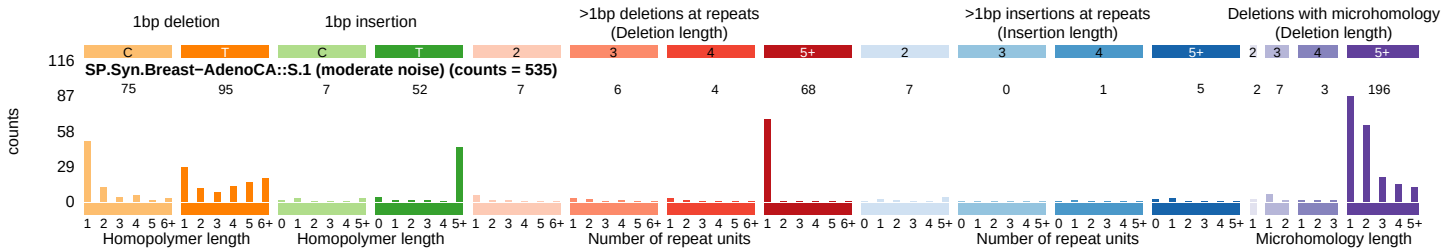
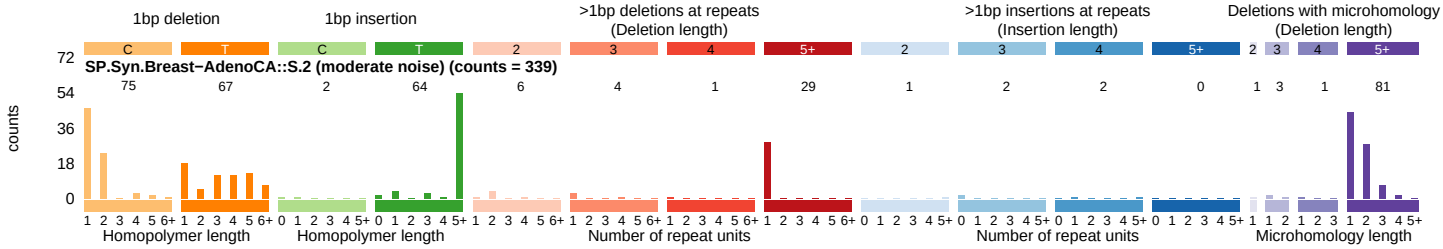

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.1 (moderate noise) (counts = 535)
75 95 7 52 7 6 4 68 7 0 1 5 2 7 3 196
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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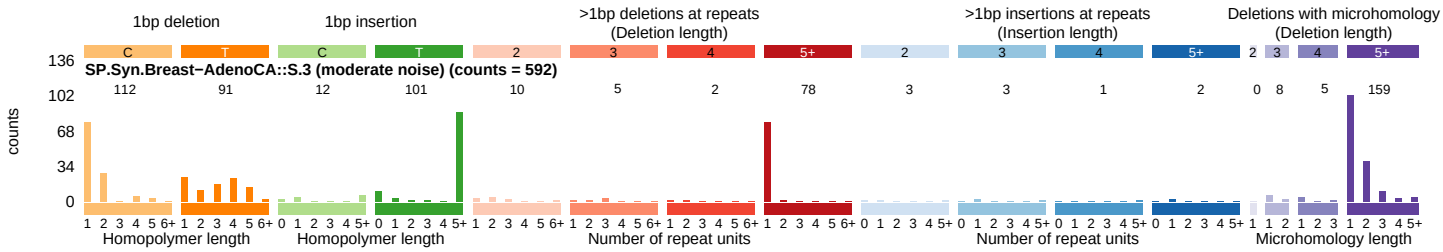
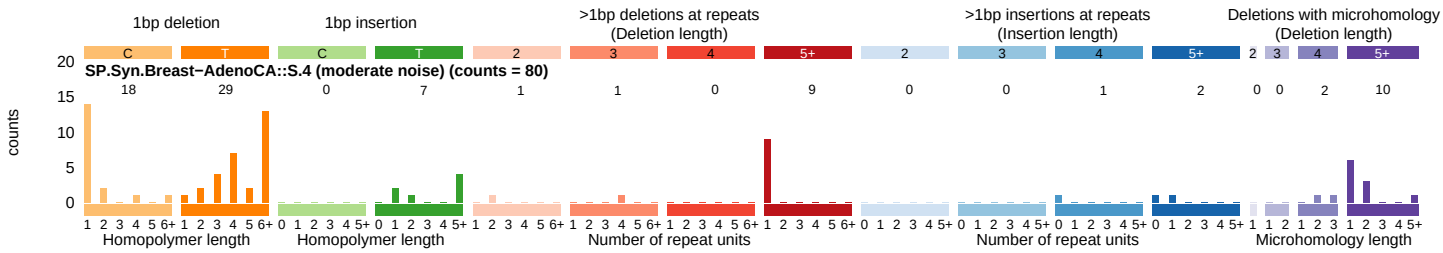
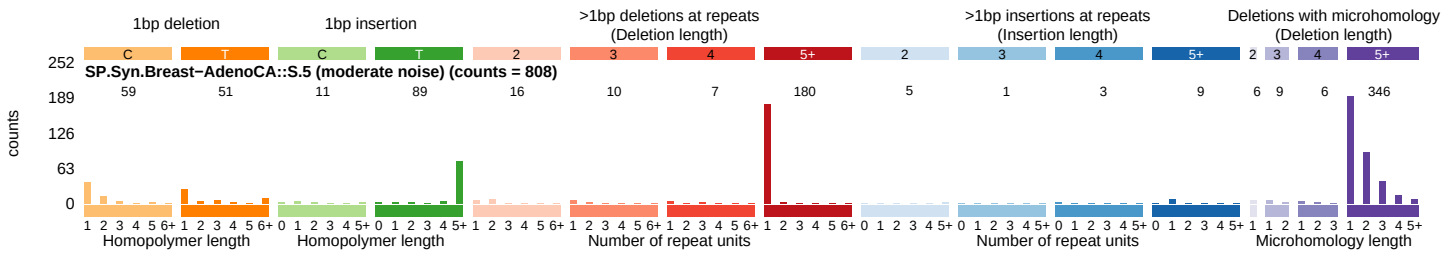
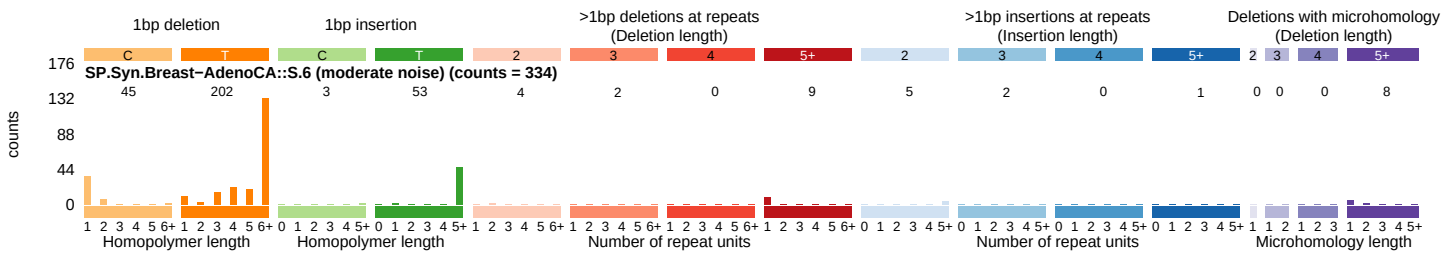
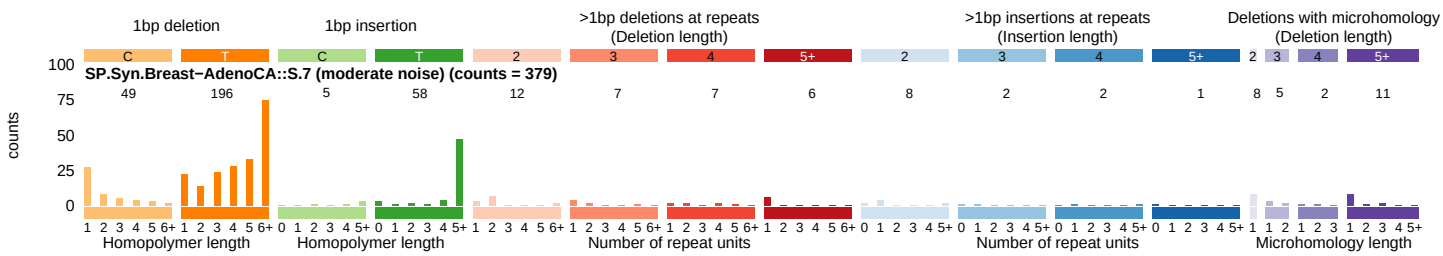
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.2 (moderate noise) (counts = 339)
75 67 2 64 6 4 1 29 1 2 2 0 1 3 1 81
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.3 (moderate noise) (counts = 592)
112 91 12 101 10 5 2 78 3 3 1 2 0 8 5 159
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.Breast−AdenoCA::S.4 (moderate noise) (counts = 80)
18 29 0 7 1 1 0 9 0 0 1 2 0 0 2 10
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.5 (moderate noise) (counts = 808)
59 51 11 89 16 10 7 180 5 1 3 9 6 9 6 346
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.6 (moderate noise) (counts = 334)
45 202 3 53 4 2 0 9 5 2 0 1 0 0 0 8
counts
Homopolymer length
Number of repeat units
Microhomology length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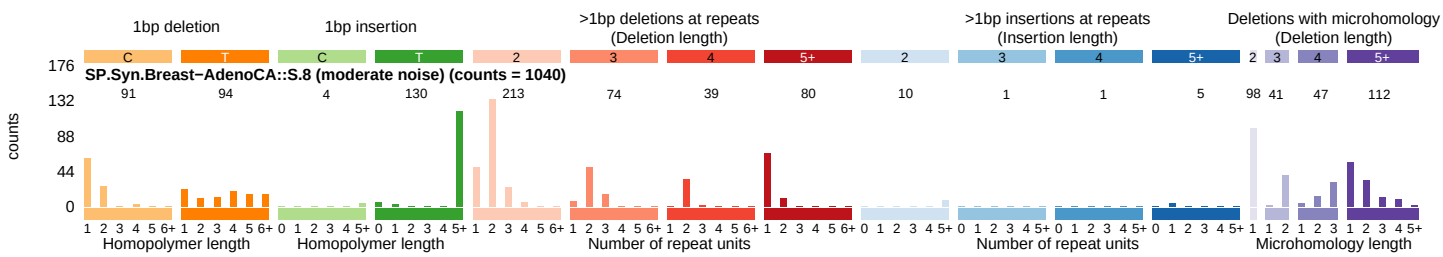
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.7 (moderate noise) (counts = 379)
49 196 5 58 12 7 7 6 8 2 2 1 8 5 2 11
counts
Homopolymer length
Number of repeat units
Microhomology length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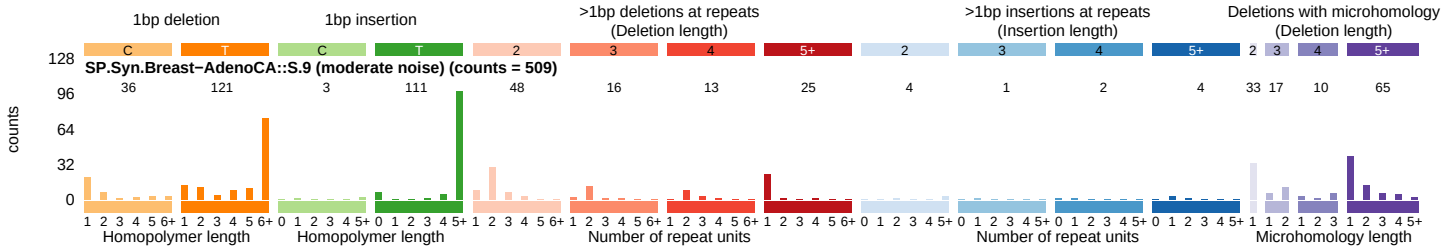
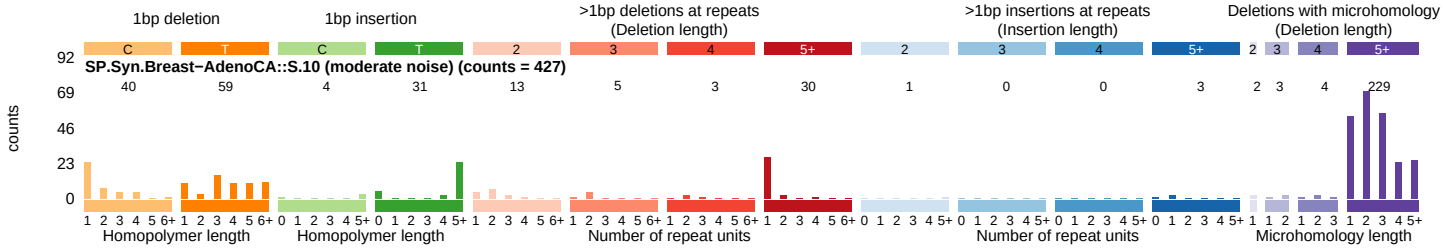
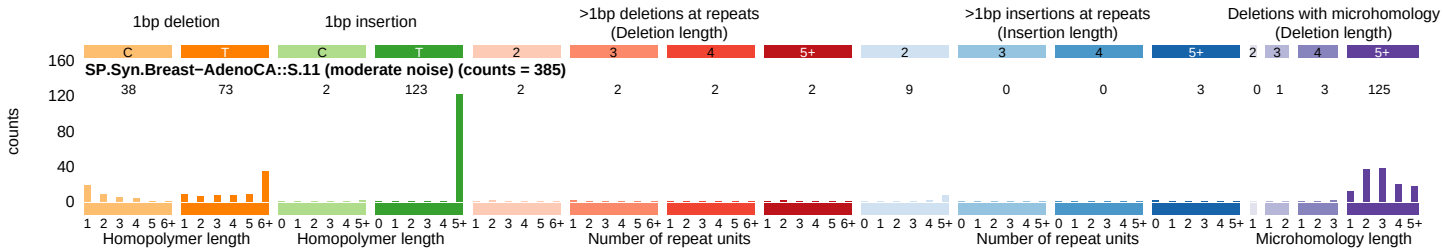
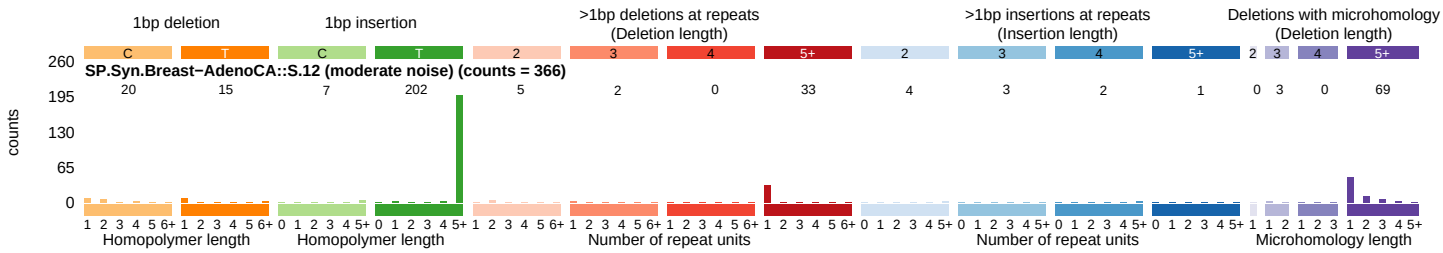
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.8 (moderate noise) (counts = 1040)
91 94 4 130 213 74 39 80 10 1 1 5 98 41 47 112
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.9 (moderate noise) (counts = 509)
36 121 3 111 48 16 13 25 4 1 2 4 33 17 10 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.10 (moderate noise) (counts = 427)
40 59 4 31 13 5 3 30 1 0 0 3 2 3 4 229
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.11 (moderate noise) (counts = 385)
38 73 2 123 2 2 2 2 9 0 0 3 0 1 3 125
counts
Homopolymer length
Number of repeat units
Microhomology length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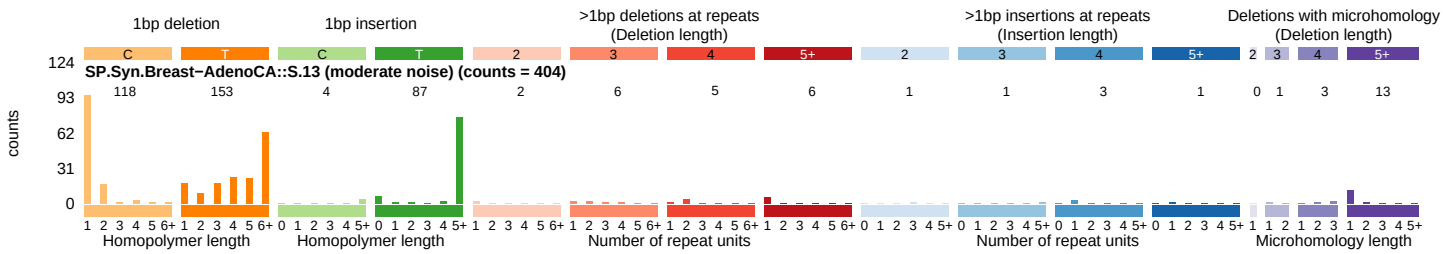
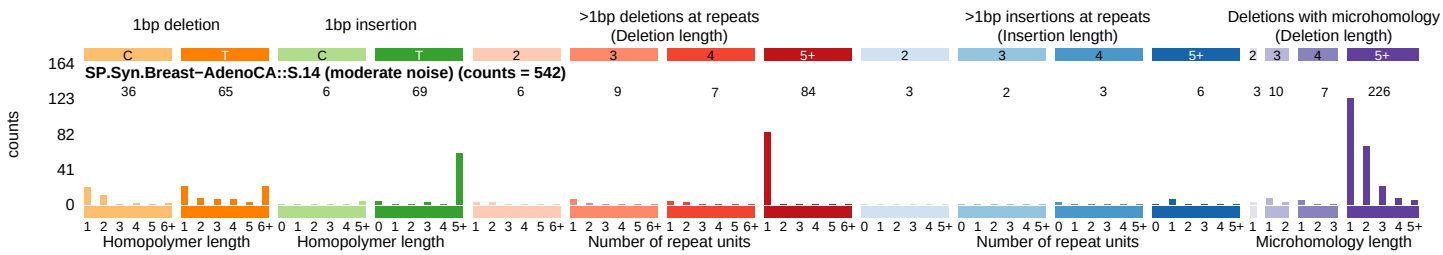
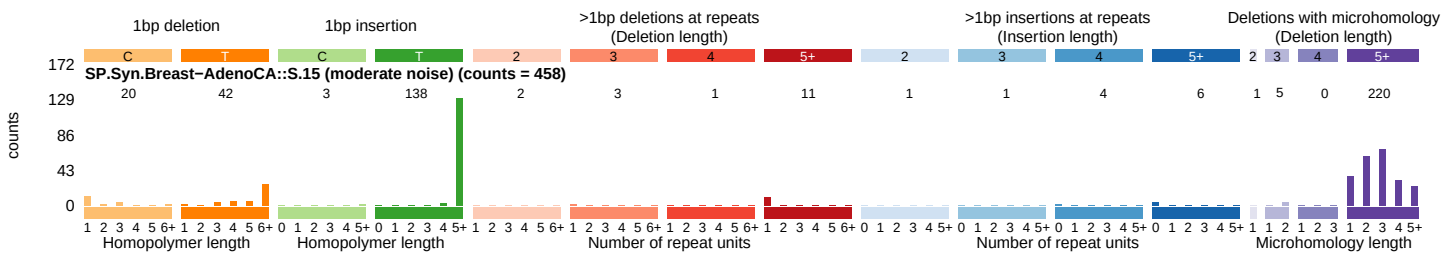
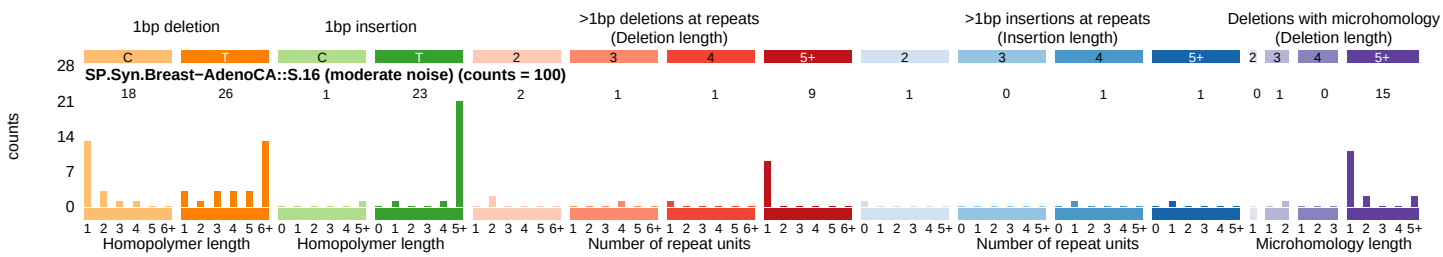
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.12 (moderate noise) (counts = 366)
20 15 7 202 5 2 0 33 4 3 2 1 0 3 0 69
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.13 (moderate noise) (counts = 404)
118 153 4 87 2 6 5 6 1 1 3 1 0 1 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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.14 (moderate noise) (counts = 542)
36 65 6 69 6 9 7 84 3 2 3 6 3 10 7 226
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.15 (moderate noise) (counts = 458)
20 42 3 138 2 3 1 11 1 1 4 6 1 5 0 220
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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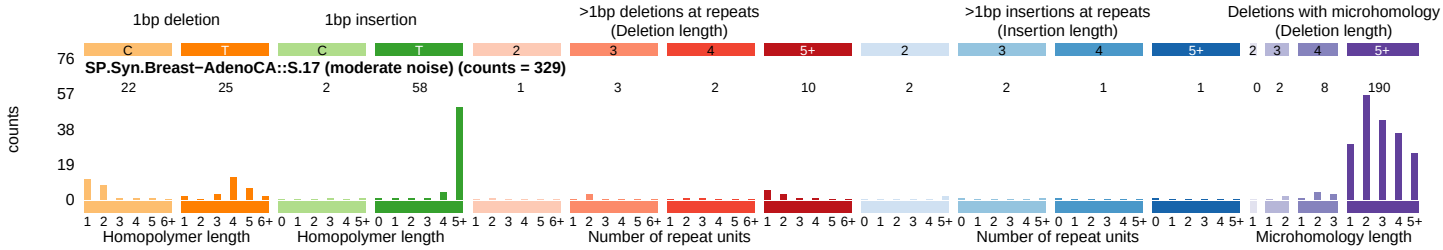
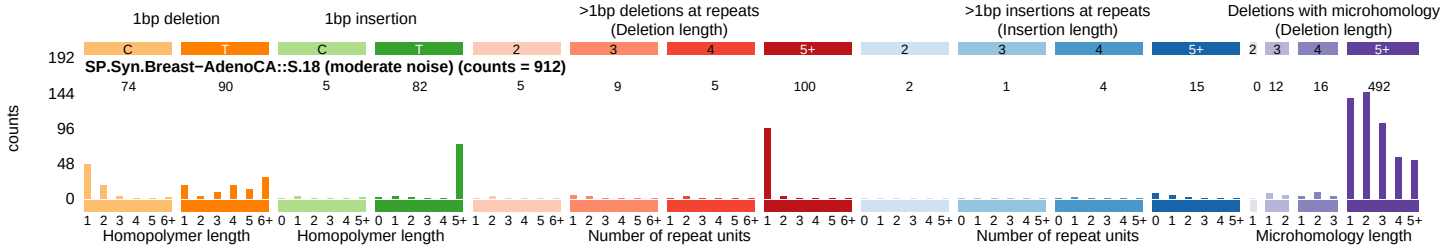
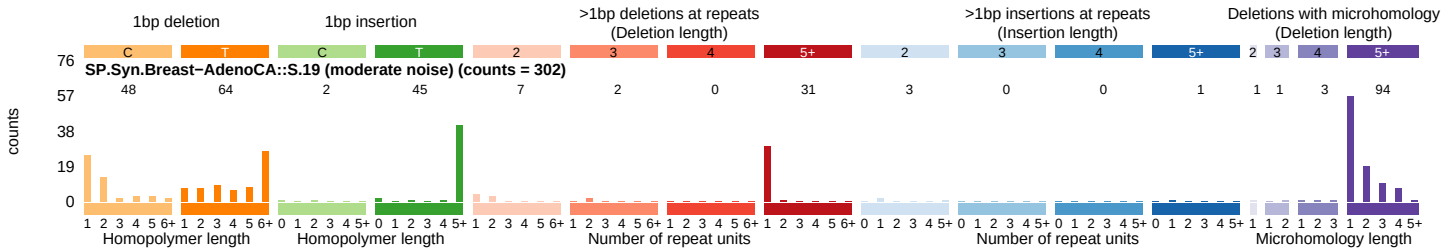
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.16 (moderate noise) (counts = 100)
18 26 1 23 2 1 1 9 1 0 1 1 0 1 0 15
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.17 (moderate noise) (counts = 329)
22 25 2 58 1 3 2 10 2 2 1 1 0 2 8 190
counts
76 57 38 19 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.18 (moderate noise) (counts = 912)
74 90 5 82 5 9 5 100 2 1 4 15 0 12 16 492
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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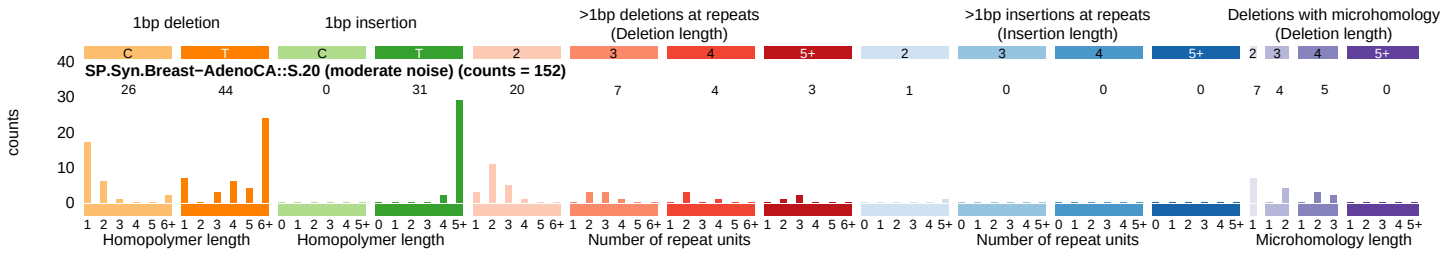
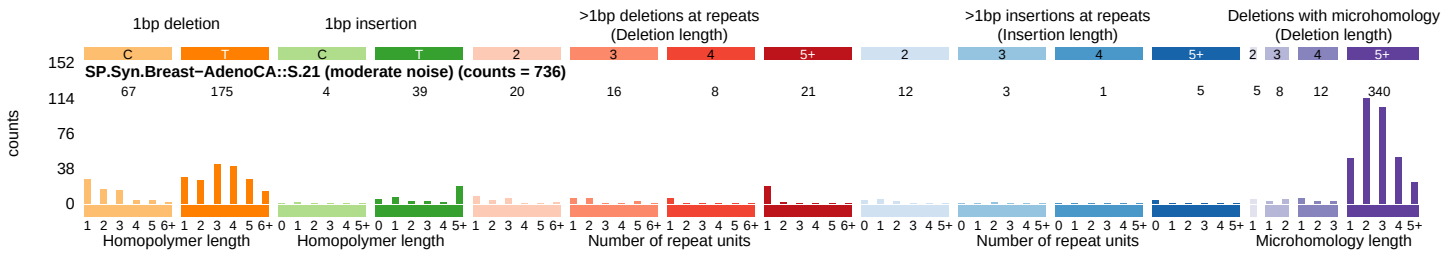
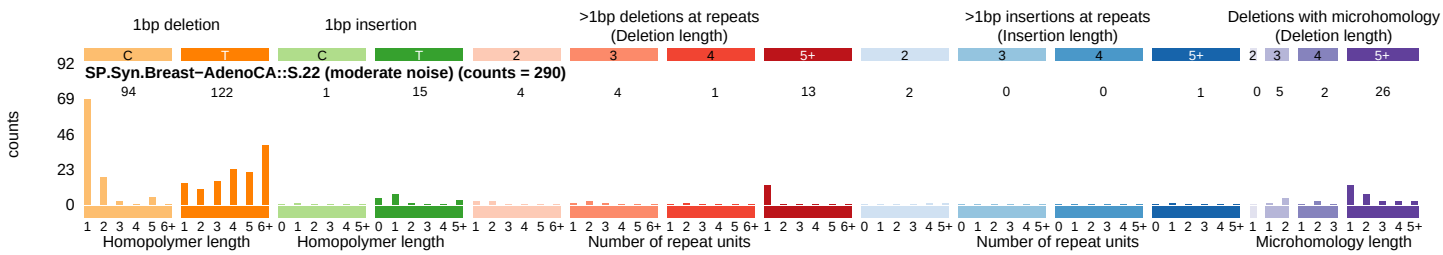
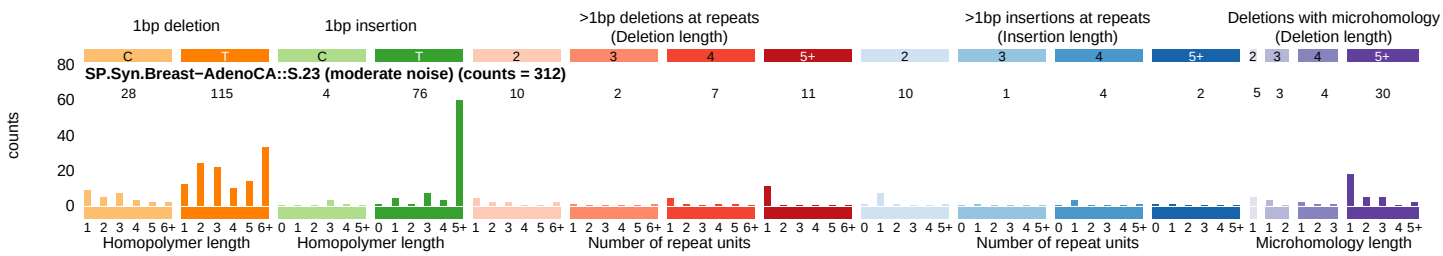
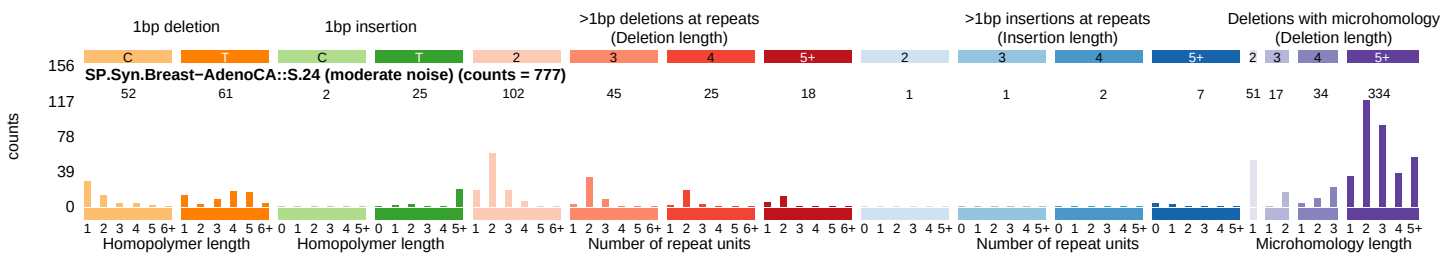
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.19 (moderate noise) (counts = 302)
48 64 2 45 7 2 0 31 3 0 0 1 1 1 3 94
counts
76 57 38 19 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

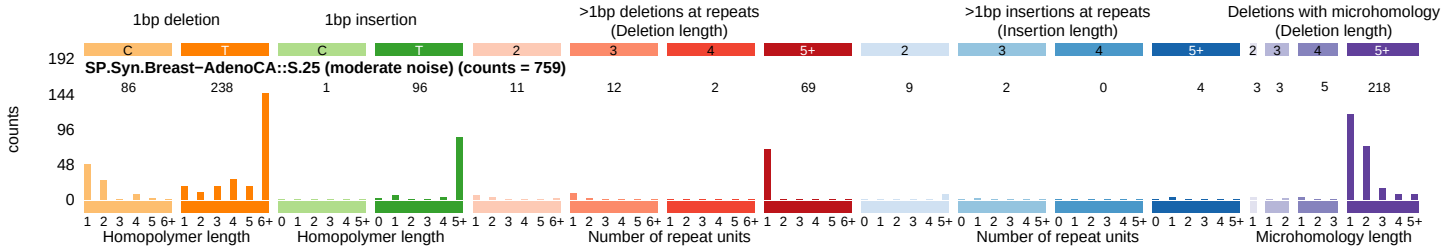

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.20 (moderate noise) (counts = 152)
26 44 0 31 20 7 4 3 1 0 0 0 7 4 5 0
counts
40 30 20 10 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

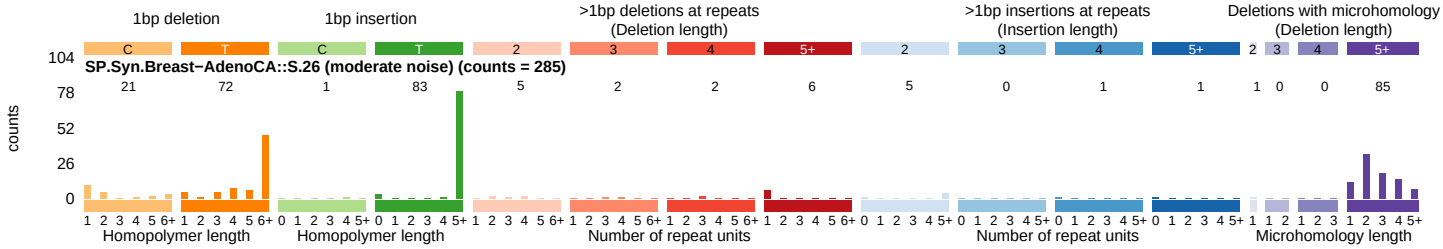

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.21 (moderate noise) (counts = 736)
67 175 4 39 20 16 8 21 12 3 1 5 5 8 12 340
counts
152 114 76 38 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

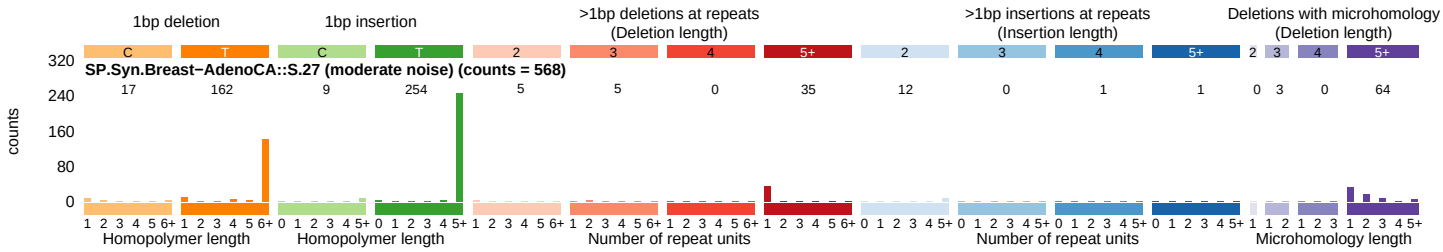

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.22 (moderate noise) (counts = 290)
94 122 1 15 4 4 1 13 2 0 0 1 0 5 2 26
counts
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

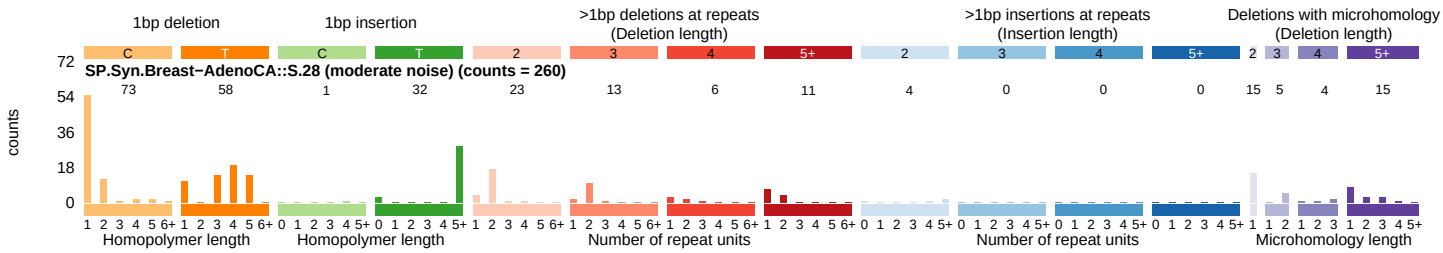

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.23 (moderate noise) (counts = 312)
28 115 4 76 10 2 7 11 10 1 4 2 5 3 4 30
counts
80 60 40 20 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

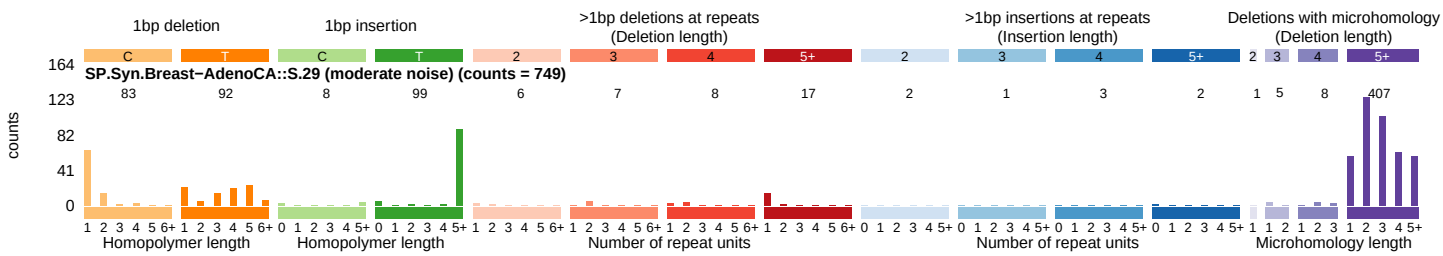

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.24 (moderate noise) (counts = 777)
52 61 2 25 102 45 25 18 1 1 2 7 51 17 34 334
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.25 (moderate noise) (counts = 759)
86 238 1 96 11 12 2 69 9 2 0 4 3 3 5 218
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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.26 (moderate noise) (counts = 285)
21 72 1 83 5 2 2 6 5 0 1 1 1 0 0 85
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+ 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.Breast−AdenoCA::S.27 (moderate noise) (counts = 568)
17 162 9 254 5 5 0 35 12 0 1 1 0 3 0 64
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+ 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.Breast−AdenoCA::S.28 (moderate noise) (counts = 260)
73 58 1 32 23 13 6 11 4 0 0 0 15 5 4 15
counts
72 54 36 18 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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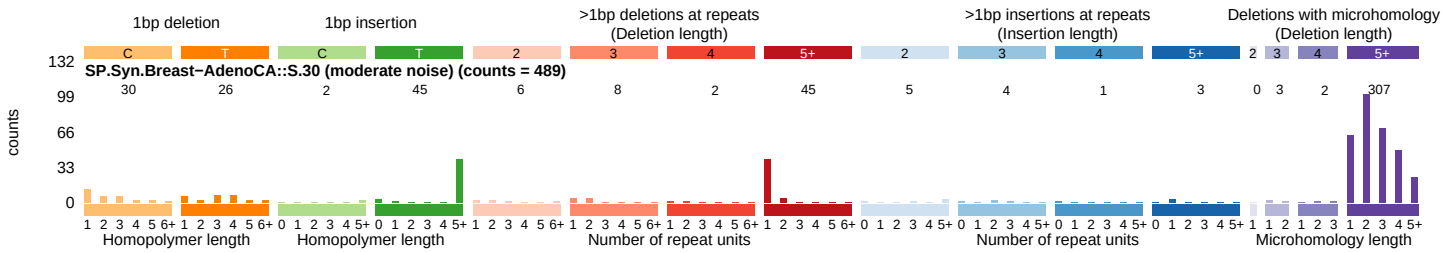
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.29 (moderate noise) (counts = 749)
83 92 8 99 6 7 8 17 2 1 3 2 1 5 8 407
counts
164 123 82 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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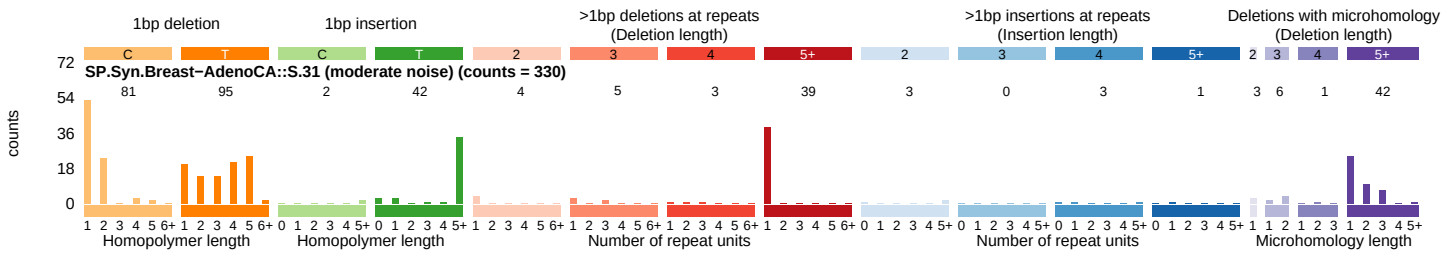
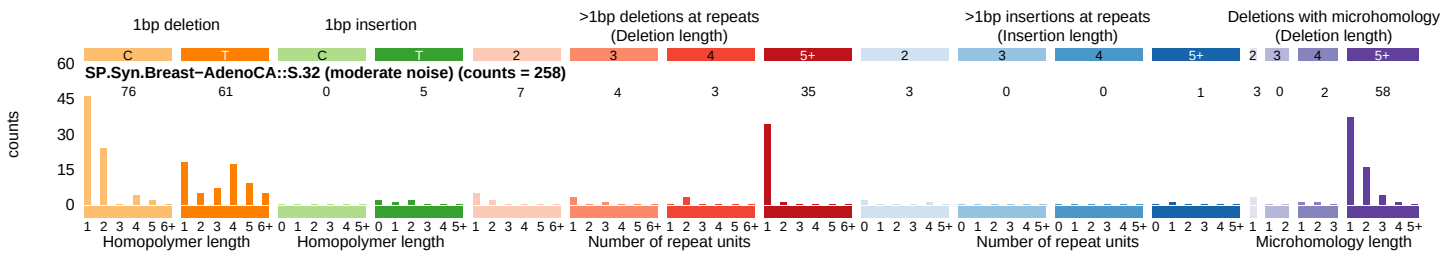
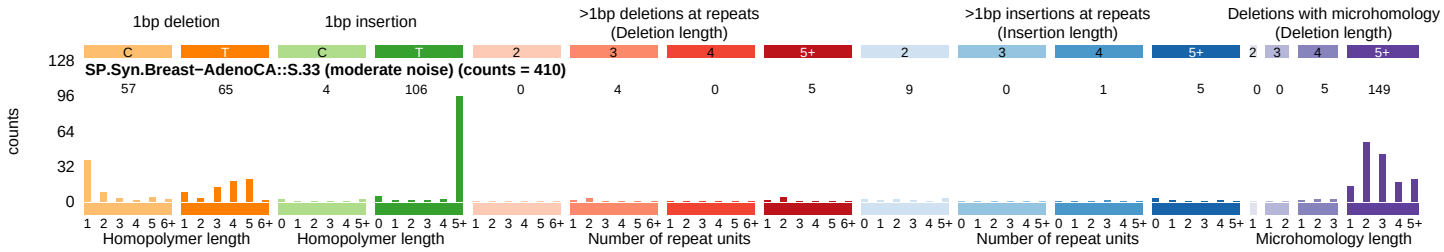
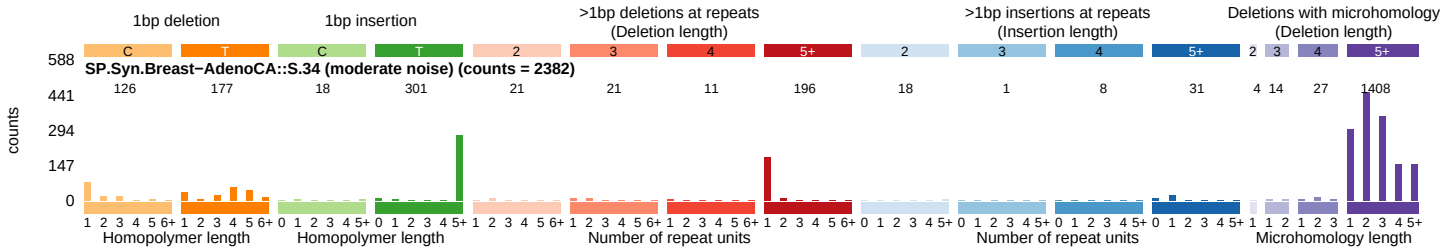
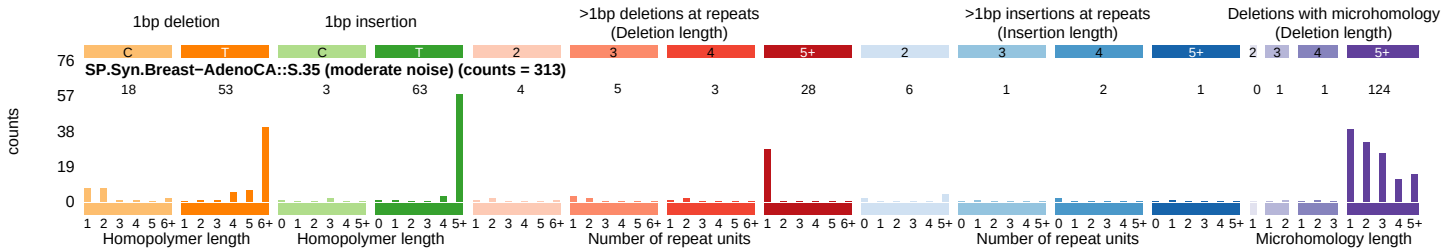
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.30 (moderate noise) (counts = 489)
30 26 2 45 6 8 2 45 5 4 1 3 0 3 2 307
counts
132 99 66 33 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

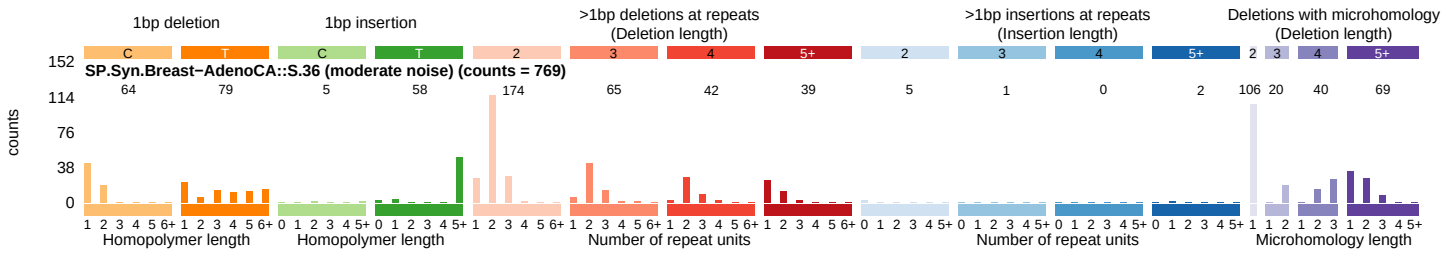

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.31 (moderate noise) (counts = 330)
81 95 2 42 4 5 3 39 3 0 3 1 3 6 1 42
counts
72 54 36 18 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 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

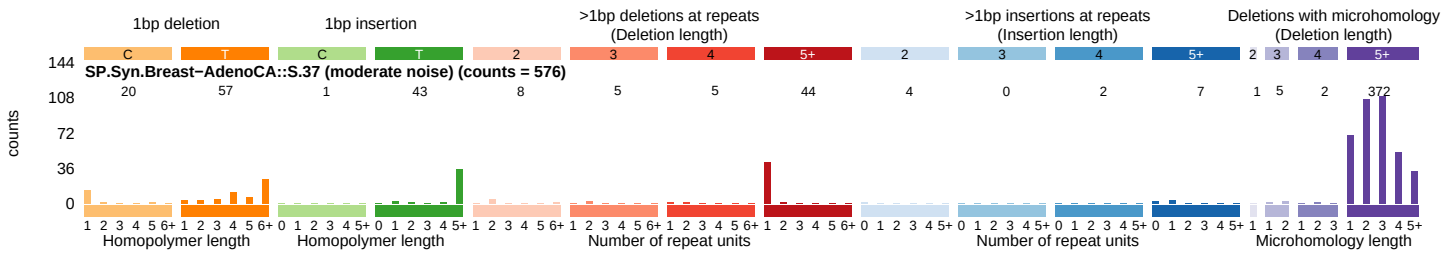

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.32 (moderate noise) (counts = 258)
76 61 0 5 7 4 3 35 3 0 0 1 3 0 2 58
counts
60 45 30 15 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

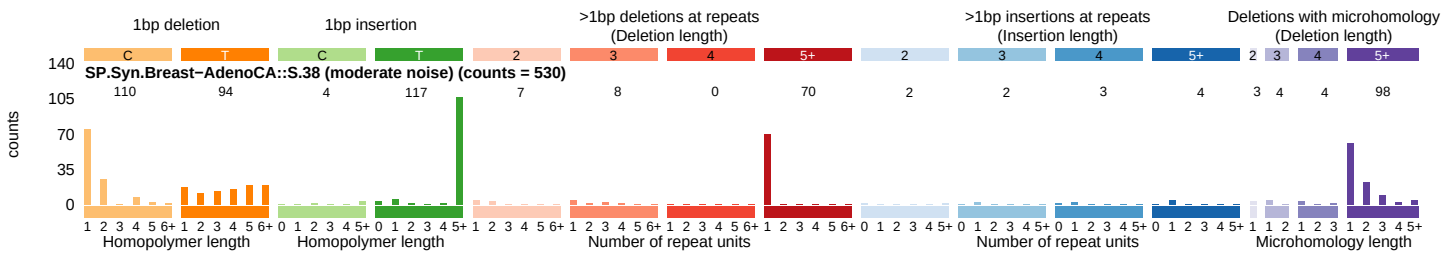

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.33 (moderate noise) (counts = 410)
57 65 4 106 0 4 0 5 9 0 1 5 0 0 5 149
counts
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

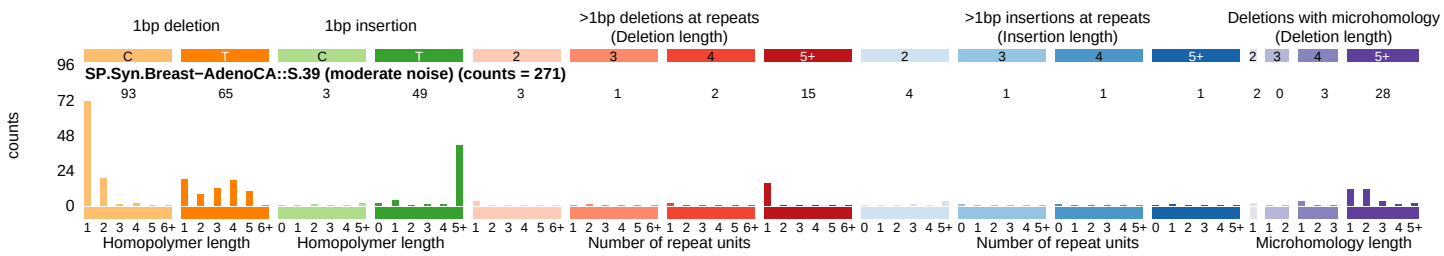

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.34 (moderate noise) (counts = 2382)
126 177 18 301 21 21 11 196 18 1 8 31 4 14 27 1408
counts
588 441 294 147 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

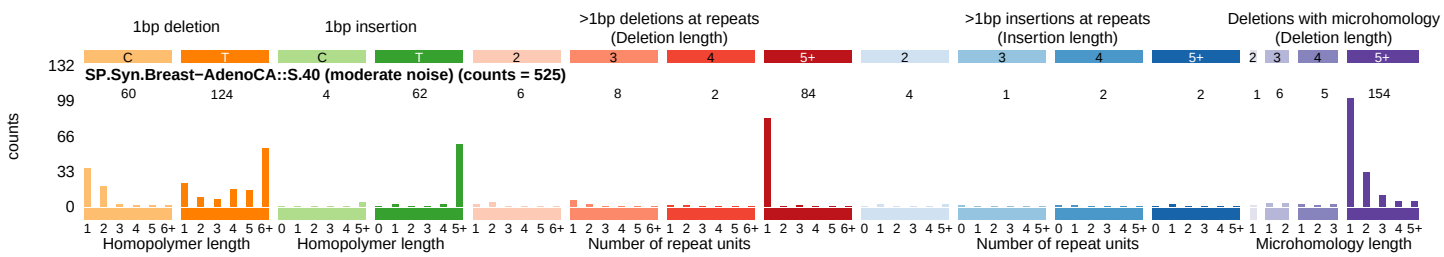

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.35 (moderate noise) (counts = 313)
18 53 3 63 4 5 3 28 6 1 2 1 0 1 1 124
counts
76 57 38 19 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

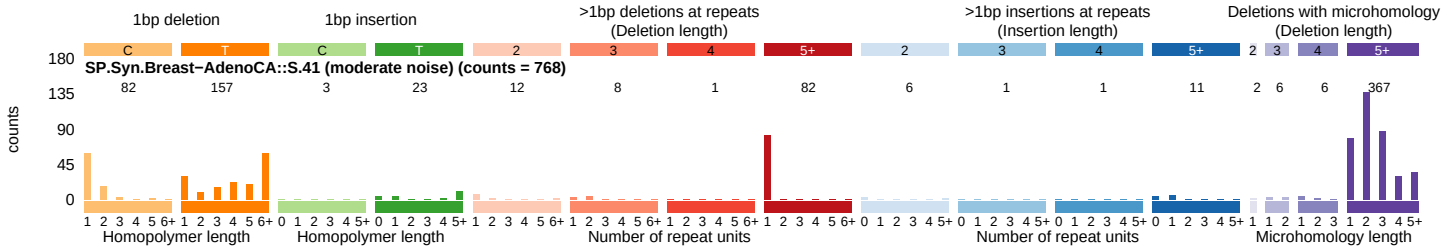

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.36 (moderate noise) (counts = 769)
64 79 5 58 174 65 42 39 5 1 0 2 106 20 40 69
counts
152 114 76 38 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.37 (moderate noise) (counts = 576)
20 57 1 43 8 5 5 44 4 0 2 7 1 5 2 372
counts
144 108 72 36 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.38 (moderate noise) (counts = 530)
110 94 4 117 7 8 0 70 2 2 3 4 3 4 4 98
counts
140 105 70 35 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.39 (moderate noise) (counts = 271)
93 65 3 49 3 1 2 15 4 1 1 1 2 0 3 28
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.40 (moderate noise) (counts = 525)
60 124 4 62 6 8 2 84 4 1 2 2 1 6 5 154
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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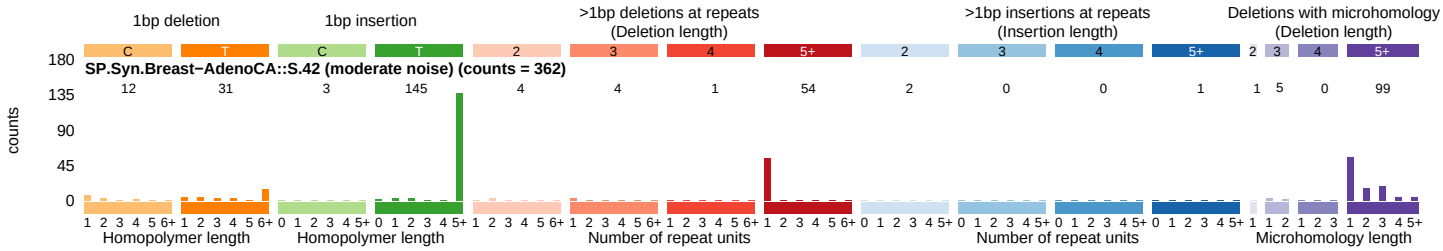
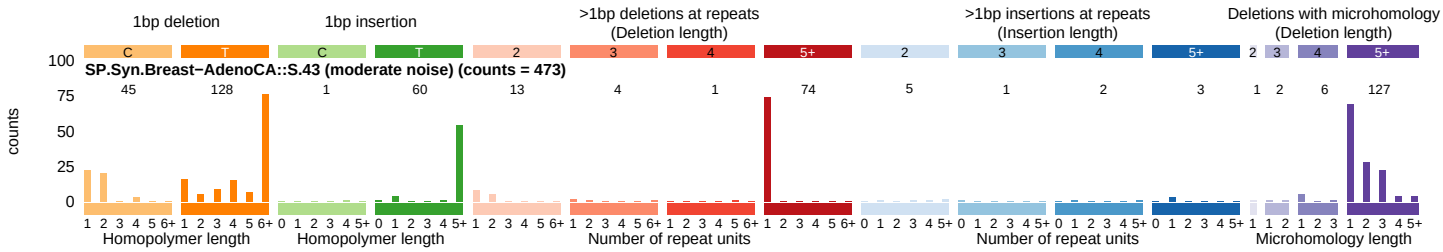
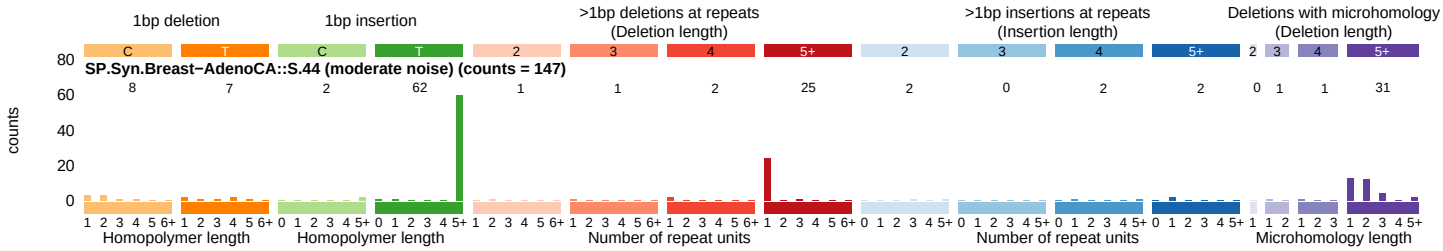
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.41 (moderate noise) (counts = 768)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.42 (moderate noise) (counts = 362)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.43 (moderate noise) (counts = 473)
counts
Homopolymer length
Number of repeat units
Microhomology length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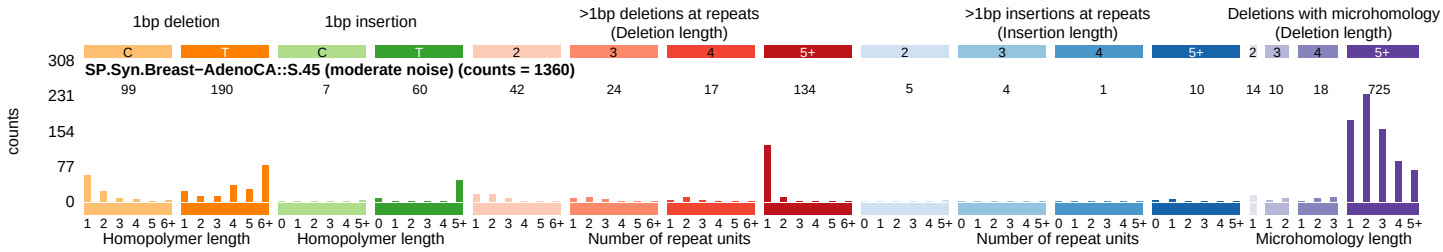
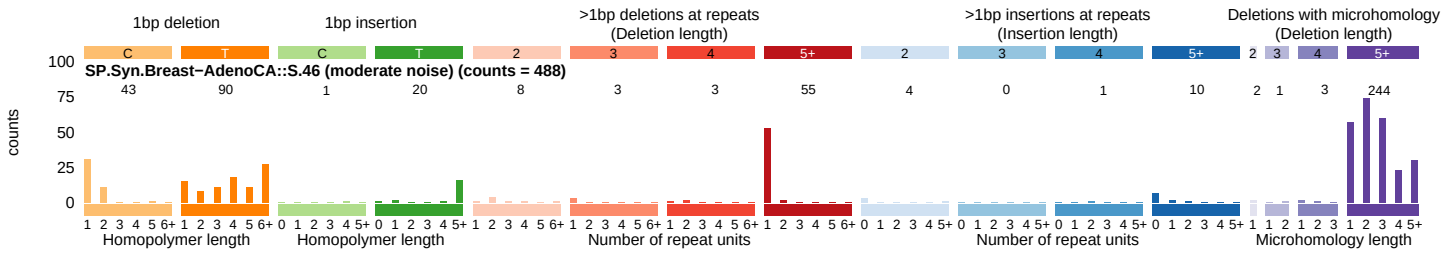
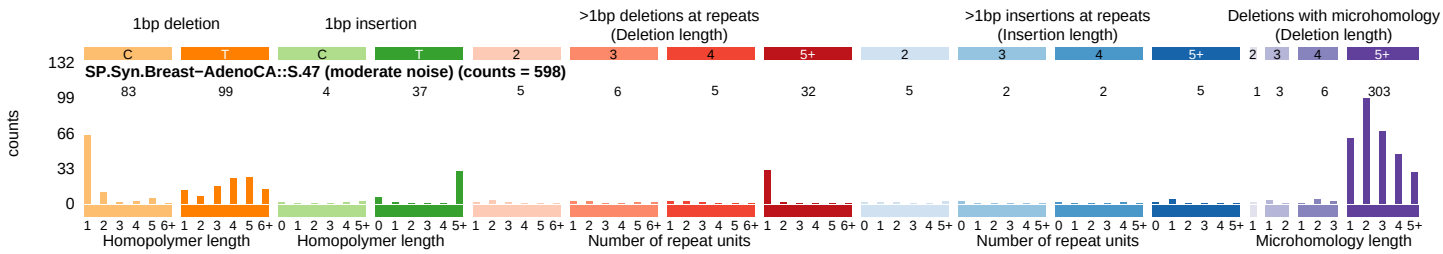
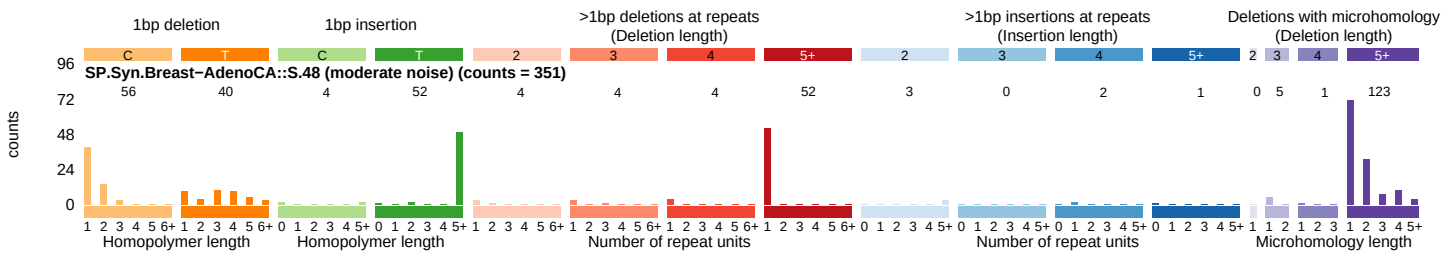
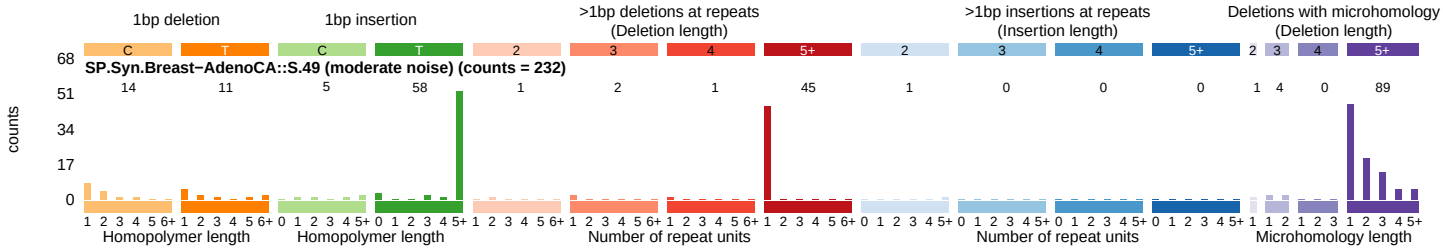
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.44 (moderate noise) (counts = 147)
counts
Homopolymer length
Number of repeat units
Microhomology length

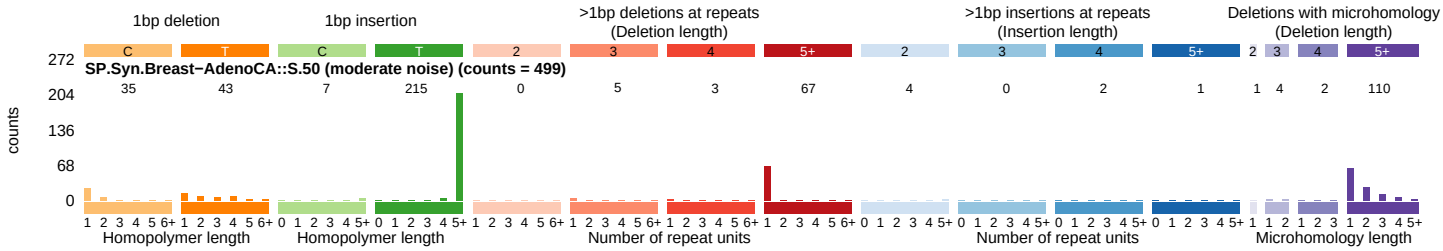

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.45 (moderate noise) (counts = 1360)
counts
Homopolymer length
Number of repeat units
Microhomology length

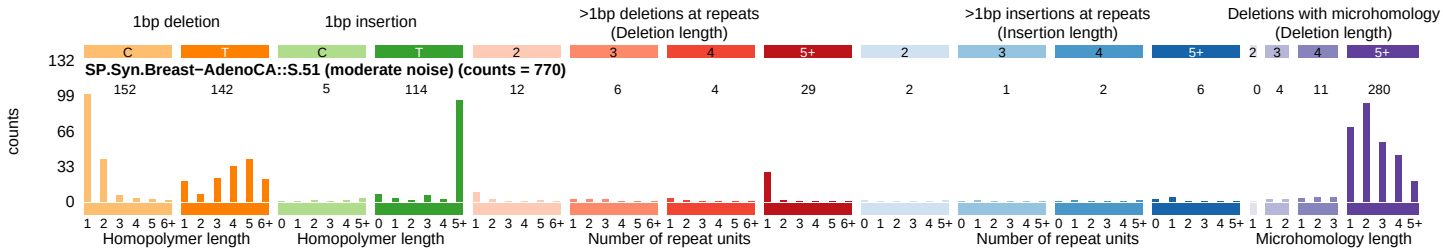

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.46 (moderate noise) (counts = 488)
counts
Homopolymer length
Number of repeat units
Microhomology length

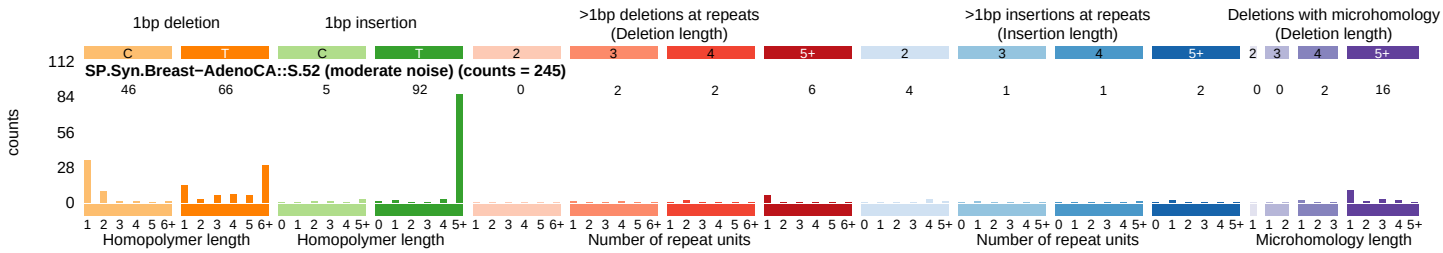

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.47 (moderate noise) (counts = 598)
counts
Homopolymer length
Number of repeat units
Microhomology length

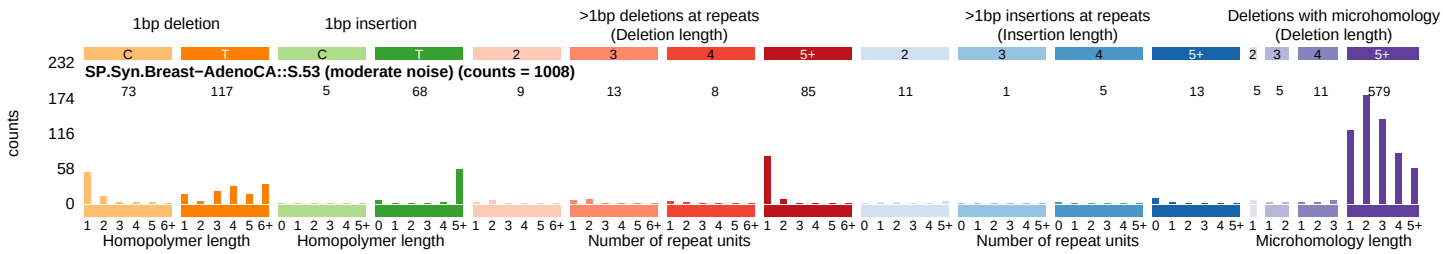

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.48 (moderate noise) (counts = 351)
counts
Homopolymer length
Number of repeat units
Microhomology length

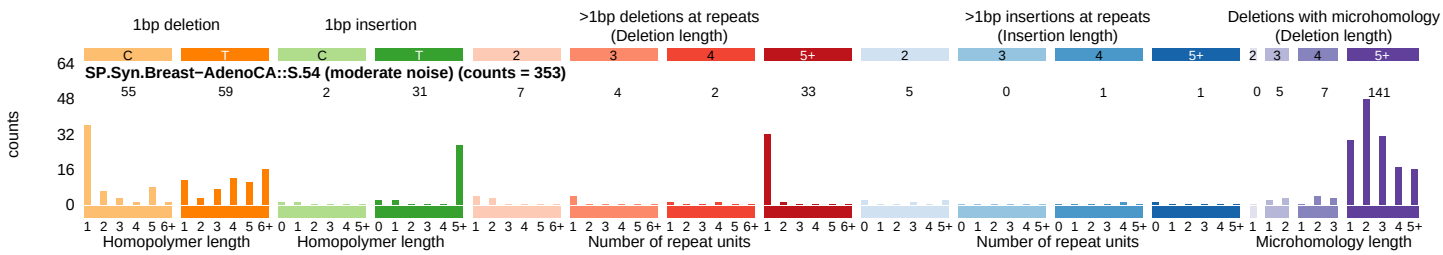

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.49 (moderate noise) (counts = 232)
14 11 5 58 1 2 1 45 1 0 0 0 1 4 0 89
counts
68 51 34 17 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

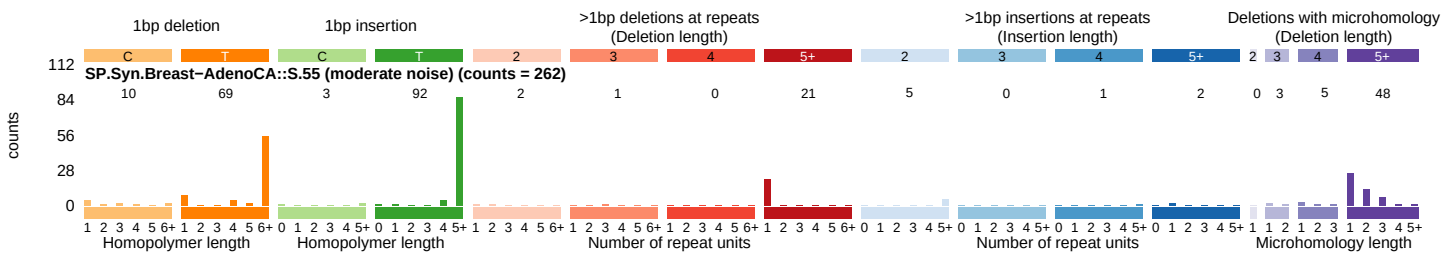

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.50 (moderate noise) (counts = 499)
35 43 7 215 0 5 3 67 4 0 2 1 1 4 2 110
counts
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

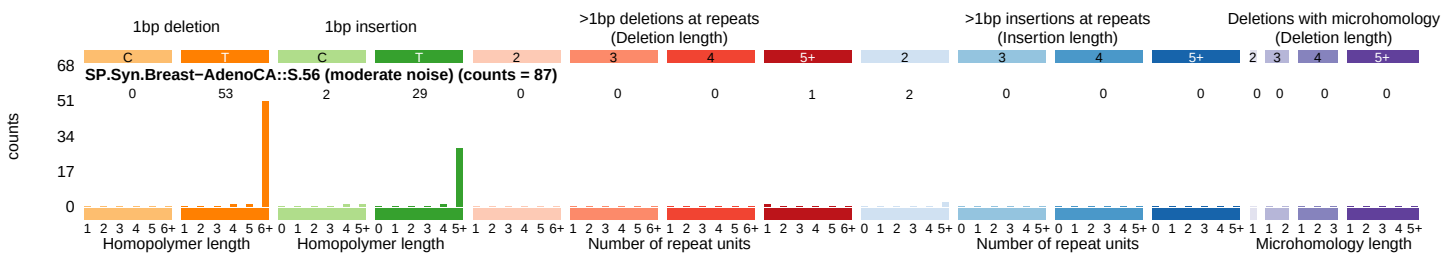

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.51 (moderate noise) (counts = 770)
152 142 5 114 12 6 4 29 2 1 2 6 0 4 11 280
counts
132 99 66 33 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

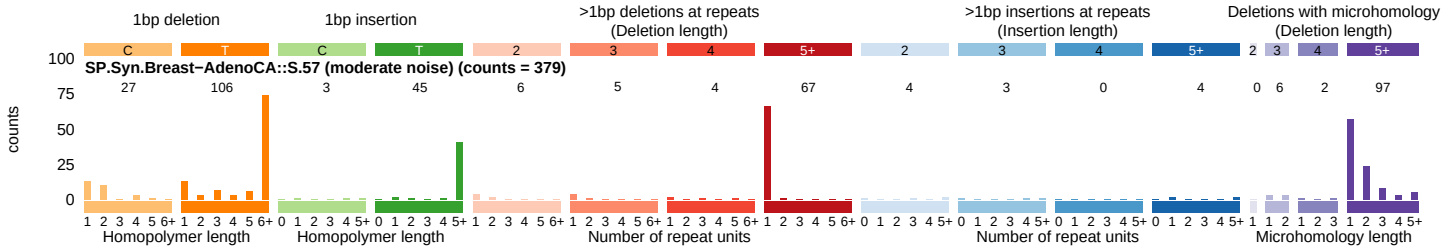

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.52 (moderate noise) (counts = 245)
46 66 5 92 0 2 2 6 4 1 1 2 0 0 2 16
counts
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

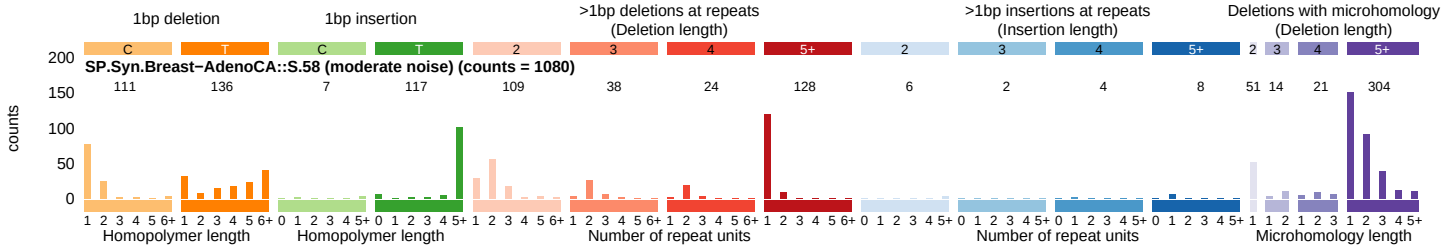

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.53 (moderate noise) (counts = 1008)
73 117 5 68 9 13 8 85 11 1 5 13 5 5 11 579
counts
232 174 116 58 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

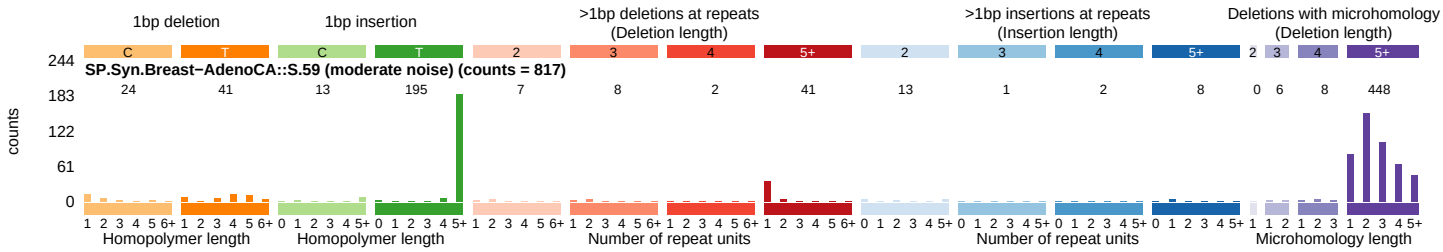

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.54 (moderate noise) (counts = 353)
55 59 2 31 7 4 2 33 5 0 1 1 0 5 7 141
counts
64 48 32 16 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

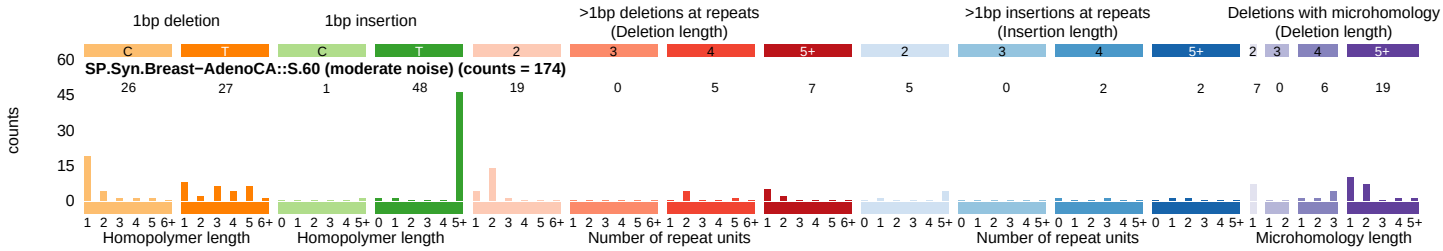

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.55 (moderate noise) (counts = 262)
10 69 3 92 2 1 0 21 5 0 1 2 0 3 5 48
counts
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

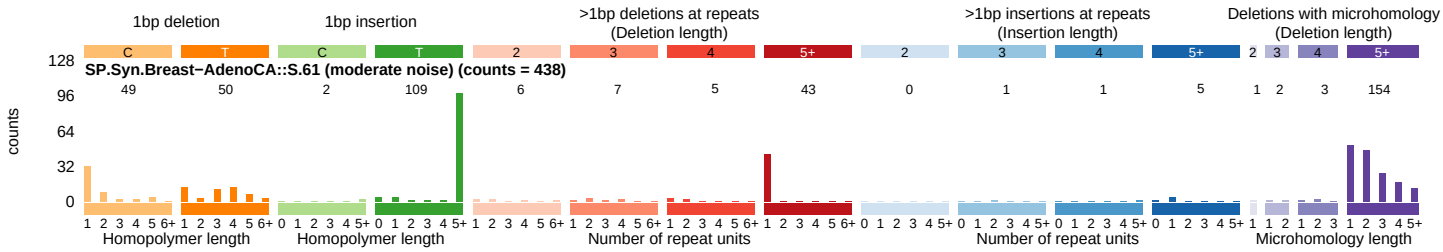

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.56 (moderate noise) (counts = 87)
0 53 2 29 0 0 0 1 2 0 0 0 0 0 0 0
counts
68 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

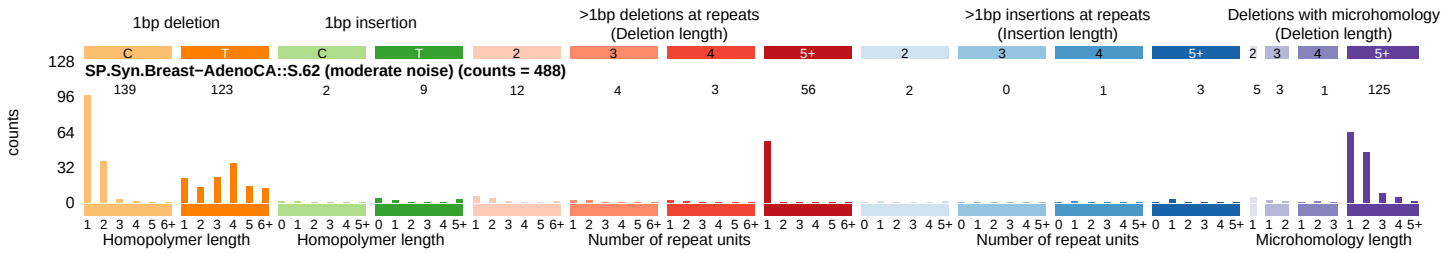

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.57 (moderate noise) (counts = 379)
27 106 3 45 6 5 4 67 4 3 0 4 0 6 2 97
counts
Homopolymer length
Number of repeat units
Microhomology length

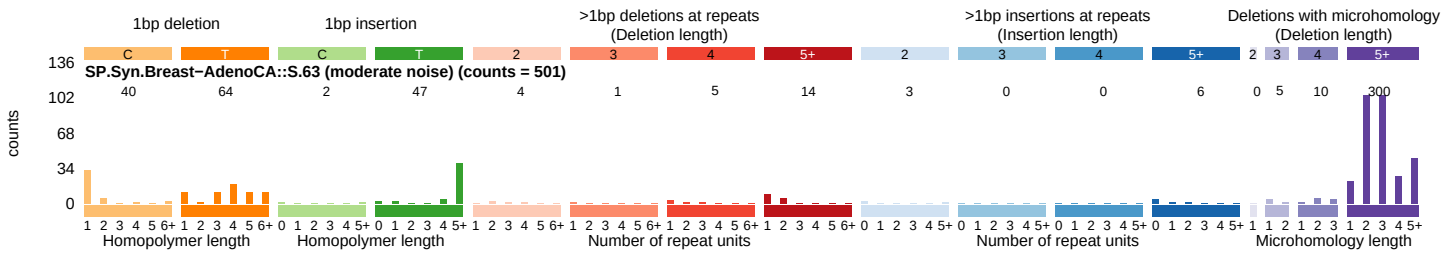

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.58 (moderate noise) (counts = 1080)
111 136 7 117 109 38 24 128 6 2 4 8 51 14 21 304
counts
Homopolymer length
Number of repeat units
Microhomology length

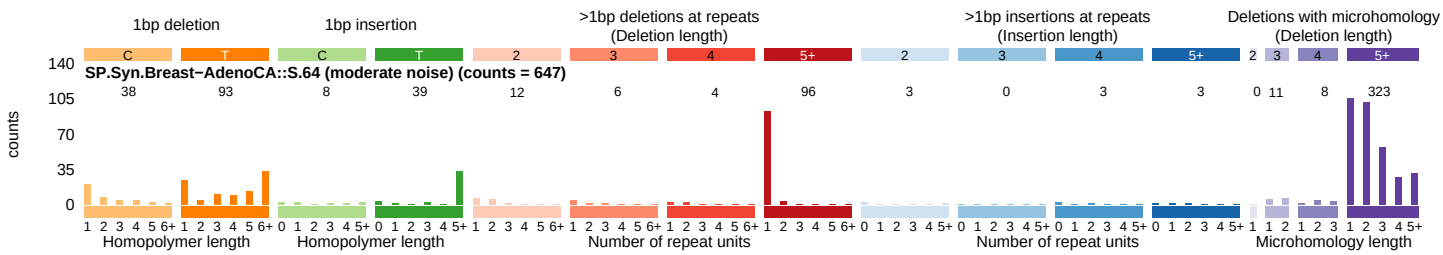

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.59 (moderate noise) (counts = 817)
24 41 13 195 7 8 2 41 13 1 2 8 0 6 8 448
counts
Homopolymer length
Number of repeat units
Microhomology length

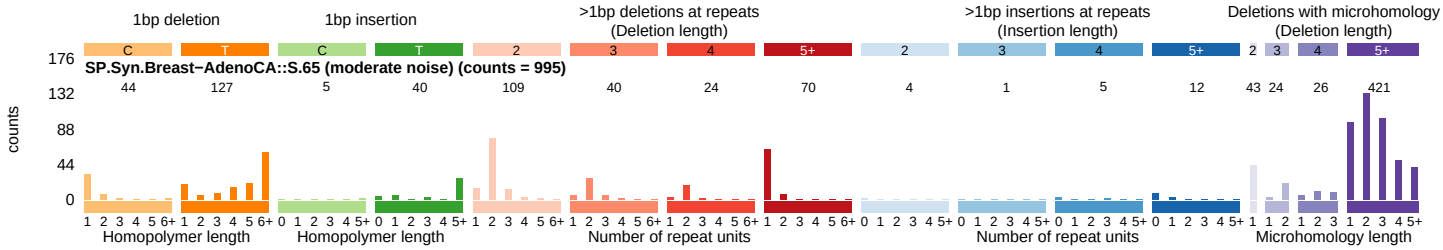

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.60 (moderate noise) (counts = 174)
26 27 1 48 19 0 5 7 5 0 2 2 7 0 6 19
counts
Homopolymer length
Number of repeat units
Microhomology length

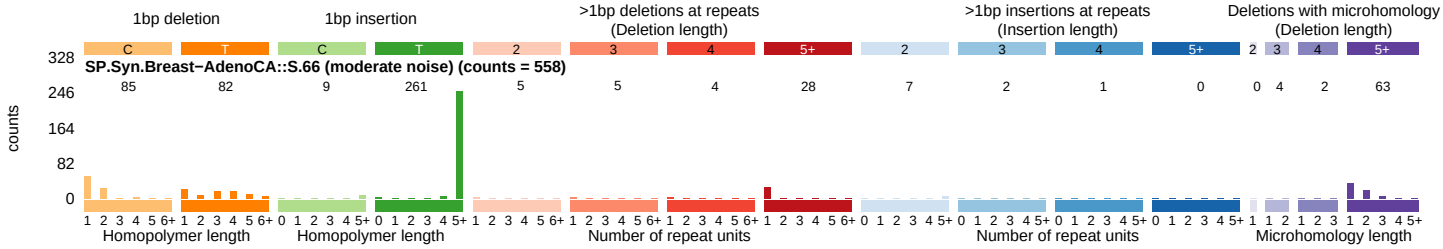

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.61 (moderate noise) (counts = 438)
49 50 2 109 6 7 5 43 0 1 1 5 1 2 3 154
counts
Homopolymer length
Number of repeat units
Microhomology length

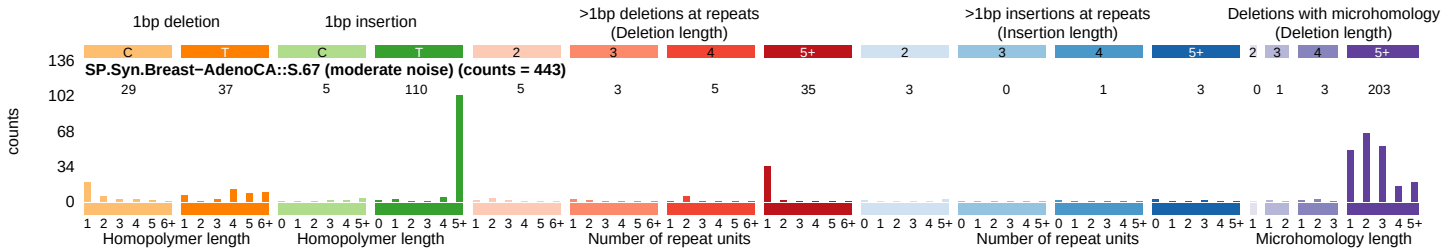

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.62 (moderate noise) (counts = 488)
139 123 2 9 12 4 3 56 2 0 1 3 5 3 1 125
counts
Homopolymer length
Number of repeat 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.Breast−AdenoCA::S.63 (moderate noise) (counts = 501)
40 64 2 47 4 1 5 14 3 0 0 6 0 5 10 300
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.64 (moderate noise) (counts = 647)
38 93 8 39 12 6 4 96 3 0 3 3 0 11 8 323
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.65 (moderate noise) (counts = 995)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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 (moderate noise) (counts = 558)
counts
Homopolymer length
Number of repeat units
Microhomology length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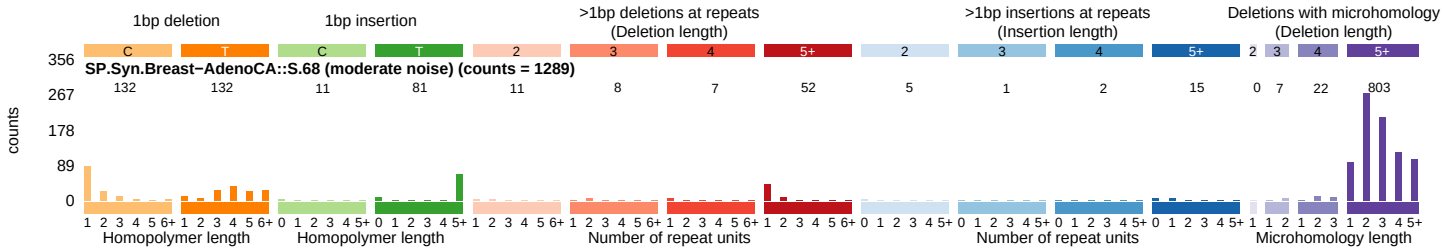
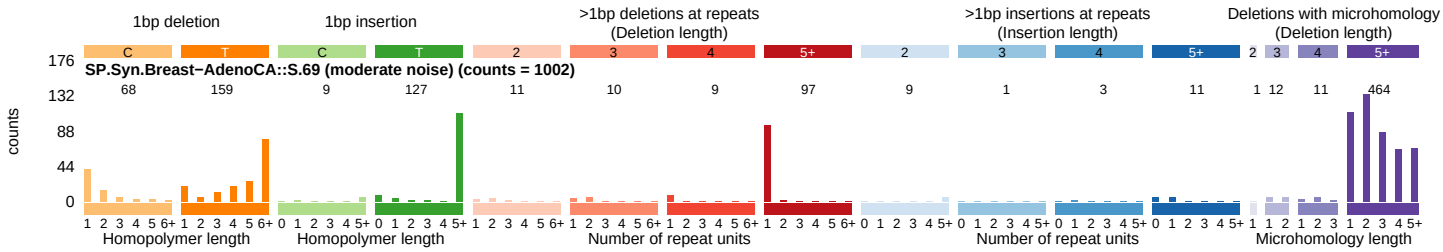
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.67 (moderate noise) (counts = 443)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.68 (moderate noise) (counts = 1289)
counts
Homopolymer length
Number of repeat units
Microhomology length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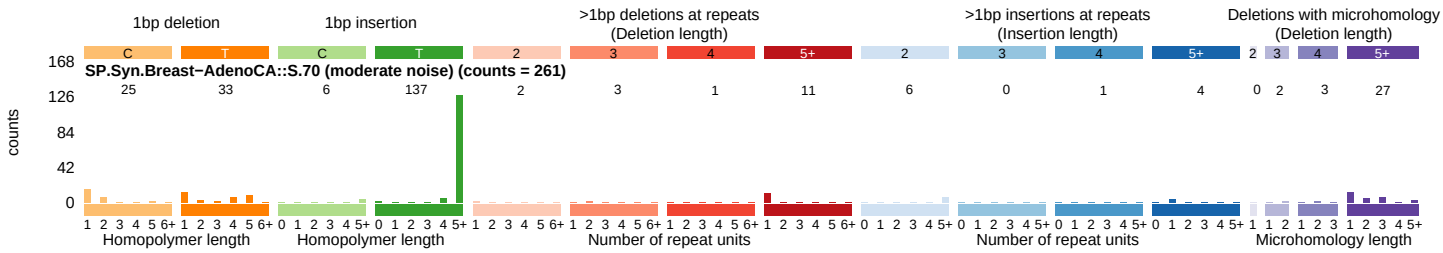
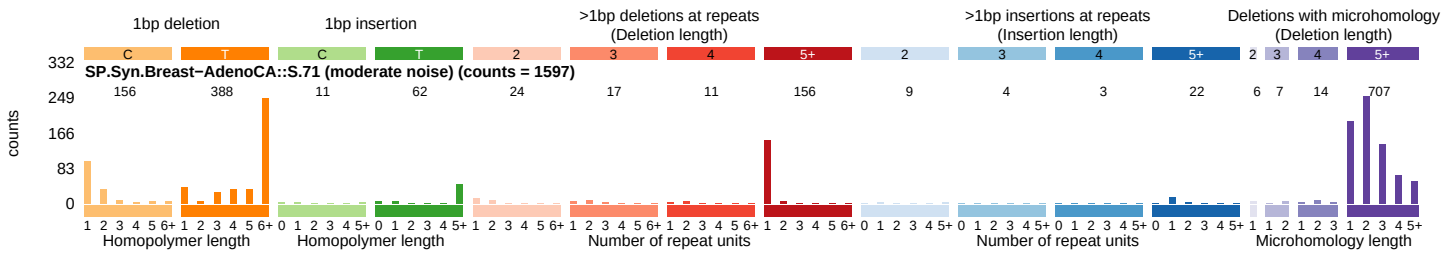
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.69 (moderate noise) (counts = 1002)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.70 (moderate noise) (counts = 261)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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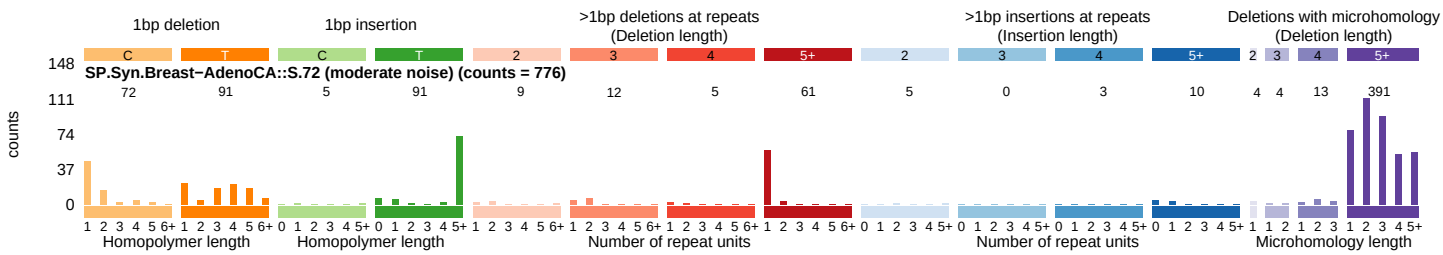
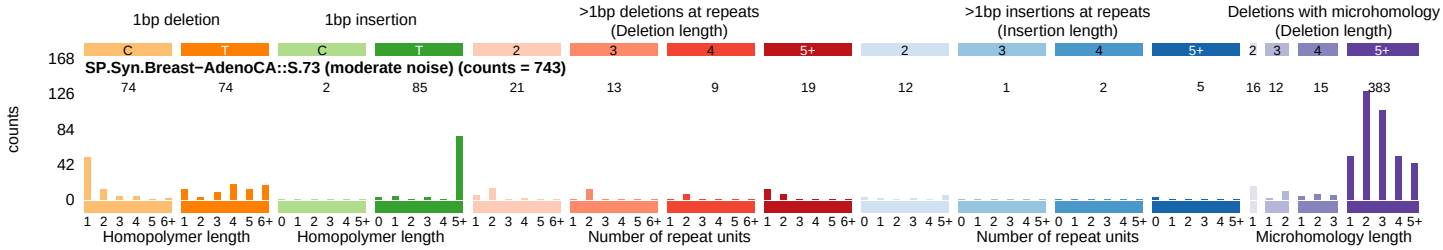
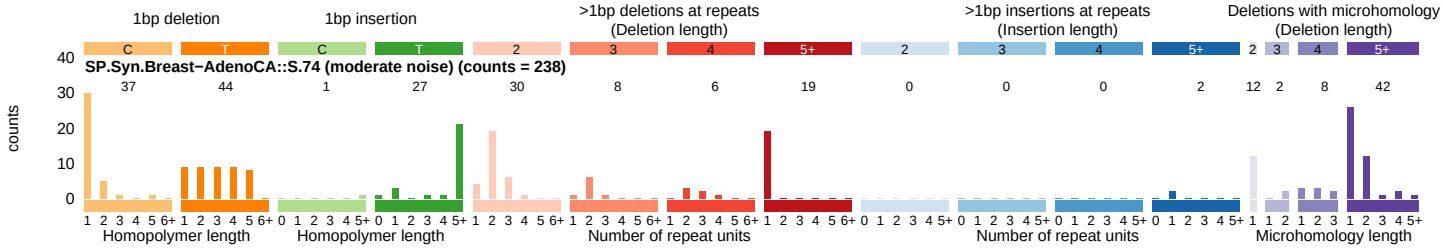
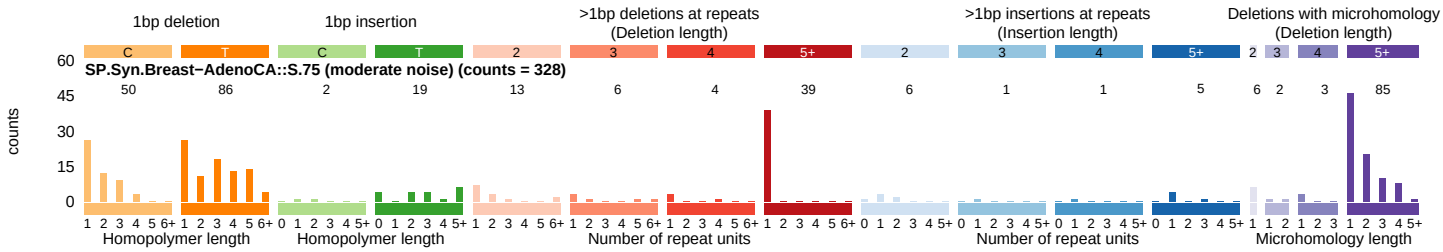
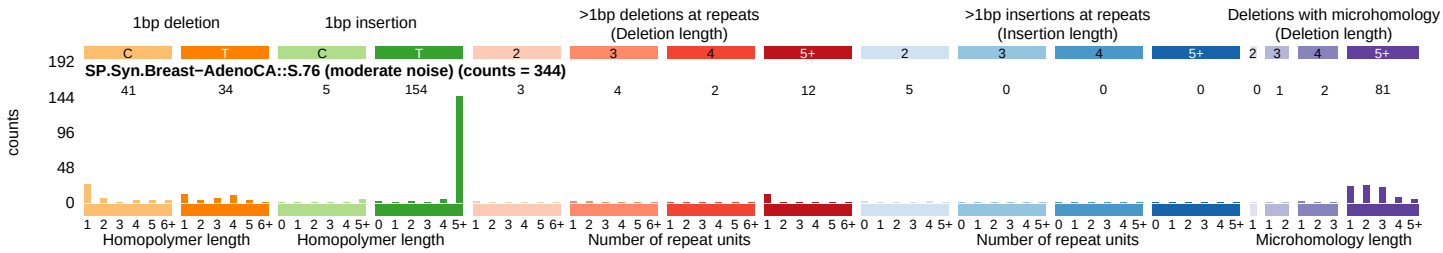
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.71 (moderate noise) (counts = 1597)
counts
Homopolymer length
Number of repeat units
Microhomology length

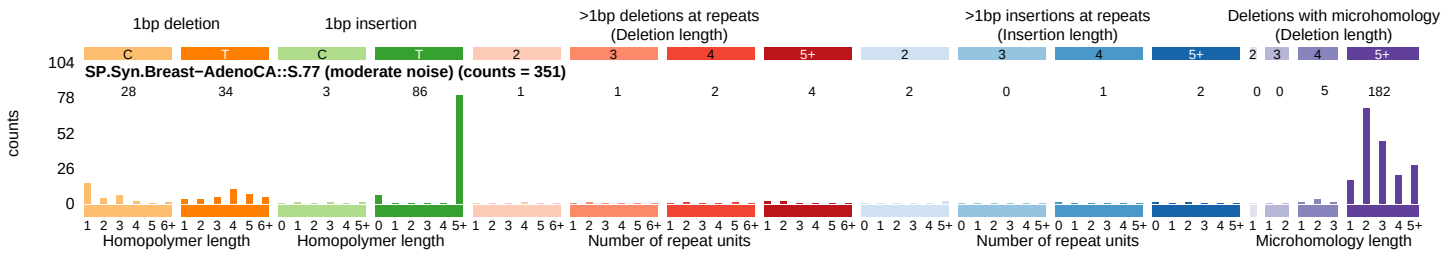

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.72 (moderate noise) (counts = 776)
counts
Homopolymer length
Number of repeat units
Microhomology length

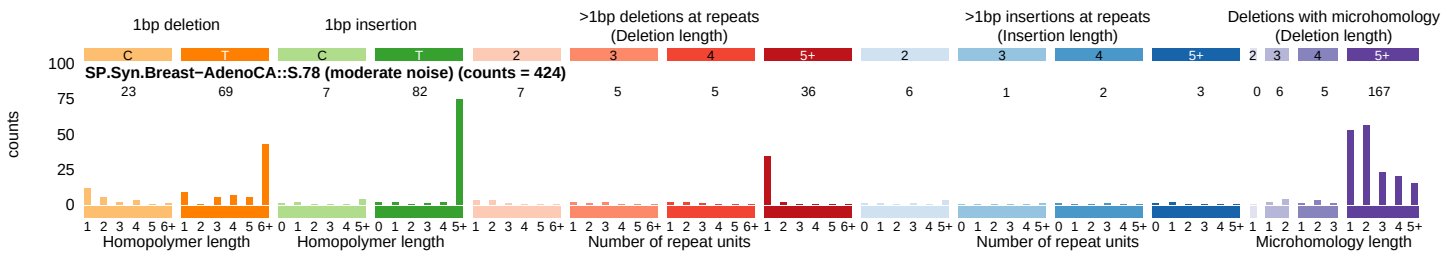

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.73 (moderate noise) (counts = 743)
74 74 2 85 21 13 9 19 12 1 2 5 16 12 15 383
counts
Homopolymer length
Number of repeat units
Microhomology length

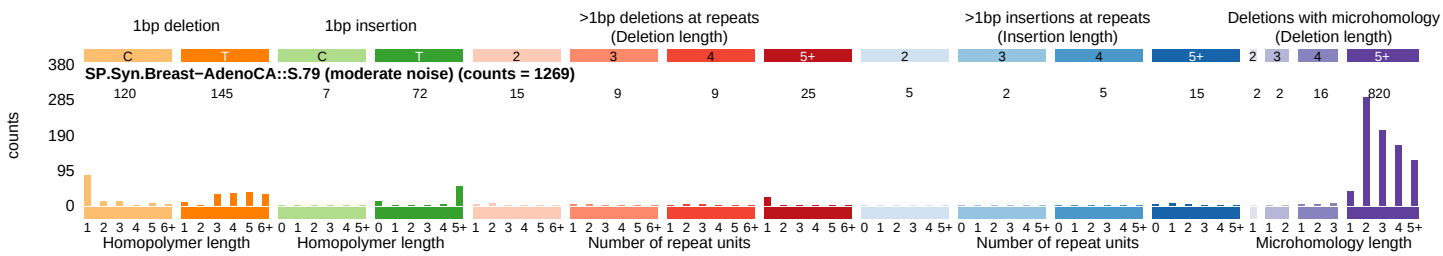

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.74 (moderate noise) (counts = 238)
37 44 1 27 30 8 6 19 0 0 0 2 12 2 8 42
counts
Homopolymer length
Number of repeat units
Microhomology length

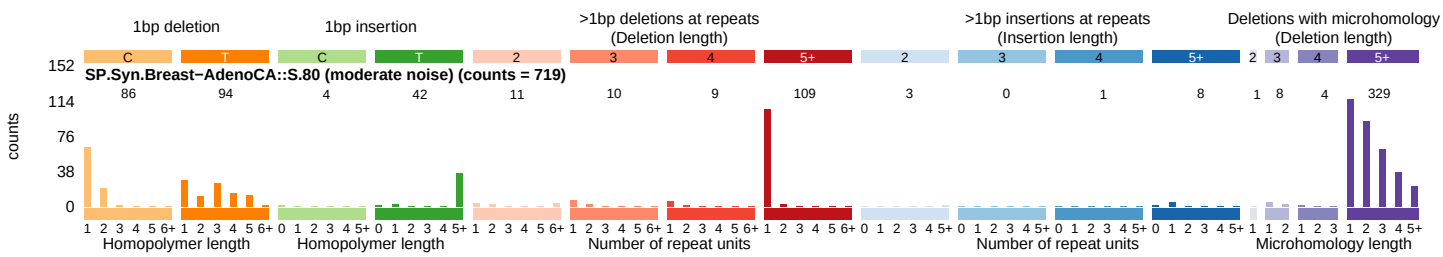

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.75 (moderate noise) (counts = 328)
50 86 2 19 13 6 4 39 6 1 1 5 6 2 3 85
counts
Homopolymer length
Number of repeat units
Microhomology length

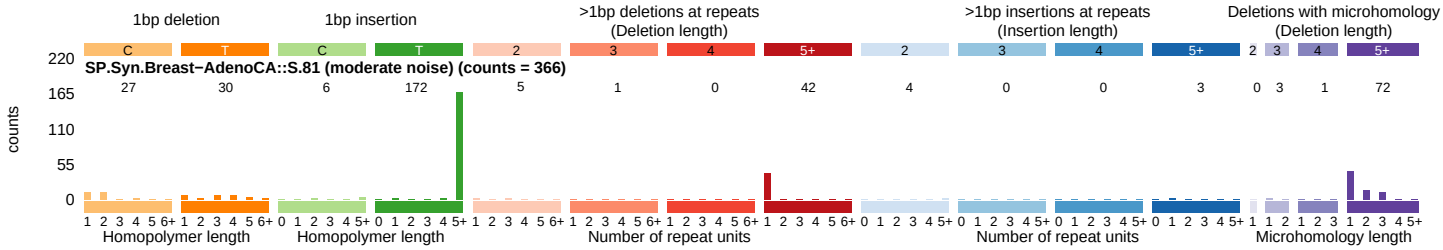

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.76 (moderate noise) (counts = 344)
41 34 5 154 3 4 2 12 5 0 0 0 0 1 2 81
counts
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.Breast−AdenoCA::S.77 (moderate noise) (counts = 351)
28 34 3 86 1 1 2 4 2 0 1 2 0 0 5 182
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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.78 (moderate noise) (counts = 424)
23 69 7 82 7 5 5 36 6 1 2 3 0 6 5 167
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.79 (moderate noise) (counts = 1269)
120 145 7 72 15 9 9 25 5 2 5 15 2 2 16 820
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion 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 (moderate noise) (counts = 719)
86 94 4 42 11 10 9 109 3 0 1 8 1 8 4 329
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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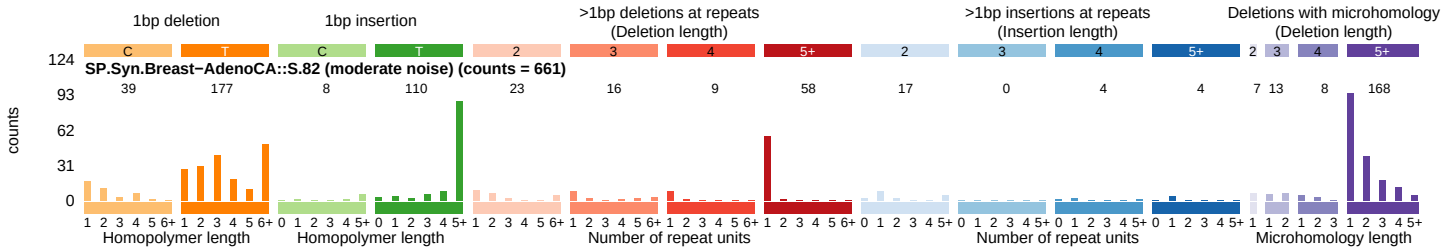
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.81 (moderate noise) (counts = 366)
27 30 6 172 5 1 0 42 4 0 0 3 0 3 1 72
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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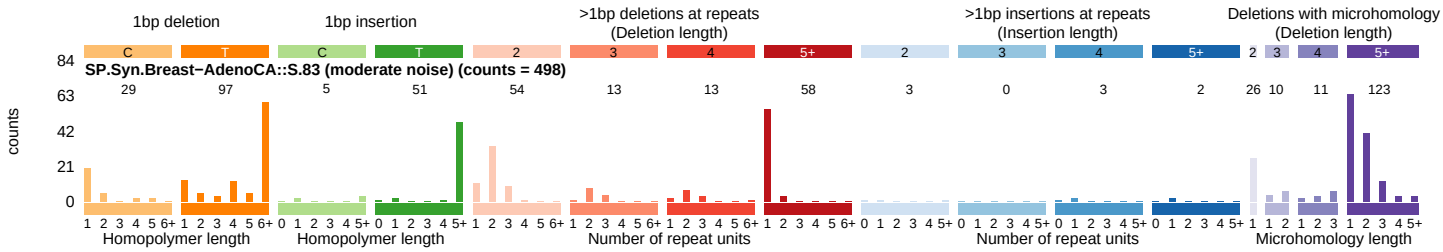
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.82 (moderate noise) (counts = 661)
39 177 8 110 23 16 9 58 17 0 4 4 7 13 8 168
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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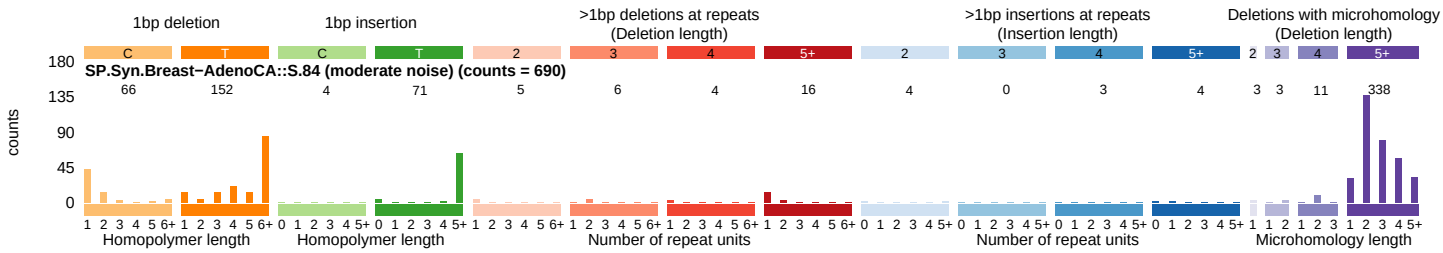
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.83 (moderate noise) (counts = 498)
29 97 5 51 54 13 13 58 3 0 3 2 26 10 11 123
counts
Homopolymer length
Number of repeat units
Microhomology length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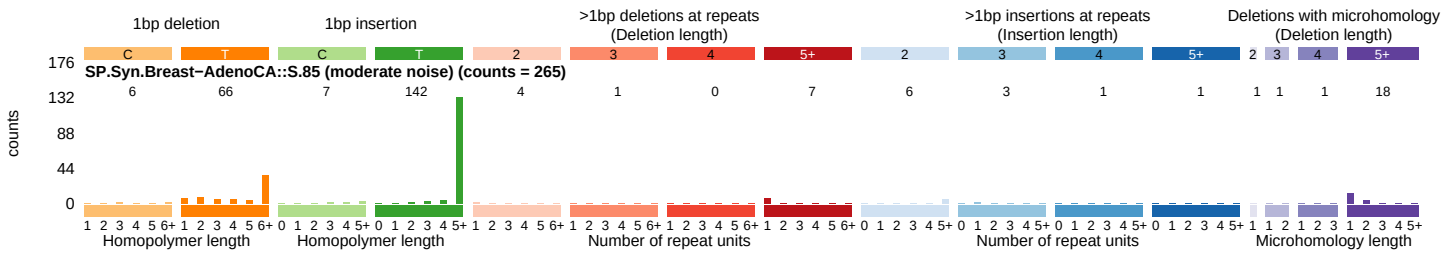
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.84 (moderate noise) (counts = 690)
66 152 4 71 5 6 4 16 4 0 3 4 3 3 11 338
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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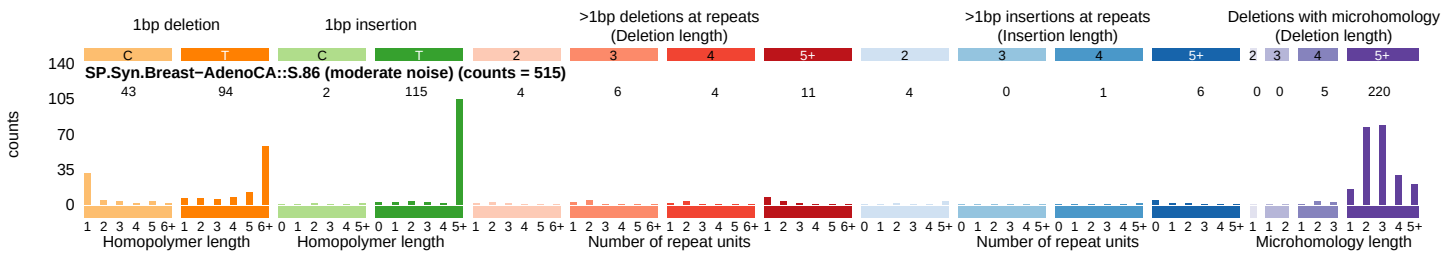
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.85 (moderate noise) (counts = 265)
6 66 7 142 4 1 0 7 6 3 1 1 1 1 1 18
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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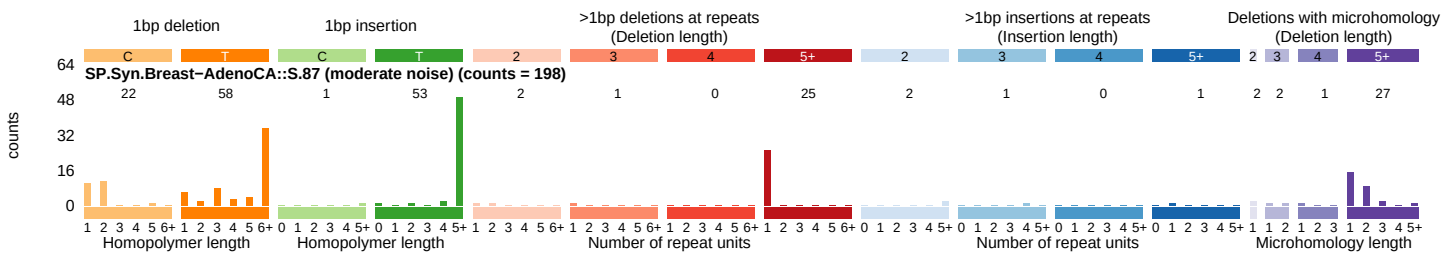
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.86 (moderate noise) (counts = 515)
43 94 2 115 4 6 4 11 4 0 1 6 0 0 5 220
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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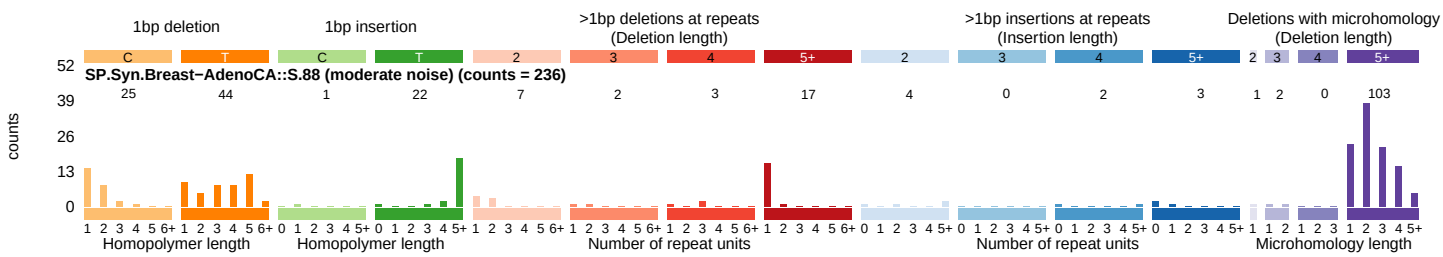
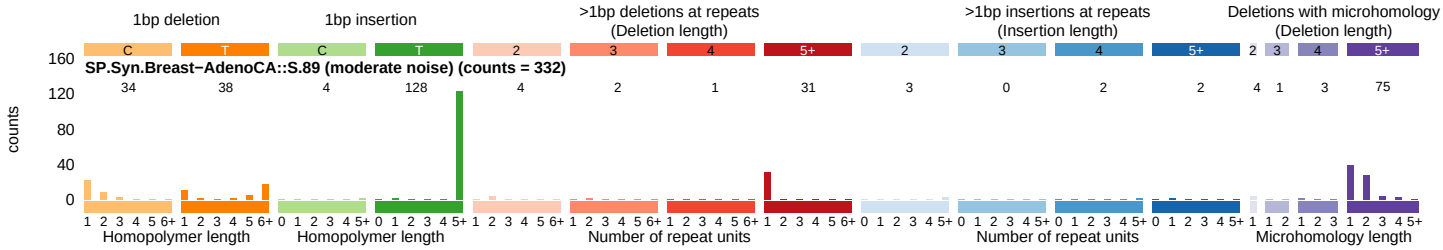
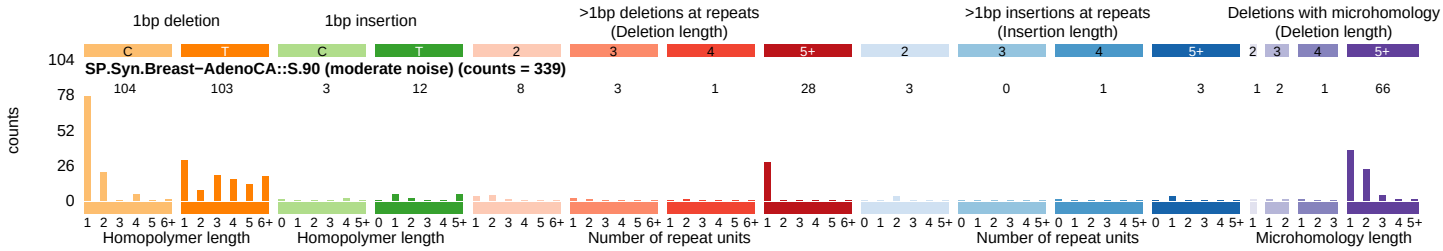
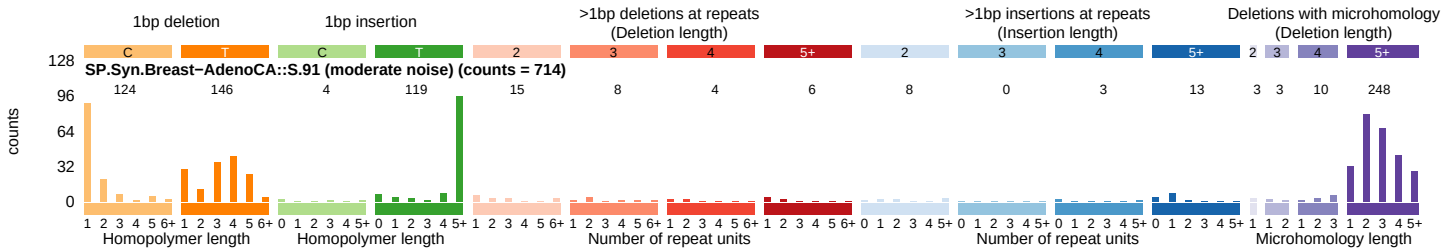
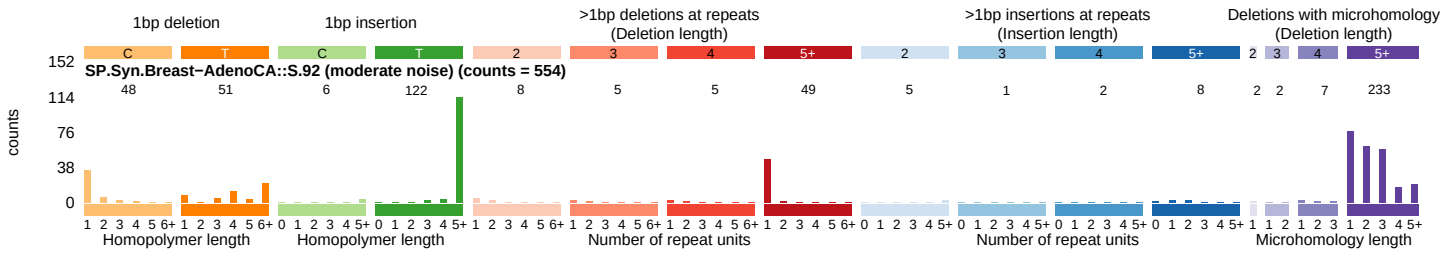
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.87 (moderate noise) (counts = 198)
22 58 1 53 2 1 0 25 2 1 0 1 2 2 1 27
counts
Homopolymer length
Number of repeat units
Microhomology length

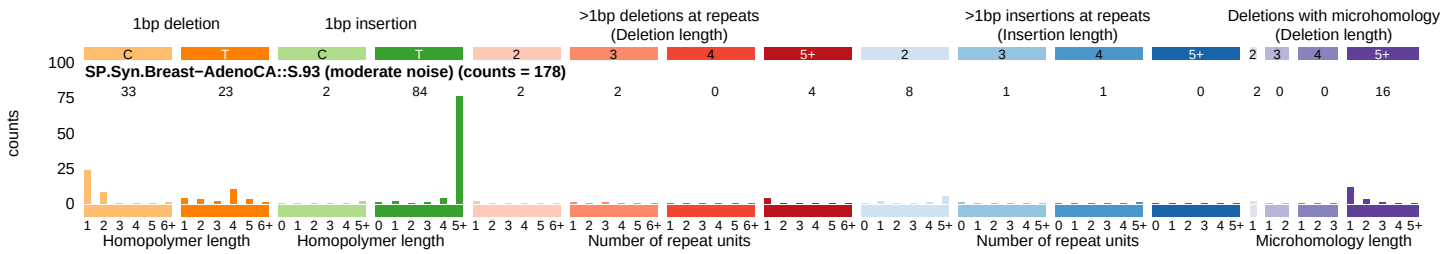

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.88 (moderate noise) (counts = 236)
25 44 1 22 7 2 3 17 4 0 2 3 1 2 0 103
counts
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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.89 (moderate noise) (counts = 332)
34 38 4 128 4 2 1 31 3 0 2 2 4 1 3 75
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.90 (moderate noise) (counts = 339)
104 103 3 12 8 3 1 28 3 0 1 3 1 2 1 66
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.91 (moderate noise) (counts = 714)
124 146 4 119 15 8 4 6 8 0 3 13 3 3 10 248
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.92 (moderate noise) (counts = 554)
48 51 6 122 8 5 5 49 5 1 2 8 2 2 7 233
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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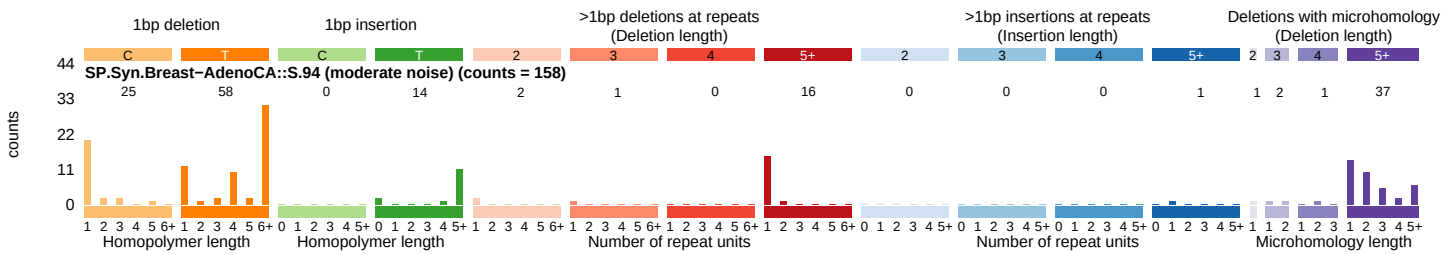
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.93 (moderate noise) (counts = 178)
33 23 2 84 2 2 0 4 8 1 1 0 2 0 0 16
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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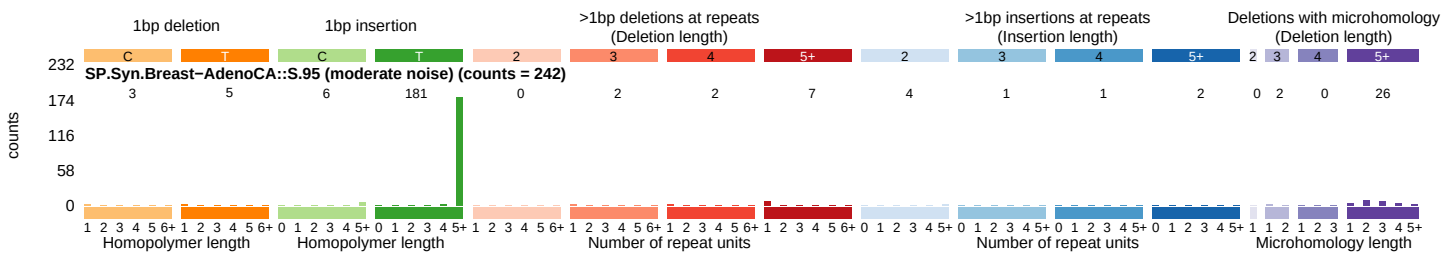
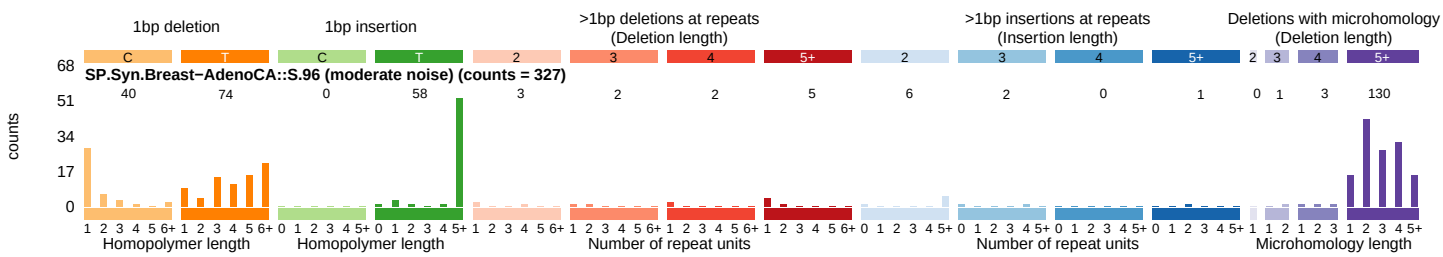
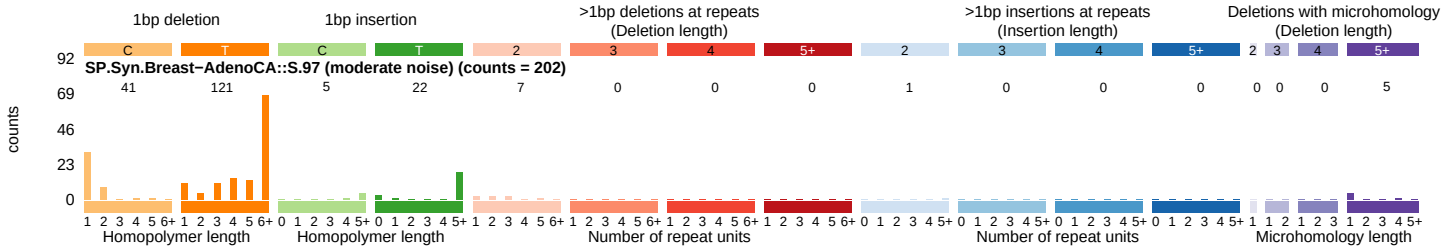
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.94 (moderate noise) (counts = 158)
25 58 0 14 2 1 0 16 0 0 0 1 1 2 1 37
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.95 (moderate noise) (counts = 242)
3 5 6 181 0 2 2 7 4 1 1 2 0 2 0 26
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.96 (moderate noise) (counts = 327)
40 74 0 58 3 2 2 5 6 2 0 1 0 1 3 130
counts
Homopolymer length
Number of repeat units
Microhomology length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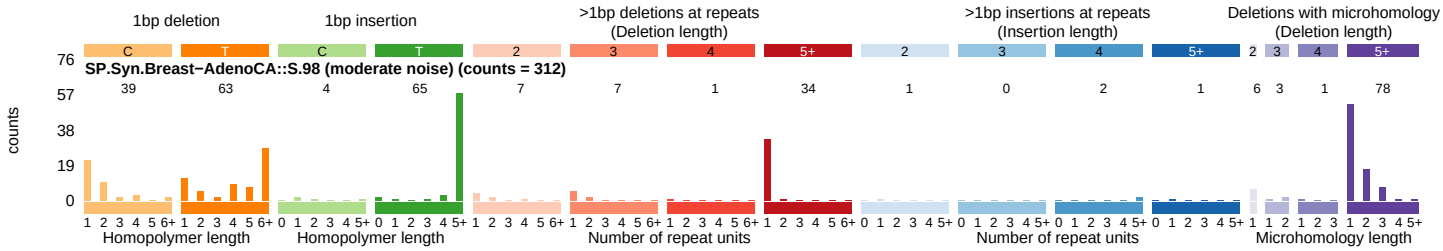
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.97 (moderate noise) (counts = 202)
counts
Homopolymer length
Number of repeat units
Microhomology length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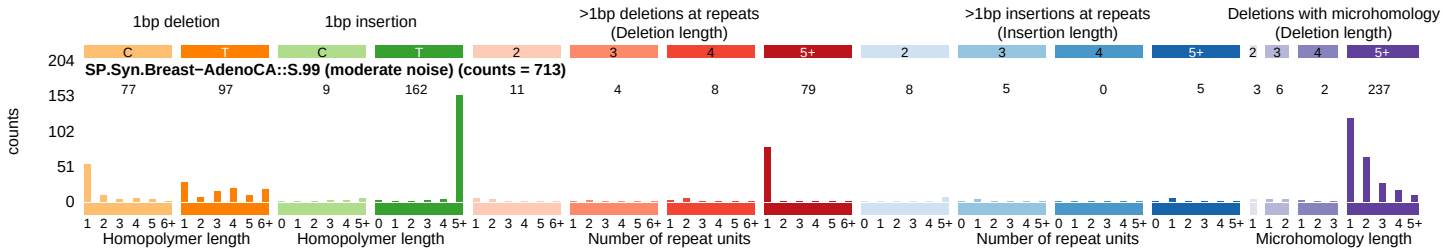
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.98 (moderate noise) (counts = 312)
counts
Homopolymer length
Number of repeat units
Microhomology length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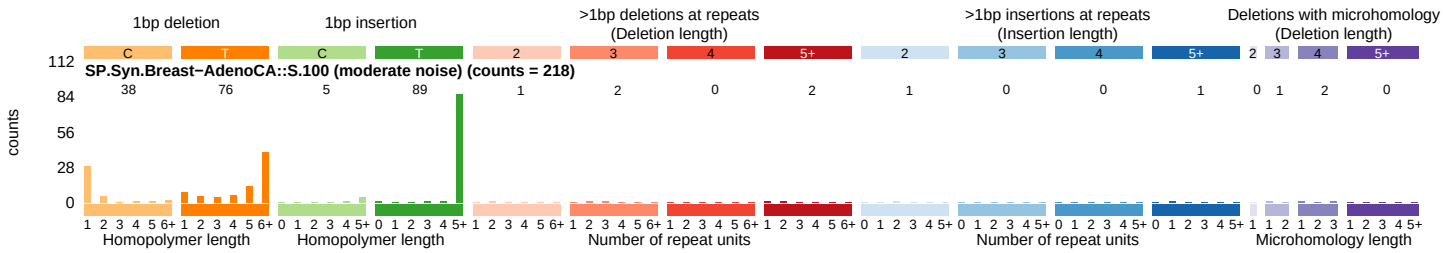
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.99 (moderate noise) (counts = 713)
counts
Homopolymer length
Number of repeat units
Microhomology length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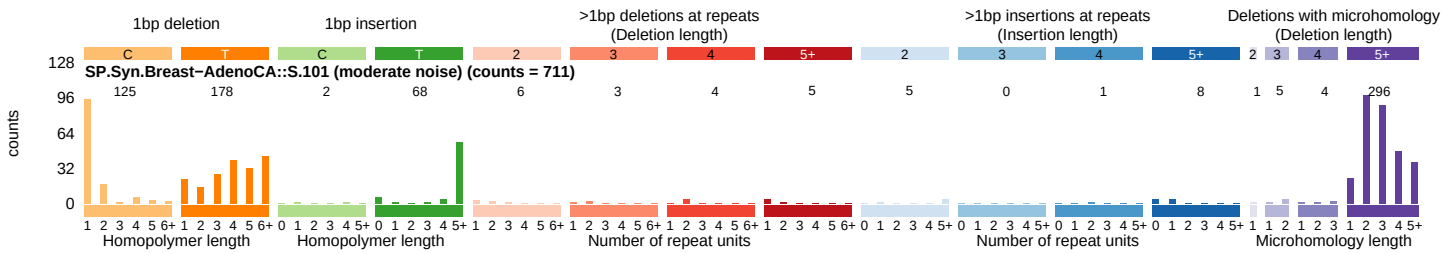
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.100 (moderate noise) (counts = 218)
counts
Homopolymer length
Number of repeat units
Microhomology length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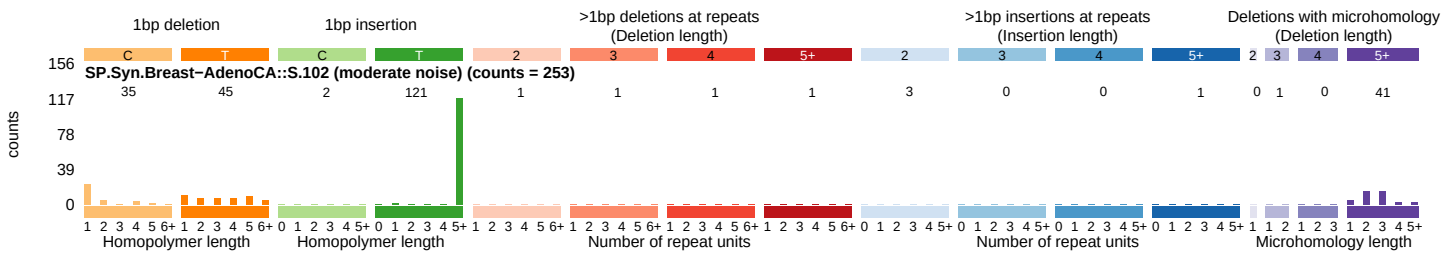
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.101 (moderate noise) (counts = 711)
counts
Homopolymer length
Number of repeat units
Microhomology length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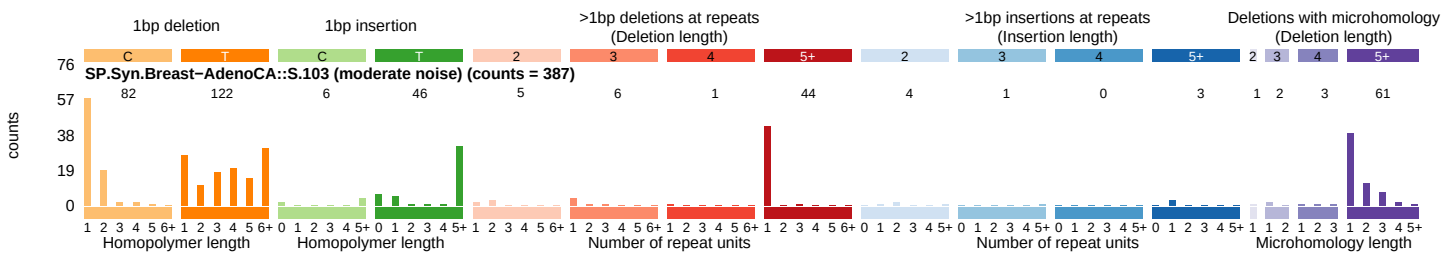
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.102 (moderate noise) (counts = 253)
counts
Homopolymer length
Number of repeat units
Microhomology length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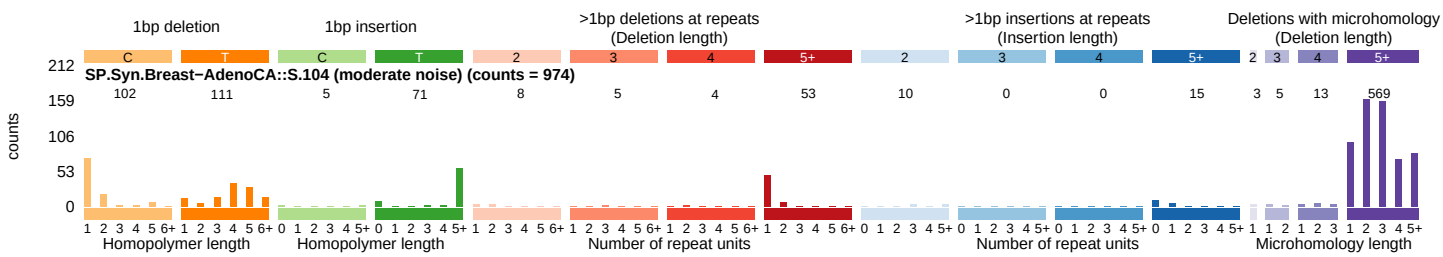
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.103 (moderate noise) (counts = 387)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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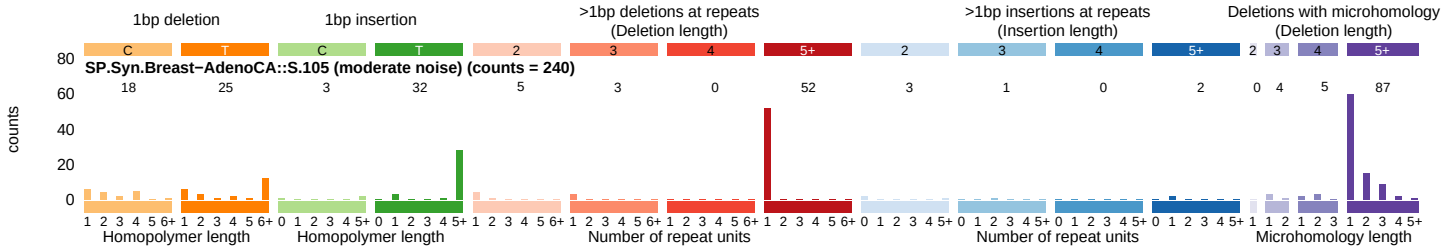
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.104 (moderate noise) (counts = 974)
counts
Homopolymer length
Number of repeat units
Microhomology length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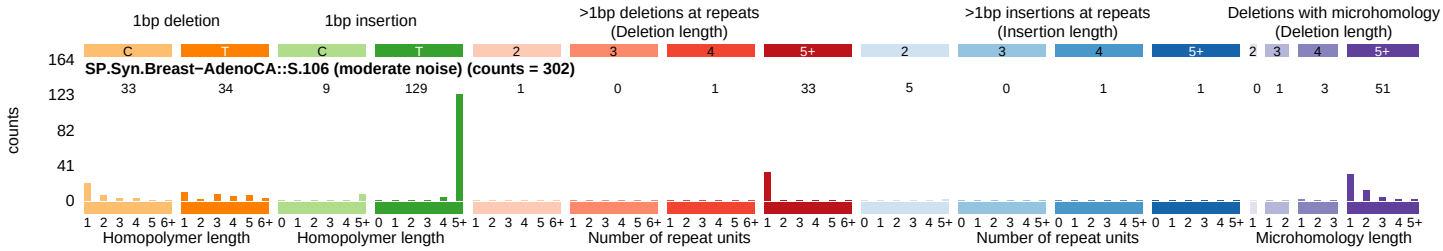
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.105 (moderate noise) (counts = 240)
counts
Homopolymer length
Number of repeat units
Microhomology length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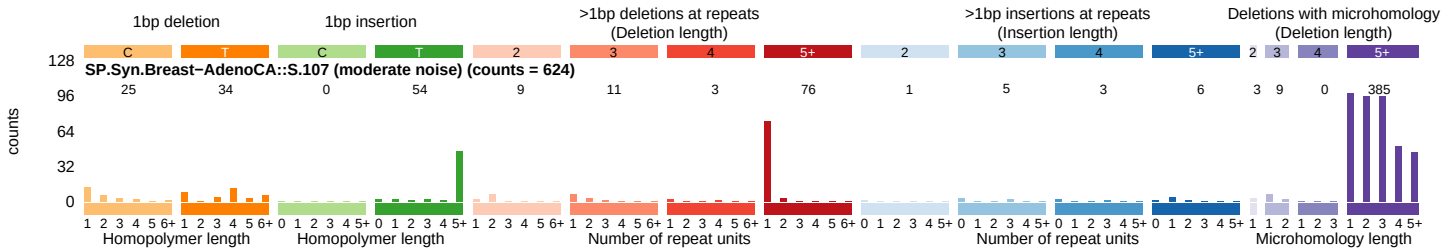
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.106 (moderate noise) (counts = 302)
counts
Homopolymer length
Number of repeat units
Microhomology length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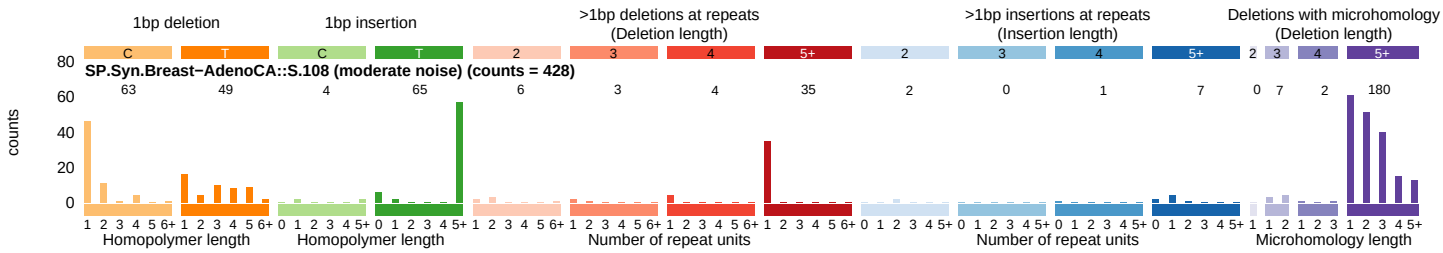
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.107 (moderate noise) (counts = 624)
counts
Homopolymer length
Number of repeat units
Microhomology length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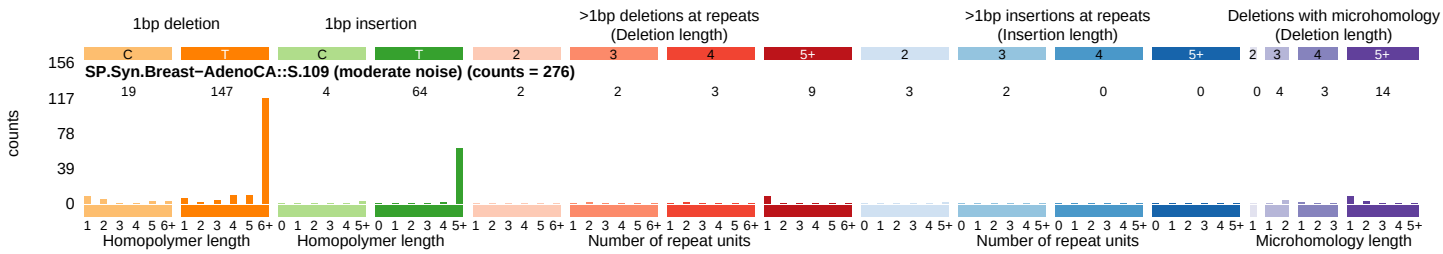
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.108 (moderate noise) (counts = 428)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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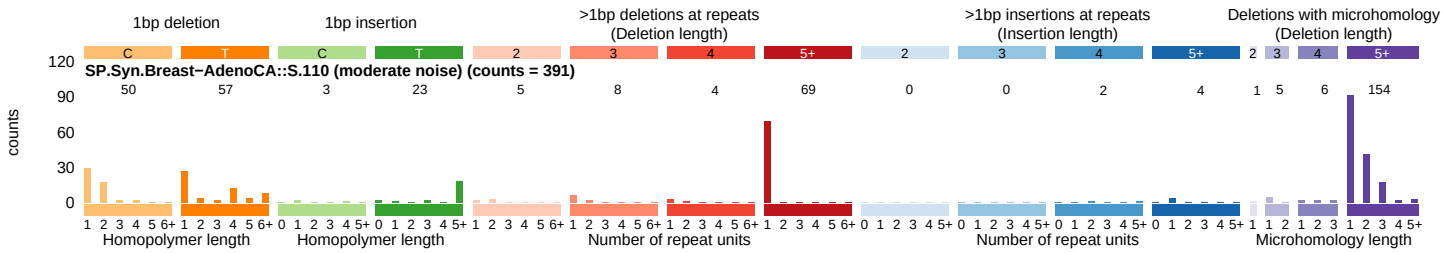
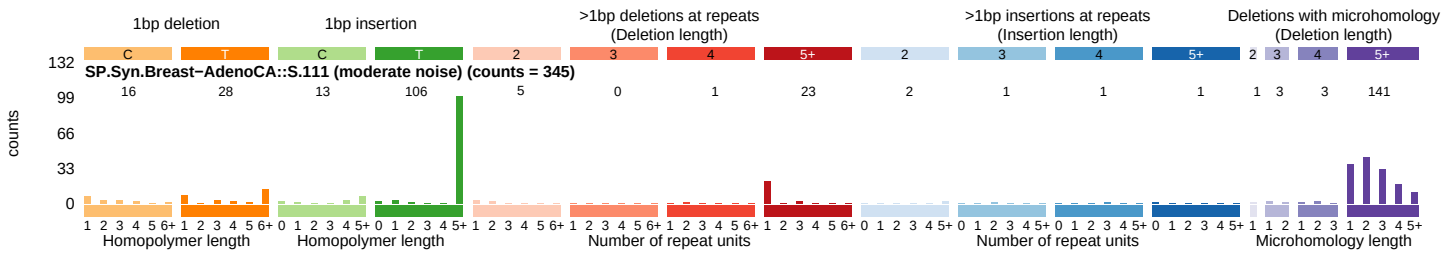
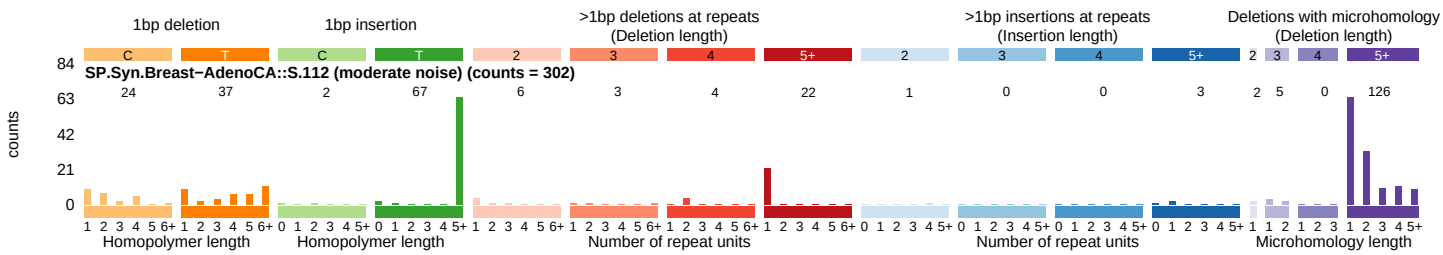
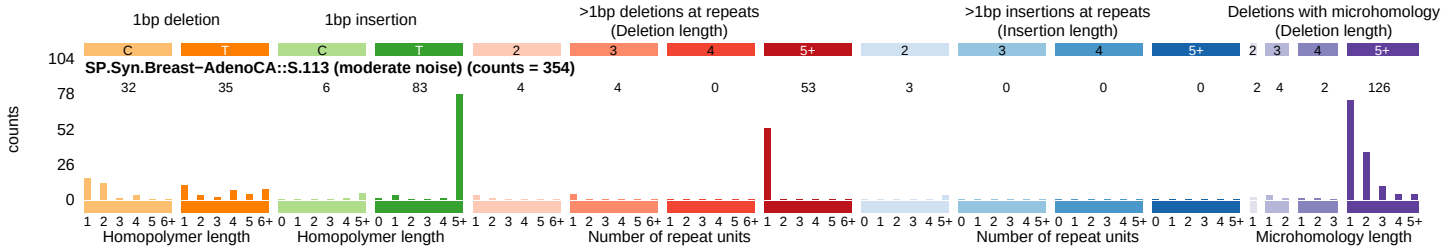
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.109 (moderate noise) (counts = 276)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.110 (moderate noise) (counts = 391)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.111 (moderate noise) (counts = 345)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.112 (moderate noise) (counts = 302)
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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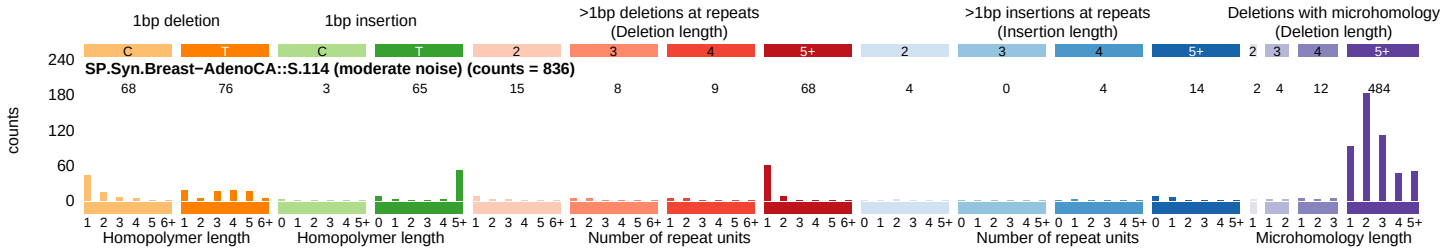
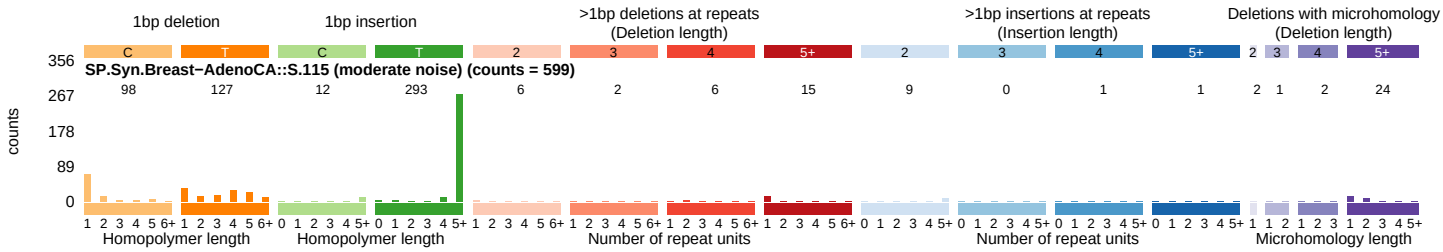
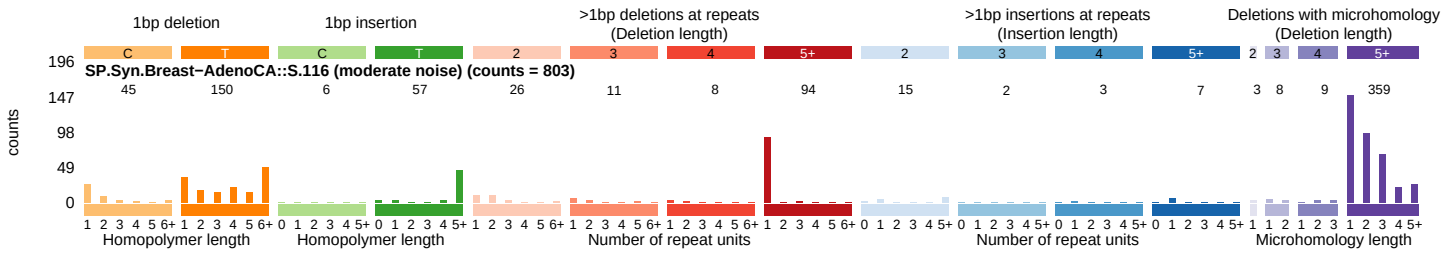
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.113 (moderate noise) (counts = 354)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.114 (moderate noise) (counts = 836)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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 (moderate noise) (counts = 599)
counts
Homopolymer length
Number of repeat units
Microhomology length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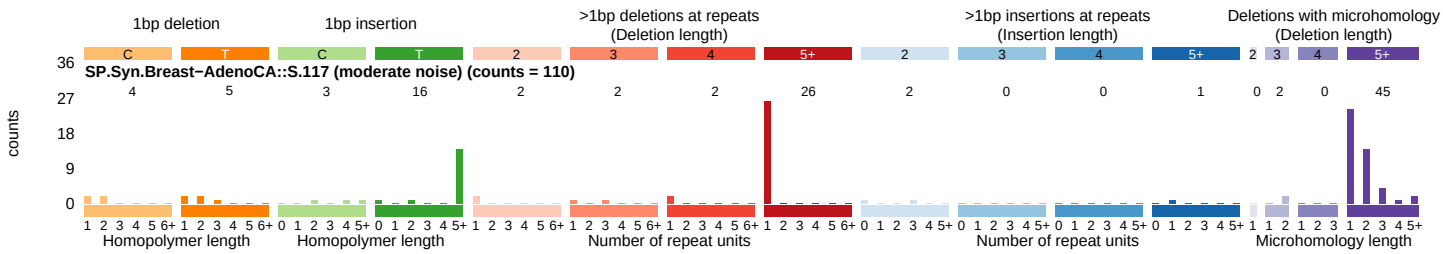
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.116 (moderate noise) (counts = 803)
counts
Homopolymer length
Number of repeat units
Microhomology length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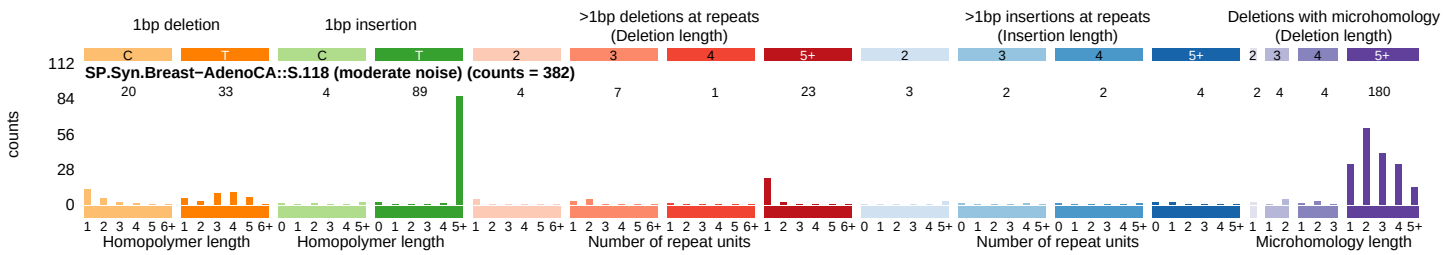
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.117 (moderate noise) (counts = 110)
counts
Homopolymer length
Number of repeat units
Microhomology length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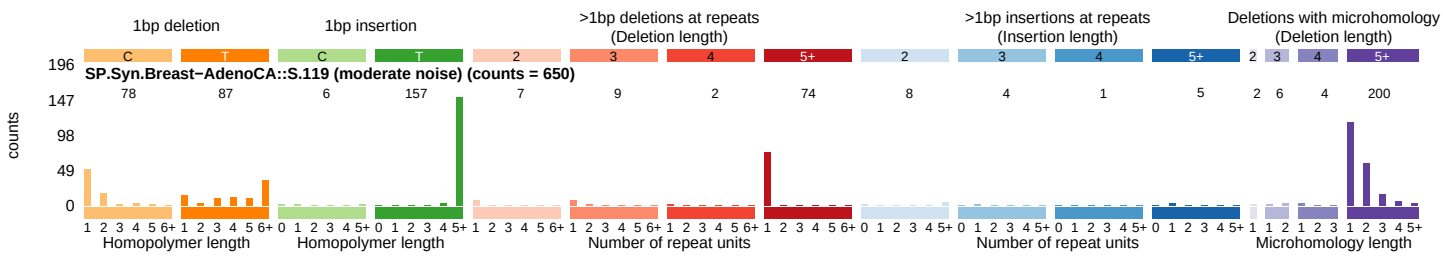
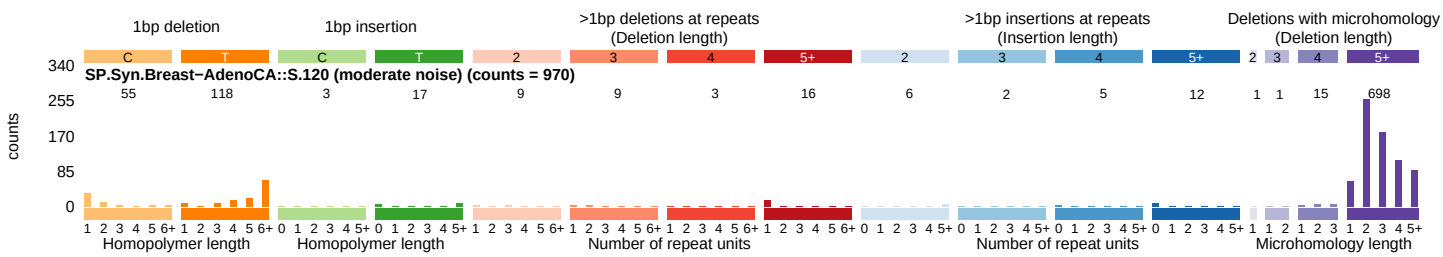
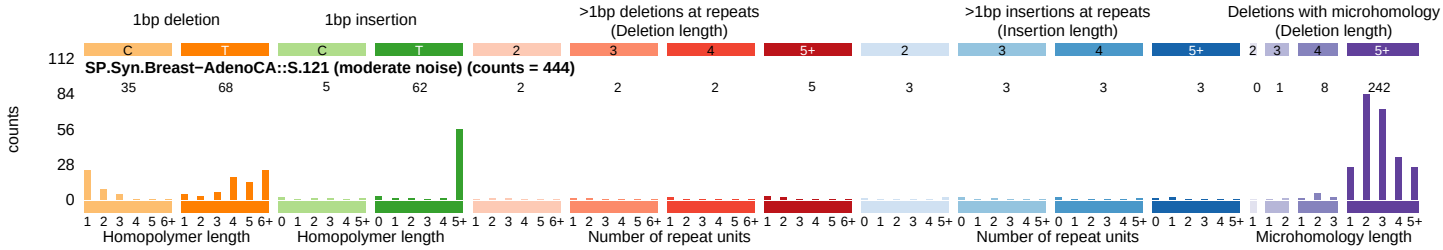
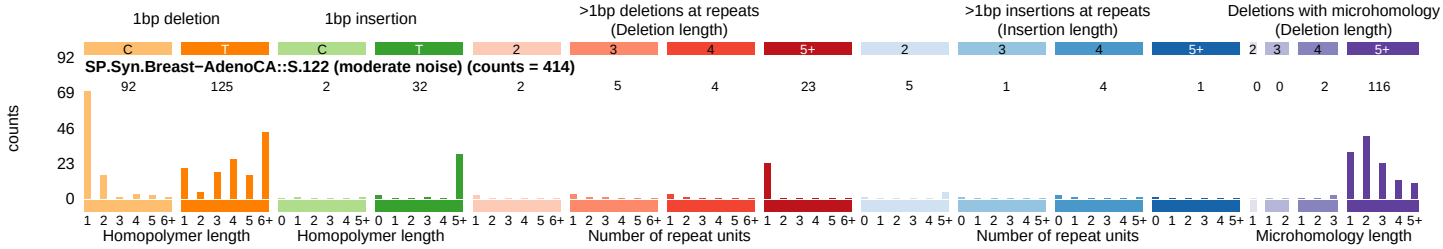
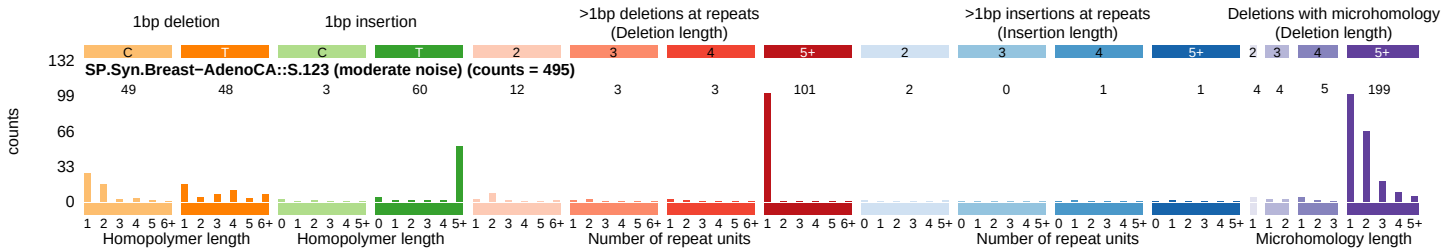
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.118 (moderate noise) (counts = 382)
counts
Homopolymer length
Number of repeat units
Microhomology length

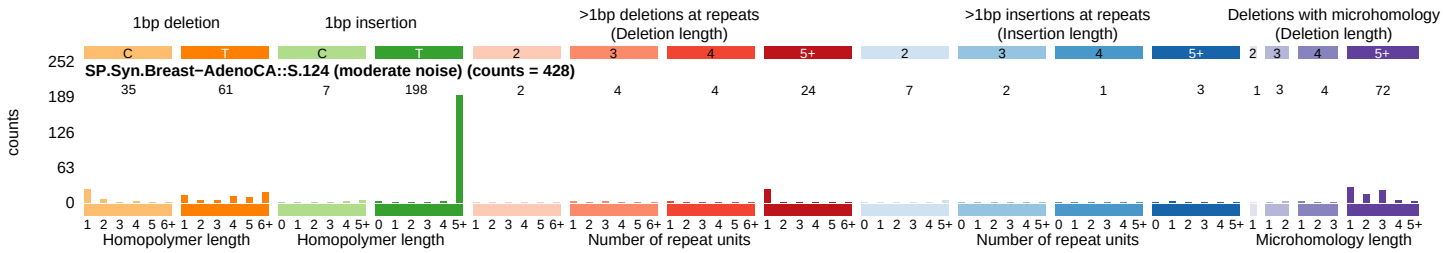

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.119 (moderate noise) (counts = 650)
counts
Homopolymer length
Number of repeat units
Microhomology length

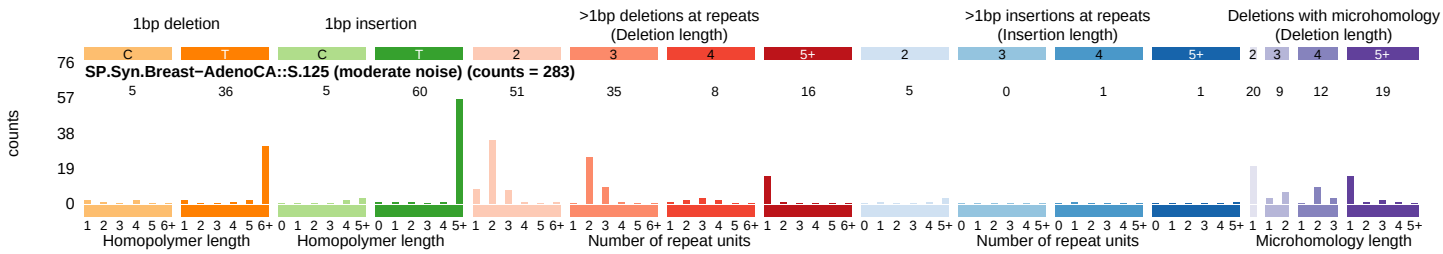

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.120 (moderate noise) (counts = 970)
counts
Homopolymer length
Number of repeat units
Microhomology length

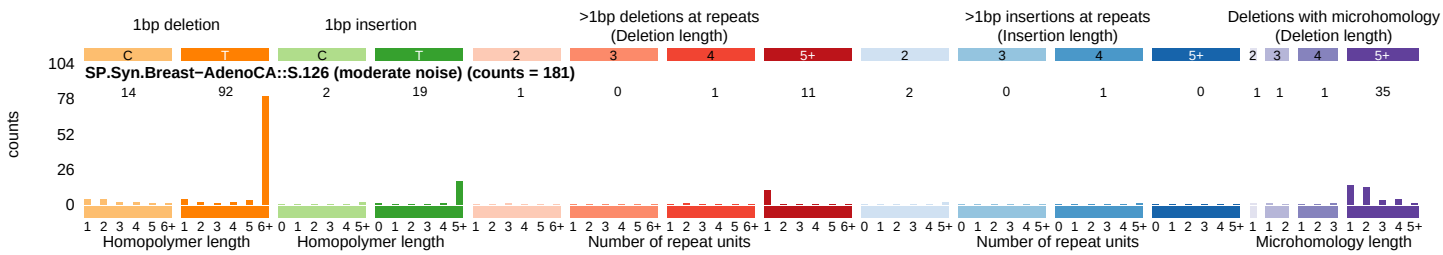

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.121 (moderate noise) (counts = 444)
35 68 5 62 2 2 2 5 3 3 3 3 0 1 8 242
counts
Homopolymer length
Number of repeat units
Microhomology length

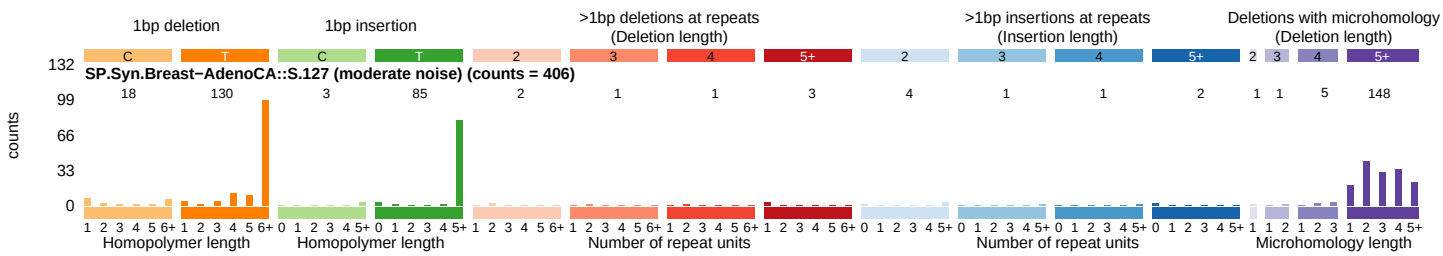

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.122 (moderate noise) (counts = 414)
92 125 2 32 2 5 4 23 5 1 4 1 0 0 2 116
counts
Homopolymer length
Number of repeat units
Microhomology length

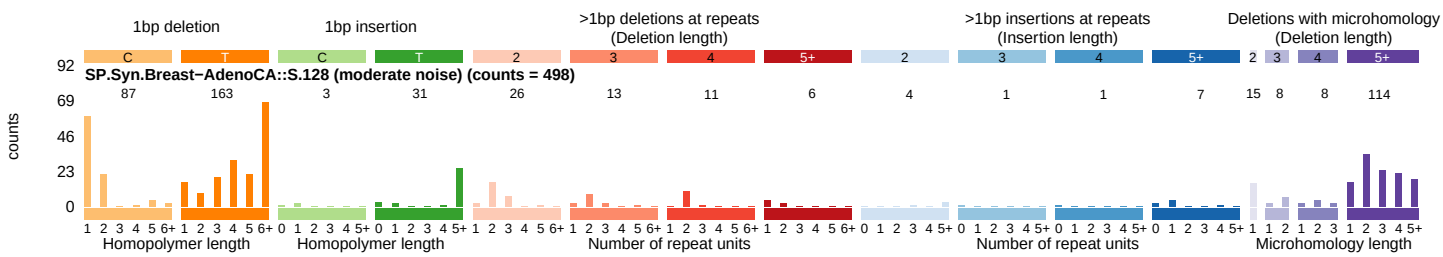

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.123 (moderate noise) (counts = 495)
49 48 3 60 12 3 3 101 2 0 1 1 4 4 5 199
counts
Homopolymer length
Number of repeat units
Microhomology length

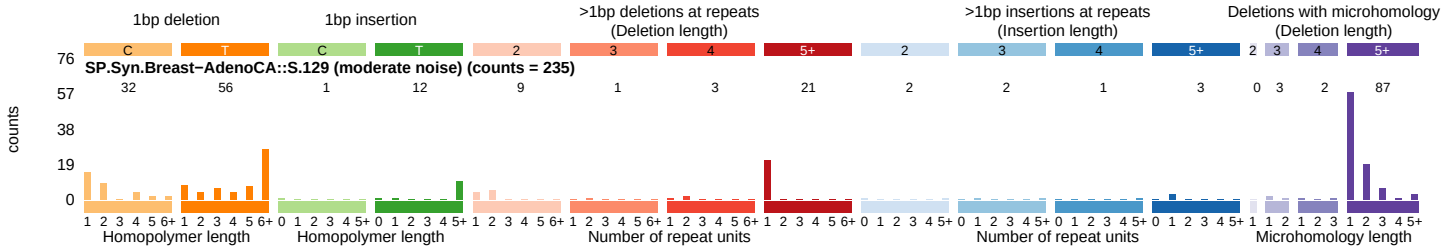

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.124 (moderate noise) (counts = 428)
35 61 7 198 2 4 4 24 7 2 1 3 1 3 4 72
counts
Homopolymer length
Number of repeat units
Microhomology length

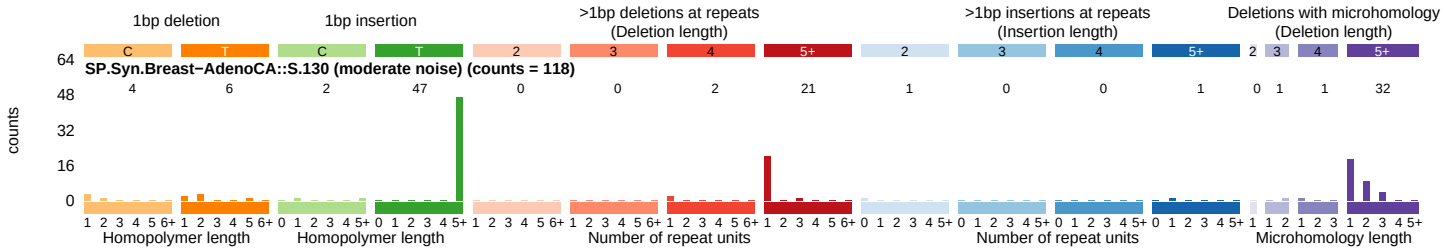

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.125 (moderate noise) (counts = 283)
5 36 5 60 51 35 8 16 5 0 1 1 20 9 12 19
counts
Homopolymer length
Number of repeat units
Microhomology length

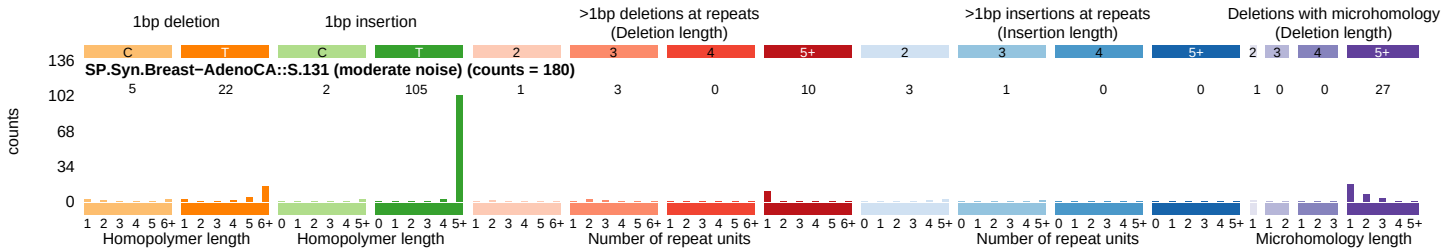

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.126 (moderate noise) (counts = 181)
14 92 2 19 1 0 1 11 2 0 1 0 1 1 1 35
counts
Homopolymer length
Number of repeat units
Microhomology length

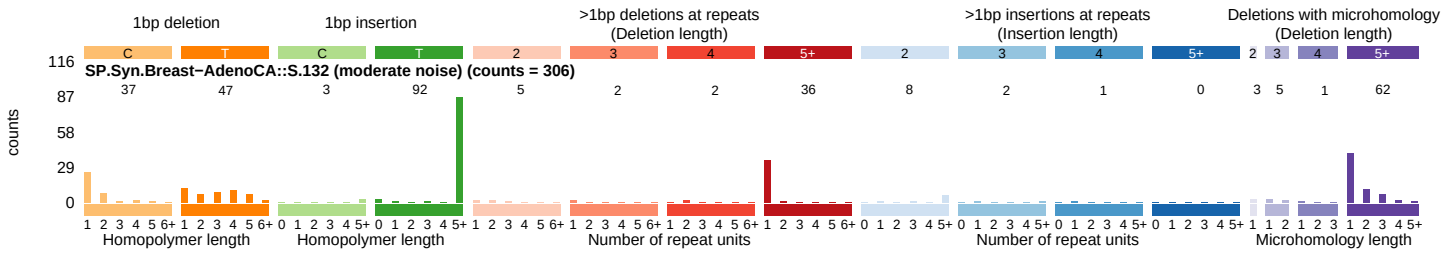

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.127 (moderate noise) (counts = 406)
18 130 3 85 2 1 1 3 4 1 1 2 1 1 5 148
counts
Homopolymer length
Number of repeat units
Microhomology length

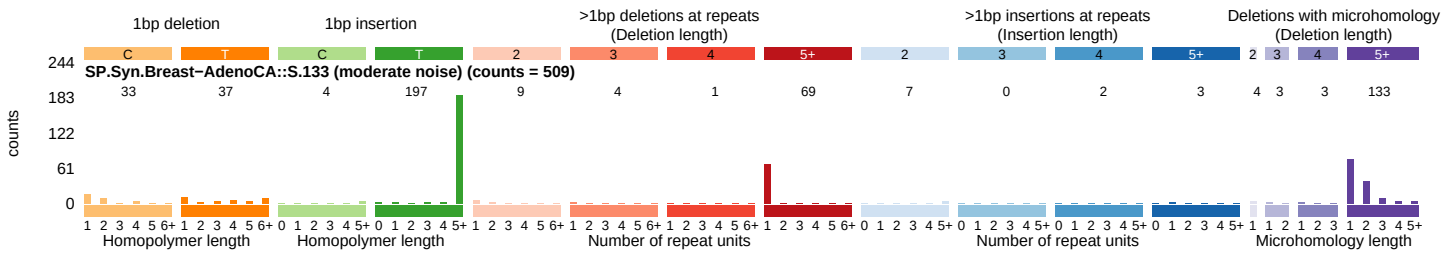

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.128 (moderate noise) (counts = 498)
87 163 3 31 26 13 11 6 4 1 1 7 15 8 8 114
counts
Homopolymer length
Number of repeat units
Microhomology length

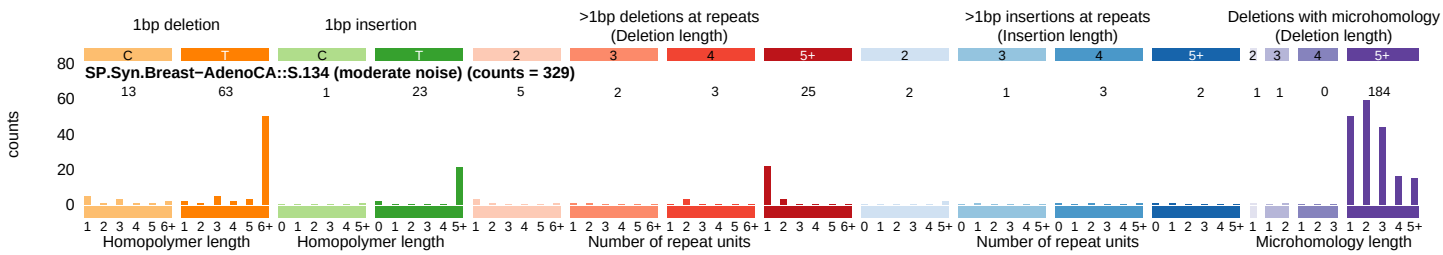

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.129 (moderate noise) (counts = 235)
counts
Homopolymer length
Number of repeat units
Microhomology length

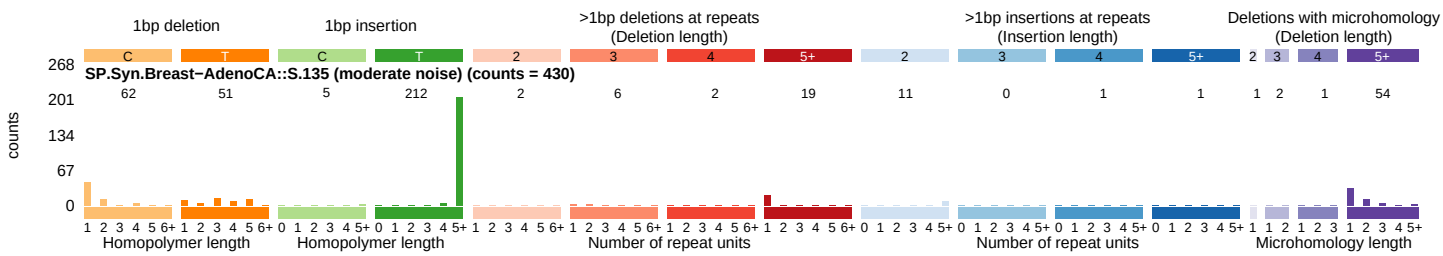

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.130 (moderate noise) (counts = 118)
counts
Homopolymer length
Number of repeat units
Microhomology length

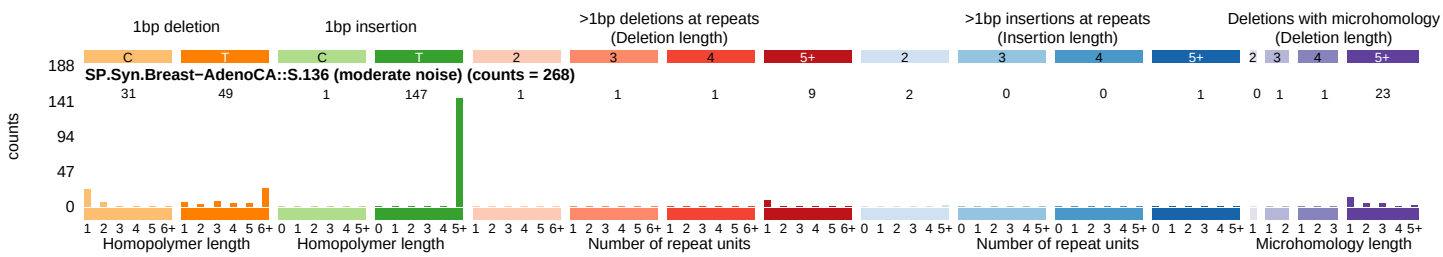

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.131 (moderate noise) (counts = 180)
counts
Homopolymer length
Number of repeat units
Microhomology length

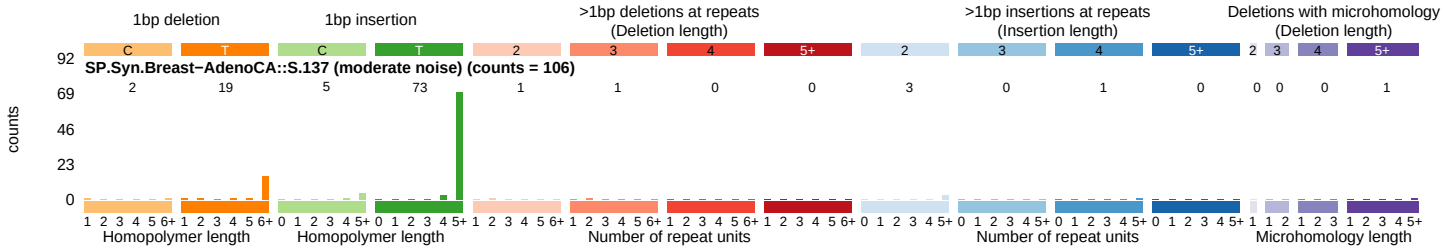

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.132 (moderate noise) (counts = 306)
counts
Homopolymer length
Number of repeat units
Microhomology length

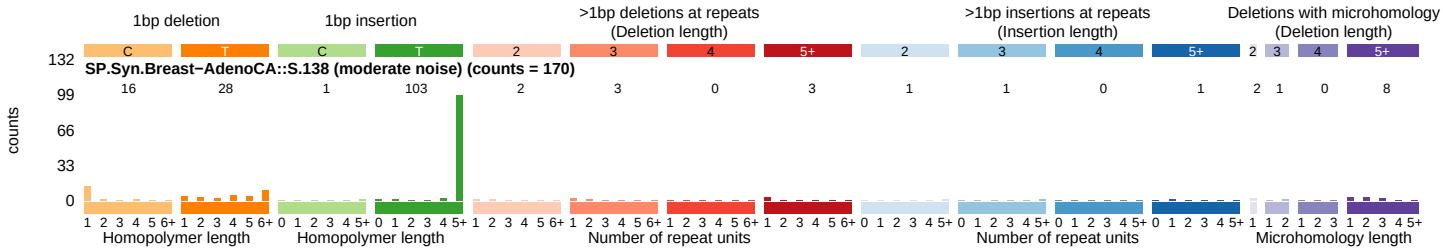

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.133 (moderate noise) (counts = 509)
counts
Homopolymer length
Number of repeat units
Microhomology length

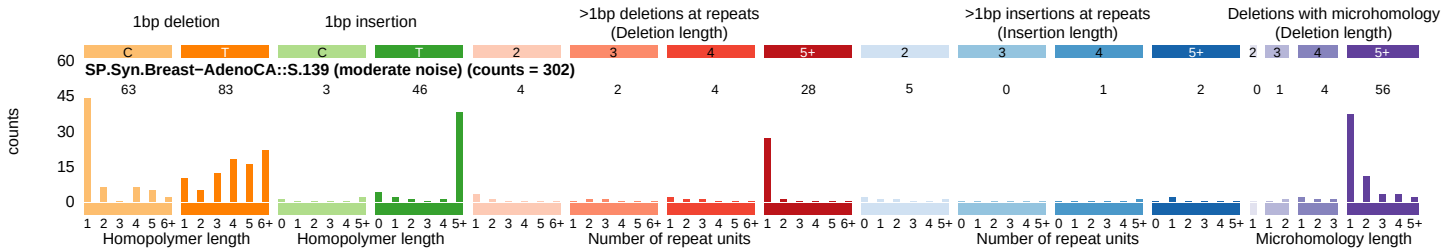

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.134 (moderate noise) (counts = 329)
counts
Homopolymer length
Number of repeat units
Microhomology length

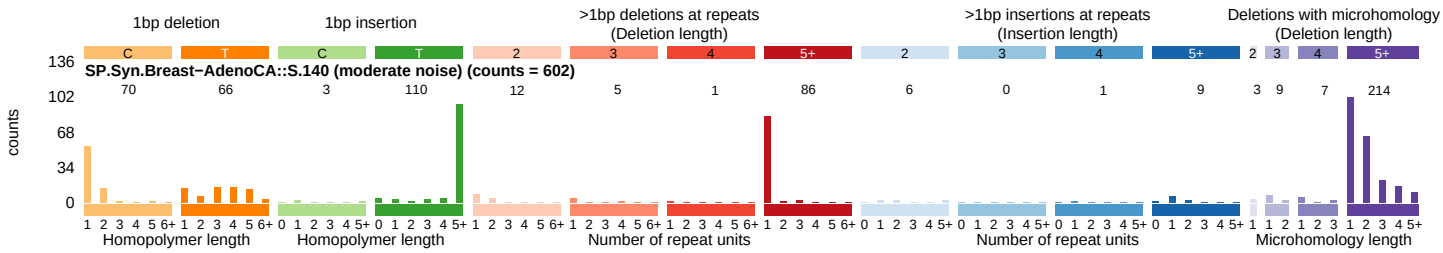

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.135 (moderate noise) (counts = 430)
counts
Homopolymer length
Number of repeat units
Microhomology length

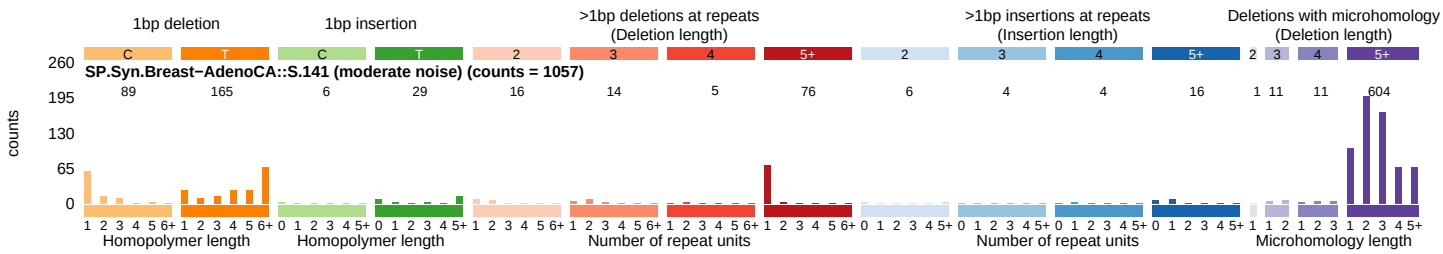

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.136 (moderate noise) (counts = 268)
counts
Homopolymer length
Number of repeat units
Microhomology length

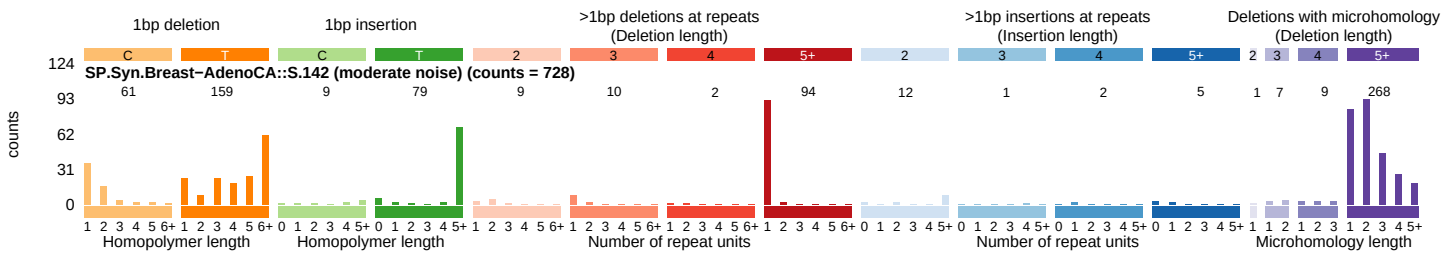

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.137 (moderate noise) (counts = 106)
counts
Homopolymer length
Number of repeat units
Microhomology length

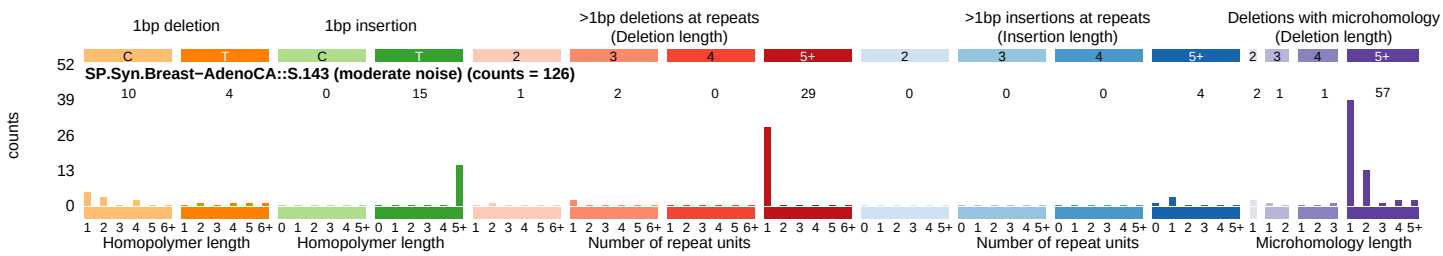

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.138 (moderate noise) (counts = 170)
counts
Homopolymer length
Number of repeat units
Microhomology length

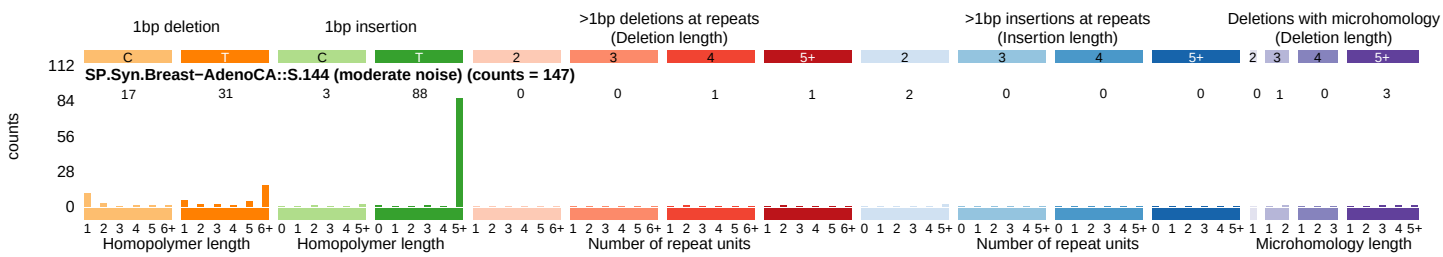

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.139 (moderate noise) (counts = 302)
counts
Homopolymer length
Number of repeat units
Microhomology length

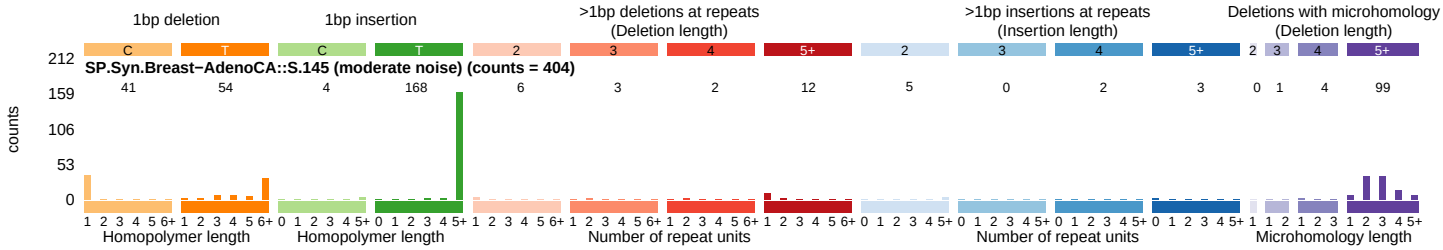

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.140 (moderate noise) (counts = 602)
counts
Homopolymer length
Number of repeat units
Microhomology length

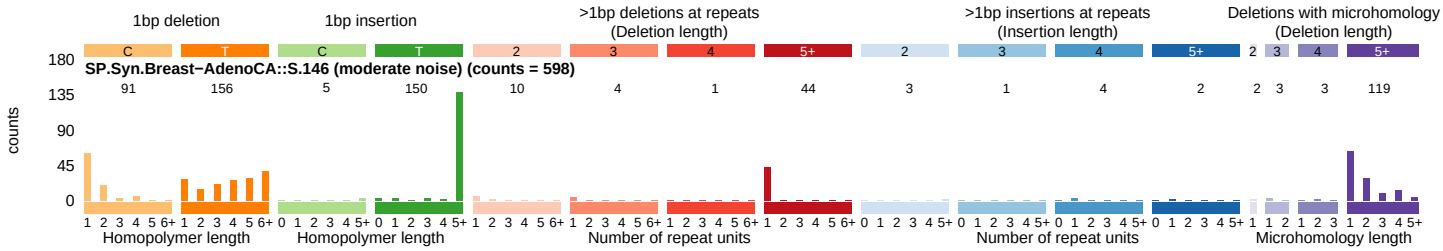

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.141 (moderate noise) (counts = 1057)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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 (moderate noise) (counts = 728)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.143 (moderate noise) (counts = 126)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.144 (moderate noise) (counts = 147)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.145 (moderate noise) (counts = 404)
counts
Homopolymer length
Number of repeat units
Microhomology length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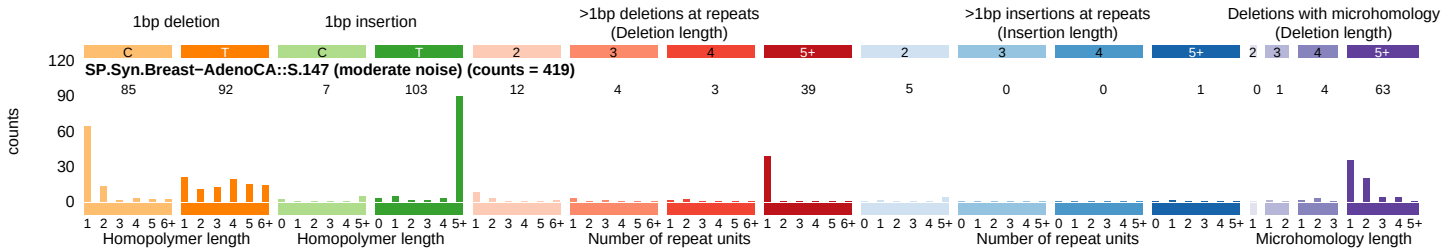
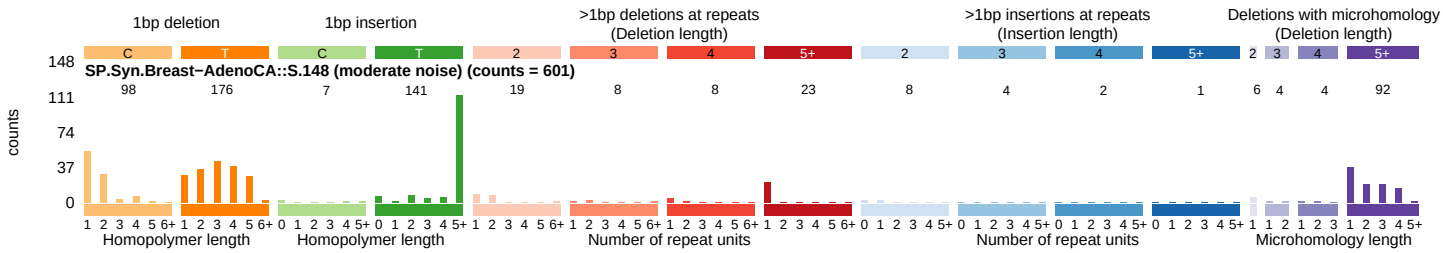
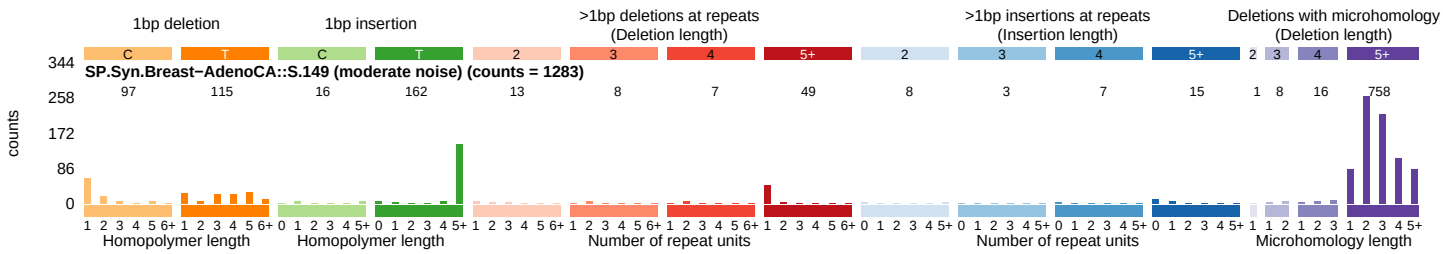
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.146 (moderate noise) (counts = 598)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.147 (moderate noise) (counts = 419)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.148 (moderate noise) (counts = 601)
counts
Homopolymer length
Number of repeat units
Microhomology length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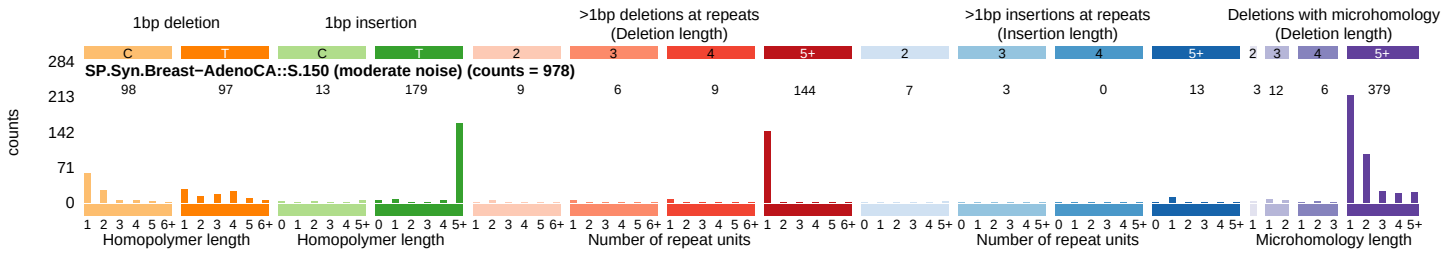
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.149 (moderate noise) (counts = 1283)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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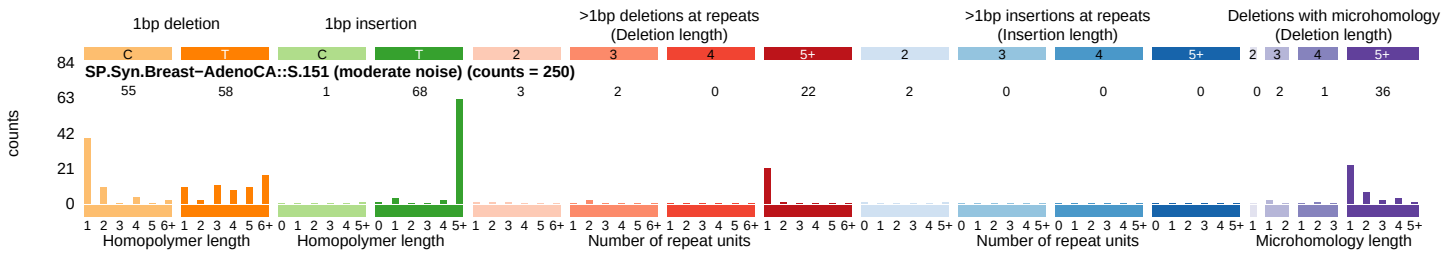
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.150 (moderate noise) (counts = 978)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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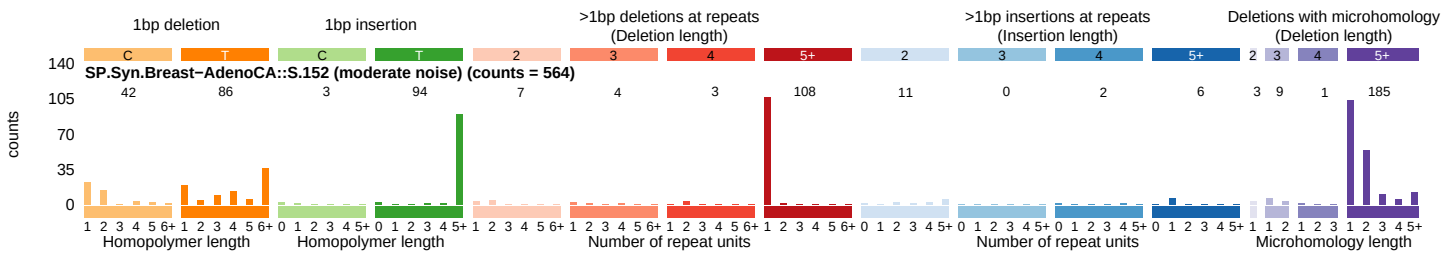
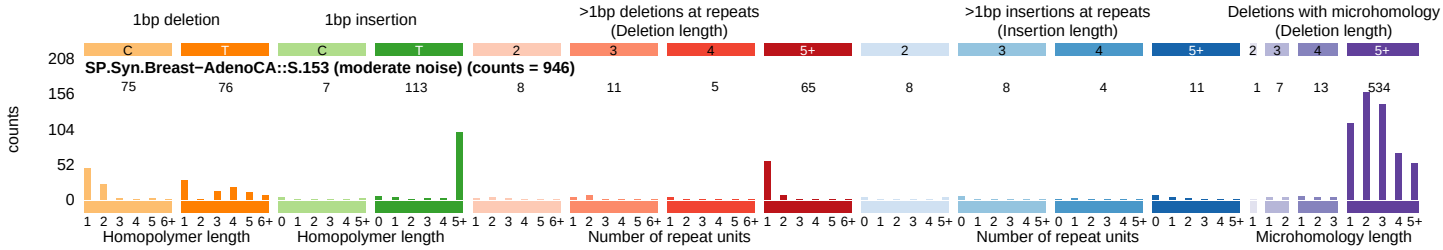
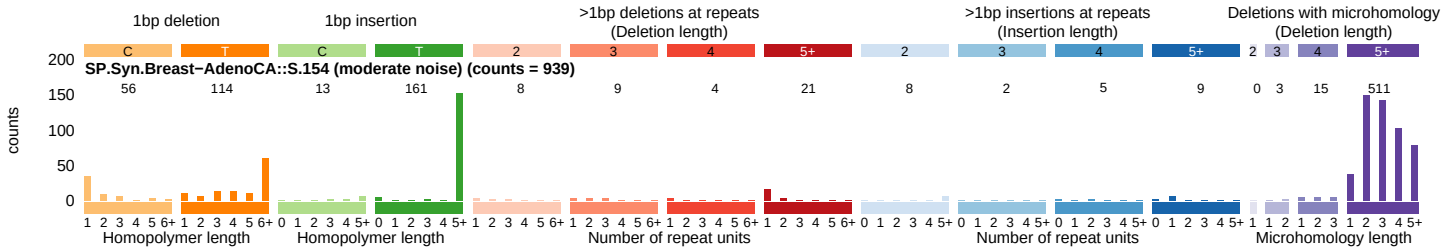
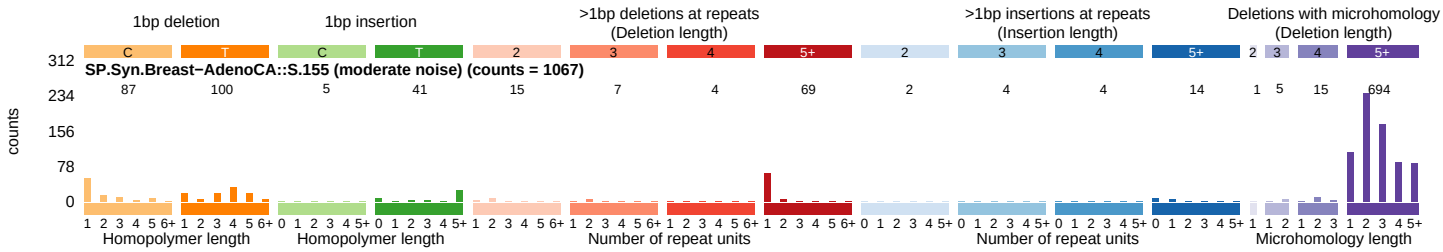
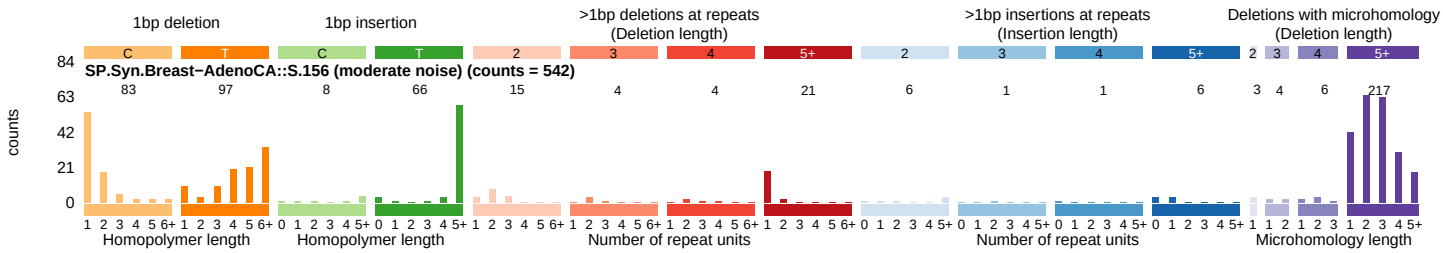
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.151 (moderate noise) (counts = 250)
counts
Homopolymer length
Number of repeat units
Microhomology length

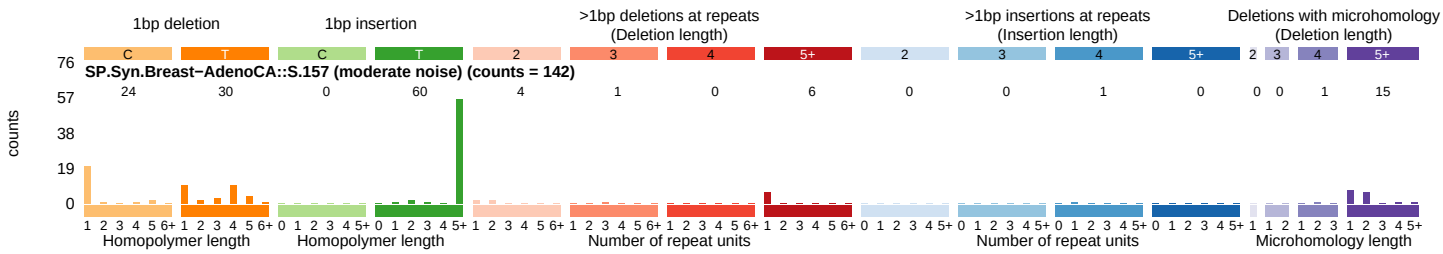

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.152 (moderate noise) (counts = 564)
counts
Homopolymer length
Number of repeat units
Microhomology length

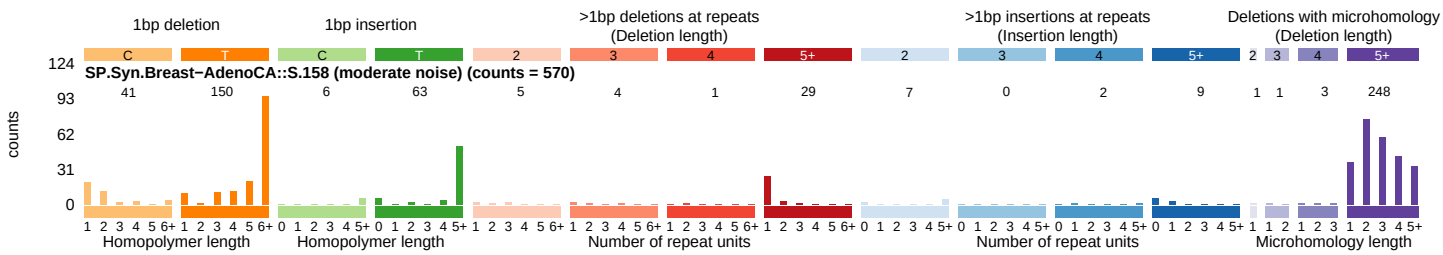

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.153 (moderate noise) (counts = 946)
75 76 7 113 8 11 5 65 8 8 4 11 1 7 13 534
counts
208 156 104 52 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

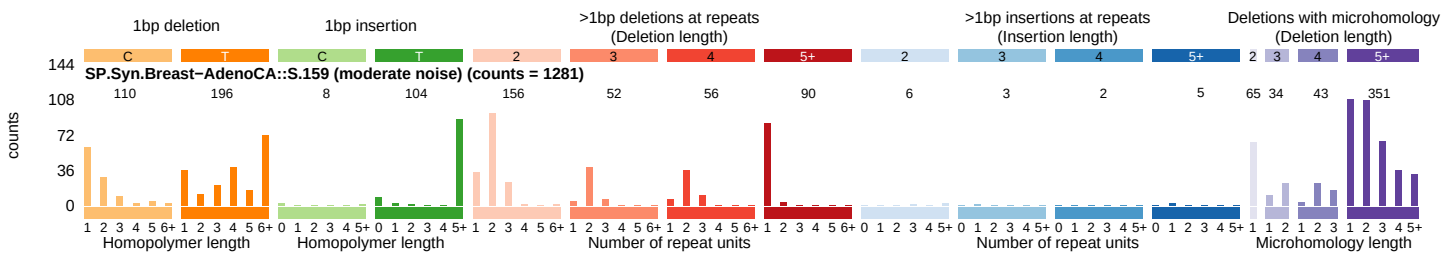

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.154 (moderate noise) (counts = 939)
56 114 13 161 8 9 4 21 8 2 5 9 0 3 15 511
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

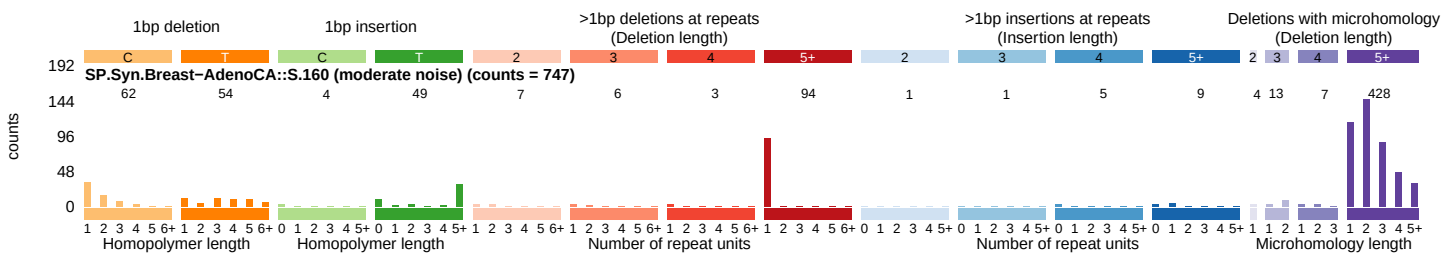

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.155 (moderate noise) (counts = 1067)
87 100 5 41 15 7 4 69 2 4 4 14 1 5 15 694
counts
312 234 156 78 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

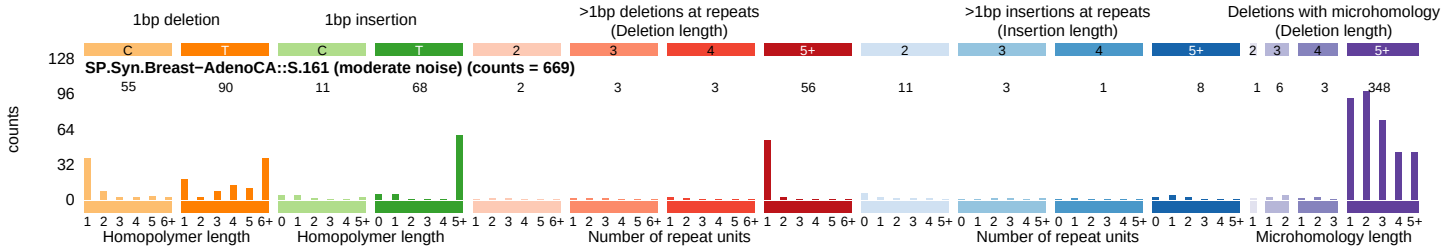

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.156 (moderate noise) (counts = 542)
83 97 8 66 15 4 4 21 6 1 1 6 3 4 6 217
counts
84 63 42 21 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

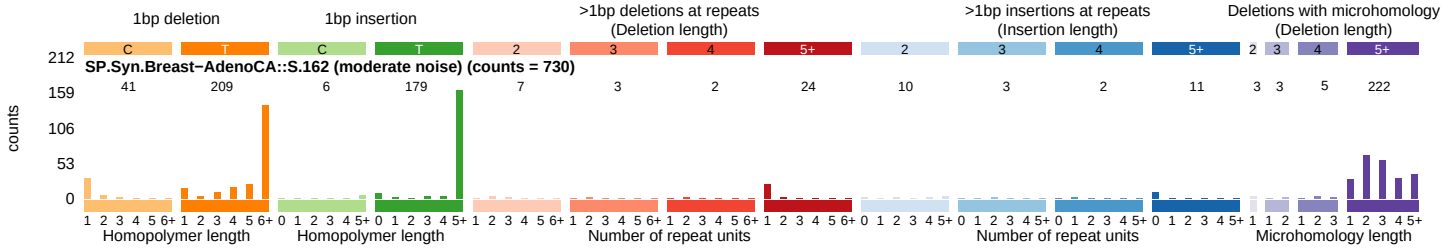

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.157 (moderate noise) (counts = 142)
24 30 0 60 4 1 0 6 0 0 1 0 0 0 1 15
counts
76 57 38 19 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

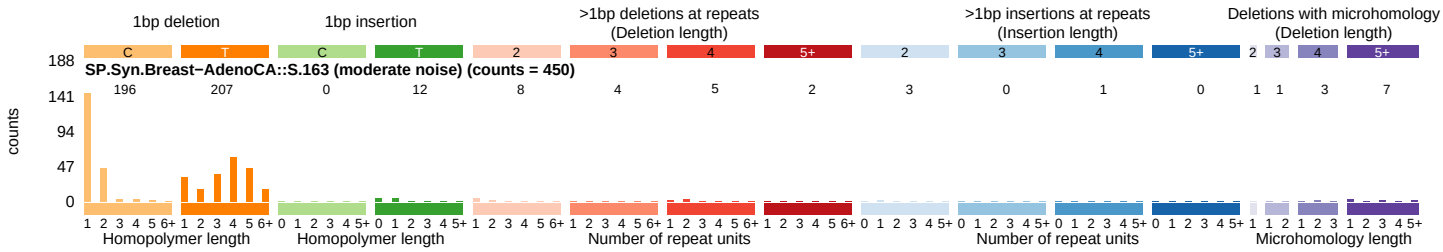

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.158 (moderate noise) (counts = 570)
41 150 6 63 5 4 1 29 7 0 2 9 1 1 3 248
counts
124 93 62 31 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

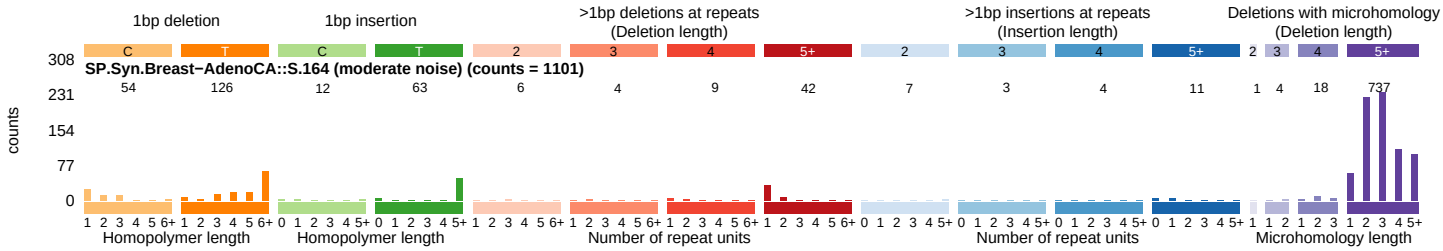

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.159 (moderate noise) (counts = 1281)
110 196 8 104 156 52 56 90 6 3 2 5 65 34 43 351
counts
144 108 72 36 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

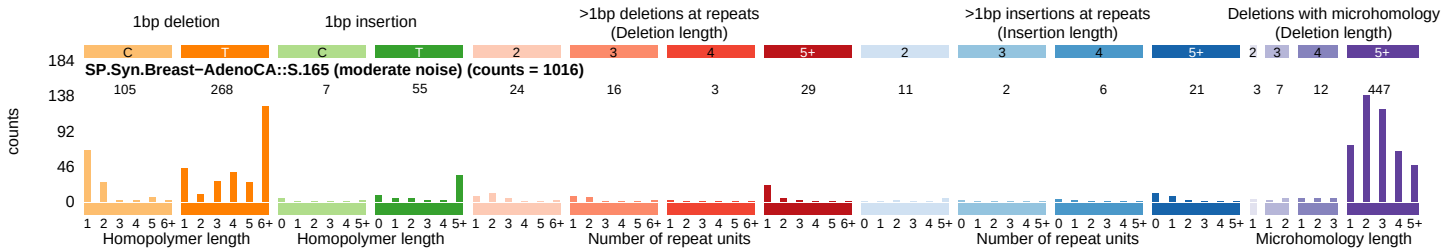

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Breast−AdenoCA::S.160 (moderate noise) (counts = 747)
62 54 4 49 7 6 3 94 1 1 5 9 4 13 7 428
counts
192 144 96 48 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

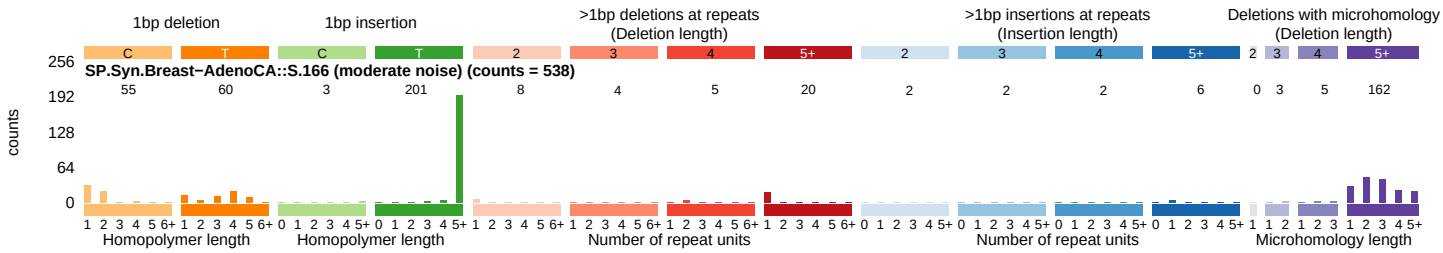

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.161 (moderate noise) (counts = 669)
55 90 11 68 2 3 3 56 11 3 1 8 1 6 3 348
counts
Homopolymer length
Number of repeat units
Microhomology length

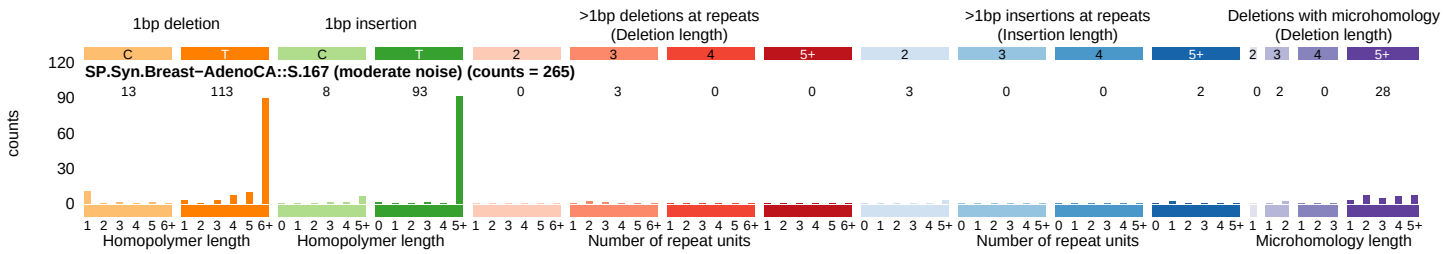

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.162 (moderate noise) (counts = 730)
41 209 6 179 7 3 2 24 10 3 2 11 3 3 5 222
counts
Homopolymer length
Number of repeat units
Microhomology length

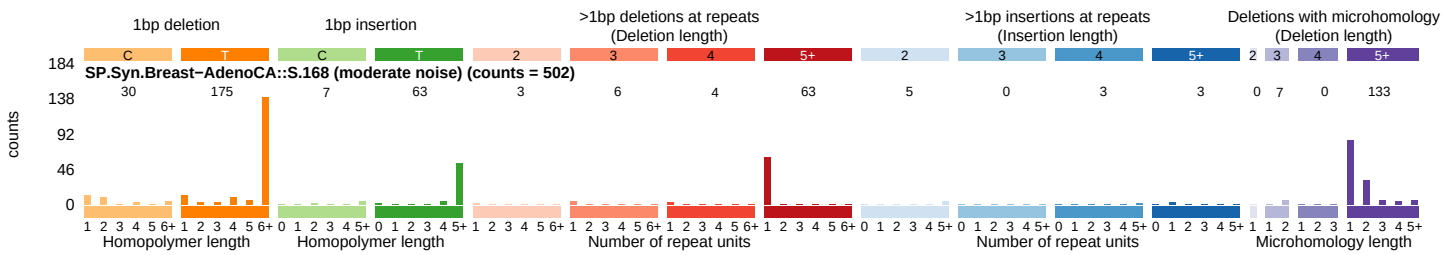

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.163 (moderate noise) (counts = 450)
196 207 0 12 8 4 5 2 3 0 1 0 1 1 3 7
counts
Homopolymer length
Number of repeat units
Microhomology length

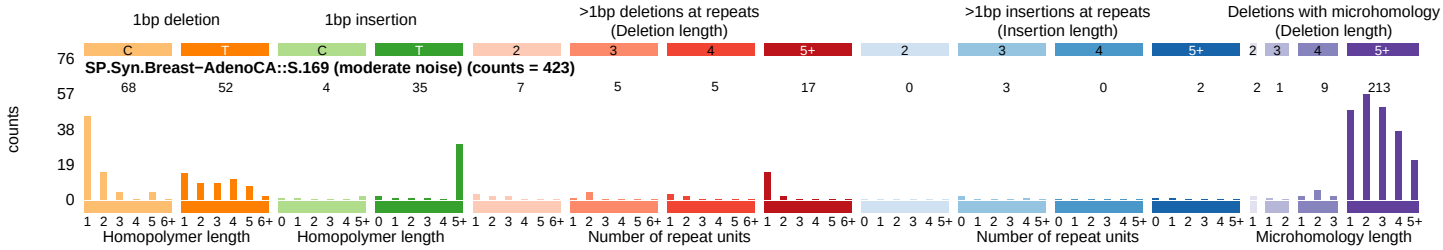

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.164 (moderate noise) (counts = 1101)
54 126 12 63 6 4 9 42 7 3 4 11 1 4 18 737
counts
Homopolymer length
Number of repeat units
Microhomology length

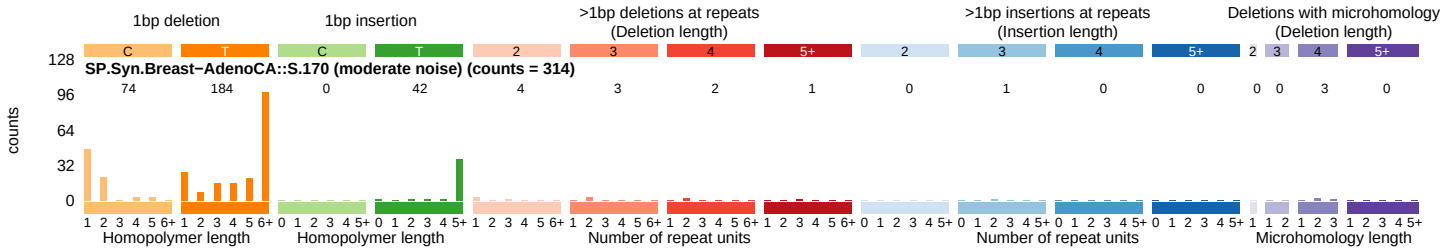

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.165 (moderate noise) (counts = 1016)
105 268 7 55 24 16 3 29 11 2 6 21 3 7 12 447
counts
Homopolymer length
Number of repeat units
Microhomology length

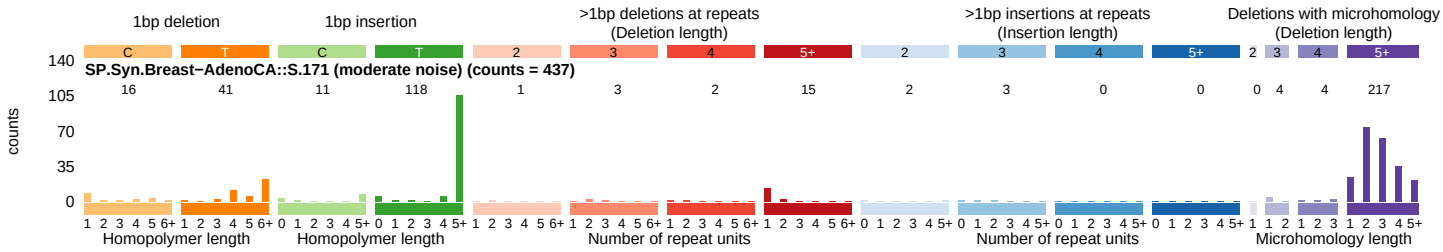

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.166 (moderate noise) (counts = 538)
55 60 3 201 8 4 5 20 2 2 2 6 0 3 5 162
counts
Homopolymer length
Number of repeat units
Microhomology length

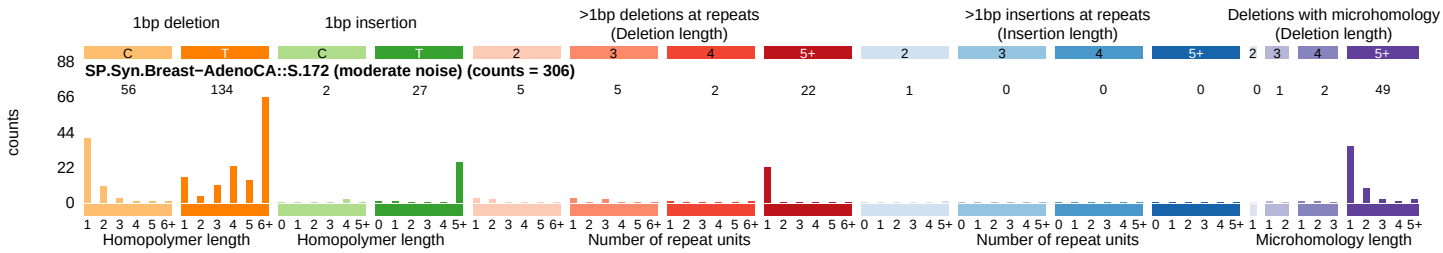

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.167 (moderate noise) (counts = 265)
13 113 8 93 0 3 0 0 3 0 0 2 0 2 0 28
counts
Homopolymer length
Number of repeat units
Microhomology length

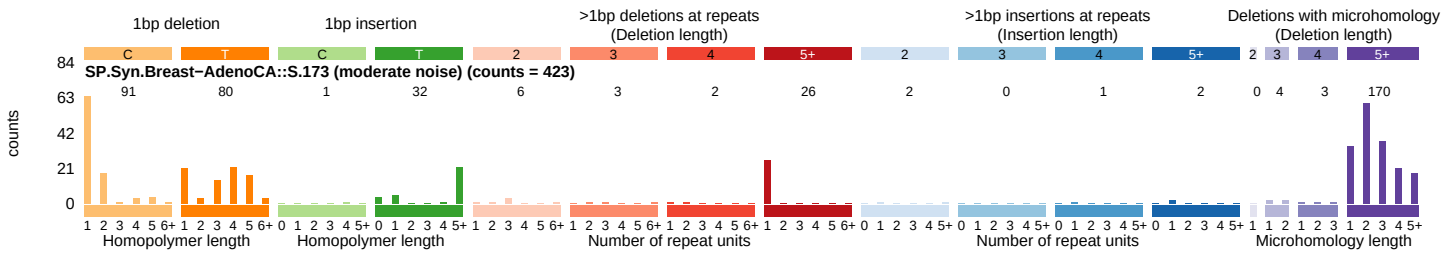

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.168 (moderate noise) (counts = 502)
30 175 7 63 3 6 4 63 5 0 3 3 0 7 0 133
counts
Homopolymer length
Number of repeat units
Microhomology length

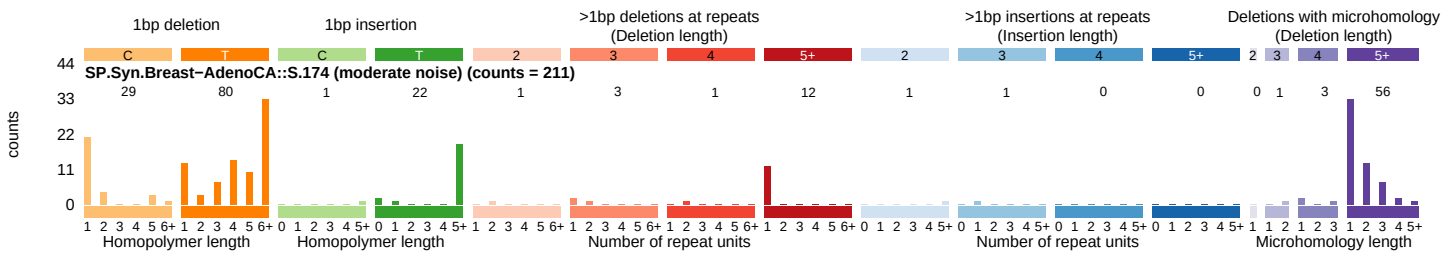

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.169 (moderate noise) (counts = 423)
counts
Homopolymer length
Number of repeat units
Microhomology length

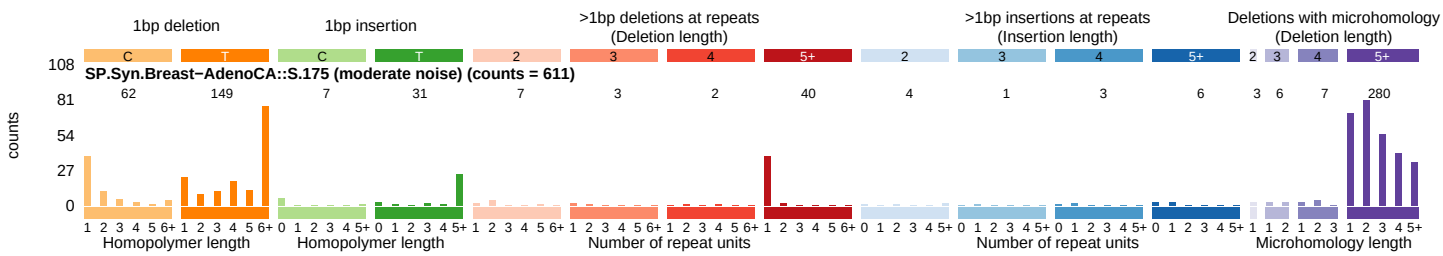

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.170 (moderate noise) (counts = 314)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.171 (moderate 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.Breast−AdenoCA::S.172 (moderate noise) (counts = 306)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.173 (moderate noise) (counts = 423)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.174 (moderate noise) (counts = 211)
counts
Homopolymer length
Number of repeat units
Microhomology length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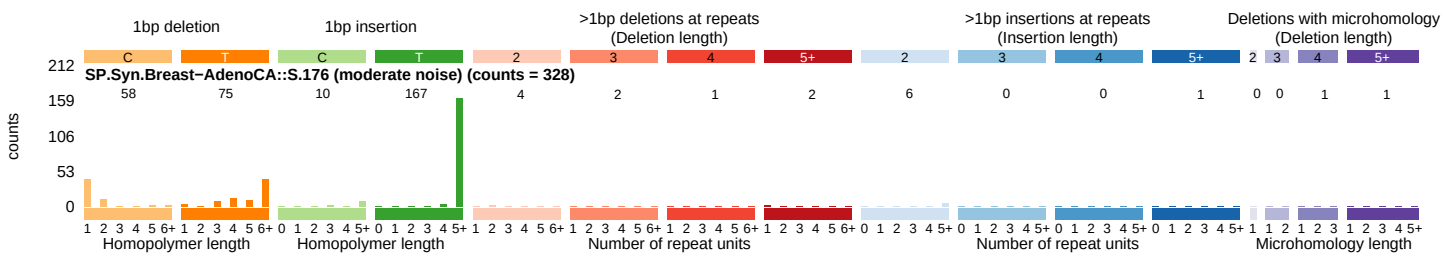
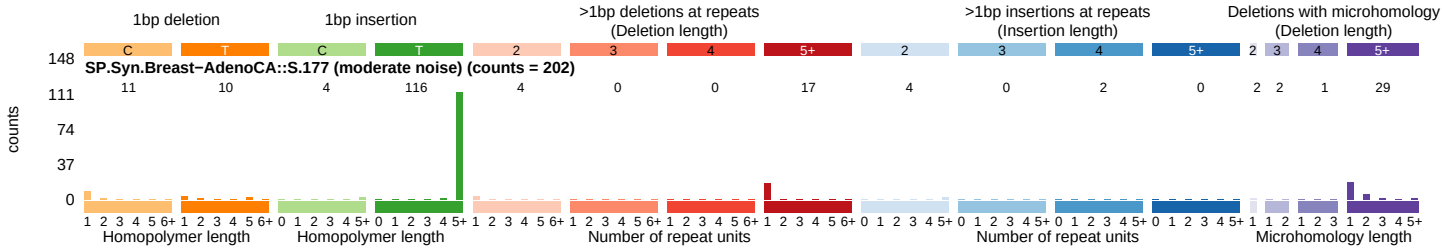
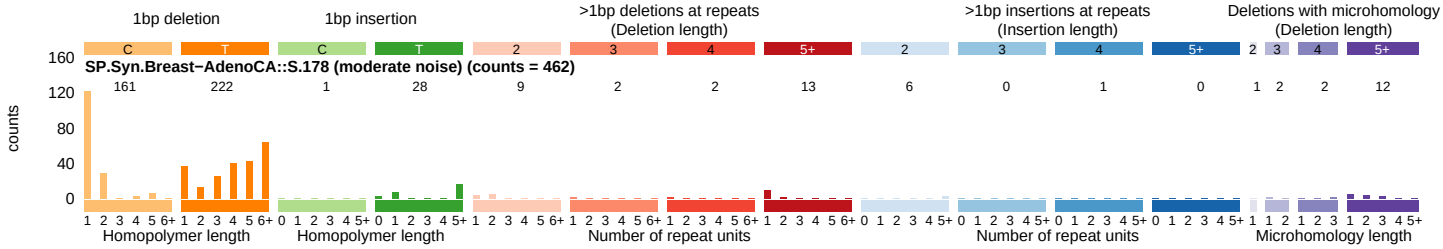
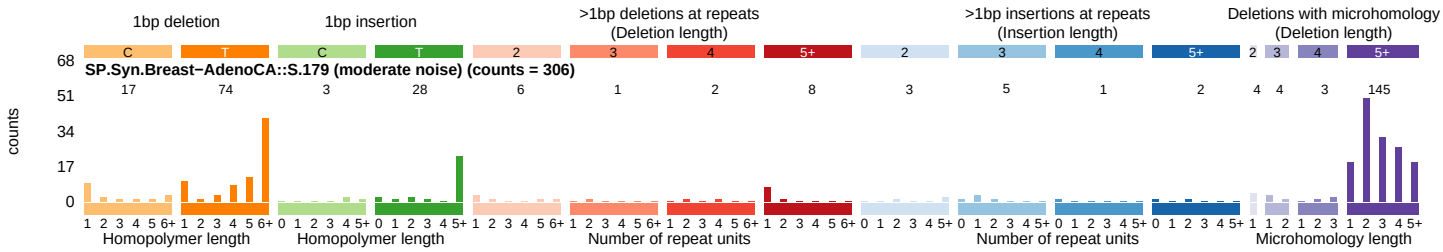
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.175 (moderate noise) (counts = 611)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.176 (moderate 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.Breast−AdenoCA::S.177 (moderate noise) (counts = 202)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.178 (moderate noise) (counts = 462)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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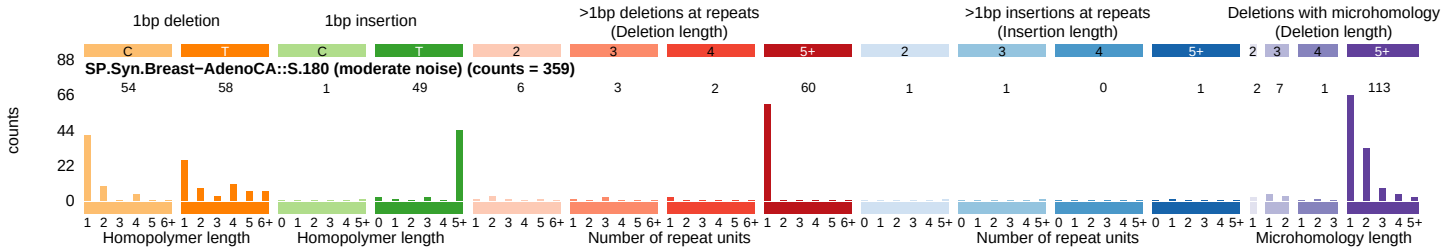
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.179 (moderate noise) (counts = 306)
counts
Homopolymer length
Number of repeat units
Microhomology length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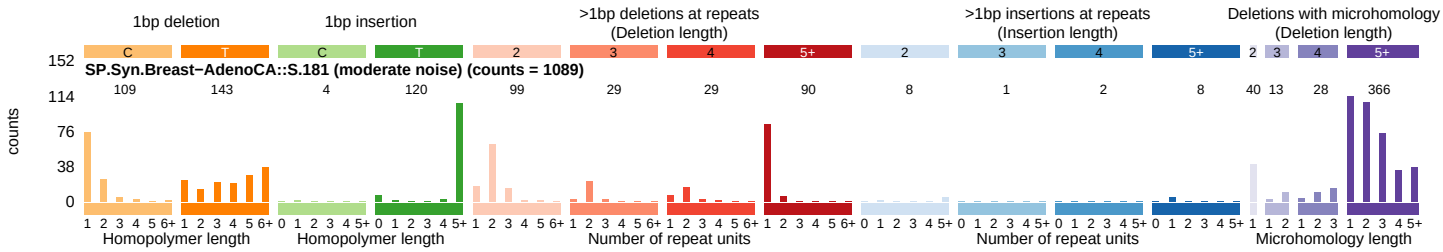
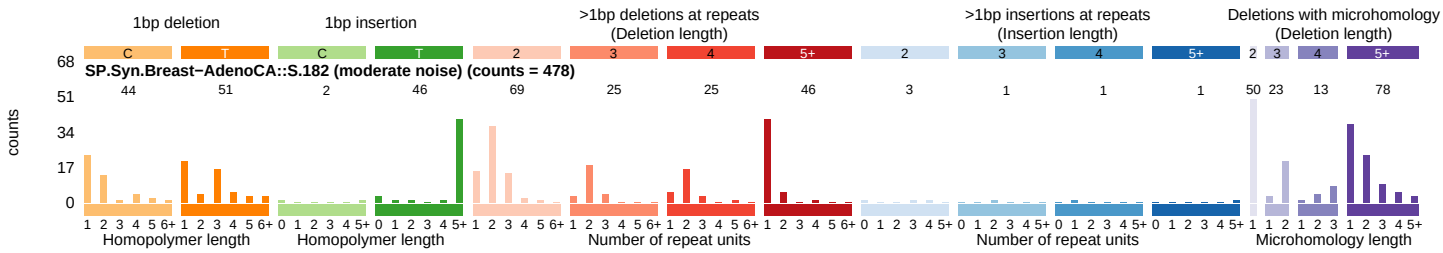
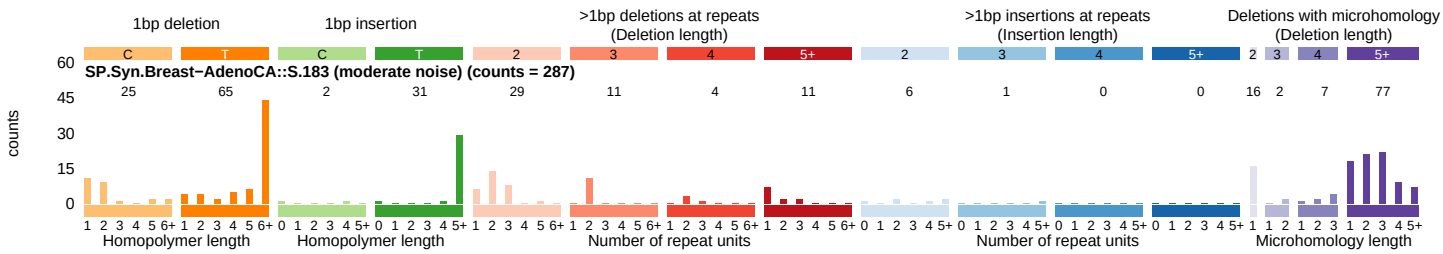
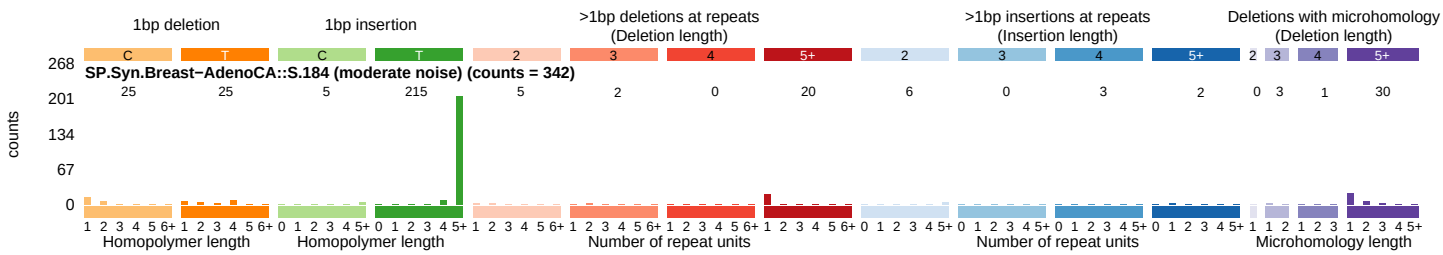
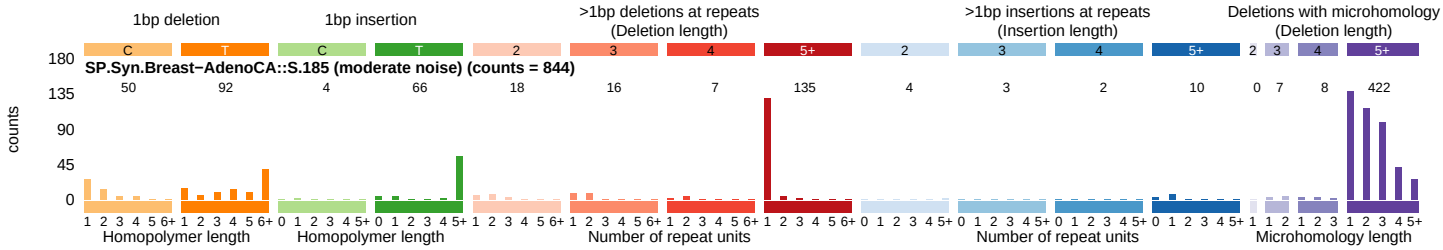
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.180 (moderate noise) (counts = 359)
counts
Homopolymer length
Number of repeat units
Microhomology length

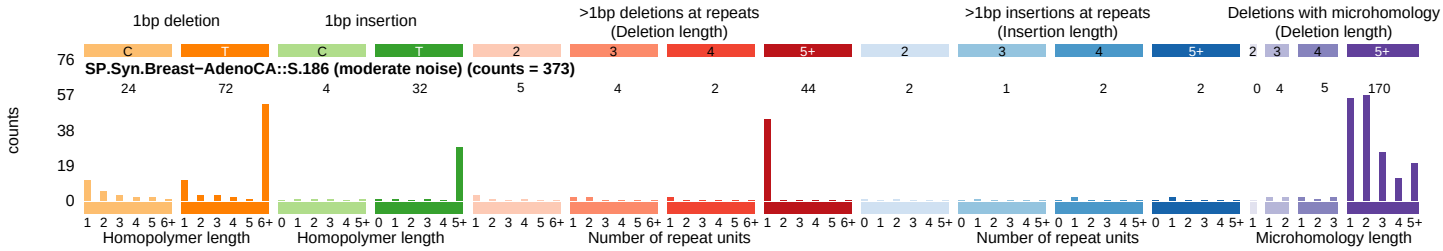

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.181 (moderate noise) (counts = 1089)
counts
Homopolymer length
Number of repeat units
Microhomology length

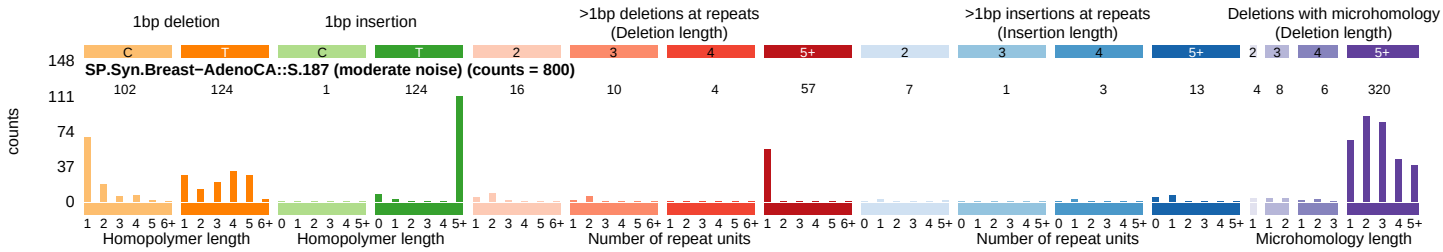

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.182 (moderate noise) (counts = 478)
counts
Homopolymer length
Number of repeat units
Microhomology length

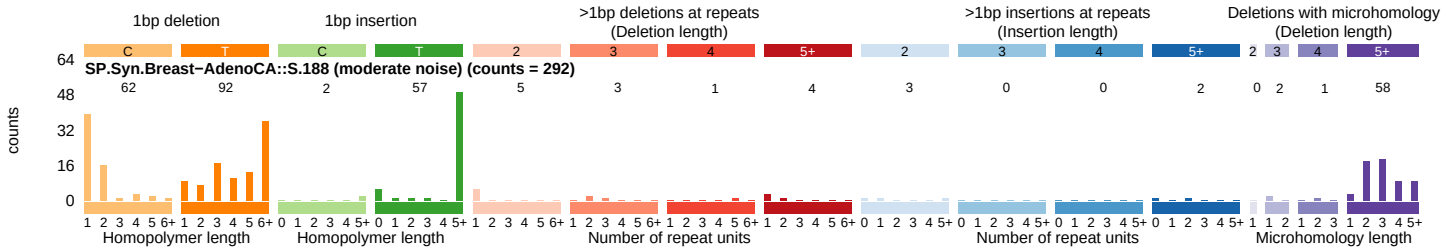

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.183 (moderate noise) (counts = 287)
counts
Homopolymer length
Number of repeat units
Microhomology length

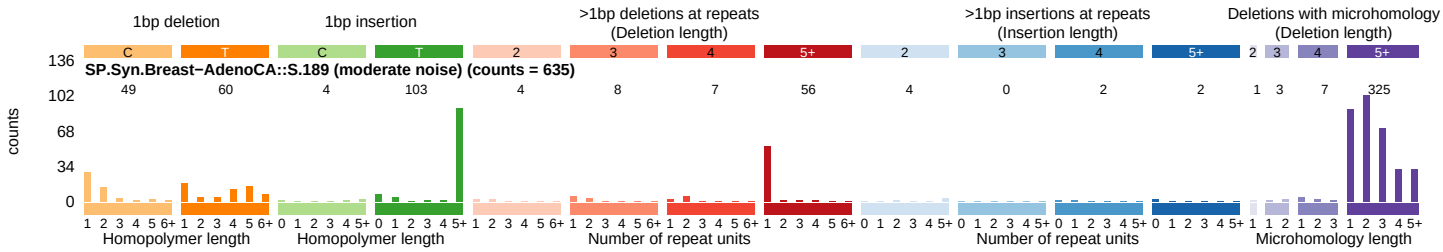

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.184 (moderate noise) (counts = 342)
counts
Homopolymer length
Number of repeat units
Microhomology length

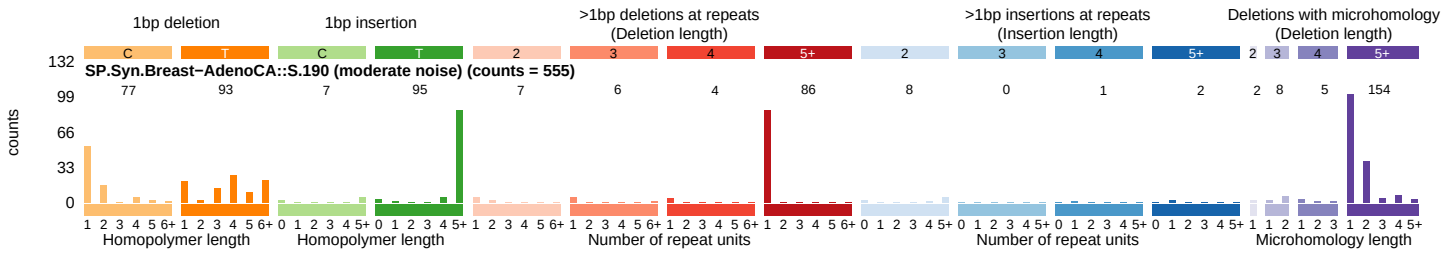

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.185 (moderate noise) (counts = 844)
counts
Homopolymer length
Number of repeat units
Microhomology length

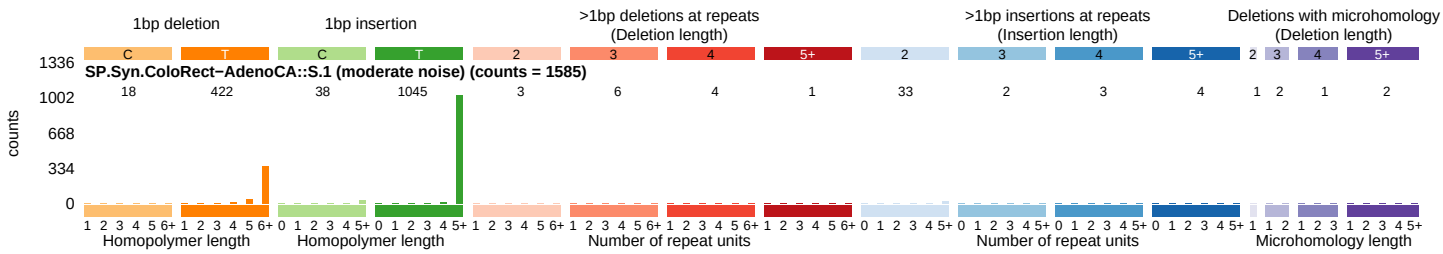

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.186 (moderate noise) (counts = 373)
counts
Homopolymer length
Number of repeat units
Microhomology length

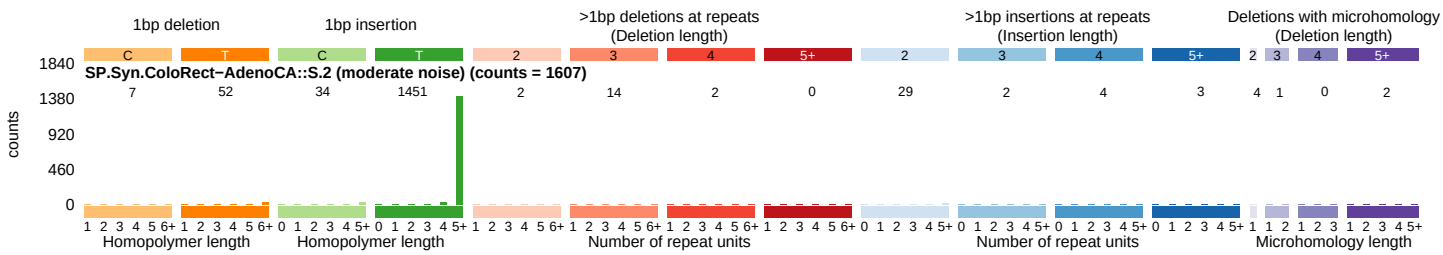

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.187 (moderate noise) (counts = 800)
counts
Homopolymer length
Number of repeat units
Microhomology length

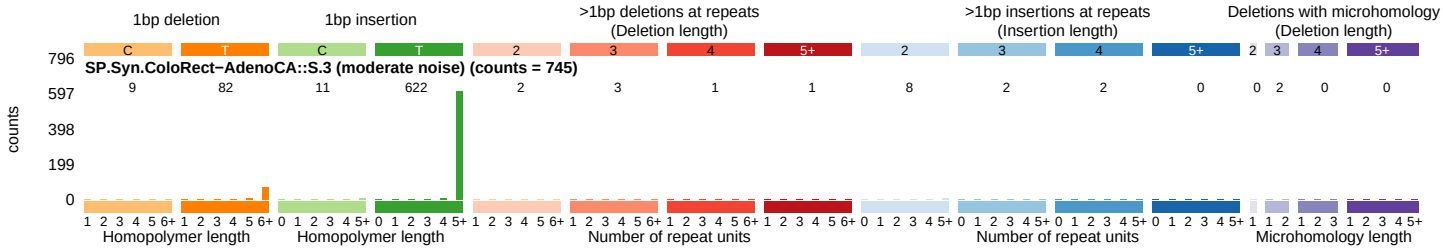

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.188 (moderate noise) (counts = 292)
counts
Homopolymer length
Number of repeat units
Microhomology length

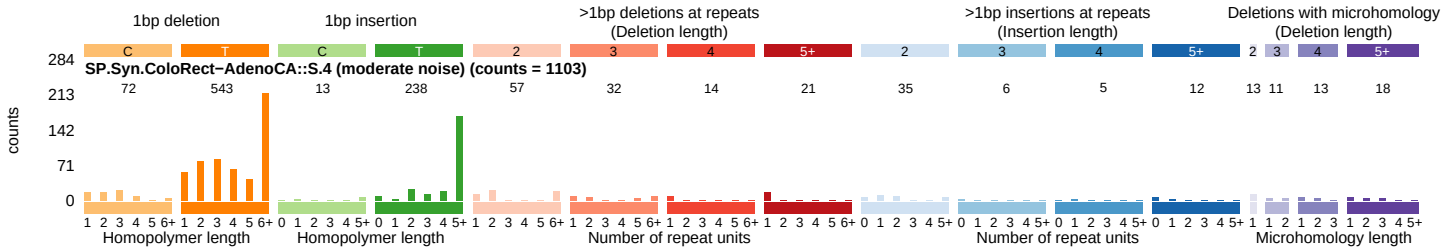

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.189 (moderate noise) (counts = 635)
counts
Homopolymer length
Number of repeat units
Microhomology length

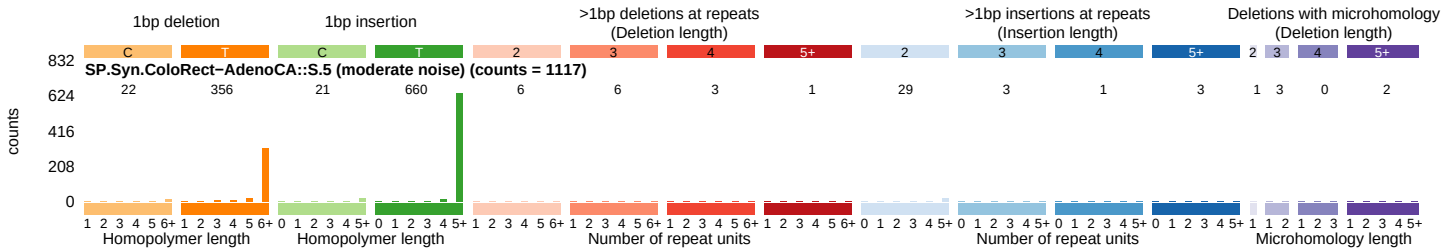

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Breast−AdenoCA::S.190 (moderate noise) (counts = 555)
counts
Homopolymer length
Number of repeat units
Microhomology length

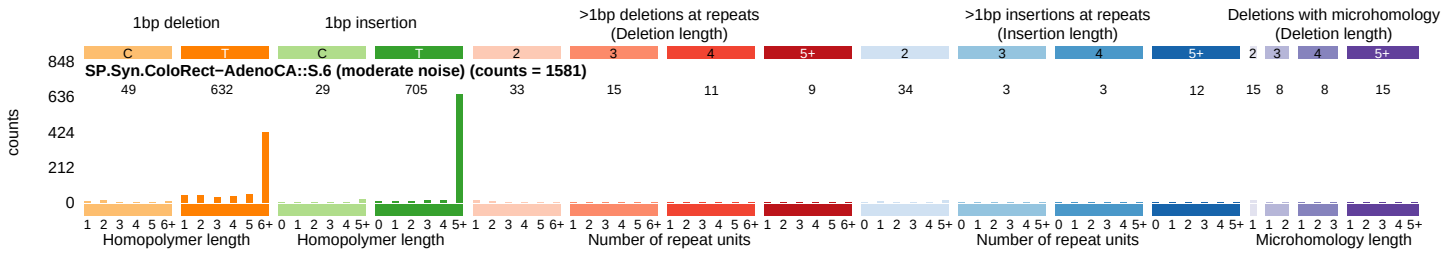

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.1 (moderate noise) (counts = 1585)
counts
Homopolymer length
Number of repeat units
Microhomology length

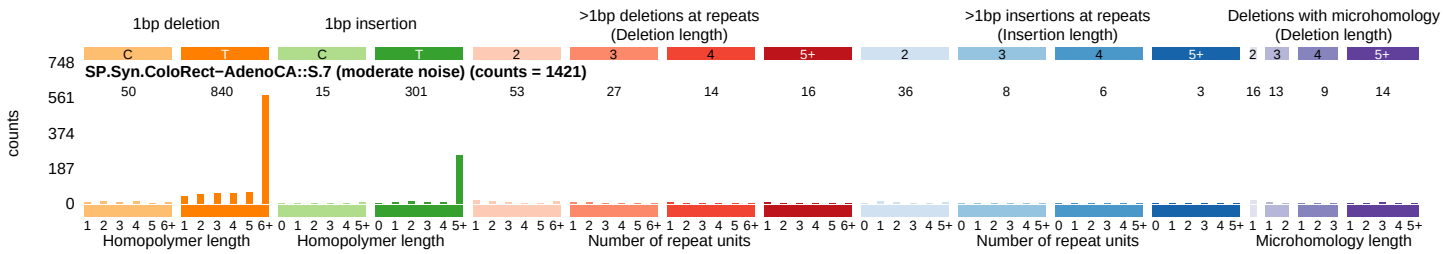

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.2 (moderate noise) (counts = 1607)
counts
Homopolymer length
Number of repeat units
Microhomology length

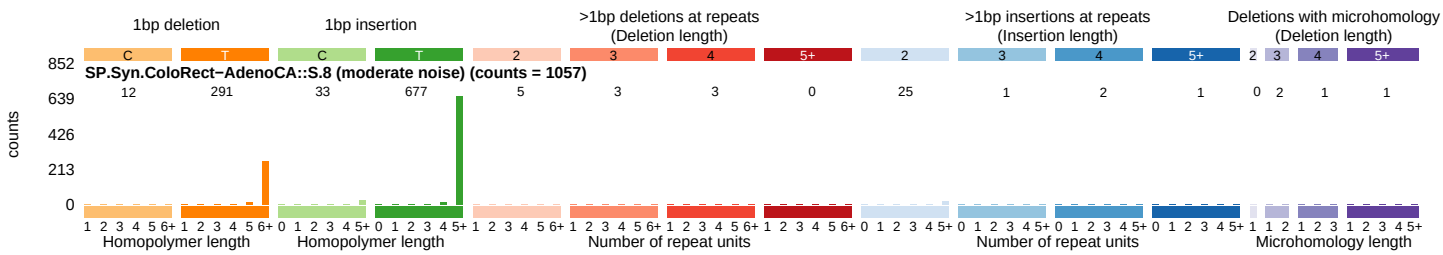

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.3 (moderate noise) (counts = 745)
9 82 11 622 2 3 1 1 8 2 2 0 0 2 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

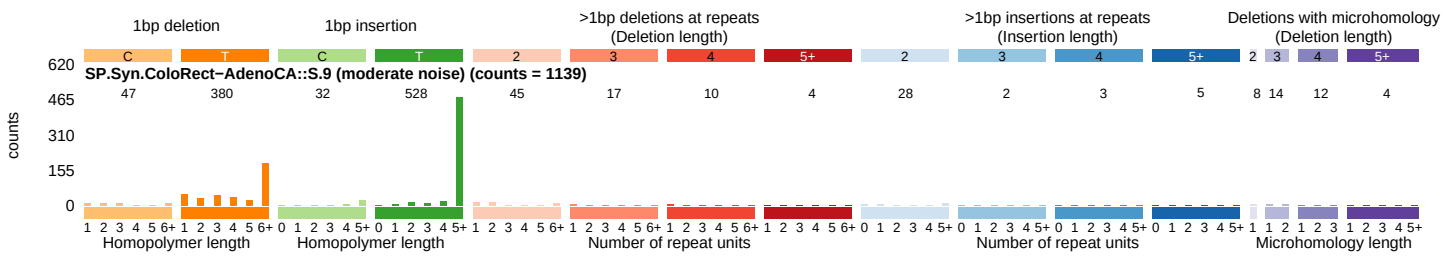

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.4 (moderate noise) (counts = 1103)
72 543 13 238 57 32 14 21 35 6 5 12 13 11 13 18
counts
Homopolymer length
Number of repeat units
Microhomology length

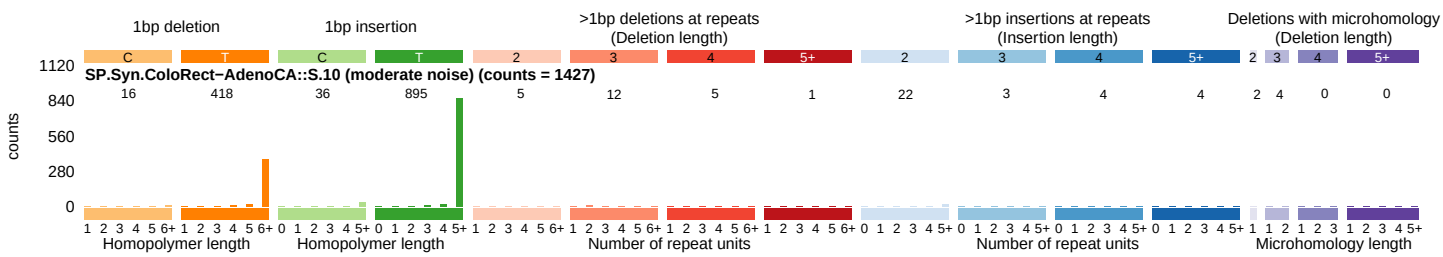

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.5 (moderate noise) (counts = 1117)
22 356 21 660 6 6 3 1 29 3 1 3 1 3 0 2
counts
Homopolymer length
Number of repeat units
Microhomology length

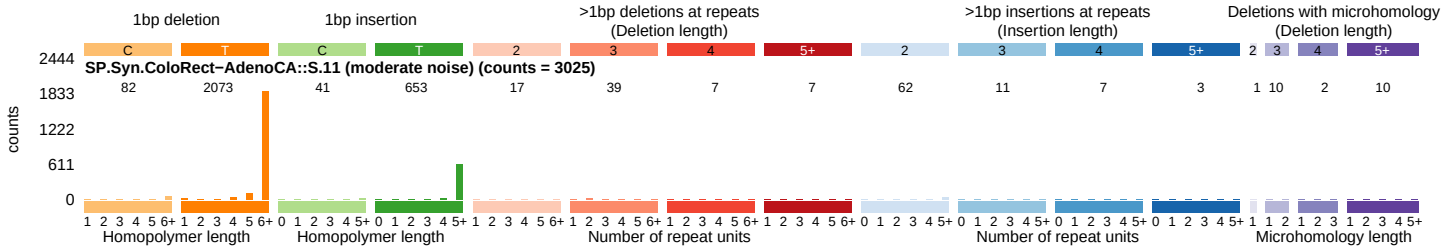

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.6 (moderate noise) (counts = 1581)
49 632 29 705 33 15 11 9 34 3 3 12 15 8 8 15
counts
Homopolymer length
Number of repeat units
Microhomology length

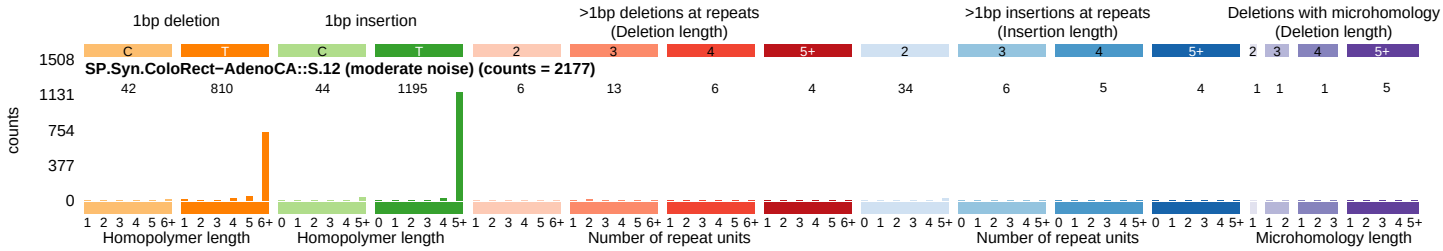

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.7 (moderate noise) (counts = 1421)
50 840 15 301 53 27 14 16 36 8 6 3 16 13 9 14
counts
Homopolymer length
Number of repeat units
Microhomology length

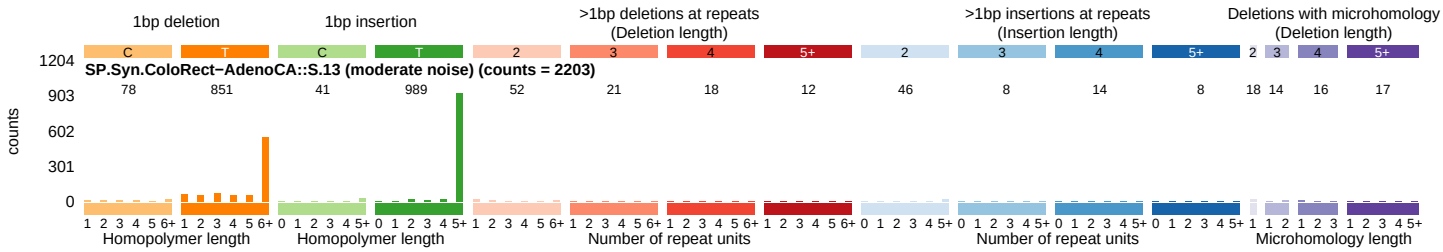

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.8 (moderate noise) (counts = 1057)
12 291 33 677 5 3 3 0 25 1 2 1 0 2 1 1
counts
Homopolymer length
Number of repeat units
Microhomology length

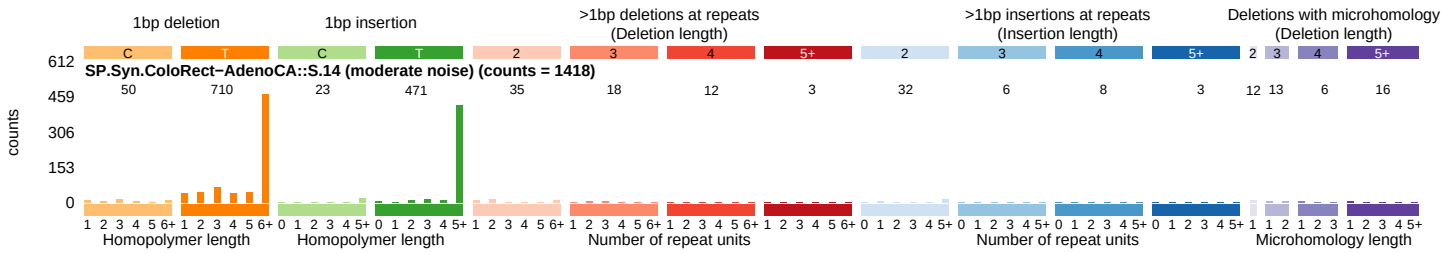

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.9 (moderate noise) (counts = 1139)
47 380 32 528 45 17 10 4 28 2 3 5 8 14 12 4
counts
Homopolymer length
Number of repeat units
Microhomology length

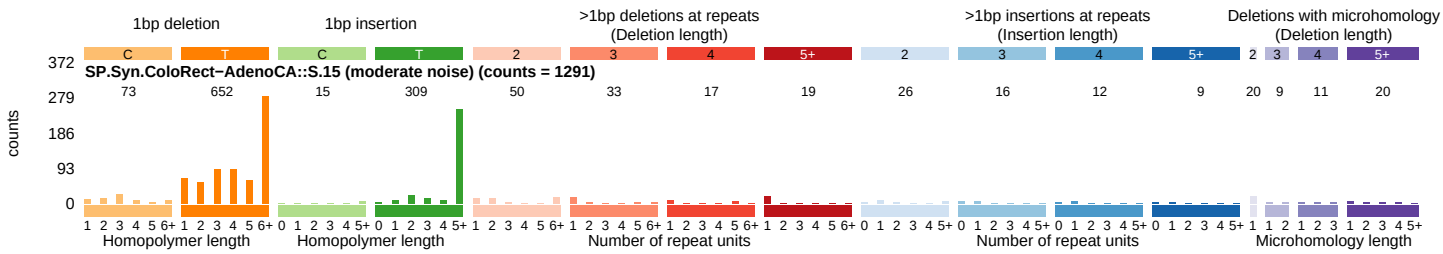

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.10 (moderate noise) (counts = 1427)
16 418 36 895 5 12 5 1 22 3 4 4 2 4 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length

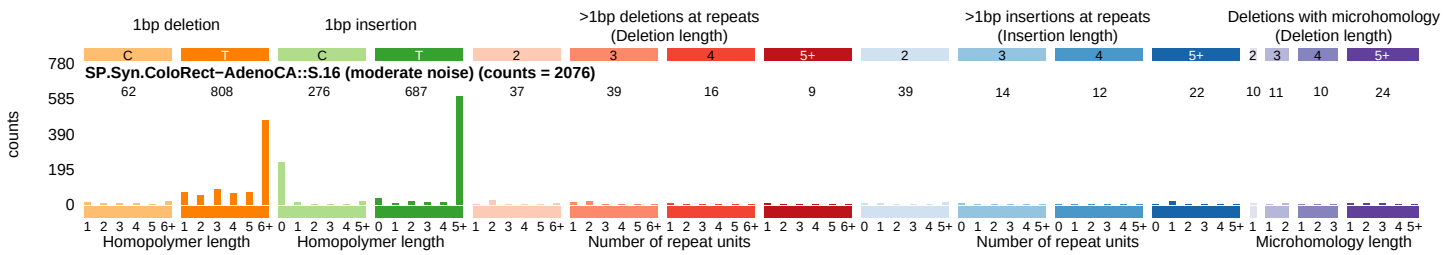

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.11 (moderate noise) (counts = 3025)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
82 2073 41 653 17 39 7 7 62 11 7 3 1 10 2 10
counts
2444 1833 1222 611 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology 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.12 (moderate noise) (counts = 2177)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
42 810 44 1195 6 13 6 4 34 6 5 4 1 1 1 5
counts
1508 1131 754 377 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology 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.13 (moderate noise) (counts = 2203)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
78 851 41 989 52 21 18 12 46 8 14 8 18 14 16 17
counts
1204 903 602 301 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.14 (moderate noise) (counts = 1418)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
50 710 23 471 35 18 12 3 32 6 8 3 12 13 6 16
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.ColoRect−AdenoCA::S.15 (moderate noise) (counts = 1291)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
73 652 15 309 50 33 17 19 26 16 12 9 20 9 11 20
counts
372 279 186 93 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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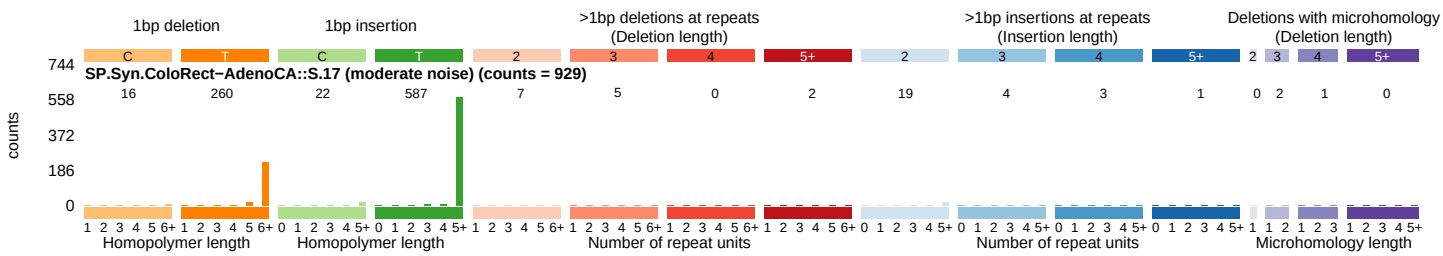
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.16 (moderate noise) (counts = 2076)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
62 808 276 687 37 39 16 9 39 14 12 22 10 11 10 24
counts
780 585 390 195 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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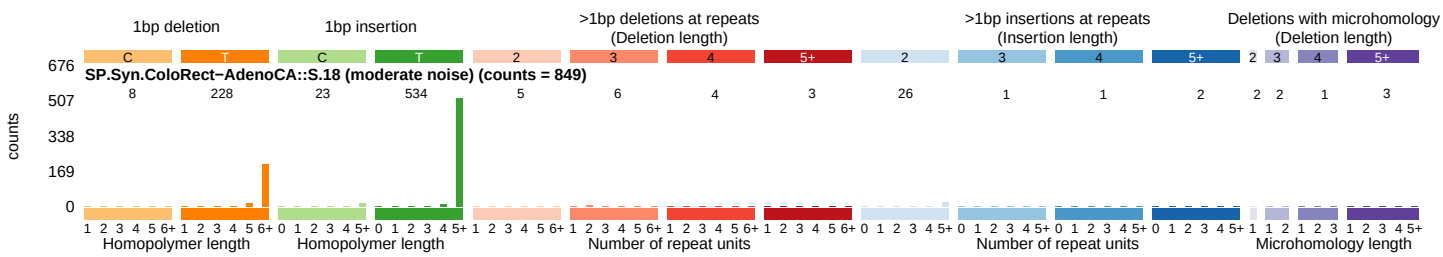
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.17 (moderate noise) (counts = 929)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
16 260 22 587 7 5 0 2 19 4 3 1 0 2 1 0
counts
744 558 372 186 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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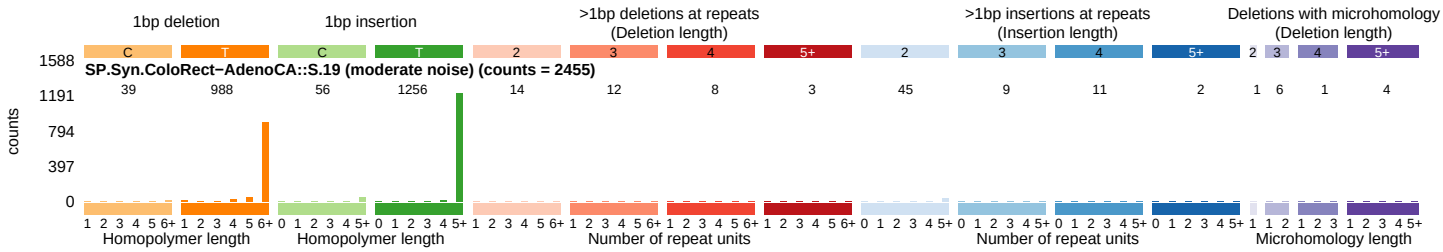
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.18 (moderate noise) (counts = 849)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
8 228 23 534 5 6 4 3 26 1 1 2 2 2 1 3
counts
676 507 338 169 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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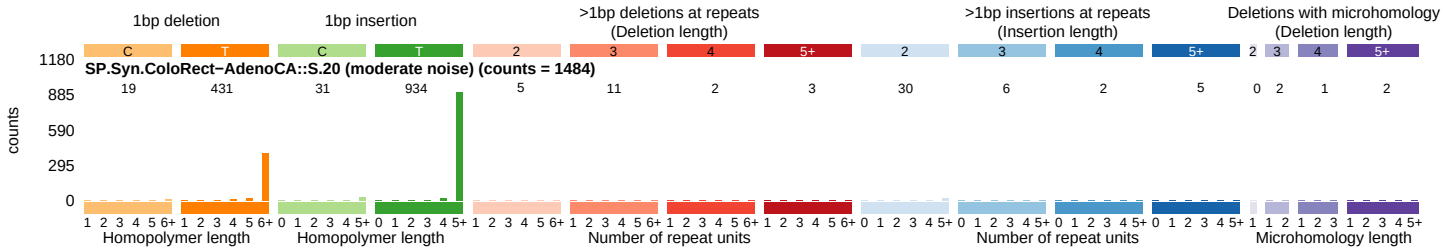
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.19 (moderate noise) (counts = 2455)
counts
Homopolymer length
Number of repeat units
Microhomology length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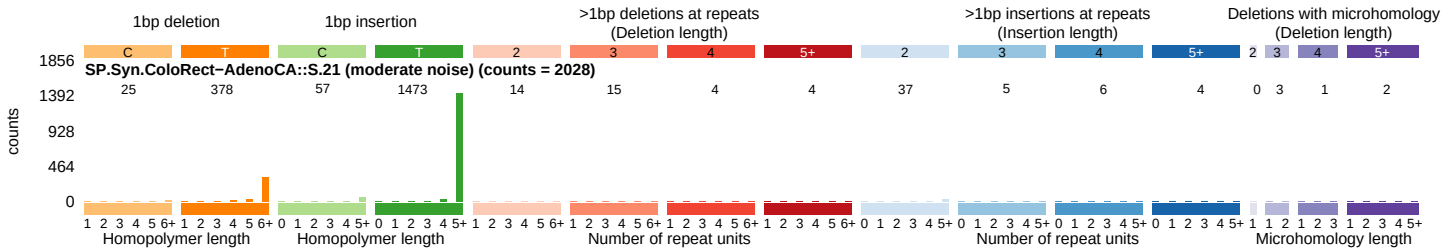
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.20 (moderate noise) (counts = 1484)
counts
Homopolymer length
Number of repeat units
Microhomology length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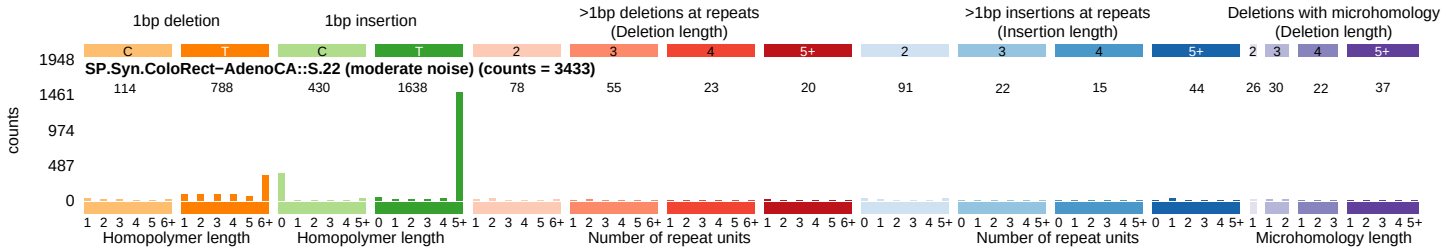
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.21 (moderate noise) (counts = 2028)
counts
Homopolymer length
Number of repeat units
Microhomology length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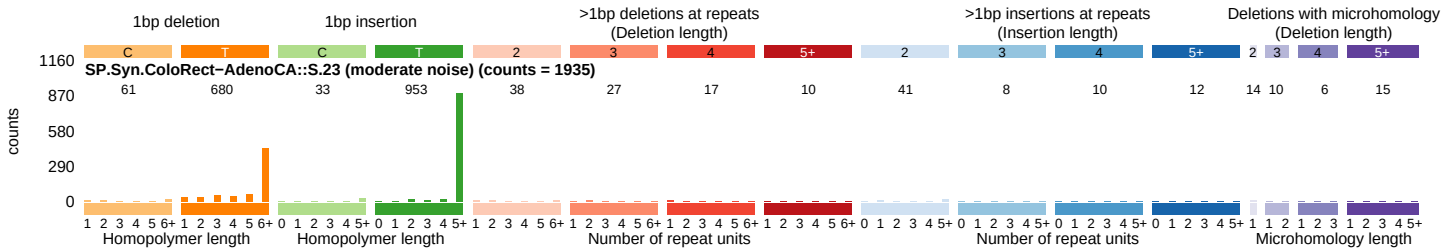
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.22 (moderate noise) (counts = 3433)
counts
Homopolymer length
Number of repeat units
Microhomology length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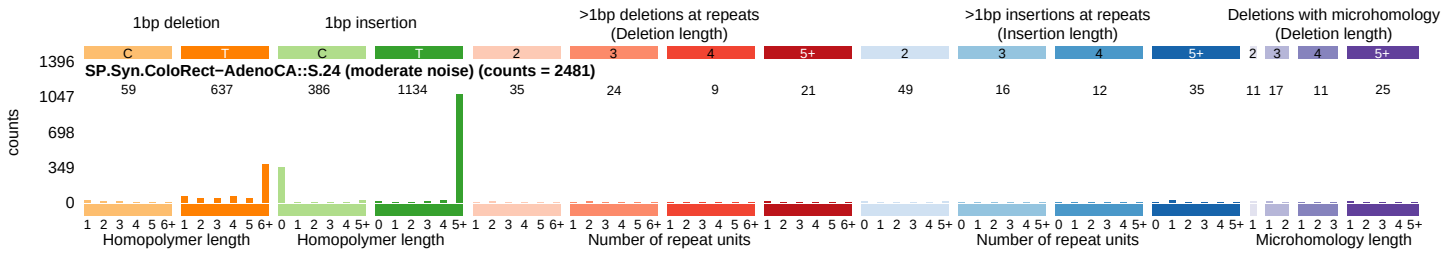
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.23 (moderate noise) (counts = 1935)
counts
Homopolymer length
Number of repeat units
Microhomology length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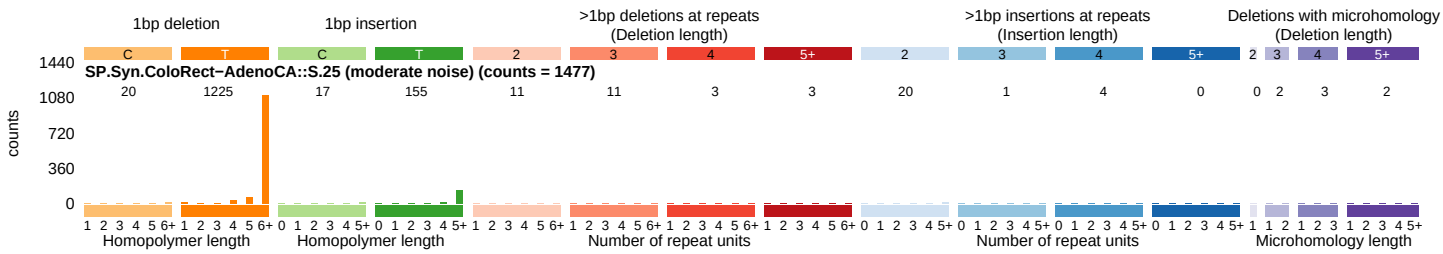
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.24 (moderate noise) (counts = 2481)
counts
Homopolymer length
Number of repeat units
Microhomology length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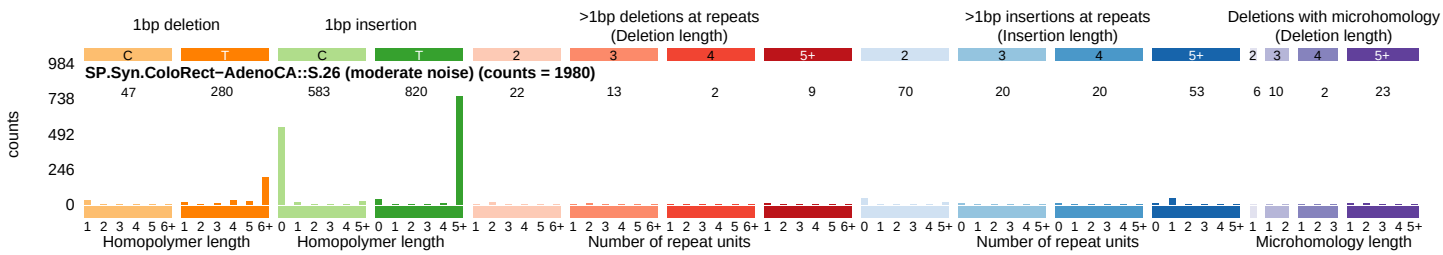
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.25 (moderate noise) (counts = 1477)
counts
Homopolymer length
Number of repeat units
Microhomology length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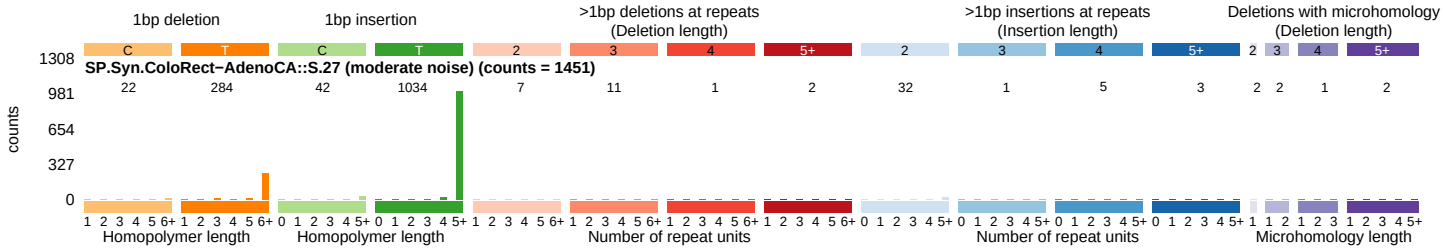
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.26 (moderate noise) (counts = 1980)
counts
Homopolymer length
Number of repeat units
Microhomology length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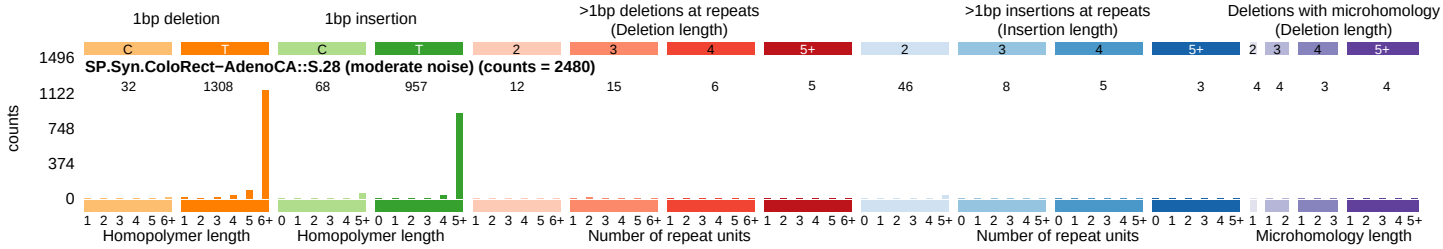
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.27 (moderate noise) (counts = 1451)
counts
Homopolymer length
Number of repeat units
Microhomology length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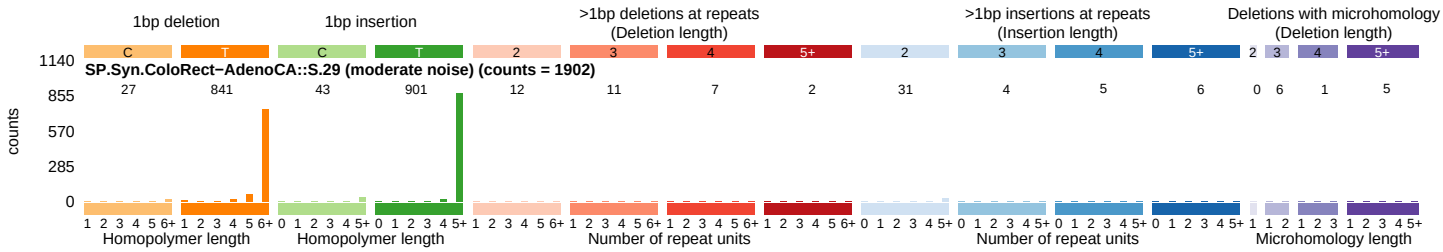
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.28 (moderate noise) (counts = 2480)
counts
Homopolymer length
Number of repeat units
Microhomology length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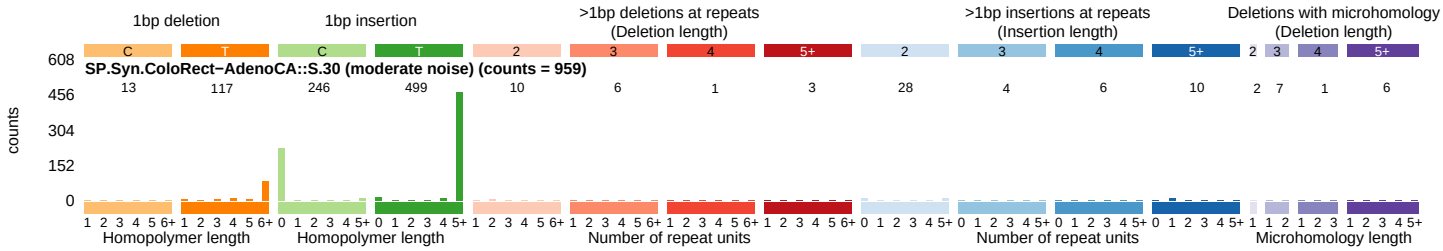
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.29 (moderate noise) (counts = 1902)
counts
Homopolymer length
Number of repeat units
Microhomology length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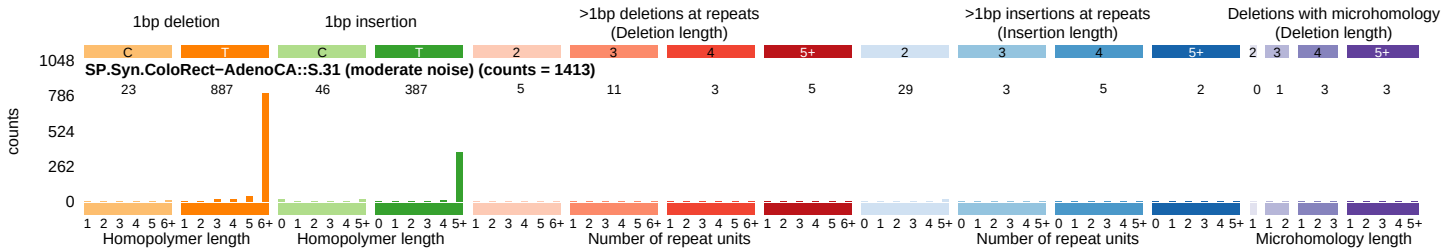
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.30 (moderate noise) (counts = 959)
counts
Homopolymer length
Number of repeat units
Microhomology length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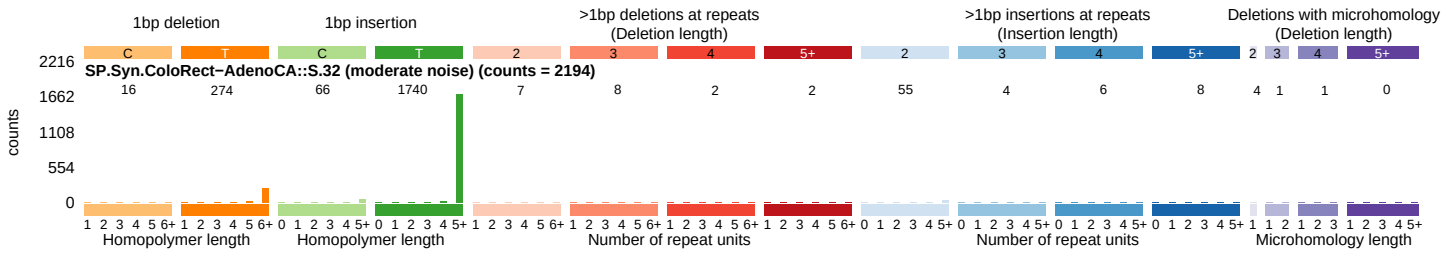
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.31 (moderate noise) (counts = 1413)
counts
Homopolymer length
Number of repeat units
Microhomology length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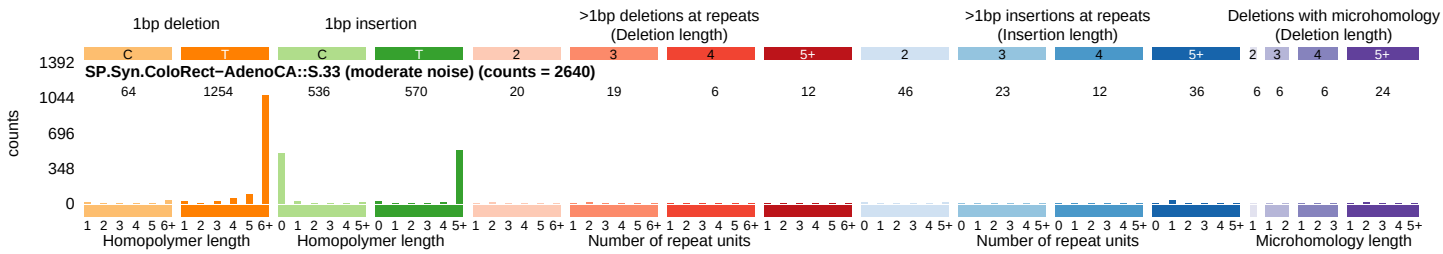
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.32 (moderate noise) (counts = 2194)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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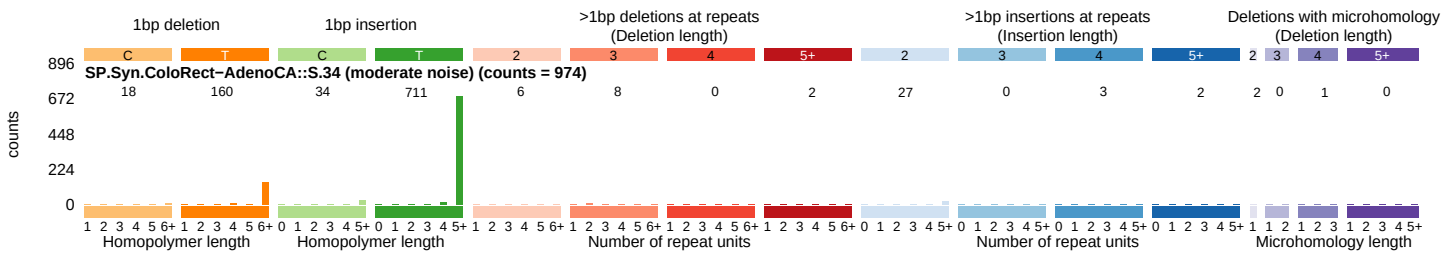
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.33 (moderate noise) (counts = 2640)
counts
Homopolymer length
Number of repeat units
Microhomology length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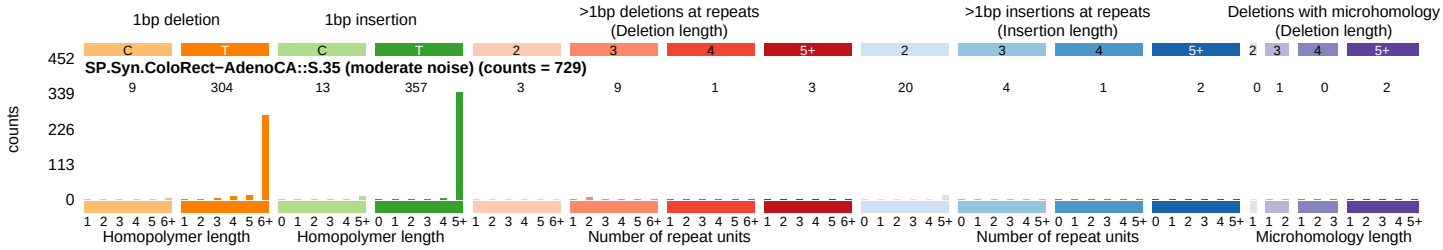
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.34 (moderate noise) (counts = 974)
counts
Homopolymer length
Number of repeat units
Microhomology length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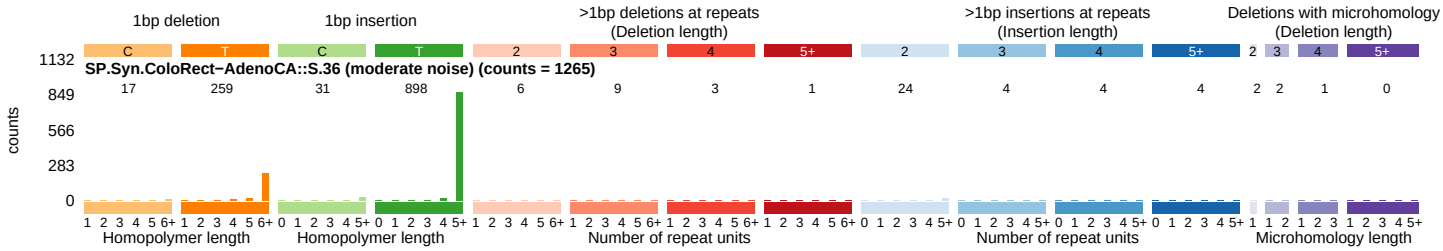
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.35 (moderate noise) (counts = 729)
counts
Homopolymer length
Number of repeat units
Microhomology length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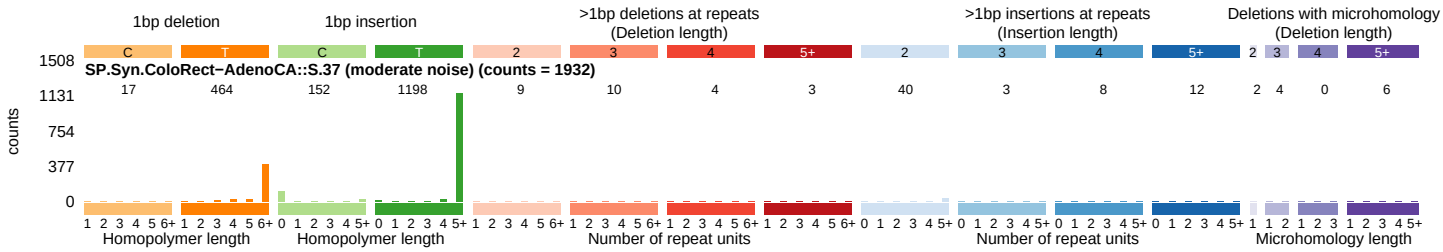
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.36 (moderate noise) (counts = 1265)
counts
Homopolymer length
Number of repeat units
Microhomology length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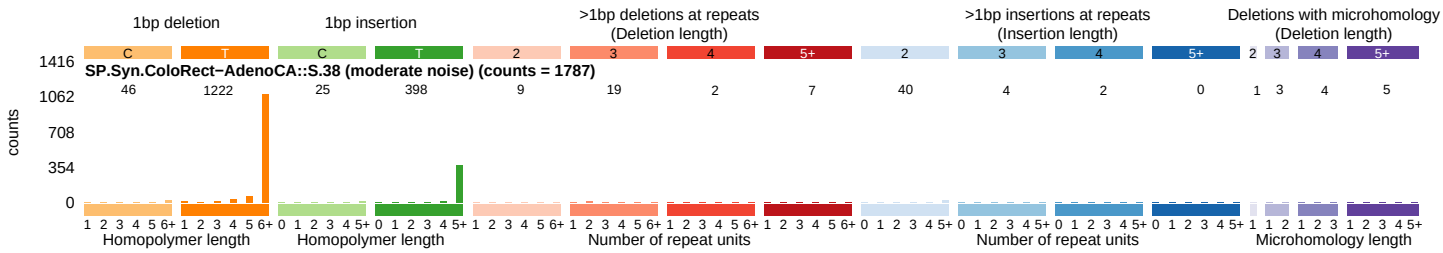
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.37 (moderate noise) (counts = 1932)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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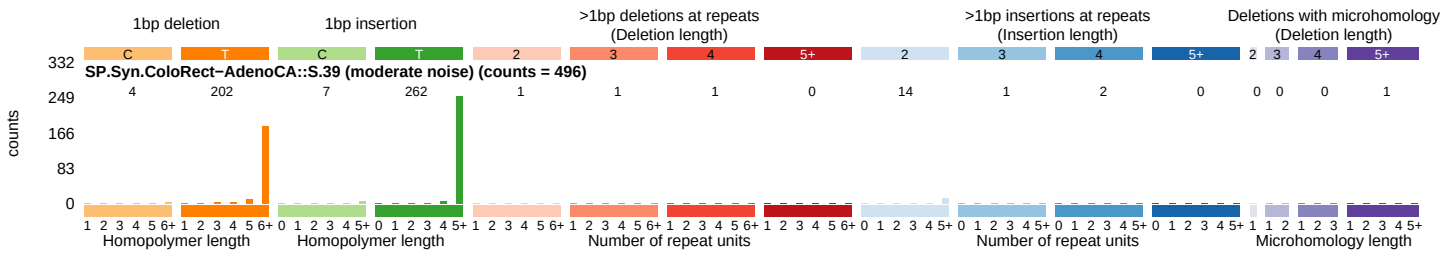
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.38 (moderate noise) (counts = 1787)
counts
Homopolymer length
Number of repeat units
Microhomology length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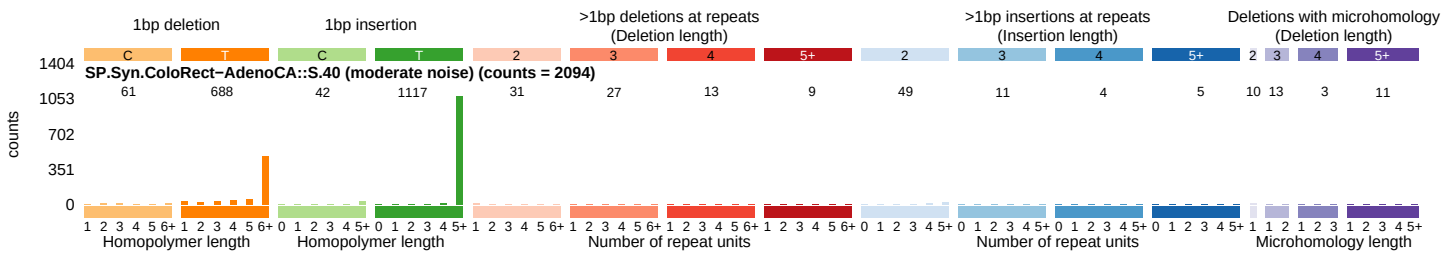
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.39 (moderate noise) (counts = 496)
counts
Homopolymer length
Number of repeat units
Microhomology length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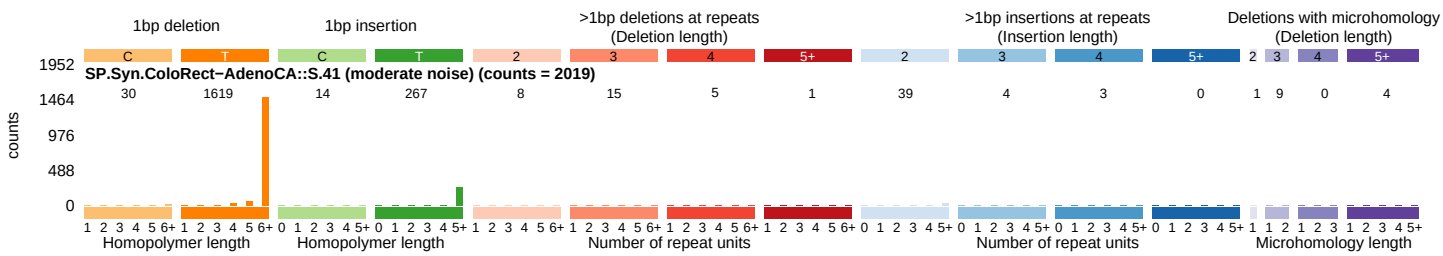
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.40 (moderate noise) (counts = 2094)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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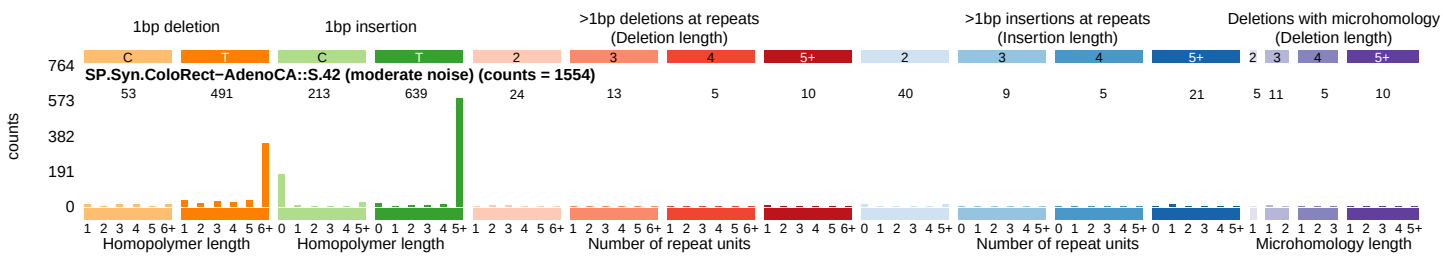
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.41 (moderate noise) (counts = 2019)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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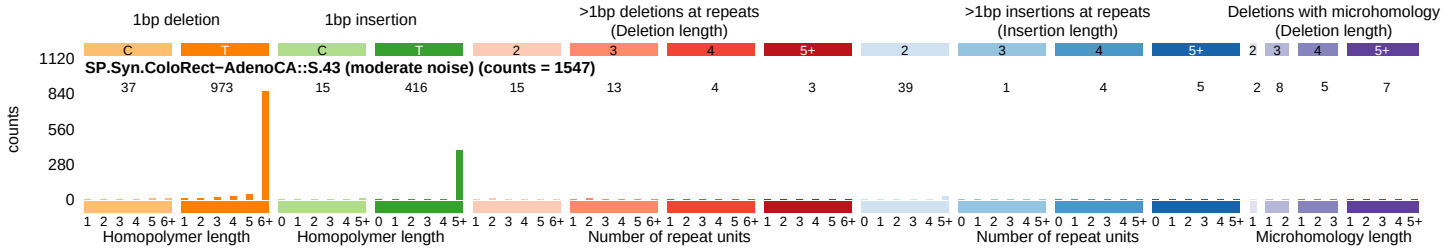
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.42 (moderate noise) (counts = 1554)
counts
Homopolymer length
Number of repeat units
Microhomology length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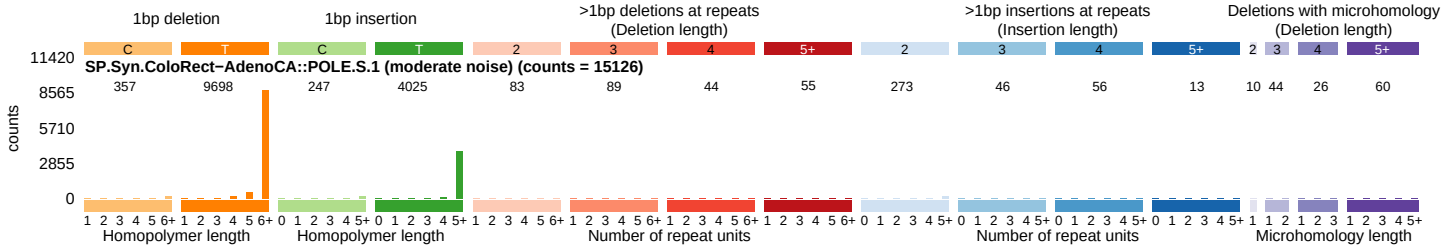
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::S.43 (moderate noise) (counts = 1547)
counts
Homopolymer length
Number of repeat units
Microhomology length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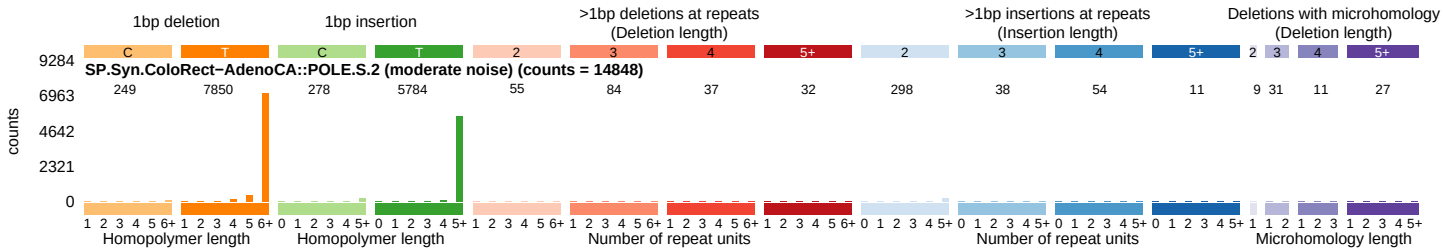
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.1 (moderate noise) (counts = 15126)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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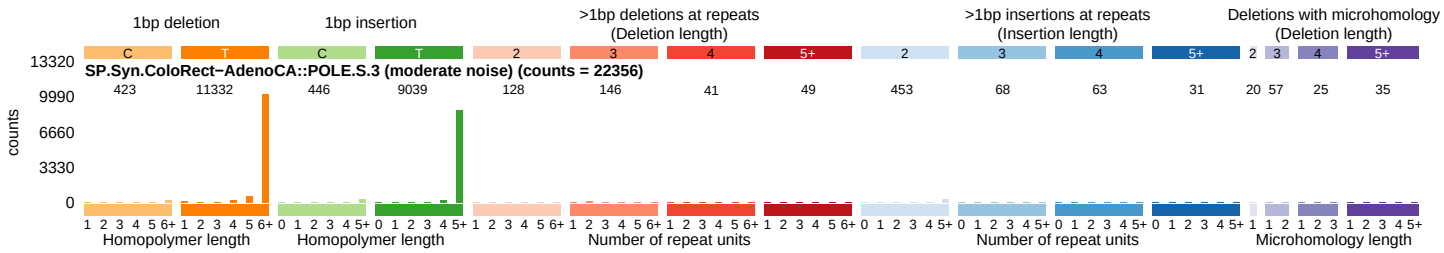
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.2 (moderate noise) (counts = 14848)
counts
Homopolymer length
Number of repeat units
Microhomology length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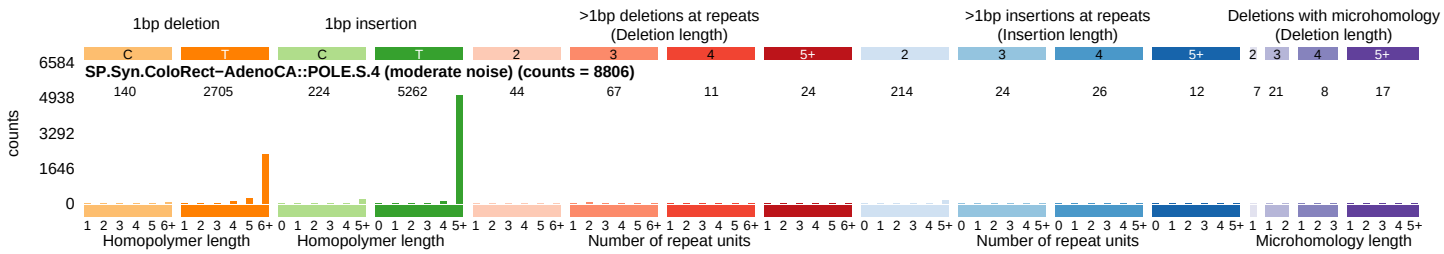
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.3 (moderate noise) (counts = 22356)
counts
Homopolymer length
Number of repeat units
Microhomology length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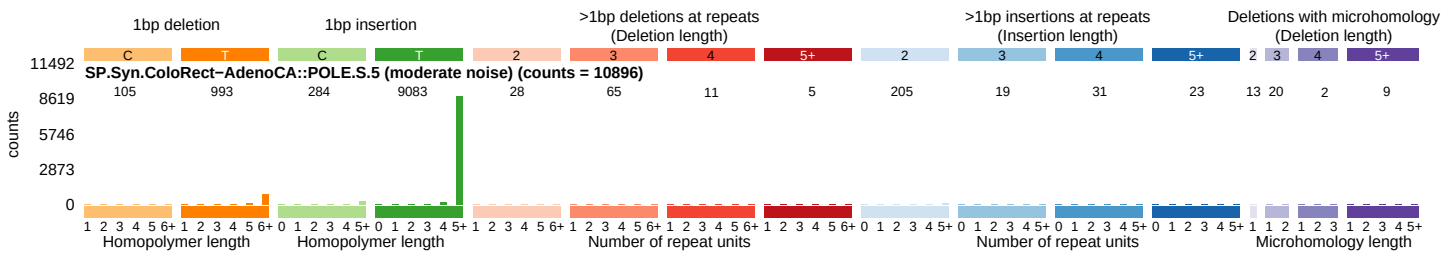
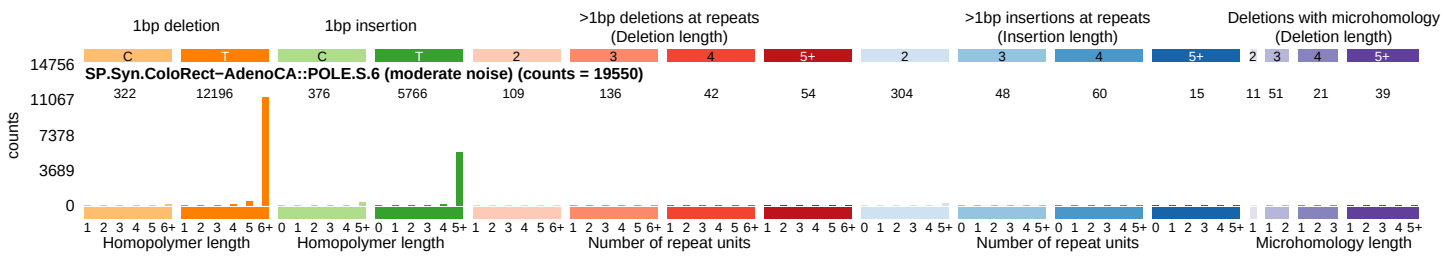
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.4 (moderate noise) (counts = 8806)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.5 (moderate noise) (counts = 10896)
counts
Homopolymer length
Number of repeat units
Microhomology length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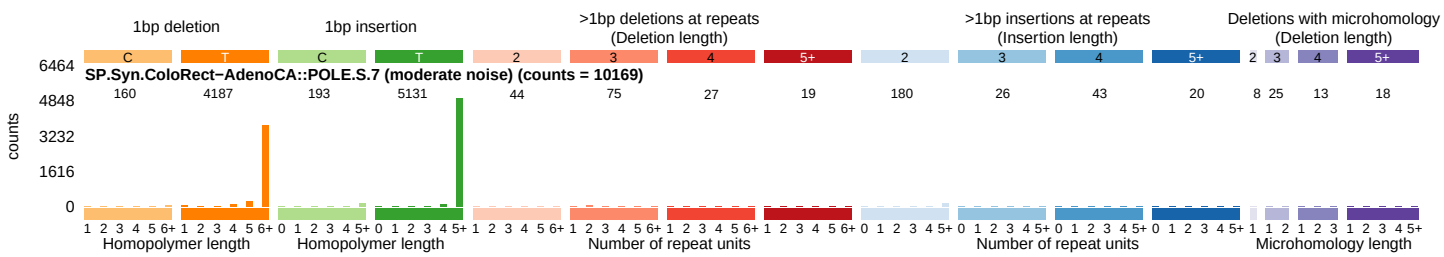
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.6 (moderate noise) (counts = 19550)
counts
Homopolymer length
Number of repeat units
Microhomology length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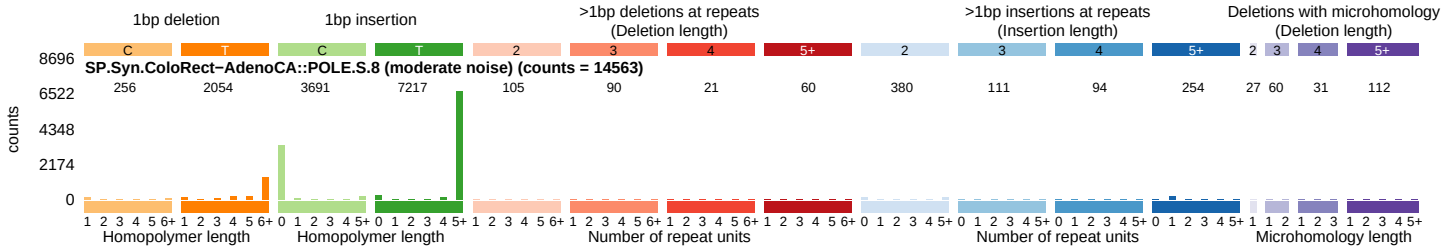
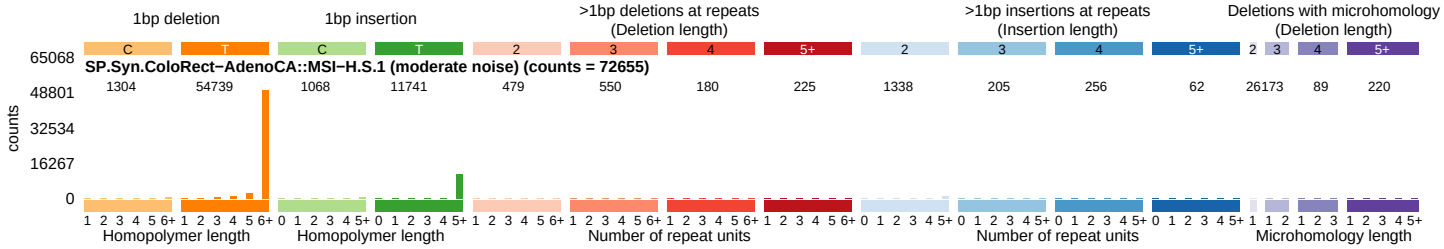
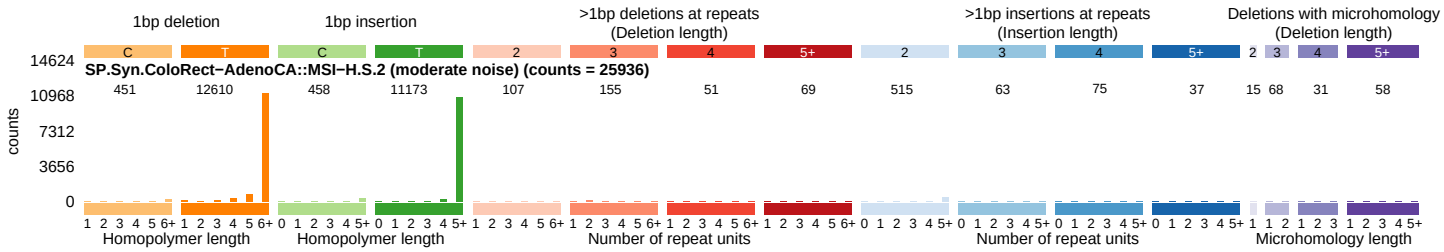
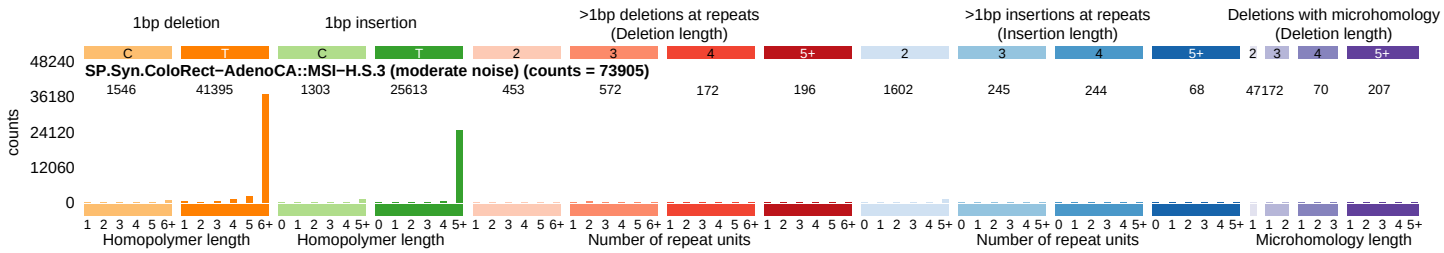
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.7 (moderate noise) (counts = 10169)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::POLE.S.8 (moderate noise) (counts = 14563)
256 2054 3691 7217 105 90 21 60 380 111 94 254 27 60 31 112
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.ColoRect−AdenoCA::MSI−H.S.1 (moderate noise) (counts = 72655)
1304 54739 1068 11741 479 550 180 225 1338 205 256 62 26173 89 220
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.2 (moderate noise) (counts = 25936)
451 12610 458 11173 107 155 51 69 515 63 75 37 15 68 31 58
counts
Homopolymer length
Number of repeat units
Microhomology length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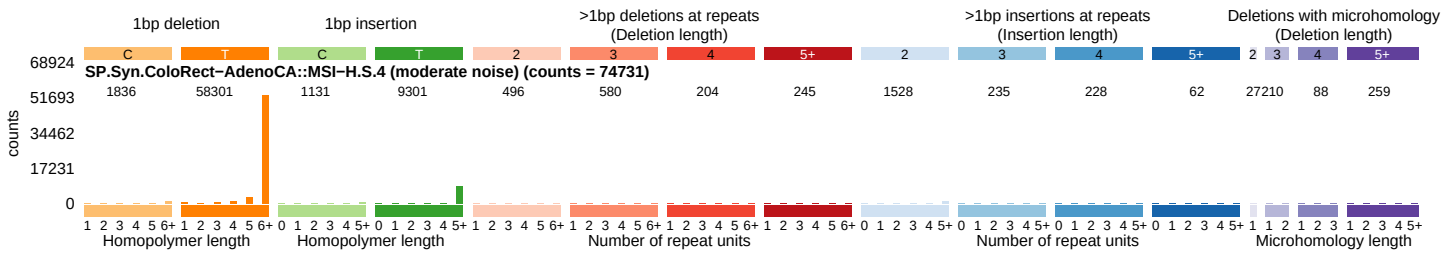
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.3 (moderate noise) (counts = 73905)
1546 41395 1303 25613 453 572 172 196 1602 245 244 68 47172 70 207
counts
Homopolymer length
Number of repeat units
Microhomology length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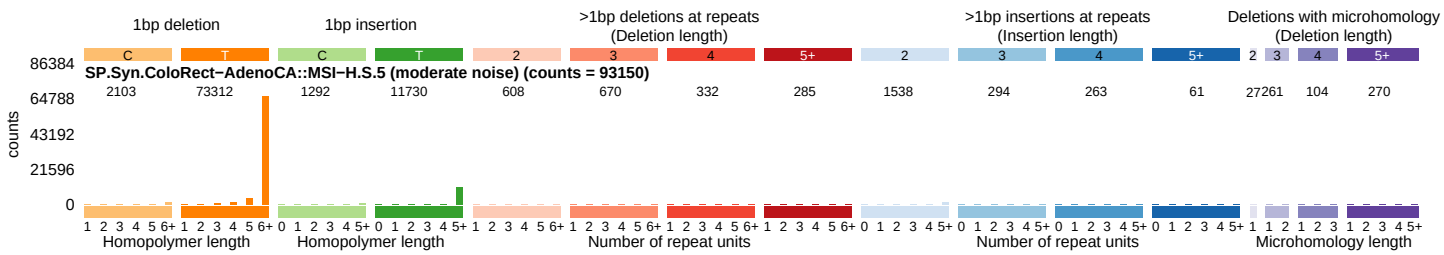
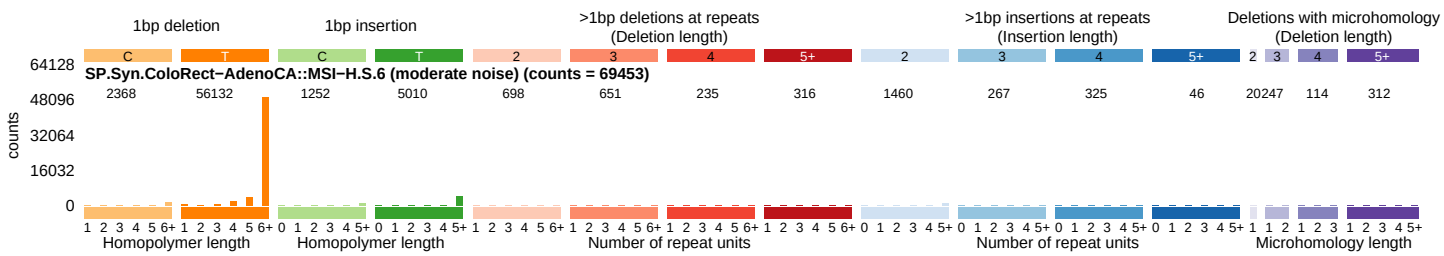
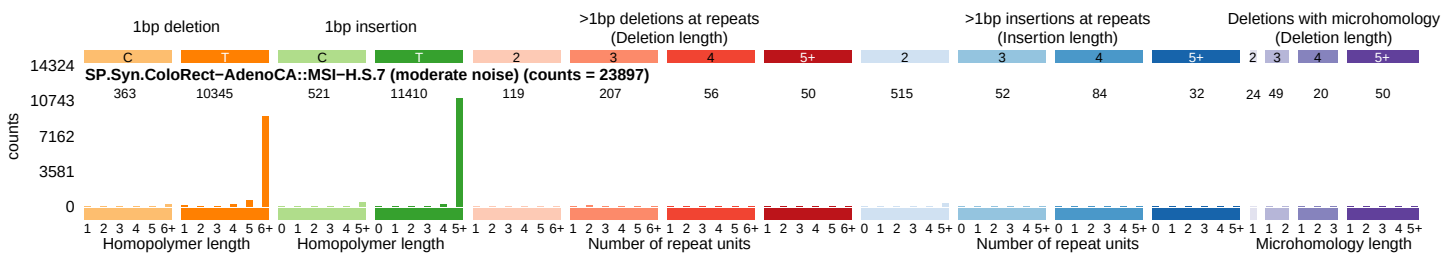
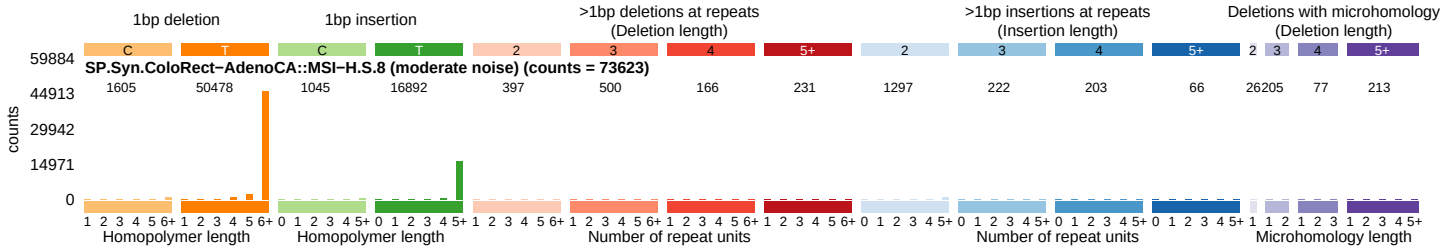
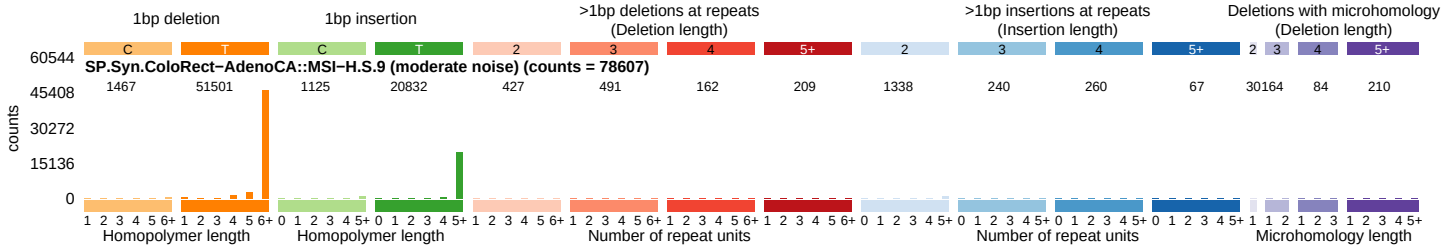
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.4 (moderate noise) (counts = 74731)
1836 58301 1131 9301 496 580 204 245 1528 235 228 62 27210 88 259
counts
Homopolymer length
Number of repeat units
Microhomology length

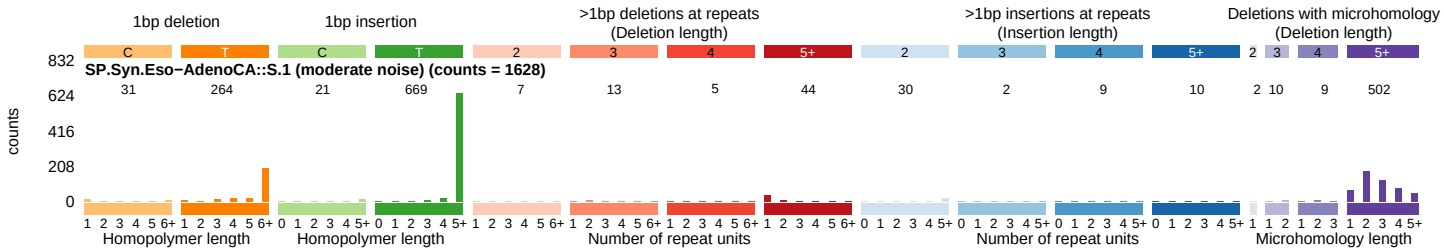

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.5 (moderate noise) (counts = 93150)
2103 73312 1292 11730 608 670 332 285 1538 294 263 61 27261 104 270
counts
Homopolymer length
Number of repeat units
Microhomology length

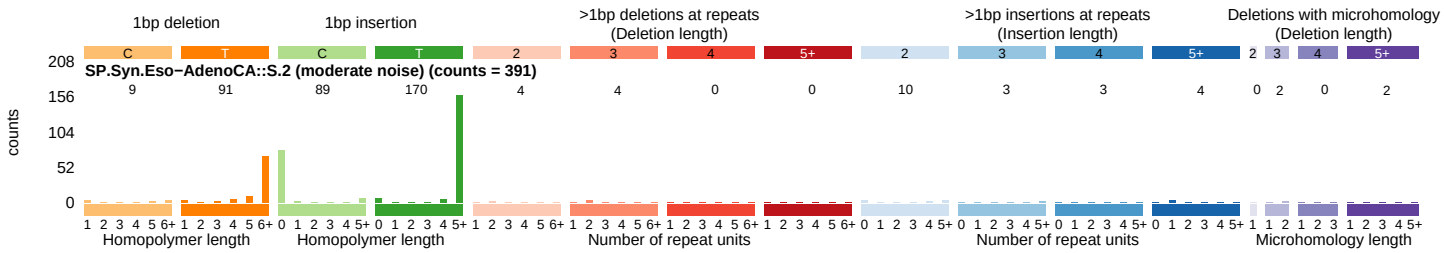

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.6 (moderate noise) (counts = 69453)
2368 56132 1252 5010 698 651 235 316 1460 267 325 46 20247 114 312
counts
Homopolymer length
Number of repeat units
Microhomology length

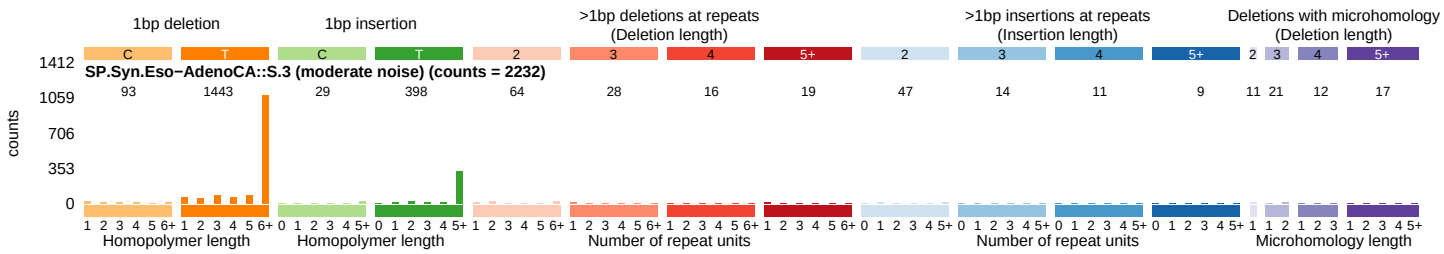

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.7 (moderate noise) (counts = 23897)
363 10345 521 11410 119 207 56 50 515 52 84 32 24 49 20 50
counts
Homopolymer length
Number of repeat units
Microhomology length

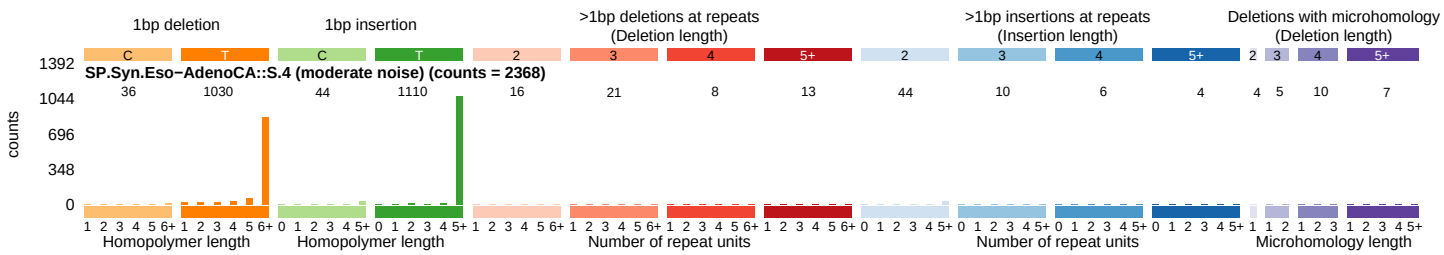

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.8 (moderate noise) (counts = 73623)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
59884 1605 50478 1045 16892 397 500 166 231 1297 222 203 66 26205 77 213
counts
44913
29942
14971
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

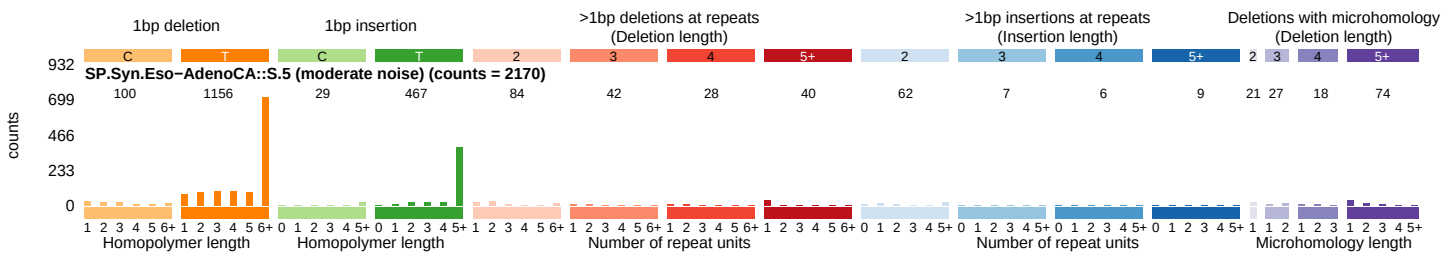

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.ColoRect−AdenoCA::MSI−H.S.9 (moderate noise) (counts = 78607)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
60544 1467 51501 1125 20832 427 491 162 209 1338 240 260 67 30164 84 210
counts
45408
30272
15136
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

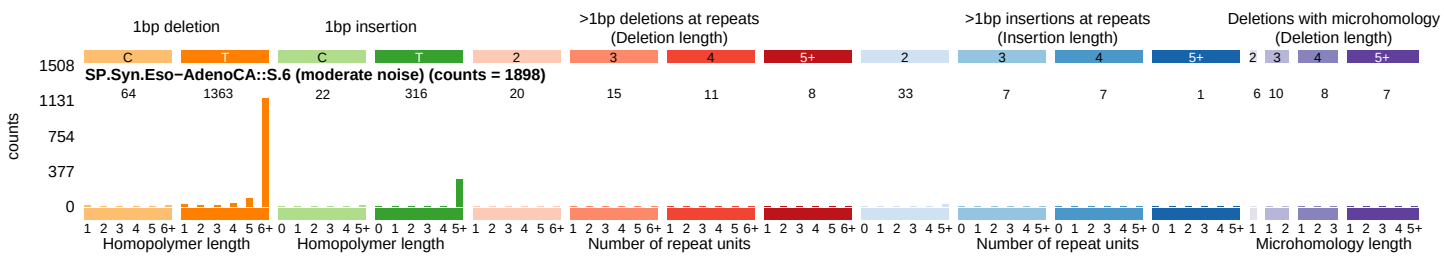

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.1 (moderate noise) (counts = 1628)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
832 31 264 21 669 7 13 5 44 30 2 9 10 2 10 9 502
counts
624
416
208
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.2 (moderate noise) (counts = 391)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
208 9 91 89 170 4 4 0 0 10 3 3 4 0 2 0 2
counts
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.Eso−AdenoCA::S.3 (moderate noise) (counts = 2232)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
1412 93 1443 29 398 64 28 16 19 47 14 11 9 11 21 12 17
counts
1059
706
353
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.4 (moderate noise) (counts = 2368)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
1392 36 1030 44 1110 16 21 8 13 44 10 6 4 4 5 10 7
counts
1044
696
348
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.5 (moderate noise) (counts = 2170)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
932 100 1156 29 467 84 42 28 40 62 7 6 9 21 27 18 74
counts
699
466
233
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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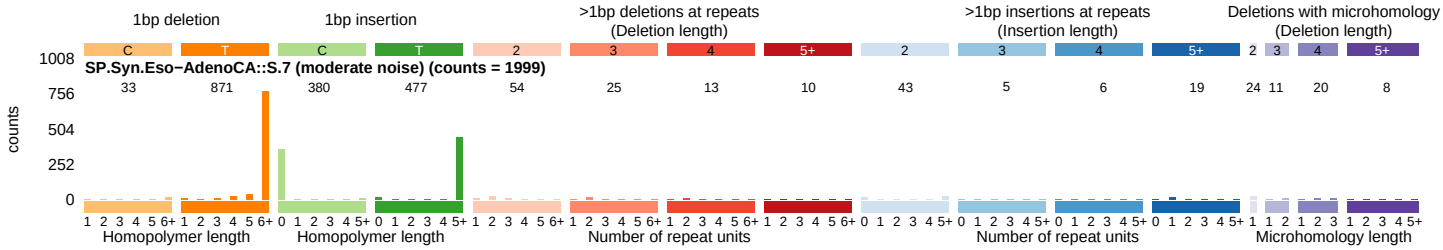
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.6 (moderate noise) (counts = 1898)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
1508 64 1363 22 316 20 15 11 8 33 7 7 1 6 10 8 7
counts
1131
754
377
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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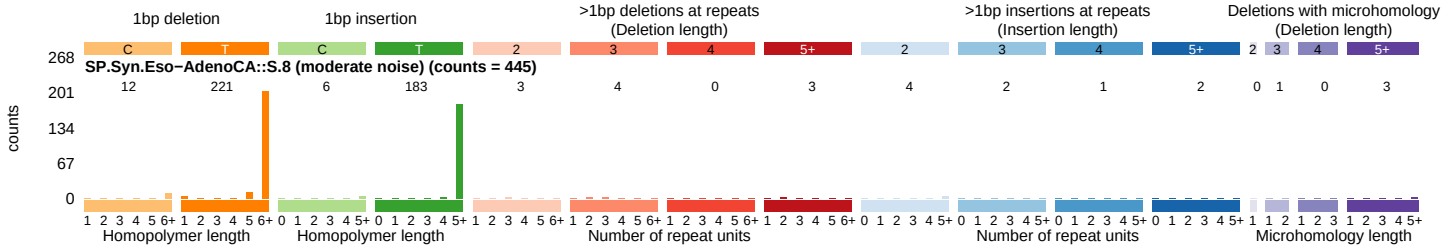
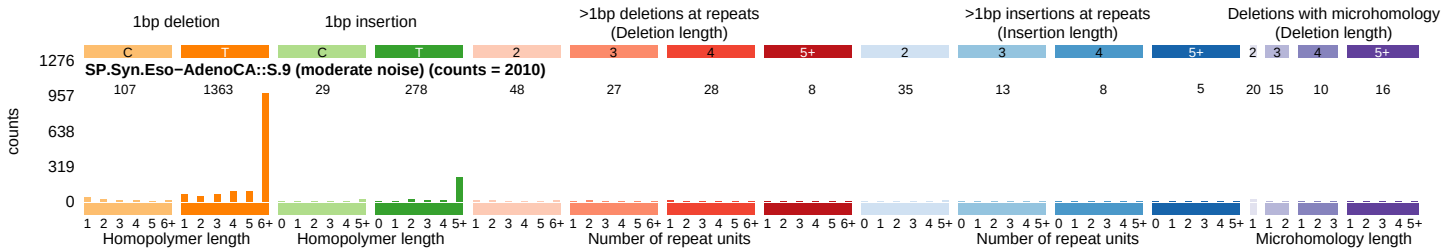
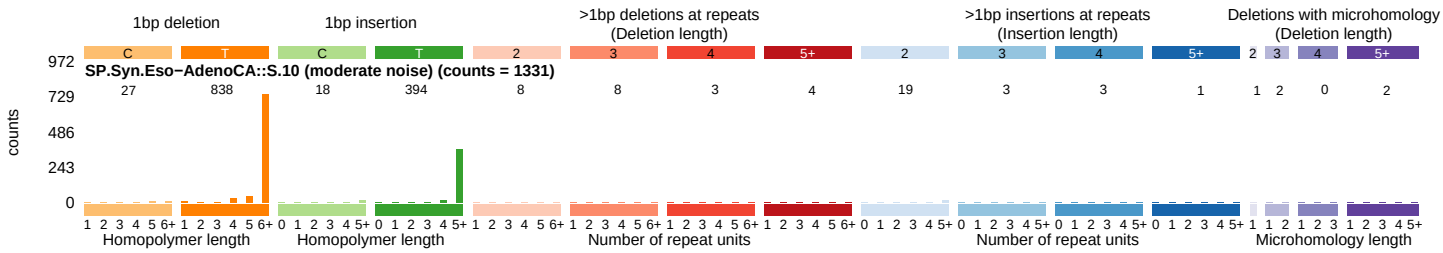
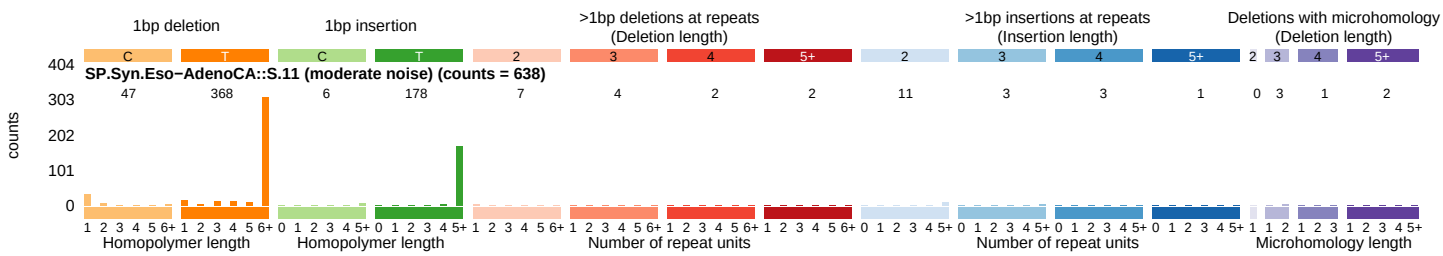
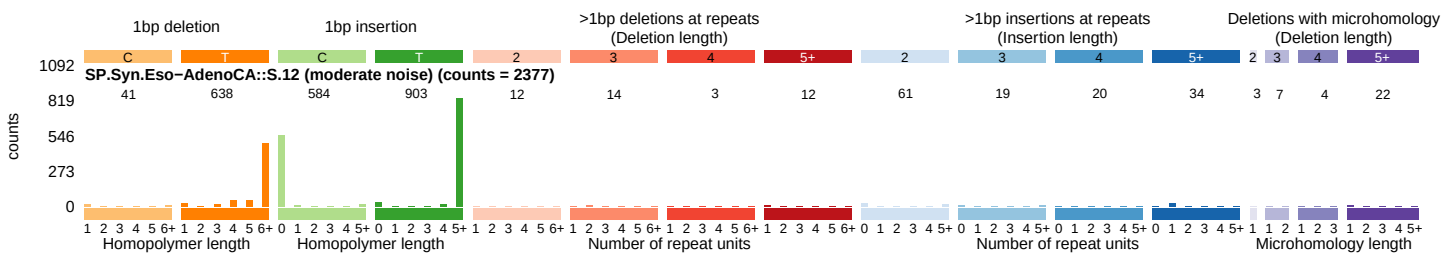
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.7 (moderate noise) (counts = 1999)
33 871 380 477 54 25 13 10 43 5 6 19 24 11 20 8
counts
Homopolymer length
Number of repeat units
Microhomology length

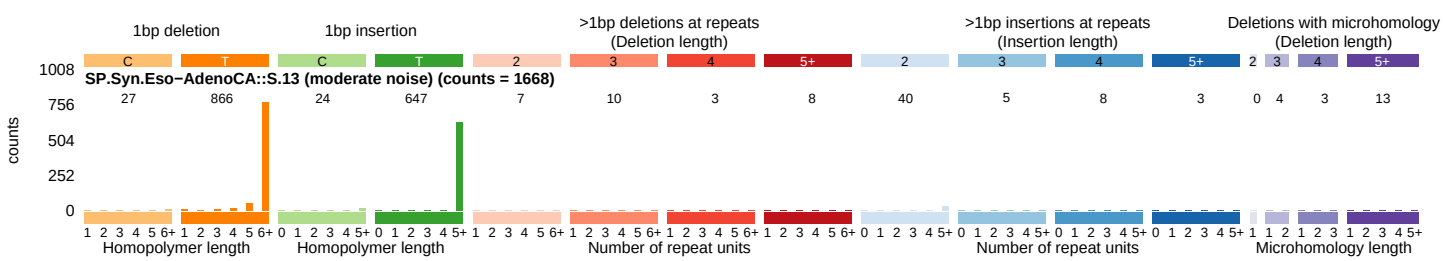

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.8 (moderate noise) (counts = 445)
12 221 6 183 3 4 0 3 4 2 1 2 0 1 0 3
counts
Homopolymer length
Number of repeat units
Microhomology length

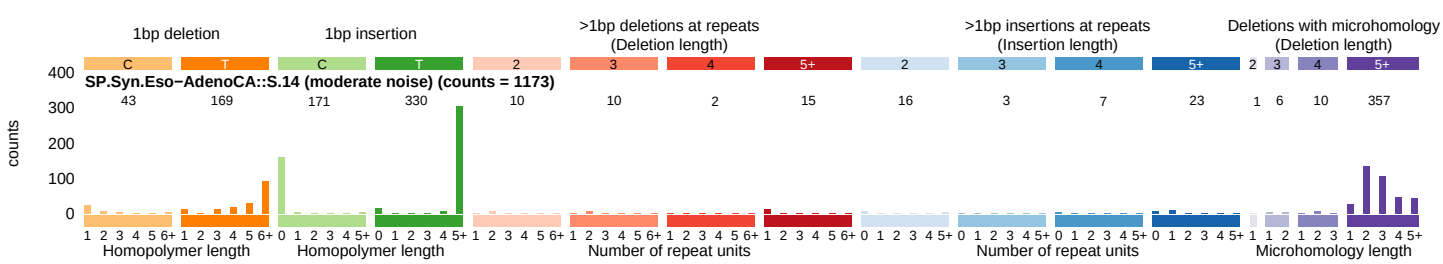

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.9 (moderate noise) (counts = 2010)
107 1363 29 278 48 27 28 8 35 13 8 5 20 15 10 16
counts
Homopolymer length
Number of repeat units
Microhomology length

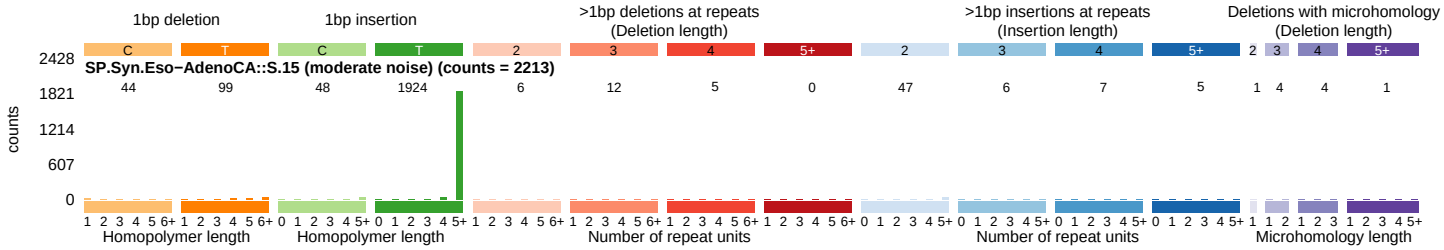

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.10 (moderate noise) (counts = 1331)
27 838 18 394 8 8 3 4 19 3 3 1 1 2 0 2
counts
Homopolymer length
Number of repeat units
Microhomology length

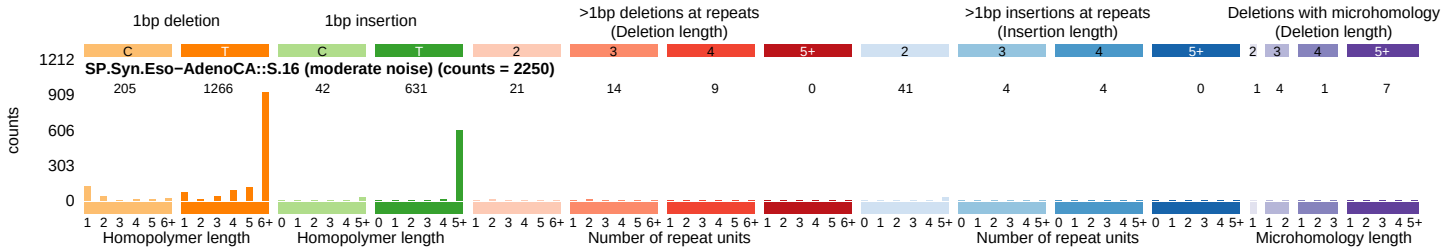

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.11 (moderate noise) (counts = 638)
47 368 6 178 7 4 2 2 11 3 3 1 0 3 1 2
counts
Homopolymer length
Number of repeat units
Microhomology length

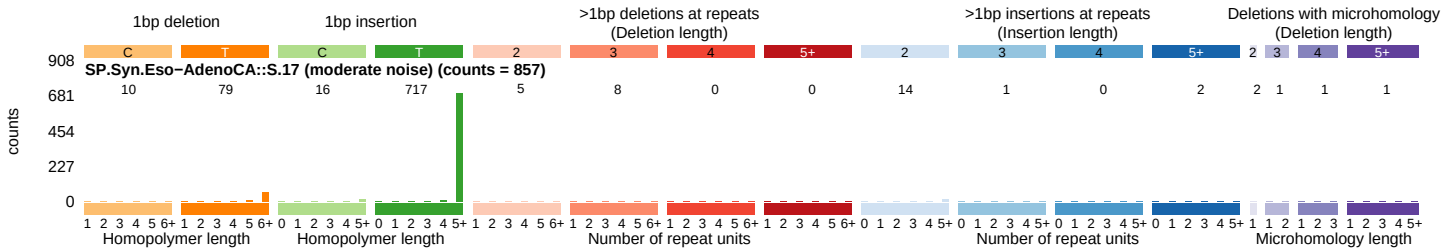

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.12 (moderate noise) (counts = 2377)
41 638 584 903 12 14 3 12 61 19 20 34 3 7 4 22
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.13 (moderate noise) (counts = 1668)
27 866 24 647 7 10 3 8 40 5 8 3 0 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.Eso−AdenoCA::S.14 (moderate noise) (counts = 1173)
43 169 171 330 10 10 2 15 16 3 7 23 1 6 10 357
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.Eso−AdenoCA::S.15 (moderate noise) (counts = 2213)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
44 99 48 1924 6 12 5 0 47 6 7 5 1 4 4 1
counts
2428 1821 1214 607 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology 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 (moderate noise) (counts = 2250)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
205 1266 42 631 21 14 9 0 41 4 4 0 1 4 1 7
counts
1212 909 606 303 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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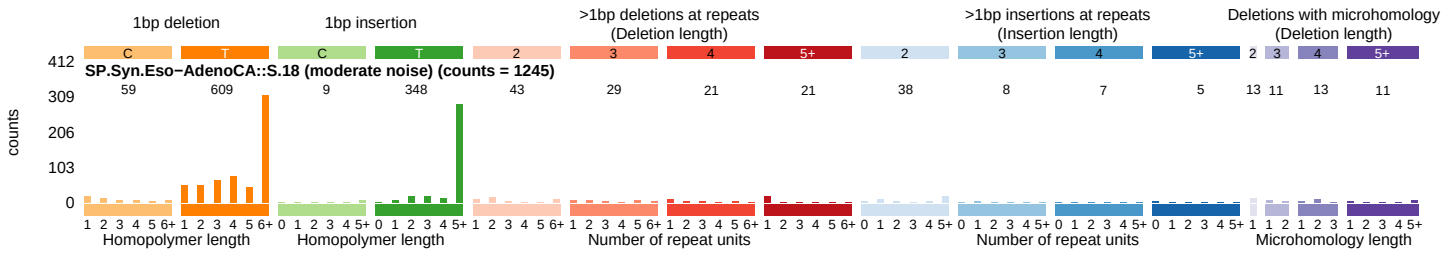
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.17 (moderate noise) (counts = 857)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
10 79 16 717 5 8 0 0 14 1 0 2 2 1 1 1
counts
908 681 454 227 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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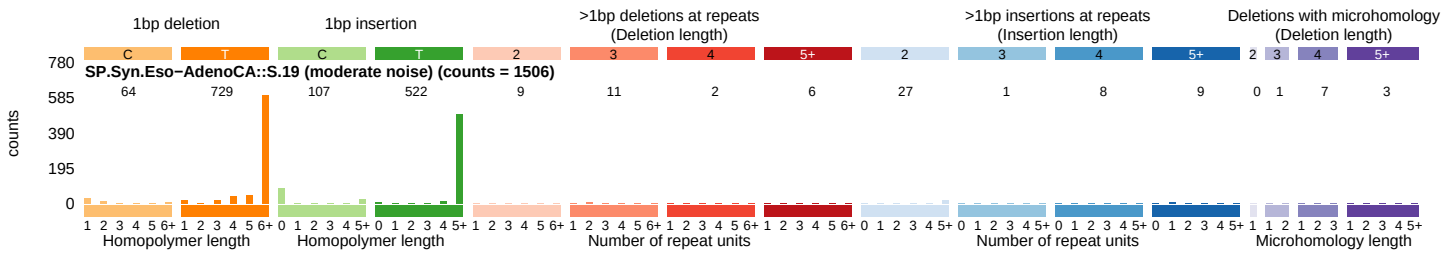
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.18 (moderate noise) (counts = 1245)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
59 609 9 348 43 29 21 21 38 8 7 5 13 11 13 11
counts
412 309 206 103 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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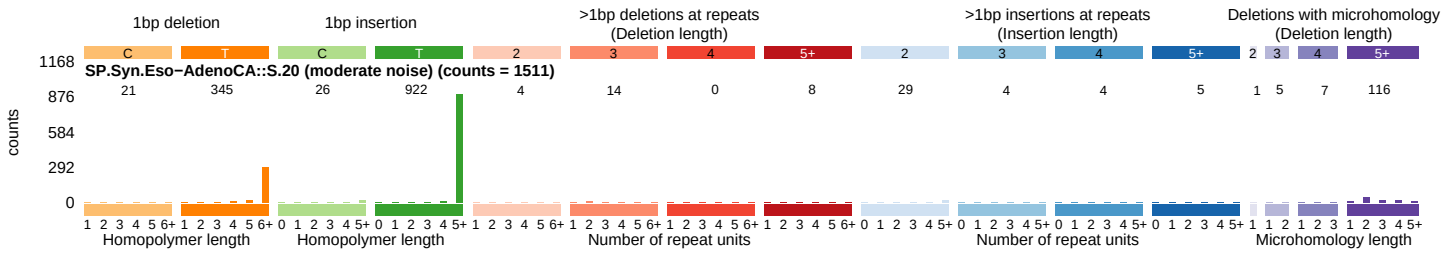
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.19 (moderate noise) (counts = 1506)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
64 729 107 522 9 11 2 6 27 1 8 9 0 1 7 3
counts
780 585 390 195 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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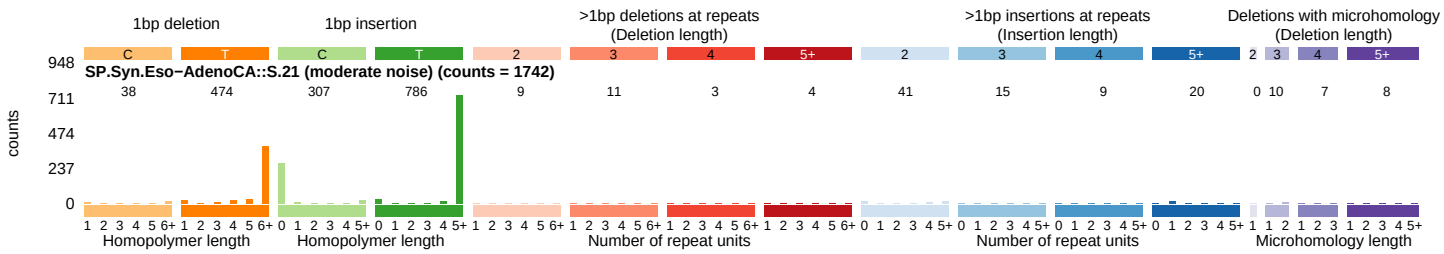
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.20 (moderate noise) (counts = 1511)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
21 345 26 922 4 14 0 8 29 4 4 5 1 5 7 116
counts
1168 876 584 292 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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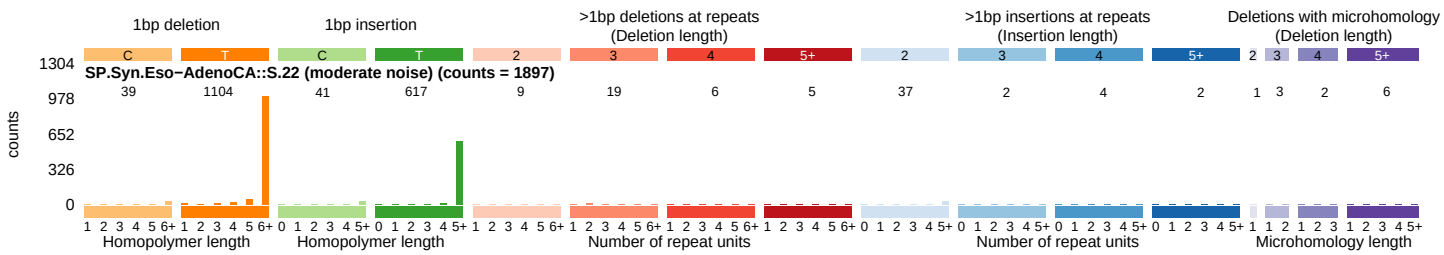
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.21 (moderate noise) (counts = 1742)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
38 474 307 786 9 11 3 4 41 15 9 20 0 10 7 8
counts
948 711 474 237 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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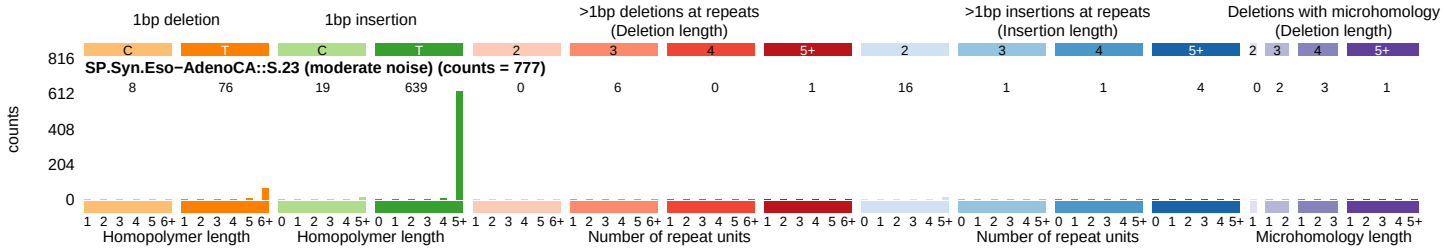
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.22 (moderate noise) (counts = 1897)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
39 1104 41 617 9 19 6 5 37 2 4 2 1 3 2 6
counts
1304 978 652 326 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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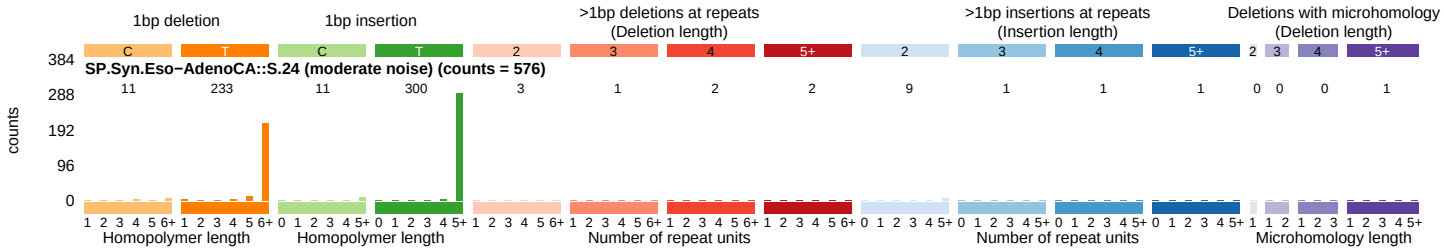
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.23 (moderate noise) (counts = 777)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
8 76 19 639 0 6 0 1 16 1 1 4 0 2 3 1
counts
816 612 408 204 0
Homopolymer length
Number of repeat units
Microhomology length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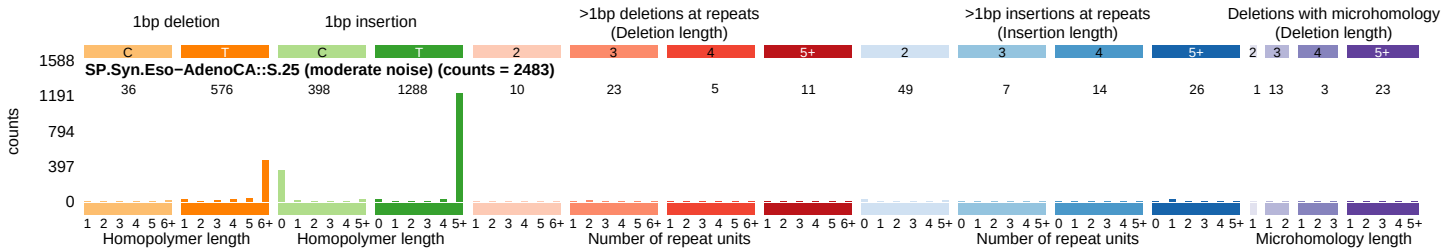
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.24 (moderate noise) (counts = 576)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
11 233 11 300 3 1 2 2 9 1 1 1 0 0 0 1
counts
384 288 192 96 0
Homopolymer length
Number of repeat units
Microhomology length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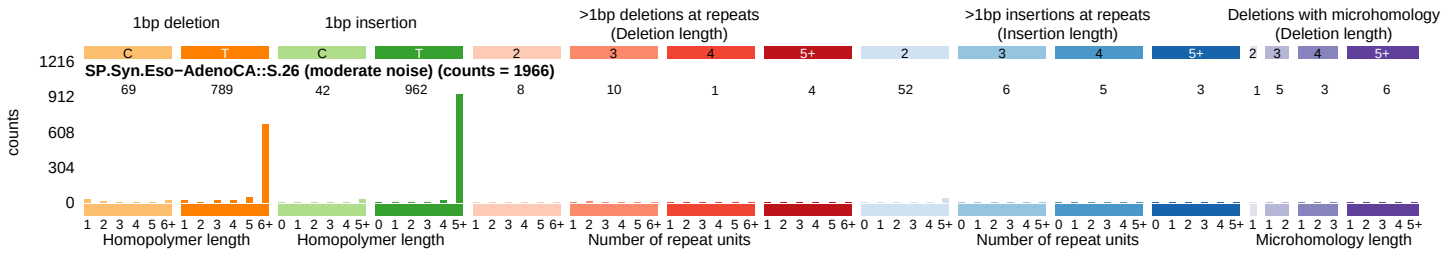
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.25 (moderate noise) (counts = 2483)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
36 576 398 1288 10 23 5 11 49 7 14 26 1 13 3 23
counts
1588 1191 794 397 0
Homopolymer length
Number of repeat units
Microhomology length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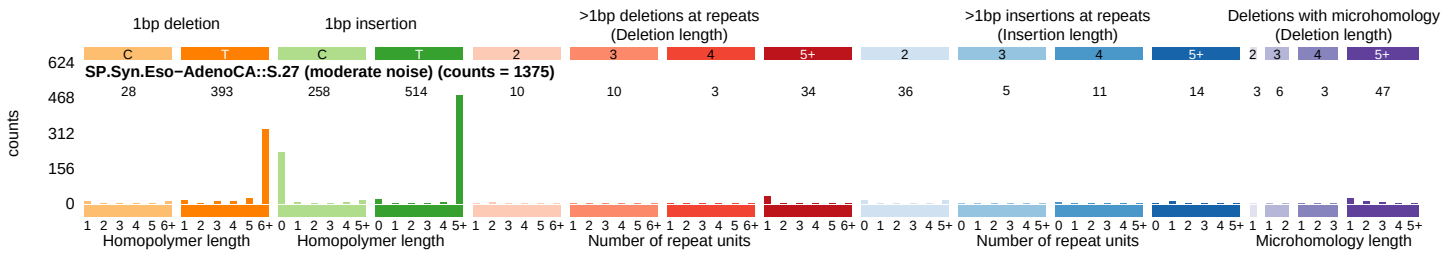
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.26 (moderate noise) (counts = 1966)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
69 789 42 962 8 10 1 4 52 6 5 3 1 5 3 6
counts
1216 912 608 304 0
Homopolymer length
Number of repeat units
Microhomology length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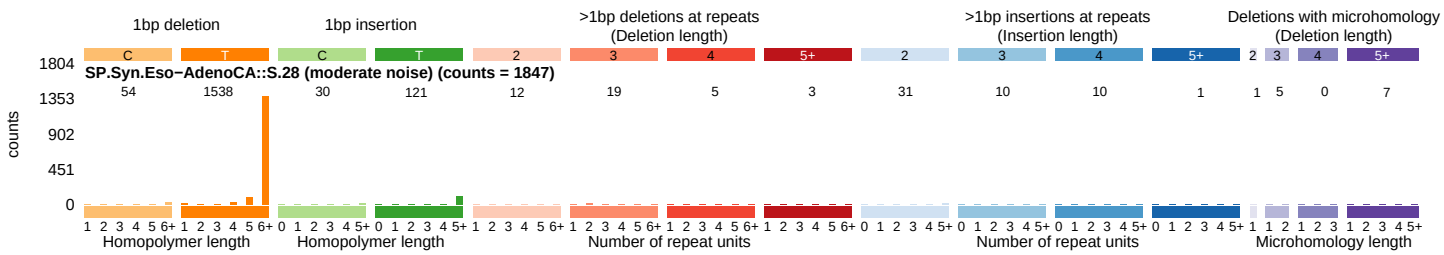
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.27 (moderate noise) (counts = 1375)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
28 393 258 514 10 10 3 34 36 5 11 14 3 6 3 47
counts
624 468 312 156 0
Homopolymer length
Number of repeat units
Microhomology length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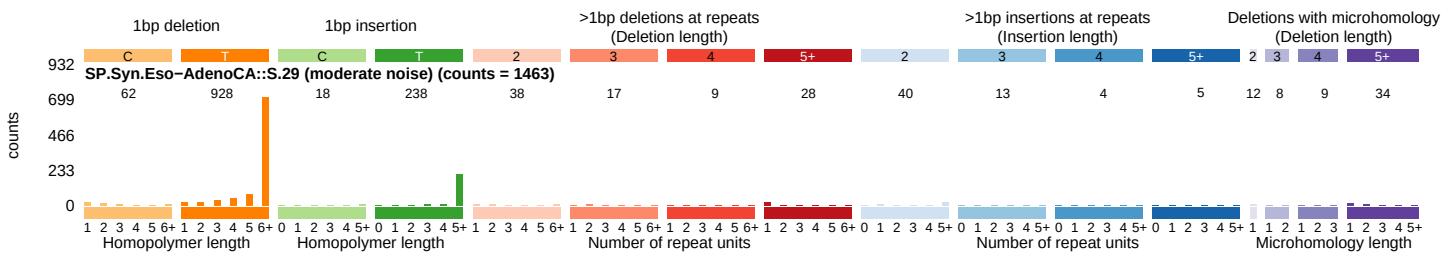
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.28 (moderate noise) (counts = 1847)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
54 1538 30 121 12 19 5 3 31 10 10 1 1 5 0 7
counts
1804 1353 902 451 0
Homopolymer length
Number of repeat units
Microhomology length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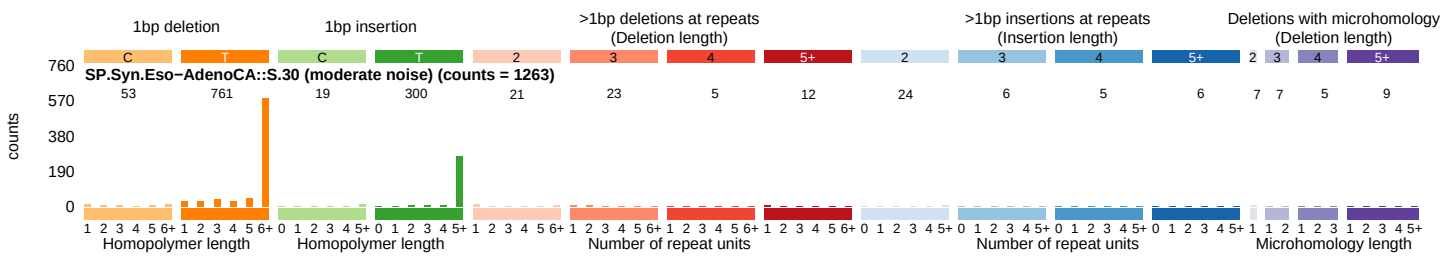
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.29 (moderate noise) (counts = 1463)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
62 928 18 238 38 17 9 28 40 13 4 5 12 8 9 34
counts
932 699 466 233 0
Homopolymer length
Number of repeat units
Microhomology length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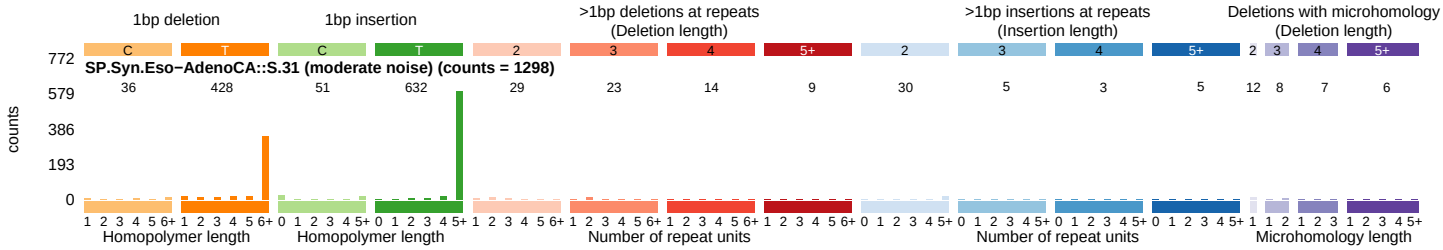
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.30 (moderate noise) (counts = 1263)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
53 761 19 300 21 23 5 12 24 6 5 6 7 7 5 9
counts
760 570 380 190 0
Homopolymer length
Number of repeat units
Microhomology length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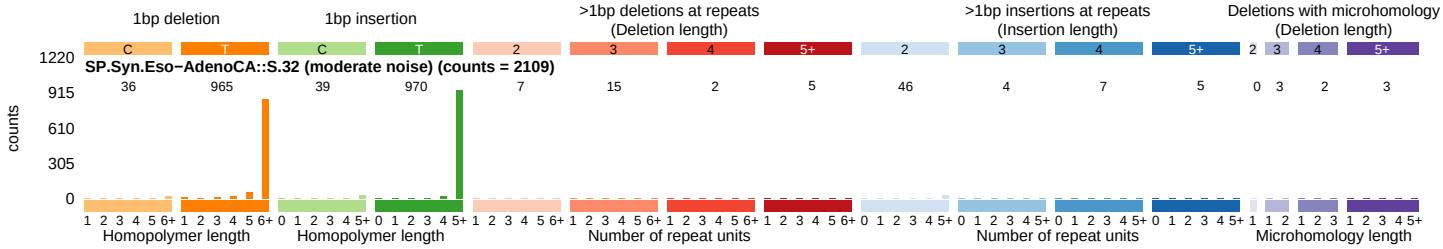
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.31 (moderate noise) (counts = 1298)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
36 428 51 632 29 23 14 9 30 5 3 5 12 8 7 6
counts
772 579 386 193 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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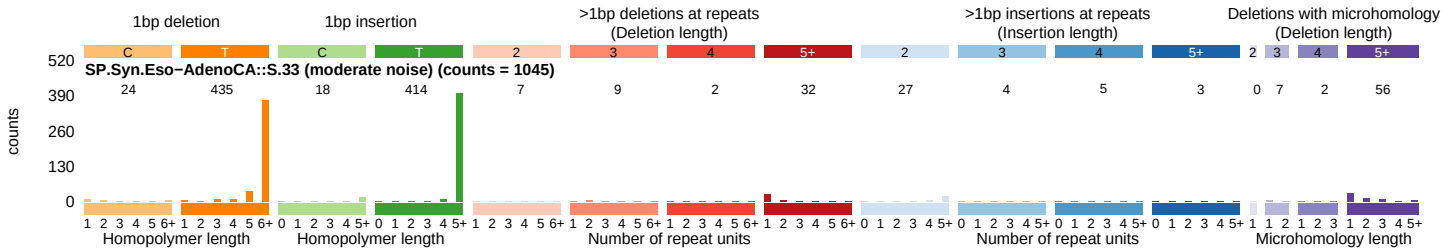
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.32 (moderate noise) (counts = 2109)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
36 965 39 970 7 15 2 5 46 4 7 5 0 3 2 3
counts
1220 915 610 305 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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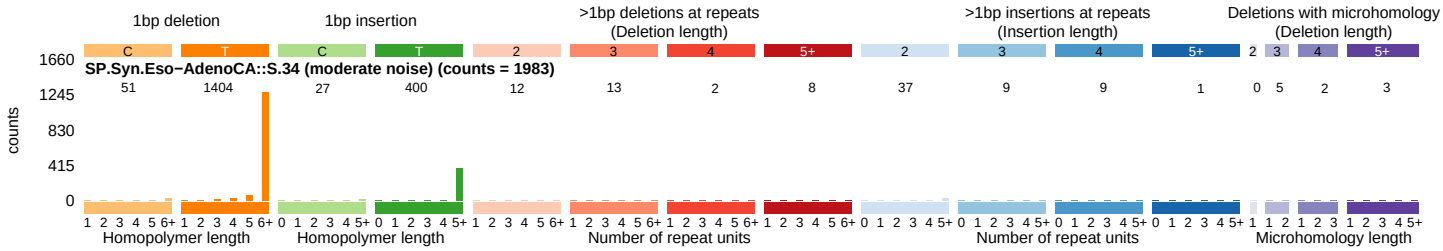
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.33 (moderate noise) (counts = 1045)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
24 435 18 414 7 9 2 32 27 4 5 3 0 7 2 56
counts
520 390 260 130 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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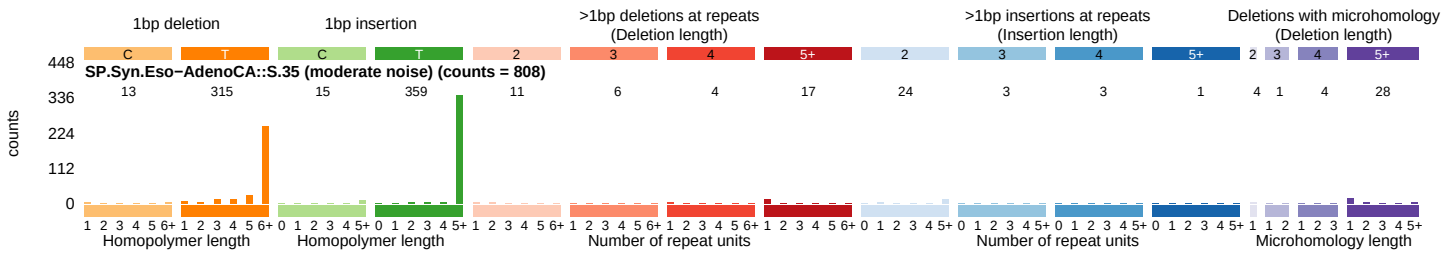
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.34 (moderate noise) (counts = 1983)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
51 1404 27 400 12 13 2 8 37 9 9 1 0 5 2 3
counts
1660 1245 830 415 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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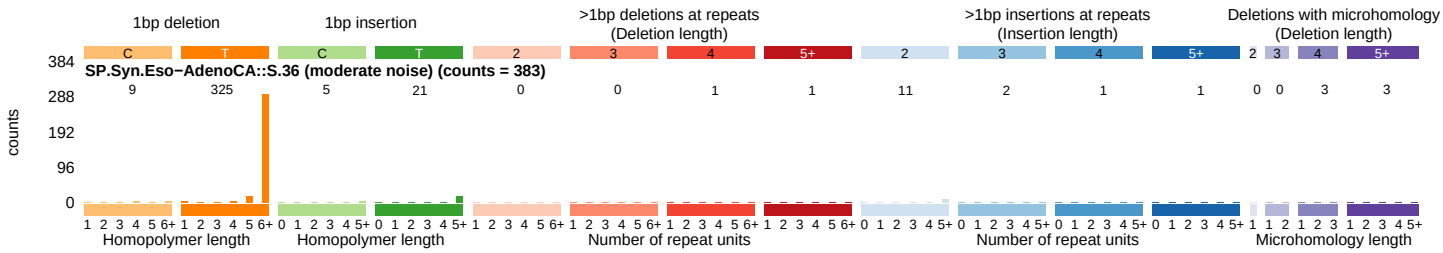
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.35 (moderate noise) (counts = 808)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
13 315 15 359 11 6 4 17 24 3 3 1 4 1 4 28
counts
448 336 224 112 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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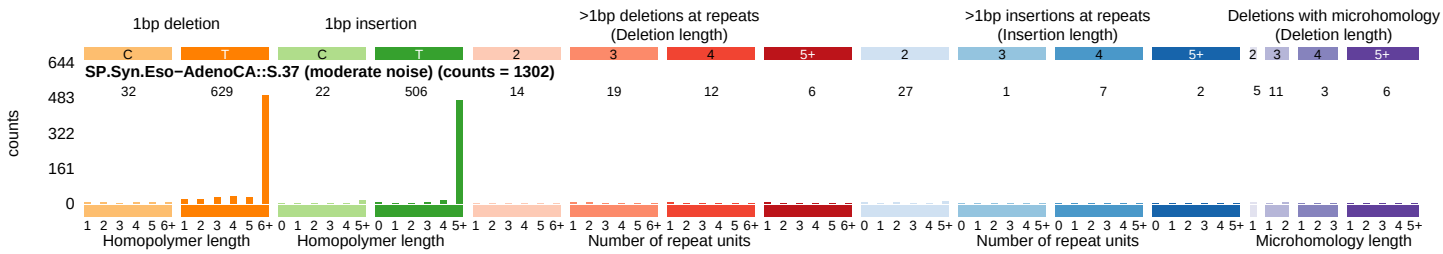
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.36 (moderate noise) (counts = 383)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
9 325 5 21 0 0 1 1 11 2 1 1 0 0 3 3
counts
384 288 192 96 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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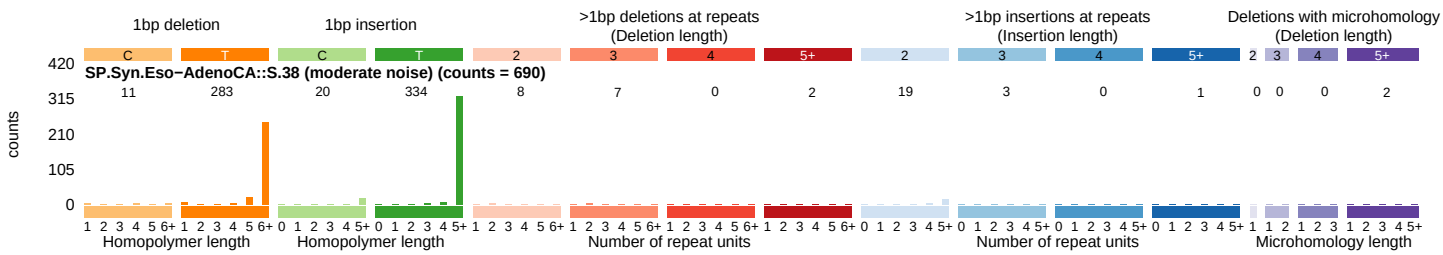
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.37 (moderate noise) (counts = 1302)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
32 629 22 506 14 19 12 6 27 1 7 2 5 11 3 6
counts
644 483 322 161 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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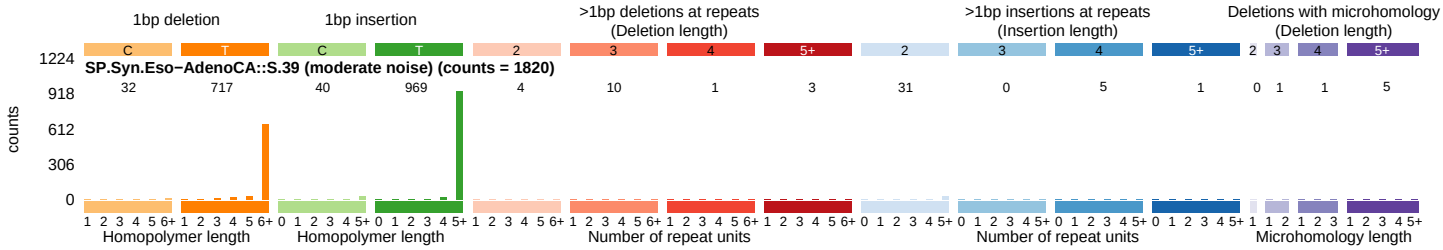
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.38 (moderate noise) (counts = 690)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
11 283 20 334 8 7 0 2 19 3 0 1 0 0 0 2
counts
420 315 210 105 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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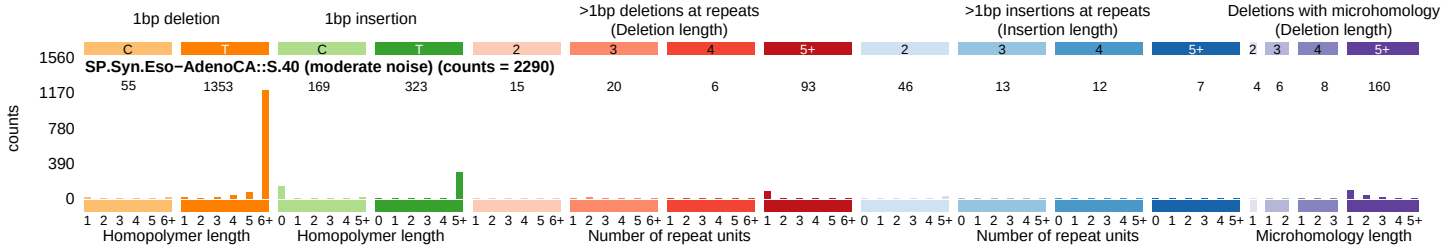
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.39 (moderate noise) (counts = 1820)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
32 717 40 969 4 10 1 3 31 0 5 1 0 1 1 5
counts
1224 918 612 306 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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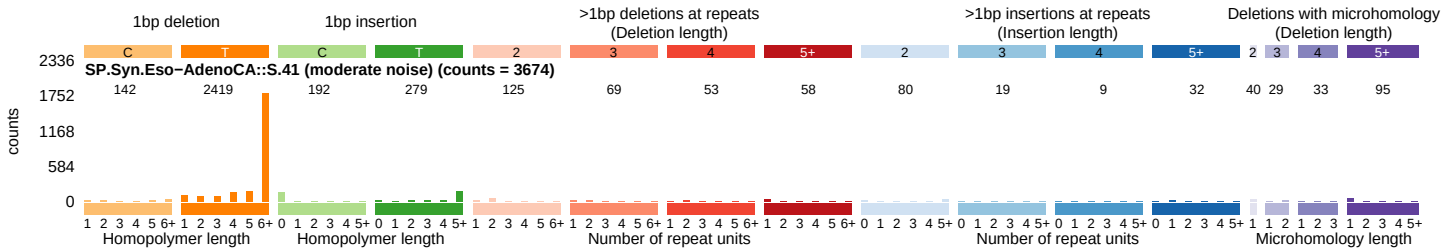
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.40 (moderate noise) (counts = 2290)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
55 1353 169 323 15 20 6 93 46 13 12 7 4 6 8 160
counts
1560 1170 780 390 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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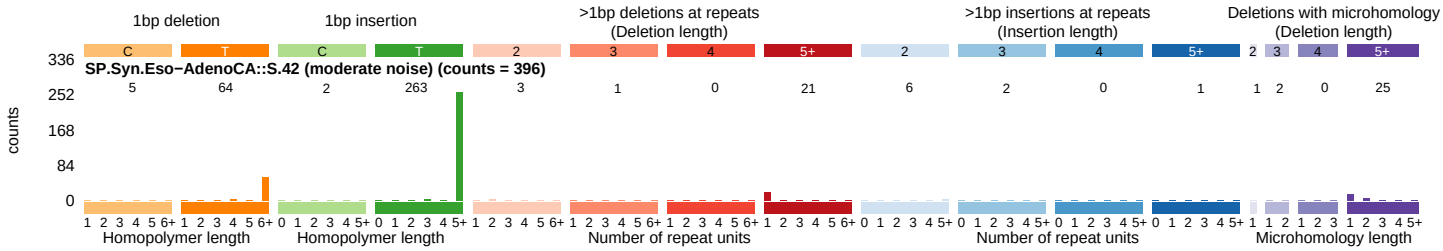
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.41 (moderate noise) (counts = 3674)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
142 2419 192 279 125 69 53 58 80 19 9 32 40 29 33 95
counts
2336 1752 1168 584 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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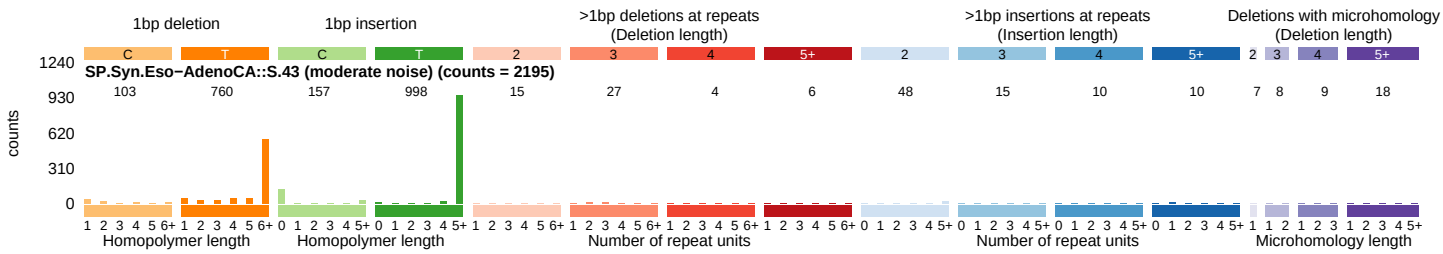
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.42 (moderate noise) (counts = 396)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
5 64 2 263 3 1 0 21 6 2 0 1 1 2 0 25
counts
336 252 168 84 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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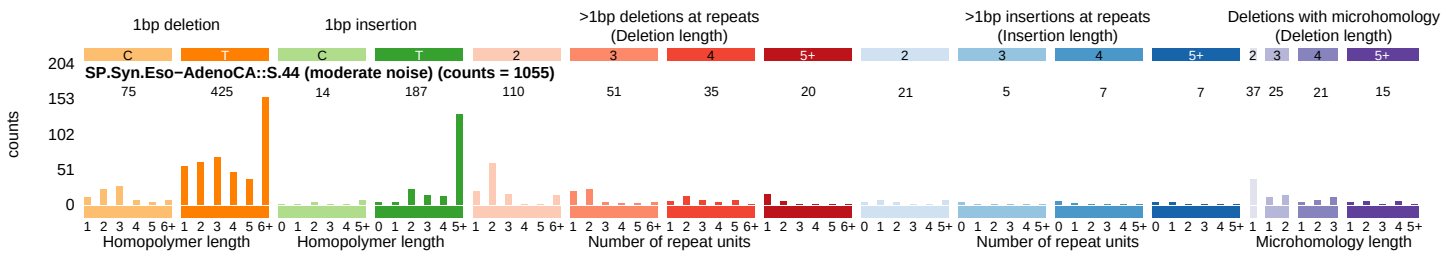
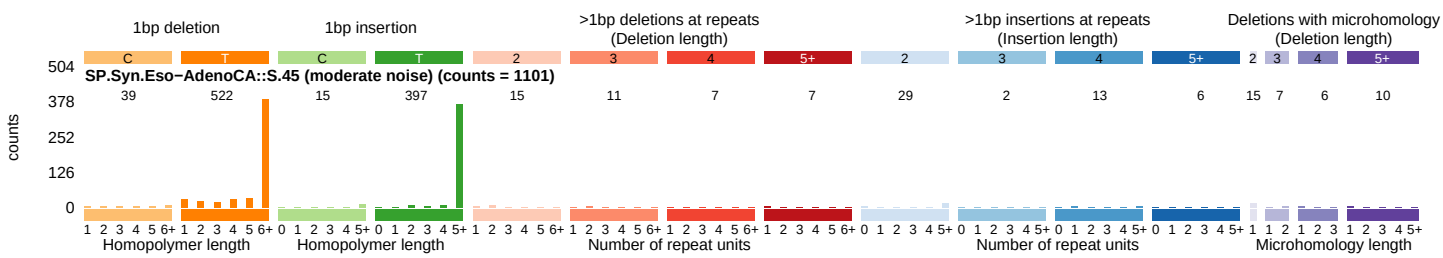
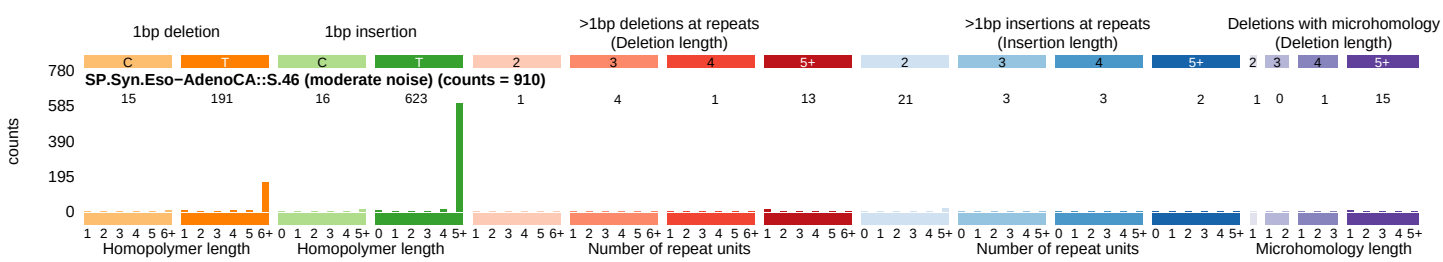
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.43 (moderate noise) (counts = 2195)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
103 760 157 998 15 27 4 6 48 15 10 10 7 8 9 18
counts
1240 930 620 310 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.44 (moderate noise) (counts = 1055)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
75 425 14 187 110 51 35 20 21 5 7 7 37 25 21 15
counts
204 153 102 51 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.45 (moderate noise) (counts = 1101)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
39 522 15 397 15 11 7 7 29 2 13 6 15 7 6 10
counts
504 378 252 126 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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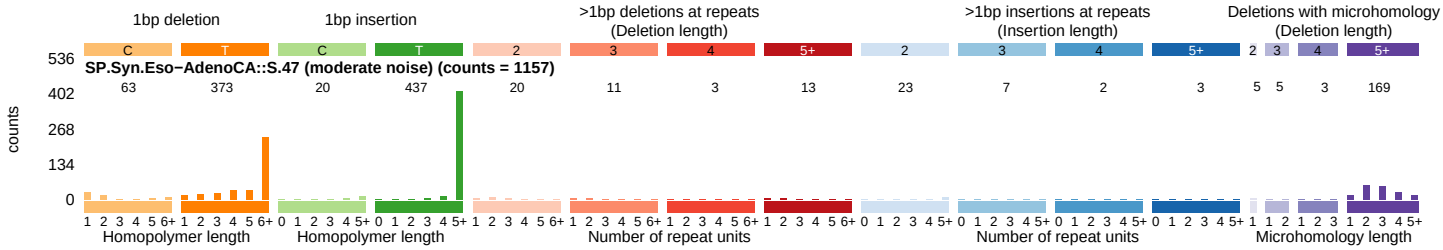
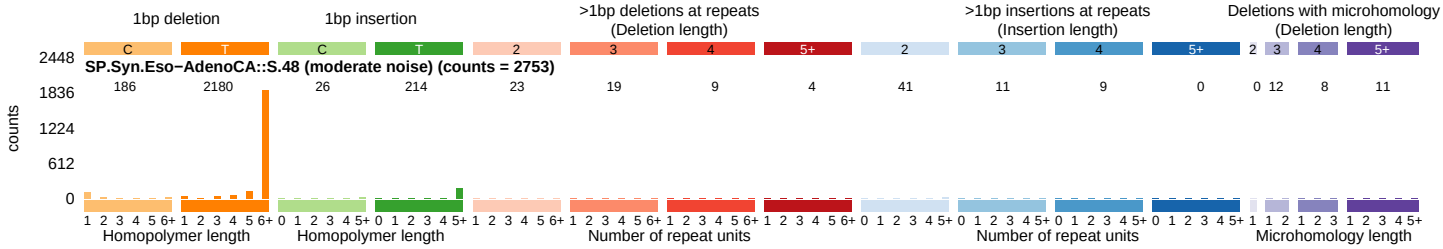
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.46 (moderate noise) (counts = 910)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
15 191 16 623 1 4 1 13 21 3 3 2 1 0 1 15
counts
780 585 390 195 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.47 (moderate noise) (counts = 1157)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
63 373 20 437 20 11 3 13 23 7 2 3 5 5 3 169
counts
536 402 268 134 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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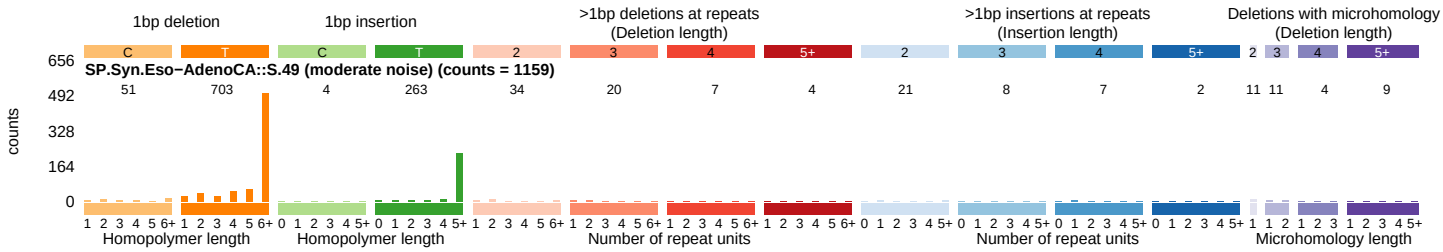
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.48 (moderate noise) (counts = 2753)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
186 2180 26 214 23 19 9 4 41 11 9 0 0 12 8 11
counts
2448 1836 1224 612 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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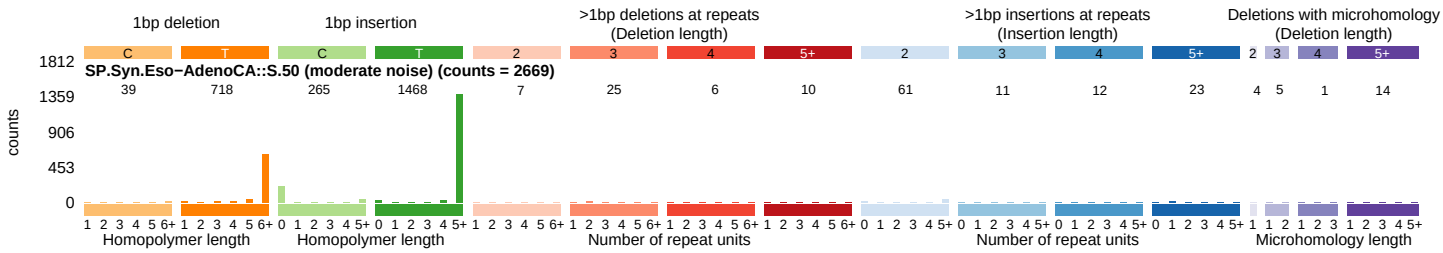
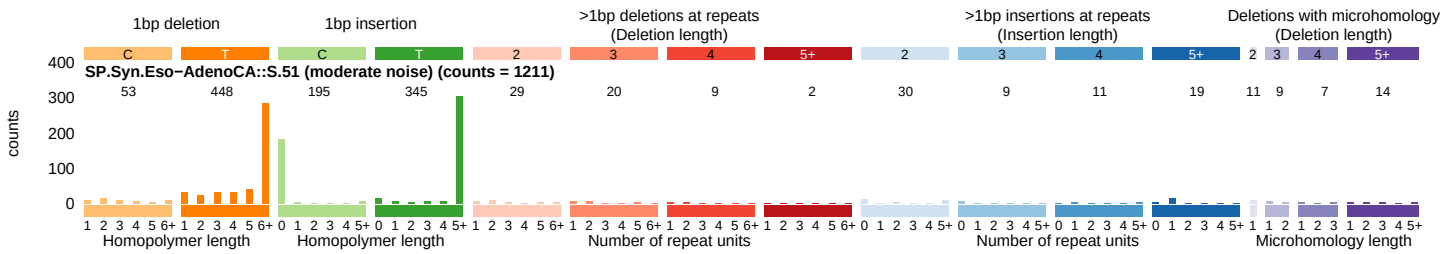
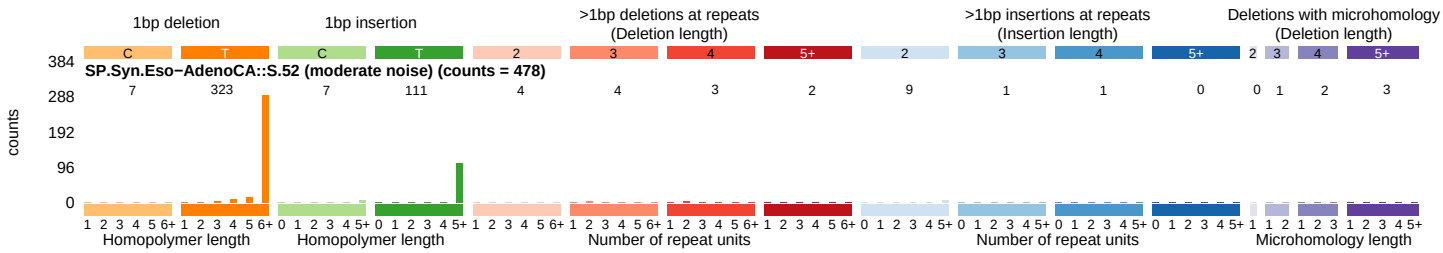
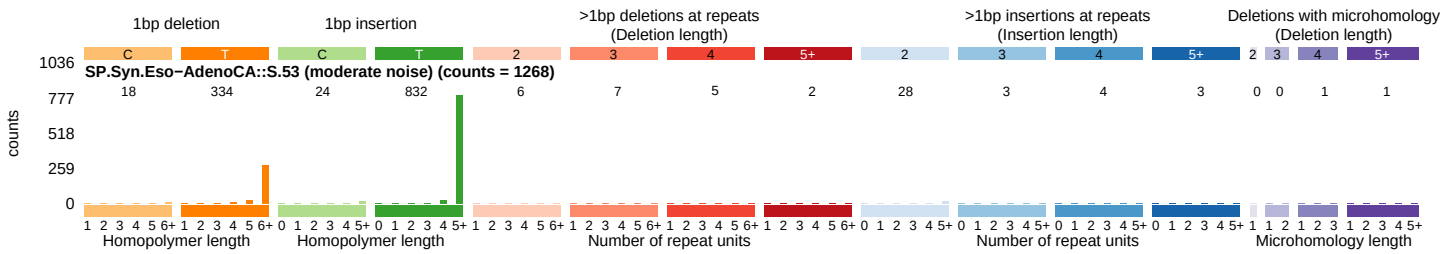
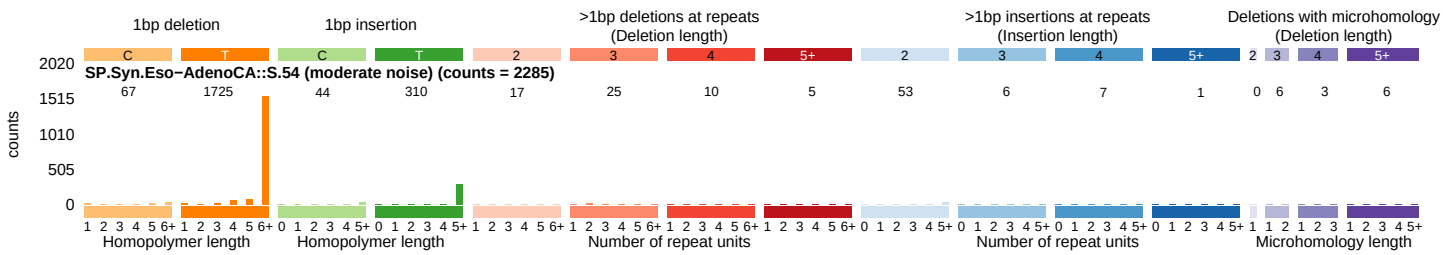
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.49 (moderate noise) (counts = 1159)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
51 703 4 263 34 20 7 4 21 8 7 2 11 11 4 9
counts
656 492 328 164 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

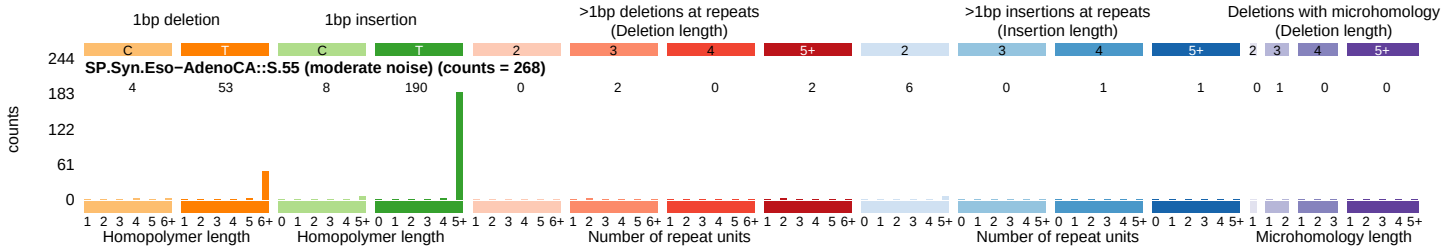

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.50 (moderate noise) (counts = 2669)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
39 718 265 1468 7 25 6 10 61 11 12 23 4 5 1 14
counts
1812 1359 906 453 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

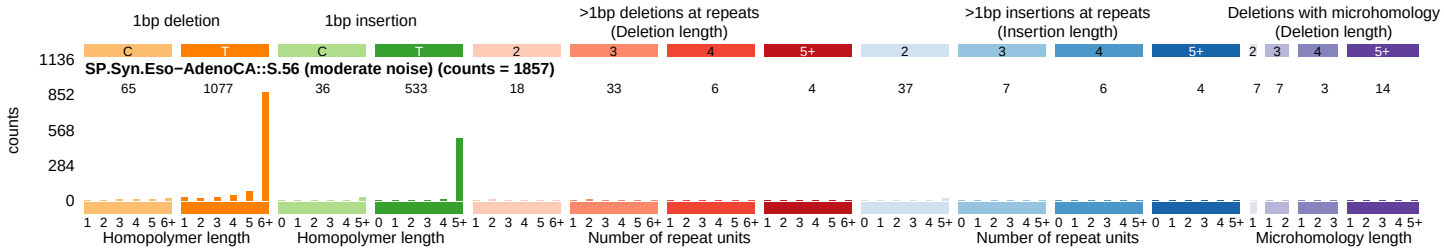

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.51 (moderate noise) (counts = 1211)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
53 448 195 345 29 20 9 2 30 9 11 19 11 9 7 14
counts
400 300 200 100 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

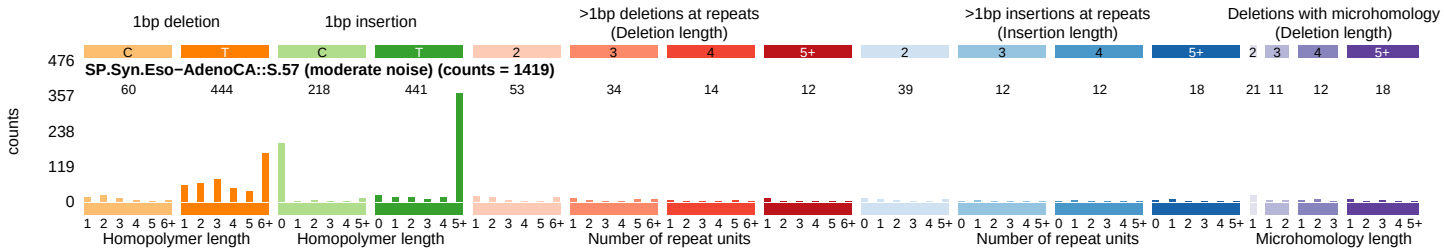

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.52 (moderate noise) (counts = 478)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
7 323 7 111 4 4 3 2 9 1 1 0 0 1 2 3
counts
384 288 192 96 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

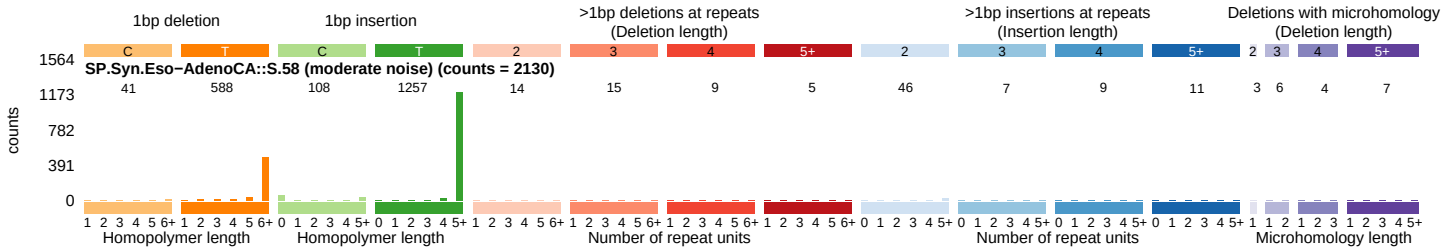

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.53 (moderate noise) (counts = 1268)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
18 334 24 832 6 7 5 2 28 3 4 3 0 0 1 1
counts
1036 777 518 259 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

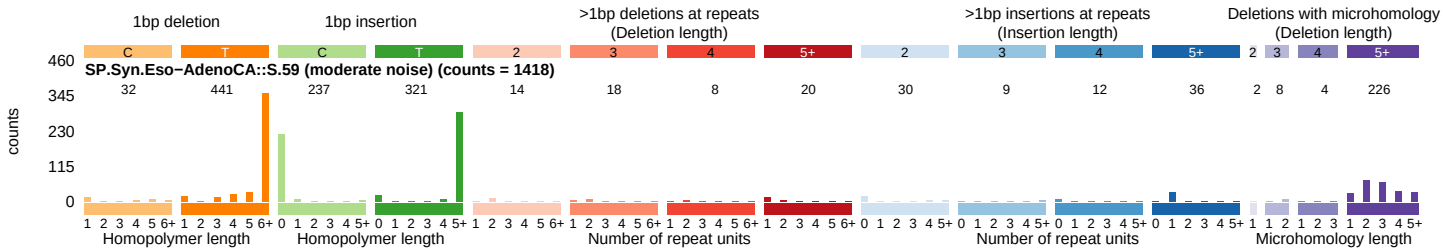

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.54 (moderate noise) (counts = 2285)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
67 1725 44 310 17 25 10 5 53 6 7 1 0 6 3 6
counts
2020 1515 1010 505 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

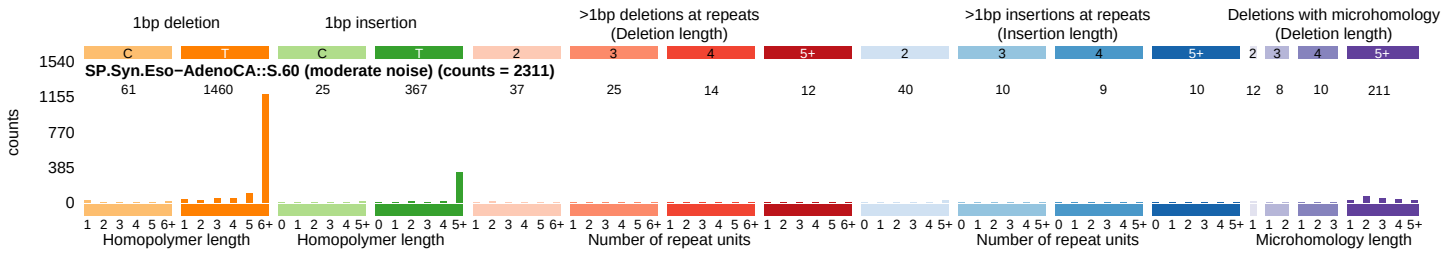

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.55 (moderate noise) (counts = 268)
counts
Homopolymer length
Number of repeat units
Microhomology length

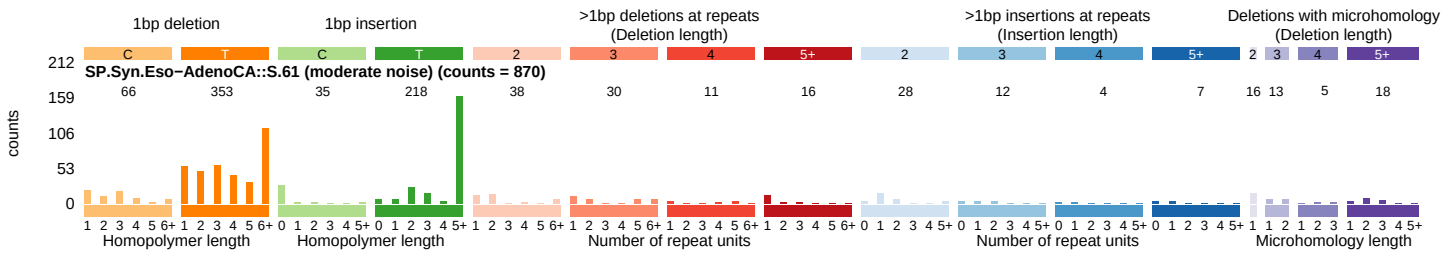

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.56 (moderate noise) (counts = 1857)
counts
Homopolymer length
Number of repeat units
Microhomology length

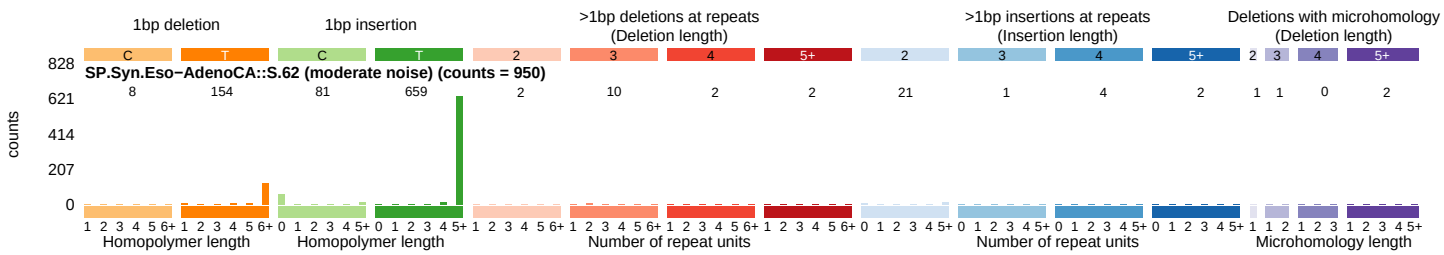

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.57 (moderate noise) (counts = 1419)
counts
Homopolymer length
Number of repeat units
Microhomology length

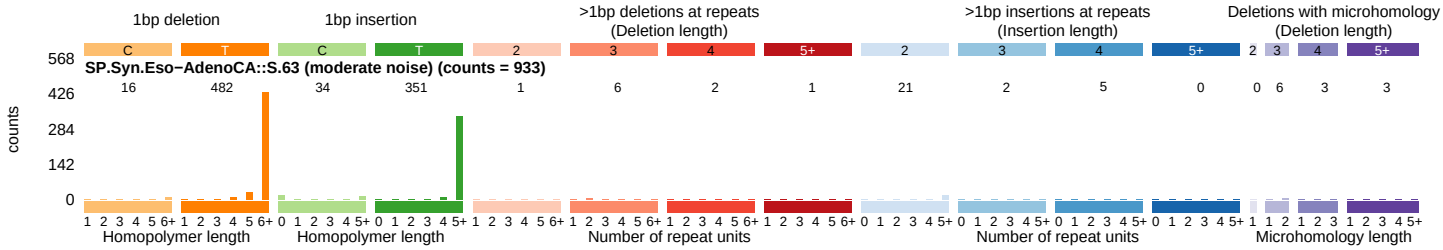

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.58 (moderate noise) (counts = 2130)
counts
Homopolymer length
Number of repeat units
Microhomology length

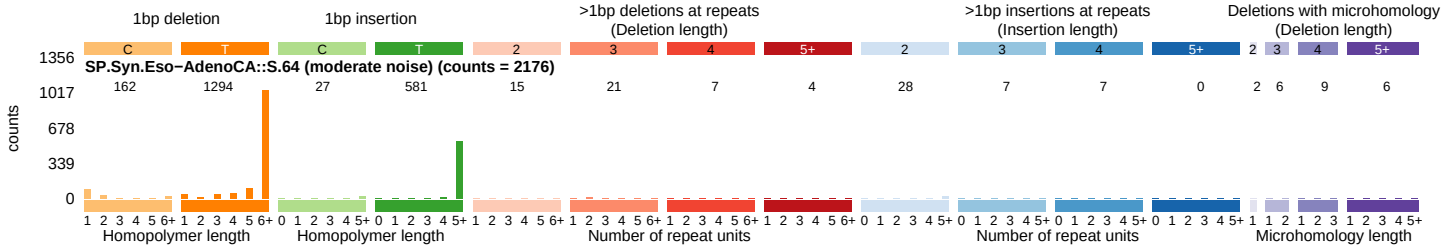

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.59 (moderate noise) (counts = 1418)
counts
Homopolymer length
Number of repeat units
Microhomology length

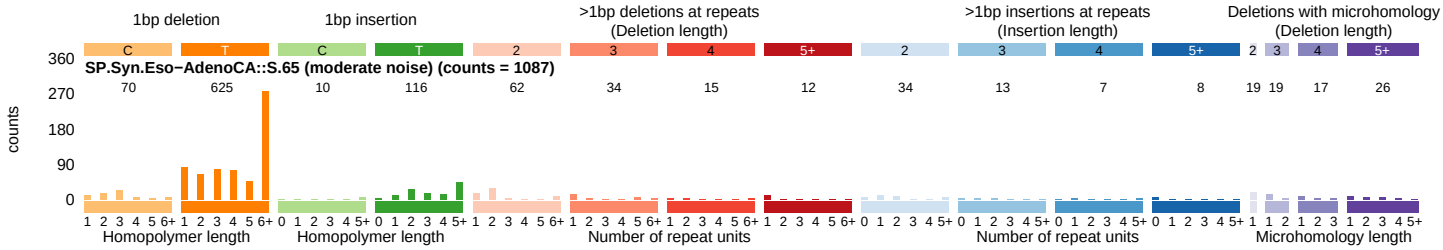

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.60 (moderate noise) (counts = 2311)
counts
Homopolymer length
Number of repeat units
Microhomology length

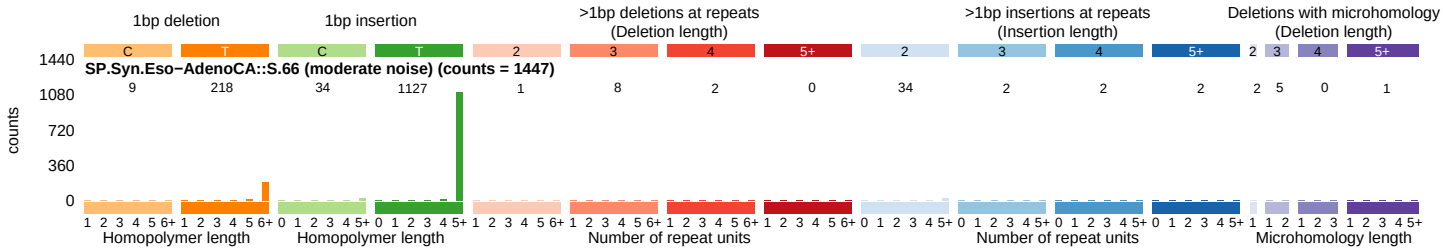

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.61 (moderate noise) (counts = 870)
counts
Homopolymer length
Number of repeat units
Microhomology length

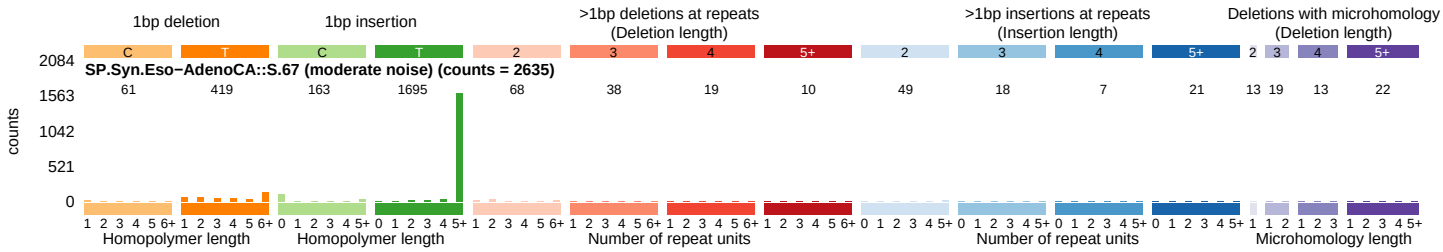

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.62 (moderate noise) (counts = 950)
counts
Homopolymer length
Number of repeat units
Microhomology length

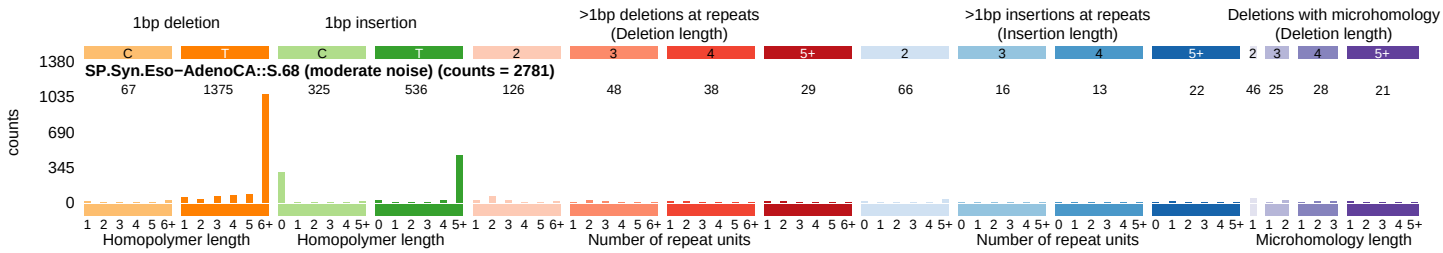

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.63 (moderate noise) (counts = 933)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
16 482 34 351 1 6 2 1 21 2 5 0 0 6 3 3
counts
568 426 284 142 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

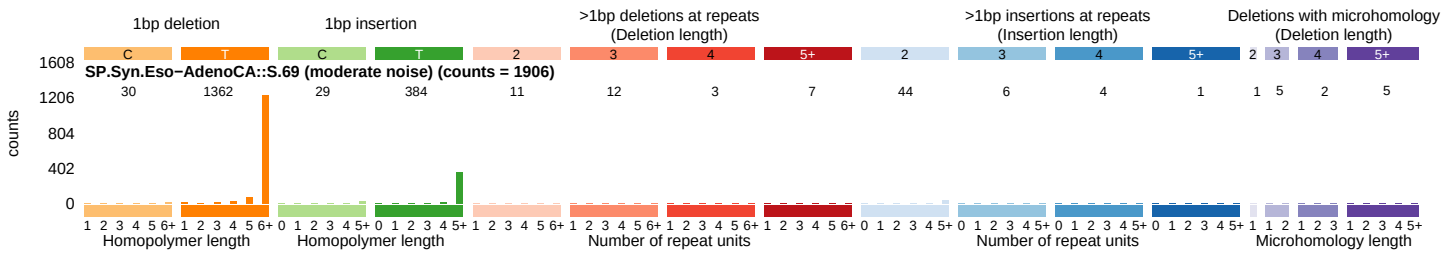

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.64 (moderate noise) (counts = 2176)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
162 1294 27 581 15 21 7 4 28 7 7 0 2 6 9 6
counts
1356 1017 678 339 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

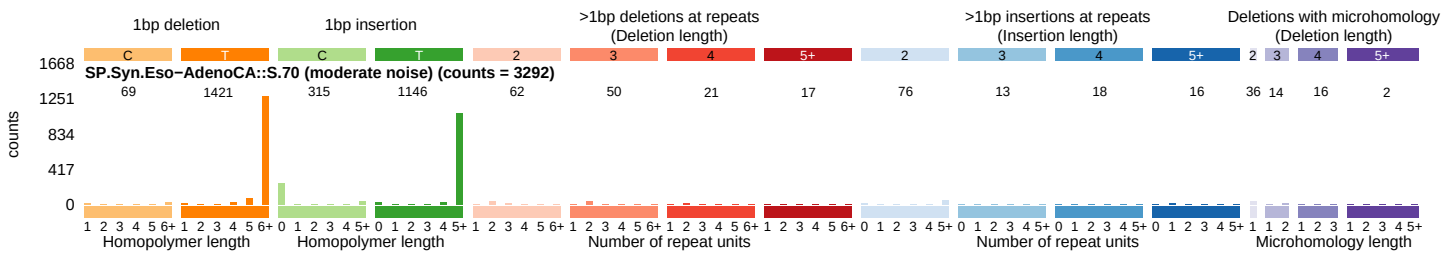

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.65 (moderate noise) (counts = 1087)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
70 625 10 116 62 34 15 12 34 13 7 8 19 19 17 26
counts
360 270 180 90 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

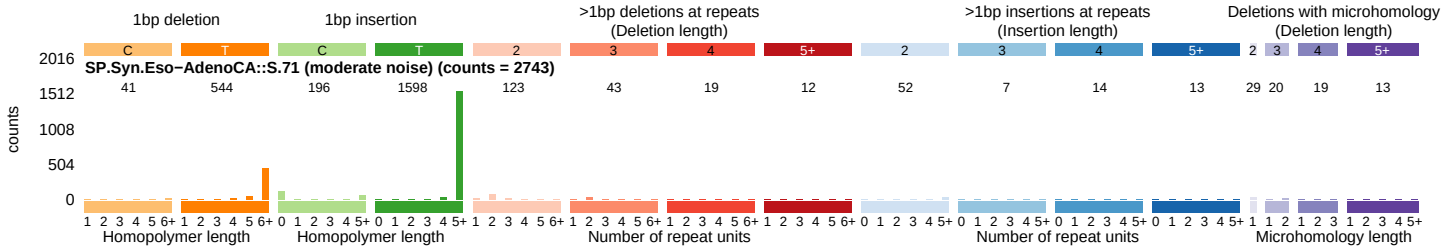

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.66 (moderate noise) (counts = 1447)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
9 218 34 1127 1 8 2 0 34 2 2 2 2 5 0 1
counts
1440 1080 720 360 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

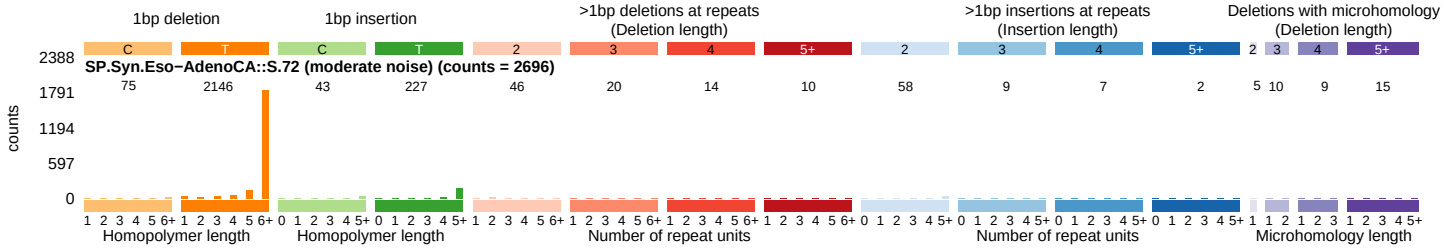

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.67 (moderate noise) (counts = 2635)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
61 419 163 1695 68 38 19 10 49 18 7 21 13 19 13 22
counts
2084 1563 1042 521 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

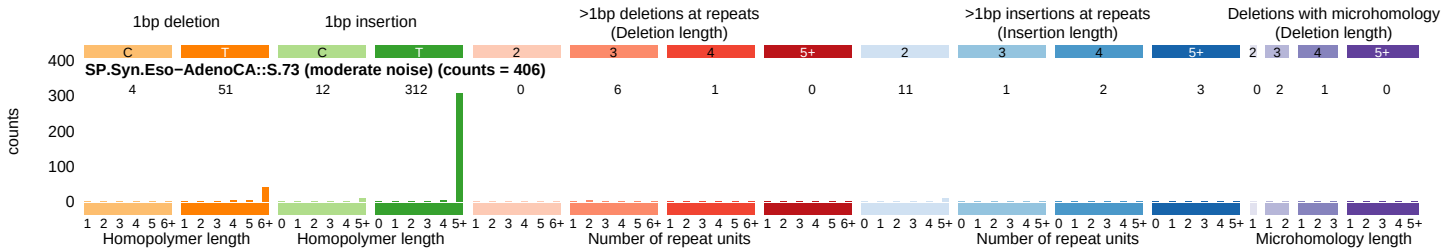

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.68 (moderate noise) (counts = 2781)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
67 1375 325 536 126 48 38 29 66 16 13 22 46 25 28 21
counts
1380 1035 690 345 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

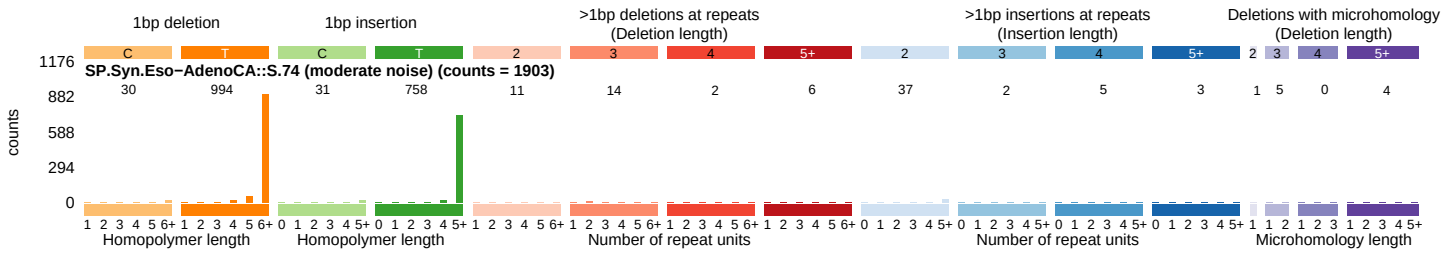

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.69 (moderate noise) (counts = 1906)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
30 1362 29 384 11 12 3 7 44 6 4 1 1 5 2 5
counts
1608 1206 804 402 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.70 (moderate noise) (counts = 3292)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
69 1421 315 1146 62 50 21 17 76 13 18 16 36 14 16 2
counts
1668 1251 834 417 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion 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.71 (moderate noise) (counts = 2743)
41 544 196 1598 123 43 19 12 52 7 14 13 29 20 19 13
counts
2016 1512 1008 504 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion 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.72 (moderate noise) (counts = 2696)
75 2146 43 227 46 20 14 10 58 9 7 2 5 10 9 15
counts
2388 1791 1194 597 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion 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.73 (moderate noise) (counts = 406)
4 51 12 312 0 6 1 0 11 1 2 3 0 2 1 0
counts
400 300 200 100 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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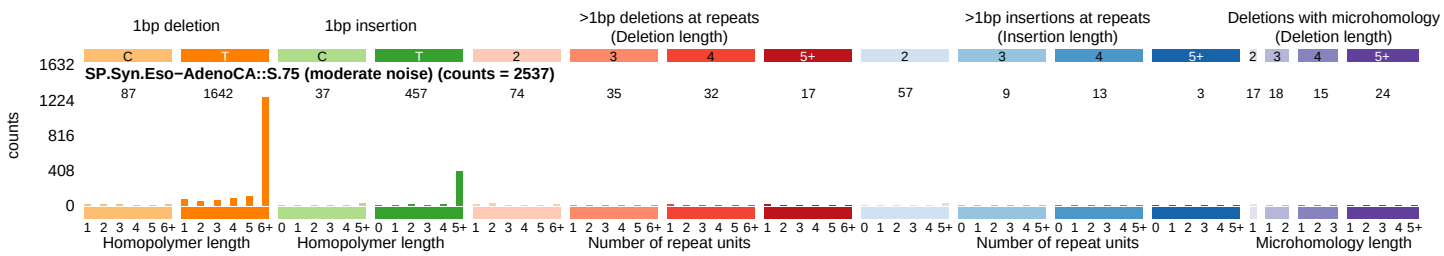
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Eso−AdenoCA::S.74 (moderate noise) (counts = 1903)
30 994 31 758 11 14 2 6 37 2 5 3 1 5 0 4
counts
1176 882 588 294 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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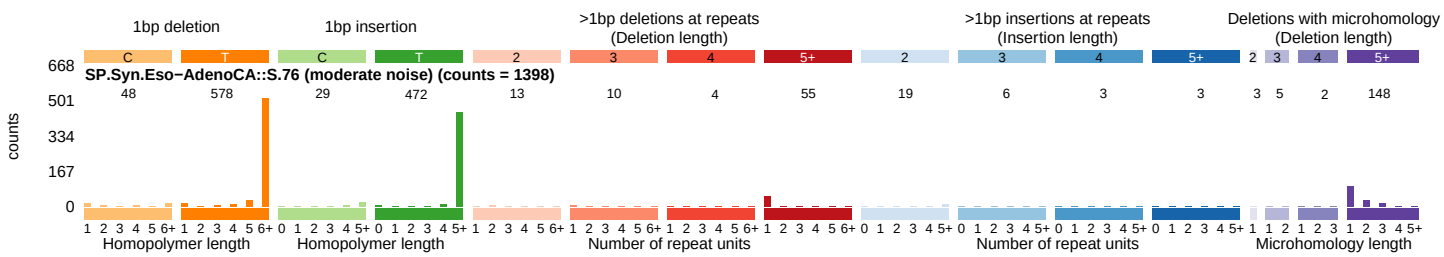
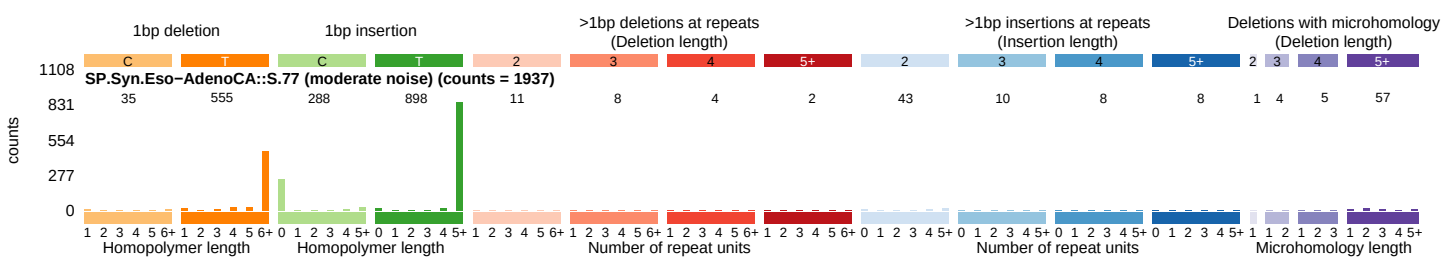
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Eso−AdenoCA::S.75 (moderate noise) (counts = 2537)
87 1642 37 457 74 35 32 17 57 9 13 3 17 18 15 24
counts
1632 1224 816 408 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion 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.76 (moderate noise) (counts = 1398)
48 578 29 472 13 10 4 55 19 6 3 3 3 5 2 148
counts
668 501 334 167 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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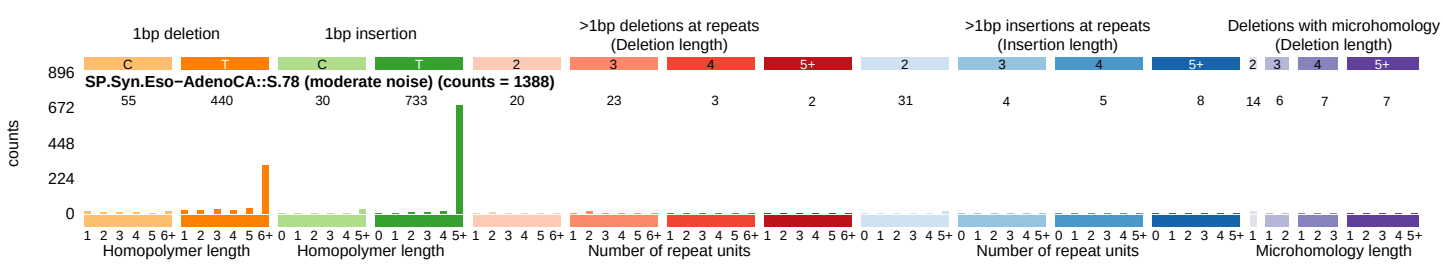
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Eso−AdenoCA::S.77 (moderate noise) (counts = 1937)
35 555 288 898 11 8 4 2 43 10 8 8 1 4 5 57
counts
1108 831 554 277 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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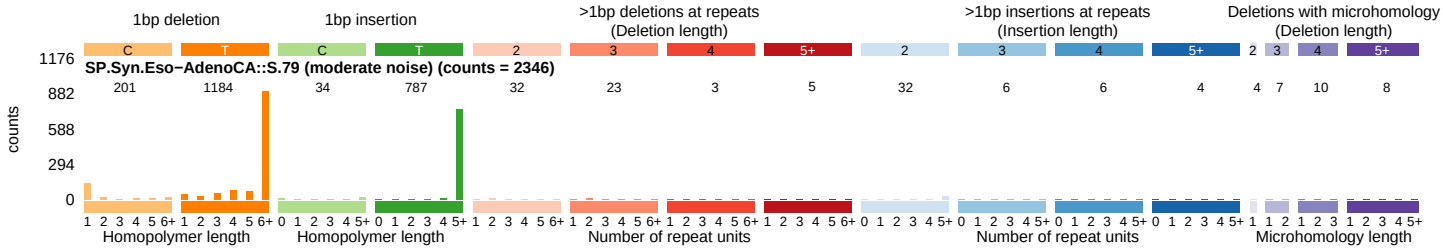
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Eso−AdenoCA::S.78 (moderate noise) (counts = 1388)
55 440 30 733 20 23 3 2 31 4 5 8 14 6 7 7
counts
896 672 448 224 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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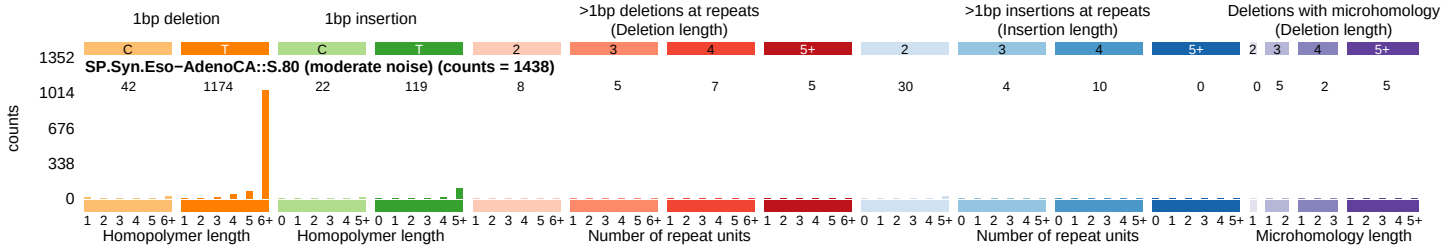
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.79 (moderate noise) (counts = 2346)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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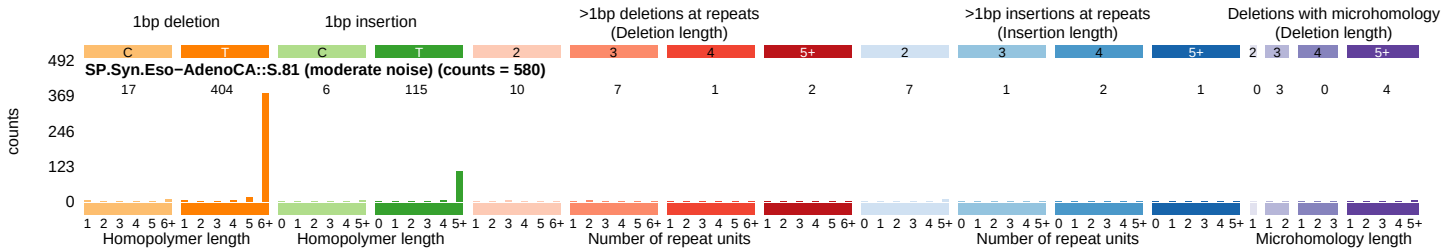
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.80 (moderate noise) (counts = 1438)
counts
Homopolymer length
Number of repeat units
Microhomology length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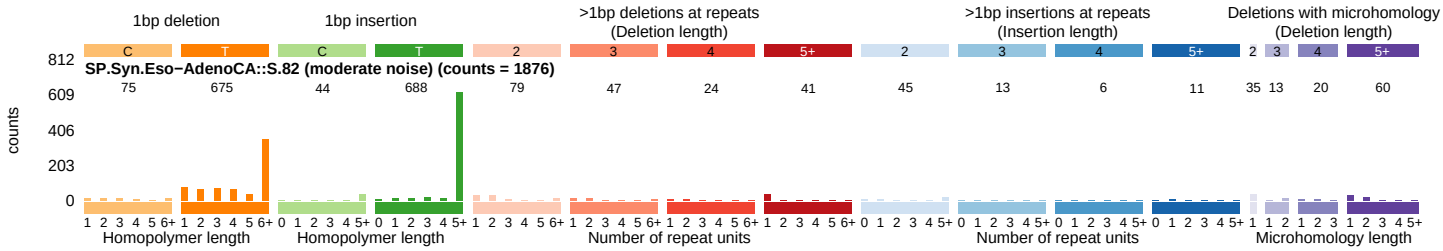
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.81 (moderate noise) (counts = 580)
counts
Homopolymer length
Number of repeat units
Microhomology length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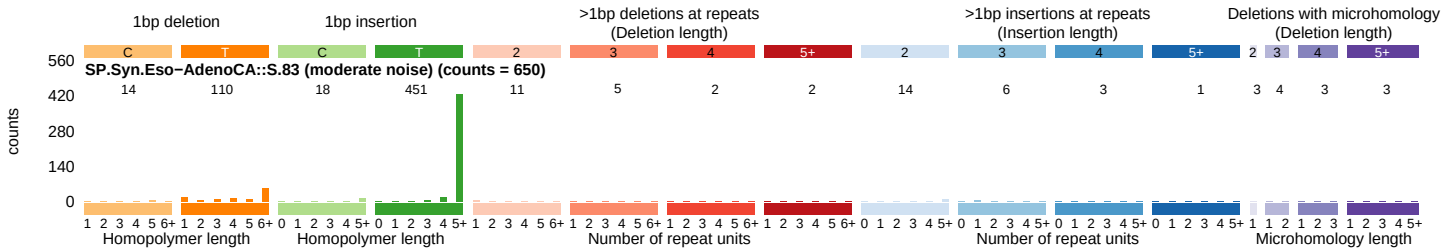
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.82 (moderate noise) (counts = 1876)
counts
Homopolymer length
Number of repeat units
Microhomology length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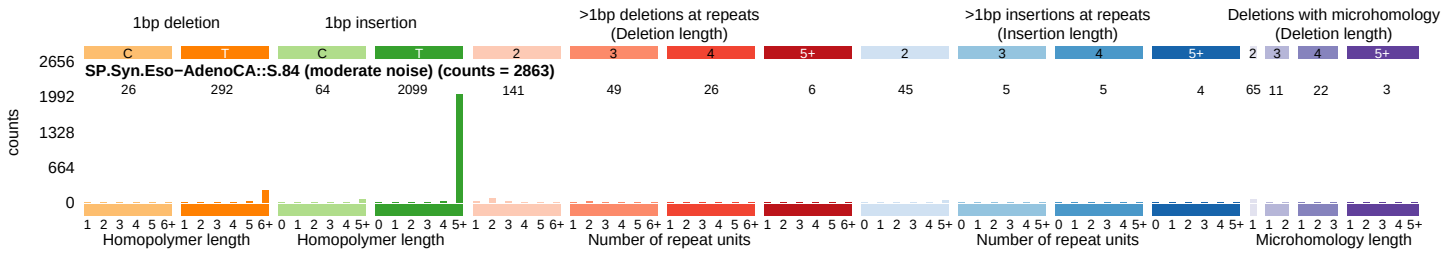
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.83 (moderate noise) (counts = 650)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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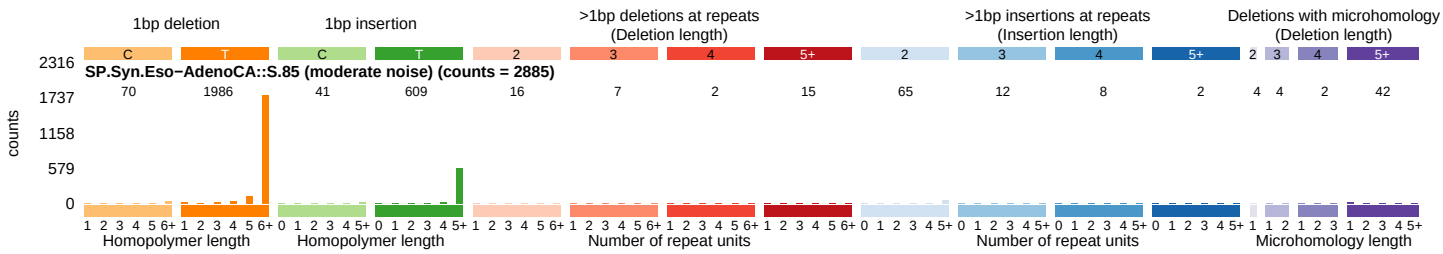
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.84 (moderate noise) (counts = 2863)
counts
Homopolymer length
Number of repeat units
Microhomology length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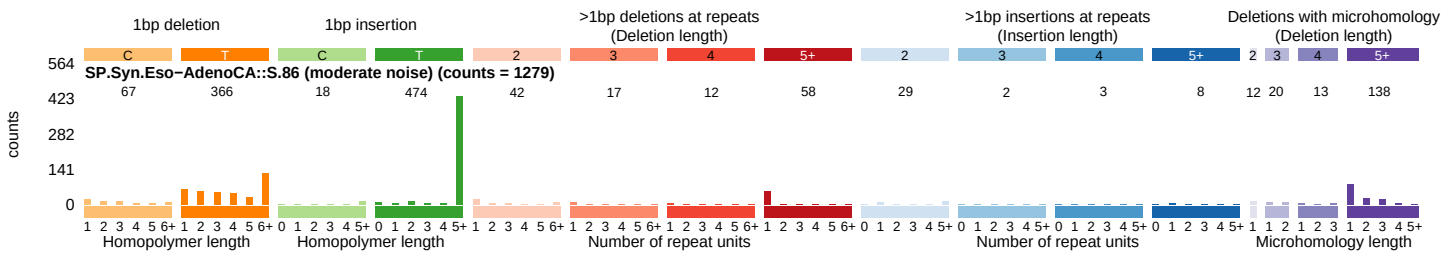
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.85 (moderate noise) (counts = 2885)
counts
Homopolymer length
Number of repeat units
Microhomology length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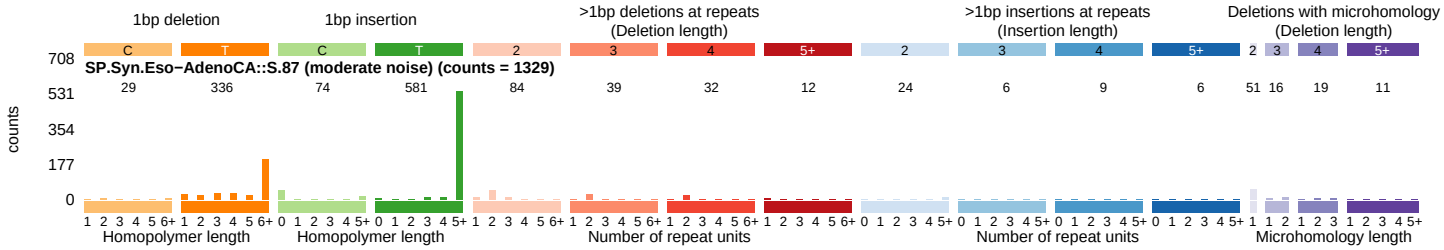
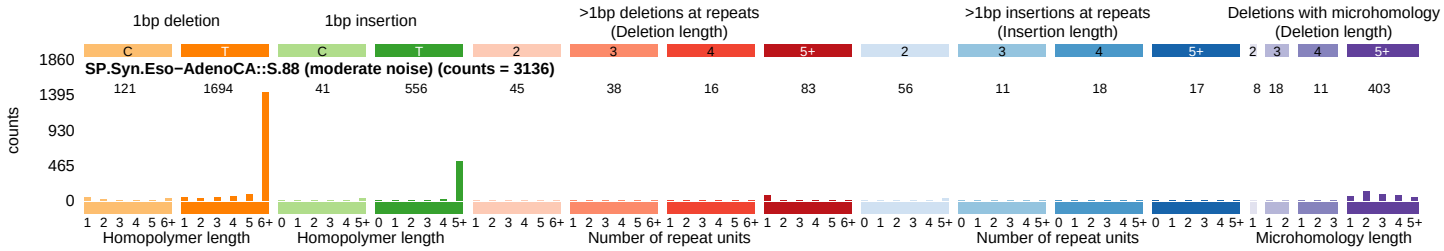
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.86 (moderate noise) (counts = 1279)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.87 (moderate noise) (counts = 1329)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
29 336 74 581 84 39 32 12 24 6 9 6 51 16 19 11
counts
708 531 354 177 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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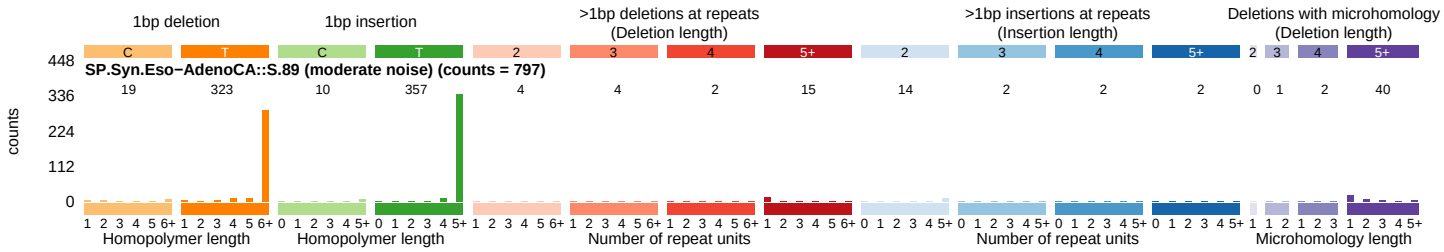
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.88 (moderate noise) (counts = 3136)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
121 1694 41 556 45 38 16 83 56 11 18 17 8 18 11 403
counts
1860 1395 930 465 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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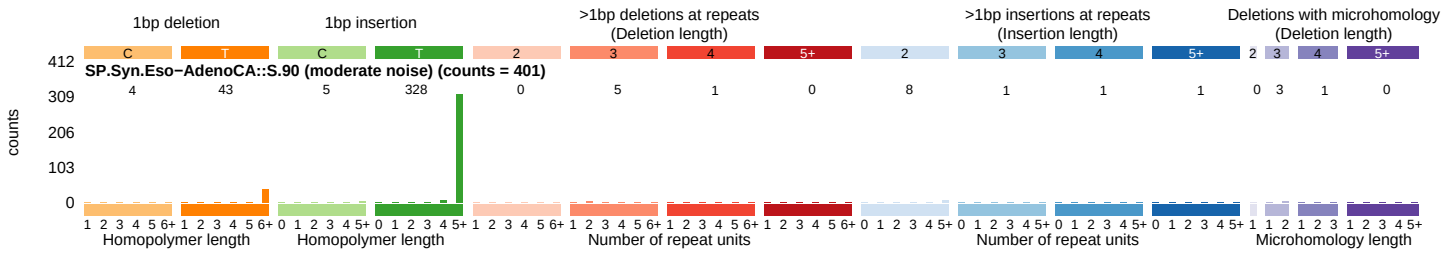
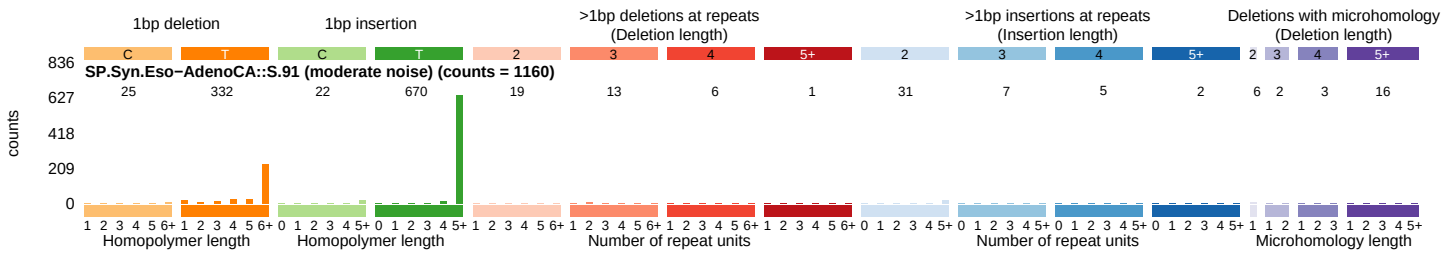
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.89 (moderate noise) (counts = 797)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
19 323 10 357 4 4 2 15 14 2 2 2 0 1 2 40
counts
448 336 224 112 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.90 (moderate noise) (counts = 401)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
4 43 5 328 0 5 1 0 8 1 1 1 0 3 1 0
counts
412 309 206 103 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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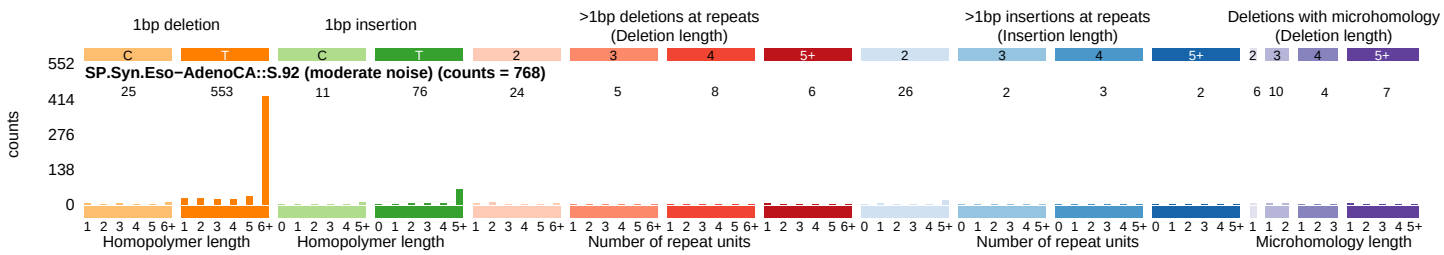
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.91 (moderate noise) (counts = 1160)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
25 332 22 670 19 13 6 1 31 7 5 2 6 2 3 16
counts
836 627 418 209 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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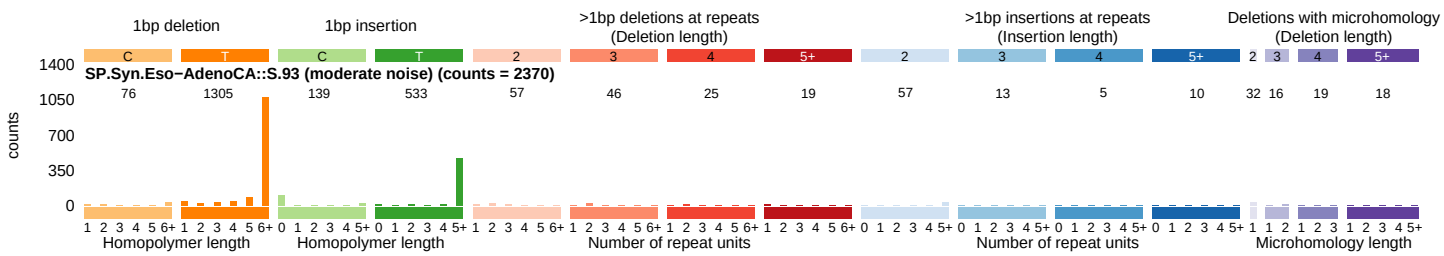
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.92 (moderate noise) (counts = 768)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
25 553 11 76 24 5 8 6 26 2 3 2 6 10 4 7
counts
552 414 276 138 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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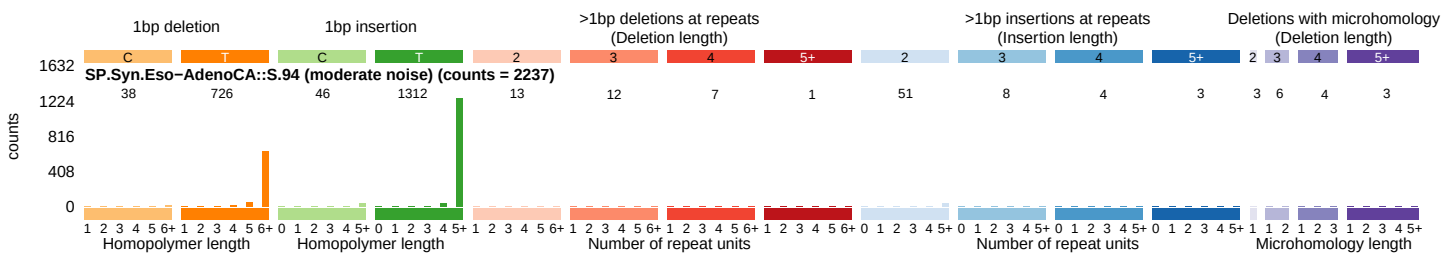
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.93 (moderate noise) (counts = 2370)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
76 1305 139 533 57 46 25 19 57 13 5 10 32 16 19 18
counts
1400 1050 700 350 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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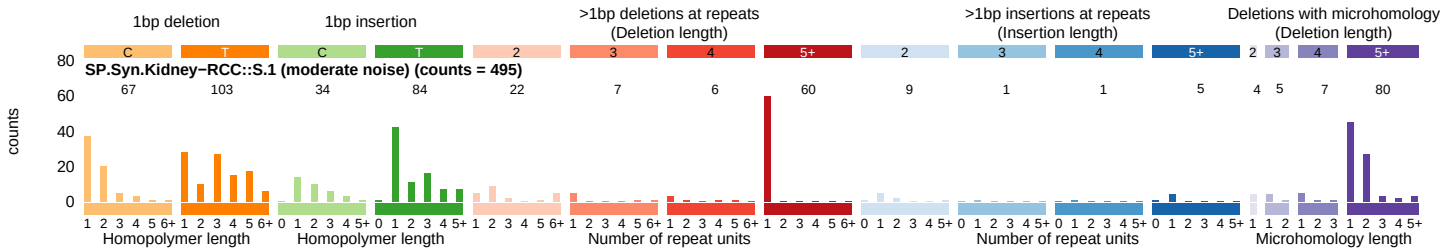
Deletions with microhomology (Deletion length)
SP.Syn.Eso−AdenoCA::S.94 (moderate noise) (counts = 2237)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
38 726 46 1312 13 12 7 1 51 8 4 3 3 6 4 3
counts
1632 1224 816 408 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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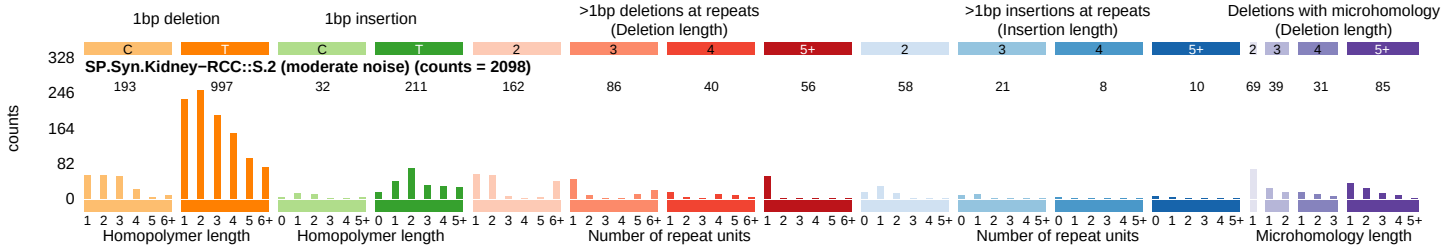
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.1 (moderate noise) (counts = 495)
67 103 34 84 22 7 6 60 9 1 1 5 4 5 7 80
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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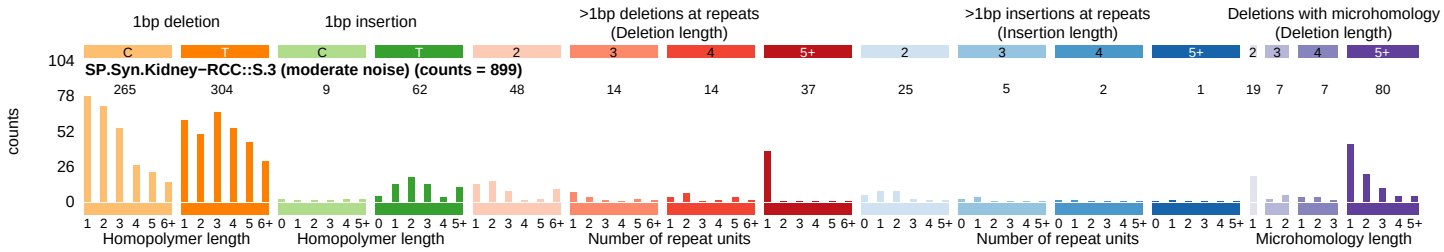
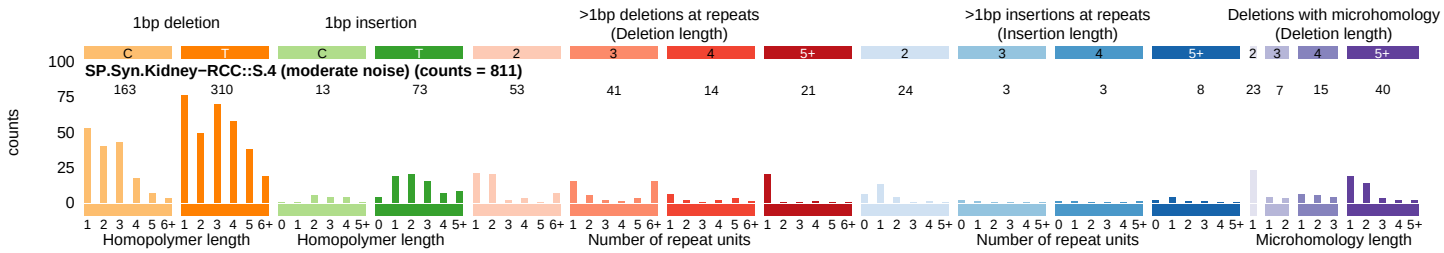
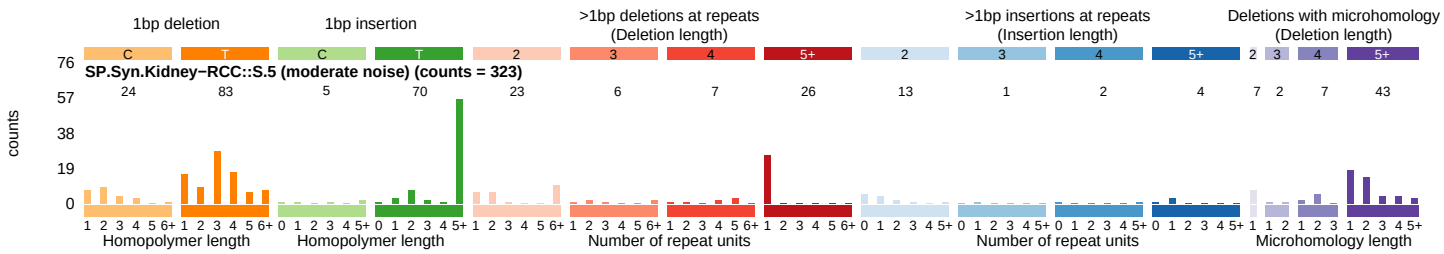
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.2 (moderate noise) (counts = 2098)
193 997 32 211 162 86 40 56 58 21 8 10 69 39 31 85
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.3 (moderate noise) (counts = 899)
265 304 9 62 48 14 14 37 25 5 2 1 19 7 7 80
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.4 (moderate noise) (counts = 811)
163 310 13 73 53 41 14 21 24 3 3 8 23 7 15 40
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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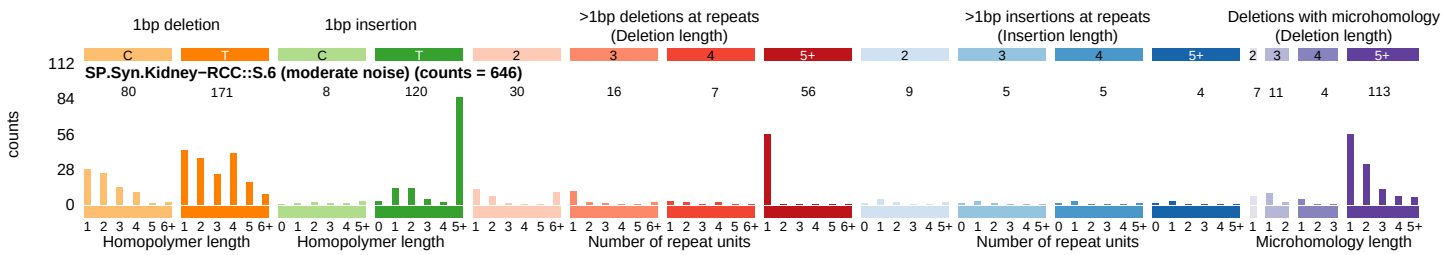
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.5 (moderate noise) (counts = 323)
24 83 5 70 23 6 7 26 13 1 2 4 7 2 7 43
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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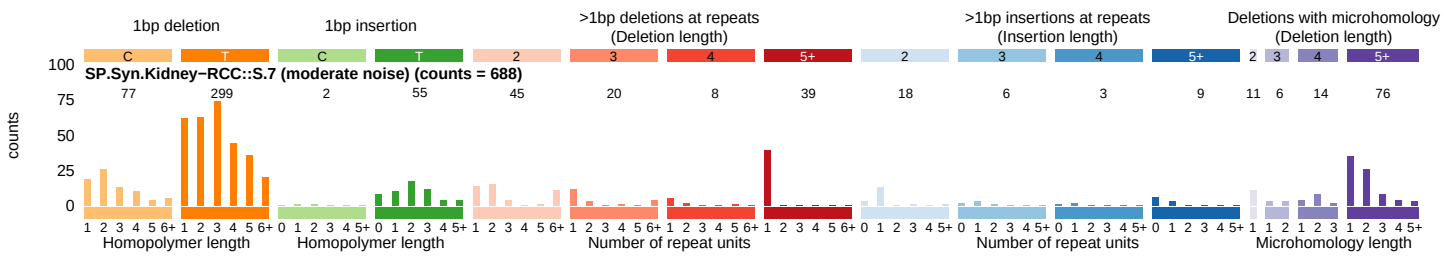
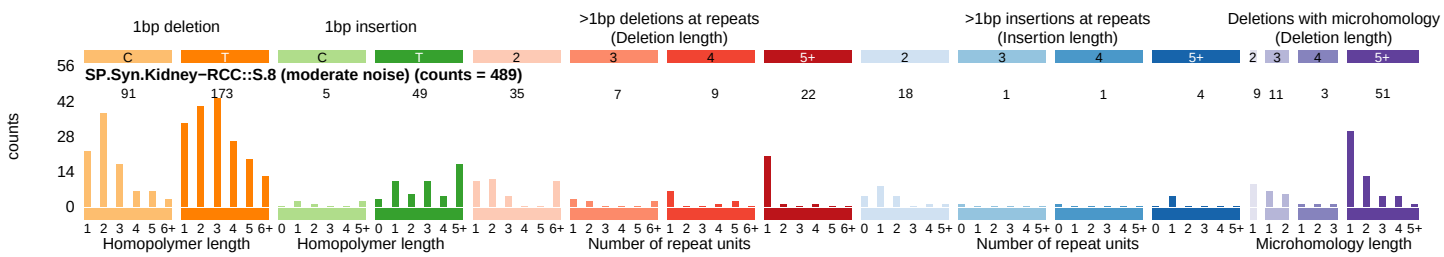
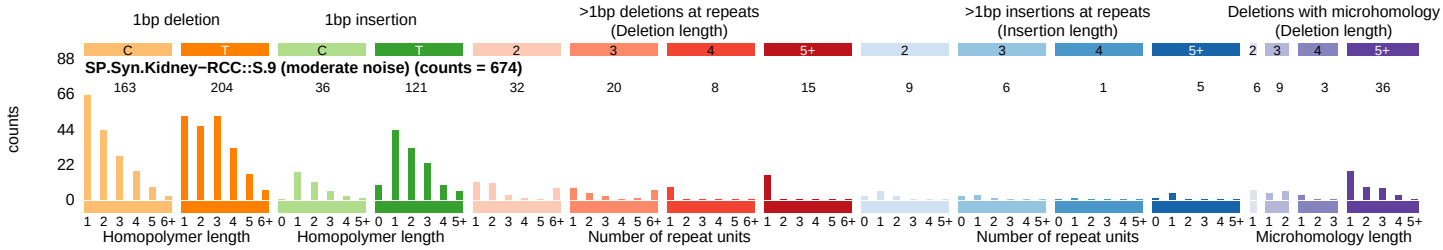
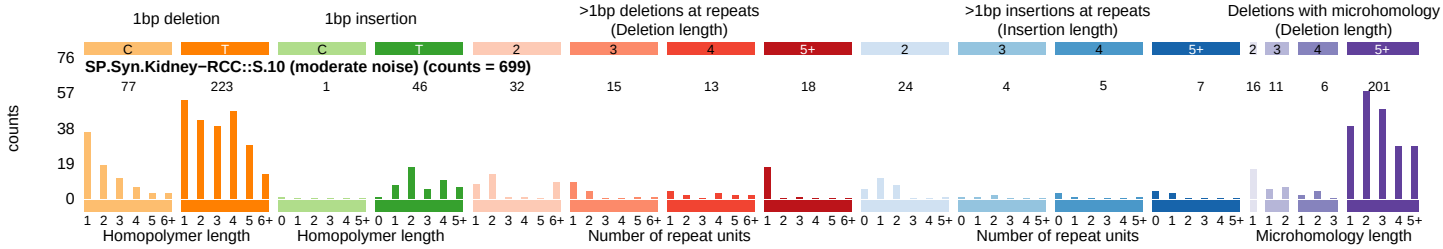
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.6 (moderate noise) (counts = 646)
80 171 8 120 30 16 7 56 9 5 5 4 7 11 4 113
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.7 (moderate noise) (counts = 688)
77 299 2 55 45 20 8 39 18 6 3 9 11 6 14 76
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.8 (moderate noise) (counts = 489)
91 173 5 49 35 7 9 22 18 1 1 4 9 11 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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.9 (moderate noise) (counts = 674)
163 204 36 121 32 20 8 15 9 6 1 5 6 9 3 36
counts
88 66 44 22 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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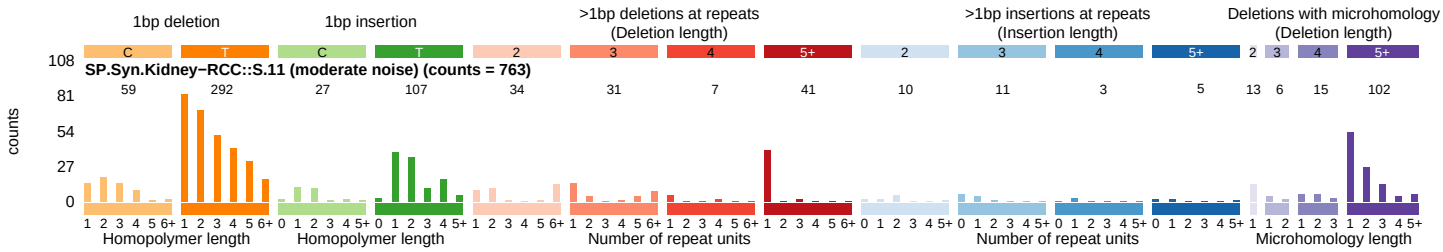
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.10 (moderate noise) (counts = 699)
77 223 1 46 32 15 13 18 24 4 5 7 16 11 6 201
counts
76 57 38 19 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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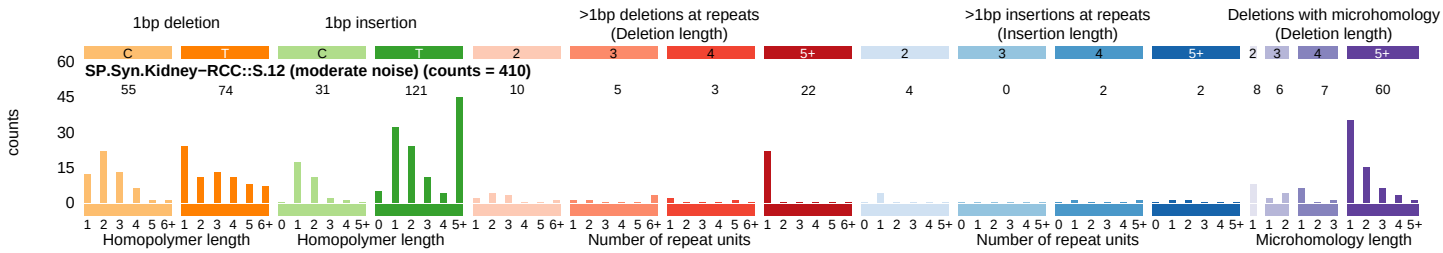
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.11 (moderate noise) (counts = 763)
59 292 27 107 34 31 7 41 10 11 3 5 13 6 15 102
counts
108 81 54 27 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 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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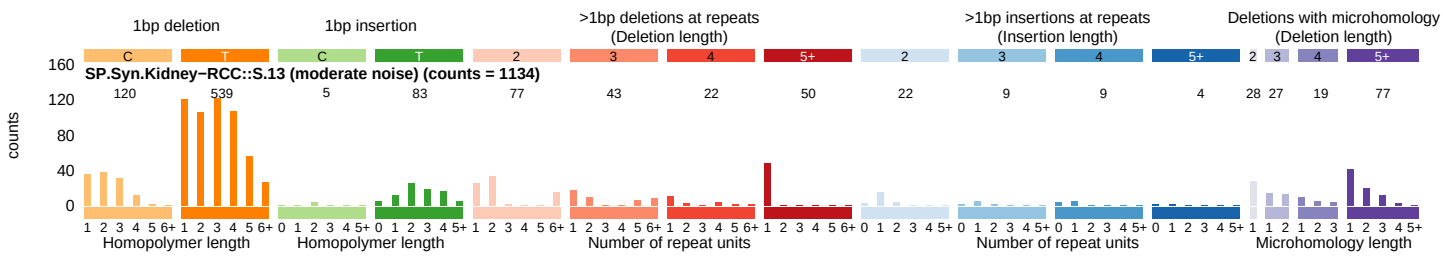
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.12 (moderate noise) (counts = 410)
55 74 31 121 10 5 3 22 4 0 2 2 8 6 7 60
counts
60 45 30 15 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 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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1bp insertion
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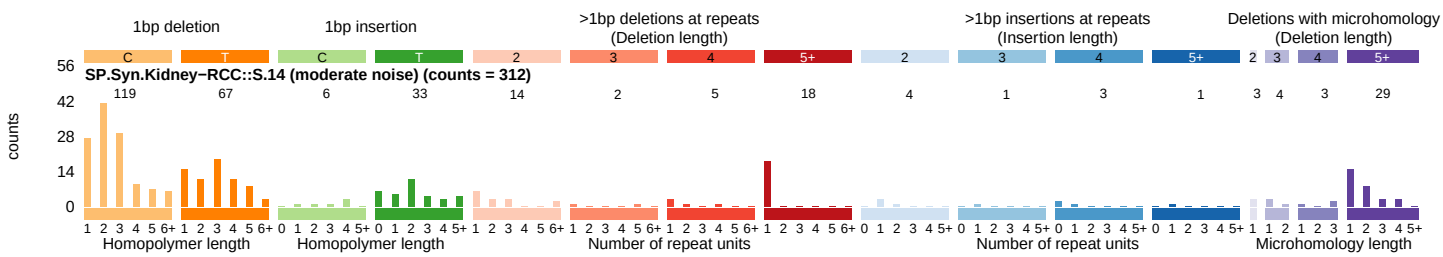
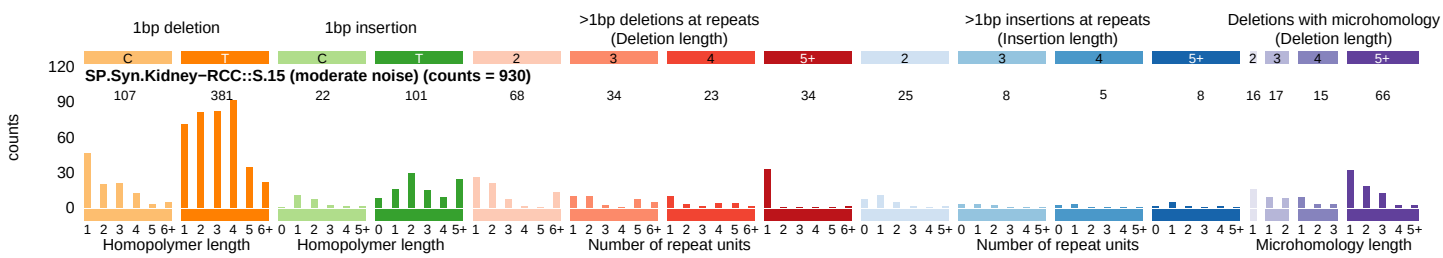
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.13 (moderate noise) (counts = 1134)
120 539 5 83 77 43 22 50 22 9 9 4 28 27 19 77
counts
160 120 80 40 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 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.Kidney−RCC::S.14 (moderate noise) (counts = 312)
119 67 6 33 14 2 5 18 4 1 3 1 3 4 3 29
counts
56 42 28 14 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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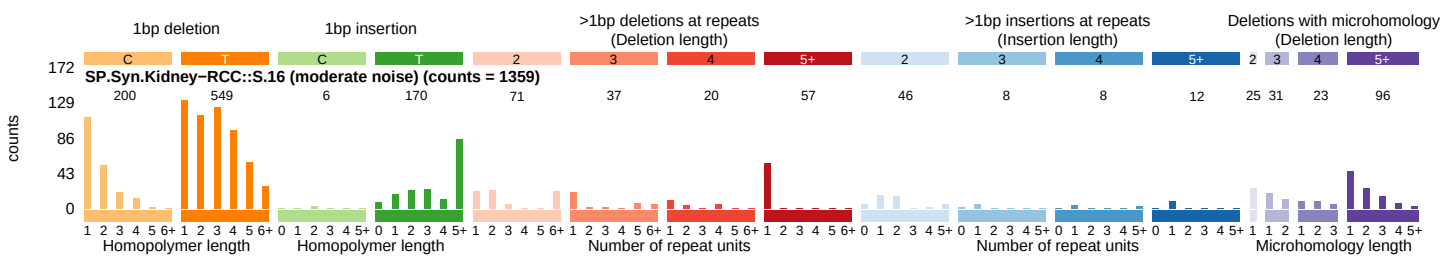
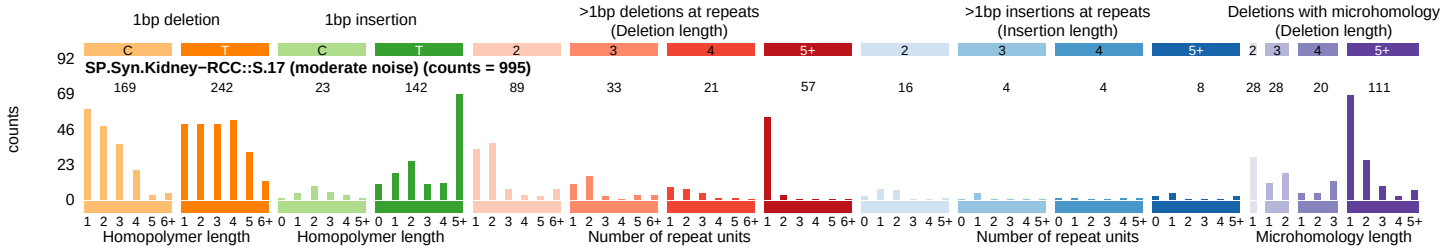
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.15 (moderate noise) (counts = 930)
107 381 22 101 68 34 23 34 25 8 5 8 16 17 15 66
counts
120 90 60 30 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 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.Kidney−RCC::S.16 (moderate noise) (counts = 1359)
200 549 6 170 71 37 20 57 46 8 8 12 25 31 23 96
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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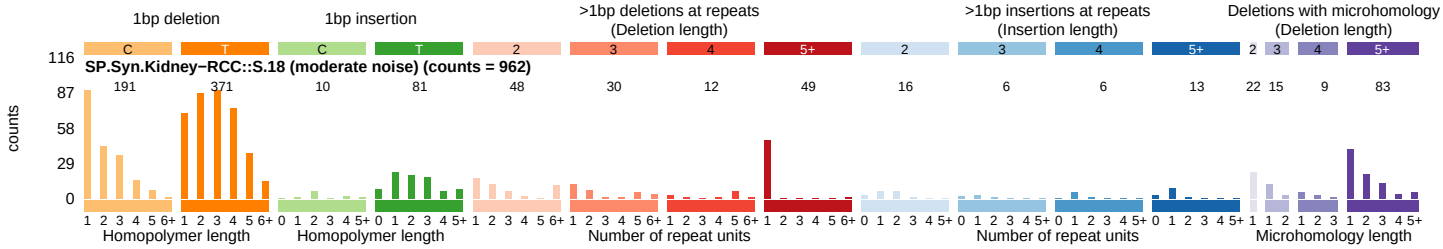
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.17 (moderate noise) (counts = 995)
169 242 23 142 89 33 21 57 16 4 4 8 28 28 20 111
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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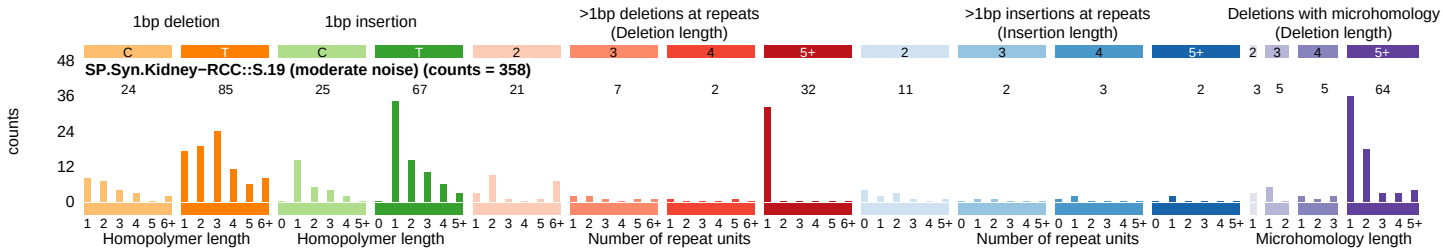
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.18 (moderate noise) (counts = 962)
191 371 10 81 48 30 12 49 16 6 6 13 22 15 9 83
counts
Homopolymer length
Number of repeat units
Microhomology length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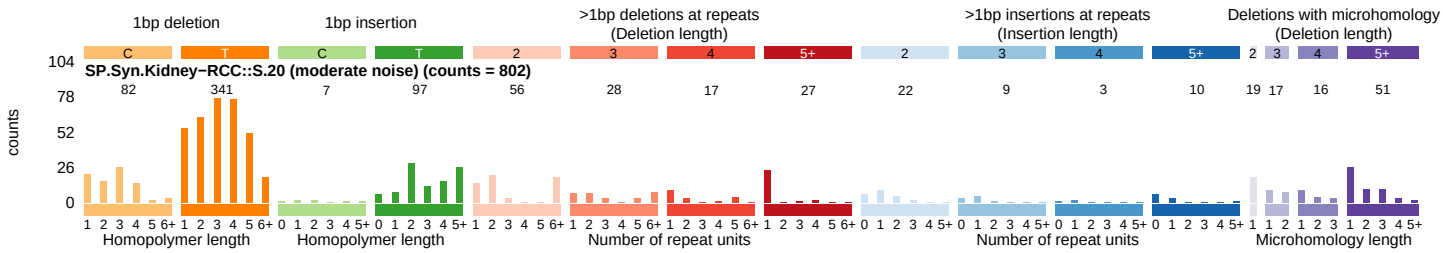
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.19 (moderate noise) (counts = 358)
24 85 25 67 21 7 2 32 11 2 3 2 3 5 5 64
counts
Homopolymer length
Number of repeat units
Microhomology length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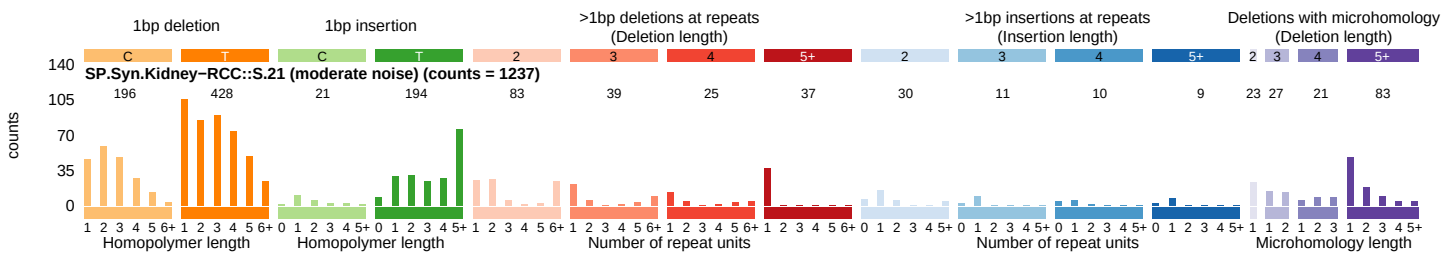
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.20 (moderate noise) (counts = 802)
82 341 7 97 56 28 17 27 22 9 3 10 19 17 16 51
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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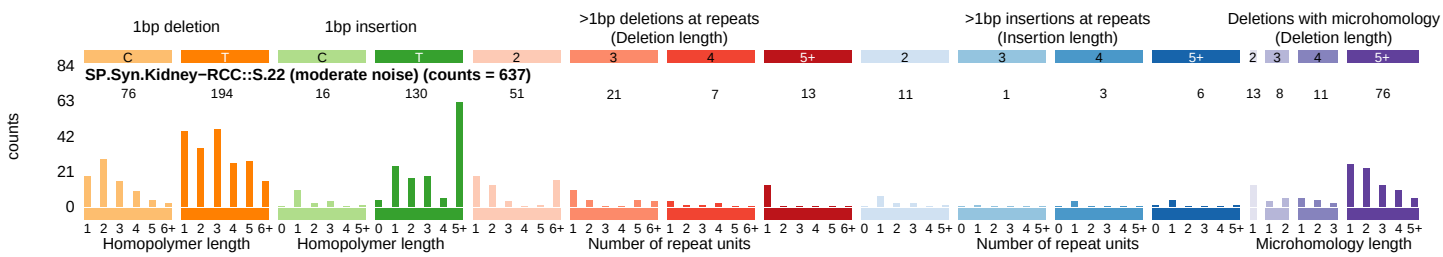
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.21 (moderate noise) (counts = 1237)
196 428 21 194 83 39 25 37 30 11 10 9 23 27 21 83
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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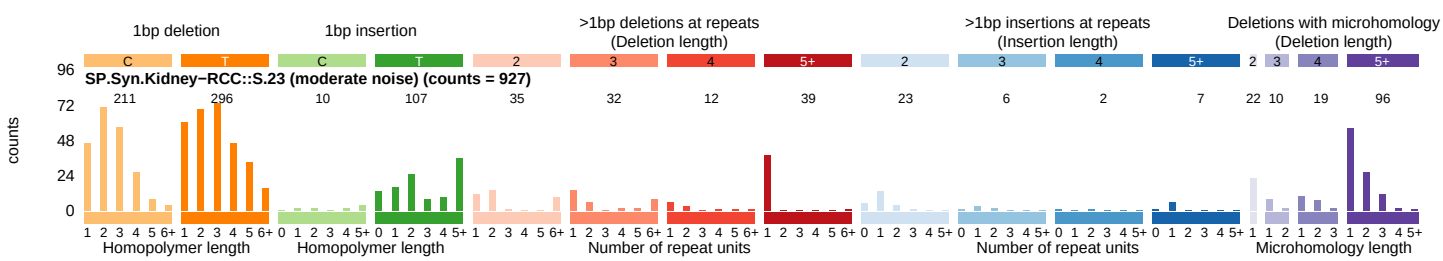
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.22 (moderate noise) (counts = 637)
76 194 16 130 51 21 7 13 11 1 3 6 13 8 11 76
counts
Homopolymer length
Number of repeat units
Microhomology length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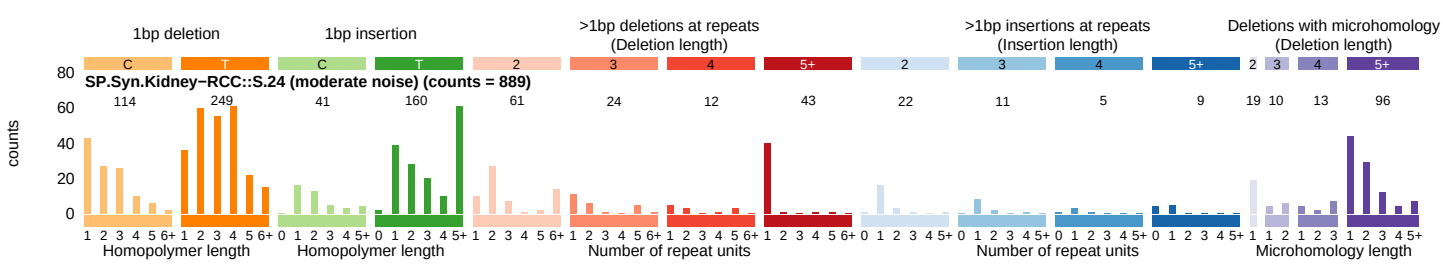
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.23 (moderate noise) (counts = 927)
211 296 10 107 35 32 12 39 23 6 2 7 22 10 19 96
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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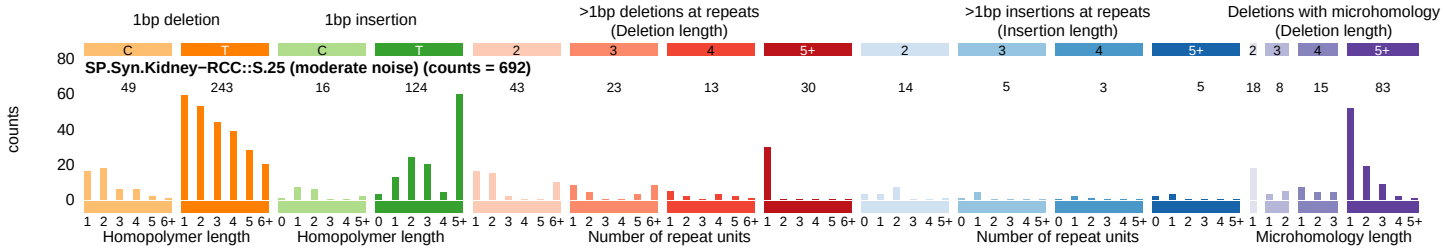
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.24 (moderate noise) (counts = 889)
114 249 41 160 61 24 12 43 22 11 5 9 19 10 13 96
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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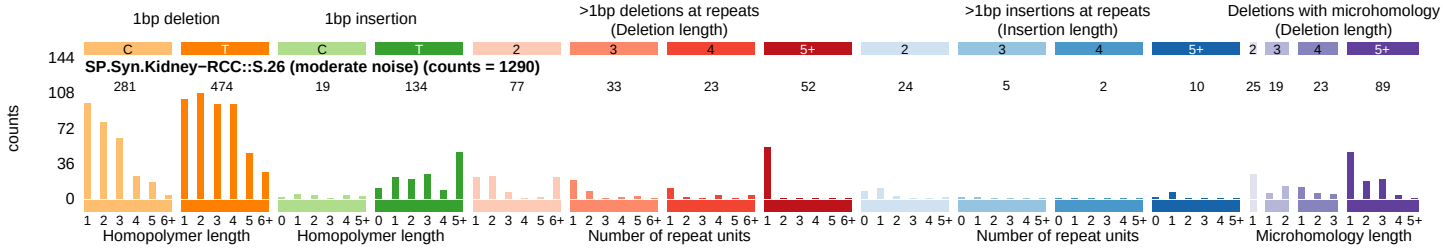
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.25 (moderate noise) (counts = 692)
49 243 16 124 43 23 13 30 14 5 3 5 18 8 15 83
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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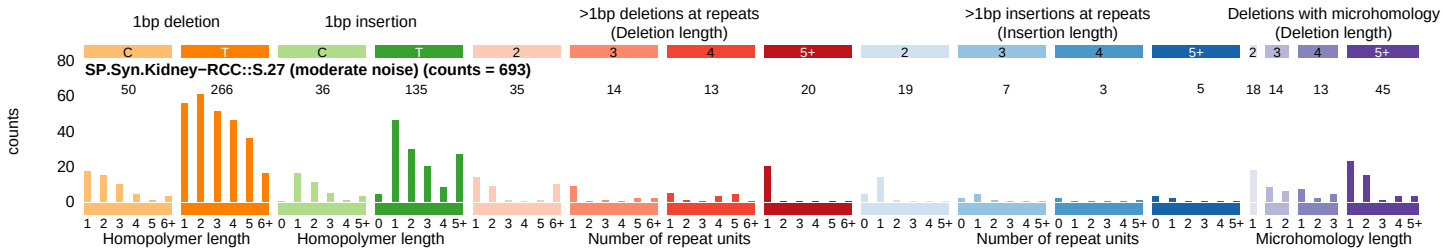
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.26 (moderate noise) (counts = 1290)
281 474 19 134 77 33 23 52 24 5 2 10 25 19 23 89
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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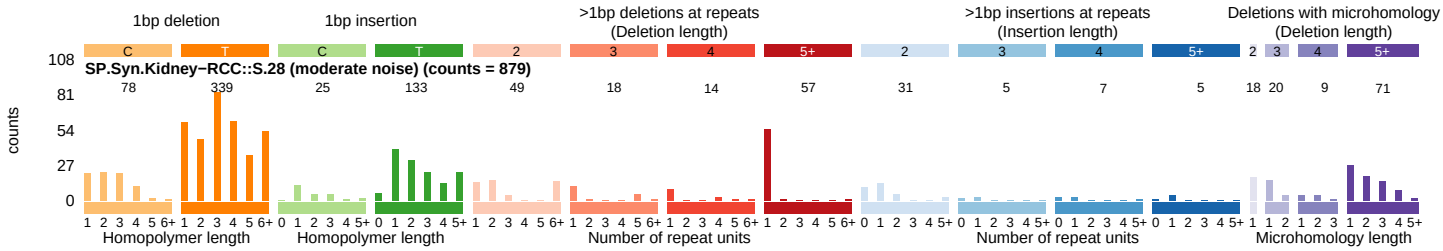
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.27 (moderate noise) (counts = 693)
50 266 36 135 35 14 13 20 19 7 3 5 18 14 13 45
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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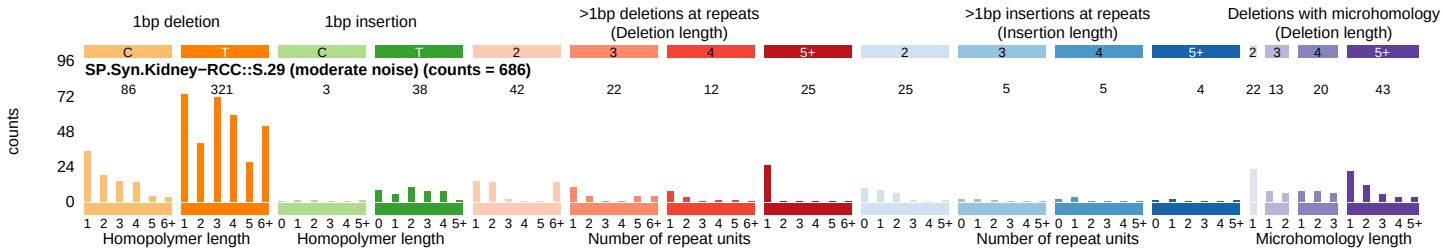
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.28 (moderate noise) (counts = 879)
78 339 25 133 49 18 14 57 31 5 7 5 18 20 9 71
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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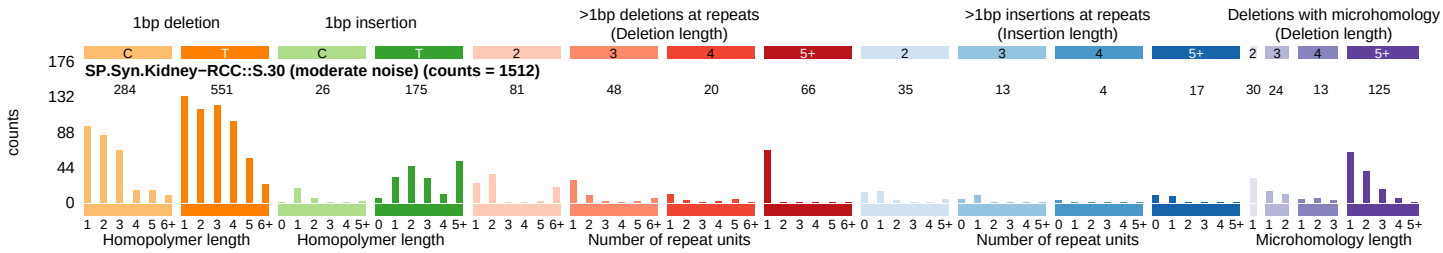
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.29 (moderate noise) (counts = 686)
86 321 3 38 42 22 12 25 25 5 5 4 22 13 20 43
counts
Homopolymer length
Number of repeat units
Microhomology length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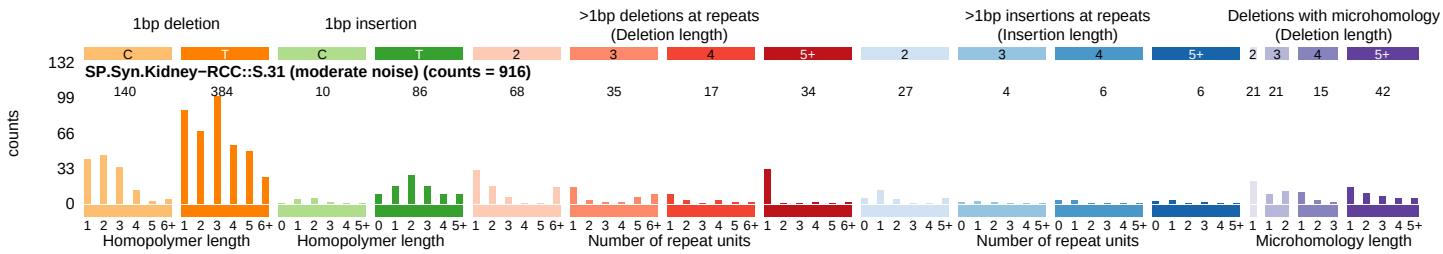
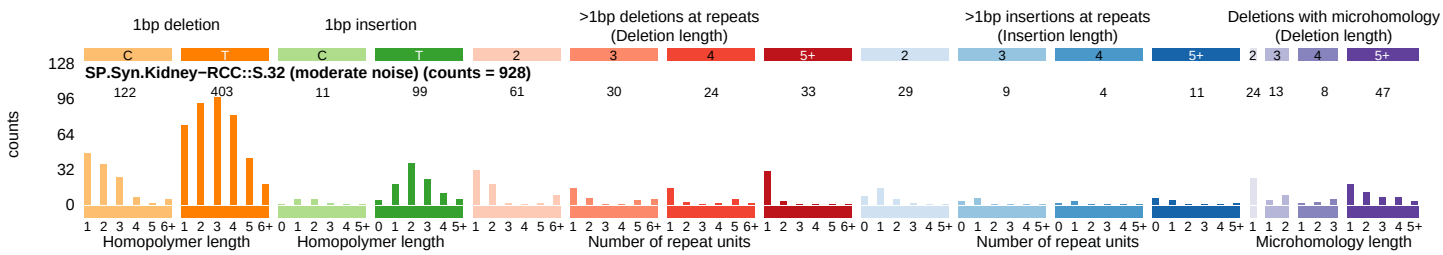
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.30 (moderate noise) (counts = 1512)
284 551 26 175 81 48 20 66 35 13 4 17 30 24 13 125
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.31 (moderate noise) (counts = 916)
140 384 10 86 68 35 17 34 27 4 6 6 21 21 15 42
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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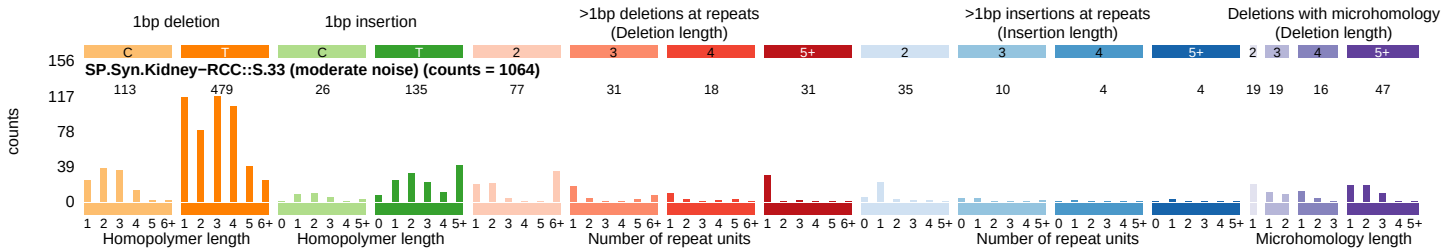
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.32 (moderate noise) (counts = 928)
122 403 11 99 61 30 24 33 29 9 4 11 24 13 8 47
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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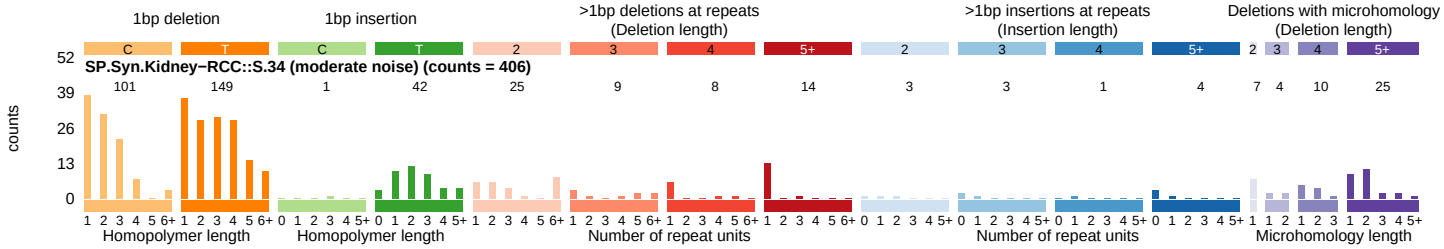
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.33 (moderate noise) (counts = 1064)
113 479 26 135 77 31 18 31 35 10 4 4 19 19 16 47
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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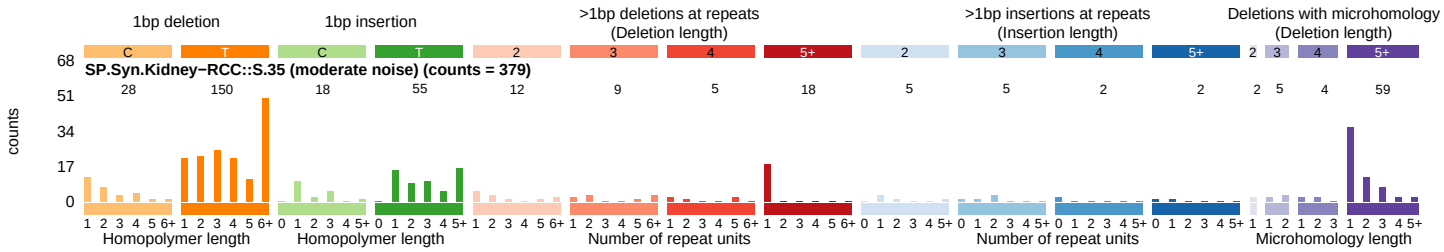
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.34 (moderate noise) (counts = 406)
101 149 1 42 25 9 8 14 3 3 1 4 7 4 10 25
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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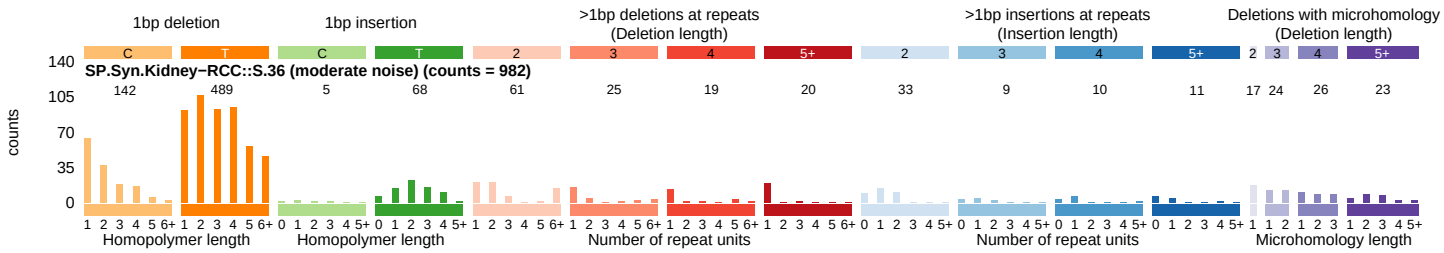
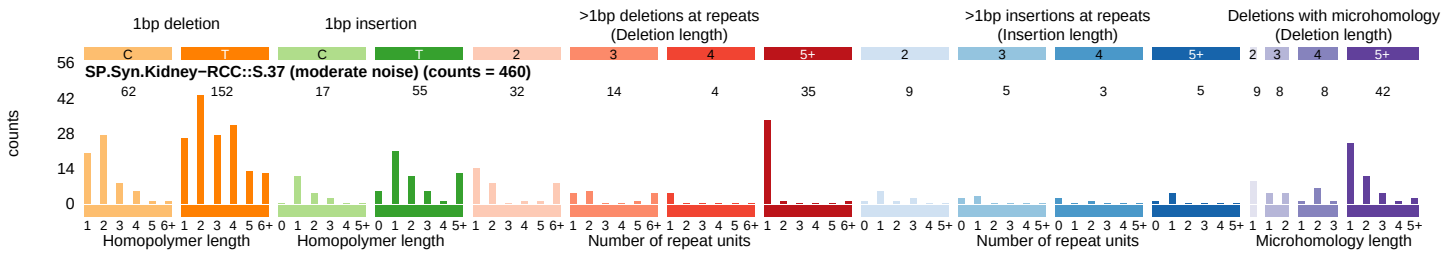
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.35 (moderate noise) (counts = 379)
28 150 18 55 12 9 5 18 5 5 2 2 2 5 4 59
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.36 (moderate noise) (counts = 982)
142 489 5 68 61 25 19 20 33 9 10 11 17 24 26 23
counts
Homopolymer length
Number of repeat units
Microhomology length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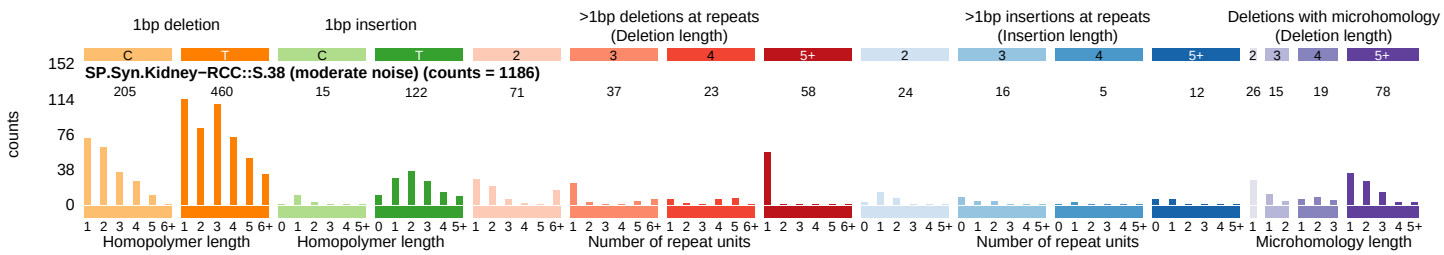
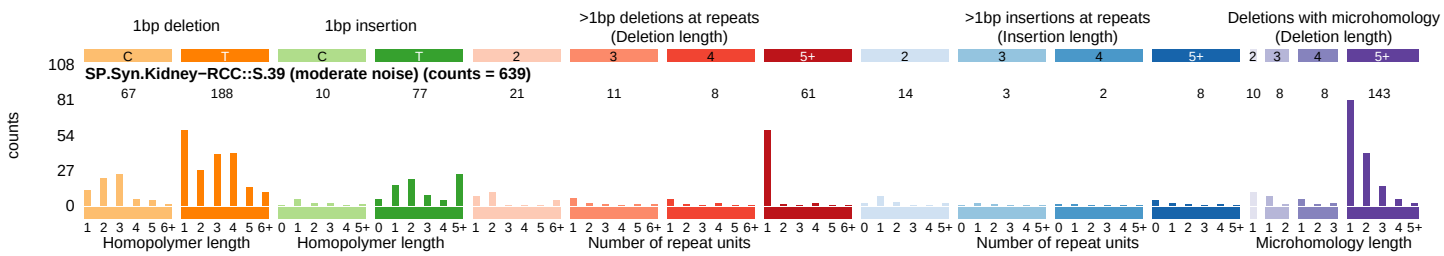
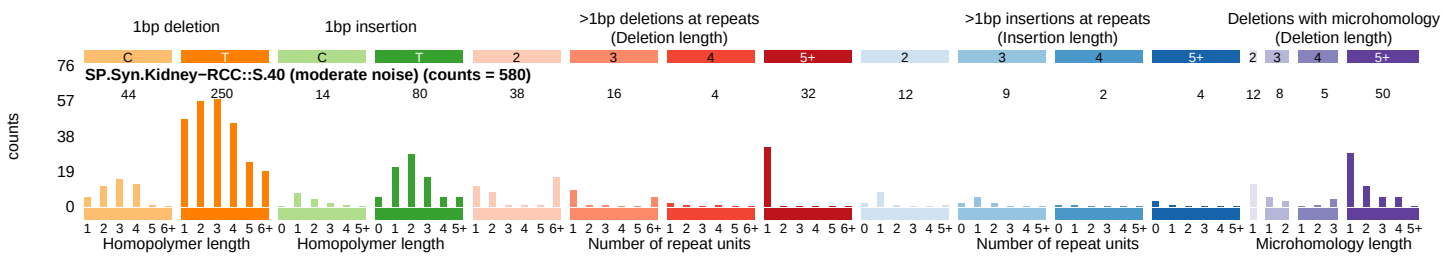
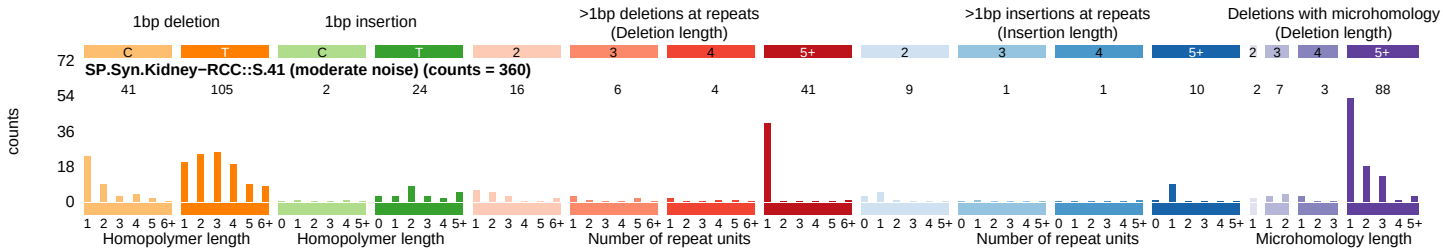
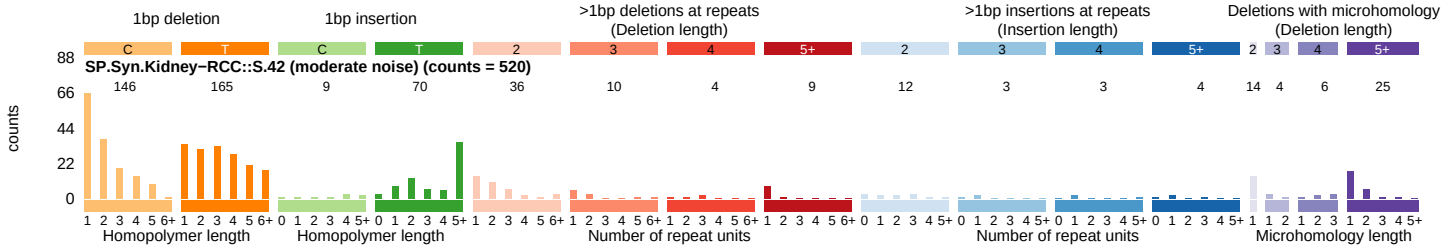
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.37 (moderate noise) (counts = 460)
62 152 17 55 32 14 4 35 9 5 3 5 9 8 8 42
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.38 (moderate noise) (counts = 1186)
205 460 15 122 71 37 23 58 24 16 5 12 26 15 19 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.Kidney−RCC::S.39 (moderate noise) (counts = 639)
67 188 10 77 21 11 8 61 14 3 2 8 10 8 8 143
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.40 (moderate noise) (counts = 580)
44 250 14 80 38 16 4 32 12 9 2 4 12 8 5 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.Kidney−RCC::S.41 (moderate noise) (counts = 360)
41 105 2 24 16 6 4 41 9 1 1 10 2 7 3 88
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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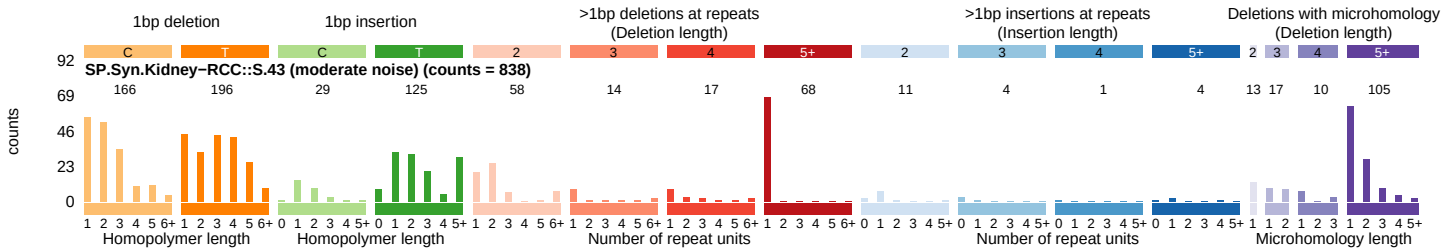
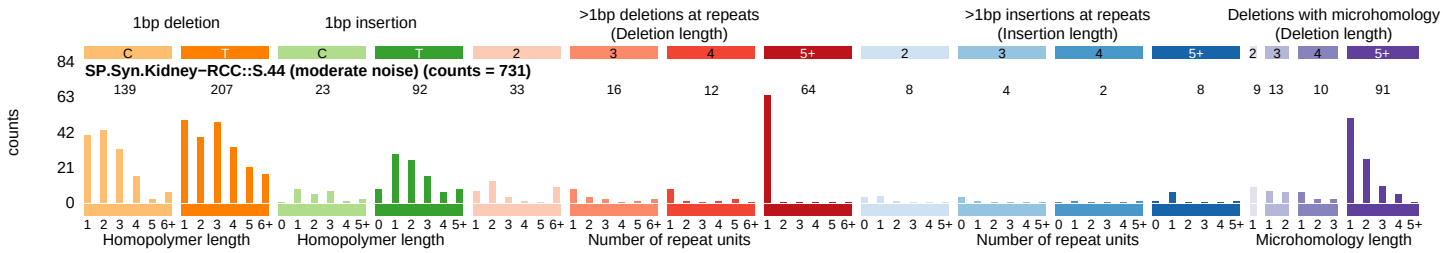
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.42 (moderate noise) (counts = 520)
146 165 9 70 36 10 4 9 12 3 3 4 14 4 6 25
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.43 (moderate noise) (counts = 838)
166 196 29 125 58 14 17 68 11 4 1 4 13 17 10 105
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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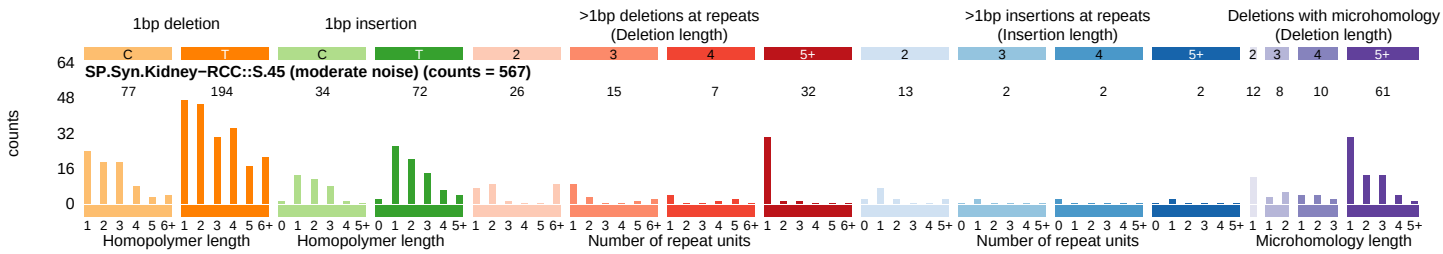
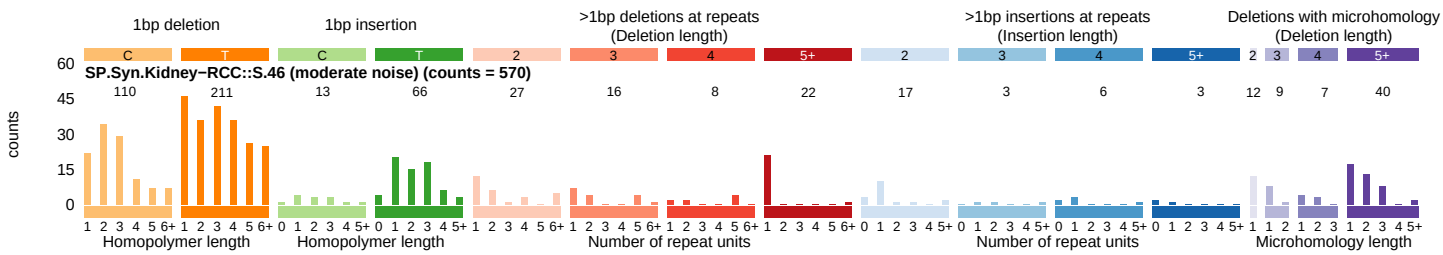
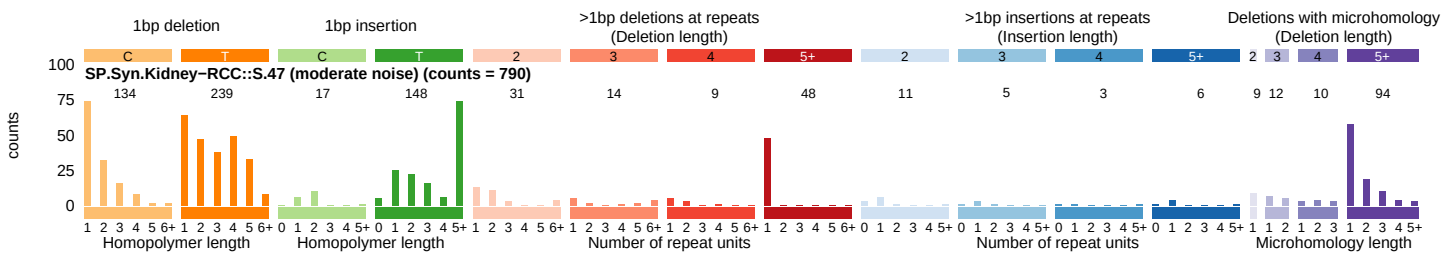
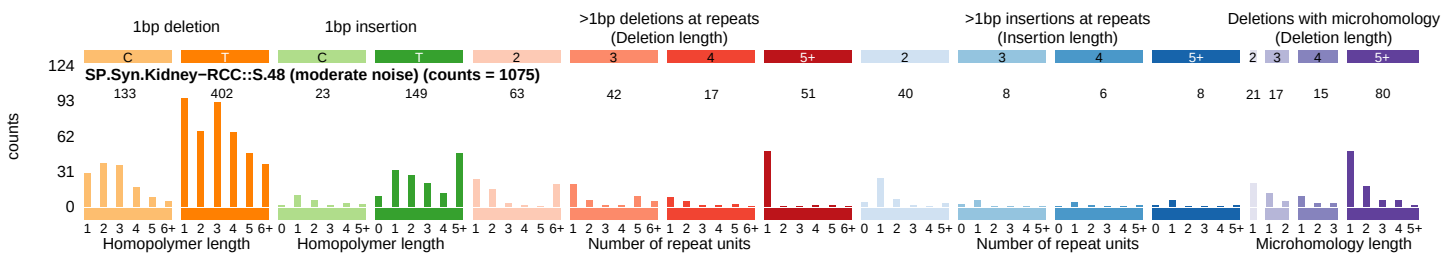
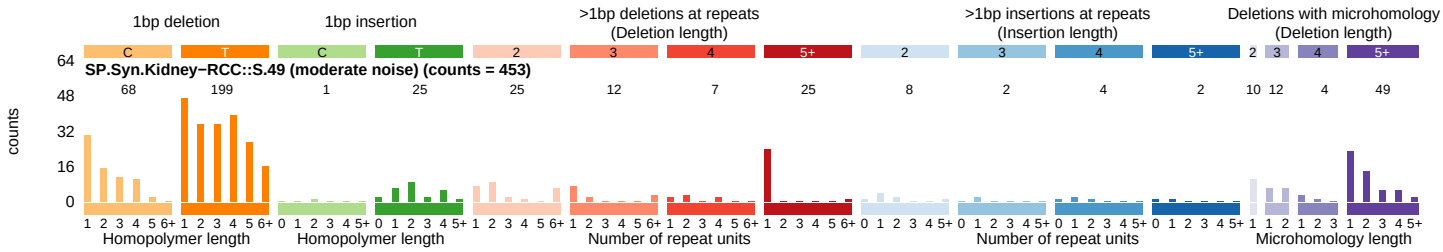
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.44 (moderate noise) (counts = 731)
139 207 23 92 33 16 12 64 8 4 2 8 9 13 10 91
counts
Homopolymer length
Number of repeat units
Microhomology length

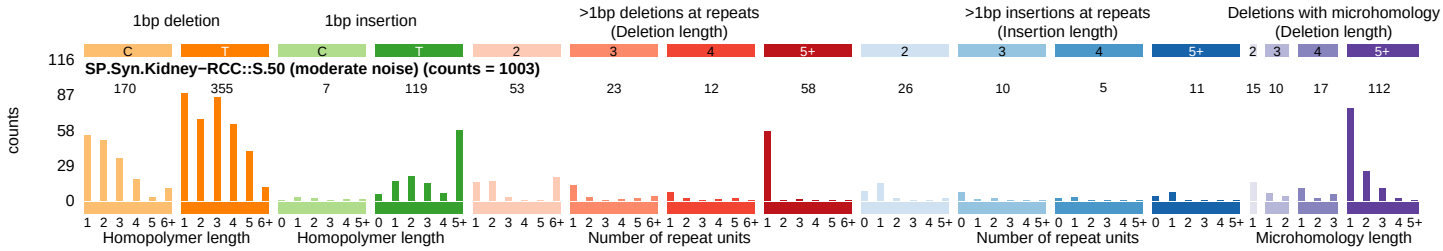

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.45 (moderate noise) (counts = 567)
77 194 34 72 26 15 7 32 13 2 2 2 12 8 10 61
counts
Homopolymer length
Number of repeat units
Microhomology length

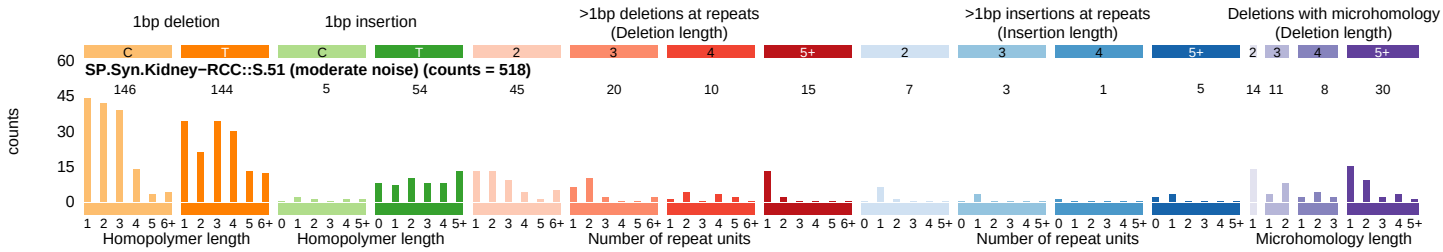

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.46 (moderate noise) (counts = 570)
110 211 13 66 27 16 8 22 17 3 6 3 12 9 7 40
counts
Homopolymer length
Number of repeat units
Microhomology length

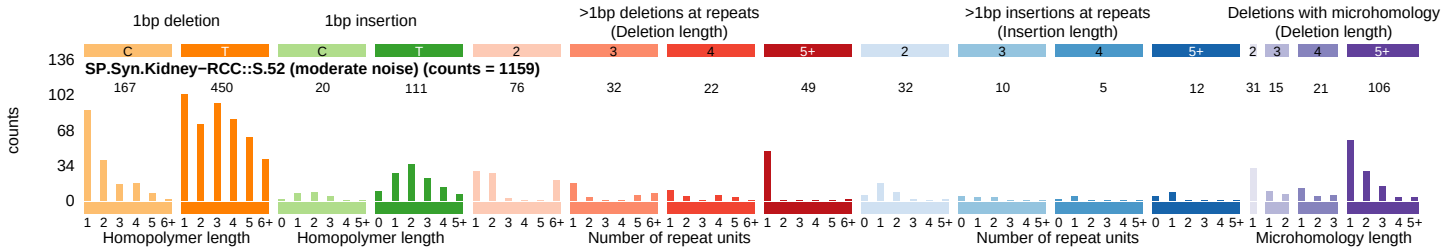

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.47 (moderate noise) (counts = 790)
134 239 17 148 31 14 9 48 11 5 3 6 9 12 10 94
counts
Homopolymer length
Number of 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.Kidney−RCC::S.48 (moderate noise) (counts = 1075)
133 402 23 149 63 42 17 51 40 8 6 8 21 17 15 80
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.49 (moderate noise) (counts = 453)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.50 (moderate noise) (counts = 1003)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.51 (moderate noise) (counts = 518)
counts
Homopolymer length
Number of repeat units
Microhomology length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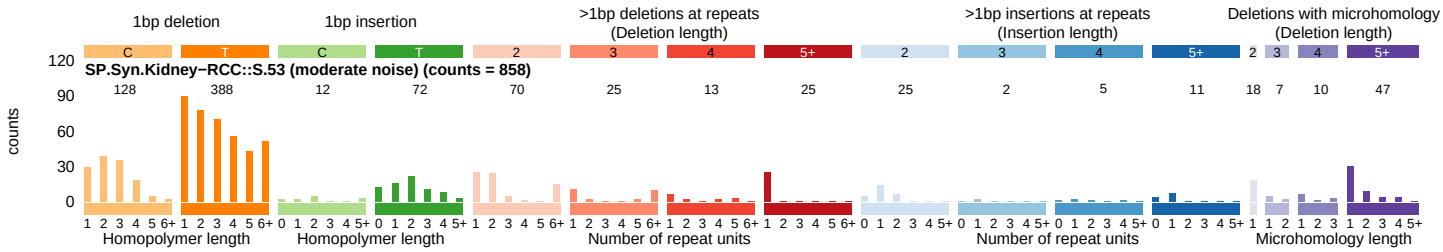
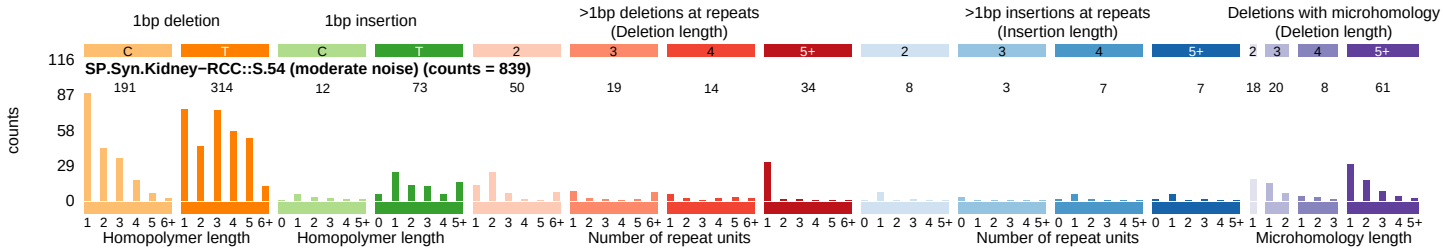
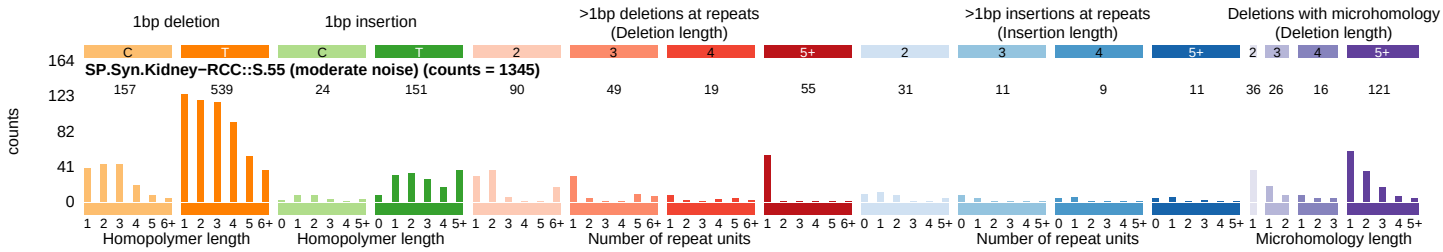
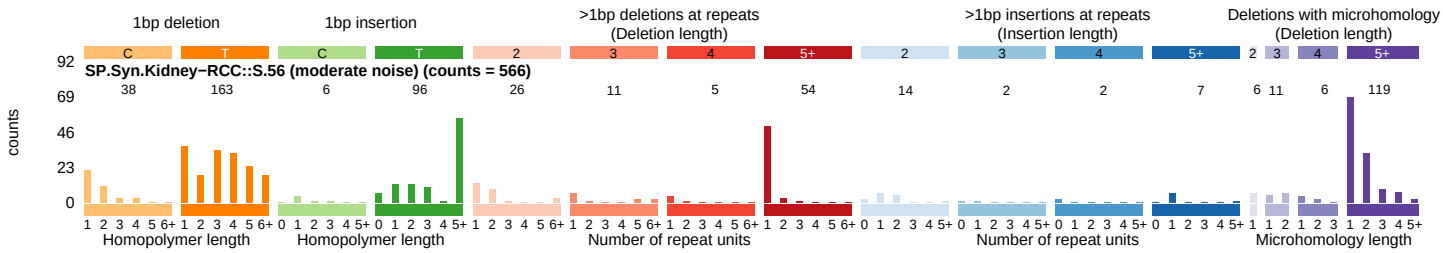
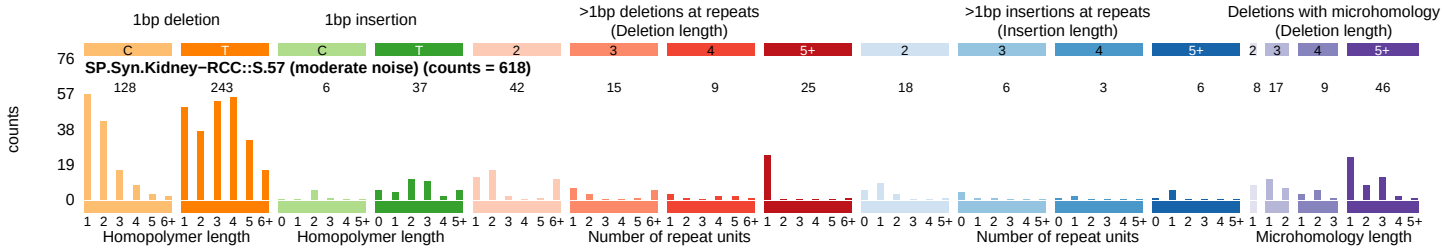
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.52 (moderate noise) (counts = 1159)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.53 (moderate noise) (counts = 858)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.54 (moderate noise) (counts = 839)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.55 (moderate noise) (counts = 1345)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.56 (moderate noise) (counts = 566)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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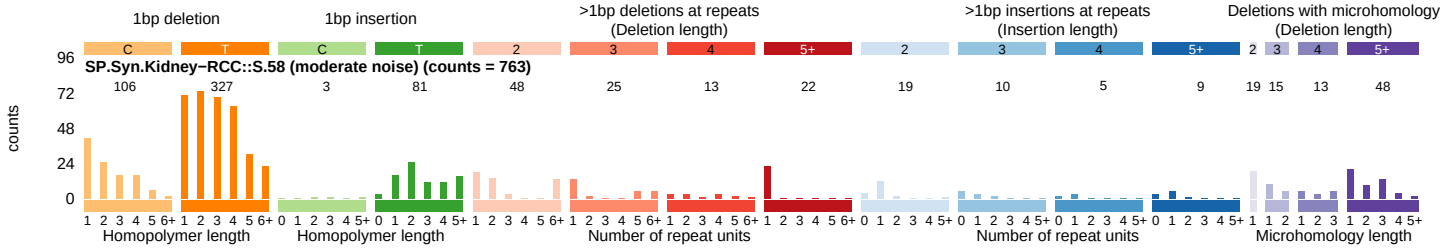
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.57 (moderate noise) (counts = 618)
128 243 6 37 42 15 9 25 18 6 3 6 8 17 9 46
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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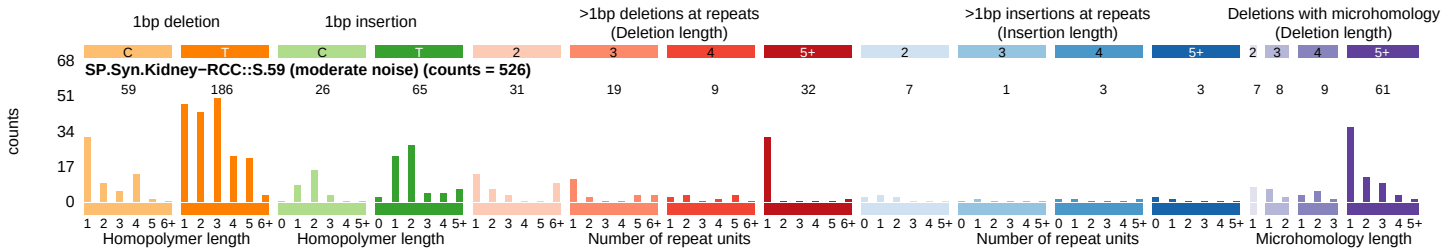
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.58 (moderate noise) (counts = 763)
106 327 3 81 48 25 13 22 19 10 5 9 19 15 13 48
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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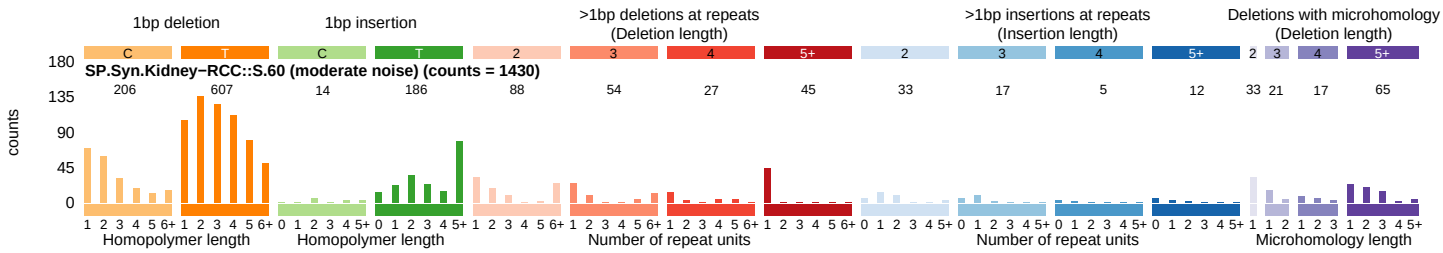
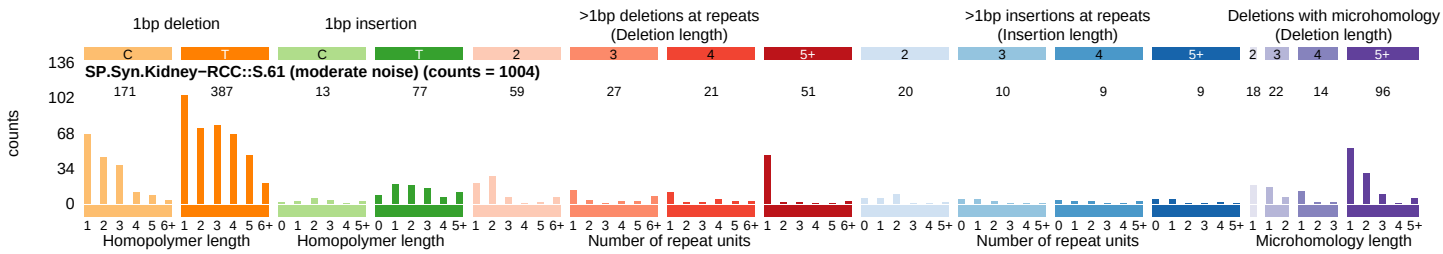
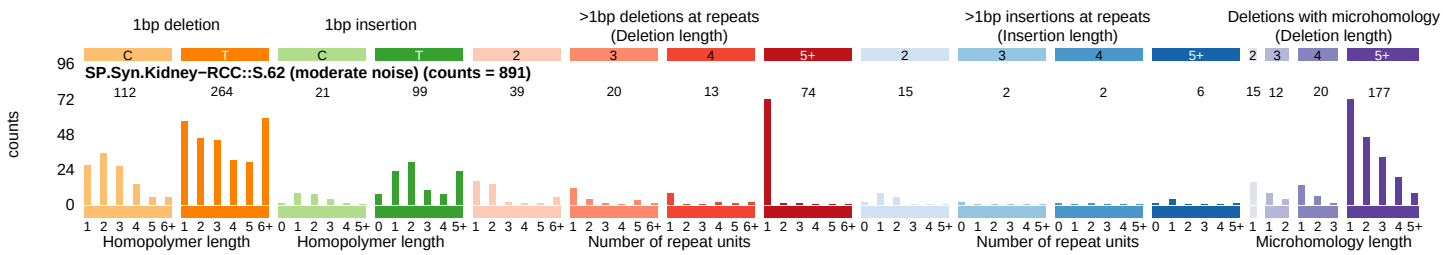
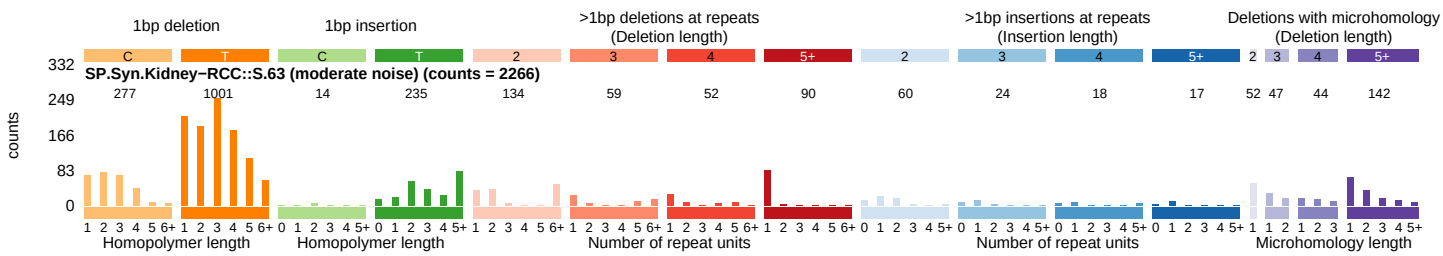
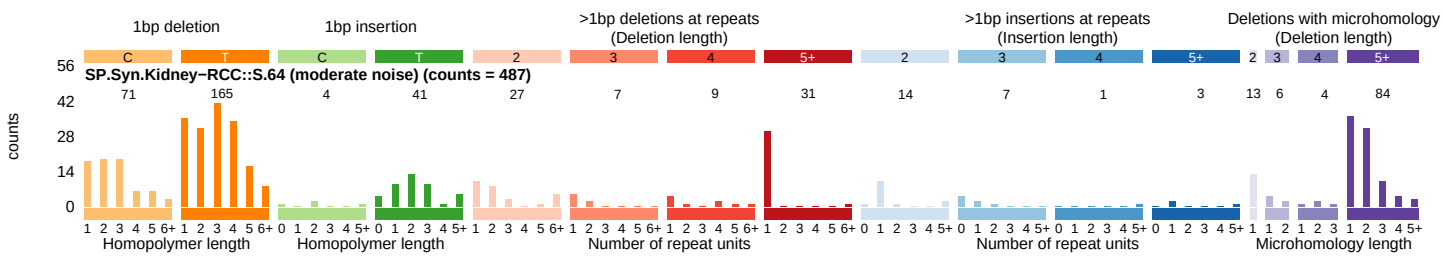
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.59 (moderate noise) (counts = 526)
59 186 26 65 31 19 9 32 7 1 3 3 7 8 9 61
counts
Homopolymer length
Number of repeat units
Microhomology length

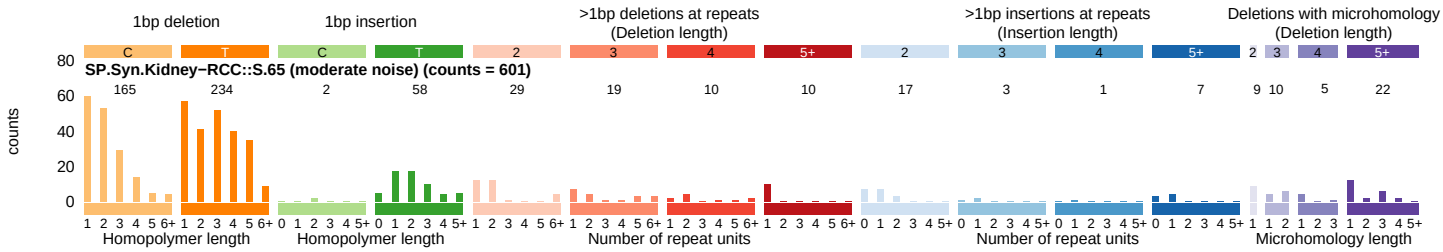

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.60 (moderate noise) (counts = 1430)
206 607 14 186 88 54 27 45 33 17 5 12 33 21 17 65
counts
Homopolymer length
Number of repeat units
Microhomology length

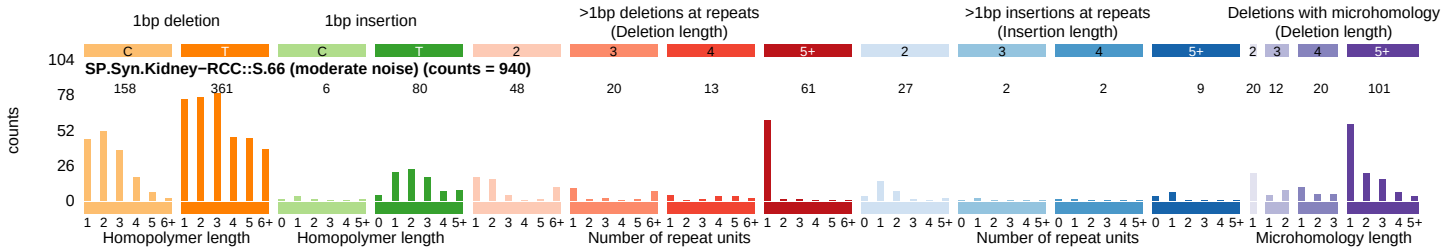

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.61 (moderate noise) (counts = 1004)
171 387 13 77 59 27 21 51 20 10 9 9 18 22 14 96
counts
Homopolymer length
Number of repeat units
Microhomology length

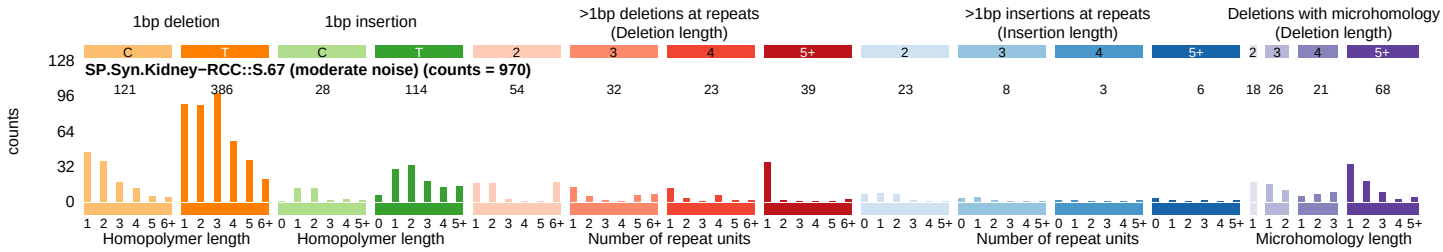

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.62 (moderate noise) (counts = 891)
112 264 21 99 39 20 13 74 15 2 2 6 15 12 20 177
counts
Homopolymer length
Number of repeat units
Microhomology length

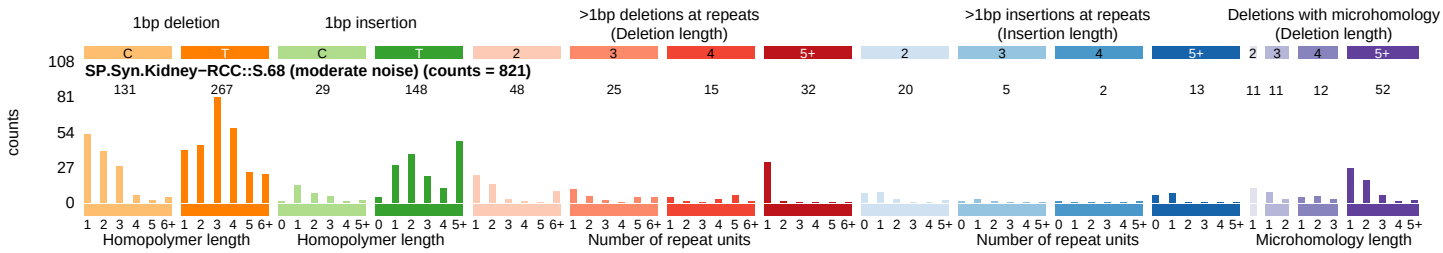

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.63 (moderate noise) (counts = 2266)
277 1001 14 235 134 59 52 90 60 24 18 17 52 47 44 142
counts
Homopolymer length
Number of repeat units
Microhomology length

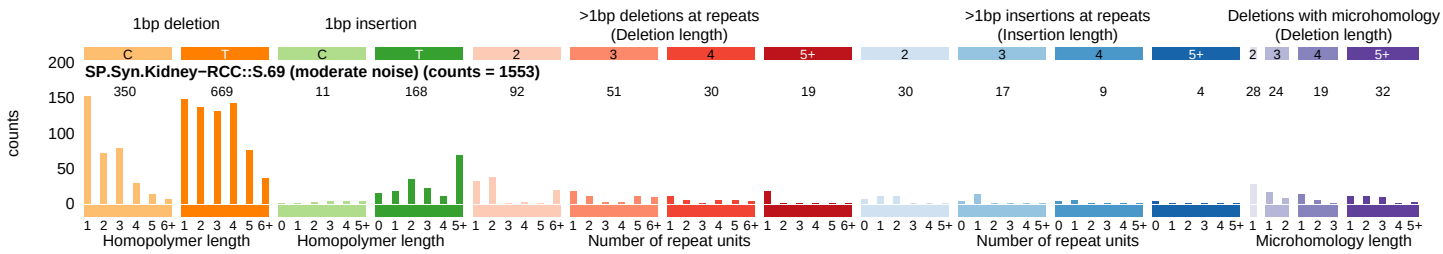

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.64 (moderate noise) (counts = 487)
71 165 4 41 27 7 9 31 14 7 1 3 13 6 4 84
counts
Homopolymer length
Number of repeat units
Microhomology length

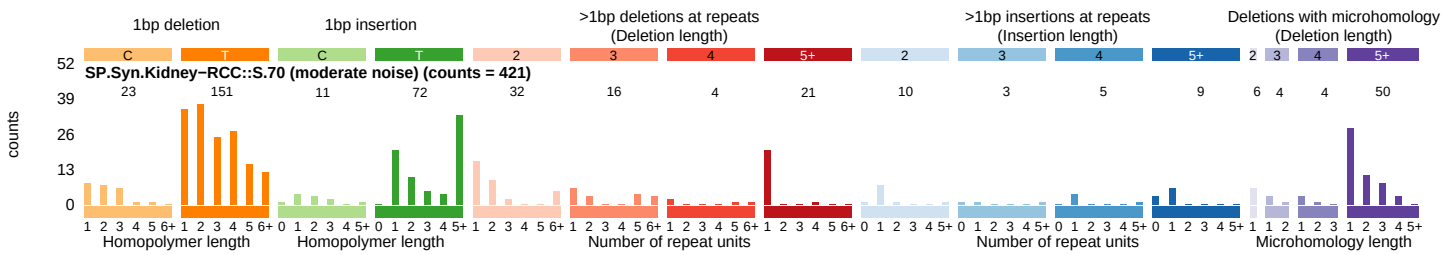

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.65 (moderate noise) (counts = 601)
165 234 2 58 29 19 10 10 17 3 1 7 9 10 5 22
counts
Homopolymer length
Number of repeat units
Microhomology length

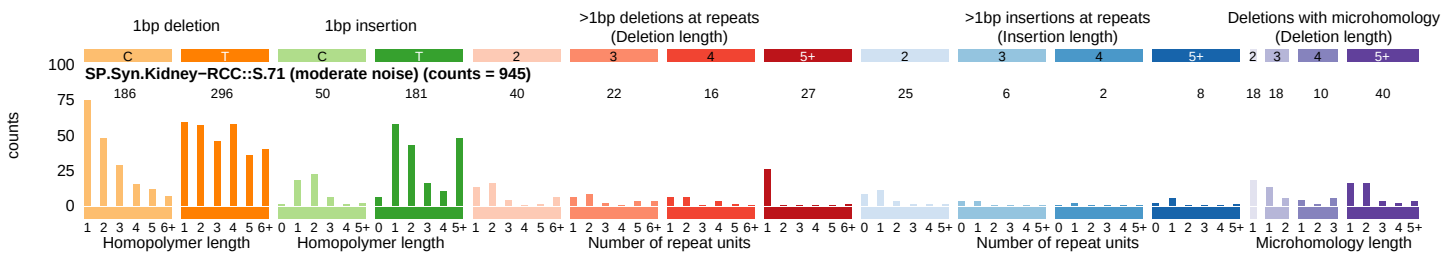

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.66 (moderate noise) (counts = 940)
158 361 6 80 48 20 13 61 27 2 2 9 20 12 20 101
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.67 (moderate noise) (counts = 970)
121 386 28 114 54 32 23 39 23 8 3 6 18 26 21 68
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.68 (moderate noise) (counts = 821)
131 267 29 148 48 25 15 32 20 5 2 13 11 11 12 52
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.69 (moderate noise) (counts = 1553)
350 669 11 168 92 51 30 19 30 17 9 4 28 24 19 32
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.70 (moderate noise) (counts = 421)
23 151 11 72 32 16 4 21 10 3 5 9 6 4 4 50
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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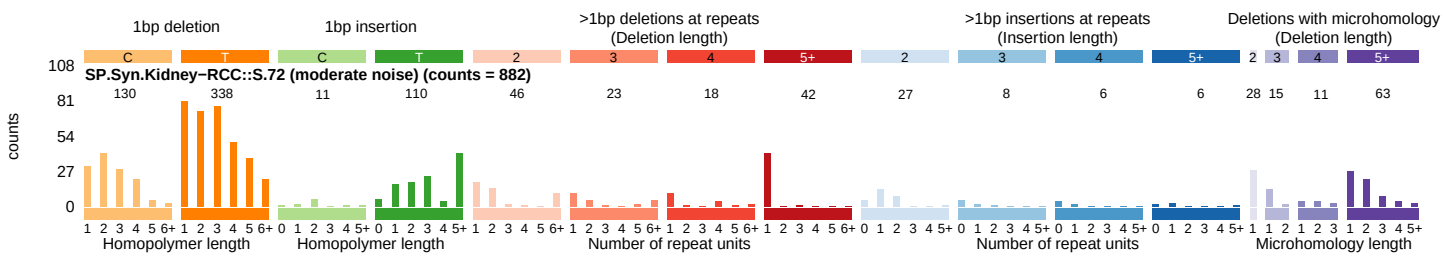
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.71 (moderate noise) (counts = 945)
186 296 50 181 40 22 16 27 25 6 2 8 18 18 10 40
counts
Homopolymer length
Number of repeat units
Microhomology length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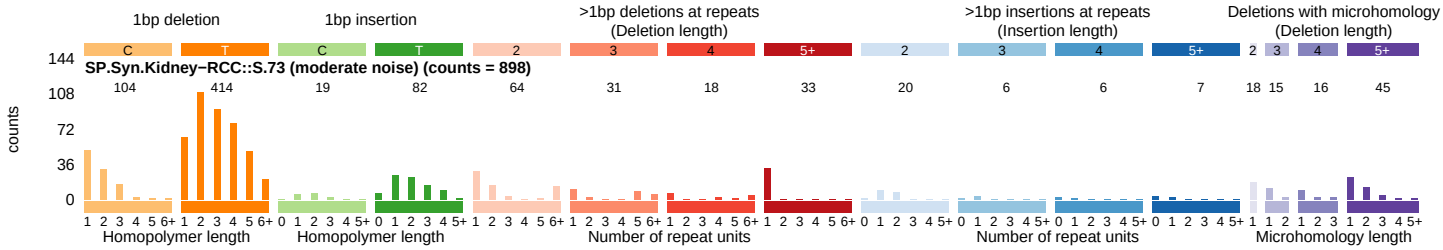
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.72 (moderate noise) (counts = 882)
130 338 11 110 46 23 18 42 27 8 6 6 28 15 11 63
counts
Homopolymer length
Number of repeat units
Microhomology length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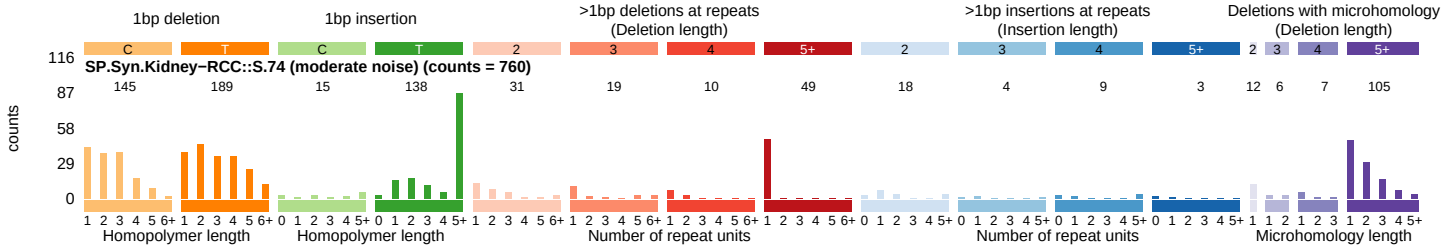
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.73 (moderate noise) (counts = 898)
counts
Homopolymer length
Number of repeat units
Microhomology length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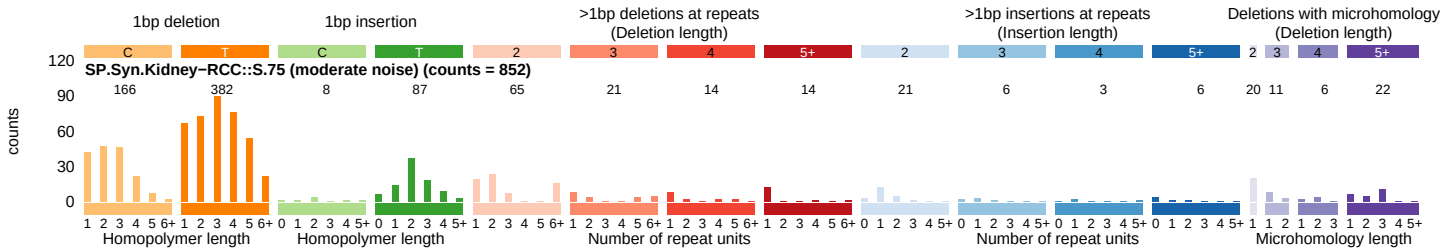
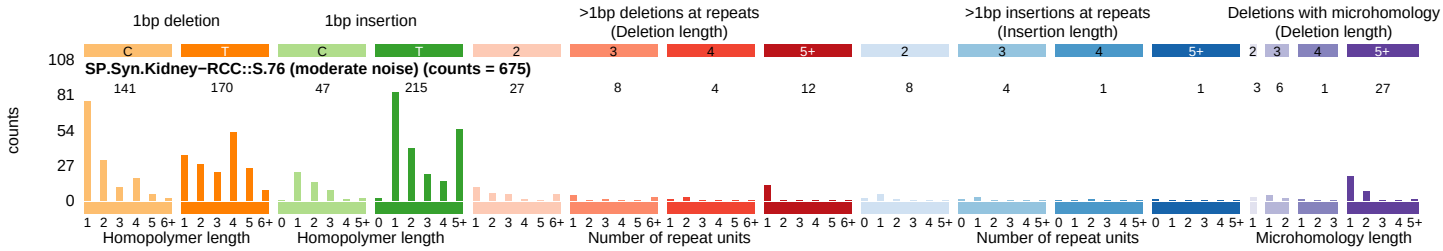
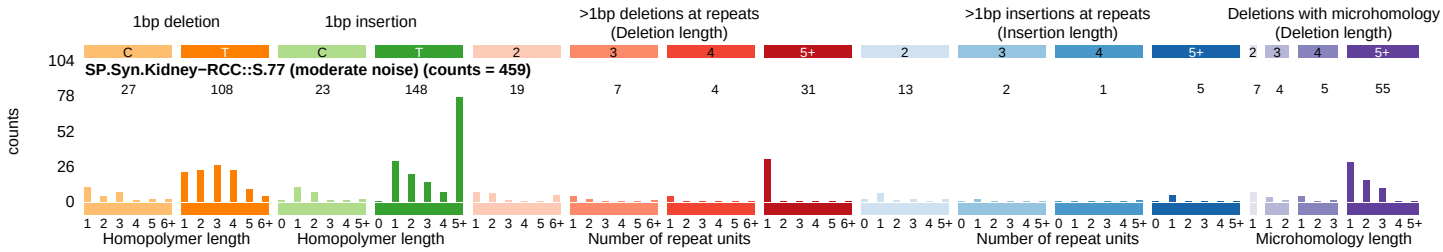
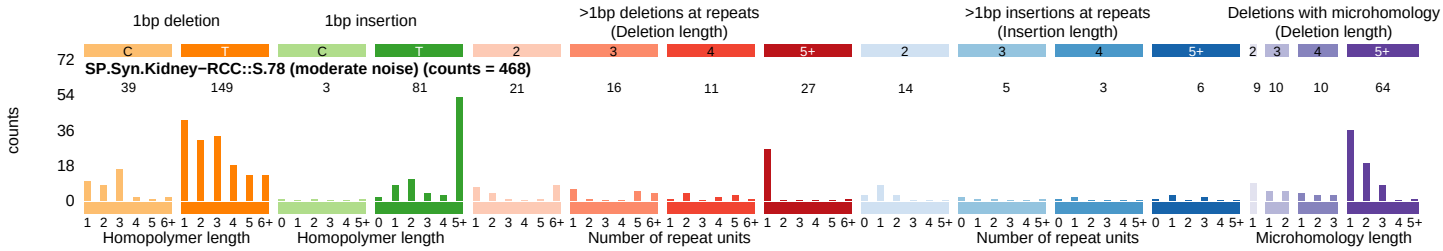
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.74 (moderate noise) (counts = 760)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.75 (moderate noise) (counts = 852)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (moderate noise) (counts = 675)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.77 (moderate noise) (counts = 459)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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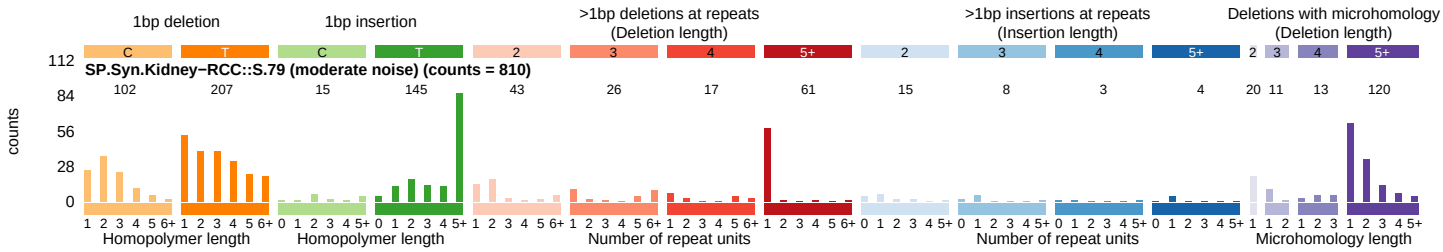
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.78 (moderate noise) (counts = 468)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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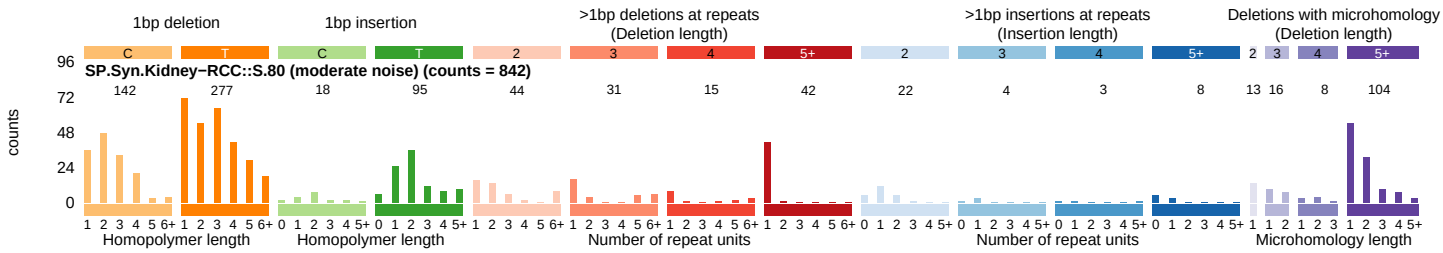
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.79 (moderate noise) (counts = 810)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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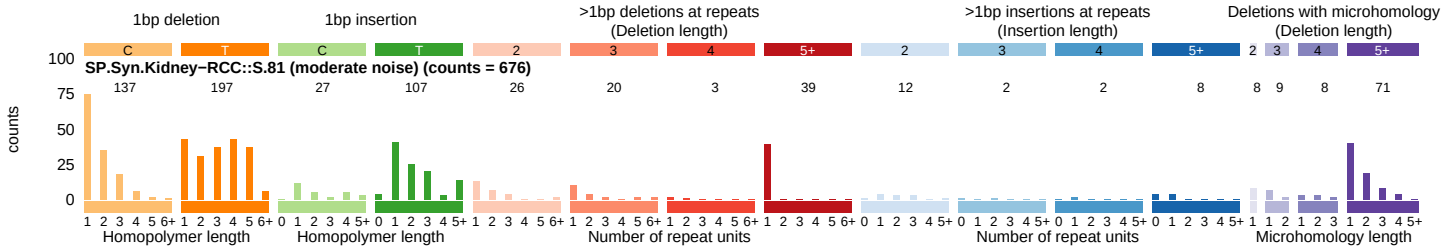
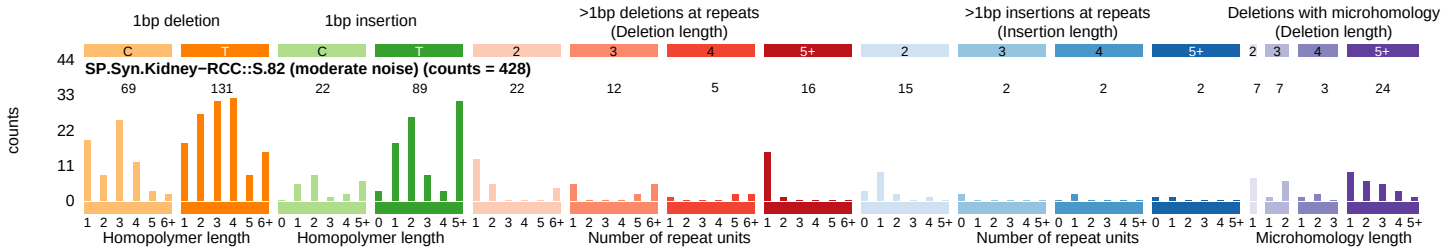
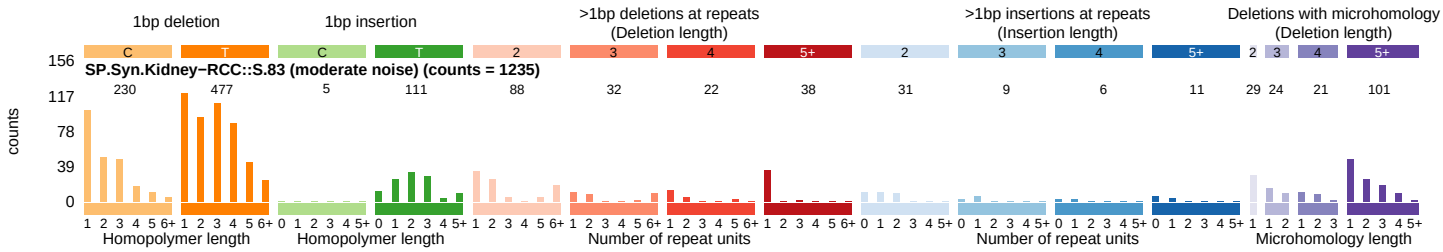
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.80 (moderate noise) (counts = 842)
counts
Homopolymer length
Number of repeat units
Microhomology length


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.81 (moderate noise) (counts = 676)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.82 (moderate noise) (counts = 428)
counts
Homopolymer length
Number of repeat units
Microhomology length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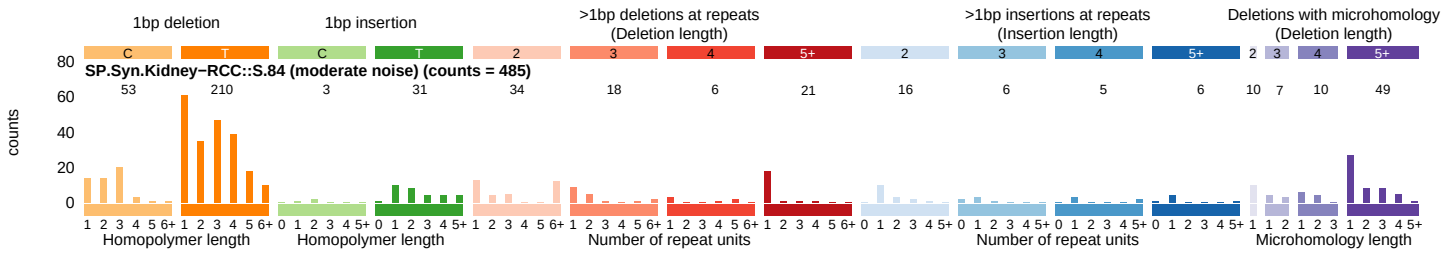
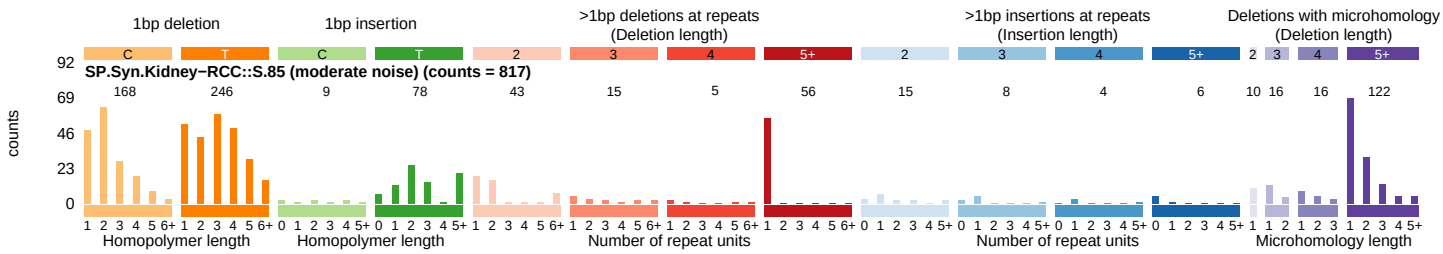
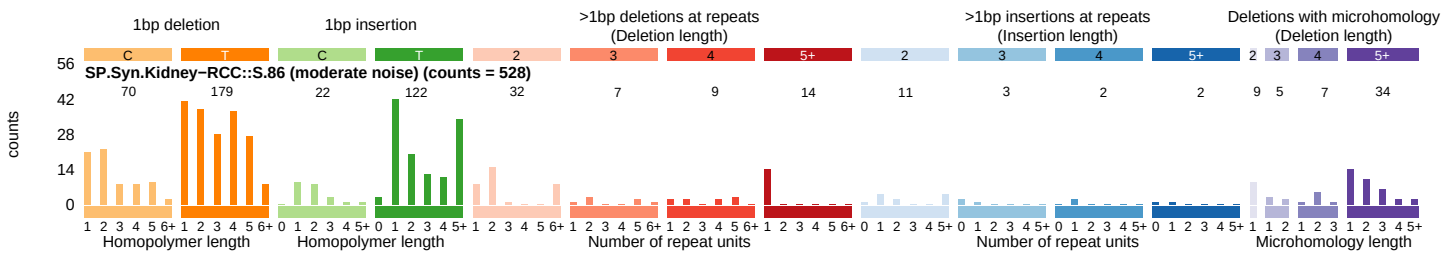
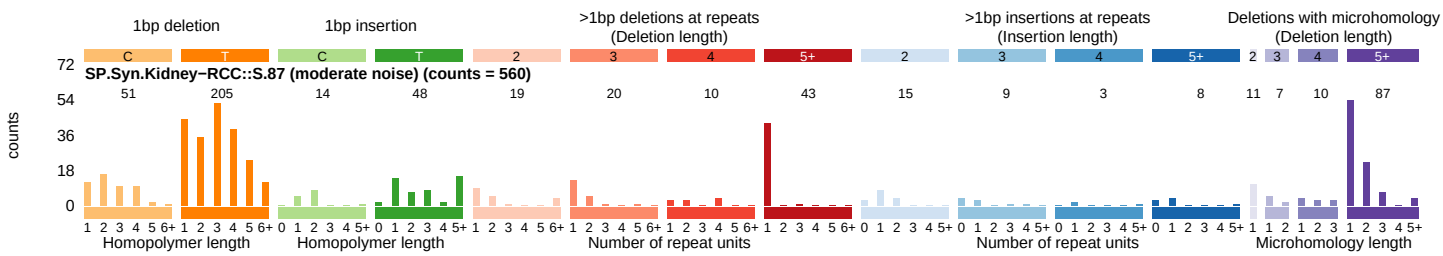
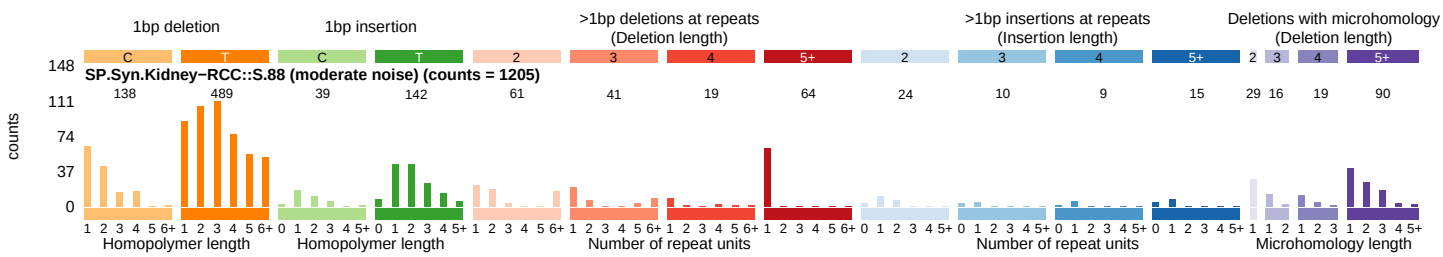
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.83 (moderate noise) (counts = 1235)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (moderate noise) (counts = 485)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (moderate noise) (counts = 817)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.86 (moderate noise) (counts = 528)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (moderate noise) (counts = 560)
counts
Homopolymer length
Number of repeat units
Microhomology length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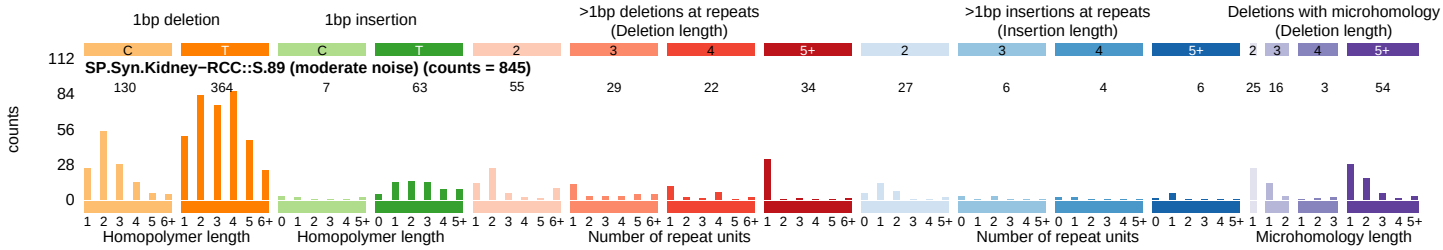
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.88 (moderate noise) (counts = 1205)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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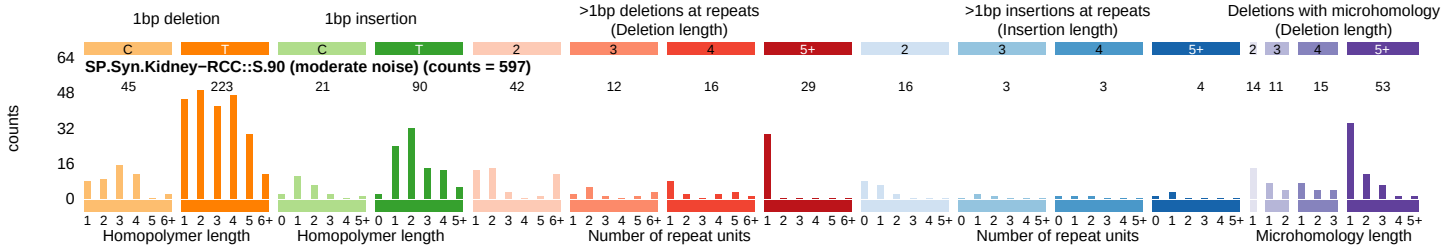
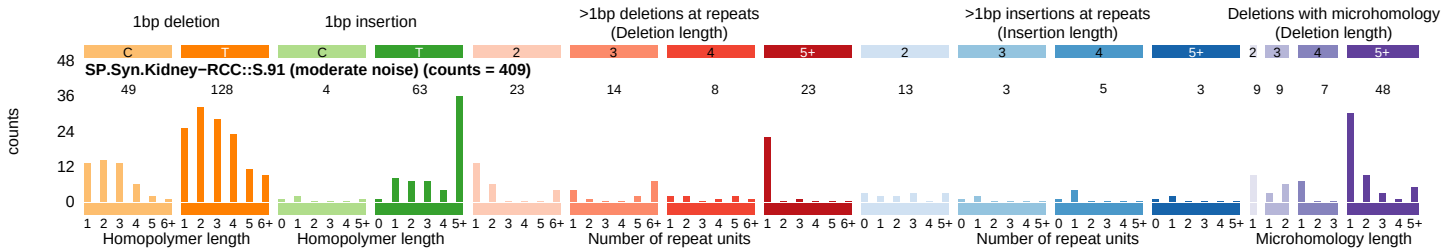
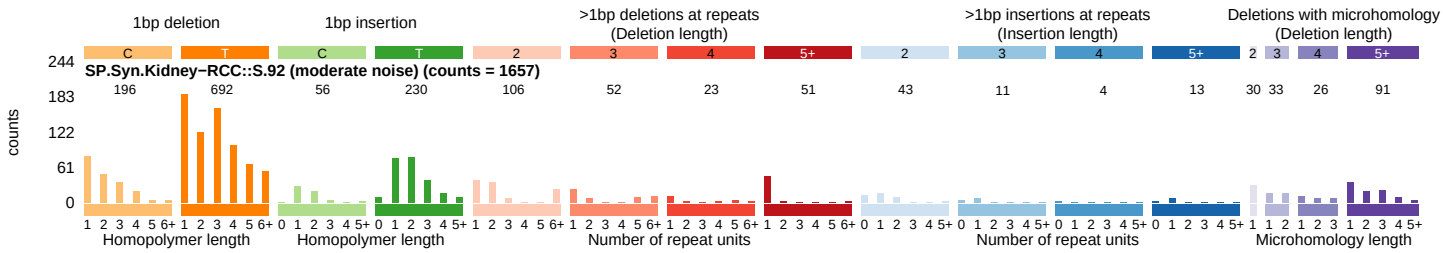
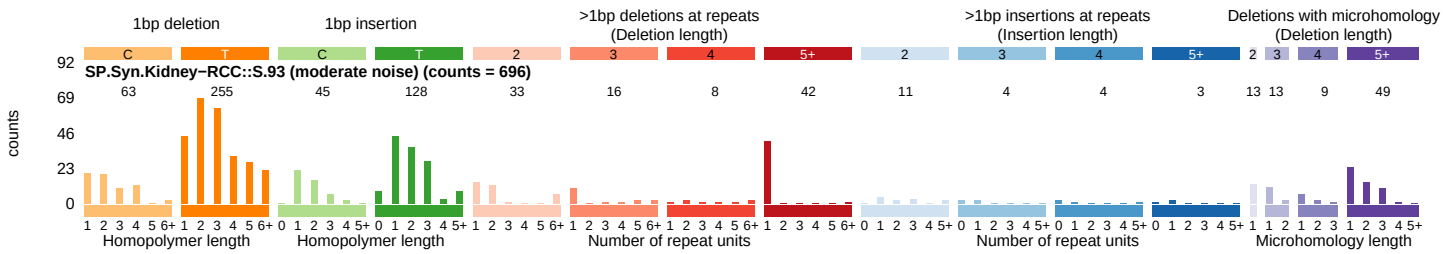
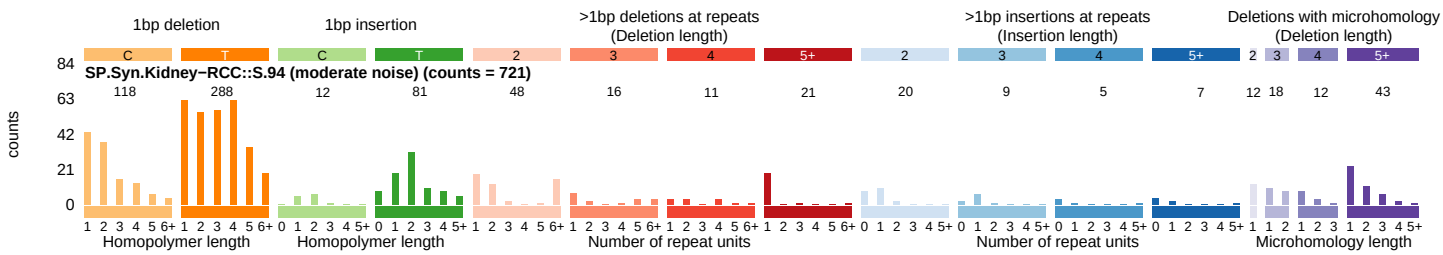
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.89 (moderate noise) (counts = 845)
130 364 7 63 55 29 22 34 27 6 4 6 25 16 3 54
counts
Homopolymer length
Number of repeat units
Microhomology length

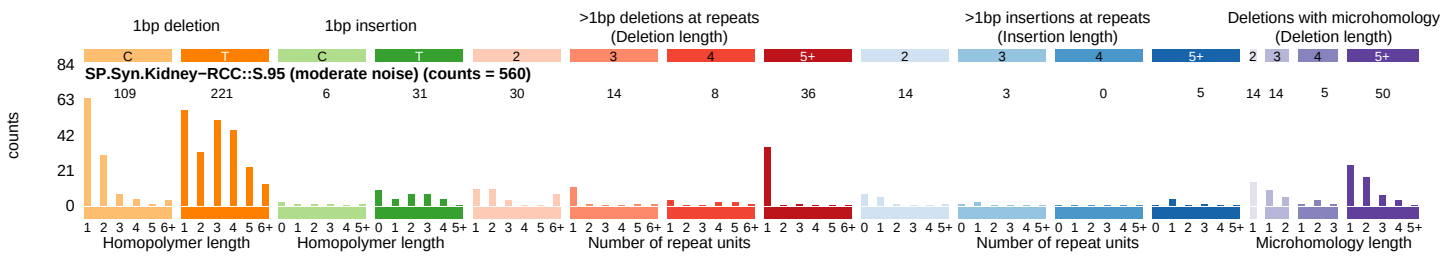

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.90 (moderate noise) (counts = 597)
45 223 21 90 42 12 16 29 16 3 3 4 14 11 15 53
counts
Homopolymer length
Number of repeat units
Microhomology length

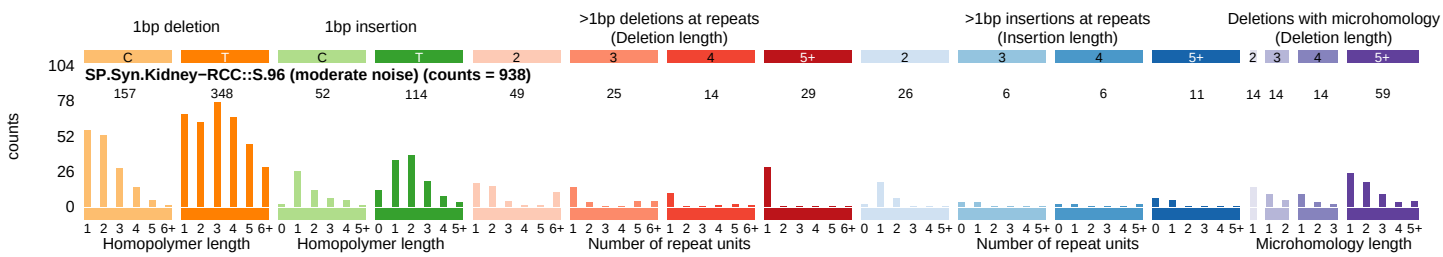

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.91 (moderate noise) (counts = 409)
49 128 4 63 23 14 8 23 13 3 5 3 9 9 7 48
counts
Homopolymer length
Number of repeat units
Microhomology length

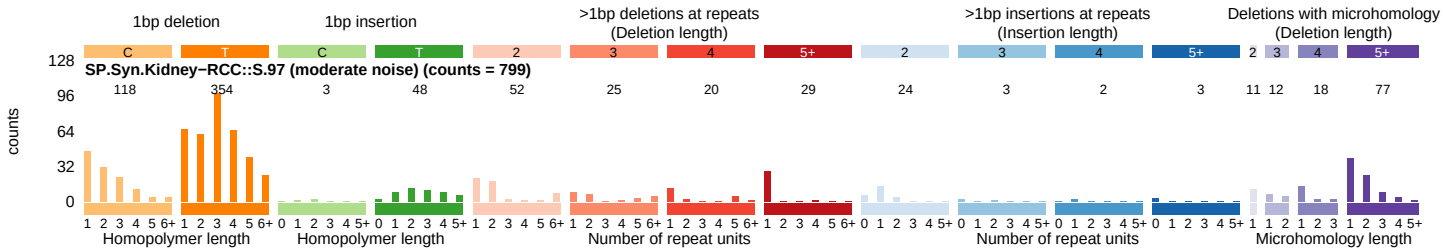

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.92 (moderate noise) (counts = 1657)
196 692 56 230 106 52 23 51 43 11 4 13 30 33 26 91
counts
Homopolymer length
Number of repeat units
Microhomology length

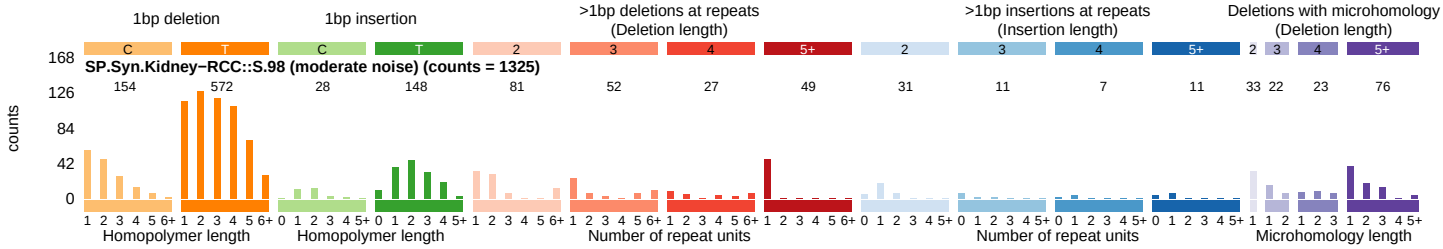

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.93 (moderate noise) (counts = 696)
63 255 45 128 33 16 8 42 11 4 4 3 13 13 9 49
counts
Homopolymer length
Number of repeat units
Microhomology length

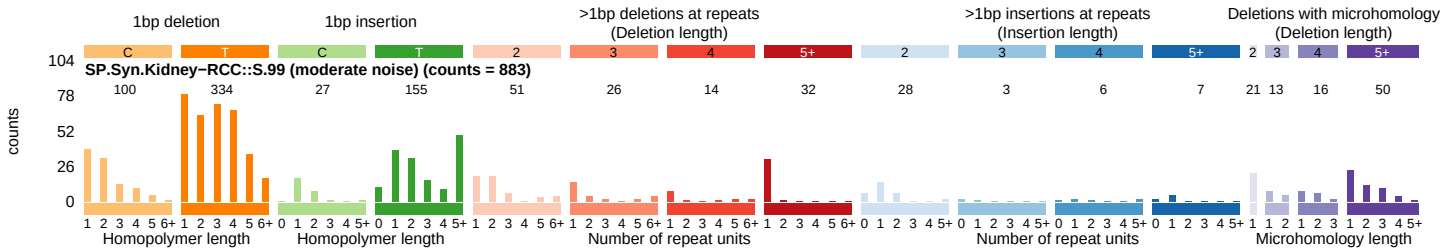

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.94 (moderate noise) (counts = 721)
118 288 12 81 48 16 11 21 20 9 5 7 12 18 12 43
counts
Homopolymer length
Number of repeat units
Microhomology length

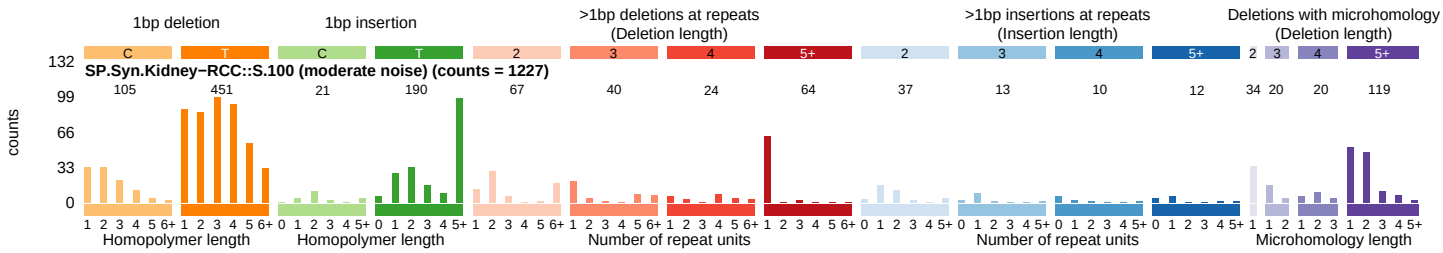

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.95 (moderate noise) (counts = 560)
109 221 6 31 30 14 8 36 14 3 0 5 14 14 5 50
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.96 (moderate noise) (counts = 938)
157 348 52 114 49 25 14 29 26 6 6 11 14 14 14 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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.97 (moderate noise) (counts = 799)
118 354 3 48 52 25 20 29 24 3 2 3 11 12 18 77
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


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.98 (moderate noise) (counts = 1325)
154 572 28 148 81 52 27 49 31 11 7 11 33 22 23 76
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.Kidney−RCC::S.99 (moderate noise) (counts = 883)
100 334 27 155 51 26 14 32 28 3 6 7 21 13 16 50
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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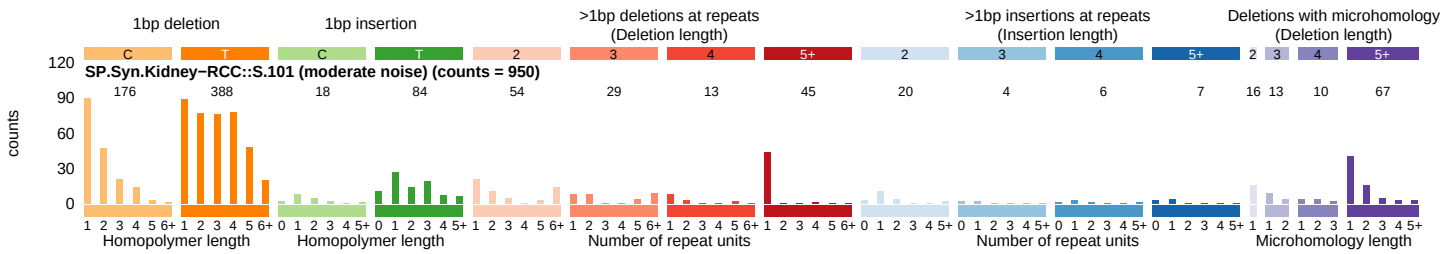
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.100 (moderate noise) (counts = 1227)
105 451 21 190 67 40 24 64 37 13 10 12 34 20 20 119
counts
132 99 66 33 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 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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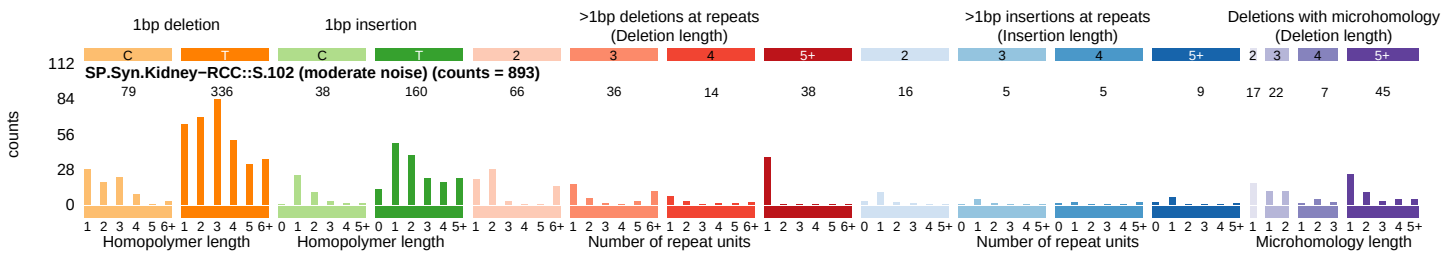
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.101 (moderate noise) (counts = 950)
176 388 18 84 54 29 13 45 20 4 6 7 16 13 10 67
counts
120 90 60 30 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 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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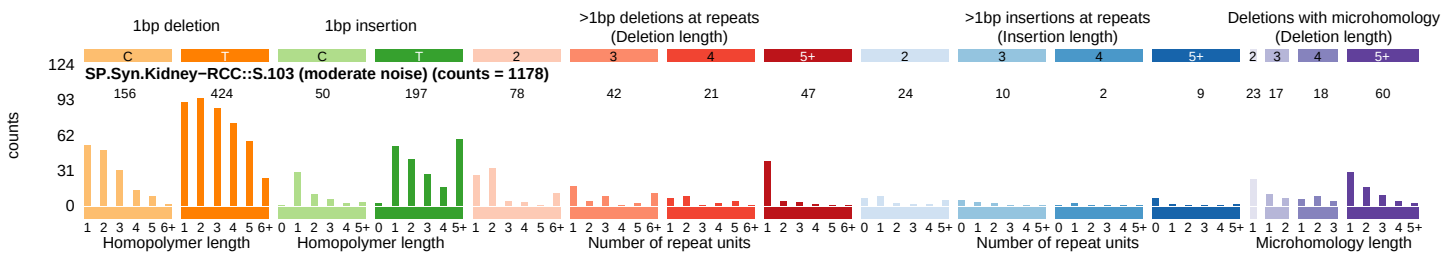
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.102 (moderate noise) (counts = 893)
79 336 38 160 66 36 14 38 16 5 5 9 17 22 7 45
counts
112 84 56 28 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 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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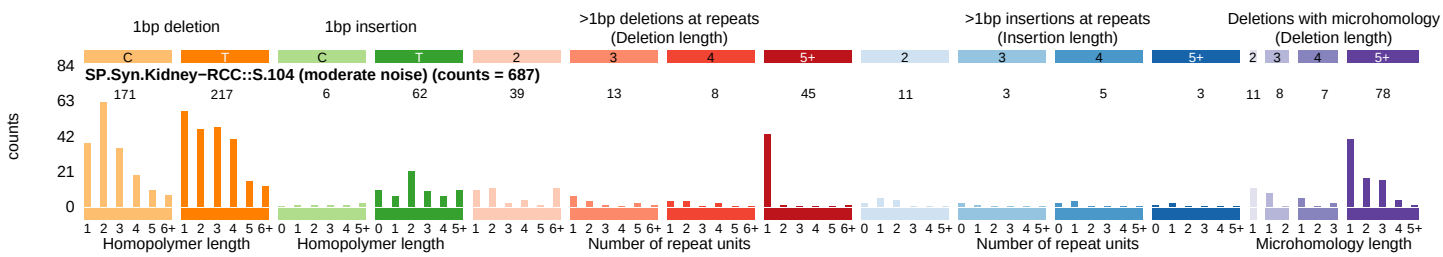
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.103 (moderate noise) (counts = 1178)
156 424 50 197 78 42 21 47 24 10 2 9 23 17 18 60
counts
124 93 62 31 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 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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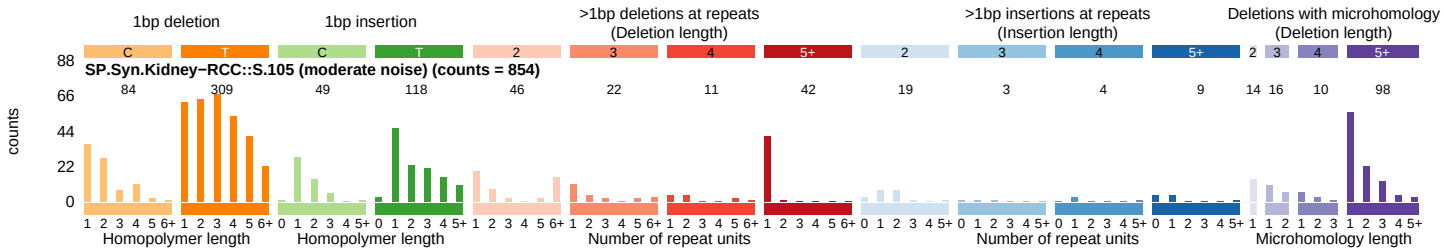
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.104 (moderate noise) (counts = 687)
171 217 6 62 39 13 8 45 11 3 5 3 11 8 7 78
counts
84 63 42 21 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 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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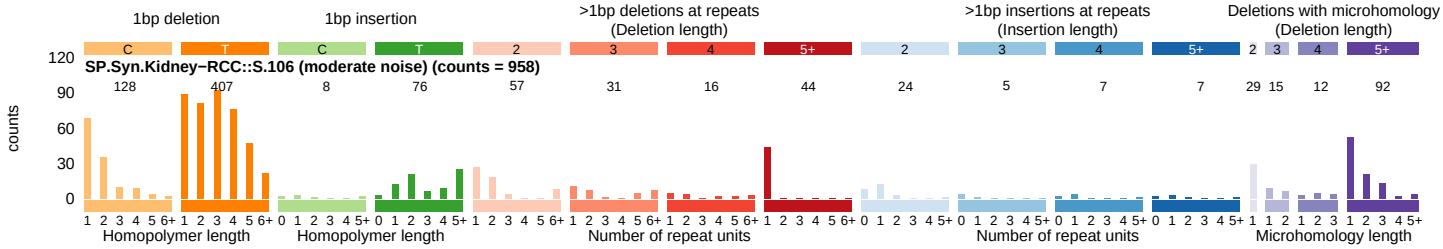
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.105 (moderate noise) (counts = 854)
84 309 49 118 46 22 11 42 19 3 4 9 14 16 10 98
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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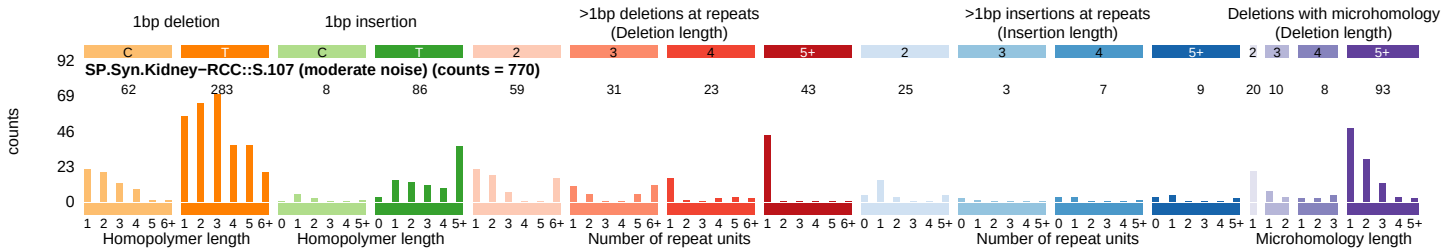
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.106 (moderate noise) (counts = 958)
128 407 8 76 57 31 16 44 24 5 7 7 29 15 12 92
counts
Homopolymer length
Number of repeat units
Microhomology length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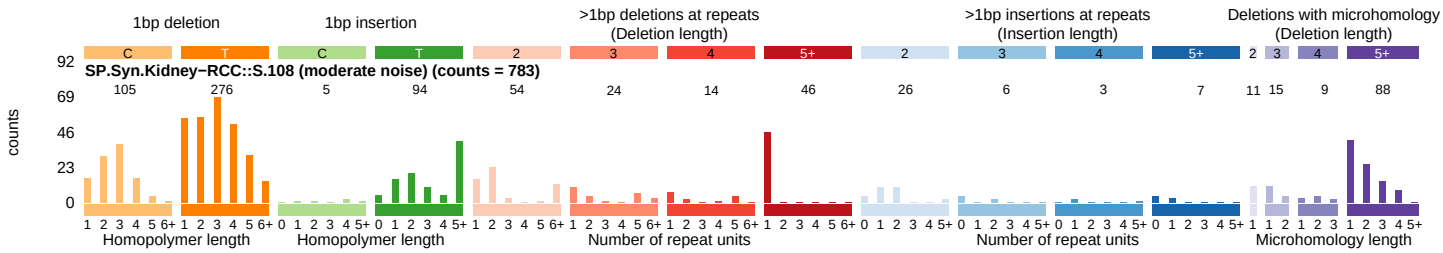
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.107 (moderate noise) (counts = 770)
62 283 8 86 59 31 23 43 25 3 7 9 20 10 8 93
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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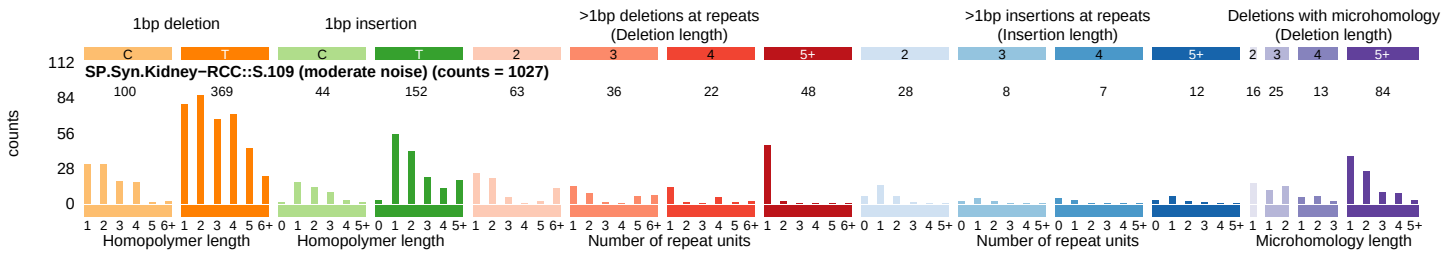
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.108 (moderate noise) (counts = 783)
105 276 5 94 54 24 14 46 26 6 3 7 11 15 9 88
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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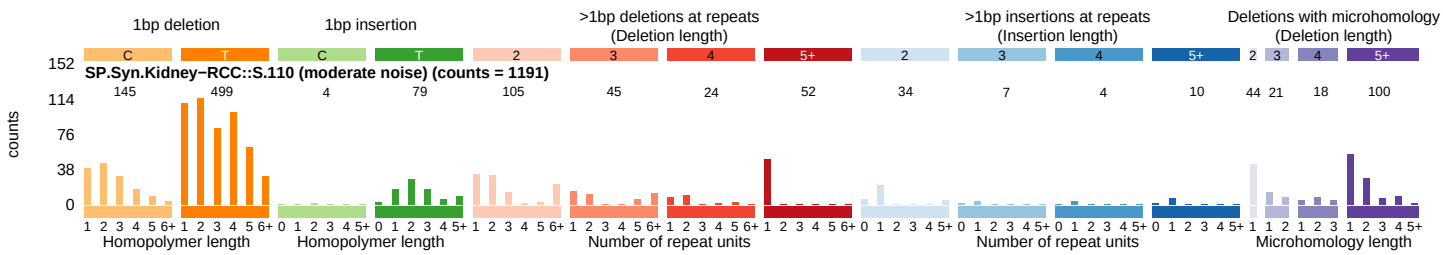
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.109 (moderate noise) (counts = 1027)
100 369 44 152 63 36 22 48 28 8 7 12 16 25 13 84
counts
Homopolymer length
Number of repeat units
Microhomology length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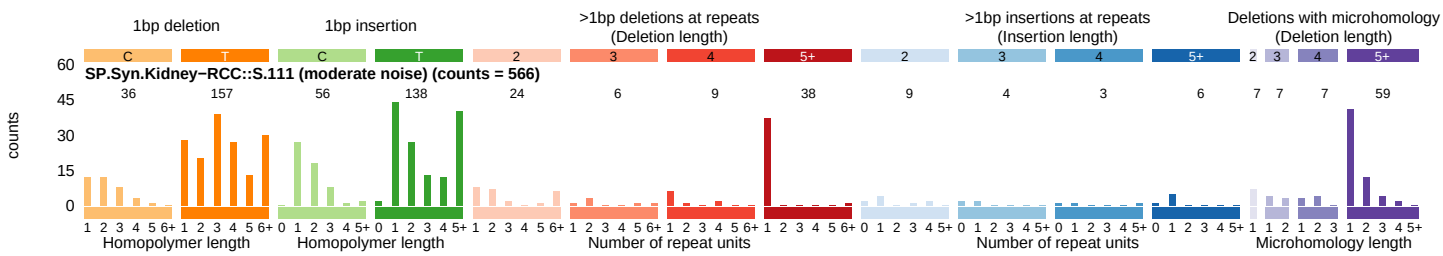
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.110 (moderate noise) (counts = 1191)
145 499 4 79 105 45 24 52 34 7 4 10 44 21 18 100
counts
Homopolymer length
Number of repeat units
Microhomology length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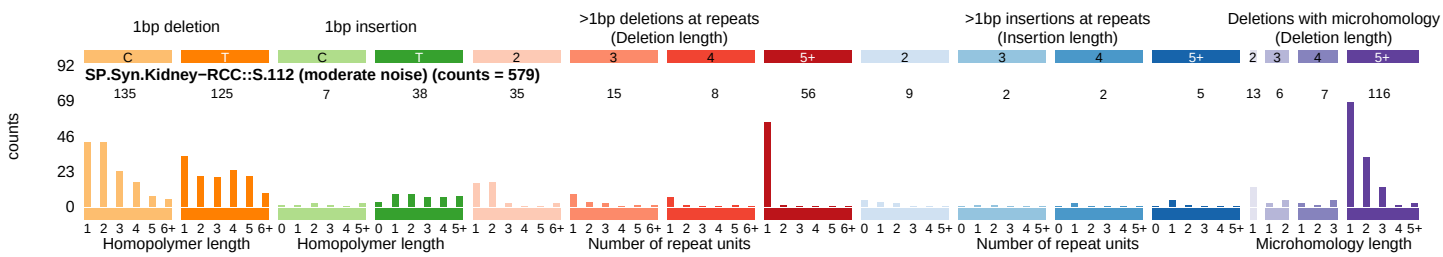
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.111 (moderate noise) (counts = 566)
36 157 56 138 24 6 9 38 9 4 3 6 7 7 7 59
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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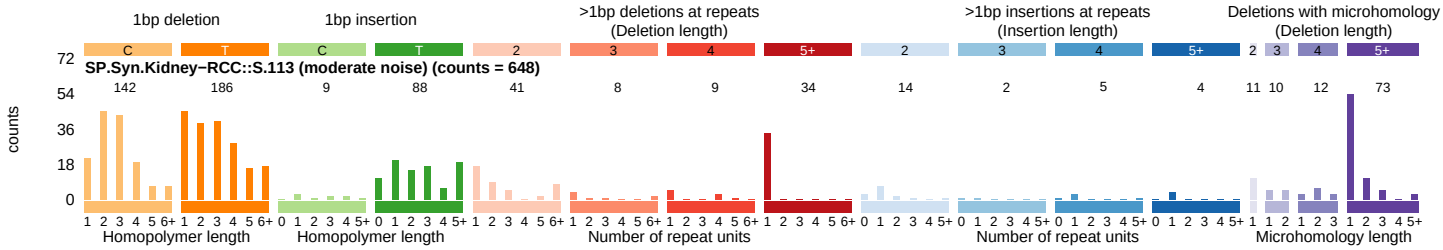
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Kidney−RCC::S.112 (moderate noise) (counts = 579)
135 125 7 38 35 15 8 56 9 2 2 5 13 6 7 116
counts
Homopolymer length
Number of repeat units
Microhomology length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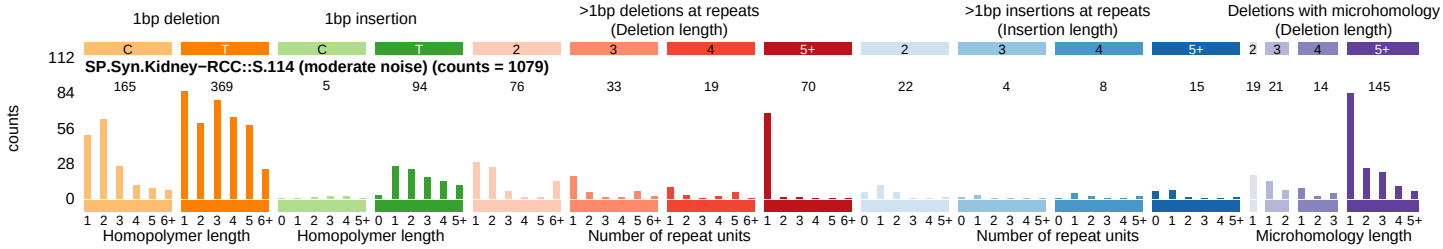
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.113 (moderate noise) (counts = 648)
142 186 9 88 41 8 9 34 14 2 5 4 11 10 12 73
counts
Homopolymer length
Number of repeat units
Microhomology length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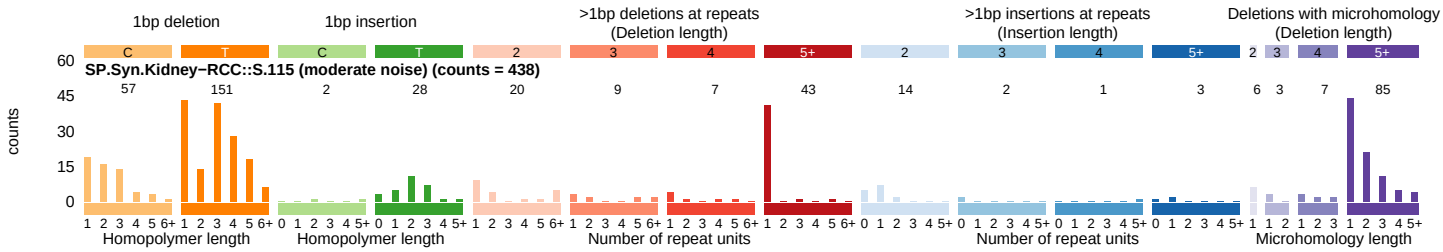
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.114 (moderate noise) (counts = 1079)
165 369 5 94 76 33 19 70 22 4 8 15 19 21 14 145
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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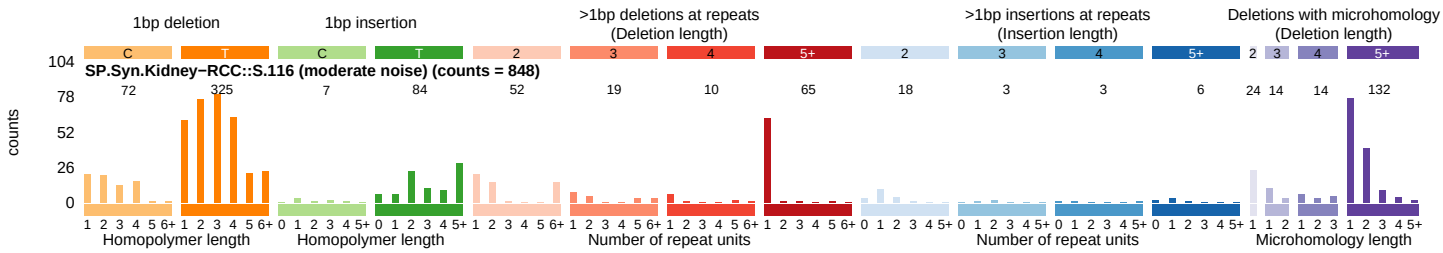
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.115 (moderate noise) (counts = 438)
57 151 2 28 20 9 7 43 14 2 1 3 6 3 7 85
counts
Homopolymer length
Number of repeat units
Microhomology length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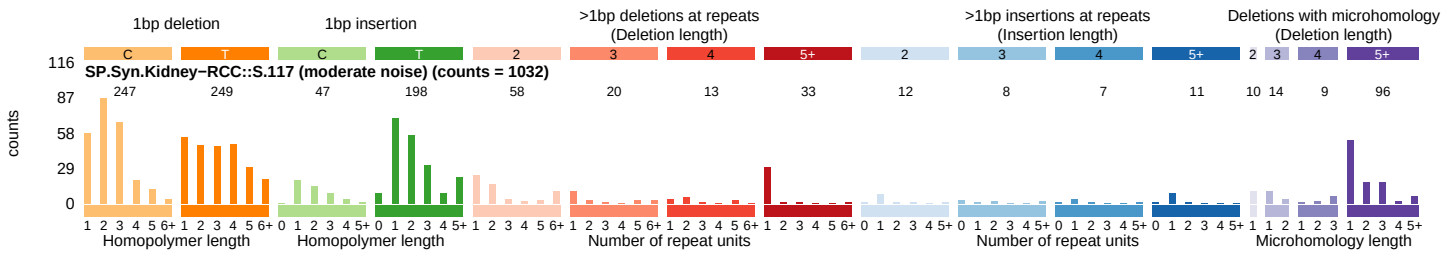
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.116 (moderate noise) (counts = 848)
72 325 7 84 52 19 10 65 18 3 3 6 24 14 14 132
counts
Homopolymer length
Number of repeat units
Microhomology length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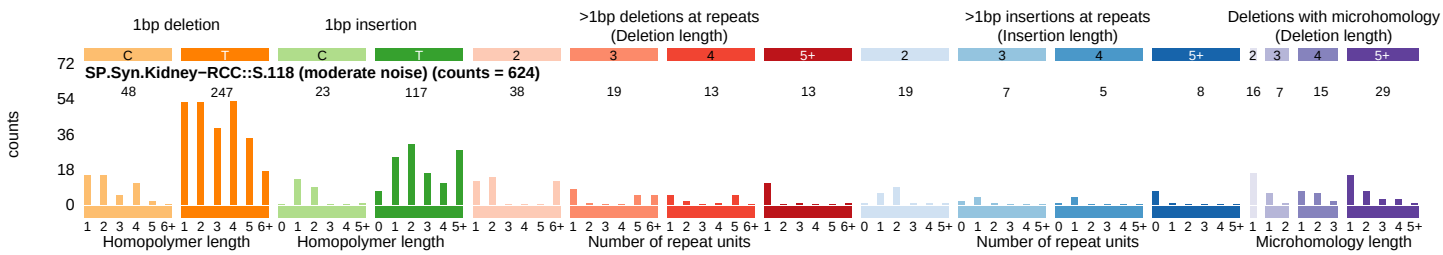
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.117 (moderate noise) (counts = 1032)
247 249 47 198 58 20 13 33 12 8 7 11 10 14 9 96
counts
Homopolymer length
Number of repeat units
Microhomology length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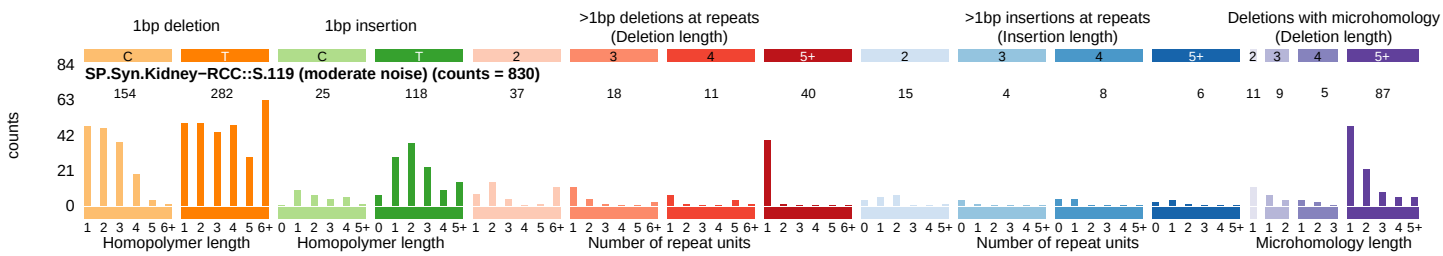
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.118 (moderate noise) (counts = 624)
48 247 23 117 38 19 13 13 19 7 5 8 16 7 15 29
counts
Homopolymer length
Number of repeat units
Microhomology length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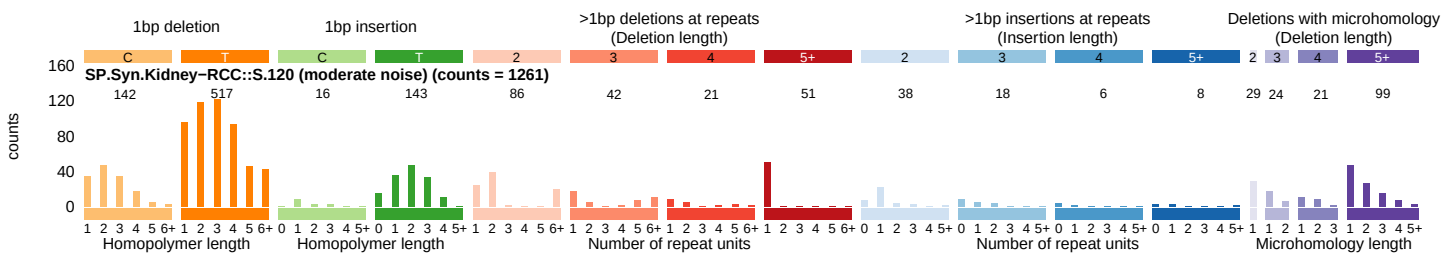
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.119 (moderate noise) (counts = 830)
154 282 25 118 37 18 11 40 15 4 8 6 11 9 5 87
counts
Homopolymer length
Number of repeat units
Microhomology length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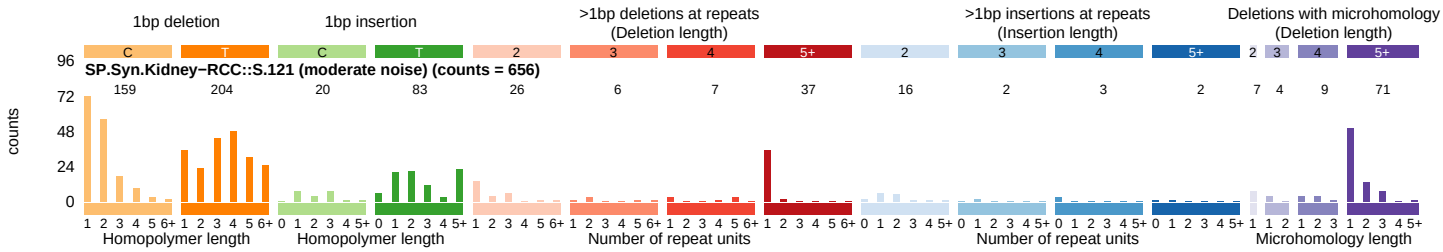
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.120 (moderate noise) (counts = 1261)
142 517 16 143 86 42 21 51 38 18 6 8 29 24 21 99
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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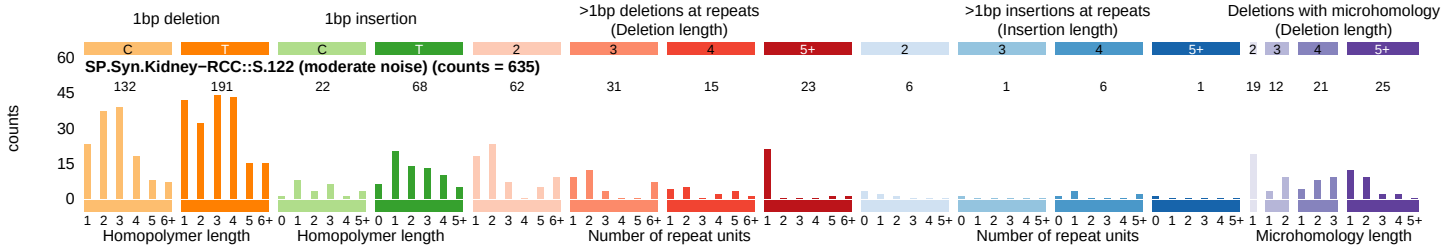
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.121 (moderate noise) (counts = 656)
159 204 20 83 26 6 7 37 16 2 3 2 7 4 9 71
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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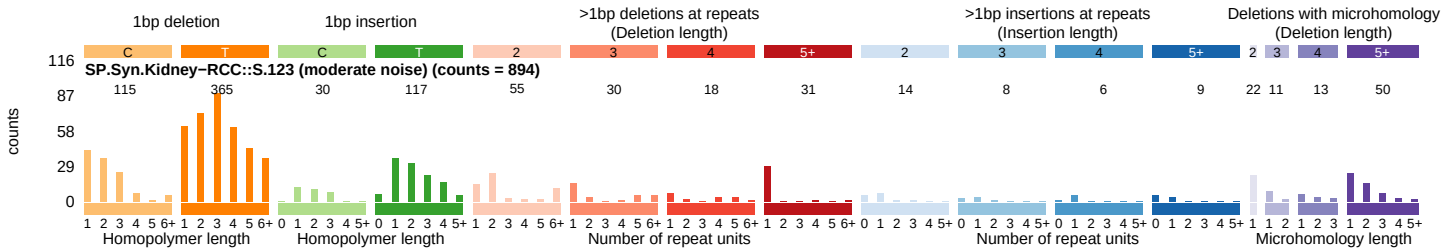
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.122 (moderate noise) (counts = 635)
132 191 22 68 62 31 15 23 6 1 6 1 19 12 21 25
counts
Homopolymer length
Number of repeat units
Microhomology length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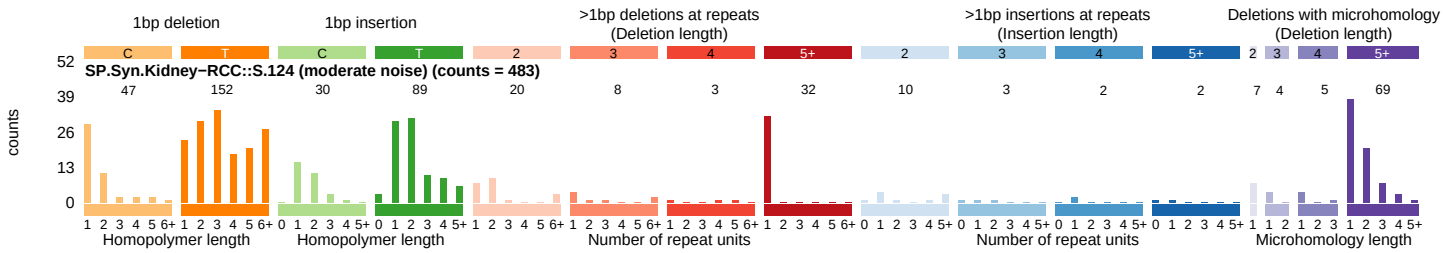
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.123 (moderate noise) (counts = 894)
115 365 30 117 55 30 18 31 14 8 6 9 22 11 13 50
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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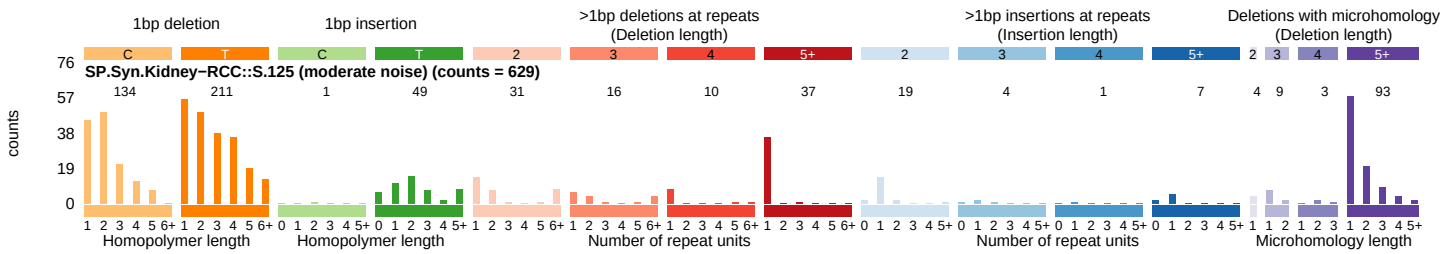
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.124 (moderate noise) (counts = 483)
47 152 30 89 20 8 3 32 10 3 2 2 7 4 5 69
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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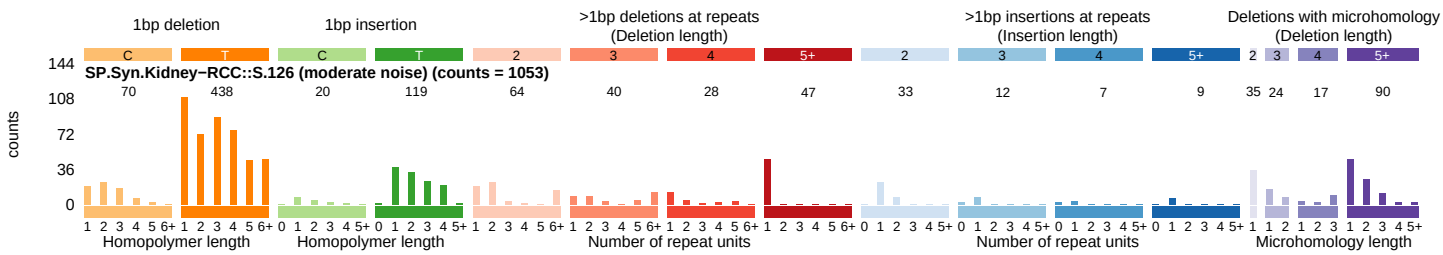
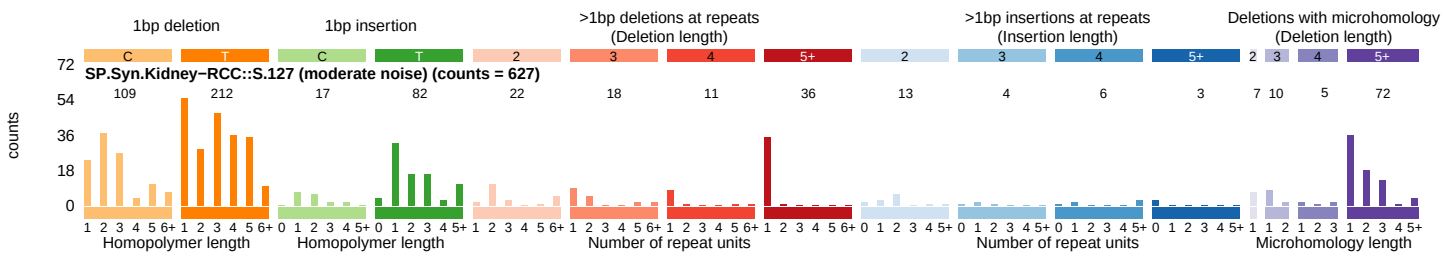
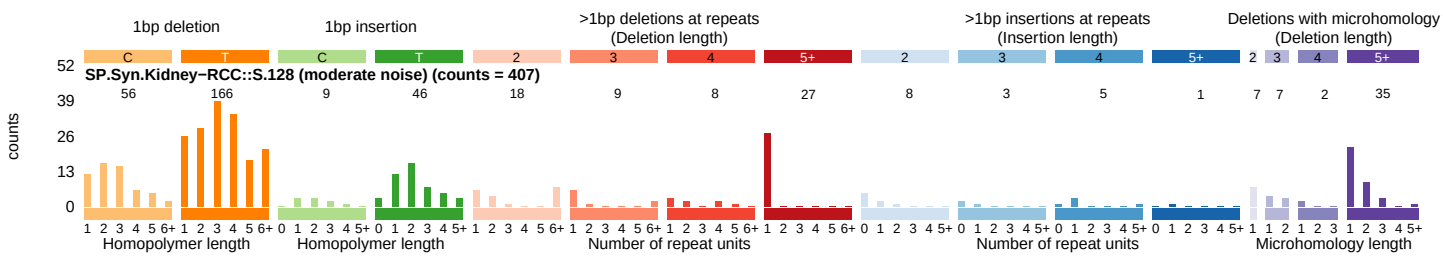
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.125 (moderate noise) (counts = 629)
134 211 1 49 31 16 10 37 19 4 1 7 4 9 3 93
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.126 (moderate noise) (counts = 1053)
70 438 20 119 64 40 28 47 33 12 7 9 35 24 17 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.Kidney−RCC::S.127 (moderate noise) (counts = 627)
109 212 17 82 22 18 11 36 13 4 6 3 7 10 5 72
counts
Homopolymer length
Number of repeat units
Microhomology length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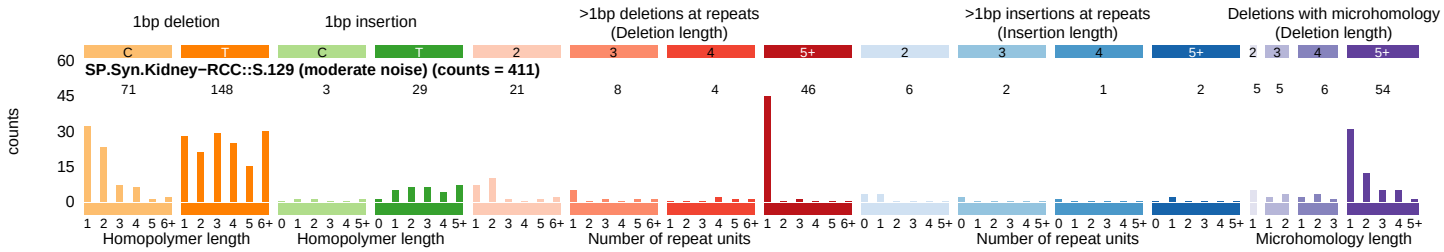
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.128 (moderate noise) (counts = 407)
56 166 9 46 18 9 8 27 8 3 5 1 7 7 2 35
counts
Homopolymer length
Number of repeat units
Microhomology length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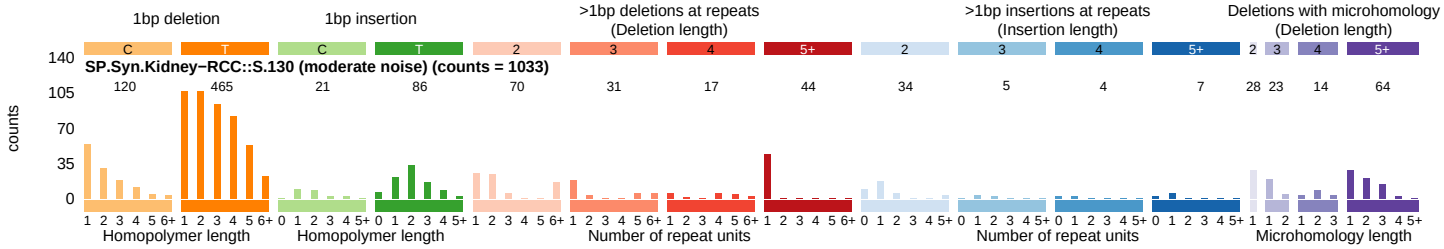
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.129 (moderate noise) (counts = 411)
71 148 3 29 21 8 4 46 6 2 1 2 5 5 6 54
counts
Homopolymer length
Number of repeat units
Microhomology length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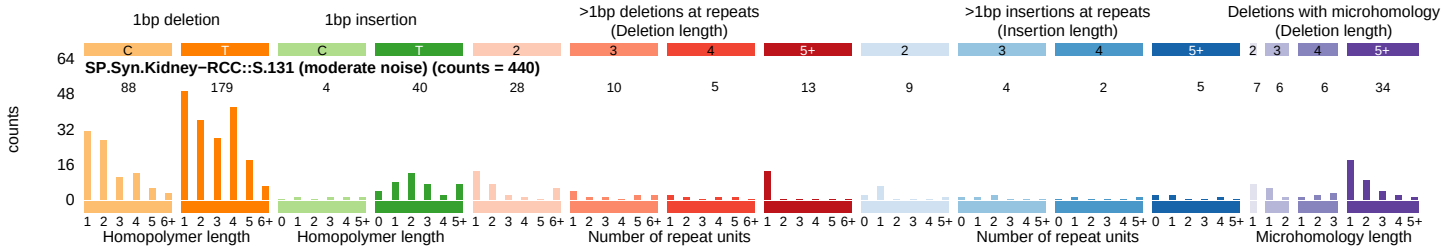
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.130 (moderate noise) (counts = 1033)
120 465 21 86 70 31 17 44 34 5 4 7 28 23 14 64
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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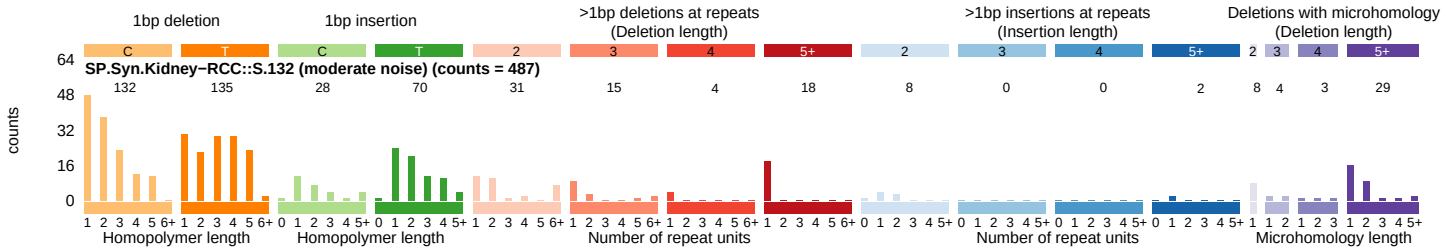
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.131 (moderate noise) (counts = 440)
88 179 4 40 28 10 5 13 9 4 2 5 7 6 6 34
counts
Homopolymer length
Number of repeat units
Microhomology length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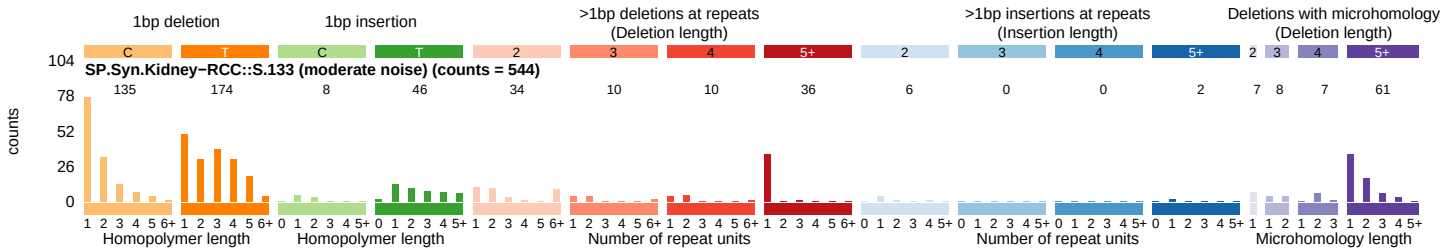
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.132 (moderate noise) (counts = 487)
132 135 28 70 31 15 4 18 8 0 0 2 8 4 3 29
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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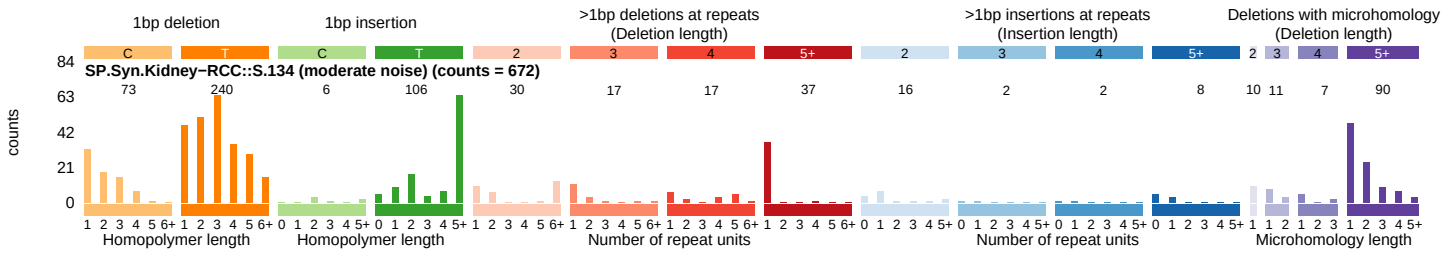
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.133 (moderate noise) (counts = 544)
135 174 8 46 34 10 10 36 6 0 0 2 7 8 7 61
counts
Homopolymer length
Number of repeat units
Microhomology length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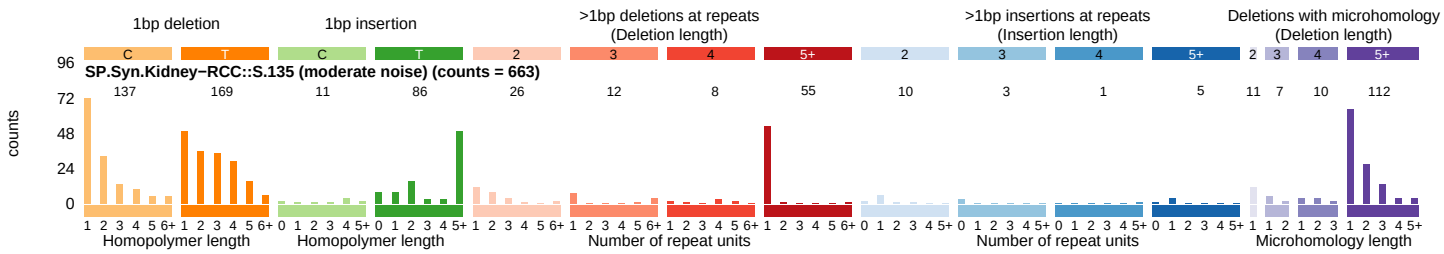
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.134 (moderate noise) (counts = 672)
73 240 6 106 30 17 17 37 16 2 2 8 10 11 7 90
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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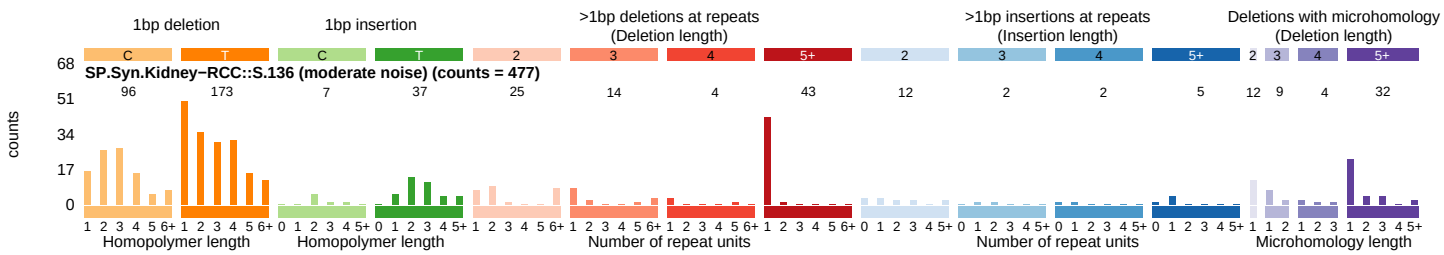
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.135 (moderate noise) (counts = 663)
137 169 11 86 26 12 8 55 10 3 1 5 11 7 10 112
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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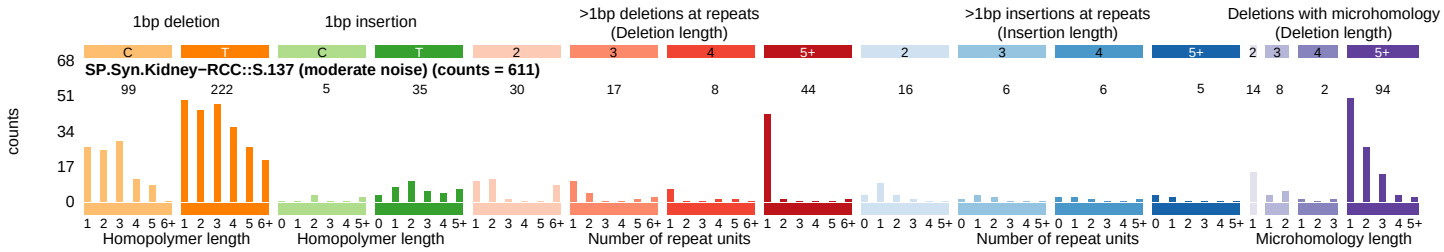
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.136 (moderate noise) (counts = 477)
96 173 7 37 25 14 4 43 12 2 2 5 12 9 4 32
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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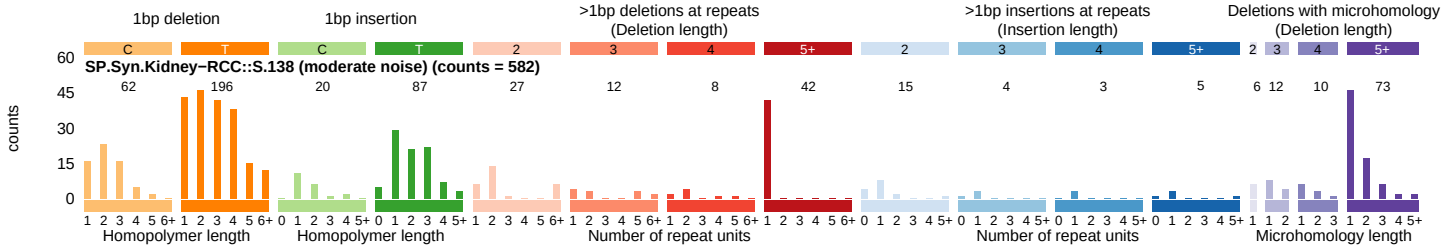
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.137 (moderate noise) (counts = 611)
99 222 5 35 30 17 8 44 16 6 6 5 14 8 2 94
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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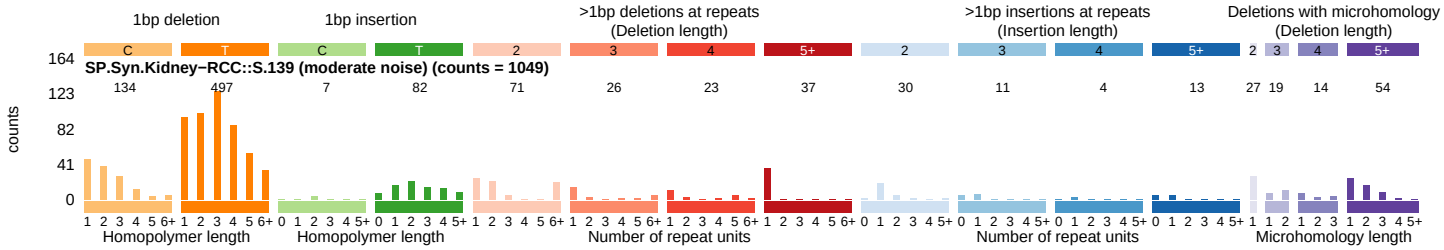
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.138 (moderate noise) (counts = 582)
62 196 20 87 27 12 8 42 15 4 3 5 6 12 10 73
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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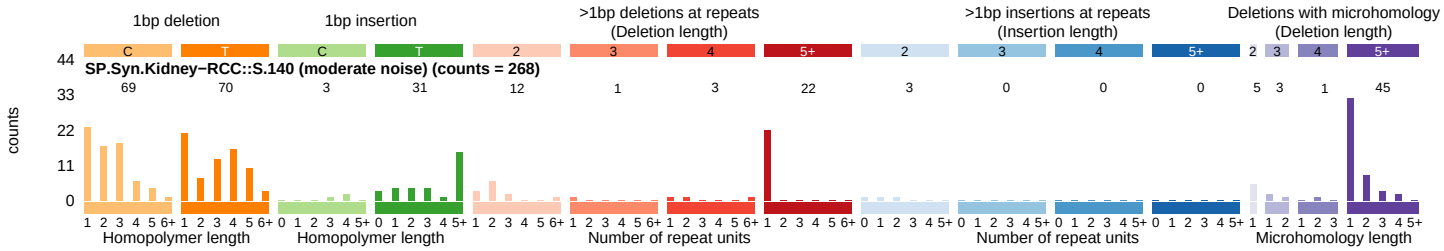
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.139 (moderate noise) (counts = 1049)
134 497 7 82 71 26 23 37 30 11 4 13 27 19 14 54
counts
Homopolymer length
Number of repeat units
Microhomology length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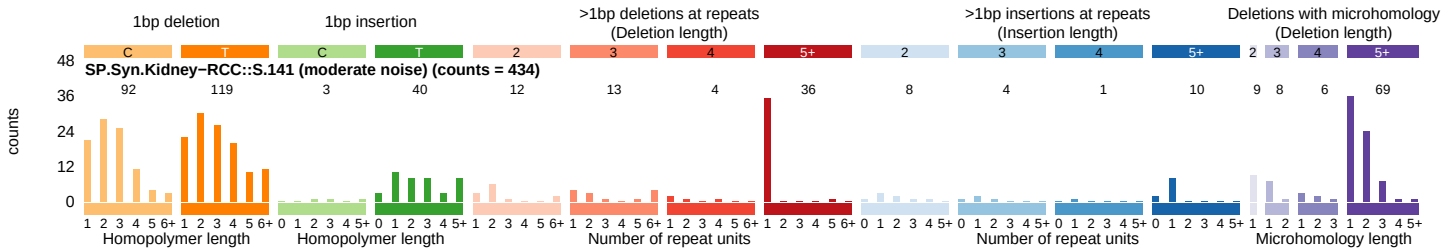
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.140 (moderate noise) (counts = 268)
69 70 3 31 12 1 3 22 3 0 0 0 5 3 1 45
counts
Homopolymer length
Number of repeat units
Microhomology length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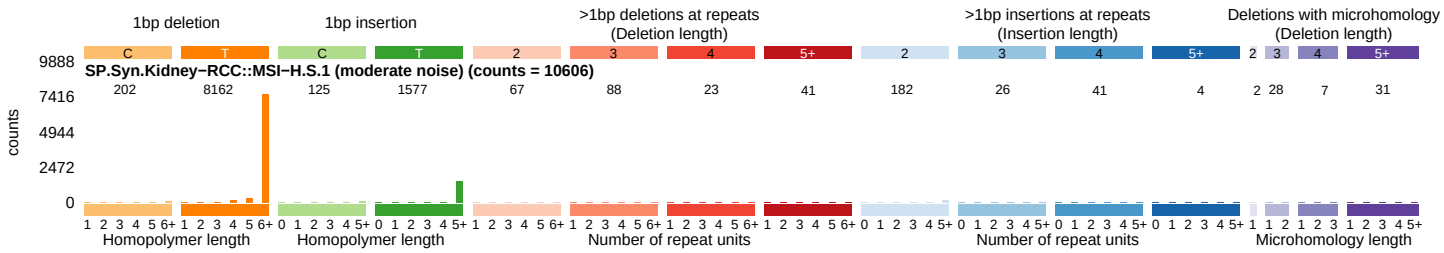
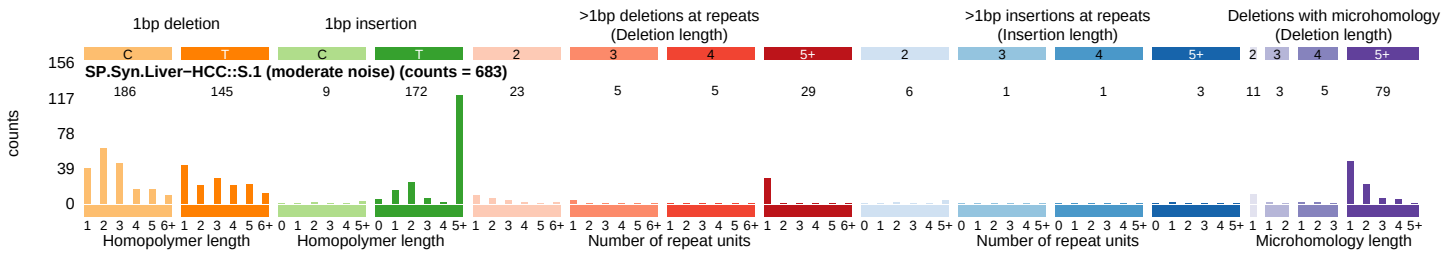
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::S.141 (moderate noise) (counts = 434)
92 119 3 40 12 13 4 36 8 4 1 10 9 8 6 69
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Kidney−RCC::MSI−H.S.1 (moderate noise) (counts = 10606)
202 8162 125 1577 67 88 23 41 182 26 41 4 2 28 7 31
counts
Homopolymer length
Number of repeat units
Microhomology length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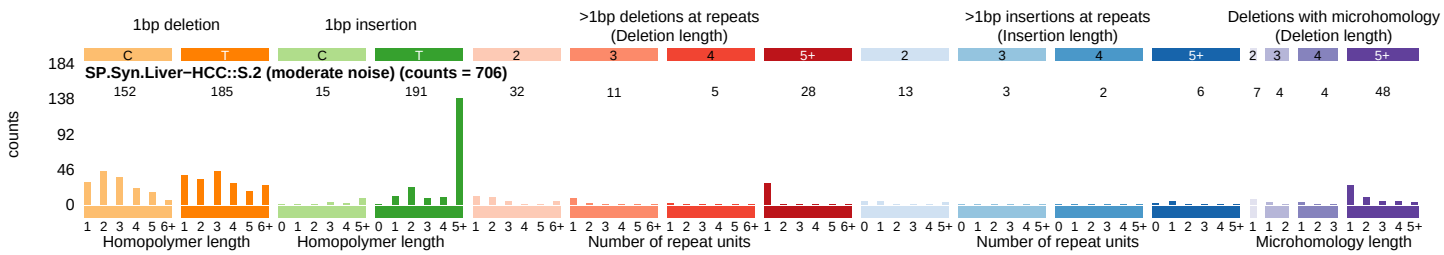
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.1 (moderate noise) (counts = 683)
186 145 9 172 23 5 5 29 6 1 1 3 11 3 5 79
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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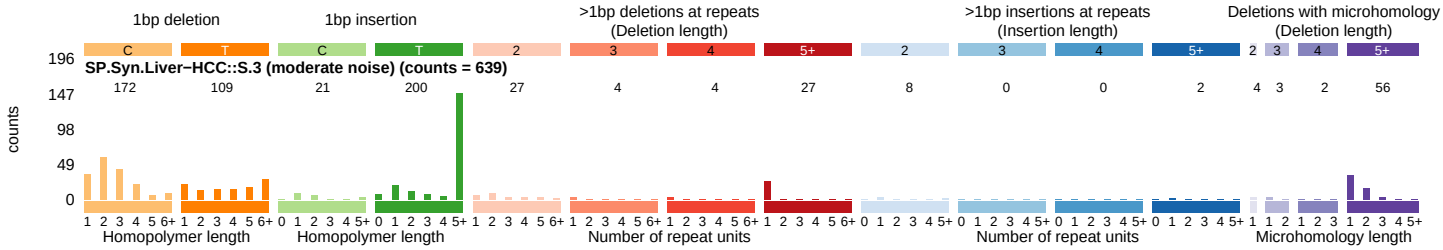
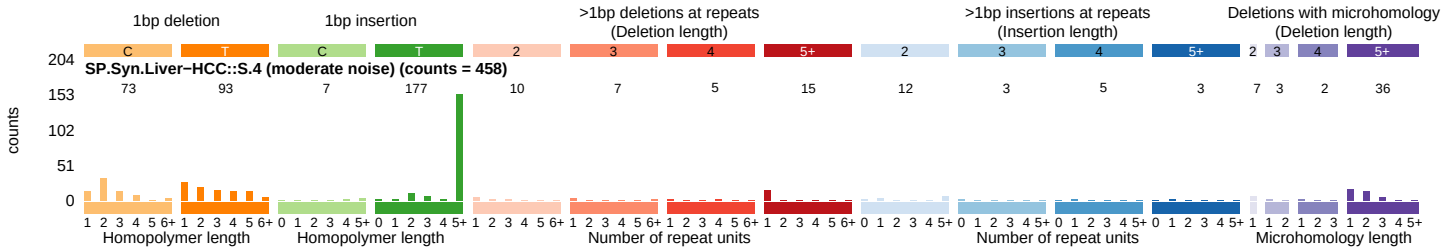
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.2 (moderate noise) (counts = 706)
152 185 15 191 32 11 5 28 13 3 2 6 7 4 4 48
counts
Homopolymer length
Number of repeat units
Microhomology length


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.3 (moderate noise) (counts = 639)
counts
Homopolymer length
Number of repeat units
Microhomology length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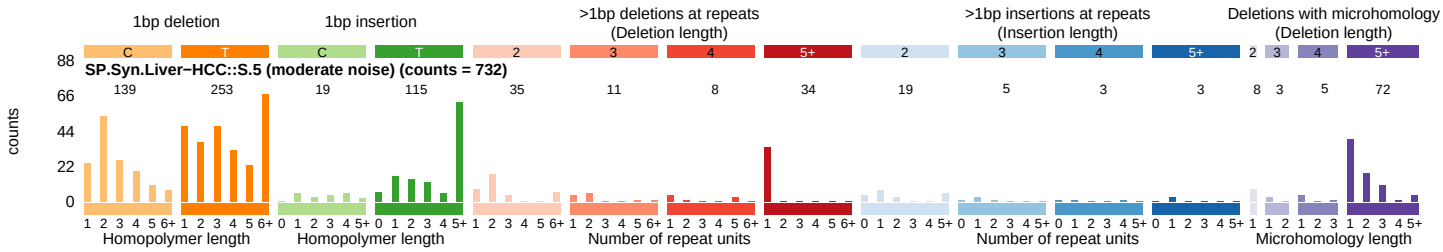
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.4 (moderate noise) (counts = 458)
counts
Homopolymer length
Number of repeat units
Microhomology length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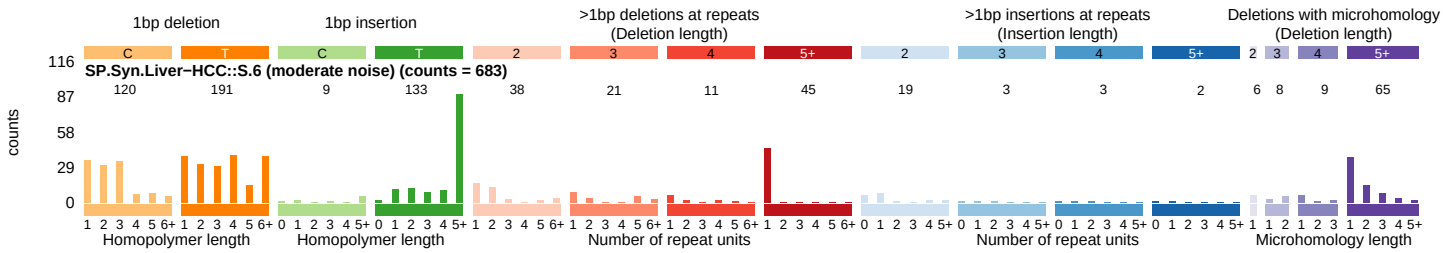
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.5 (moderate noise) (counts = 732)
counts
Homopolymer length
Number of repeat units
Microhomology length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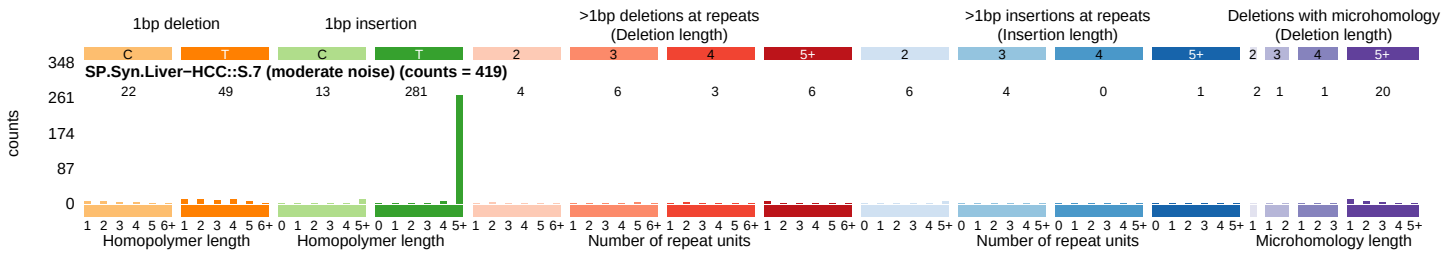
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.6 (moderate noise) (counts = 683)
counts
Homopolymer length
Number of repeat units
Microhomology length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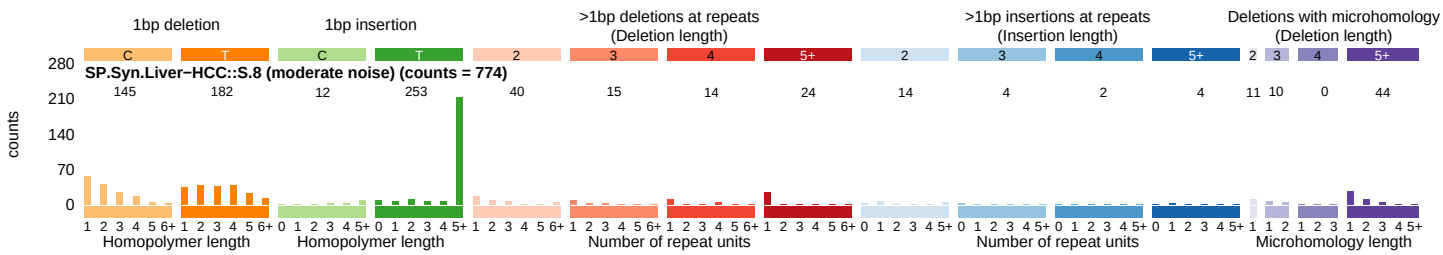
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.7 (moderate noise) (counts = 419)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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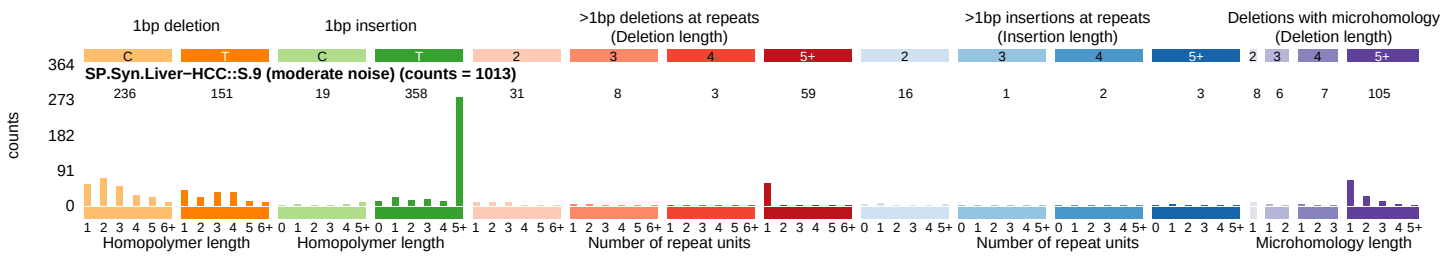
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.8 (moderate noise) (counts = 774)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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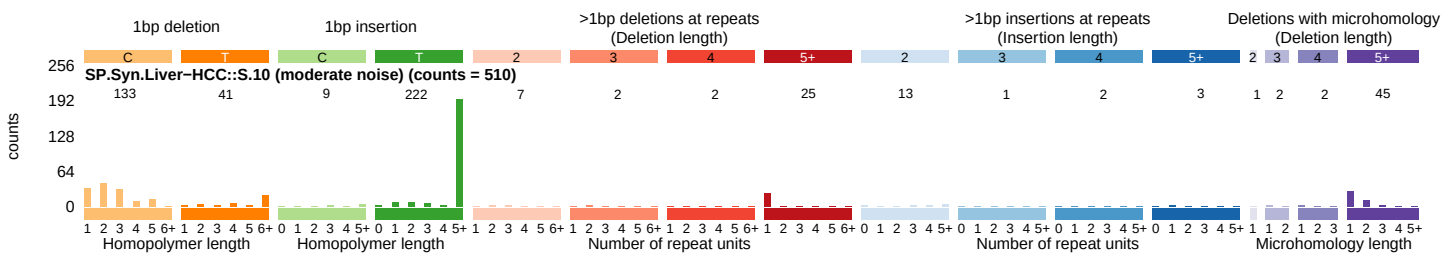
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.9 (moderate noise) (counts = 1013)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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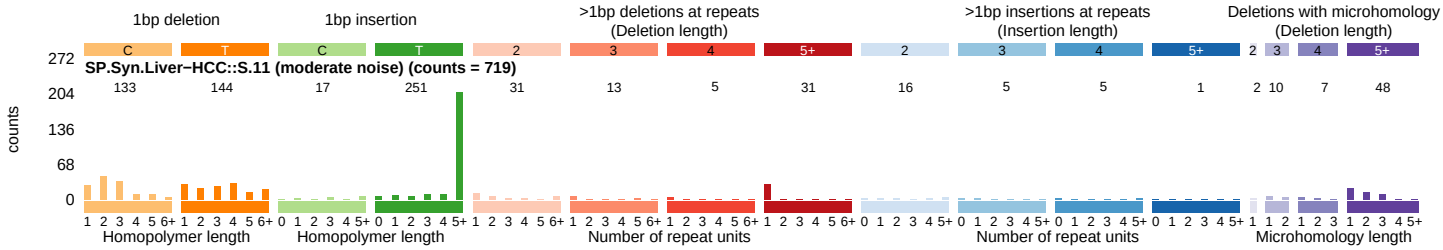
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.10 (moderate noise) (counts = 510)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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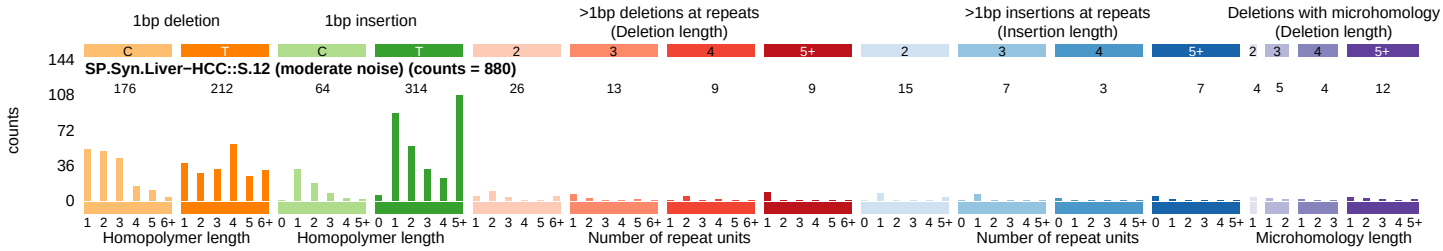
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.11 (moderate noise) (counts = 719)
133 144 17 251 31 13 5 31 16 5 5 1 2 10 7 48
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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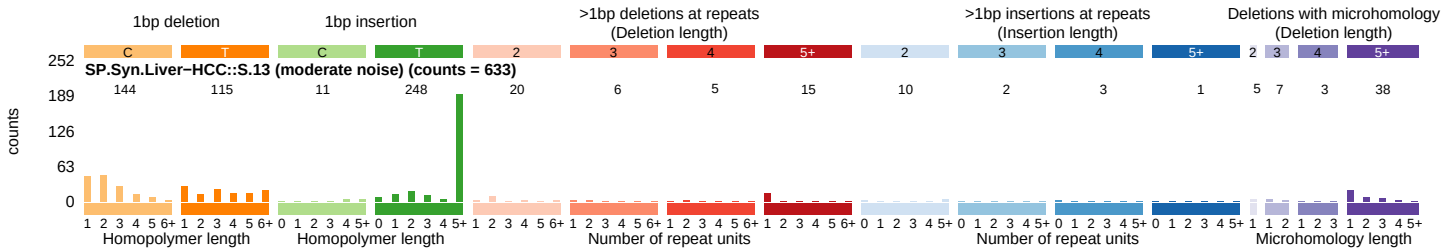
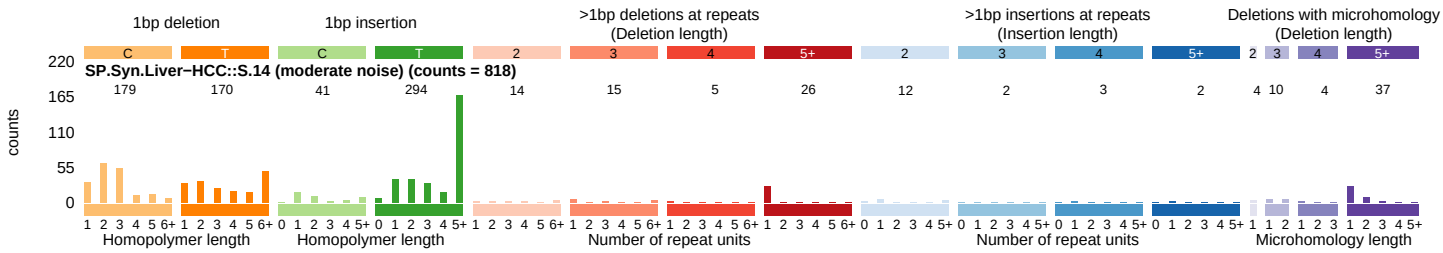
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.12 (moderate noise) (counts = 880)
176 212 64 314 26 13 9 9 15 7 3 7 4 5 4 12
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.13 (moderate noise) (counts = 633)
144 115 11 248 20 6 5 15 10 2 3 1 5 7 3 38
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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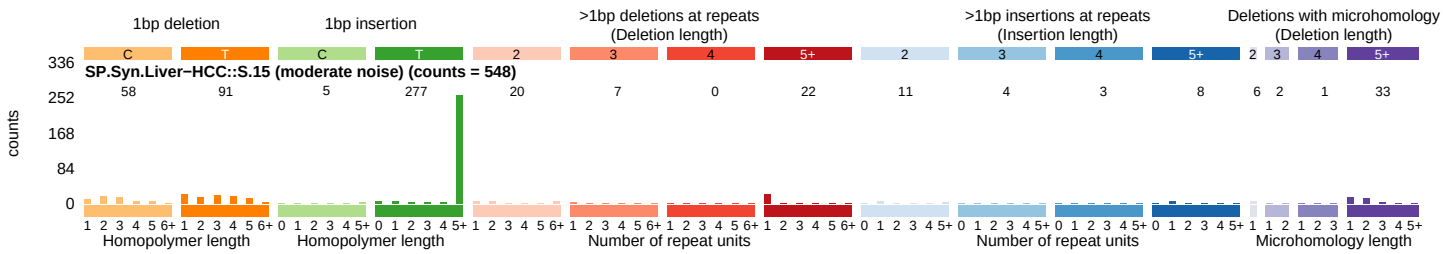
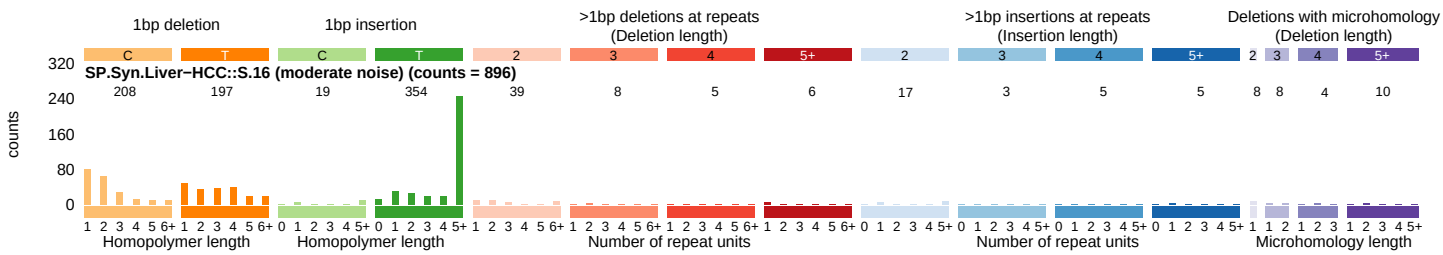
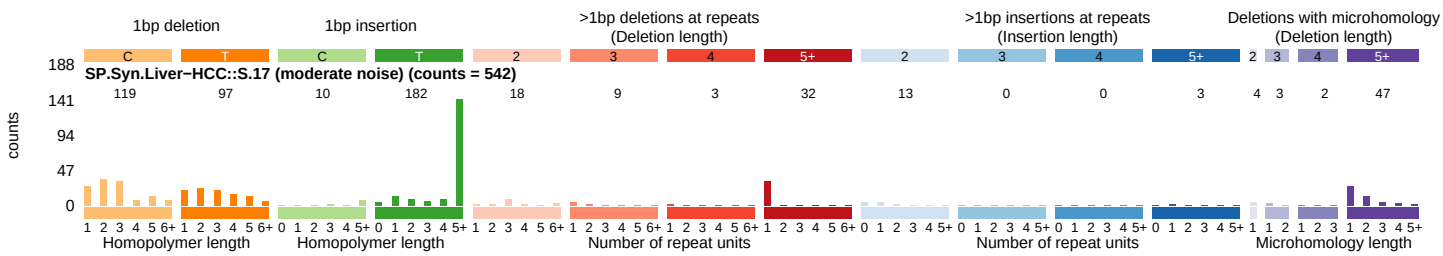
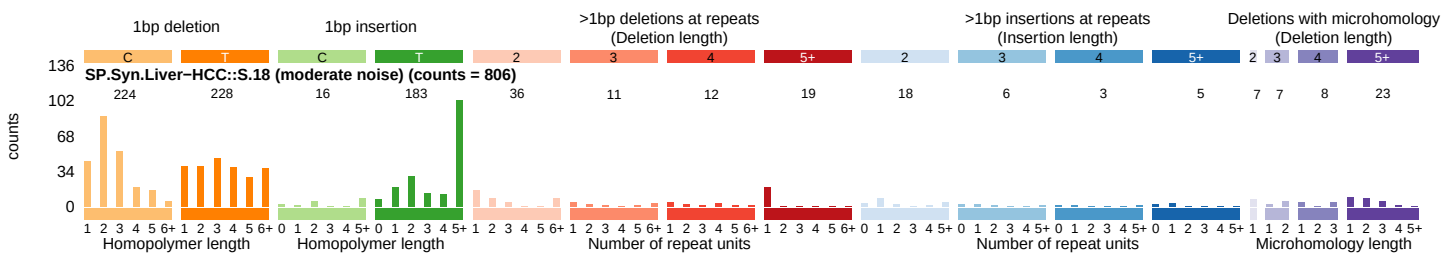
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.14 (moderate noise) (counts = 818)
179 170 41 294 14 15 5 26 12 2 3 2 4 10 4 37
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.15 (moderate noise) (counts = 548)
58 91 5 277 20 7 0 22 11 4 3 8 6 2 1 33
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.16 (moderate noise) (counts = 896)
208 197 19 354 39 8 5 6 17 3 5 5 8 8 4 10
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.17 (moderate noise) (counts = 542)
119 97 10 182 18 9 3 32 13 0 0 3 4 3 2 47
counts
Homopolymer length
Number of repeat units
Microhomology length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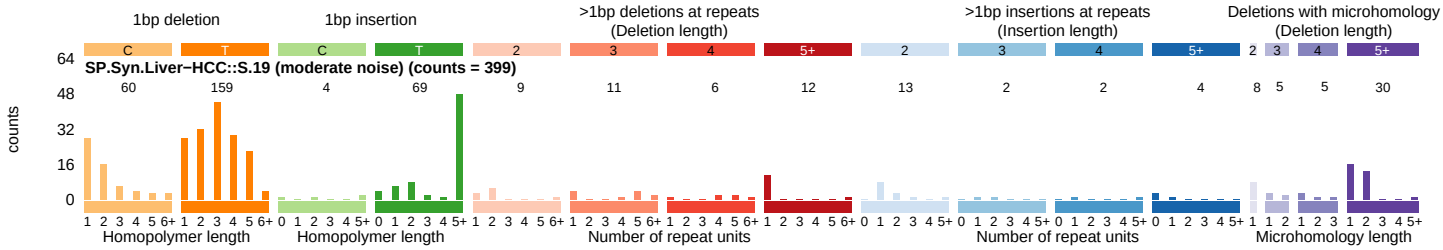
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.18 (moderate noise) (counts = 806)
224 228 16 183 36 11 12 19 18 6 3 5 7 7 8 23
counts
Homopolymer length
Number of repeat units
Microhomology length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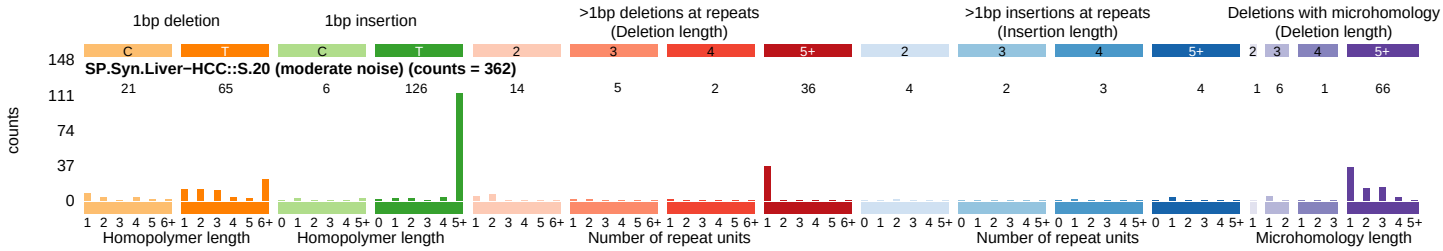
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.19 (moderate noise) (counts = 399)
counts
Homopolymer length
Number of repeat units
Microhomology length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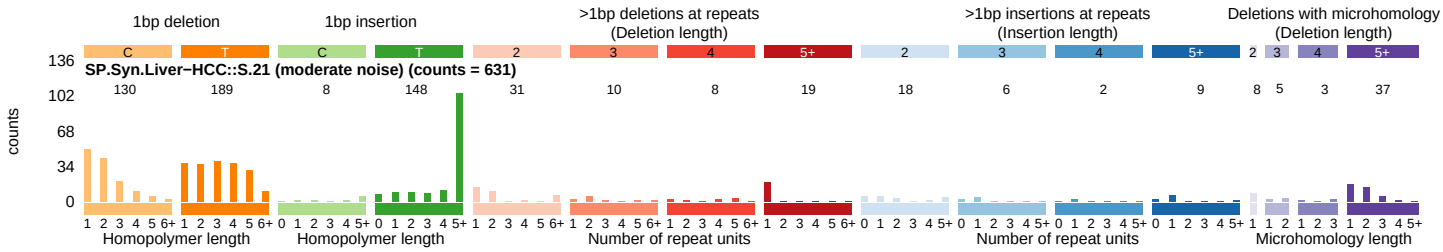
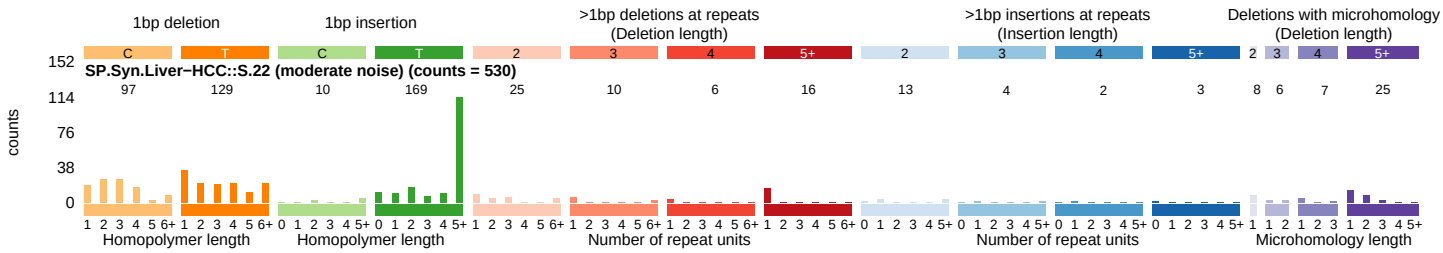
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.20 (moderate noise) (counts = 362)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.21 (moderate noise) (counts = 631)
counts
Homopolymer length
Number of repeat units
Microhomology length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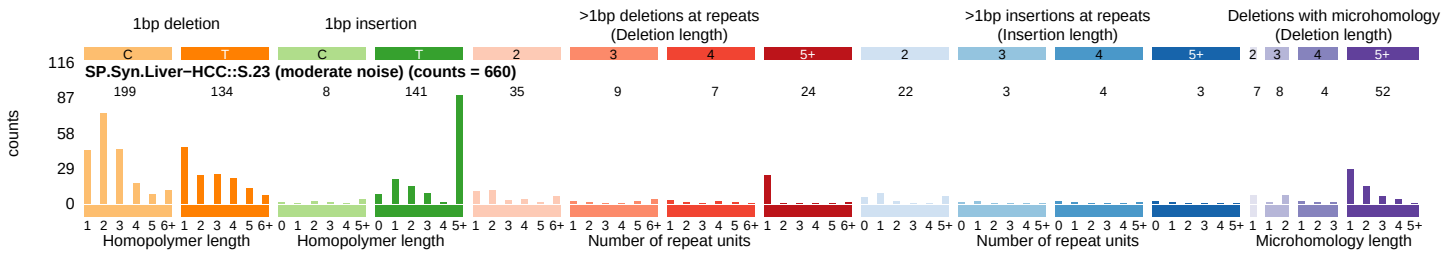
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.22 (moderate noise) (counts = 530)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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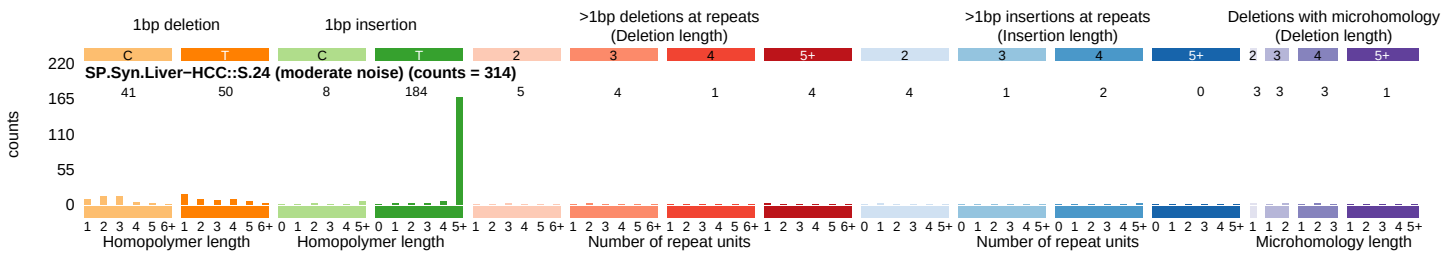
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.23 (moderate noise) (counts = 660)
counts
Homopolymer length
Number of repeat units
Microhomology length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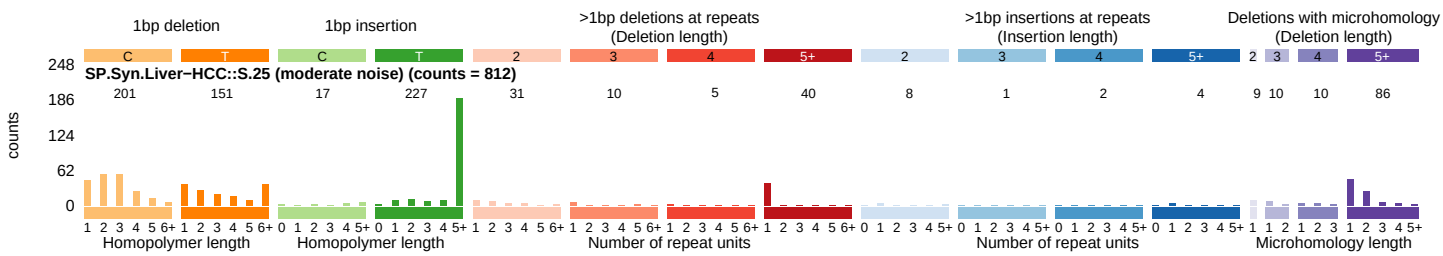
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.24 (moderate noise) (counts = 314)
counts
Homopolymer length
Number of repeat units
Microhomology length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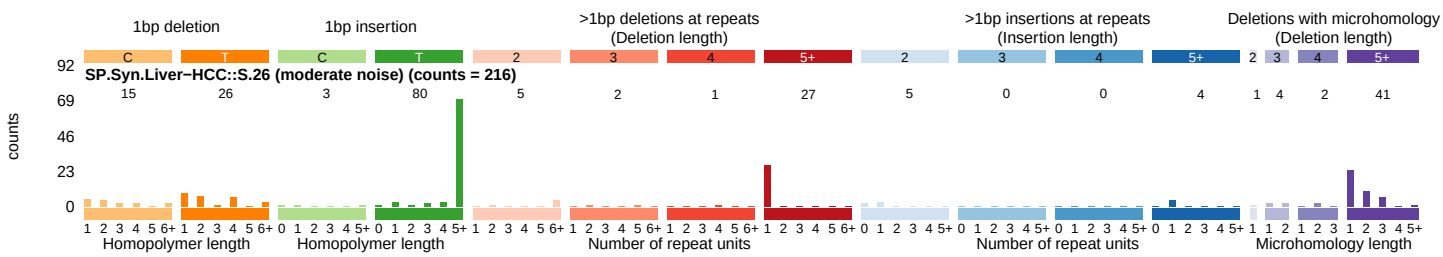
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.25 (moderate noise) (counts = 812)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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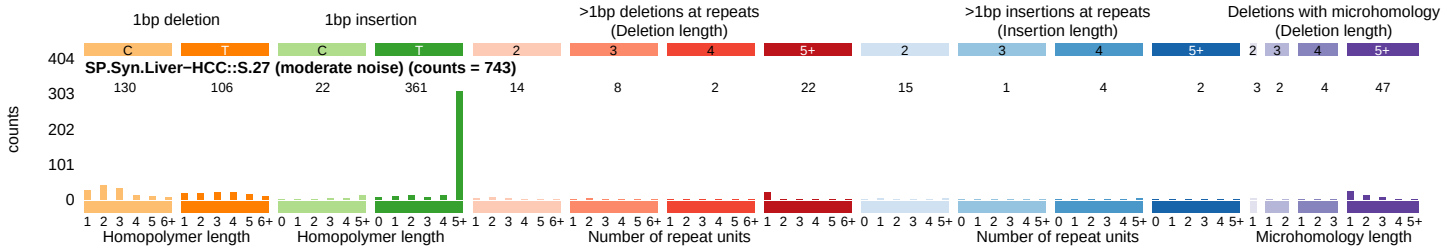
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.26 (moderate noise) (counts = 216)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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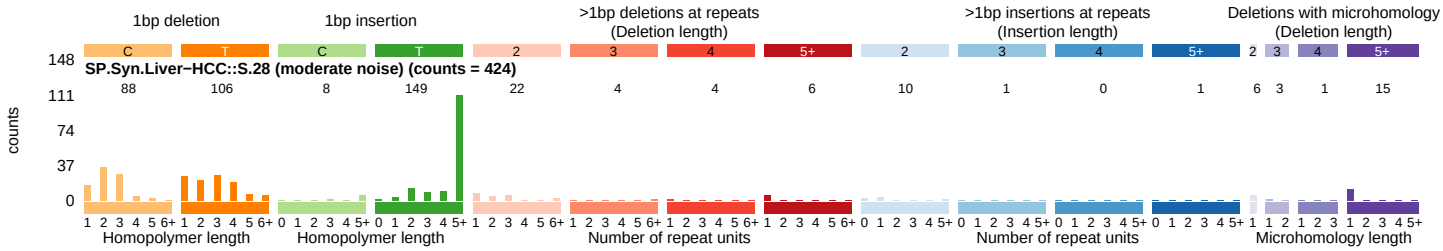
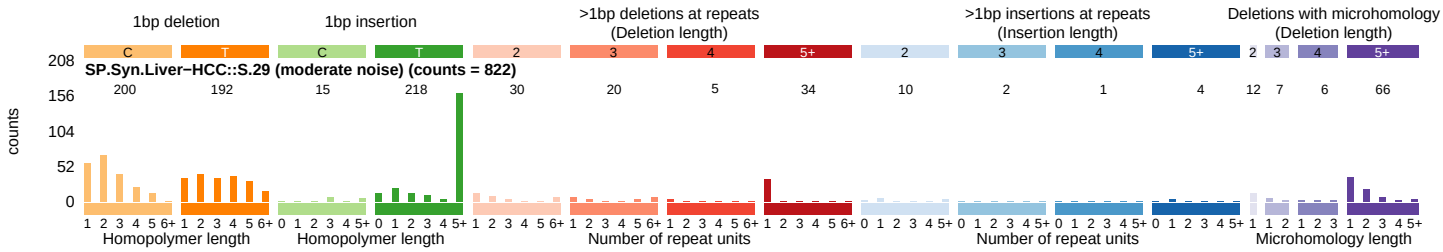
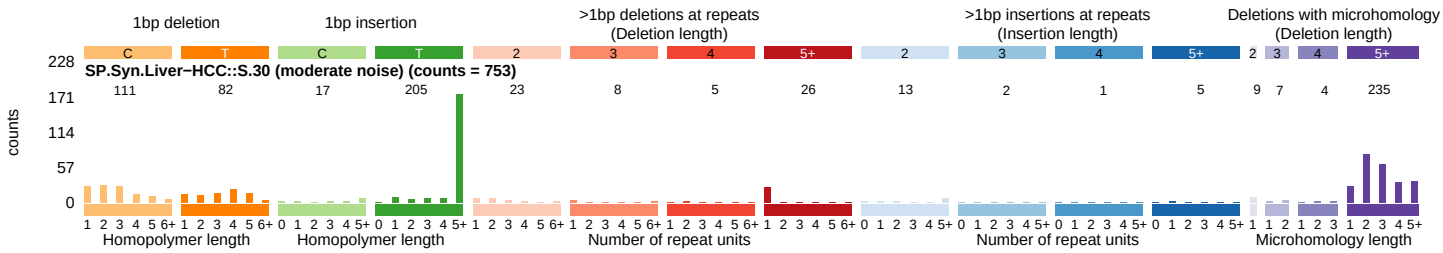
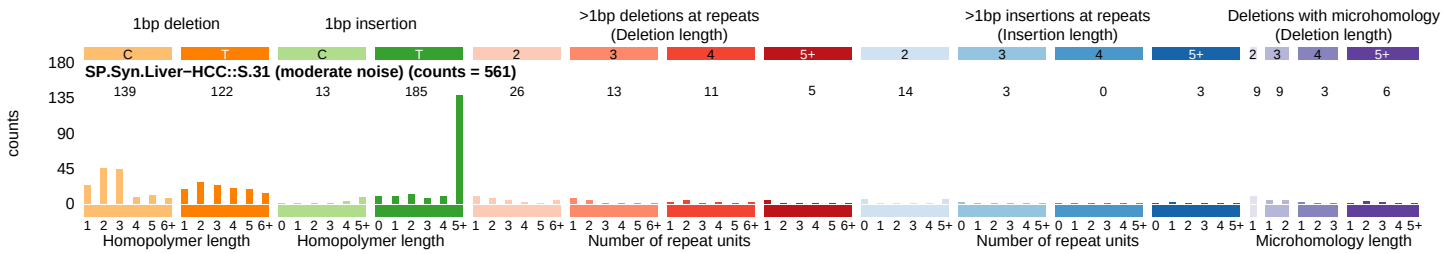
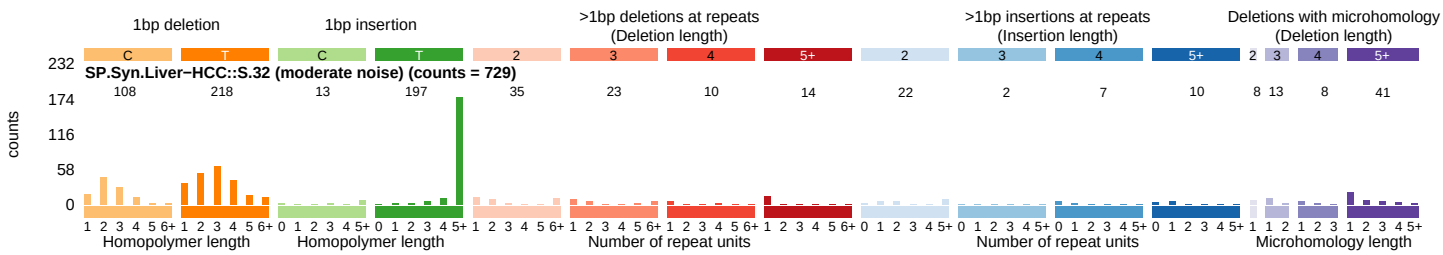
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.27 (moderate noise) (counts = 743)
130 106 22 361 14 8 2 22 15 1 4 2 3 2 4 47
counts
404 303 202 101 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

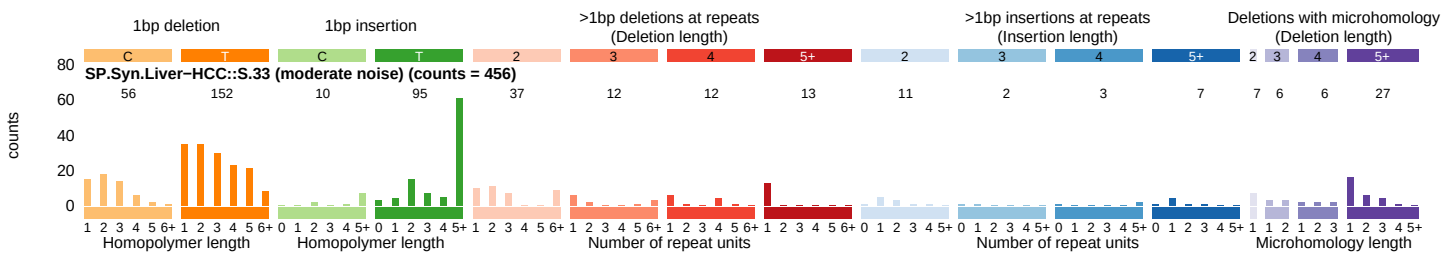

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.28 (moderate noise) (counts = 424)
88 106 8 149 22 4 4 6 10 1 0 1 6 3 1 15
counts
148 111 74 37 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

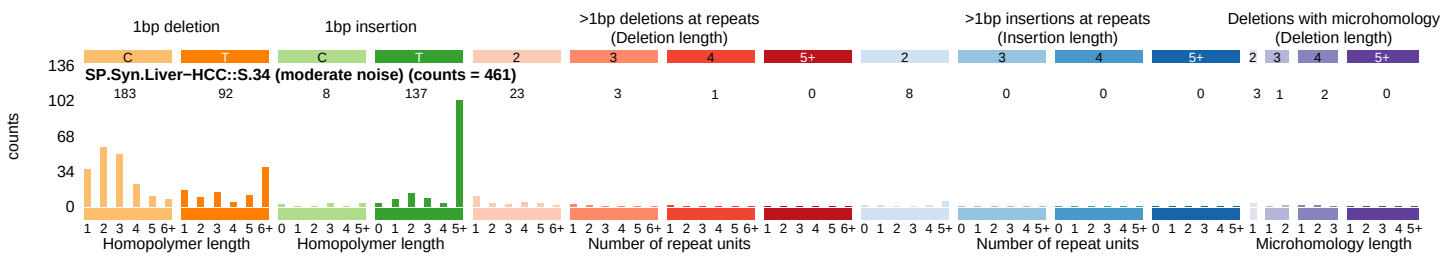

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.29 (moderate noise) (counts = 822)
200 192 15 218 30 20 5 34 10 2 1 4 12 7 6 66
counts
208 156 104 52 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

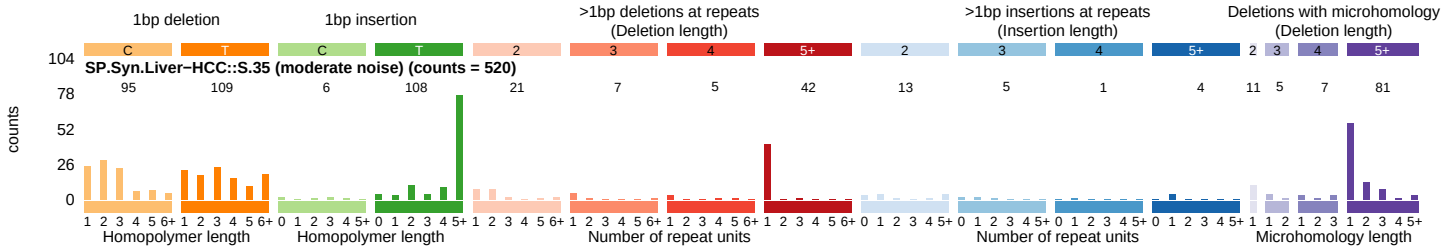

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.30 (moderate noise) (counts = 753)
111 82 17 205 23 8 5 26 13 2 1 5 9 7 4 235
counts
228 171 114 57 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

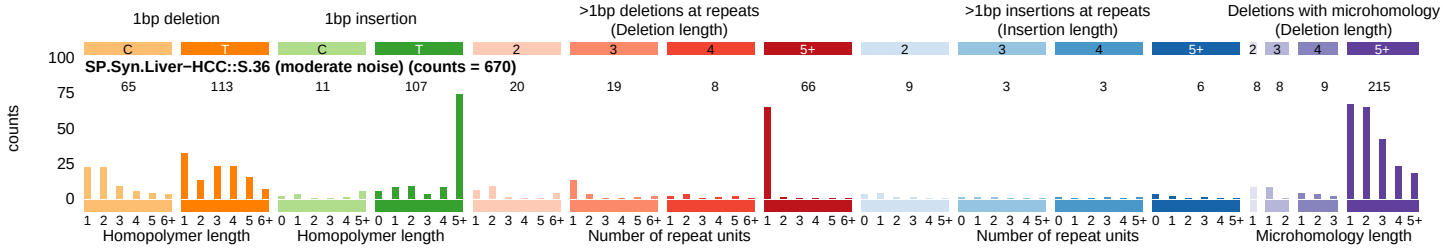

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.31 (moderate noise) (counts = 561)
139 122 13 185 26 13 11 5 14 3 0 3 9 9 3 6
counts
180 135 90 45 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.32 (moderate noise) (counts = 729)
108 218 13 197 35 23 10 14 22 2 7 10 8 13 8 41
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.Liver−HCC::S.33 (moderate noise) (counts = 456)
56 152 10 95 37 12 12 13 11 2 3 7 7 6 6 27
counts
80 60 40 20 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.34 (moderate noise) (counts = 461)
183 92 8 137 23 3 1 0 8 0 0 0 3 1 2 0
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.35 (moderate noise) (counts = 520)
95 109 6 108 21 7 5 42 13 5 1 4 11 5 7 81
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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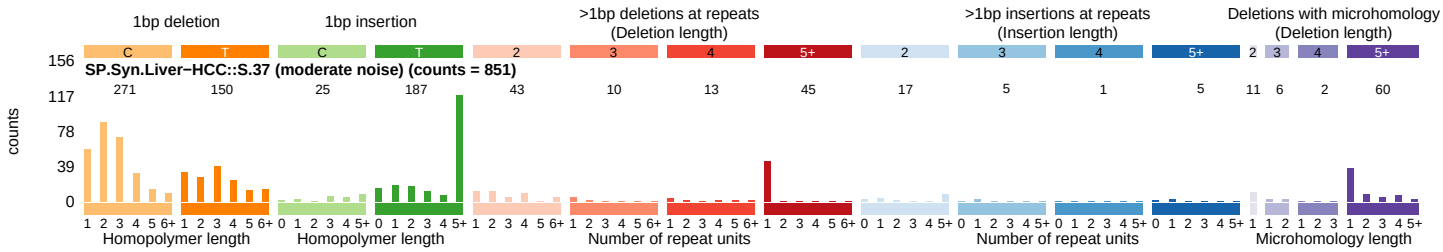
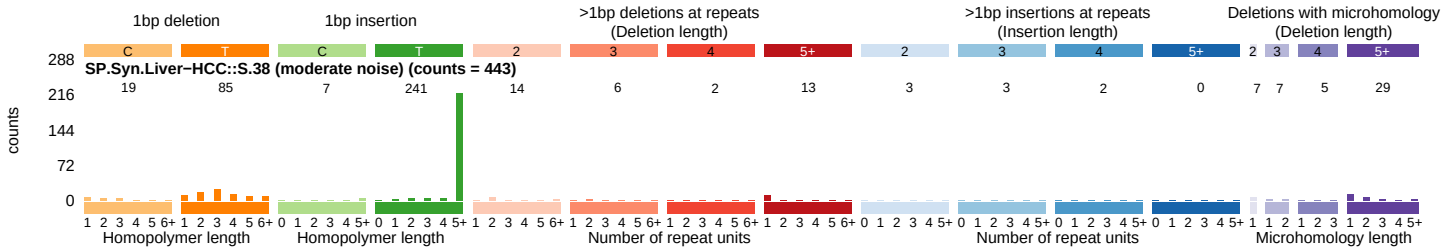
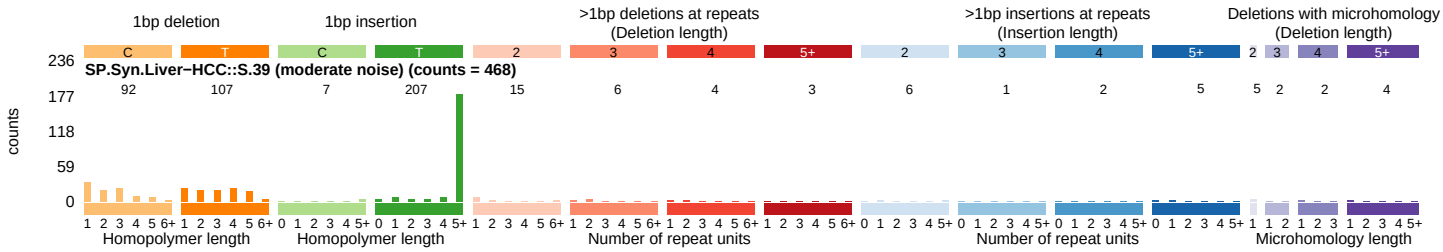
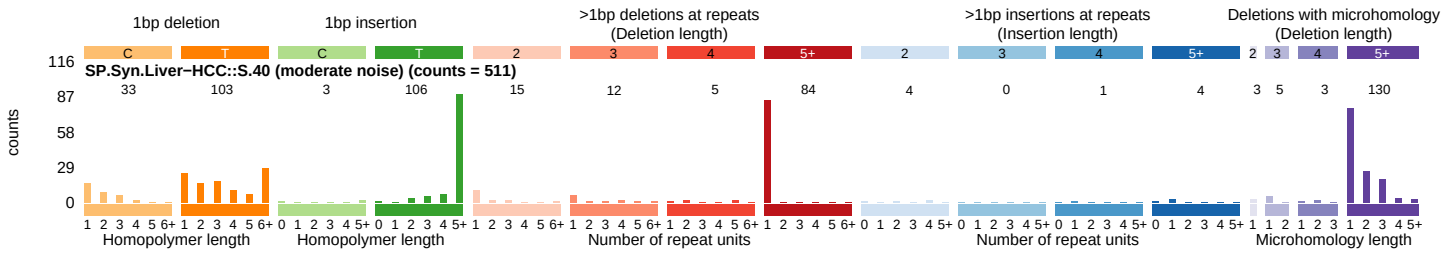
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.36 (moderate noise) (counts = 670)
65 113 11 107 20 19 8 66 9 3 3 6 8 8 9 215
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.37 (moderate noise) (counts = 851)
271 150 25 187 43 10 13 45 17 5 1 5 11 6 2 60
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.38 (moderate noise) (counts = 443)
19 85 7 241 14 6 2 13 3 3 2 0 7 7 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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.39 (moderate noise) (counts = 468)
92 107 7 207 15 6 4 3 6 1 2 5 5 2 2 4
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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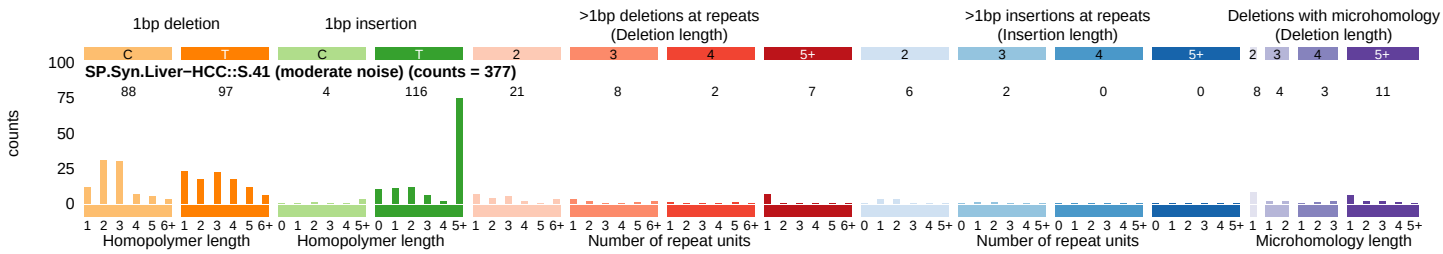
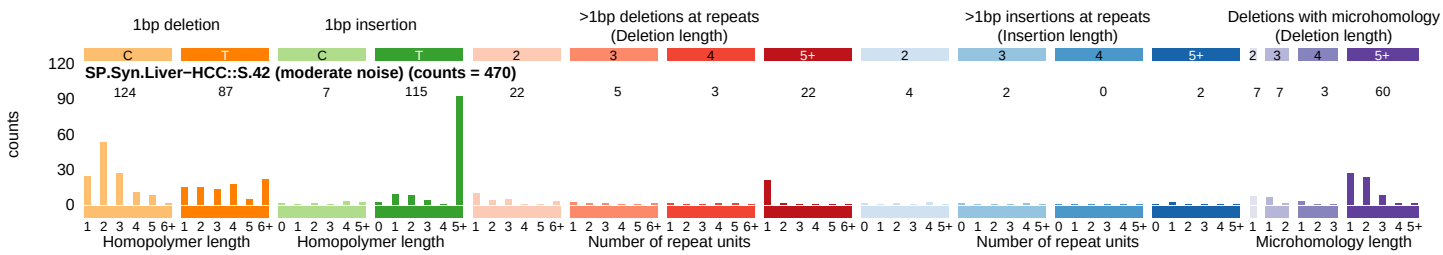
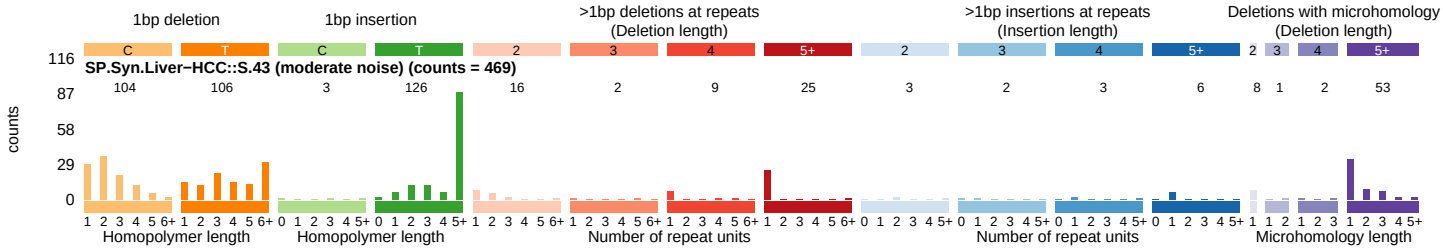
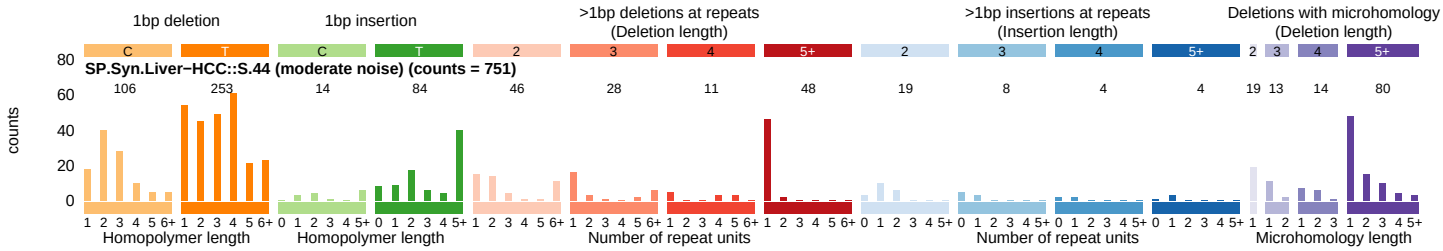
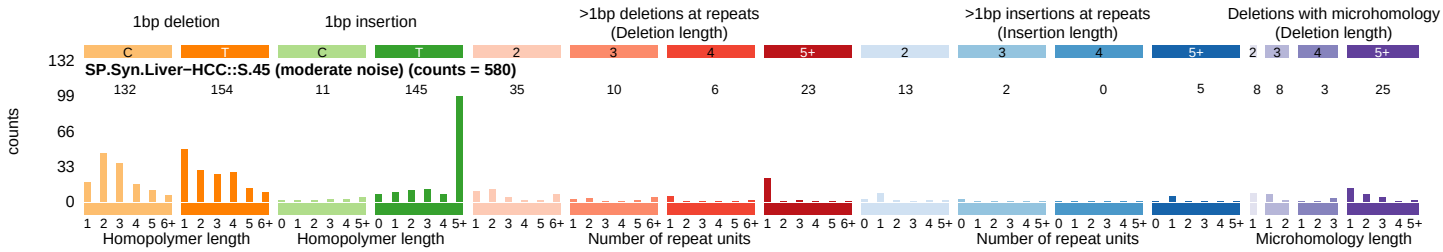
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.40 (moderate noise) (counts = 511)
33 103 3 106 15 12 5 84 4 0 1 4 3 5 3 130
counts
Homopolymer length
Number of repeat units
Microhomology length

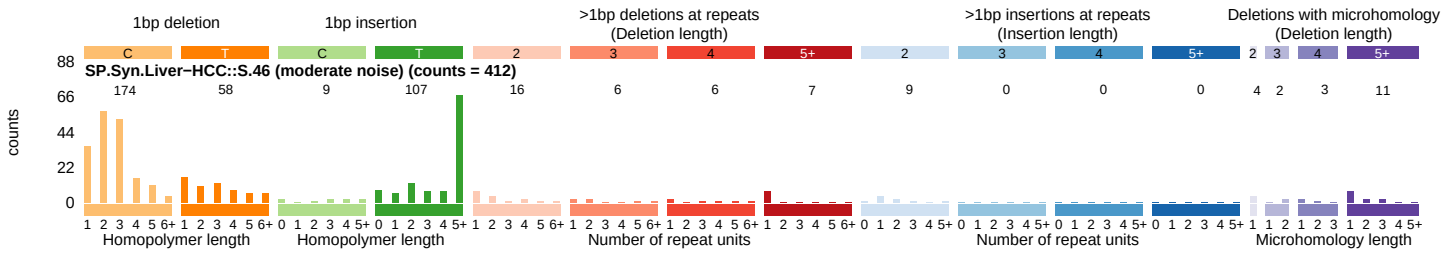

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.41 (moderate noise) (counts = 377)
88 97 4 116 21 8 2 7 6 2 0 0 8 4 3 11
counts
Homopolymer length
Number of repeat units
Microhomology length

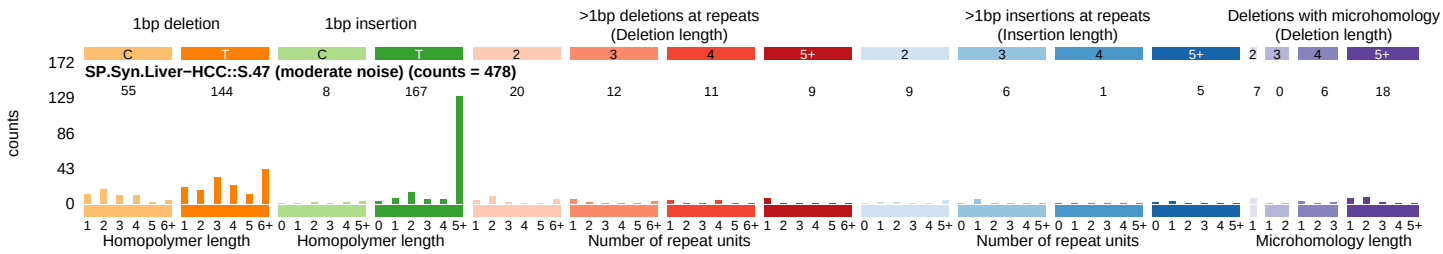

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.42 (moderate noise) (counts = 470)
124 87 7 115 22 5 3 22 4 2 0 2 7 7 3 60
counts
Homopolymer length
Number of repeat units
Microhomology length

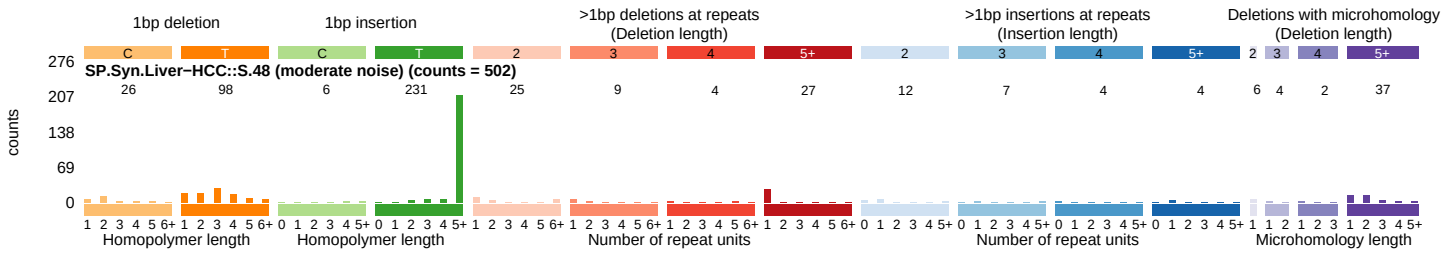

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.43 (moderate noise) (counts = 469)
counts
Homopolymer length
Number of repeat units
Microhomology length

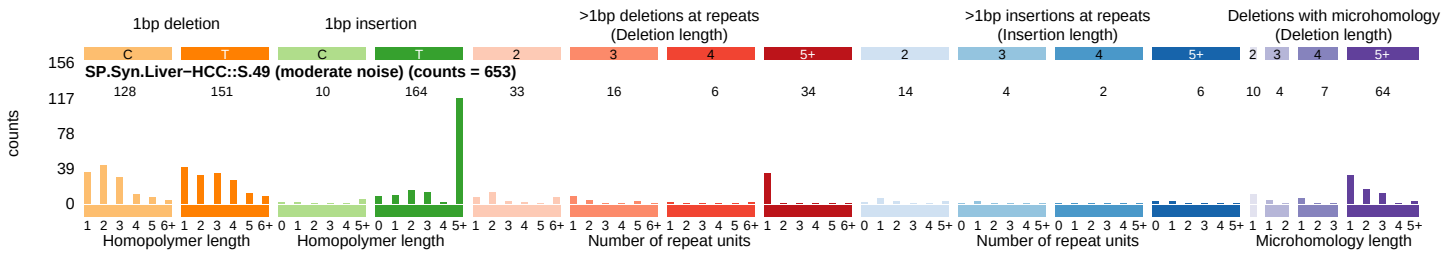

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.44 (moderate noise) (counts = 751)
counts
Homopolymer length
Number of repeat units
Microhomology length

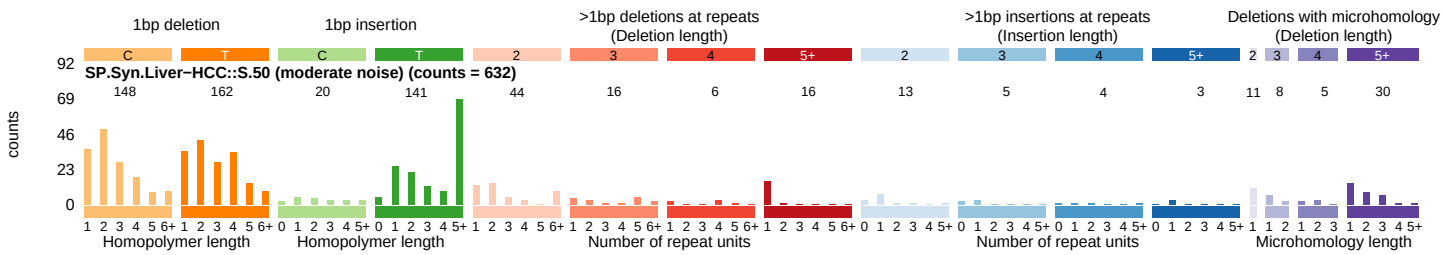

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.45 (moderate noise) (counts = 580)
counts
Homopolymer length
Number of repeat units
Microhomology length

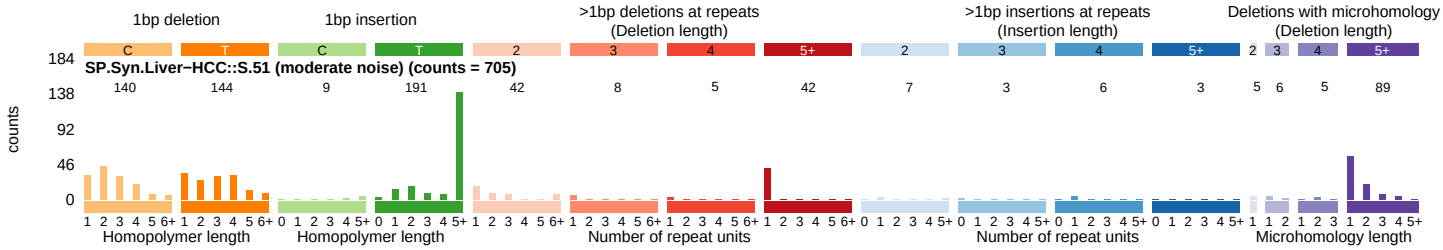

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.46 (moderate noise) (counts = 412)
counts
Homopolymer length
Number of repeat units
Microhomology length

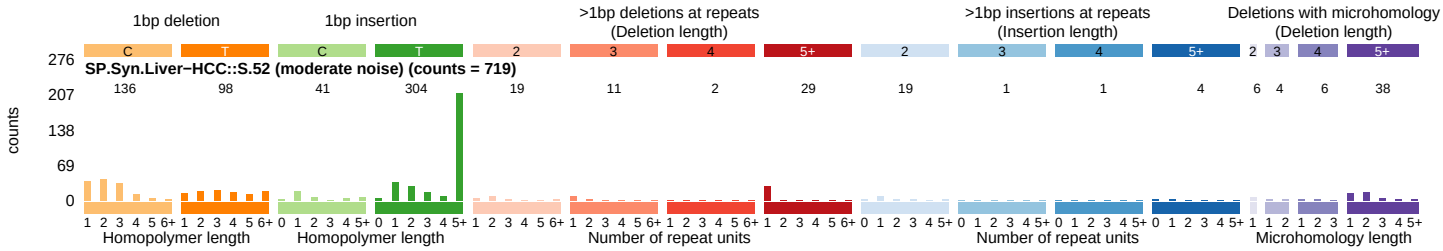

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.47 (moderate noise) (counts = 478)
counts
Homopolymer length
Number of repeat units
Microhomology length

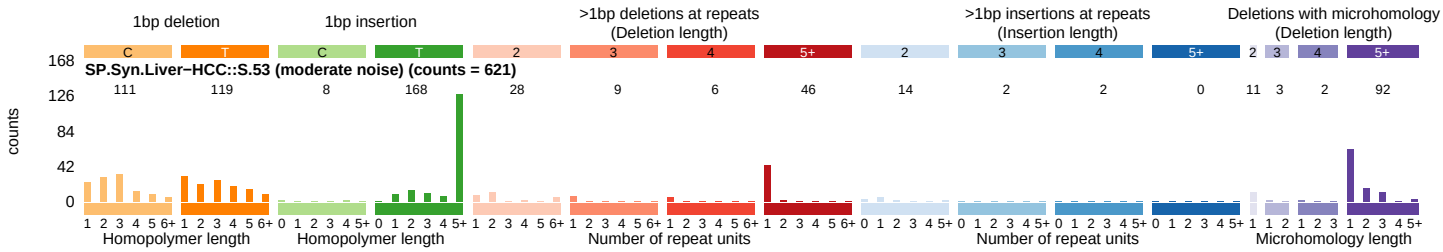

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.48 (moderate noise) (counts = 502)
counts
Homopolymer length
Number of repeat units
Microhomology length

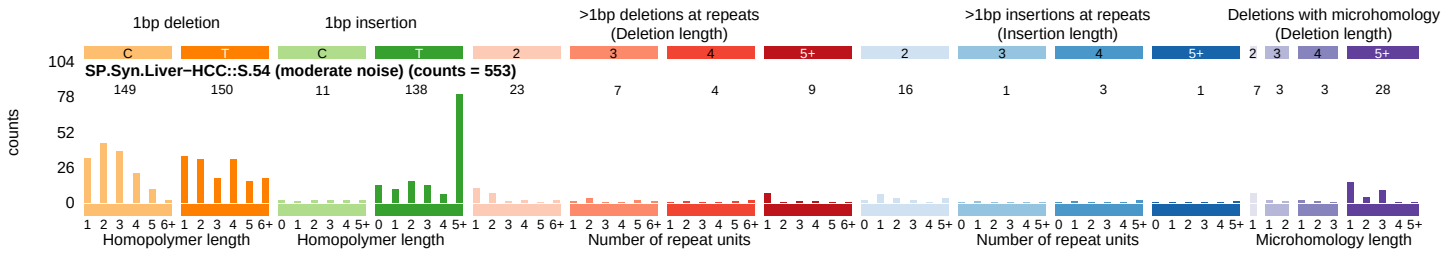

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.49 (moderate noise) (counts = 653)
counts
Homopolymer length
Number of repeat units
Microhomology length

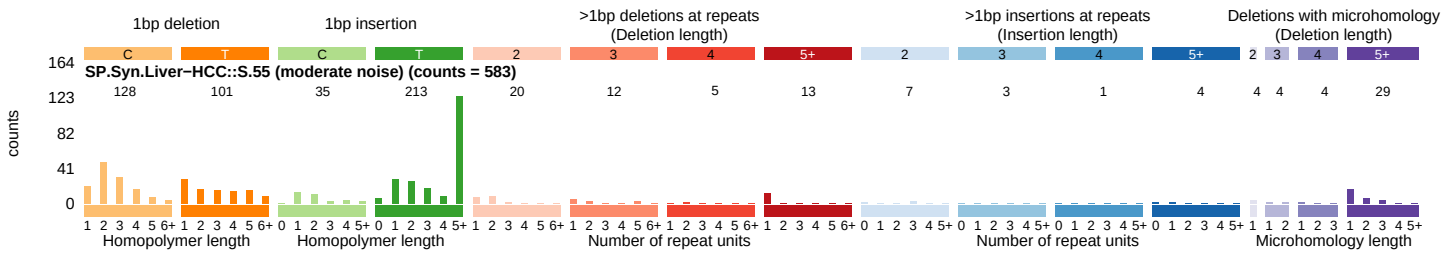

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.50 (moderate noise) (counts = 632)
counts
Homopolymer length
Number of repeat units
Microhomology length

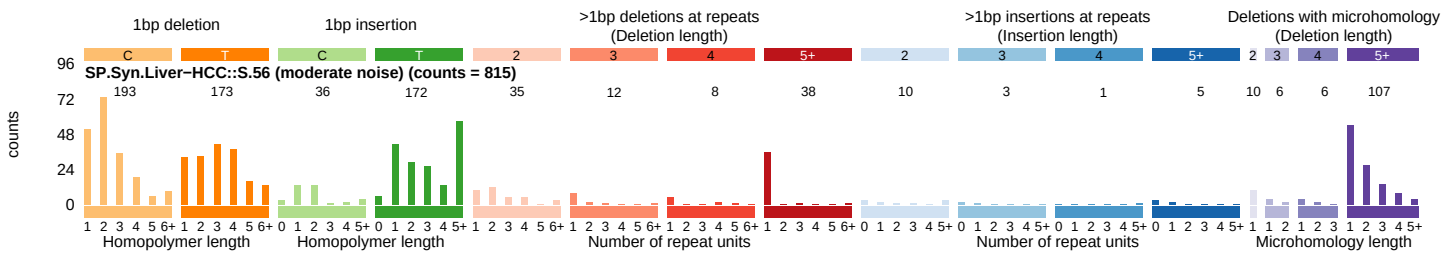

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.51 (moderate noise) (counts = 705)
counts
Homopolymer length
Number of repeat units
Microhomology length

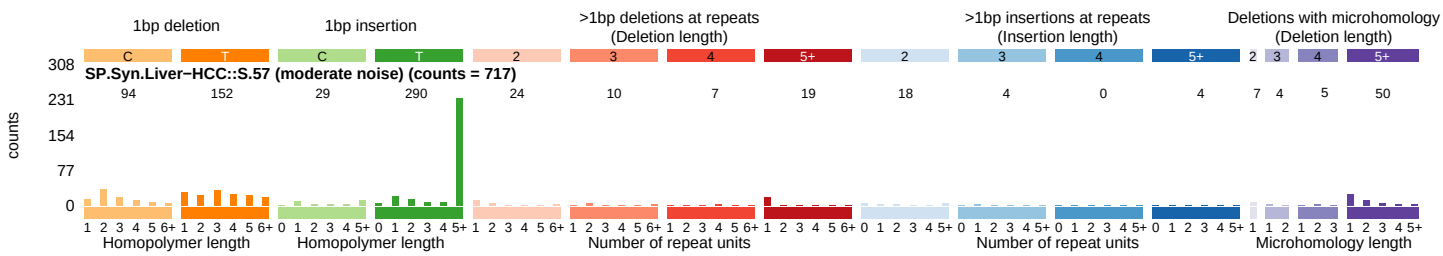

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.52 (moderate noise) (counts = 719)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.53 (moderate noise) (counts = 621)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.54 (moderate 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)
SP.Syn.Liver−HCC::S.55 (moderate noise) (counts = 583)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.56 (moderate noise) (counts = 815)
counts
Homopolymer length
Number of repeat units
Microhomology length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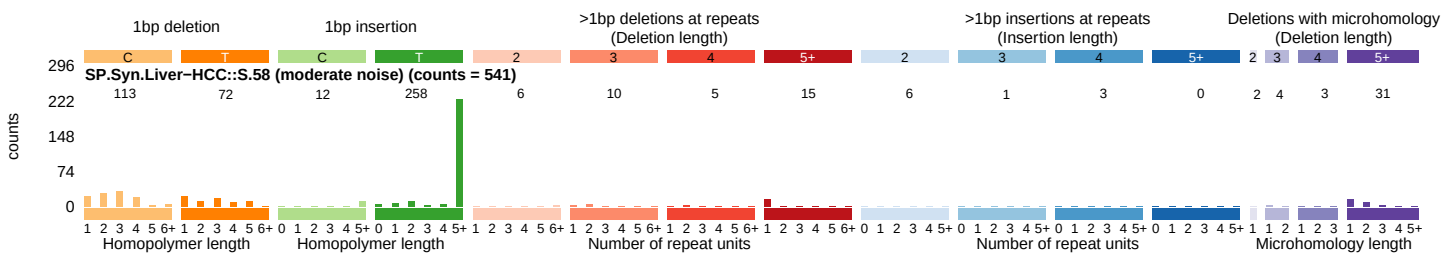
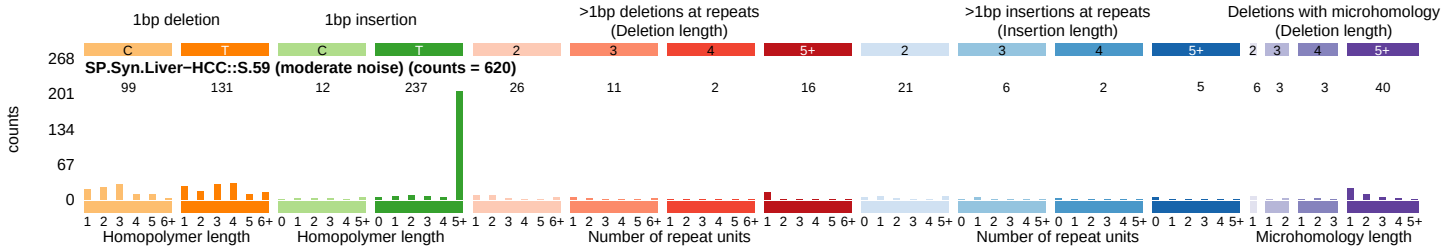
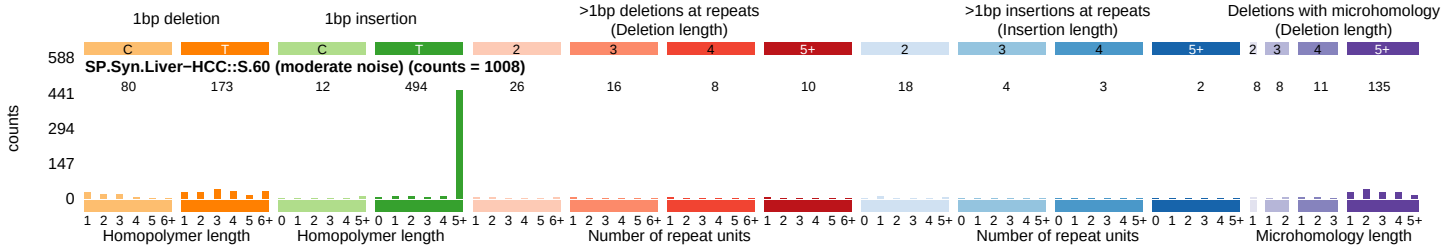
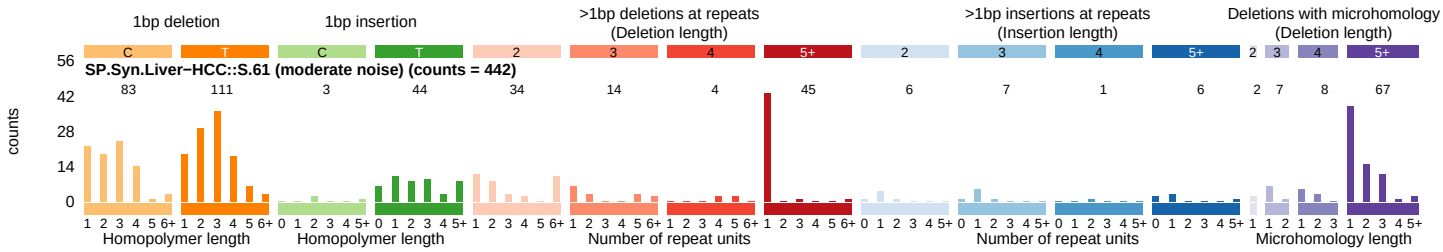
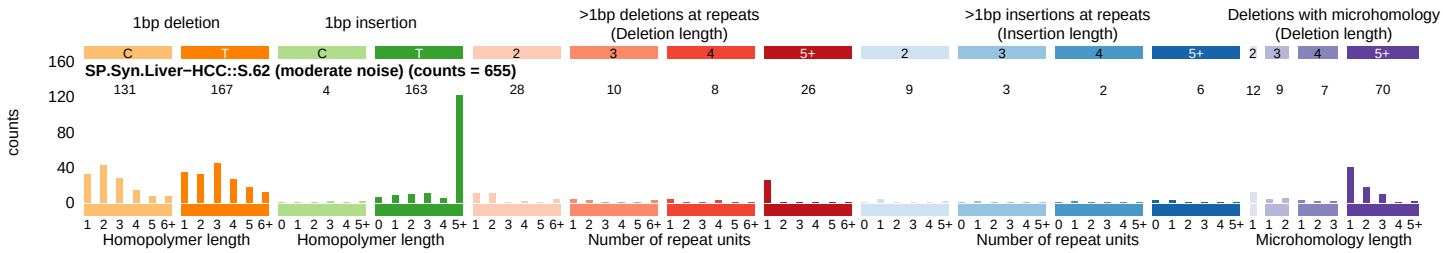
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.57 (moderate noise) (counts = 717)
counts
Homopolymer length
Number of repeat units
Microhomology length

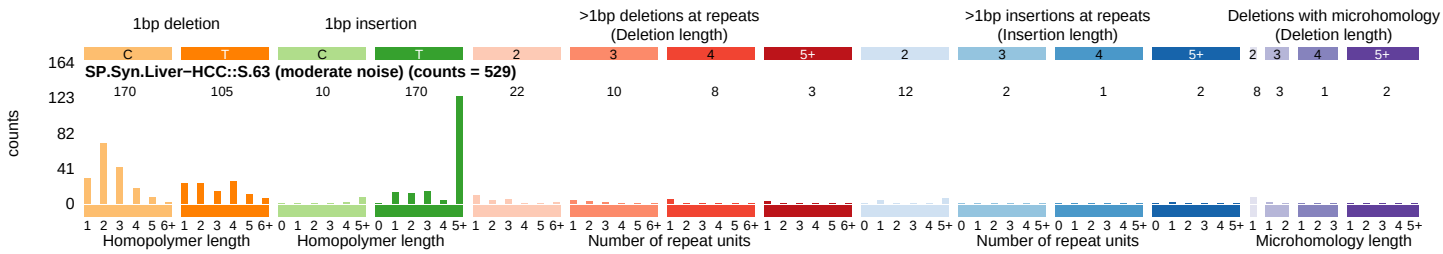

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.58 (moderate noise) (counts = 541)
counts
Homopolymer length
Number of repeat units
Microhomology length

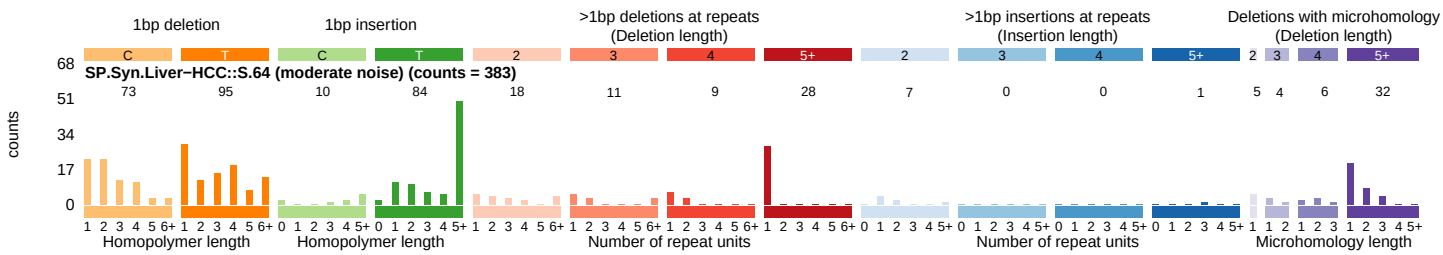

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.59 (moderate noise) (counts = 620)
99 131 12 237 26 11 2 16 21 6 2 5 6 3 3 40
counts
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

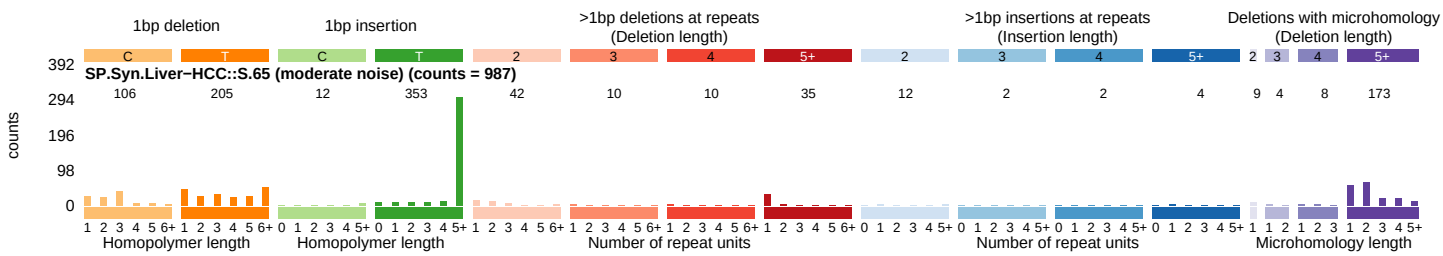

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.60 (moderate noise) (counts = 1008)
80 173 12 494 26 16 8 10 18 4 3 2 8 8 11 135
counts
588 441 294 147 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

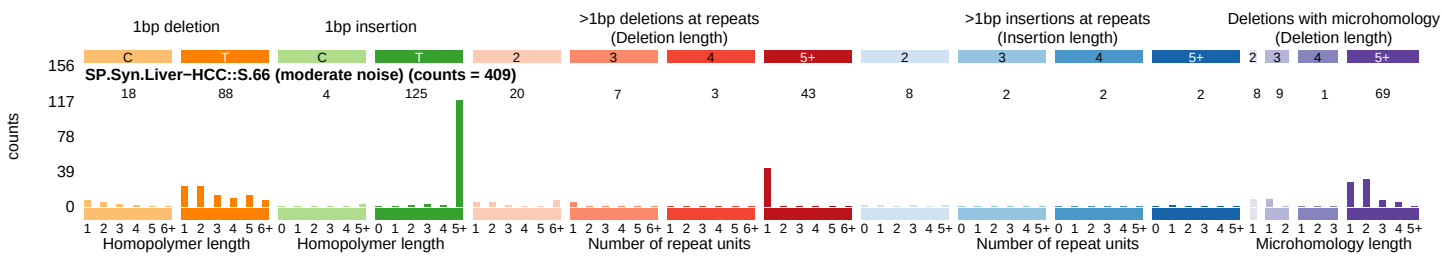

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.61 (moderate noise) (counts = 442)
83 111 3 44 34 14 4 45 6 7 1 6 2 7 8 67
counts
56 42 28 14 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

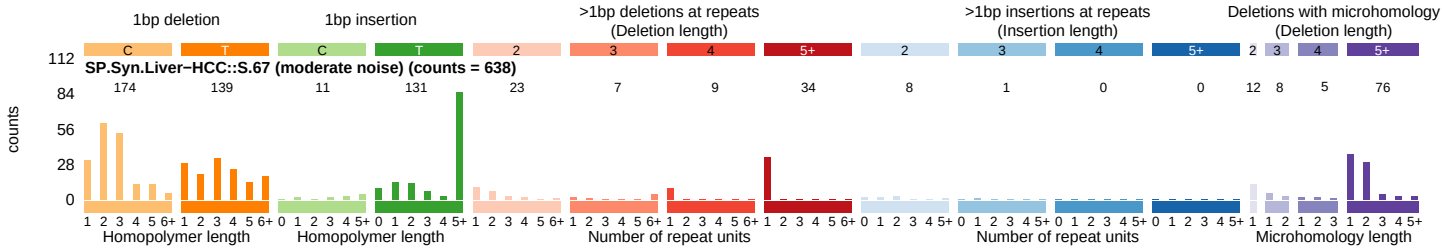

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.62 (moderate noise) (counts = 655)
131 167 4 163 28 10 8 26 9 3 2 6 12 9 7 70
counts
160 120 80 40 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

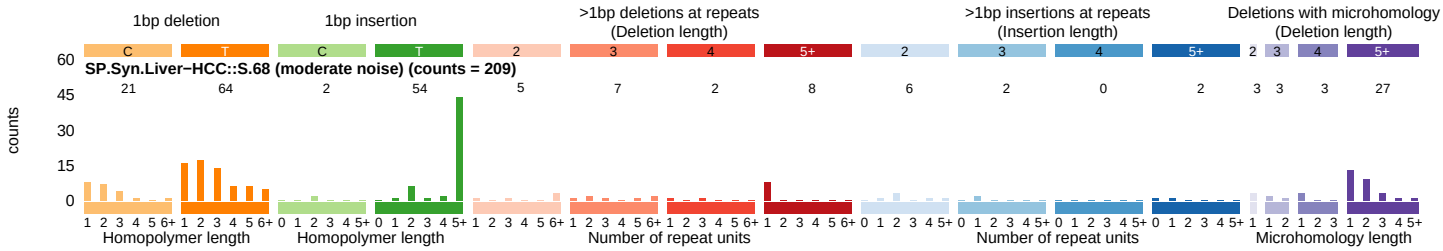

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.63 (moderate noise) (counts = 529)
170 105 10 170 22 10 8 3 12 2 1 2 8 3 1 2
counts
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

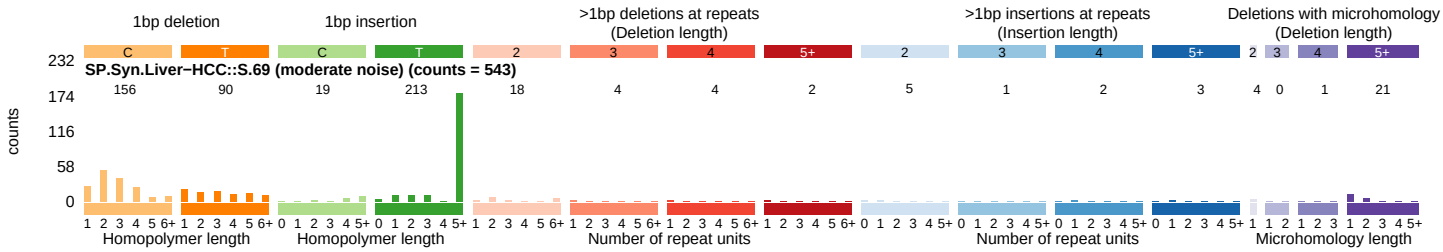

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.64 (moderate noise) (counts = 383)
73 95 10 84 18 11 9 28 7 0 0 1 5 4 6 32
counts
68 51 34 17 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

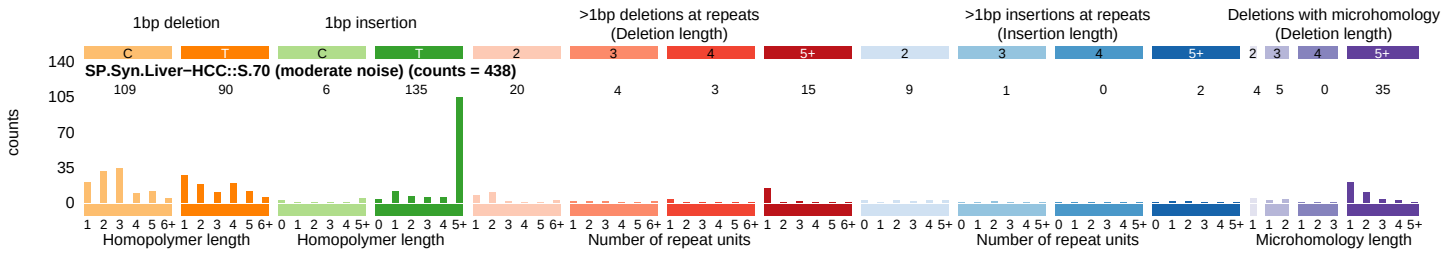

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.65 (moderate noise) (counts = 987)
106 205 12 353 42 10 10 35 12 2 2 4 9 4 8 173
counts
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

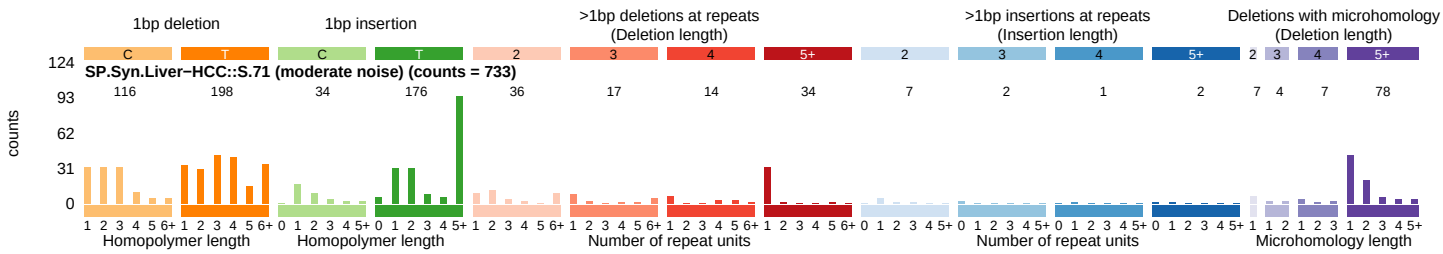

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.66 (moderate noise) (counts = 409)
18 88 4 125 20 7 3 43 8 2 2 2 8 9 1 69
counts
156 117 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

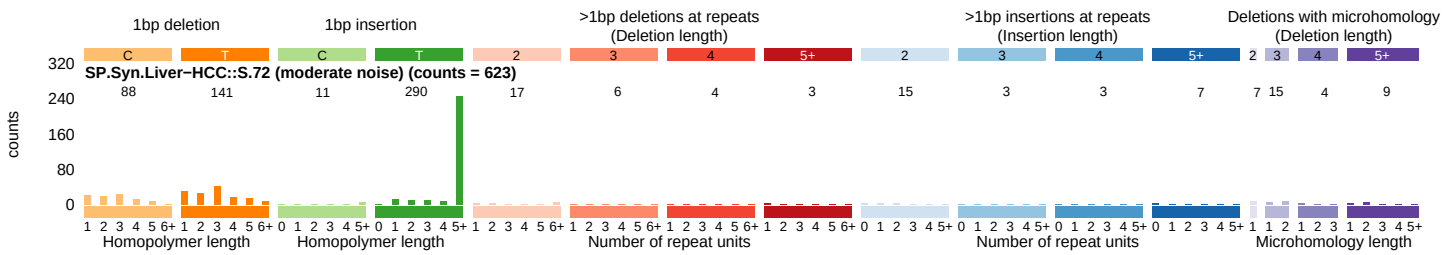

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.67 (moderate noise) (counts = 638)
counts
Homopolymer length
Number of repeat units
Microhomology length

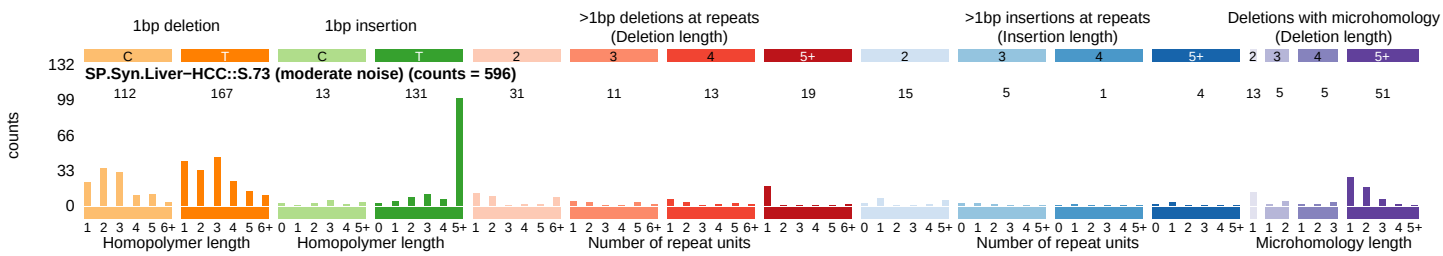

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.68 (moderate noise) (counts = 209)
counts
Homopolymer length
Number of repeat units
Microhomology length

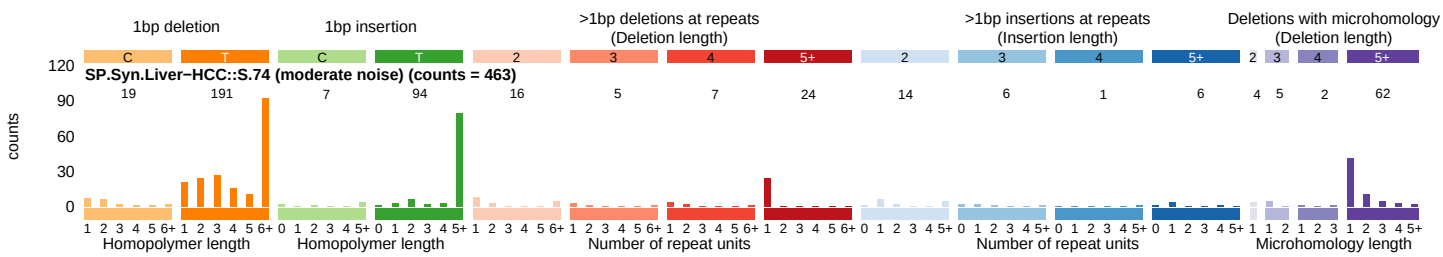

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.69 (moderate noise) (counts = 543)
counts
Homopolymer length
Number of repeat units
Microhomology length

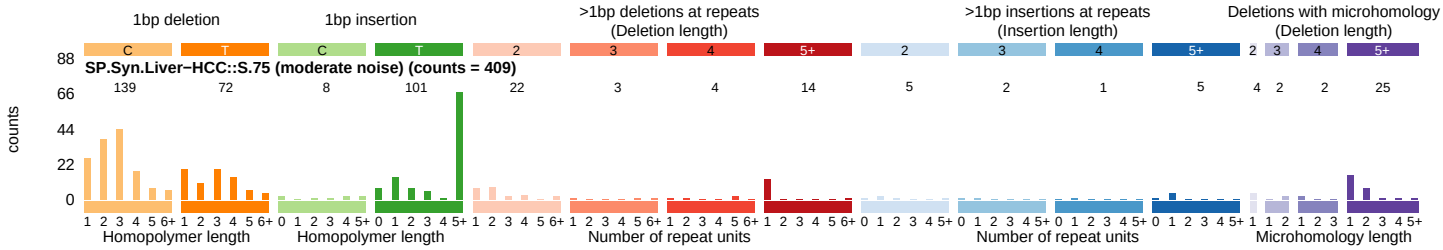

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.70 (moderate noise) (counts = 438)
counts
Homopolymer length
Number of repeat units
Microhomology length

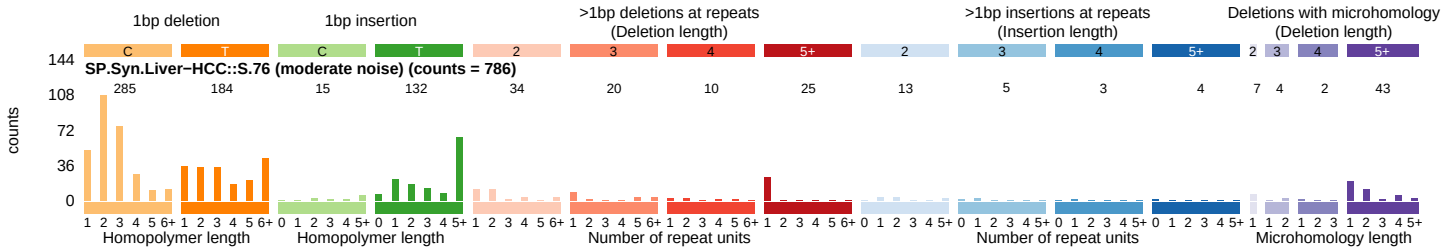

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.71 (moderate noise) (counts = 733)
counts
Homopolymer length
Number of repeat units
Microhomology length

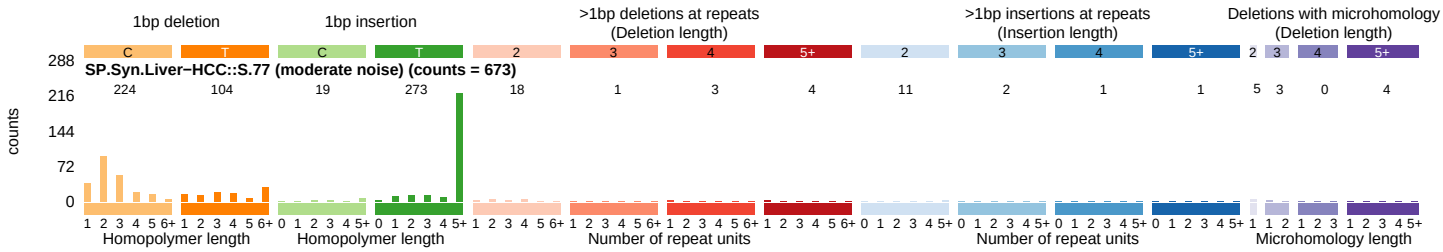

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.72 (moderate noise) (counts = 623)
counts
Homopolymer length
Number of repeat units
Microhomology length

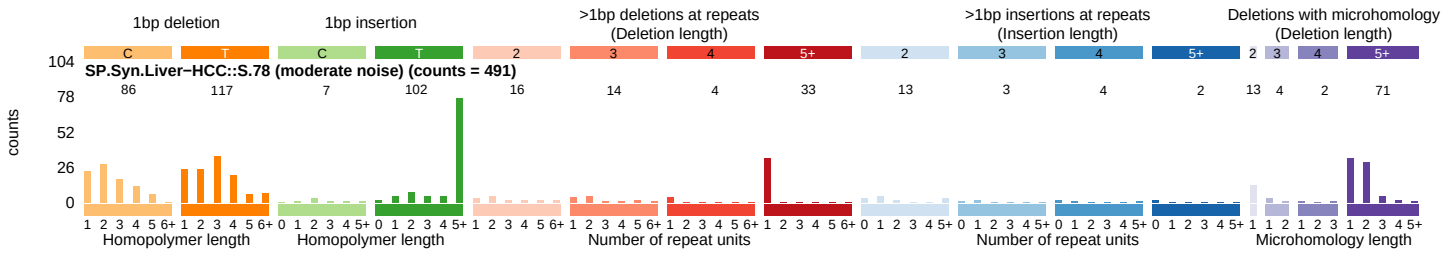

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.73 (moderate noise) (counts = 596)
counts
Homopolymer length
Number of repeat units
Microhomology length

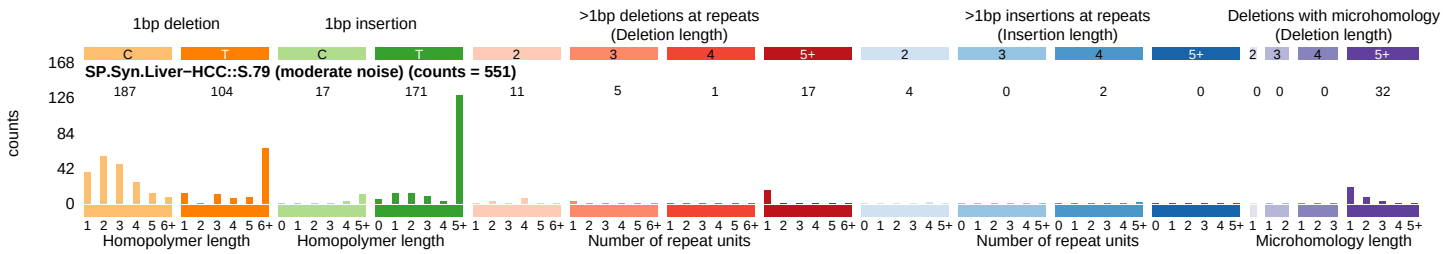

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.74 (moderate noise) (counts = 463)
counts
Homopolymer length
Number of repeat units
Microhomology length

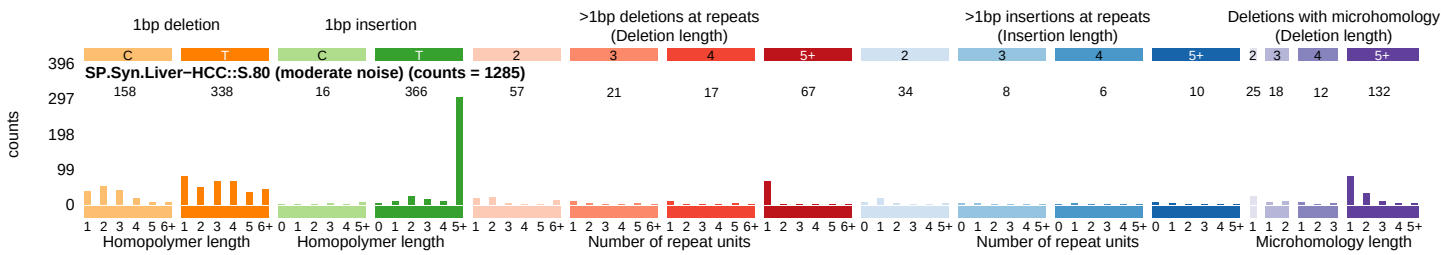

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.75 (moderate noise) (counts = 409)
139 72 8 101 22 3 4 14 5 2 1 5 4 2 2 25
counts
88 66 44 22 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

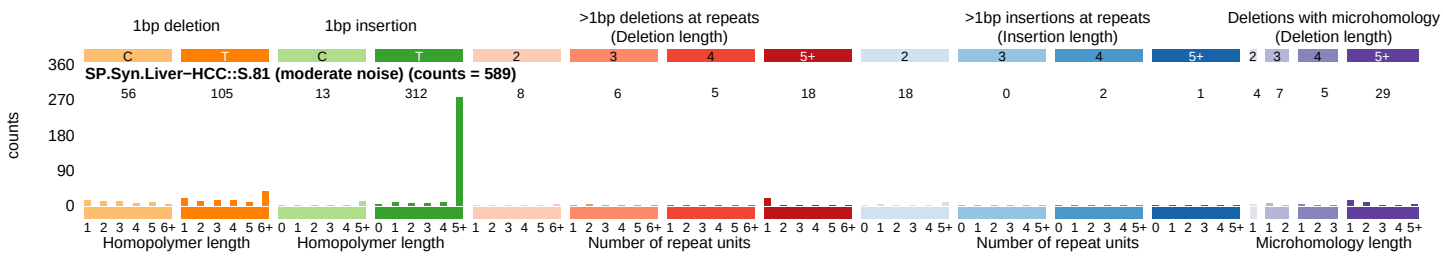

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.76 (moderate noise) (counts = 786)
285 184 15 132 34 20 10 25 13 5 3 4 7 4 2 43
counts
144 108 72 36 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

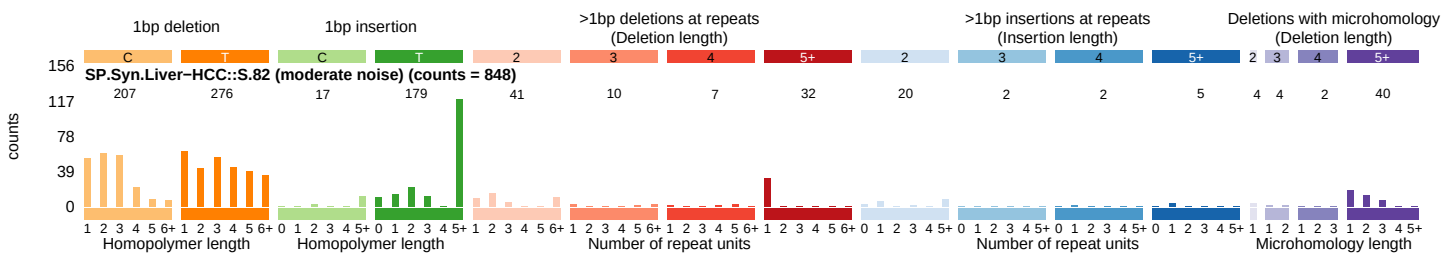

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.77 (moderate noise) (counts = 673)
224 104 19 273 18 1 3 4 11 2 1 1 5 3 0 4
counts
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

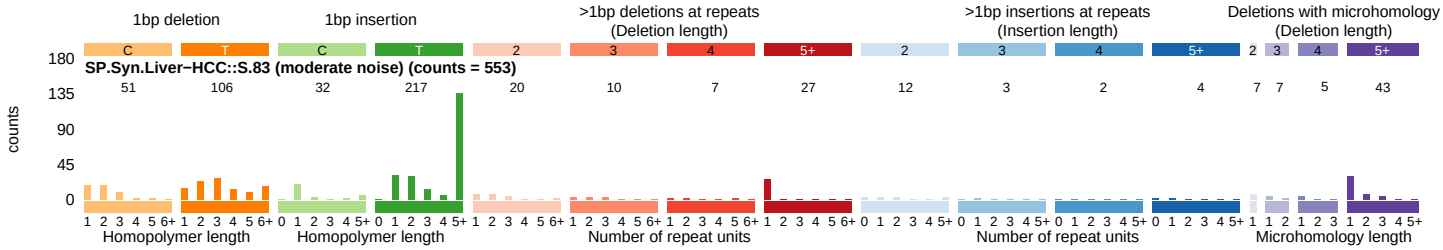

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.78 (moderate noise) (counts = 491)
86 117 7 102 16 14 4 33 13 3 4 2 13 4 2 71
counts
104 78 52 26 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

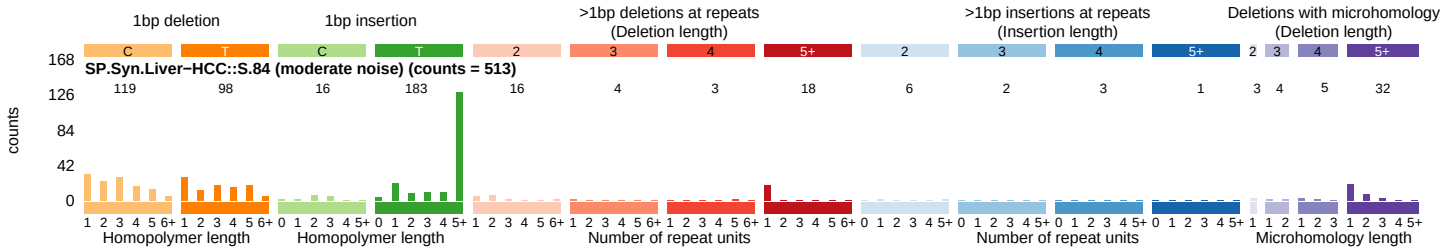

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.79 (moderate noise) (counts = 551)
187 104 17 171 11 5 1 17 4 0 2 0 0 0 0 32
counts
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

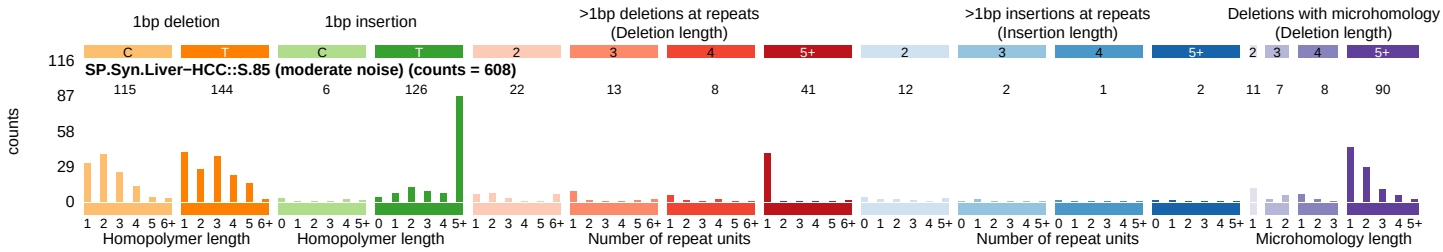

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.80 (moderate noise) (counts = 1285)
158 338 16 366 57 21 17 67 34 8 6 10 25 18 12 132
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

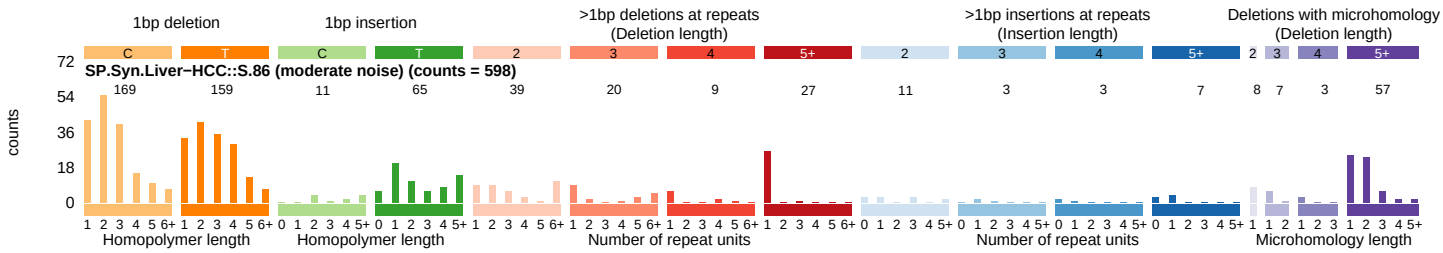

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.81 (moderate noise) (counts = 589)
56 105 13 312 8 6 5 18 18 0 2 1 4 7 5 29
counts
360 270 180 90 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

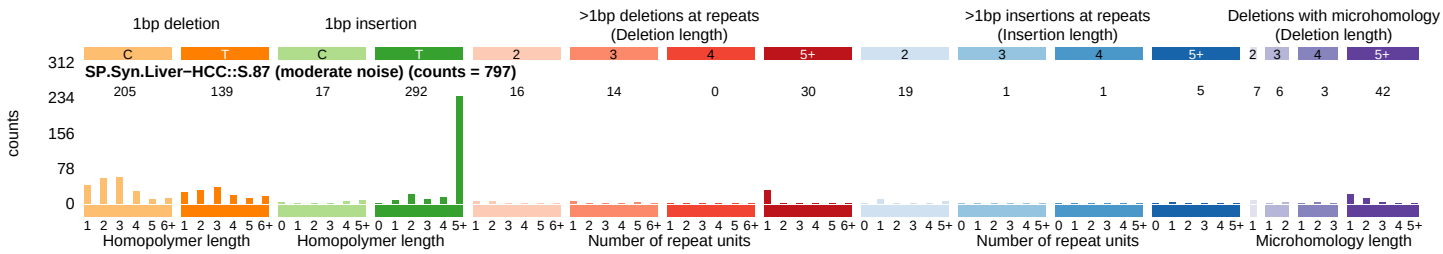

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.82 (moderate noise) (counts = 848)
207 276 17 179 41 10 7 32 20 2 2 5 4 4 2 40
counts
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.Liver−HCC::S.83 (moderate 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)
SP.Syn.Liver−HCC::S.84 (moderate noise) (counts = 513)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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 (moderate noise) (counts = 608)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.86 (moderate noise) (counts = 598)
counts
Homopolymer length
Number of repeat units
Microhomology length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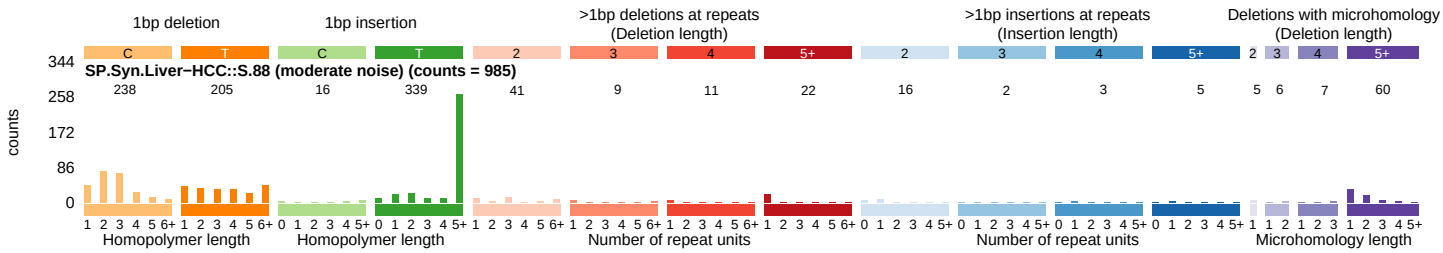
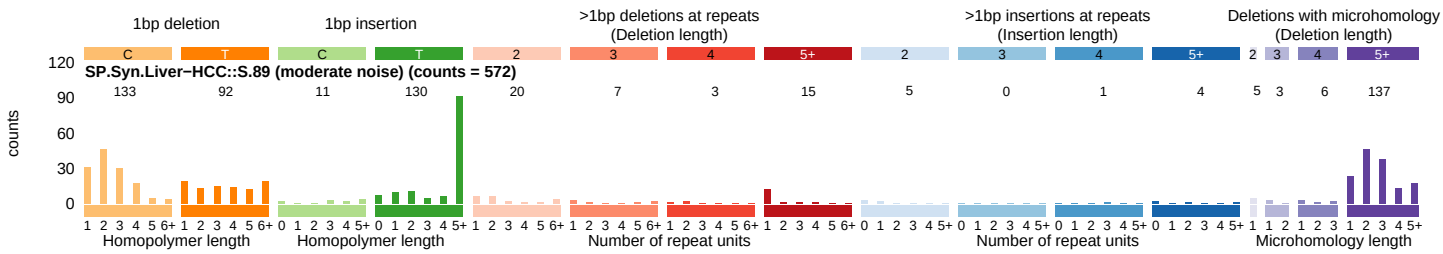
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.87 (moderate noise) (counts = 797)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.88 (moderate noise) (counts = 985)
counts
Homopolymer length
Number of repeat units
Microhomology length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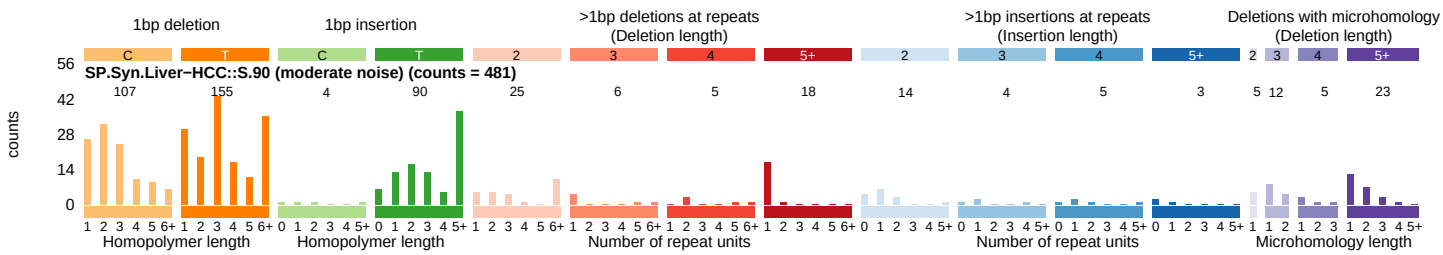
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.89 (moderate noise) (counts = 572)
counts
Homopolymer length
Number of repeat units
Microhomology length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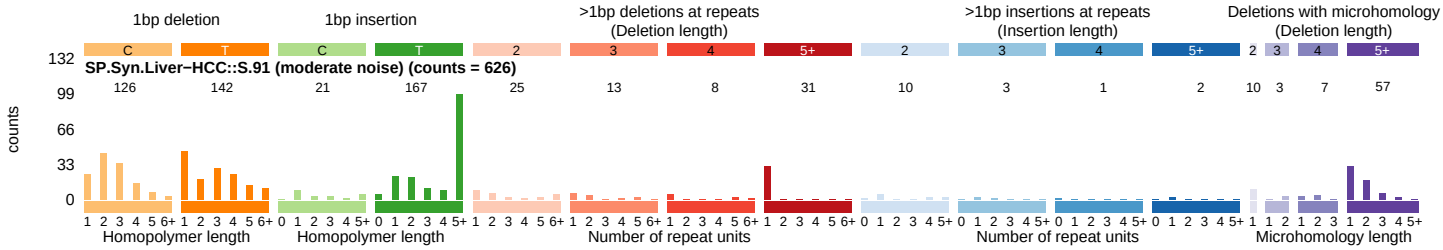
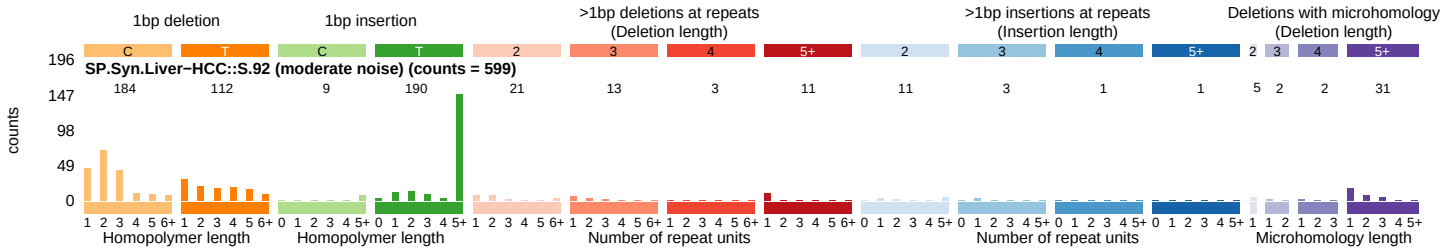
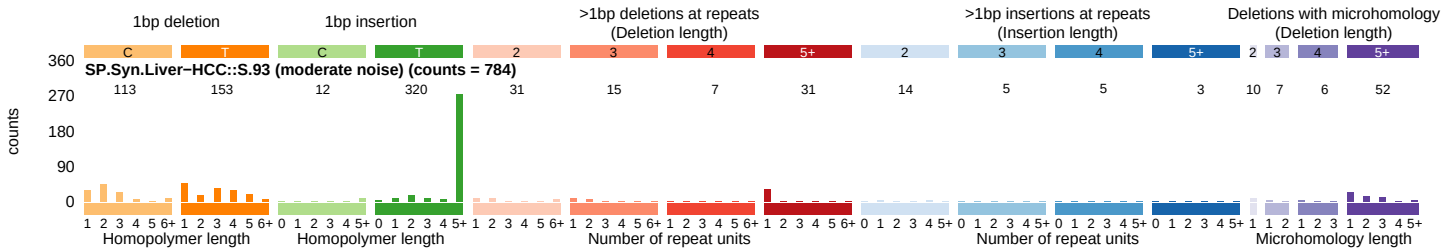
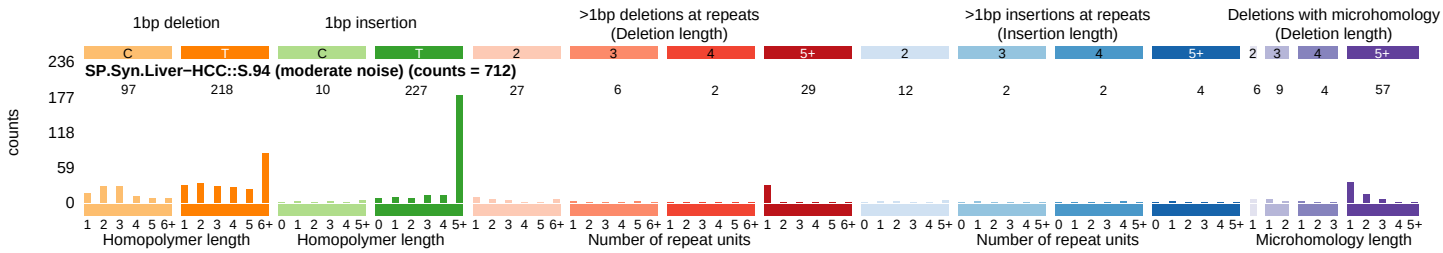
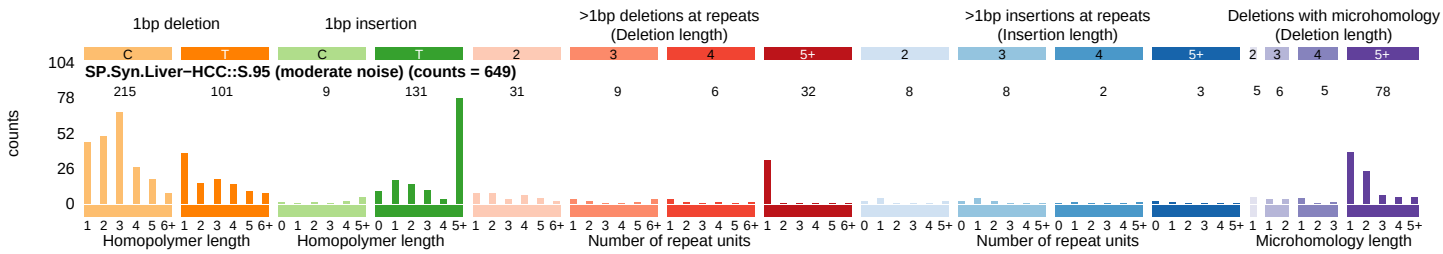
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.90 (moderate noise) (counts = 481)
counts
Homopolymer length
Number of repeat units
Microhomology length

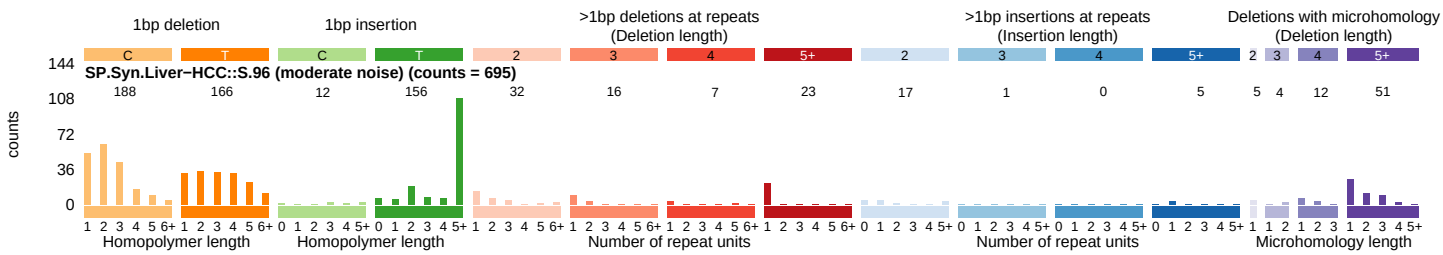

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.91 (moderate noise) (counts = 626)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.92 (moderate noise) (counts = 599)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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 (moderate 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.Liver−HCC::S.94 (moderate noise) (counts = 712)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.95 (moderate noise) (counts = 649)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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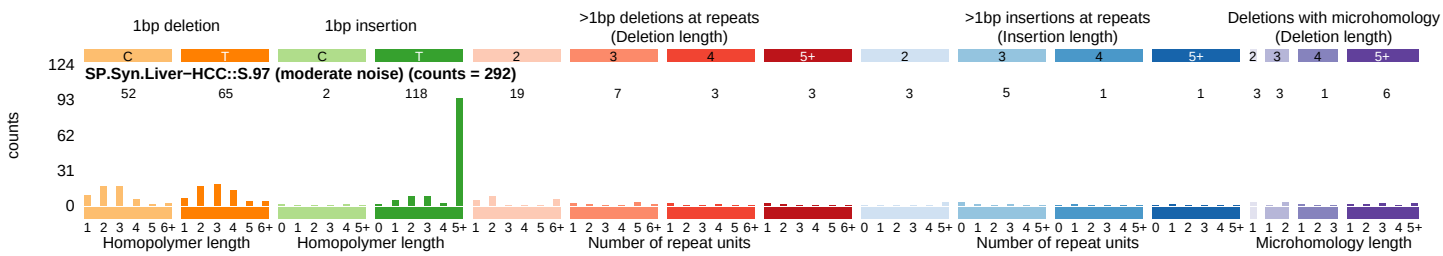
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.96 (moderate noise) (counts = 695)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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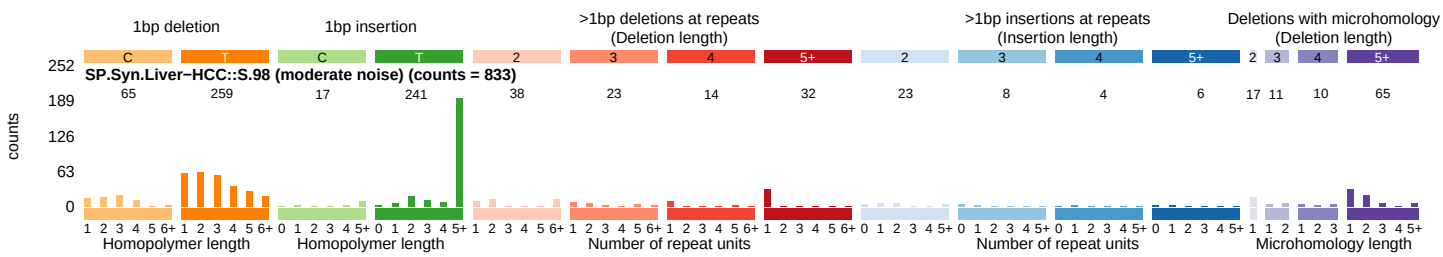
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.97 (moderate noise) (counts = 292)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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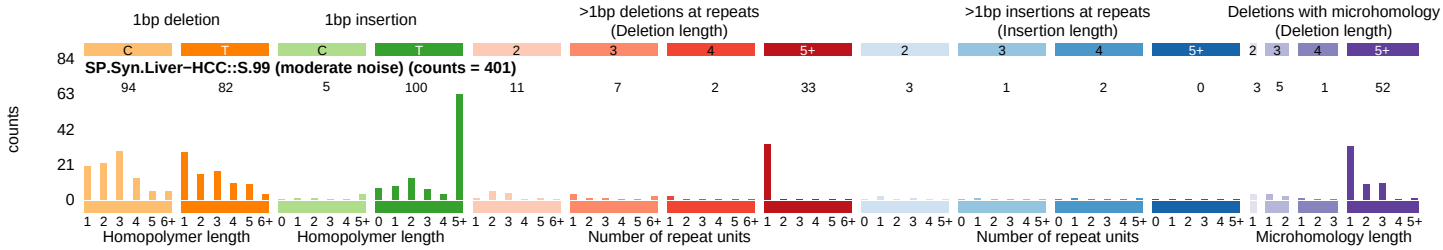
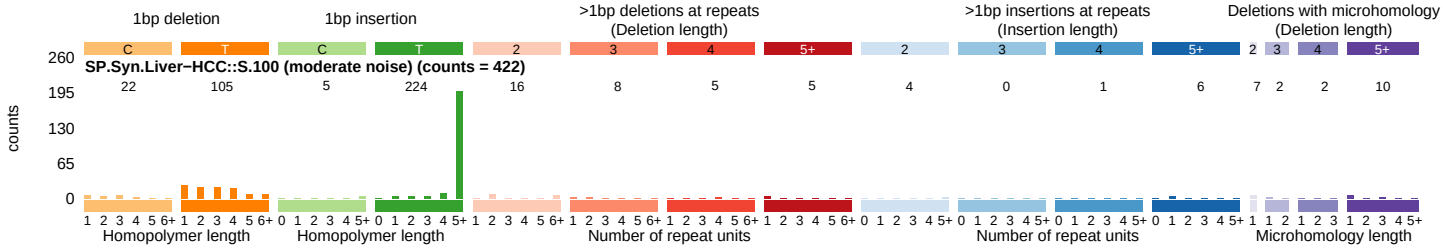
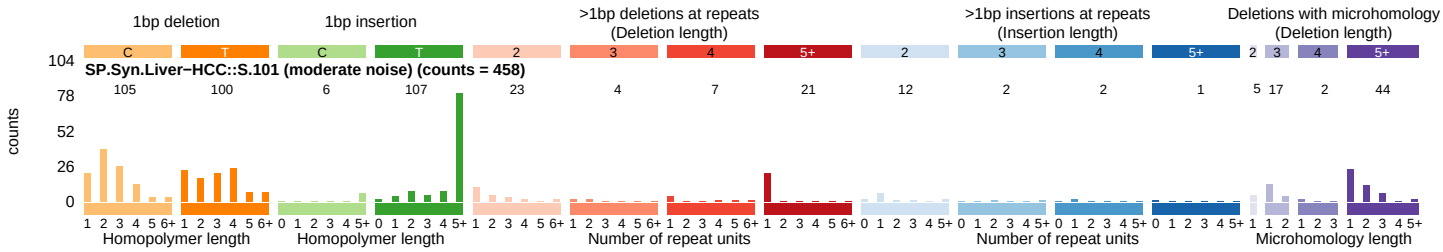
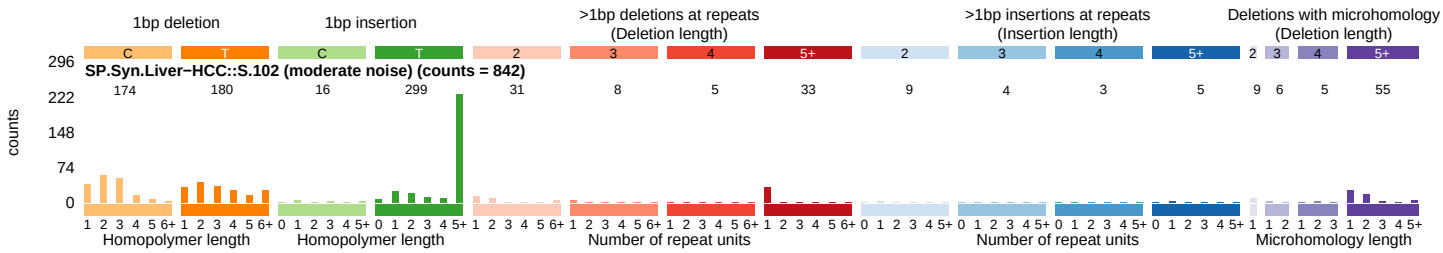
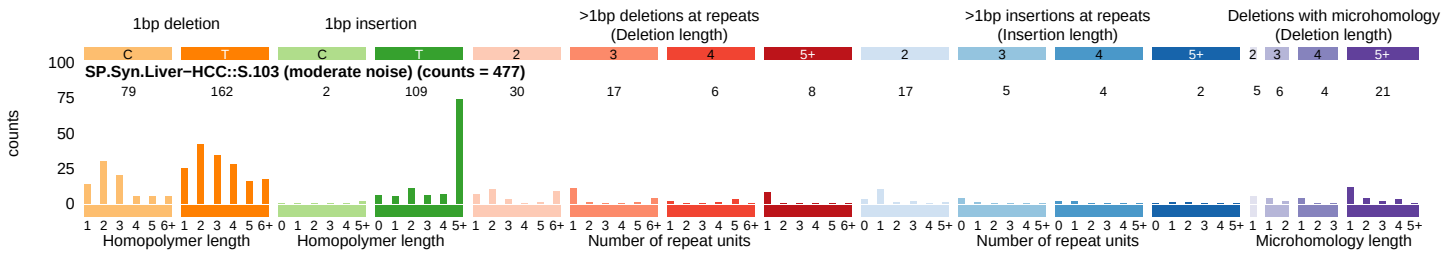
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.98 (moderate noise) (counts = 833)
counts
Homopolymer length
Number of repeat units
Microhomology length

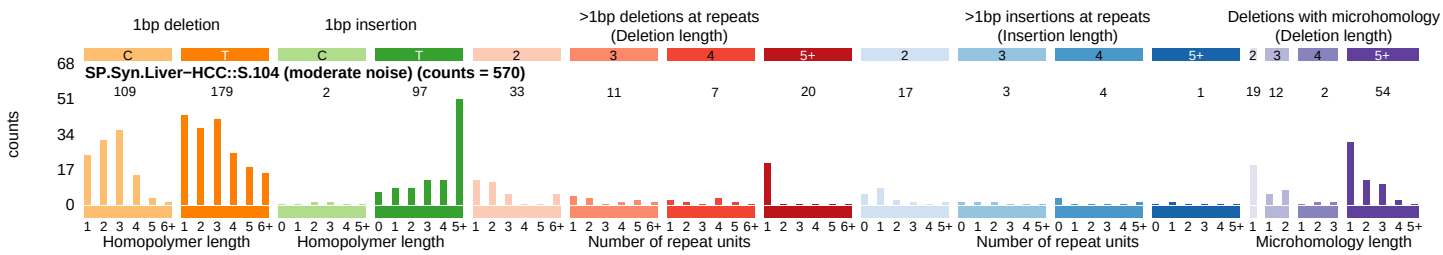

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.99 (moderate noise) (counts = 401)
94 82 5 100 11 7 2 33 3 1 2 0 3 5 1 52
counts
Homopolymer length
Number of repeat units
Microhomology length

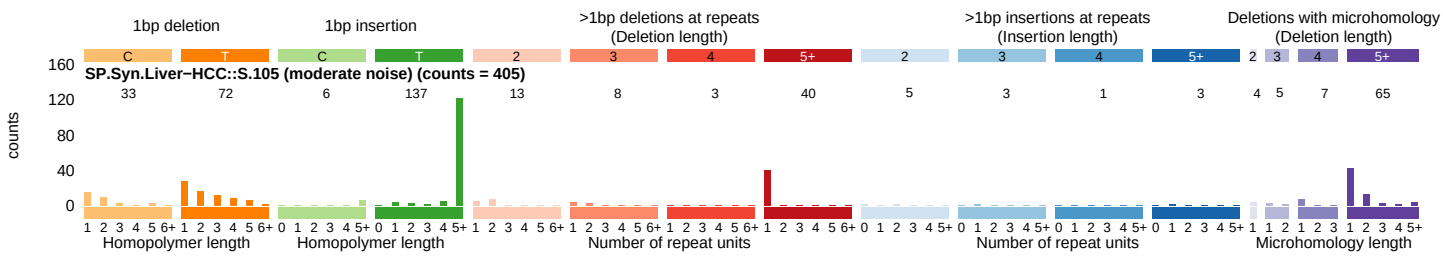

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.100 (moderate noise) (counts = 422)
22 105 5 224 16 8 5 5 4 0 1 6 7 2 2 10
counts
Homopolymer length
Number of repeat units
Microhomology length

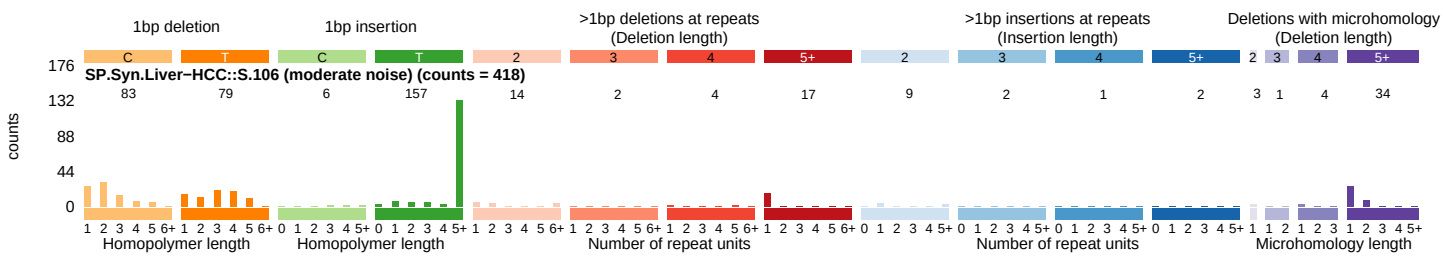

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.101 (moderate noise) (counts = 458)
105 100 6 107 23 4 7 21 12 2 2 1 5 17 2 44
counts
Homopolymer length
Number of repeat units
Microhomology length

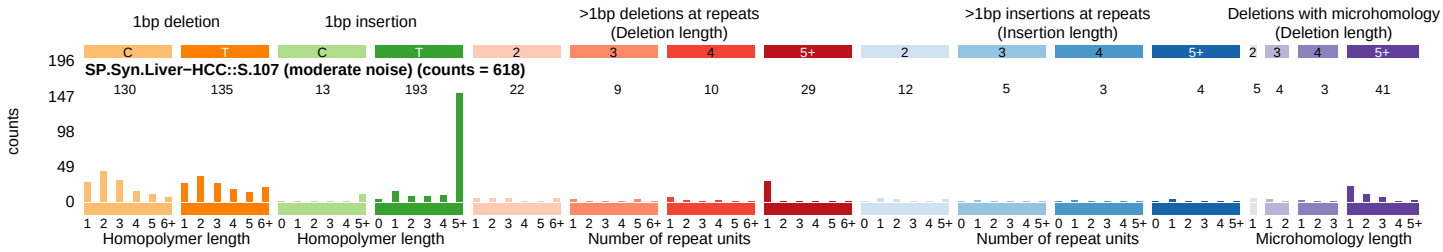

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.102 (moderate noise) (counts = 842)
174 180 16 299 31 8 5 33 9 4 3 5 9 6 5 55
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.103 (moderate noise) (counts = 477)
79 162 2 109 30 17 6 8 17 5 4 2 5 6 4 21
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.104 (moderate noise) (counts = 570)
109 179 2 97 33 11 7 20 17 3 4 1 19 12 2 54
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.105 (moderate noise) (counts = 405)
33 72 6 137 13 8 3 40 5 3 1 3 4 5 7 65
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.106 (moderate noise) (counts = 418)
83 79 6 157 14 2 4 17 9 2 1 2 3 1 4 34
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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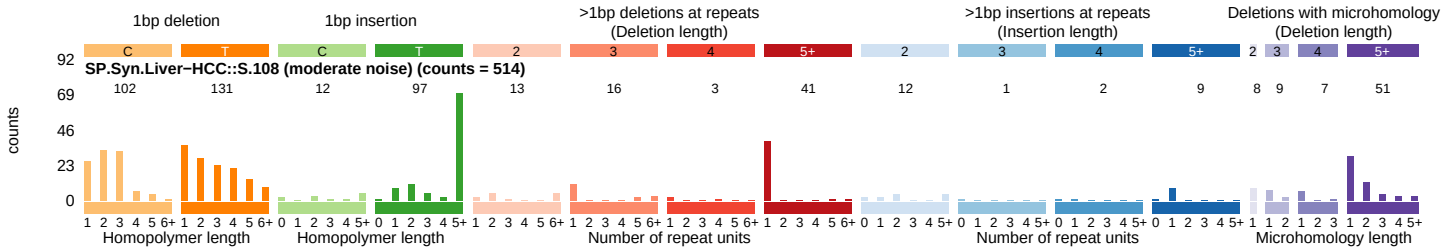
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.107 (moderate noise) (counts = 618)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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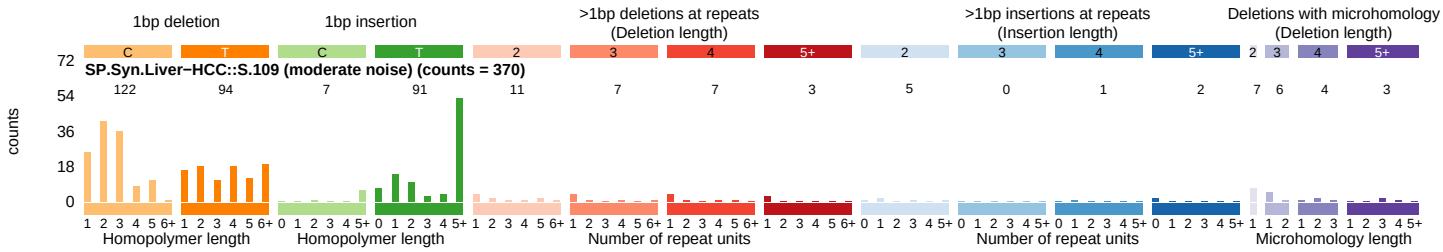
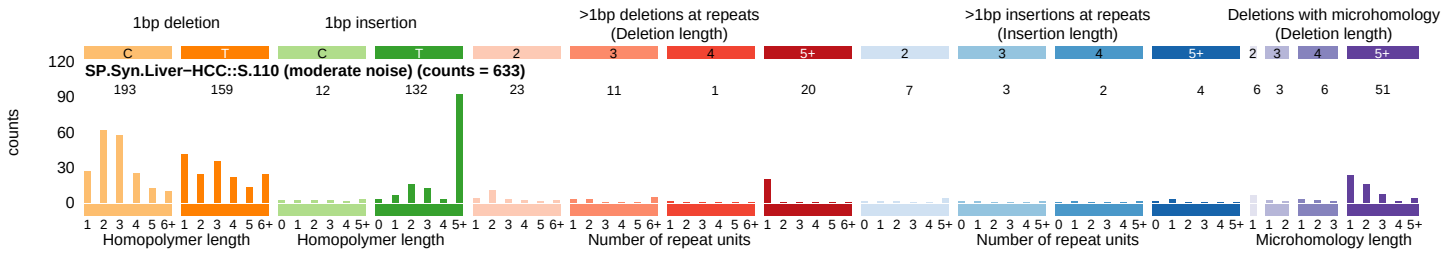
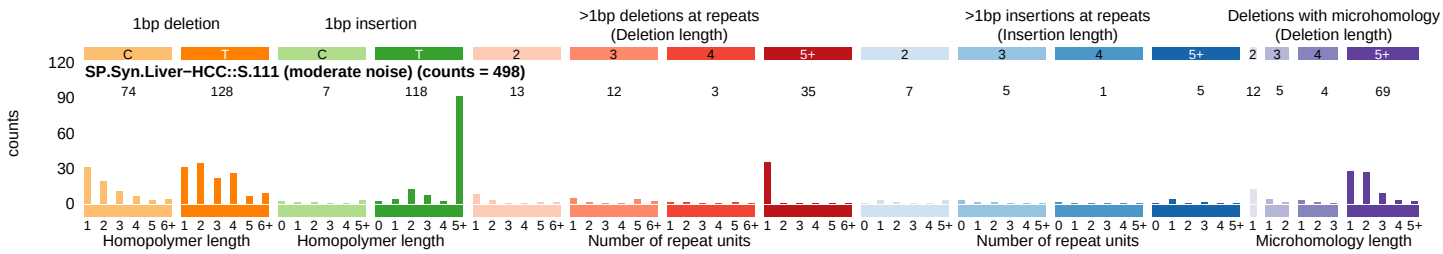
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.108 (moderate noise) (counts = 514)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.109 (moderate 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.Liver−HCC::S.110 (moderate noise) (counts = 633)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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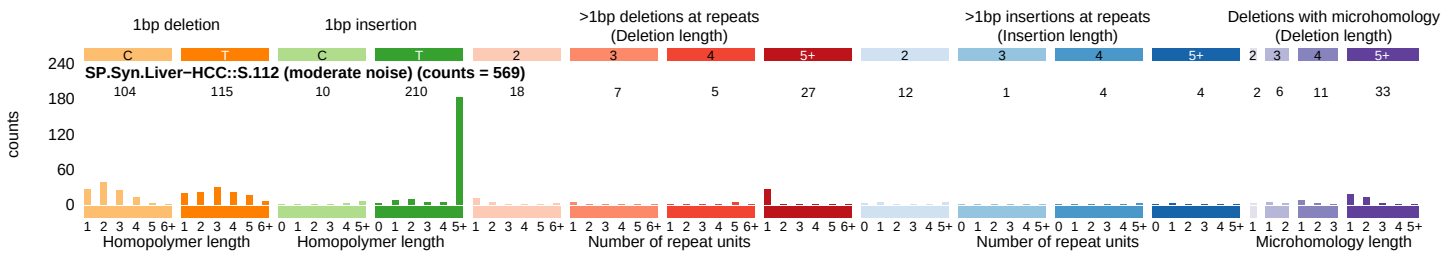
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.111 (moderate noise) (counts = 498)
counts
Homopolymer length
Number of repeat units
Microhomology length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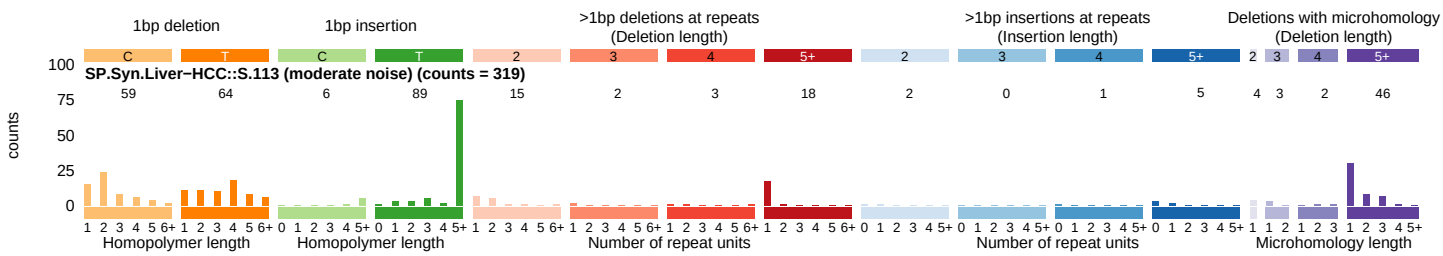
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.112 (moderate noise) (counts = 569)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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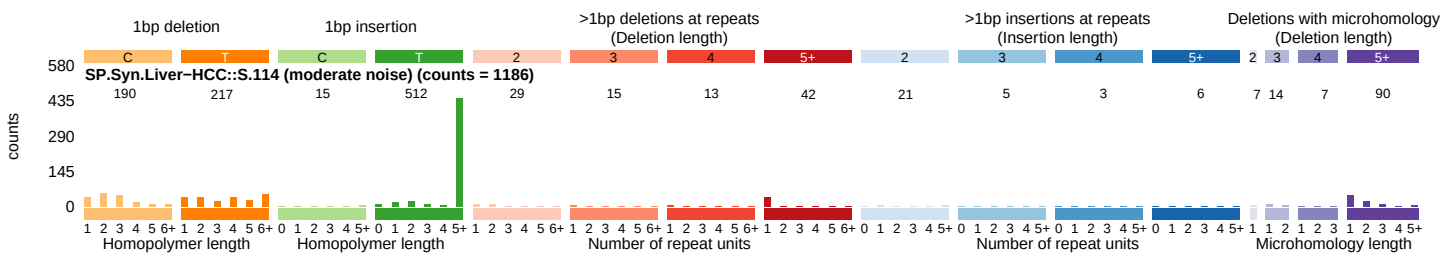
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.113 (moderate noise) (counts = 319)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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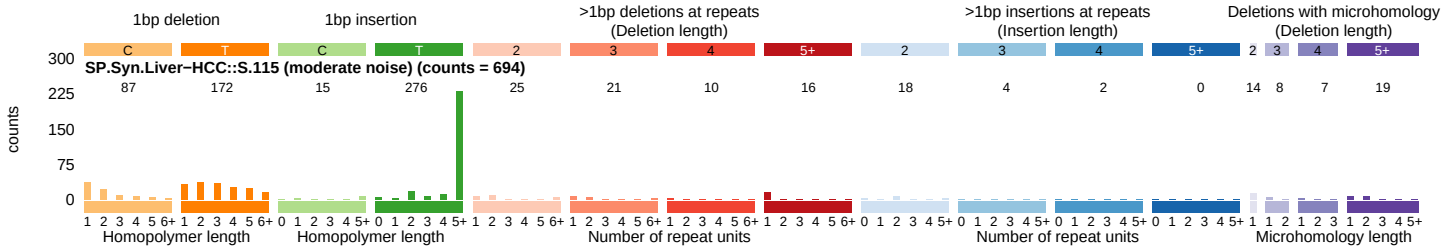
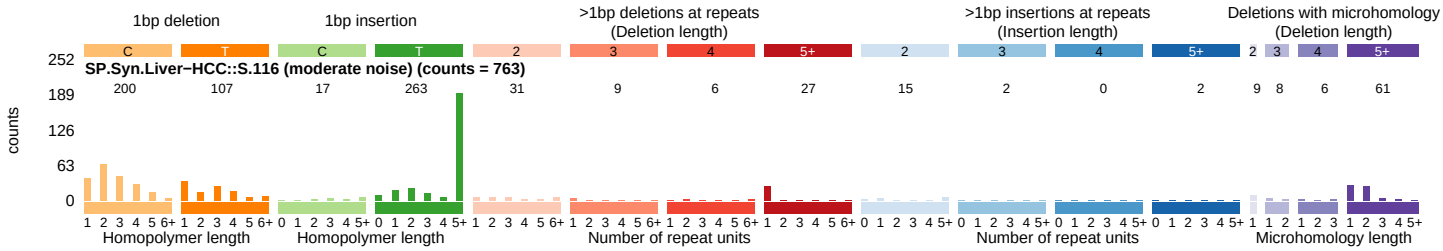
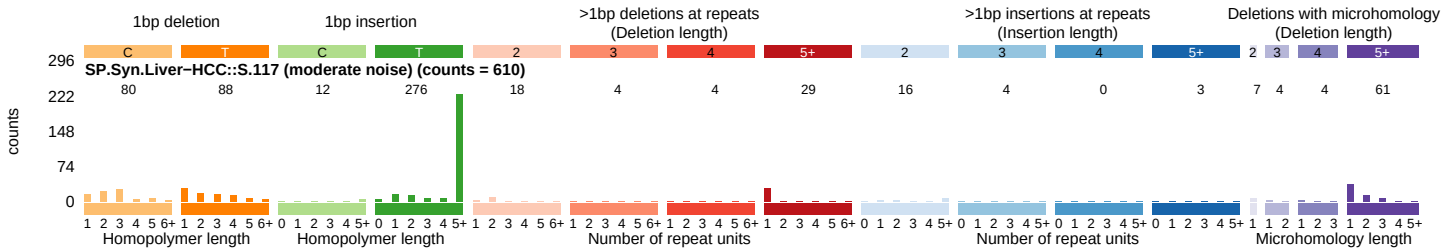
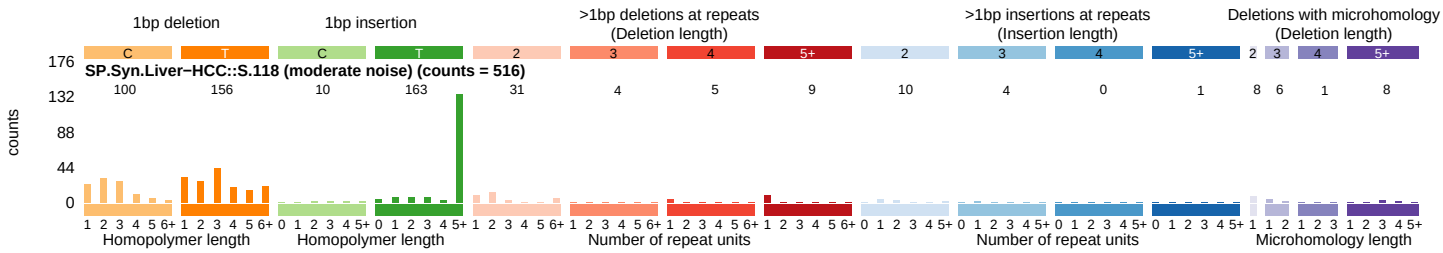
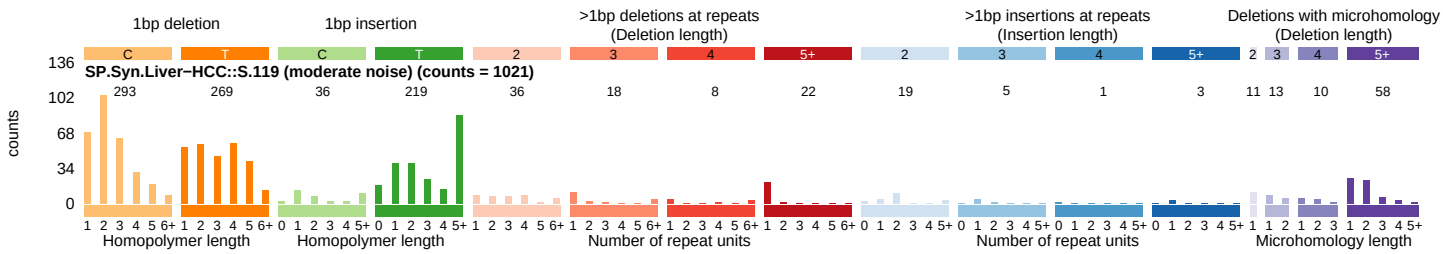
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.114 (moderate noise) (counts = 1186)
counts
Homopolymer length
Number of repeat units
Microhomology length

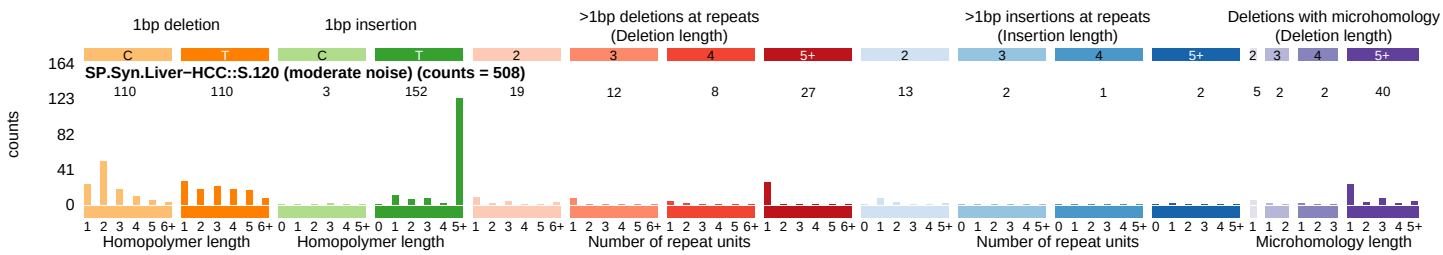

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.115 (moderate noise) (counts = 694)
87 172 15 276 25 21 10 16 18 4 2 0 14 8 7 19
counts
300 225 150 75 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

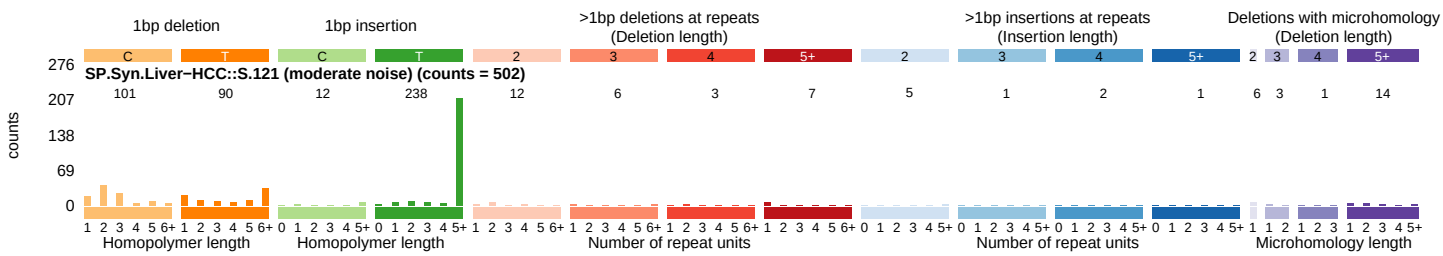

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.116 (moderate noise) (counts = 763)
200 107 17 263 31 9 6 27 15 2 0 2 9 8 6 61
counts
252 189 126 63 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

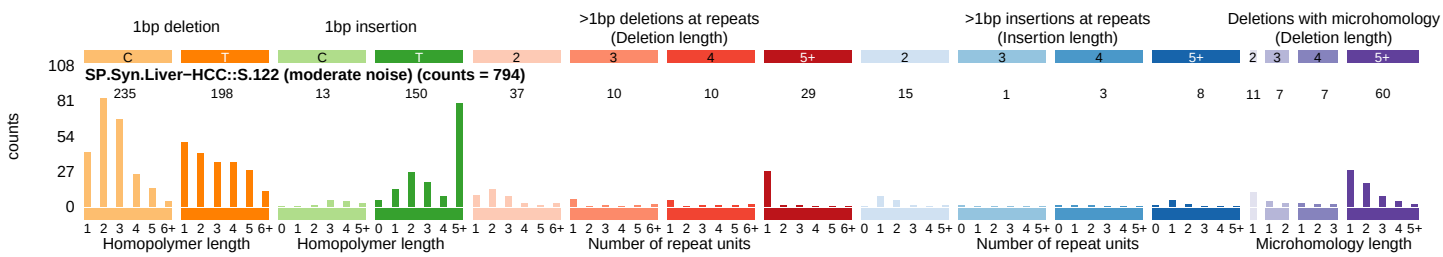

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.117 (moderate noise) (counts = 610)
80 88 12 276 18 4 4 29 16 4 0 3 7 4 4 61
counts
296 222 148 74 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

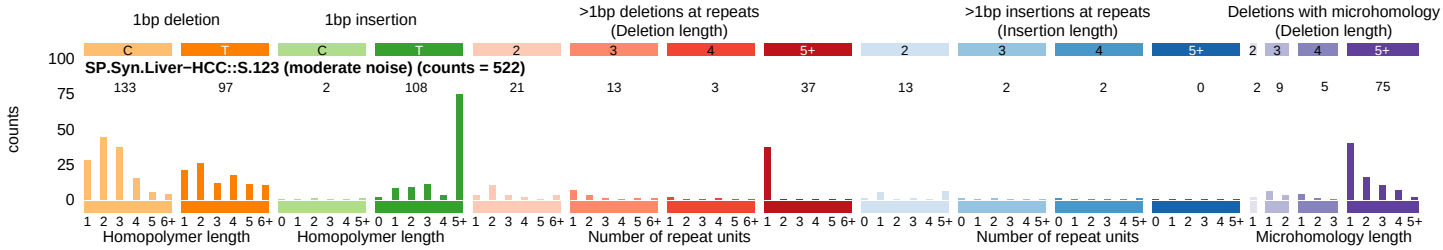

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.118 (moderate noise) (counts = 516)
100 156 10 163 31 4 5 9 10 4 0 1 8 6 1 8
counts
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

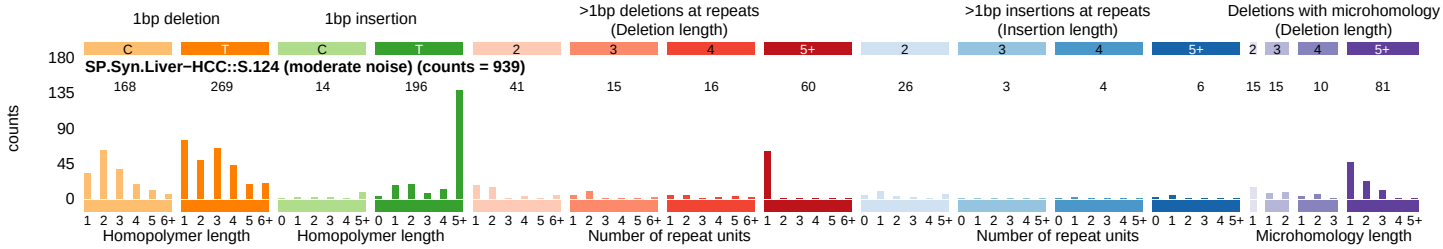

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.119 (moderate noise) (counts = 1021)
293 269 36 219 36 18 8 22 19 5 1 3 11 13 10 58
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

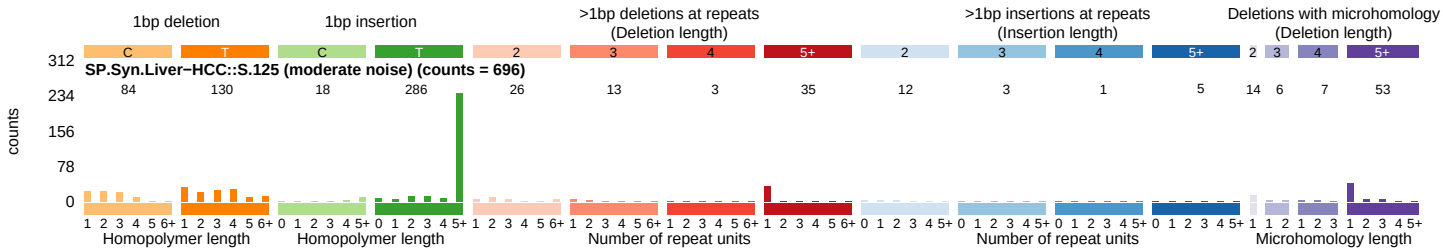

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.120 (moderate noise) (counts = 508)
110 110 3 152 19 12 8 27 13 2 1 2 5 2 2 40
counts
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

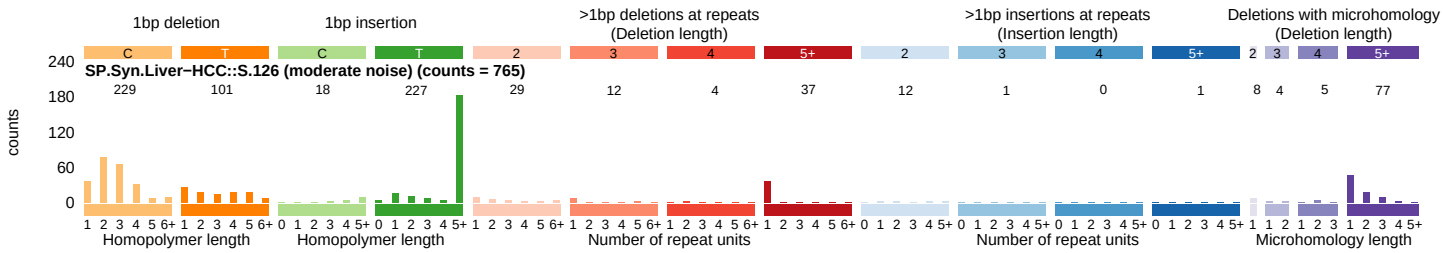

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.121 (moderate noise) (counts = 502)
101 90 12 238 12 6 3 7 5 1 2 1 6 3 1 14
counts
276 207 138 69 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

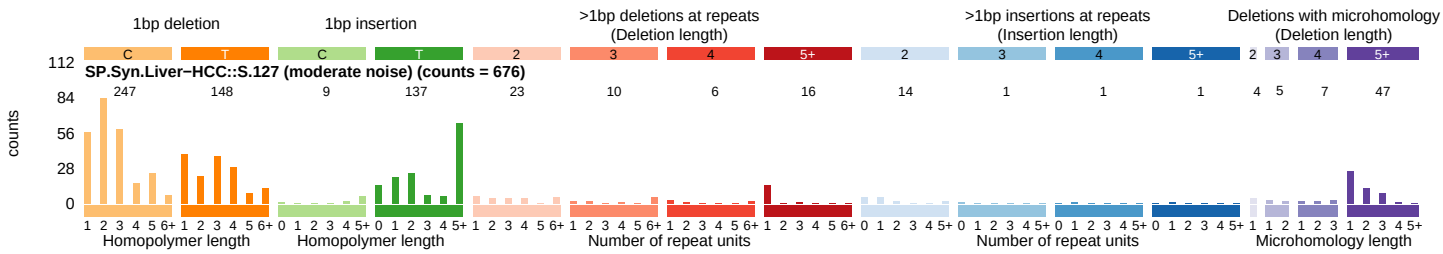

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.122 (moderate noise) (counts = 794)
235 198 13 150 37 10 10 29 15 1 3 8 11 7 7 60
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+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

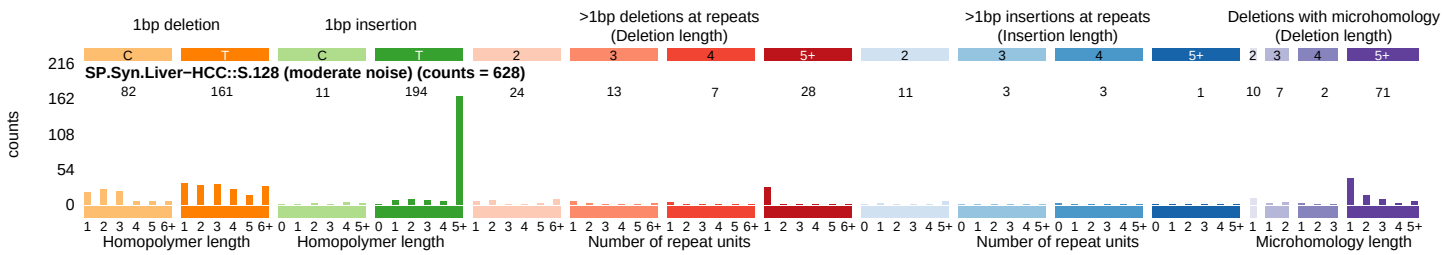

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.123 (moderate noise) (counts = 522)
133 97 2 108 21 13 3 37 13 2 2 0 2 9 5 75
counts
Homopolymer length
Number of repeat units
Microhomology length

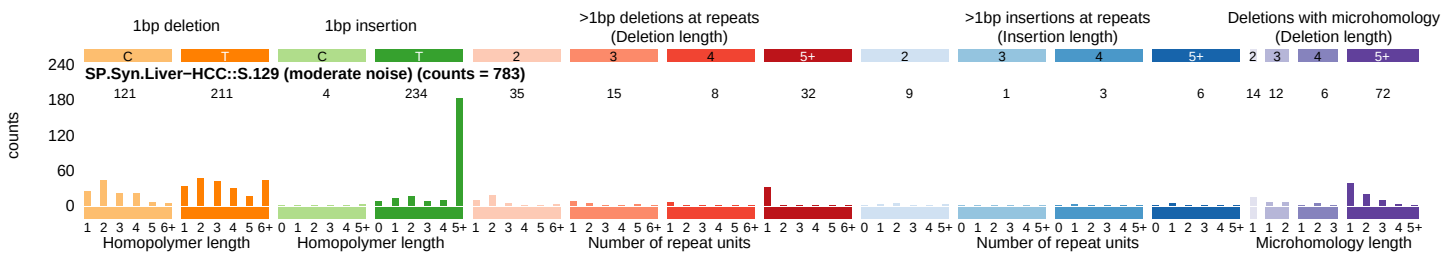

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.124 (moderate noise) (counts = 939)
168 269 14 196 41 15 16 60 26 3 4 6 15 15 10 81
counts
Homopolymer length
Number of repeat units
Microhomology length

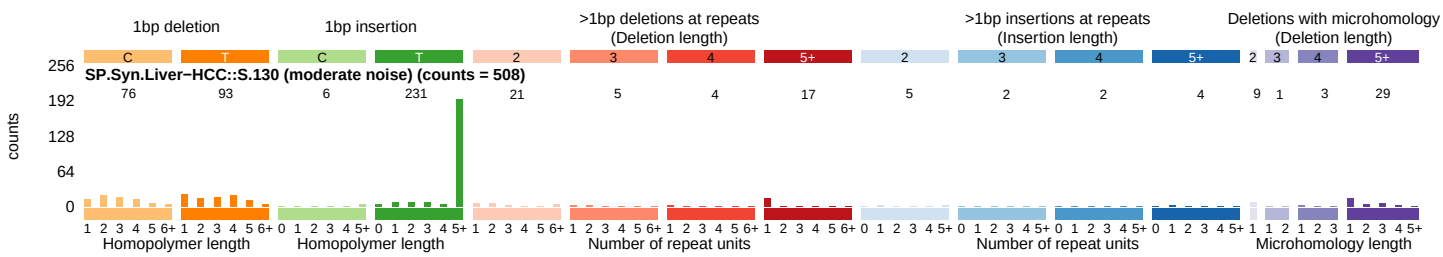

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.125 (moderate noise) (counts = 696)
84 130 18 286 26 13 3 35 12 3 1 5 14 6 7 53
counts
Homopolymer length
Number of repeat units
Microhomology length

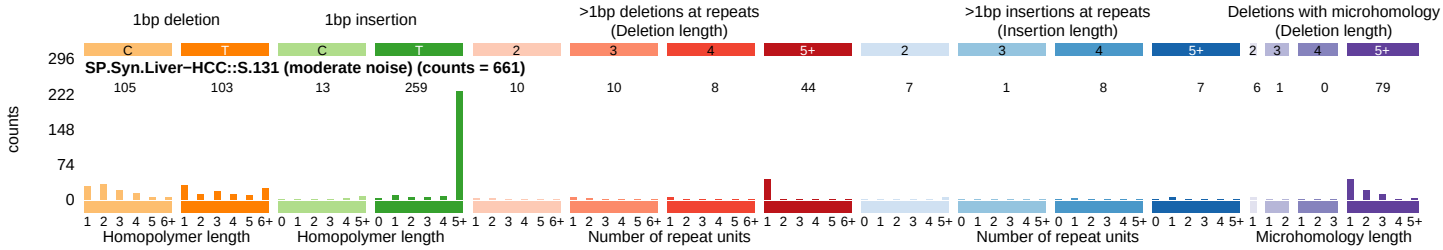

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.126 (moderate noise) (counts = 765)
229 101 18 227 29 12 4 37 12 1 0 1 8 4 5 77
counts
Homopolymer length
Number of repeat units
Microhomology length

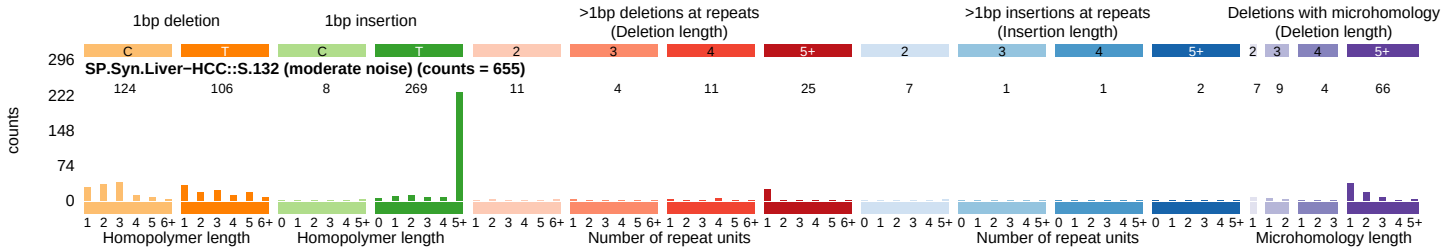

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.127 (moderate noise) (counts = 676)
247 148 9 137 23 10 6 16 14 1 1 1 4 5 7 47
counts
Homopolymer length
Number of repeat units
Microhomology length

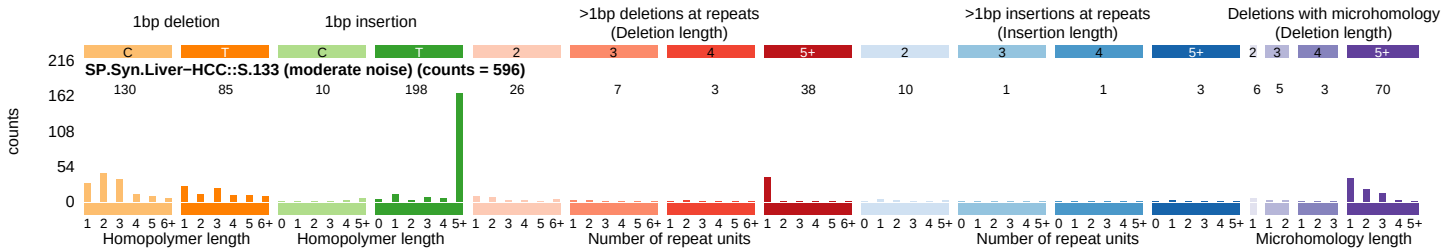

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.128 (moderate noise) (counts = 628)
82 161 11 194 24 13 7 28 11 3 3 1 10 7 2 71
counts
Homopolymer length
Number of repeat units
Microhomology length

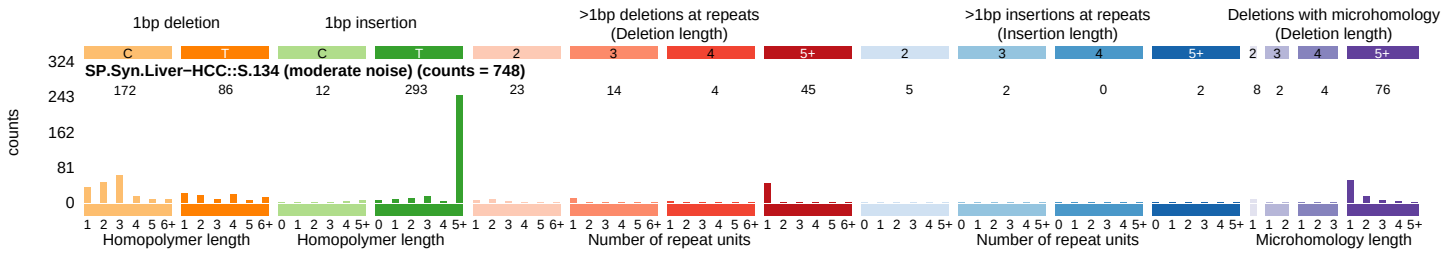

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.129 (moderate noise) (counts = 783)
121 211 4 234 35 15 8 32 9 1 3 6 14 12 6 72
counts
Homopolymer length
Number of repeat units
Microhomology length

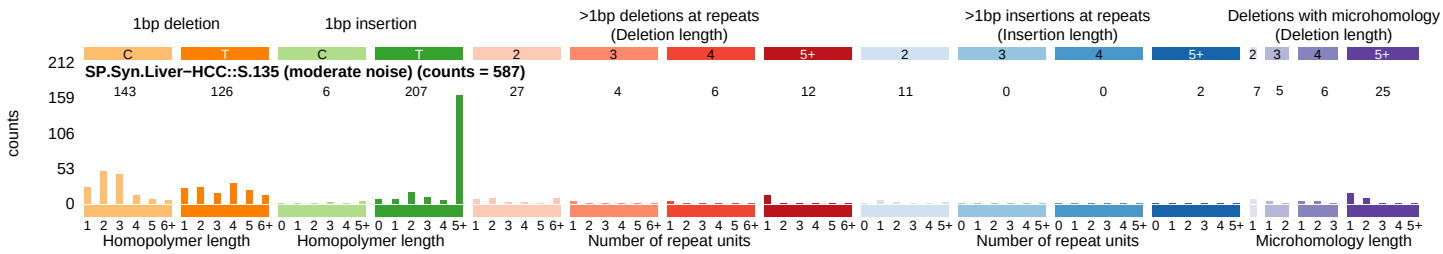

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.130 (moderate noise) (counts = 508)
76 93 6 231 21 5 4 17 5 2 2 4 9 1 3 29
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.131 (moderate noise) (counts = 661)
105 103 13 259 10 10 8 44 7 1 8 7 6 1 0 79
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.132 (moderate noise) (counts = 655)
124 106 8 269 11 4 11 25 7 1 1 2 7 9 4 66
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.133 (moderate noise) (counts = 596)
130 85 10 198 26 7 3 38 10 1 1 3 6 5 3 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.134 (moderate noise) (counts = 748)
172 86 12 293 23 14 4 45 5 2 0 2 8 2 4 76
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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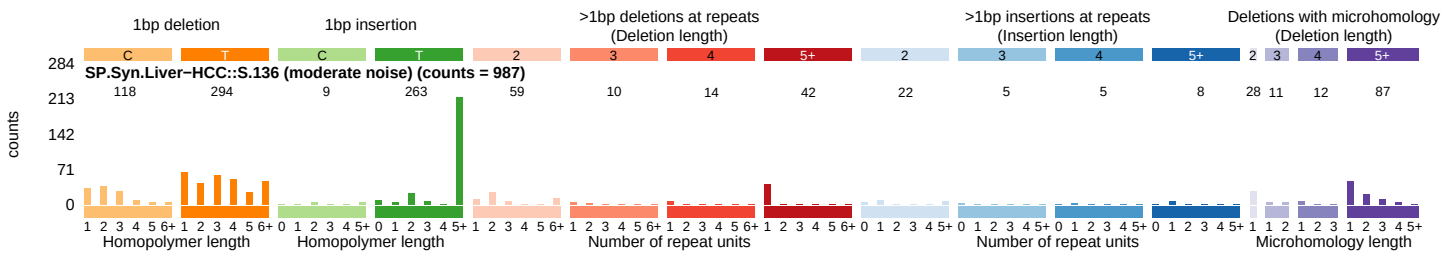
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.135 (moderate noise) (counts = 587)
143 126 6 207 27 4 6 12 11 0 0 2 7 5 6 25
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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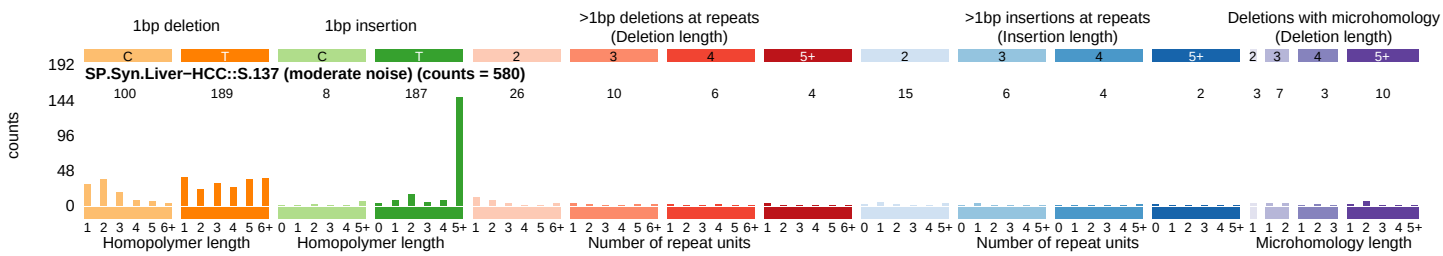
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.136 (moderate noise) (counts = 987)
118 294 9 263 59 10 14 42 22 5 5 8 28 11 12 87
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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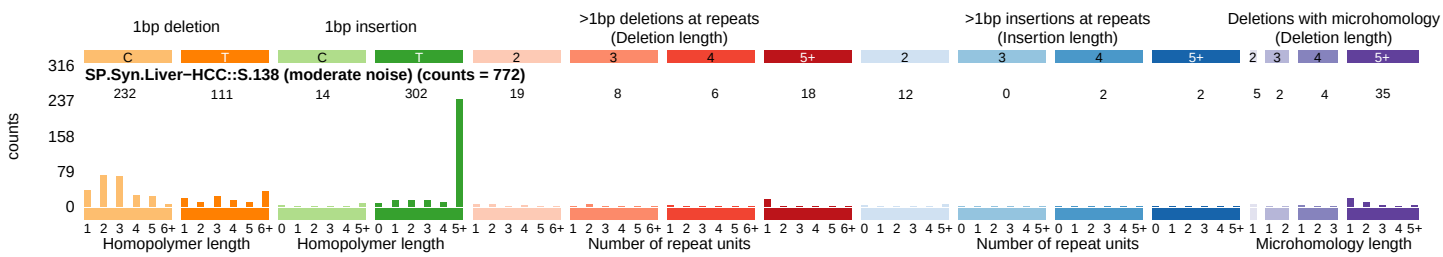
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.137 (moderate noise) (counts = 580)
100 189 8 187 26 10 6 4 15 6 4 2 3 7 3 10
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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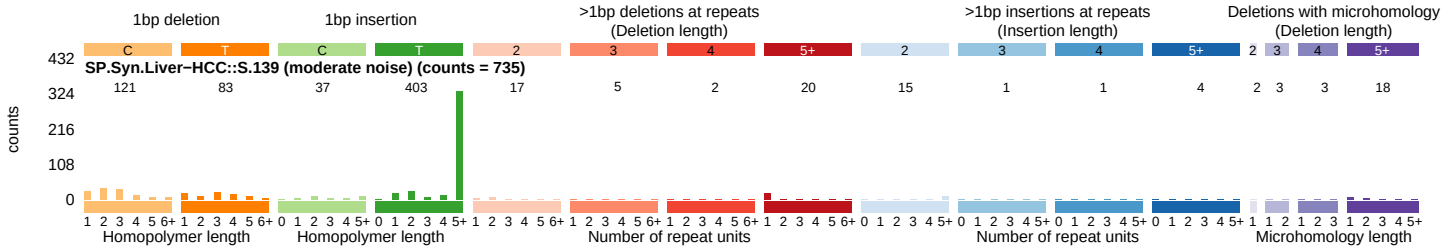
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.138 (moderate noise) (counts = 772)
232 111 14 302 19 8 6 18 12 0 2 2 5 2 4 35
counts
Homopolymer length
Number of repeat units
Microhomology length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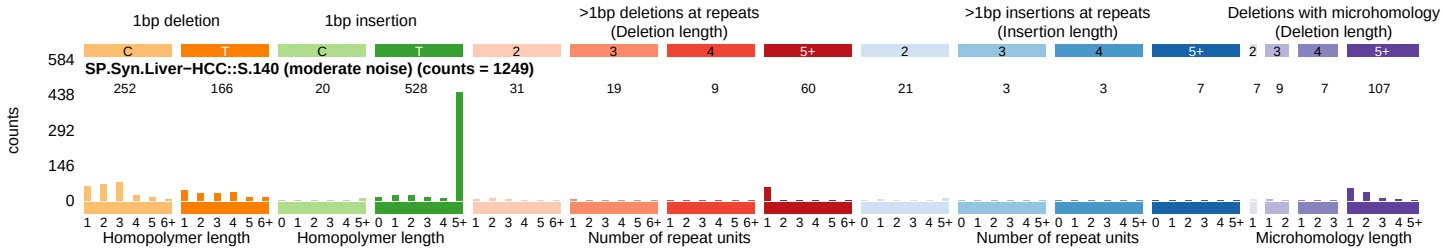
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.139 (moderate noise) (counts = 735)
121 83 37 403 17 5 2 20 15 1 1 4 2 3 3 18
counts
432 324 216 108 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+ 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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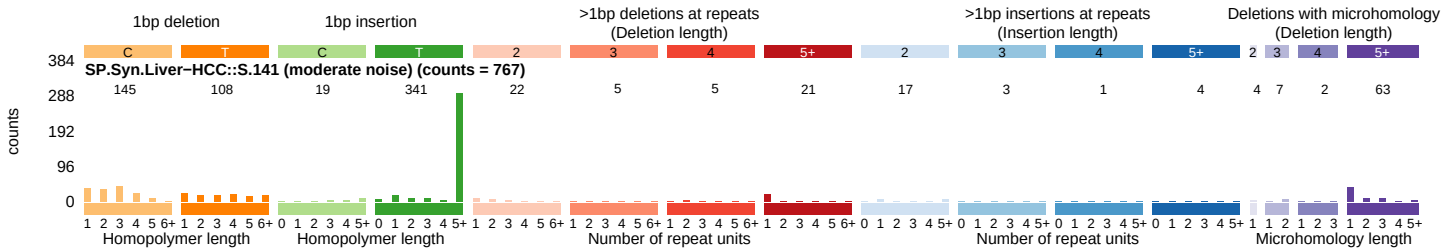
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.140 (moderate noise) (counts = 1249)
252 166 20 528 31 19 9 60 21 3 3 7 7 9 7 107
counts
584 438 292 146 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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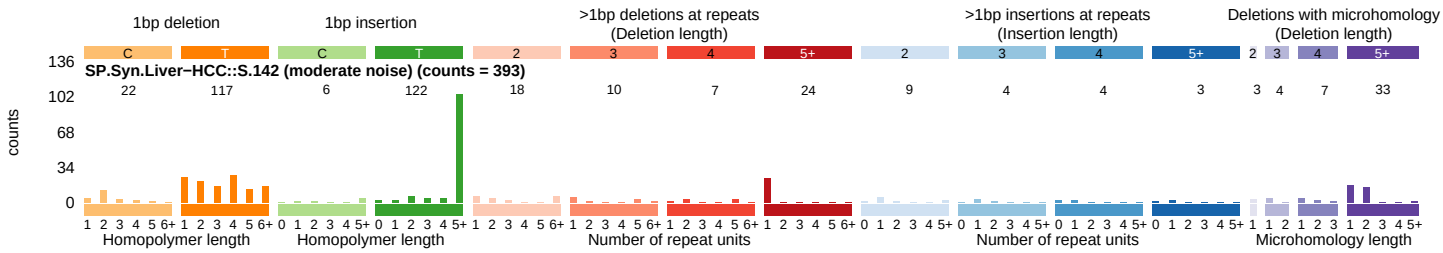
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.141 (moderate noise) (counts = 767)
145 108 19 341 22 5 5 21 17 3 1 4 4 7 2 63
counts
384 288 192 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+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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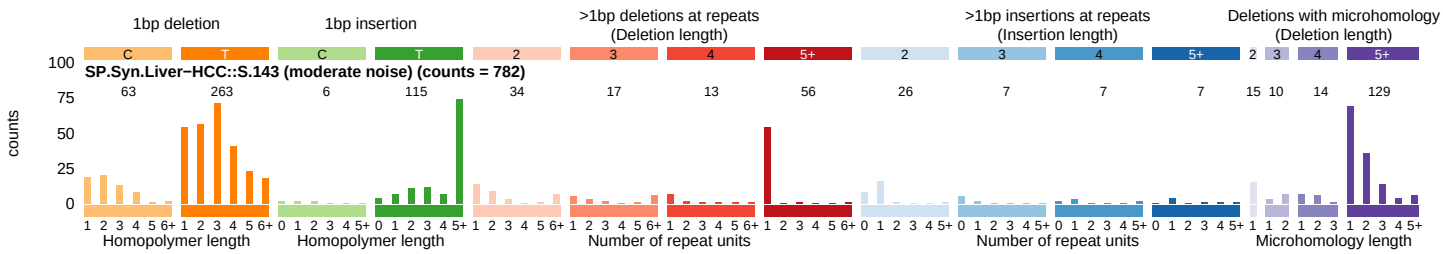
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.142 (moderate noise) (counts = 393)
22 117 6 122 18 10 7 24 9 4 4 3 3 4 7 33
counts
136 102 68 34 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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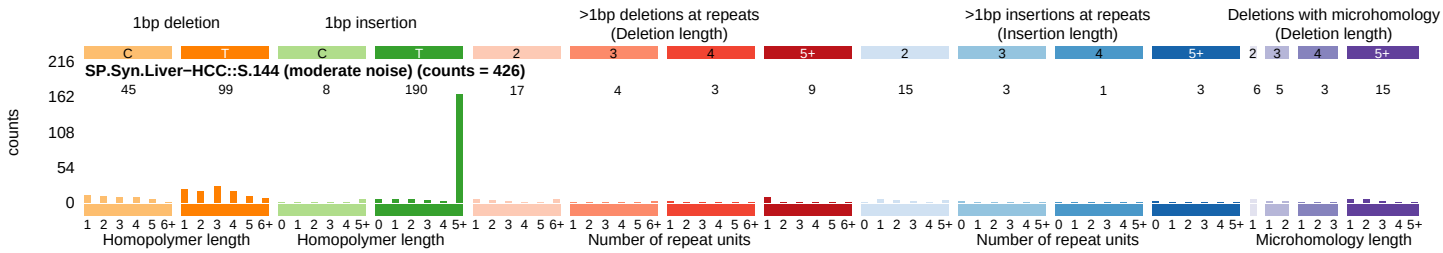
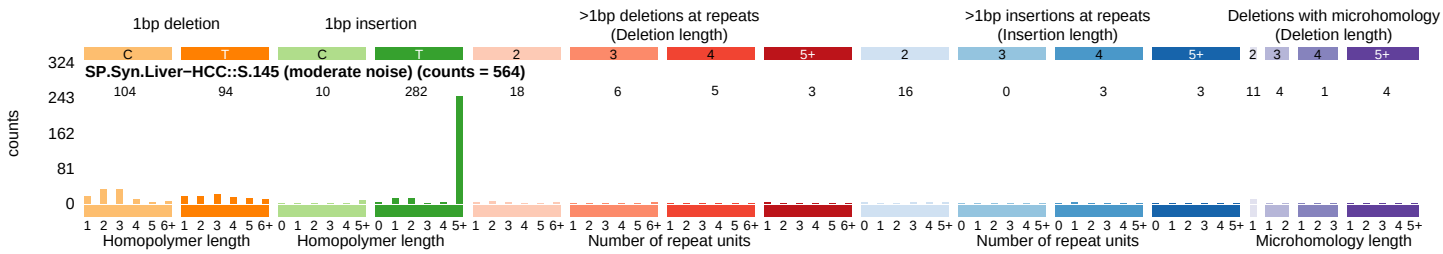
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.143 (moderate noise) (counts = 782)
63 263 6 115 34 17 13 56 26 7 7 7 15 10 14 129
counts
100 75 50 25 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 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+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion 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 (moderate noise) (counts = 426)
45 99 8 190 17 4 3 9 15 3 1 3 6 5 3 15
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+ 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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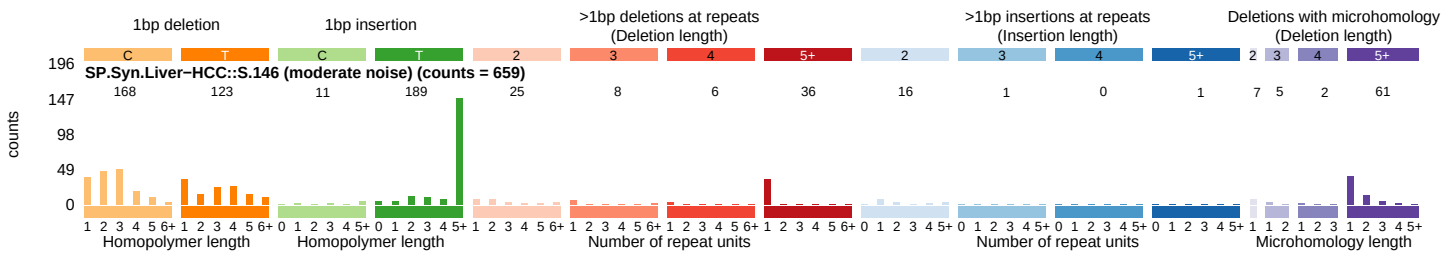
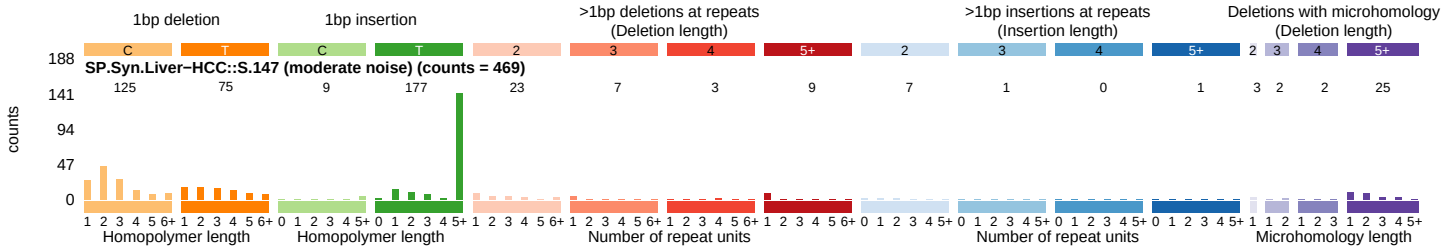
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.145 (moderate noise) (counts = 564)
104 94 10 282 18 6 5 3 16 0 3 3 11 4 1 4
counts
324 243 162 81 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 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.146 (moderate noise) (counts = 659)
168 123 11 189 25 8 6 36 16 1 0 1 7 5 2 61
counts
196 147 98 49 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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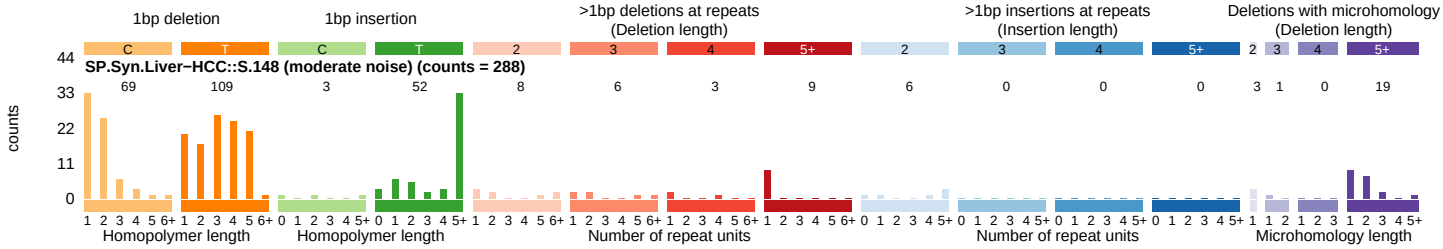
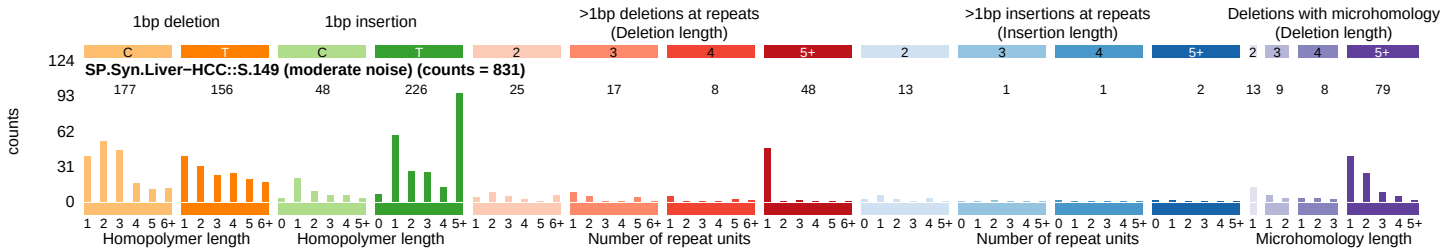
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.147 (moderate noise) (counts = 469)
125 75 9 177 23 7 3 9 7 1 0 1 3 2 2 25
counts
Homopolymer length
Number of repeat units
Microhomology length


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.148 (moderate noise) (counts = 288)
69 109 3 52 8 6 3 9 6 0 0 0 3 1 0 19
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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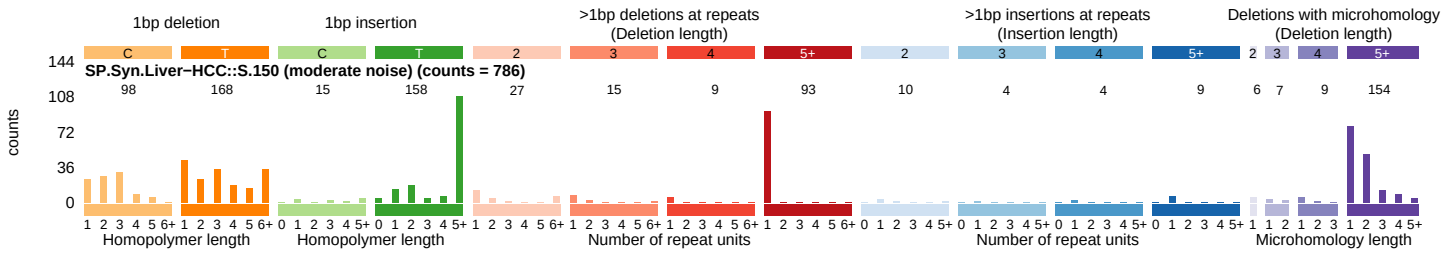
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.149 (moderate noise) (counts = 831)
177 156 48 226 25 17 8 48 13 1 1 2 13 9 8 79
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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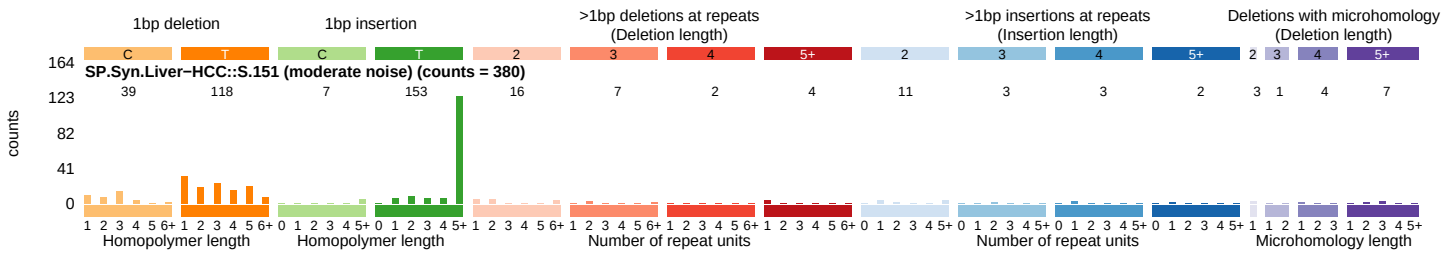
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.150 (moderate noise) (counts = 786)
98 168 15 158 27 15 9 93 10 4 4 9 6 7 9 154
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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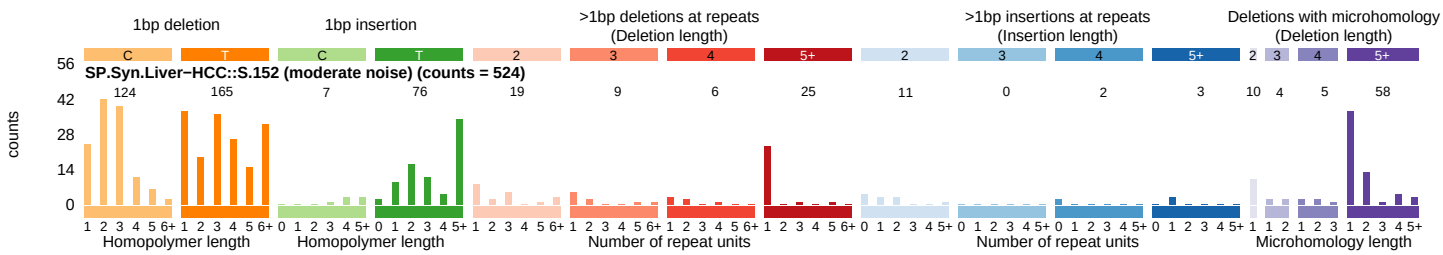
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.151 (moderate noise) (counts = 380)
39 118 7 153 16 7 2 4 11 3 3 2 3 1 4 7
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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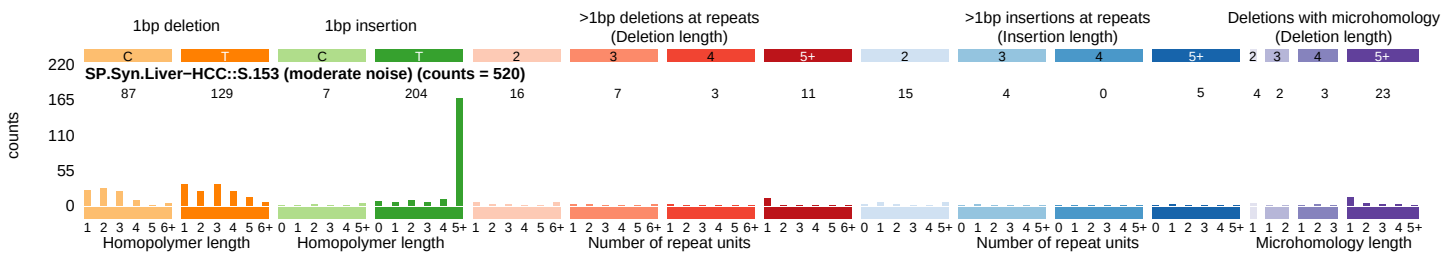
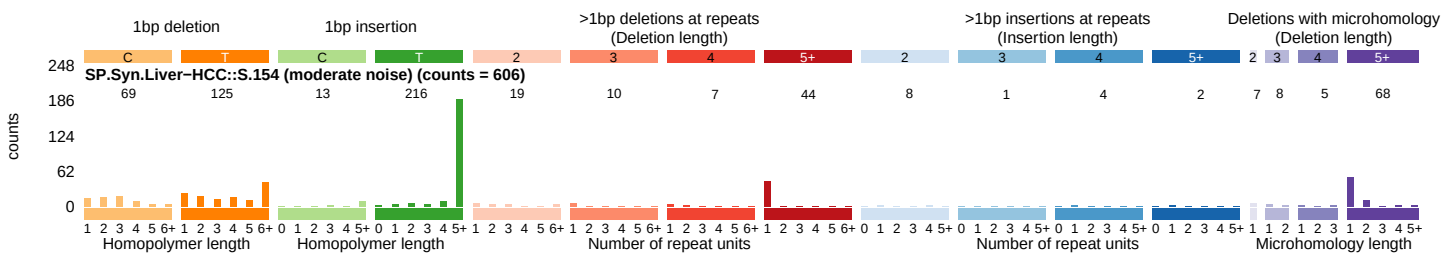
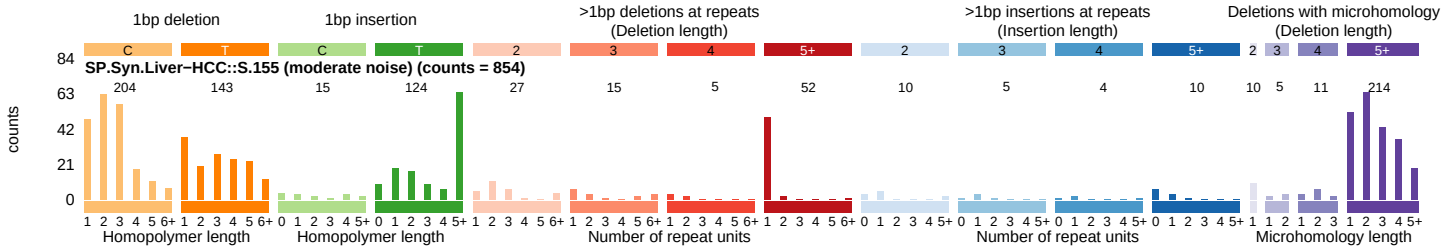
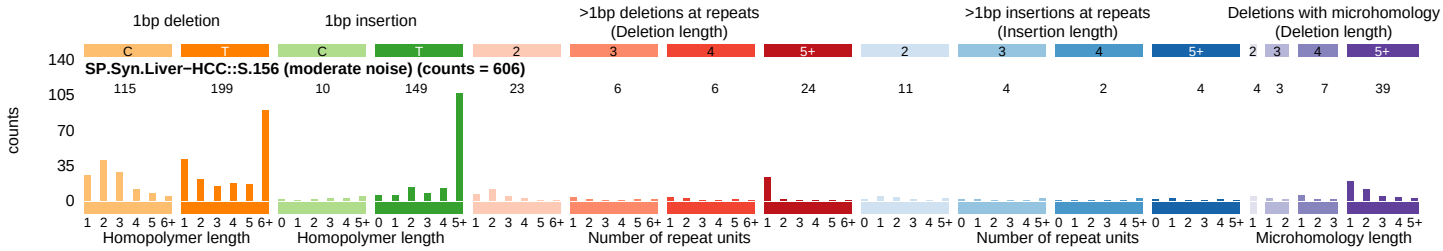
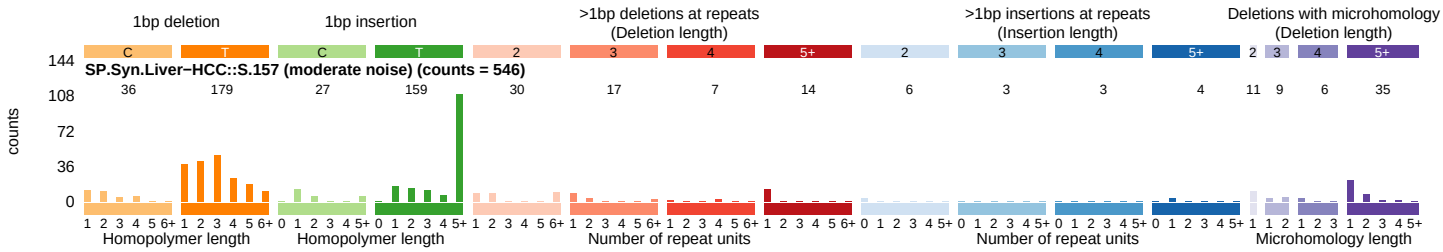
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.152 (moderate noise) (counts = 524)
124 165 7 76 19 9 6 25 11 0 2 3 10 4 5 58
counts
Homopolymer length
Number of repeat units
Microhomology length

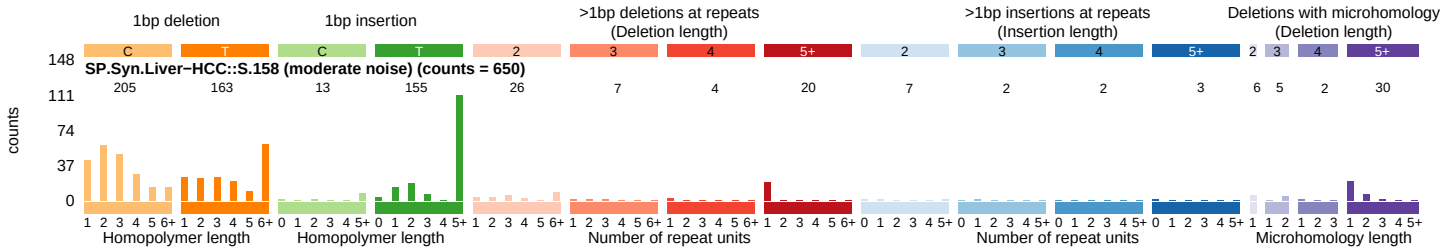

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.153 (moderate noise) (counts = 520)
87 129 7 204 16 7 3 11 15 4 0 5 4 2 3 23
counts
Homopolymer length
Number of repeat 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.154 (moderate noise) (counts = 606)
69 125 13 216 19 10 7 44 8 1 4 2 7 8 5 68
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.155 (moderate noise) (counts = 854)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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 (moderate noise) (counts = 606)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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 (moderate noise) (counts = 546)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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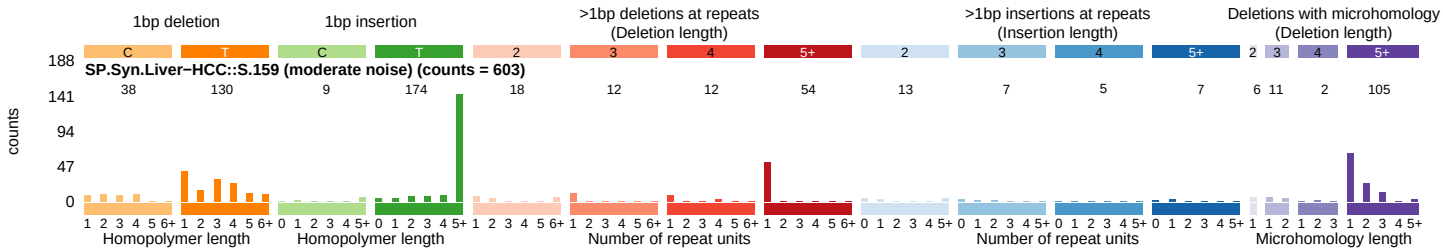
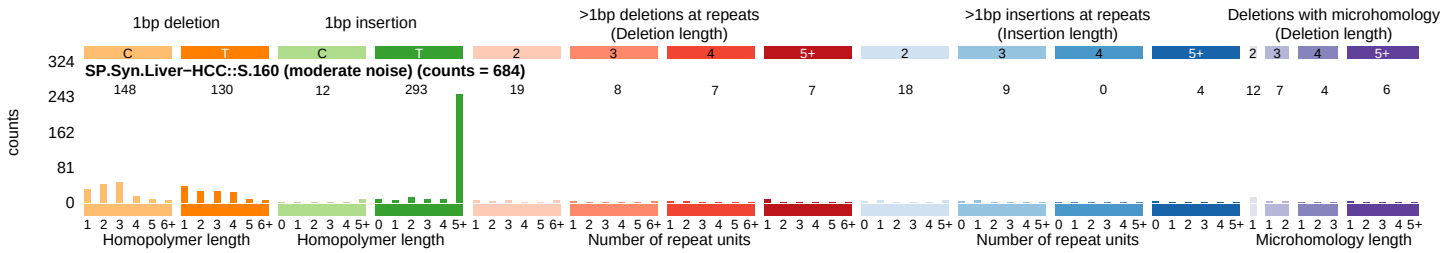
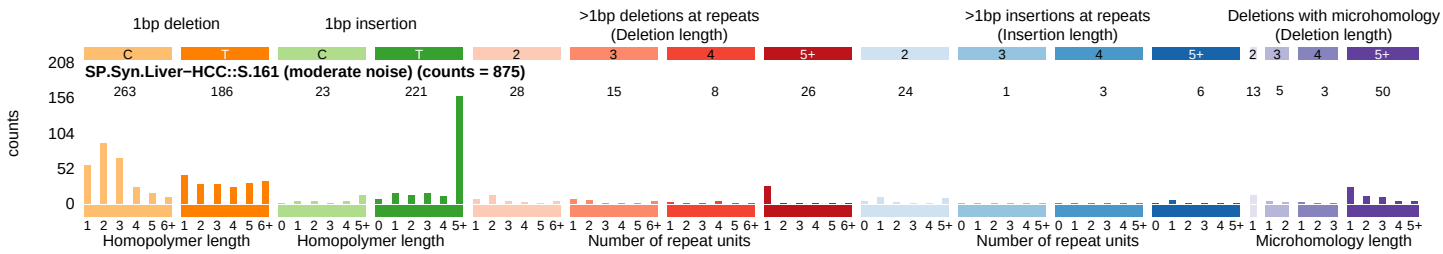
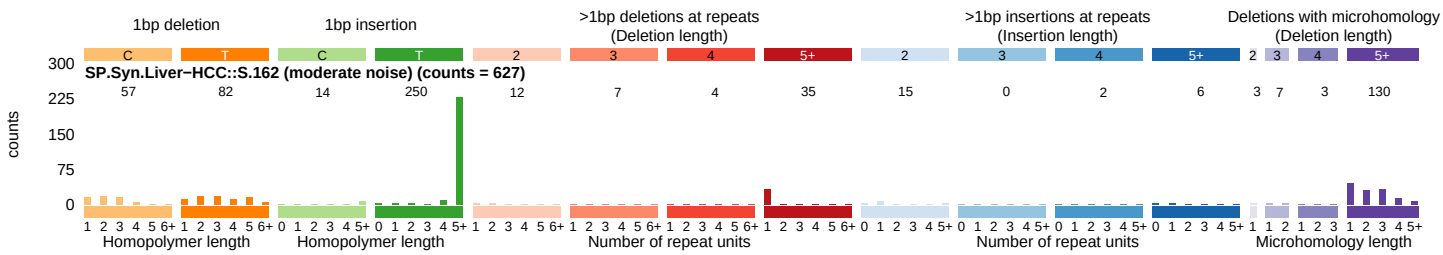
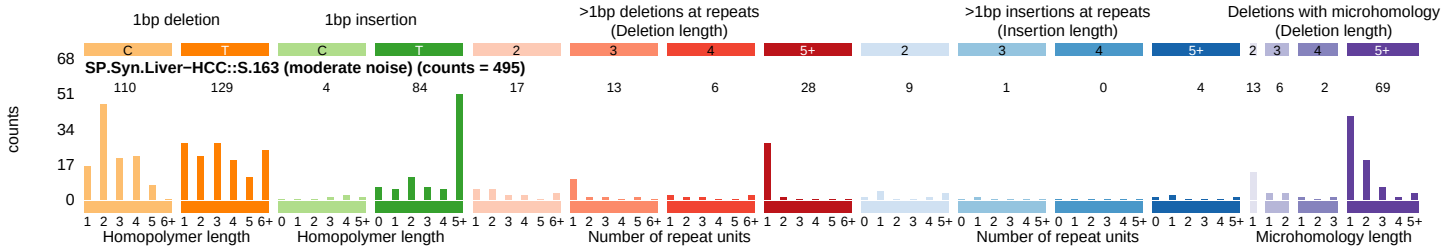
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.158 (moderate noise) (counts = 650)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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 (moderate noise) (counts = 603)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.160 (moderate noise) (counts = 684)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.161 (moderate noise) (counts = 875)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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 (moderate noise) (counts = 627)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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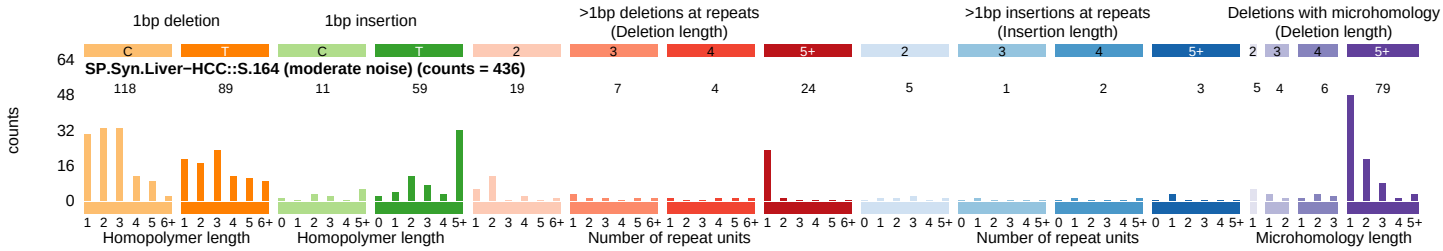
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.163 (moderate noise) (counts = 495)
110 129 4 84 17 13 6 28 9 1 0 4 13 6 2 69
counts
68 51 34 17 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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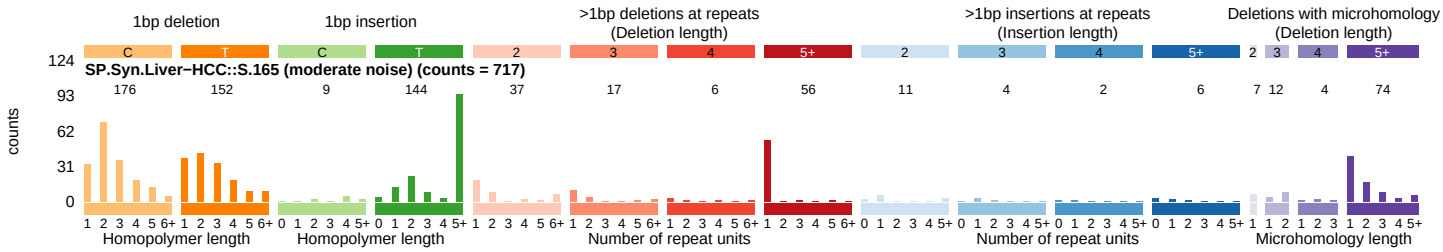
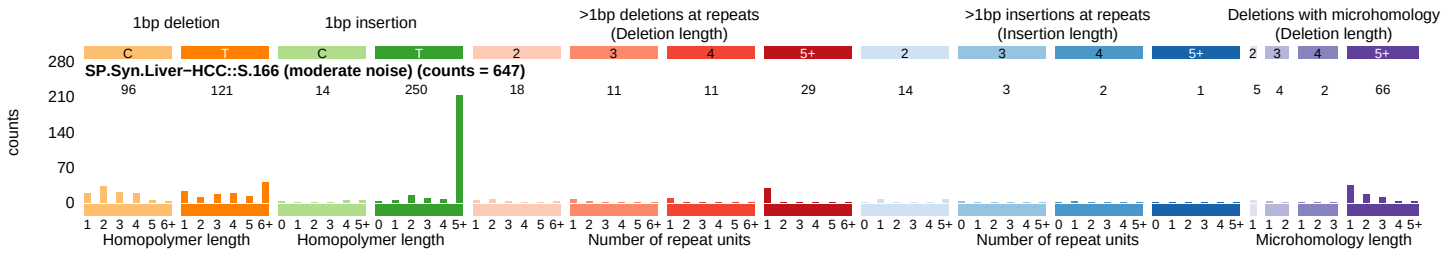
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.164 (moderate noise) (counts = 436)
118 89 11 59 19 7 4 24 5 1 2 3 5 4 6 79
counts
64 48 32 16 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.165 (moderate noise) (counts = 717)
176 152 9 144 37 17 6 56 11 4 2 6 7 12 4 74
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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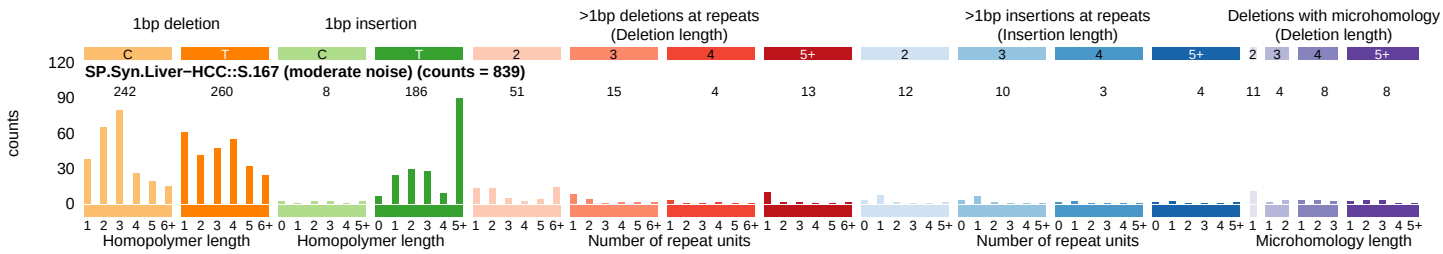
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.166 (moderate noise) (counts = 647)
96 121 14 250 18 11 11 29 14 3 2 1 5 4 2 66
counts
280 210 140 70 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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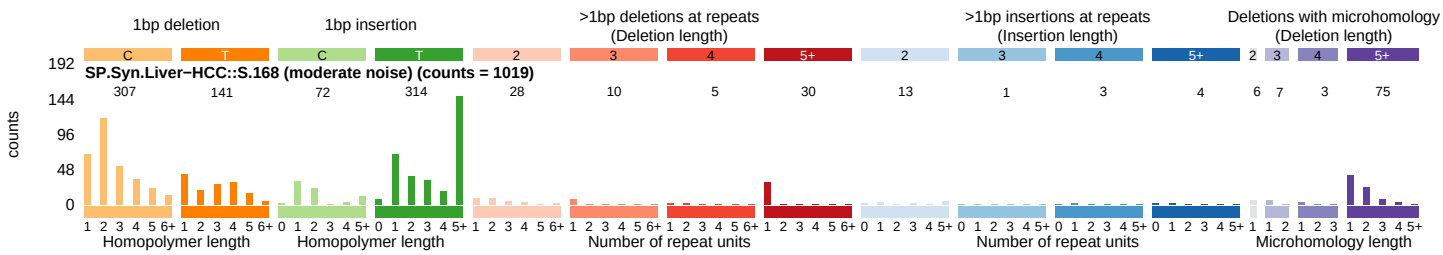
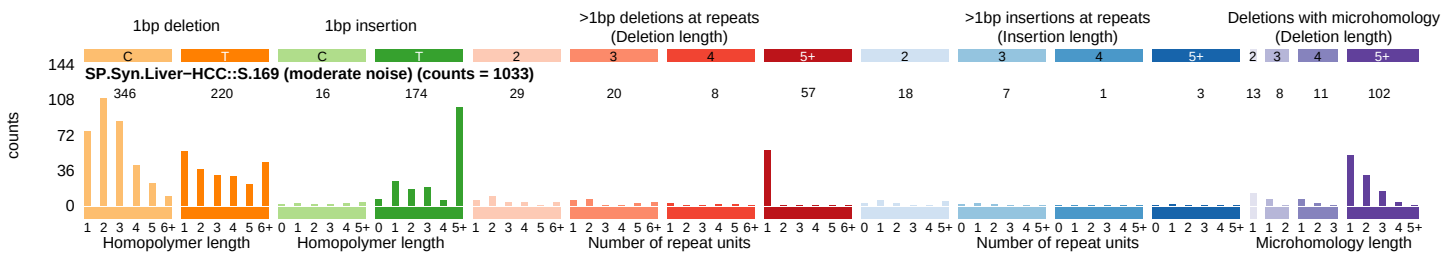
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.167 (moderate noise) (counts = 839)
242 260 8 186 51 15 4 13 12 10 3 4 11 4 8 8
counts
120 90 60 30 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.168 (moderate noise) (counts = 1019)
307 141 72 314 28 10 5 30 13 1 3 4 6 7 3 75
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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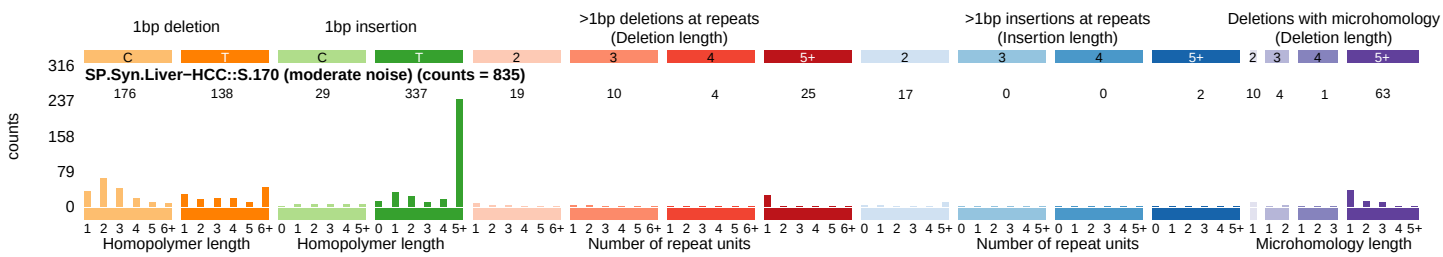
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.169 (moderate noise) (counts = 1033)
346 220 16 174 29 20 8 57 18 7 1 3 13 8 11 102
counts
144 108 72 36 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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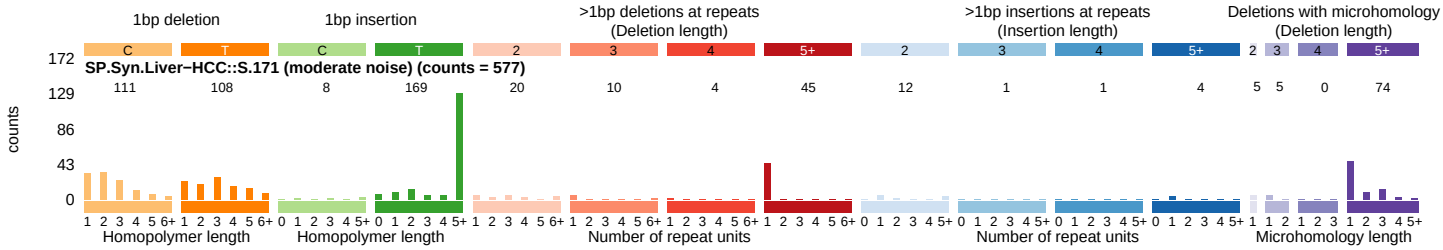
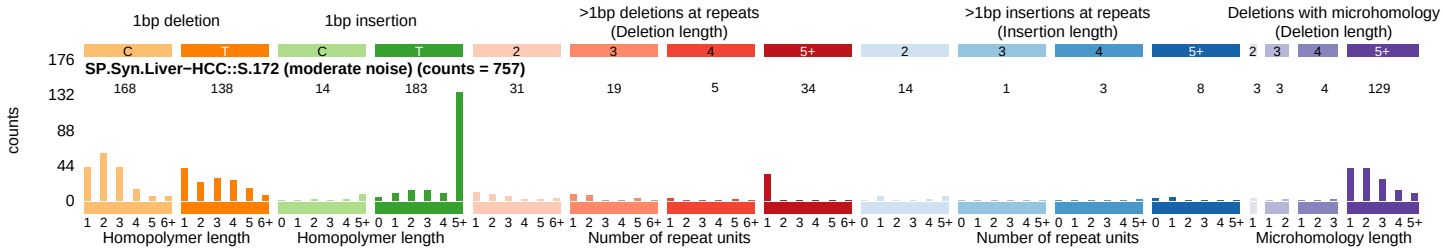
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.170 (moderate noise) (counts = 835)
176 138 29 337 19 10 4 25 17 0 0 2 10 4 1 63
counts
316 237 158 79 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
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 (moderate noise) (counts = 577)
counts
Homopolymer length
Number of repeat units
Microhomology length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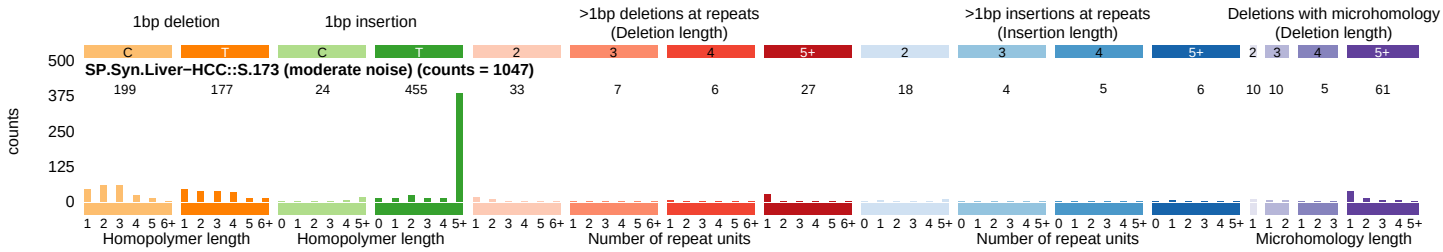
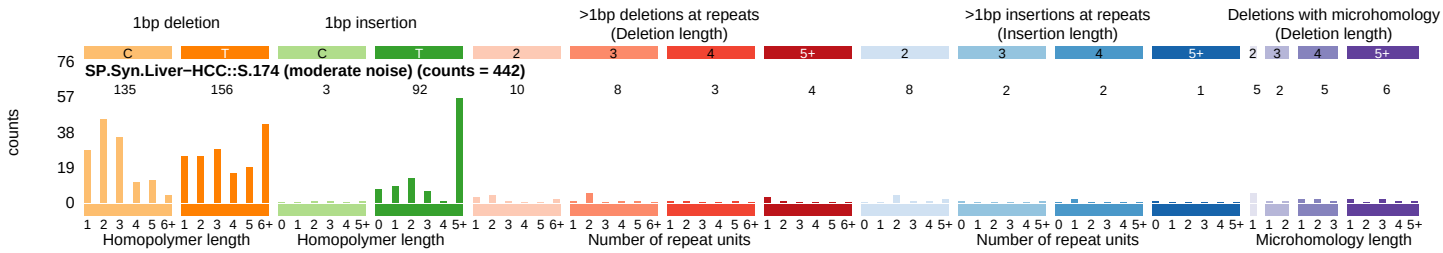
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.172 (moderate noise) (counts = 757)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.173 (moderate noise) (counts = 1047)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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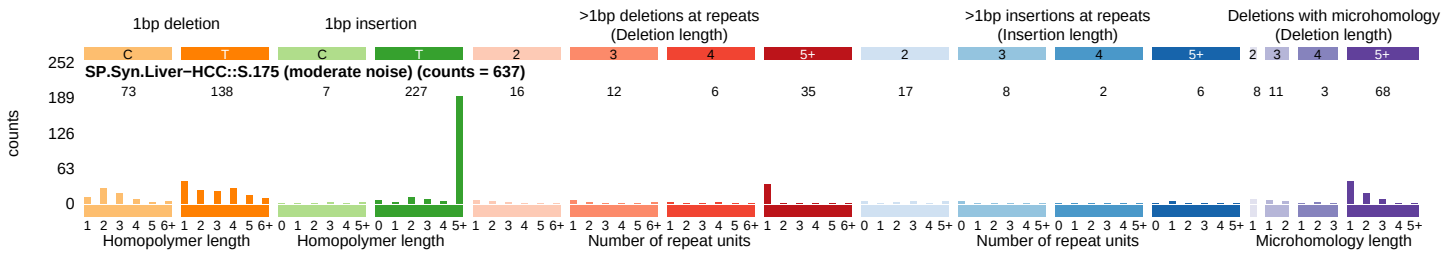
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.174 (moderate noise) (counts = 442)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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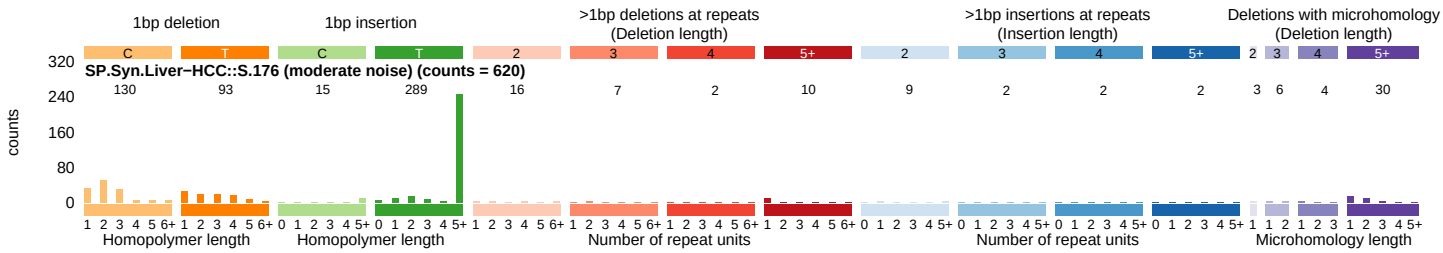
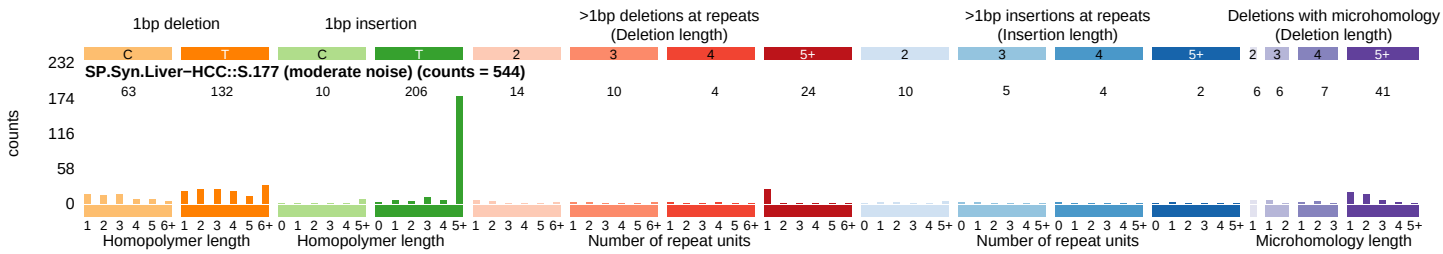
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.175 (moderate noise) (counts = 637)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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 (moderate noise) (counts = 620)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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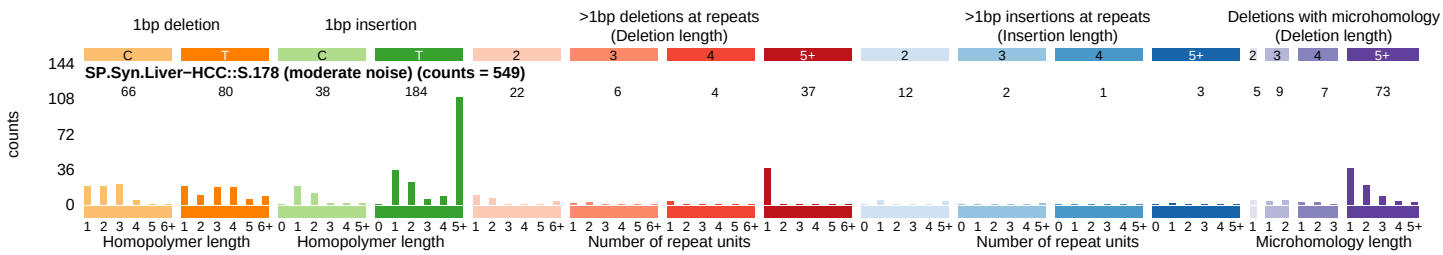
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.177 (moderate noise) (counts = 544)
counts
Homopolymer length
Number of repeat units
Microhomology length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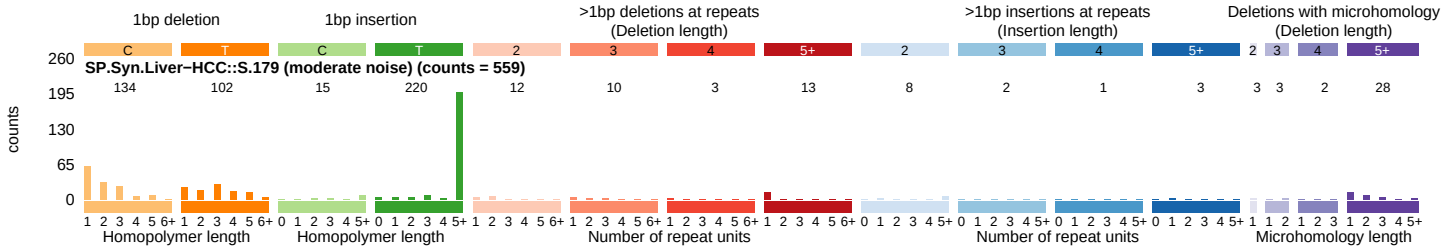
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.178 (moderate noise) (counts = 549)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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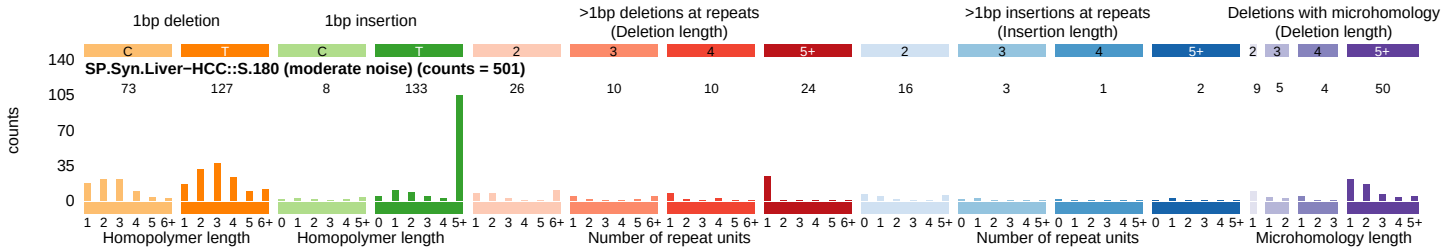
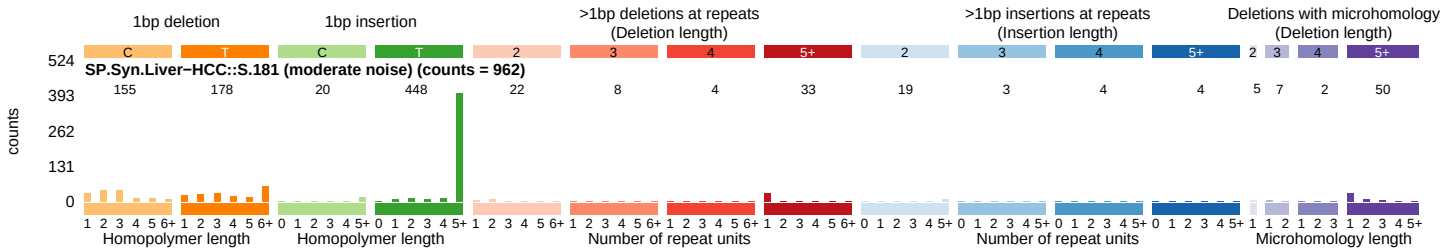
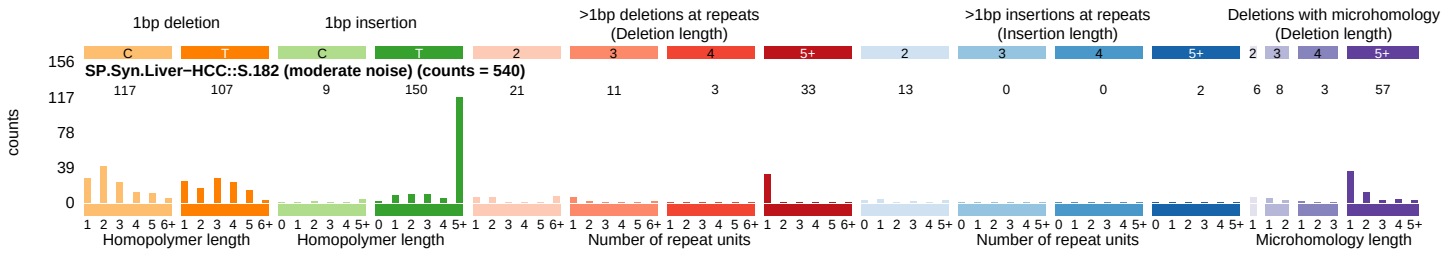
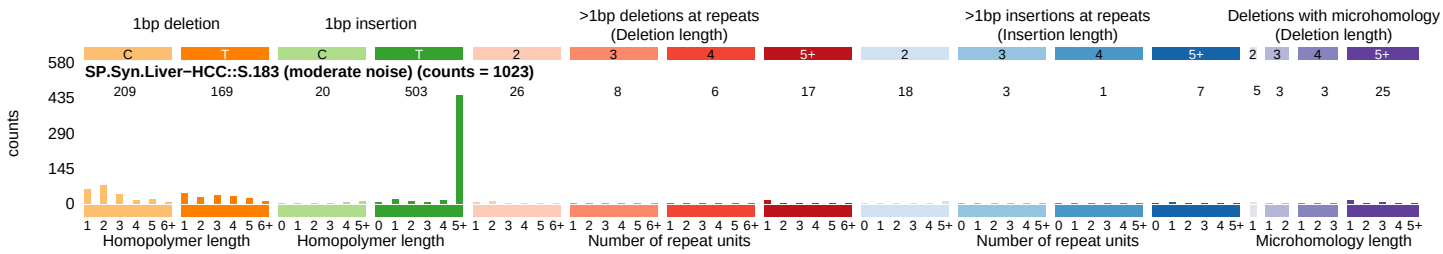
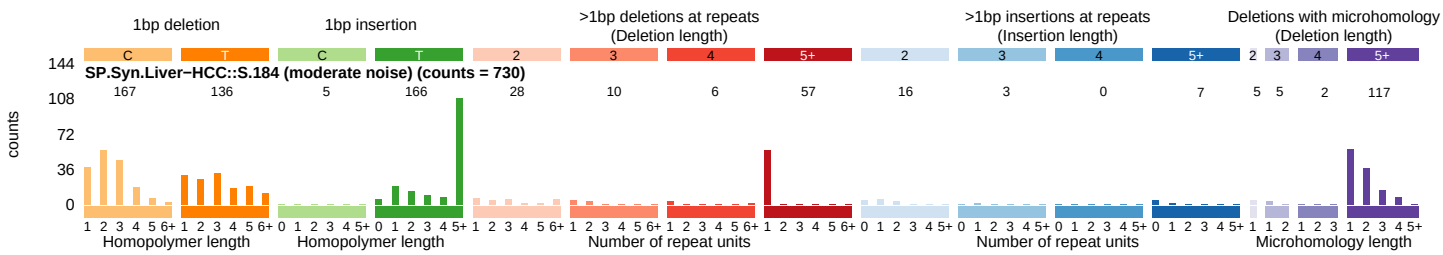
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.179 (moderate noise) (counts = 559)
134 102 15 220 12 10 3 13 8 2 1 3 3 3 2 28
counts
260 195 130 65 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

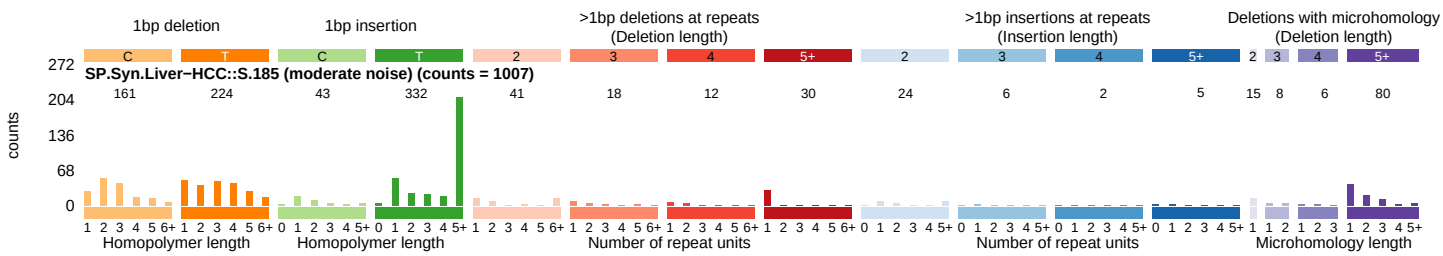

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.180 (moderate noise) (counts = 501)
73 127 8 133 26 10 10 24 16 3 1 2 9 5 4 50
counts
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.181 (moderate noise) (counts = 962)
155 178 20 448 22 8 4 33 19 3 4 4 5 7 2 50
counts
524 393 262 131 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 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.182 (moderate noise) (counts = 540)
117 107 9 150 21 11 3 33 13 0 0 2 6 8 3 57
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+ 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.183 (moderate noise) (counts = 1023)
209 169 20 503 26 8 6 17 18 3 1 7 5 3 3 25
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+ 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.184 (moderate noise) (counts = 730)
167 136 5 166 28 10 6 57 16 3 0 7 5 5 2 117
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)
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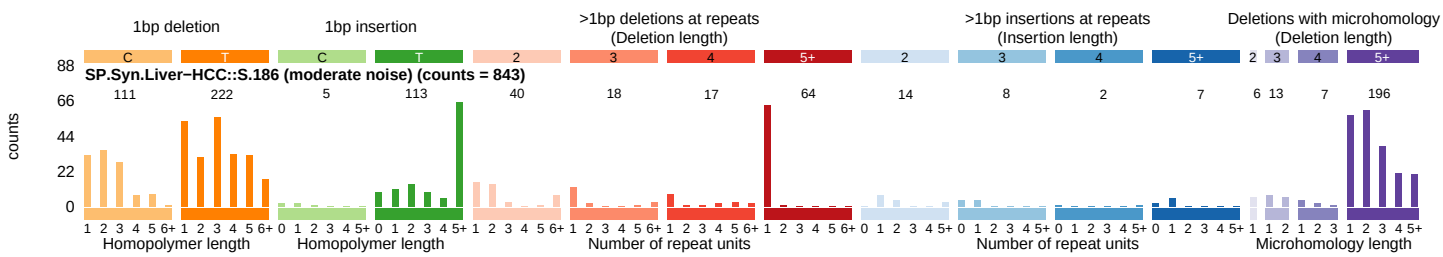
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.185 (moderate noise) (counts = 1007)
161 224 43 332 41 18 12 30 24 6 2 5 15 8 6 80
counts
272 204 136 68 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 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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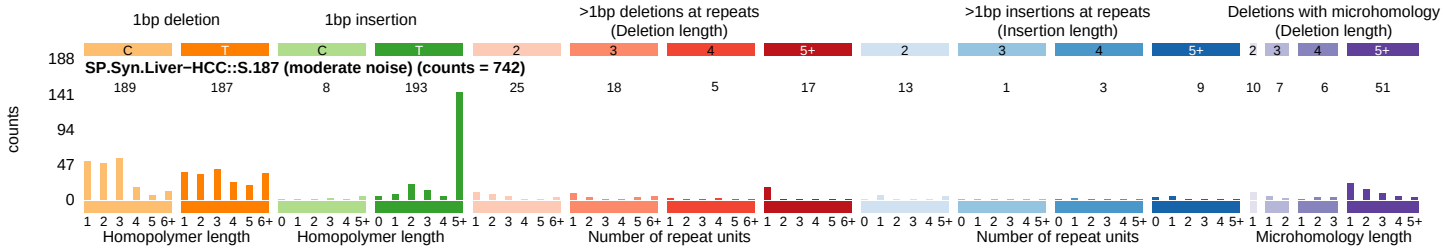
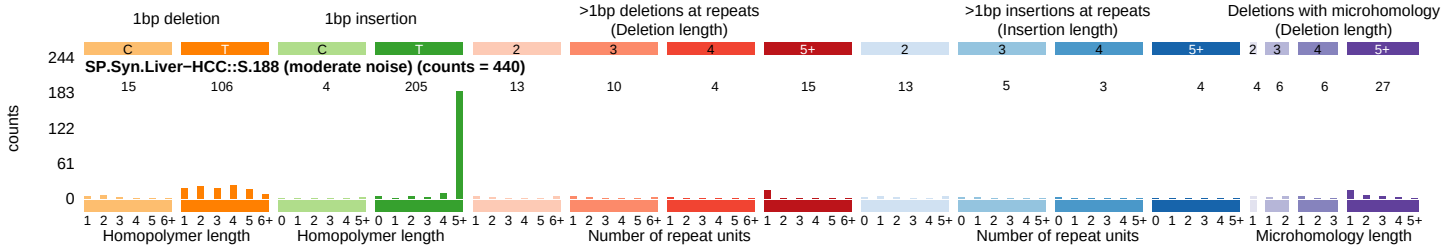
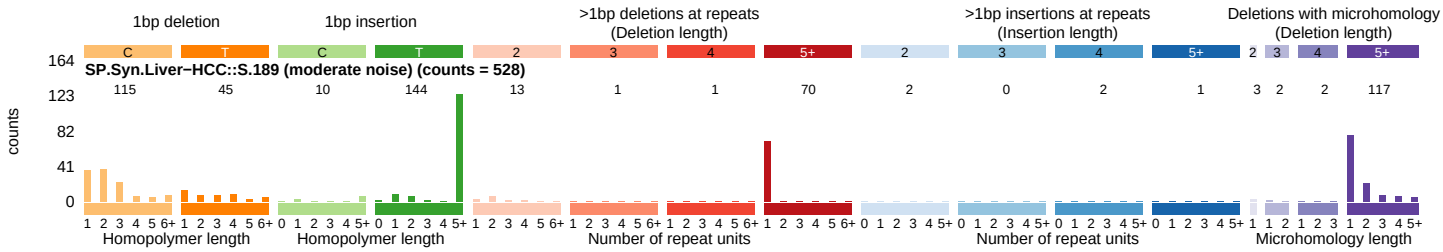
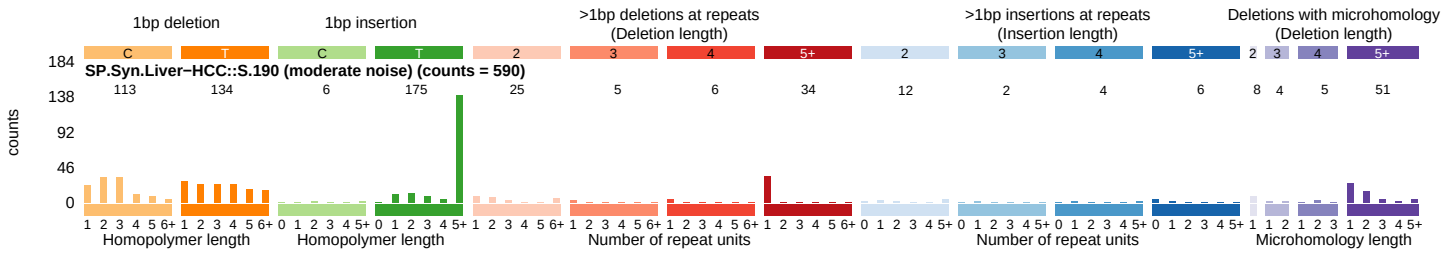
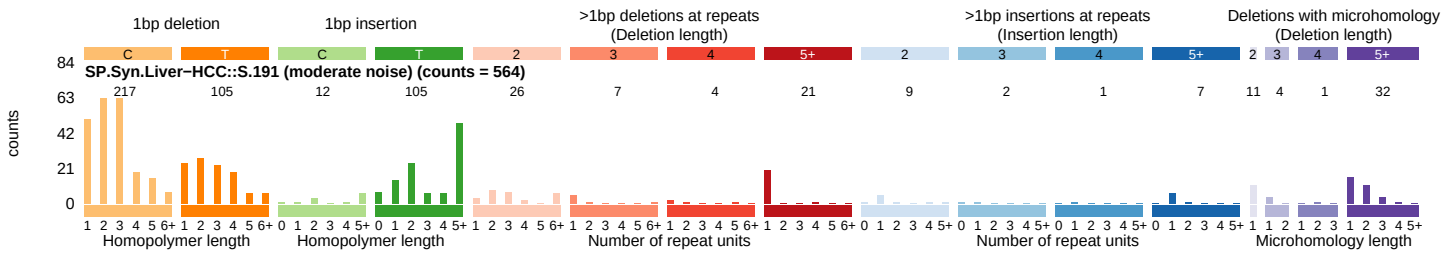
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.186 (moderate noise) (counts = 843)
111 222 5 113 40 18 17 64 14 8 2 7 6 13 7 196
counts
88 66 44 22 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 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

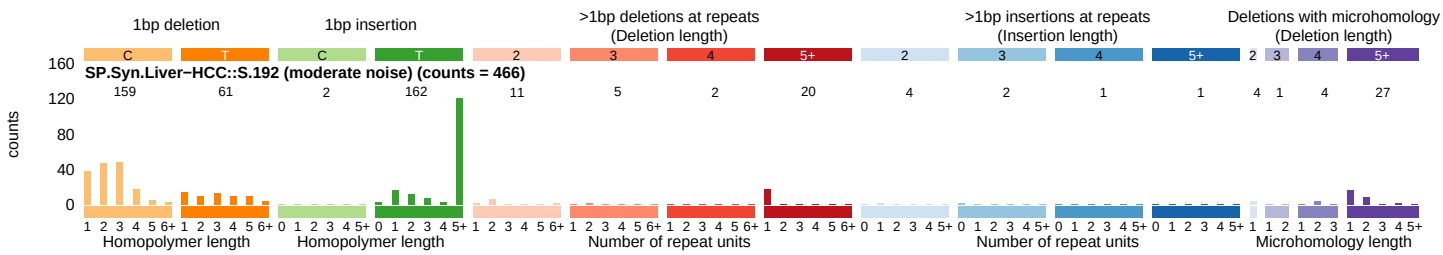

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.187 (moderate noise) (counts = 742)
189 187 8 193 25 18 5 17 13 1 3 9 10 7 6 51
counts
188 141 94 47 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

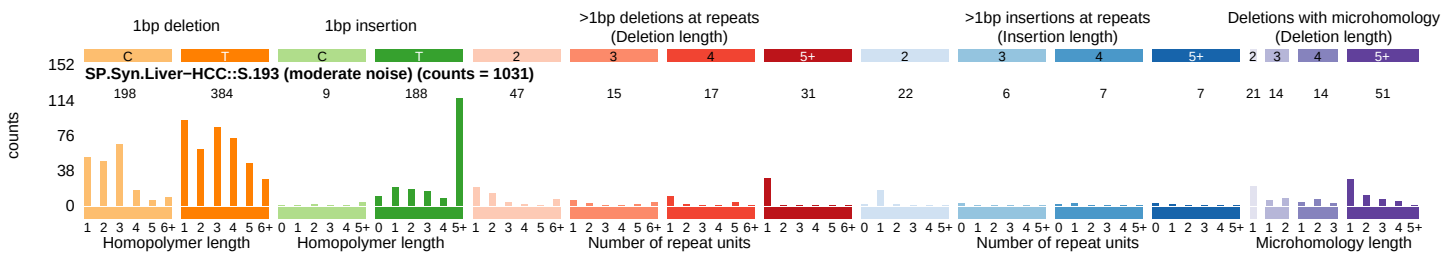

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.188 (moderate noise) (counts = 440)
15 106 4 205 13 10 4 15 13 5 3 4 4 6 6 27
counts
244 183 122 61 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

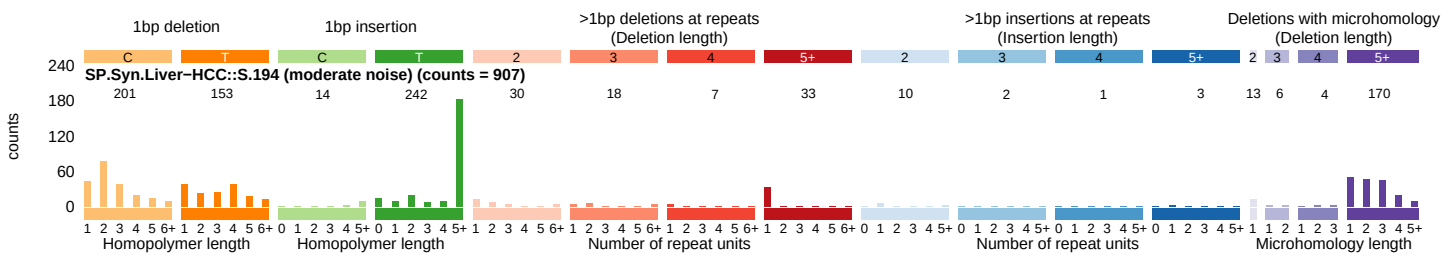

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.189 (moderate noise) (counts = 528)
115 45 10 144 13 1 1 70 2 0 2 1 3 2 2 117
counts
164 123 82 41 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

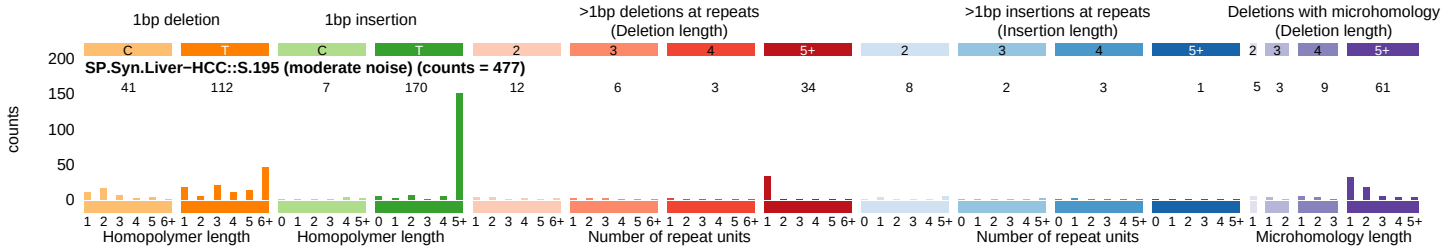

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.190 (moderate noise) (counts = 590)
113 134 6 175 25 5 6 34 12 2 4 6 8 4 5 51
counts
184 138 92 46 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

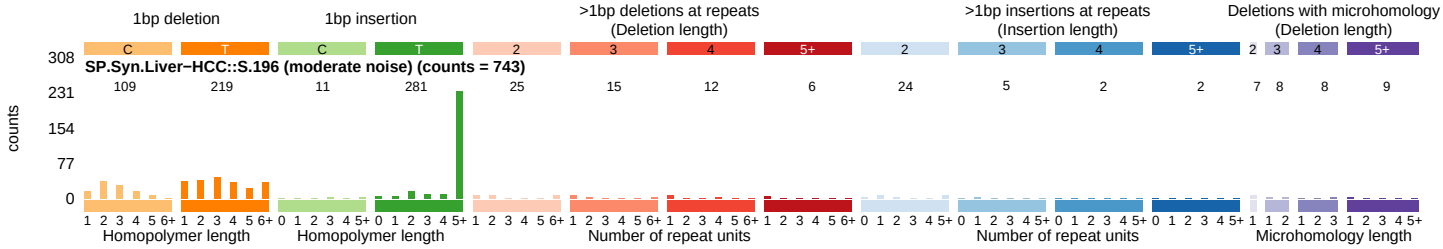

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.191 (moderate noise) (counts = 564)
217 105 12 105 26 7 4 21 9 2 1 7 11 4 1 32
counts
84 63 42 21 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

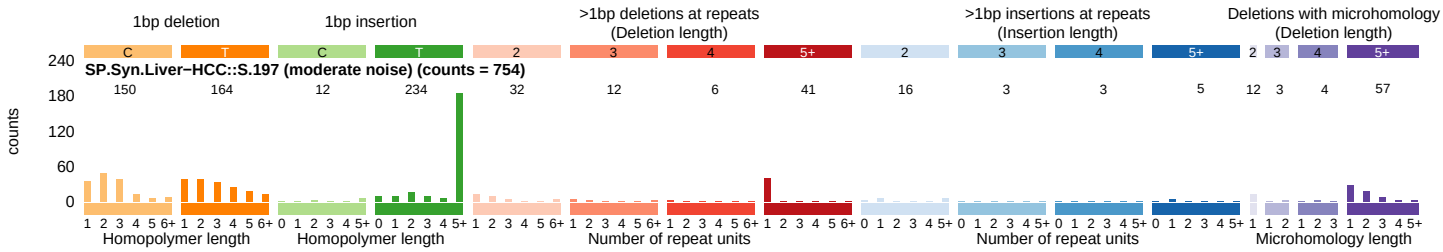

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.192 (moderate noise) (counts = 466)
159 61 2 162 11 5 2 20 4 2 1 1 4 1 4 27
counts
160 120 80 40 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

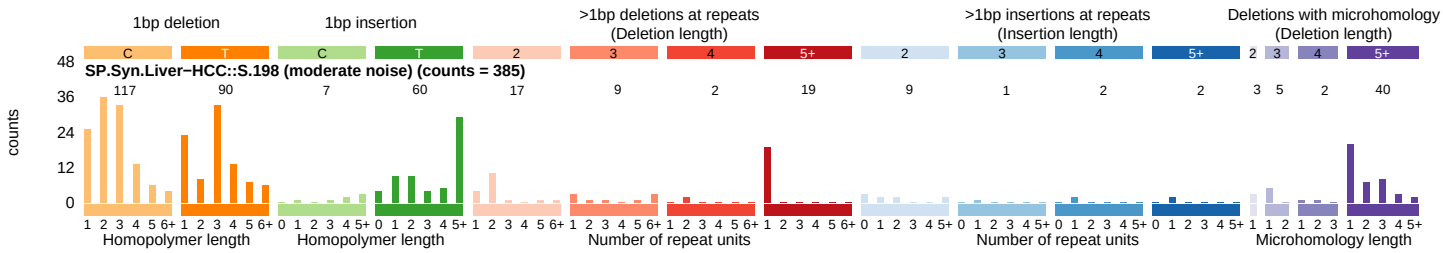

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.193 (moderate noise) (counts = 1031)
198 384 9 188 47 15 17 31 22 6 7 7 21 14 14 51
counts
152 114 76 38 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

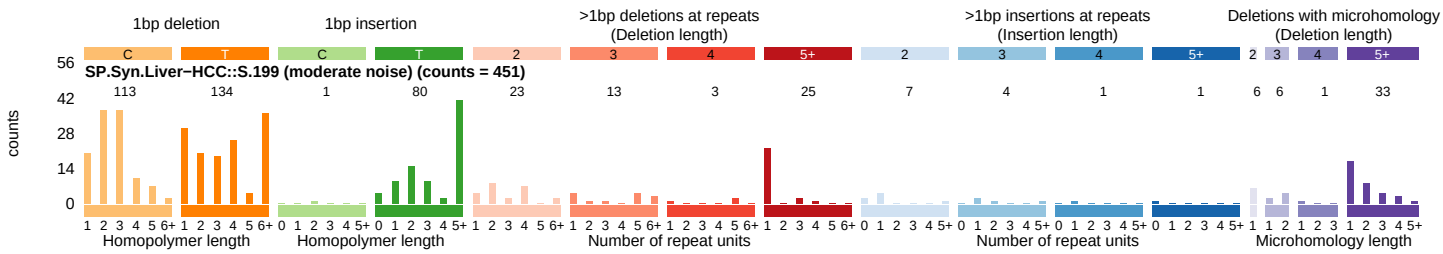

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.194 (moderate noise) (counts = 907)
201 153 14 242 30 18 7 33 10 2 1 3 13 6 4 170
counts
240 180 120 60 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

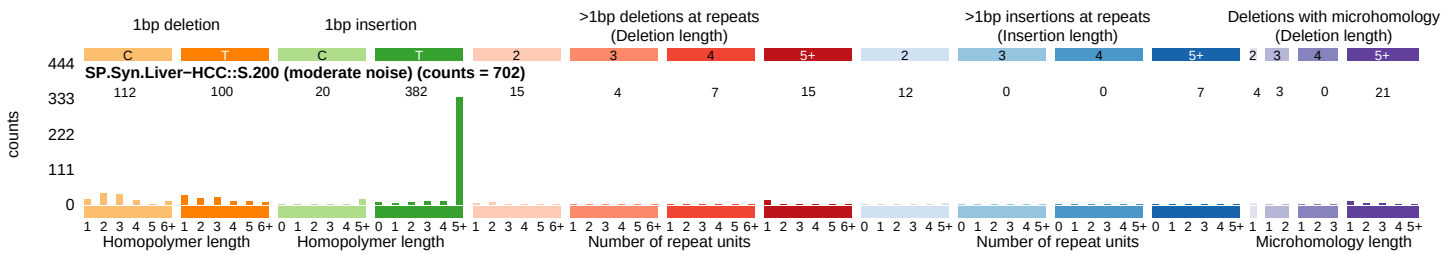

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.195 (moderate noise) (counts = 477)
41 112 7 170 12 6 3 34 8 2 3 1 5 3 9 61
counts
Homopolymer length
Number of repeat units
Microhomology length

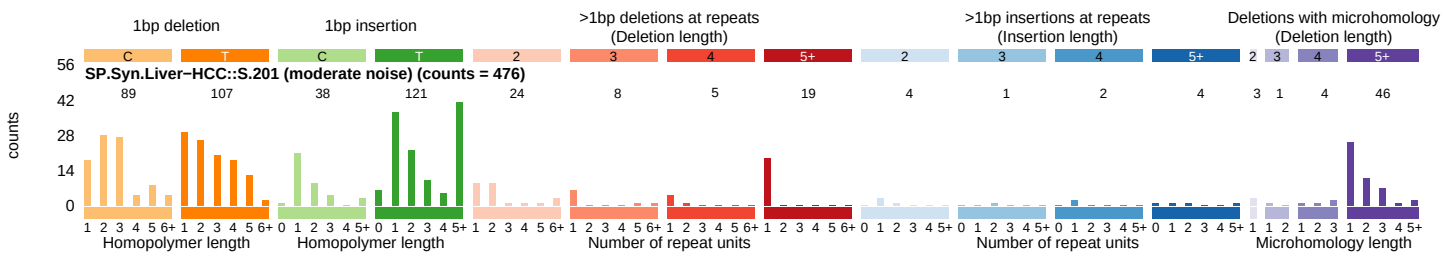

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.196 (moderate noise) (counts = 743)
109 219 11 281 25 15 12 6 24 5 2 2 7 8 8 9
counts
Homopolymer length
Number of repeat units
Microhomology length

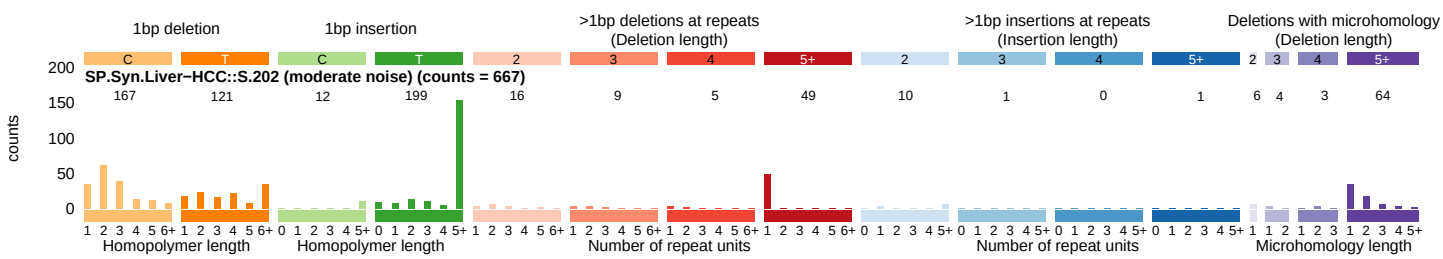

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.197 (moderate noise) (counts = 754)
150 164 12 234 32 12 6 41 16 3 3 5 12 3 4 57
counts
Homopolymer length
Number of repeat units
Microhomology length

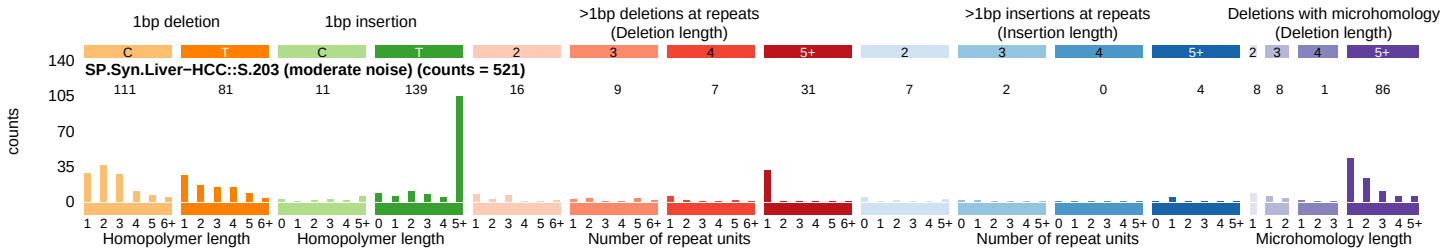

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.198 (moderate noise) (counts = 385)
117 90 7 60 17 9 2 19 9 1 2 2 3 5 2 40
counts
Homopolymer length
Number of repeat units
Microhomology length

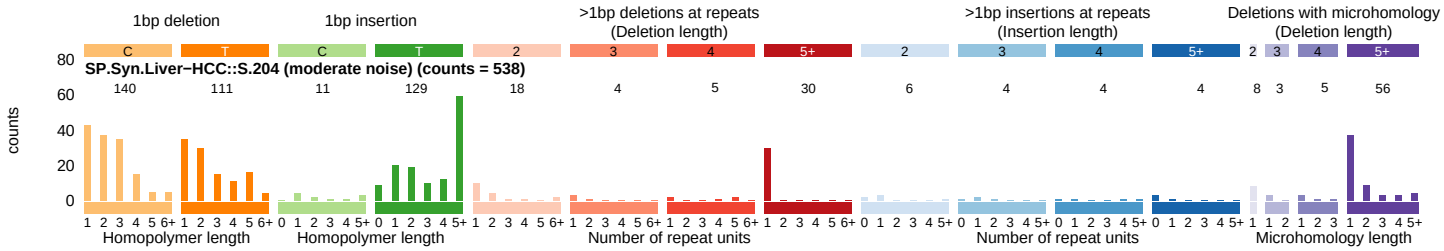

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.199 (moderate noise) (counts = 451)
113 134 1 80 23 13 3 25 7 4 1 1 6 6 1 33
counts
Homopolymer length
Number of repeat units
Microhomology length

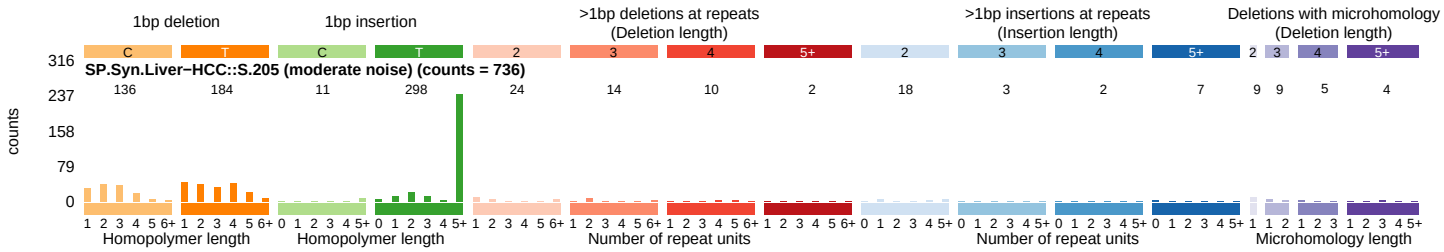

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.200 (moderate noise) (counts = 702)
112 100 20 382 15 4 7 15 12 0 0 7 4 3 0 21
counts
Homopolymer length
Number of repeat units
Microhomology length

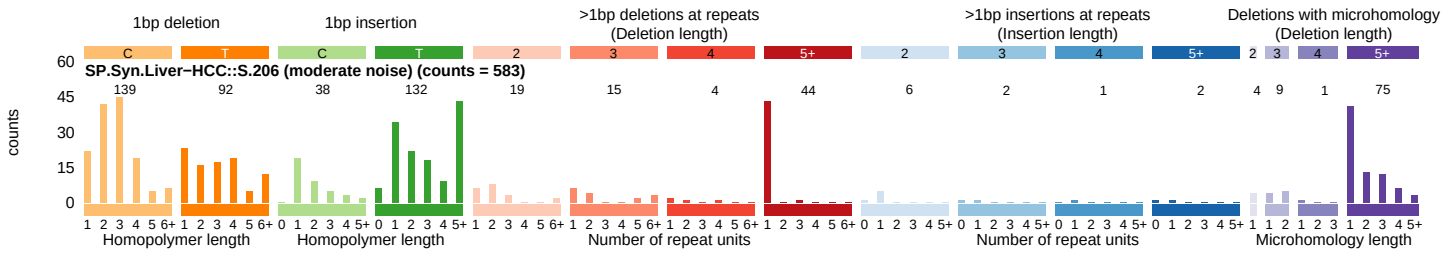

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.201 (moderate noise) (counts = 476)
89 107 38 121 24 8 5 19 4 1 2 4 3 1 4 46
counts
Homopolymer length
Number of repeat units
Microhomology length

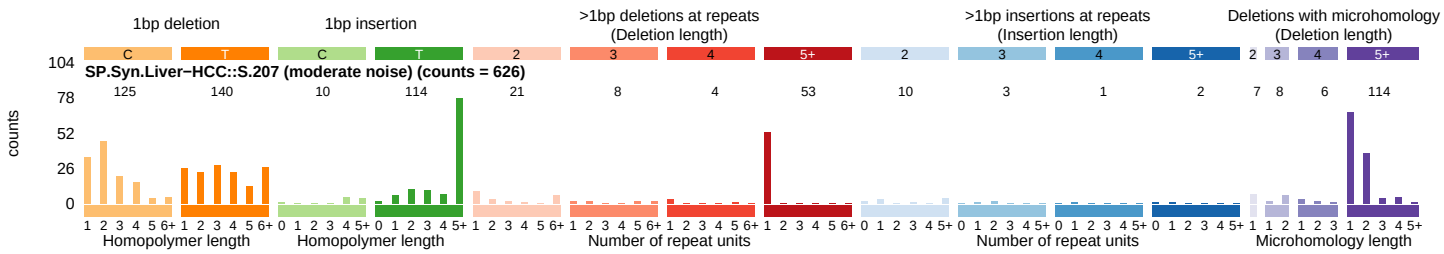

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.202 (moderate noise) (counts = 667)
167 121 12 199 16 9 5 49 10 1 0 1 6 4 3 64
counts
Homopolymer length
Number of repeat units
Microhomology length

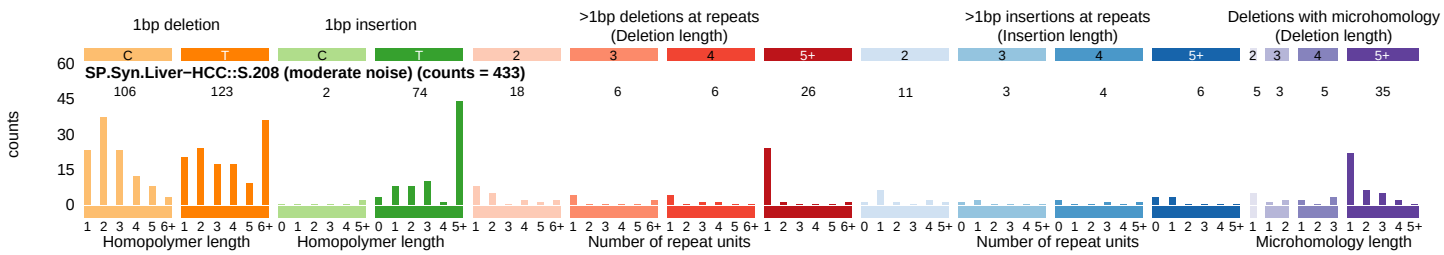

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.203 (moderate noise) (counts = 521)
111 81 11 139 16 9 7 31 7 2 0 4 8 8 1 86
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

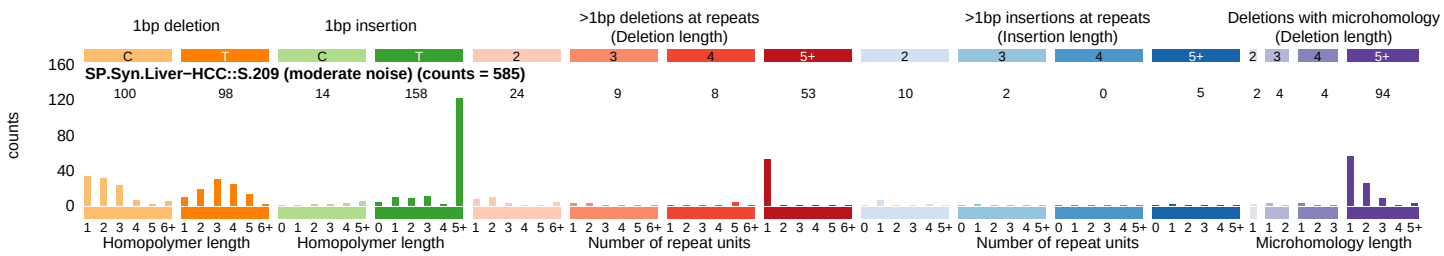

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.204 (moderate noise) (counts = 538)
140 111 11 129 18 4 5 30 6 4 4 4 8 3 5 56
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

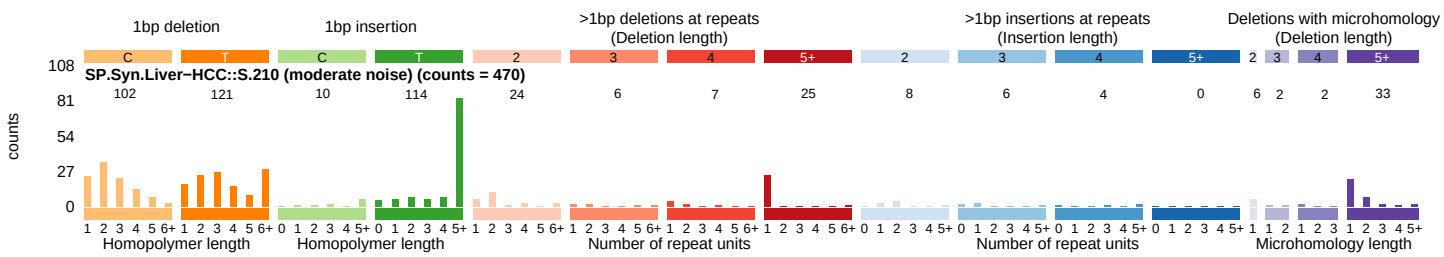

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.205 (moderate noise) (counts = 736)
136 184 11 298 24 14 10 2 18 3 2 7 9 9 5 4
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

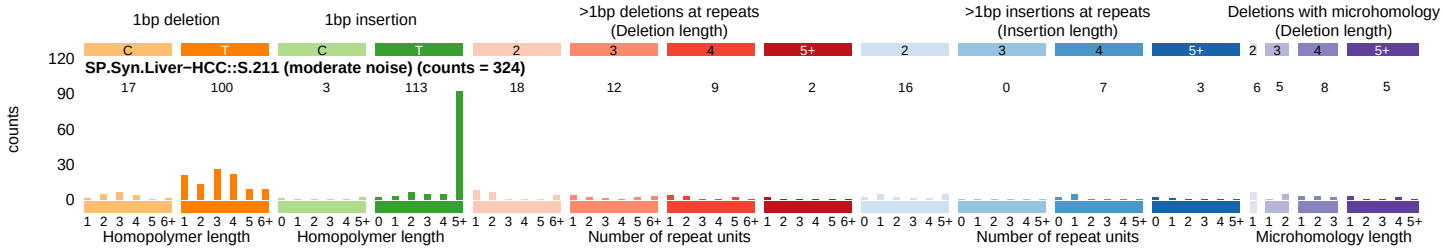

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.206 (moderate noise) (counts = 583)
139 92 38 132 19 15 4 44 6 2 1 2 4 9 1 75
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

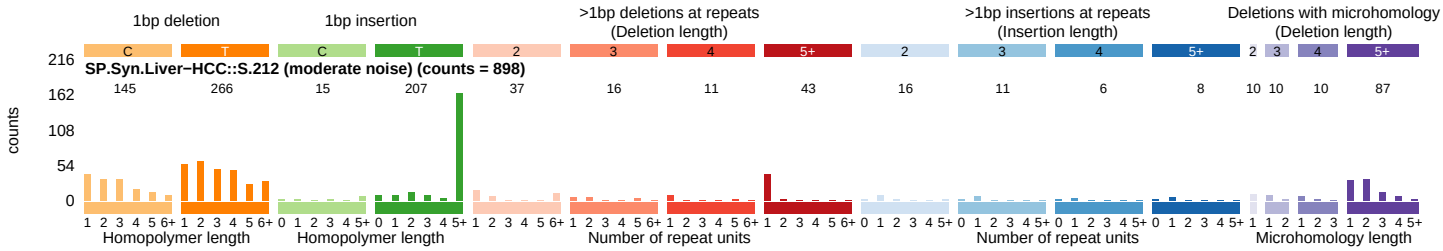

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.207 (moderate noise) (counts = 626)
125 140 10 114 21 8 4 53 10 3 1 2 7 8 6 114
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

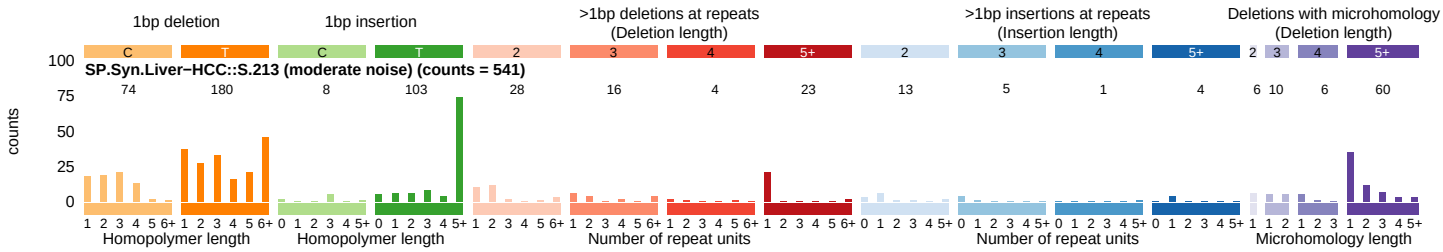

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.208 (moderate noise) (counts = 433)
106 123 2 74 18 6 6 26 11 3 4 6 5 3 5 35
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

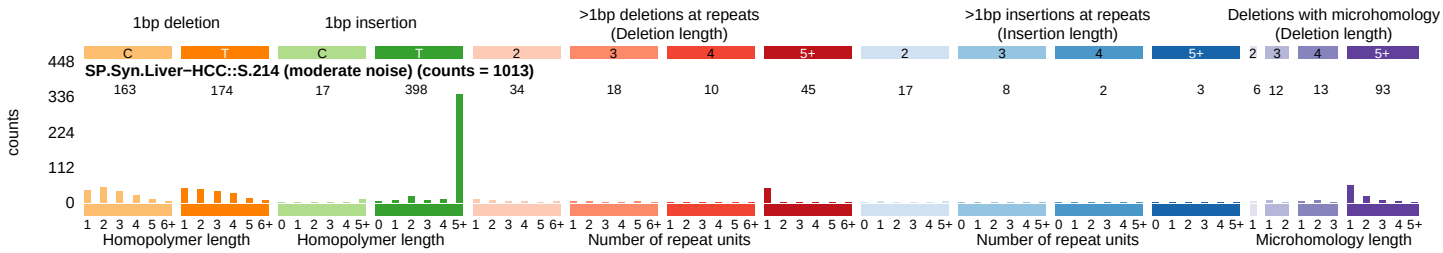

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.209 (moderate noise) (counts = 585)
100 98 14 158 24 9 8 53 10 2 0 5 2 4 4 94
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

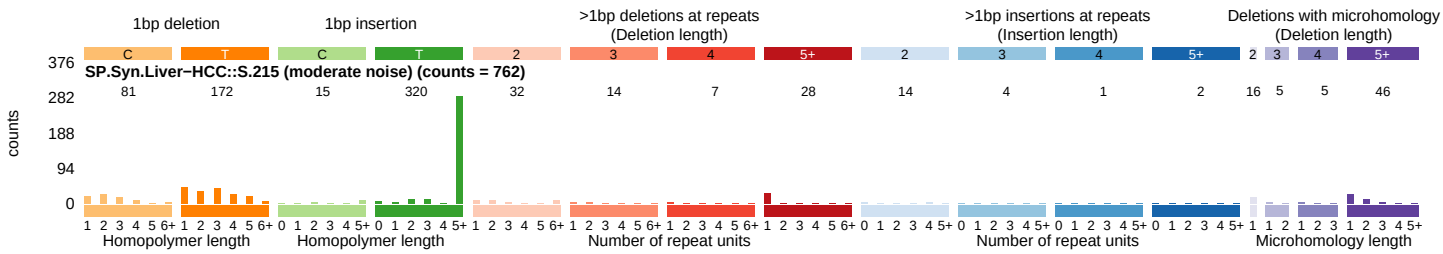

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.210 (moderate noise) (counts = 470)
102 121 10 114 24 6 7 25 8 6 4 0 6 2 2 33
counts
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.211 (moderate noise) (counts = 324)
17 100 3 113 18 12 9 2 16 0 7 3 6 5 8 5
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.212 (moderate noise) (counts = 898)
145 266 15 207 37 16 11 43 16 11 6 8 10 10 10 87
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.Liver−HCC::S.213 (moderate noise) (counts = 541)
74 180 8 103 28 16 4 23 13 5 1 4 6 10 6 60
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.Liver−HCC::S.214 (moderate noise) (counts = 1013)
163 174 17 398 34 18 10 45 17 8 2 3 6 12 13 93
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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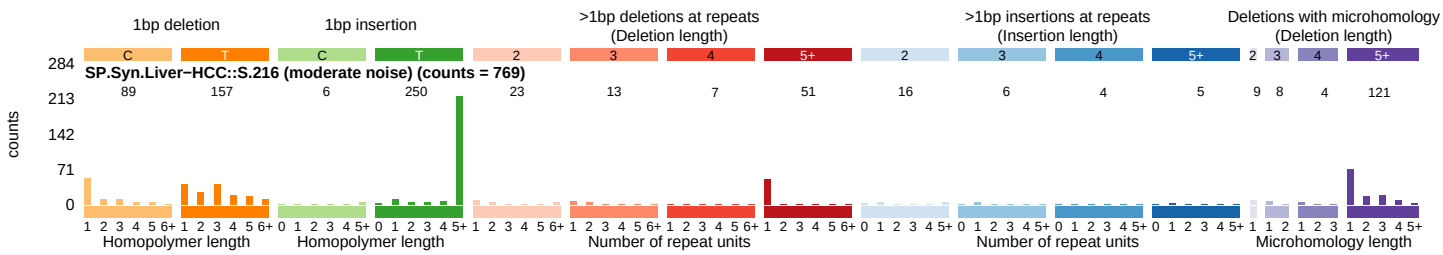
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.215 (moderate noise) (counts = 762)
81 172 15 320 32 14 7 28 14 4 1 2 16 5 5 46
counts
376 282 188 94 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 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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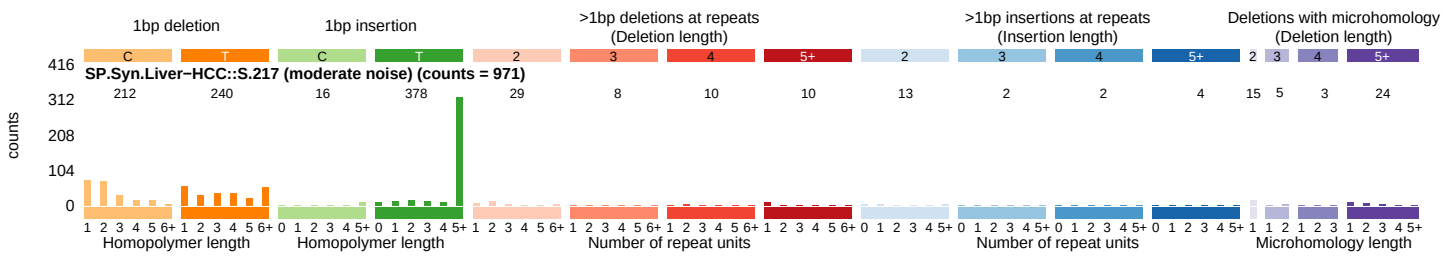
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.216 (moderate noise) (counts = 769)
89 157 6 250 23 13 7 51 16 6 4 5 9 8 4 121
counts
284 213 142 71 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 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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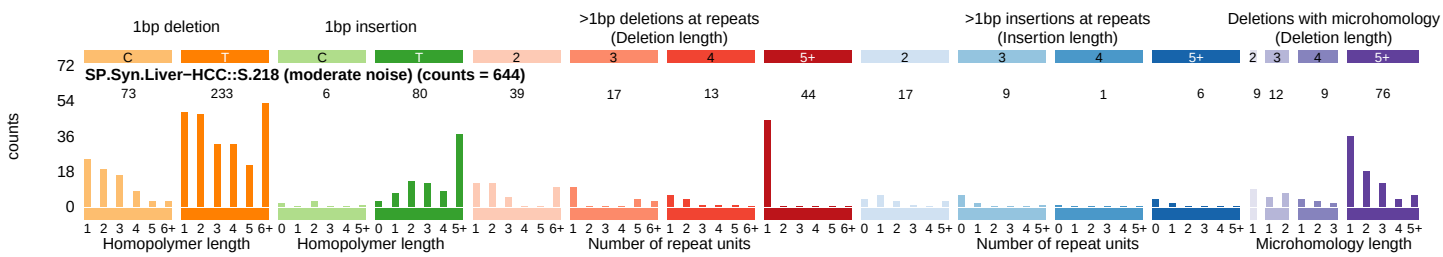
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.217 (moderate noise) (counts = 971)
212 240 16 378 29 8 10 10 13 2 2 4 15 5 3 24
counts
416 312 208 104 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 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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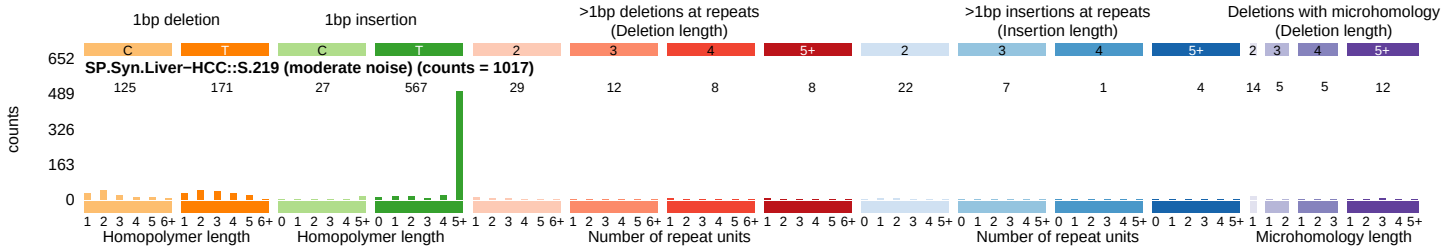
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.218 (moderate noise) (counts = 644)
73 233 6 80 39 17 13 44 17 9 1 6 9 12 9 76
counts
72 54 36 18 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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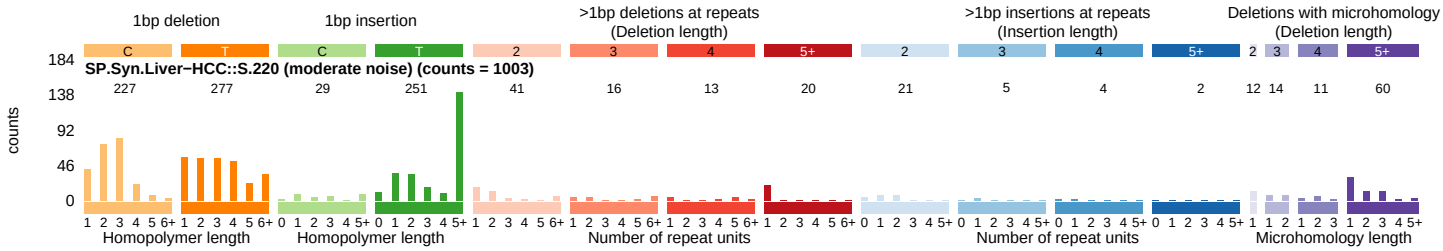
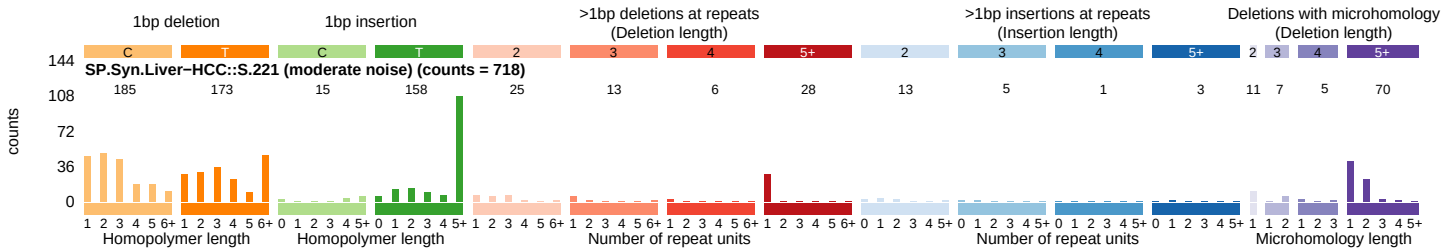
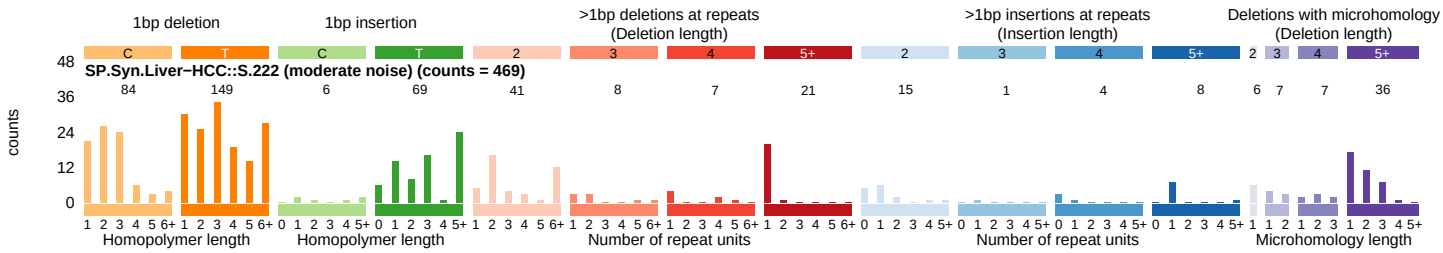
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.219 (moderate noise) (counts = 1017)
125 171 27 567 29 12 8 8 22 7 1 4 14 5 5 12
counts
652 489 326 163 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.Liver−HCC::S.220 (moderate noise) (counts = 1003)
227 277 29 251 41 16 13 20 21 5 4 2 12 14 11 60
counts
184 138 92 46 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.221 (moderate noise) (counts = 718)
185 173 15 158 25 13 6 28 13 5 1 3 11 7 5 70
counts
144 108 72 36 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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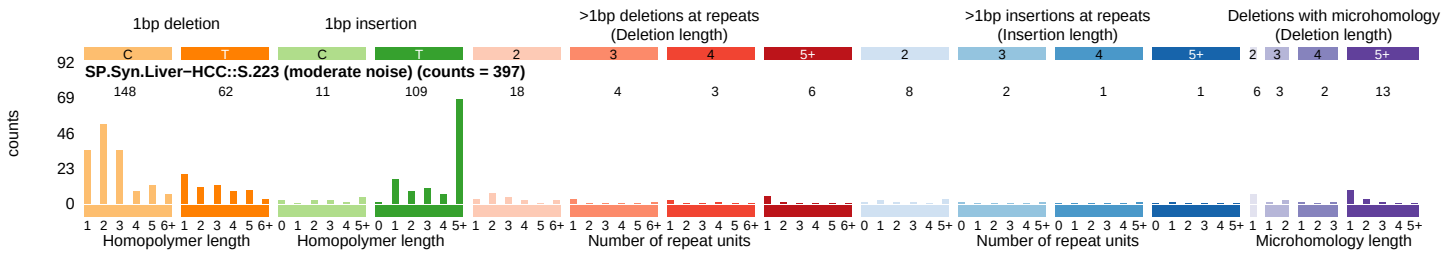
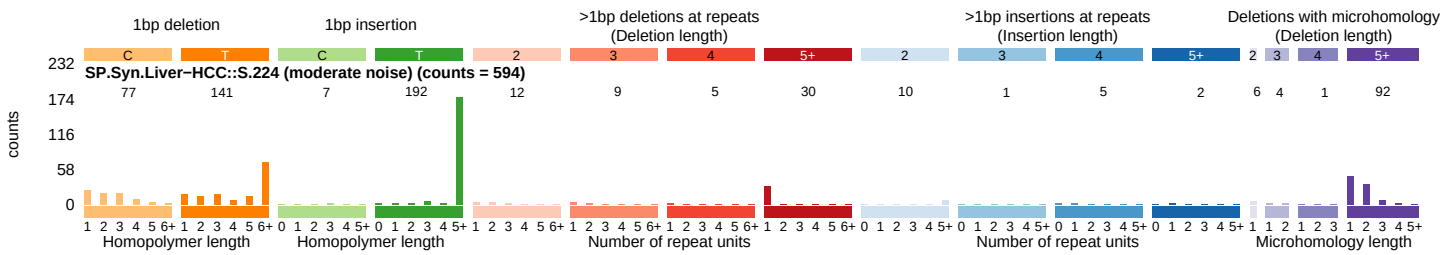
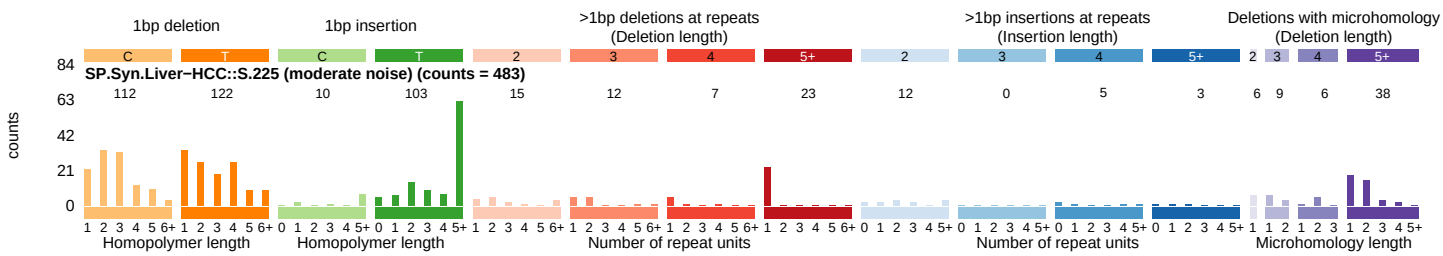
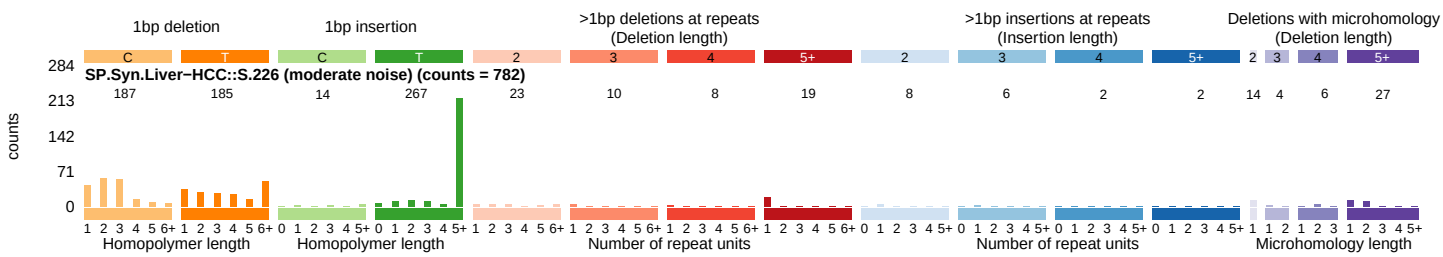
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.222 (moderate noise) (counts = 469)
84 149 6 69 41 8 7 21 15 1 4 8 6 7 7 36
counts
48 36 24 12 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


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.Liver−HCC::S.223 (moderate noise) (counts = 397)
148 62 11 109 18 4 3 6 8 2 1 1 6 3 2 13
counts
92 69 46 23 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion 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.224 (moderate noise) (counts = 594)
77 141 7 192 12 9 5 30 10 1 5 2 6 4 1 92
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.Liver−HCC::S.225 (moderate noise) (counts = 483)
112 122 10 103 15 12 7 23 12 0 5 3 6 9 6 38
counts
84 63 42 21 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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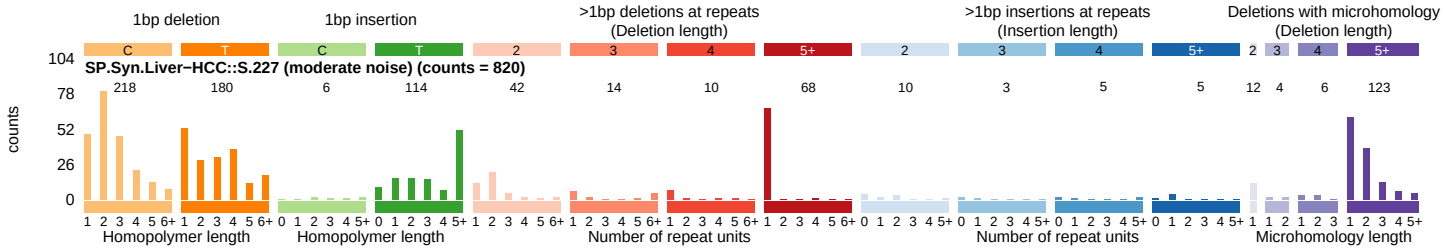
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.226 (moderate noise) (counts = 782)
187 185 14 267 23 10 8 19 8 6 2 2 14 4 6 27
counts
284 213 142 71 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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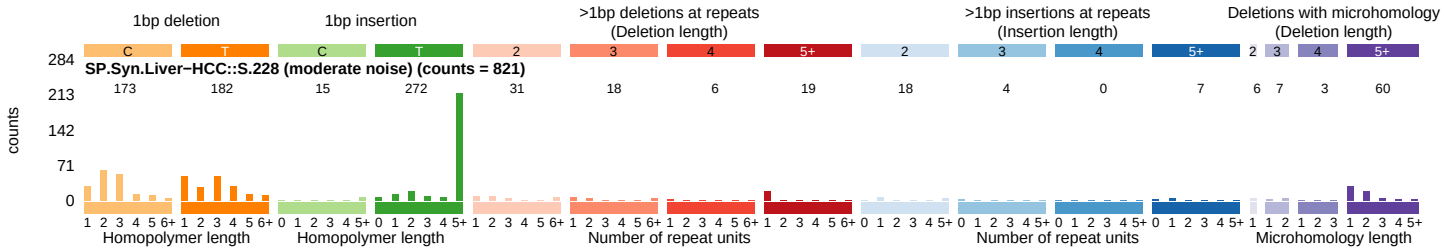
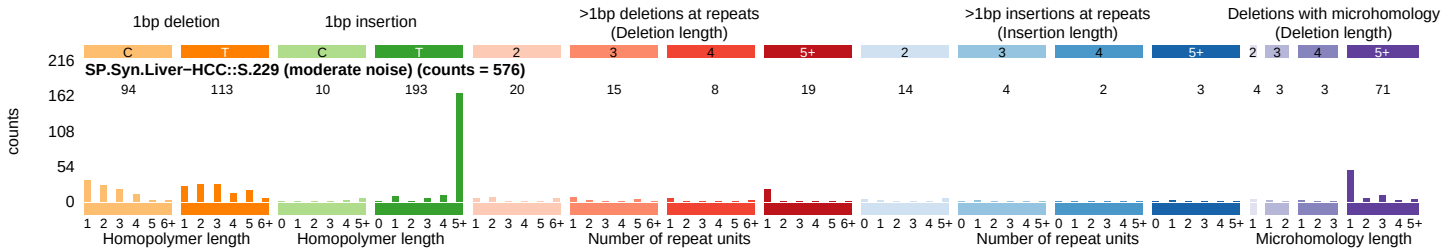
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.227 (moderate noise) (counts = 820)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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 (moderate noise) (counts = 821)
counts
Homopolymer length
Number of repeat units
Microhomology length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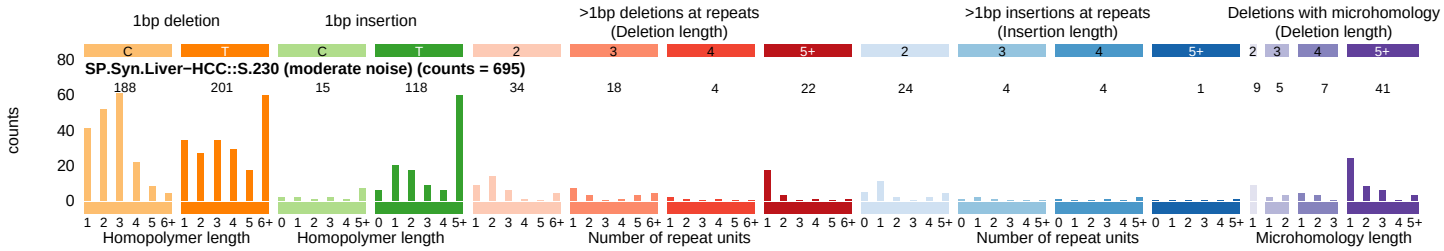
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.229 (moderate noise) (counts = 576)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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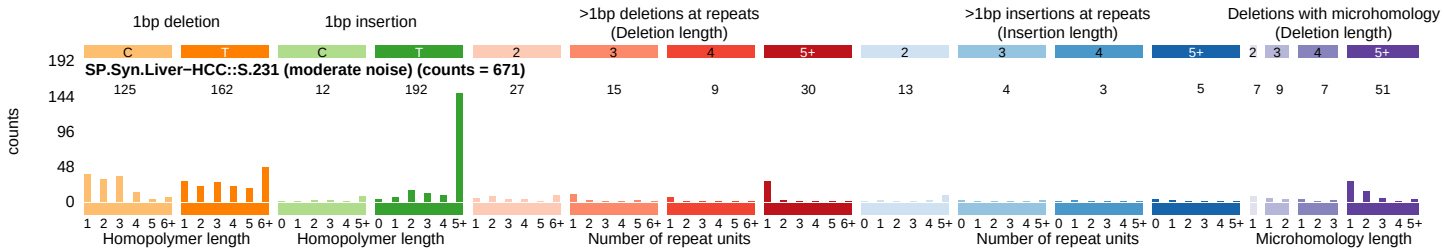
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.230 (moderate noise) (counts = 695)
counts
Homopolymer length
Number of repeat units
Microhomology length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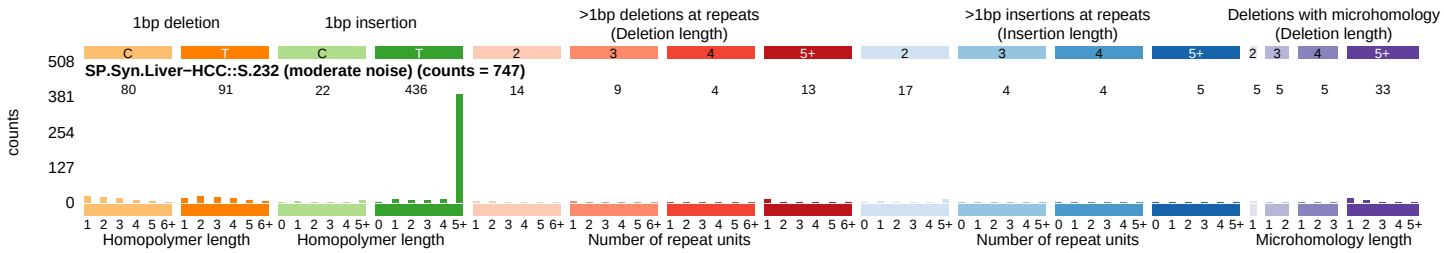
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.231 (moderate noise) (counts = 671)
counts
Homopolymer length
Number of repeat units
Microhomology length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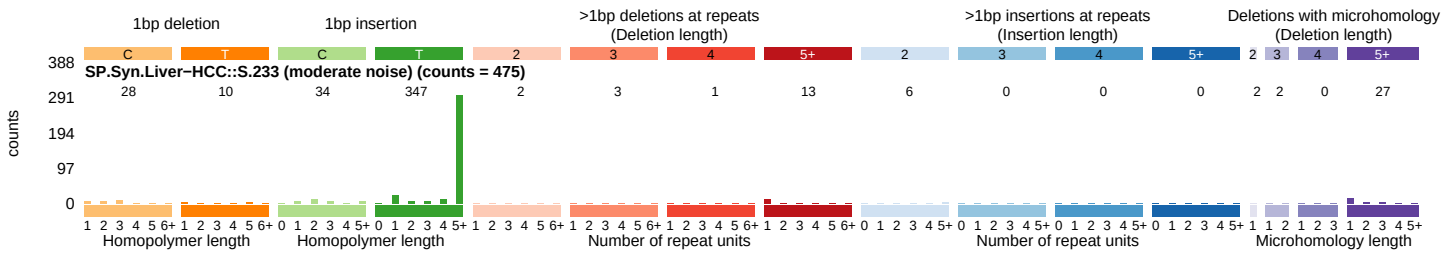
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.232 (moderate noise) (counts = 747)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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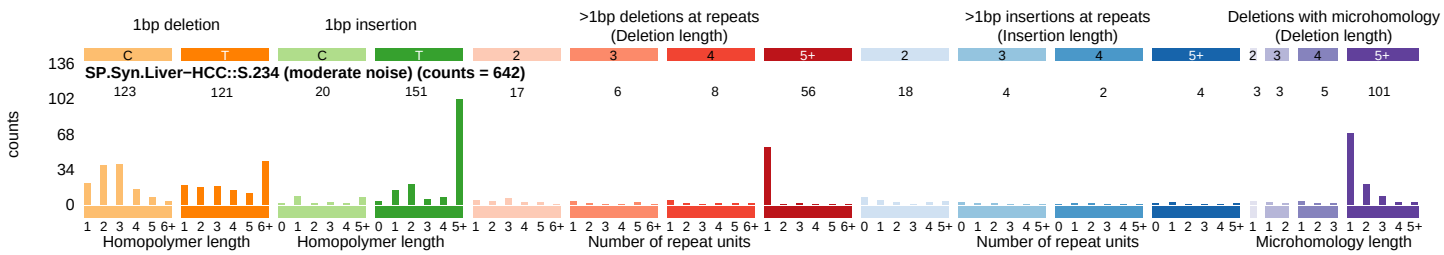
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.233 (moderate noise) (counts = 475)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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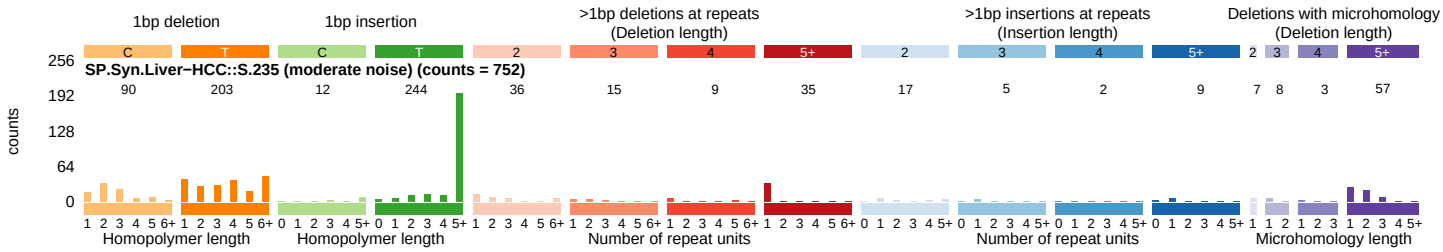
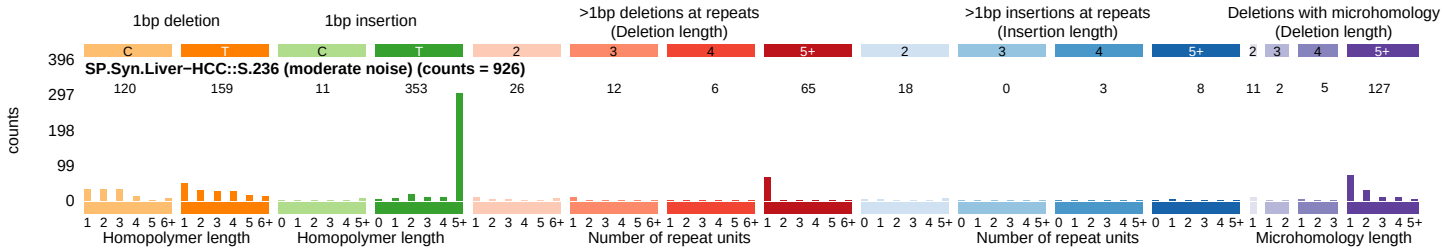
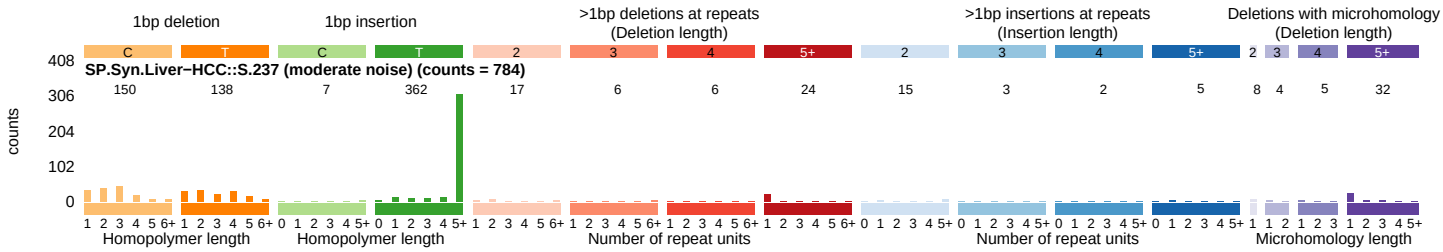
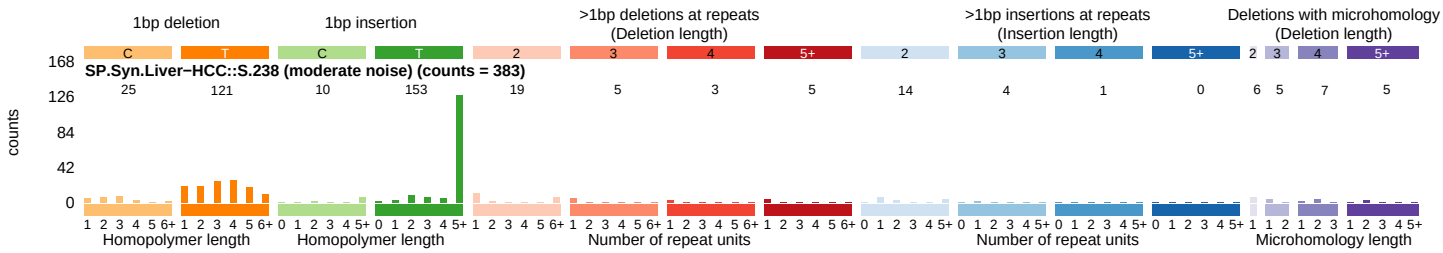
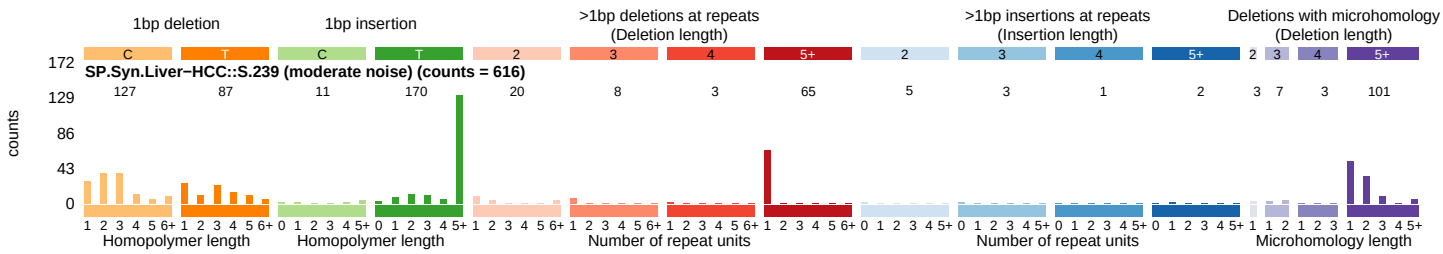
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.234 (moderate noise) (counts = 642)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.235 (moderate noise) (counts = 752)
90 203 12 244 36 15 9 35 17 5 2 9 7 8 3 57
counts
256 192 128 64 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.236 (moderate noise) (counts = 926)
120 159 11 353 26 12 6 65 18 0 3 8 11 2 5 127
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.Liver−HCC::S.237 (moderate noise) (counts = 784)
150 138 7 362 17 6 6 24 15 3 2 5 8 4 5 32
counts
408 306 204 102 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.238 (moderate noise) (counts = 383)
25 121 10 153 19 5 3 5 14 4 1 0 6 5 7 5
counts
168 126 84 42 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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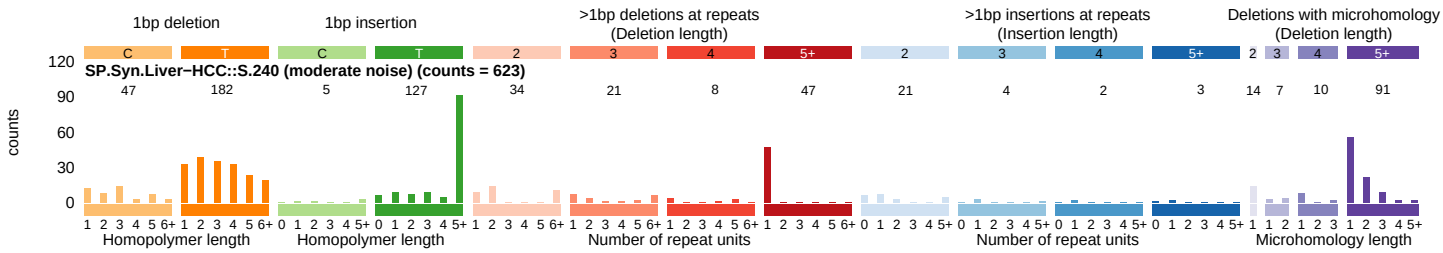
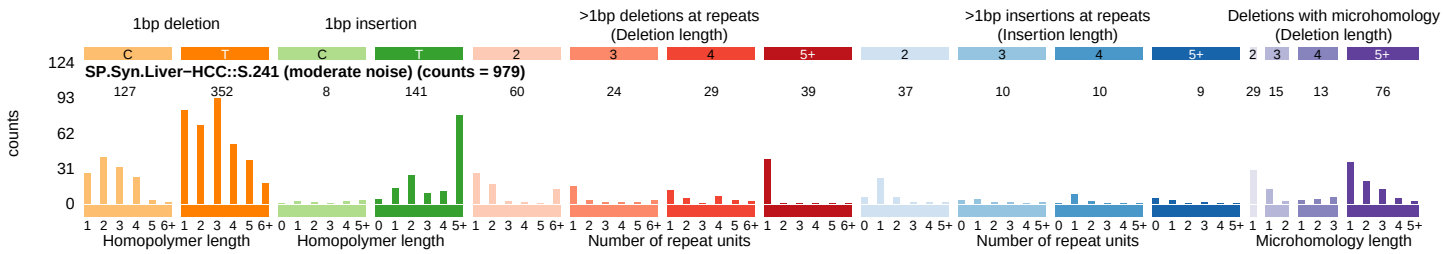
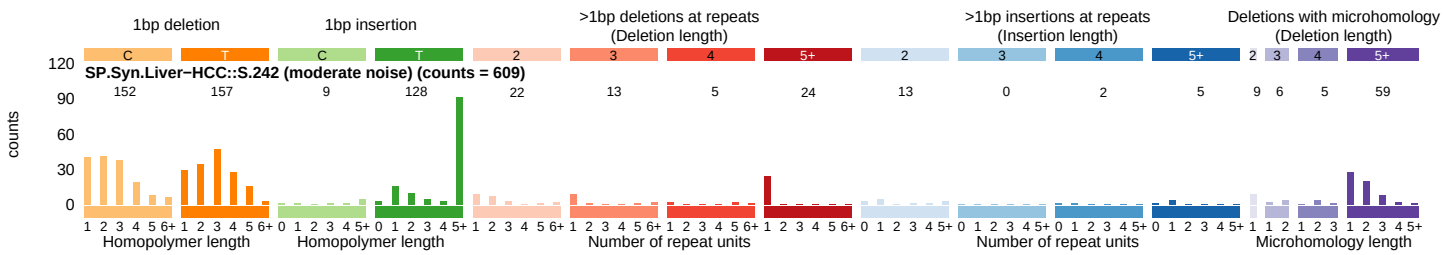
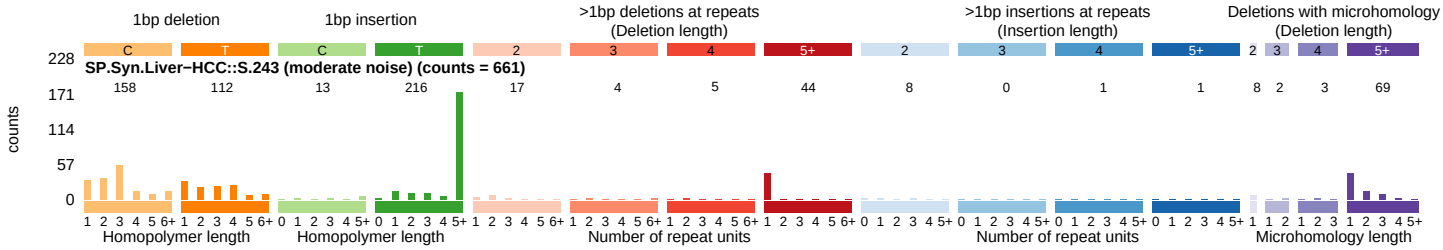
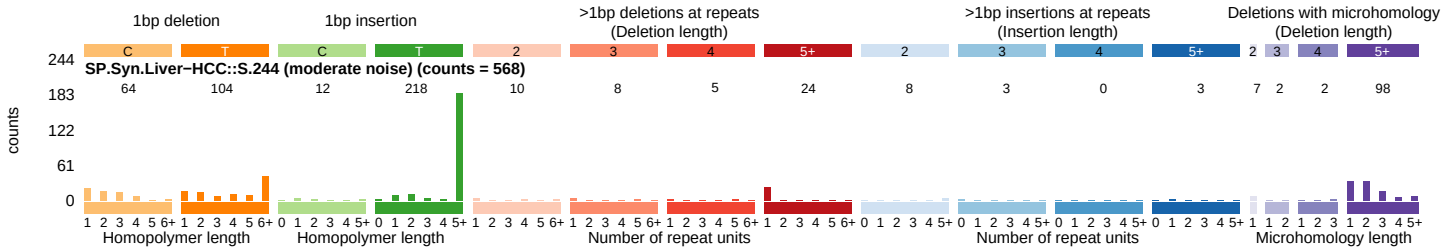
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.239 (moderate noise) (counts = 616)
127 87 11 170 20 8 3 65 5 3 1 2 3 7 3 101
counts
172 129 86 43 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

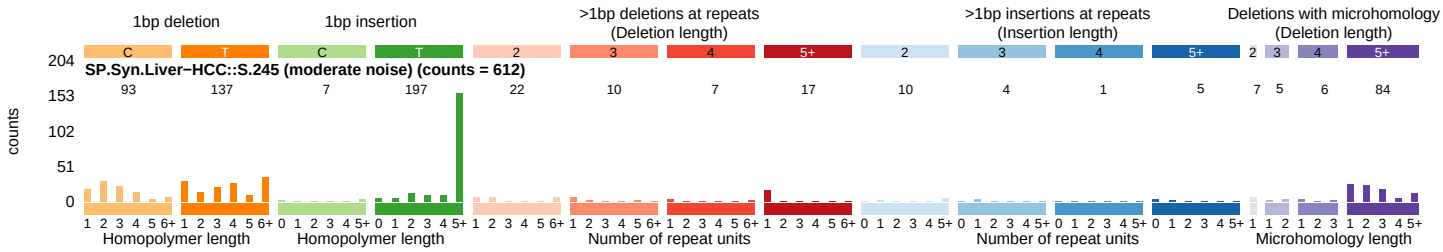

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.240 (moderate noise) (counts = 623)
47 182 5 127 34 21 8 47 21 4 2 3 14 7 10 91
counts
120 90 60 30 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

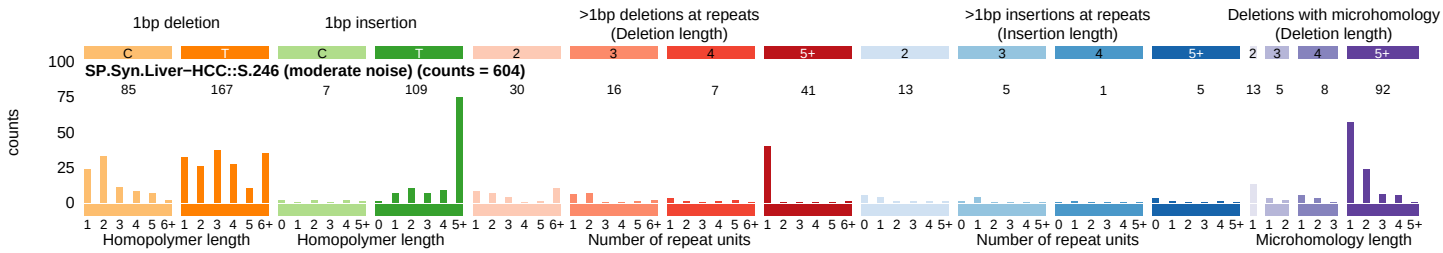

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.241 (moderate noise) (counts = 979)
127 352 8 141 60 24 29 39 37 10 10 9 29 15 13 76
counts
124 93 62 31 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

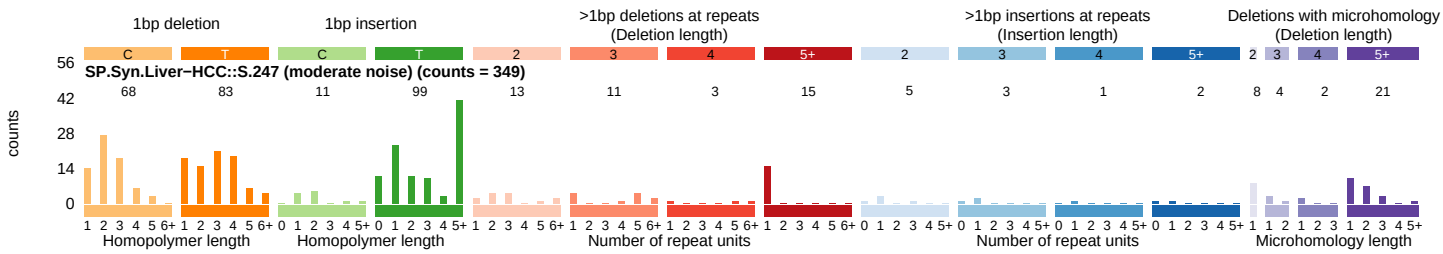

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.242 (moderate noise) (counts = 609)
152 157 9 128 22 13 5 24 13 0 2 5 9 6 5 59
counts
120 90 60 30 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

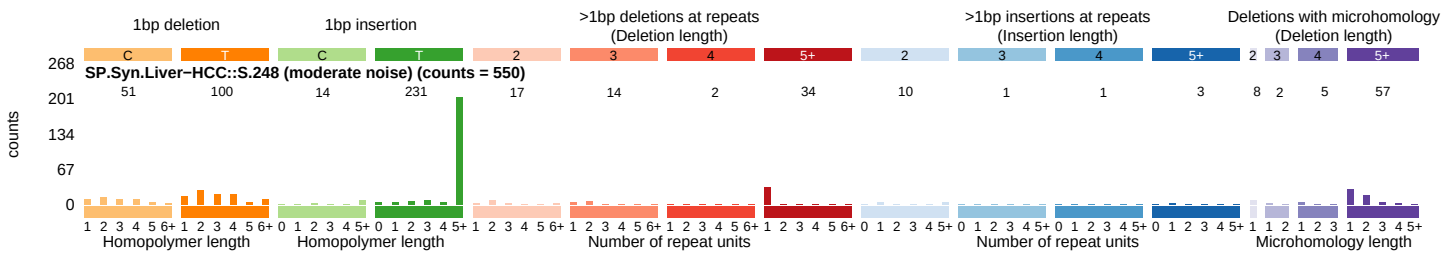

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.243 (moderate noise) (counts = 661)
158 112 13 216 17 4 5 44 8 0 1 1 8 2 3 69
counts
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+ 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

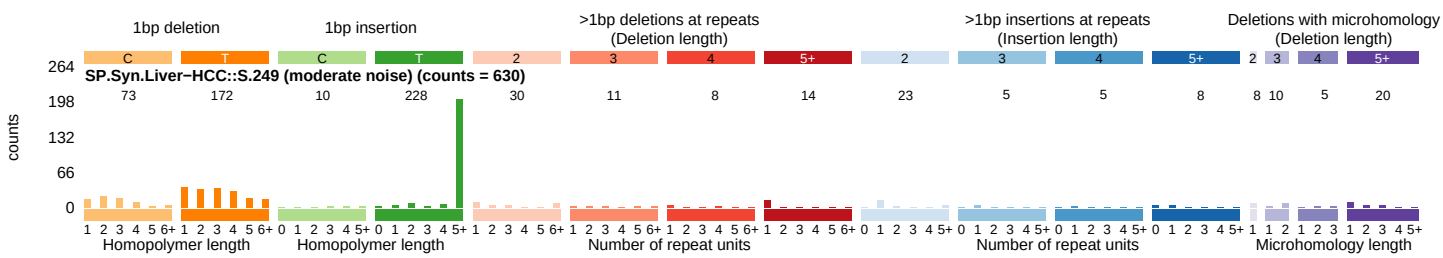

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.244 (moderate noise) (counts = 568)
64 104 12 218 10 8 5 24 8 3 0 3 7 2 2 98
counts
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

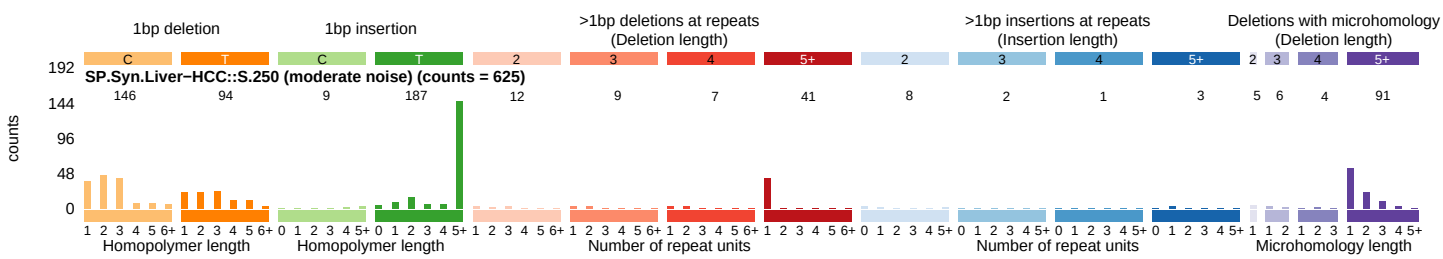

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.245 (moderate noise) (counts = 612)
93 137 7 197 22 10 7 17 10 4 1 5 7 5 6 84
counts
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+ 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

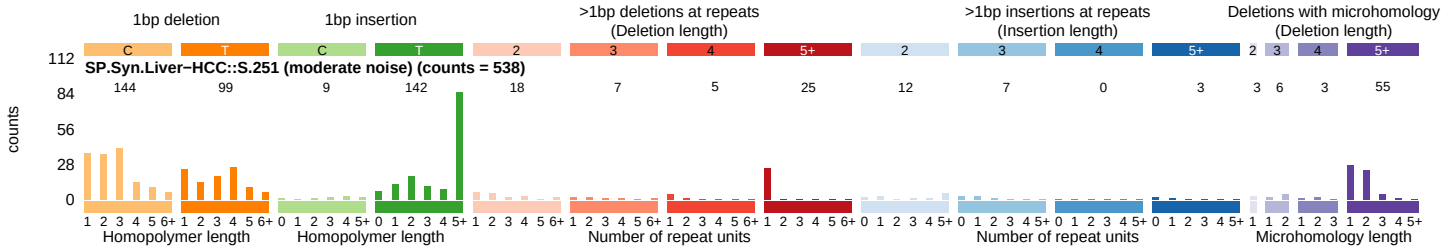

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.246 (moderate noise) (counts = 604)
85 167 7 109 30 16 7 41 13 5 1 5 13 5 8 92
counts
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+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

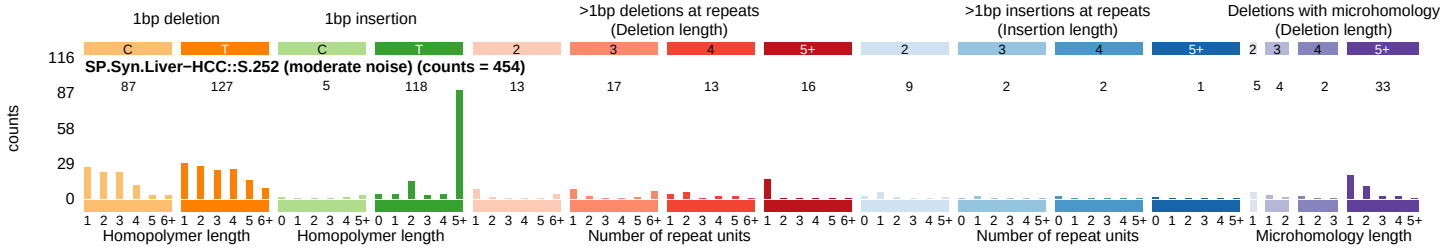

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.247 (moderate noise) (counts = 349)
68 83 11 99 13 11 3 15 5 3 1 2 8 4 2 21
counts
56 42 28 14 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 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

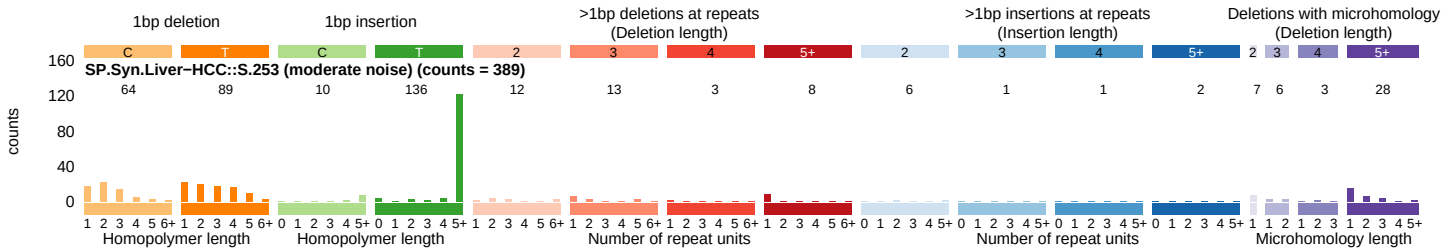

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.248 (moderate noise) (counts = 550)
51 100 14 231 17 14 2 34 10 1 1 3 8 2 5 57
counts
268 201 134 67 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

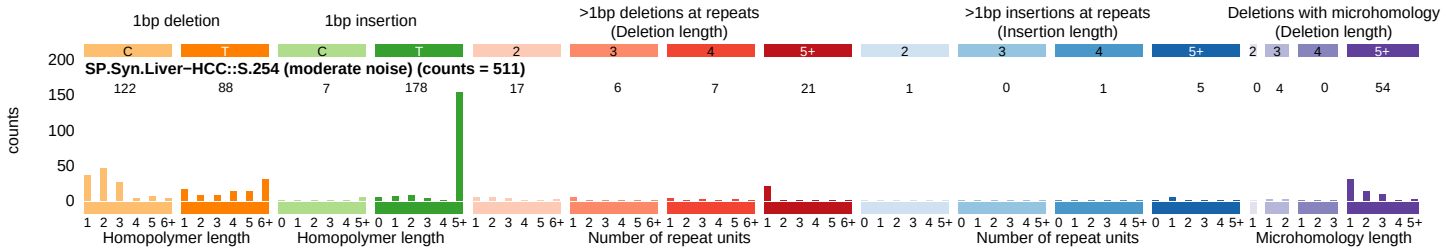

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.249 (moderate noise) (counts = 630)
73 172 10 228 30 11 8 14 23 5 5 8 8 10 5 20
counts
264 198 132 66 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

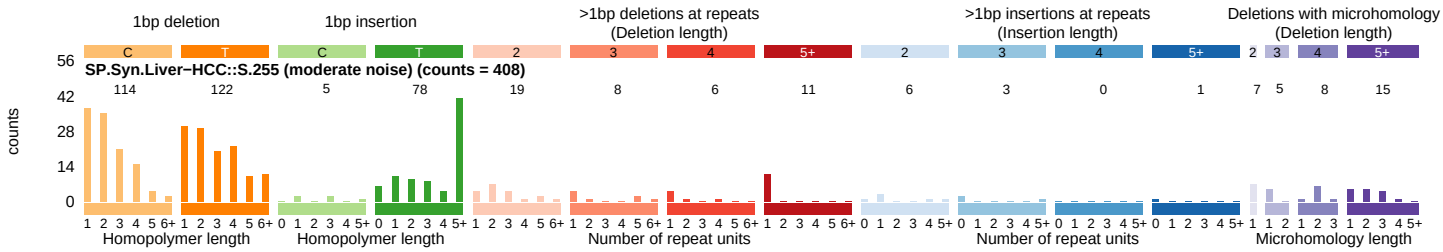

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.250 (moderate noise) (counts = 625)
146 94 9 187 12 9 7 41 8 2 1 3 5 6 4 91
counts
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

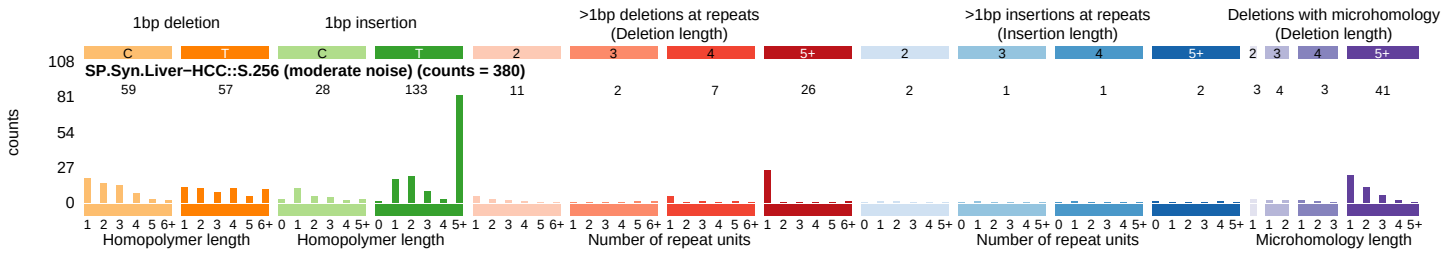

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.251 (moderate noise) (counts = 538)
144 99 9 142 18 7 5 25 12 7 0 3 3 6 3 55
counts
Homopolymer length
Number of repeat units
Microhomology length

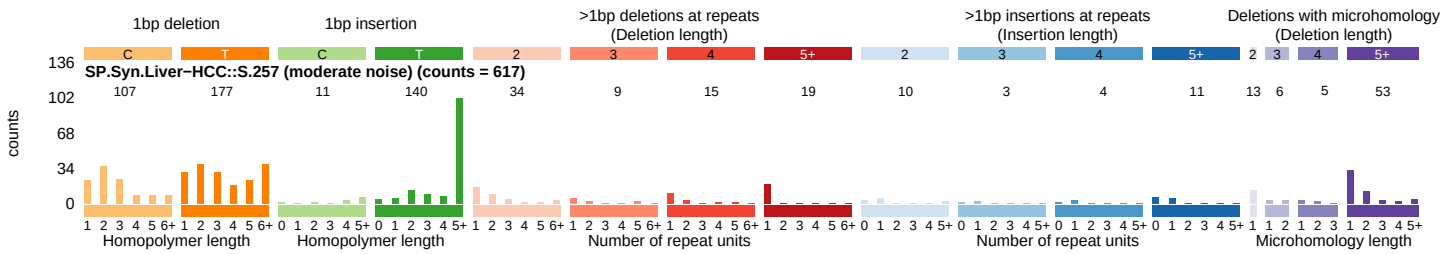

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.252 (moderate noise) (counts = 454)
87 127 5 118 13 17 13 16 9 2 2 1 5 4 2 33
counts
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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.253 (moderate noise) (counts = 389)
64 89 10 136 12 13 3 8 6 1 1 2 7 6 3 28
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.254 (moderate noise) (counts = 511)
122 88 7 178 17 6 7 21 1 0 1 5 0 4 0 54
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.255 (moderate noise) (counts = 408)
114 122 5 78 19 8 6 11 6 3 0 1 7 5 8 15
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.256 (moderate noise) (counts = 380)
59 57 28 133 11 2 7 26 2 1 1 2 3 4 3 41
counts
Homopolymer length
Number of repeat units
Microhomology length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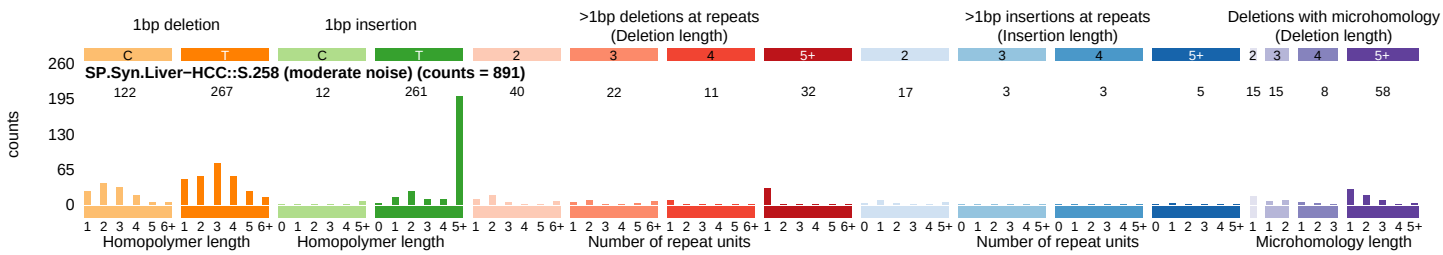
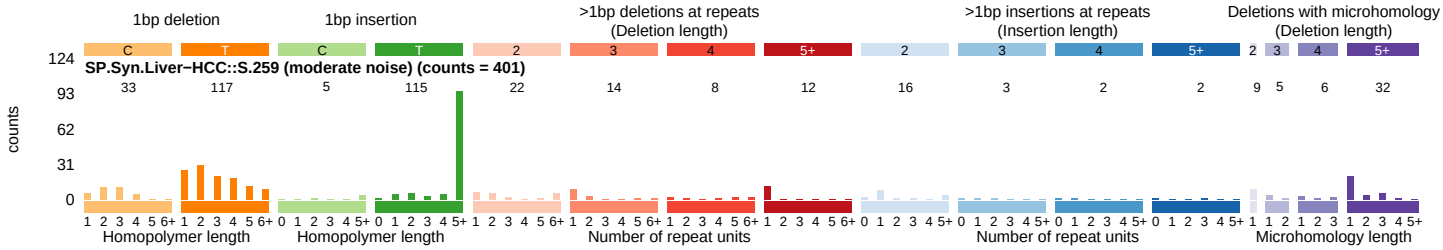
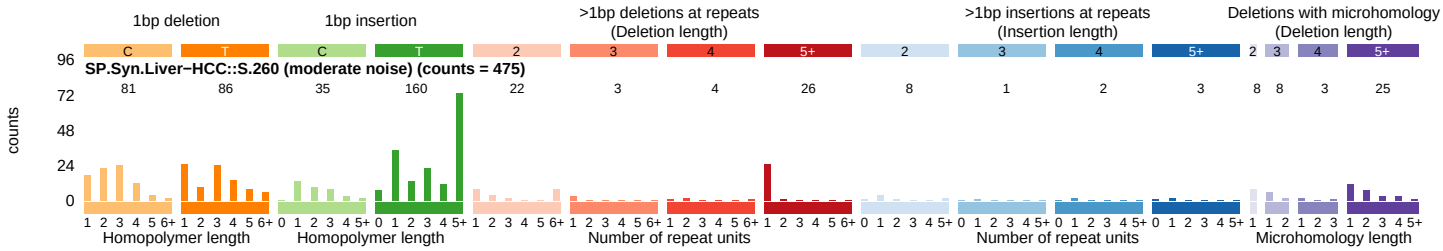
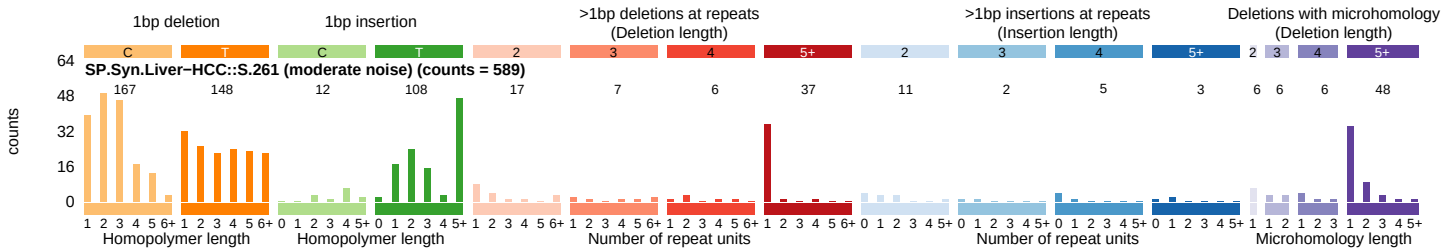
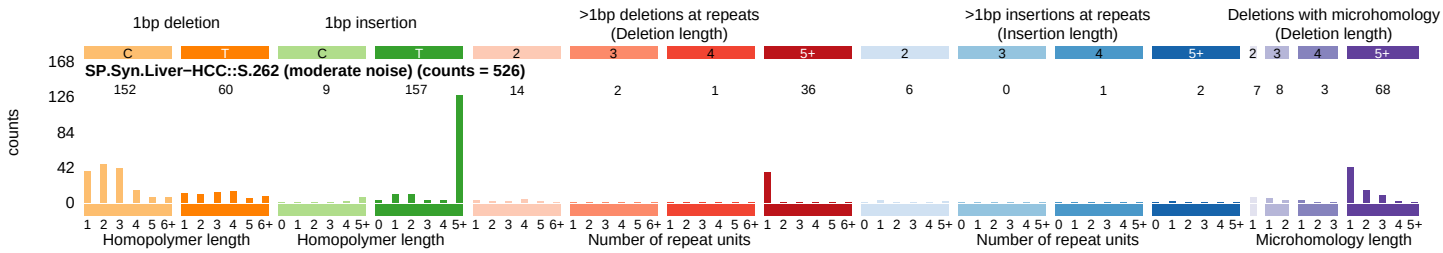
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.257 (moderate noise) (counts = 617)
107 177 11 140 34 9 15 19 10 3 4 11 13 6 5 53
counts
Homopolymer length
Number of repeat units
Microhomology length

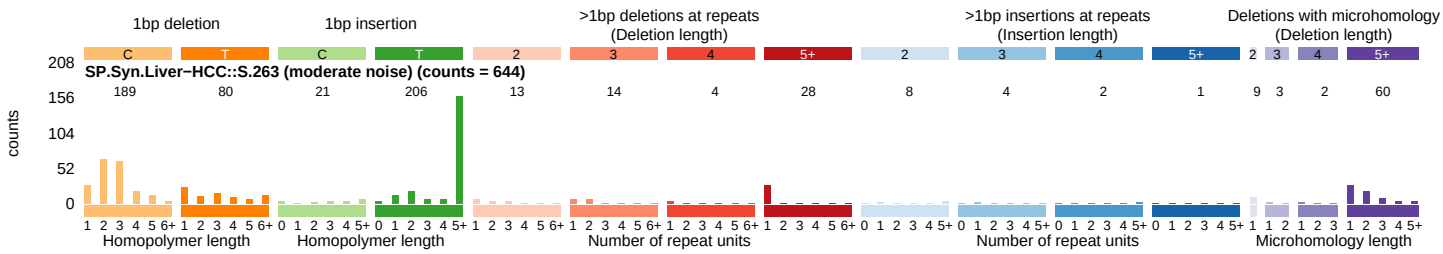

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.258 (moderate noise) (counts = 891)
122 267 12 261 40 22 11 32 17 3 3 5 15 15 8 58
counts
Homopolymer length
Number of repeat units
Microhomology length

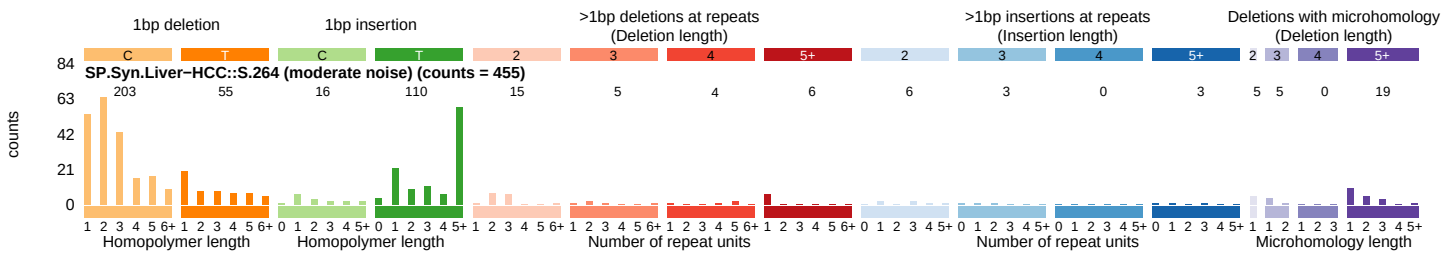

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.259 (moderate noise) (counts = 401)
33 117 5 115 22 14 8 12 16 3 2 2 9 5 6 32
counts
124 93 62 31 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

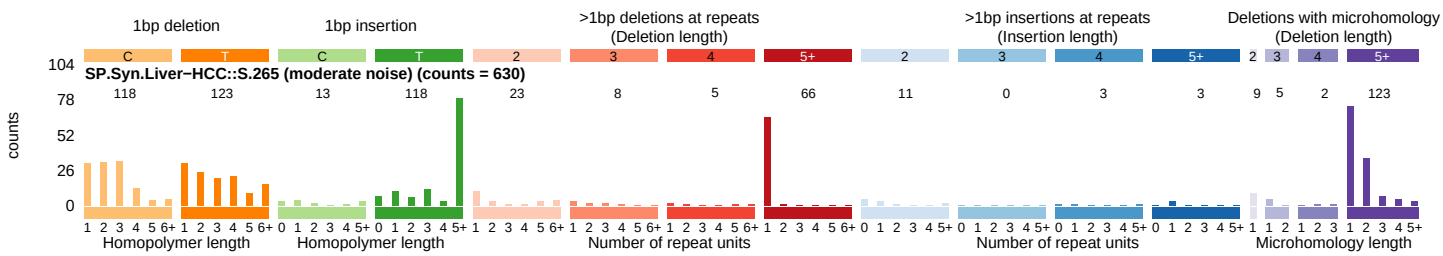

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.260 (moderate noise) (counts = 475)
81 86 35 160 22 3 4 26 8 1 2 3 8 8 3 25
counts
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

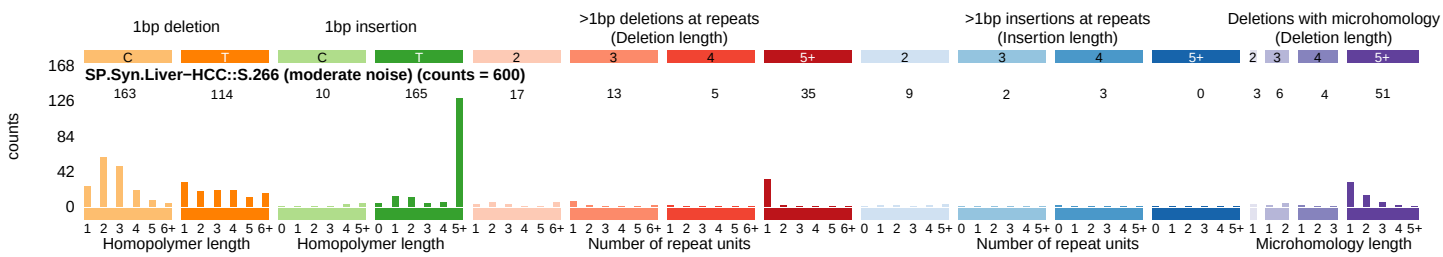

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.261 (moderate noise) (counts = 589)
167 148 12 108 17 7 6 37 11 2 5 3 6 6 6 48
counts
64 48 32 16 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

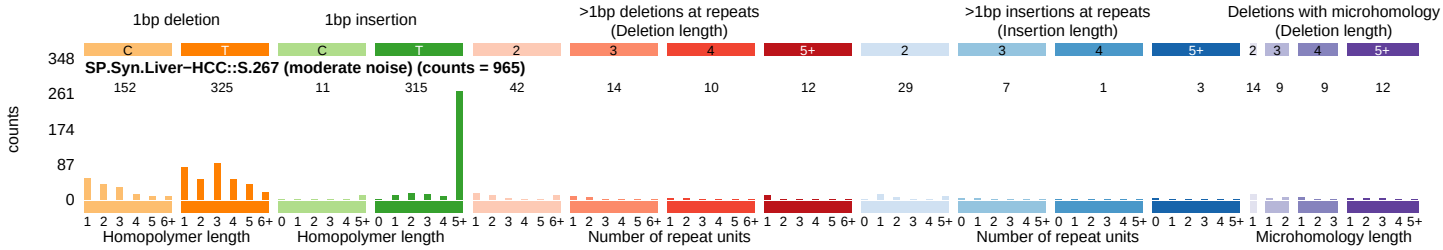

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.262 (moderate noise) (counts = 526)
152 60 9 157 14 2 1 36 6 0 1 2 7 8 3 68
counts
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

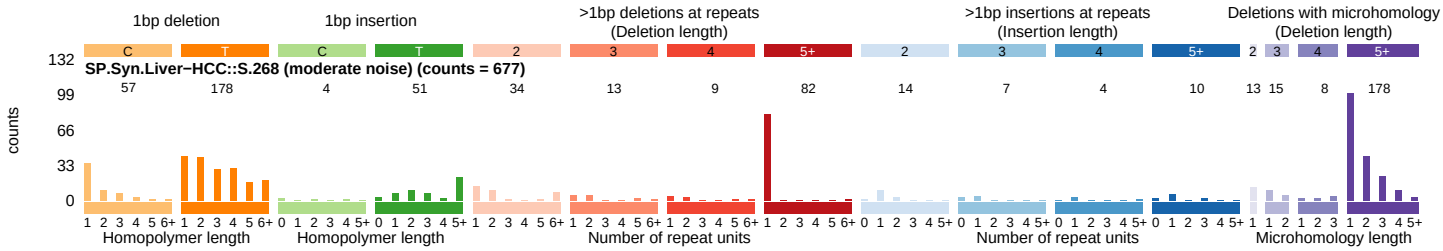

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.263 (moderate noise) (counts = 644)
189 80 21 206 13 14 4 28 8 4 2 1 9 3 2 60
counts
208 156 104 52 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.264 (moderate noise) (counts = 455)
203 55 16 110 15 5 4 6 6 3 0 3 5 5 0 19
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.265 (moderate noise) (counts = 630)
118 123 13 118 23 8 5 66 11 0 3 3 9 5 2 123
counts
104 78 52 26 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.266 (moderate noise) (counts = 600)
163 114 10 165 17 13 5 35 9 2 3 0 3 6 4 51
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.Liver−HCC::S.267 (moderate noise) (counts = 965)
152 325 11 315 42 14 10 12 29 7 1 3 14 9 9 12
counts
348 261 174 87 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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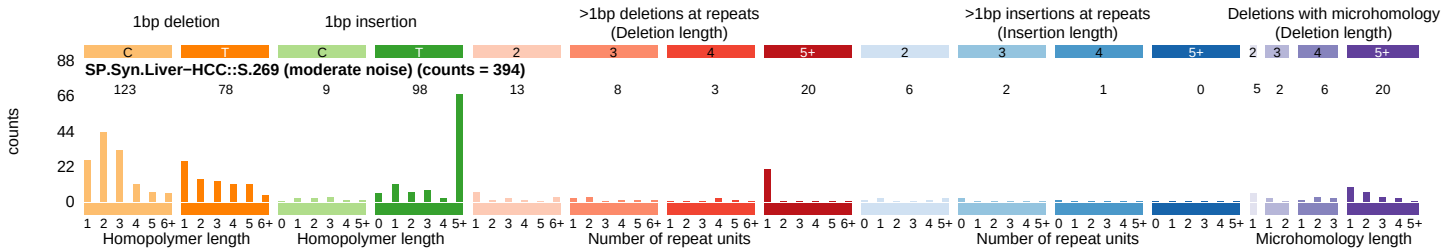
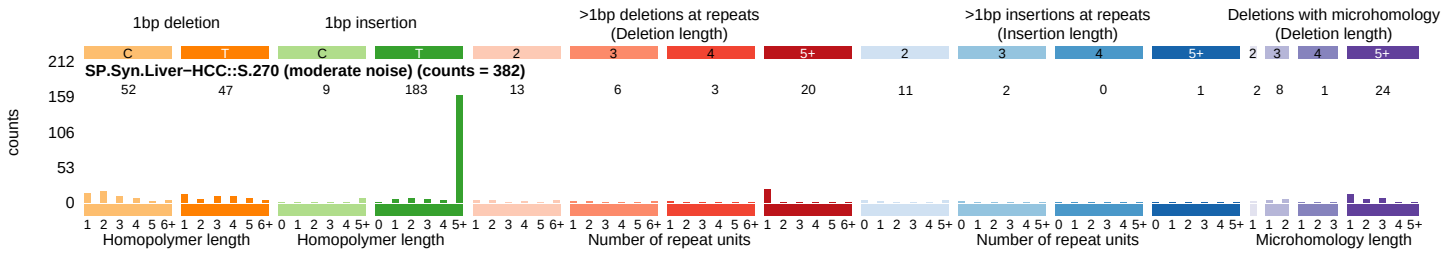
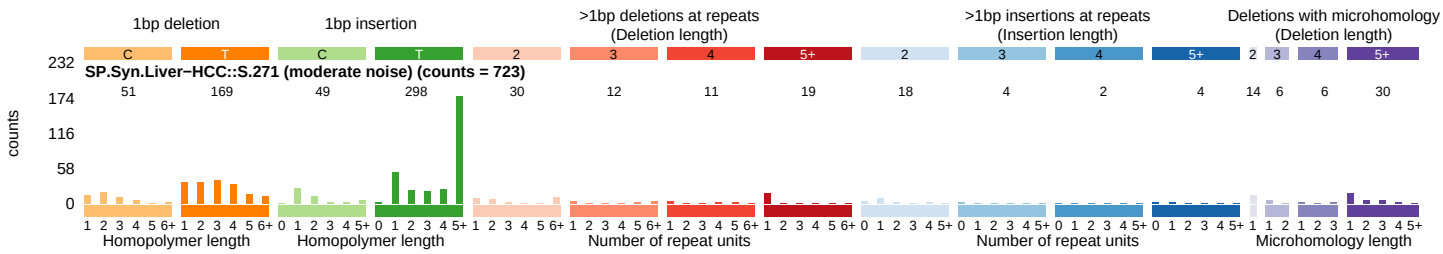
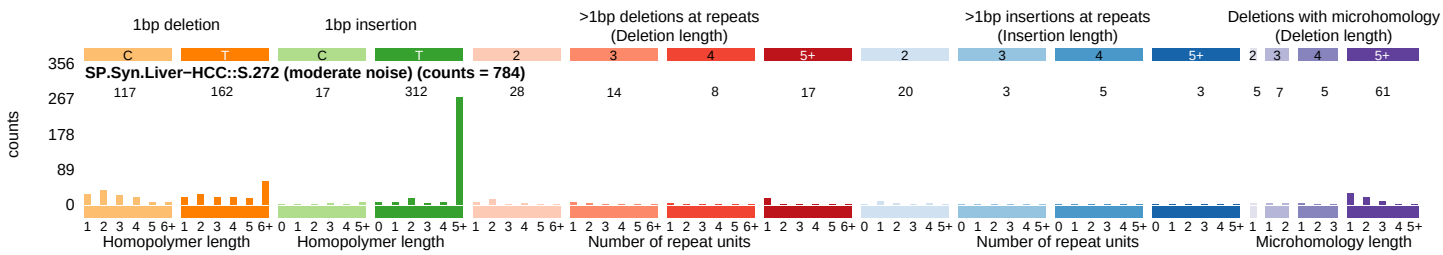
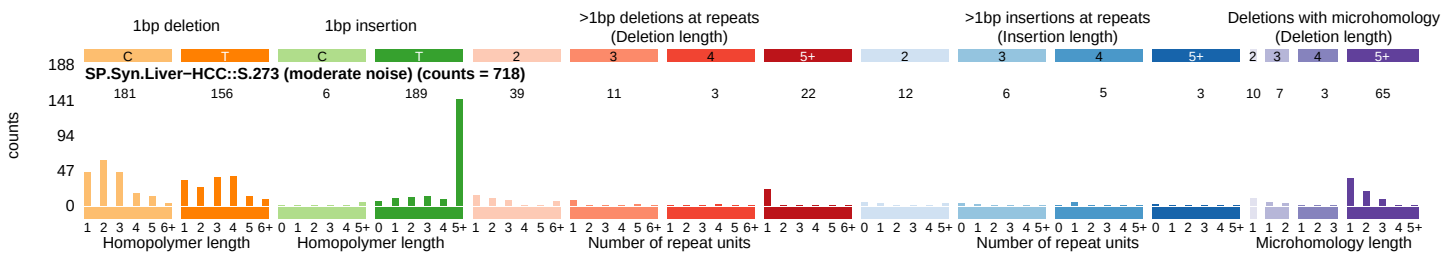
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.268 (moderate noise) (counts = 677)
57 178 4 51 34 13 9 82 14 7 4 10 13 15 8 178
counts
132 99 66 33 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

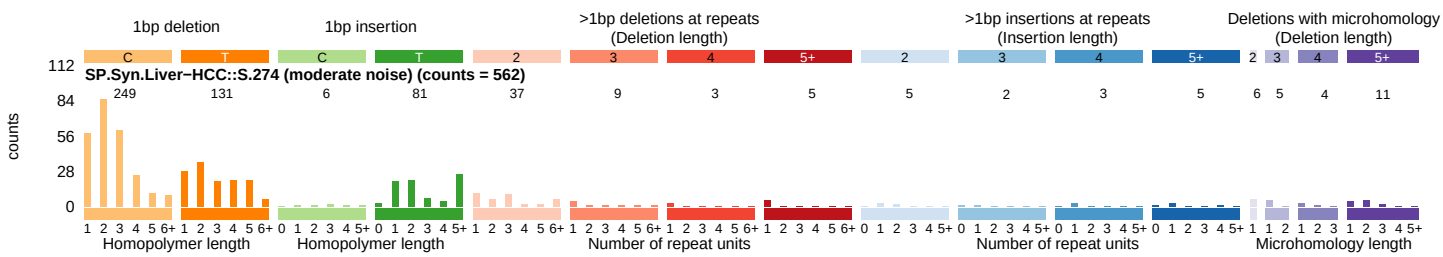

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.269 (moderate noise) (counts = 394)
123 78 9 98 13 8 3 20 6 2 1 0 5 2 6 20
counts
88 66 44 22 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

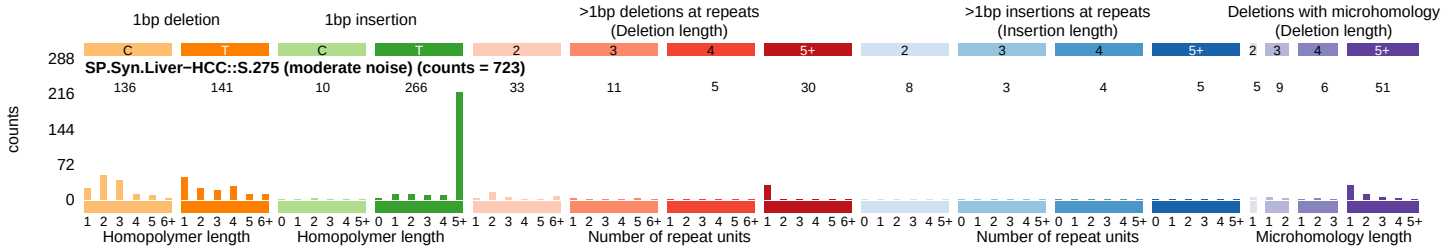

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.270 (moderate noise) (counts = 382)
52 47 9 183 13 6 3 20 11 2 0 1 2 8 1 24
counts
212 159 106 53 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

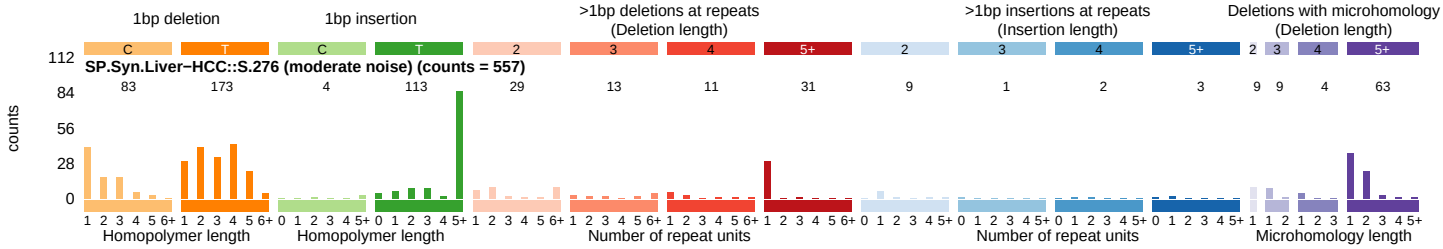

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.271 (moderate noise) (counts = 723)
51 169 49 298 30 12 11 19 18 4 2 4 14 6 6 30
counts
232 174 116 58 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

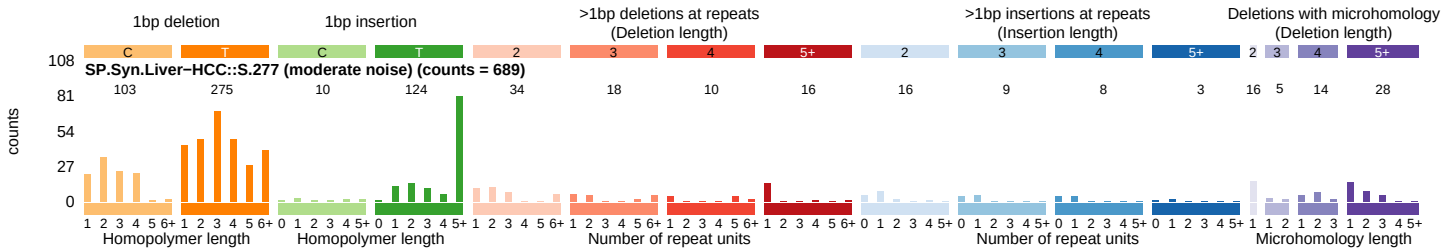

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.272 (moderate noise) (counts = 784)
117 162 17 312 28 14 8 17 20 3 5 3 5 7 5 61
counts
356 267 178 89 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

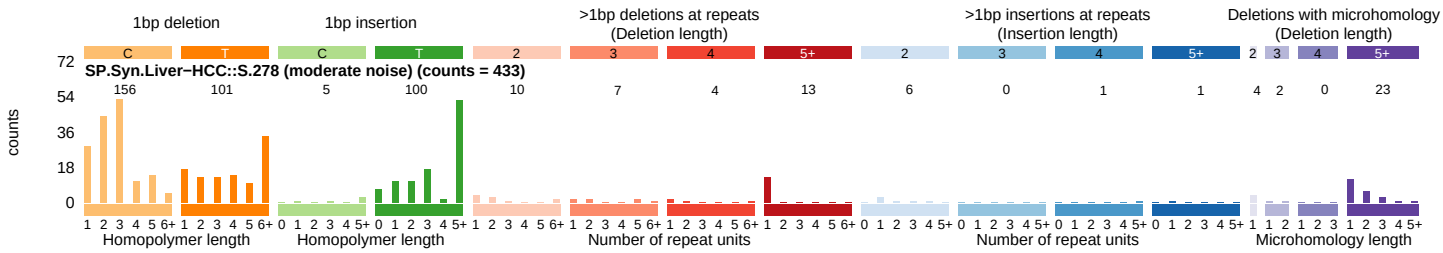

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.273 (moderate noise) (counts = 718)
181 156 6 189 39 11 3 22 12 6 5 3 10 7 3 65
counts
188 141 94 47 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

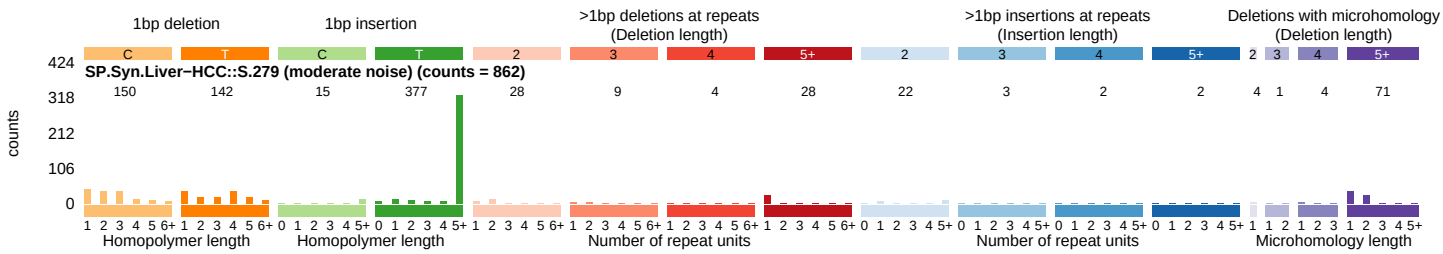

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.274 (moderate noise) (counts = 562)
249 131 6 81 37 9 3 5 5 2 3 5 6 5 4 11
counts
112 84 56 28 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

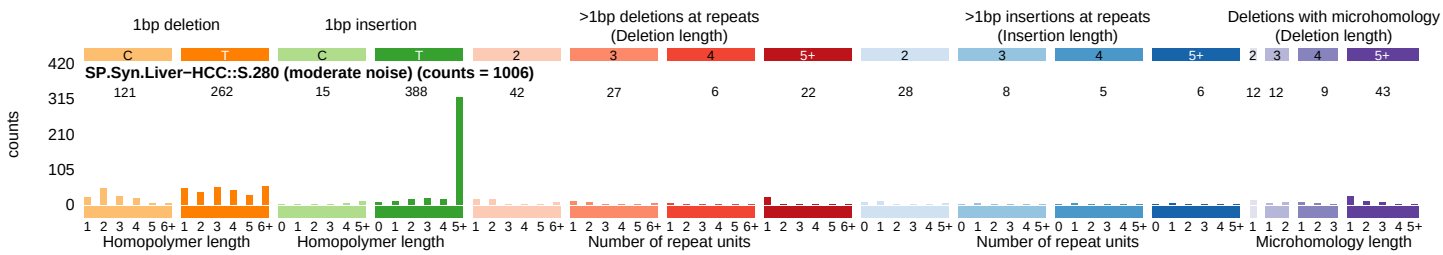

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.275 (moderate noise) (counts = 723)
136 141 10 266 33 11 5 30 8 3 4 5 5 9 6 51
counts
288 216 144 72 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

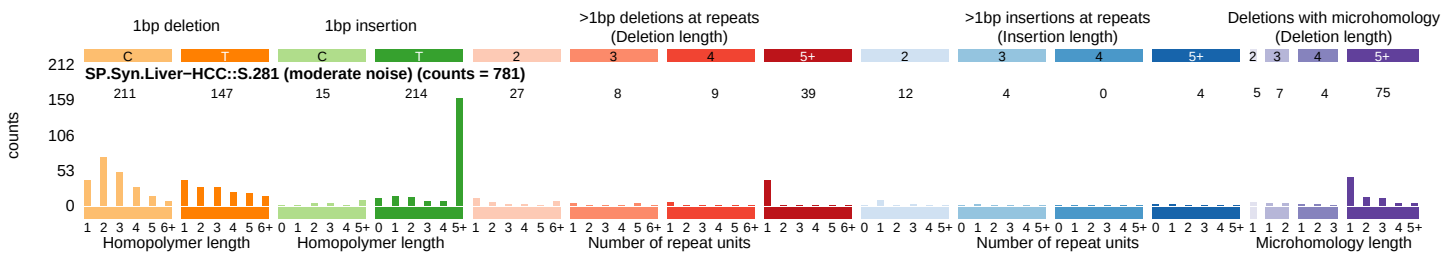

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.276 (moderate noise) (counts = 557)
83 173 4 113 29 13 11 31 9 1 2 3 9 9 4 63
counts
112 84 56 28 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

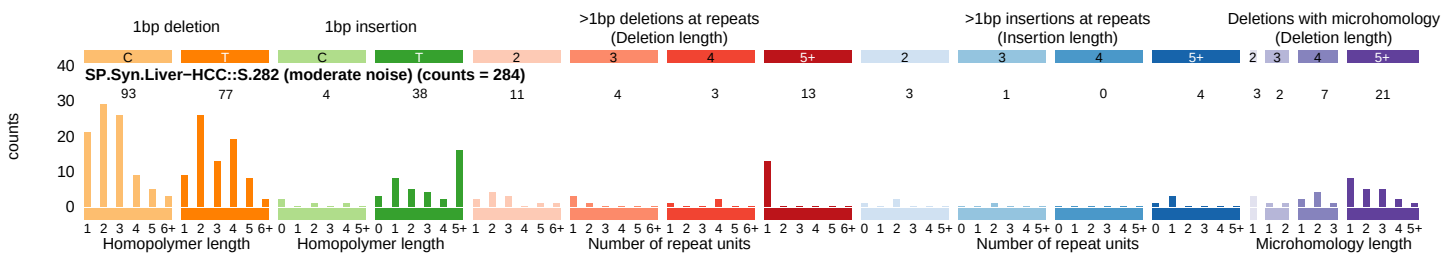

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.277 (moderate noise) (counts = 689)
103 275 10 124 34 18 10 16 16 9 8 3 16 5 14 28
counts
108 81 54 27 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

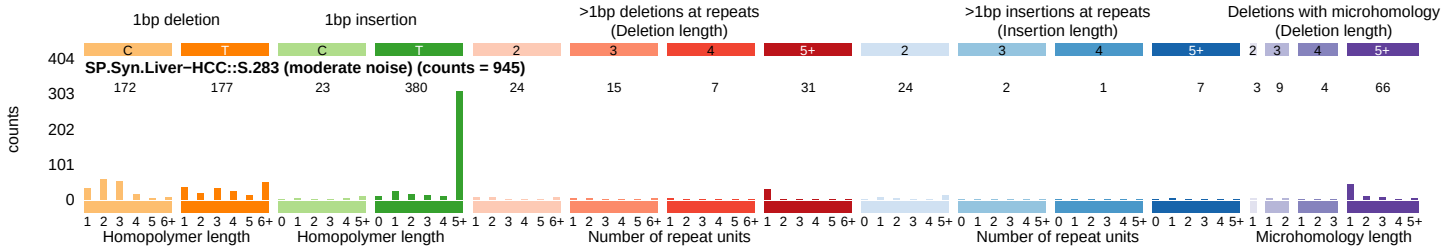

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.278 (moderate noise) (counts = 433)
156 101 5 100 10 7 4 13 6 0 1 1 4 2 0 23
counts
72 54 36 18 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

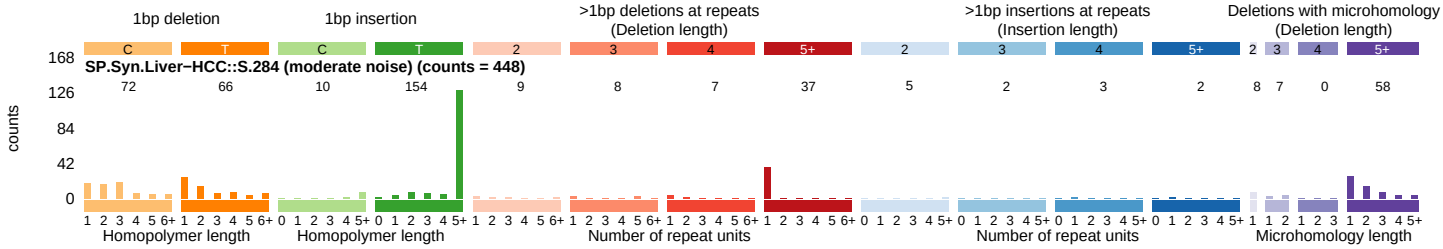

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.279 (moderate noise) (counts = 862)
150 142 15 377 28 9 4 28 22 3 2 2 4 1 4 71
counts
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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.280 (moderate noise) (counts = 1006)
121 262 15 388 42 27 6 22 28 8 5 6 12 12 9 43
counts
420 315 210 105 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.281 (moderate noise) (counts = 781)
211 147 15 214 27 8 9 39 12 4 0 4 5 7 4 75
counts
212 159 106 53 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.282 (moderate noise) (counts = 284)
93 77 4 38 11 4 3 13 3 1 0 4 3 2 7 21
counts
40 30 20 10 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.283 (moderate noise) (counts = 945)
172 177 23 380 24 15 7 31 24 2 1 7 3 9 4 66
counts
404 303 202 101 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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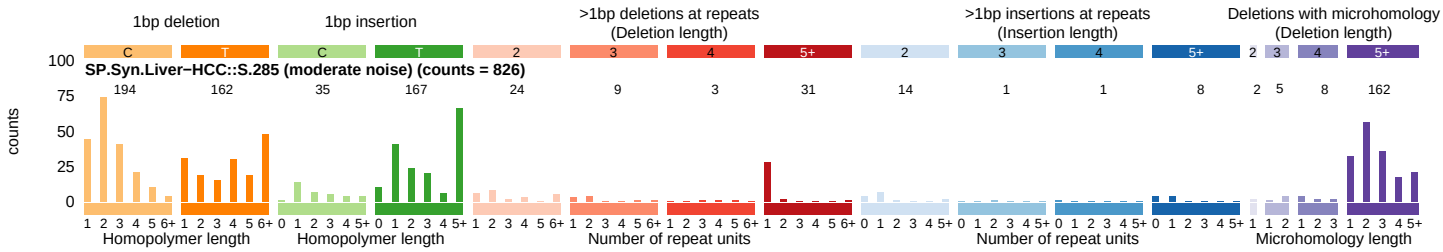
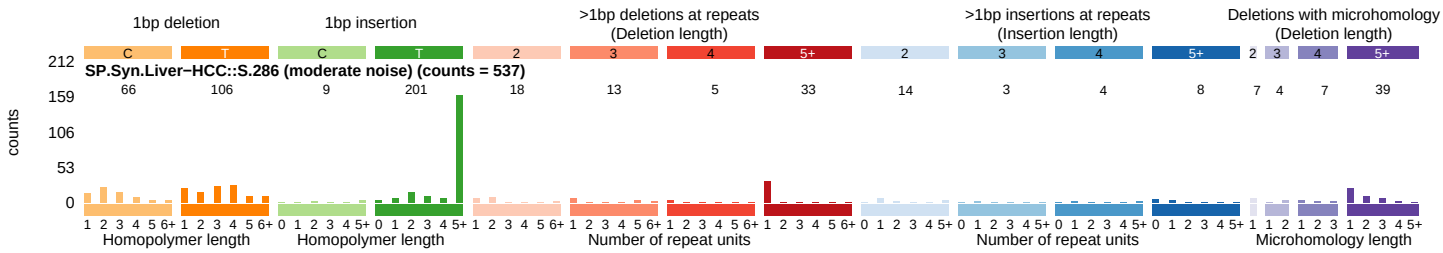
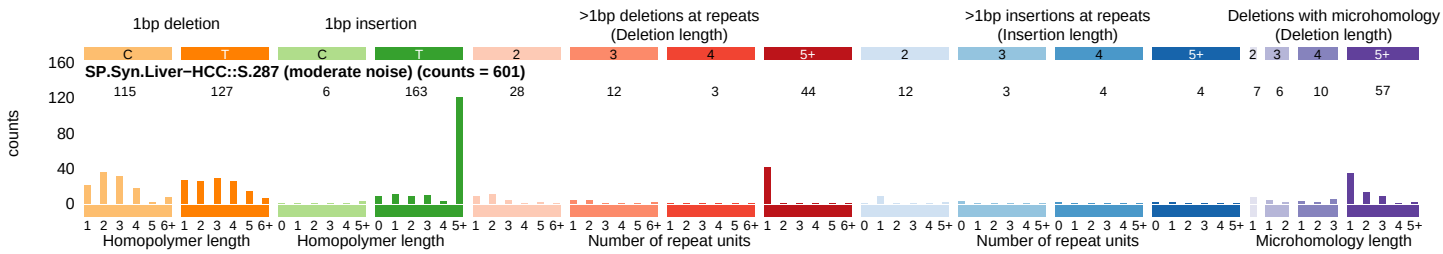
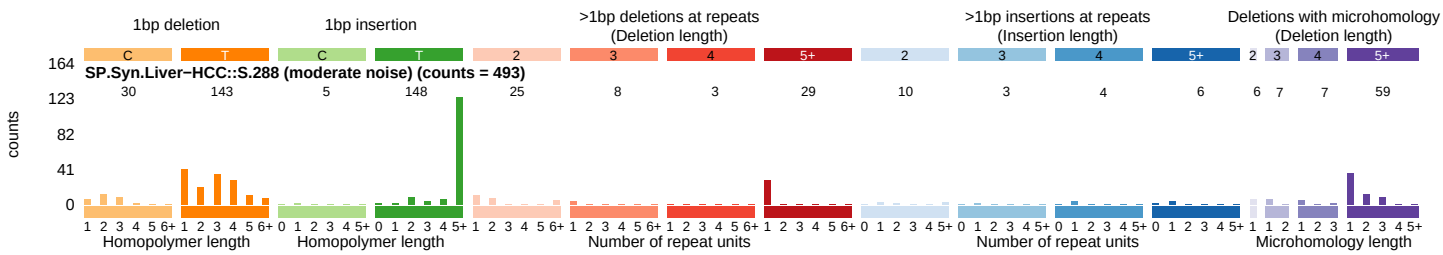
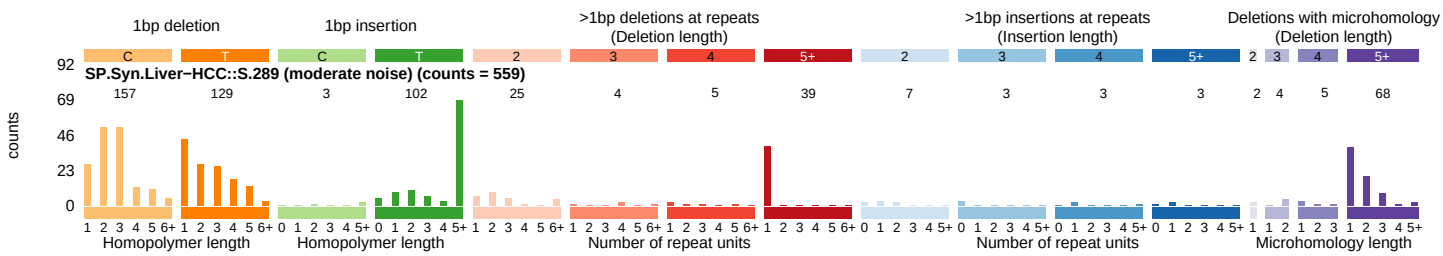
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.284 (moderate noise) (counts = 448)
72 66 10 154 9 8 7 37 5 2 3 2 8 7 0 58
counts
168 126 84 42 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

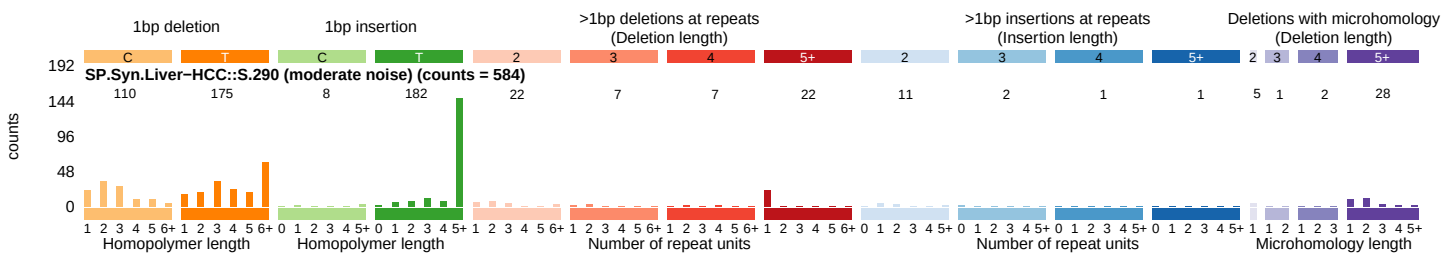

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.285 (moderate noise) (counts = 826)
194 162 35 167 24 9 3 31 14 1 1 8 2 5 8 162
counts
100 75 50 25 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

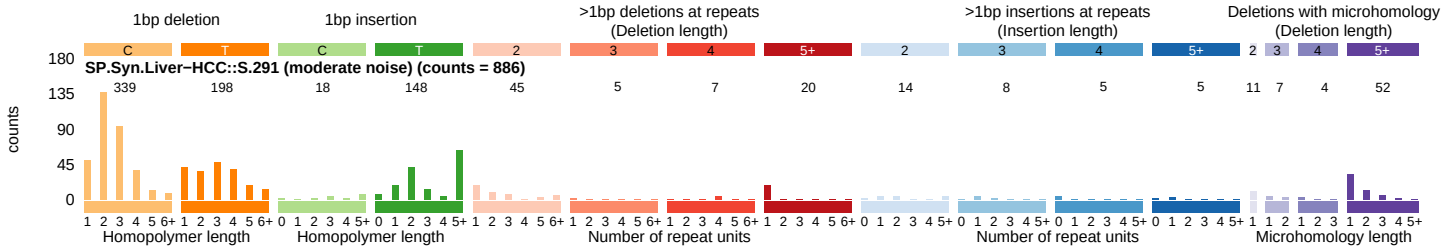

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.286 (moderate noise) (counts = 537)
66 106 9 201 18 13 5 33 14 3 4 8 7 4 7 39
counts
212 159 106 53 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

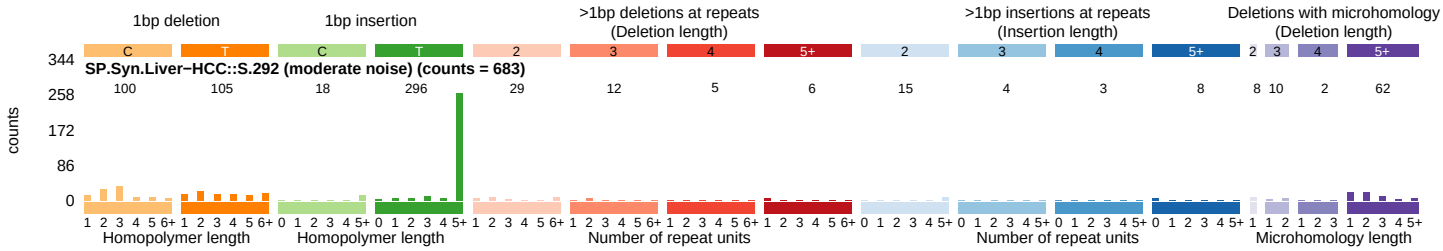

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.287 (moderate noise) (counts = 601)
115 127 6 163 28 12 3 44 12 3 4 4 7 6 10 57
counts
160 120 80 40 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

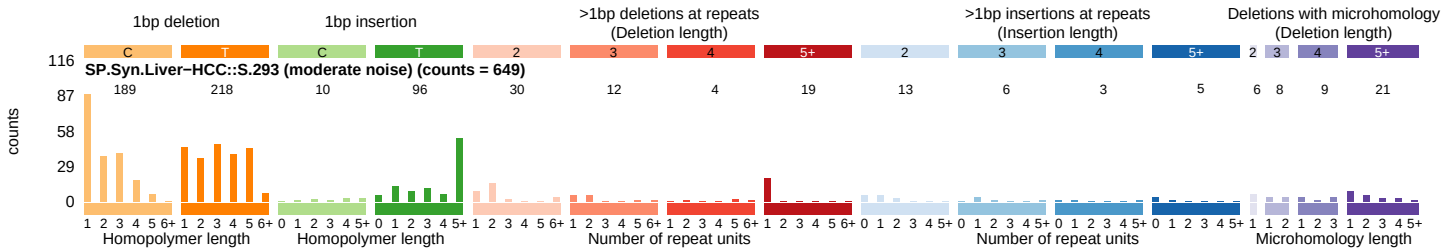

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.288 (moderate noise) (counts = 493)
30 143 5 148 25 8 3 29 10 3 4 6 6 7 7 59
counts
164 123 82 41 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Liver−HCC::S.289 (moderate noise) (counts = 559)
157 129 3 102 25 4 5 39 7 3 3 3 2 4 5 68
counts
92 69 46 23 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion 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 (moderate noise) (counts = 584)
110 175 8 182 22 7 7 22 11 2 1 1 5 1 2 28
counts
192 144 96 48 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.291 (moderate noise) (counts = 886)
339 198 18 148 45 5 7 20 14 8 5 5 11 7 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.292 (moderate noise) (counts = 683)
100 105 18 296 29 12 5 6 15 4 3 8 8 10 2 62
counts
Homopolymer length
Number of repeat units
Microhomology length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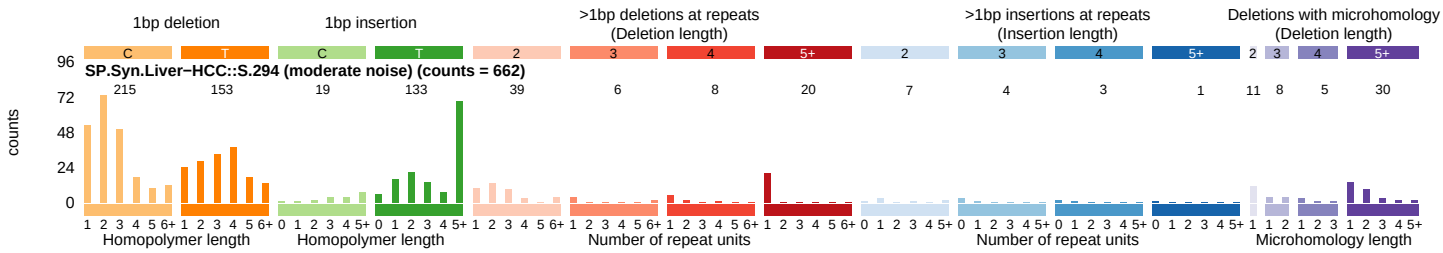
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.293 (moderate noise) (counts = 649)
189 218 10 96 30 12 4 19 13 6 3 5 6 8 9 21
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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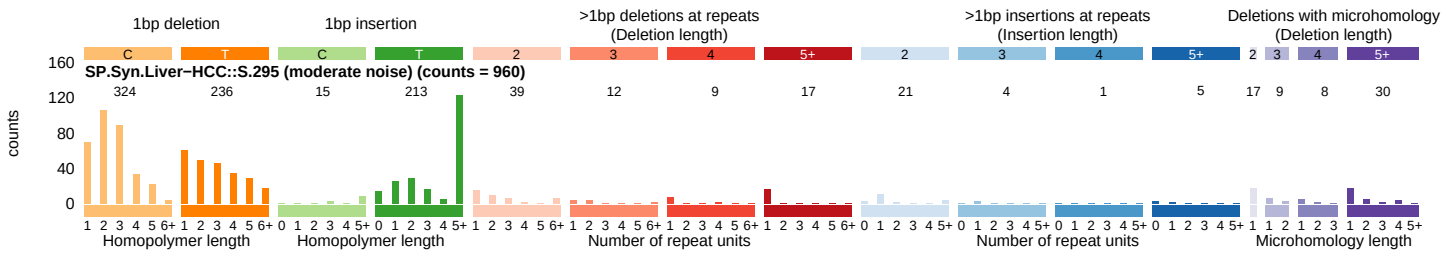
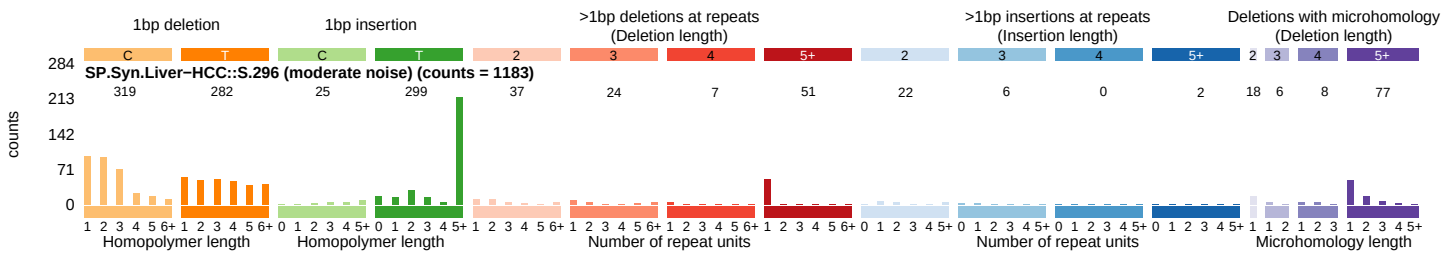
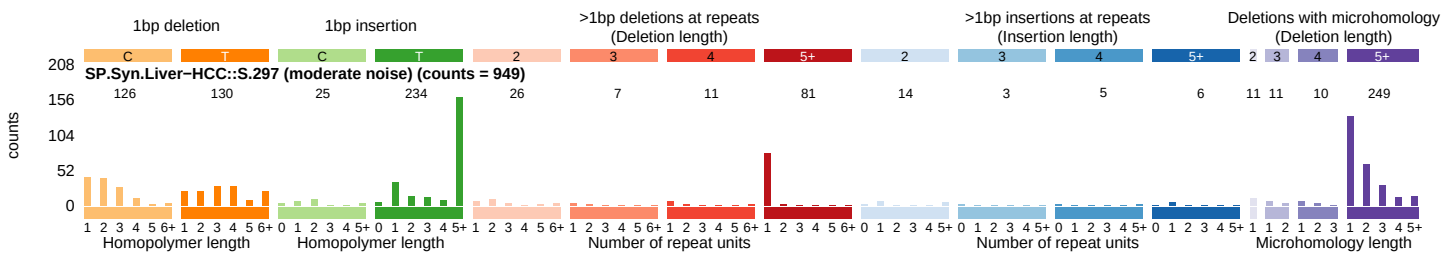
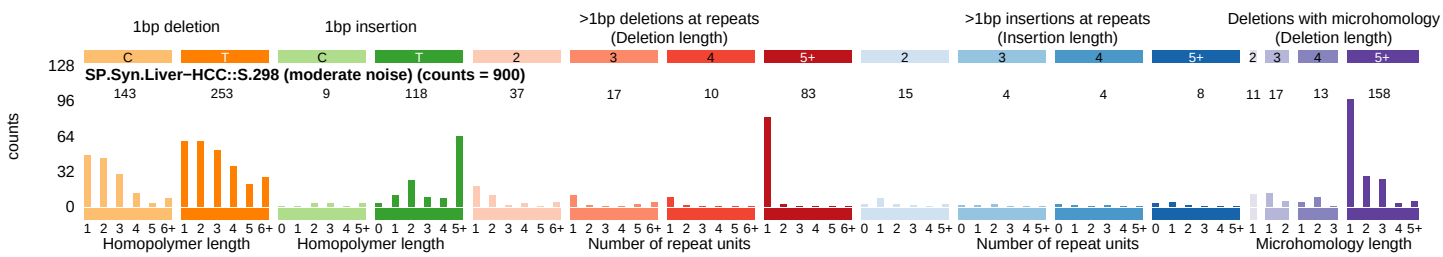
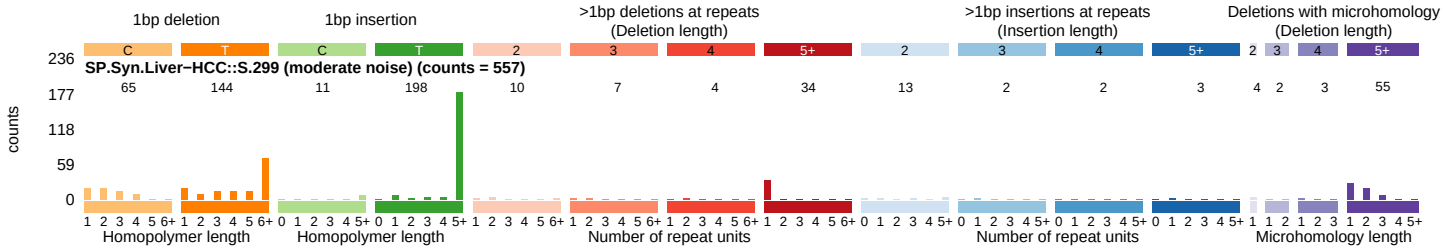
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.294 (moderate noise) (counts = 662)
215 153 19 133 39 6 8 20 7 4 3 1 11 8 5 30
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.295 (moderate noise) (counts = 960)
324 236 15 213 39 12 9 17 21 4 1 5 17 9 8 30
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.296 (moderate noise) (counts = 1183)
319 282 25 299 37 24 7 51 22 6 0 2 18 6 8 77
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.297 (moderate noise) (counts = 949)
126 130 25 234 26 7 11 81 14 3 5 6 11 11 10 249
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.298 (moderate noise) (counts = 900)
143 253 9 118 37 17 10 83 15 4 4 8 11 17 13 158
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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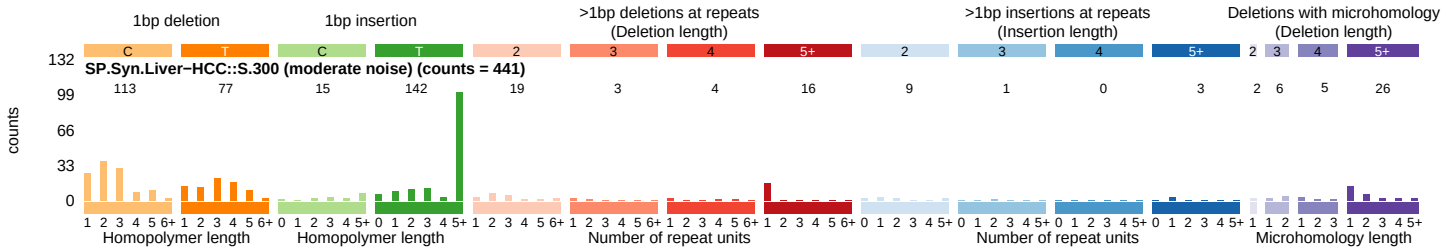
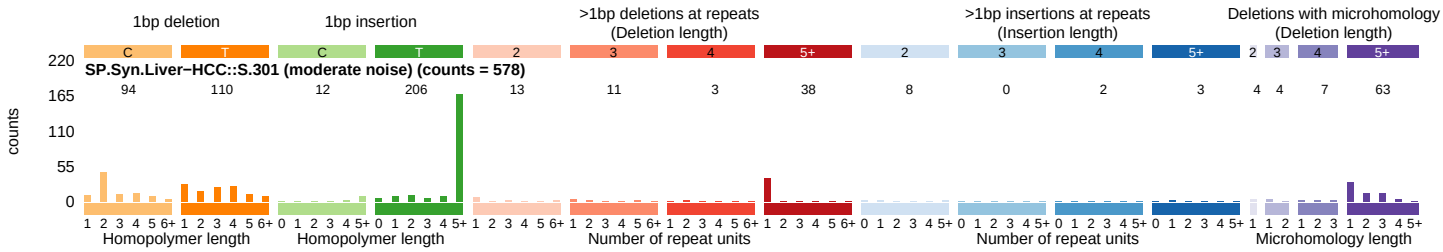
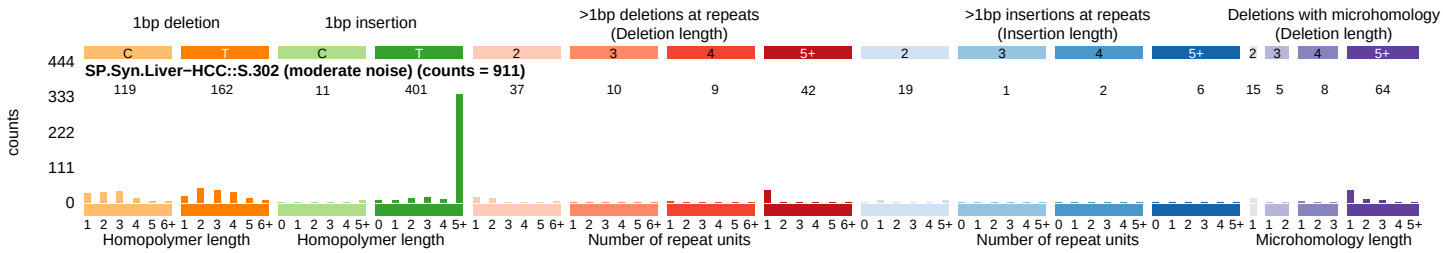
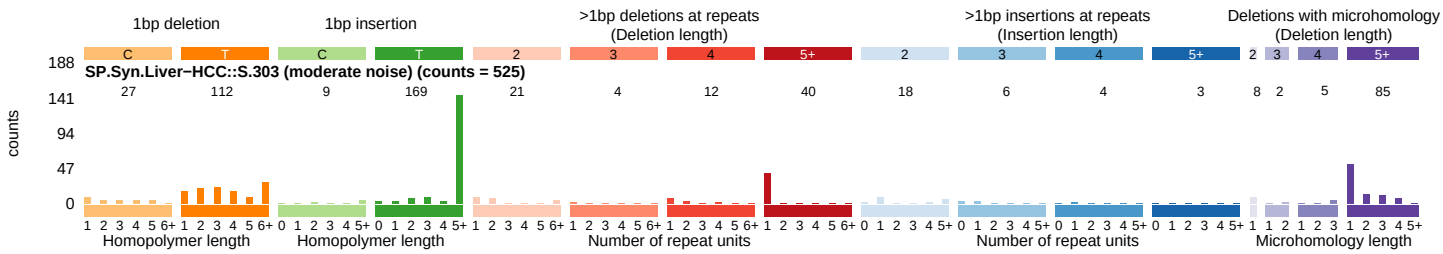
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.299 (moderate noise) (counts = 557)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.300 (moderate 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.Liver−HCC::S.301 (moderate noise) (counts = 578)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.302 (moderate noise) (counts = 911)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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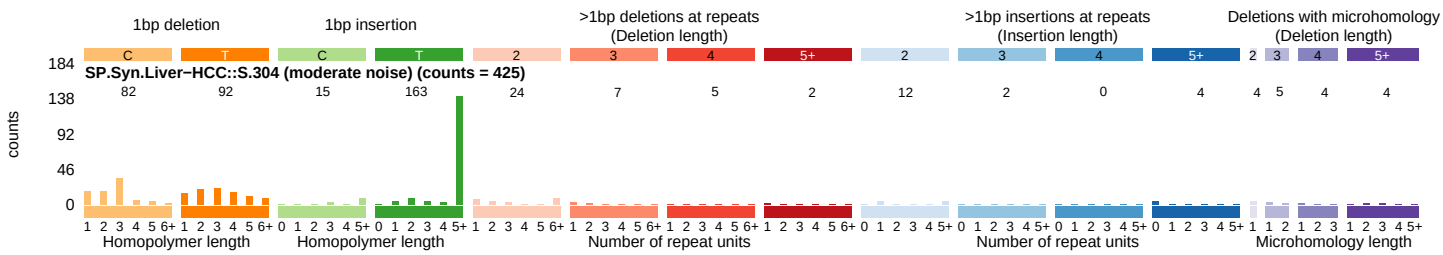
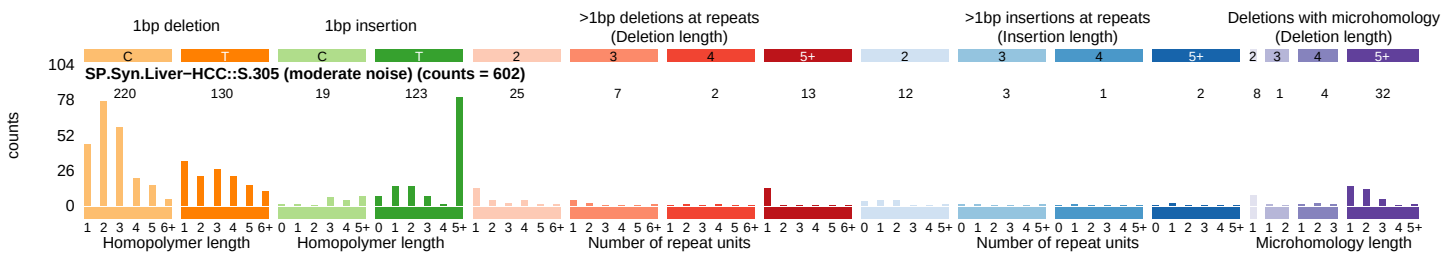
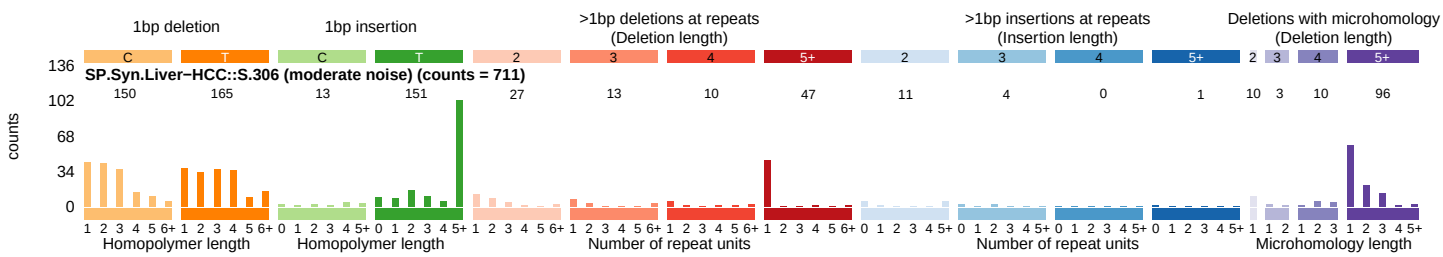
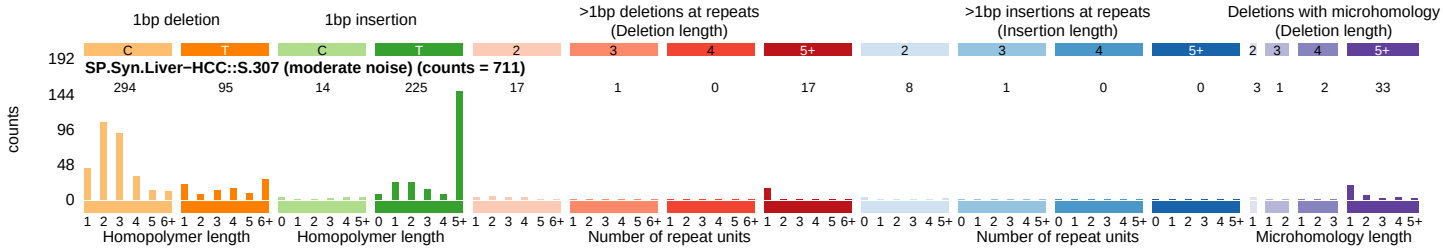
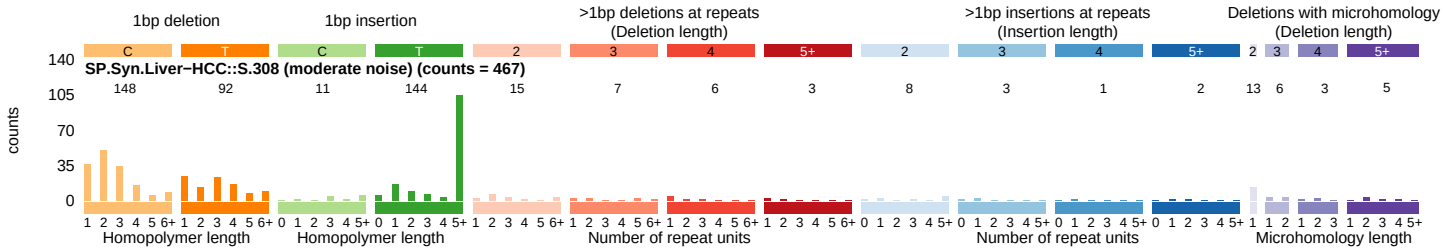
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.303 (moderate noise) (counts = 525)
counts
Homopolymer length
Number of repeat units
Microhomology length

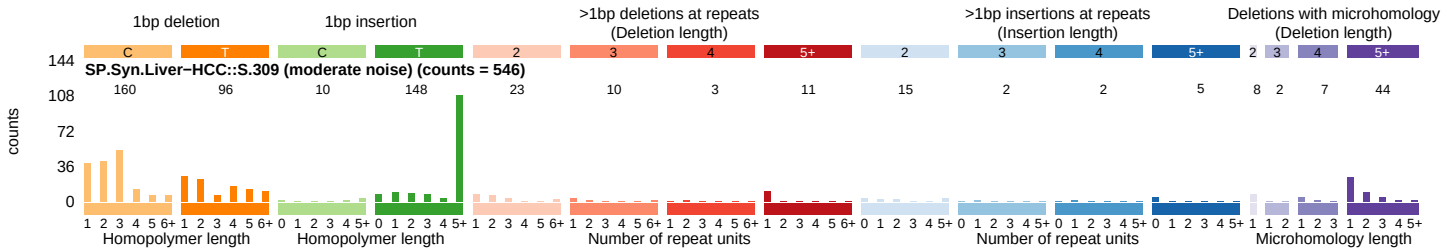

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.304 (moderate noise) (counts = 425)
counts
Homopolymer length
Number of repeat units
Microhomology length

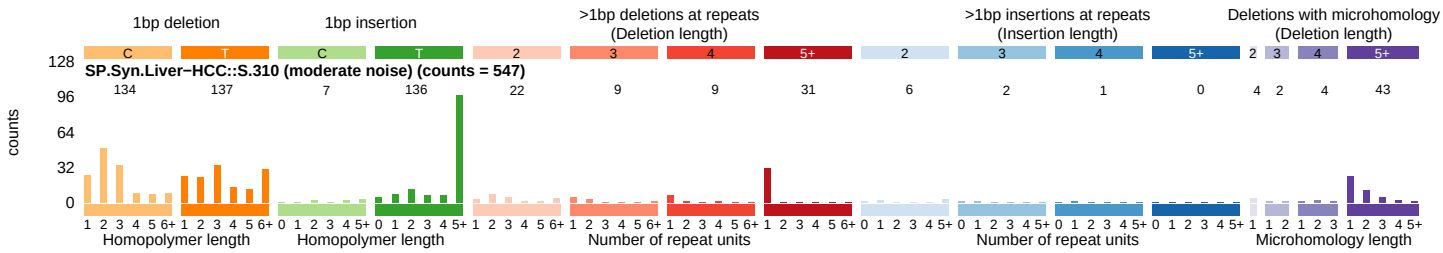

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.305 (moderate noise) (counts = 602)
counts
Homopolymer length
Number of repeat units
Microhomology length

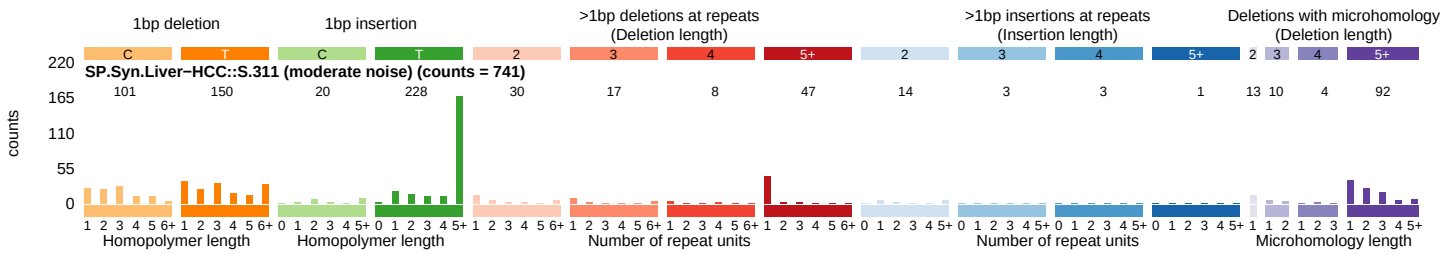

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.306 (moderate noise) (counts = 711)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.307 (moderate noise) (counts = 711)
294 95 14 225 17 1 0 17 8 1 0 0 3 1 2 33
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.308 (moderate noise) (counts = 467)
148 92 11 144 15 7 6 3 8 3 1 2 13 6 3 5
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.309 (moderate noise) (counts = 546)
160 96 10 148 23 10 3 11 15 2 2 5 8 2 7 44
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.310 (moderate noise) (counts = 547)
134 137 7 136 22 9 9 31 6 2 1 0 4 2 4 43
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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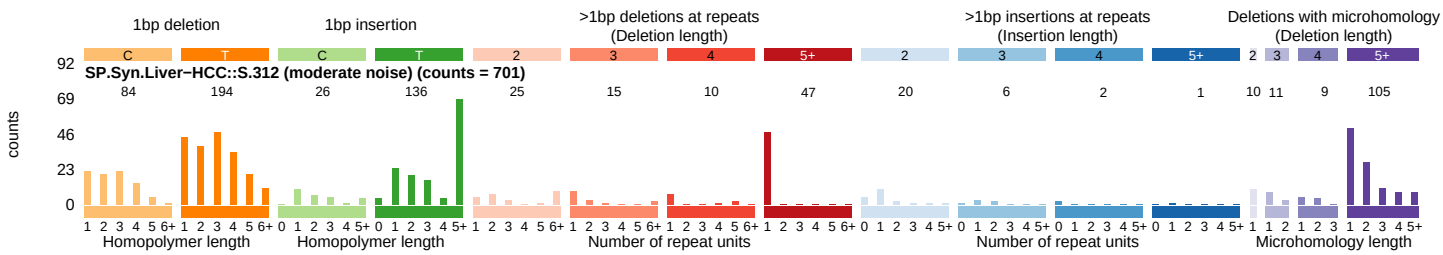
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.311 (moderate noise) (counts = 741)
101 150 20 228 30 17 8 47 14 3 3 1 13 10 4 92
counts
Homopolymer length
Number of repeat units
Microhomology length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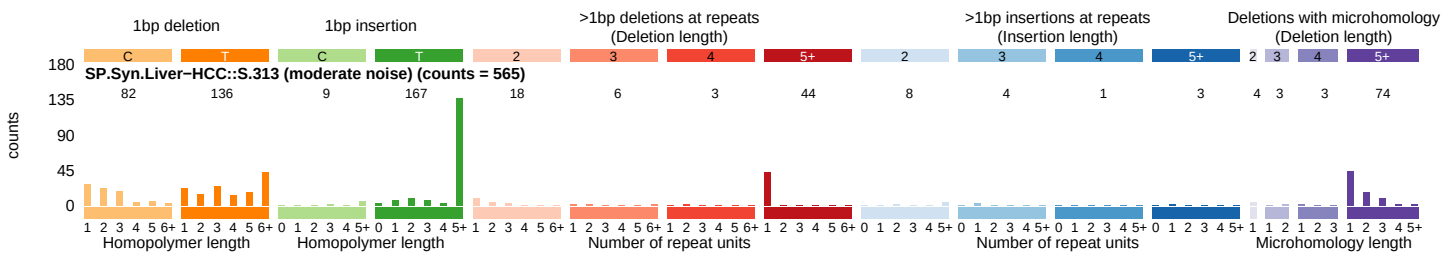
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.312 (moderate noise) (counts = 701)
84 194 26 136 25 15 10 47 20 6 2 1 10 11 9 105
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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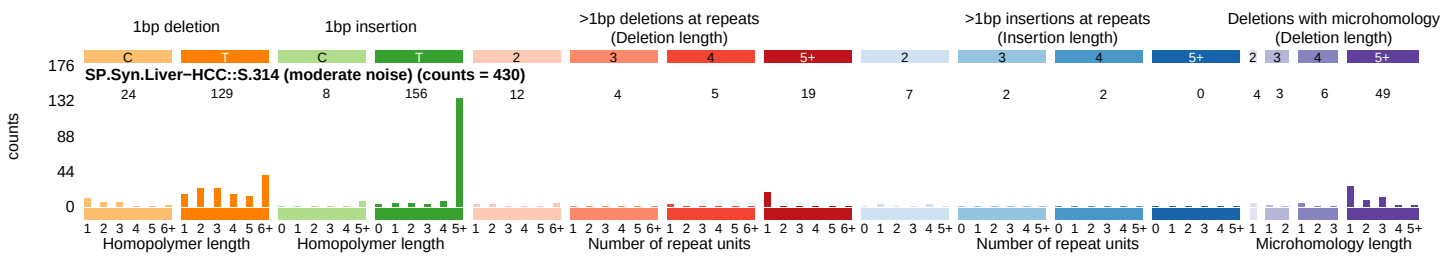
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.313 (moderate noise) (counts = 565)
82 136 9 167 18 6 3 44 8 4 1 3 4 3 3 74
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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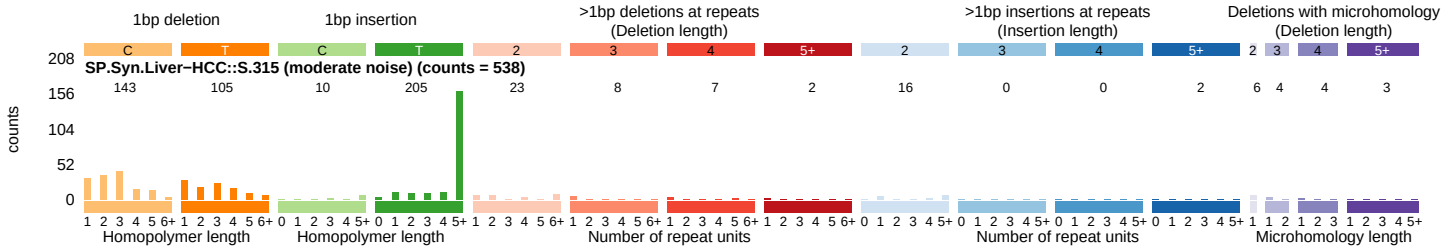
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.314 (moderate noise) (counts = 430)
24 129 8 156 12 4 5 19 7 2 2 0 4 3 6 49
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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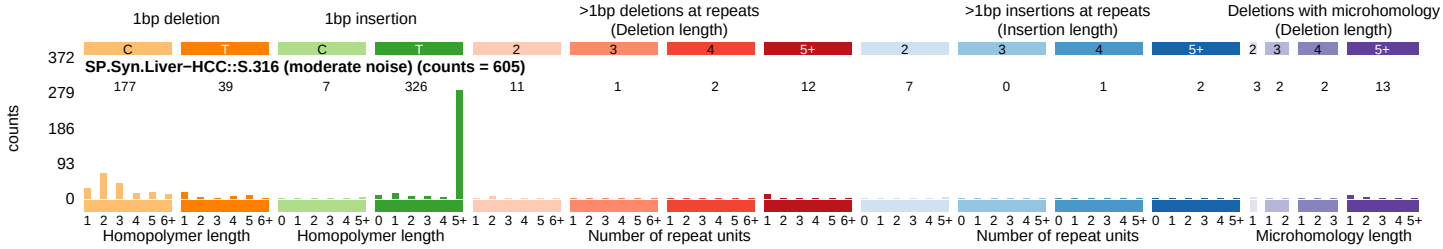
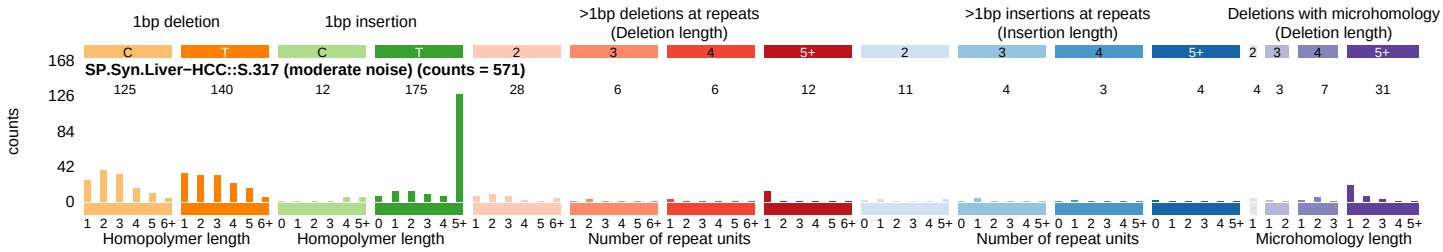
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.315 (moderate noise) (counts = 538)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.316 (moderate noise) (counts = 605)
counts
Homopolymer length
Number of repeat units
Microhomology length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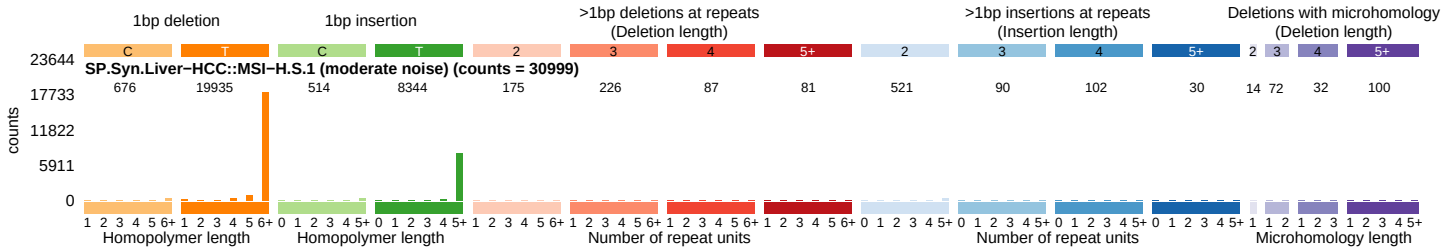
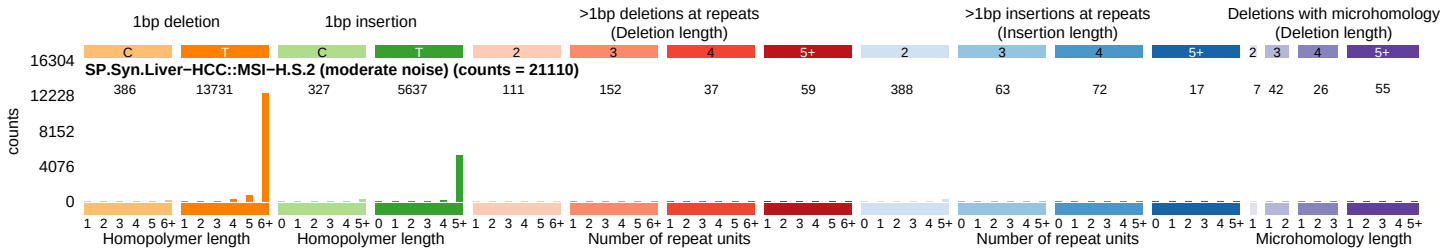
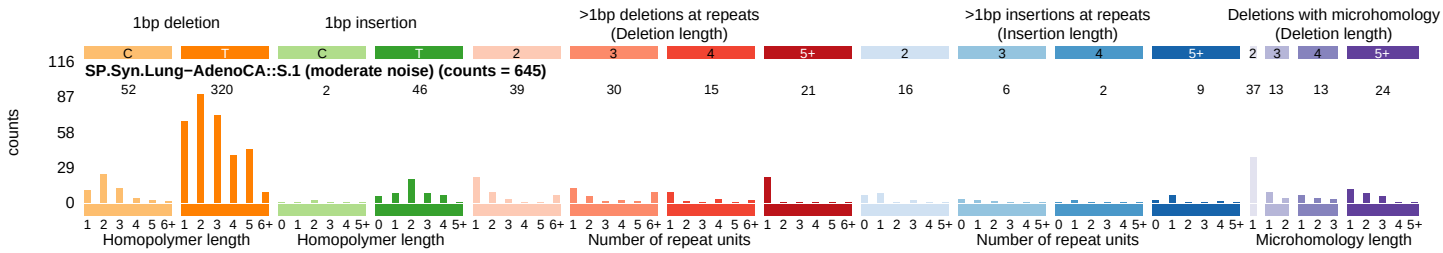
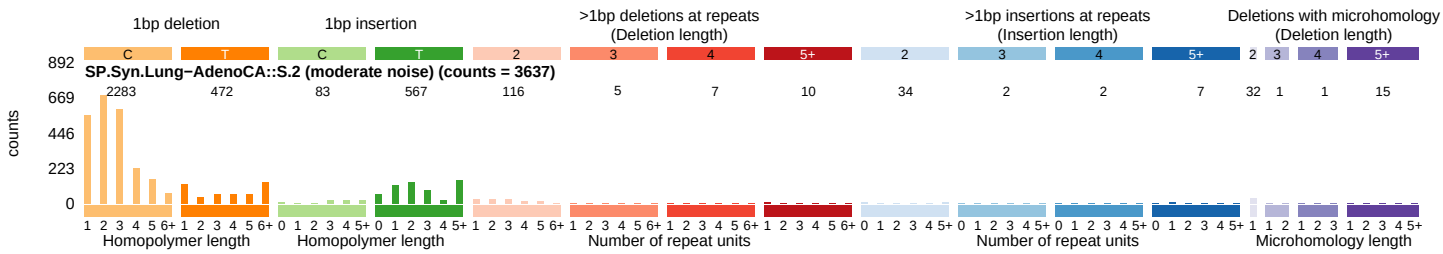
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::S.317 (moderate noise) (counts = 571)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Liver−HCC::MSI−H.S.1 (moderate noise) (counts = 30999)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp 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 (moderate noise) (counts = 21110)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (moderate noise) (counts = 645)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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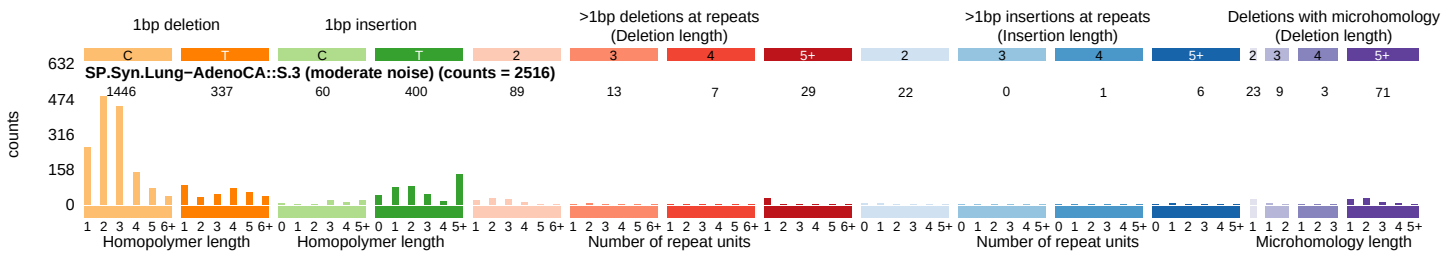
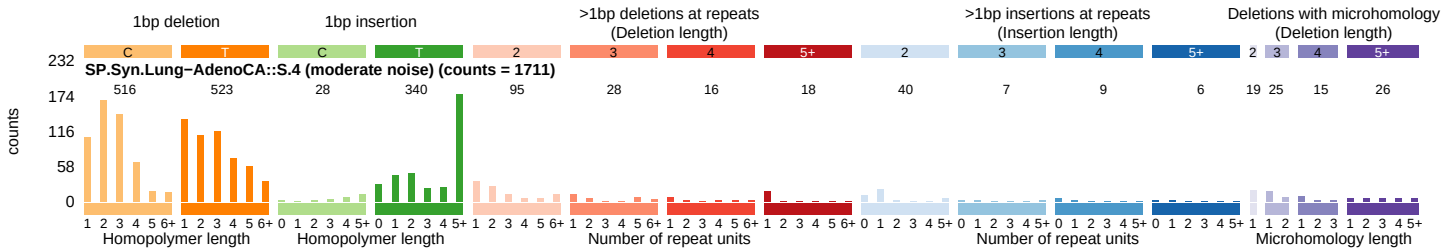
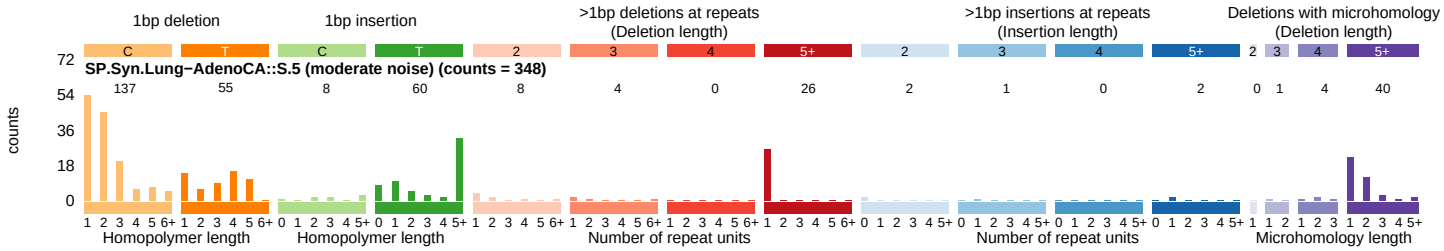
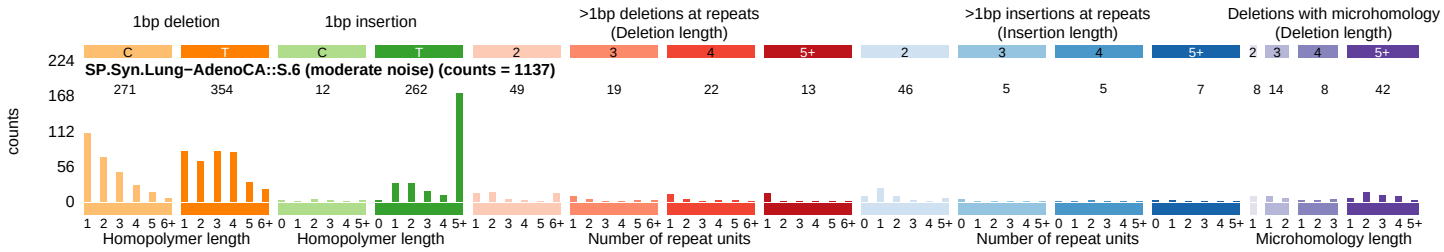
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.2 (moderate noise) (counts = 3637)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (moderate noise) (counts = 2516)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (moderate noise) (counts = 1711)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (moderate 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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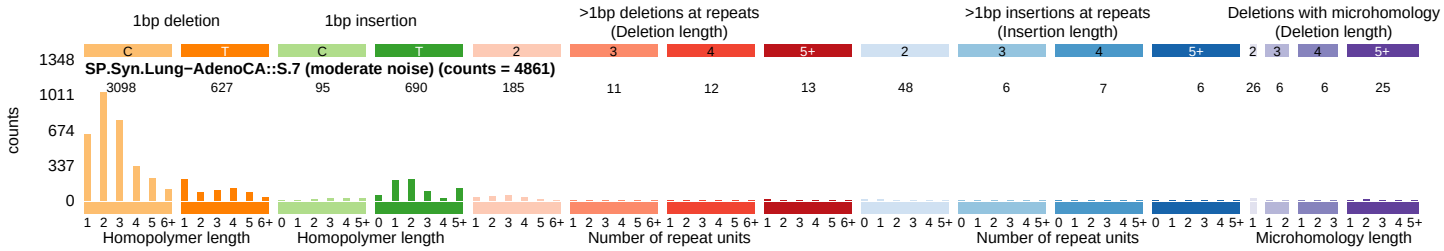
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.6 (moderate noise) (counts = 1137)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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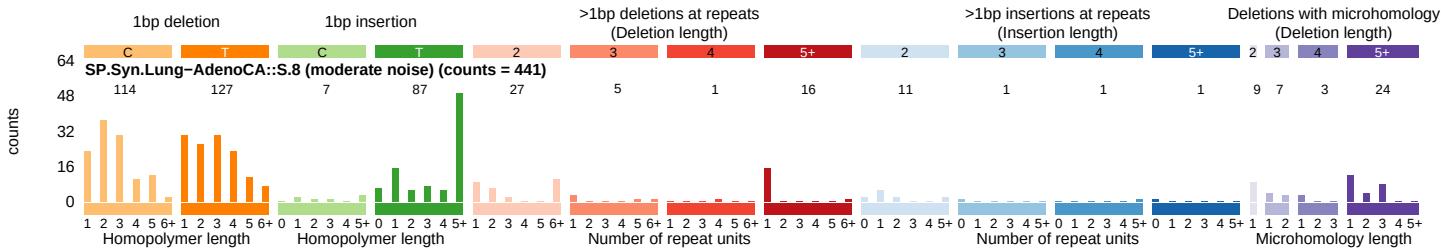
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.7 (moderate noise) (counts = 4861)
counts
Homopolymer length
Number of repeat units
Microhomology length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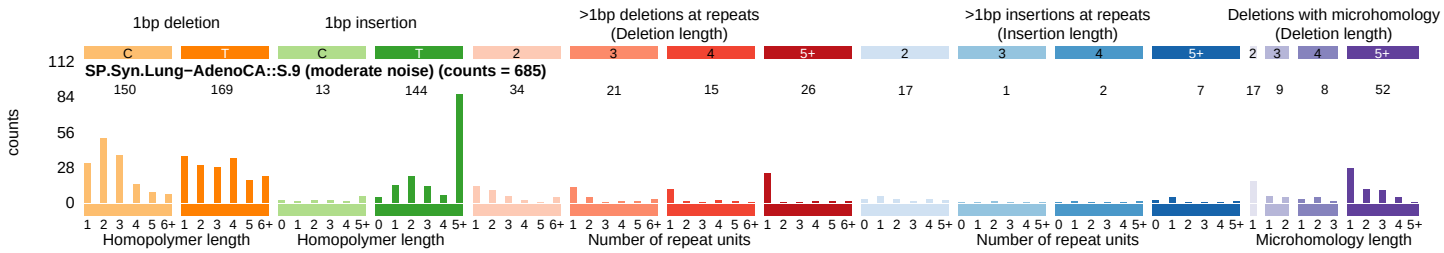
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.8 (moderate noise) (counts = 441)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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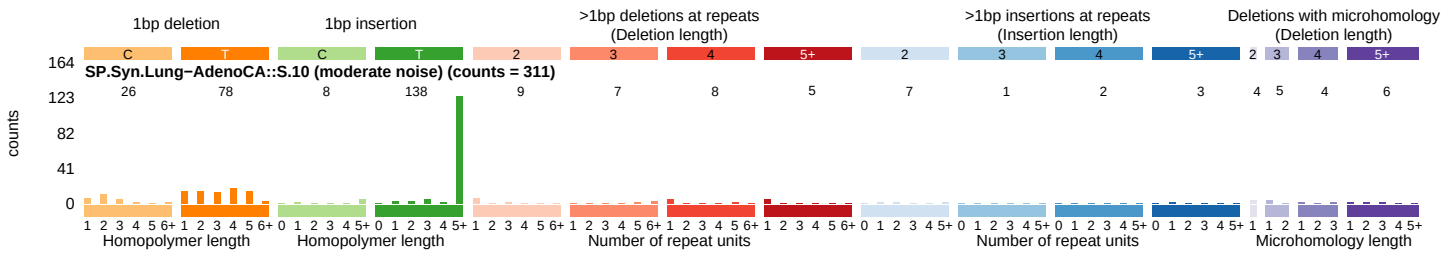
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.9 (moderate noise) (counts = 685)
counts
Homopolymer length
Number of repeat units
Microhomology length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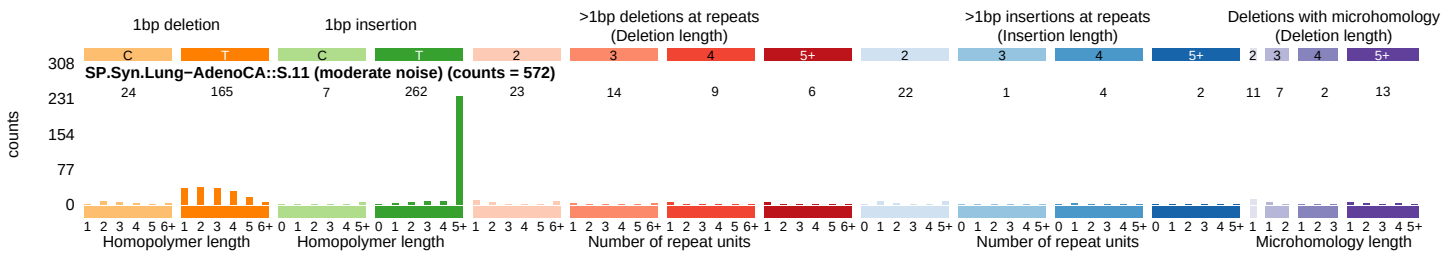
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.10 (moderate noise) (counts = 311)
counts
Homopolymer length
Number of repeat units
Microhomology length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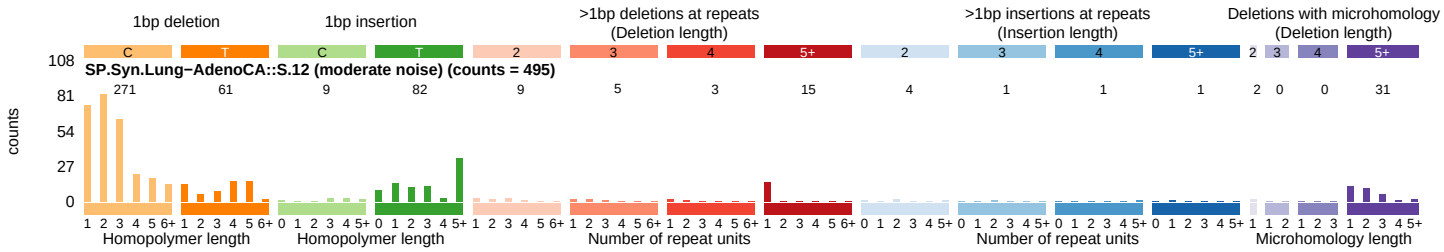
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.11 (moderate noise) (counts = 572)
counts
Homopolymer length
Number of repeat units
Microhomology length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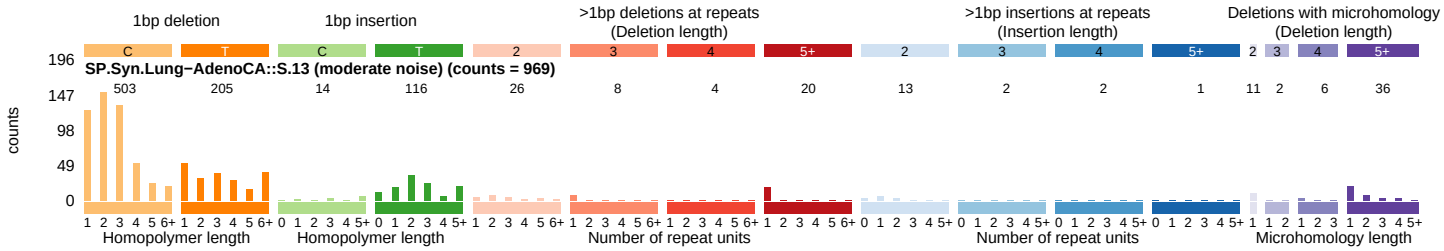
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.12 (moderate noise) (counts = 495)
271 61 9 82 9 5 3 15 4 1 1 1 2 0 0 31
counts
Homopolymer length
Number of repeat units
Microhomology length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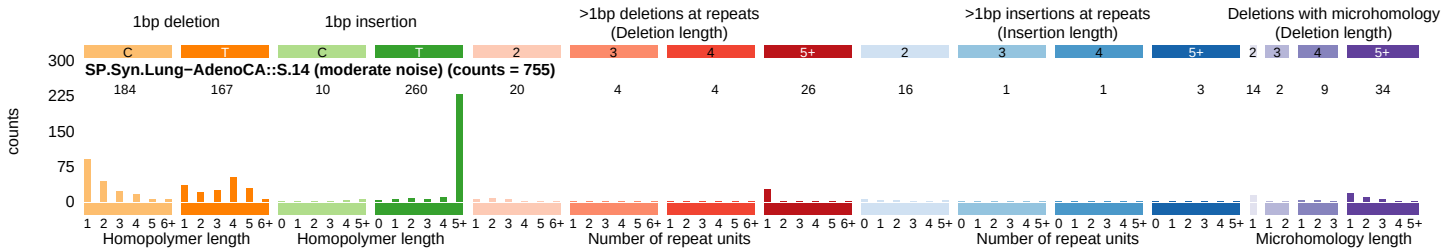
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.13 (moderate noise) (counts = 969)
503 205 14 116 26 8 4 20 13 2 2 1 11 2 6 36
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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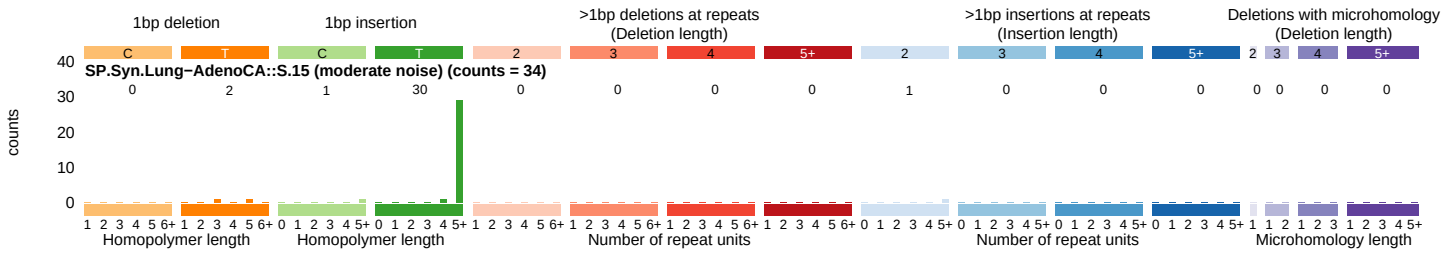
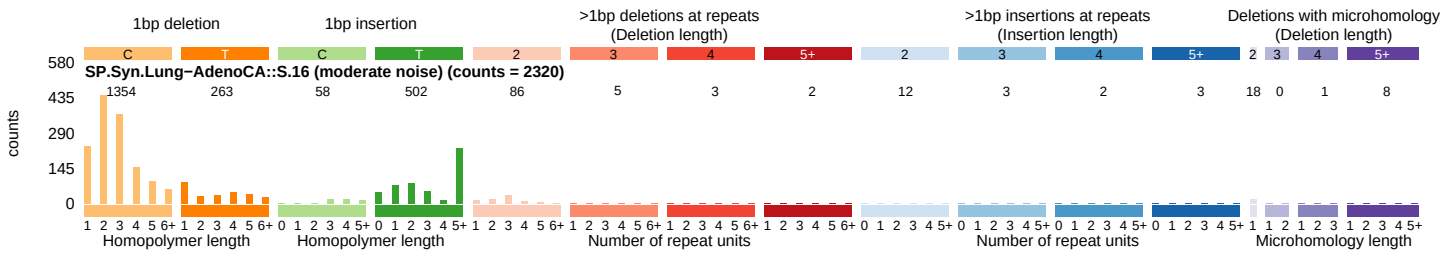
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.14 (moderate noise) (counts = 755)
184 167 10 260 20 4 4 26 16 1 1 3 14 2 9 34
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.15 (moderate noise) (counts = 34)
0 2 1 30 0 0 0 0 1 0 0 0 0 0 0 0
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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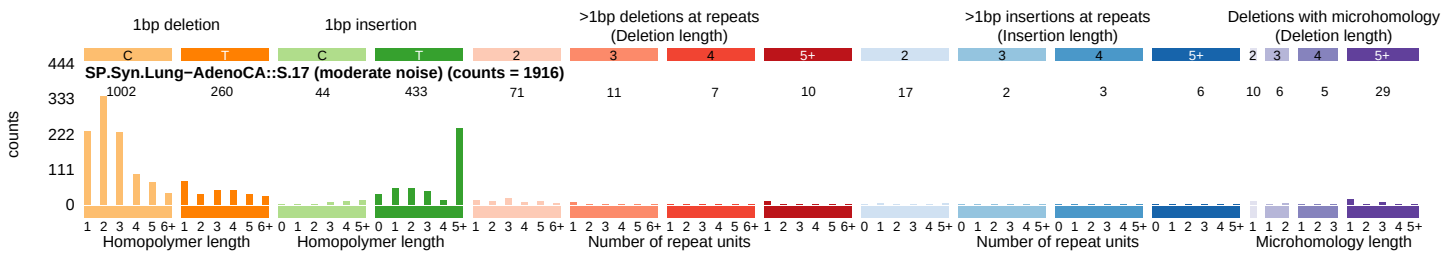
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.16 (moderate noise) (counts = 2320)
1354 263 58 502 86 5 3 2 12 3 2 3 18 0 1 8
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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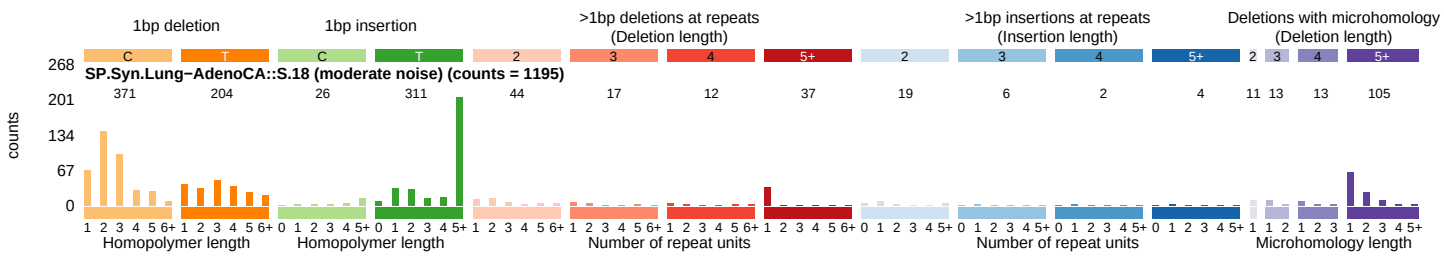
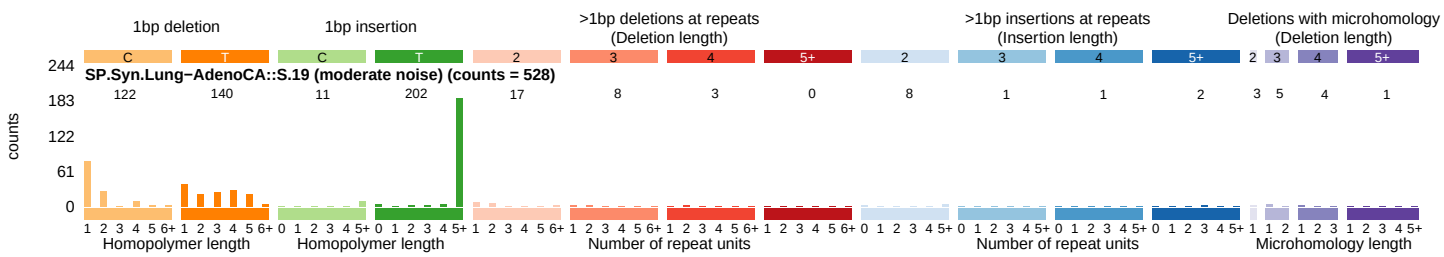
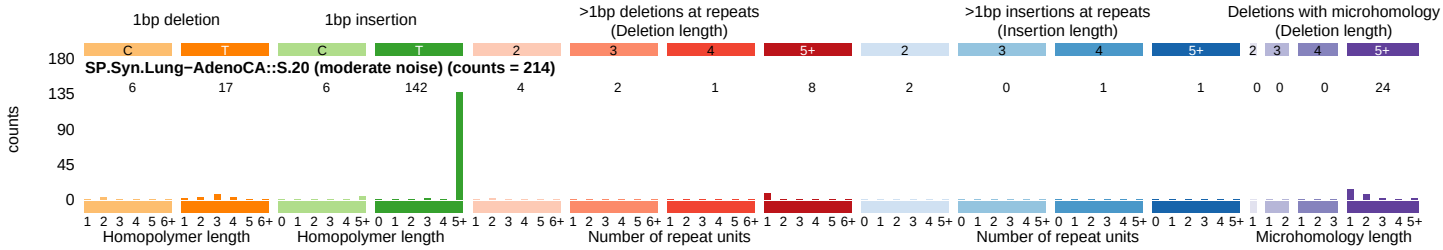
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.17 (moderate noise) (counts = 1916)
1002 260 44 433 71 11 7 10 17 2 3 6 10 6 5 29
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.18 (moderate noise) (counts = 1195)
371 204 26 311 44 17 12 37 19 6 2 4 11 13 13 105
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)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.19 (moderate noise) (counts = 528)
122 140 11 202 17 8 3 0 8 1 1 2 3 5 4 1
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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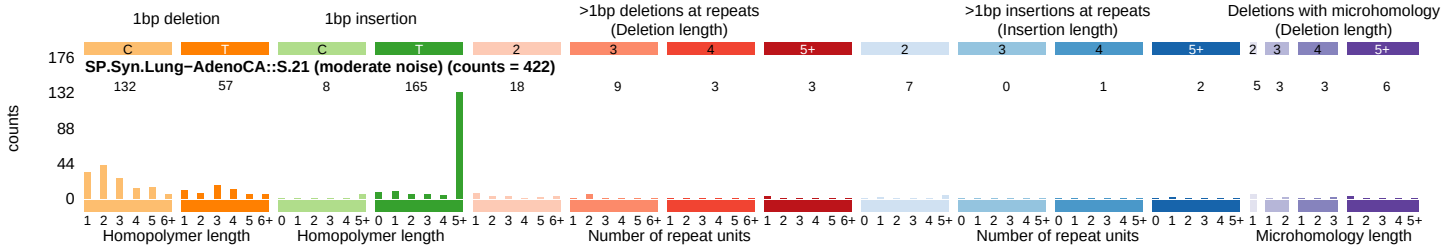
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.20 (moderate noise) (counts = 214)
6 17 6 142 4 2 1 8 2 0 1 1 0 0 0 24
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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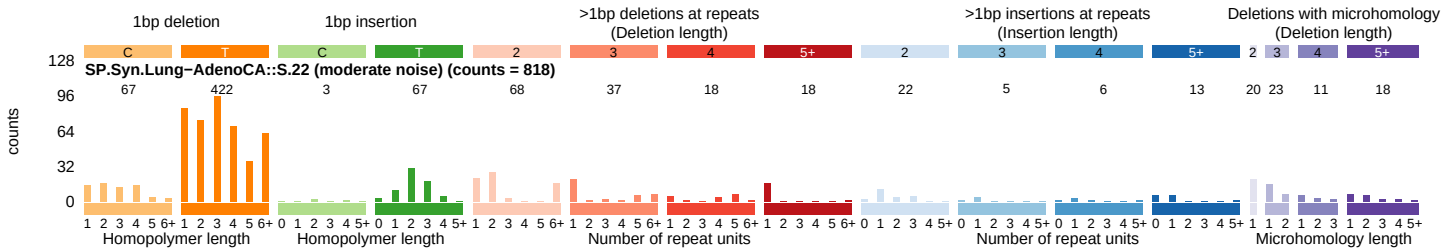
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.21 (moderate noise) (counts = 422)
132 57 8 165 18 9 3 3 7 0 1 2 5 3 3 6
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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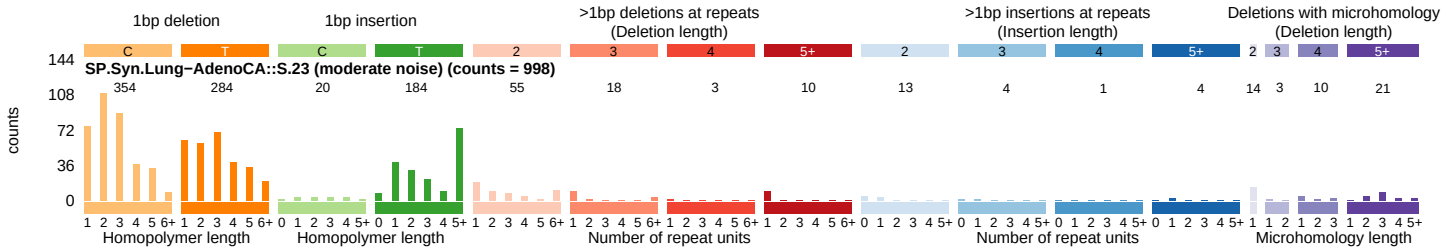
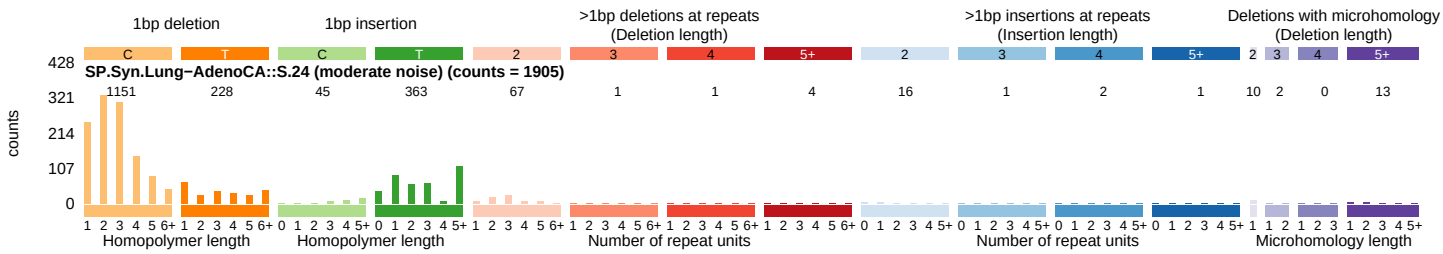
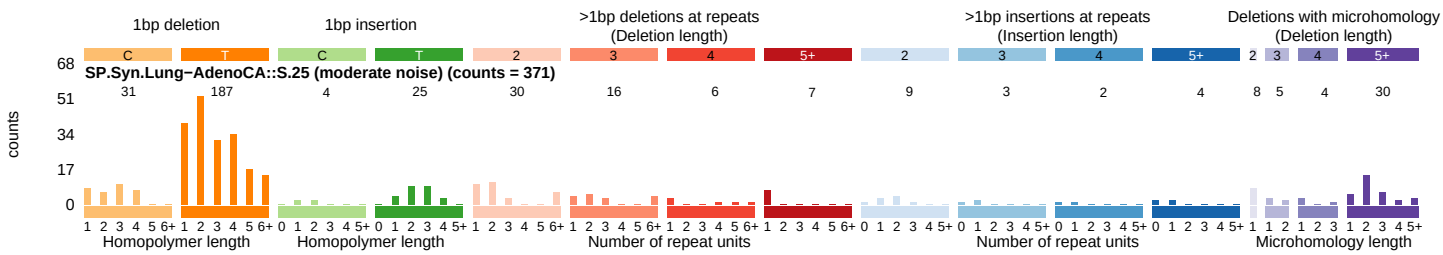
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.22 (moderate noise) (counts = 818)
67 422 3 67 68 37 18 18 22 5 6 13 20 23 11 18
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.23 (moderate noise) (counts = 998)
354 284 20 184 55 18 3 10 13 4 1 4 14 3 10 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.Lung−AdenoCA::S.24 (moderate noise) (counts = 1905)
1151 228 45 363 67 1 1 4 16 1 2 1 10 2 0 13
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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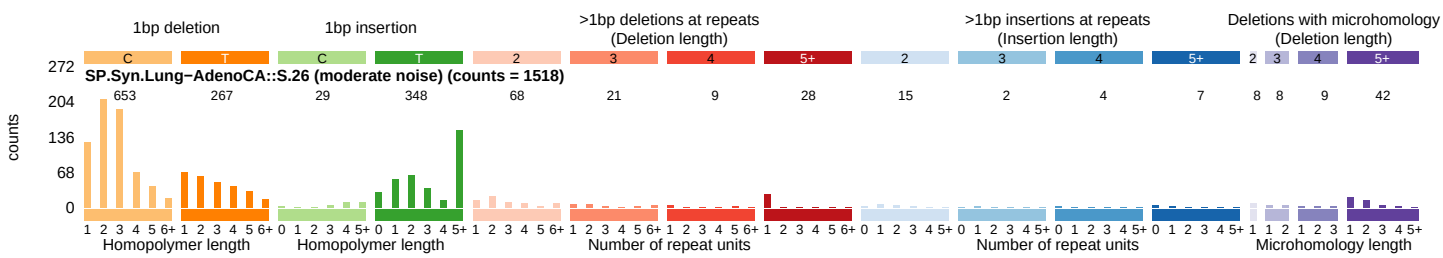
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.25 (moderate noise) (counts = 371)
31 187 4 25 30 16 6 7 9 3 2 4 8 5 4 30
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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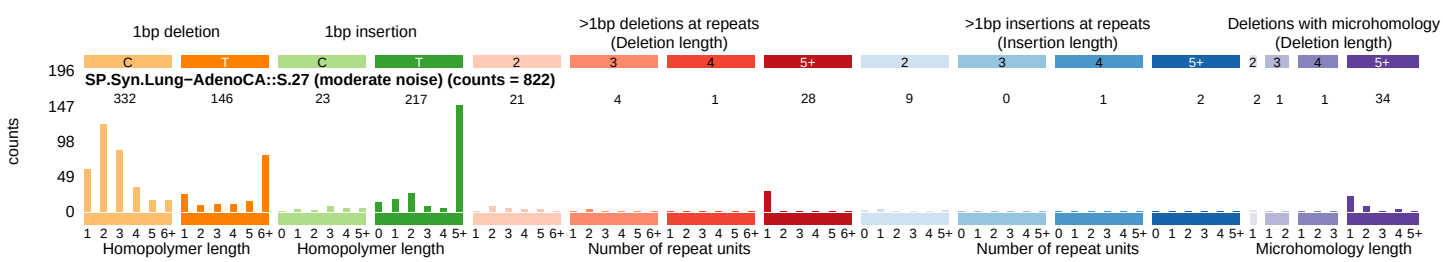
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.26 (moderate noise) (counts = 1518)
653 267 29 348 68 21 9 28 15 2 4 7 8 8 9 42
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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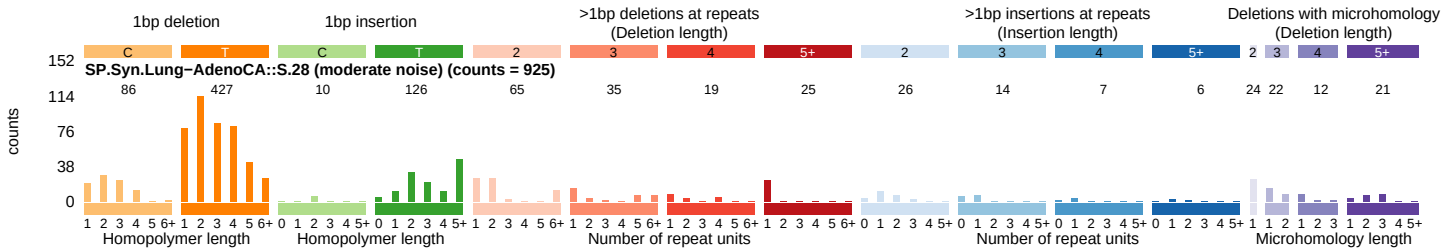
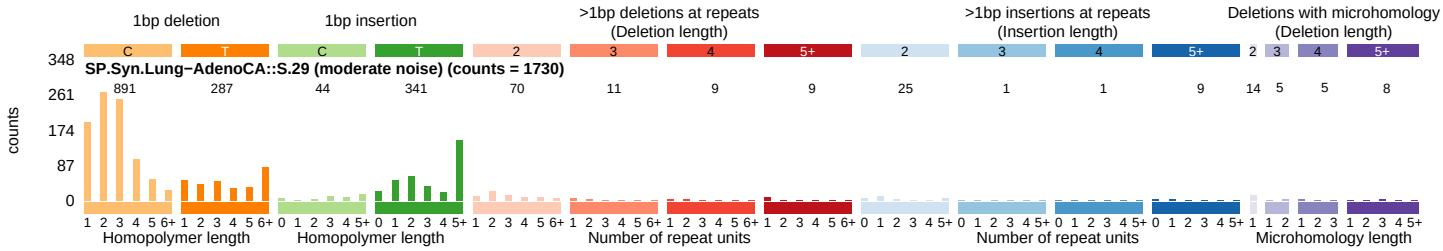
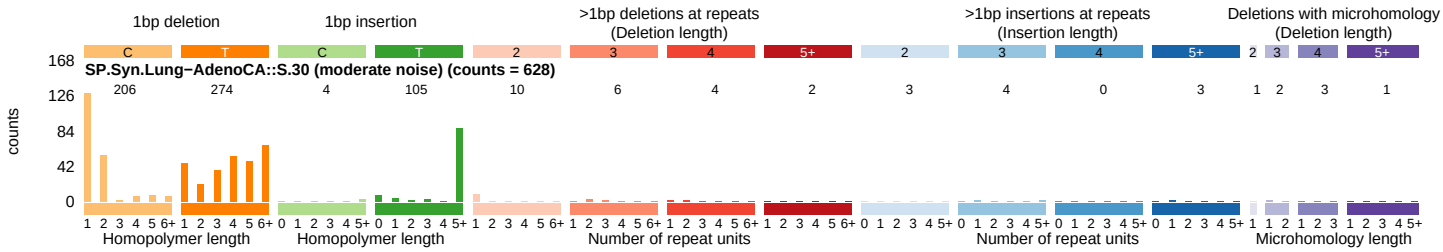
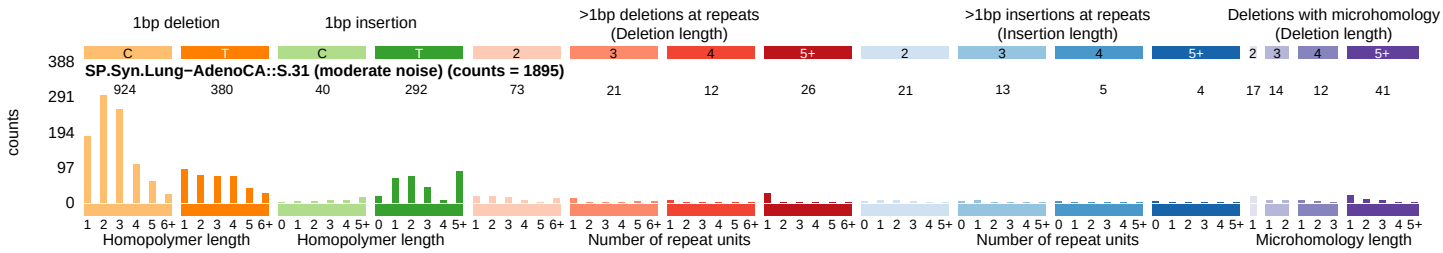
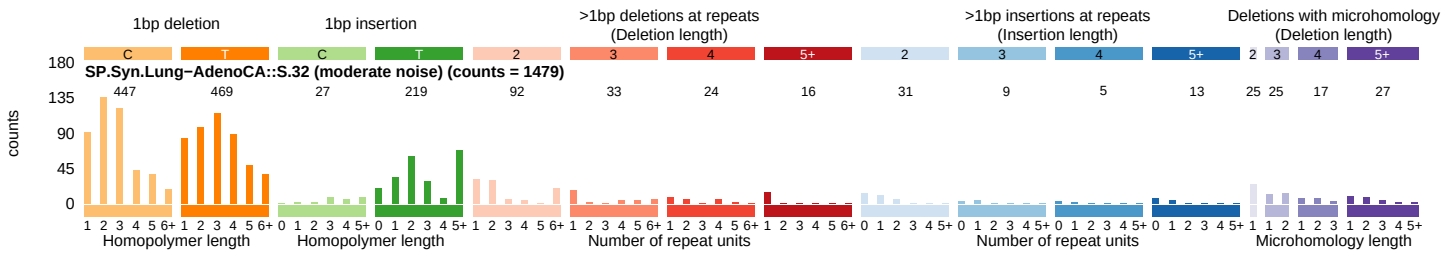
Deletions with microhomology (Deletion length)
SP.Syn.Lung−AdenoCA::S.27 (moderate noise) (counts = 822)
332 146 23 217 21 4 1 28 9 0 1 2 2 1 1 34
counts
Homopolymer length
Number of repeat units
Microhomology length

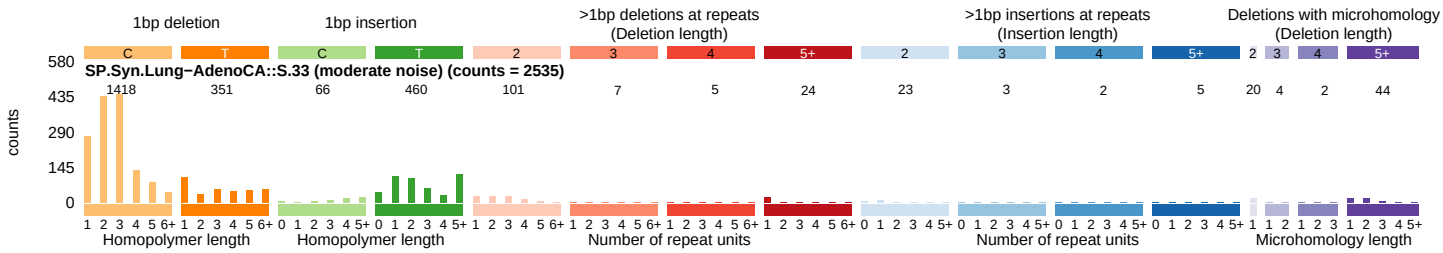

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.28 (moderate noise) (counts = 925)
86 427 10 126 65 35 19 25 26 14 7 6 24 22 12 21
counts
152 114 76 38 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

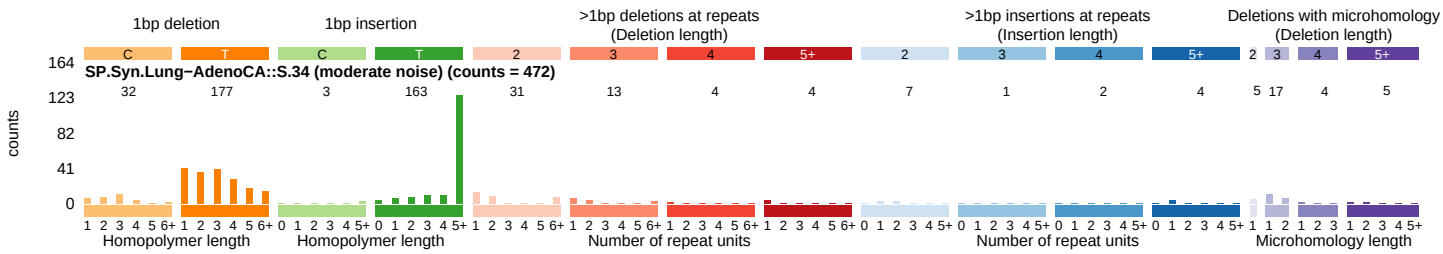

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.29 (moderate noise) (counts = 1730)
891 287 44 341 70 11 9 9 25 1 1 9 14 5 5 8
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.Lung−AdenoCA::S.30 (moderate noise) (counts = 628)
206 274 4 105 10 6 4 2 3 4 0 3 1 2 3 1
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.Lung−AdenoCA::S.31 (moderate noise) (counts = 1895)
924 380 40 292 73 21 12 26 21 13 5 4 17 14 12 41
counts
388 291 194 97 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.32 (moderate noise) (counts = 1479)
447 469 27 219 92 33 24 16 31 9 5 13 25 25 17 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


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.33 (moderate noise) (counts = 2535)
1418 351 66 460 101 7 5 24 23 3 2 5 20 4 2 44
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
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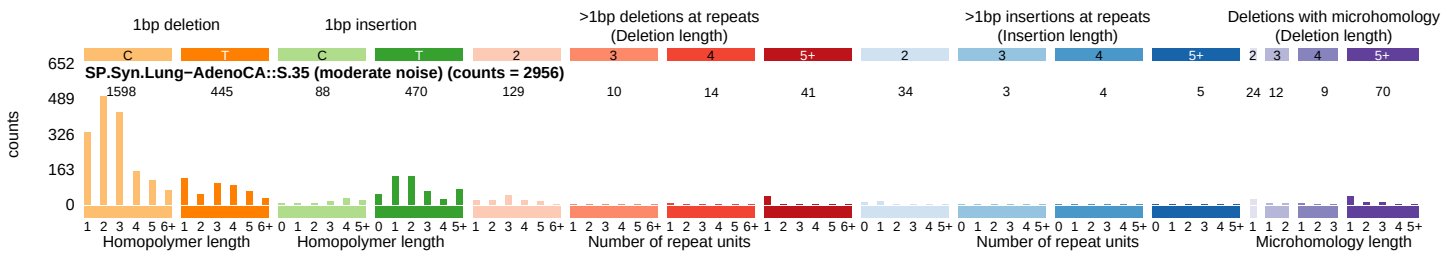
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.34 (moderate noise) (counts = 472)
32 177 3 163 31 13 4 4 7 1 2 4 5 17 4 5
counts
164 123 82 41 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 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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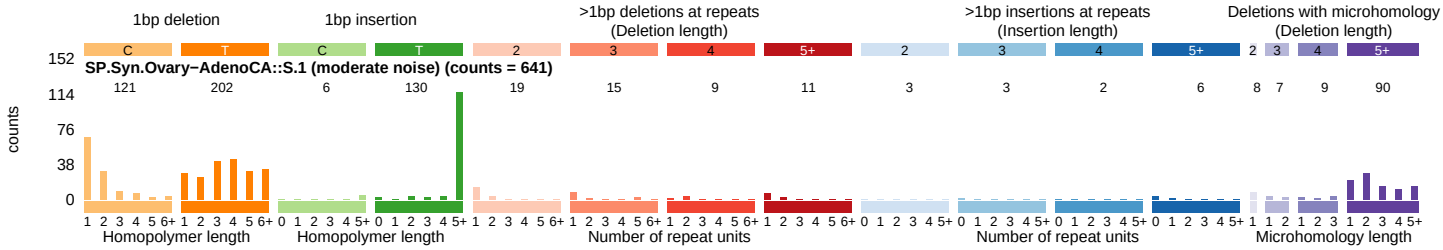
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Lung−AdenoCA::S.35 (moderate noise) (counts = 2956)
1598 445 88 470 129 10 14 41 34 3 4 5 24 12 9 70
counts
652 489 326 163 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 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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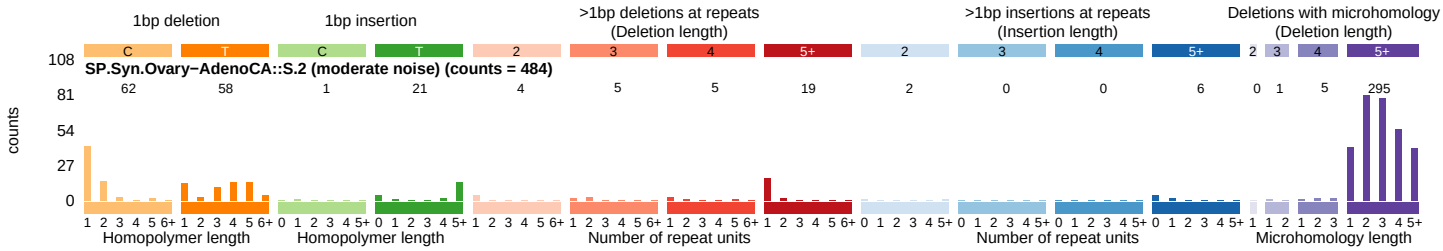
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.1 (moderate noise) (counts = 641)
121 202 6 130 19 15 9 11 3 3 2 6 8 7 9 90
counts
Homopolymer length
Number of repeat units
Microhomology length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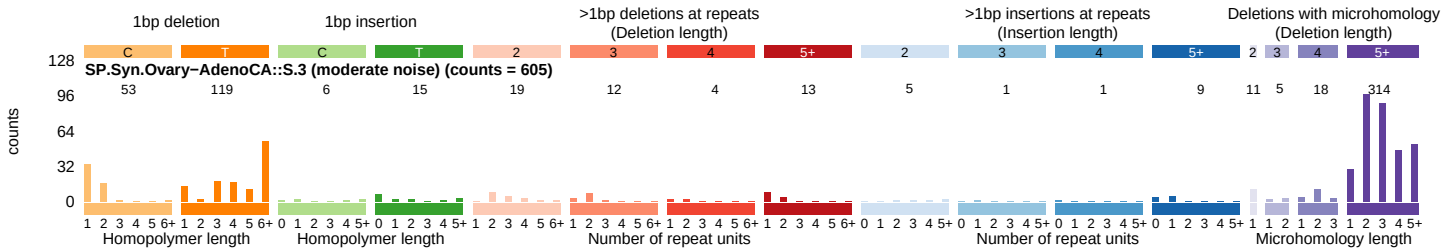
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.2 (moderate noise) (counts = 484)
62 58 1 21 4 5 5 19 2 0 0 6 0 1 5 295
counts
Homopolymer length
Number of repeat units
Microhomology length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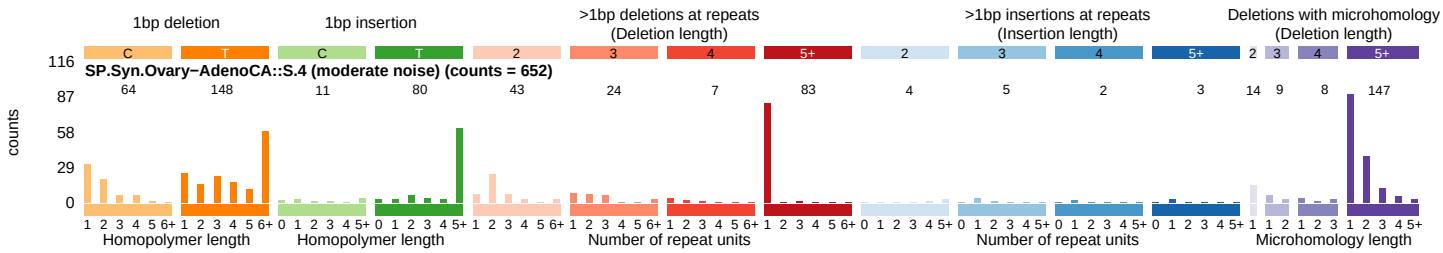
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.3 (moderate noise) (counts = 605)
53 119 6 15 19 12 4 13 5 1 1 9 11 5 18 314
counts
Homopolymer length
Number of repeat units
Microhomology length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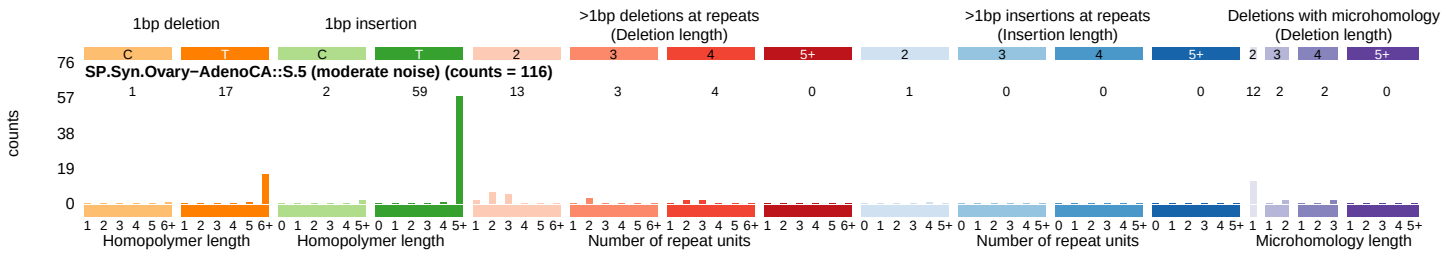
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.4 (moderate noise) (counts = 652)
64 148 11 80 43 24 7 83 4 5 2 3 14 9 8 147
counts
Homopolymer length
Number of repeat units
Microhomology length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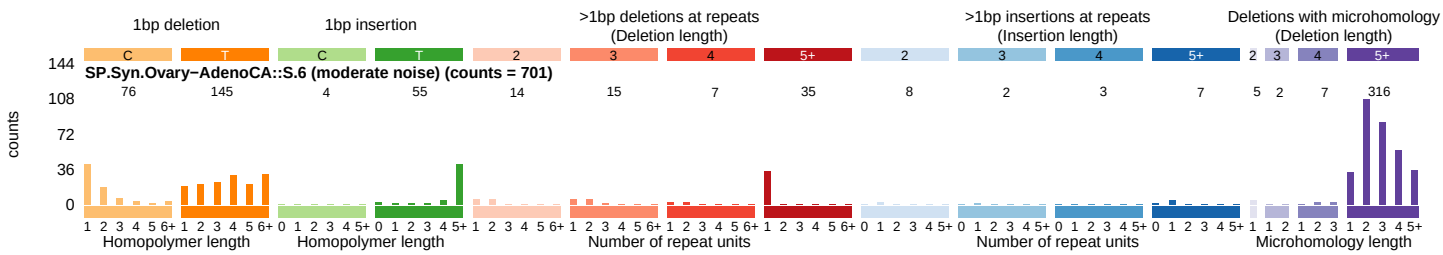
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.5 (moderate noise) (counts = 116)
1 17 2 59 13 3 4 0 1 0 0 0 12 2 2 0
counts
Homopolymer length
Number of repeat units
Microhomology length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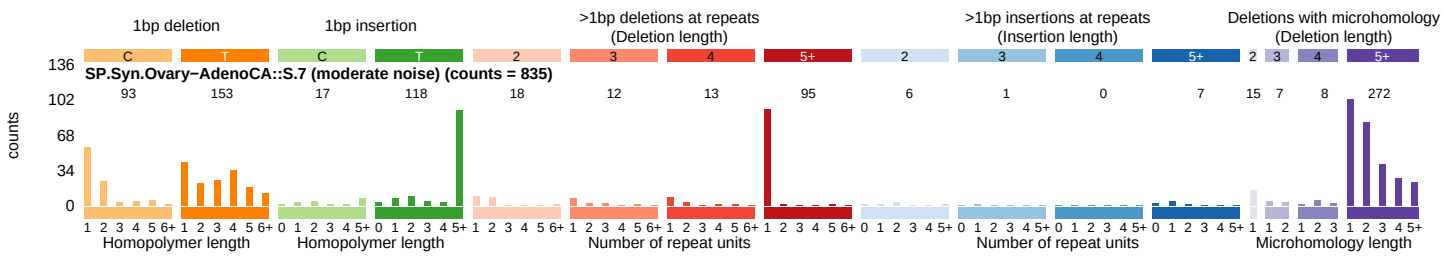
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.6 (moderate noise) (counts = 701)
76 145 4 55 14 15 7 35 8 2 3 7 5 2 7 316
counts
Homopolymer length
Number of repeat units
Microhomology length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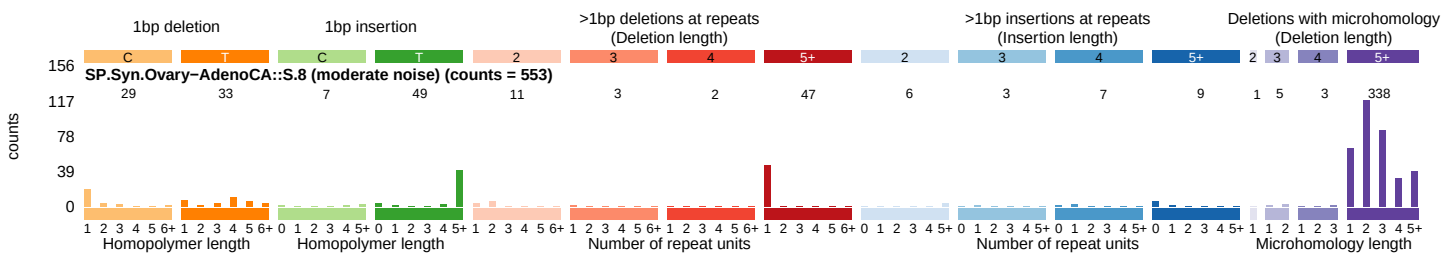
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.7 (moderate noise) (counts = 835)
93 153 17 118 18 12 13 95 6 1 0 7 15 7 8 272
counts
Homopolymer length
Number of repeat units
Microhomology length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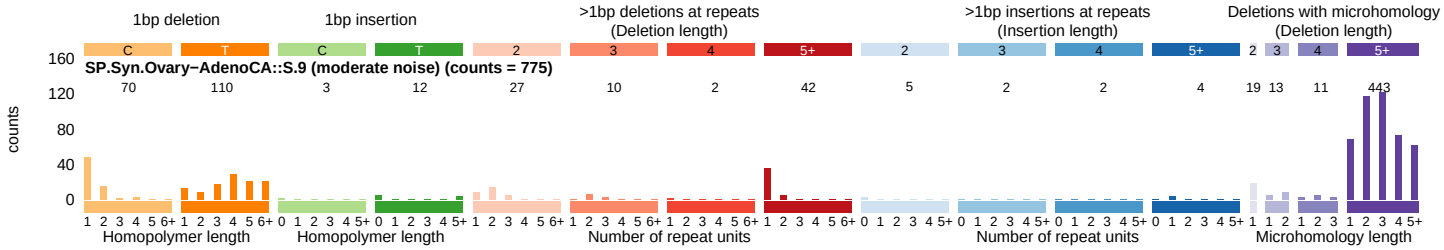
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.8 (moderate noise) (counts = 553)
29 33 7 49 11 3 2 47 6 3 7 9 1 5 3 338
counts
Homopolymer length
Number of repeat units
Microhomology length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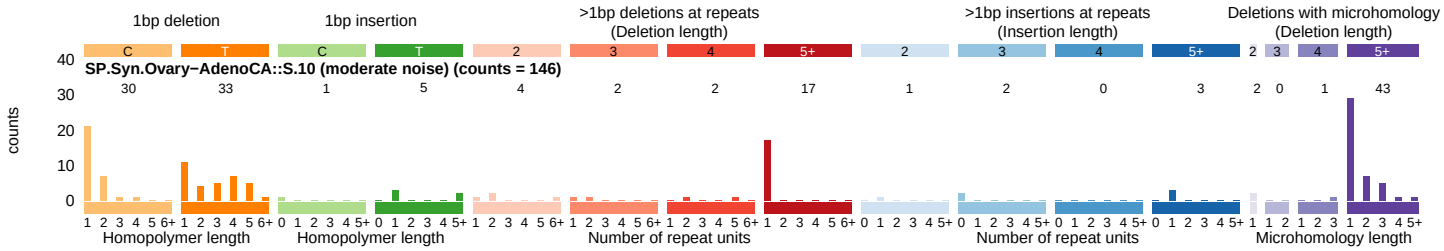
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.9 (moderate noise) (counts = 775)
70 110 3 12 27 10 2 42 5 2 2 4 19 13 11 443
counts
Homopolymer length
Number of repeat units
Microhomology length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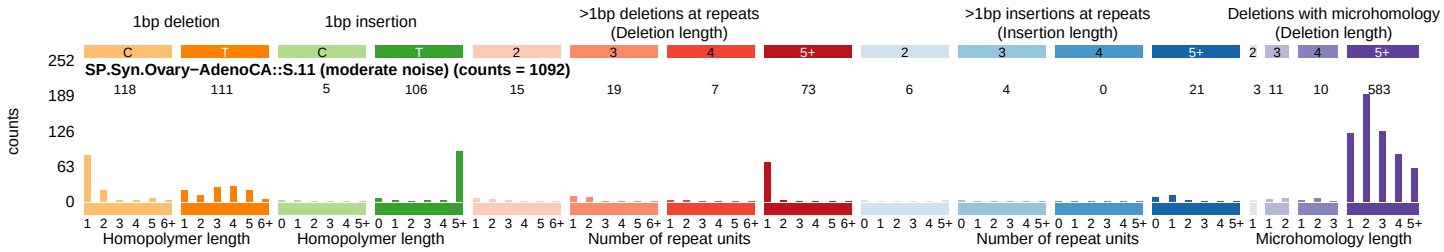
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.10 (moderate noise) (counts = 146)
30 33 1 5 4 2 2 17 1 2 0 3 2 0 1 43
counts
Homopolymer length
Number of repeat units
Microhomology length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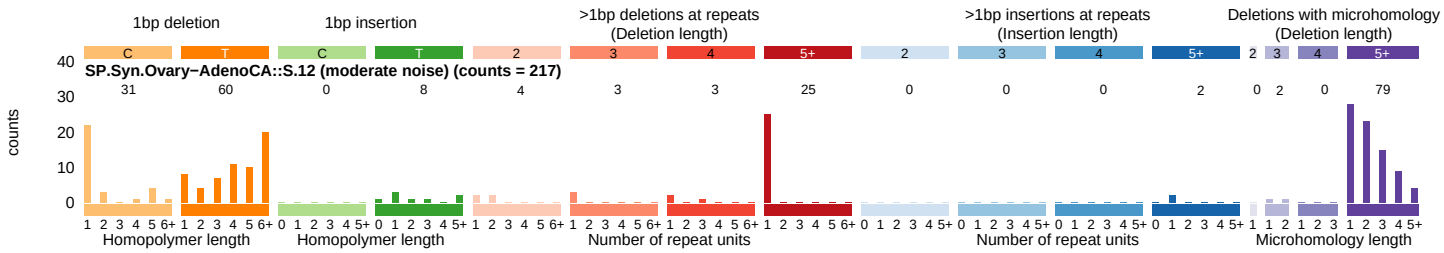
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.11 (moderate noise) (counts = 1092)
118 111 5 106 15 19 7 73 6 4 0 21 3 11 10 583
counts
Homopolymer length
Number of repeat units
Microhomology length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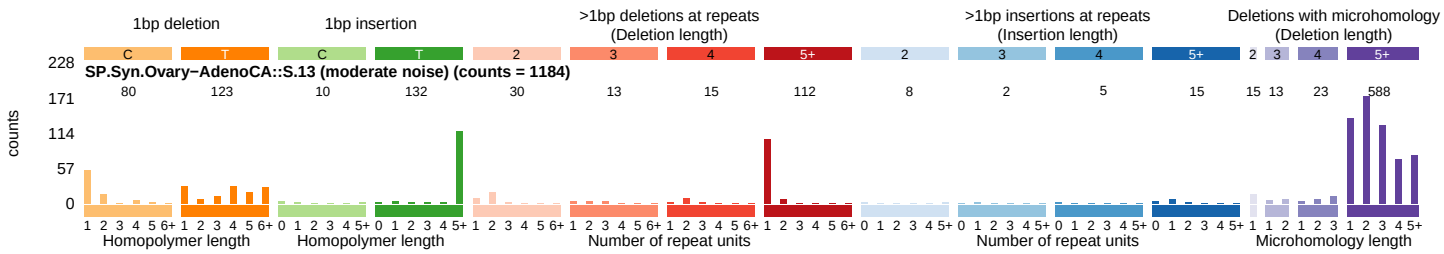
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.12 (moderate noise) (counts = 217)
31 60 0 8 4 3 3 25 0 0 0 2 0 2 0 79
counts
Homopolymer length
Number of repeat units
Microhomology length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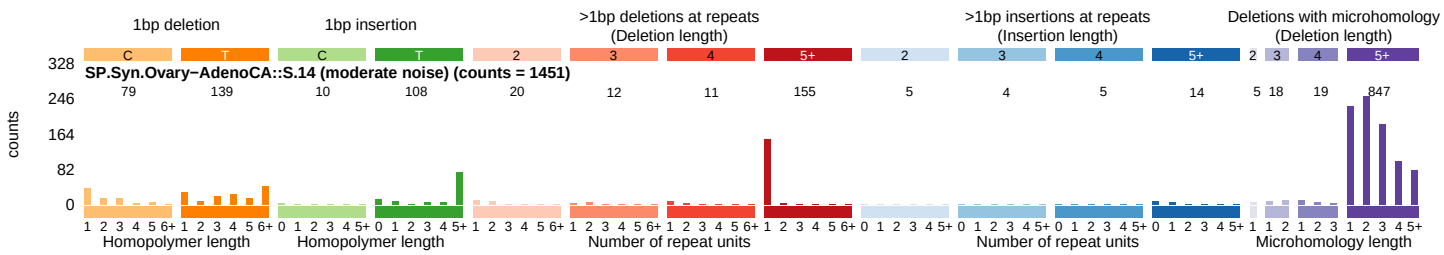
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.13 (moderate noise) (counts = 1184)
80 123 10 132 30 13 15 112 8 2 5 15 15 13 23 588
counts
Homopolymer length
Number of repeat units
Microhomology length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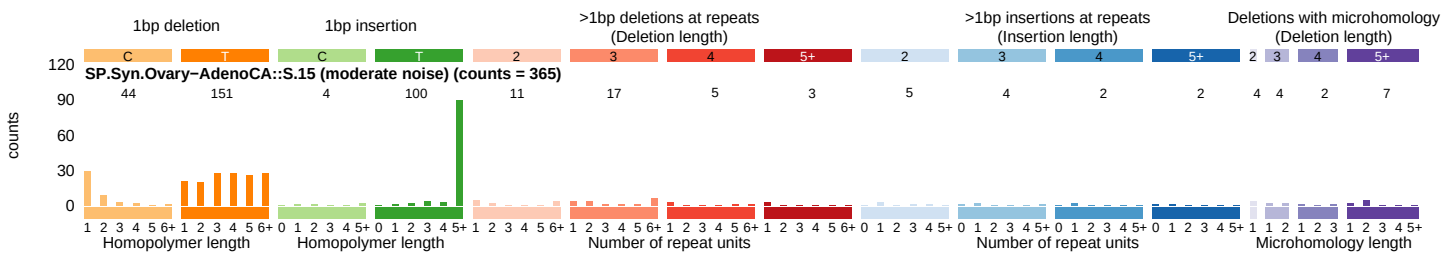
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.14 (moderate noise) (counts = 1451)
79 139 10 108 20 12 11 155 5 4 5 14 5 18 19 847
counts
Homopolymer length
Number of repeat units
Microhomology length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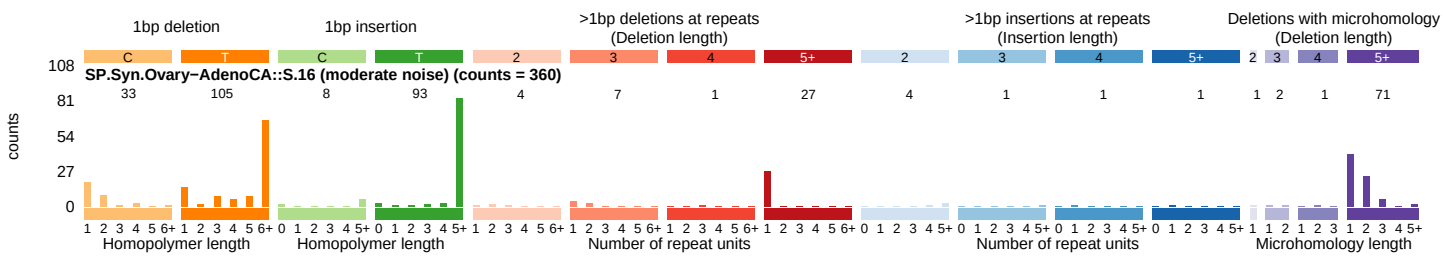
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.15 (moderate noise) (counts = 365)
44 151 4 100 11 17 5 3 5 4 2 2 4 4 2 7
counts
Homopolymer length
Number of repeat units
Microhomology length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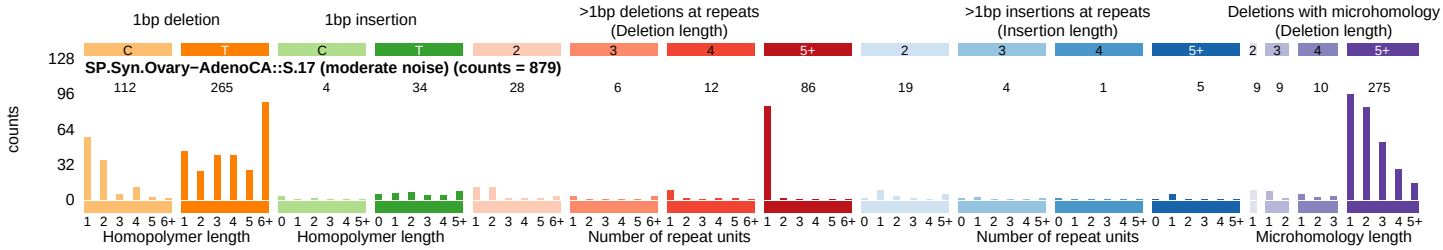
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.16 (moderate noise) (counts = 360)
33 105 8 93 4 7 1 27 4 1 1 1 1 2 1 71
counts
Homopolymer length
Number of repeat units
Microhomology length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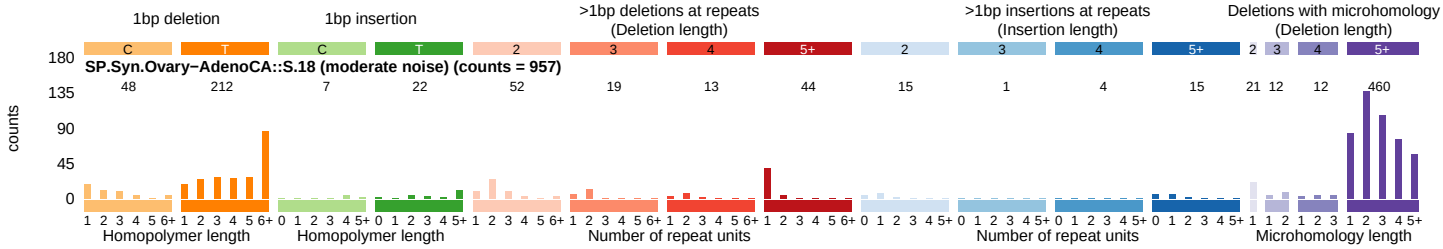
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.17 (moderate noise) (counts = 879)
112 265 4 34 28 6 12 86 19 4 1 5 9 9 10 275
counts
Homopolymer length
Number of repeat units
Microhomology length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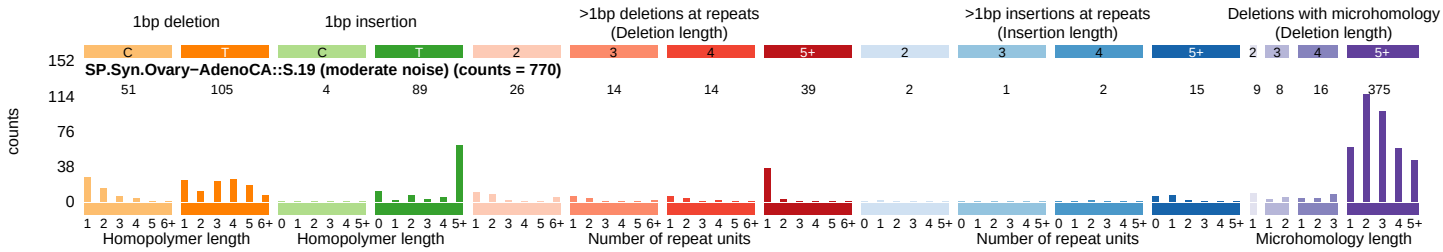
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.18 (moderate noise) (counts = 957)
48 212 7 22 52 19 13 44 15 1 4 15 21 12 12 460
counts
Homopolymer length
Number of repeat units
Microhomology length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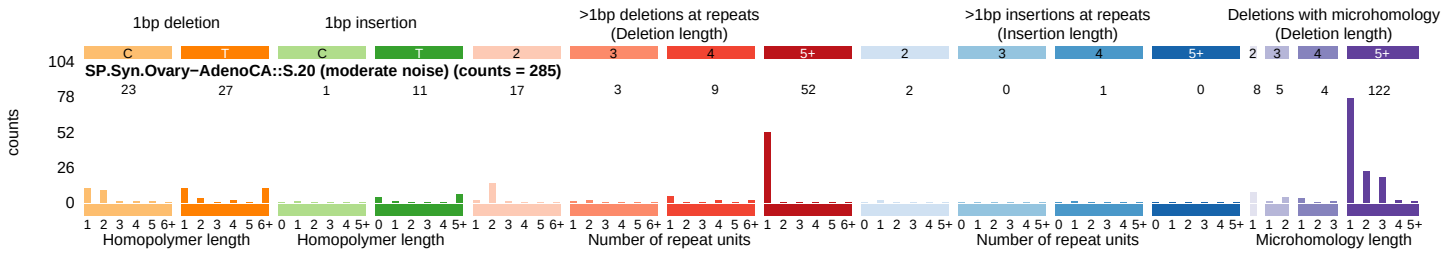
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.19 (moderate noise) (counts = 770)
51 105 4 89 26 14 14 39 2 1 2 15 9 8 16 375
counts
Homopolymer length
Number of repeat units
Microhomology length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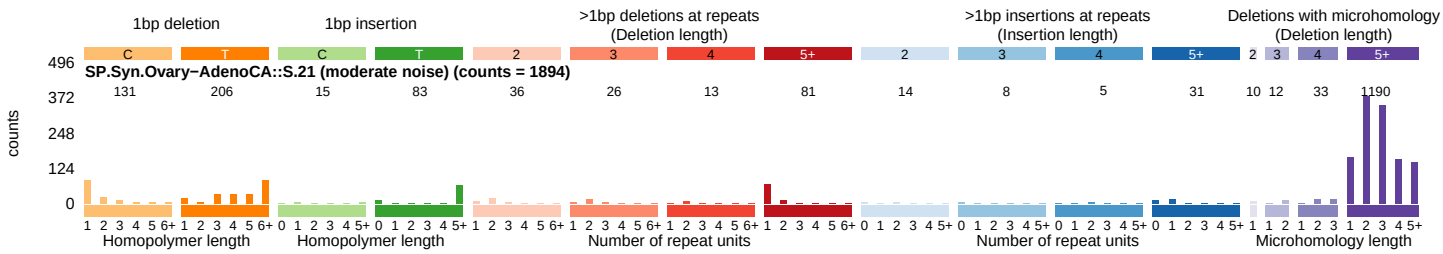
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.20 (moderate noise) (counts = 285)
23 27 1 11 17 3 9 52 2 0 1 0 8 5 4 122
counts
Homopolymer length
Number of repeat units
Microhomology length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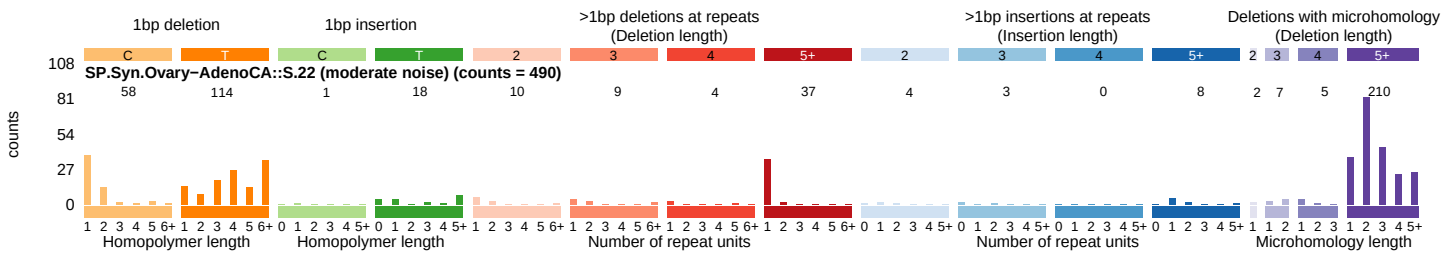
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.21 (moderate noise) (counts = 1894)
131 206 15 83 36 26 13 81 14 8 5 31 10 12 33 1190
counts
Homopolymer length
Number of repeat units
Microhomology length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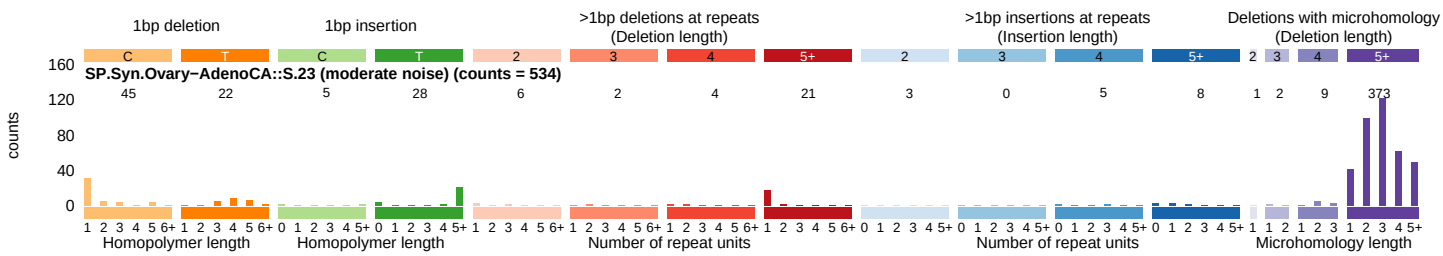
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.22 (moderate noise) (counts = 490)
58 114 1 18 10 9 4 37 4 3 0 8 2 7 5 210
counts
Homopolymer length
Number of repeat units
Microhomology length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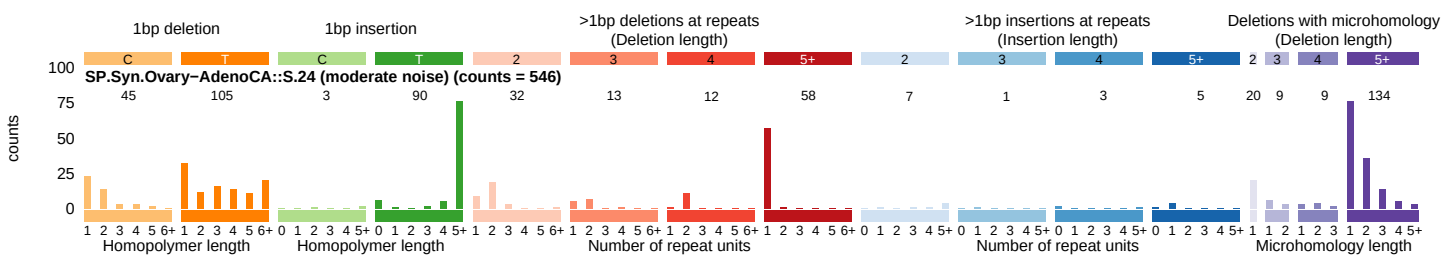
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.23 (moderate noise) (counts = 534)
45 22 5 28 6 2 4 21 3 0 5 8 1 2 9 373
counts
Homopolymer length
Number of repeat units
Microhomology length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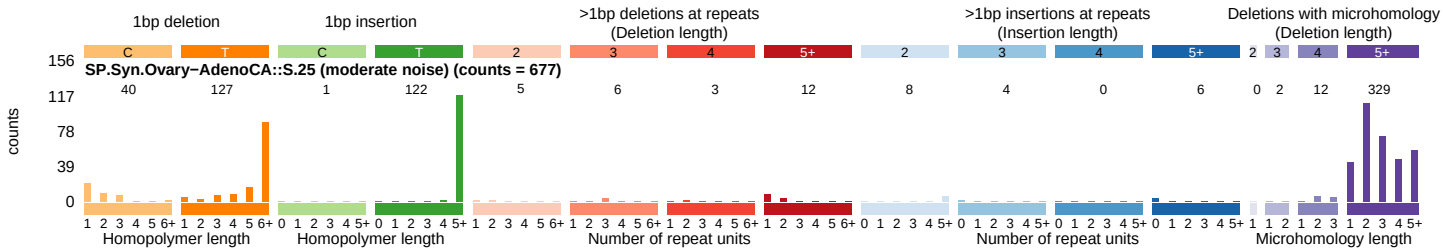
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.24 (moderate noise) (counts = 546)
45 105 3 90 32 13 12 58 7 1 3 5 20 9 9 134
counts
Homopolymer length
Number of repeat units
Microhomology length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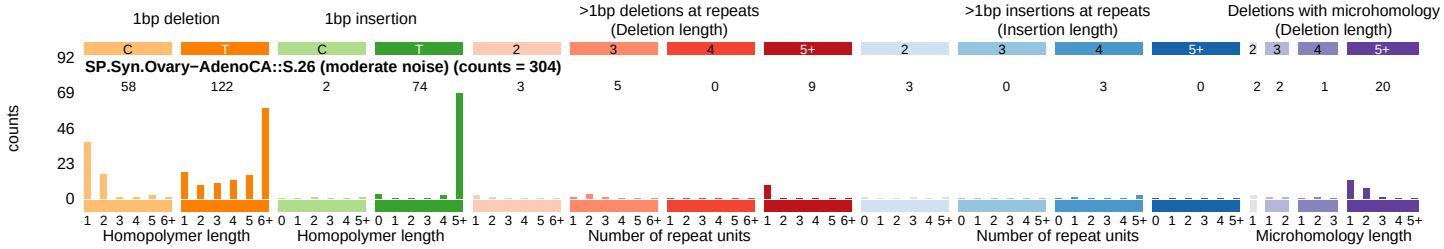
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.25 (moderate noise) (counts = 677)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
40 127 1 122 5 6 3 12 8 4 0 6 0 2 12 329
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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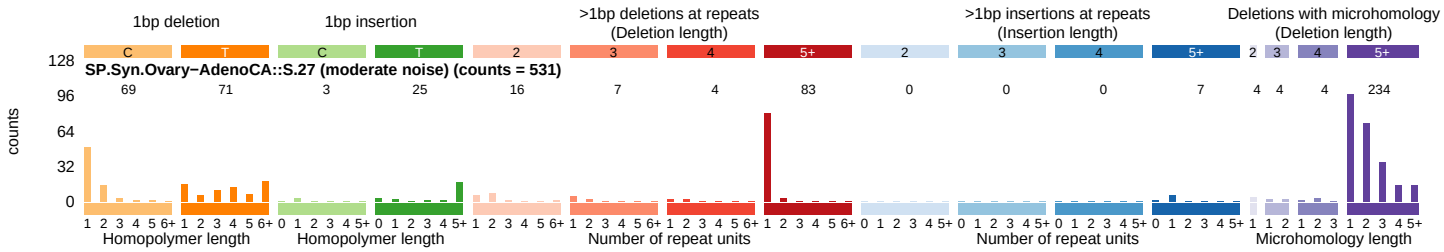
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.26 (moderate noise) (counts = 304)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
58 122 2 74 3 5 0 9 3 0 3 0 2 2 1 20
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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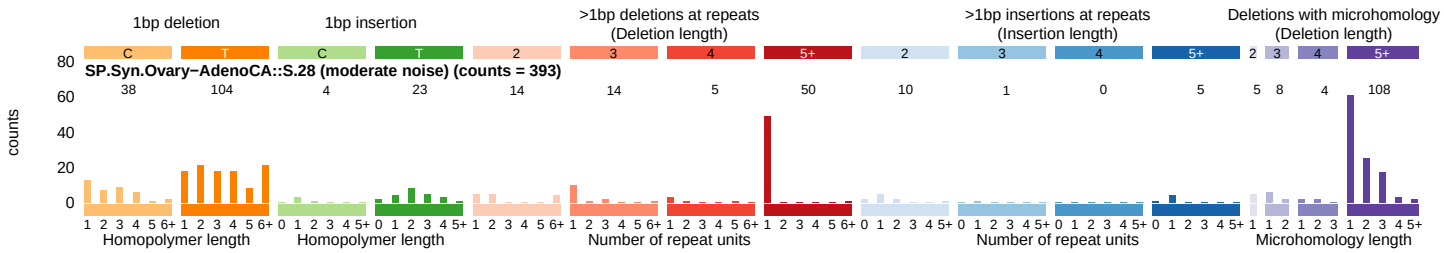
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.27 (moderate noise) (counts = 531)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
69 71 3 25 16 7 4 83 0 0 0 7 4 4 4 234
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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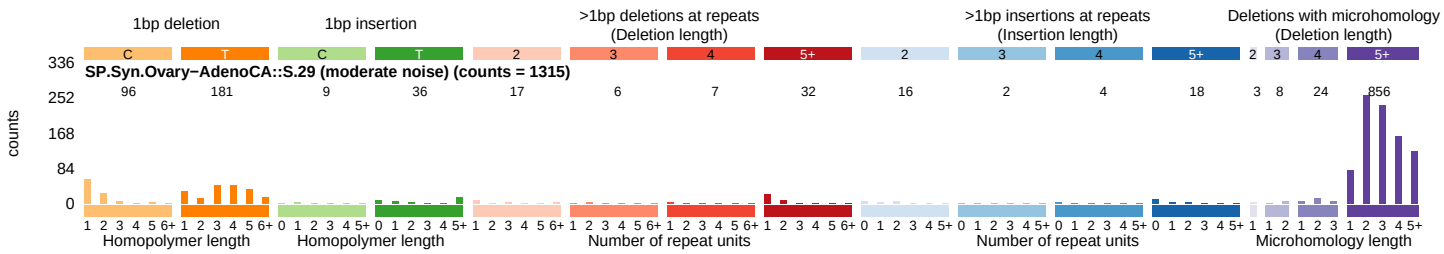
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.28 (moderate noise) (counts = 393)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
38 104 4 23 14 14 5 50 10 1 0 5 5 8 4 108
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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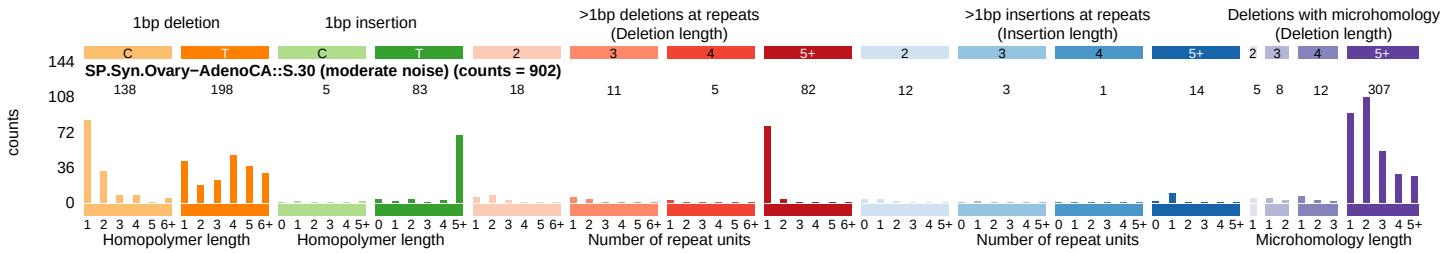
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.29 (moderate noise) (counts = 1315)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
96 181 9 36 17 6 7 32 16 2 4 18 3 8 24 856
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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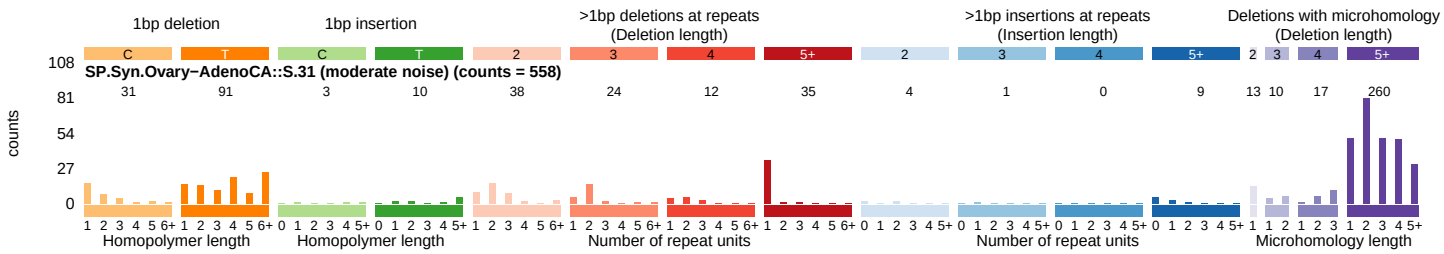
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.30 (moderate noise) (counts = 902)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
138 198 5 83 18 11 5 82 12 3 1 14 5 8 12 307
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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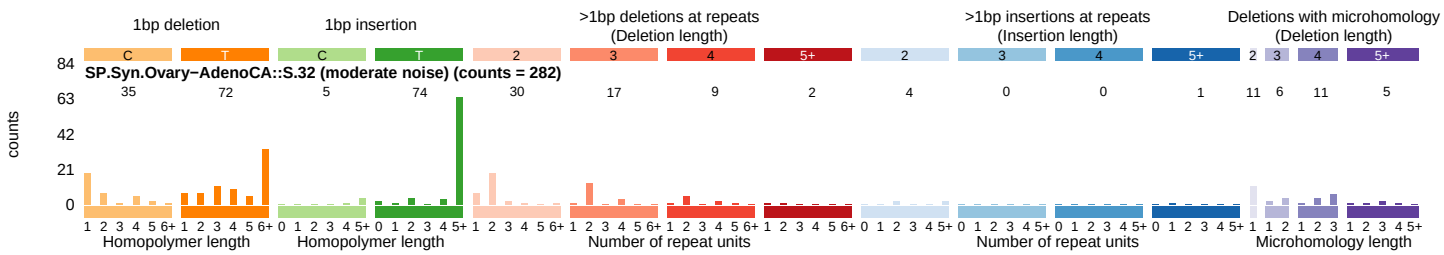
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.31 (moderate noise) (counts = 558)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
31 91 3 10 38 24 12 35 4 1 0 9 13 10 17 260
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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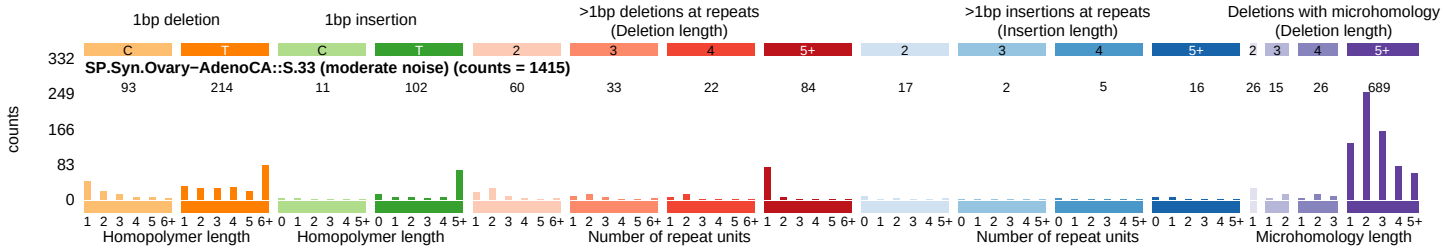
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.32 (moderate noise) (counts = 282)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
35 72 5 74 30 17 9 2 4 0 0 1 11 6 11 5
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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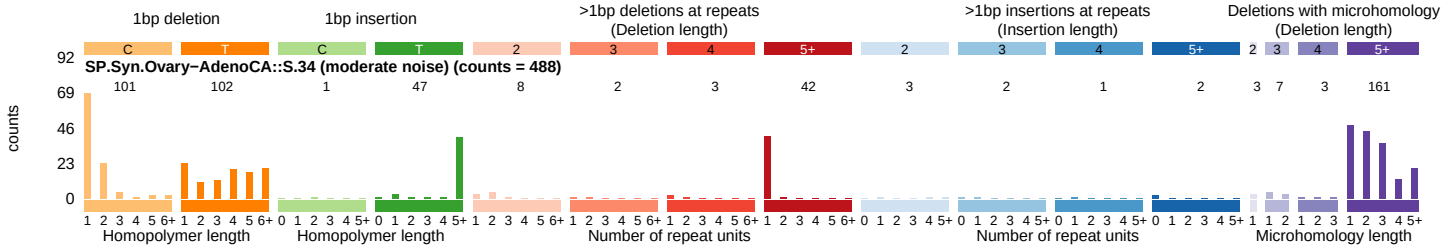
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.33 (moderate noise) (counts = 1415)
93 214 11 102 60 33 22 84 17 2 5 16 26 15 26 689
counts
332 249 166 83 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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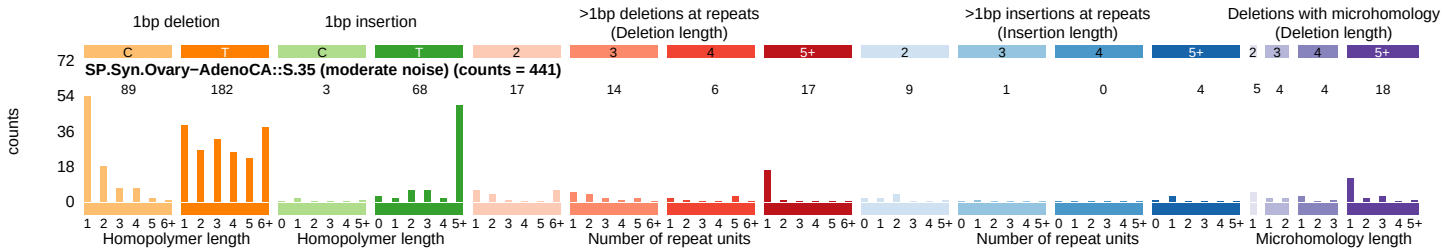
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.34 (moderate noise) (counts = 488)
101 102 1 47 8 2 3 42 3 2 1 2 3 7 3 161
counts
92 69 46 23 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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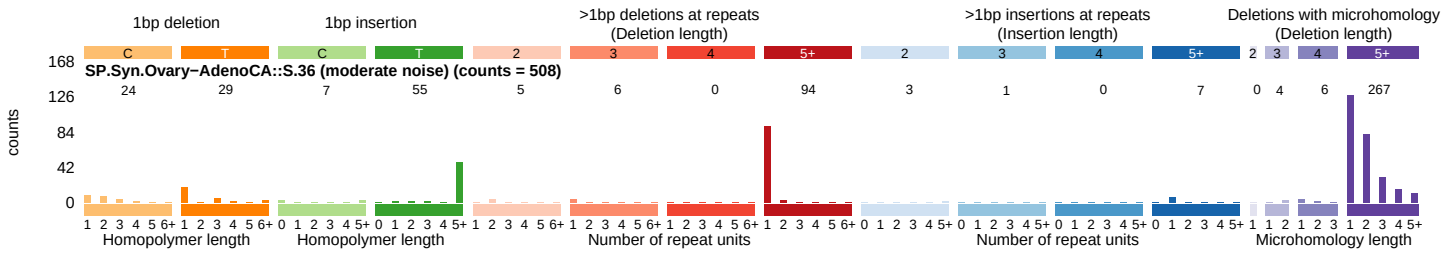
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.35 (moderate noise) (counts = 441)
89 182 3 68 17 14 6 17 9 1 0 4 5 4 4 18
counts
72 54 36 18 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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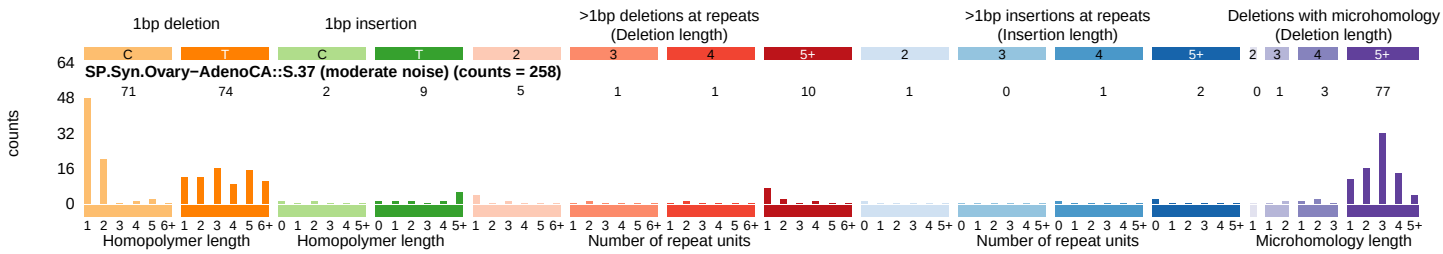
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.36 (moderate noise) (counts = 508)
24 29 7 55 5 6 0 94 3 1 0 7 0 4 6 267
counts
168 126 84 42 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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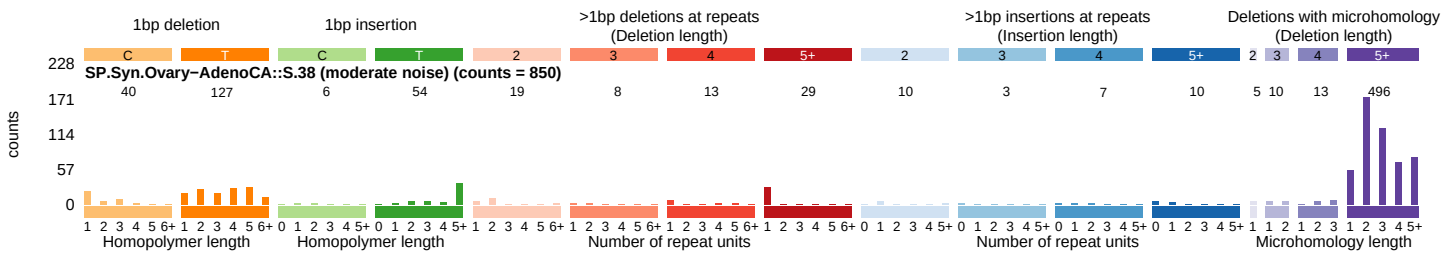
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.37 (moderate noise) (counts = 258)
71 74 2 9 5 1 1 10 1 0 1 2 0 1 3 77
counts
64 48 32 16 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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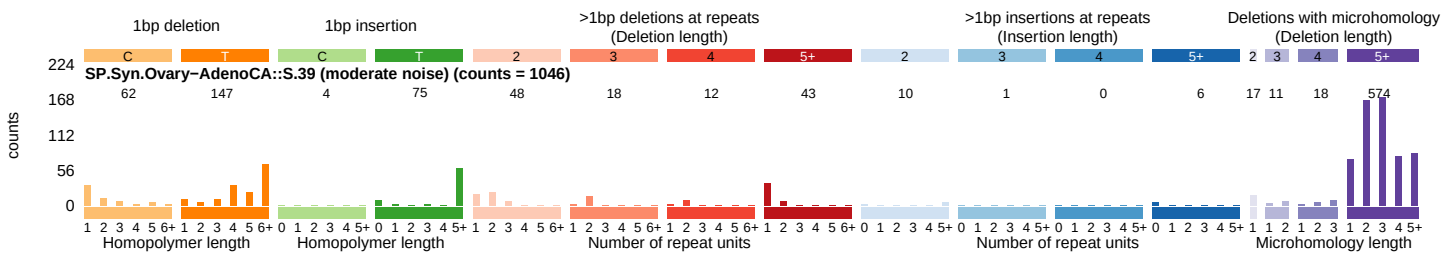
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.38 (moderate noise) (counts = 850)
40 127 6 54 19 8 13 29 10 3 7 10 5 10 13 496
counts
228 171 114 57 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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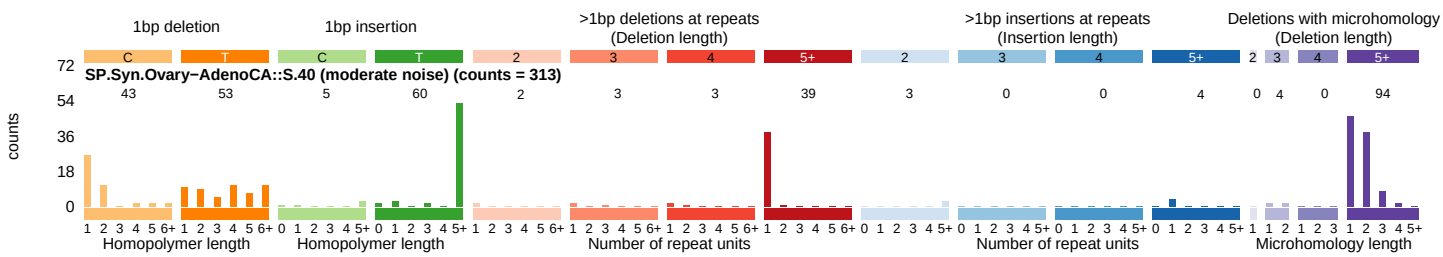
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.39 (moderate noise) (counts = 1046)
62 147 4 75 48 18 12 43 10 1 0 6 17 11 18 574
counts
224 168 112 56 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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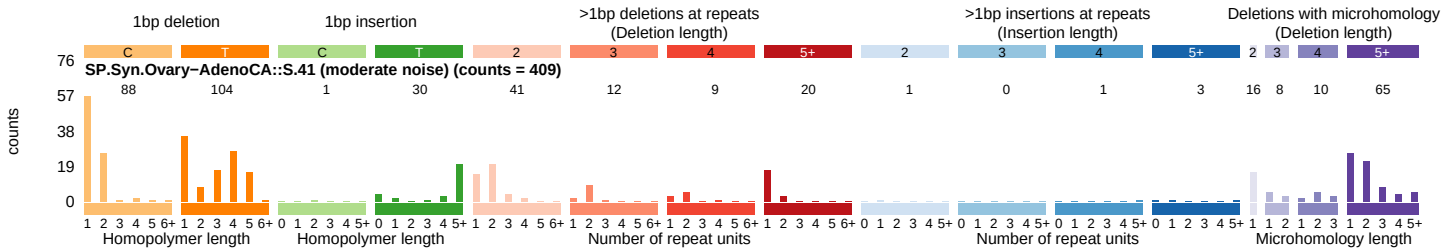
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.40 (moderate noise) (counts = 313)
43 53 5 60 2 3 3 39 3 0 0 4 0 4 0 94
counts
72 54 36 18 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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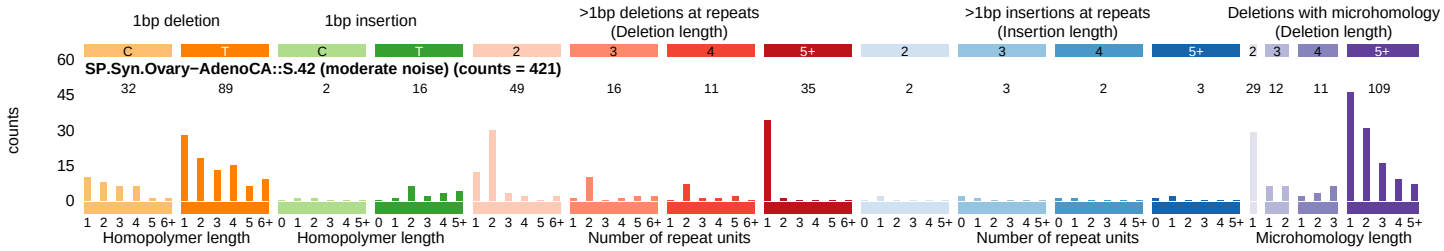
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.41 (moderate noise) (counts = 409)
88 104 1 30 41 12 9 20 1 0 1 3 16 8 10 65
counts
Homopolymer length
Number of repeat units
Microhomology length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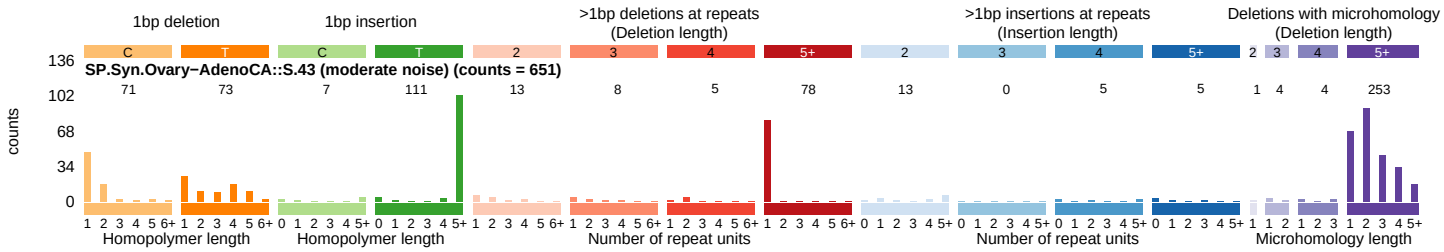
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.42 (moderate noise) (counts = 421)
32 89 2 16 49 16 11 35 2 3 2 3 29 12 11 109
counts
Homopolymer length
Number of repeat units
Microhomology length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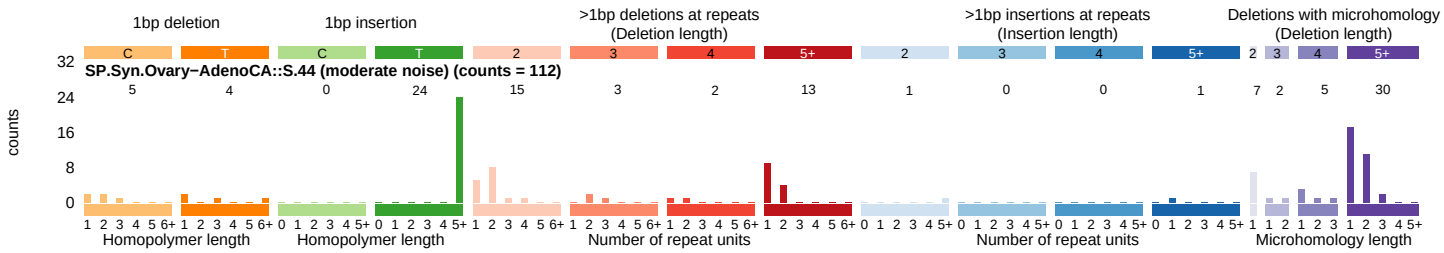
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.43 (moderate noise) (counts = 651)
71 73 7 111 13 8 5 78 13 0 5 5 1 4 4 253
counts
Homopolymer length
Number of repeat units
Microhomology length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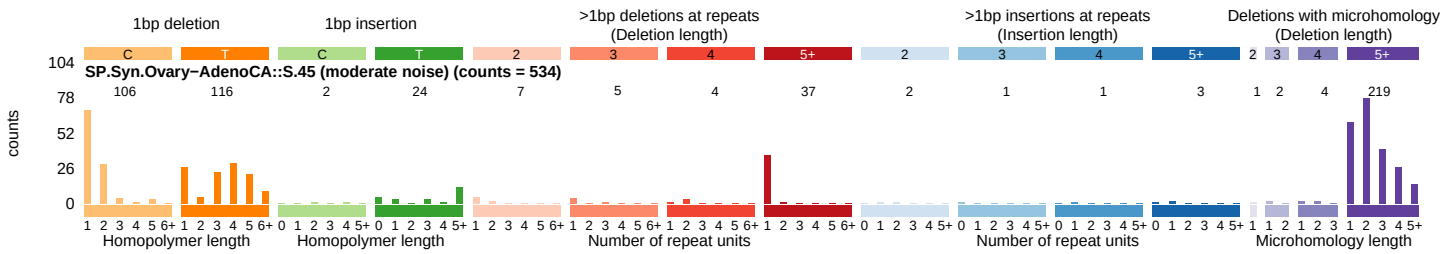
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.44 (moderate noise) (counts = 112)
5 4 0 24 15 3 2 13 1 0 0 1 7 2 5 30
counts
Homopolymer length
Number of repeat units
Microhomology length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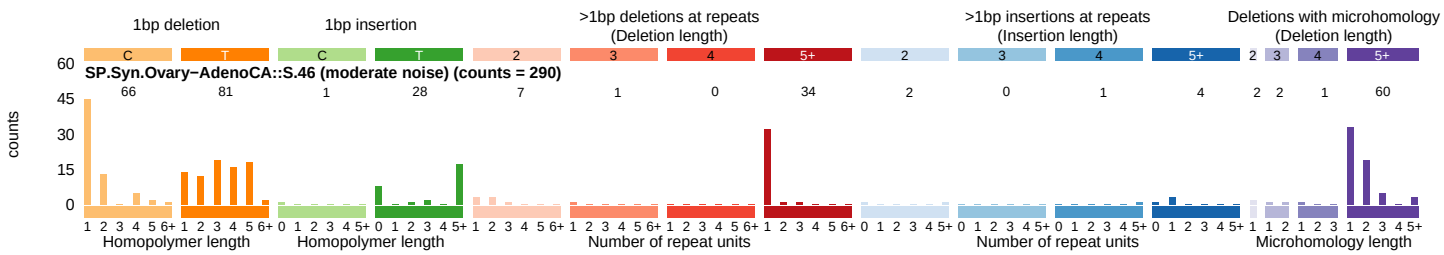
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.45 (moderate noise) (counts = 534)
106 116 2 24 7 5 4 37 2 1 1 3 1 2 4 219
counts
Homopolymer length
Number of repeat units
Microhomology length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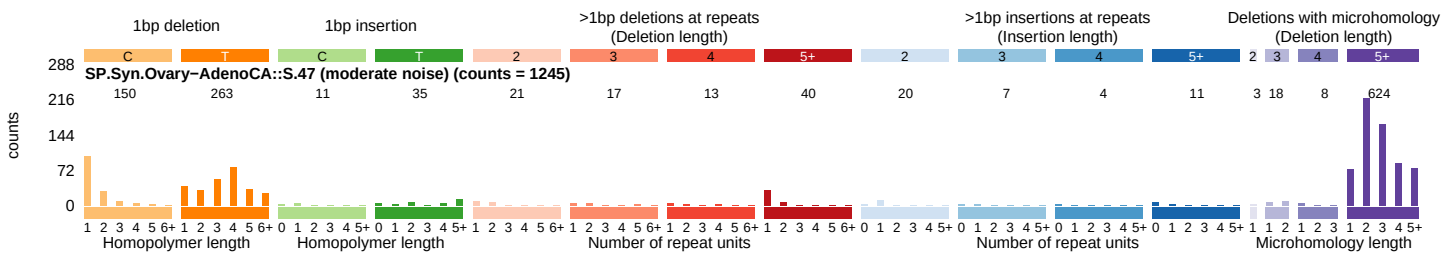
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.46 (moderate noise) (counts = 290)
66 81 1 28 7 1 0 34 2 0 1 4 2 2 1 60
counts
Homopolymer length
Number of repeat units
Microhomology length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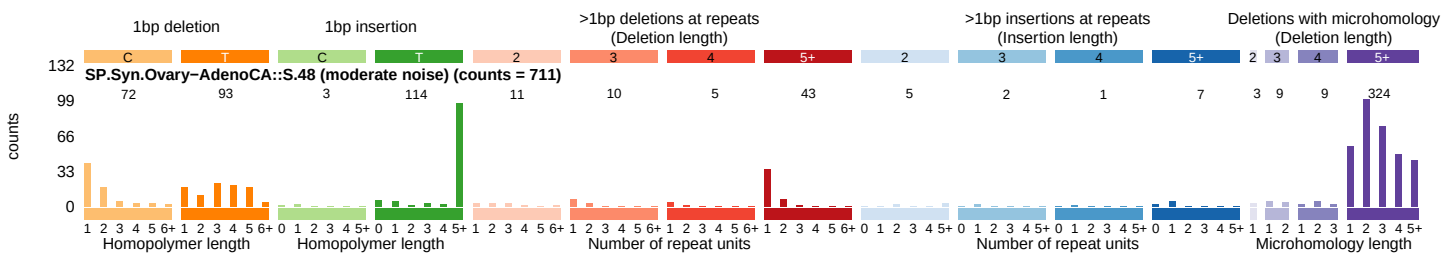
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.47 (moderate noise) (counts = 1245)
150 263 11 35 21 17 13 40 20 7 4 11 3 18 8 624
counts
Homopolymer length
Number of repeat units
Microhomology length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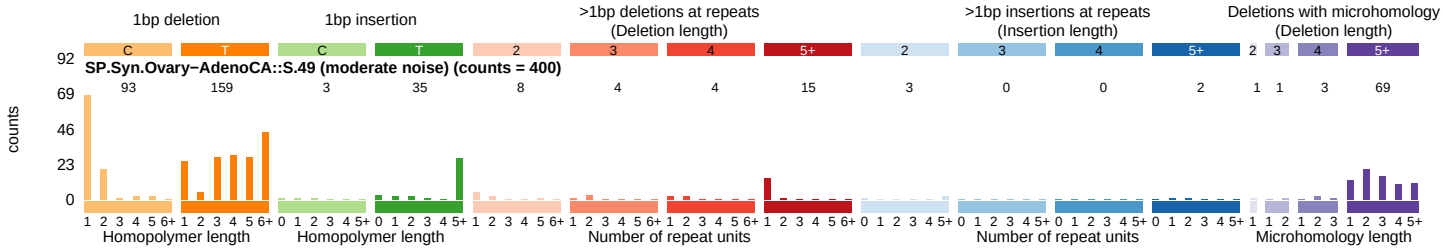
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.48 (moderate noise) (counts = 711)
72 93 3 114 11 10 5 43 5 2 1 7 3 9 9 324
counts
Homopolymer length
Number of repeat units
Microhomology length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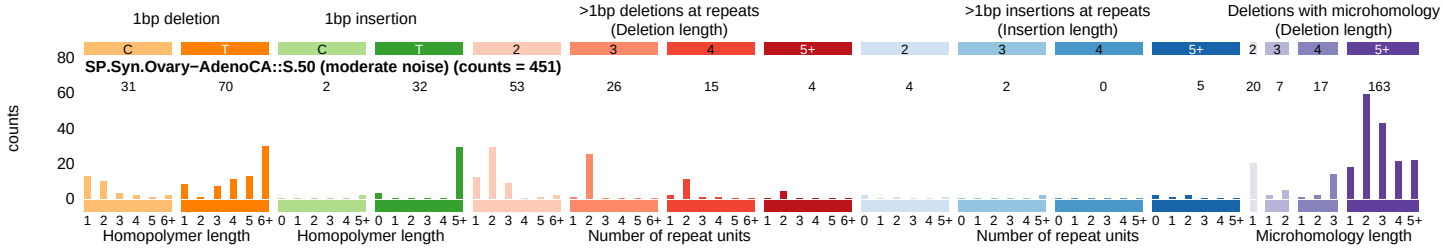
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.49 (moderate noise) (counts = 400)
93 159 3 35 8 4 4 15 3 0 0 2 1 1 3 69
counts
Homopolymer length
Number of repeat units
Microhomology length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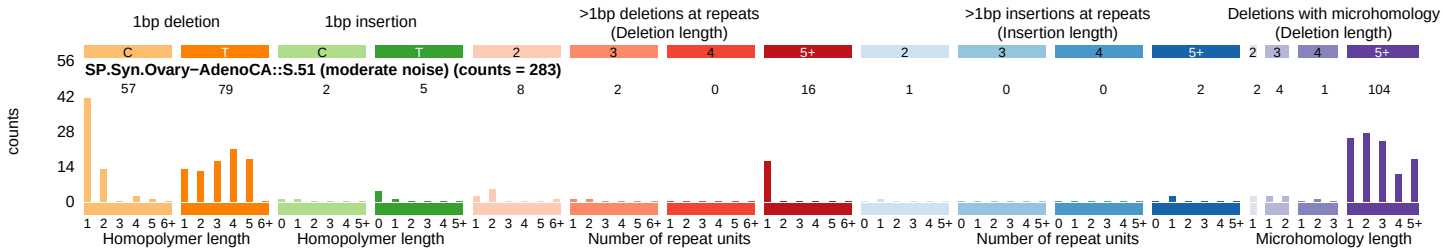
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.50 (moderate noise) (counts = 451)
31 70 2 32 53 26 15 4 4 2 0 5 20 7 17 163
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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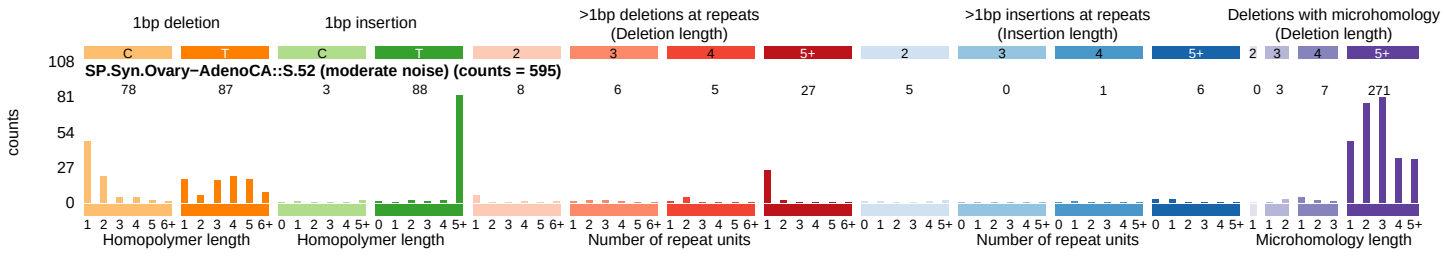
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.51 (moderate noise) (counts = 283)
57 79 2 5 8 2 0 16 1 0 0 2 2 4 1 104
counts
Homopolymer length
Number of repeat units
Microhomology length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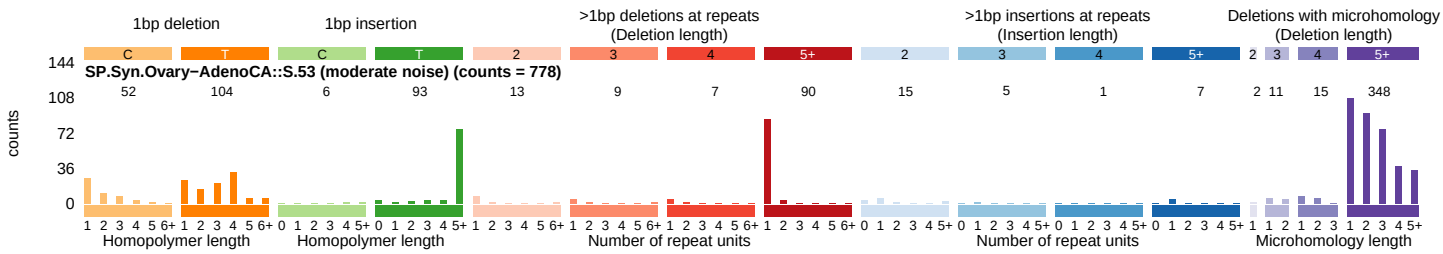
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.52 (moderate noise) (counts = 595)
78 87 3 88 8 6 5 27 5 0 1 6 0 3 7 271
counts
Homopolymer length
Number of repeat units
Microhomology length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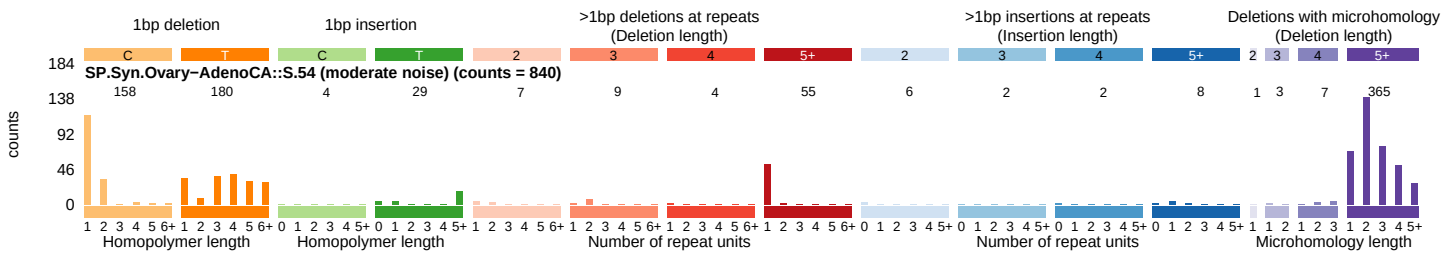
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.53 (moderate noise) (counts = 778)
52 104 6 93 13 9 7 90 15 5 1 7 2 11 15 348
counts
Homopolymer length
Number of repeat units
Microhomology length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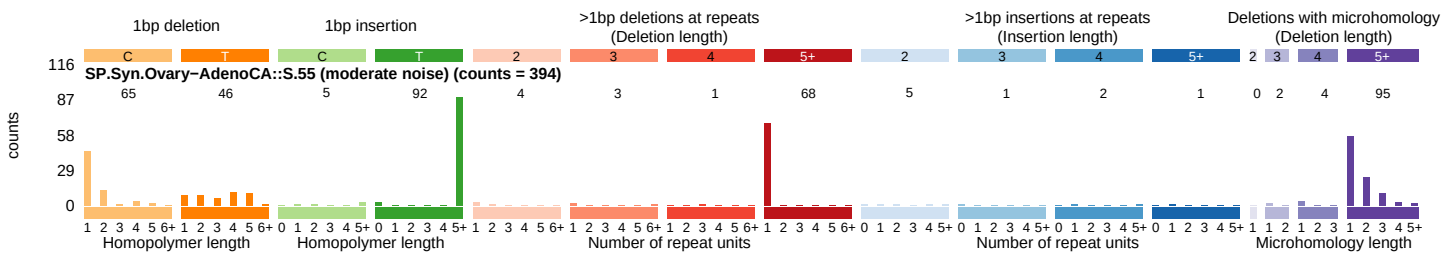
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.54 (moderate noise) (counts = 840)
158 180 4 29 7 9 4 55 6 2 2 8 1 3 7 365
counts
Homopolymer length
Number of repeat units
Microhomology length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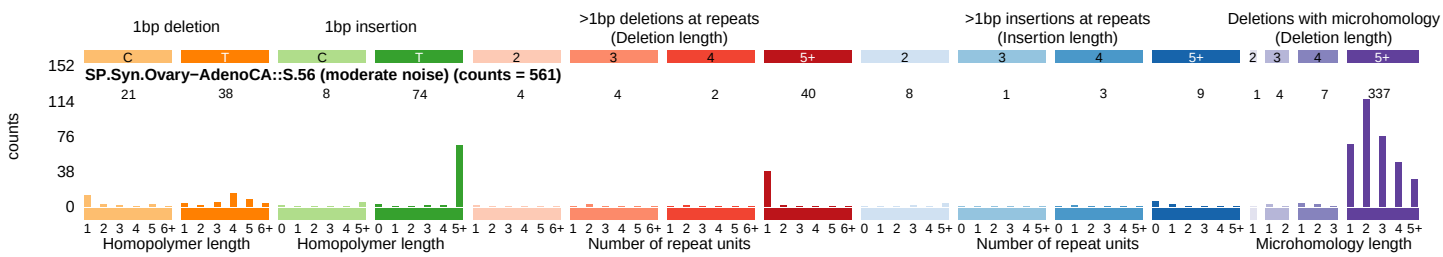
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.55 (moderate noise) (counts = 394)
65 46 5 92 4 3 1 68 5 1 2 1 0 2 4 95
counts
Homopolymer length
Number of repeat units
Microhomology length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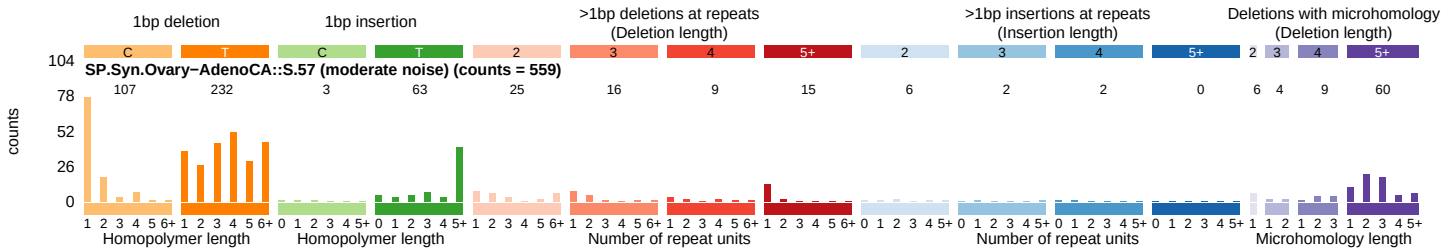
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.56 (moderate noise) (counts = 561)
21 38 8 74 4 4 2 40 8 1 3 9 1 4 7 337
counts
Homopolymer length
Number of repeat units
Microhomology length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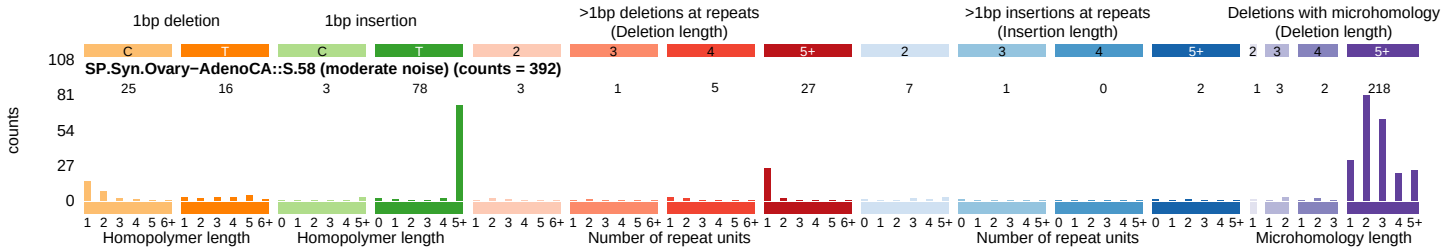
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.57 (moderate noise) (counts = 559)
107 232 3 63 25 16 9 15 6 2 2 0 6 4 9 60
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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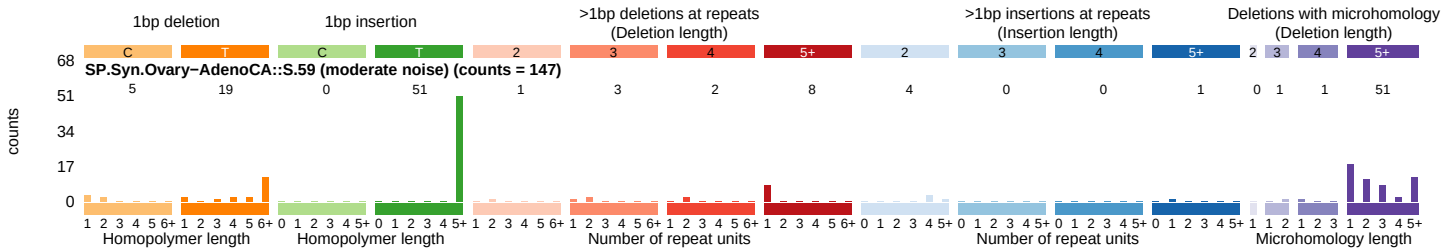
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.58 (moderate noise) (counts = 392)
25 16 3 78 3 1 5 27 7 1 0 2 1 3 2 218
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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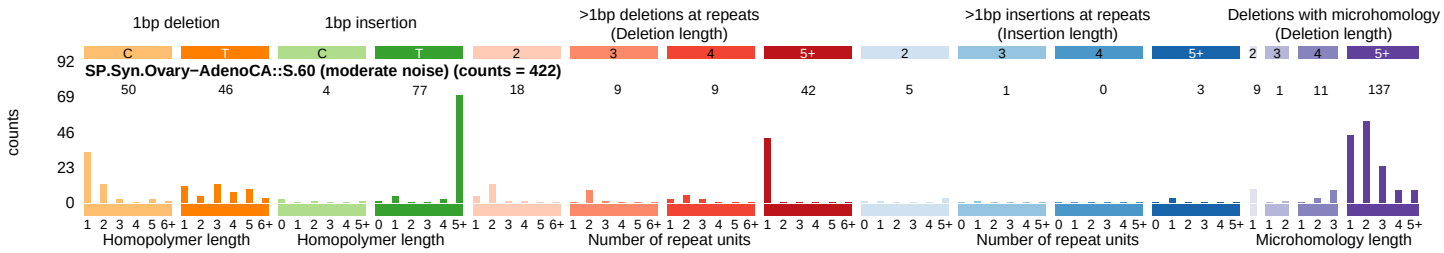
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.59 (moderate noise) (counts = 147)
5 19 0 51 1 3 2 8 4 0 0 1 0 1 1 51
counts
Homopolymer length
Number of repeat units
Microhomology length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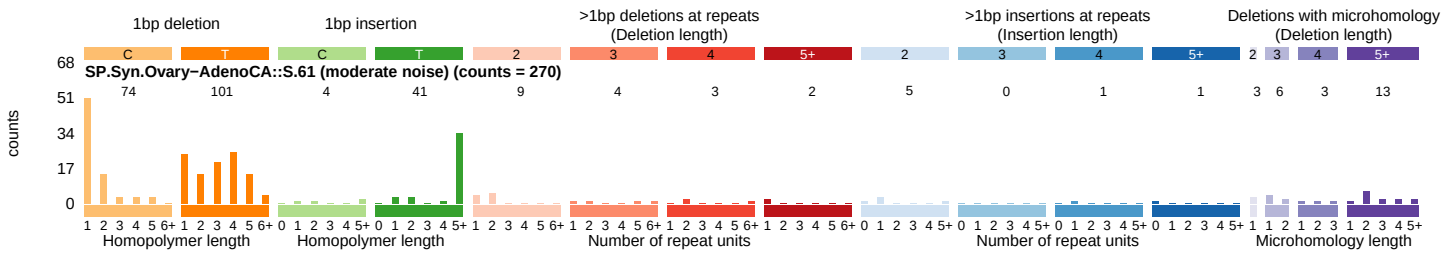
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.60 (moderate noise) (counts = 422)
50 46 4 77 18 9 9 42 5 1 0 3 9 1 11 137
counts
Homopolymer length
Number of repeat units
Microhomology length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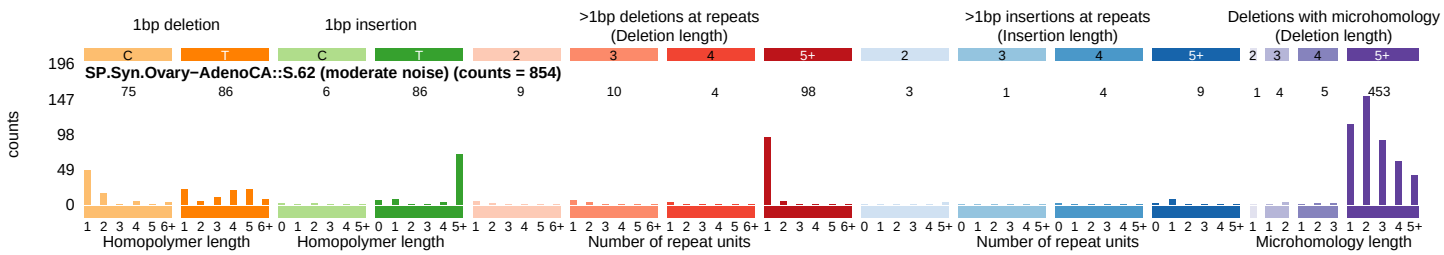
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.61 (moderate noise) (counts = 270)
74 101 4 41 9 4 3 2 5 0 1 1 3 6 3 13
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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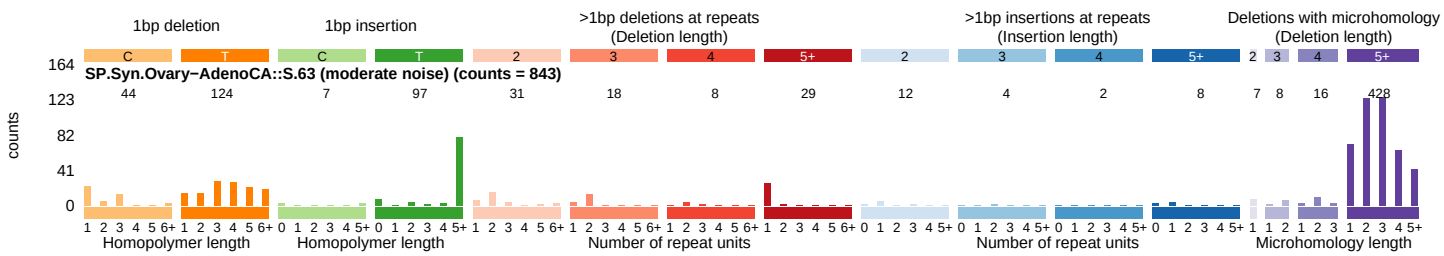
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.62 (moderate noise) (counts = 854)
75 86 6 86 9 10 4 98 3 1 4 9 1 4 5 453
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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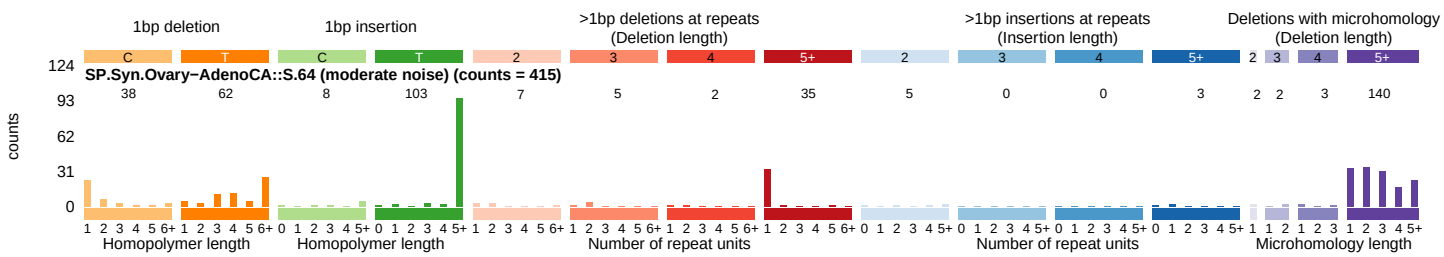
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.63 (moderate noise) (counts = 843)
44 124 7 97 31 18 8 29 12 4 2 8 7 8 16 428
counts
Homopolymer length
Number of repeat units
Microhomology length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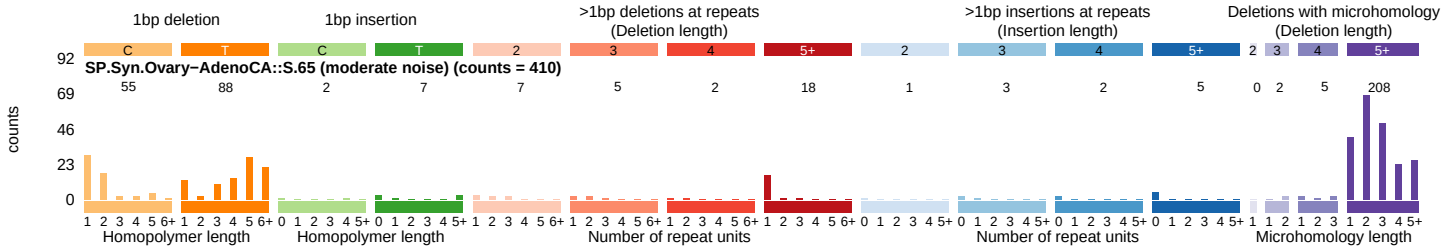
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.64 (moderate noise) (counts = 415)
38 62 8 103 7 5 2 35 5 0 0 3 2 2 3 140
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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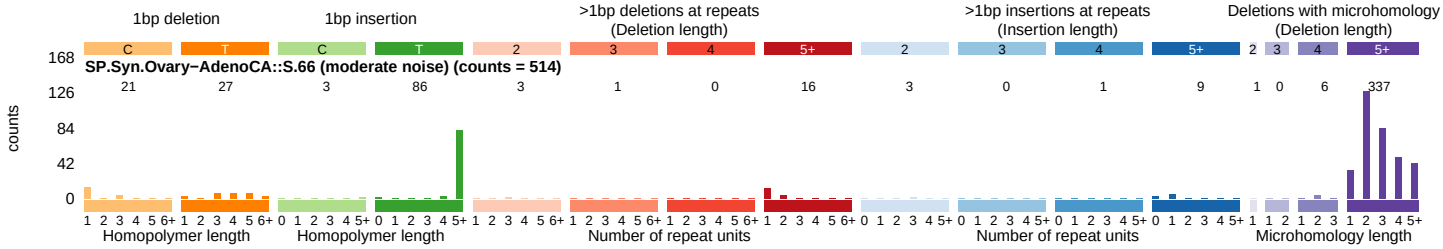
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.65 (moderate noise) (counts = 410)
55 88 2 7 7 5 2 18 1 3 2 5 0 2 5 208
counts
Homopolymer length
Number of repeat units
Microhomology length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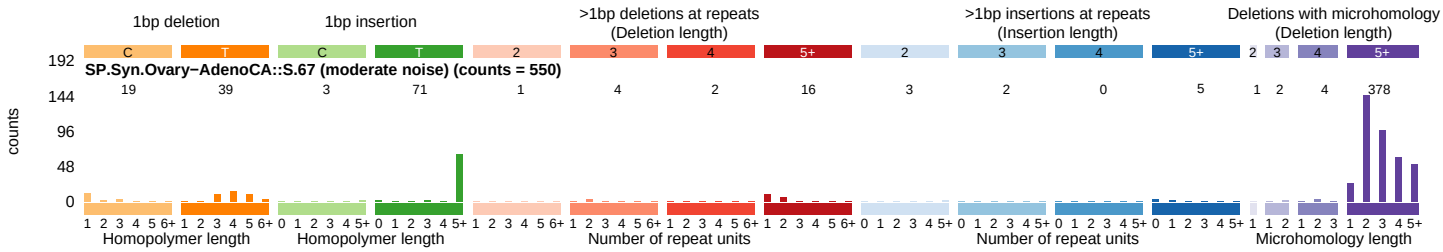
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.66 (moderate noise) (counts = 514)
21 27 3 86 3 1 0 16 3 0 1 9 1 0 6 337
counts
Homopolymer length
Number of repeat units
Microhomology length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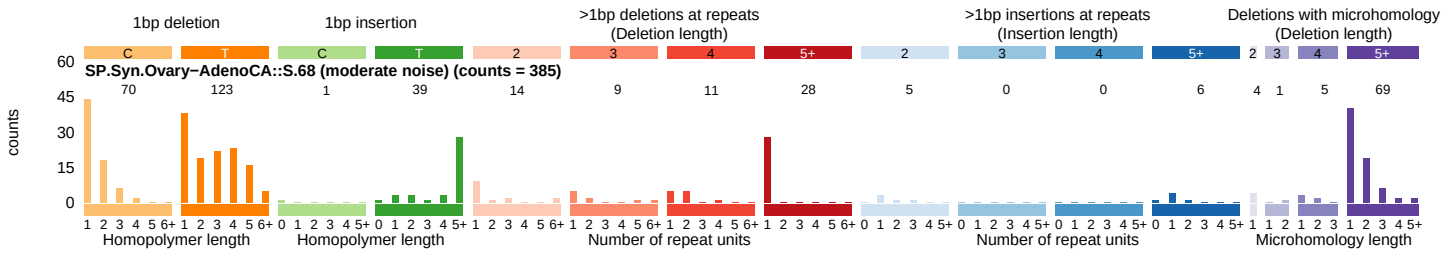
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.67 (moderate noise) (counts = 550)
19 39 3 71 1 4 2 16 3 2 0 5 1 2 4 378
counts
Homopolymer length
Number of repeat units
Microhomology length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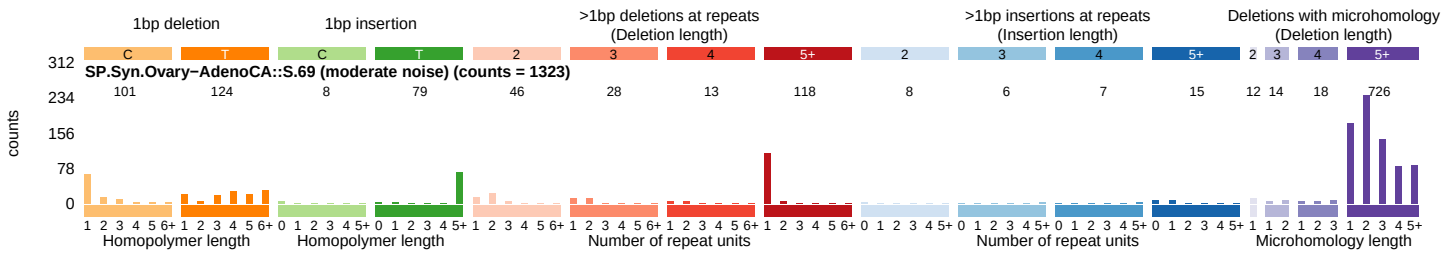
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.68 (moderate noise) (counts = 385)
70 123 1 39 14 9 11 28 5 0 0 6 4 1 5 69
counts
Homopolymer length
Number of repeat units
Microhomology length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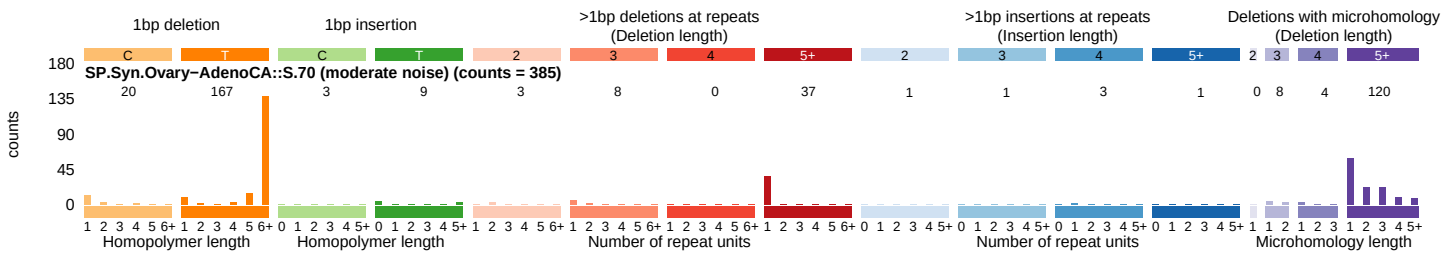
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.69 (moderate noise) (counts = 1323)
101 124 8 79 46 28 13 118 8 6 7 15 12 14 18 726
counts
Homopolymer length
Number of repeat units
Microhomology length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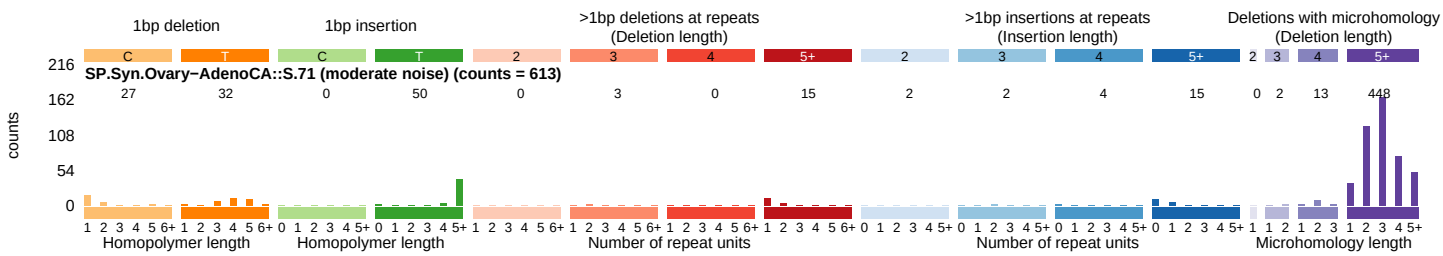
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.70 (moderate noise) (counts = 385)
20 167 3 9 3 8 0 37 1 1 3 1 0 8 4 120
counts
Homopolymer length
Number of repeat units
Microhomology length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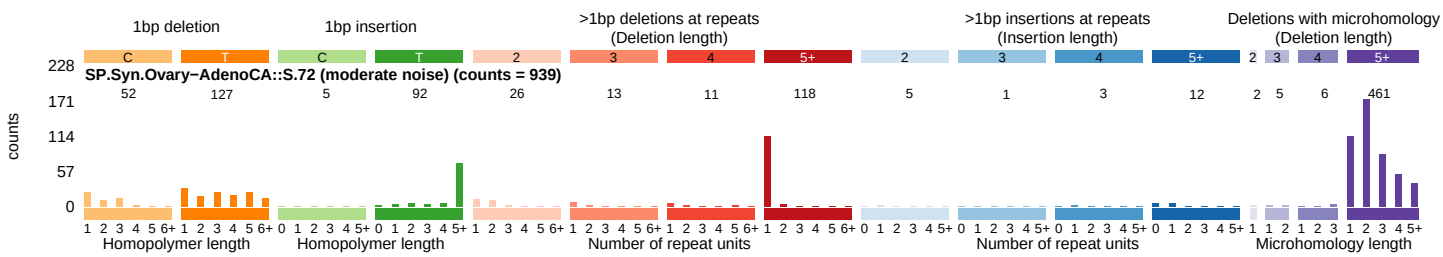
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.71 (moderate noise) (counts = 613)
27 32 0 50 0 3 0 15 2 2 4 15 0 2 13 448
counts
Homopolymer length
Number of repeat units
Microhomology length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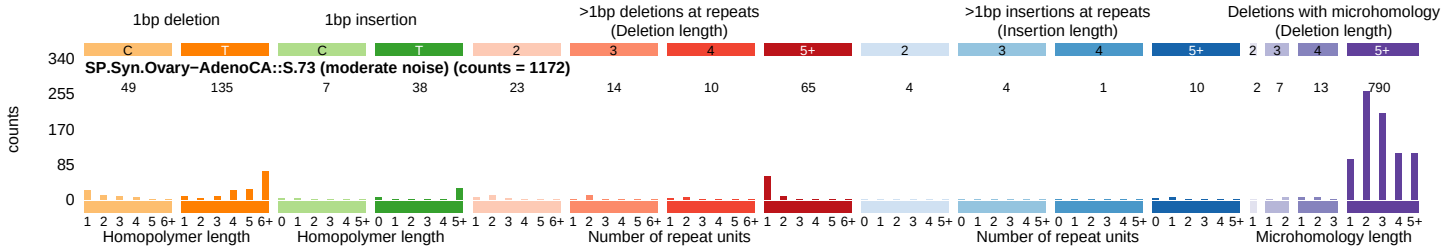
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.72 (moderate noise) (counts = 939)
52 127 5 92 26 13 11 118 5 1 3 12 2 5 6 461
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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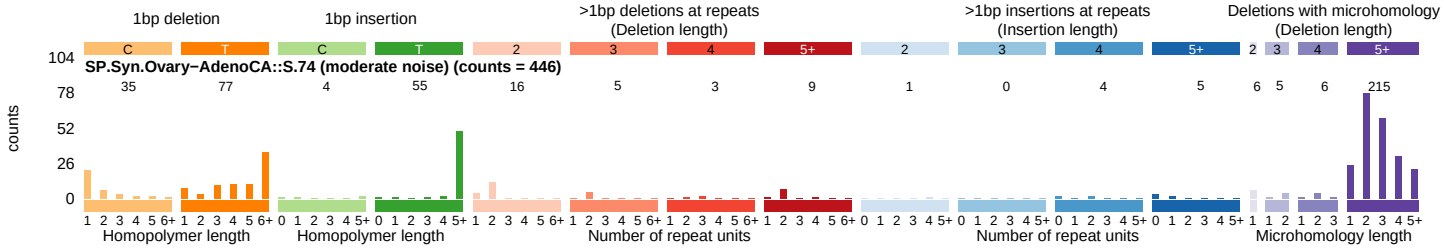
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.73 (moderate noise) (counts = 1172)
49 135 7 38 23 14 10 65 4 4 1 10 2 7 13 790
counts
340 255 170 85 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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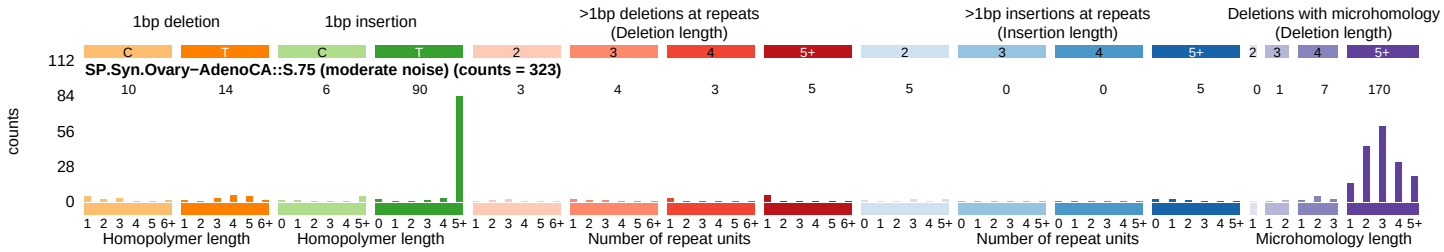
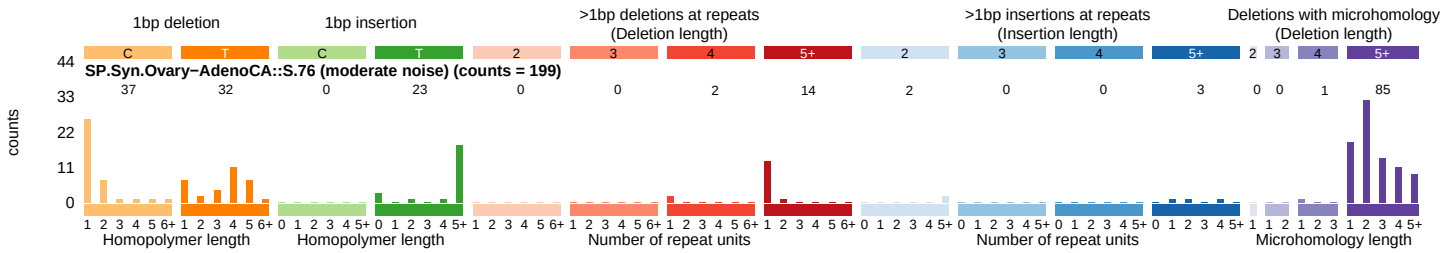
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.74 (moderate noise) (counts = 446)
35 77 4 55 16 5 3 9 1 0 4 5 6 5 6 215
counts
104 78 52 26 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.75 (moderate noise) (counts = 323)
10 14 6 90 3 4 3 5 5 0 0 5 0 1 7 170
counts
112 84 56 28 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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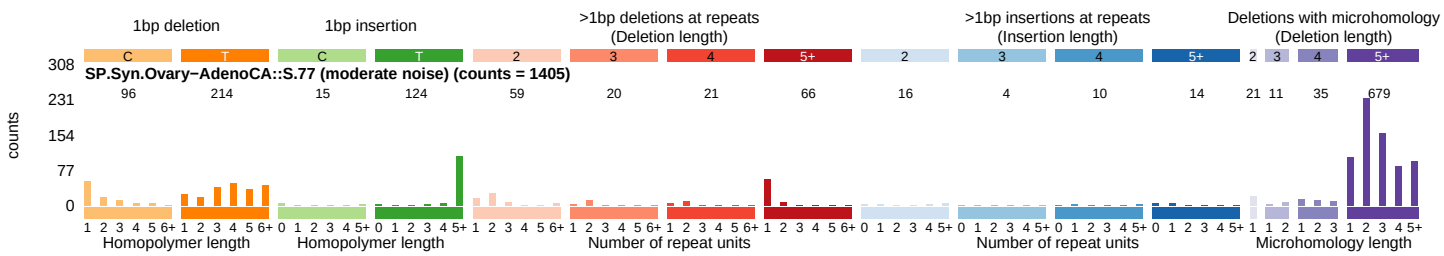
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.76 (moderate noise) (counts = 199)
37 32 0 23 0 0 2 14 2 0 0 3 0 0 1 85
counts
44 33 22 11 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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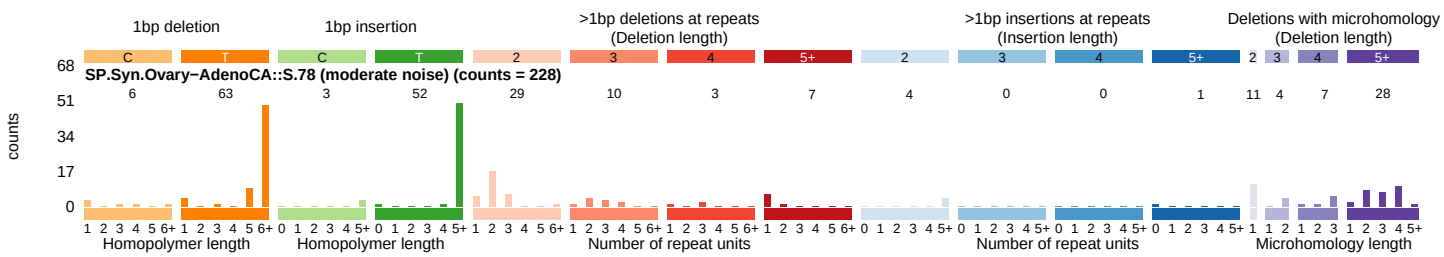
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.77 (moderate noise) (counts = 1405)
96 214 15 124 59 20 21 66 16 4 10 14 21 11 35 679
counts
308 231 154 77 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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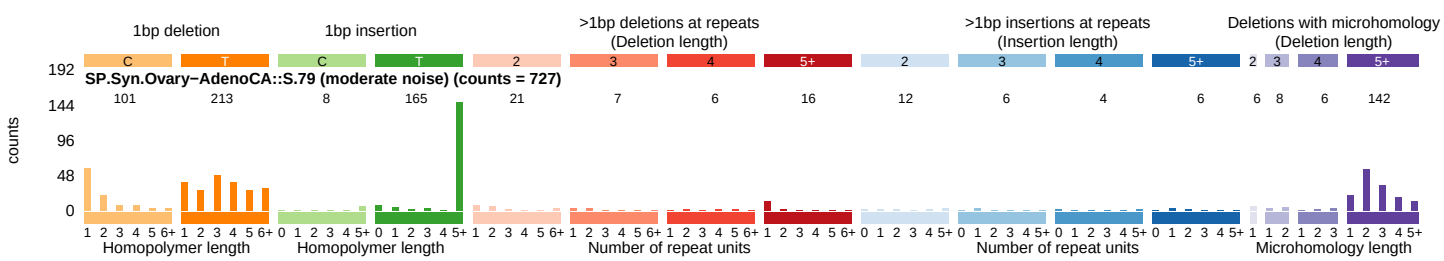
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.78 (moderate noise) (counts = 228)
6 63 3 52 29 10 3 7 4 0 0 1 11 4 7 28
counts
68 51 34 17 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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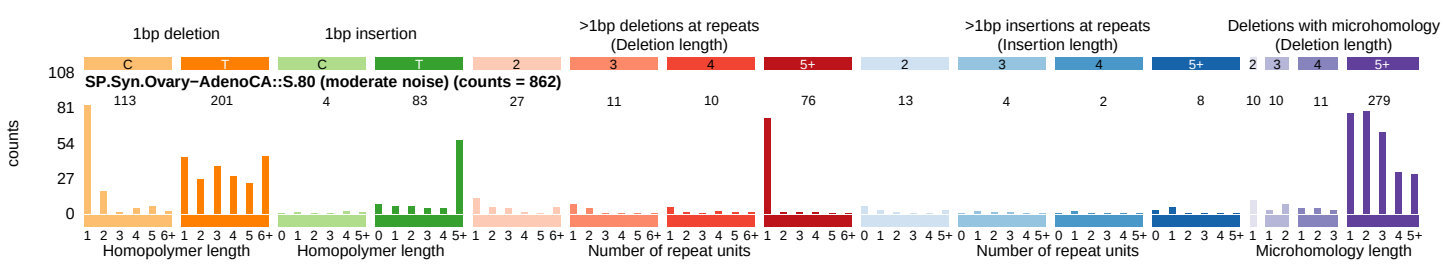
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.79 (moderate noise) (counts = 727)
101 213 8 165 21 7 6 16 12 6 4 6 6 8 6 142
counts
192 144 96 48 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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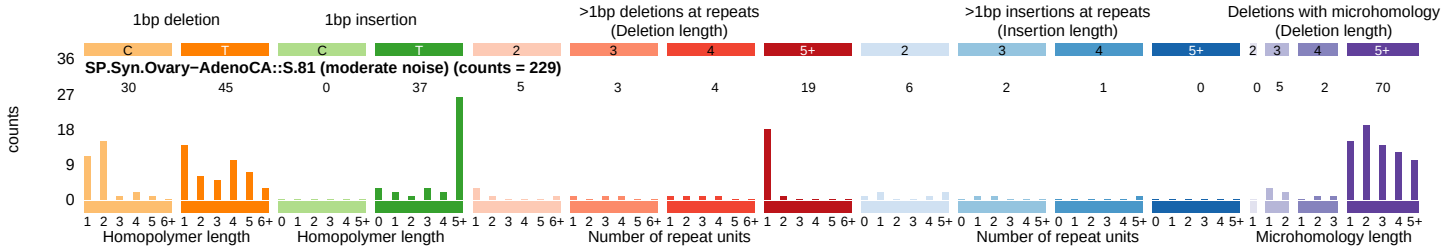
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Ovary−AdenoCA::S.80 (moderate noise) (counts = 862)
113 201 4 83 27 11 10 76 13 4 2 8 10 10 11 279
counts
108 81 54 27 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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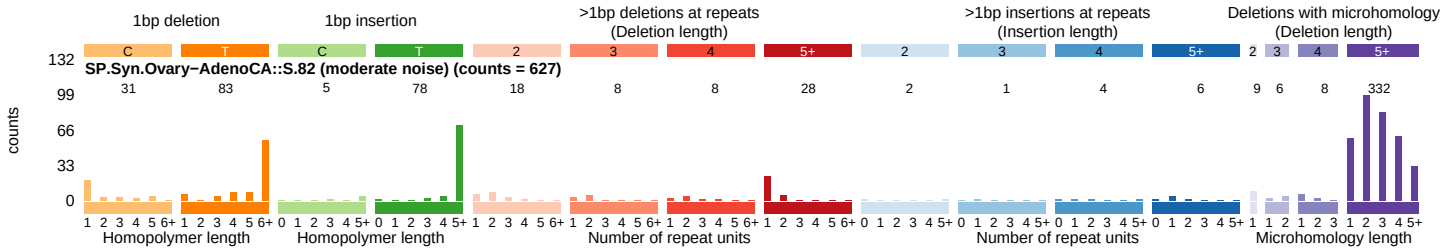
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.81 (moderate noise) (counts = 229)
counts
Homopolymer length
Number of repeat units
Microhomology length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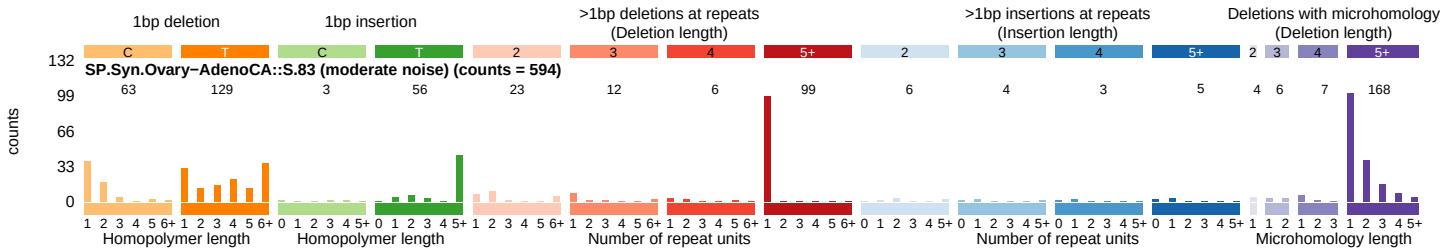
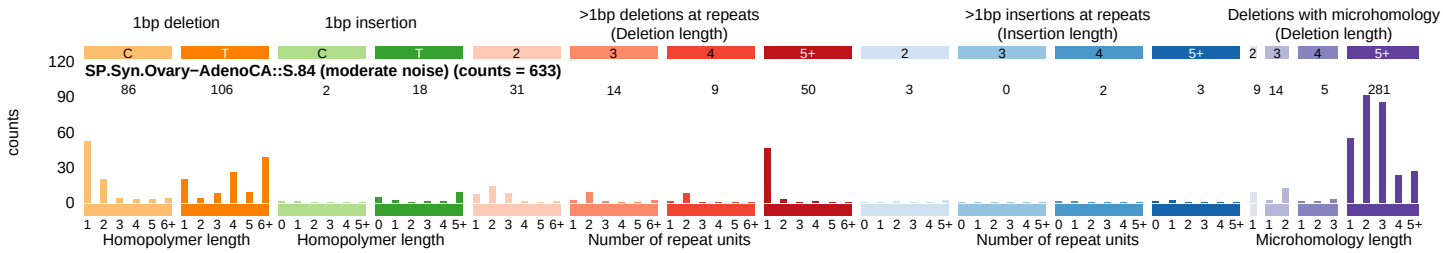
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.82 (moderate noise) (counts = 627)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.83 (moderate noise) (counts = 594)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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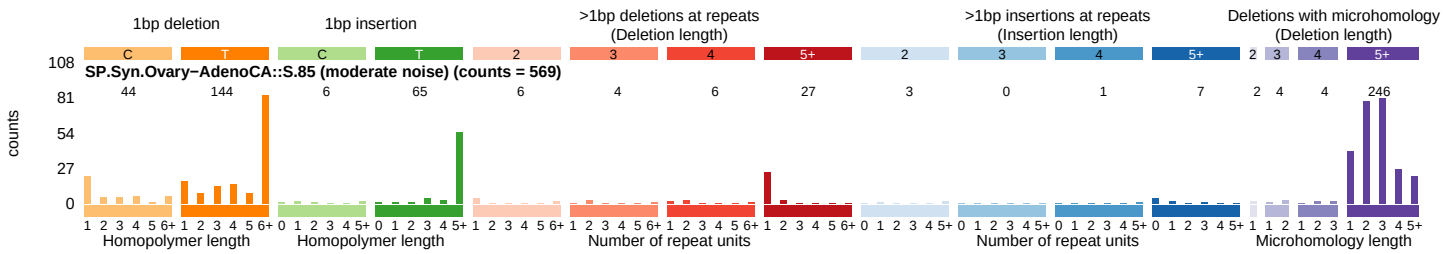
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.84 (moderate noise) (counts = 633)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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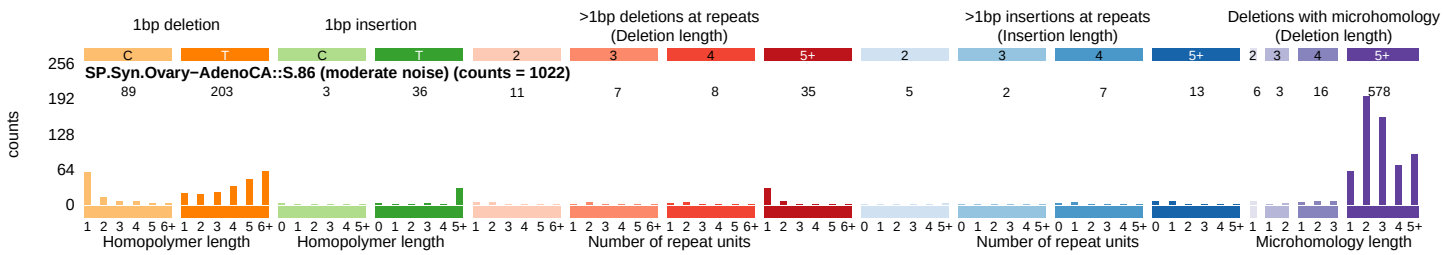
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.85 (moderate noise) (counts = 569)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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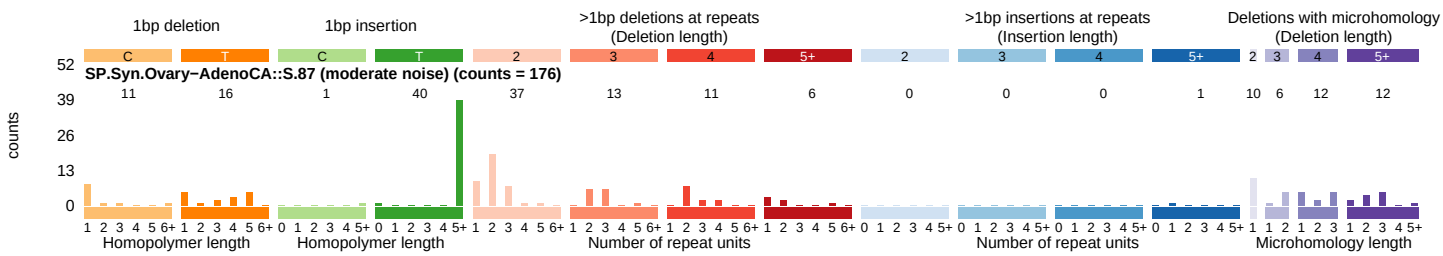
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.86 (moderate noise) (counts = 1022)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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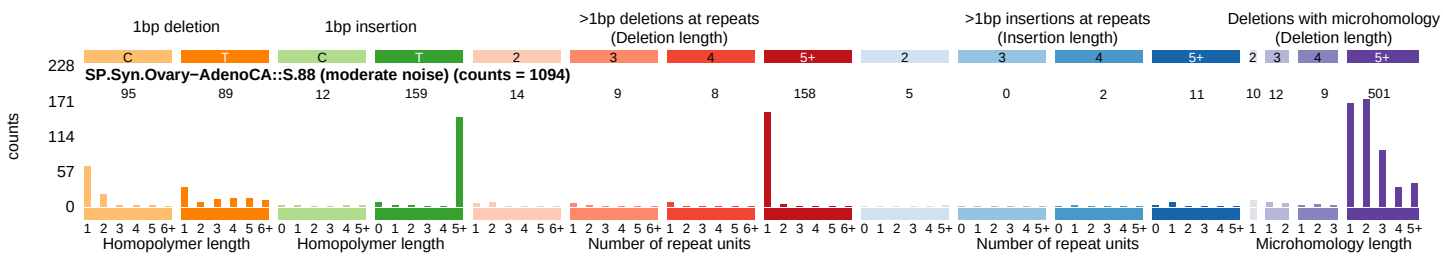
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.87 (moderate noise) (counts = 176)
counts
Homopolymer length
Number of repeat units
Microhomology length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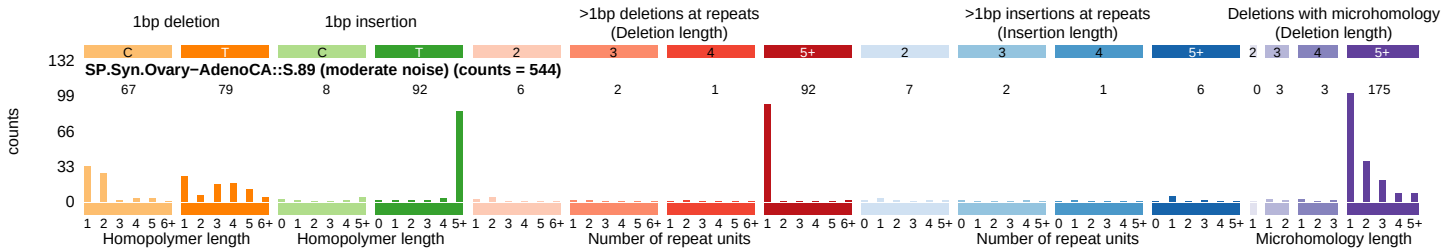
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.88 (moderate noise) (counts = 1094)
counts
Homopolymer length
Number of repeat units
Microhomology length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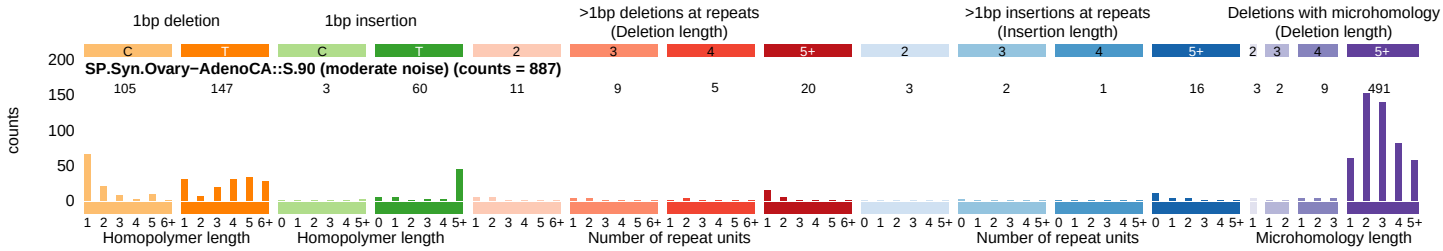
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.89 (moderate noise) (counts = 544)
67 79 8 92 6 2 1 92 7 2 1 6 0 3 3 175
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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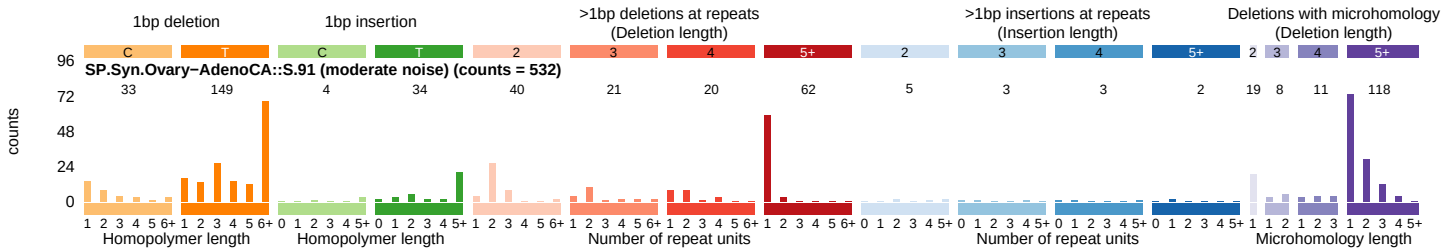
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.90 (moderate noise) (counts = 887)
105 147 3 60 11 9 5 20 3 2 1 16 3 2 9 491
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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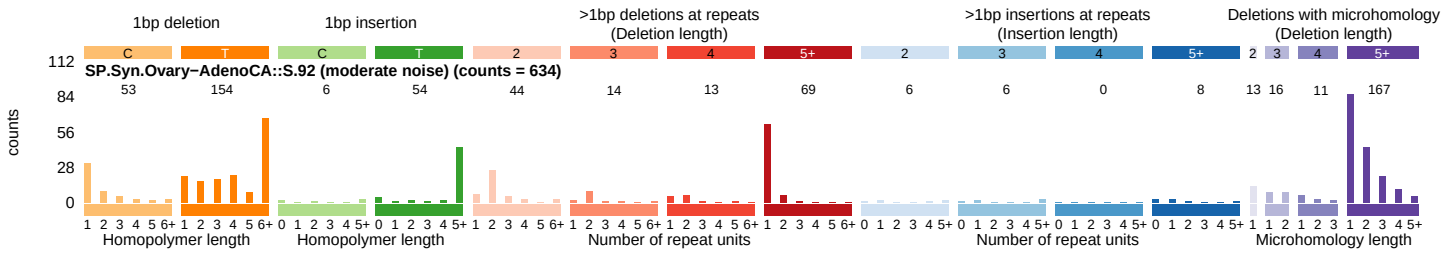
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.91 (moderate noise) (counts = 532)
33 149 4 34 40 21 20 62 5 3 3 2 19 8 11 118
counts
Homopolymer length
Number of repeat units
Microhomology length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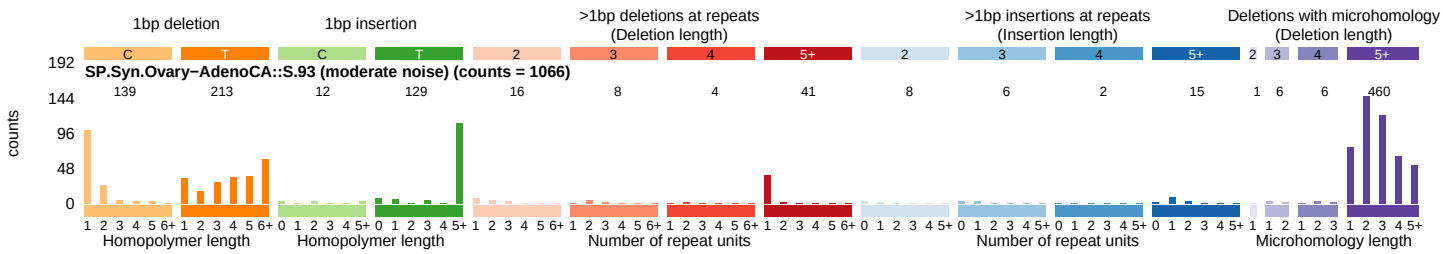
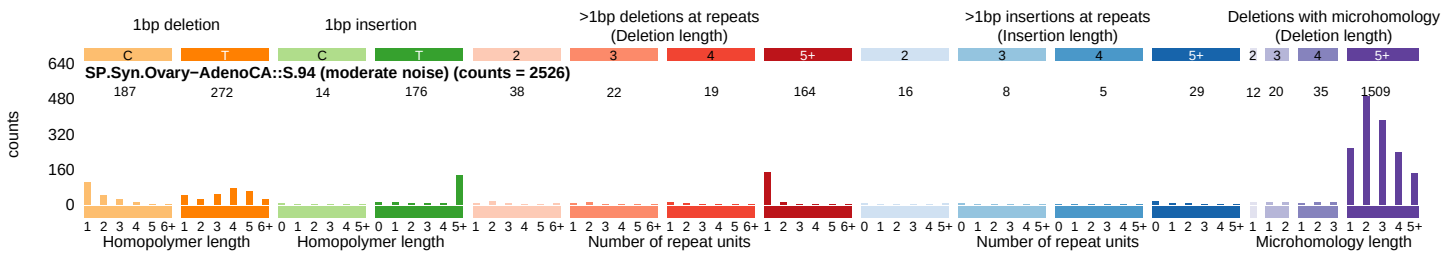
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.92 (moderate noise) (counts = 634)
53 154 6 54 44 14 13 69 6 6 0 8 13 16 11 167
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.93 (moderate noise) (counts = 1066)
139 213 12 129 16 8 4 41 8 6 2 15 1 6 6 460
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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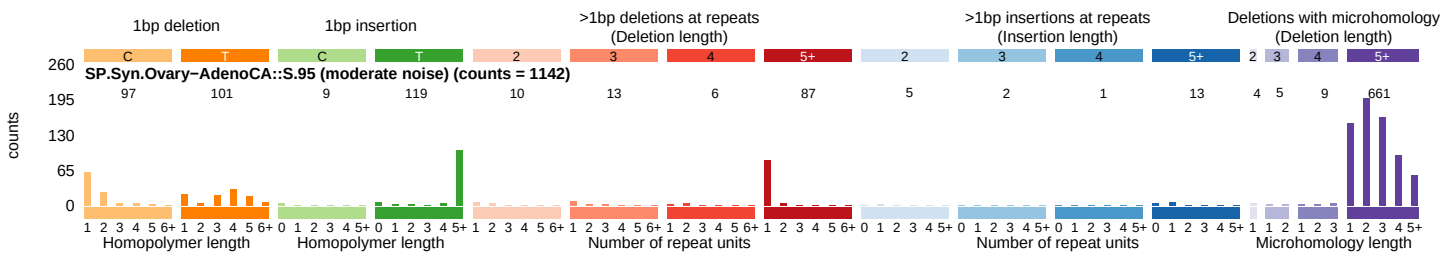
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.94 (moderate noise) (counts = 2526)
187 272 14 176 38 22 19 164 16 8 5 29 12 20 35 1509
counts
Homopolymer length
Number of repeat units
Microhomology length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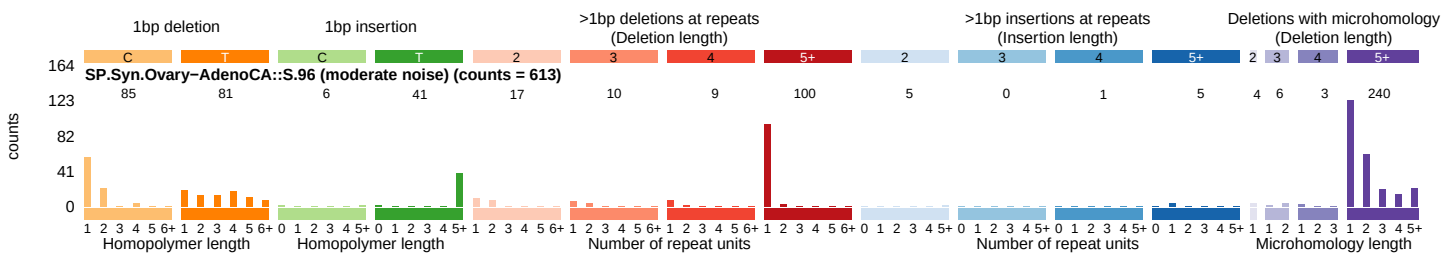
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.95 (moderate noise) (counts = 1142)
97 101 9 119 10 13 6 87 5 2 1 13 4 5 9 661
counts
Homopolymer length
Number of repeat units
Microhomology length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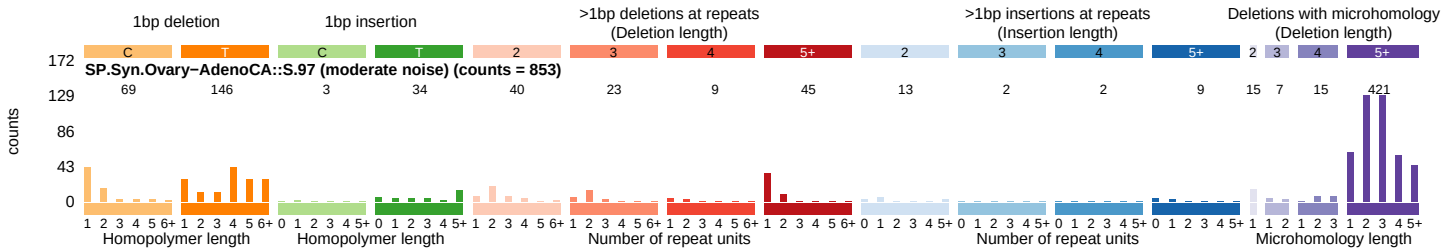
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.96 (moderate noise) (counts = 613)
85 81 6 41 17 10 9 100 5 0 1 5 4 6 3 240
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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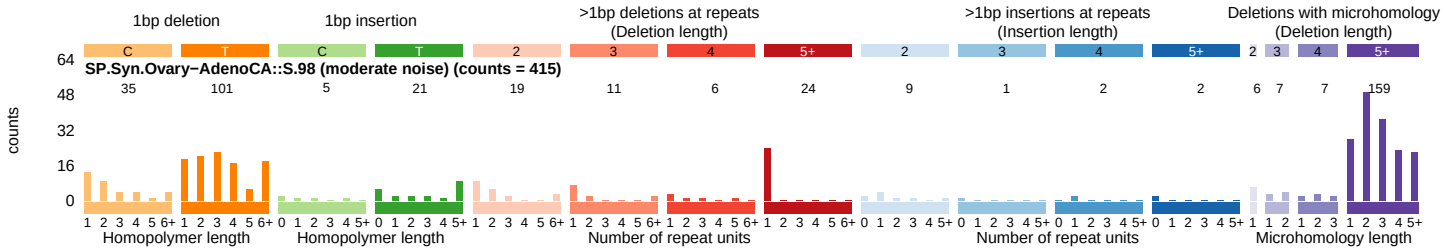
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.97 (moderate noise) (counts = 853)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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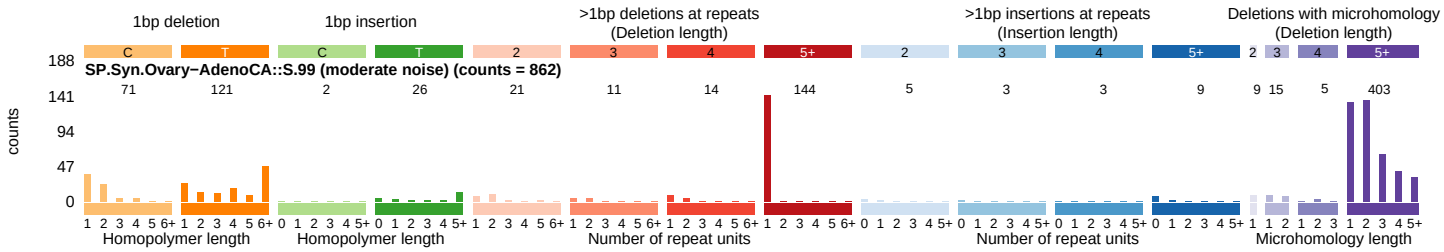
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.98 (moderate noise) (counts = 415)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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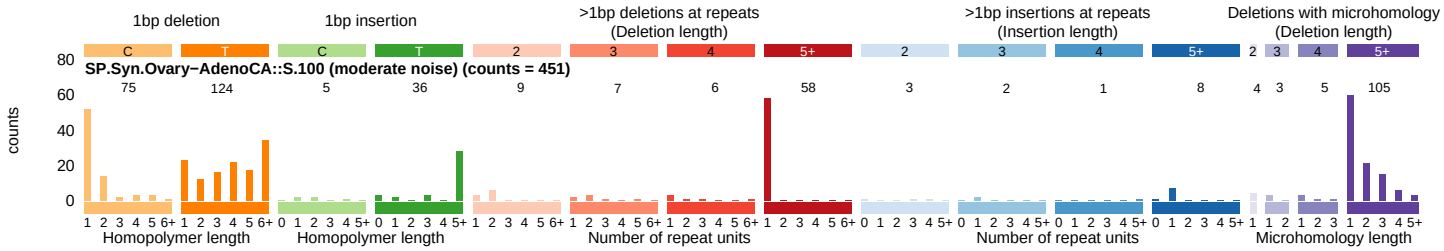
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.99 (moderate noise) (counts = 862)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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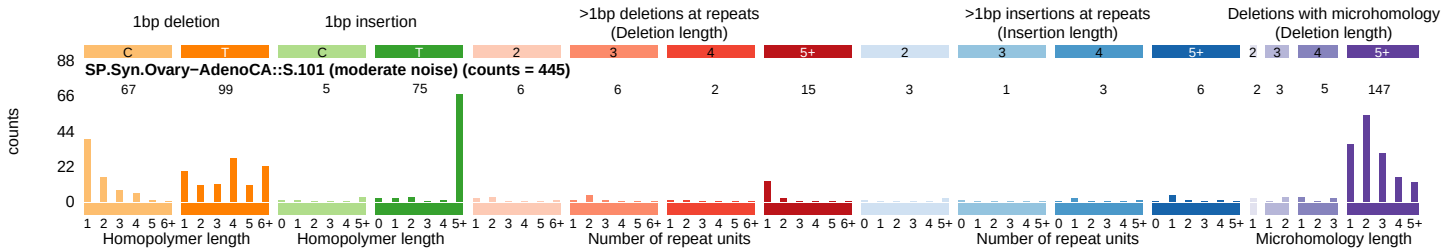
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.100 (moderate noise) (counts = 451)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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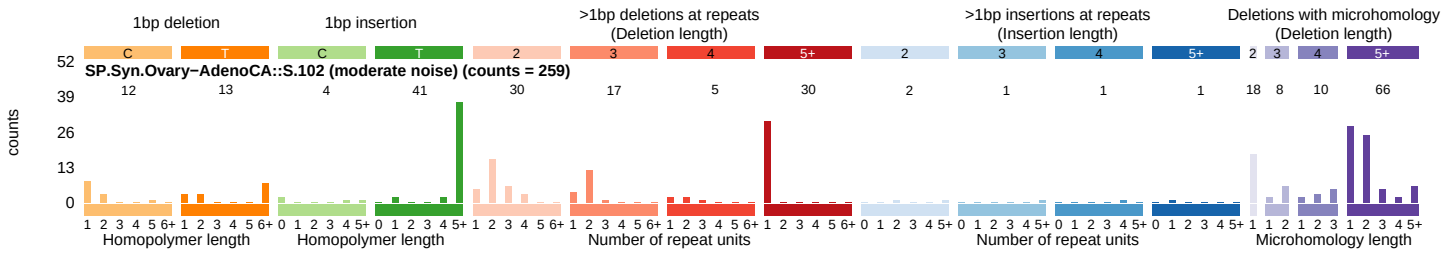
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.101 (moderate noise) (counts = 445)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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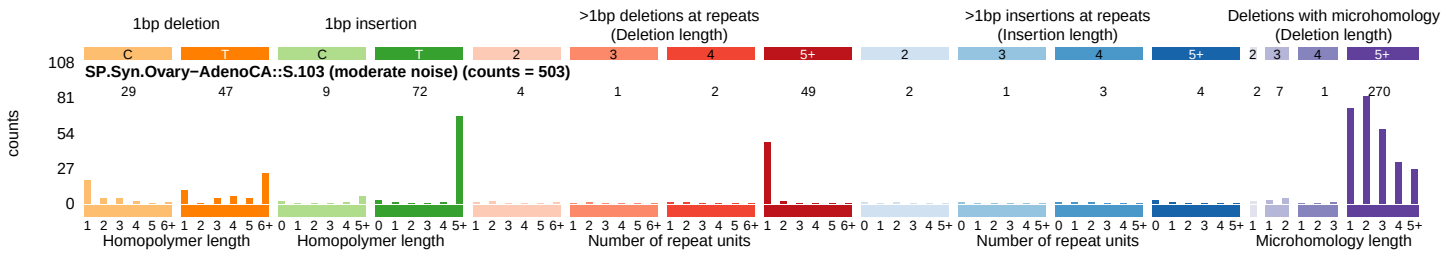
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.102 (moderate noise) (counts = 259)
counts
Homopolymer length
Number of repeat units
Microhomology length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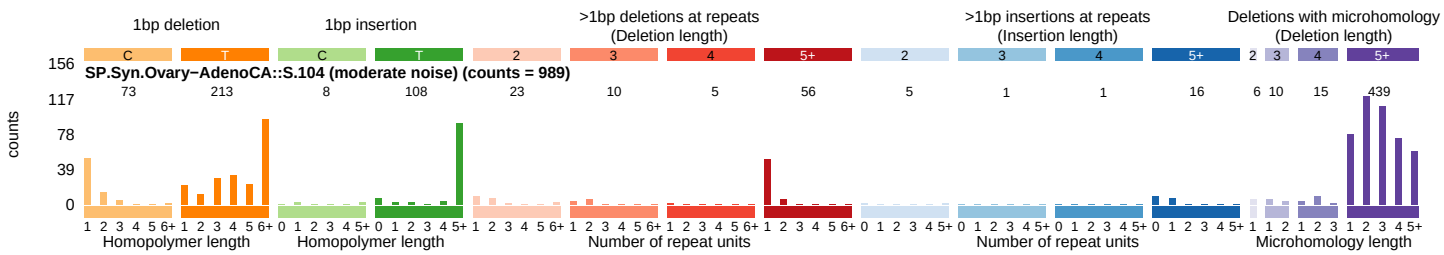
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.103 (moderate noise) (counts = 503)
counts
Homopolymer length
Number of repeat units
Microhomology length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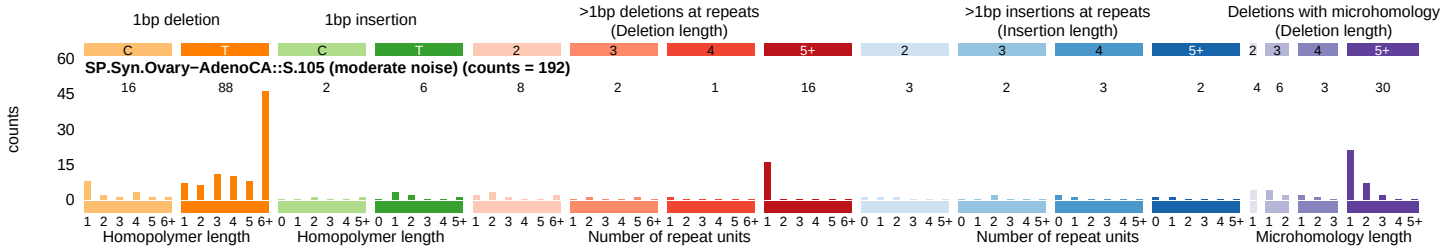
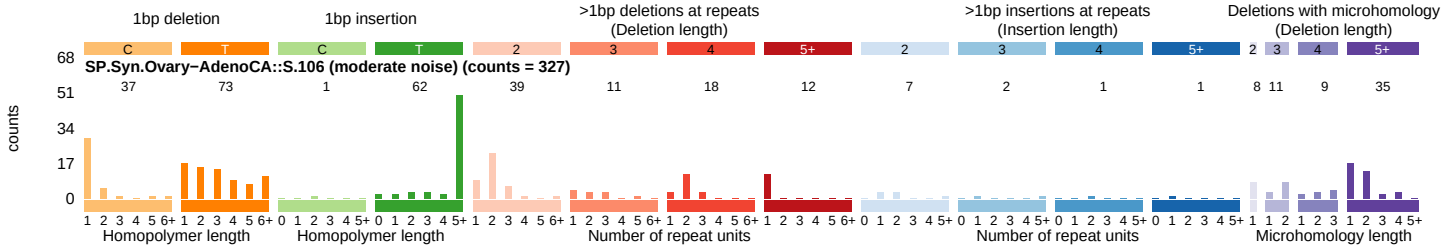
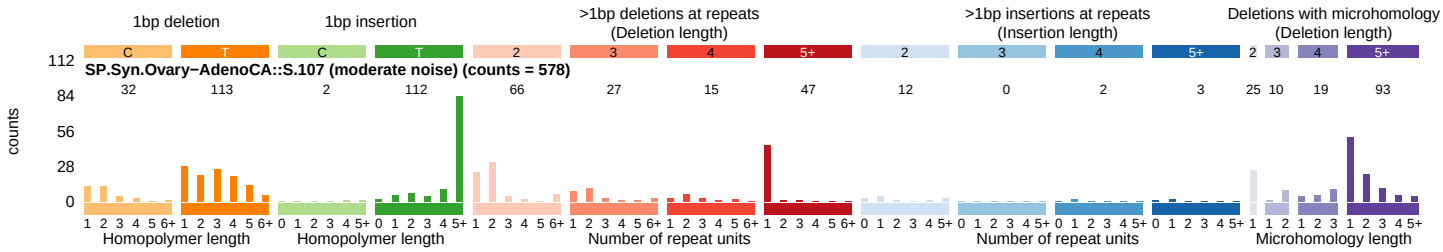
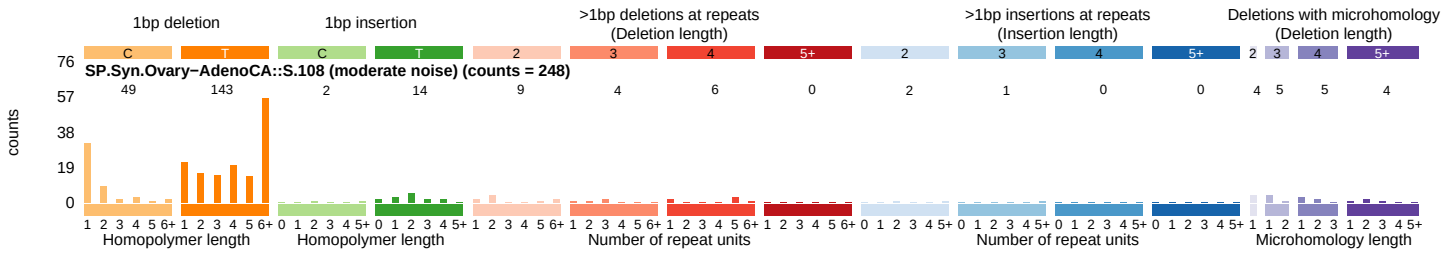
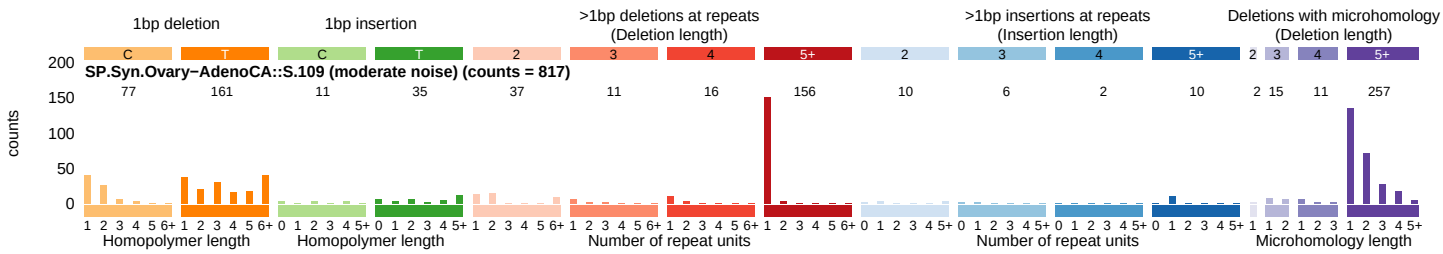
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.104 (moderate noise) (counts = 989)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.105 (moderate noise) (counts = 192)
16 88 2 6 8 2 1 16 3 2 3 2 4 6 3 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.Ovary−AdenoCA::S.106 (moderate noise) (counts = 327)
37 73 1 62 39 11 18 12 7 2 1 1 8 11 9 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.Ovary−AdenoCA::S.107 (moderate noise) (counts = 578)
32 113 2 112 66 27 15 47 12 0 2 3 25 10 19 93
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.108 (moderate noise) (counts = 248)
49 143 2 14 9 4 6 0 2 1 0 0 4 5 5 4
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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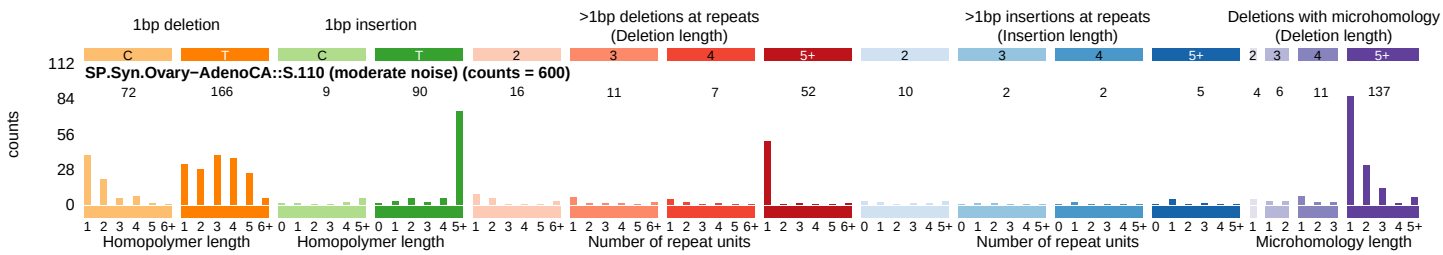
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.109 (moderate noise) (counts = 817)
77 161 11 35 37 11 16 156 10 6 2 10 2 15 11 257
counts
Homopolymer length
Number of repeat units
Microhomology length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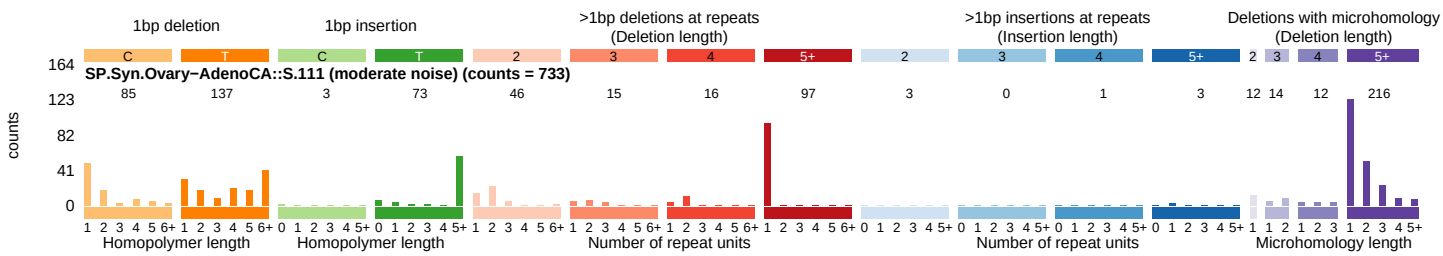
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.110 (moderate noise) (counts = 600)
72 166 9 90 16 11 7 52 10 2 2 5 4 6 11 137
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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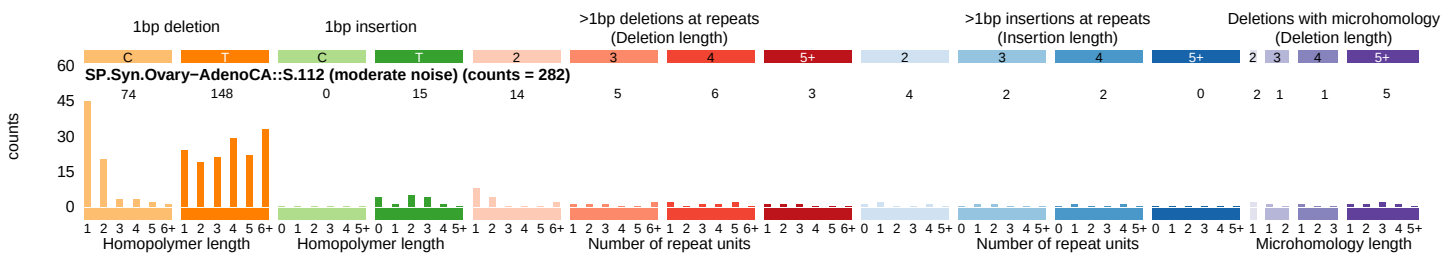
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.111 (moderate noise) (counts = 733)
85 137 3 73 46 15 16 97 3 0 1 3 12 14 12 216
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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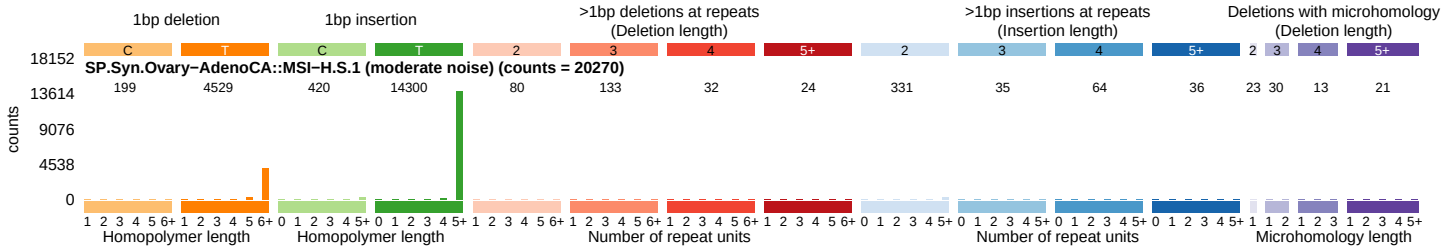
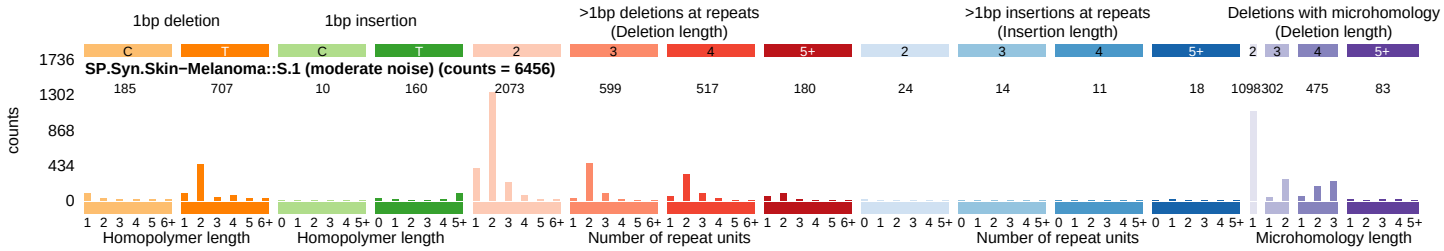
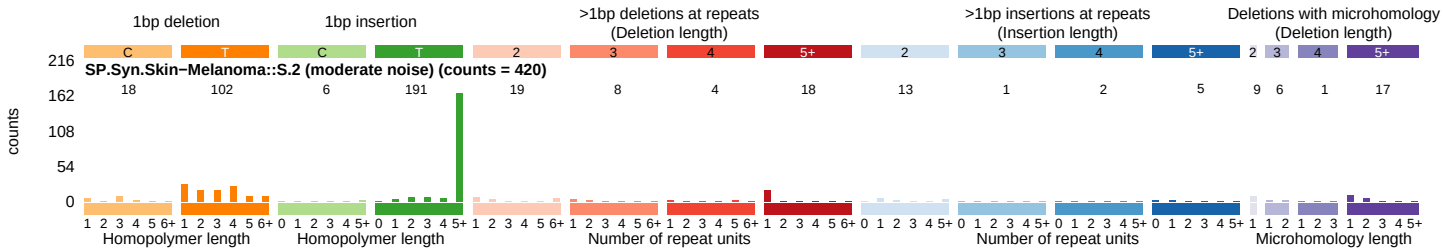
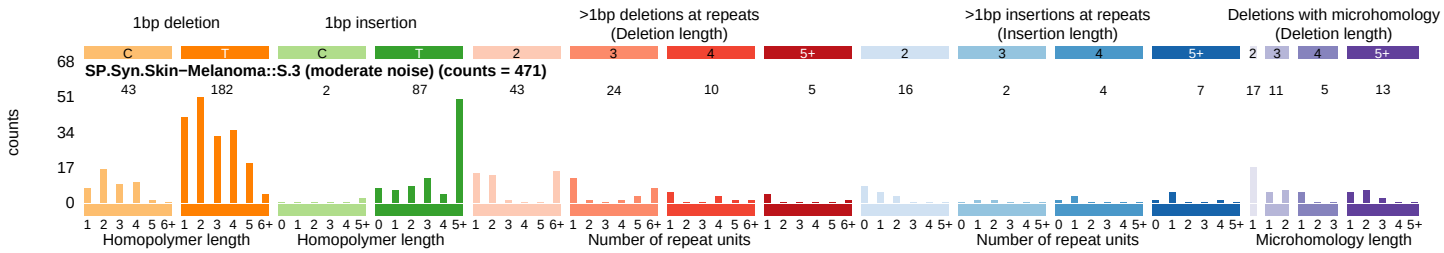
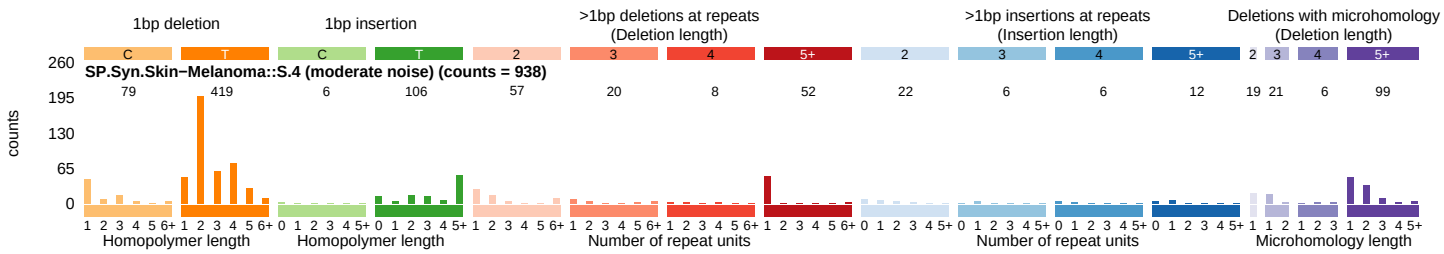
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::S.112 (moderate noise) (counts = 282)
74 148 0 15 14 5 6 3 4 2 2 0 2 1 1 5
counts
Homopolymer length
Number of repeat units
Microhomology length

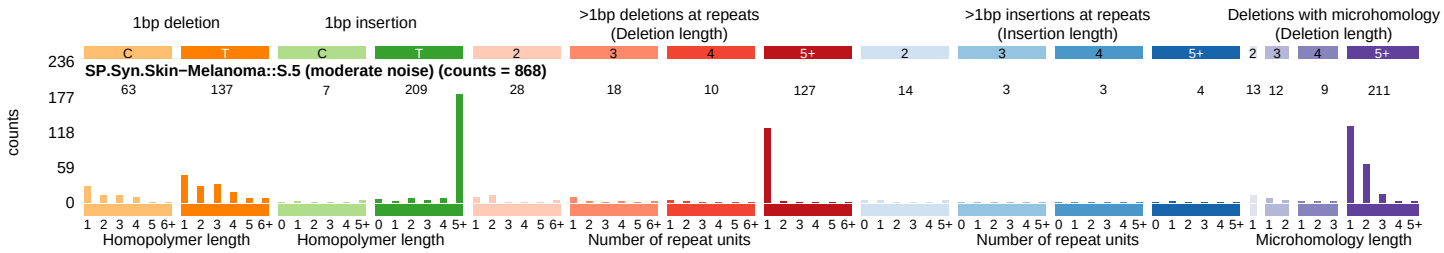

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Ovary−AdenoCA::MSI−H.S.1 (moderate noise) (counts = 20270)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
199 4529 420 14300 80 133 32 24 331 35 64 36 23 30 13 21
counts
18152
13614
9076
4538
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

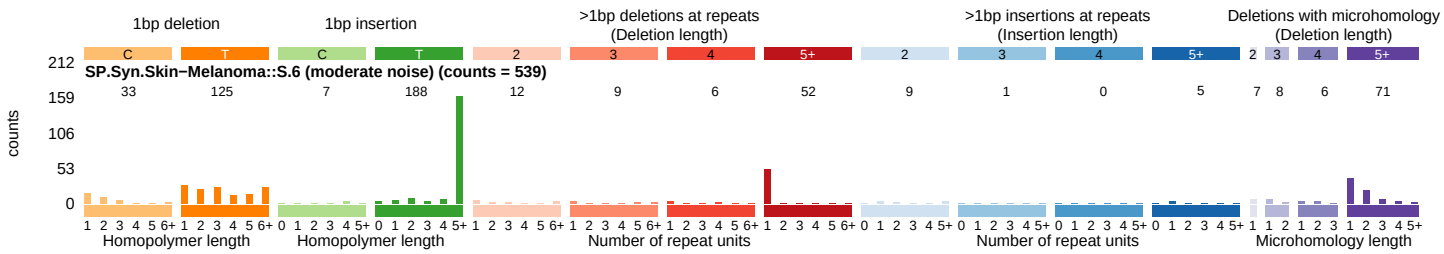

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.1 (moderate noise) (counts = 6456)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
185 707 10 160 2073 599 517 180 24 14 11 18 1098302 475 83
counts
1736
1302
868
434
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

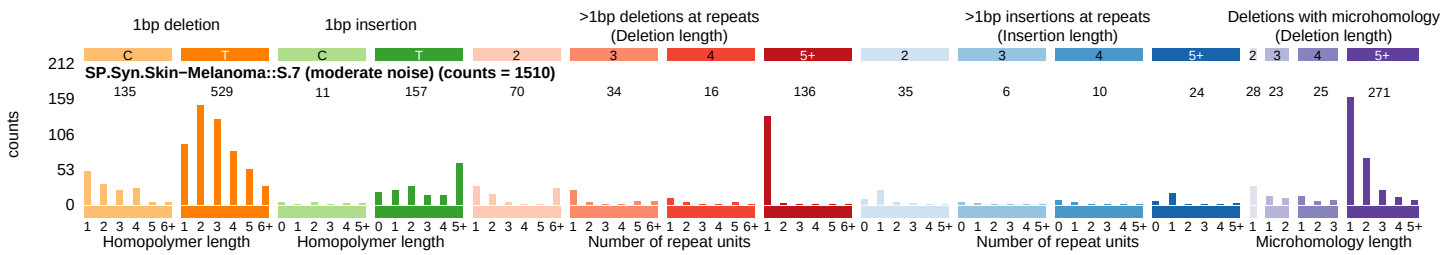

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.2 (moderate noise) (counts = 420)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
18 102 6 191 19 8 4 18 13 1 2 5 9 6 1 17
counts
216
162
108
54
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

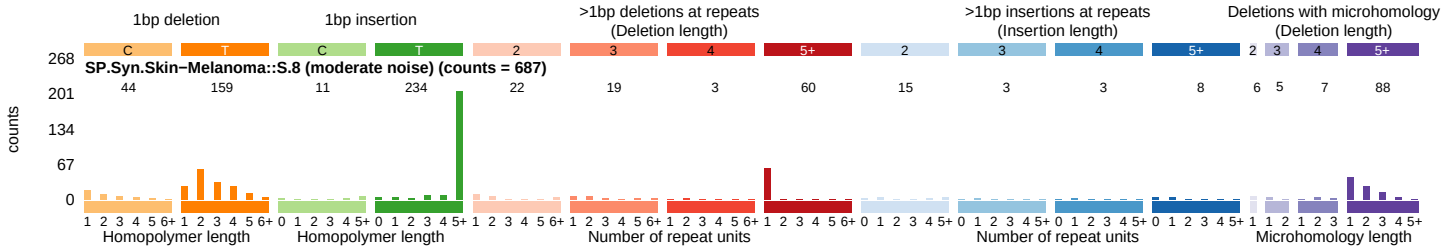

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.3 (moderate noise) (counts = 471)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
43 182 2 87 43 24 10 5 16 2 4 7 17 11 5 13
counts
68
51
34
17
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

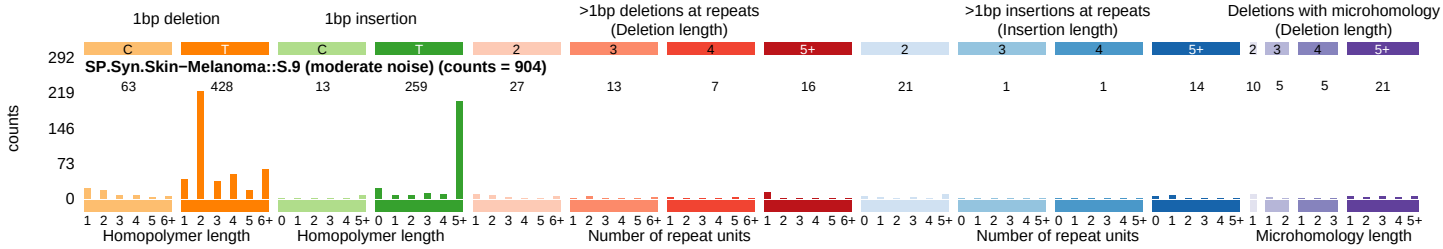

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.4 (moderate noise) (counts = 938)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
79 419 6 106 57 20 8 52 22 6 6 12 19 21 6 99
counts
260
195
130
65
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.5 (moderate noise) (counts = 868)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
63 137 7 209 28 18 10 127 14 3 3 4 13 12 9 211
counts
236
177
118
59
0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.6 (moderate noise) (counts = 539)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
33 125 7 188 12 9 6 52 9 1 0 5 7 8 6 71
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.Skin−Melanoma::S.7 (moderate noise) (counts = 1510)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
135 529 11 157 70 34 16 136 35 6 10 24 28 23 25 271
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.Skin−Melanoma::S.8 (moderate noise) (counts = 687)
counts
Homopolymer length
Number of repeat units
Microhomology length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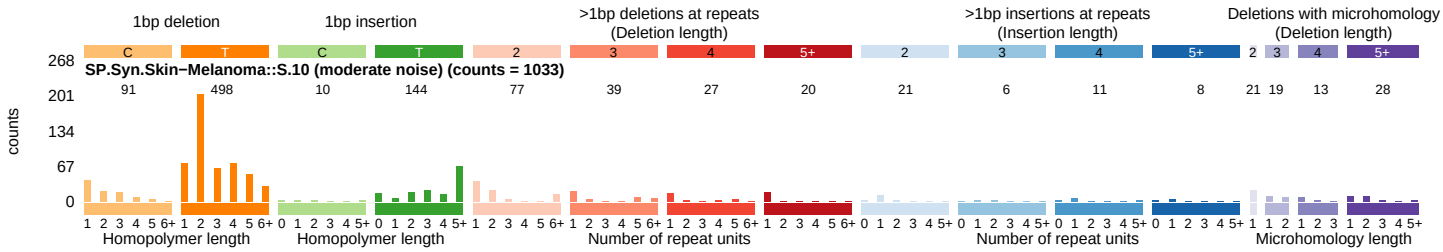
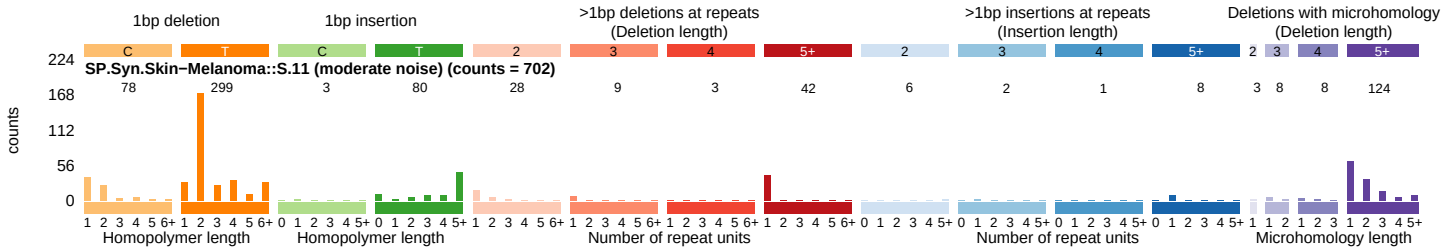
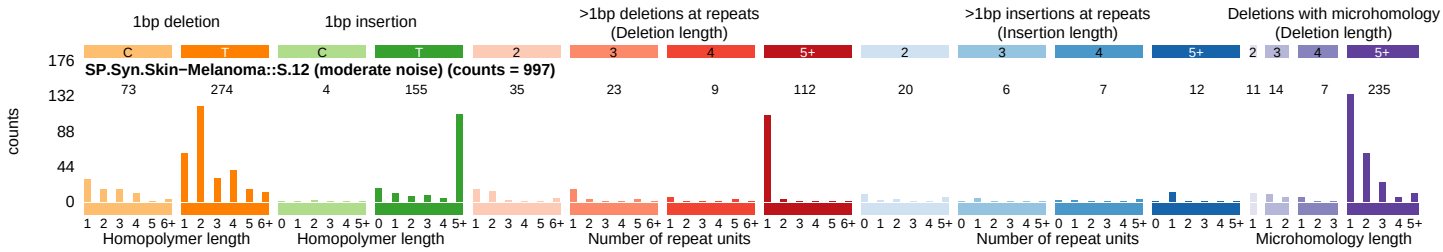
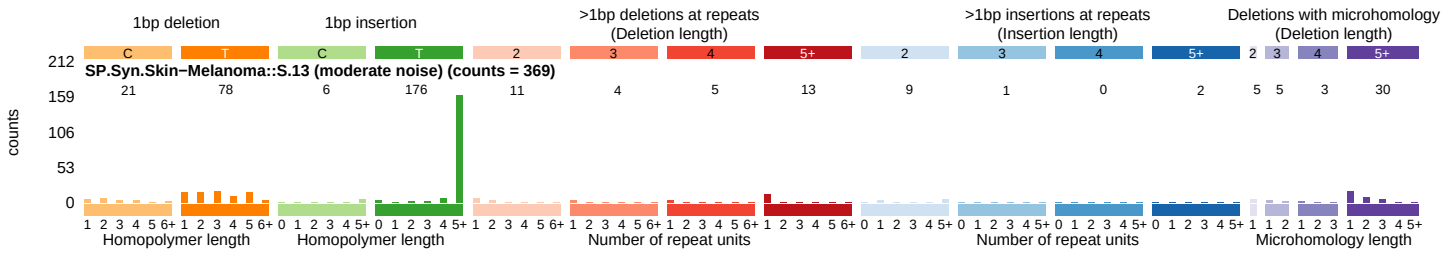
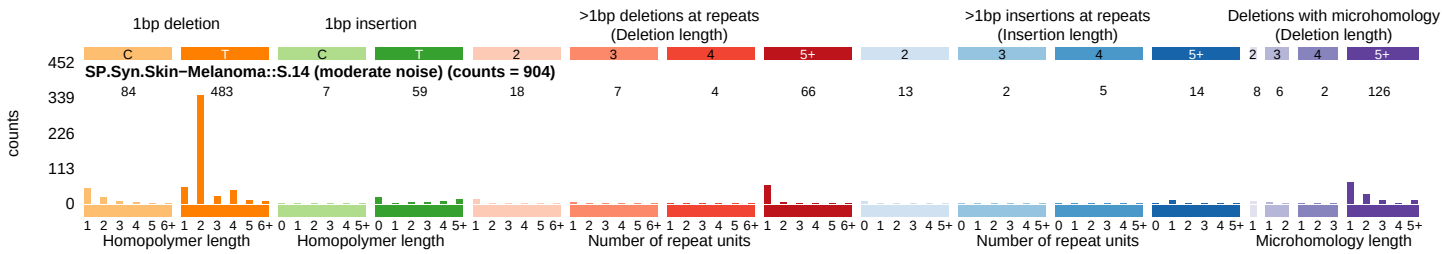
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.9 (moderate noise) (counts = 904)
counts
Homopolymer length
Number of repeat units
Microhomology length

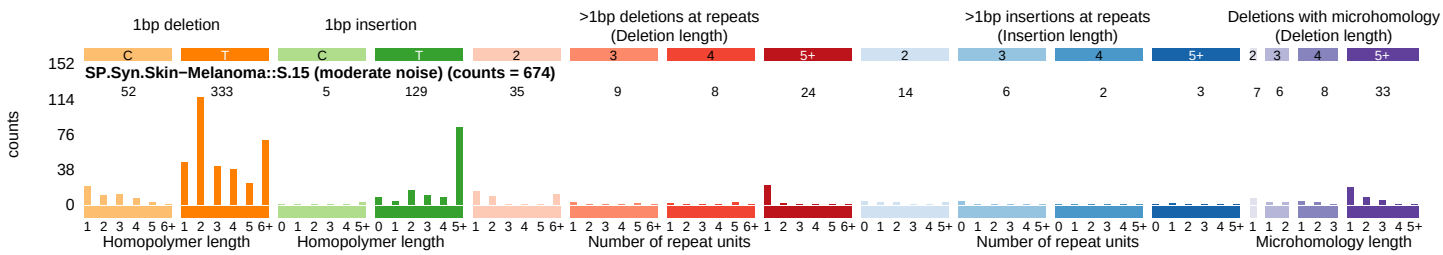

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.10 (moderate noise) (counts = 1033)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.11 (moderate noise) (counts = 702)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.12 (moderate noise) (counts = 997)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.13 (moderate noise) (counts = 369)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.14 (moderate noise) (counts = 904)
counts
Homopolymer length
Number of repeat units
Microhomology length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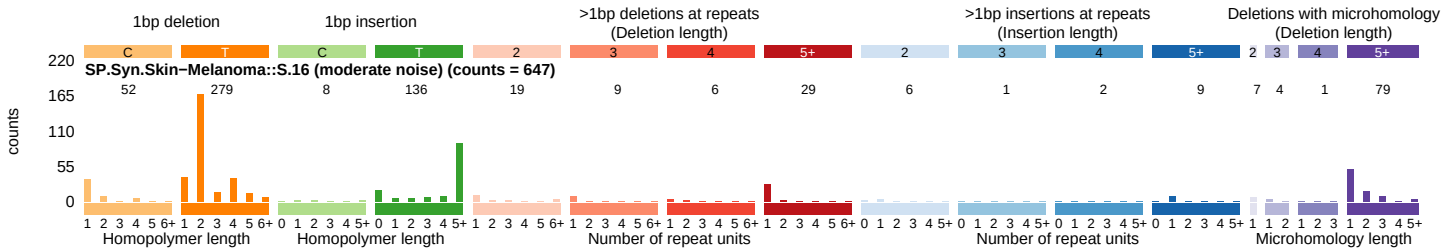
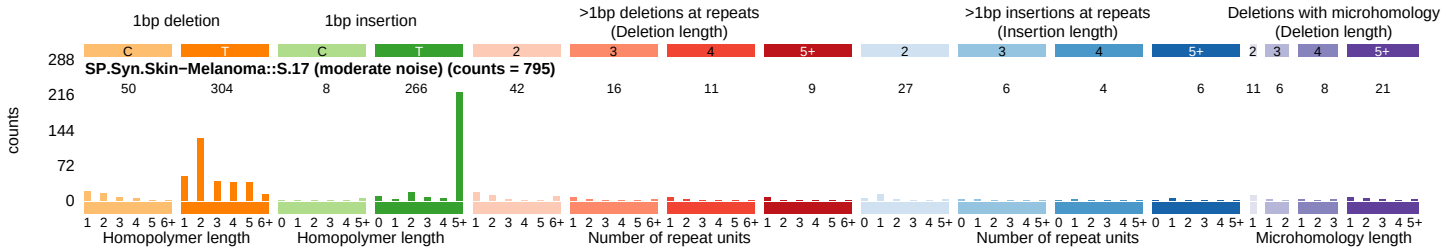
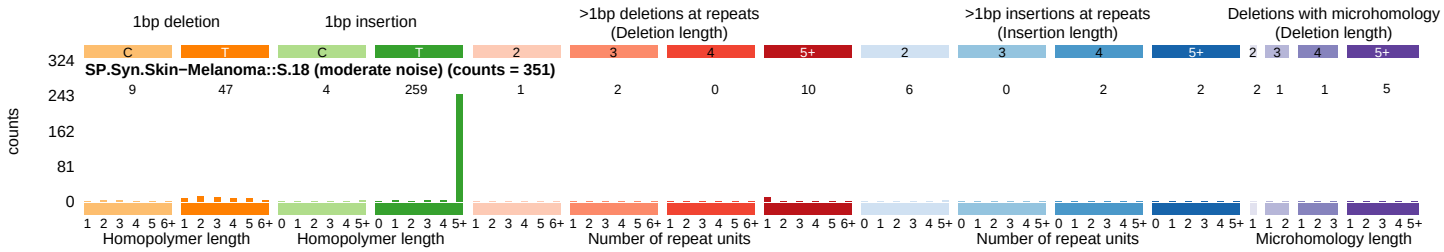
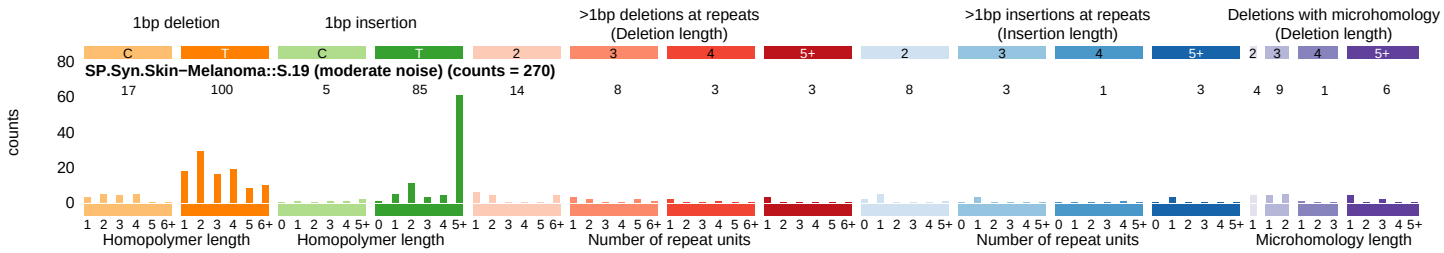
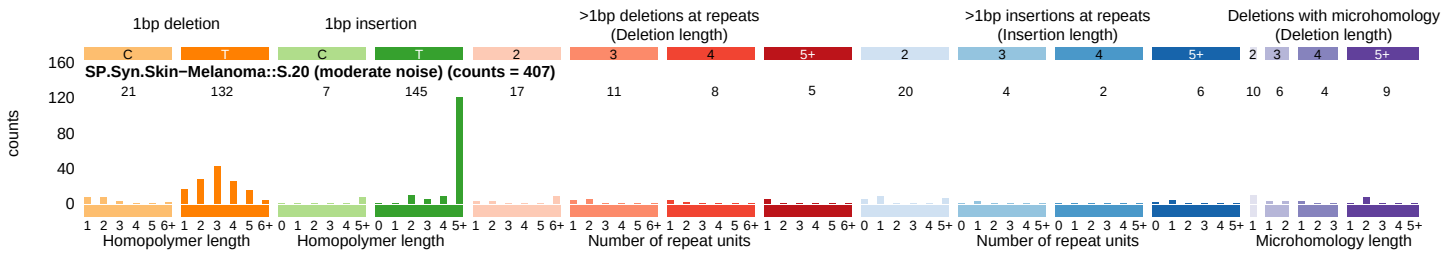
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.15 (moderate noise) (counts = 674)
counts
Homopolymer length
Number of repeat units
Microhomology length

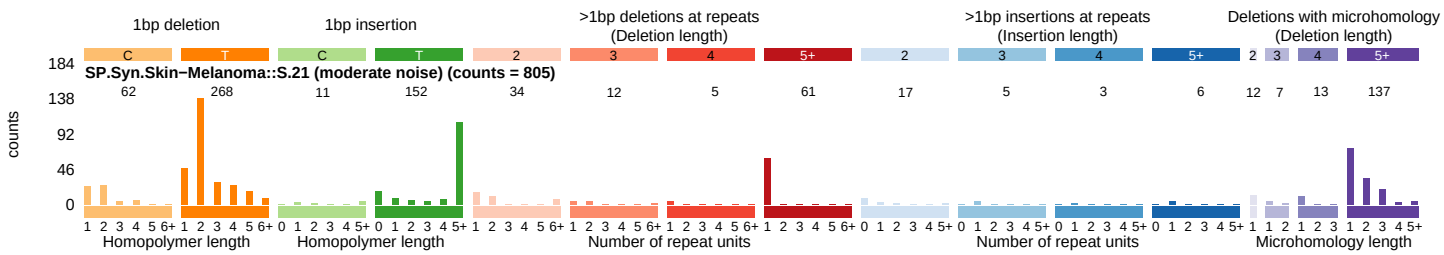

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.16 (moderate noise) (counts = 647)
52 279 8 136 19 9 6 29 6 1 2 9 7 4 1 79
counts
220 165 110 55 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

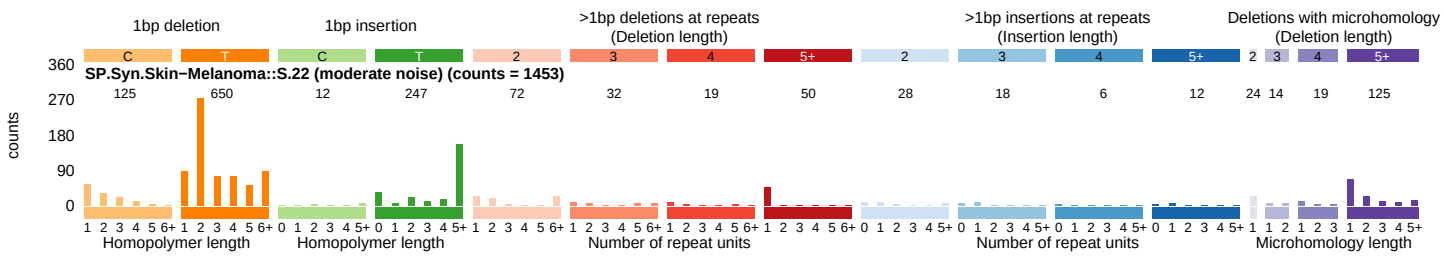

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.17 (moderate noise) (counts = 795)
50 304 8 266 42 16 11 9 27 6 4 6 11 6 8 21
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

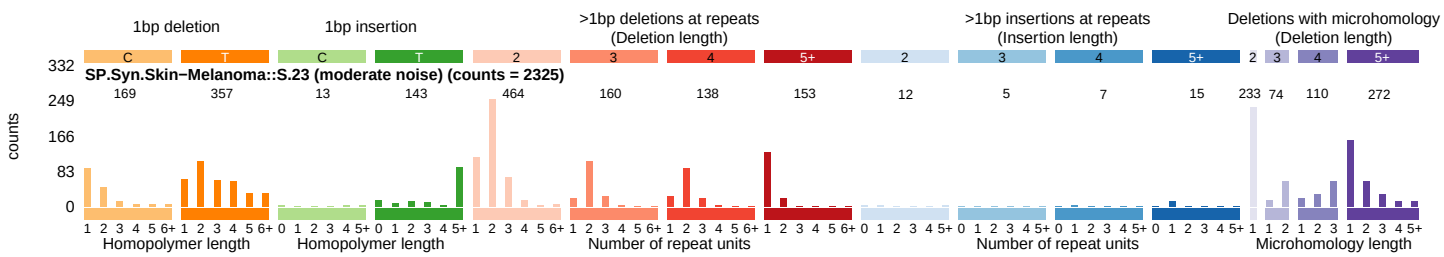

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.18 (moderate noise) (counts = 351)
9 47 4 259 1 2 0 10 6 0 2 2 2 1 1 5
counts
324 243 162 81 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

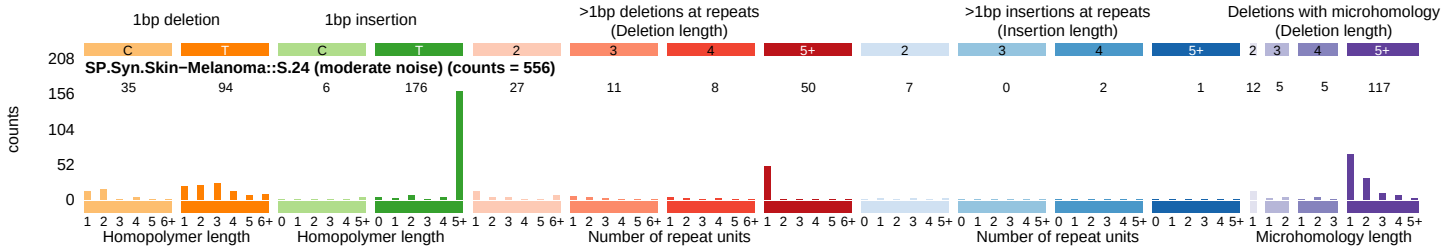

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.19 (moderate noise) (counts = 270)
17 100 5 85 14 8 3 3 8 3 1 3 4 9 1 6
counts
80 60 40 20 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

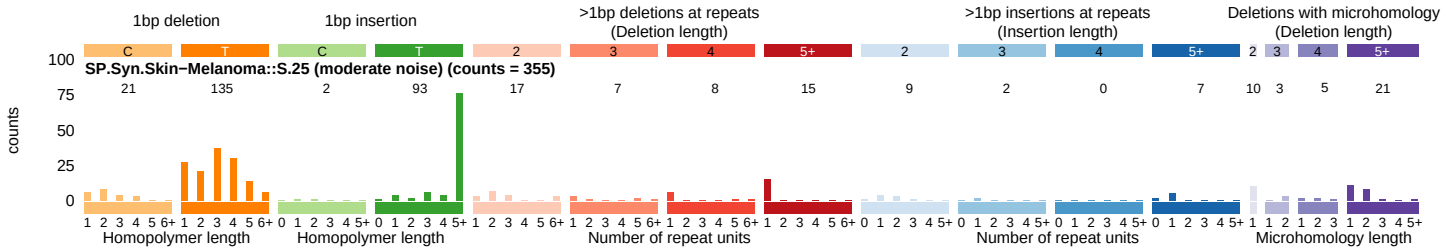

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.20 (moderate noise) (counts = 407)
21 132 7 145 17 11 8 5 20 4 2 6 10 6 4 9
counts
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

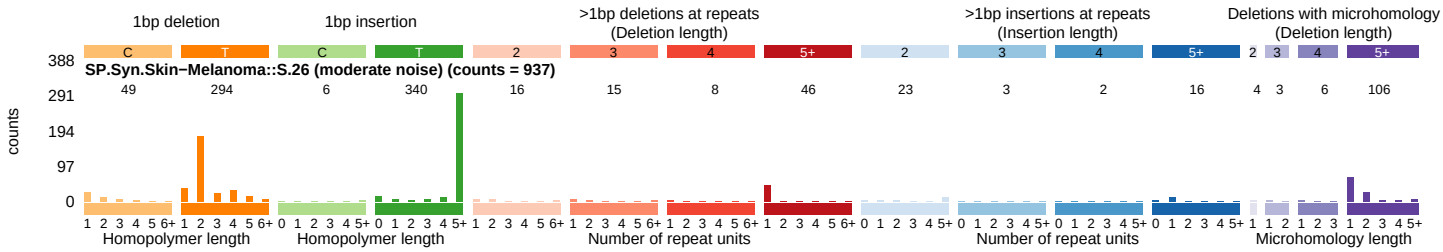

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.21 (moderate noise) (counts = 805)
62 268 11 152 34 12 5 61 17 5 3 6 12 7 13 137
counts
184 138 92 46 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

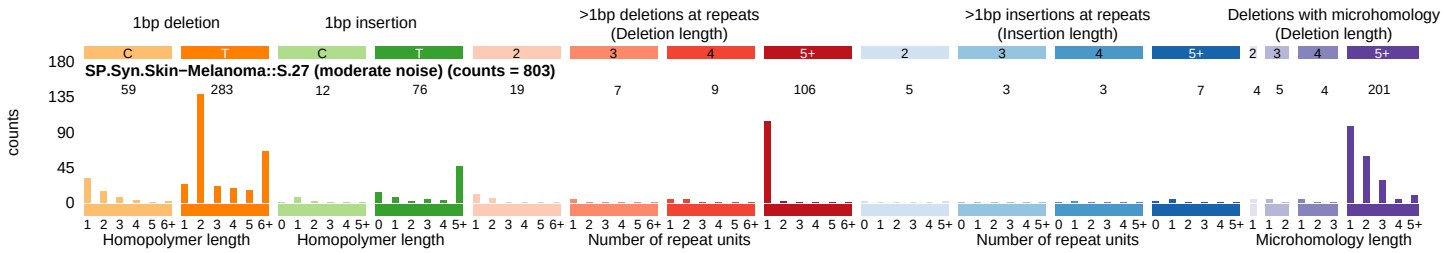

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.22 (moderate noise) (counts = 1453)
125 650 12 247 72 32 19 50 28 18 6 12 24 14 19 125
counts
360 270 180 90 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

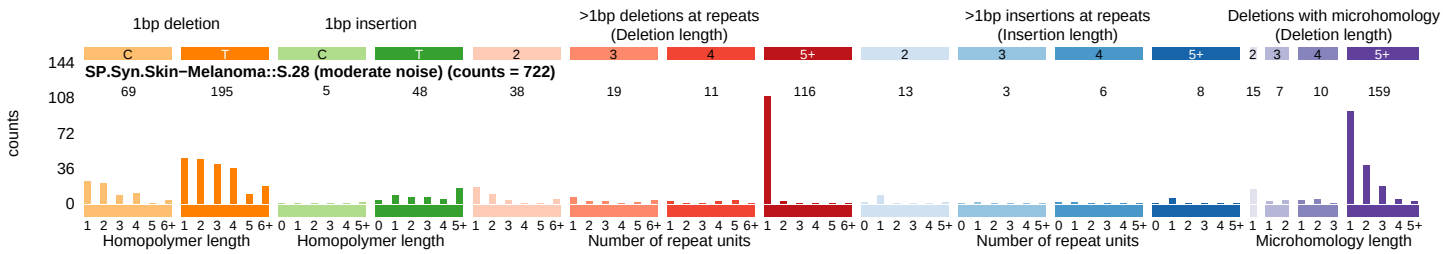

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.23 (moderate noise) (counts = 2325)
169 357 13 143 464 160 138 153 12 5 7 15 233 74 110 272
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

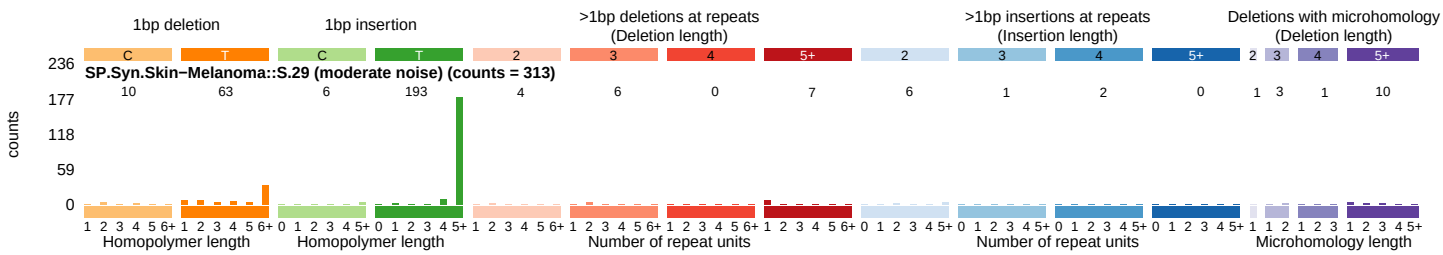

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.24 (moderate noise) (counts = 556)
35 94 6 176 27 11 8 50 7 0 2 1 12 5 5 117
counts
208 156 104 52 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

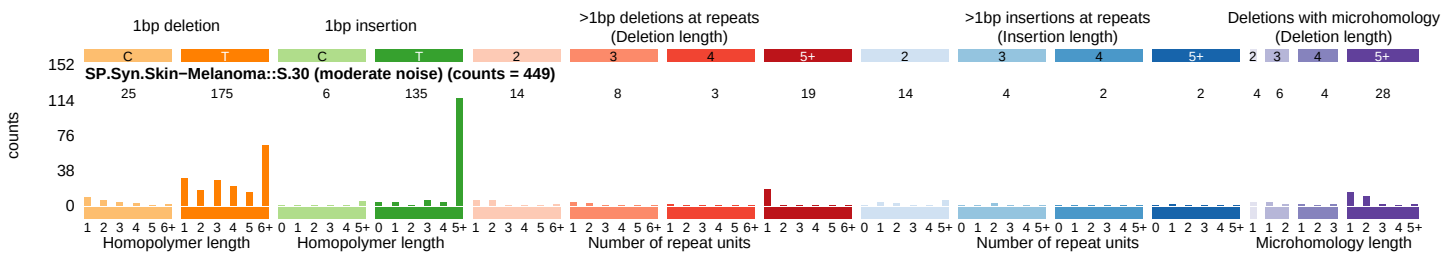

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.25 (moderate noise) (counts = 355)
21 135 2 93 17 7 8 15 9 2 0 7 10 3 5 21
counts
100 75 50 25 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

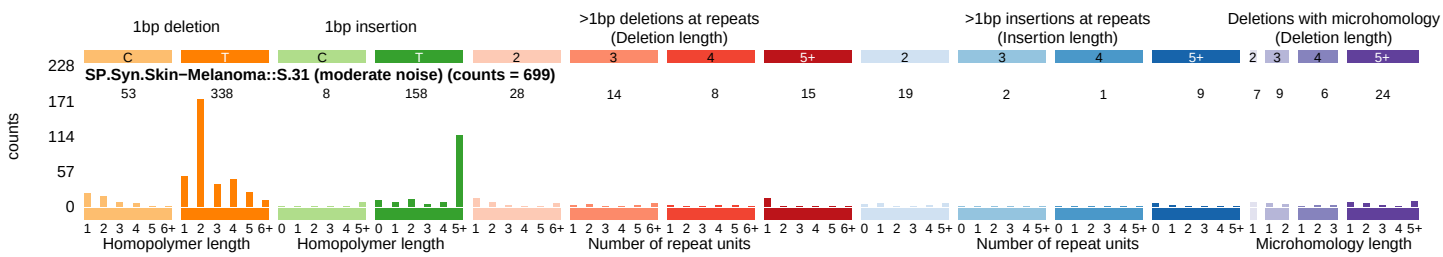

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.26 (moderate noise) (counts = 937)
49 294 6 340 16 15 8 46 23 3 2 16 4 3 6 106
counts
388 291 194 97 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

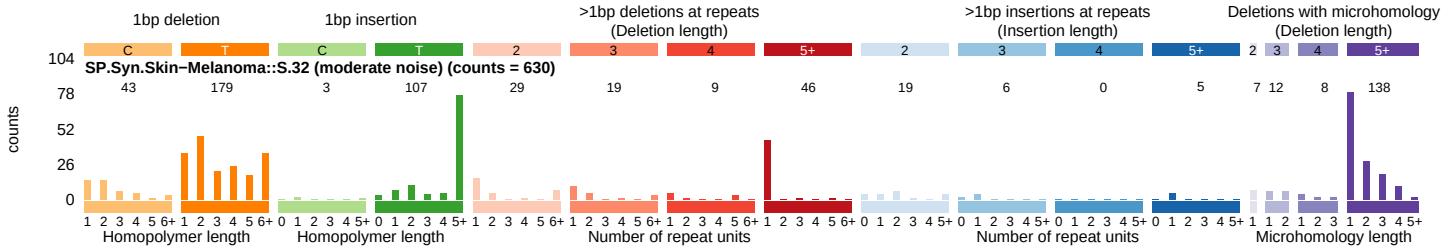

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.27 (moderate noise) (counts = 803)
59 283 12 76 19 7 9 106 5 3 3 7 4 5 4 201
counts
180 135 90 45 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

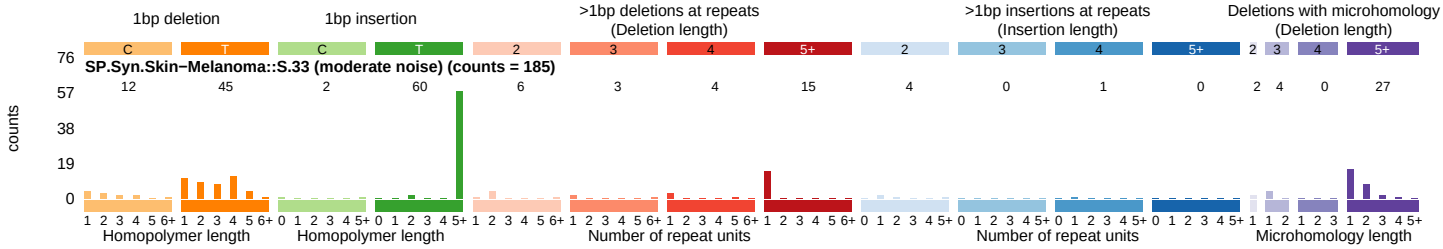

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.28 (moderate noise) (counts = 722)
69 195 5 48 38 19 11 116 13 3 6 8 15 7 10 159
counts
144 108 72 36 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

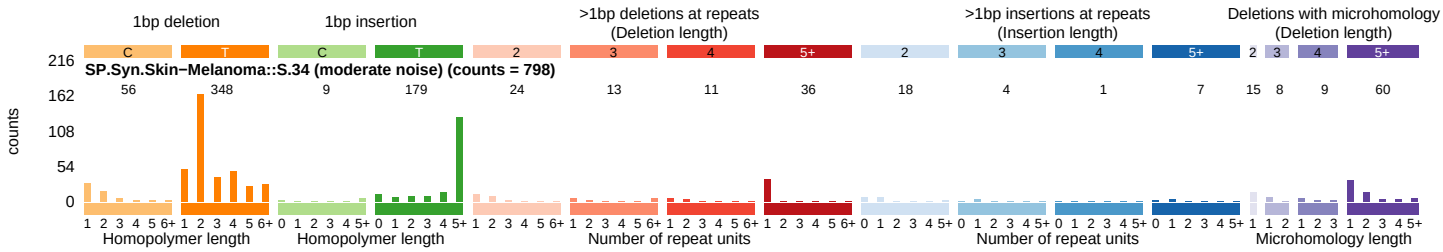

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.29 (moderate noise) (counts = 313)
10 63 6 193 4 6 0 7 6 1 2 0 1 3 1 10
counts
236 177 118 59 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

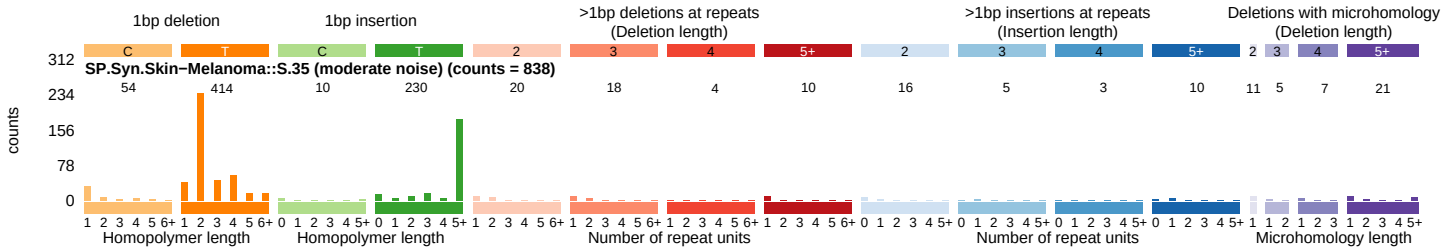

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.30 (moderate noise) (counts = 449)
25 175 6 135 14 8 3 19 14 4 2 2 4 6 4 28
counts
152 114 76 38 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.31 (moderate noise) (counts = 699)
53 338 8 158 28 14 8 15 19 2 1 9 7 9 6 24
counts
228 171 114 57 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.32 (moderate noise) (counts = 630)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.33 (moderate 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.Skin−Melanoma::S.34 (moderate noise) (counts = 798)
counts
Homopolymer length
Number of repeat units
Microhomology length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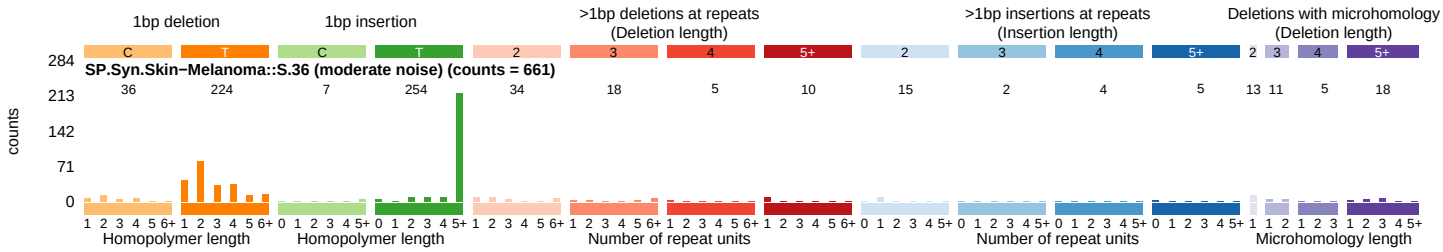
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.35 (moderate noise) (counts = 838)
counts
Homopolymer length
Number of repeat units
Microhomology length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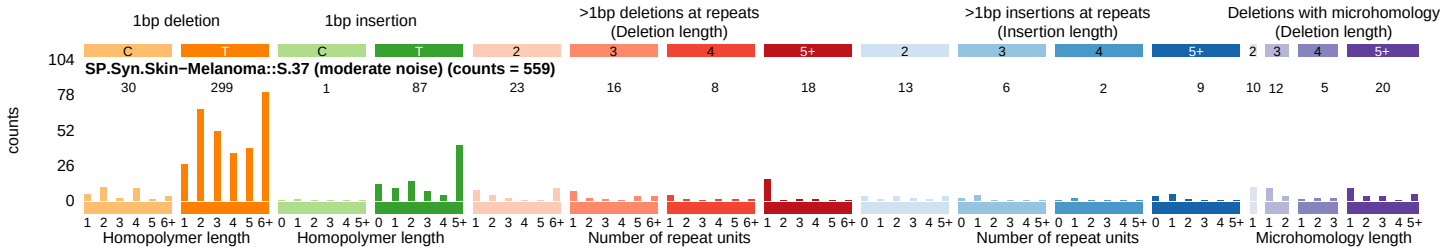
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.36 (moderate noise) (counts = 661)
counts
Homopolymer length
Number of repeat units
Microhomology length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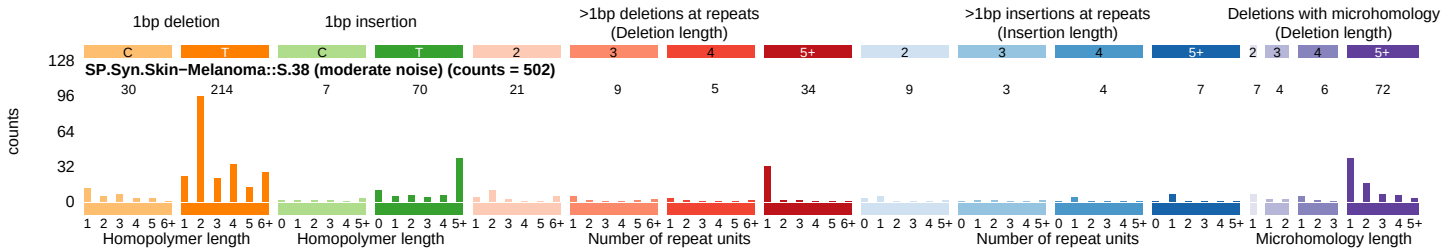
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.37 (moderate noise) (counts = 559)
counts
Homopolymer length
Number of repeat units
Microhomology length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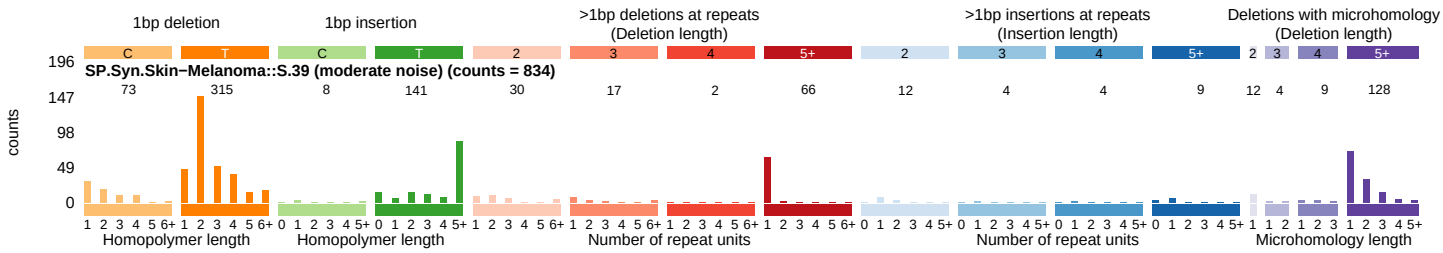
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.38 (moderate noise) (counts = 502)
counts
Homopolymer length
Number of repeat units
Microhomology length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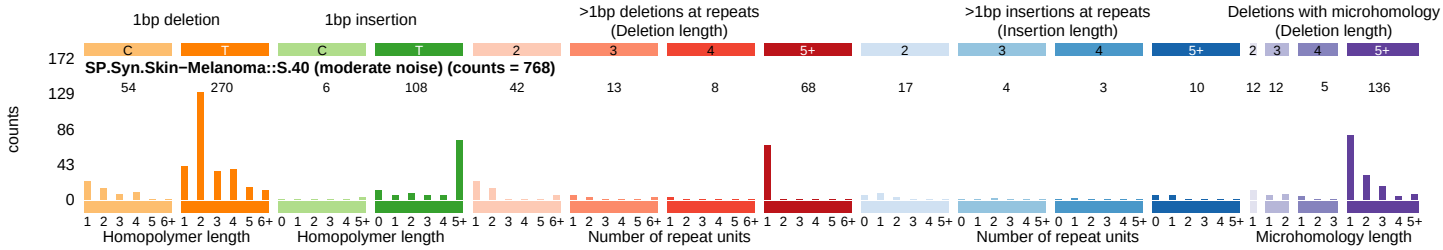
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.39 (moderate noise) (counts = 834)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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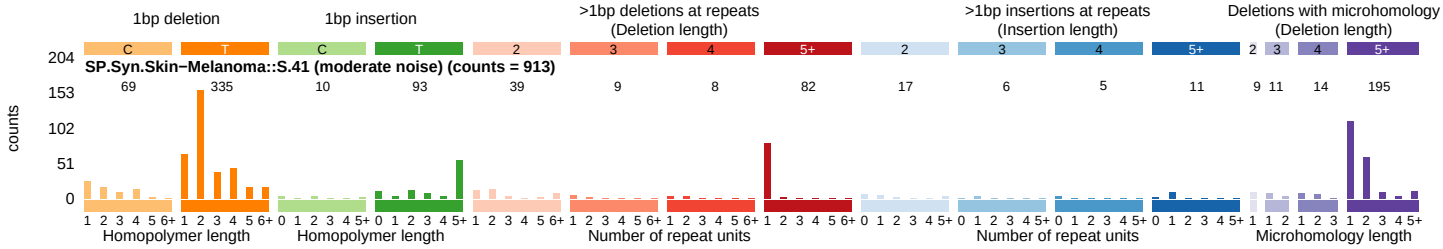
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.40 (moderate noise) (counts = 768)
54 270 6 108 42 13 8 68 17 4 3 10 12 12 5 136
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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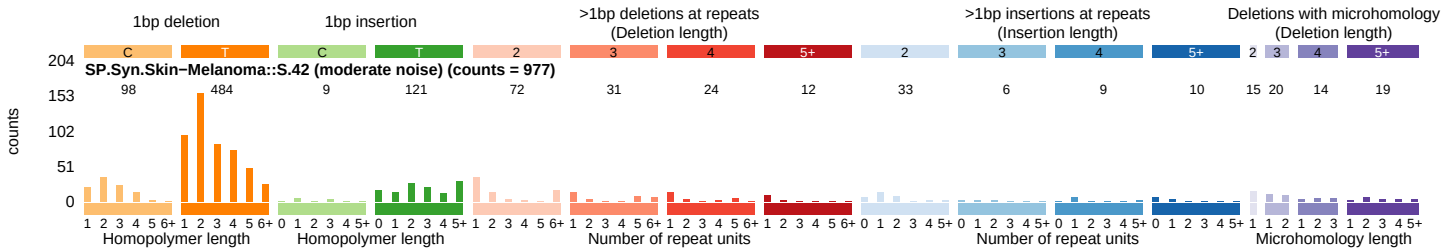
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.41 (moderate noise) (counts = 913)
69 335 10 93 39 9 8 82 17 6 5 11 9 11 14 195
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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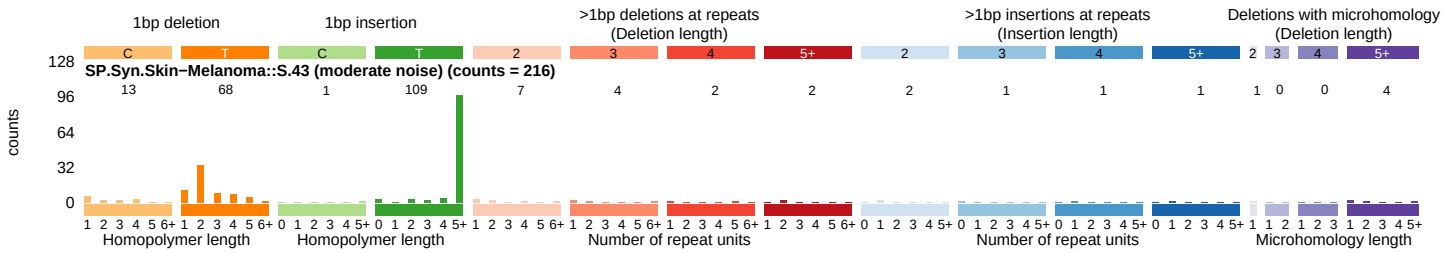
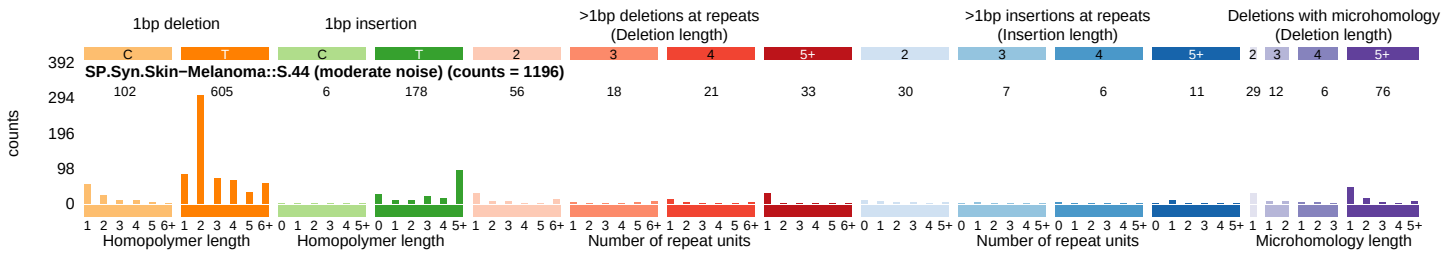
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.42 (moderate noise) (counts = 977)
98 484 9 121 72 31 24 12 33 6 9 10 15 20 14 19
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.43 (moderate noise) (counts = 216)
13 68 1 109 7 4 2 2 2 1 1 1 1 0 0 4
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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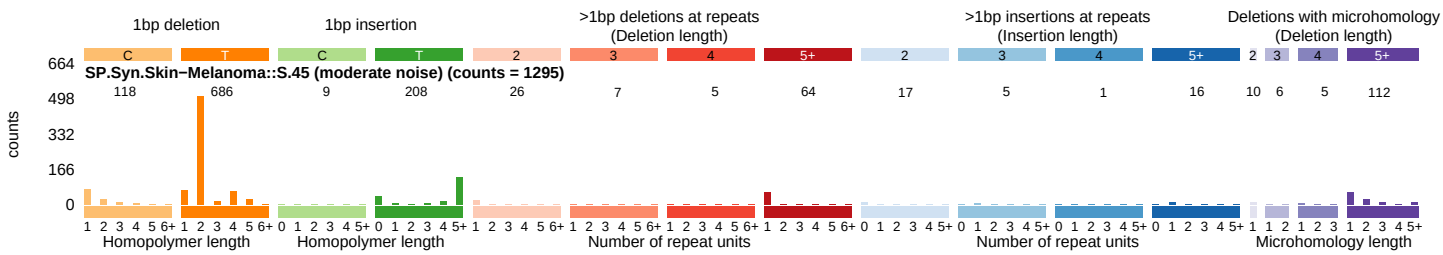
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.44 (moderate noise) (counts = 1196)
102 605 6 178 56 18 21 33 30 7 6 11 29 12 6 76
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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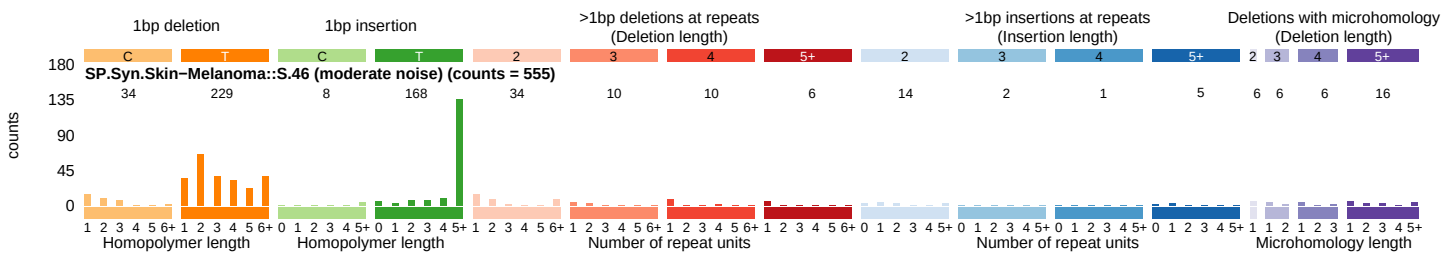
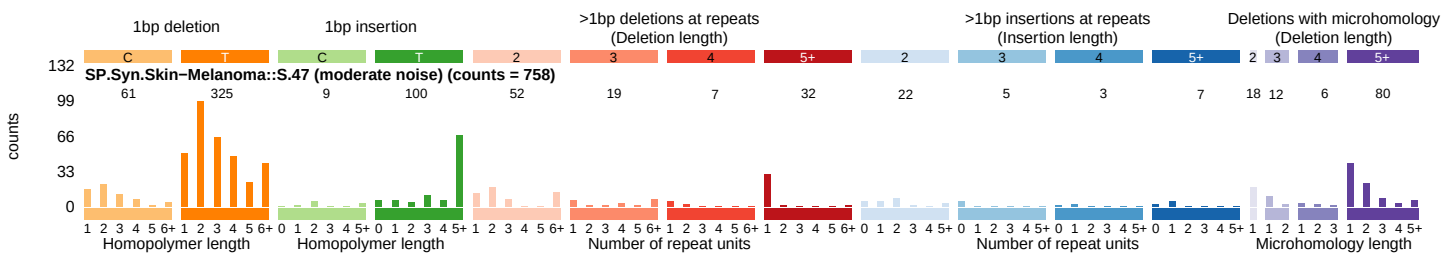
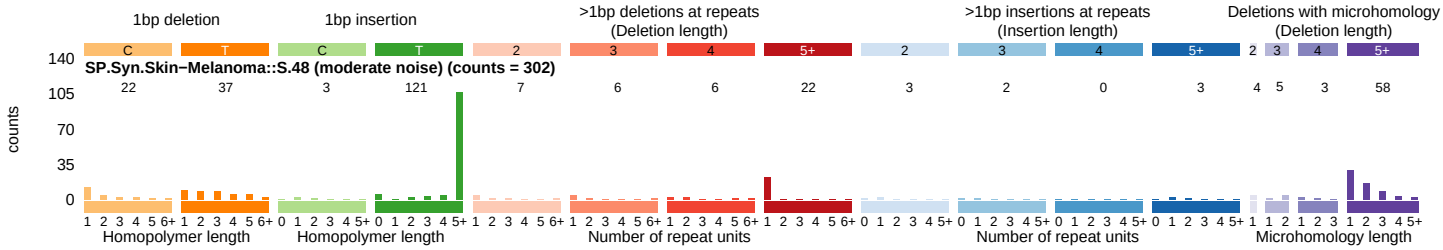
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.45 (moderate noise) (counts = 1295)
118 686 9 208 26 7 5 64 17 5 1 16 10 6 5 112
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.46 (moderate noise) (counts = 555)
34 229 8 168 34 10 10 6 14 2 1 5 6 6 6 16
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.47 (moderate noise) (counts = 758)
61 325 9 100 52 19 7 32 22 5 3 7 18 12 6 80
counts
Homopolymer length
Number of repeat units
Microhomology length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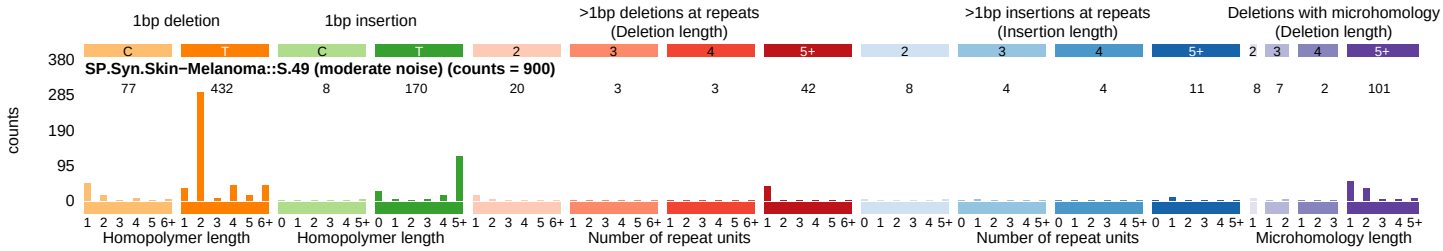
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.48 (moderate noise) (counts = 302)
counts
Homopolymer length
Number of repeat units
Microhomology length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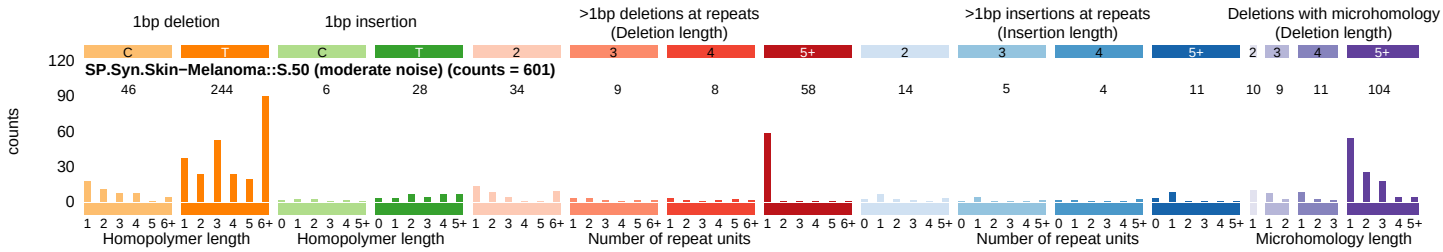
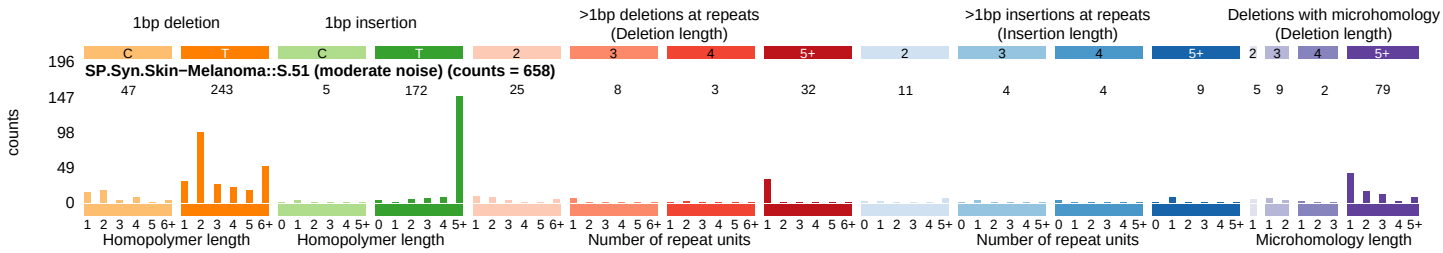
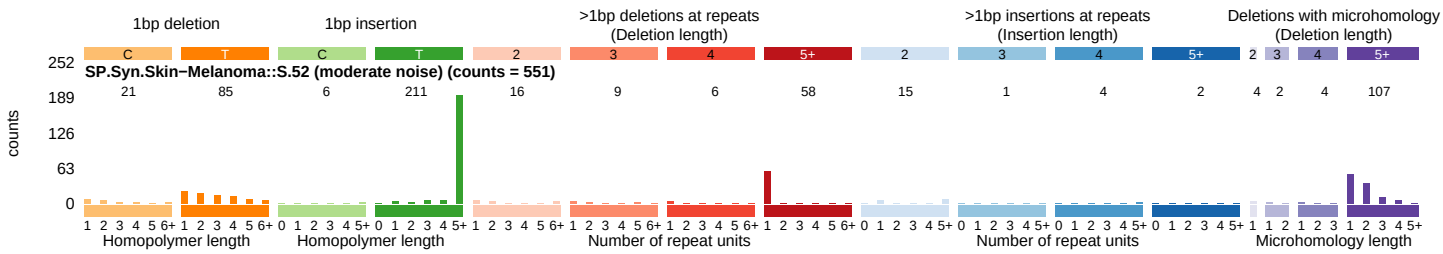
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.49 (moderate noise) (counts = 900)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (moderate noise) (counts = 601)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.51 (moderate noise) (counts = 658)
counts
Homopolymer length
Number of repeat units
Microhomology length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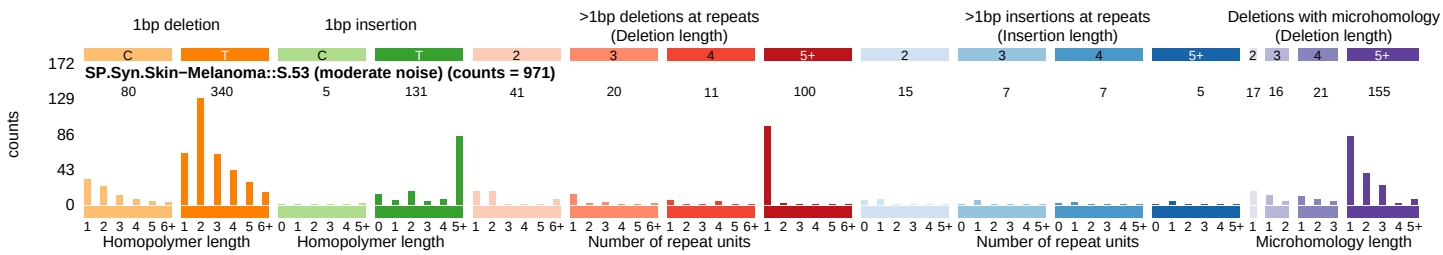
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.52 (moderate noise) (counts = 551)
counts
Homopolymer length
Number of repeat units
Microhomology length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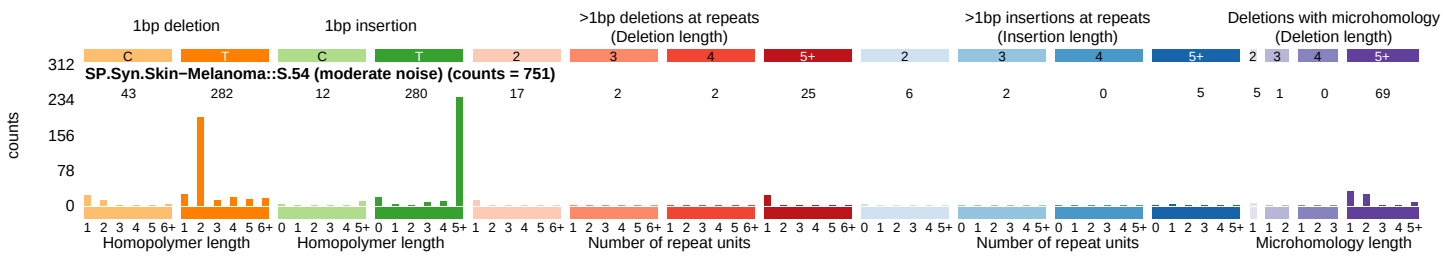
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.53 (moderate noise) (counts = 971)
counts
Homopolymer length
Number of repeat units
Microhomology length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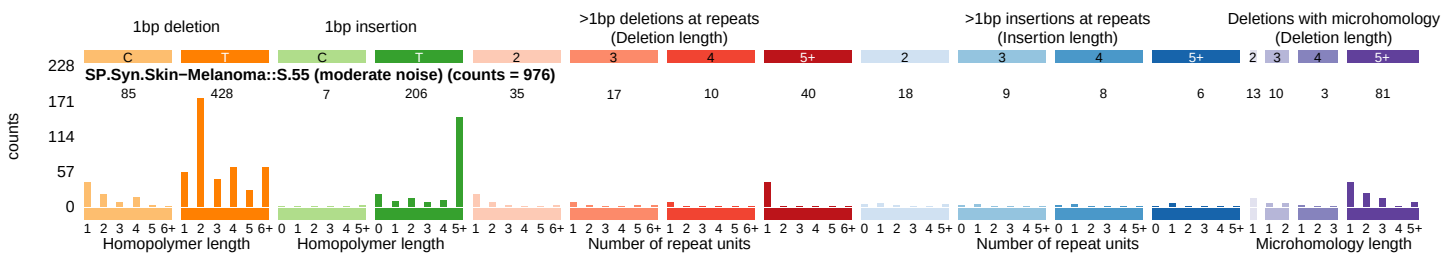
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.54 (moderate noise) (counts = 751)
counts
Homopolymer length
Number of repeat units
Microhomology length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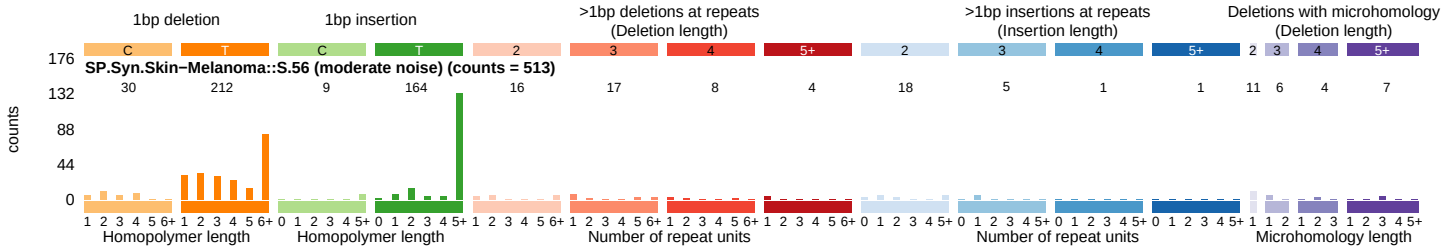
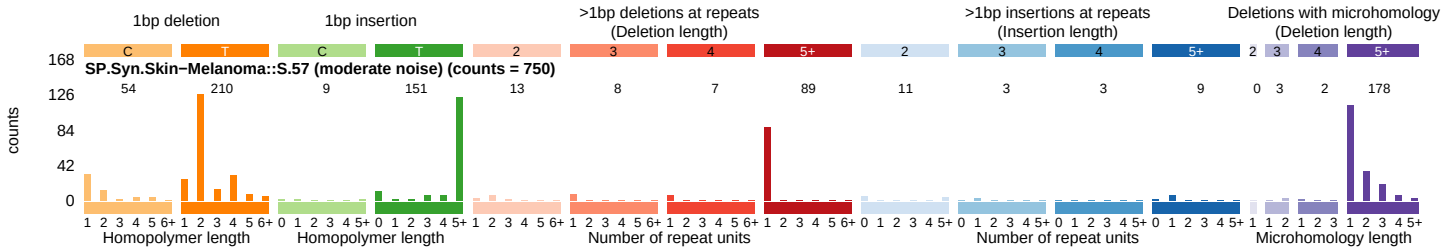
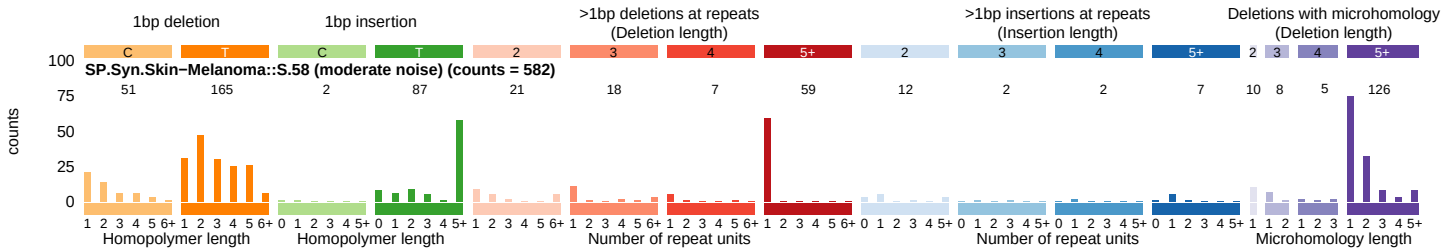
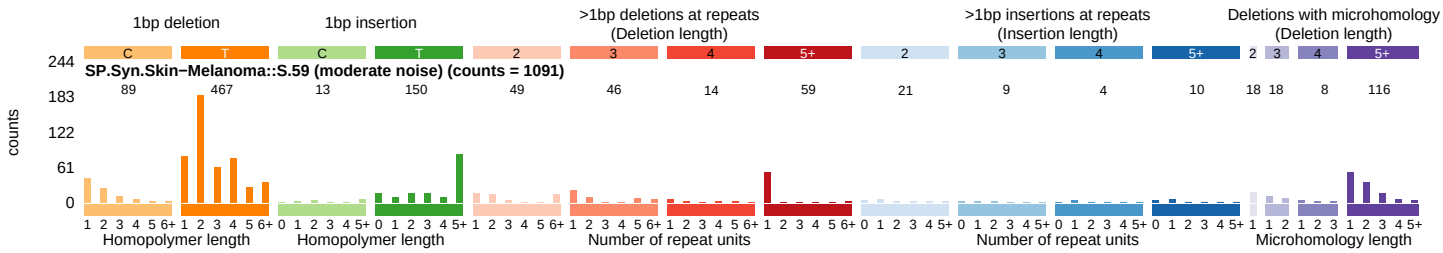
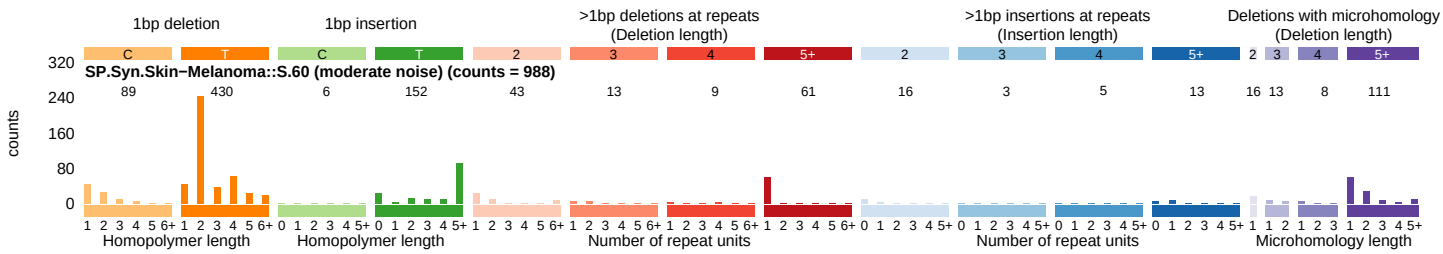
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.55 (moderate noise) (counts = 976)
counts
Homopolymer length
Number of repeat units
Microhomology length

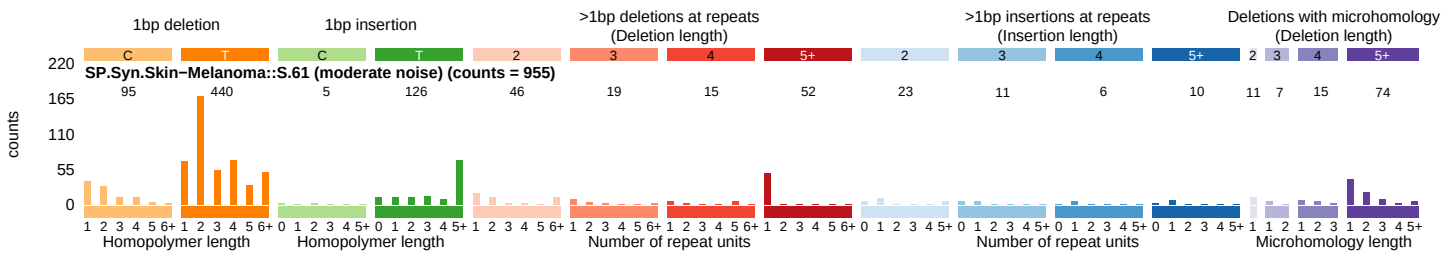

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.56 (moderate noise) (counts = 513)
counts
Homopolymer length
Number of repeat units
Microhomology length

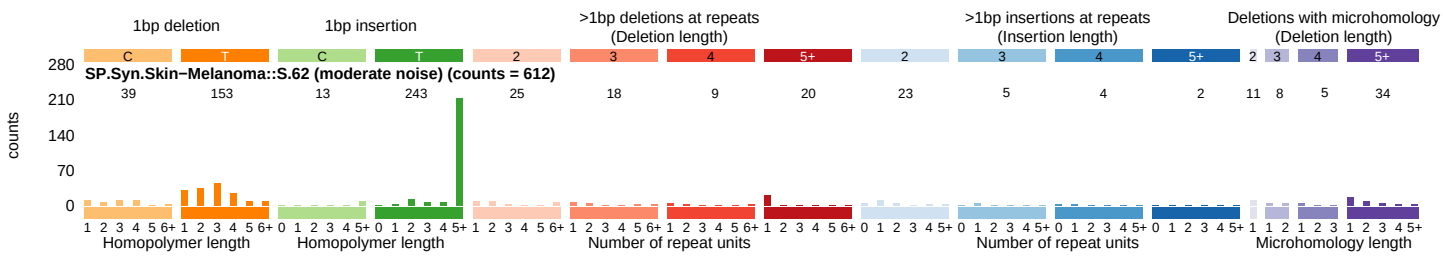

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.57 (moderate noise) (counts = 750)
counts
Homopolymer length
Number of repeat units
Microhomology length

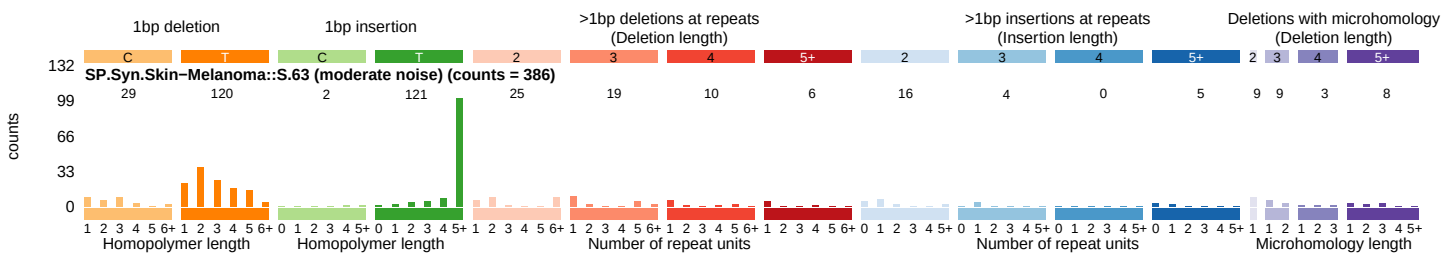

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.58 (moderate noise) (counts = 582)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.59 (moderate noise) (counts = 1091)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (moderate noise) (counts = 988)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (moderate noise) (counts = 955)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (moderate noise) (counts = 612)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
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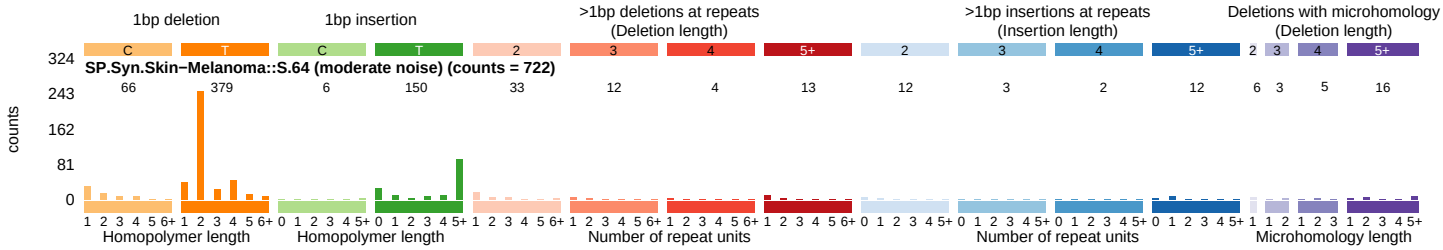
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.63 (moderate noise) (counts = 386)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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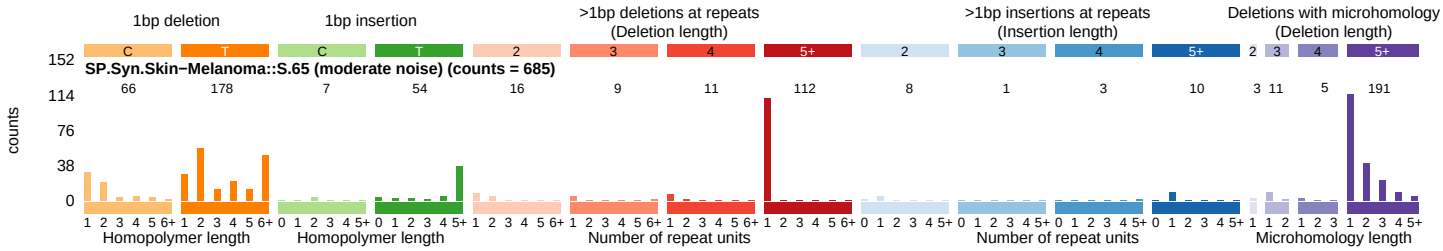
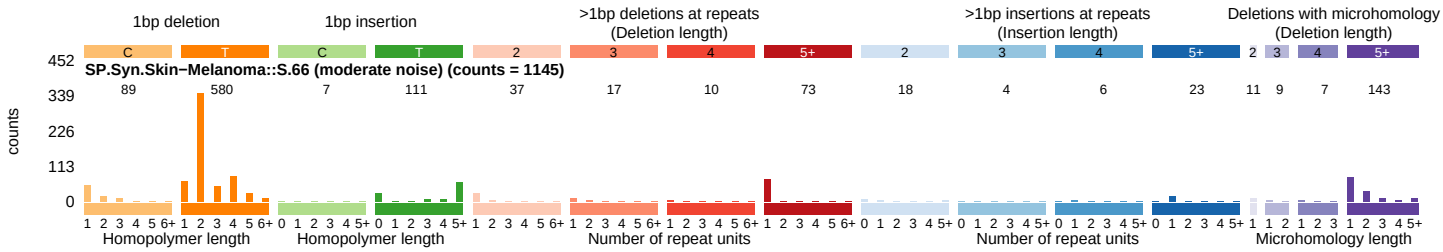
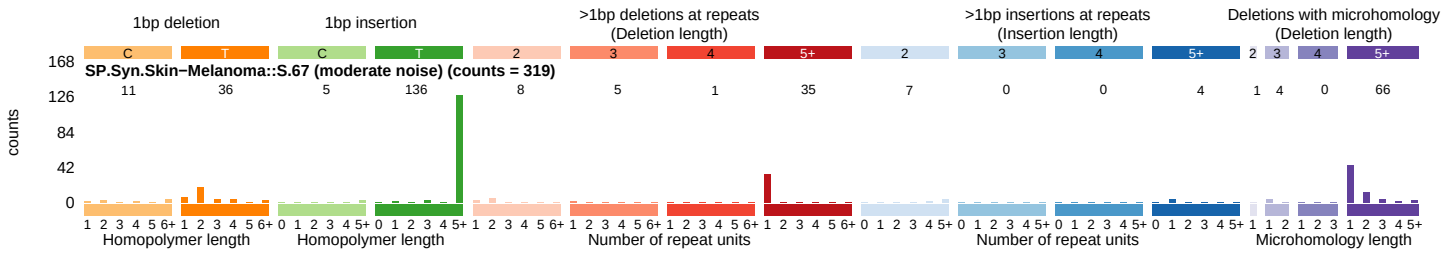
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.64 (moderate noise) (counts = 722)
66 379 6 150 33 12 4 13 12 3 2 12 6 3 5 16
counts
324 243 162 81 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion 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 (moderate noise) (counts = 685)
66 178 7 54 16 9 11 112 8 1 3 10 3 11 5 191
counts
152 114 76 38 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.66 (moderate noise) (counts = 1145)
89 580 7 111 37 17 10 73 18 4 6 23 11 9 7 143
counts
452 339 226 113 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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1bp insertion
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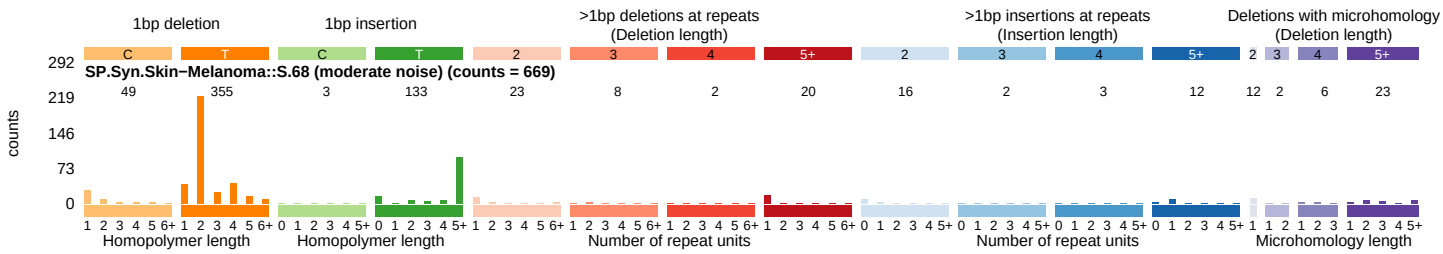
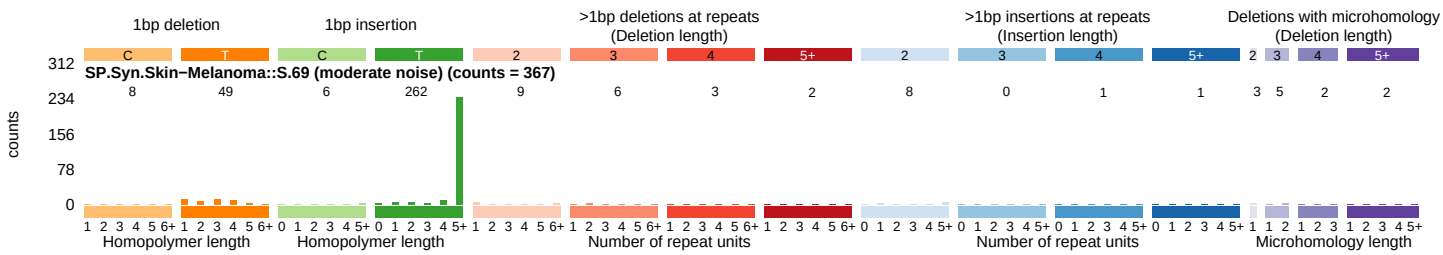
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.67 (moderate noise) (counts = 319)
11 36 5 136 8 5 1 35 7 0 0 4 1 4 0 66
counts
168 126 84 42 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.68 (moderate noise) (counts = 669)
49 355 3 133 23 8 2 20 16 2 3 12 12 2 6 23
counts
292 219 146 73 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 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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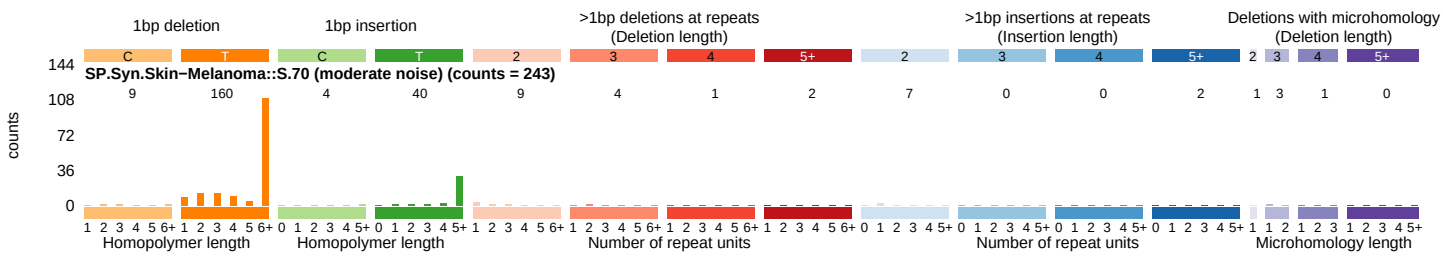
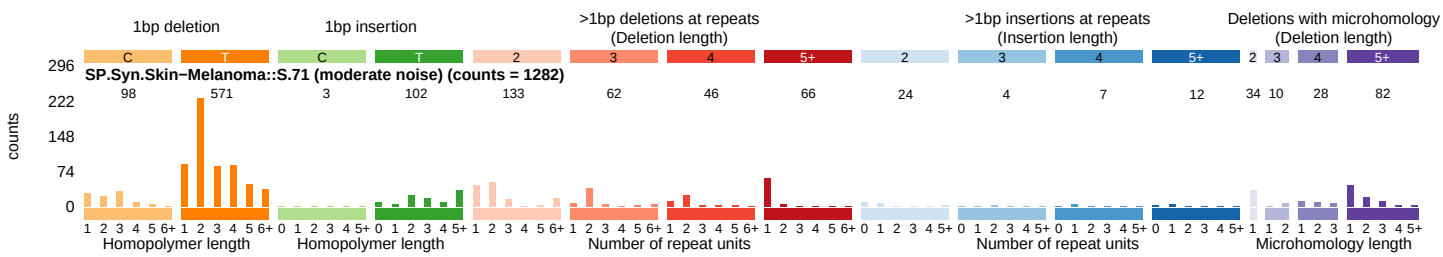
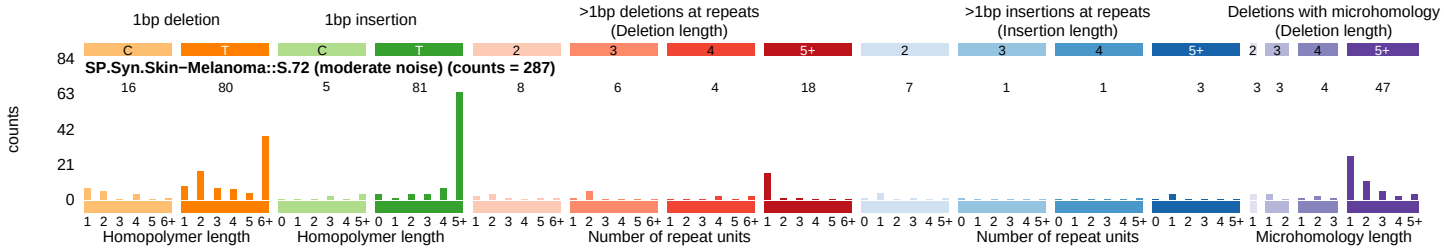
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.69 (moderate noise) (counts = 367)
8 49 6 262 9 6 3 2 8 0 1 1 3 5 2 2
counts
312 234 156 78 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.70 (moderate noise) (counts = 243)
9 160 4 40 9 4 1 2 7 0 0 2 1 3 1 0
counts
144 108 72 36 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.71 (moderate noise) (counts = 1282)
98 571 3 102 133 62 46 66 24 4 7 12 34 10 28 82
counts
296 222 148 74 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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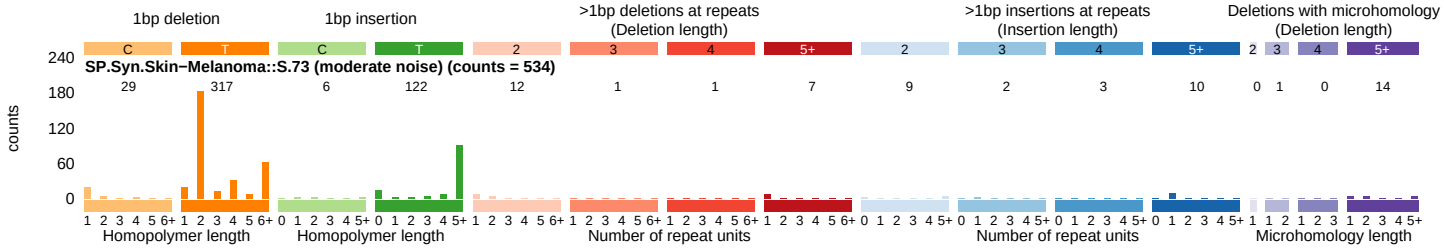
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.72 (moderate noise) (counts = 287)
counts
Homopolymer length
Number of repeat units
Microhomology length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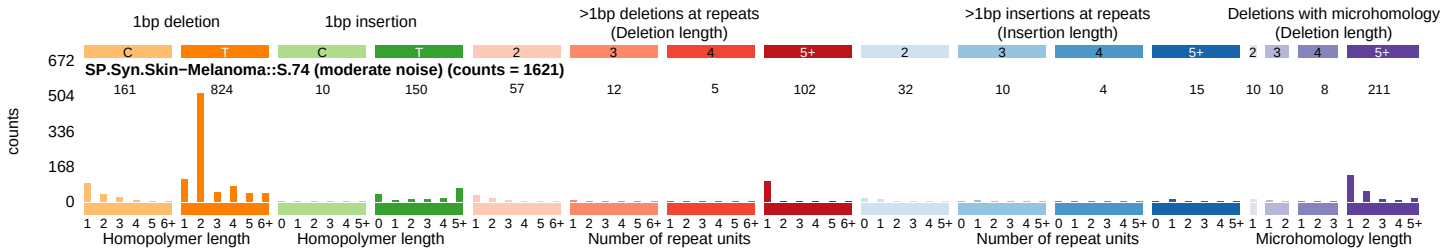
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.73 (moderate noise) (counts = 534)
counts
Homopolymer length
Number of repeat units
Microhomology length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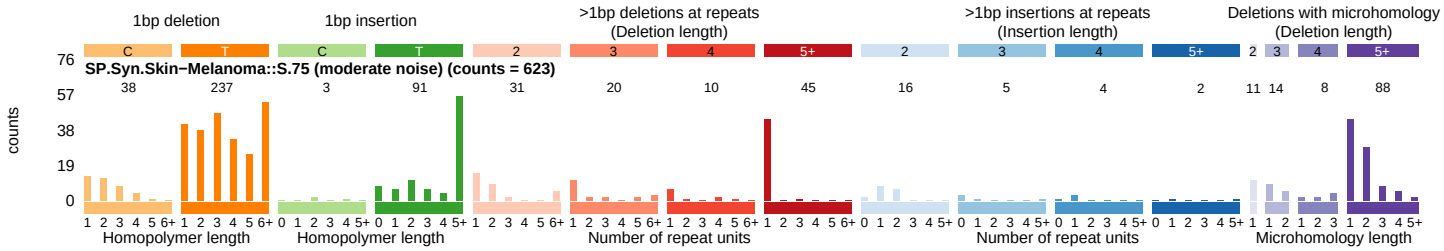
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.74 (moderate noise) (counts = 1621)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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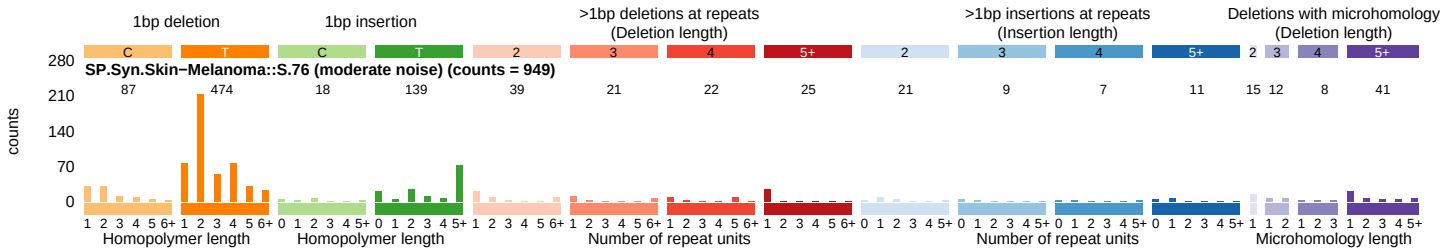
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.75 (moderate noise) (counts = 623)
counts
Homopolymer length
Number of repeat units
Microhomology length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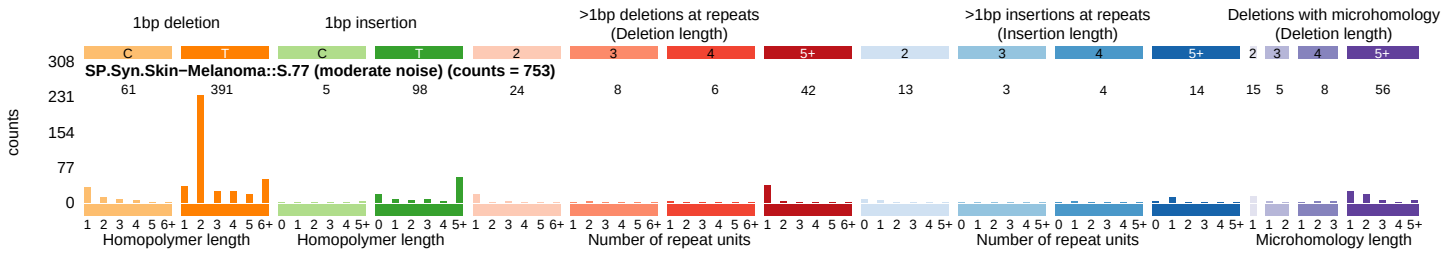
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.76 (moderate noise) (counts = 949)
counts
Homopolymer length
Number of repeat units
Microhomology length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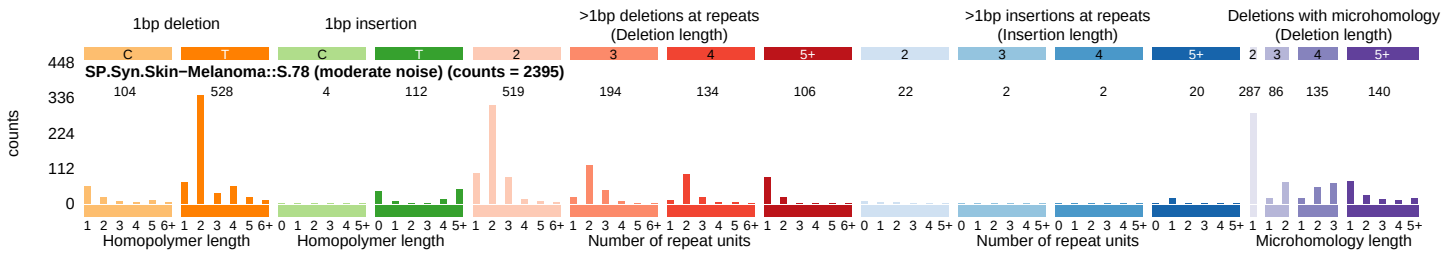
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.77 (moderate noise) (counts = 753)
counts
Homopolymer length
Number of repeat units
Microhomology length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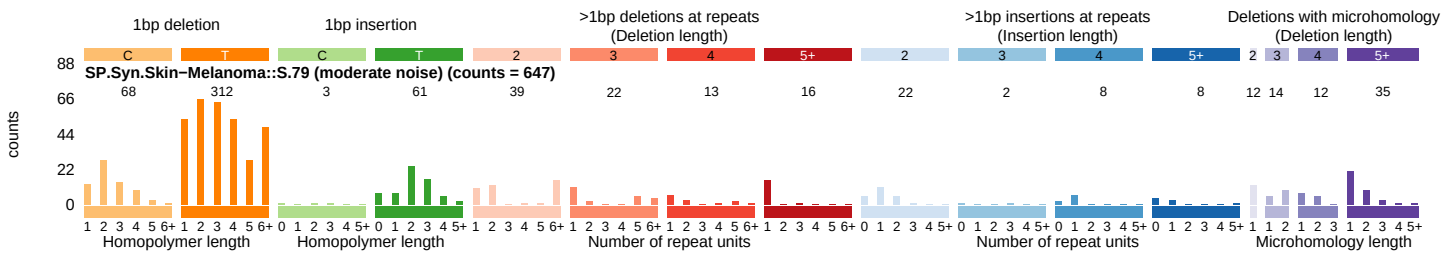
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.78 (moderate noise) (counts = 2395)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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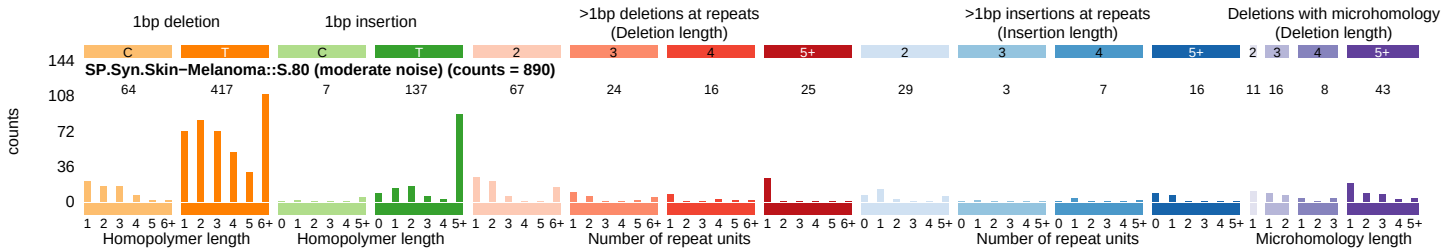
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.79 (moderate noise) (counts = 647)
counts
Homopolymer length
Number of repeat units
Microhomology length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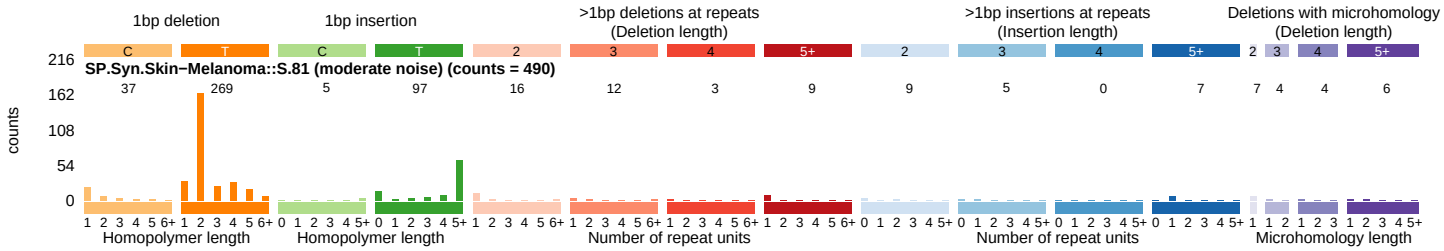
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.80 (moderate noise) (counts = 890)
counts
Homopolymer length
Number of repeat units
Microhomology length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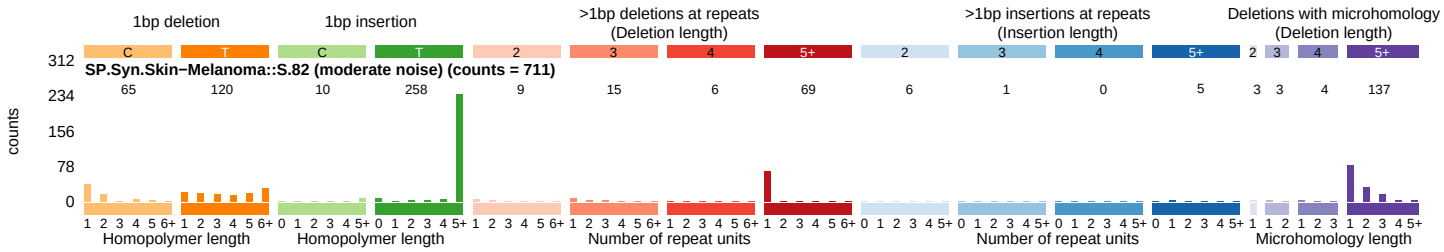
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.81 (moderate noise) (counts = 490)
counts
Homopolymer length
Number of repeat units
Microhomology length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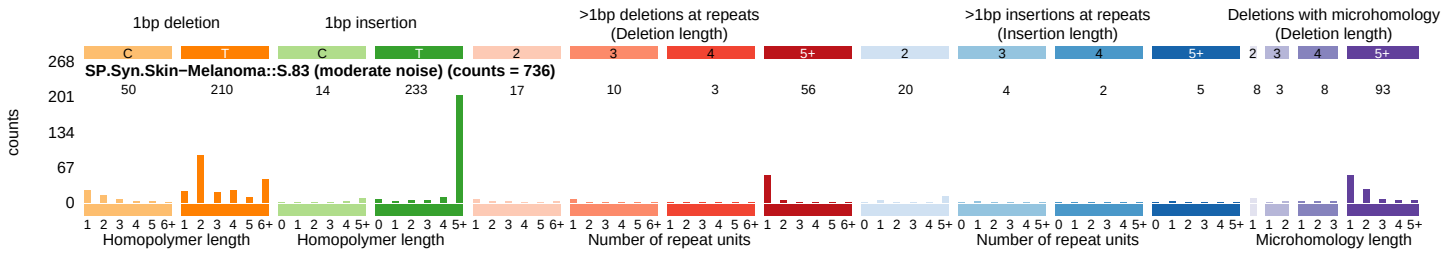
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.82 (moderate noise) (counts = 711)
counts
Homopolymer length
Number of repeat units
Microhomology length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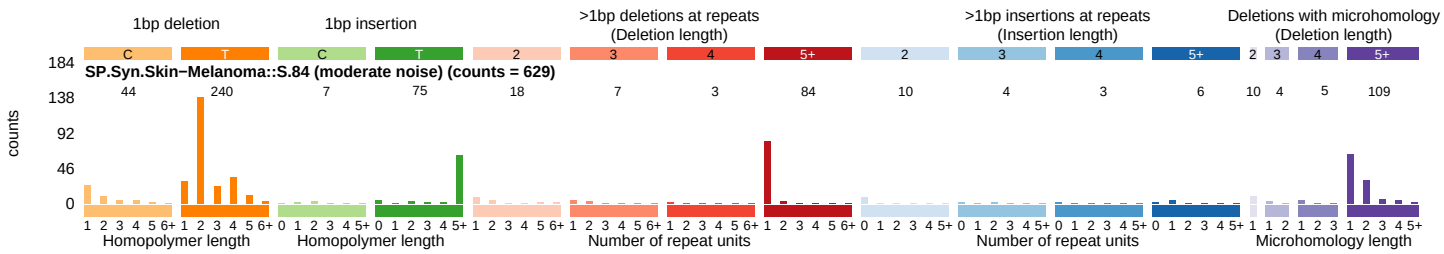
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.83 (moderate noise) (counts = 736)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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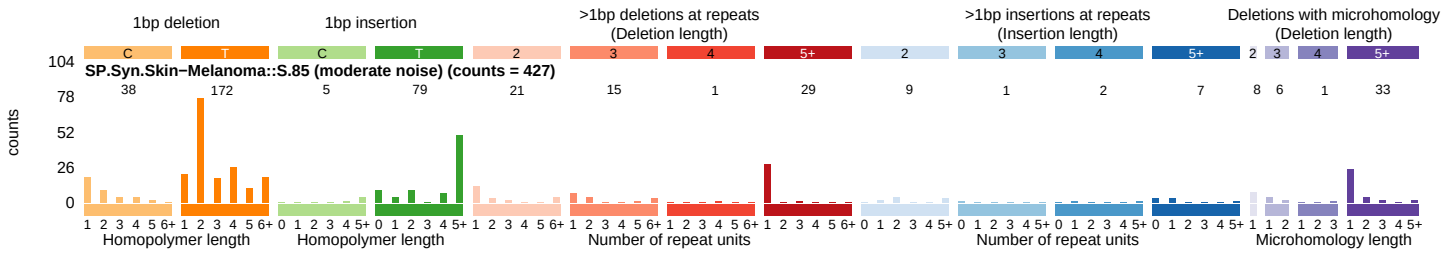
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.84 (moderate noise) (counts = 629)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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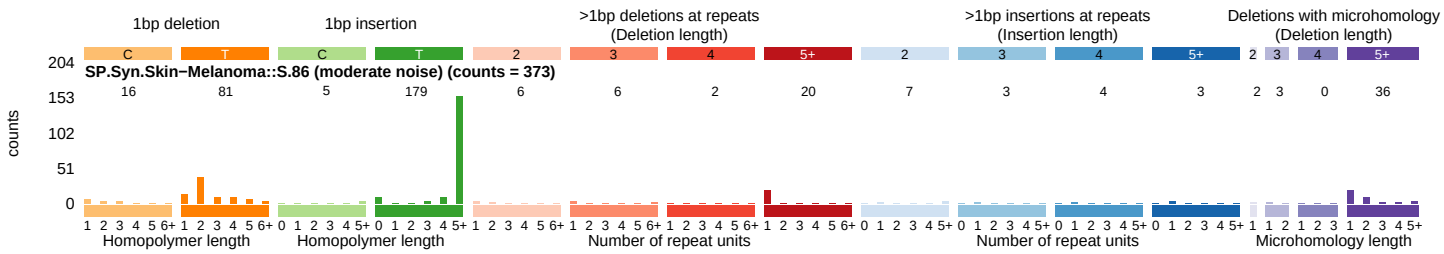
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.85 (moderate noise) (counts = 427)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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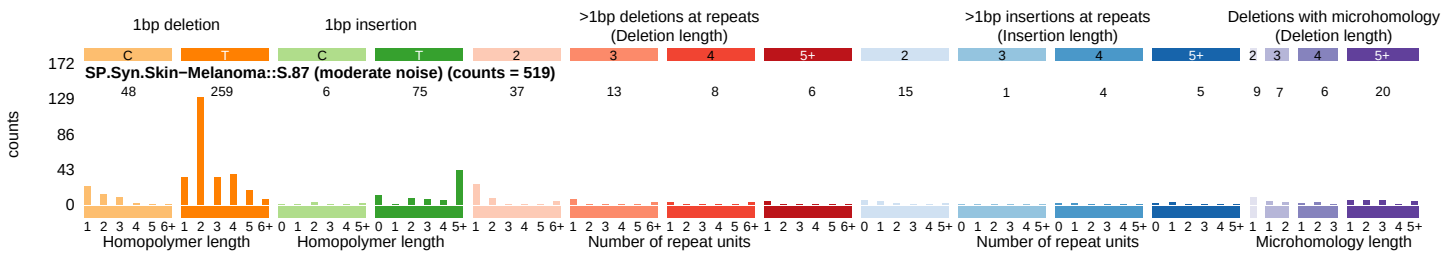
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.86 (moderate noise) (counts = 373)
counts
Homopolymer length
Number of repeat units
Microhomology length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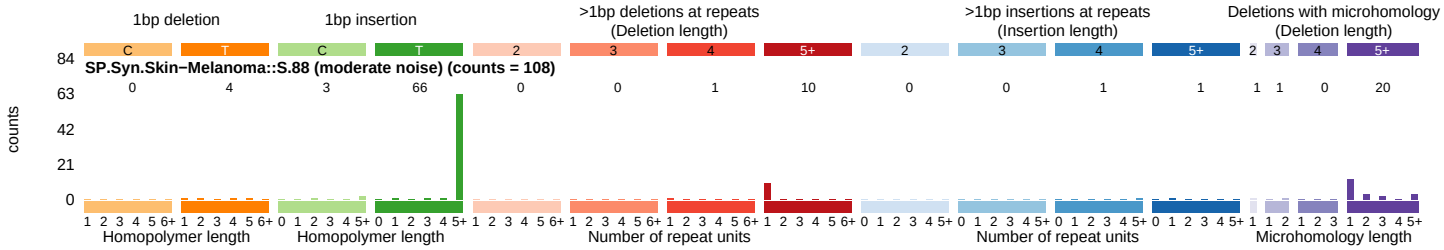
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.87 (moderate noise) (counts = 519)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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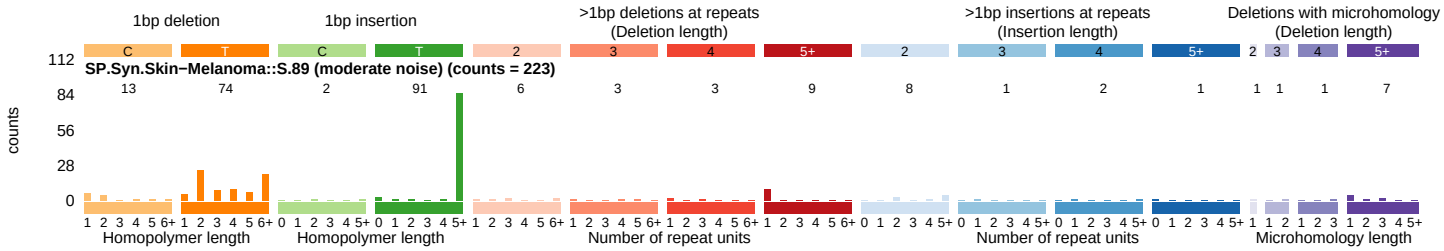
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.88 (moderate noise) (counts = 108)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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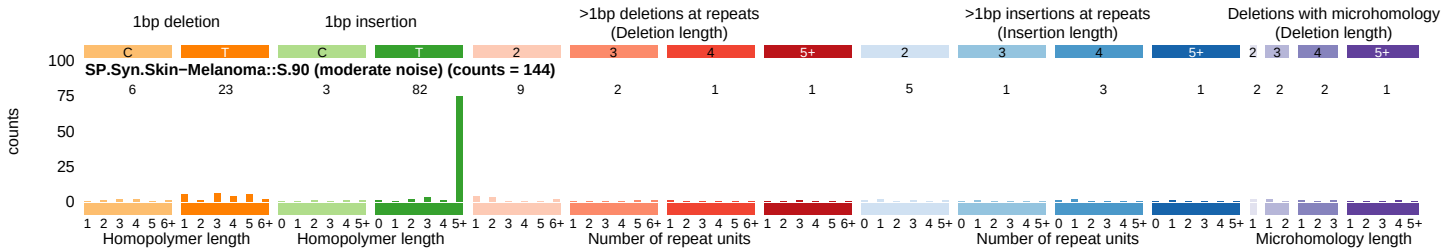
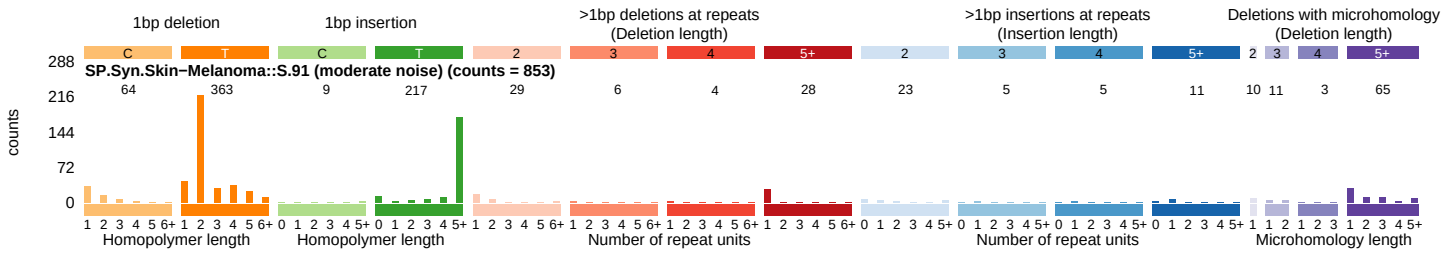
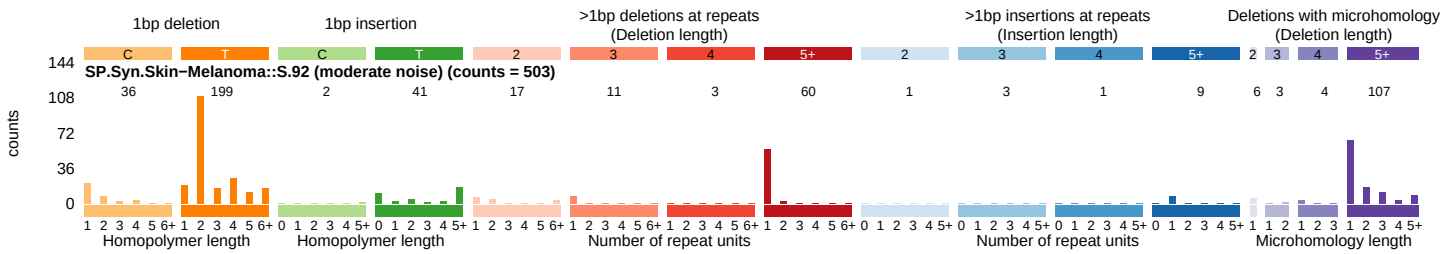
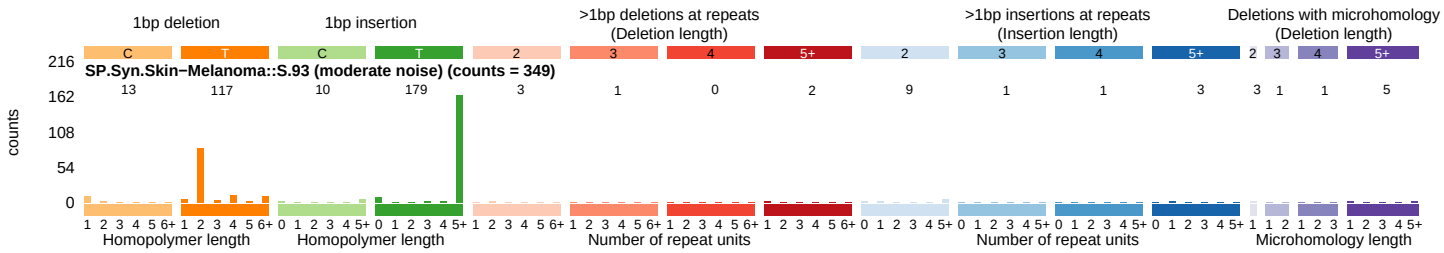
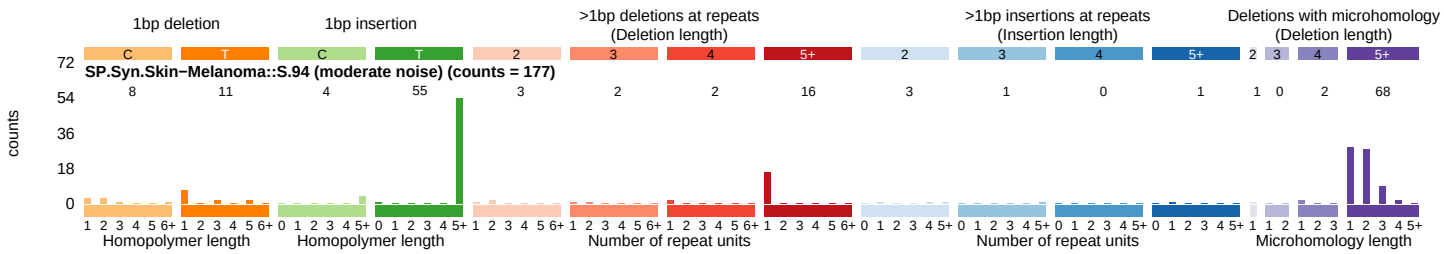
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.89 (moderate noise) (counts = 223)
counts
Homopolymer length
Number of repeat units
Microhomology length

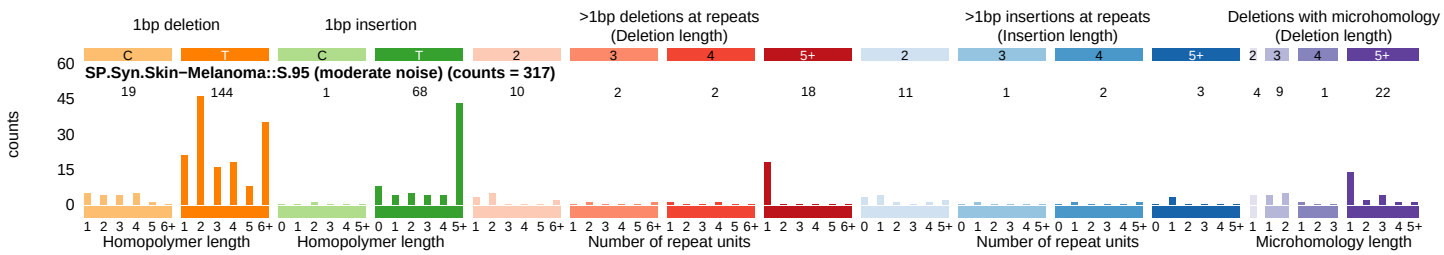

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.90 (moderate noise) (counts = 144)
counts
Homopolymer length
Number of repeat units
Microhomology length

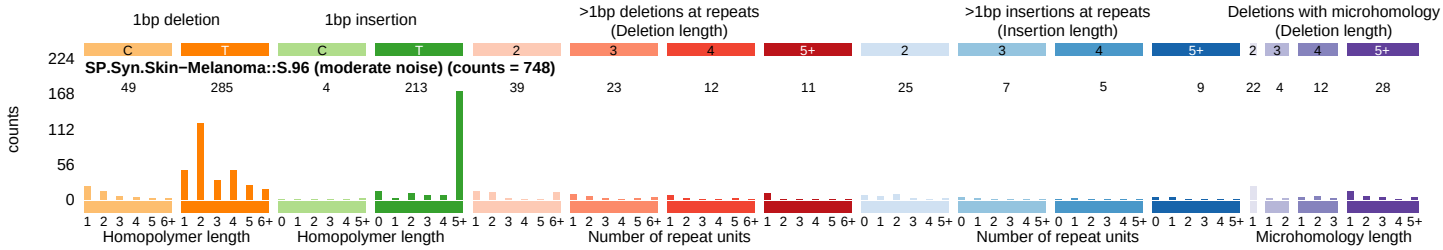

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.91 (moderate noise) (counts = 853)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.92 (moderate noise) (counts = 503)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.93 (moderate 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.Skin−Melanoma::S.94 (moderate noise) (counts = 177)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.95 (moderate noise) (counts = 317)
counts
Homopolymer length
Number of repeat units
Microhomology length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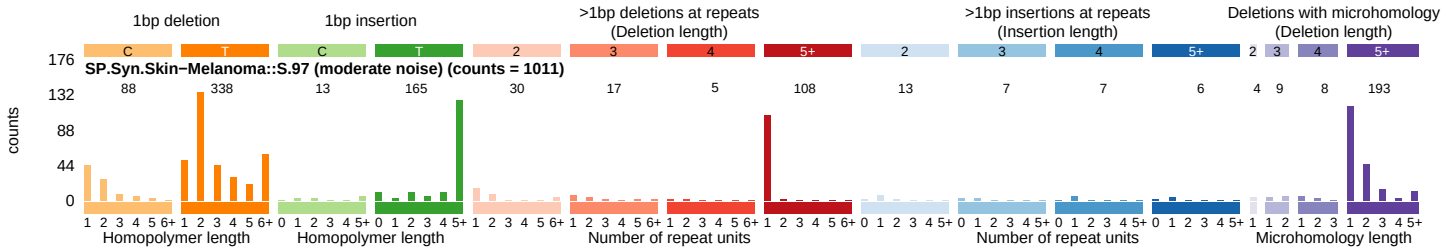
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.96 (moderate noise) (counts = 748)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
49 285 4 213 39 23 12 11 25 7 5 9 22 4 12 28
counts
224 168 112 56 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 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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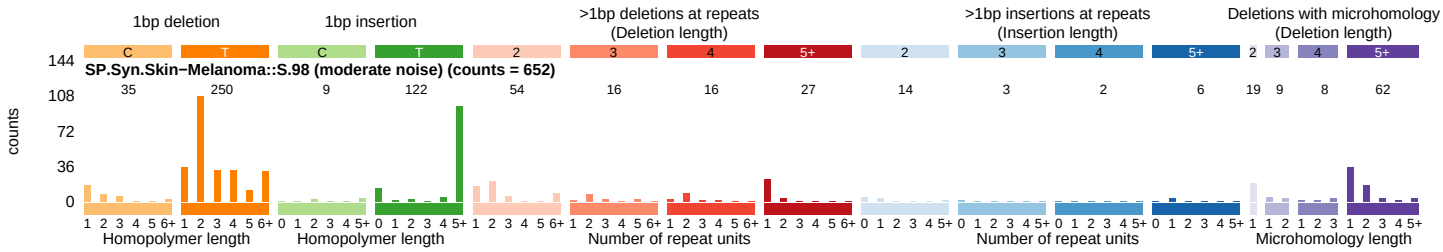
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.97 (moderate noise) (counts = 1011)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
88 338 13 165 30 17 5 108 13 7 7 6 4 9 8 193
counts
176 132 88 44 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 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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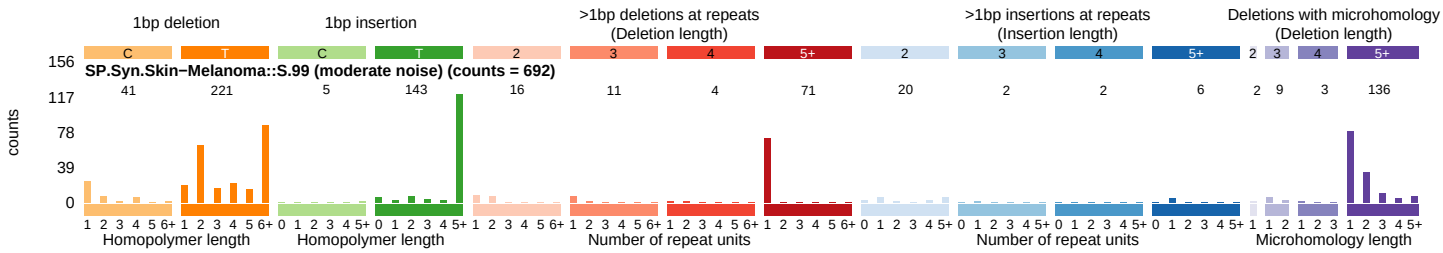
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.98 (moderate noise) (counts = 652)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
35 250 9 122 54 16 16 27 14 3 2 6 19 9 8 62
counts
144 108 72 36 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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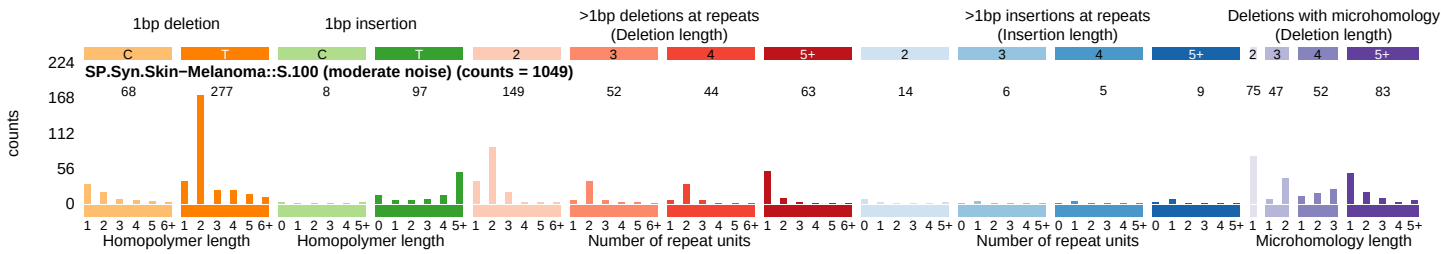
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.99 (moderate noise) (counts = 692)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
41 221 5 143 16 11 4 71 20 2 2 6 2 9 3 136
counts
156 117 78 39 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 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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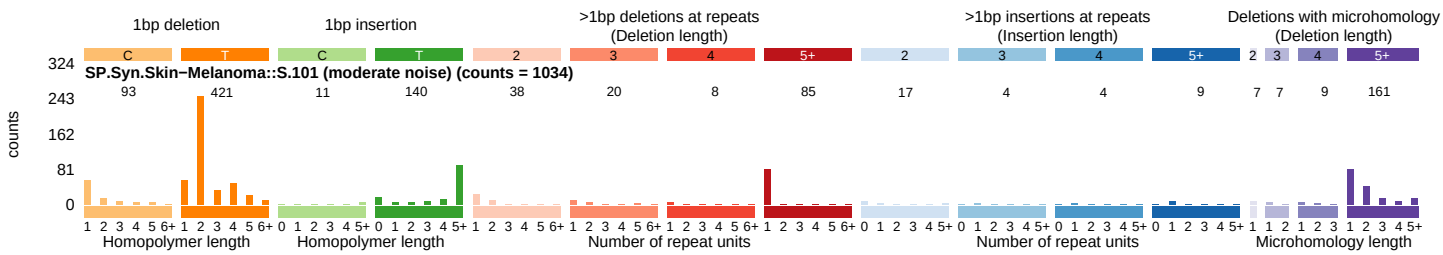
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.100 (moderate noise) (counts = 1049)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
68 277 8 97 149 52 44 63 14 6 5 9 75 47 52 83
counts
224 168 112 56 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 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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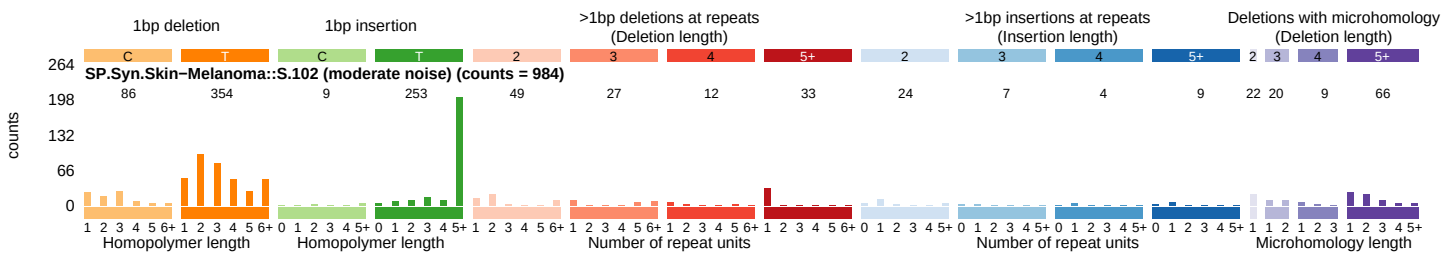
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.101 (moderate noise) (counts = 1034)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
93 421 11 140 38 20 8 85 17 4 4 9 7 7 9 161
counts
324 243 162 81 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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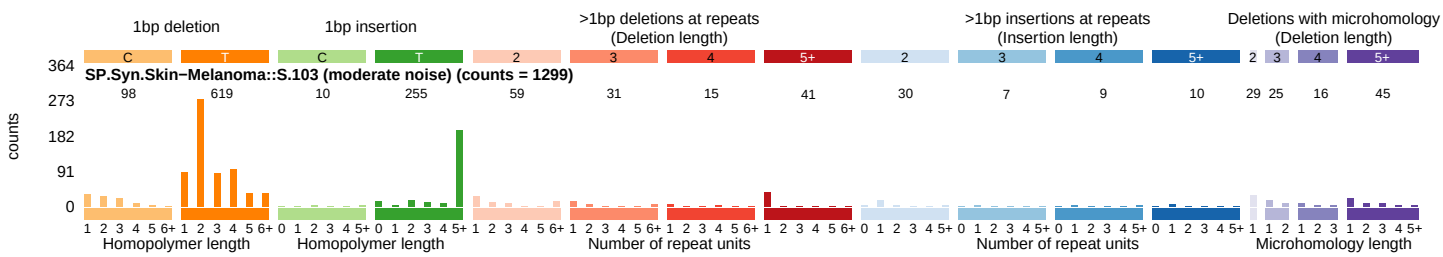
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.102 (moderate noise) (counts = 984)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
86 354 9 253 49 27 12 33 24 7 4 9 22 20 9 66
counts
264 198 132 66 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 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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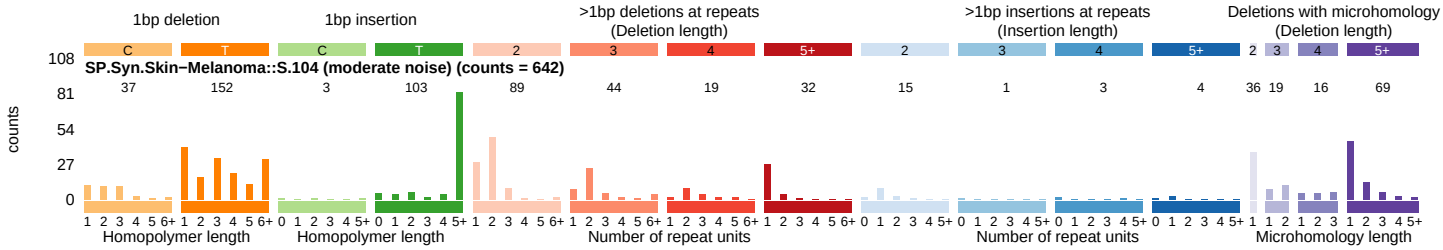
Deletions with microhomology (Deletion length)
SP.Syn.Skin−Melanoma::S.103 (moderate noise) (counts = 1299)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
98 619 10 255 59 31 15 41 30 7 9 10 29 25 16 45
counts
364 273 182 91 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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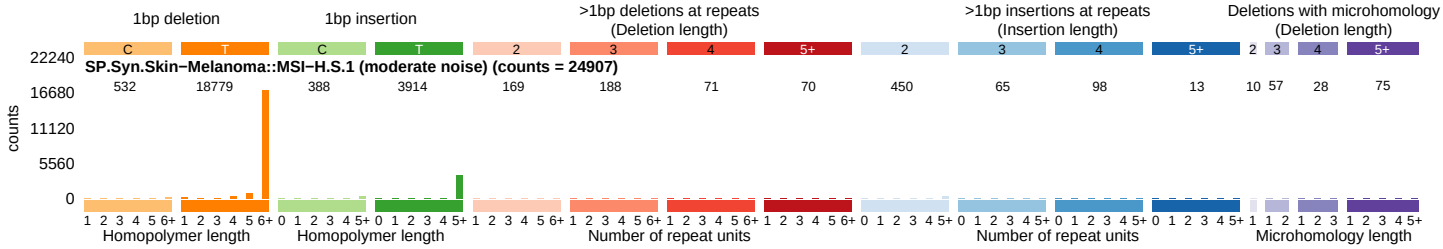
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::S.104 (moderate noise) (counts = 642)
37 152 3 103 89 44 19 32 15 1 3 4 36 19 16 69
counts
108 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)
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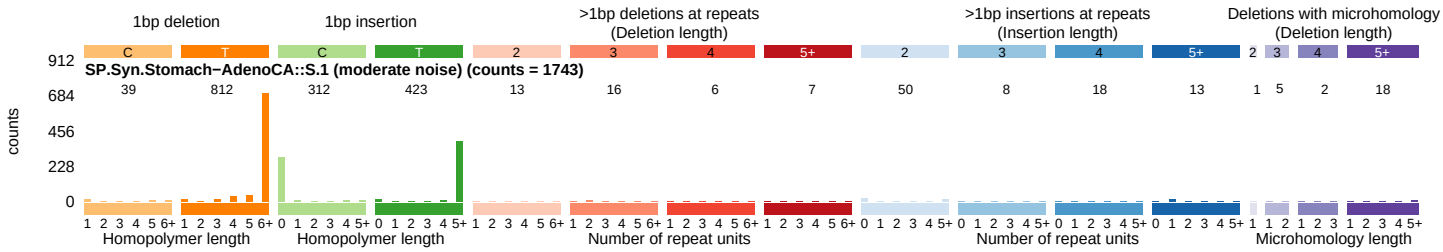
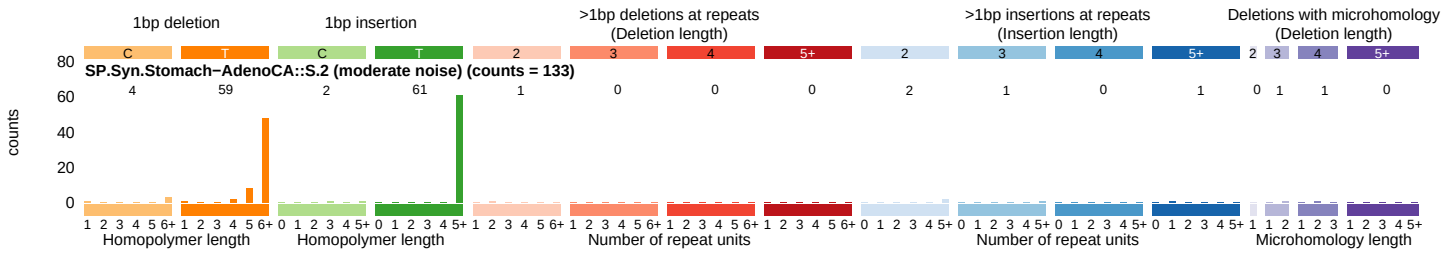
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Skin−Melanoma::MSI−H.S.1 (moderate noise) (counts = 24907)
532 18779 388 3914 169 188 71 70 450 65 98 13 10 57 28 75
counts
22240 16680 11120 5560 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion 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 (moderate noise) (counts = 1743)
39 812 312 423 13 16 6 7 50 8 18 13 1 5 2 18
counts
912 684 456 228 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
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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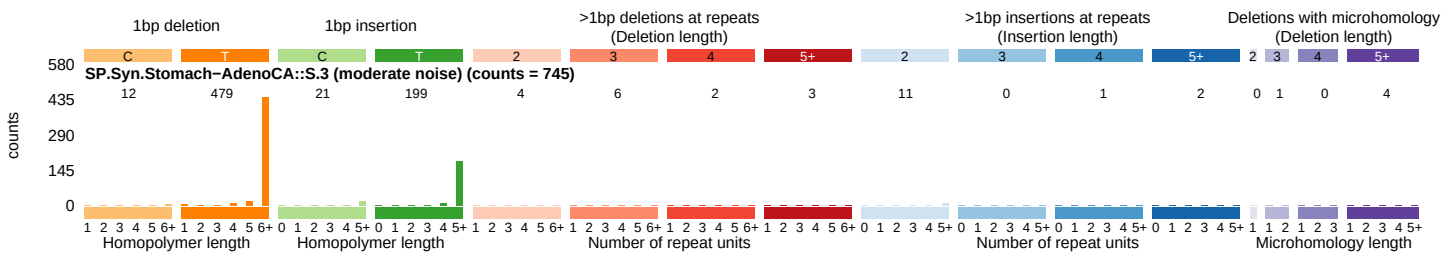
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.2 (moderate noise) (counts = 133)
4 59 2 61 1 0 0 0 2 1 0 1 0 1 1 0
counts
80 60 40 20 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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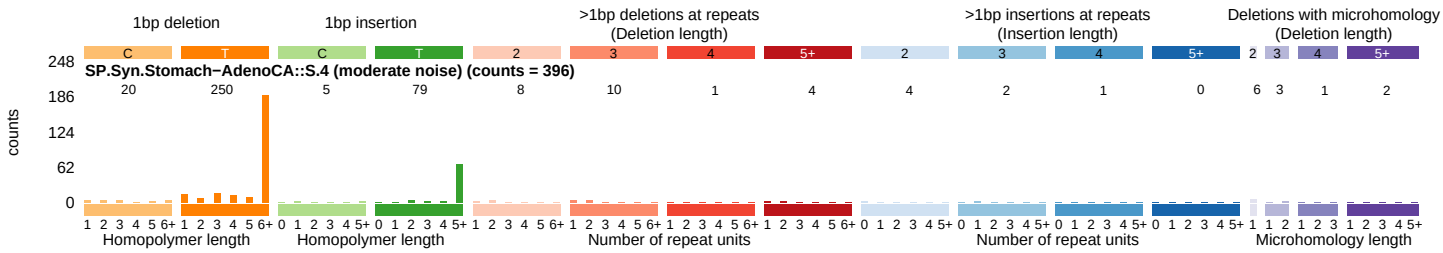
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.3 (moderate noise) (counts = 745)
12 479 21 199 4 6 2 3 11 0 1 2 0 1 0 4
counts
580 435 290 145 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 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)
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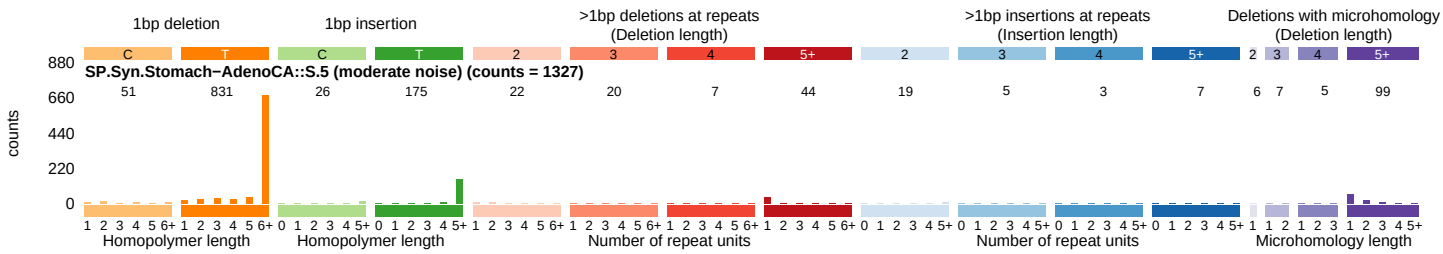
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.4 (moderate noise) (counts = 396)
20 250 5 79 8 10 1 4 4 2 1 0 6 3 1 2
counts
248 186 124 62 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 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)
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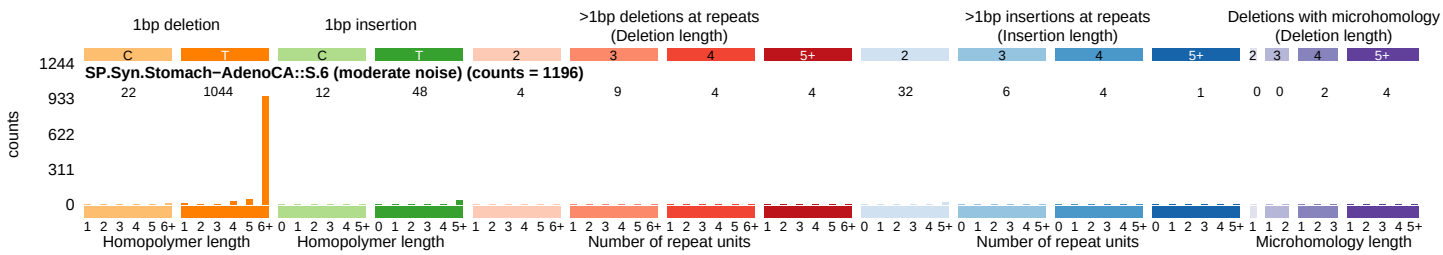
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.5 (moderate noise) (counts = 1327)
51 831 26 175 22 20 7 44 19 5 3 7 6 7 5 99
counts
880 660 440 220 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
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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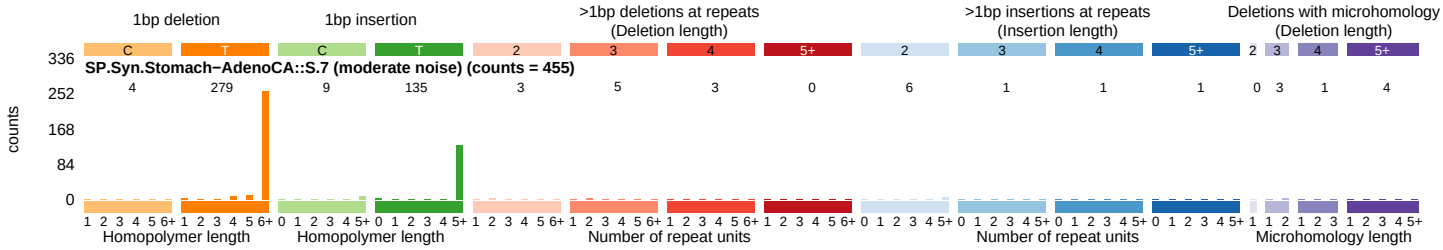
Deletions with microhomology (Deletion length)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
SP.Syn.Stomach−AdenoCA::S.6 (moderate noise) (counts = 1196)
22 1044 12 48 4 9 4 4 32 6 4 1 0 0 2 4
counts
1244 933 622 311 0
1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 1 2 3 4 5 6+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 0 1 2 3 4 5+ 1 1 2 1 2 3 1 2 3 4 5+
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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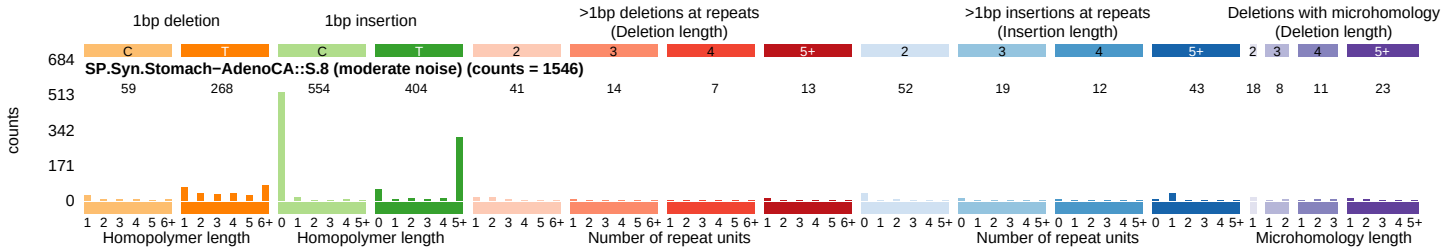
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.7 (moderate noise) (counts = 455)
counts
Homopolymer length
Number of repeat units
Microhomology length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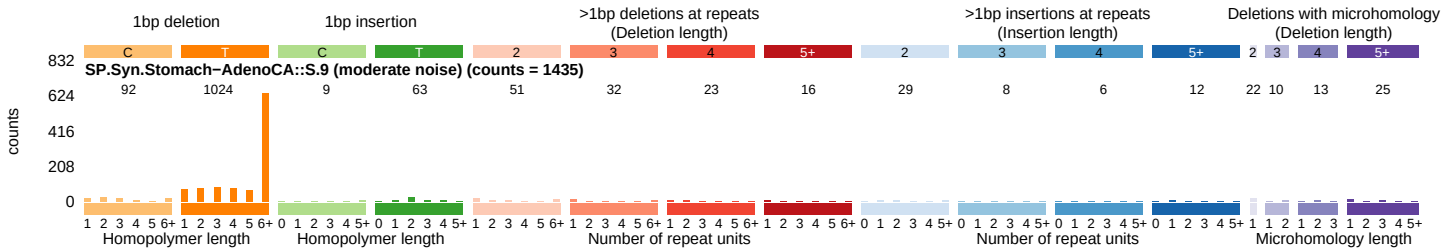
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.8 (moderate noise) (counts = 1546)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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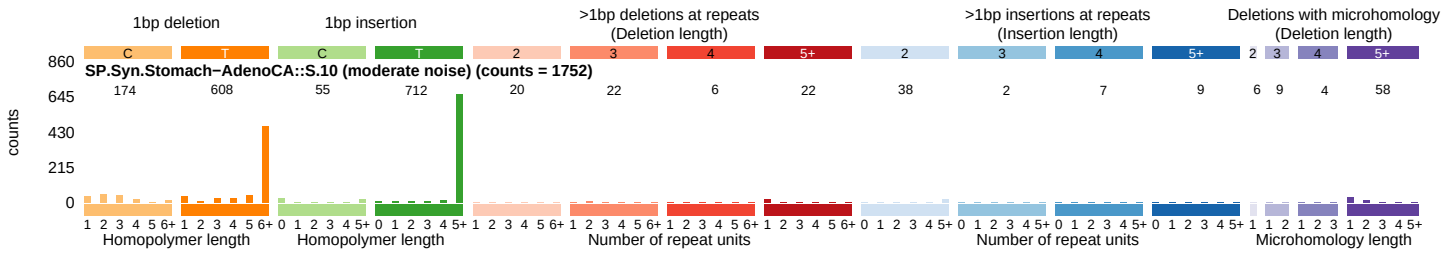
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.9 (moderate noise) (counts = 1435)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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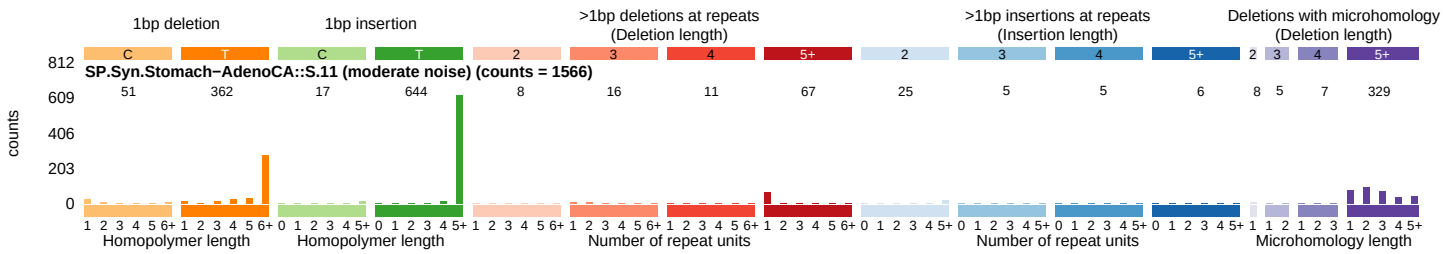
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.10 (moderate noise) (counts = 1752)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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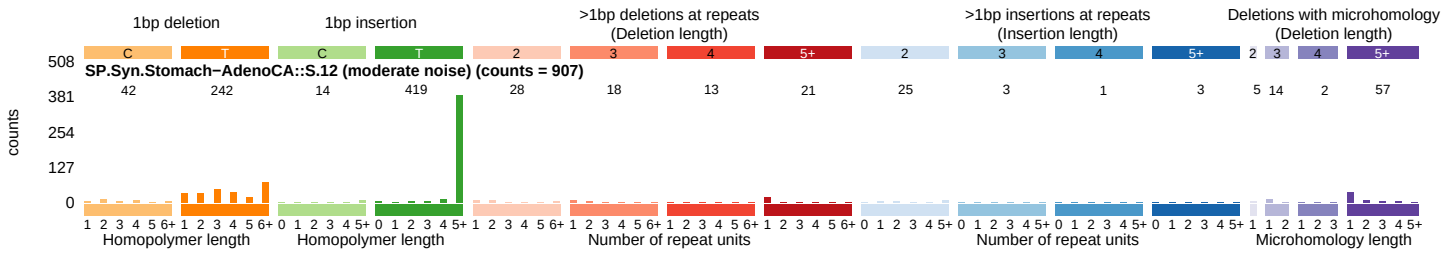
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.11 (moderate noise) (counts = 1566)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
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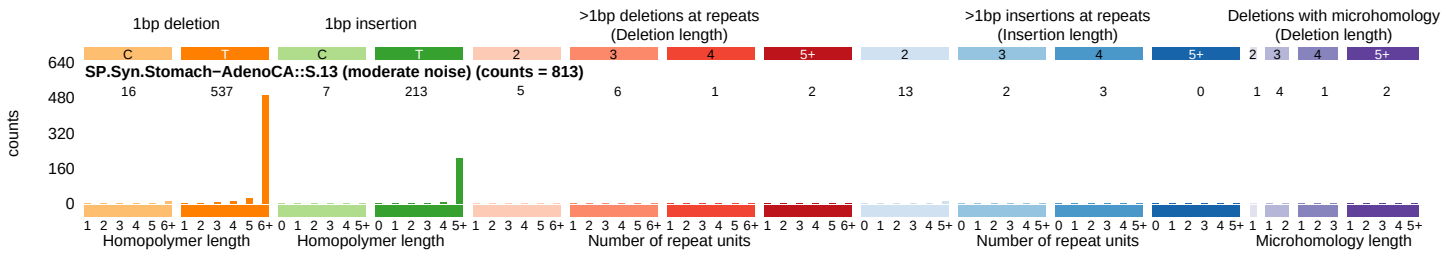
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.12 (moderate noise) (counts = 907)
counts
Homopolymer length
Number of repeat units
Microhomology length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>1bp deletions at repeats (Deletion length)
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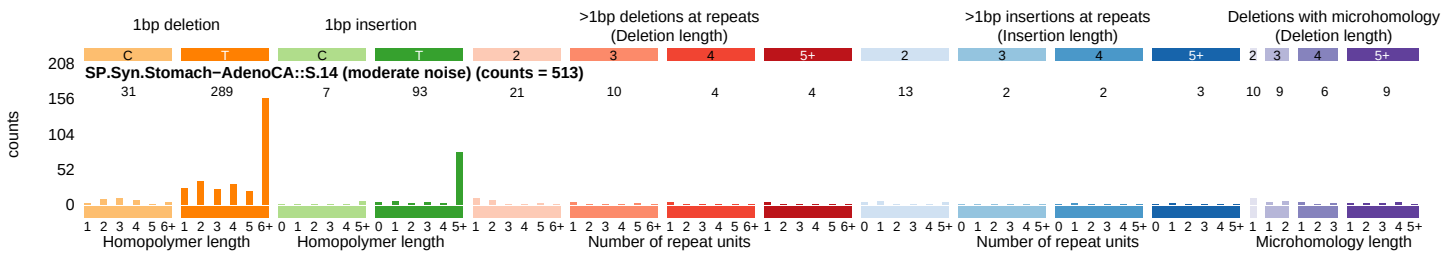
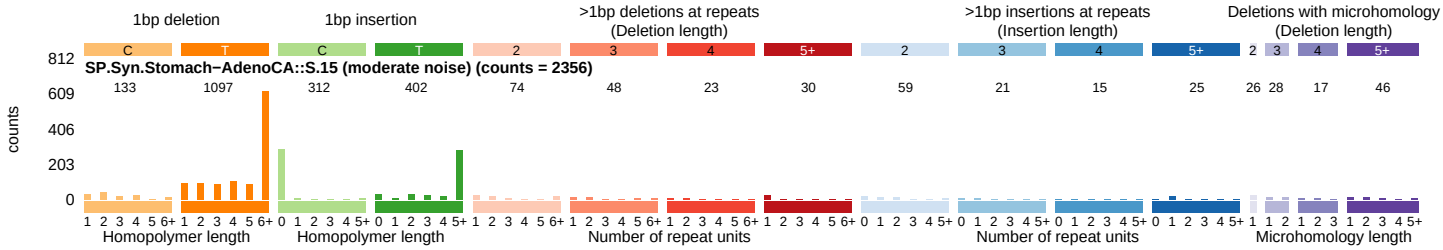
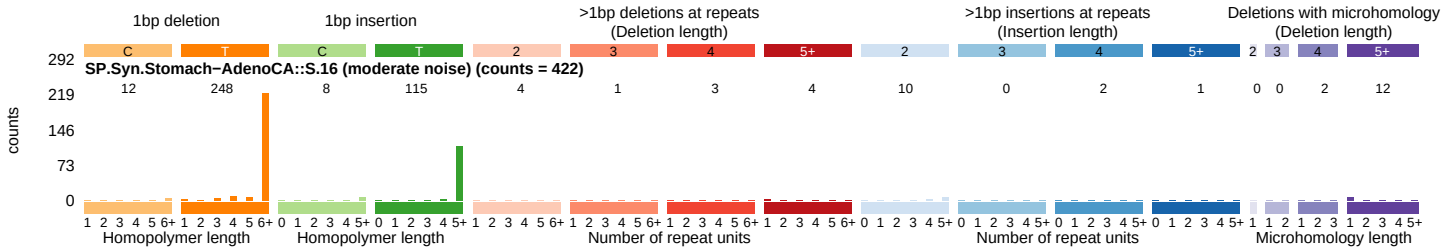
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.13 (moderate noise) (counts = 813)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.14 (moderate noise) (counts = 513)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.15 (moderate noise) (counts = 2356)
133 1097 312 402 74 48 23 30 59 21 15 25 26 28 17 46
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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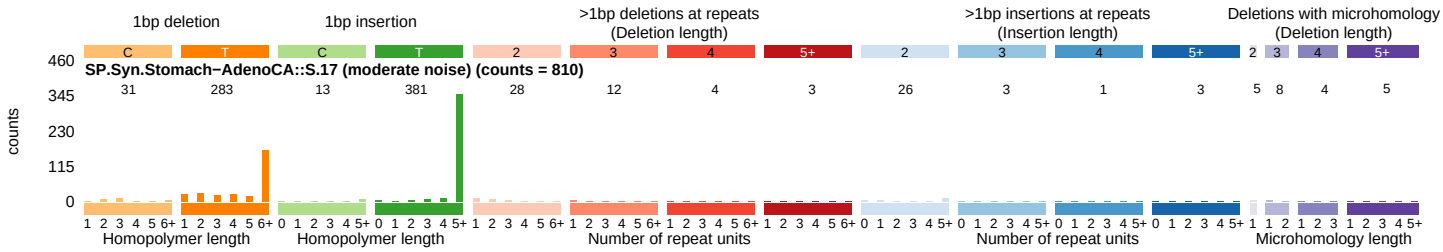
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.16 (moderate noise) (counts = 422)
12 248 8 115 4 1 3 4 10 0 2 1 0 0 2 12
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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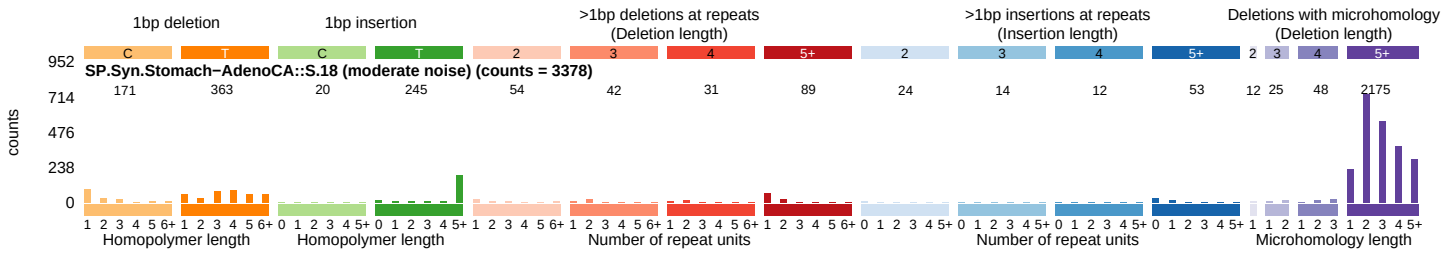
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.17 (moderate noise) (counts = 810)
31 283 13 381 28 12 4 3 26 3 1 3 5 8 4 5
counts
Homopolymer length
Number of repeat units
Microhomology length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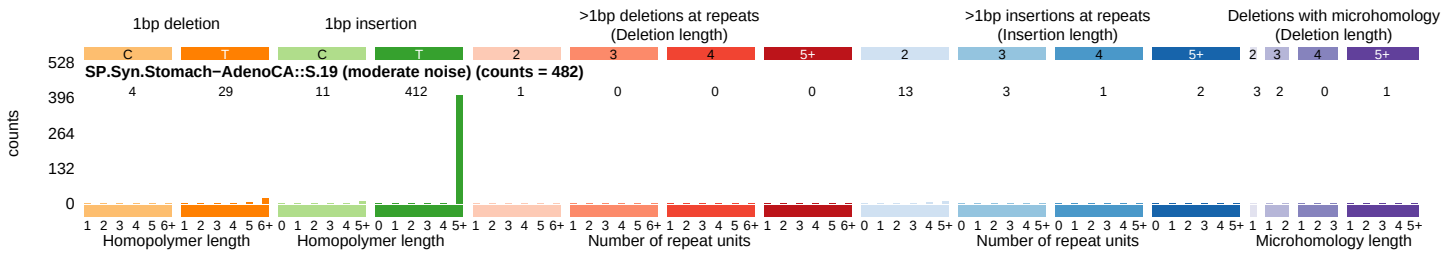
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.18 (moderate noise) (counts = 3378)
171 363 20 245 54 42 31 89 24 14 12 53 12 25 48 2175
counts
Homopolymer length
Number of repeat units
Microhomology length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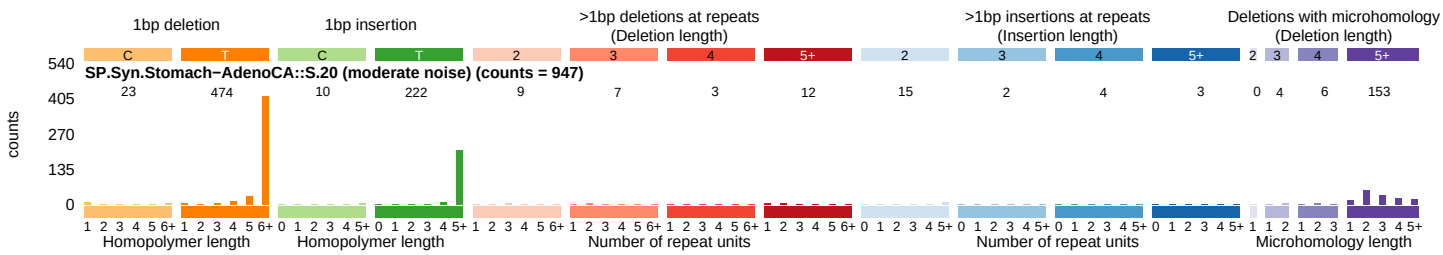
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.19 (moderate noise) (counts = 482)
4 29 11 412 1 0 0 0 13 3 1 2 3 2 0 1
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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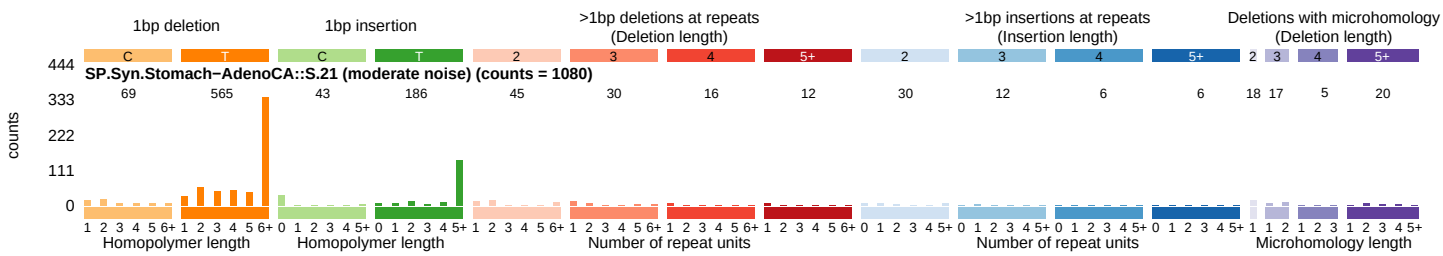
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.20 (moderate noise) (counts = 947)
23 474 10 222 9 7 3 12 15 2 4 3 0 4 6 153
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
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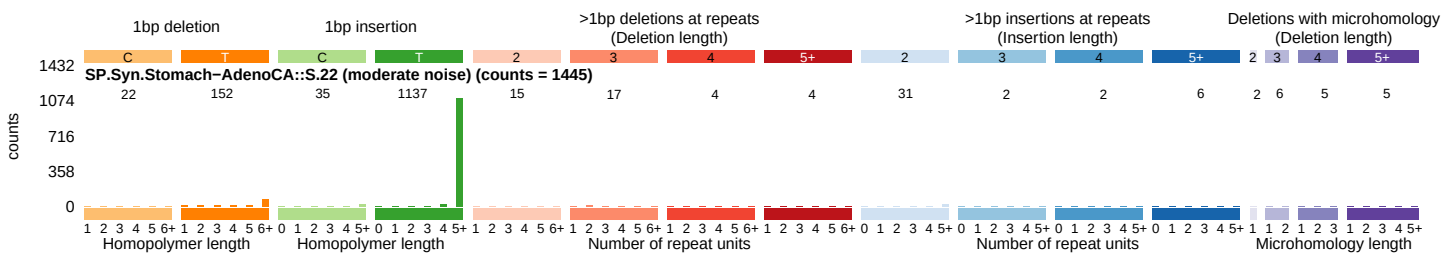
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.21 (moderate noise) (counts = 1080)
69 565 43 186 45 30 16 12 30 12 6 6 18 17 5 20
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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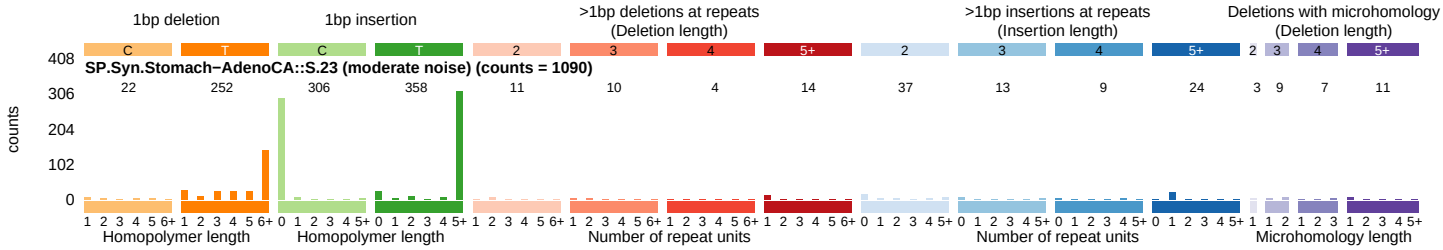
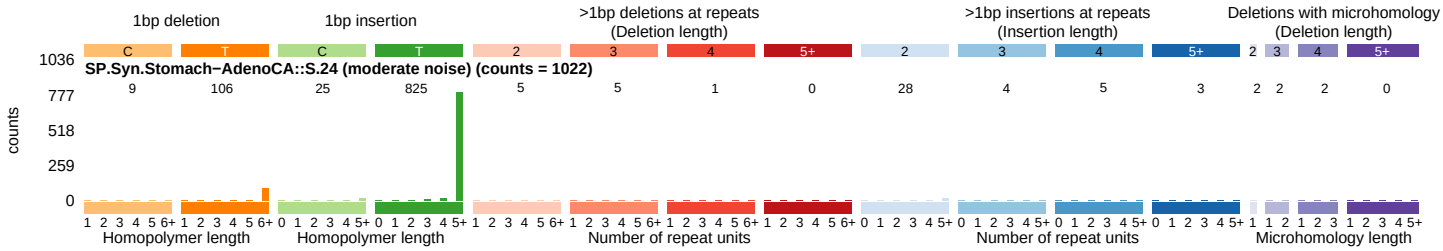
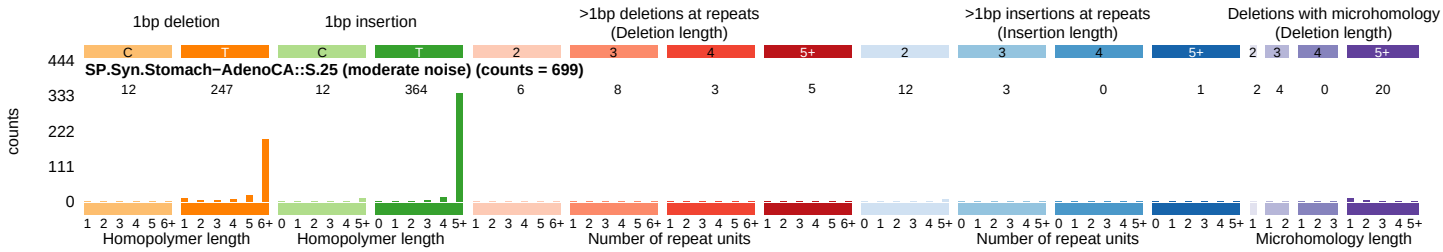
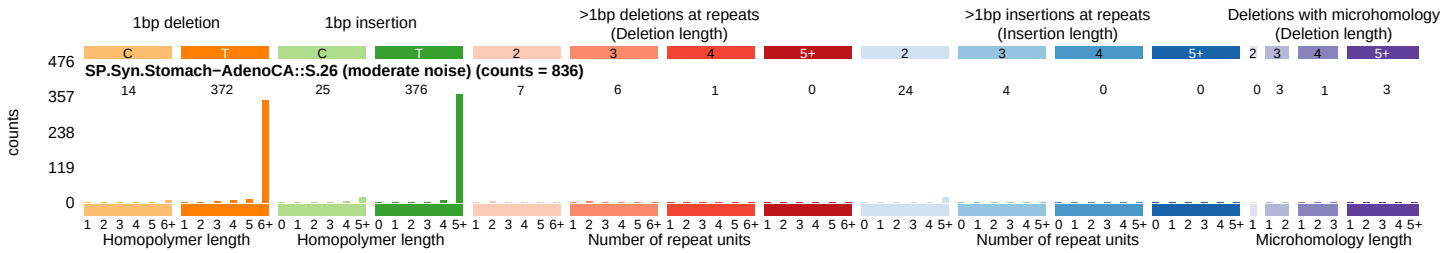
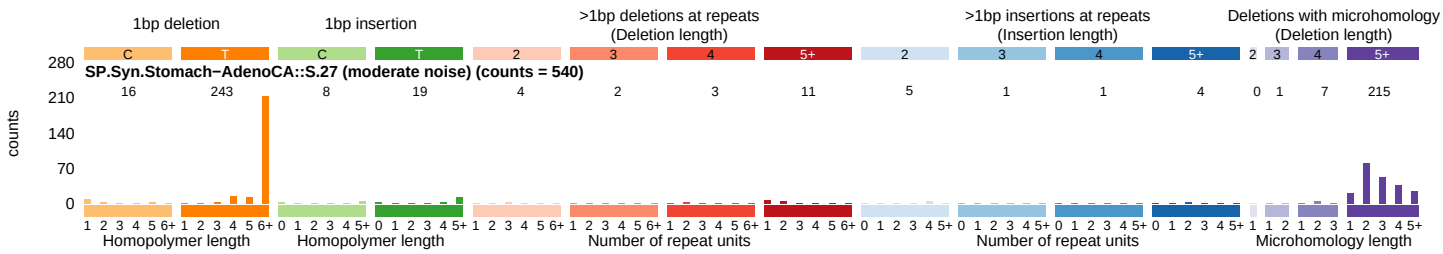
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.22 (moderate noise) (counts = 1445)
22 152 35 1137 15 17 4 4 31 2 2 6 2 6 5 5
counts
Homopolymer length
Number of repeat units
Microhomology length

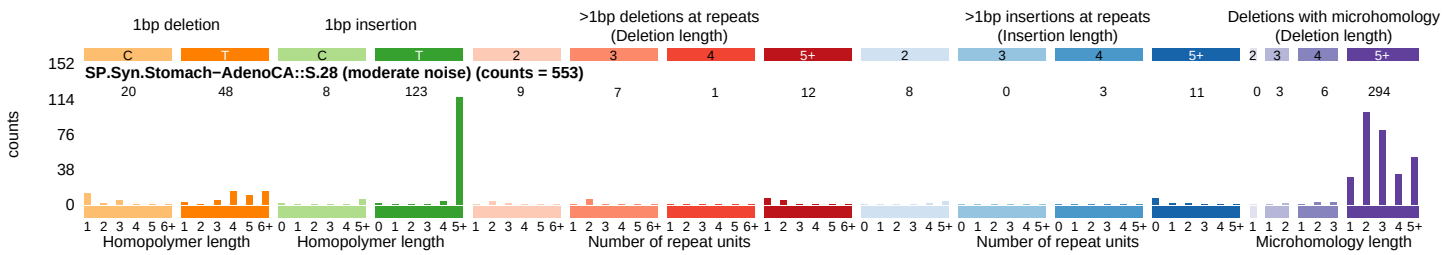

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.23 (moderate noise) (counts = 1090)
counts
Homopolymer length
Number of repeat units
Microhomology length

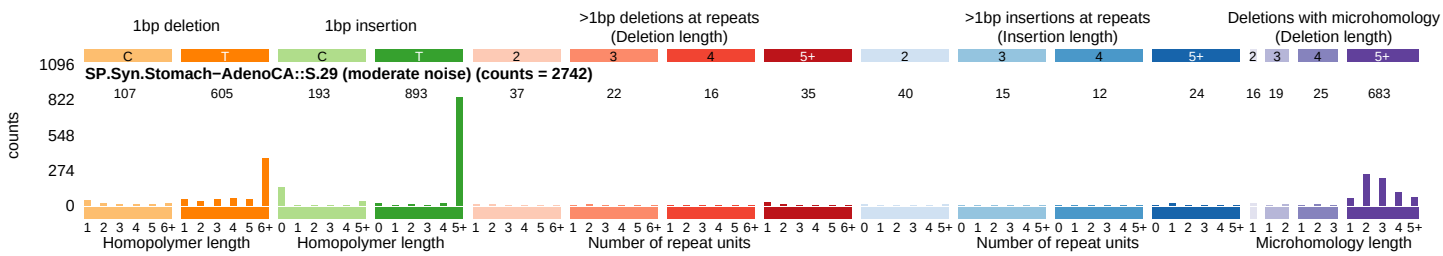

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.24 (moderate noise) (counts = 1022)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (moderate noise) (counts = 699)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.26 (moderate noise) (counts = 836)
counts
Homopolymer length
Number of repeat units
Microhomology 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 (moderate 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.Stomach−AdenoCA::S.28 (moderate noise) (counts = 553)
counts
Homopolymer length
Number of repeat units
Microhomology length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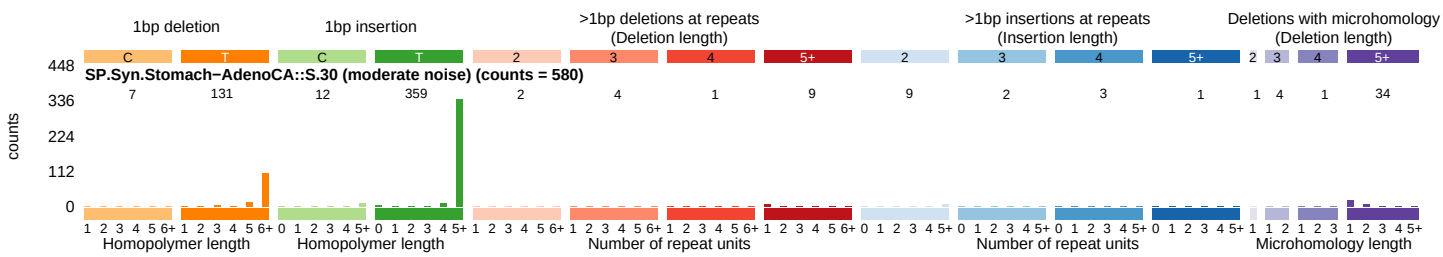
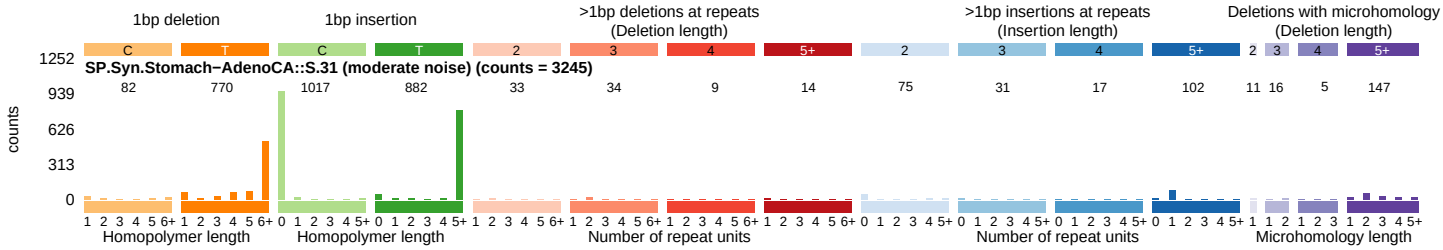
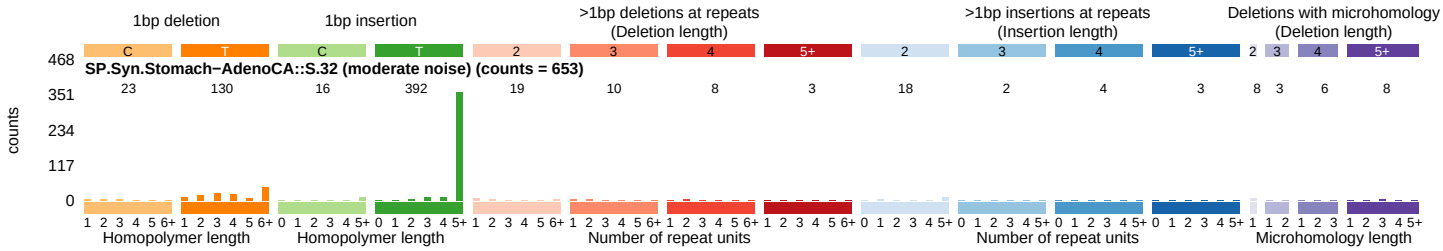
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.29 (moderate noise) (counts = 2742)
counts
Homopolymer length
Number of repeat units
Microhomology length


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 (moderate noise) (counts = 580)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.31 (moderate noise) (counts = 3245)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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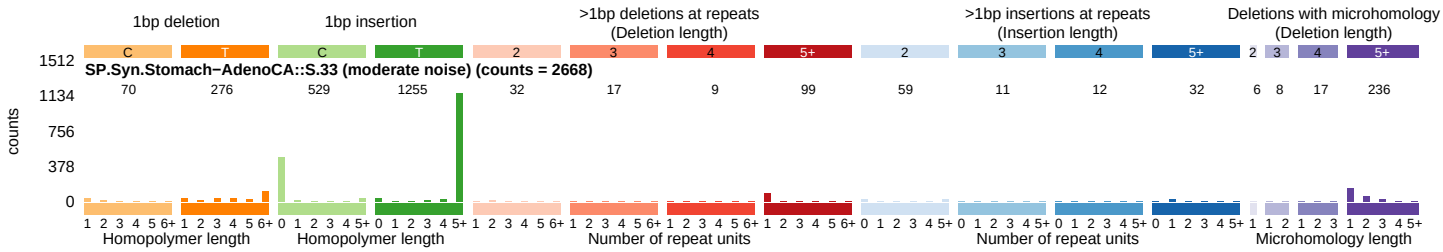
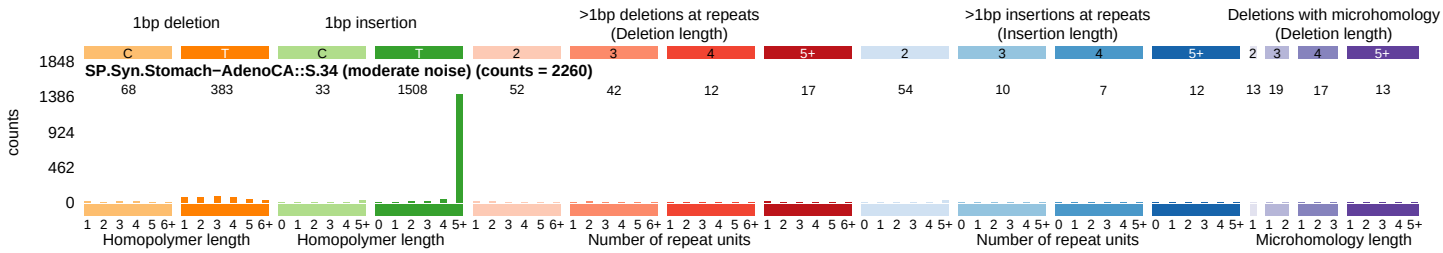
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.32 (moderate noise) (counts = 653)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.33 (moderate noise) (counts = 2668)
counts
Homopolymer length
Number of repeat units
Microhomology length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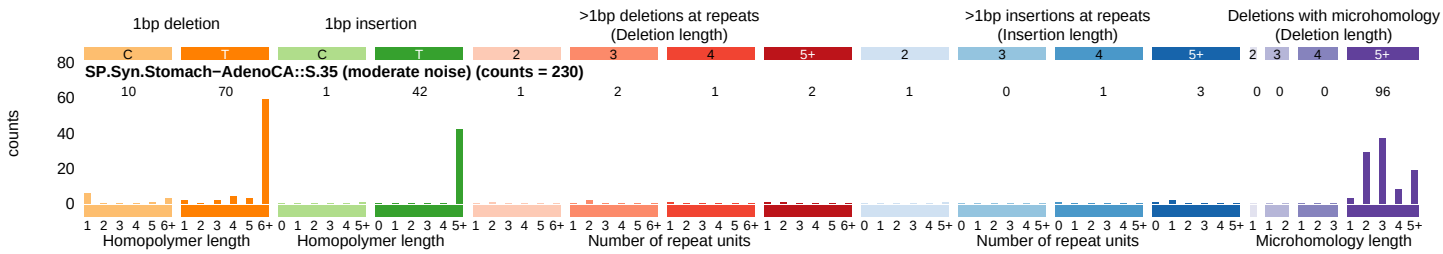
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.34 (moderate noise) (counts = 2260)
counts
Homopolymer length
Number of repeat units
Microhomology length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1bp insertion
>1bp deletions at repeats (Deletion length)
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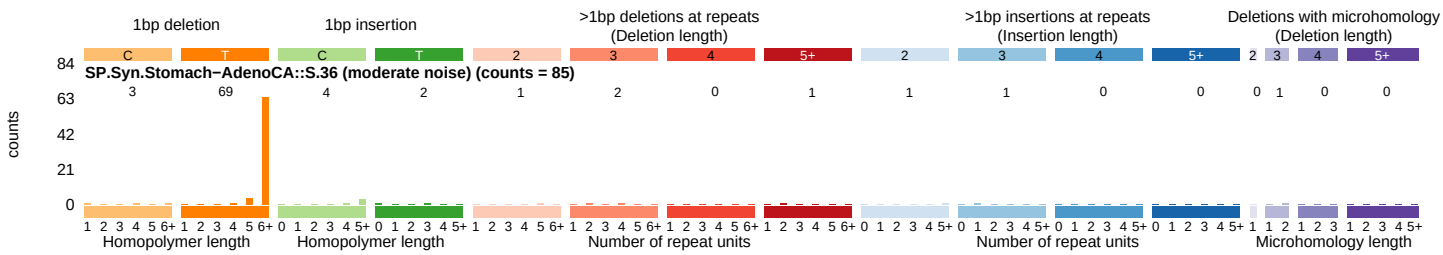
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.35 (moderate noise) (counts = 230)
counts
Homopolymer length
Number of repeat units
Microhomology length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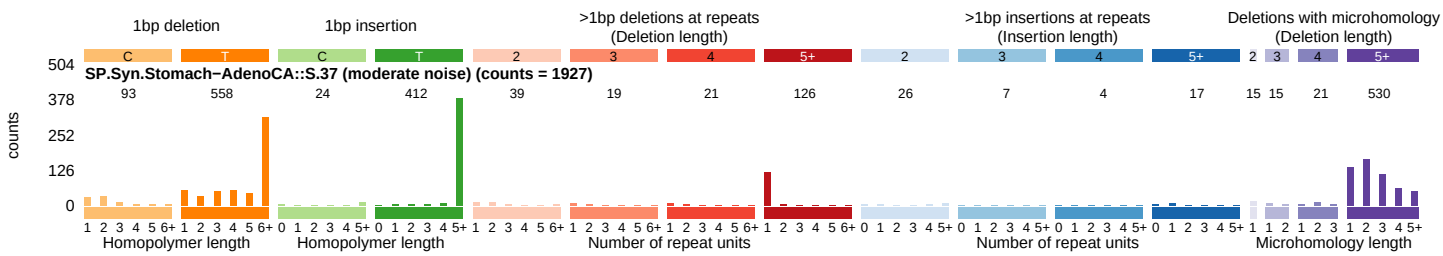
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.36 (moderate noise) (counts = 85)
counts
Homopolymer length
Number of repeat units
Microhomology length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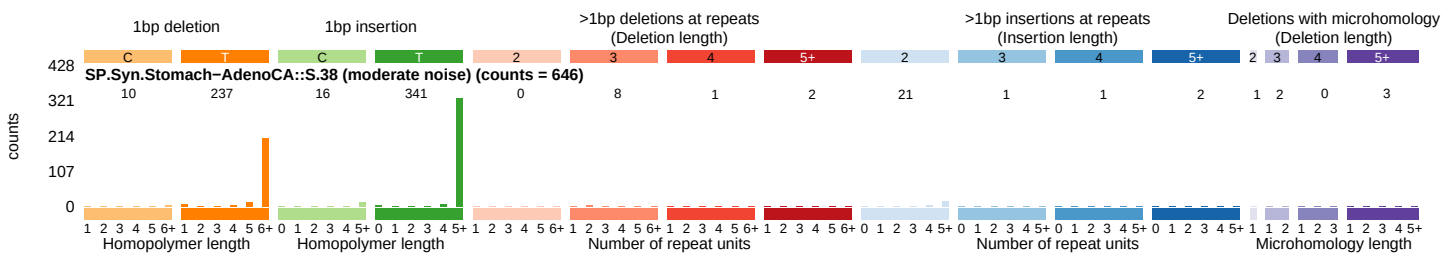
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.37 (moderate noise) (counts = 1927)
counts
Homopolymer length
Number of repeat units
Microhomology length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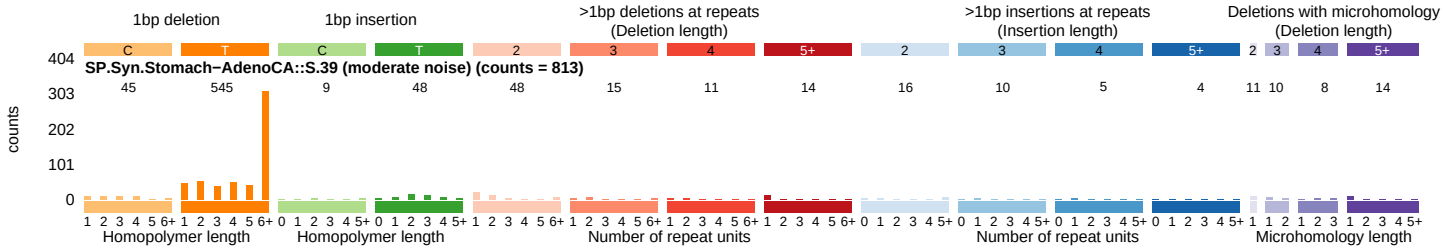
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.38 (moderate noise) (counts = 646)
counts
Homopolymer length
Number of repeat units
Microhomology length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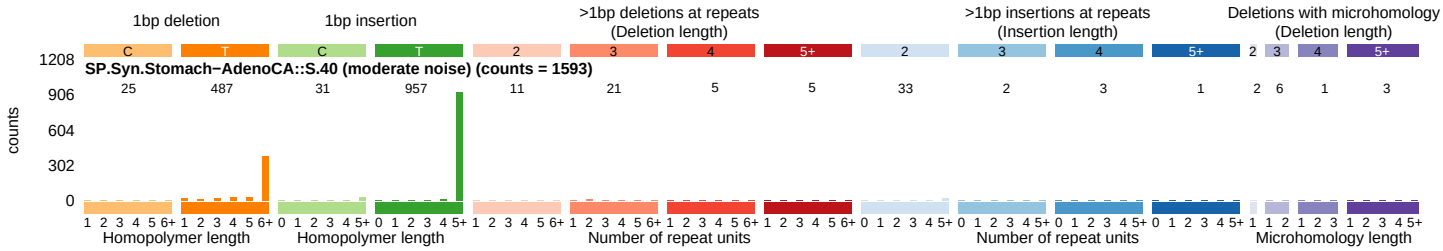
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.39 (moderate noise) (counts = 813)
counts
Homopolymer length
Number of repeat units
Microhomology length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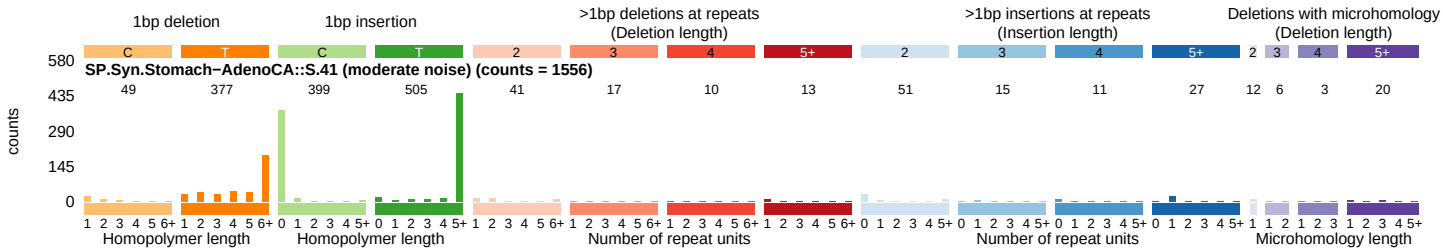
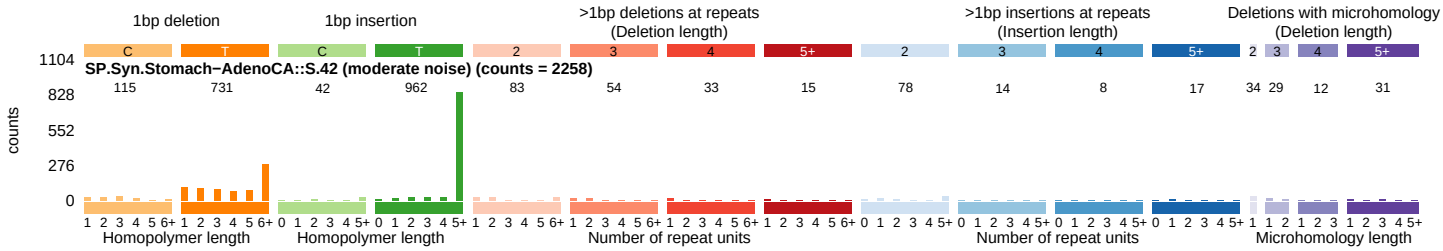
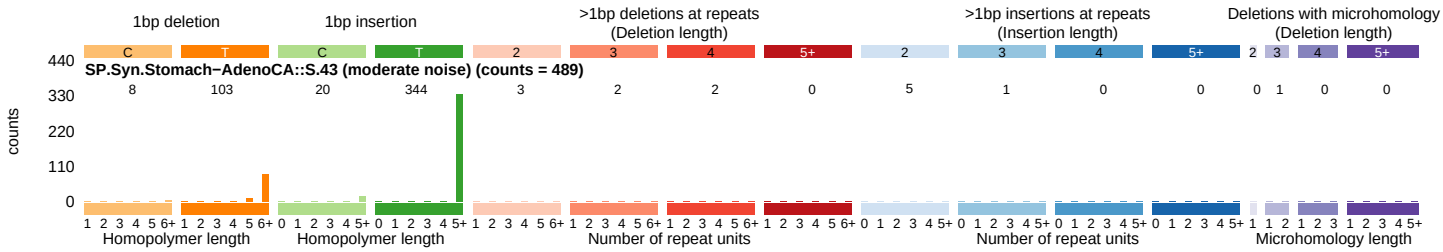
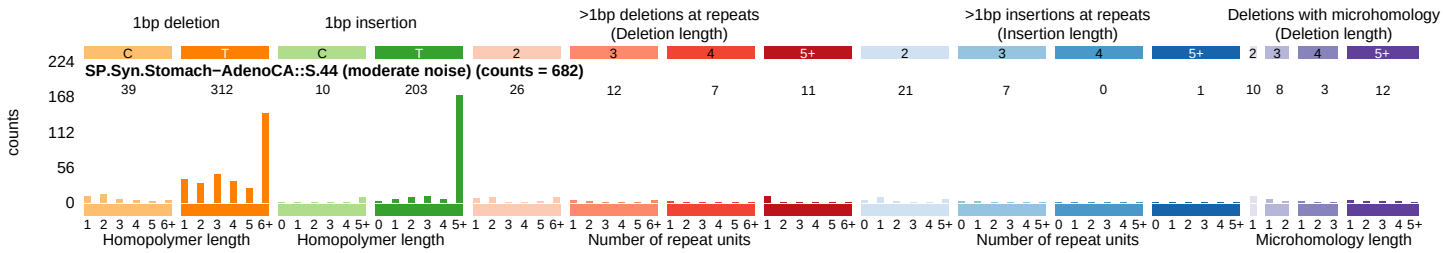
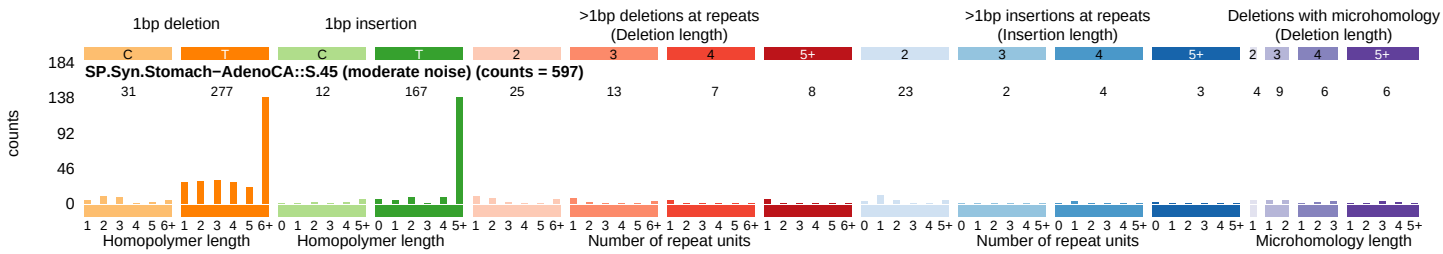
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.40 (moderate noise) (counts = 1593)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.41 (moderate noise) (counts = 1556)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.42 (moderate noise) (counts = 2258)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.43 (moderate noise) (counts = 489)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.44 (moderate noise) (counts = 682)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
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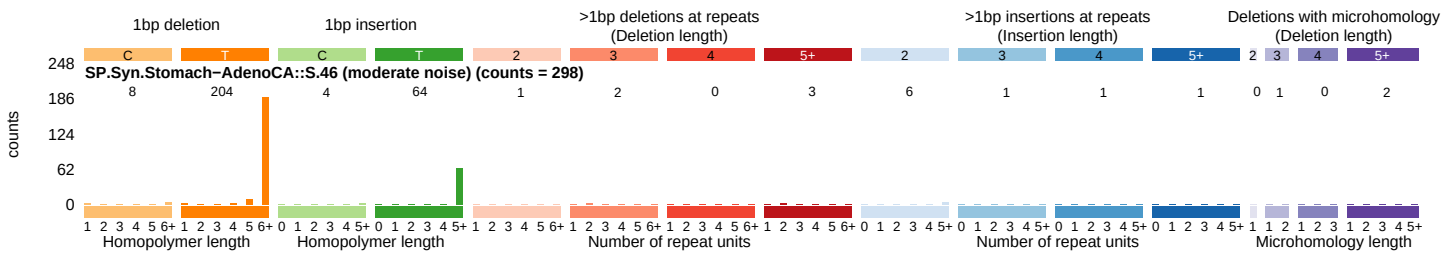
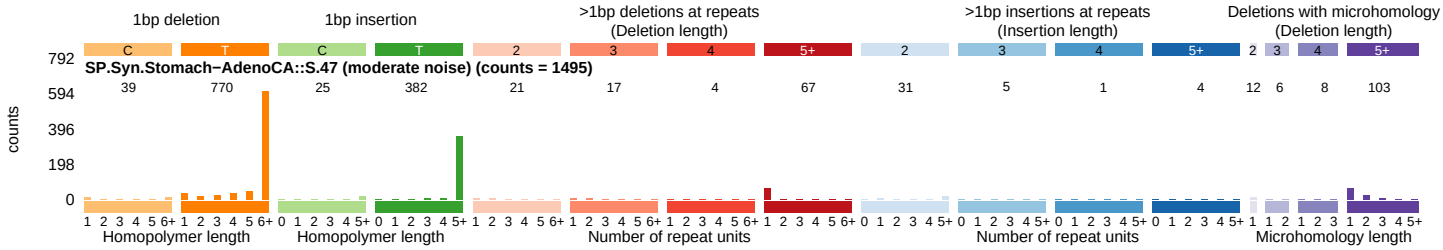
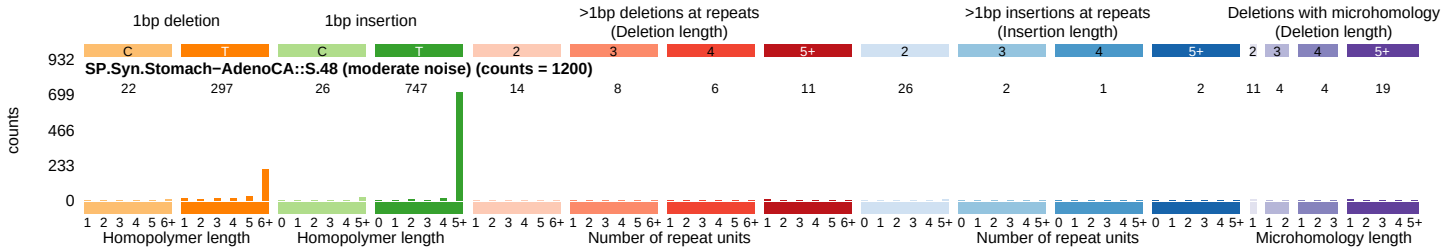
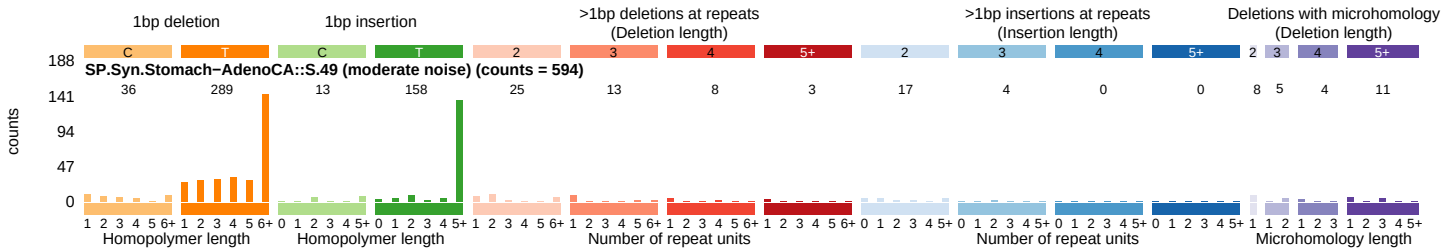
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.45 (moderate noise) (counts = 597)
counts
Homopolymer length
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.46 (moderate 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.Stomach−AdenoCA::S.47 (moderate noise) (counts = 1495)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
39 770 25 382 21 17 4 67 31 5 1 4 12 6 8 103
counts
792 594 396 198 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.48 (moderate noise) (counts = 1200)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
22 297 26 747 14 8 6 11 26 2 1 2 11 4 4 19
counts
932 699 466 233 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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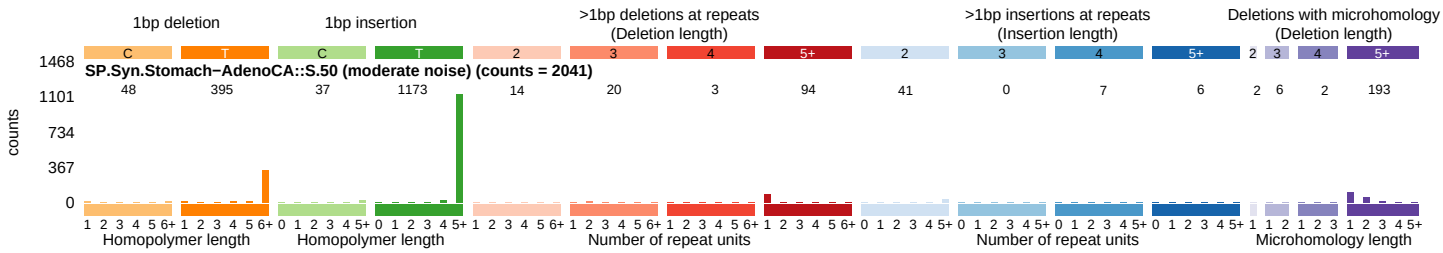
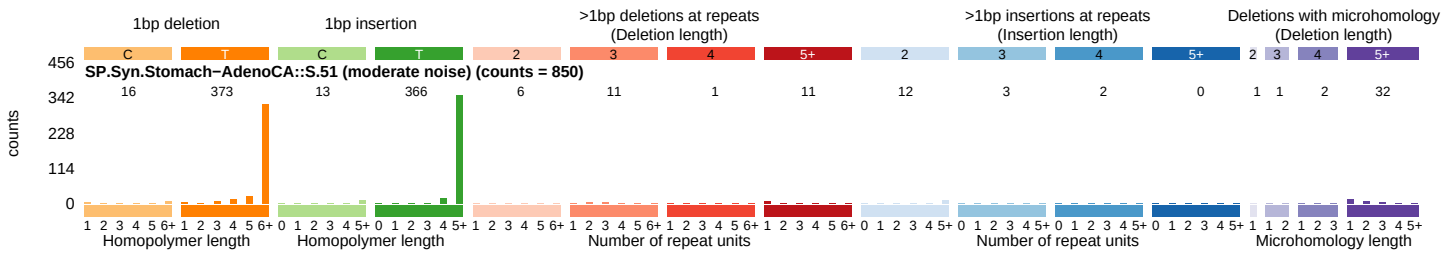
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.49 (moderate noise) (counts = 594)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
36 289 13 158 25 13 8 3 17 4 0 0 8 5 4 11
counts
188 141 94 47 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.50 (moderate noise) (counts = 2041)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
48 395 37 1173 14 20 3 94 41 0 7 6 2 6 2 193
counts
1468 1101 734 367 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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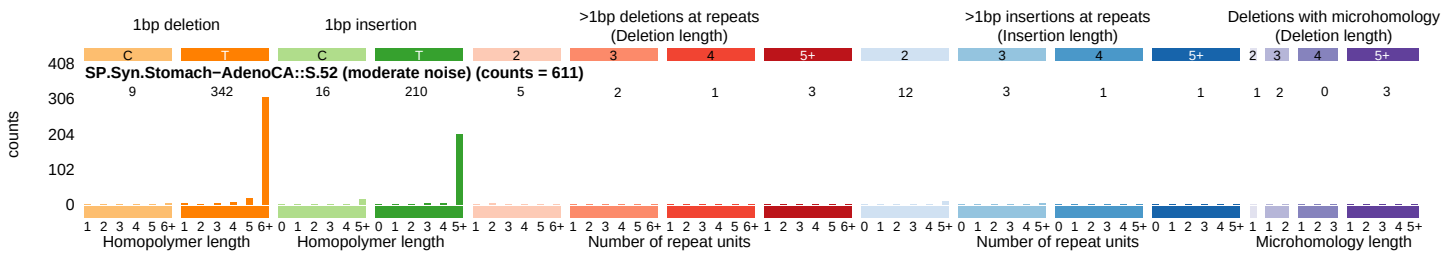
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.51 (moderate noise) (counts = 850)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
16 373 13 366 6 11 1 11 12 3 2 0 1 1 2 32
counts
456 342 228 114 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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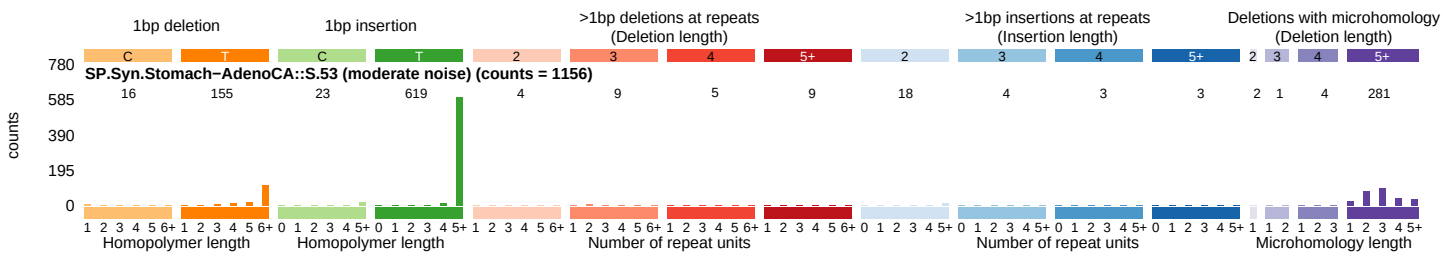
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.52 (moderate noise) (counts = 611)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
9 342 16 210 5 2 1 3 12 3 1 1 1 2 0 3
counts
408 306 204 102 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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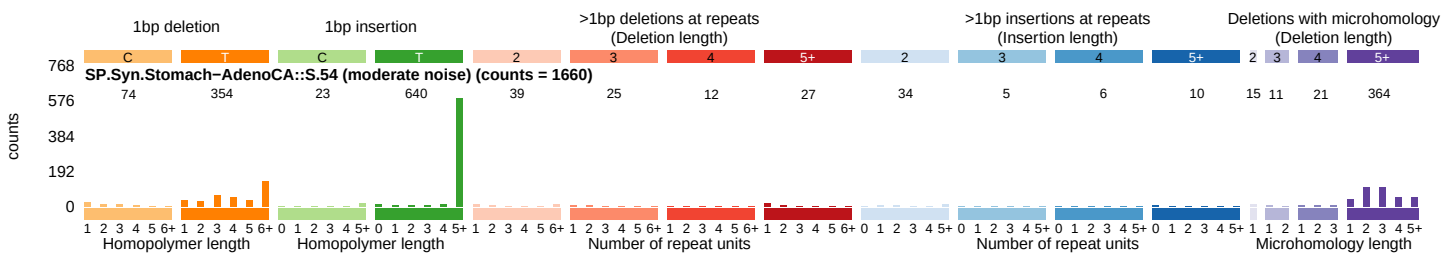
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.53 (moderate noise) (counts = 1156)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
16 155 23 619 4 9 5 9 18 4 3 3 2 1 4 281
counts
780 585 390 195 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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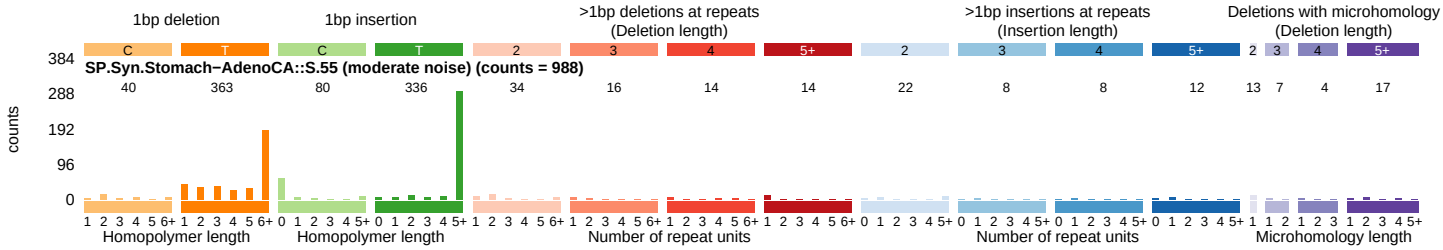
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.54 (moderate noise) (counts = 1660)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
74 354 23 640 39 25 12 27 34 5 6 10 15 11 21 364
counts
768 576 384 192 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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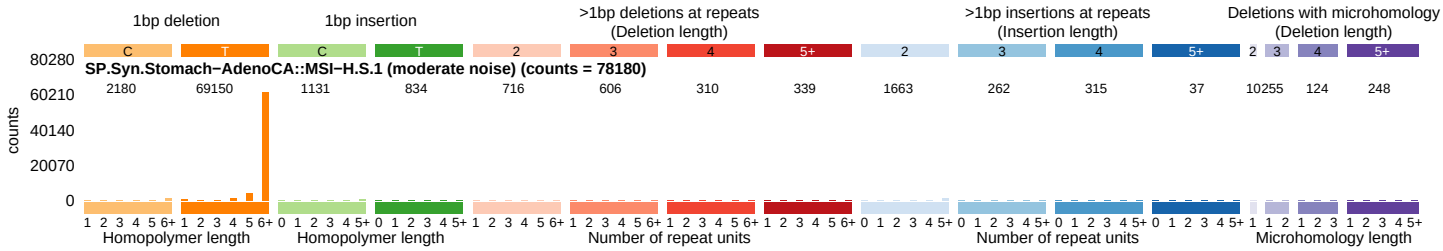
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::S.55 (moderate noise) (counts = 988)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
40 363 80 336 34 16 14 14 22 8 8 12 13 7 4 17
counts
384 288 192 96 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length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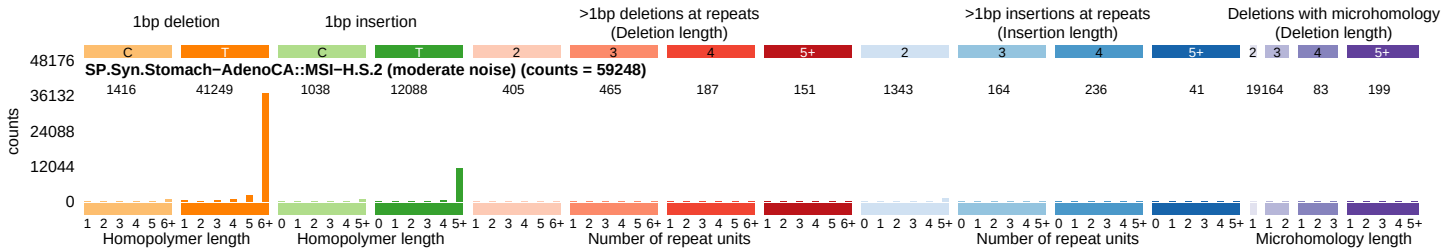
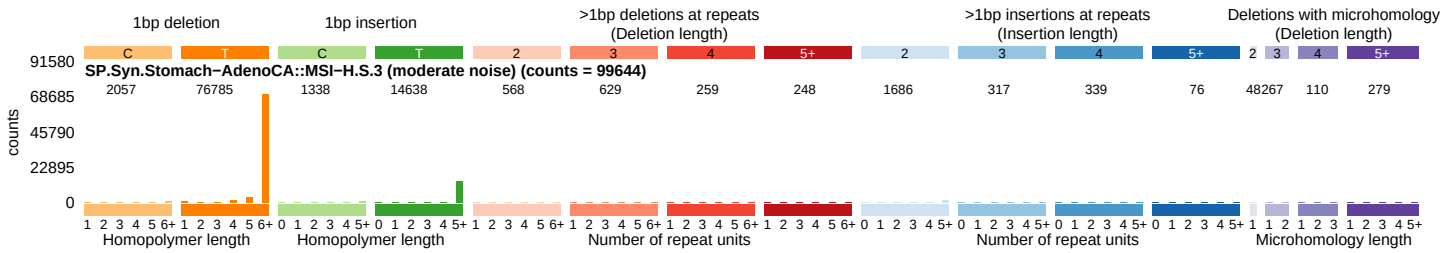
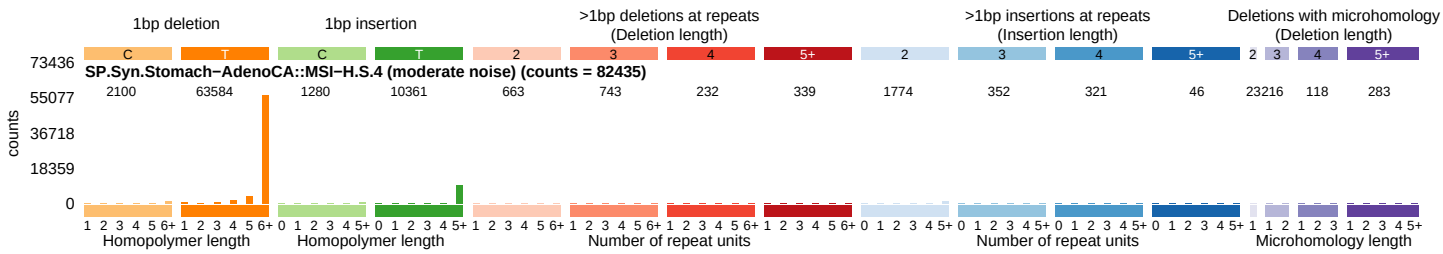
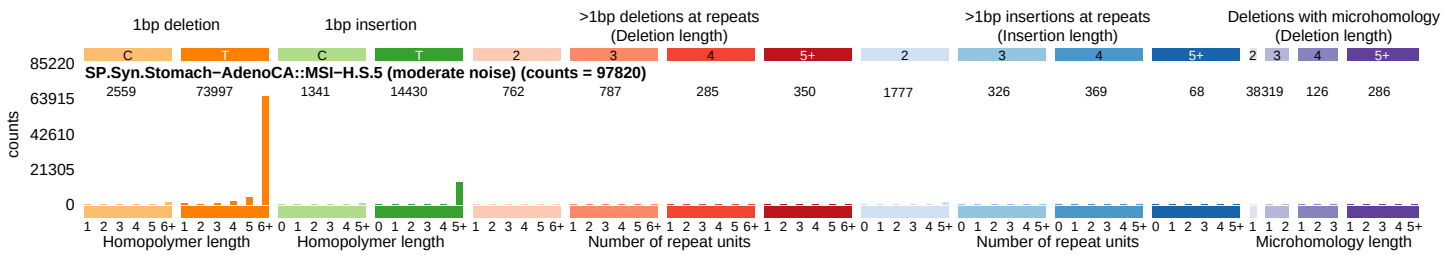
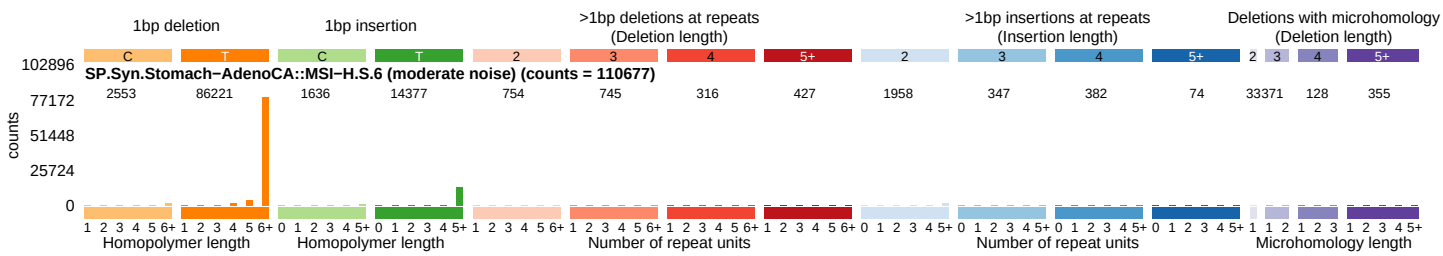
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
SP.Syn.Stomach−AdenoCA::MSI−H.S.1 (moderate noise) (counts = 78180)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
2180 69150 1131 834 716 606 310 339 1663 262 315 37 10255 124 248
counts
80280 60210 40140 20070 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology 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::MSI−H.S.2 (moderate noise) (counts = 59248)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
1416 41249 1038 12088 405 465 187 151 1343 164 236 41 19164 83 199
counts
48176 36132 24088 12044 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology 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::MSI−H.S.3 (moderate noise) (counts = 99644)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
2057 76785 1338 14638 568 629 259 248 1686 317 339 76 48267 110 279
counts
91580 68685 45790 22895 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology 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::MSI−H.S.4 (moderate noise) (counts = 82435)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
2100 63584 1280 10361 663 743 232 339 1774 352 321 46 23216 118 283
counts
73436 55077 36718 18359 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology 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::MSI−H.S.5 (moderate noise) (counts = 97820)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
2559 73997 1341 14430 762 787 285 350 1777 326 369 68 38319 126 286
counts
85220 63915 42610 21305 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology 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::MSI−H.S.6 (moderate noise) (counts = 110677)
C T C T 2 3 4 5+ 2 3 4 5+ 2 3 4 5+
2553 86221 1636 14377 754 745 316 427 1958 347 382 74 33371 128 355
counts
102896 77172 51448 25724 0
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length