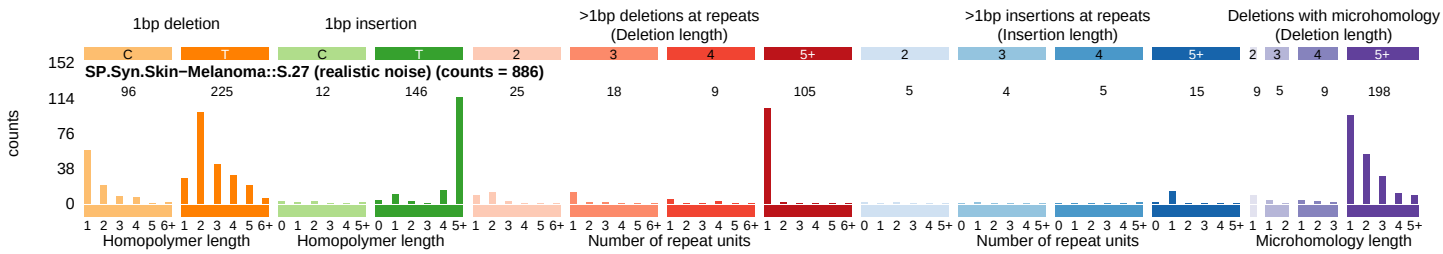
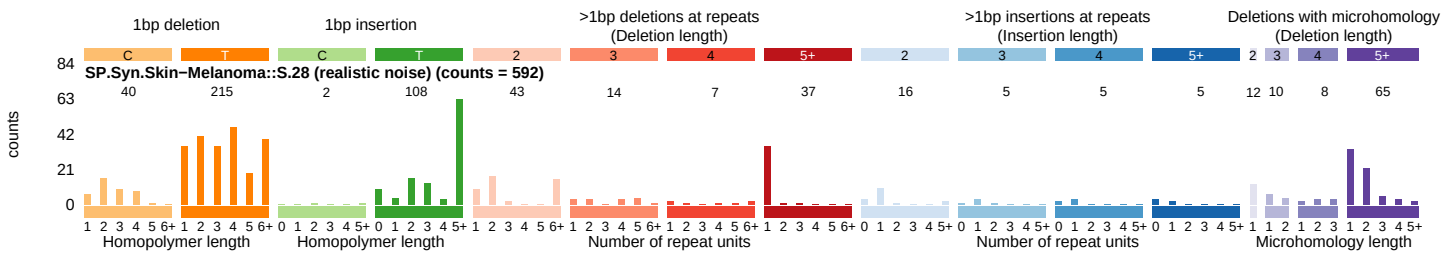
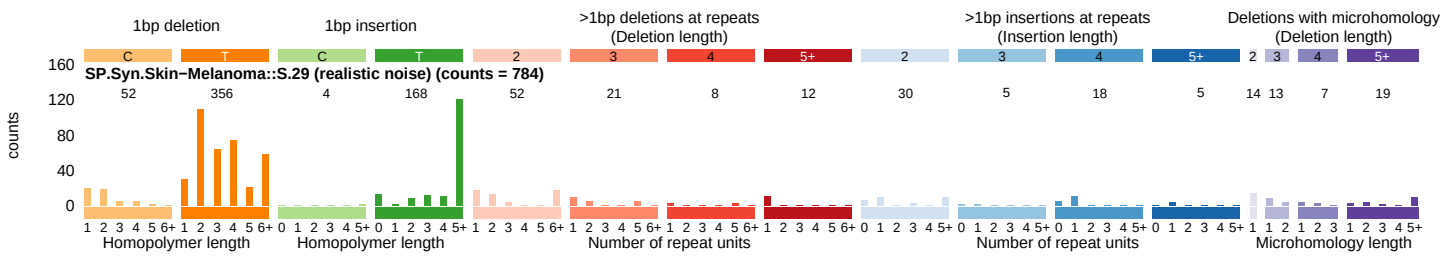
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.26 (realistic noise) (counts = 1014)
84 424 11 67 87 32 20 60 34 5 7 11 22 28 29 93
counts
Homopolymer length
Number of repeat units
Microhomology length


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.Skin−Melanoma::S.27 (realistic noise) (counts = 886)
96 225 12 146 25 18 9 105 5 4 5 15 9 5 9 198
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion 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 (realistic noise) (counts = 592)
40 215 2 108 43 14 7 37 16 5 5 5 12 10 8 65
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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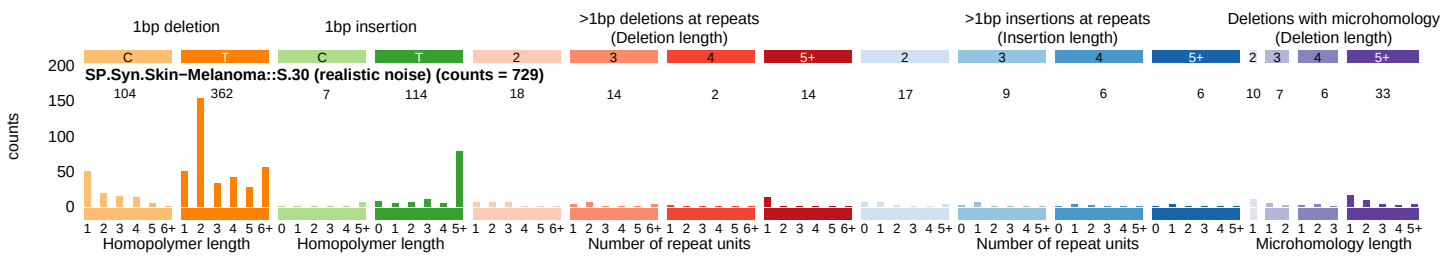
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.29 (realistic noise) (counts = 784)
52 356 4 168 52 21 8 12 30 5 18 5 14 13 7 19
counts
Homopolymer length
Number of repeat units
Microhomology length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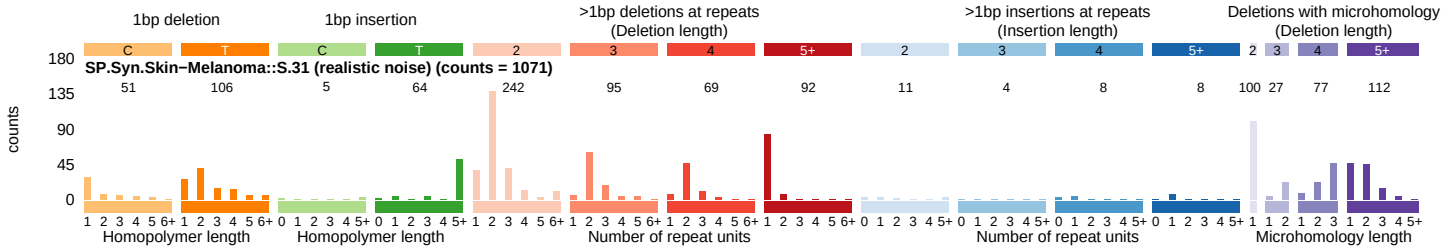
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.30 (realistic noise) (counts = 729)
104 362 7 114 18 14 2 14 17 9 6 6 10 7 6 33
counts
Homopolymer length
Number of repeat units
Microhomology length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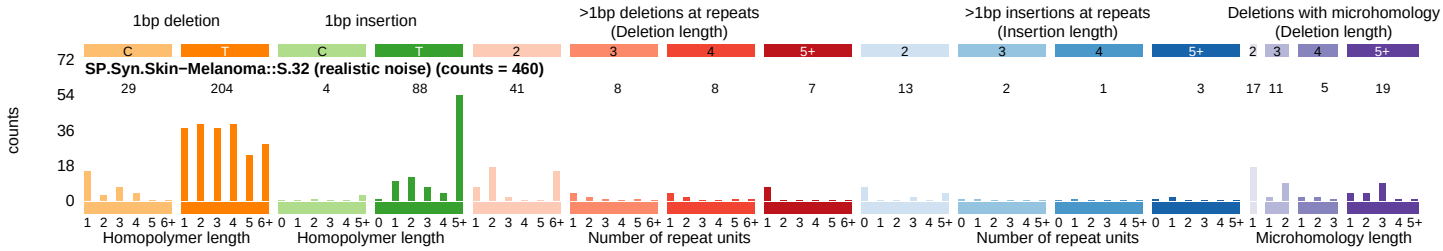
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.31 (realistic noise) (counts = 1071)
51 106 5 64 242 95 69 92 11 4 8 8 100 27 77 112
counts
Homopolymer length
Number of repeat units
Microhomology length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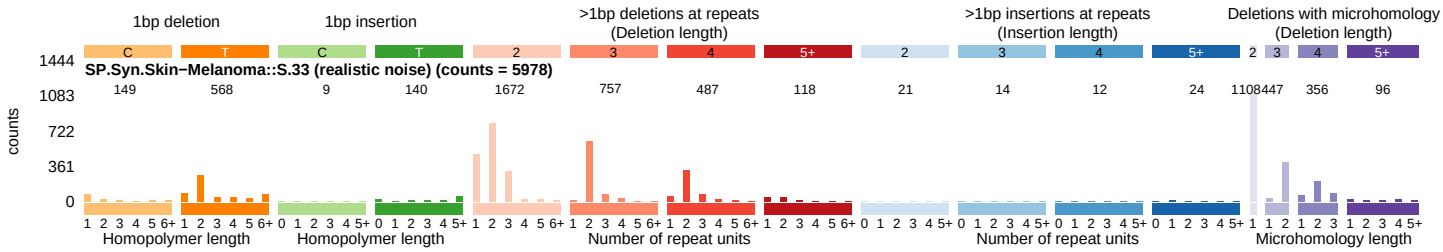
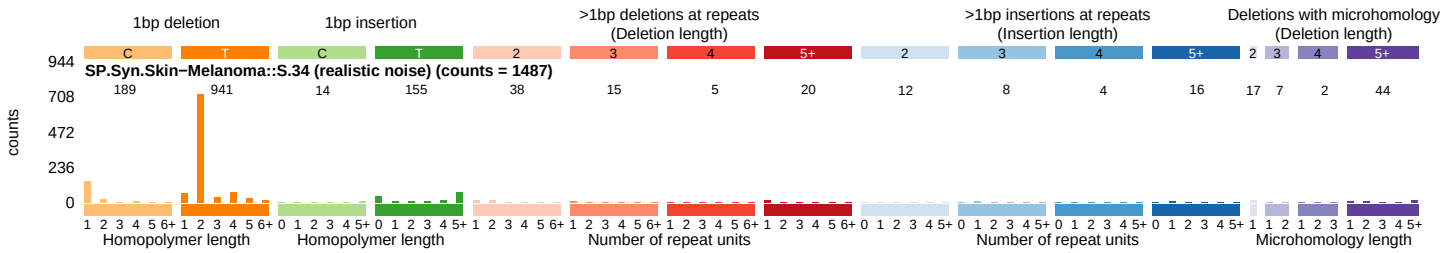
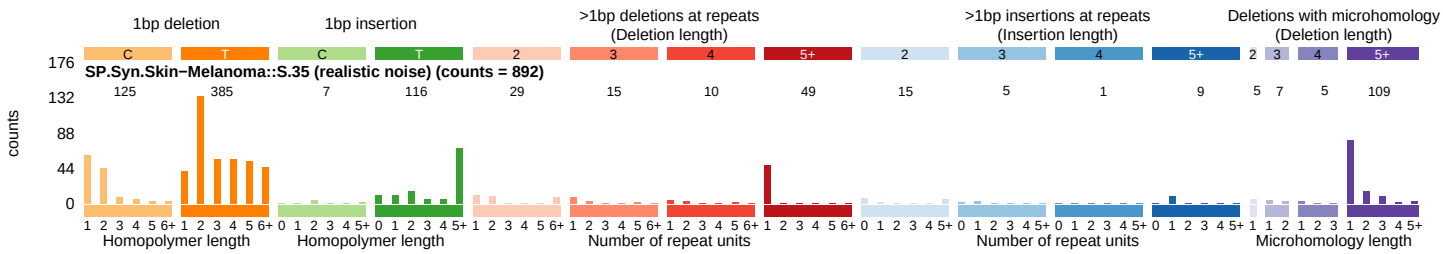
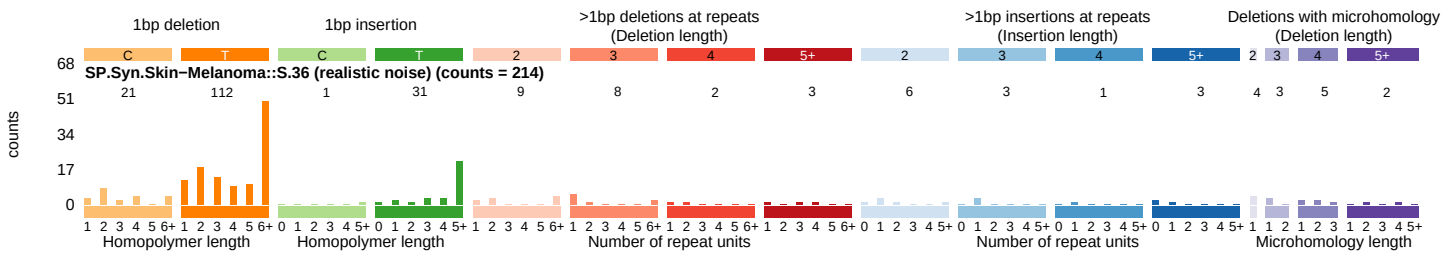
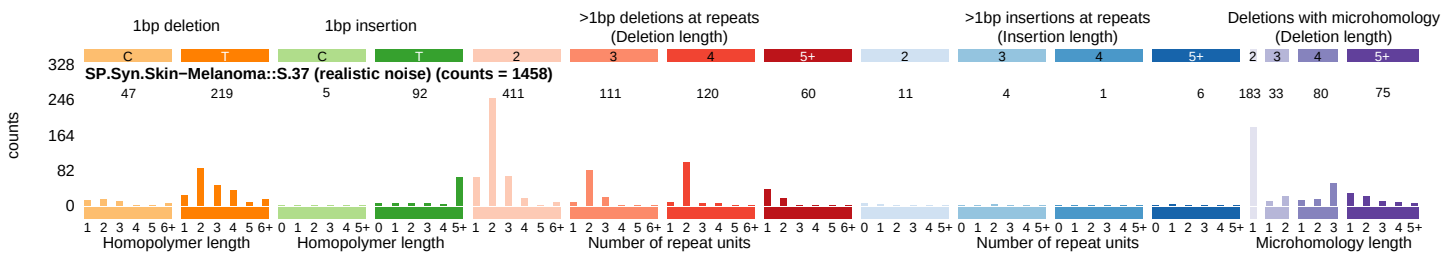
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.32 (realistic noise) (counts = 460)
29 204 4 88 41 8 8 7 13 2 1 3 17 11 5 19
counts
Homopolymer length
Number of repeat units
Microhomology length

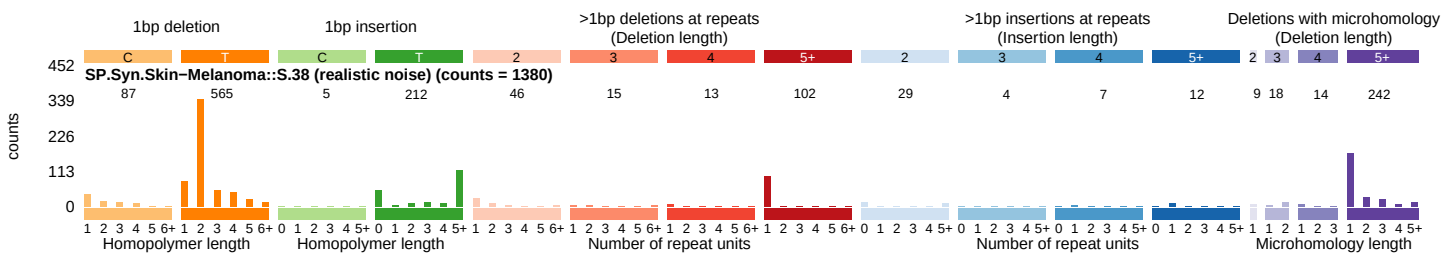

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.33 (realistic noise) (counts = 5978)
149 568 9 140 1672 757 487 118 21 14 12 24 1108 447 356 96
counts
Homopolymer length
Number of repeat units
Microhomology length

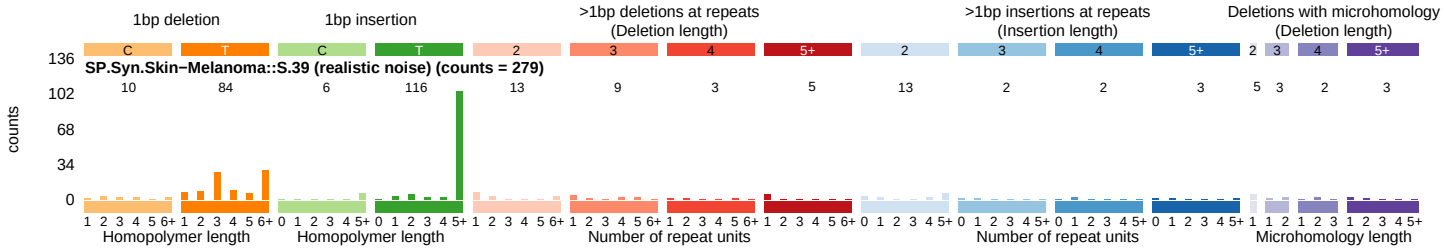

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.34 (realistic noise) (counts = 1487)
189 941 14 155 38 15 5 20 12 8 4 16 17 7 2 44
counts
Homopolymer length
Number of repeat units
Microhomology length

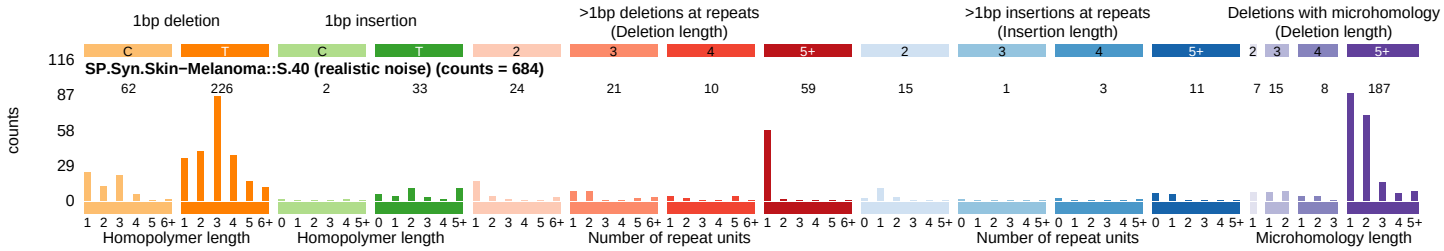

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.35 (realistic noise) (counts = 892)
125 385 7 116 29 15 10 49 15 5 1 9 5 7 5 109
counts
Homopolymer length
Number of repeat units
Microhomology length

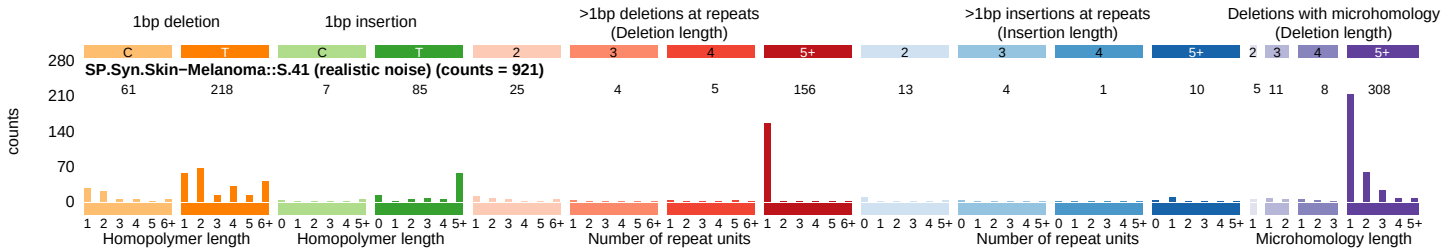

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.36 (realistic noise) (counts = 214)
21 112 1 31 9 8 2 3 6 3 1 3 4 3 5 2
counts
Homopolymer length
Number of repeat units
Microhomology length

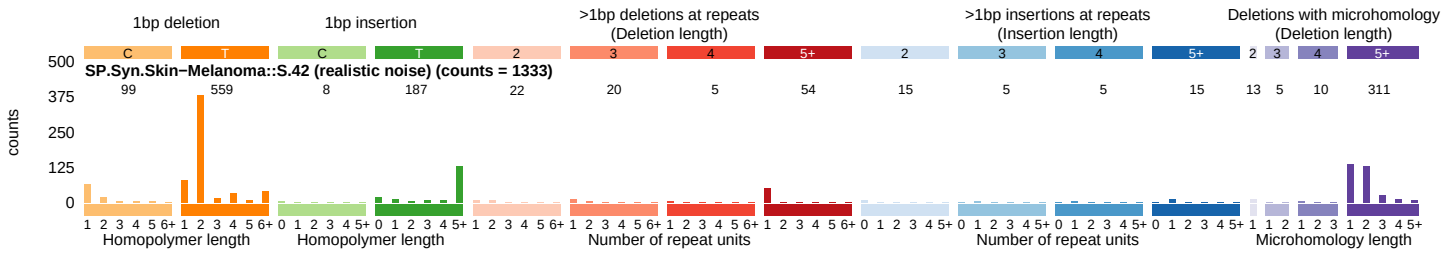

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.37 (realistic noise) (counts = 1458)
47 219 5 92 411 111 120 60 11 4 1 6 183 33 80 75
counts
Homopolymer length
Number of repeat units
Microhomology length

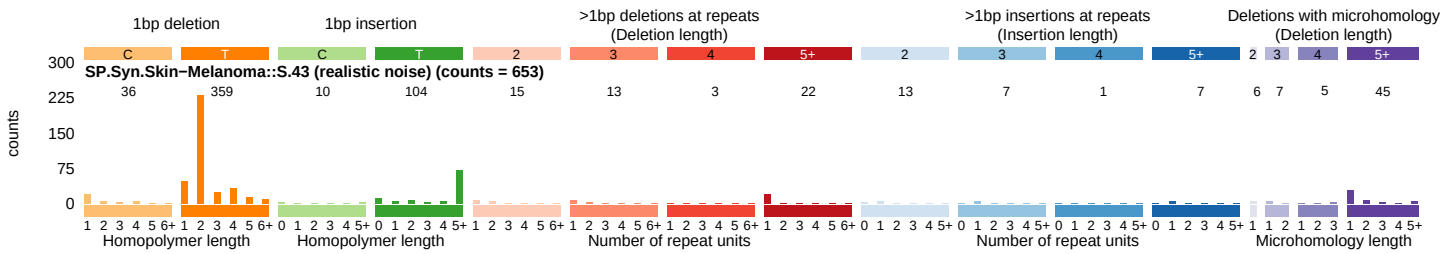

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.38 (realistic noise) (counts = 1380)
87 565 5 212 46 15 13 102 29 4 7 12 9 18 14 242
counts
Homopolymer length
Number of repeat units
Microhomology length

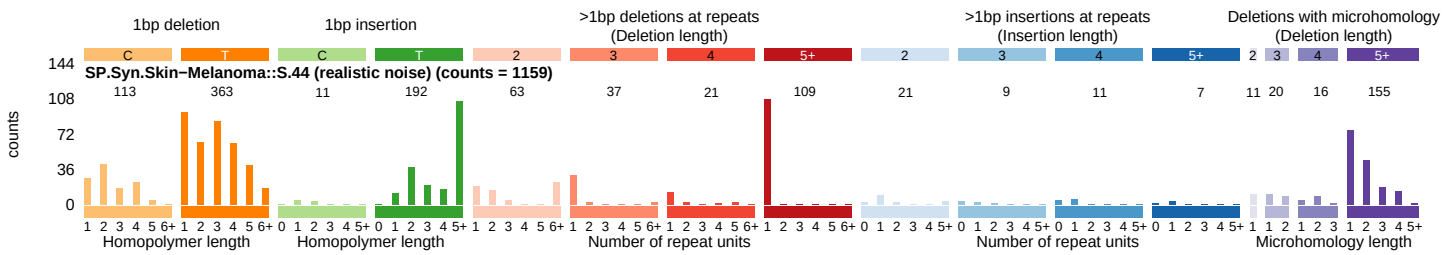

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.39 (realistic noise) (counts = 279)
counts
Homopolymer length
Number of repeat units
Microhomology length

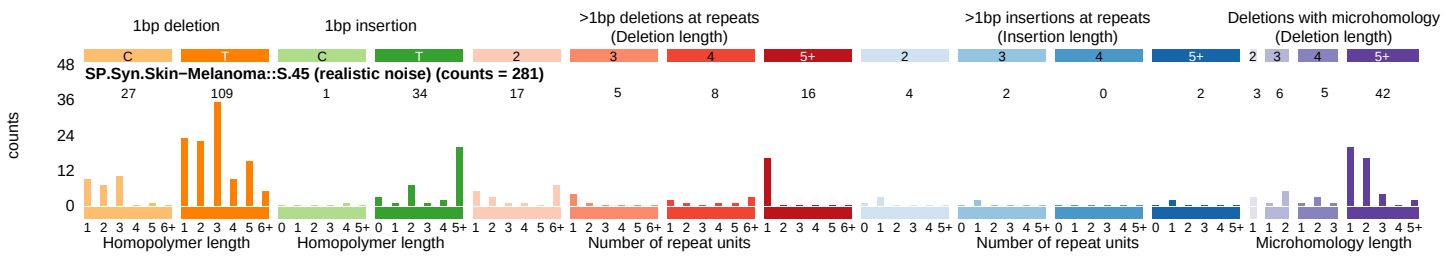

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.40 (realistic noise) (counts = 684)
counts
Homopolymer length
Number of repeat units
Microhomology length

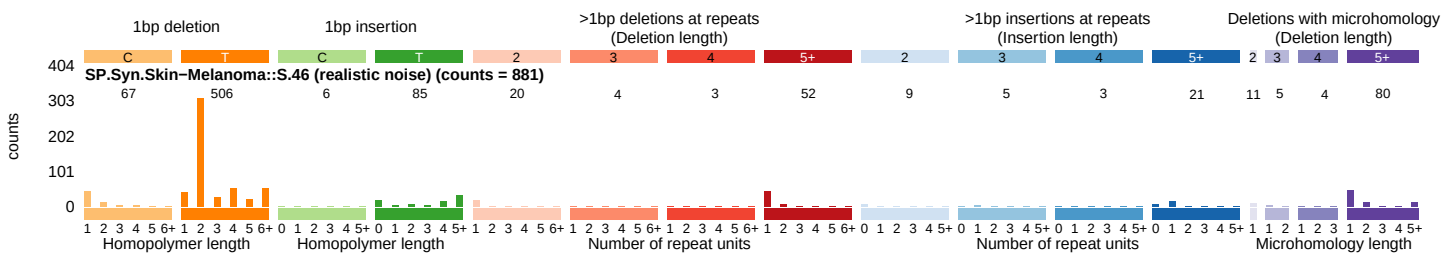

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.41 (realistic noise) (counts = 921)
counts
Homopolymer length
Number of repeat units
Microhomology length

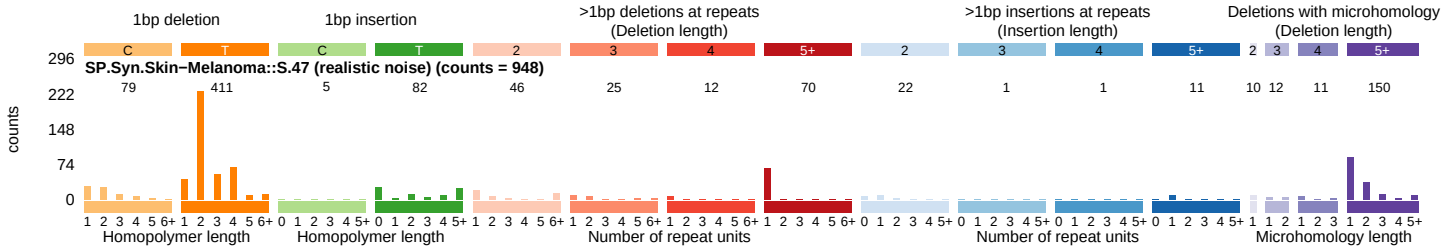

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.42 (realistic noise) (counts = 1333)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (realistic noise) (counts = 653)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.44 (realistic noise) (counts = 1159)
counts
Homopolymer length
Number of repeat units
Microhomology 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.45 (realistic 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.Skin−Melanoma::S.46 (realistic noise) (counts = 881)
counts
Homopolymer length
Number of repeat units
Microhomology length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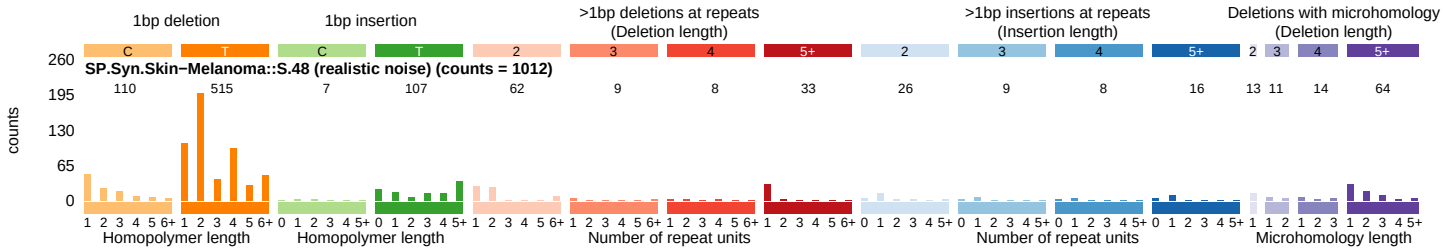
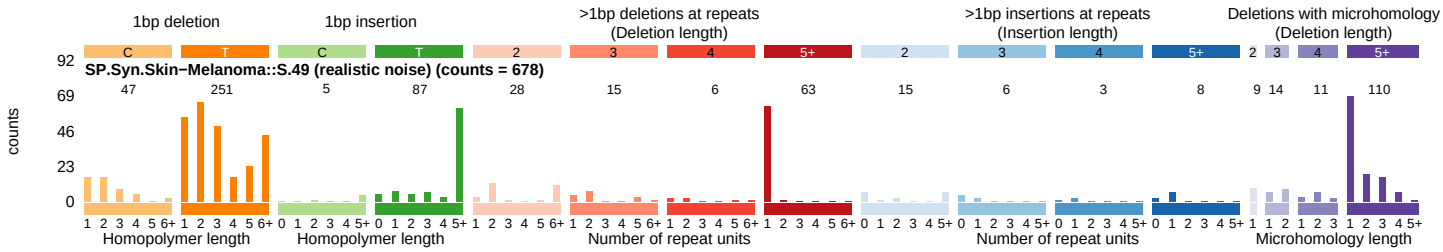
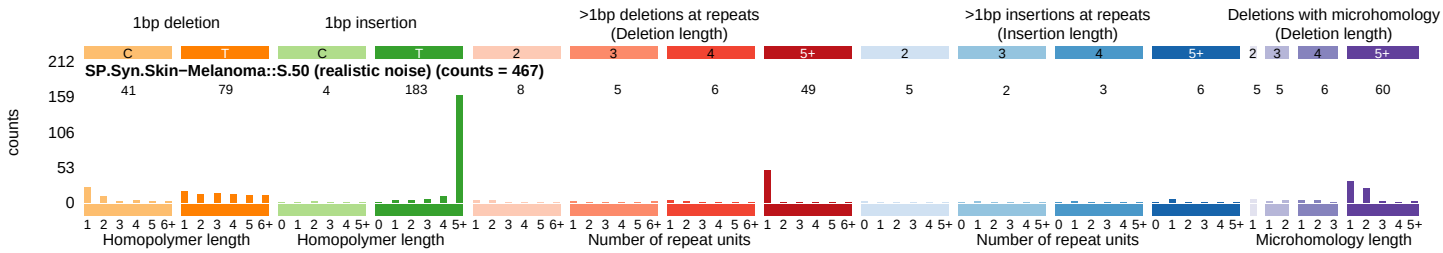
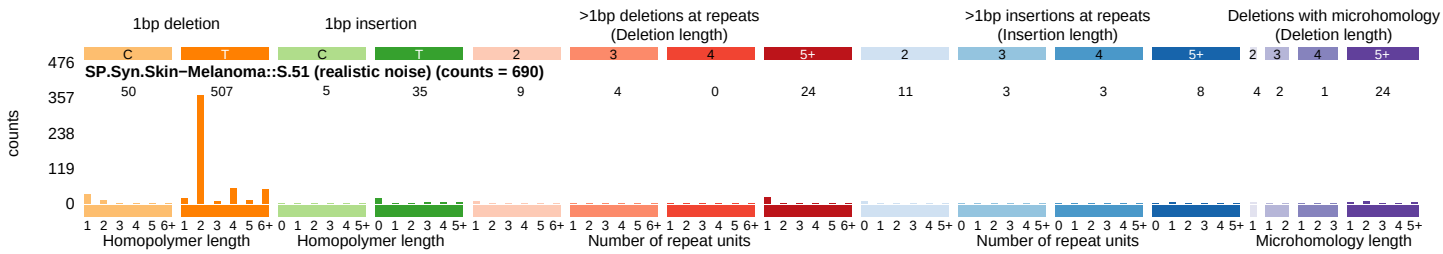
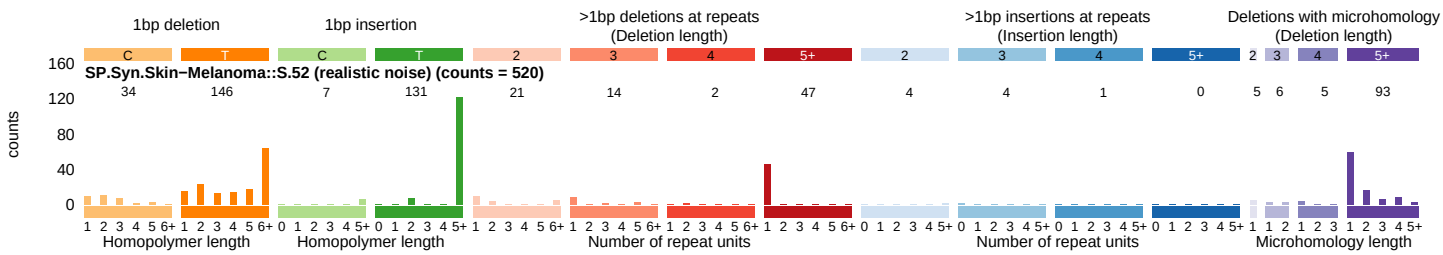
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.47 (realistic noise) (counts = 948)
counts
Homopolymer length
Number of repeat units
Microhomology length

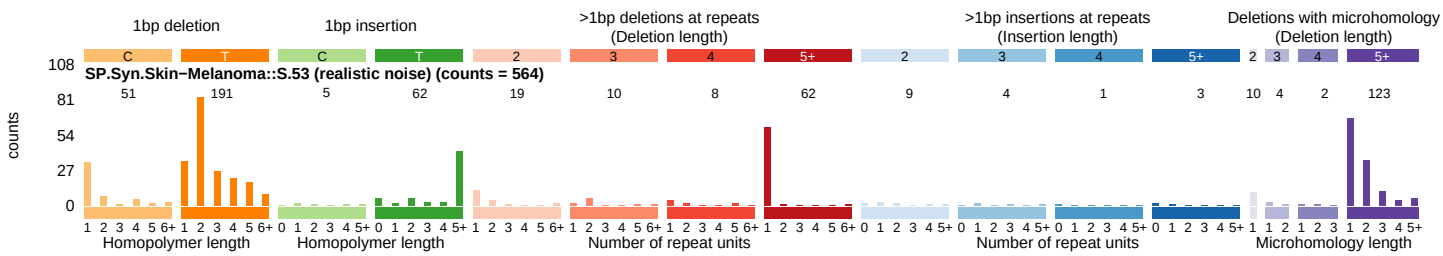

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.48 (realistic noise) (counts = 1012)
counts
Homopolymer length
Number of repeat units
Microhomology length

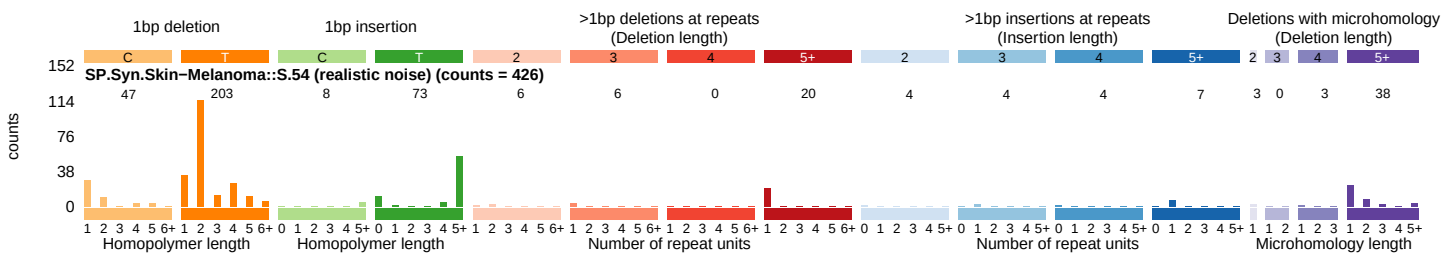

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.49 (realistic noise) (counts = 678)
counts
Homopolymer length
Number of repeat units
Microhomology length

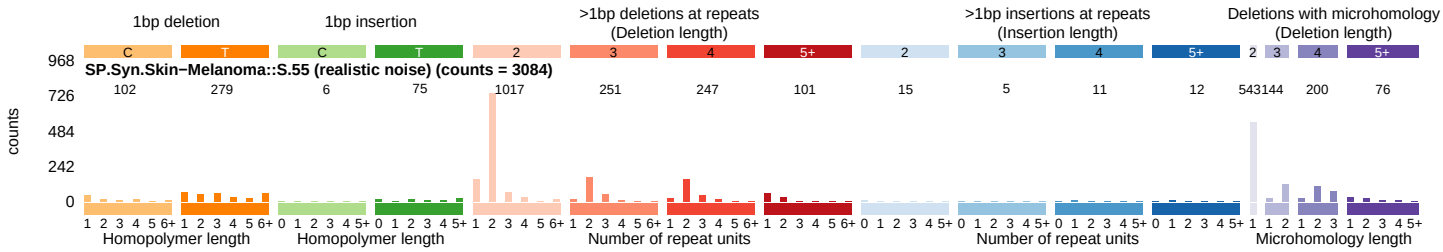

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.50 (realistic noise) (counts = 467)
counts
Homopolymer length
Number of repeat units
Microhomology length

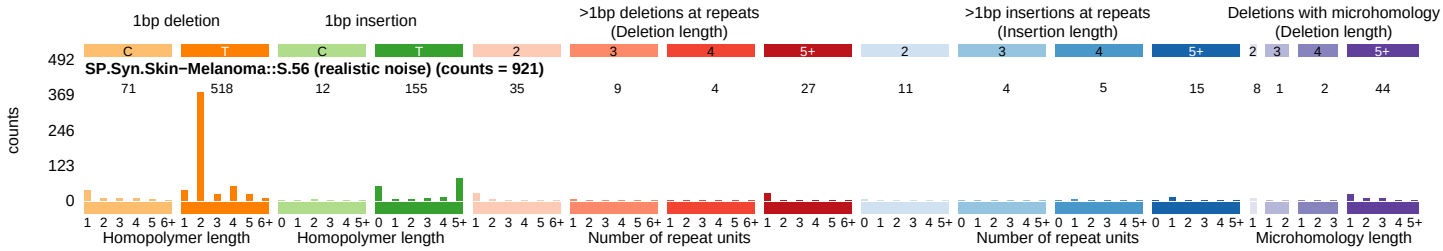

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.51 (realistic noise) (counts = 690)
counts
Homopolymer length
Number of repeat units
Microhomology length

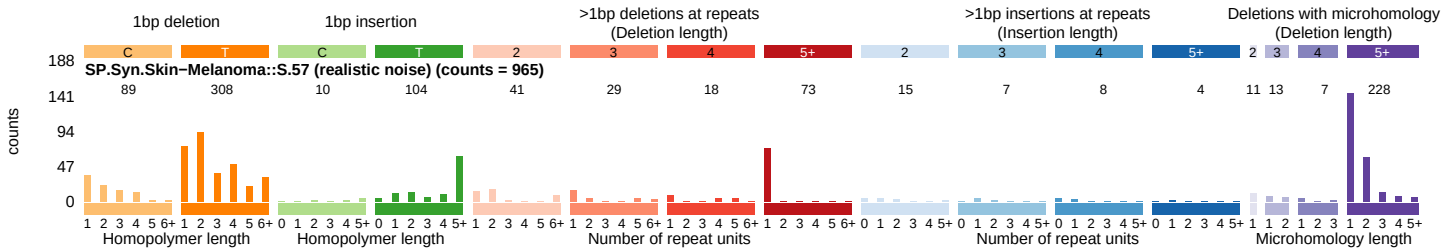

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.52 (realistic noise) (counts = 520)
counts
Homopolymer length
Number of repeat units
Microhomology length

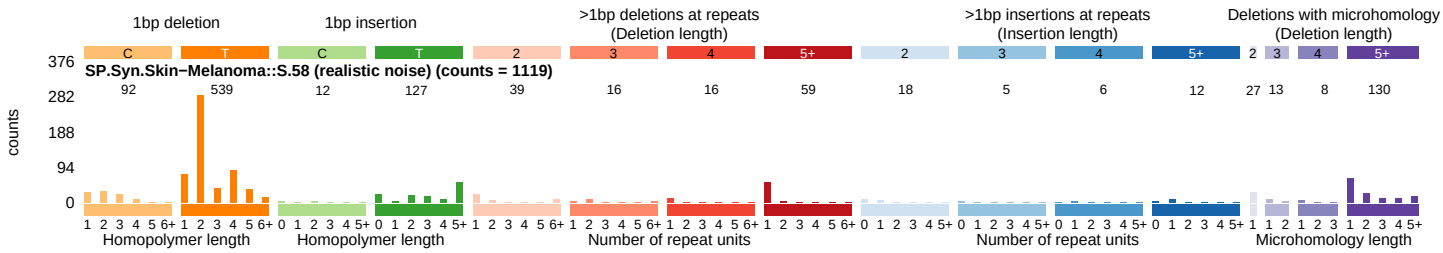

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.53 (realistic noise) (counts = 564)
counts
Homopolymer length
Number of repeat units
Microhomology length

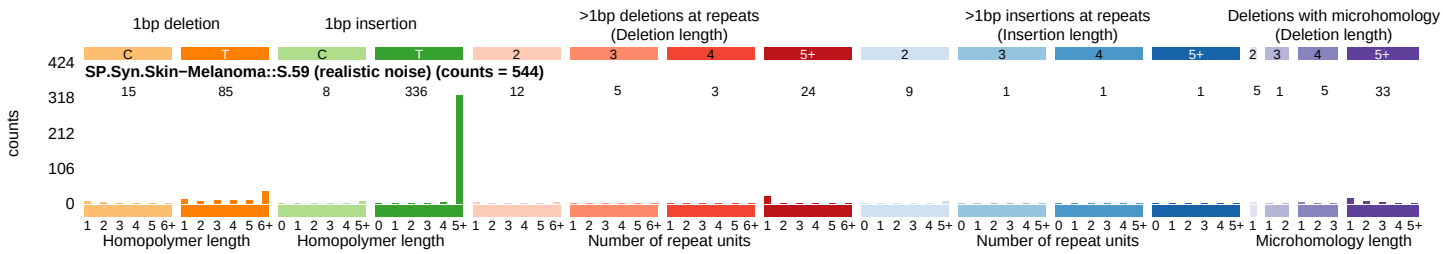

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.54 (realistic noise) (counts = 426)
counts
Homopolymer length
Number of repeat units
Microhomology length

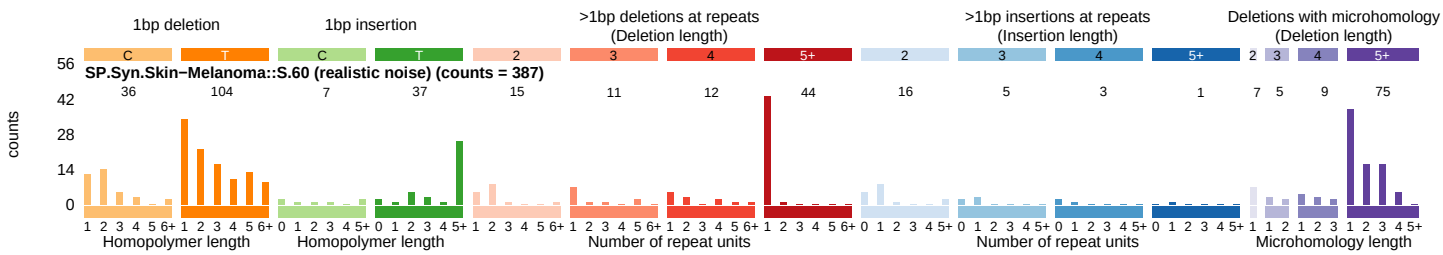

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.55 (realistic noise) (counts = 3084)
counts
Homopolymer length
Number of repeat units
Microhomology length

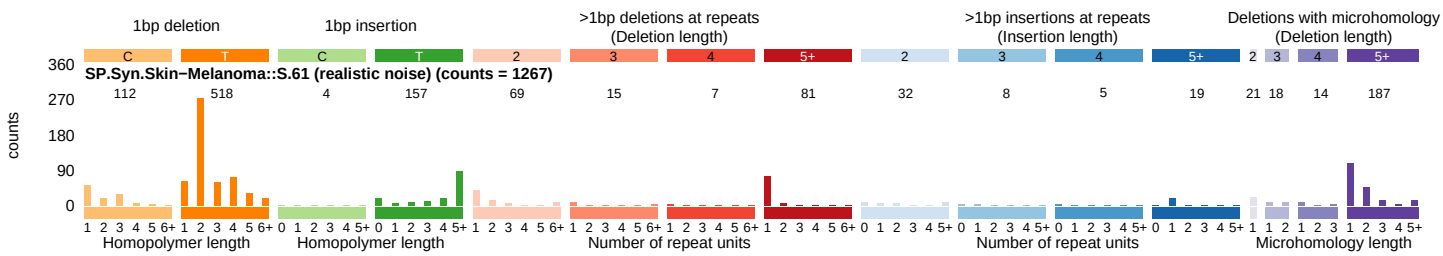

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.56 (realistic noise) (counts = 921)
counts
Homopolymer length
Number of repeat units
Microhomology length

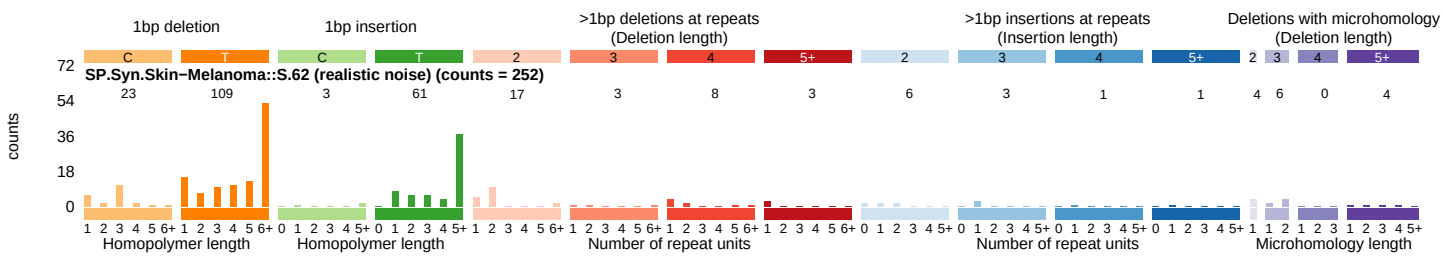

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.57 (realistic noise) (counts = 965)
counts
Homopolymer length
Number of repeat units
Microhomology length

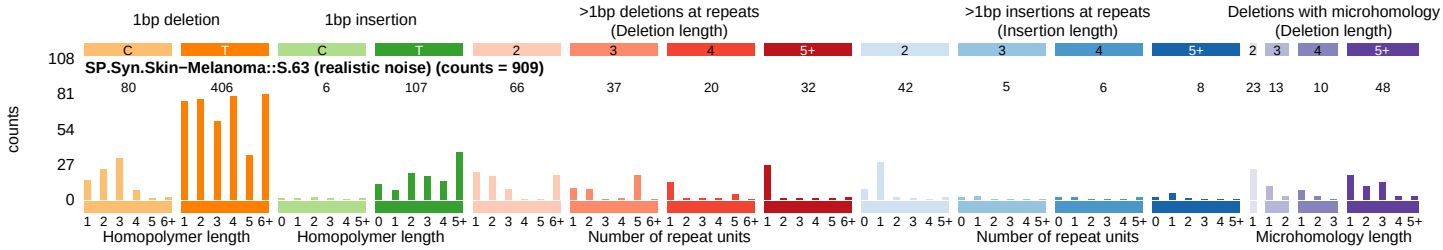

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.58 (realistic noise) (counts = 1119)
counts
Homopolymer length
Number of repeat units
Microhomology length

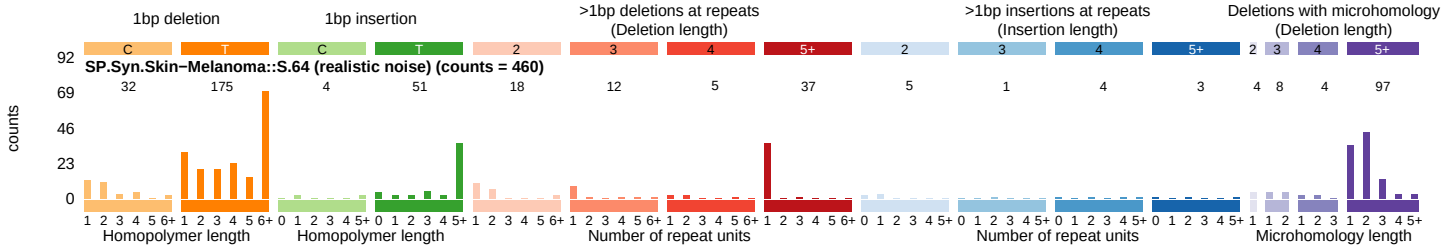

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.59 (realistic noise) (counts = 544)
counts
Homopolymer length
Number of repeat units
Microhomology length

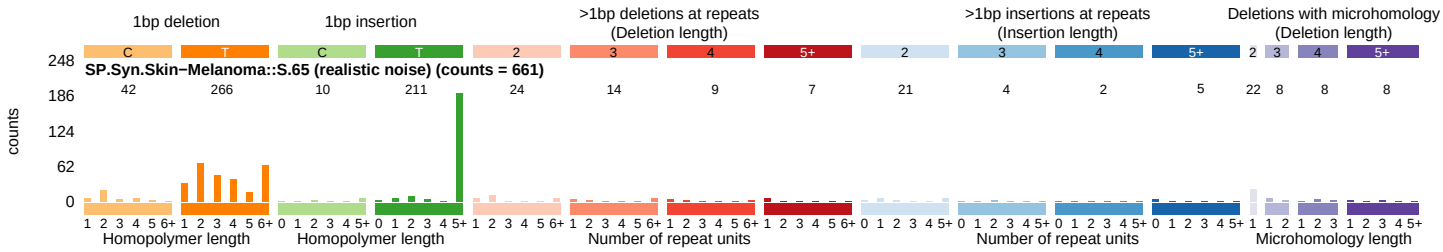

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.60 (realistic noise) (counts = 387)
counts
Homopolymer length
Number of repeat units
Microhomology length

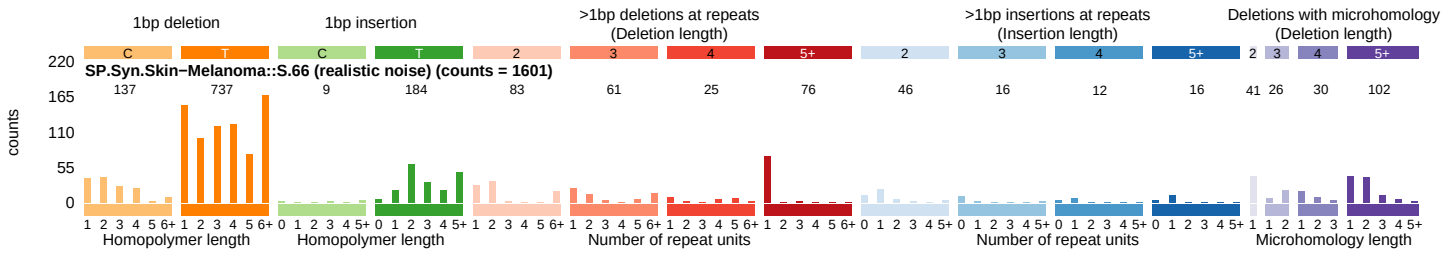

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.61 (realistic noise) (counts = 1267)
counts
Homopolymer length
Number of repeat units
Microhomology length

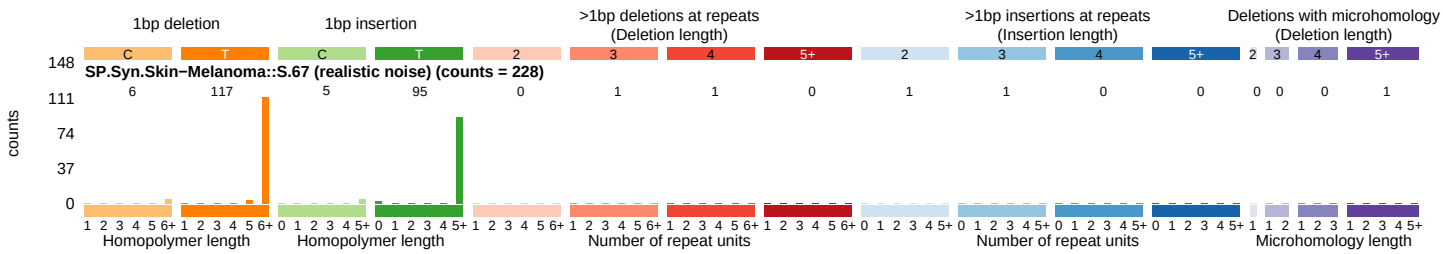

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.62 (realistic noise) (counts = 252)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.63 (realistic noise) (counts = 909)
80 406 6 107 66 37 20 32 42 5 6 8 23 13 10 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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.64 (realistic noise) (counts = 460)
32 175 4 51 18 12 5 37 5 1 4 3 4 8 4 97
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.65 (realistic noise) (counts = 661)
42 266 10 211 24 14 9 7 21 4 2 5 22 8 8 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.Skin−Melanoma::S.66 (realistic noise) (counts = 1601)
137 737 9 184 83 61 25 76 46 16 12 16 41 26 30 102
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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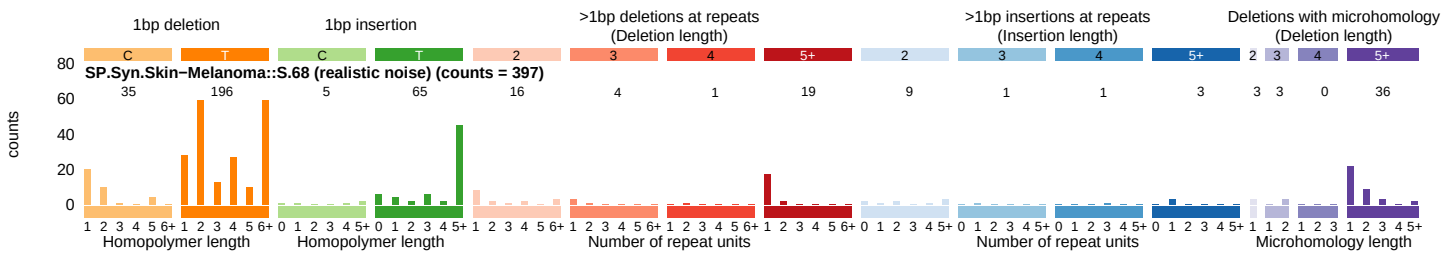
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.67 (realistic noise) (counts = 228)
6 117 5 95 0 1 1 0 1 1 0 0 0 0 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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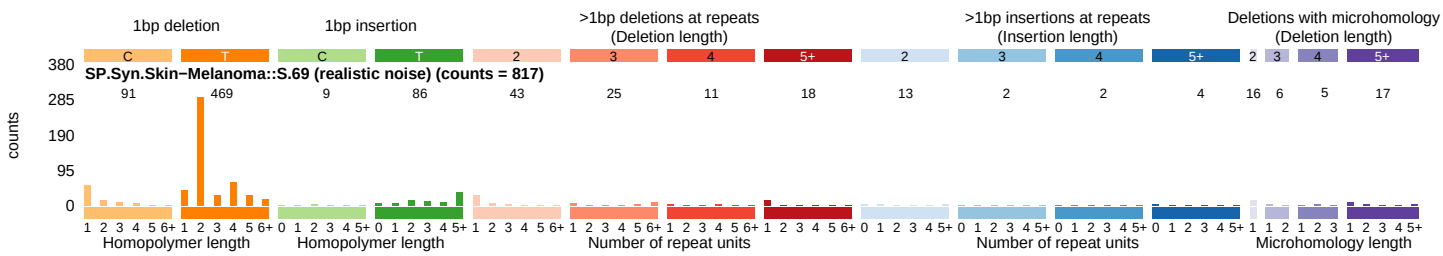
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.68 (realistic noise) (counts = 397)
35 196 5 65 16 4 1 19 9 1 1 3 3 3 0 36
counts
Homopolymer length
Number of repeat units
Microhomology length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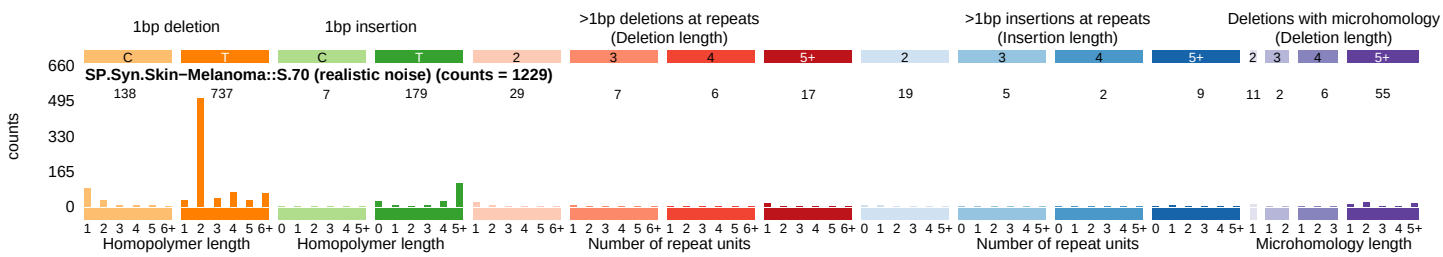
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.69 (realistic noise) (counts = 817)
91 469 9 86 43 25 11 18 13 2 2 4 16 6 5 17
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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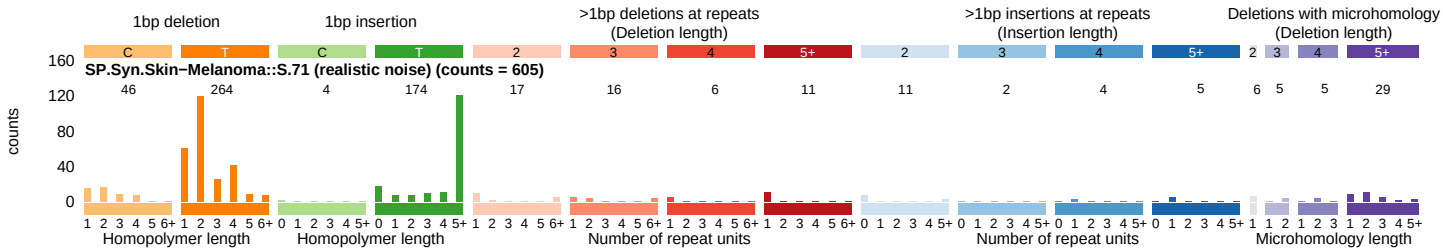
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.70 (realistic noise) (counts = 1229)
138 737 7 179 29 7 6 17 19 5 2 9 11 2 6 55
counts
Homopolymer length
Number of repeat units
Microhomology length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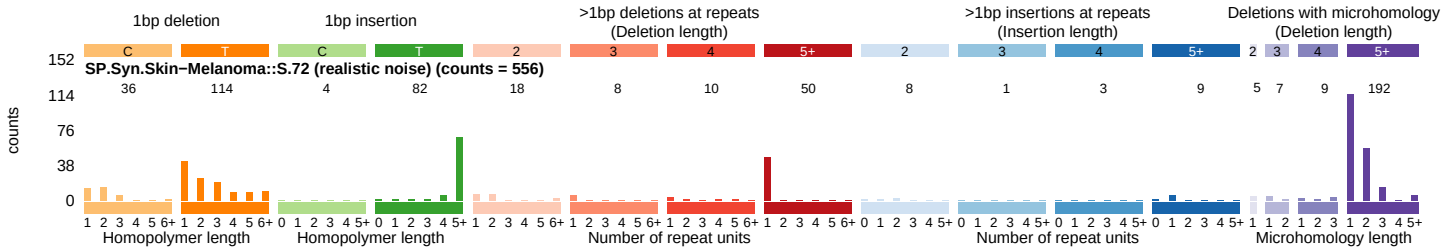
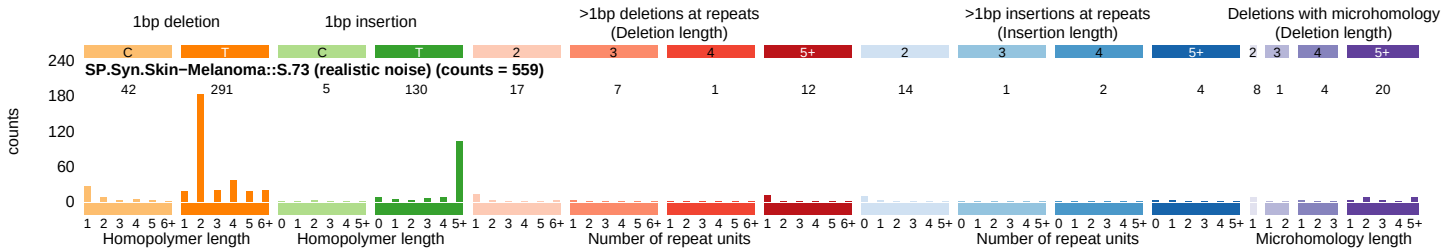
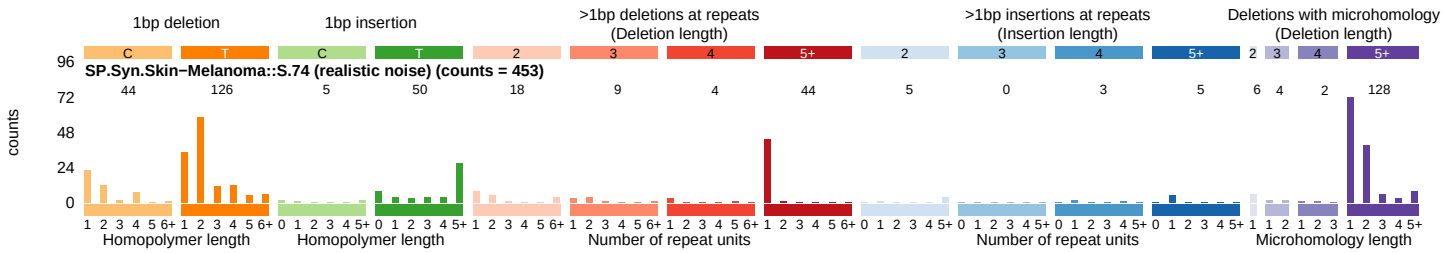
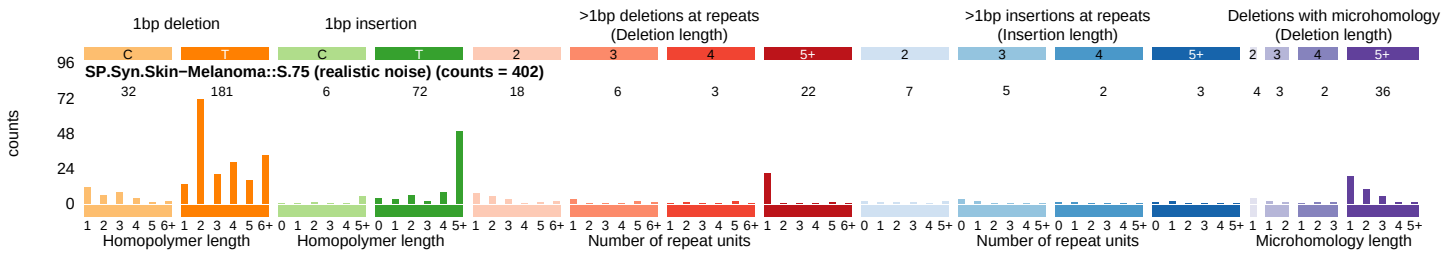
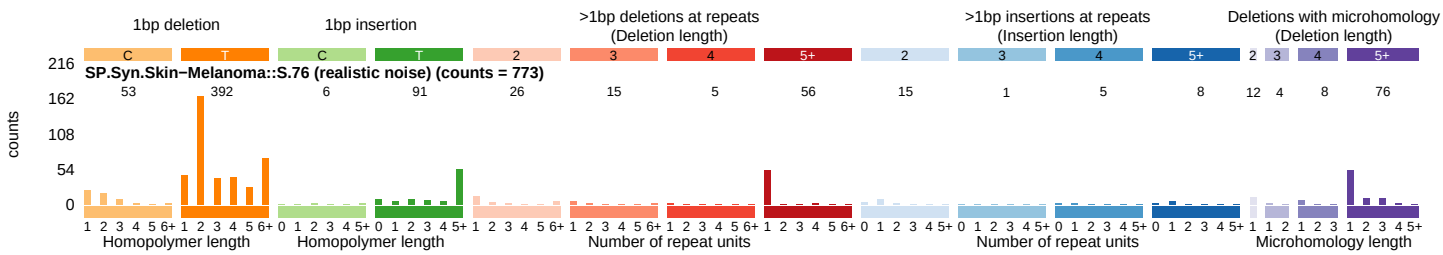
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.71 (realistic noise) (counts = 605)
46 264 4 174 17 16 6 11 11 2 4 5 6 5 5 29
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.72 (realistic noise) (counts = 556)
36 114 4 82 18 8 10 50 8 1 3 9 5 7 9 192
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.Skin−Melanoma::S.73 (realistic noise) (counts = 559)
42 291 5 130 17 7 1 12 14 1 2 4 8 1 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.Skin−Melanoma::S.74 (realistic noise) (counts = 453)
44 126 5 50 18 9 4 44 5 0 3 5 6 4 2 128
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.Skin−Melanoma::S.75 (realistic noise) (counts = 402)
32 181 6 72 18 6 3 22 7 5 2 3 4 3 2 36
counts
Homopolymer length
Number of repeat units
Microhomology length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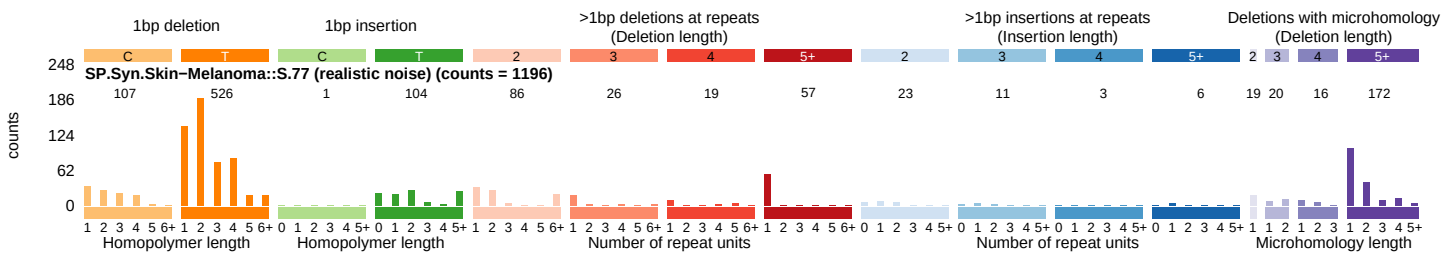
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.76 (realistic noise) (counts = 773)
53 392 6 91 26 15 5 56 15 1 5 8 12 4 8 76
counts
Homopolymer length
Number of repeat units
Microhomology length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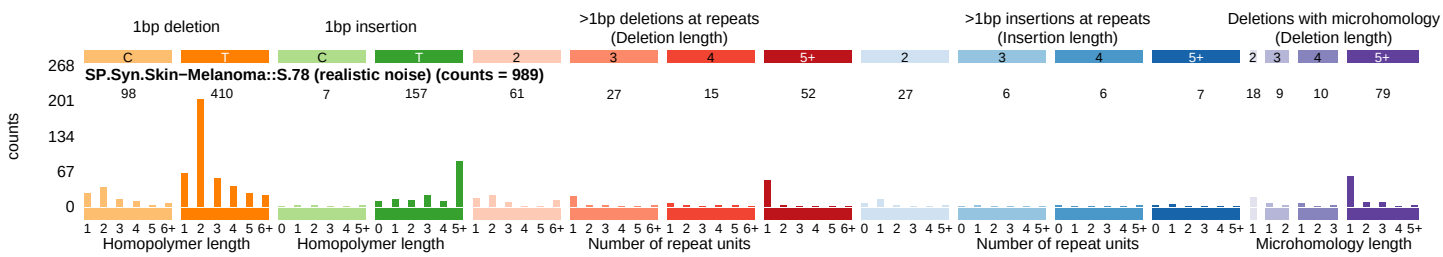
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.77 (realistic noise) (counts = 1196)
107 526 1 104 86 26 19 57 23 11 3 6 19 20 16 172
counts
Homopolymer length
Number of repeat units
Microhomology length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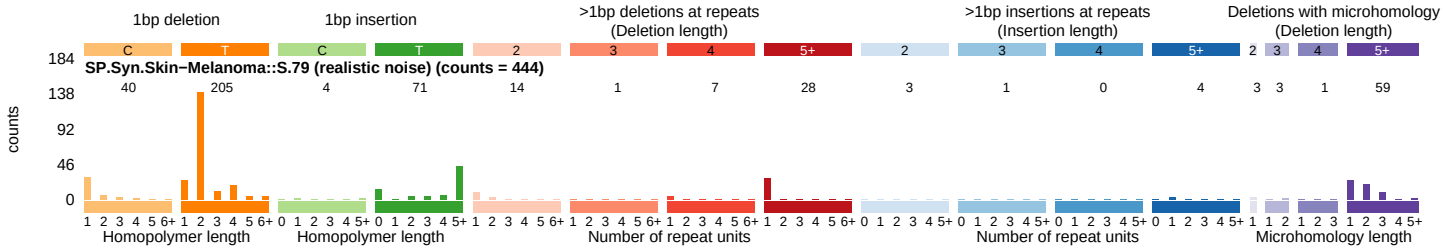
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.78 (realistic noise) (counts = 989)
98 410 7 157 61 27 15 52 27 6 6 7 18 9 10 79
counts
Homopolymer length
Number of repeat units
Microhomology length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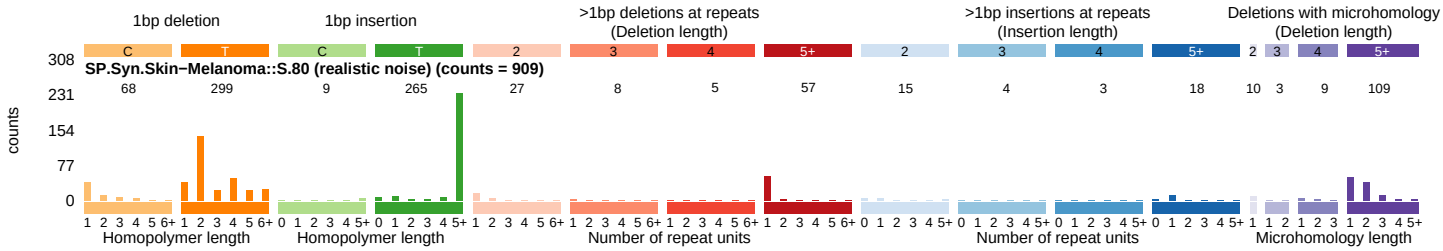
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.79 (realistic noise) (counts = 444)
40 205 4 71 14 1 7 28 3 1 0 4 3 3 1 59
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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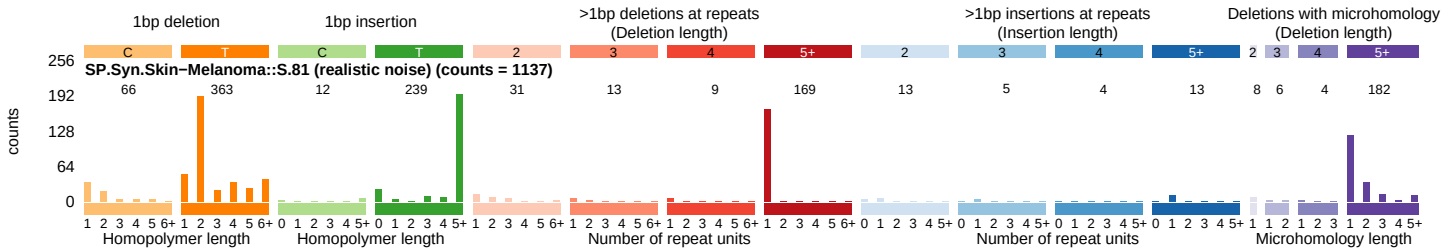
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.80 (realistic noise) (counts = 909)
68 299 9 265 27 8 5 57 15 4 3 18 10 3 9 109
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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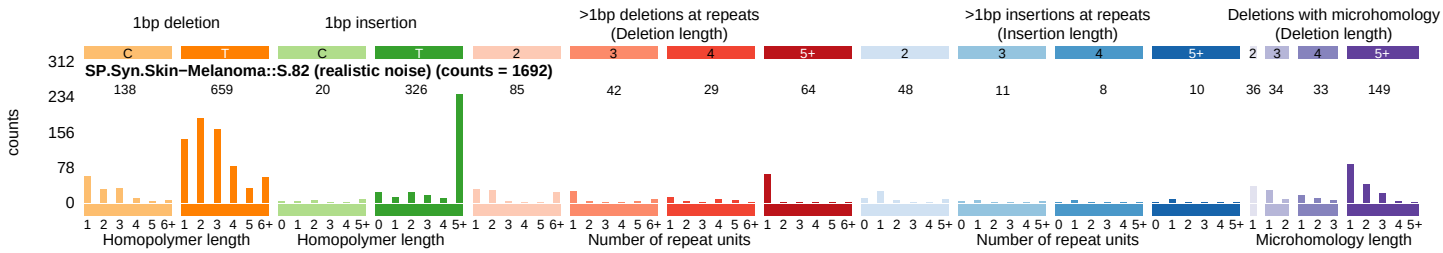
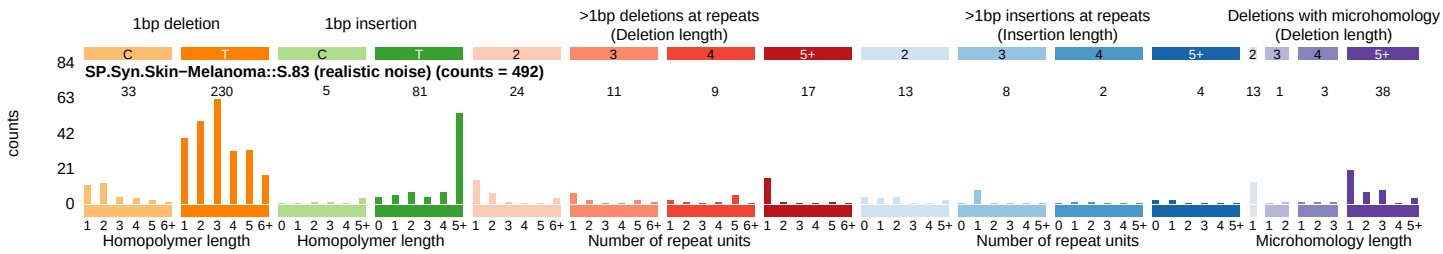
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.81 (realistic noise) (counts = 1137)
66 363 12 239 31 13 9 169 13 5 4 13 8 6 4 182
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.82 (realistic noise) (counts = 1692)
138 659 20 326 85 42 29 64 48 11 8 10 36 34 33 149
counts
Homopolymer length
Number of repeat units
Microhomology length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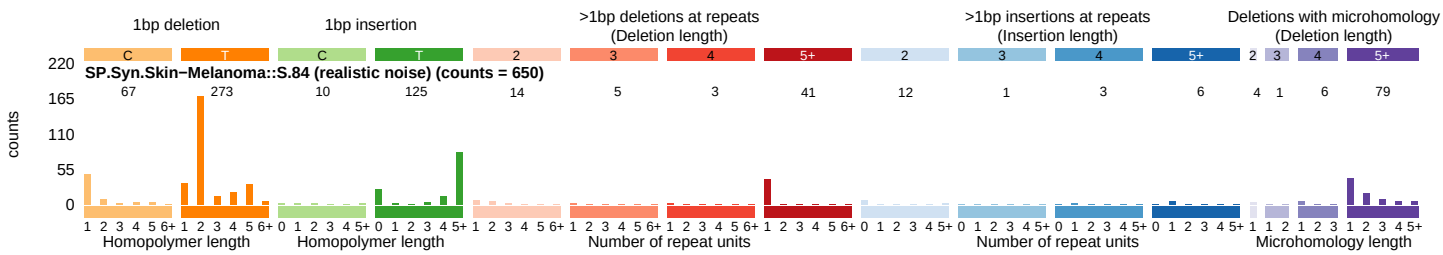
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.83 (realistic noise) (counts = 492)
33 230 5 81 24 11 9 17 13 8 2 4 13 1 3 38
counts
Homopolymer length
Number of repeat units
Microhomology length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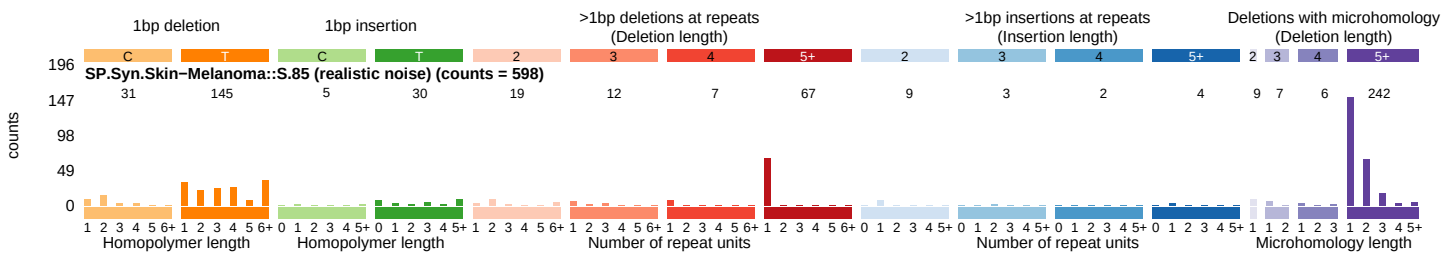
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.84 (realistic noise) (counts = 650)
67 273 10 125 14 5 3 41 12 1 3 6 4 1 6 79
counts
Homopolymer length
Number of repeat units
Microhomology length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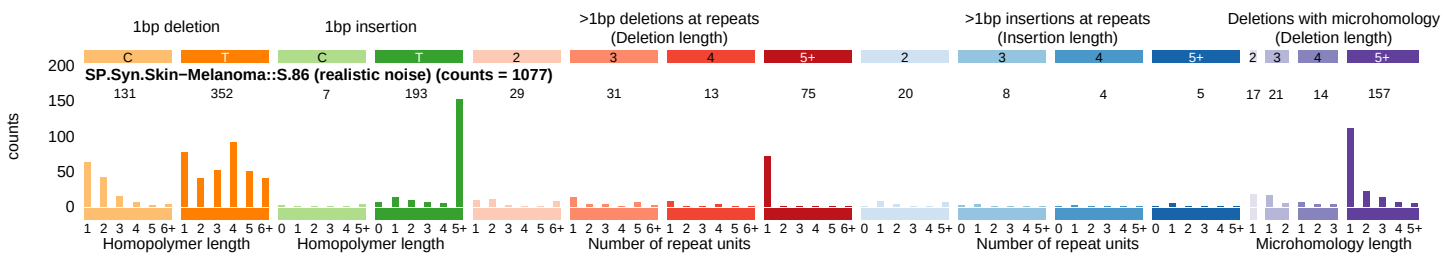
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.85 (realistic noise) (counts = 598)
31 145 5 30 19 12 7 67 9 3 2 4 9 7 6 242
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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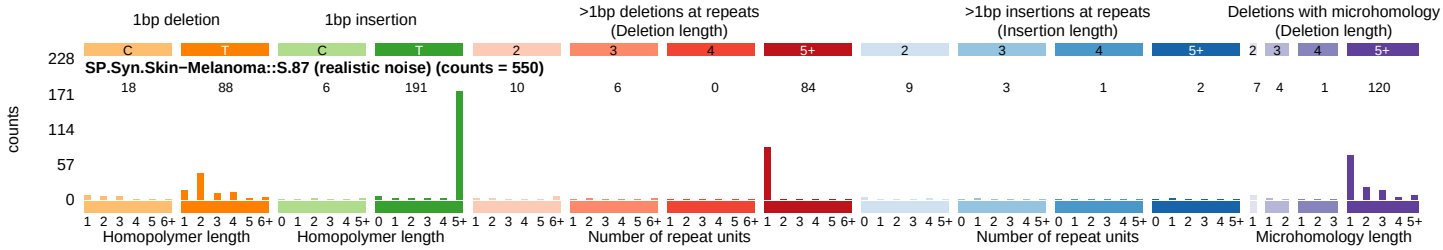
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.86 (realistic noise) (counts = 1077)
131 352 7 193 29 31 13 75 20 8 4 5 17 21 14 157
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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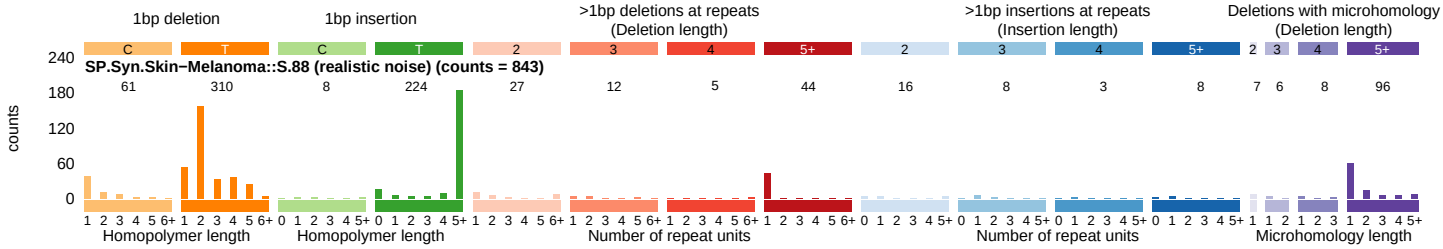
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.87 (realistic noise) (counts = 550)
counts
Homopolymer length
Number of repeat units
Microhomology length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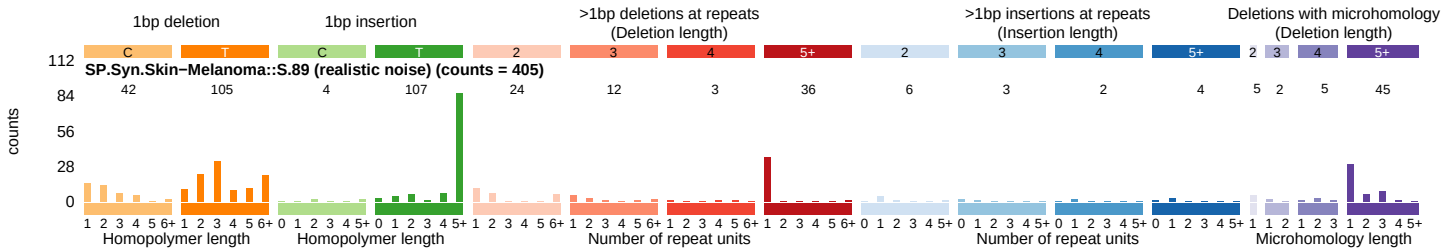
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.88 (realistic noise) (counts = 843)
counts
Homopolymer length
Number of repeat units
Microhomology length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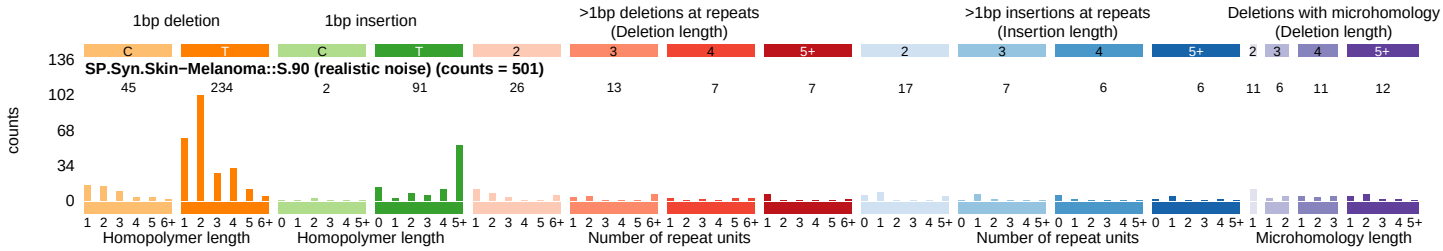
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.89 (realistic noise) (counts = 405)
counts
Homopolymer length
Number of repeat units
Microhomology length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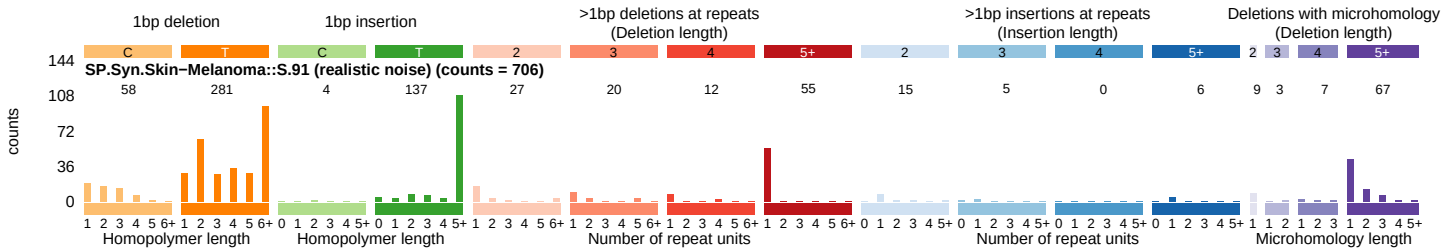
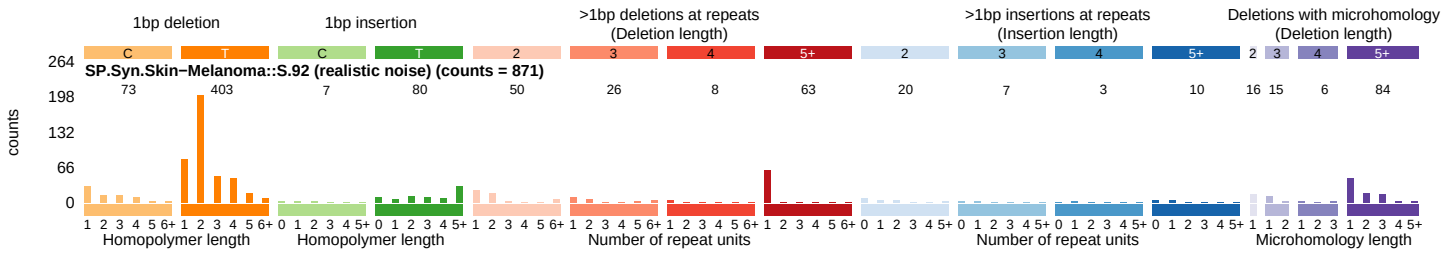
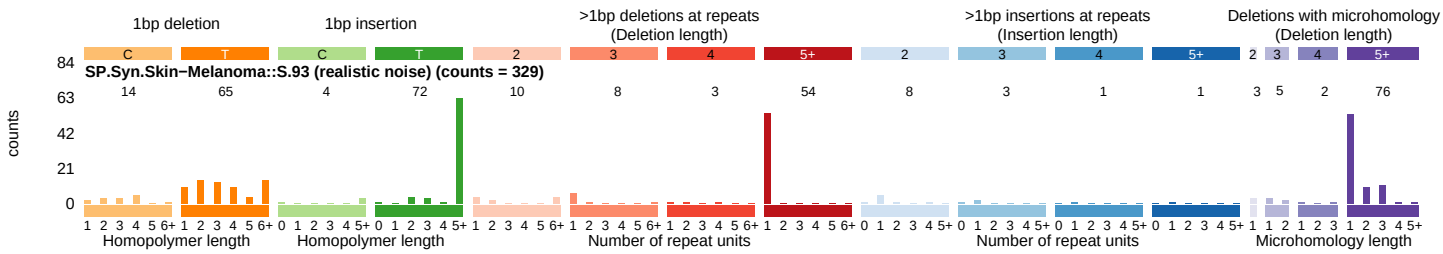
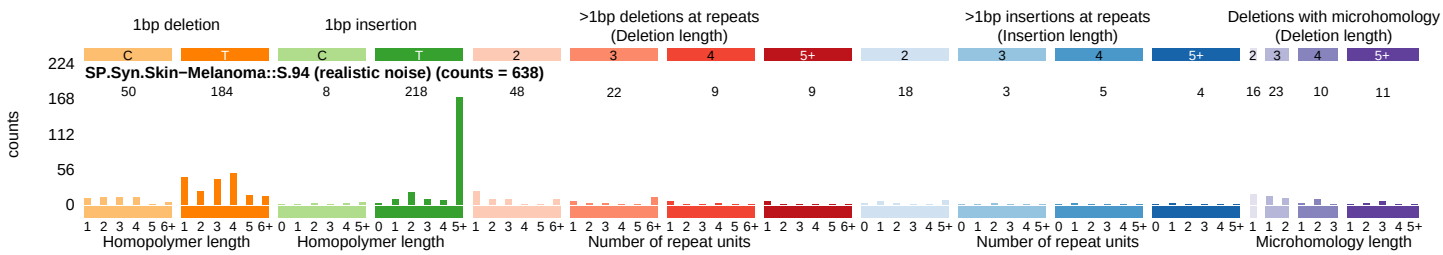
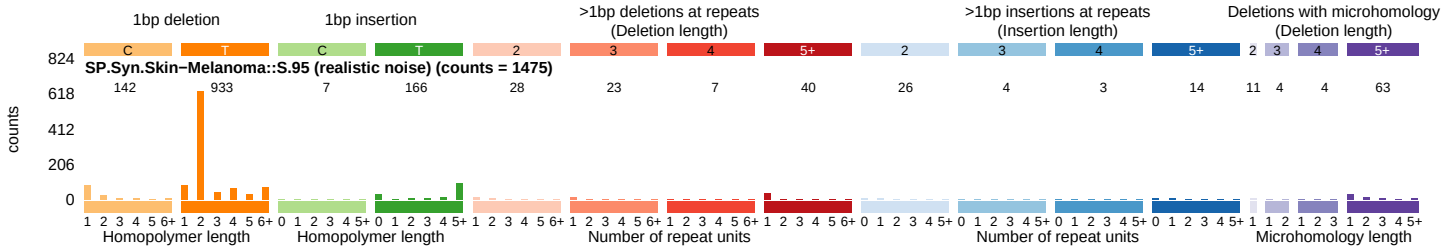
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.90 (realistic noise) (counts = 501)
counts
Homopolymer length
Number of repeat units
Microhomology length

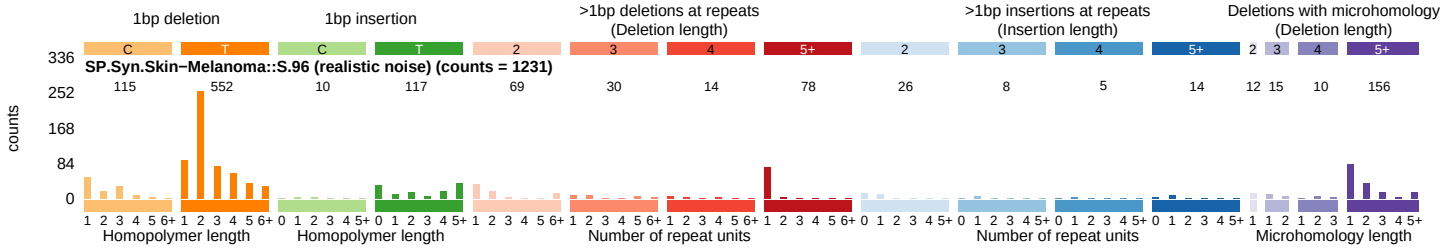

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.91 (realistic noise) (counts = 706)
counts
Homopolymer length
Number of repeat units
Microhomology length

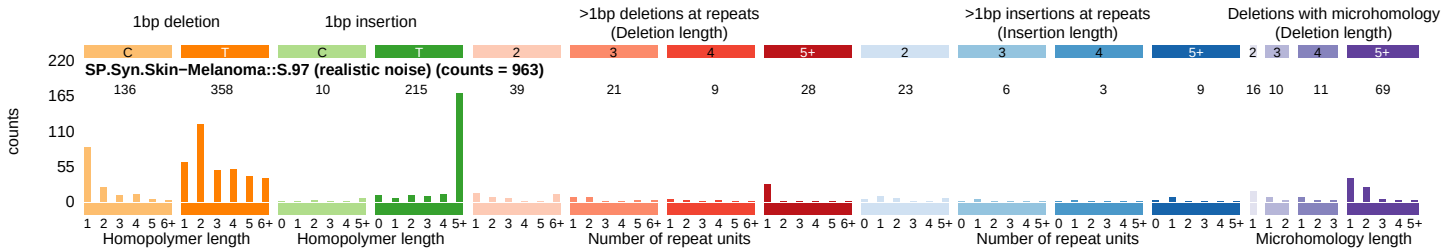

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.92 (realistic noise) (counts = 871)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (realistic noise) (counts = 329)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic 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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.95 (realistic noise) (counts = 1475)
142 933 7 166 28 23 7 40 26 4 3 14 11 4 4 63
counts
824 618 412 206 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.96 (realistic noise) (counts = 1231)
115 552 10 117 69 30 14 78 26 8 5 14 12 15 10 156
counts
336 252 168 84 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)
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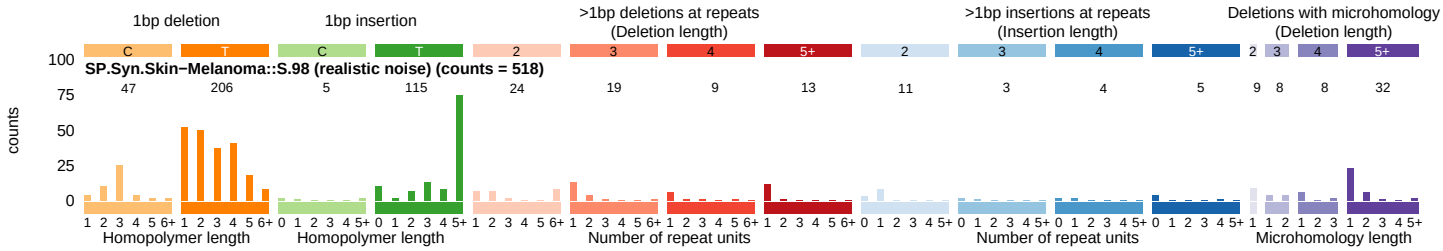
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.97 (realistic noise) (counts = 963)
136 358 10 215 39 21 9 28 23 6 3 9 16 10 11 69
counts
220 165 110 55 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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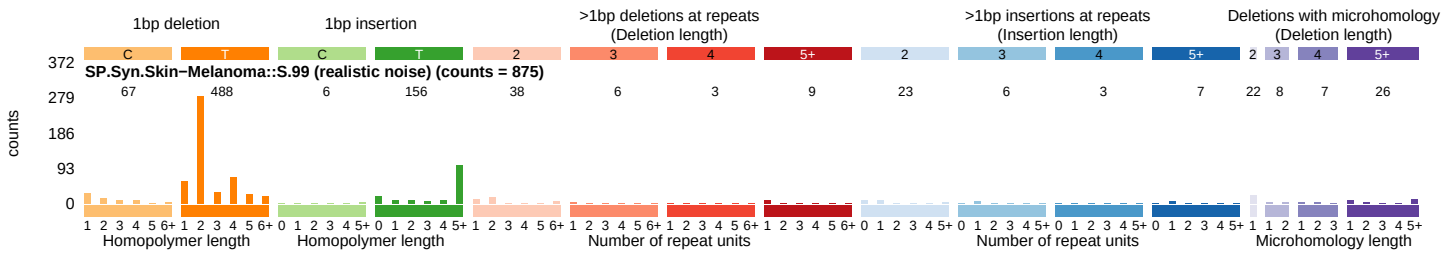
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.98 (realistic noise) (counts = 518)
47 206 5 115 24 19 9 13 11 3 4 5 9 8 8 32
counts
100 75 50 25 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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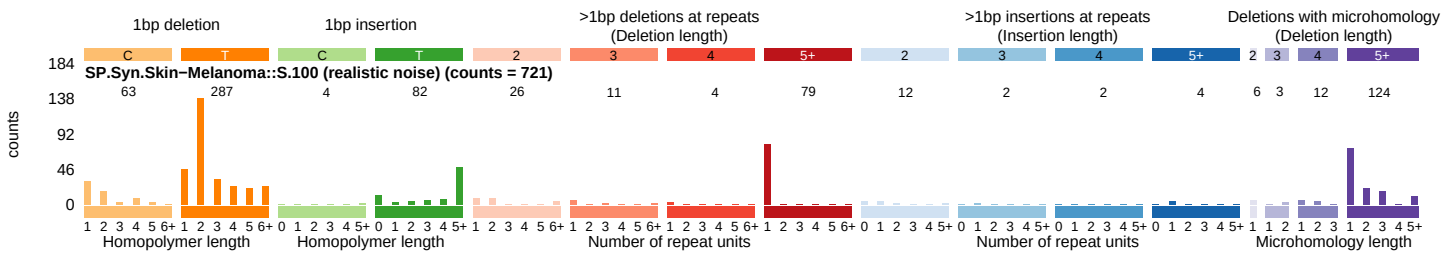
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.99 (realistic noise) (counts = 875)
67 488 6 156 38 6 3 9 23 6 3 7 22 8 7 26
counts
372 279 186 93 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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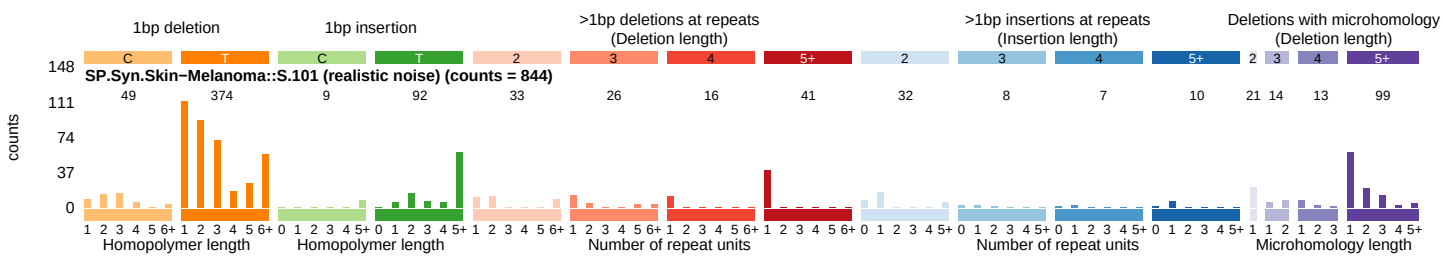
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.100 (realistic noise) (counts = 721)
63 287 4 82 26 11 4 79 12 2 2 4 6 3 12 124
counts
184 138 92 46 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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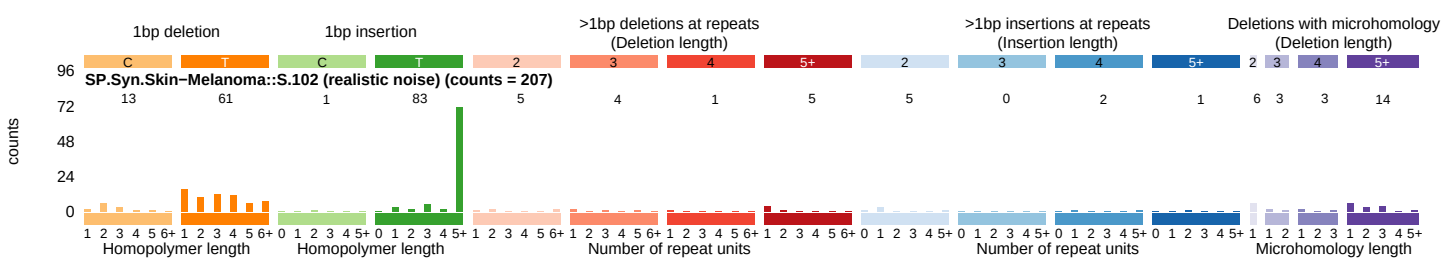
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.101 (realistic noise) (counts = 844)
49 374 9 92 33 26 16 41 32 8 7 10 21 14 13 99
counts
148 111 74 37 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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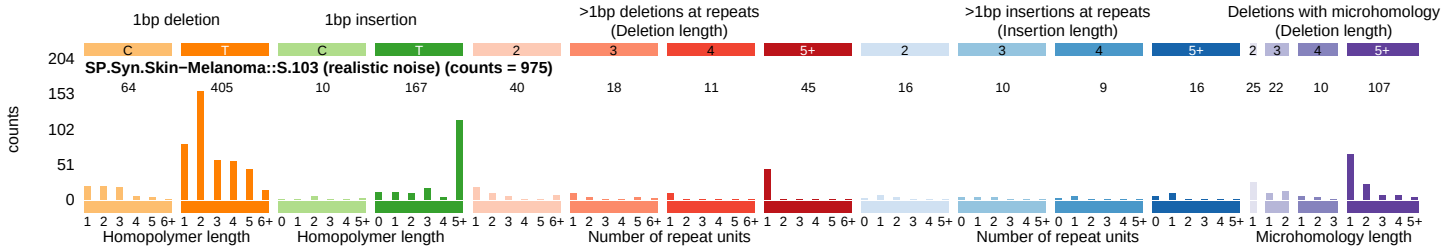
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.102 (realistic noise) (counts = 207)
13 61 1 83 5 4 1 5 5 0 2 1 6 3 3 14
counts
96 72 48 24 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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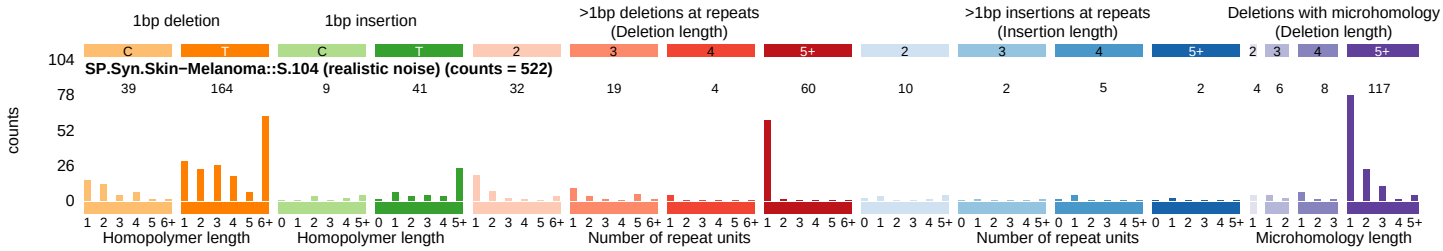
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.103 (realistic noise) (counts = 975)
64 405 10 167 40 18 11 45 16 10 9 16 25 22 10 107
counts
204 153 102 51 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 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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1bp insertion
>1bp deletions at repeats (Deletion length)
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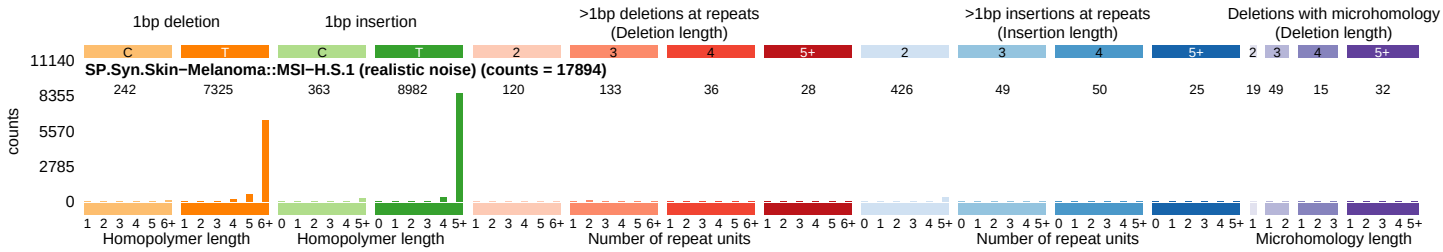
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.104 (realistic noise) (counts = 522)
39 164 9 41 32 19 4 60 10 2 5 2 4 6 8 117
counts
104 78 52 26 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 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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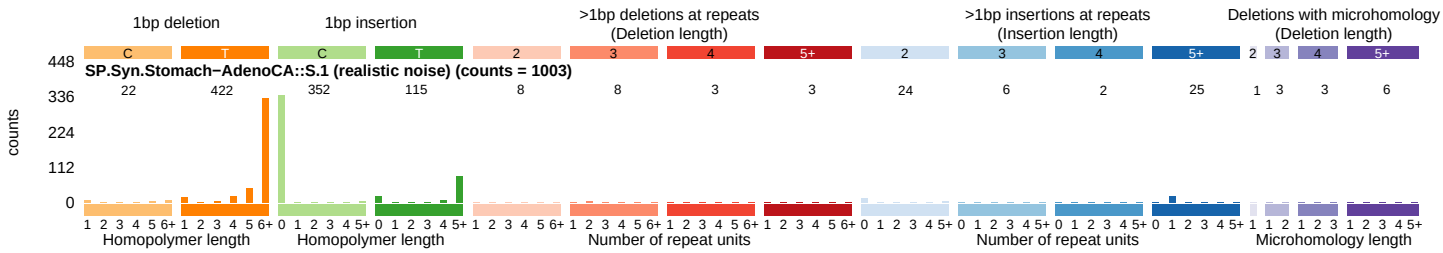
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::MSI−H.S.1 (realistic noise) (counts = 17894)
242 7325 363 8982 120 133 36 28 426 49 50 25 19 49 15 32
counts
11140 8355 5570 2785 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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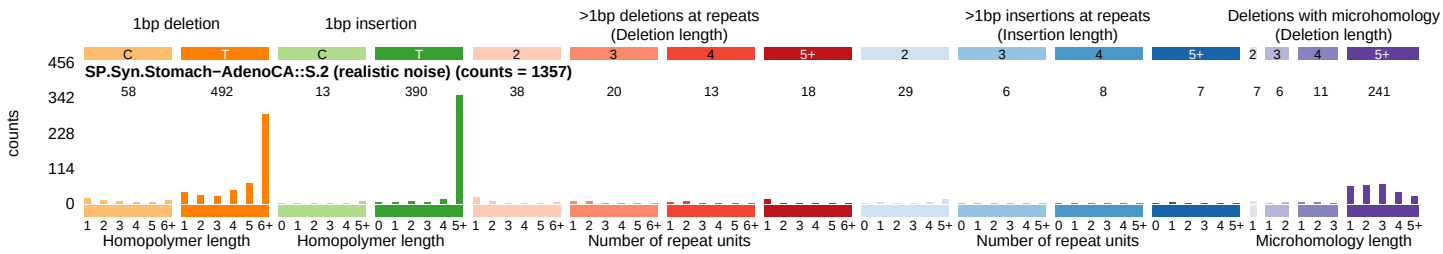
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.1 (realistic noise) (counts = 1003)
22 422 352 115 8 8 3 3 24 6 2 25 1 3 3 6
counts
448 336 224 112 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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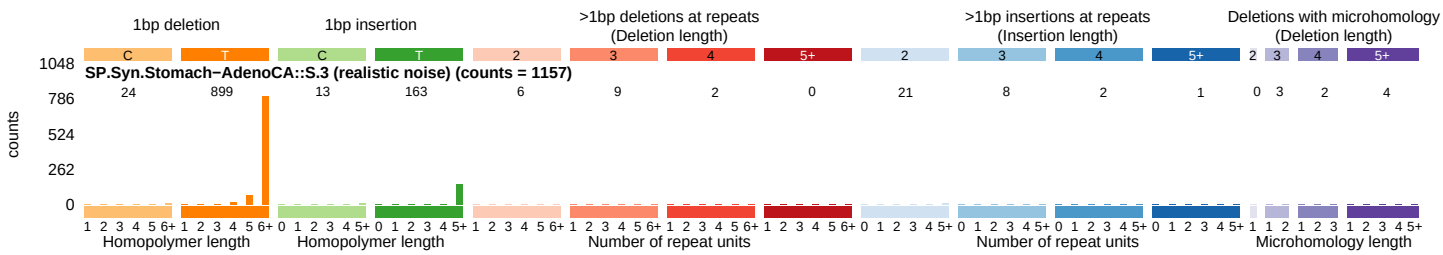
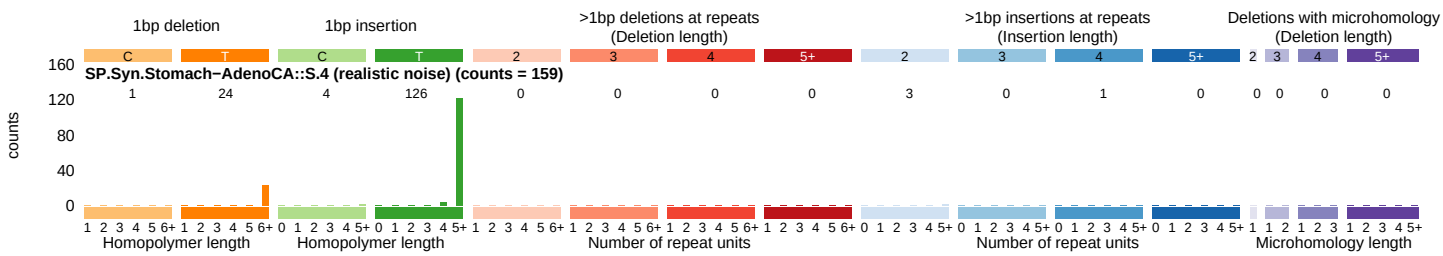
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.2 (realistic noise) (counts = 1357)
58 492 13 390 38 20 13 18 29 6 8 7 7 6 11 241
counts
456 342 228 114 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.3 (realistic noise) (counts = 1157)
24 899 13 163 6 9 2 0 21 8 2 1 0 3 2 4
counts
1048 786 524 262 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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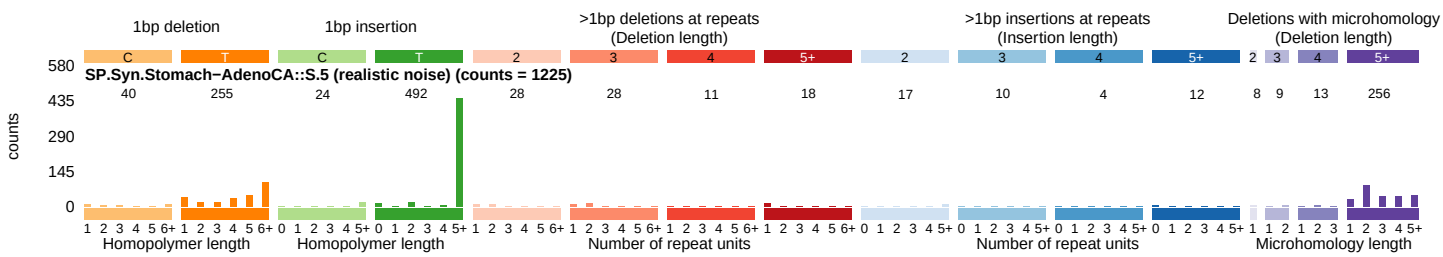
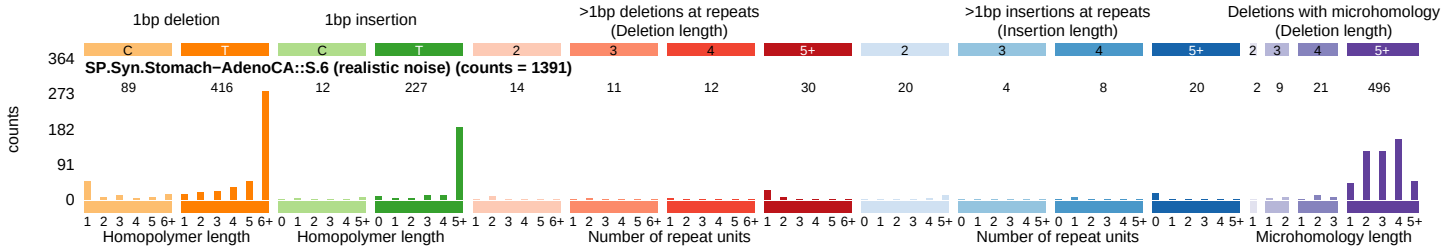
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.4 (realistic noise) (counts = 159)
1 24 4 126 0 0 0 0 3 0 1 0 0 0 0 0
counts
160 120 80 40 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.5 (realistic noise) (counts = 1225)
40 255 24 492 28 28 11 18 17 10 4 12 8 9 13 256
counts
580 435 290 145 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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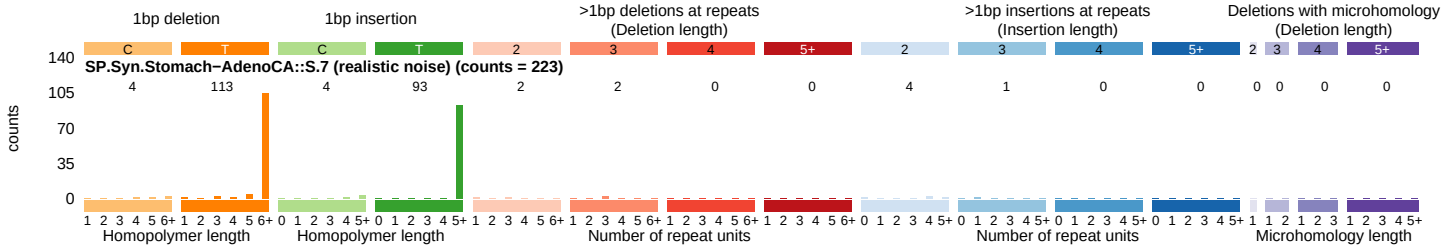
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.6 (realistic noise) (counts = 1391)
89 416 12 227 14 11 12 30 20 4 8 20 2 9 21 496
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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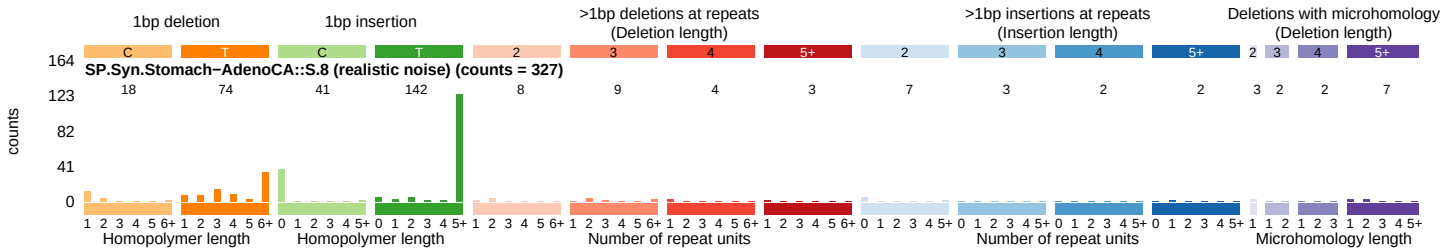
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.7 (realistic noise) (counts = 223)
4 113 4 93 2 2 0 0 4 1 0 0 0 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length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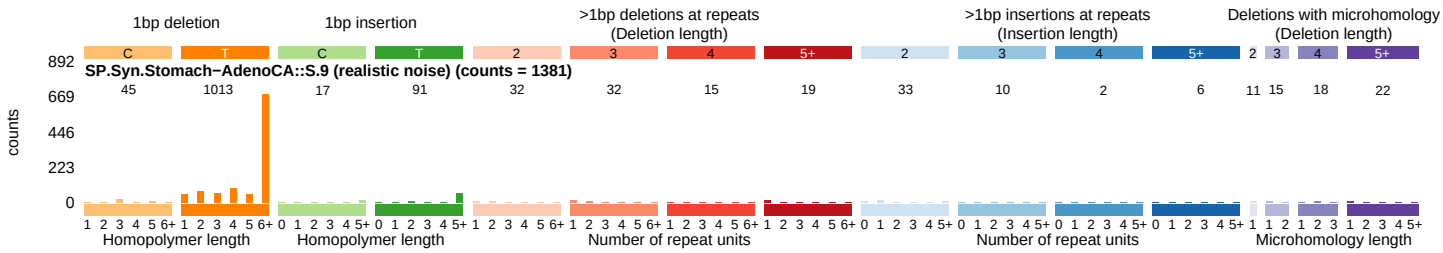
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.8 (realistic noise) (counts = 327)
18 74 41 142 8 9 4 3 7 3 2 2 3 2 2 7
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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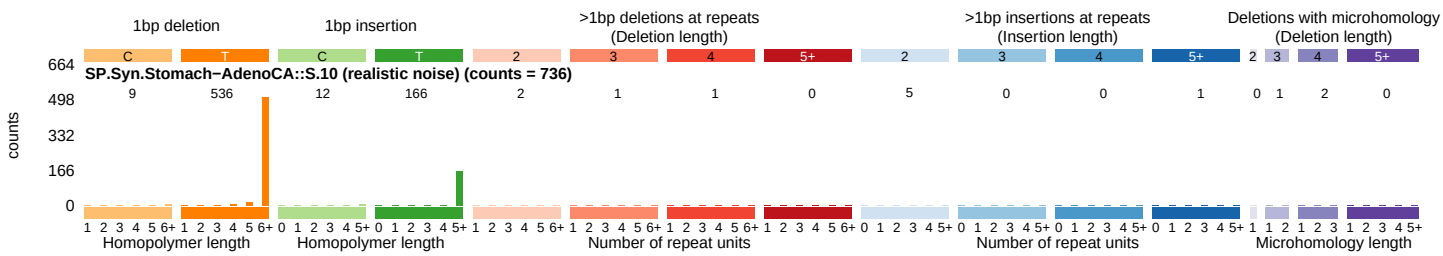
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.9 (realistic noise) (counts = 1381)
45 1013 17 91 32 32 15 19 33 10 2 6 11 15 18 22
counts
Homopolymer length
Number of repeat units
Microhomology length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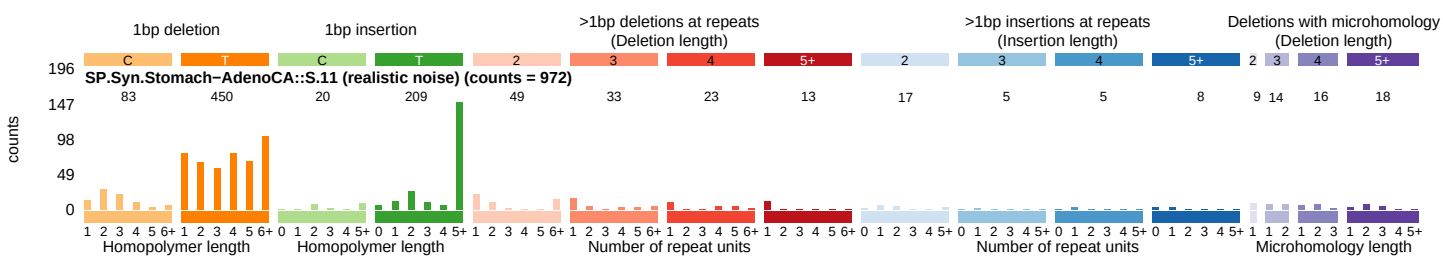
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.10 (realistic noise) (counts = 736)
9 536 12 166 2 1 1 0 5 0 0 1 0 1 2 0
counts
Homopolymer length
Number of repeat units
Microhomology length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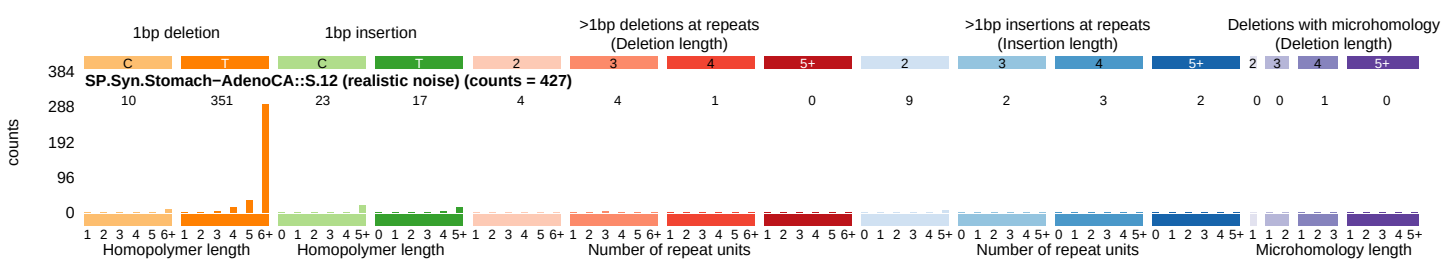
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.11 (realistic noise) (counts = 972)
83 450 20 209 49 33 23 13 17 5 5 8 9 14 16 18
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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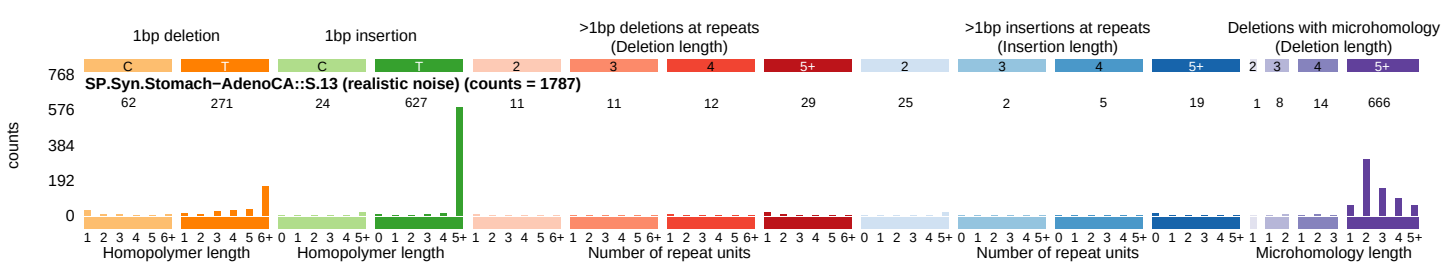
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.12 (realistic noise) (counts = 427)
10 351 23 17 4 4 1 0 9 2 3 2 0 0 1 0
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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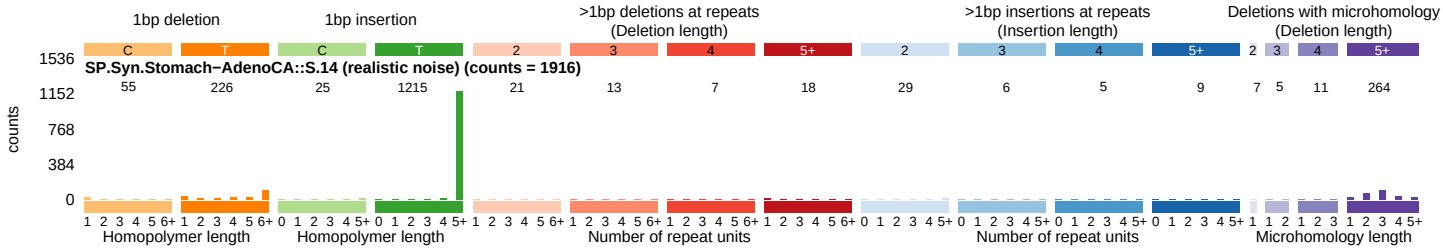
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.13 (realistic noise) (counts = 1787)
62 271 24 627 11 11 12 29 25 2 5 19 1 8 14 666
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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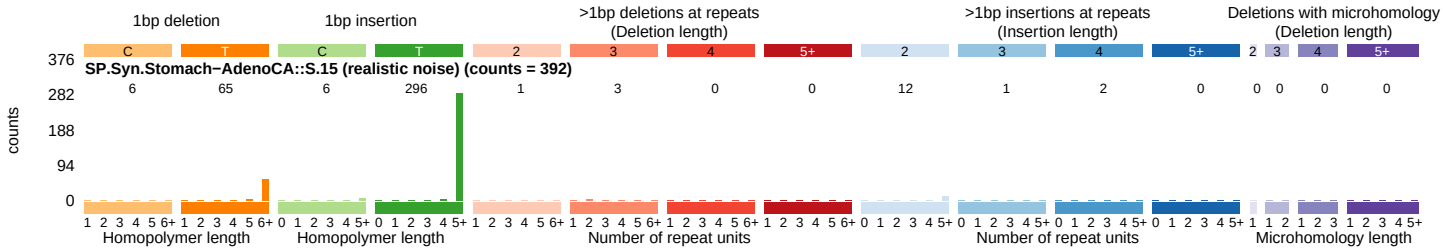
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.14 (realistic noise) (counts = 1916)
55 226 25 1215 21 13 7 18 29 6 5 9 7 5 11 264
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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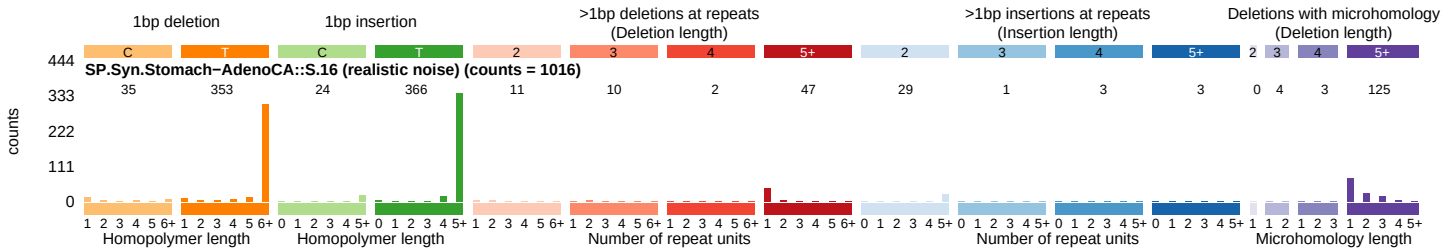
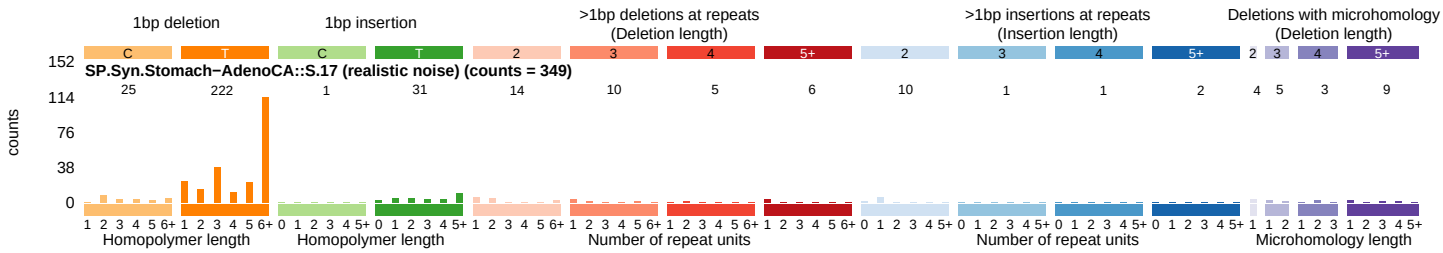
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.15 (realistic noise) (counts = 392)
6 65 6 296 1 3 0 0 12 1 2 0 0 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length


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.16 (realistic noise) (counts = 1016)
35 353 24 366 11 10 2 47 29 1 3 3 0 4 3 125
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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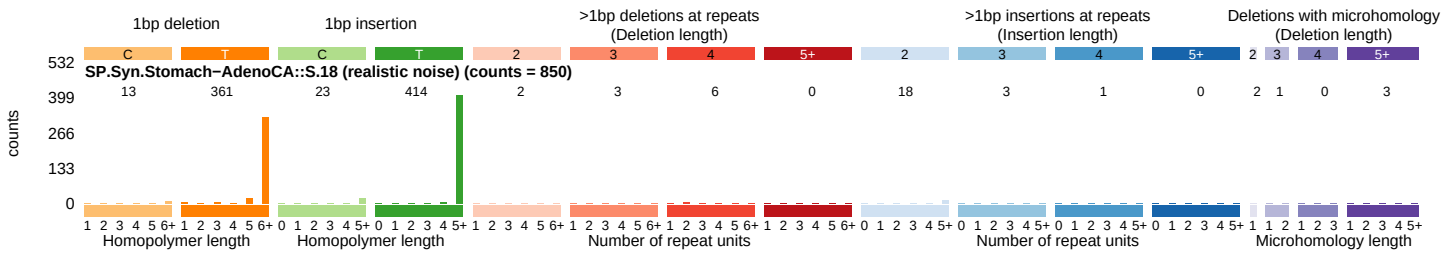
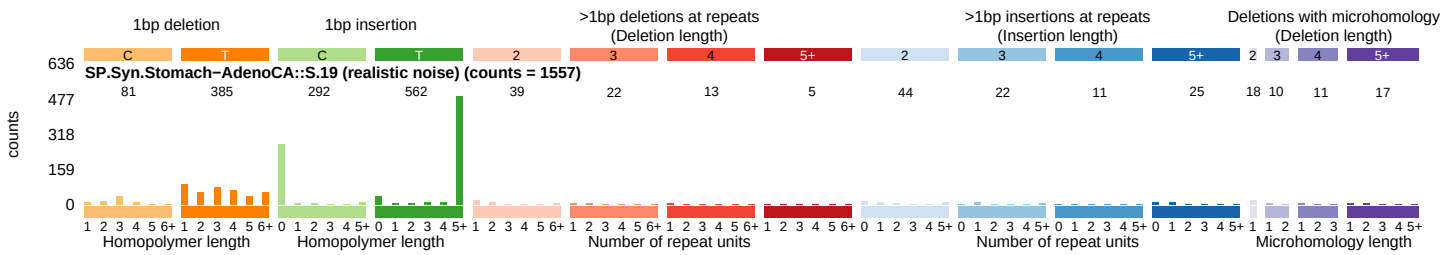
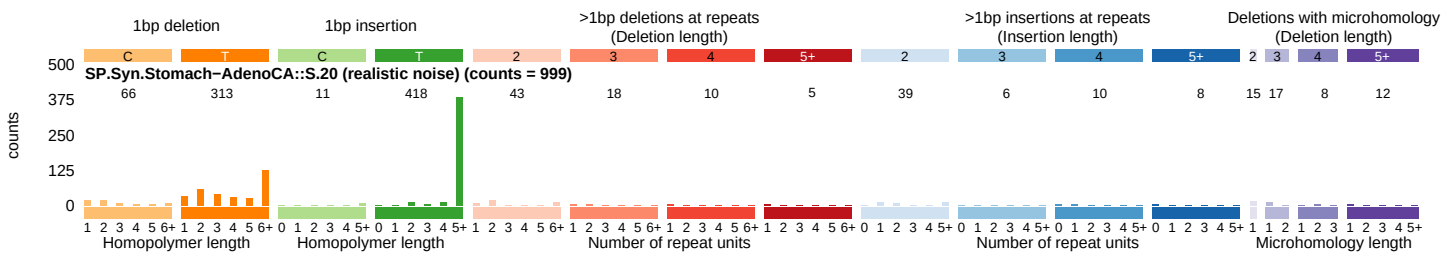
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.17 (realistic noise) (counts = 349)
25 222 1 31 14 10 5 6 10 1 1 2 4 5 3 9
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.18 (realistic noise) (counts = 850)
13 361 23 414 2 3 6 0 18 3 1 0 2 1 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.Stomach−AdenoCA::S.19 (realistic noise) (counts = 1557)
81 385 292 562 39 22 13 5 44 22 11 25 18 10 11 17
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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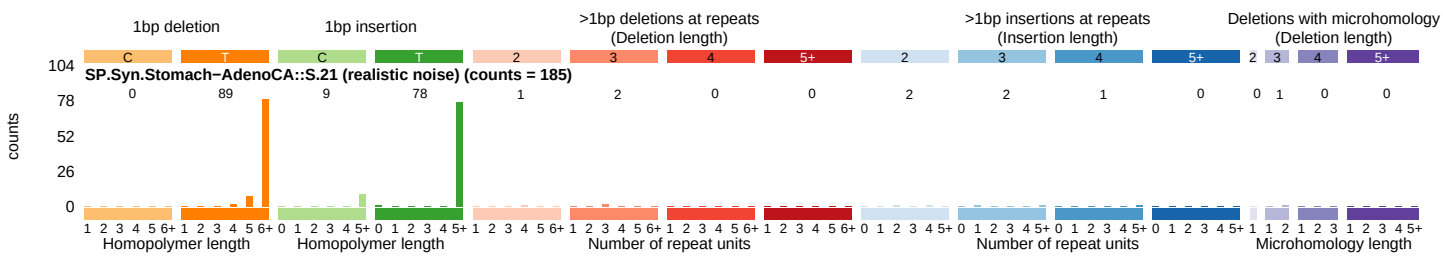
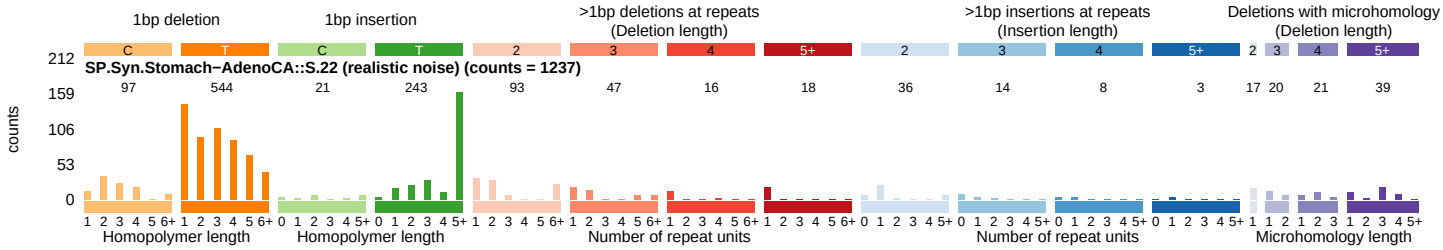
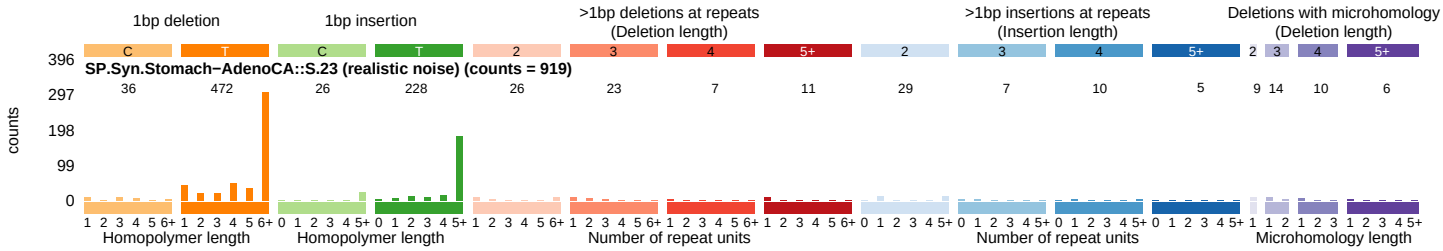
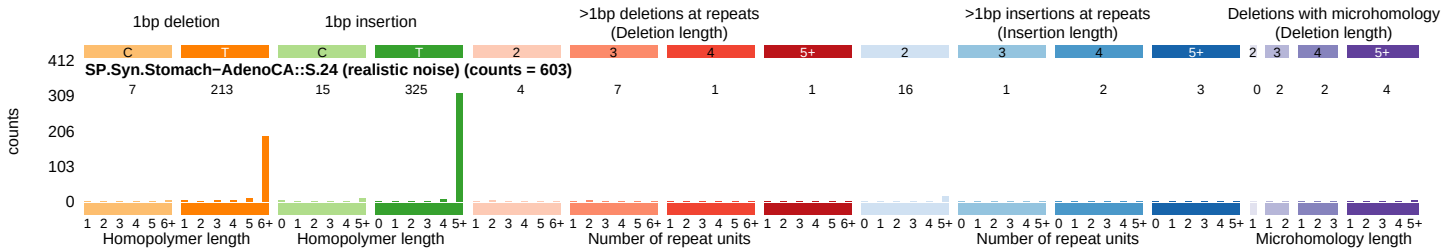
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.20 (realistic noise) (counts = 999)
66 313 11 418 43 18 10 5 39 6 10 8 15 17 8 12
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (realistic noise) (counts = 185)
0 89 9 78 1 2 0 0 2 2 1 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.Stomach−AdenoCA::S.22 (realistic noise) (counts = 1237)
97 544 21 243 93 47 16 18 36 14 8 3 17 20 21 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.Stomach−AdenoCA::S.23 (realistic noise) (counts = 919)
36 472 26 228 26 23 7 11 29 7 10 5 9 14 10 6
counts
Homopolymer length
Number of repeat units
Microhomology length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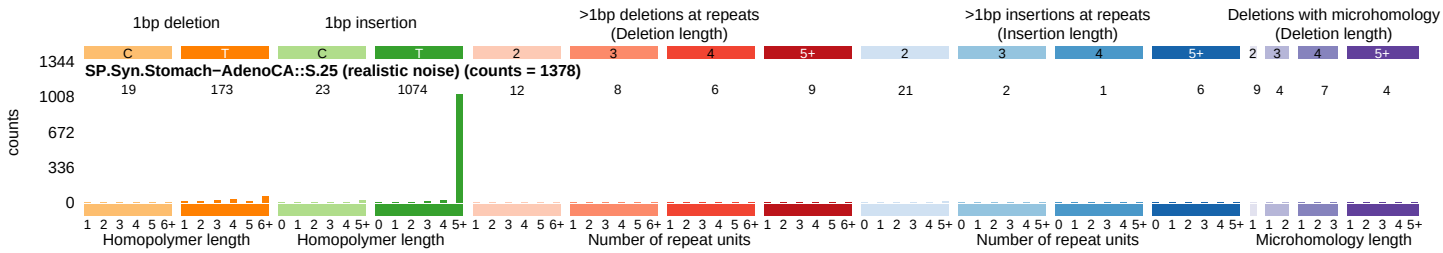
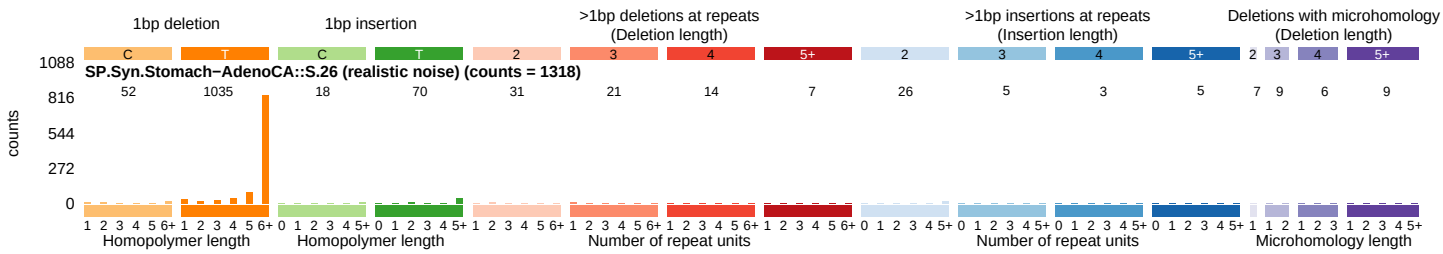
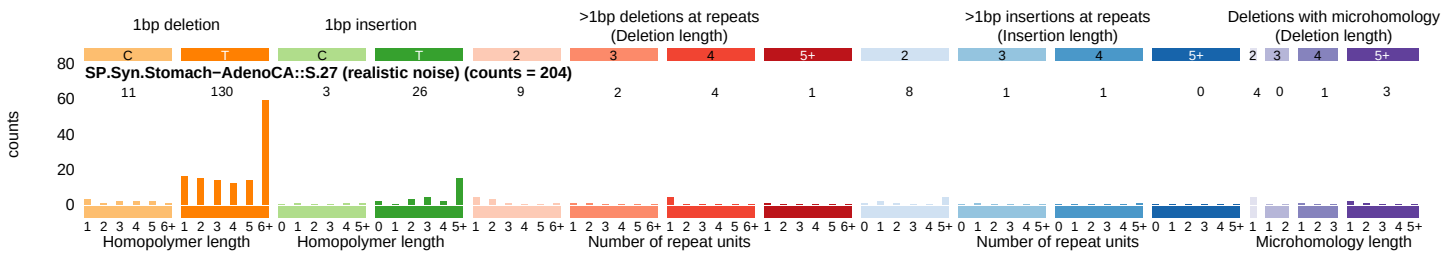
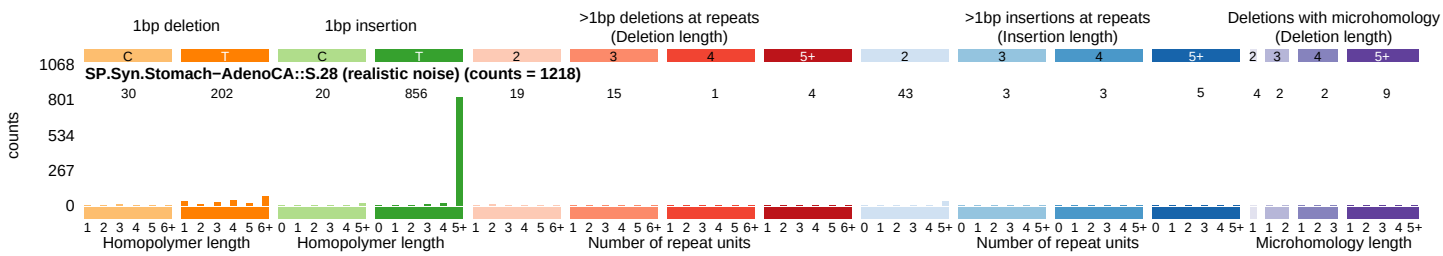
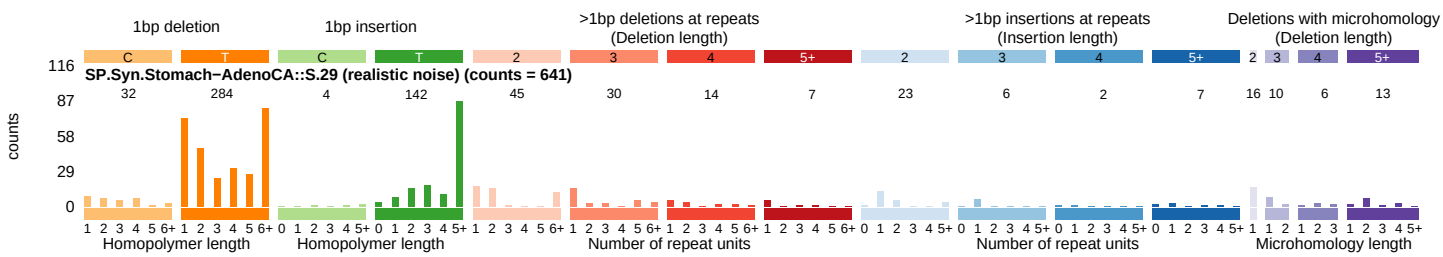
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.24 (realistic noise) (counts = 603)
7 213 15 325 4 7 1 1 16 1 2 3 0 2 2 4
counts
Homopolymer length
Number of repeat units
Microhomology length

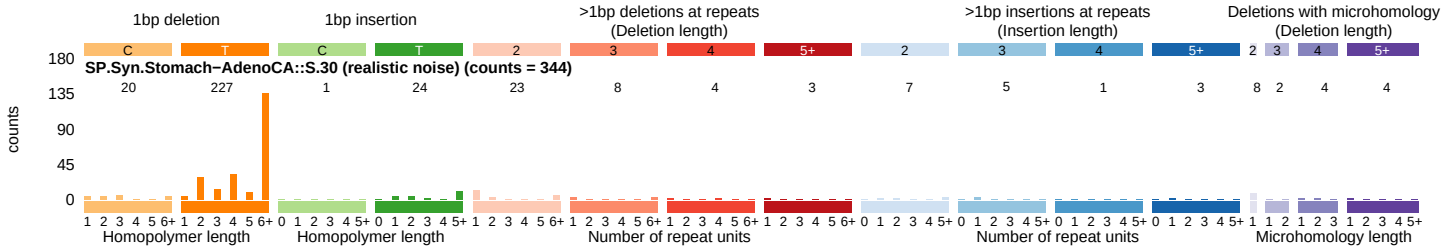

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.25 (realistic noise) (counts = 1378)
19 173 23 1074 12 8 6 9 21 2 1 6 9 4 7 4
counts
Homopolymer length
Number of repeat units
Microhomology length

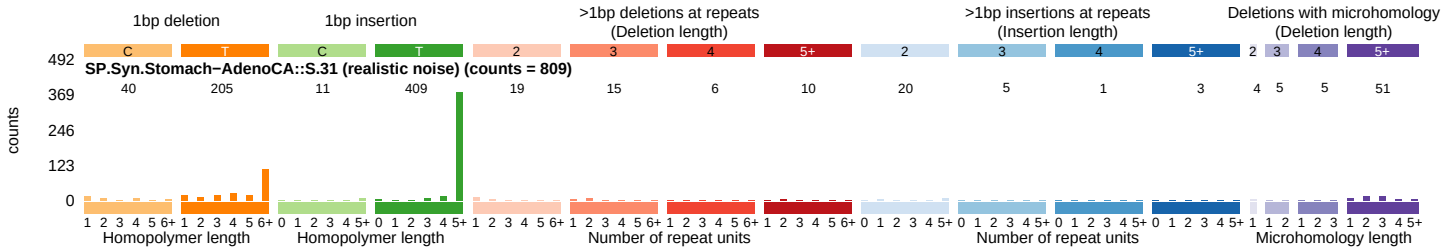

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.26 (realistic noise) (counts = 1318)
52 1035 18 70 31 21 14 7 26 5 3 5 7 9 6 9
counts
Homopolymer length
Number of repeat units
Microhomology length

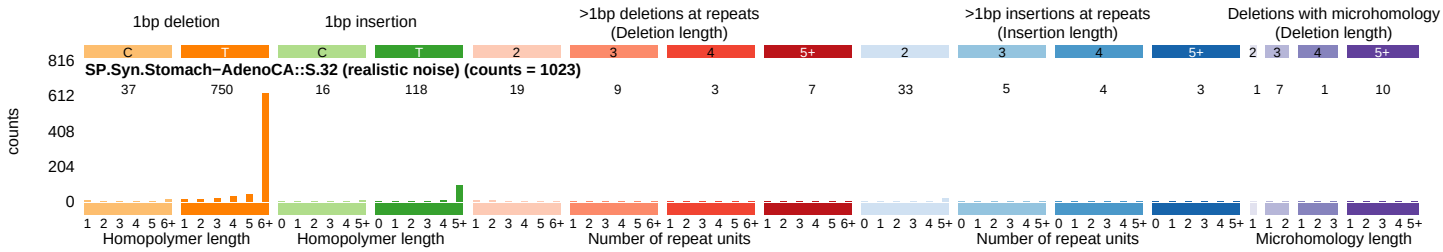

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.27 (realistic noise) (counts = 204)
11 130 3 26 9 2 4 1 8 1 1 0 4 0 1 3
counts
Homopolymer length
Number of repeat units
Microhomology length

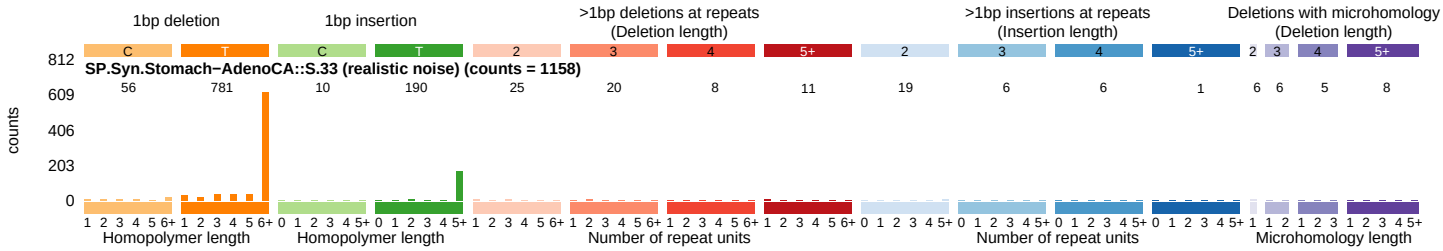

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.28 (realistic noise) (counts = 1218)
30 202 20 856 19 15 1 4 43 3 3 5 4 2 2 9
counts
Homopolymer length
Number 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.Stomach−AdenoCA::S.29 (realistic noise) (counts = 641)
32 284 4 142 45 30 14 7 23 6 2 7 16 10 6 13
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.30 (realistic noise) (counts = 344)
counts
Homopolymer length
Number of repeat units
Microhomology 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.31 (realistic noise) (counts = 809)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.32 (realistic noise) (counts = 1023)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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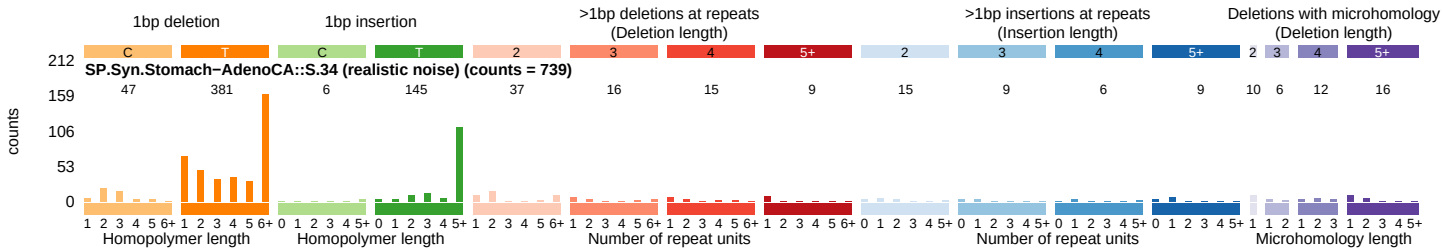
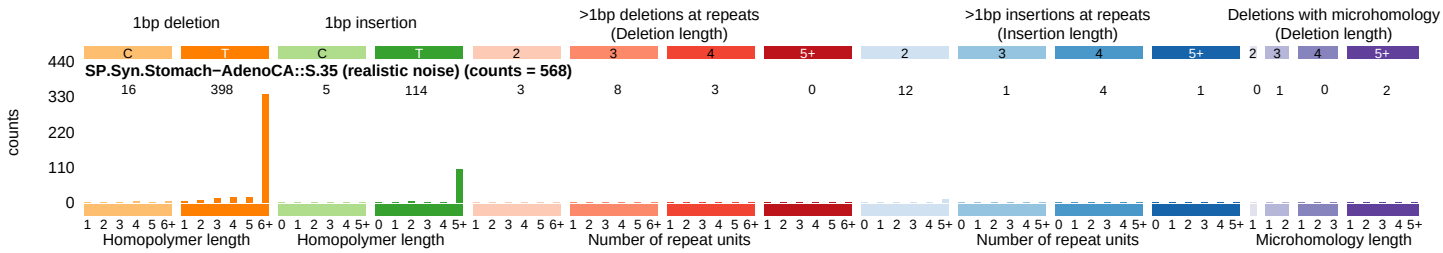
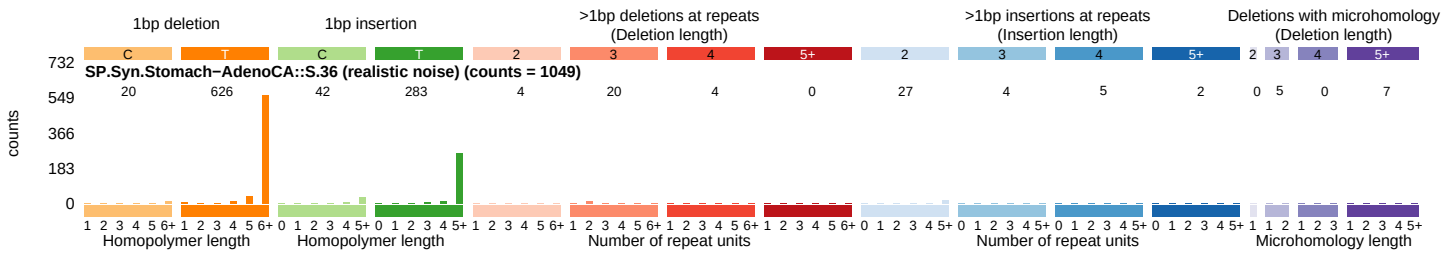
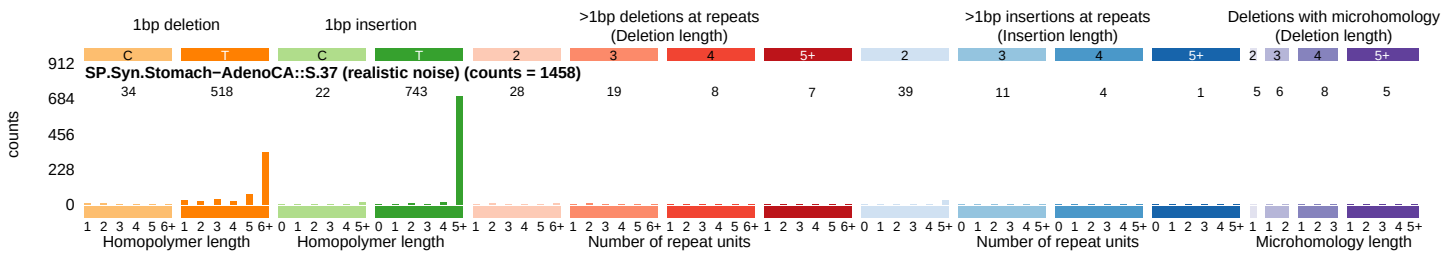
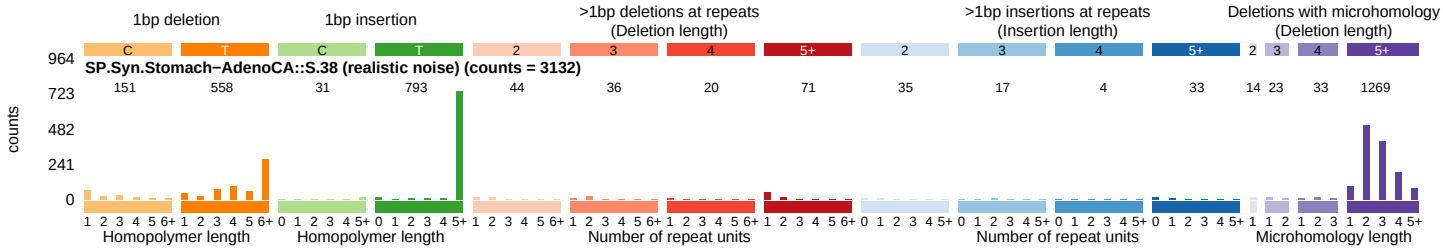
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.33 (realistic noise) (counts = 1158)
counts
Homopolymer length
Number of repeat units
Microhomology length

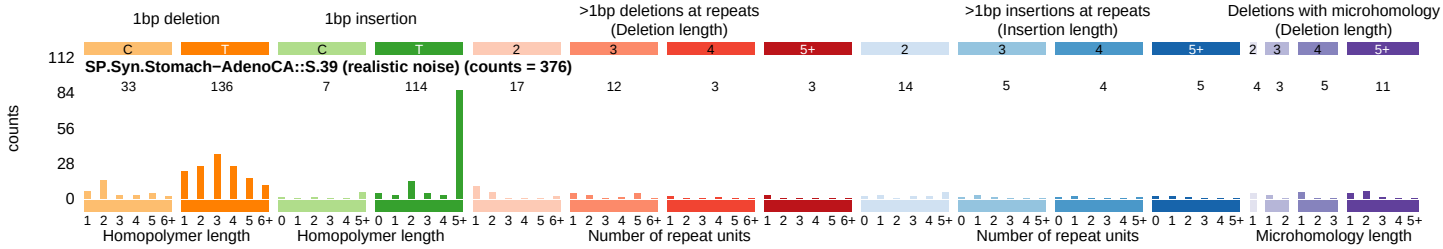

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.34 (realistic noise) (counts = 739)
counts
Homopolymer length
Number of repeat units
Microhomology length

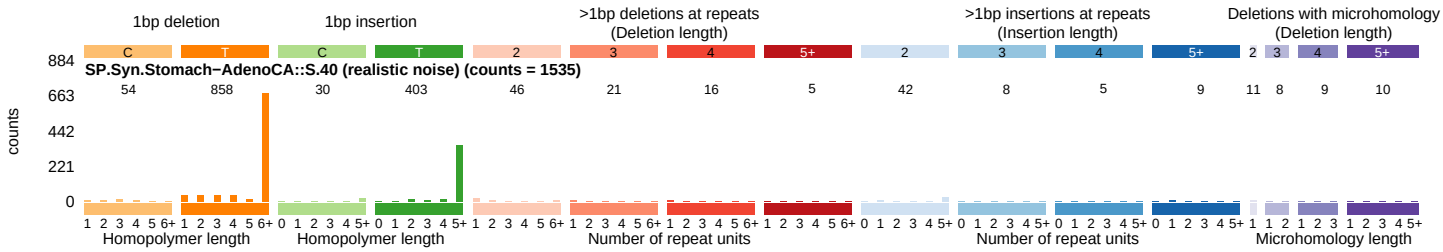

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.35 (realistic noise) (counts = 568)
counts
Homopolymer length
Number of repeat units
Microhomology length

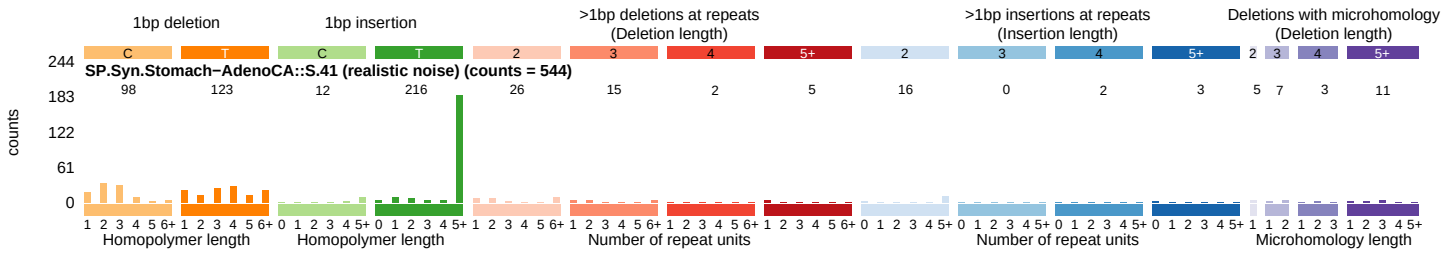

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.36 (realistic noise) (counts = 1049)
counts
Homopolymer length
Number of repeat units
Microhomology length

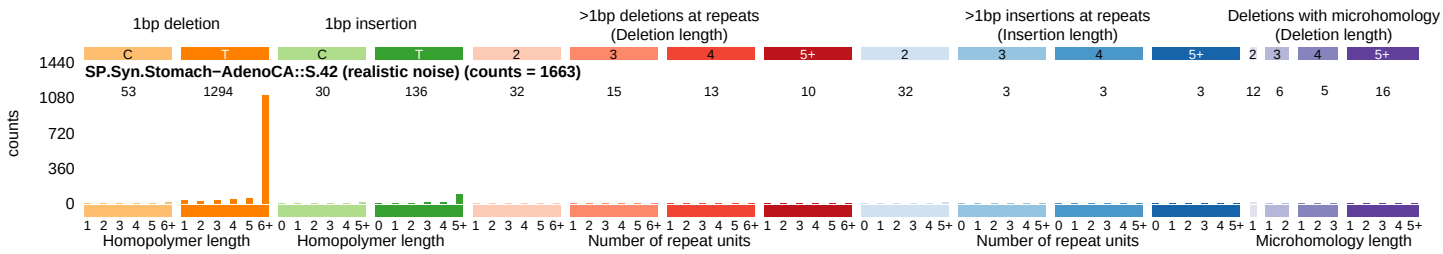

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.37 (realistic noise) (counts = 1458)
counts
Homopolymer length
Number of repeat units
Microhomology length

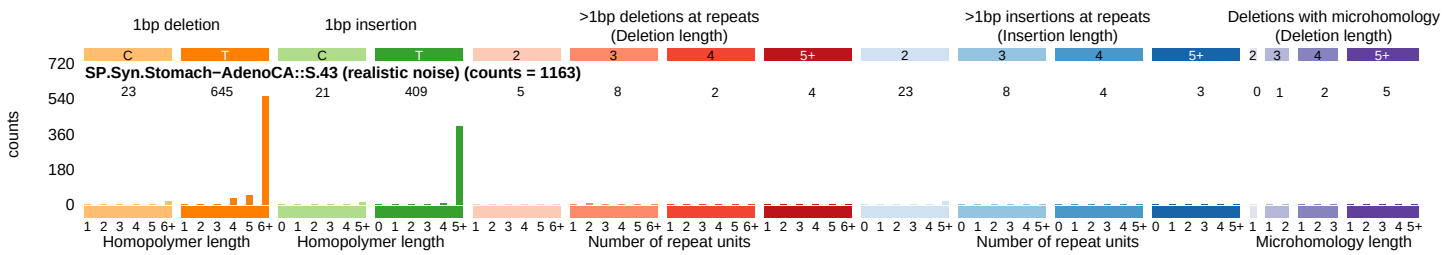

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.38 (realistic noise) (counts = 3132)
151 558 31 793 44 36 20 71 35 17 4 33 14 23 33 1269
counts
964 723 482 241 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

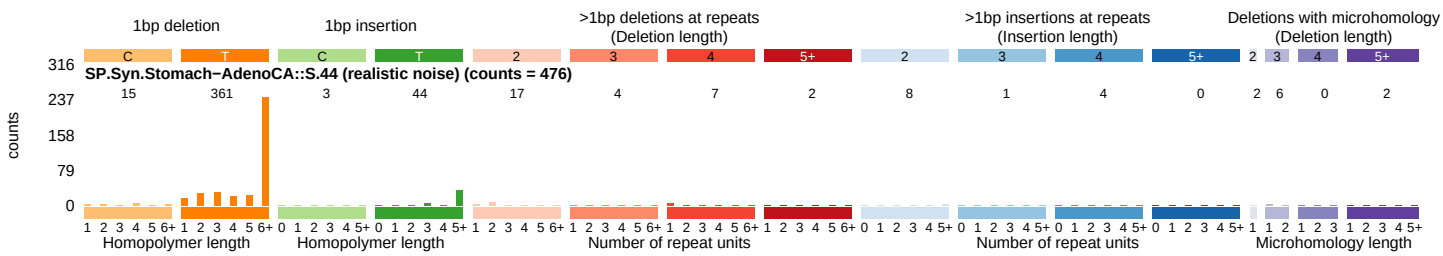

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.39 (realistic noise) (counts = 376)
33 136 7 114 17 12 3 3 14 5 4 5 4 3 5 11
counts
112 84 56 28 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

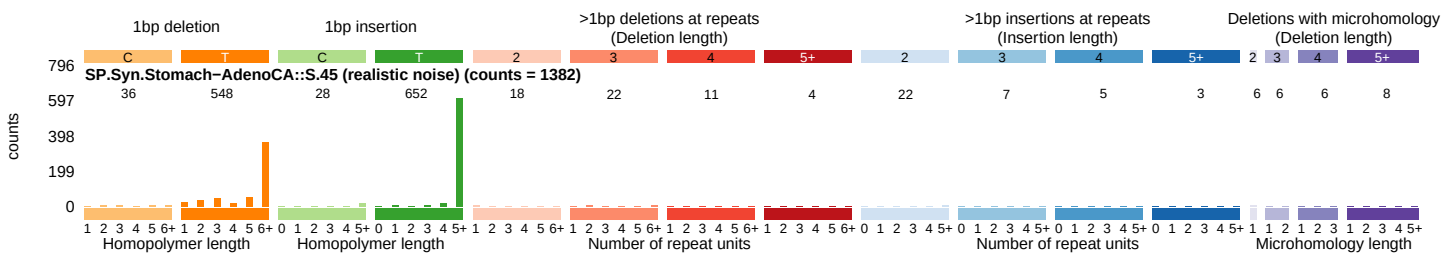

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.40 (realistic noise) (counts = 1535)
54 858 30 403 46 21 16 5 42 8 5 9 11 8 9 10
counts
884 663 442 221 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

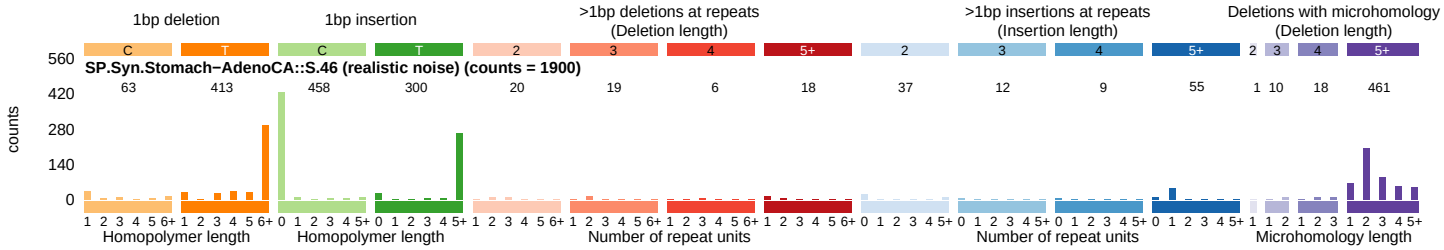

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.41 (realistic noise) (counts = 544)
98 123 12 216 26 15 2 5 16 0 2 3 5 7 3 11
counts
244 183 122 61 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

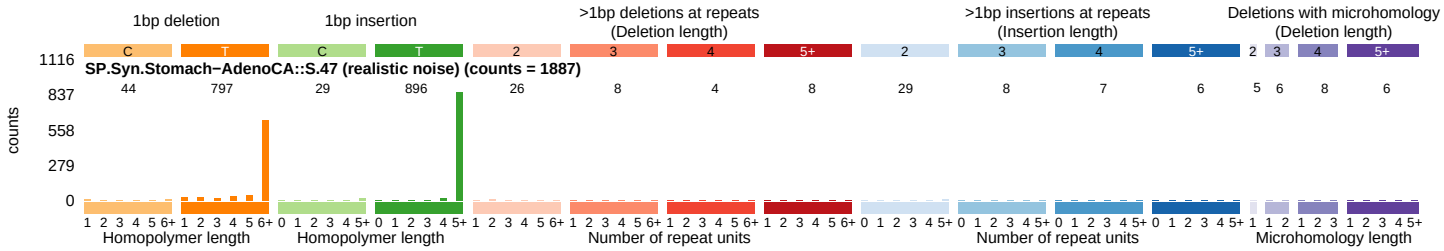

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.42 (realistic noise) (counts = 1663)
53 1294 30 136 32 15 13 10 32 3 3 3 12 6 5 16
counts
1440 1080 720 360 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

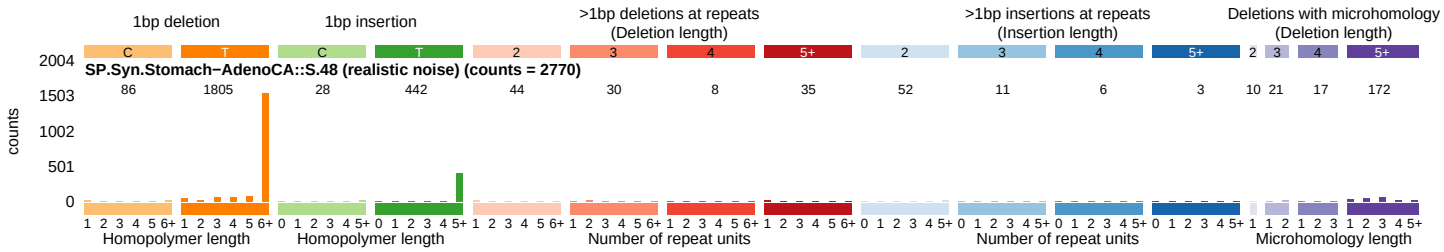

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.43 (realistic noise) (counts = 1163)
23 645 21 409 5 8 2 4 23 8 4 3 0 1 2 5
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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.44 (realistic noise) (counts = 476)
15 361 3 44 17 4 7 2 8 1 4 0 2 6 0 2
counts
316 237 158 79 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.45 (realistic noise) (counts = 1382)
36 548 28 652 18 22 11 4 22 7 5 3 6 6 6 8
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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.46 (realistic noise) (counts = 1900)
63 413 458 300 20 19 6 18 37 12 9 55 1 10 18 461
counts
560 420 280 140 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.47 (realistic noise) (counts = 1887)
44 797 29 896 26 8 4 8 29 8 7 6 5 6 8 6
counts
1116 837 558 279 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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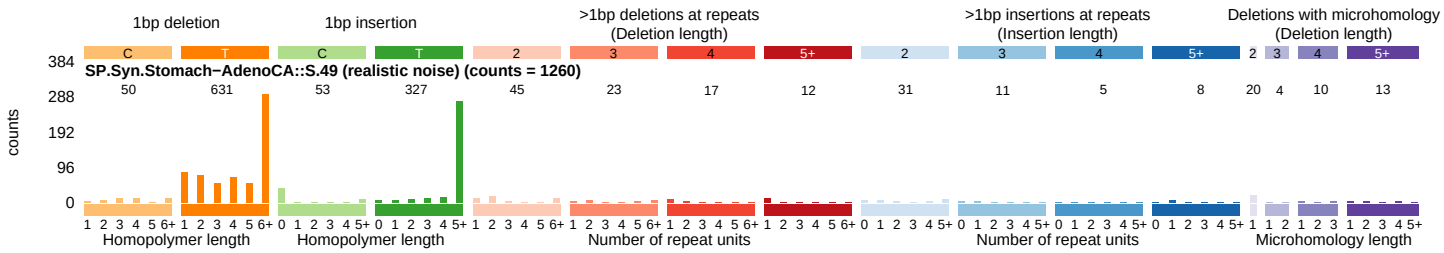
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.48 (realistic noise) (counts = 2770)
86 1805 28 442 44 30 8 35 52 11 6 3 10 21 17 172
counts
2004 1503 1002 501 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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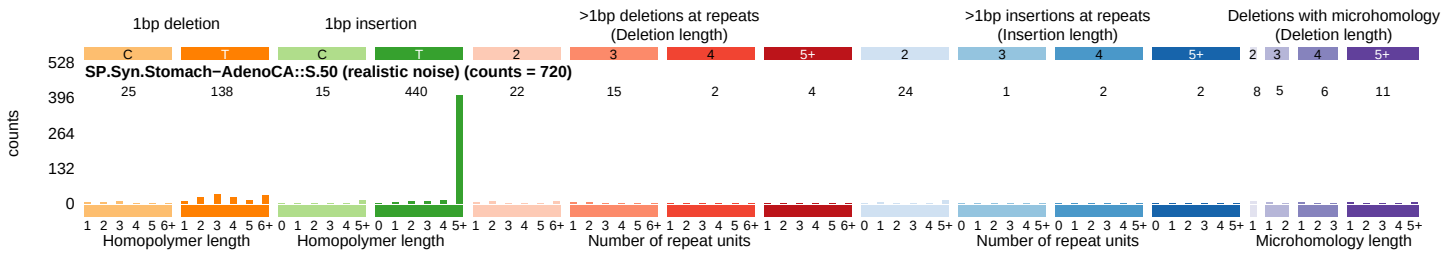
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.49 (realistic noise) (counts = 1260)
50 631 53 327 45 23 17 12 31 11 5 8 20 4 10 13
counts
384 288 192 96 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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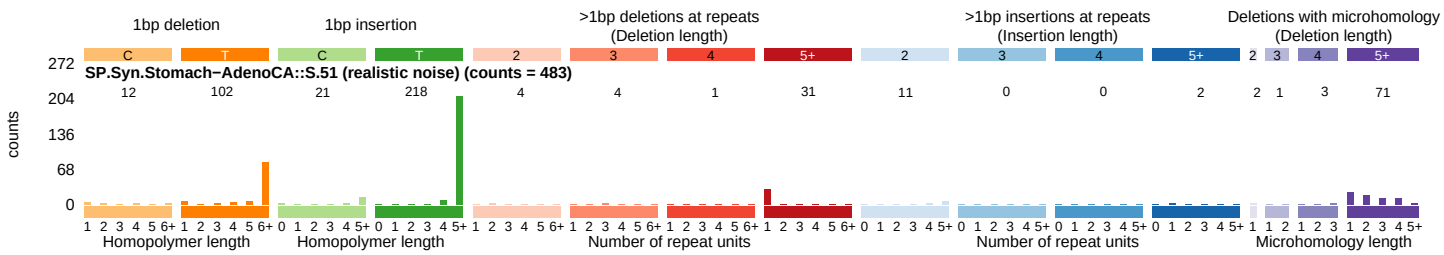
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.50 (realistic noise) (counts = 720)
25 138 15 440 22 15 2 4 24 1 2 2 8 5 6 11
counts
528 396 264 132 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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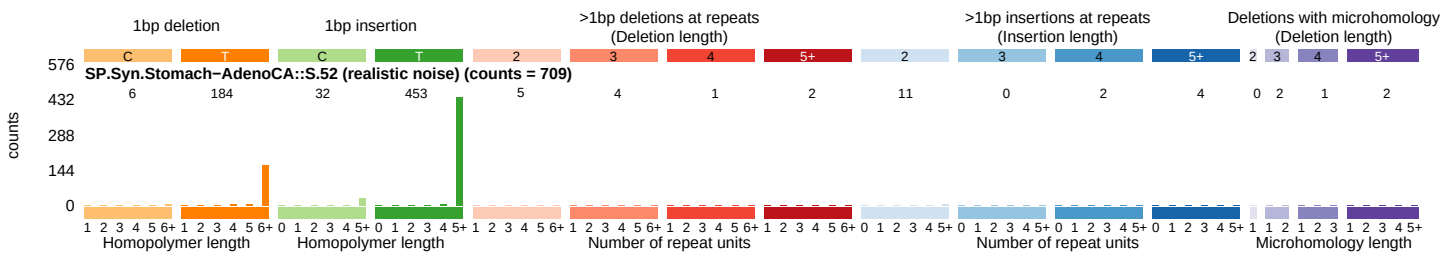
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.51 (realistic noise) (counts = 483)
12 102 21 218 4 4 1 31 11 0 0 2 2 1 3 71
counts
272 204 136 68 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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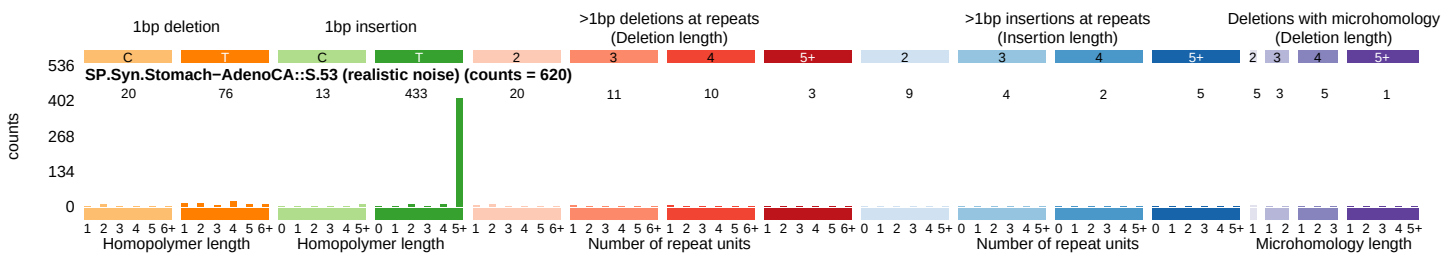
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.52 (realistic noise) (counts = 709)
6 184 32 453 5 4 1 2 11 0 2 4 0 2 1 2
counts
576 432 288 144 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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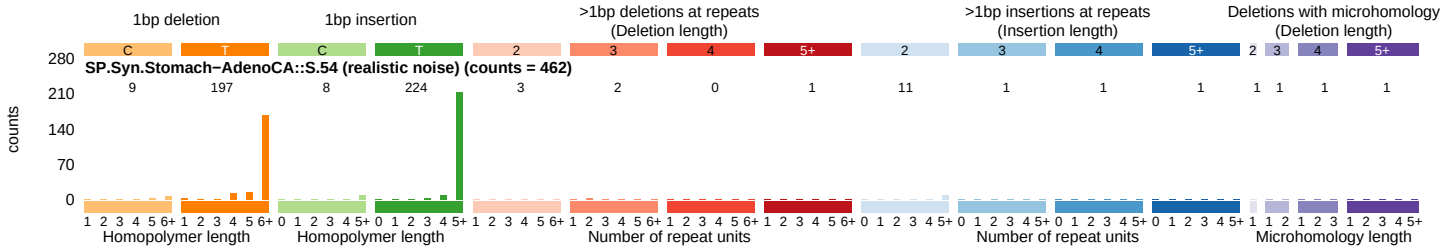
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.53 (realistic noise) (counts = 620)
20 76 13 433 20 11 10 3 9 4 2 5 5 3 5 1
counts
536 402 268 134 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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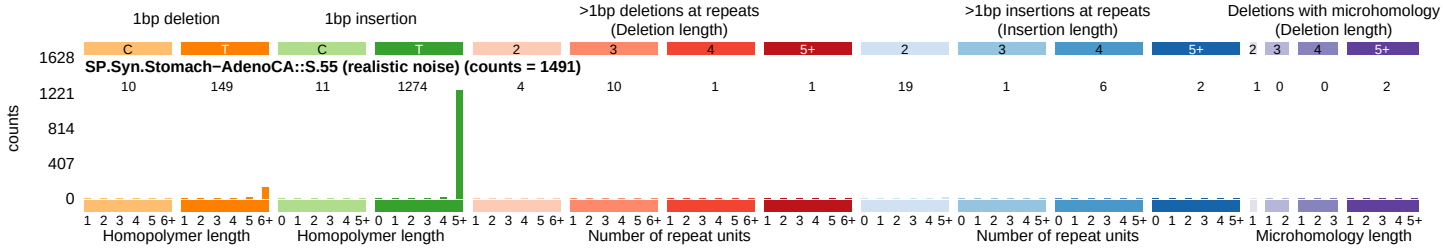
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.54 (realistic noise) (counts = 462)
9 197 8 224 3 2 0 1 11 1 1 1 1 1 1 1
counts
Homopolymer length
Number of repeat units
Microhomology length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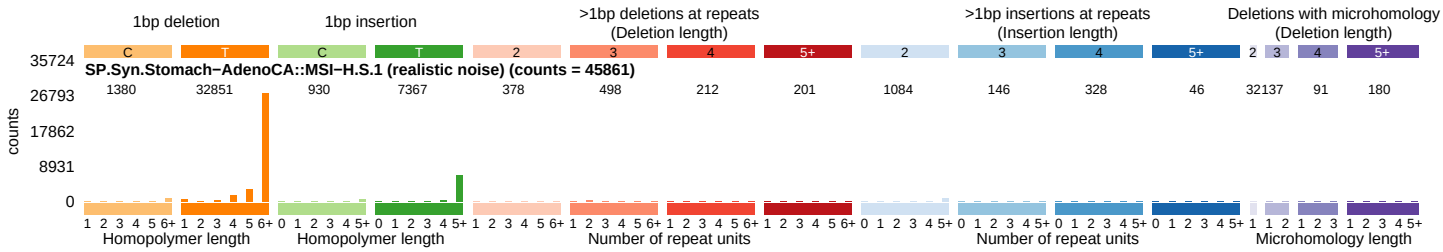
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.55 (realistic noise) (counts = 1491)
10 149 11 1274 4 10 1 1 19 1 6 2 1 0 0 2
counts
Homopolymer length
Number of repeat units
Microhomology length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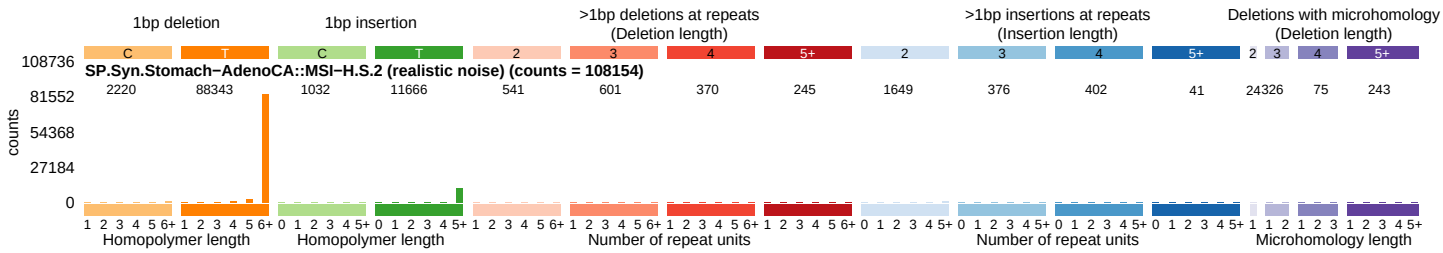
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::MSI−H.S.1 (realistic noise) (counts = 45861)
1380 32851 930 7367 378 498 212 201 1084 146 328 46 32137 91 180
counts
Homopolymer length
Number of repeat units
Microhomology length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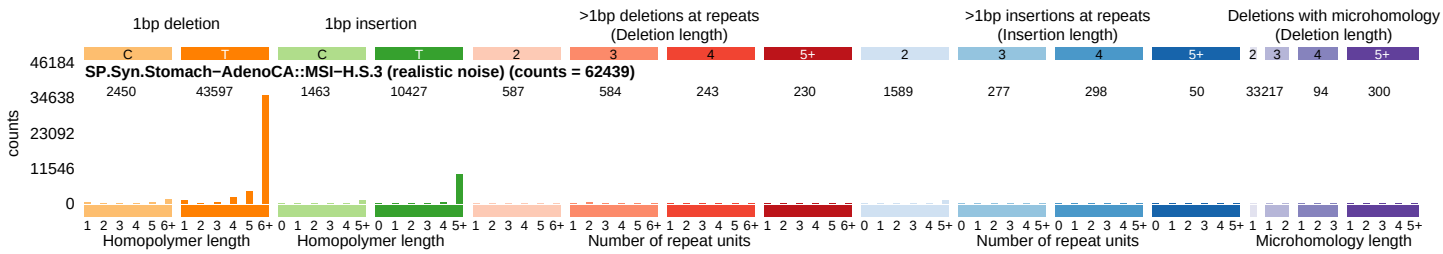
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::MSI−H.S.2 (realistic noise) (counts = 108154)
2220 88343 1032 11666 541 601 370 245 1649 376 402 41 24326 75 243
counts
Homopolymer length
Number of repeat units
Microhomology length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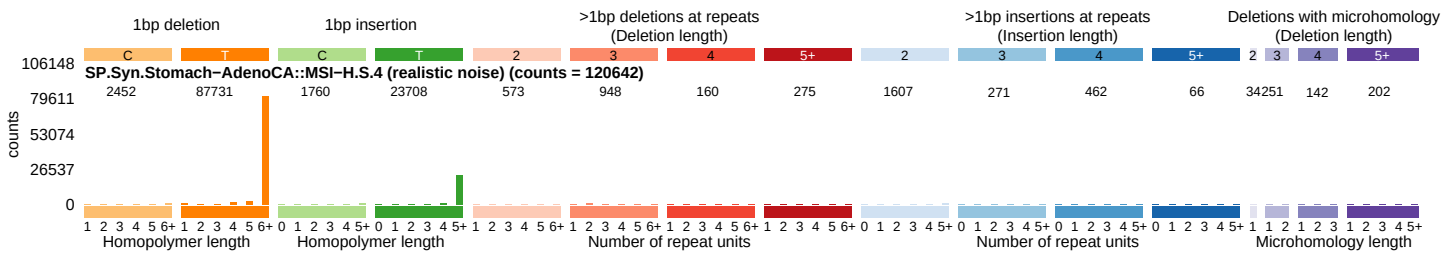
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::MSI−H.S.3 (realistic noise) (counts = 62439)
2450 43597 1463 10427 587 584 243 230 1589 277 298 50 33217 94 300
counts
Homopolymer length
Number of repeat units
Microhomology length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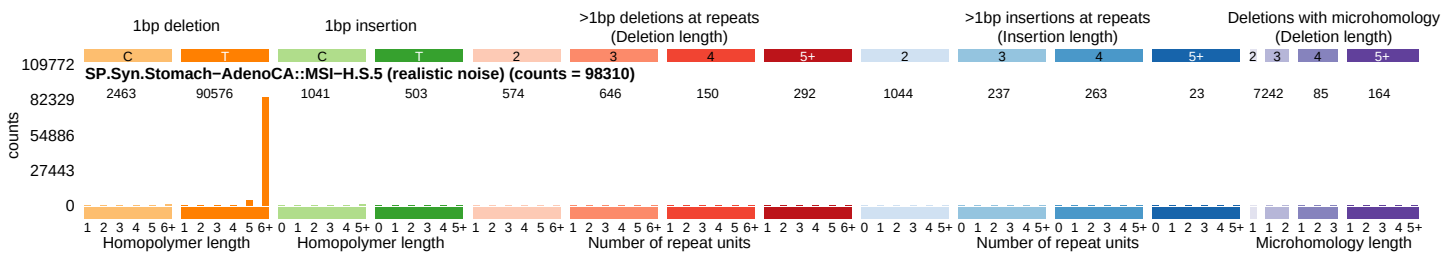
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::MSI−H.S.4 (realistic noise) (counts = 120642)
2452 87731 1760 23708 573 948 160 275 1607 271 462 66 34251 142 202
counts
Homopolymer length
Number of repeat units
Microhomology length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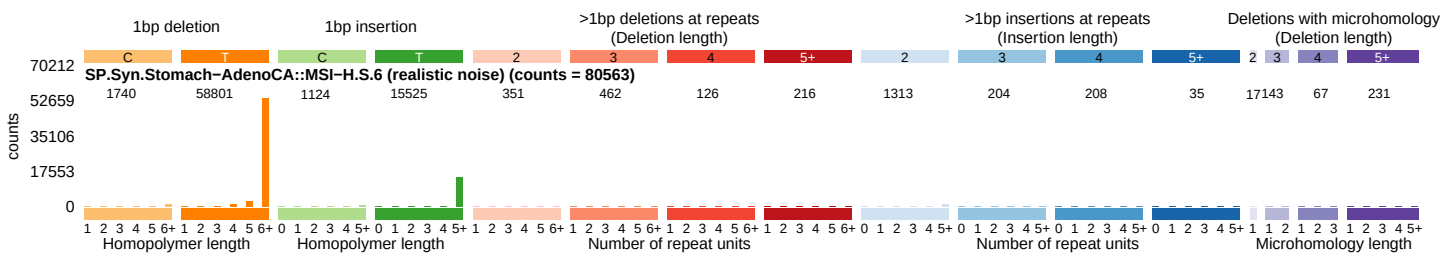
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::MSI−H.S.5 (realistic noise) (counts = 98310)
2463 90576 1041 503 574 646 150 292 1044 237 263 23 7242 85 164
counts
Homopolymer length
Number of repeat units
Microhomology length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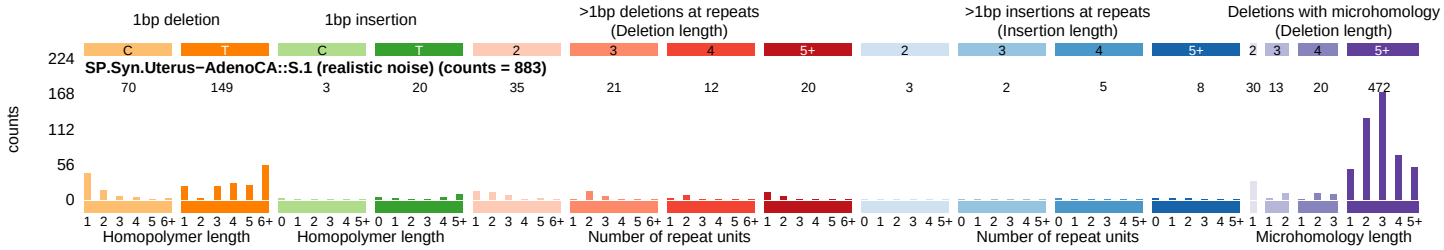
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::MSI−H.S.6 (realistic noise) (counts = 80563)
1740 58801 1124 15525 351 462 126 216 1313 204 208 35 17143 67 231
counts
Homopolymer length
Number of repeat units
Microhomology length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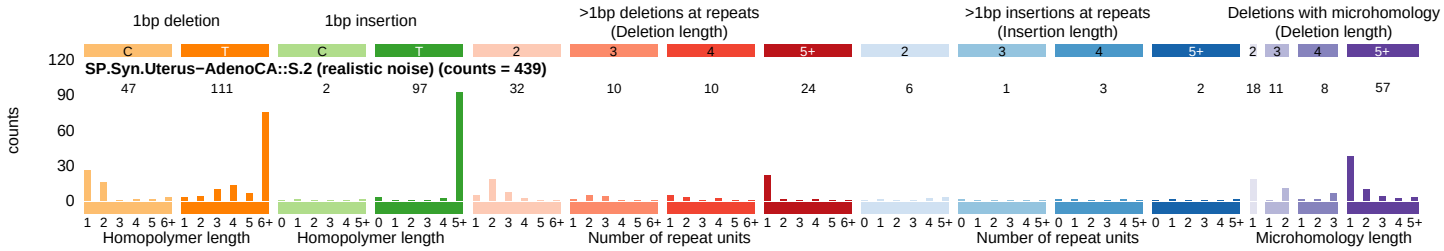
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.1 (realistic noise) (counts = 883)
70 149 3 20 35 21 12 20 3 2 5 8 30 13 20 472
counts
Homopolymer length
Number of repeat units
Microhomology length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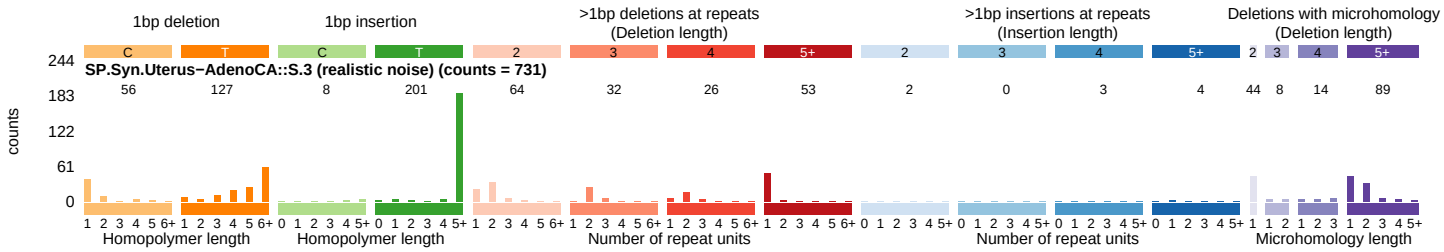
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.2 (realistic noise) (counts = 439)
47 111 2 97 32 10 10 24 6 1 3 2 18 11 8 57
counts
Homopolymer length
Number of repeat units
Microhomology length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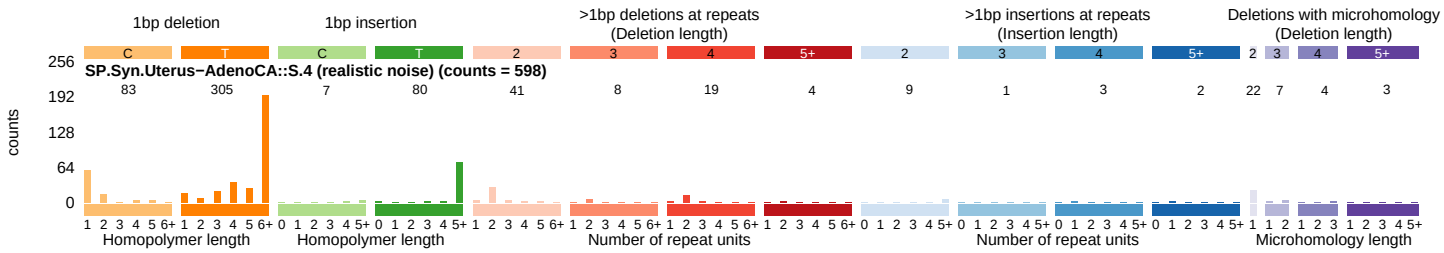
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.3 (realistic noise) (counts = 731)
56 127 8 201 64 32 26 53 2 0 3 4 44 8 14 89
counts
Homopolymer length
Number of repeat units
Microhomology length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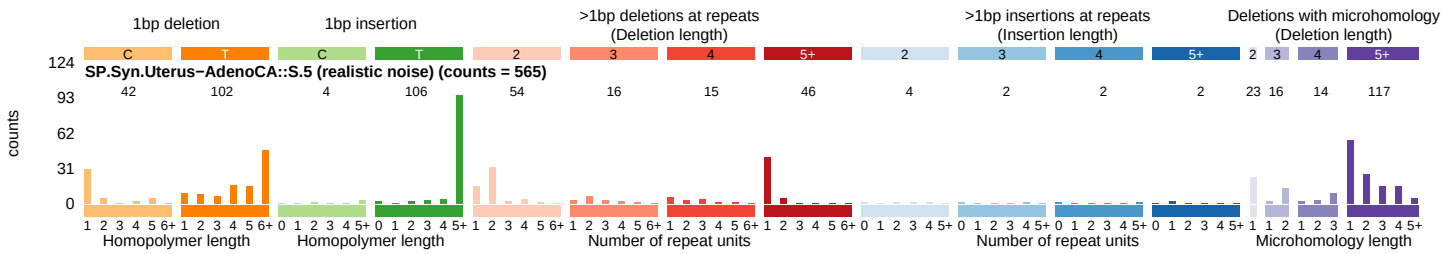
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.4 (realistic noise) (counts = 598)
83 305 7 80 41 8 19 4 9 1 3 2 22 7 4 3
counts
Homopolymer length
Number of repeat units
Microhomology length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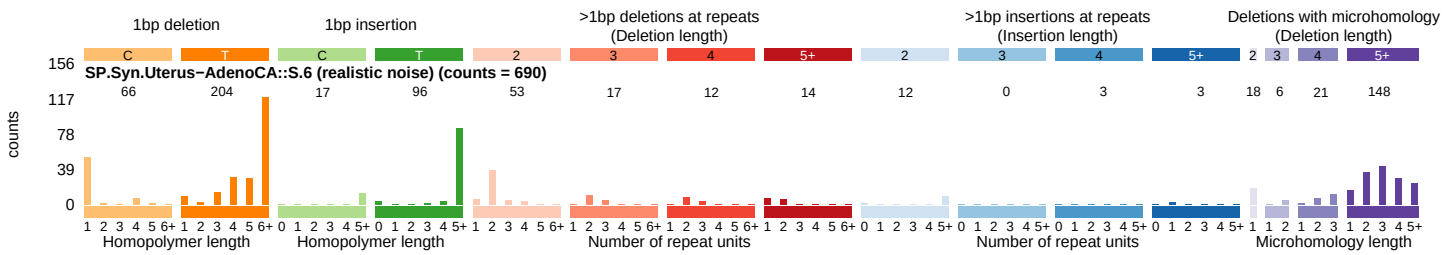
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.5 (realistic noise) (counts = 565)
42 102 4 106 54 16 15 46 4 2 2 2 23 16 14 117
counts
Homopolymer length
Number of repeat units
Microhomology length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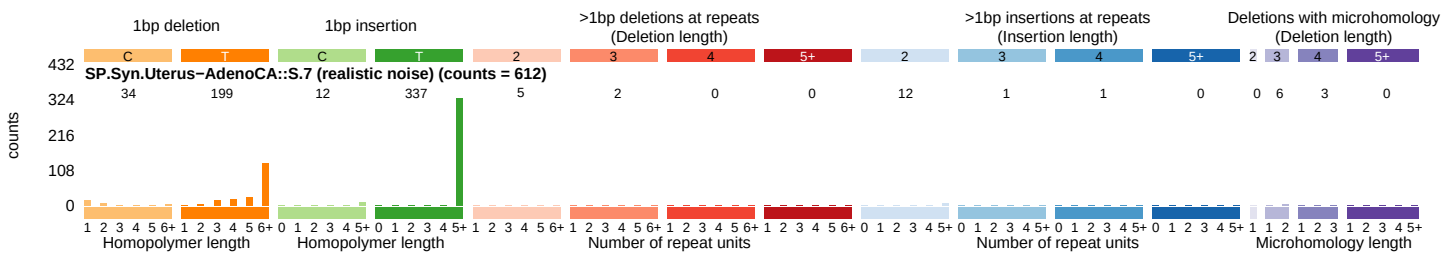
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.6 (realistic noise) (counts = 690)
66 204 17 96 53 17 12 14 12 0 3 3 18 6 21 148
counts
Homopolymer length
Number of repeat units
Microhomology length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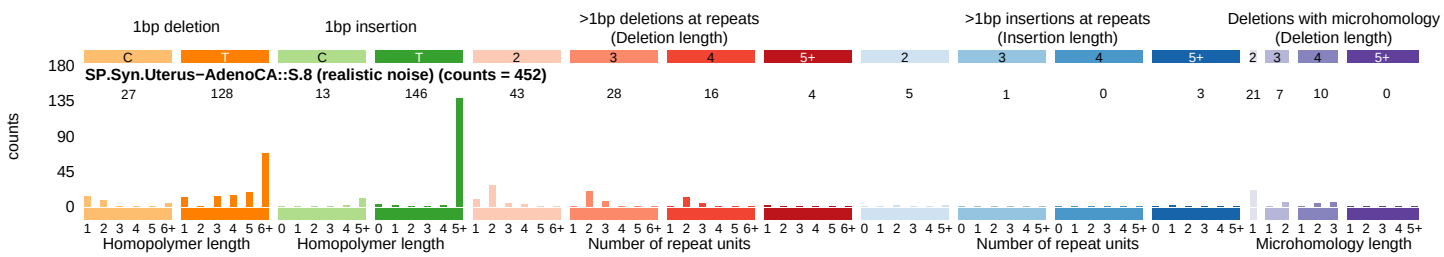
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.7 (realistic noise) (counts = 612)
34 199 12 337 5 2 0 0 12 1 1 0 0 6 3 0
counts
Homopolymer length
Number of repeat units
Microhomology length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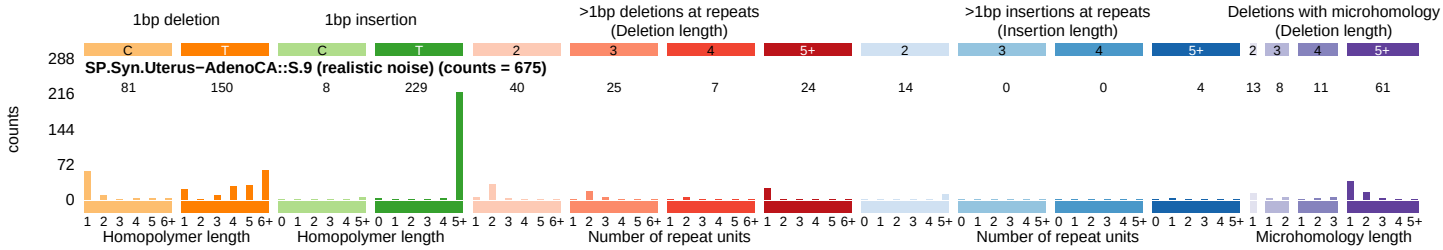
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.8 (realistic noise) (counts = 452)
27 128 13 146 43 28 16 4 5 1 0 3 21 7 10 0
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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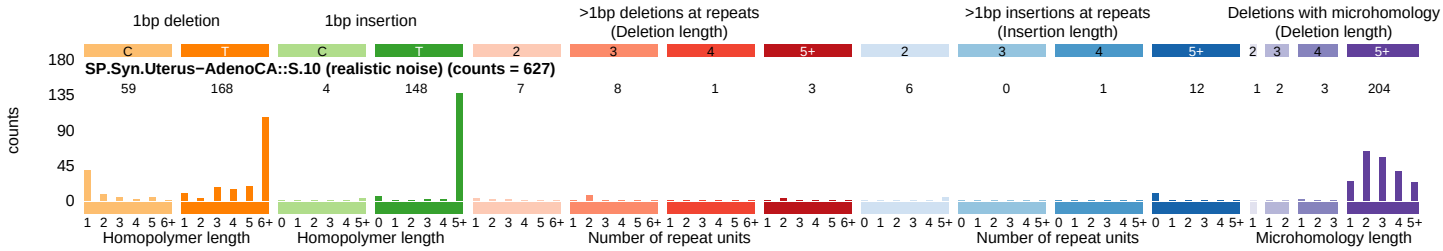
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.9 (realistic noise) (counts = 675)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
81 150 8 229 40 25 7 24 14 0 0 4 13 8 11 61
counts
Homopolymer length
Number of repeat units
Microhomology length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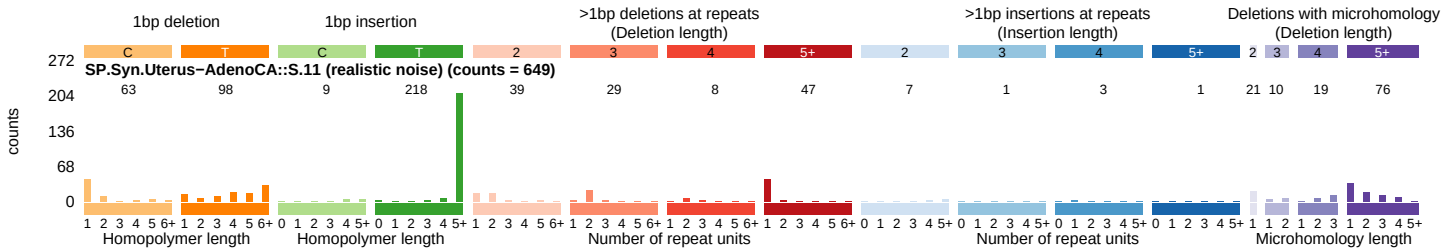
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.10 (realistic noise) (counts = 627)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
59 168 4 148 7 8 1 3 6 0 1 12 1 2 3 204
counts
Homopolymer length
Number of repeat units
Microhomology length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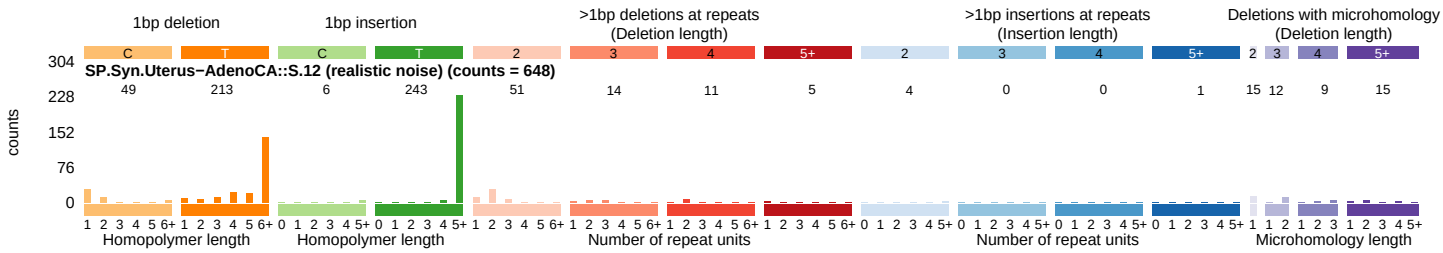
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.11 (realistic noise) (counts = 649)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
63 98 9 218 39 29 8 47 7 1 3 1 21 10 19 76
counts
Homopolymer length
Number of repeat units
Microhomology length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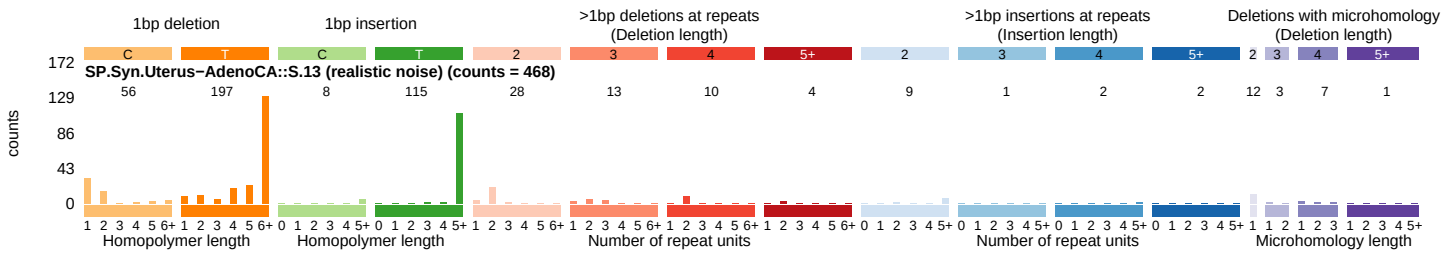
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.12 (realistic noise) (counts = 648)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
49 213 6 243 51 14 11 5 4 0 0 1 15 12 9 15
counts
Homopolymer length
Number of repeat units
Microhomology length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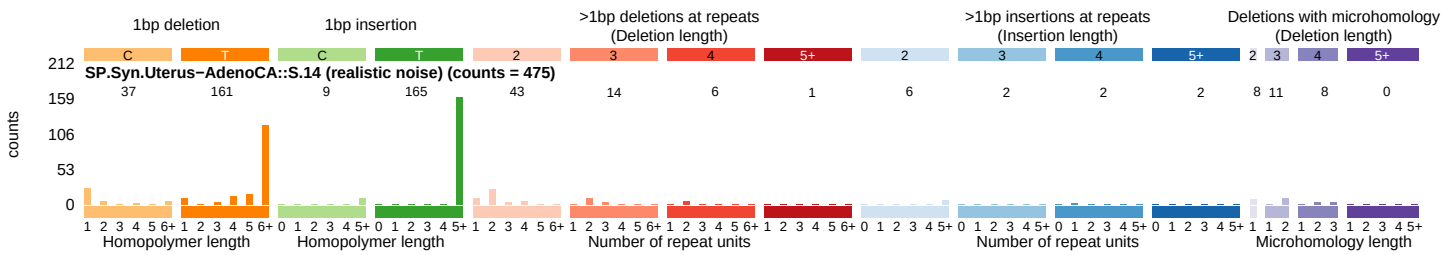
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.13 (realistic noise) (counts = 468)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
56 197 8 115 28 13 10 4 9 1 2 2 12 3 7 1
counts
Homopolymer length
Number of repeat units
Microhomology length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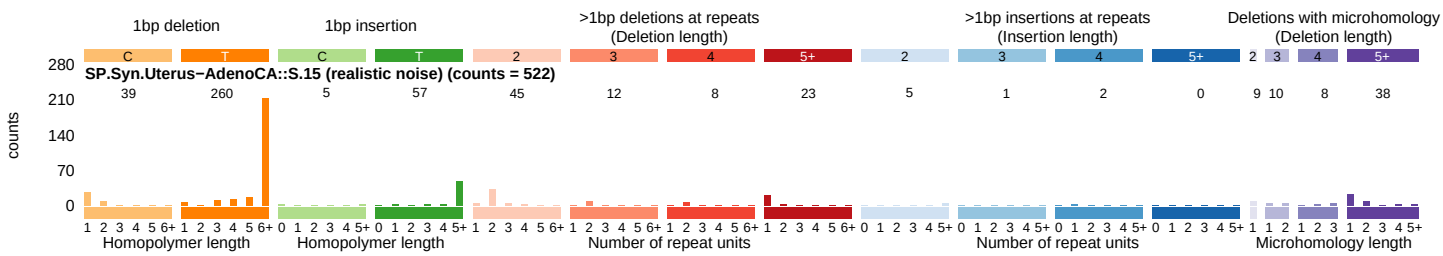
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.14 (realistic noise) (counts = 475)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
37 161 9 165 43 14 6 1 6 2 2 2 8 11 8 0
counts
Homopolymer length
Number of repeat units
Microhomology length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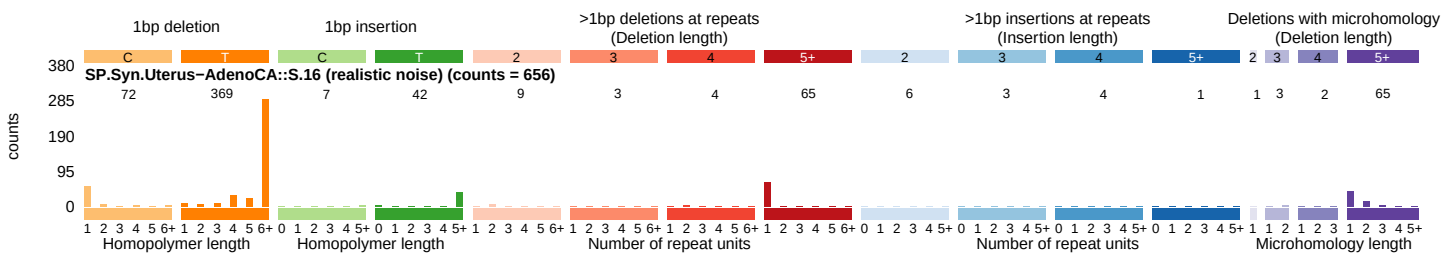
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.15 (realistic noise) (counts = 522)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
39 260 5 57 45 12 8 23 5 1 2 0 9 10 8 38
counts
Homopolymer length
Number of repeat units
Microhomology length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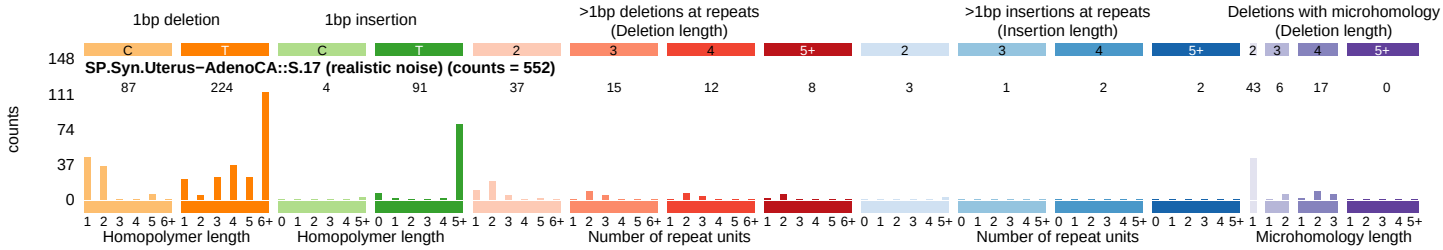
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.16 (realistic noise) (counts = 656)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
72 369 7 42 9 3 4 65 6 3 4 1 1 3 2 65
counts
Homopolymer length
Number of repeat units
Microhomology length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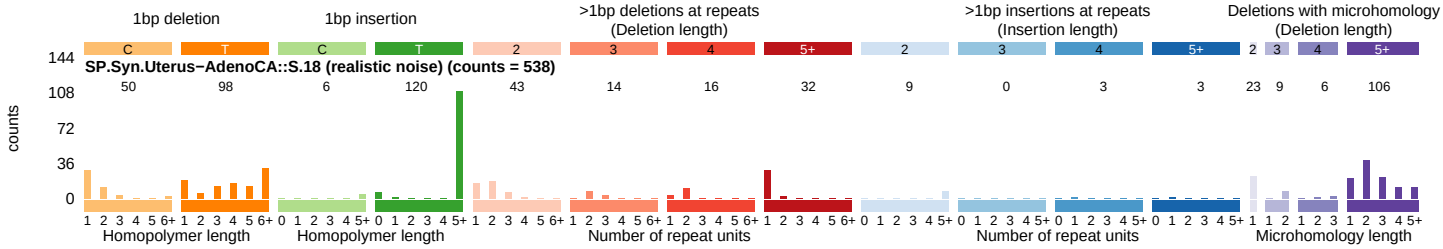
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.17 (realistic noise) (counts = 552)
87 224 4 91 37 15 12 8 3 1 2 2 43 6 17 0
counts
Homopolymer length
Number of repeat units
Microhomology length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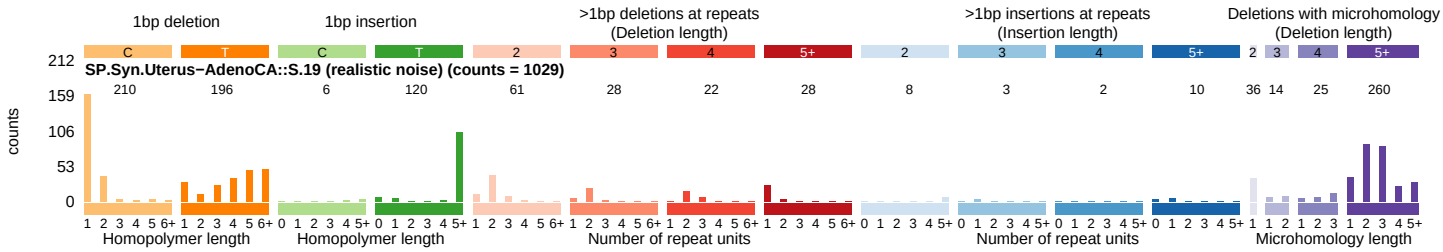
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.18 (realistic noise) (counts = 538)
50 98 6 120 43 14 16 32 9 0 3 3 23 9 6 106
counts
Homopolymer length
Number of repeat units
Microhomology length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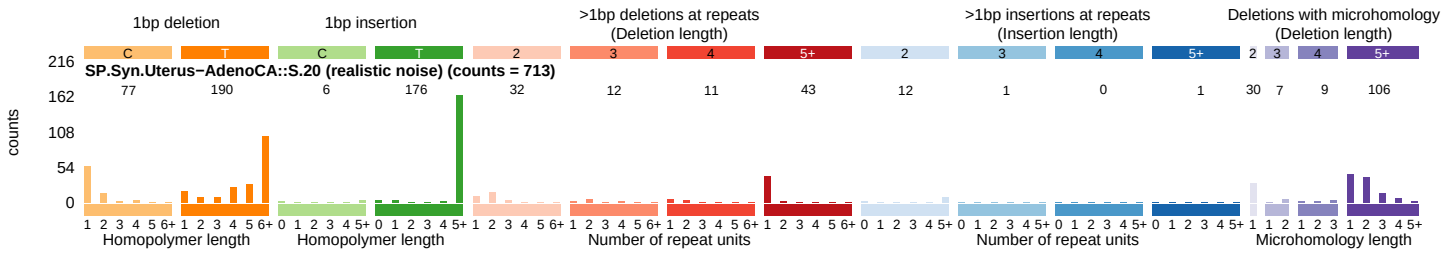
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.19 (realistic noise) (counts = 1029)
210 196 6 120 61 28 22 28 8 3 2 10 36 14 25 260
counts
Homopolymer length
Number of repeat units
Microhomology length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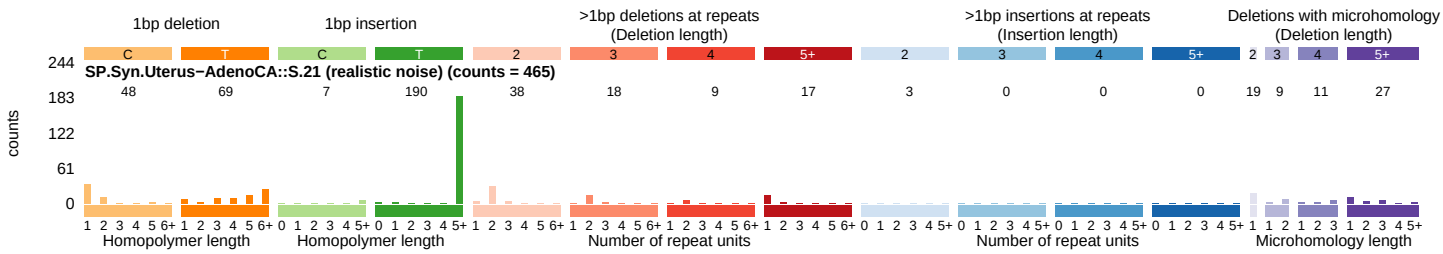
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.20 (realistic noise) (counts = 713)
77 190 6 176 32 12 11 43 12 1 0 1 30 7 9 106
counts
Homopolymer length
Number of repeat units
Microhomology length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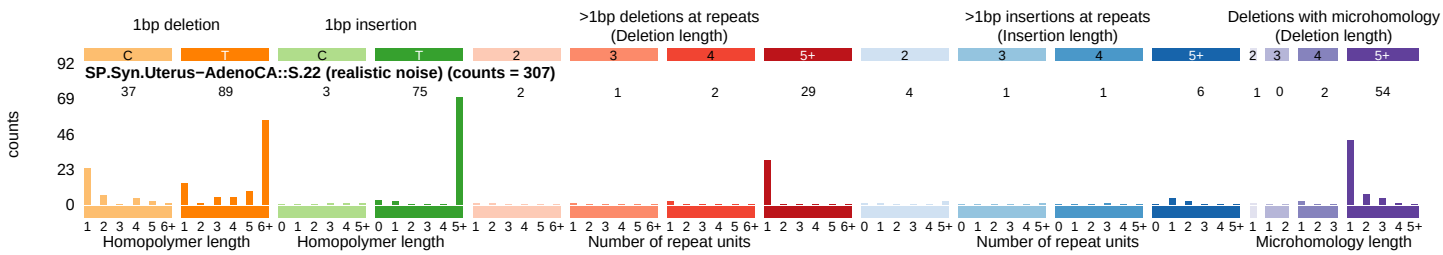
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.21 (realistic noise) (counts = 465)
48 69 7 190 38 18 9 17 3 0 0 0 19 9 11 27
counts
Homopolymer length
Number of repeat units
Microhomology length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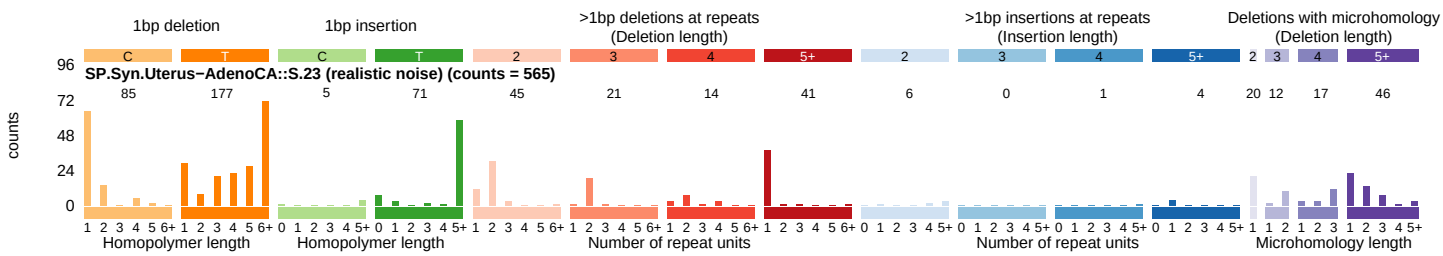
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.22 (realistic noise) (counts = 307)
37 89 3 75 2 1 2 29 4 1 1 6 1 0 2 54
counts
Homopolymer length
Number of repeat units
Microhomology length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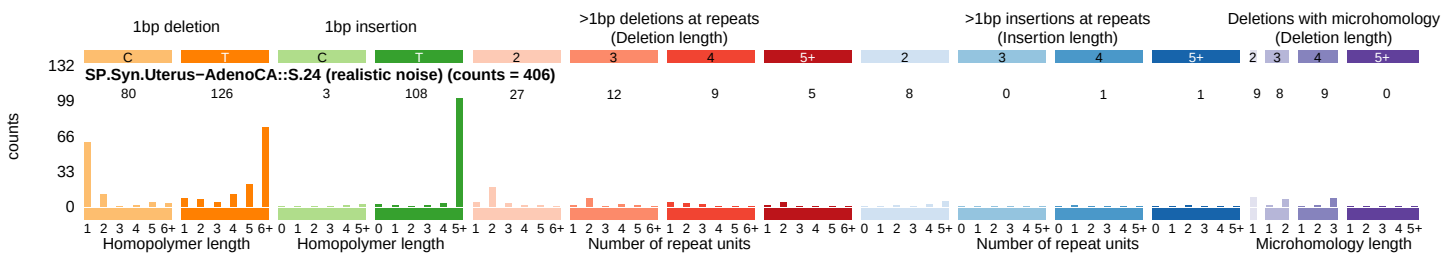
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.23 (realistic noise) (counts = 565)
85 177 5 71 45 21 14 41 6 0 1 4 20 12 17 46
counts
Homopolymer length
Number of repeat units
Microhomology length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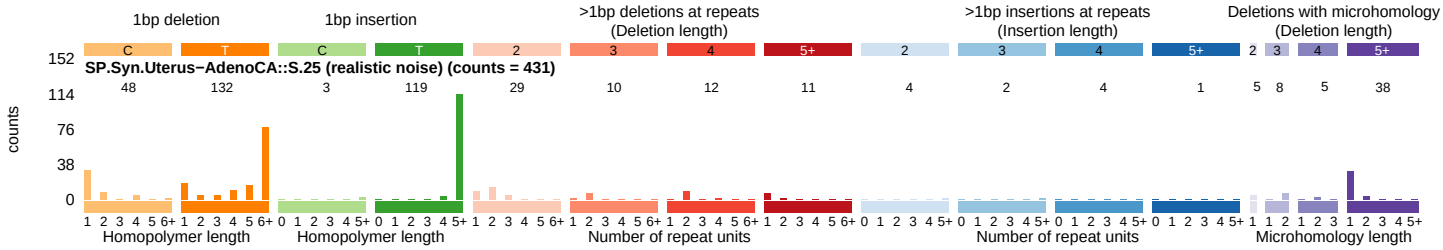
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.24 (realistic noise) (counts = 406)
80 126 3 108 27 12 9 5 8 0 1 1 9 8 9 0
counts
Homopolymer length
Number of repeat units
Microhomology length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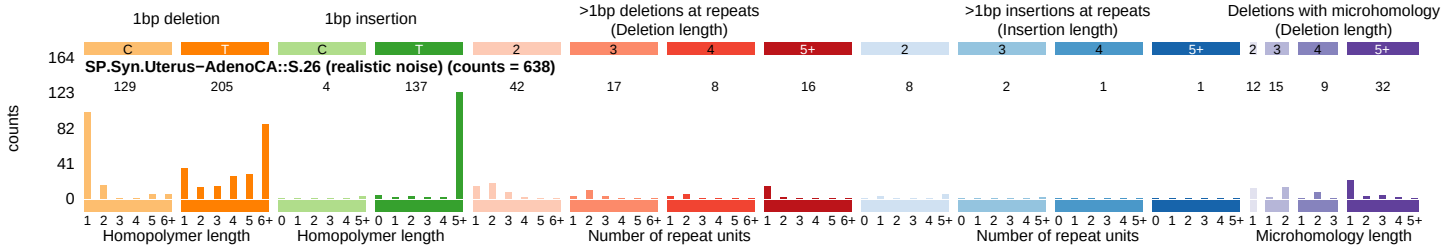
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.25 (realistic noise) (counts = 431)
48 132 3 119 29 10 12 11 4 2 4 1 5 8 5 38
counts
Homopolymer length
Number of repeat units
Microhomology length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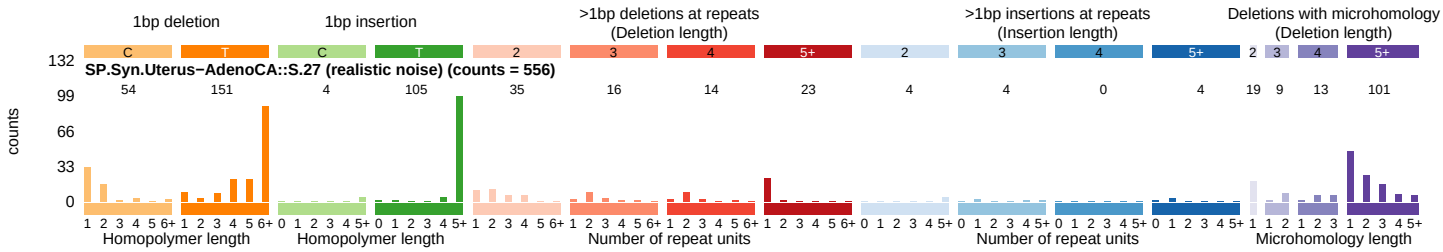
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.26 (realistic noise) (counts = 638)
129 205 4 137 42 17 8 16 8 2 1 1 12 15 9 32
counts
Homopolymer length
Number of repeat units
Microhomology length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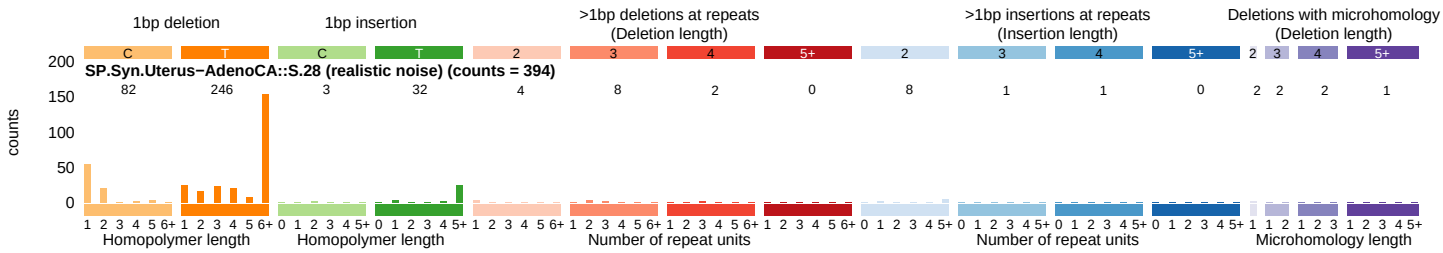
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.27 (realistic noise) (counts = 556)
54 151 4 105 35 16 14 23 4 4 0 4 19 9 13 101
counts
Homopolymer length
Number of repeat units
Microhomology length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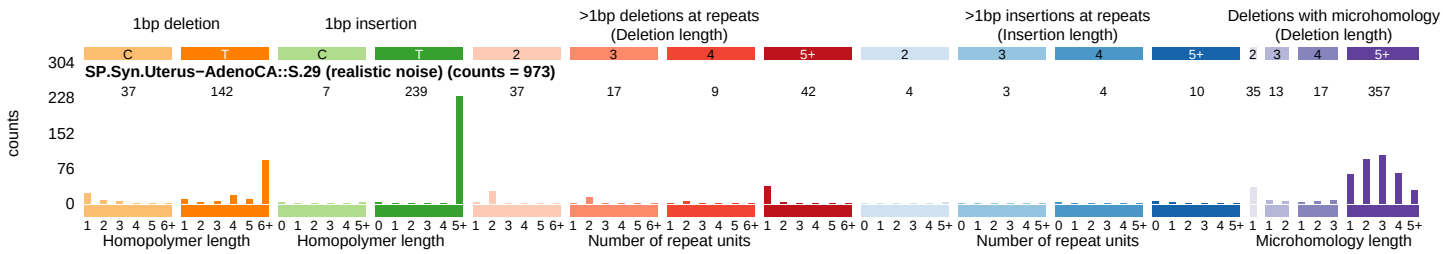
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.28 (realistic noise) (counts = 394)
82 246 3 32 4 8 2 0 8 1 1 0 2 2 2 1
counts
Homopolymer length
Number of repeat units
Microhomology length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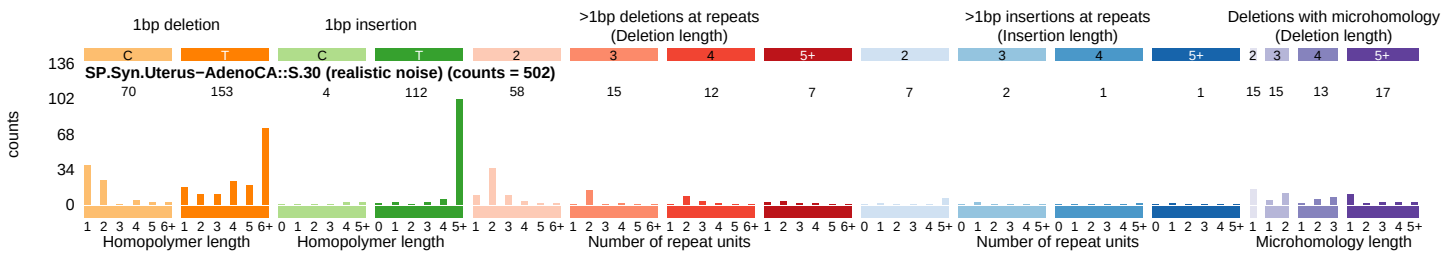
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.29 (realistic noise) (counts = 973)
37 142 7 239 37 17 9 42 4 3 4 10 35 13 17 357
counts
Homopolymer length
Number of repeat units
Microhomology length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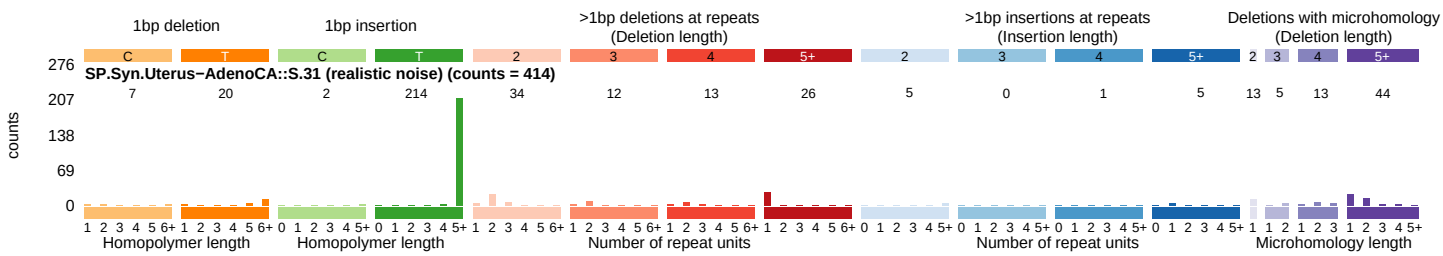
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.30 (realistic noise) (counts = 502)
70 153 4 112 58 15 12 7 7 2 1 1 15 15 13 17
counts
Homopolymer length
Number of repeat units
Microhomology length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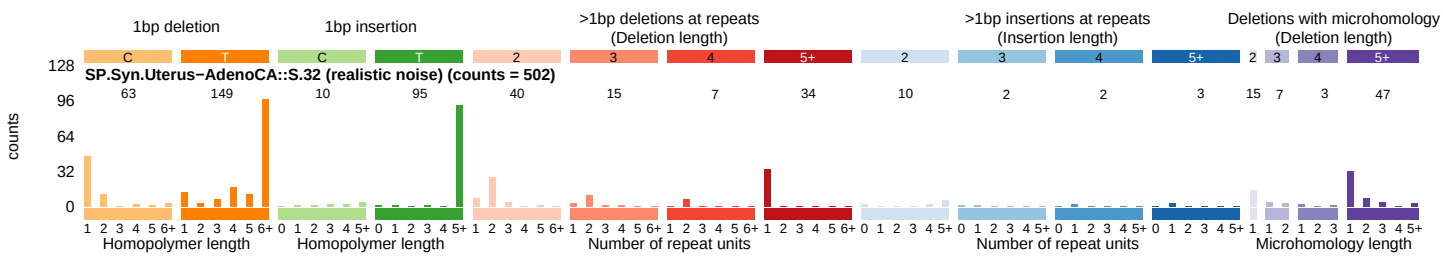
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.31 (realistic noise) (counts = 414)
7 20 2 214 34 12 13 26 5 0 1 5 13 5 13 44
counts
Homopolymer length
Number of repeat units
Microhomology length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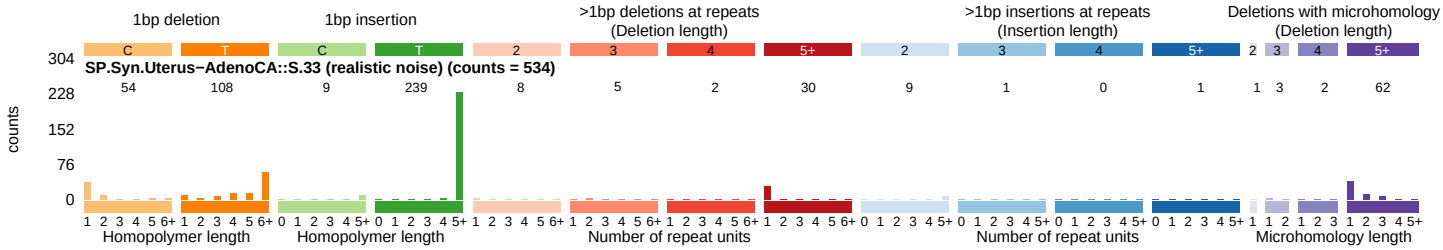
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.32 (realistic noise) (counts = 502)
63 149 10 95 40 15 7 34 10 2 2 3 15 7 3 47
counts
Homopolymer length
Number of repeat units
Microhomology length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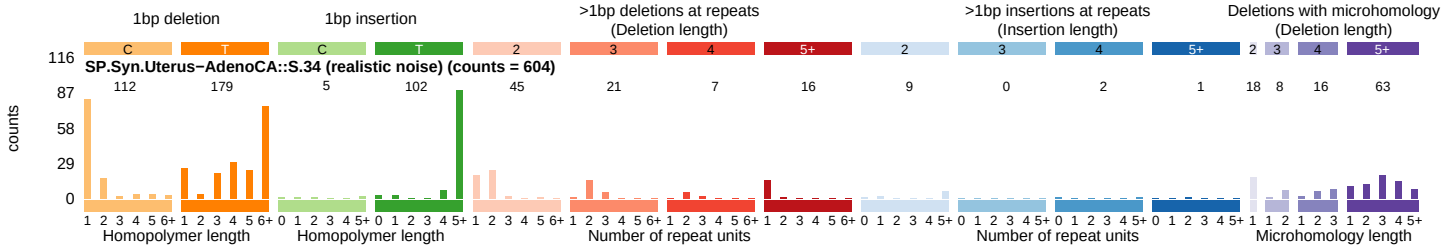
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.33 (realistic noise) (counts = 534)
54 108 9 239 8 5 2 30 9 1 0 1 1 3 2 62
counts
Homopolymer length
Number of repeat units
Microhomology length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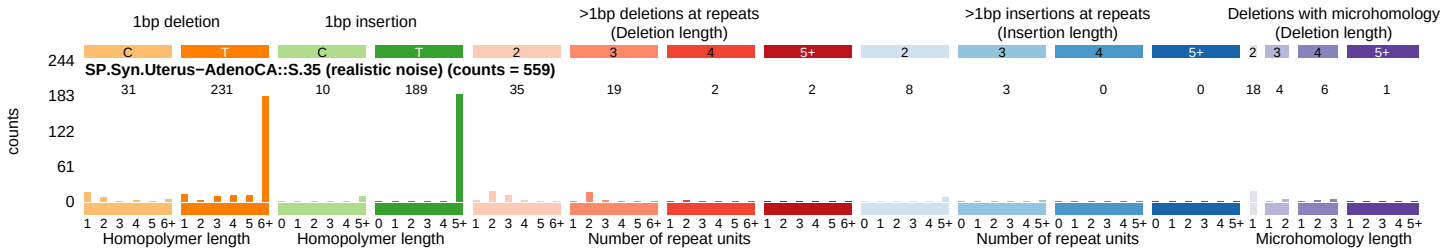
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.34 (realistic noise) (counts = 604)
112 179 5 102 45 21 7 16 9 0 2 1 18 8 16 63
counts
Homopolymer length
Number of repeat units
Microhomology length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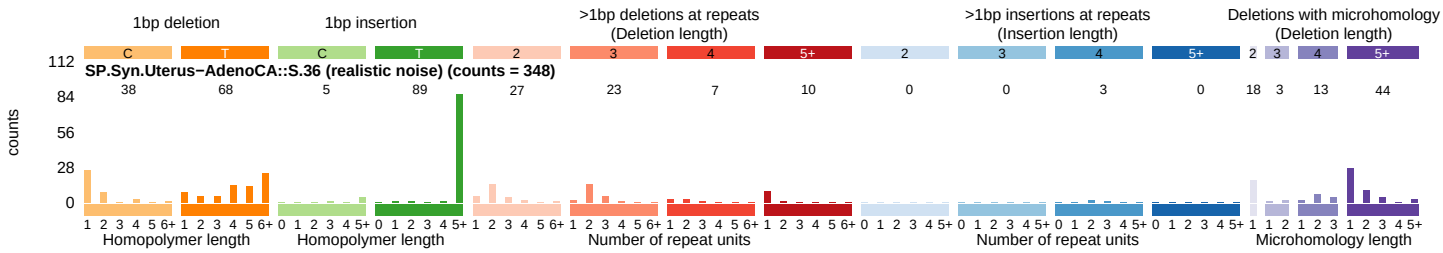
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.35 (realistic noise) (counts = 559)
31 231 10 189 35 19 2 2 8 3 0 0 18 4 6 1
counts
Homopolymer length
Number of repeat units
Microhomology length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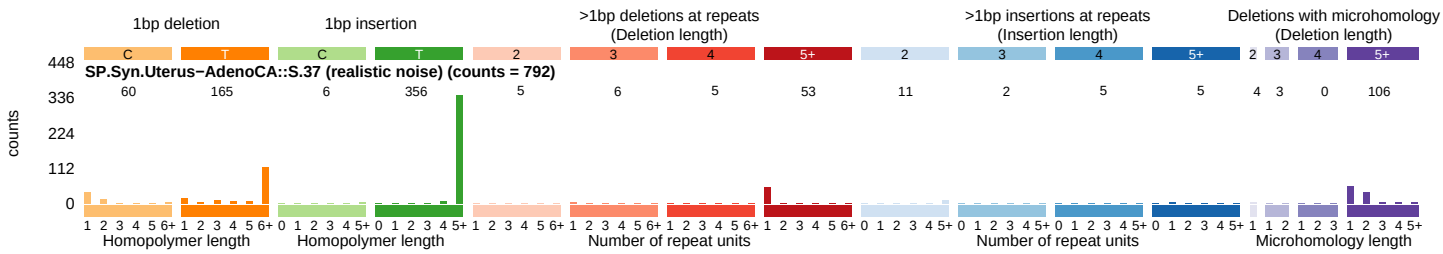
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.36 (realistic noise) (counts = 348)
38 68 5 89 27 23 7 10 0 0 3 0 18 3 13 44
counts
Homopolymer length
Number of repeat units
Microhomology length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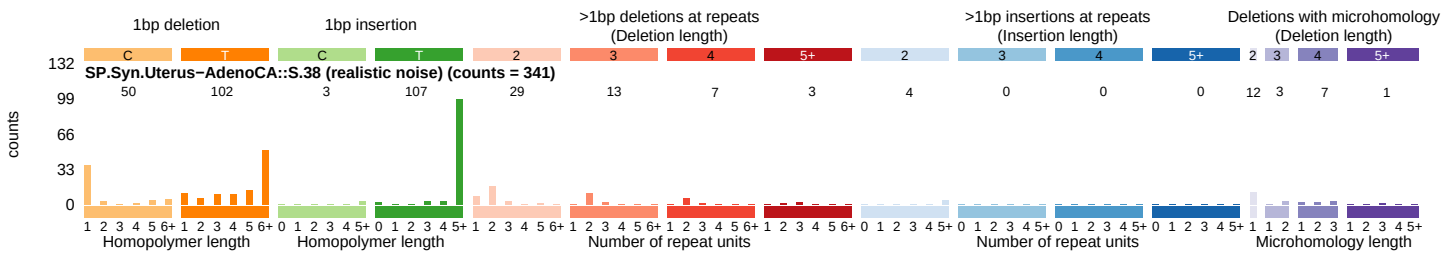
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.37 (realistic noise) (counts = 792)
60 165 6 356 5 6 5 53 11 2 5 5 4 3 0 106
counts
Homopolymer length
Number of repeat units
Microhomology length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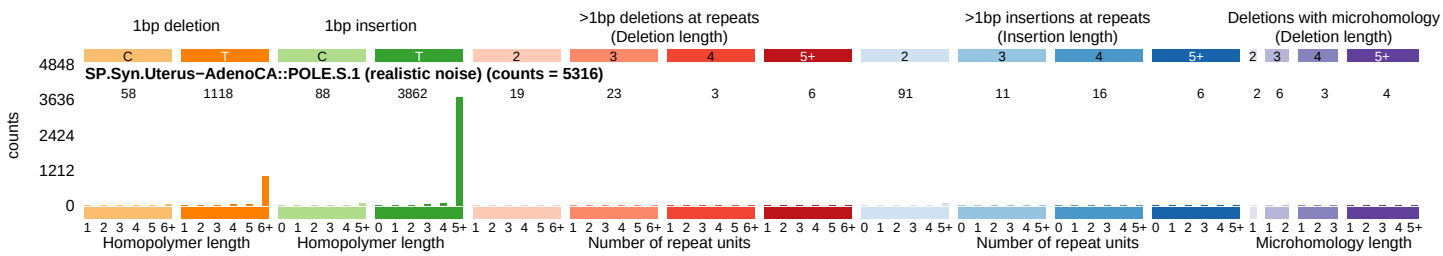
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::S.38 (realistic noise) (counts = 341)
50 102 3 107 29 13 7 3 4 0 0 0 12 3 7 1
counts
Homopolymer length
Number of repeat units
Microhomology length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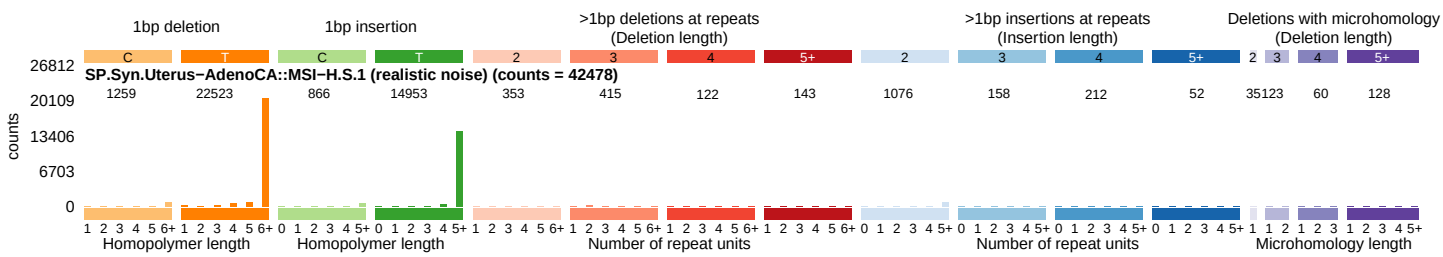
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::POLE.S.1 (realistic noise) (counts = 5316)
58 1118 88 3862 19 23 3 6 91 11 16 6 2 6 3 4
counts
Homopolymer length
Number of repeat units
Microhomology length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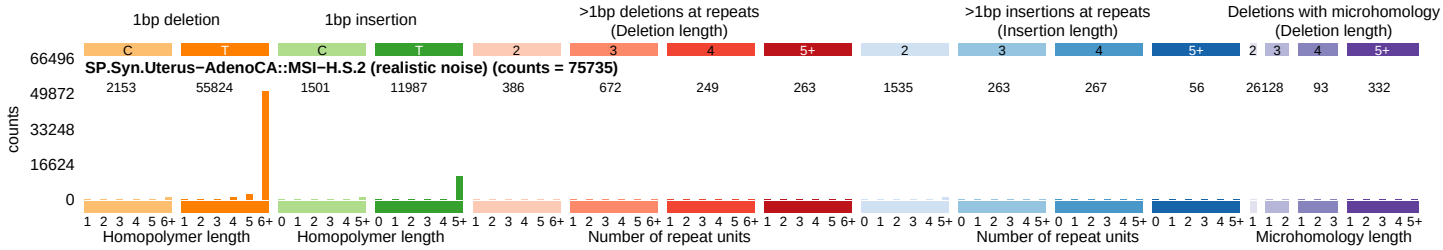
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::MSI−H.S.1 (realistic noise) (counts = 42478)
1259 22523 866 14953 353 415 122 143 1076 158 212 52 35123 60 128
counts
Homopolymer length
Number of repeat units
Microhomology length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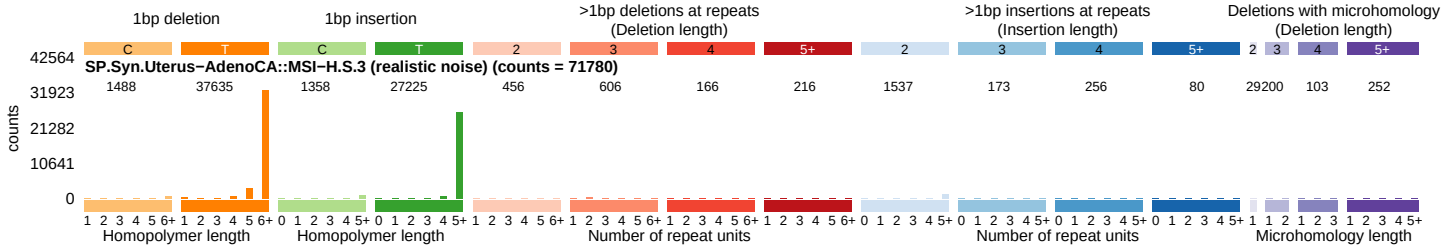
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::MSI−H.S.2 (realistic noise) (counts = 75735)
2153 55824 1501 11987 386 672 249 263 1535 263 267 56 26128 93 332
counts
Homopolymer length
Number of repeat units
Microhomology length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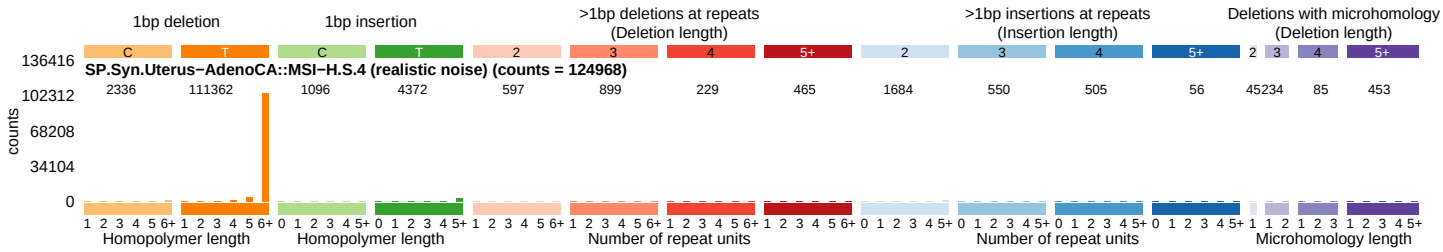
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::MSI−H.S.3 (realistic noise) (counts = 71780)
1488 37635 1358 27225 456 606 166 216 1537 173 256 80 29200 103 252
counts
Homopolymer length
Number of repeat units
Microhomology length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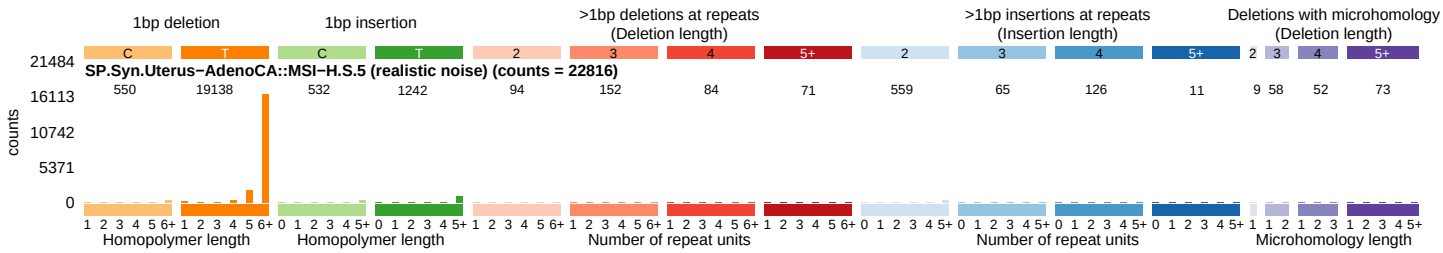
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::MSI−H.S.4 (realistic noise) (counts = 124968)
2336 111362 1096 4372 597 899 229 465 1684 550 505 56 45234 85 453
counts
Homopolymer length
Number of repeat units
Microhomology length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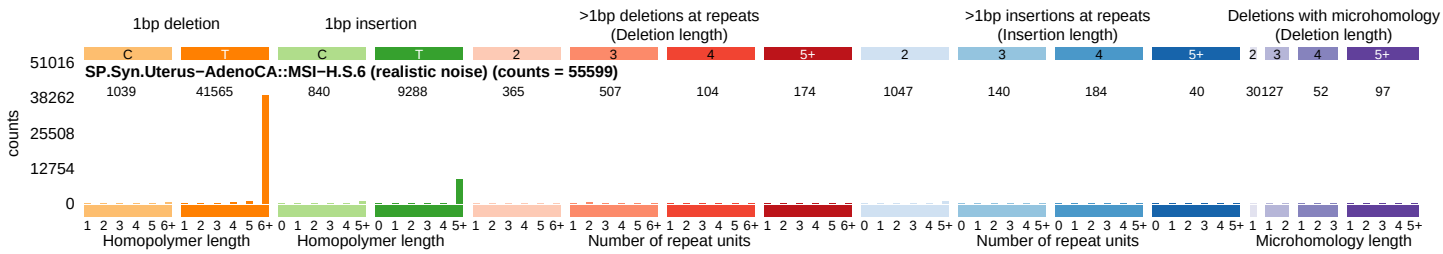
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::MSI−H.S.5 (realistic noise) (counts = 22816)
550 19138 532 1242 94 152 84 71 559 65 126 11 9 58 52 73
counts
Homopolymer length
Number of repeat units
Microhomology length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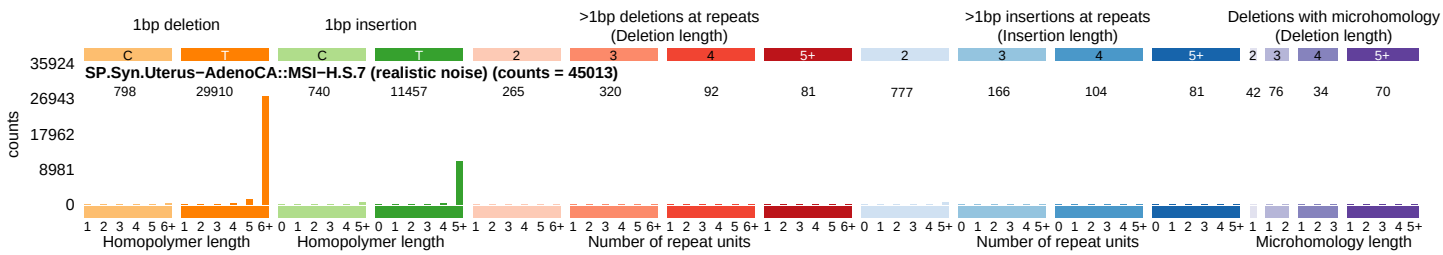
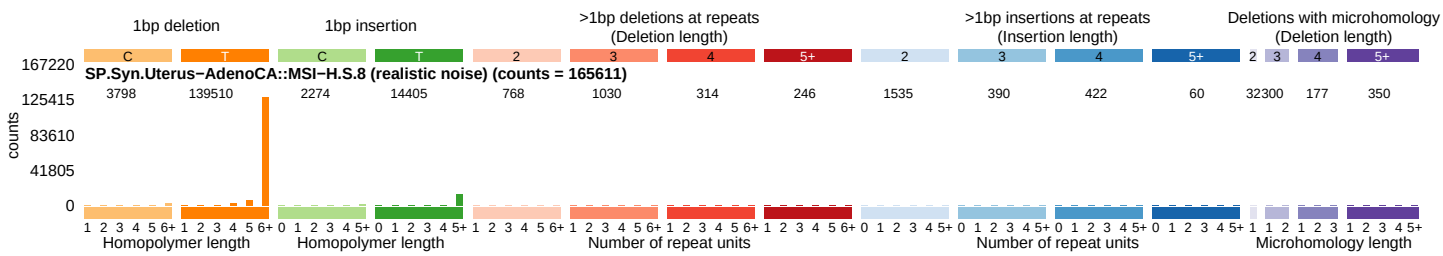
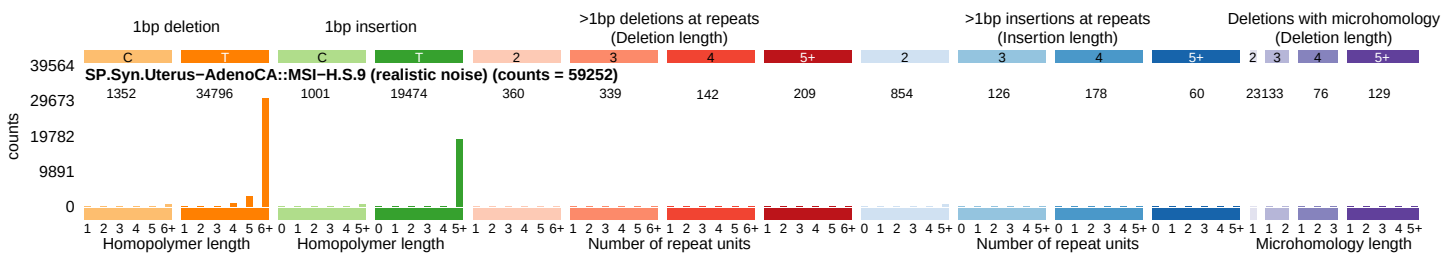
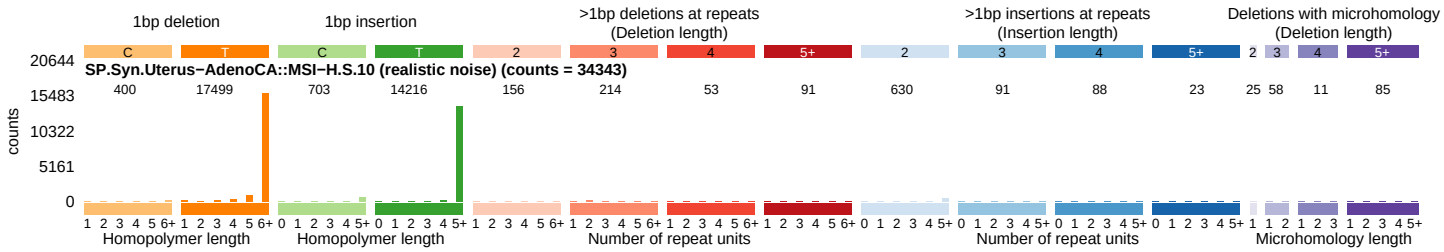
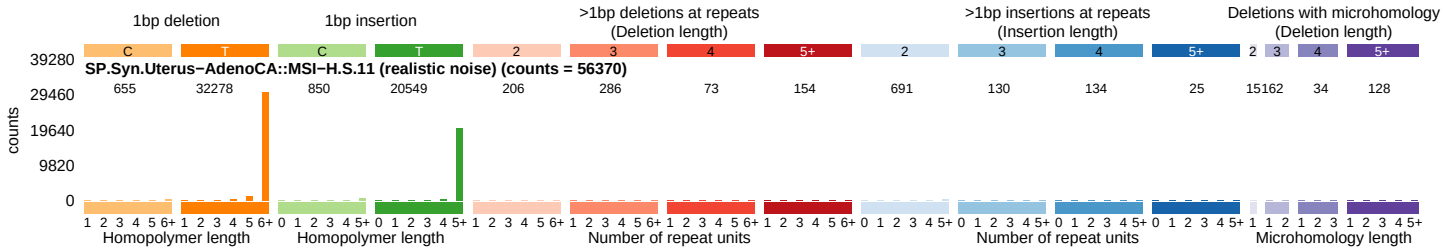
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::MSI−H.S.6 (realistic noise) (counts = 55599)
1039 41565 840 9288 365 507 104 174 1047 140 184 40 30127 52 97
counts
Homopolymer length
Number of repeat units
Microhomology length

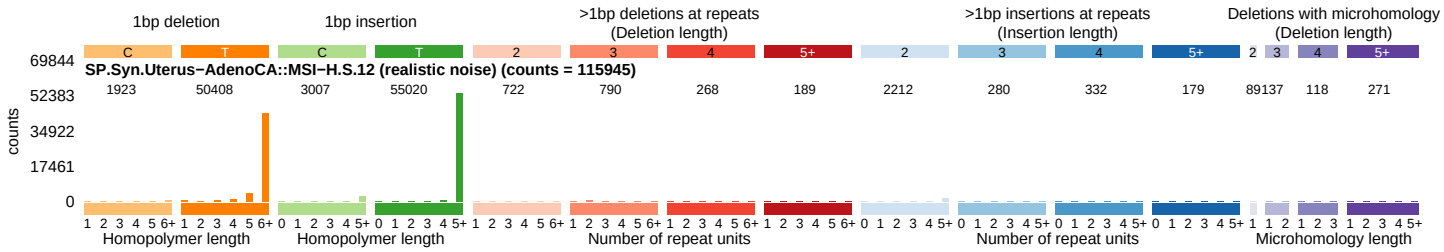

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Uterus−AdenoCA::MSI−H.S.7 (realistic noise) (counts = 45013)
798 29910 740 11457 265 320 92 81 777 166 104 81 42 76 34 70
counts
Homopolymer 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.Uterus−AdenoCA::MSI−H.S.8 (realistic noise) (counts = 165611)
3798 139510 2274 14405 768 1030 314 246 1535 390 422 60 32300 177 350
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.Uterus−AdenoCA::MSI−H.S.9 (realistic noise) (counts = 59252)
1352 34796 1001 19474 360 339 142 209 854 126 178 60 23133 76 129
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.Uterus−AdenoCA::MSI−H.S.10 (realistic noise) (counts = 34343)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 56370)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (realistic noise) (counts = 115945)
counts
Homopolymer length
Number of repeat units
Microhomology length