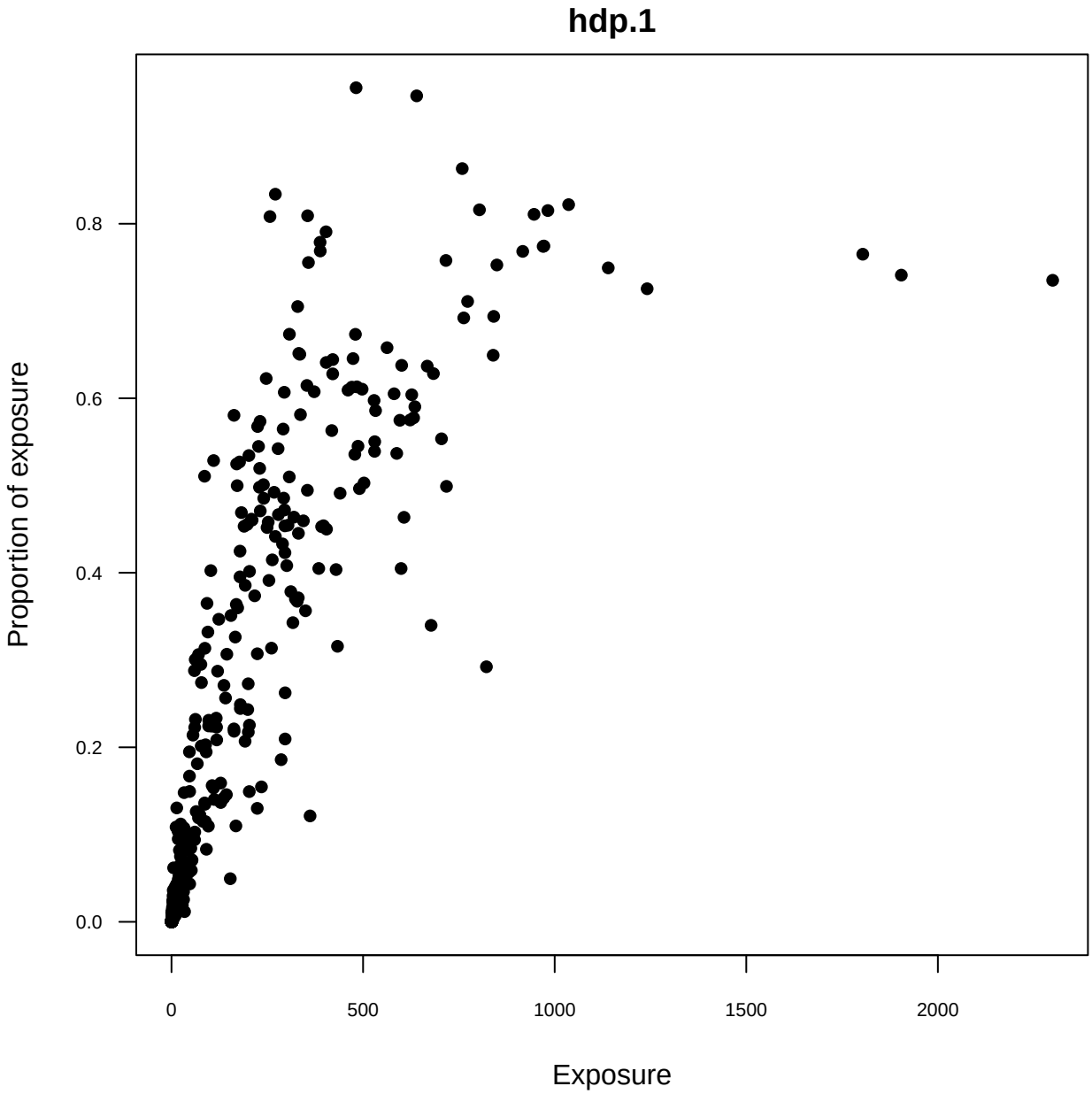
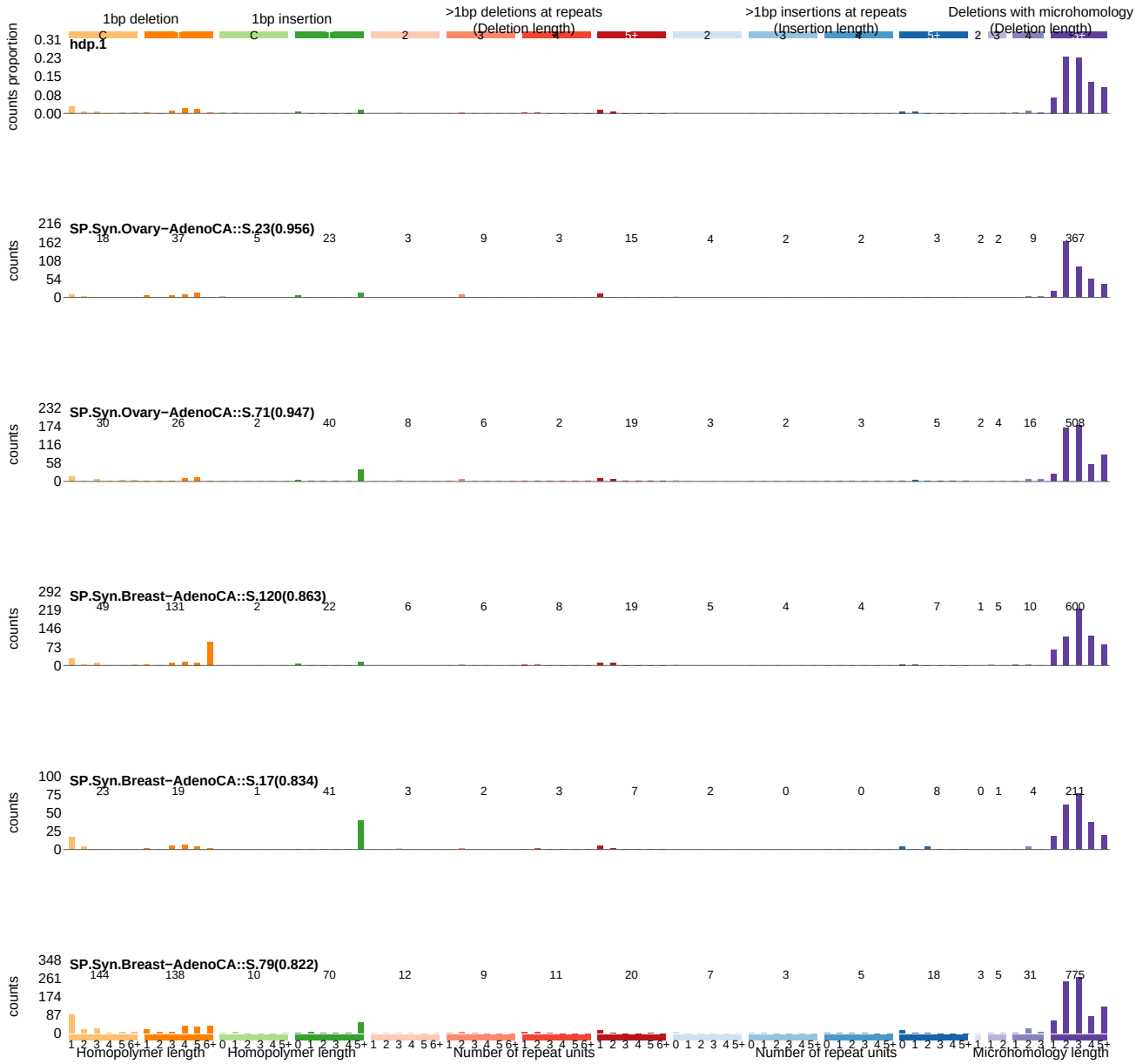
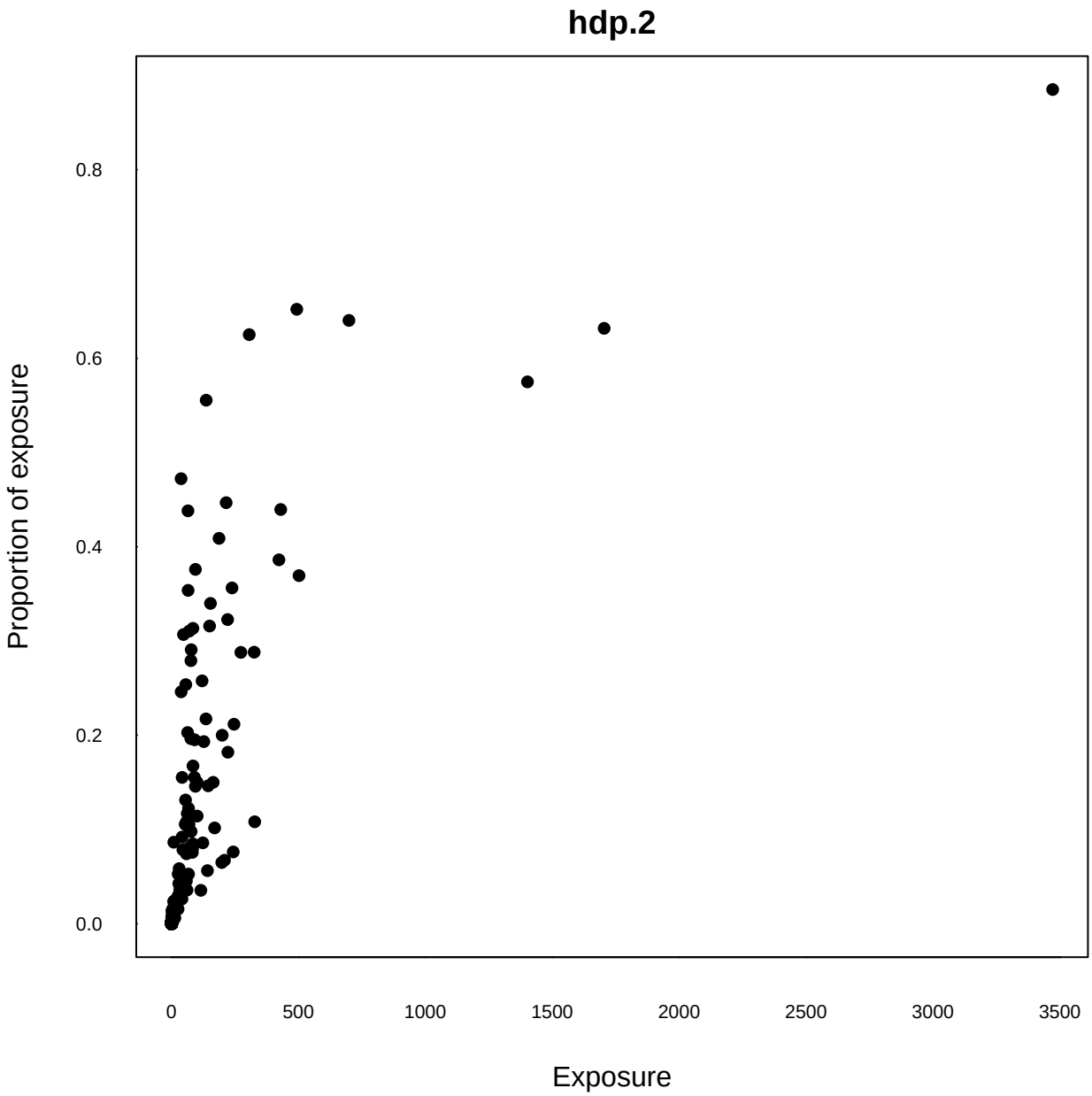
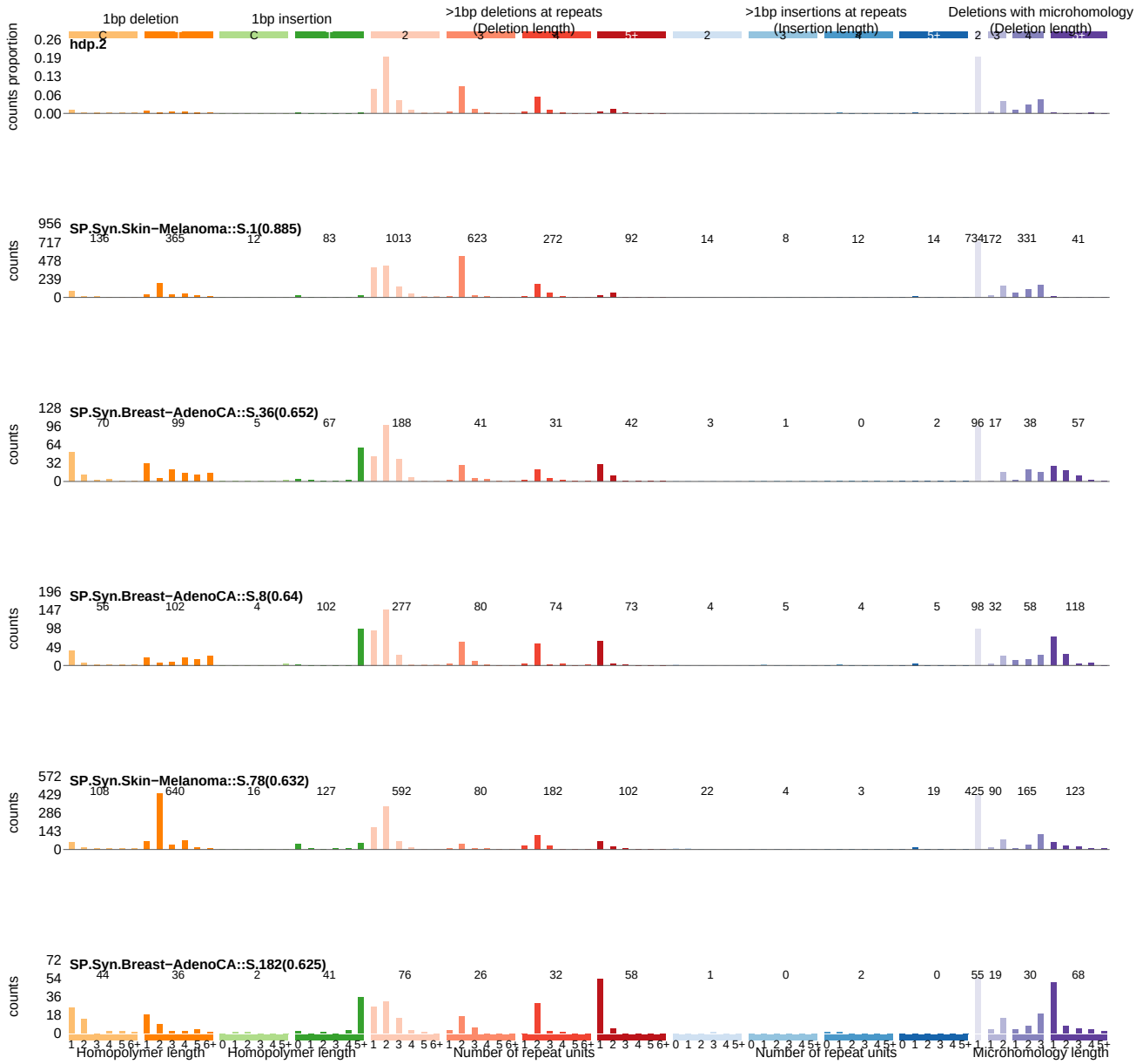
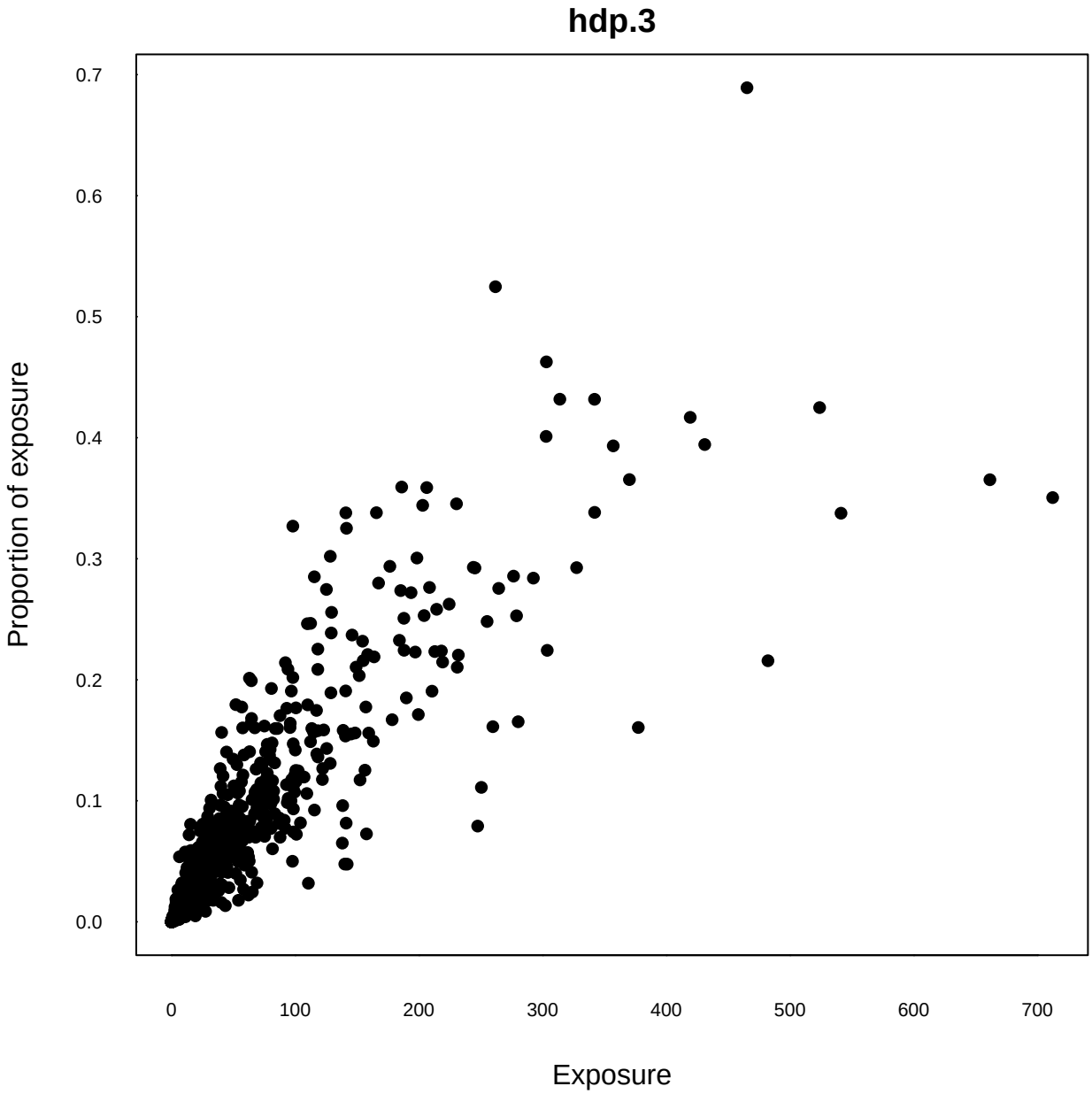
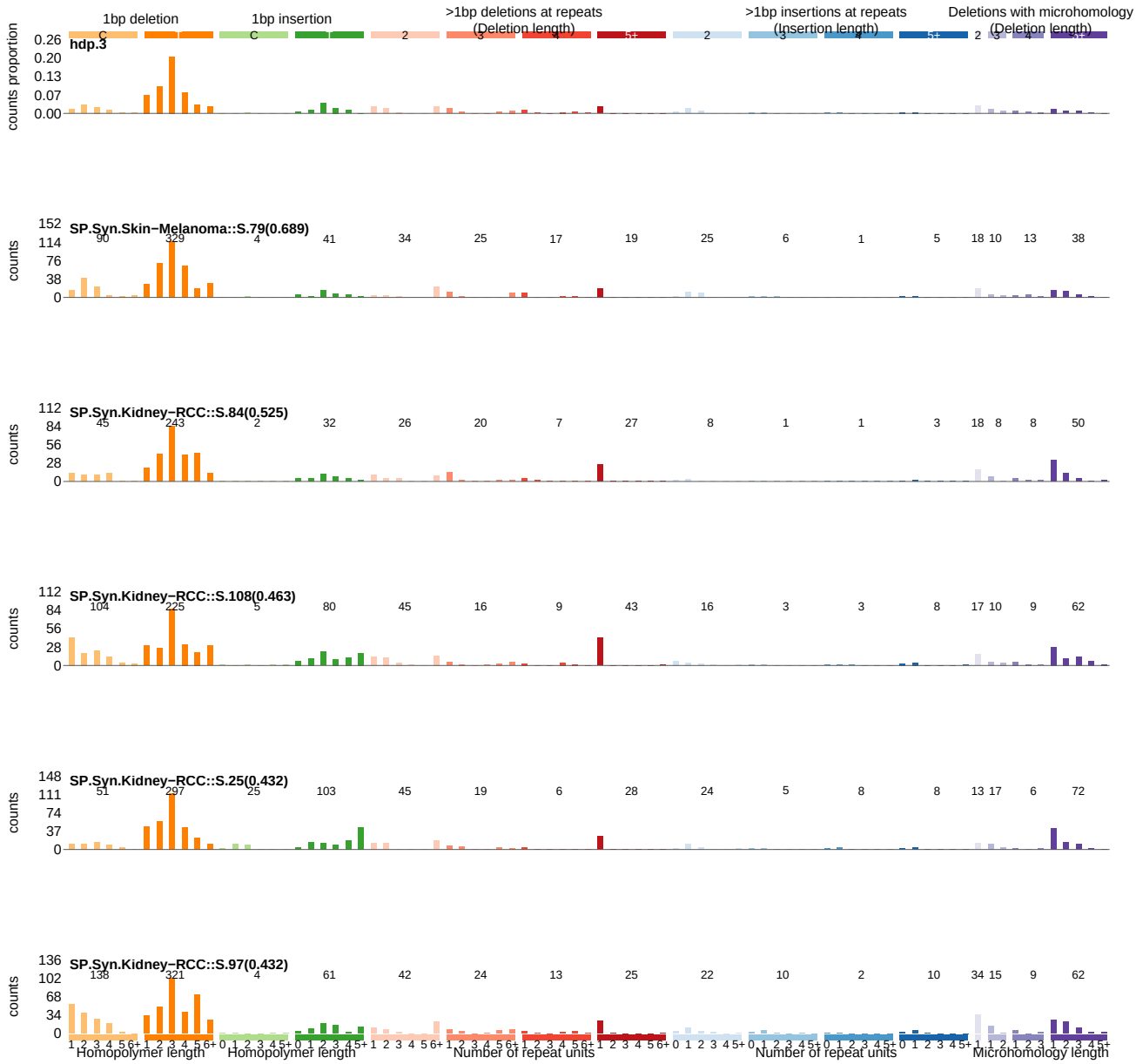

hdp.1
Proportion of exposure
0.0
0.2
0.4
0.6
0.8
0
500
1000
1500
2000
Exposure

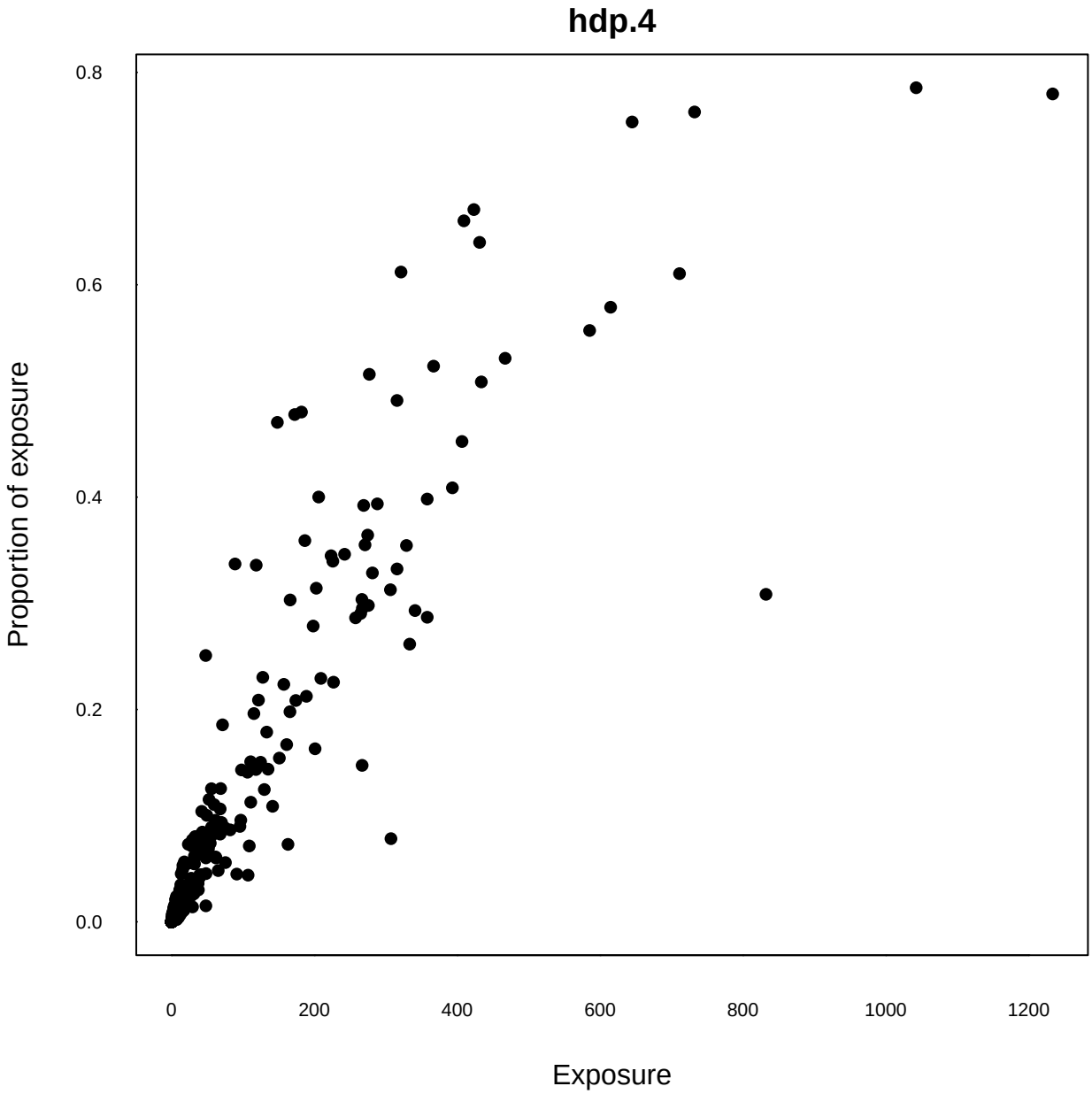

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
counts proportion
hdp.1
counts
SP.Syn.Ovary−AdenoCA::S.23(0.956)
SP.Syn.Ovary−AdenoCA::S.71(0.947)
SP.Syn.Breast−AdenoCA::S.120(0.863)
SP.Syn.Breast−AdenoCA::S.17(0.834)
SP.Syn.Breast−AdenoCA::S.79(0.822)
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

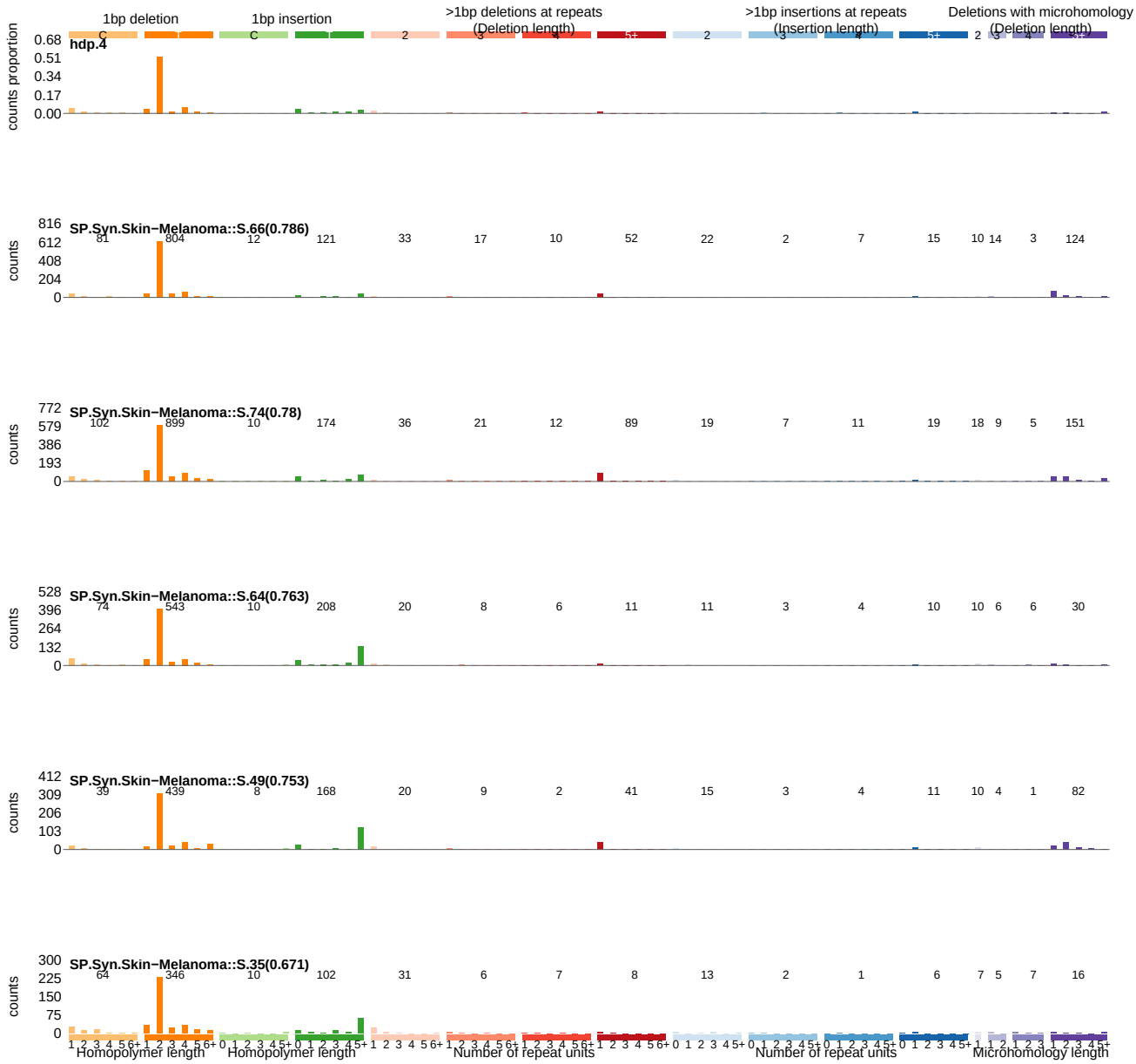

hdp.2
Proportion of exposure
0.0
0.2
0.4
0.6
0.8
0
500
1000
1500
2000
2500
3000
3500
Exposure

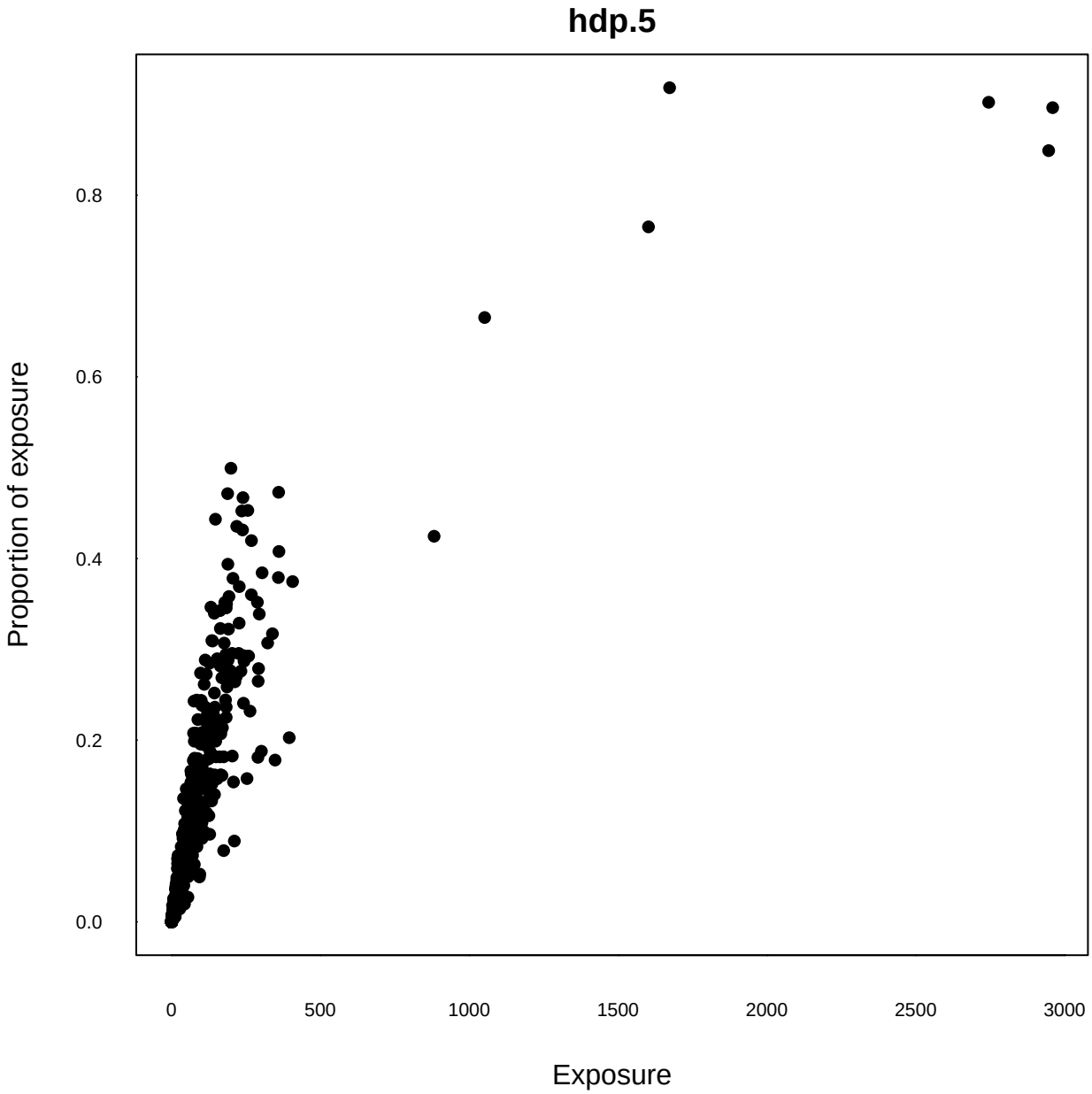

1bp deletion
1bp insertion
>1bp deletions at repeats
(Deletion length)
>1bp insertions at repeats
(Insertion length)
Deletions with microhomology
(Deletion length)
counts proportion
hdp.2
counts
SP.Syn.Skin−Melanoma::S.1(0.885)
SP.Syn.Breast−AdenoCA::S.36(0.652)
SP.Syn.Breast−AdenoCA::S.8(0.64)
SP.Syn.Skin−Melanoma::S.78(0.632)
SP.Syn.Breast−AdenoCA::S.182(0.625)
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

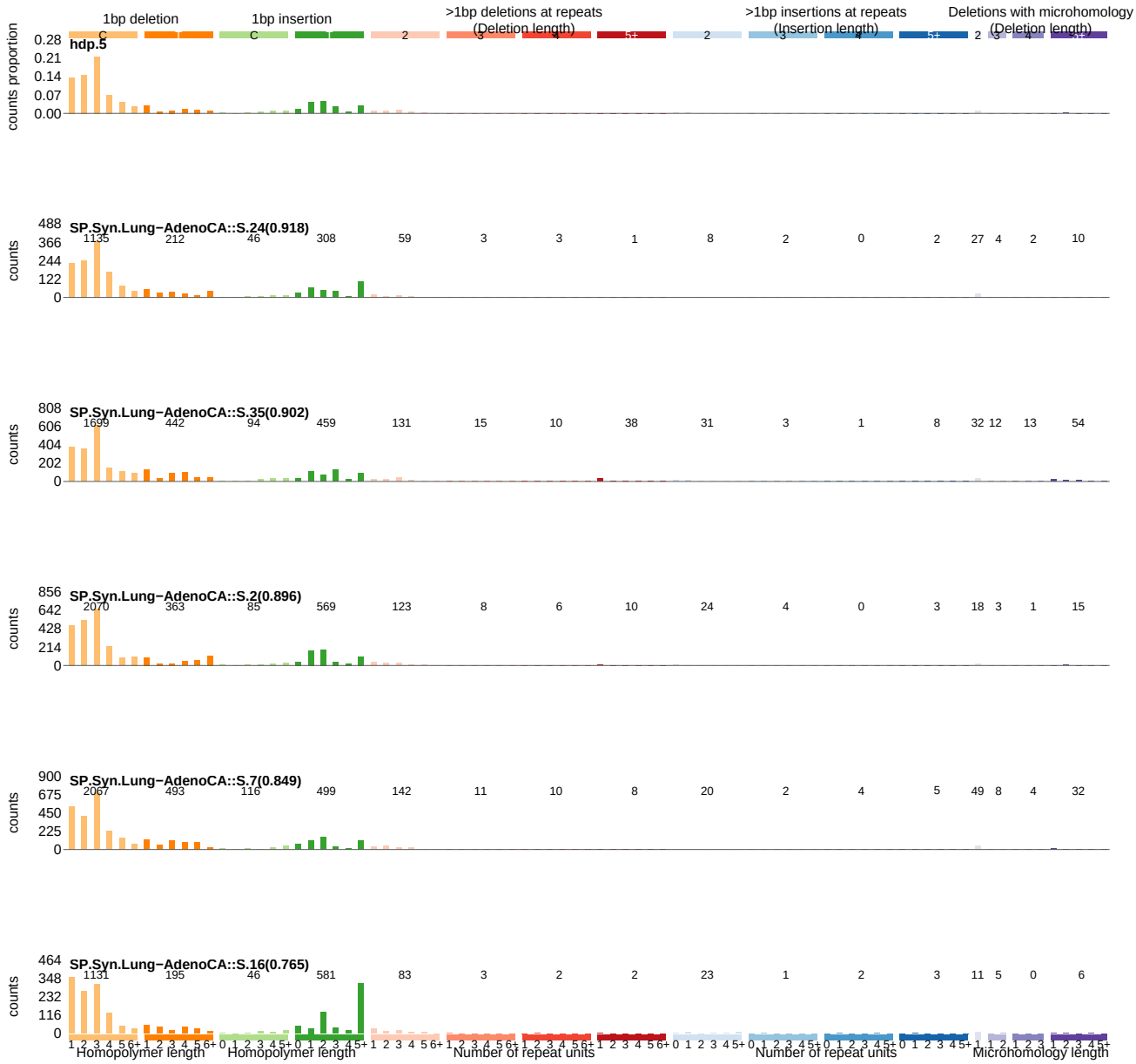

hdp.3
Proportion of exposure
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0
100
200
300
400
500
600
700
Exposure

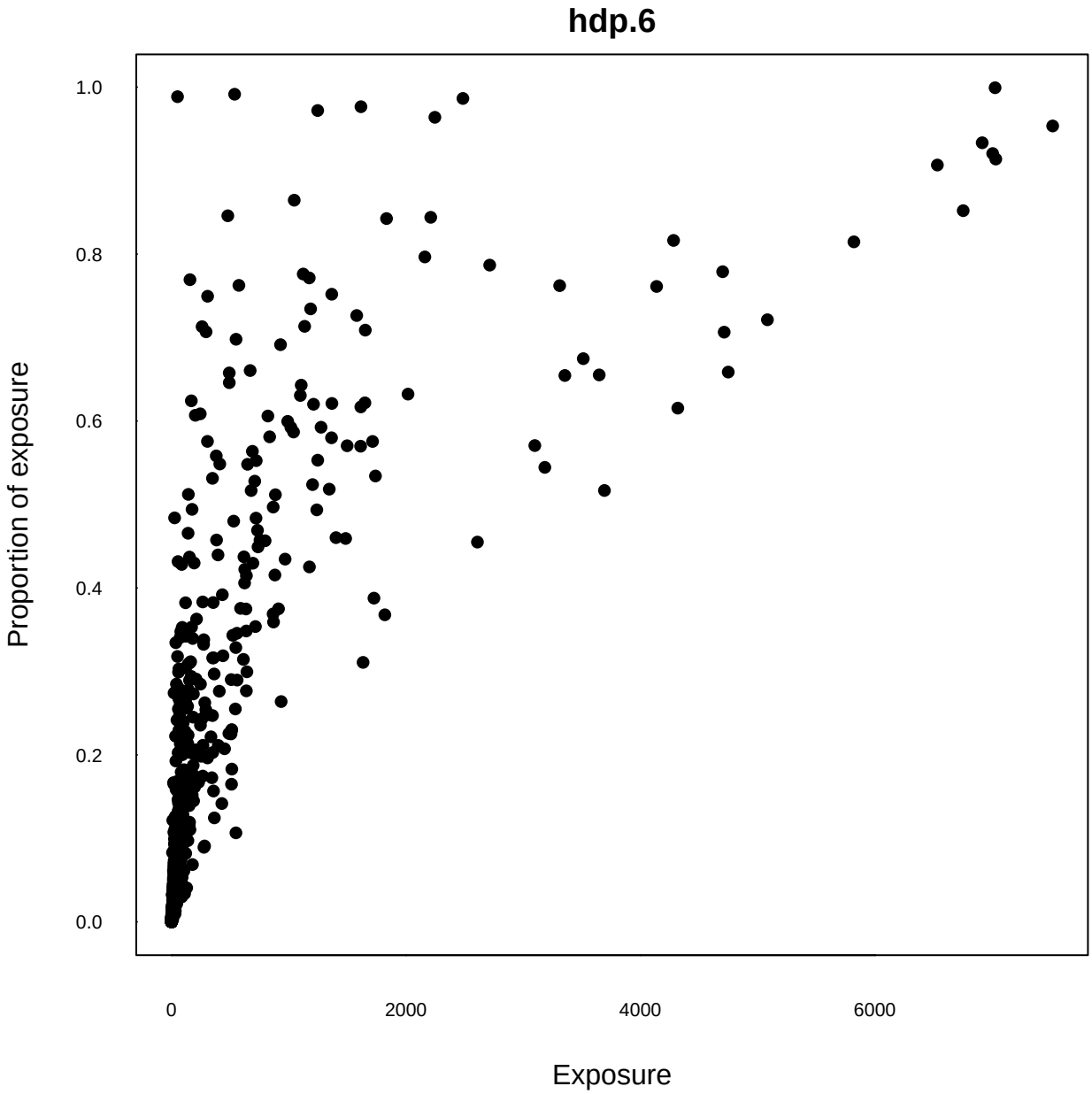

1bp deletion
1bp insertion
>1bp deletions at repeats
(Deletion length)
>1bp insertions at repeats
(Insertion length)
Deletions with microhomology
(Deletion length)
counts proportion
hdp.3
counts
SP.Syn.Skin−Melanoma::S.79(0.689)
SP.Syn.Kidney−RCC::S.84(0.525)
SP.Syn.Kidney−RCC::S.108(0.463)
SP.Syn.Kidney−RCC::S.25(0.432)
SP.Syn.Kidney−RCC::S.97(0.432)
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

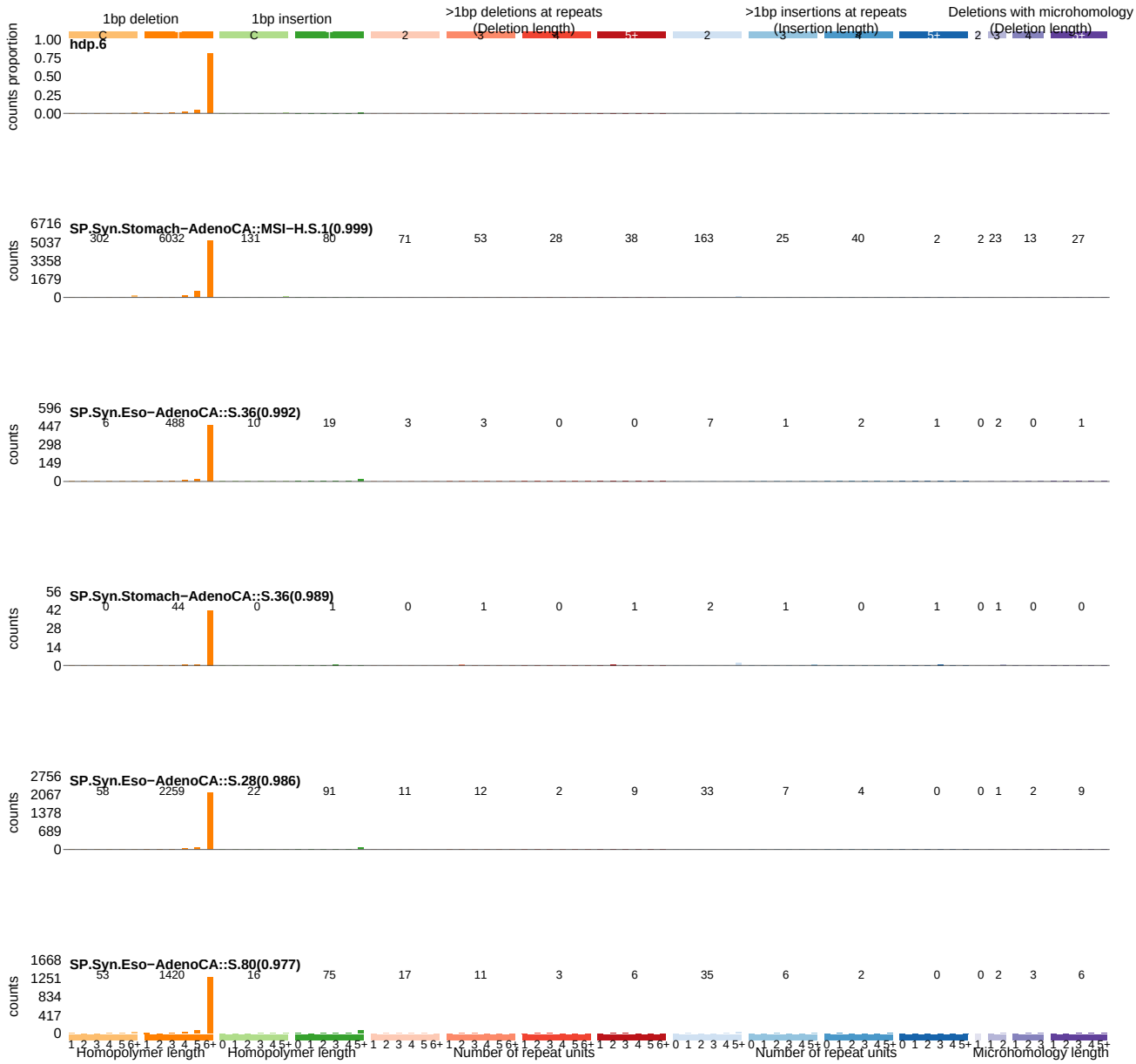

hdp.4
Proportion of exposure
0.0
0.2
0.4
0.6
0.8
0
200
400
600
800
1000
1200
Exposure

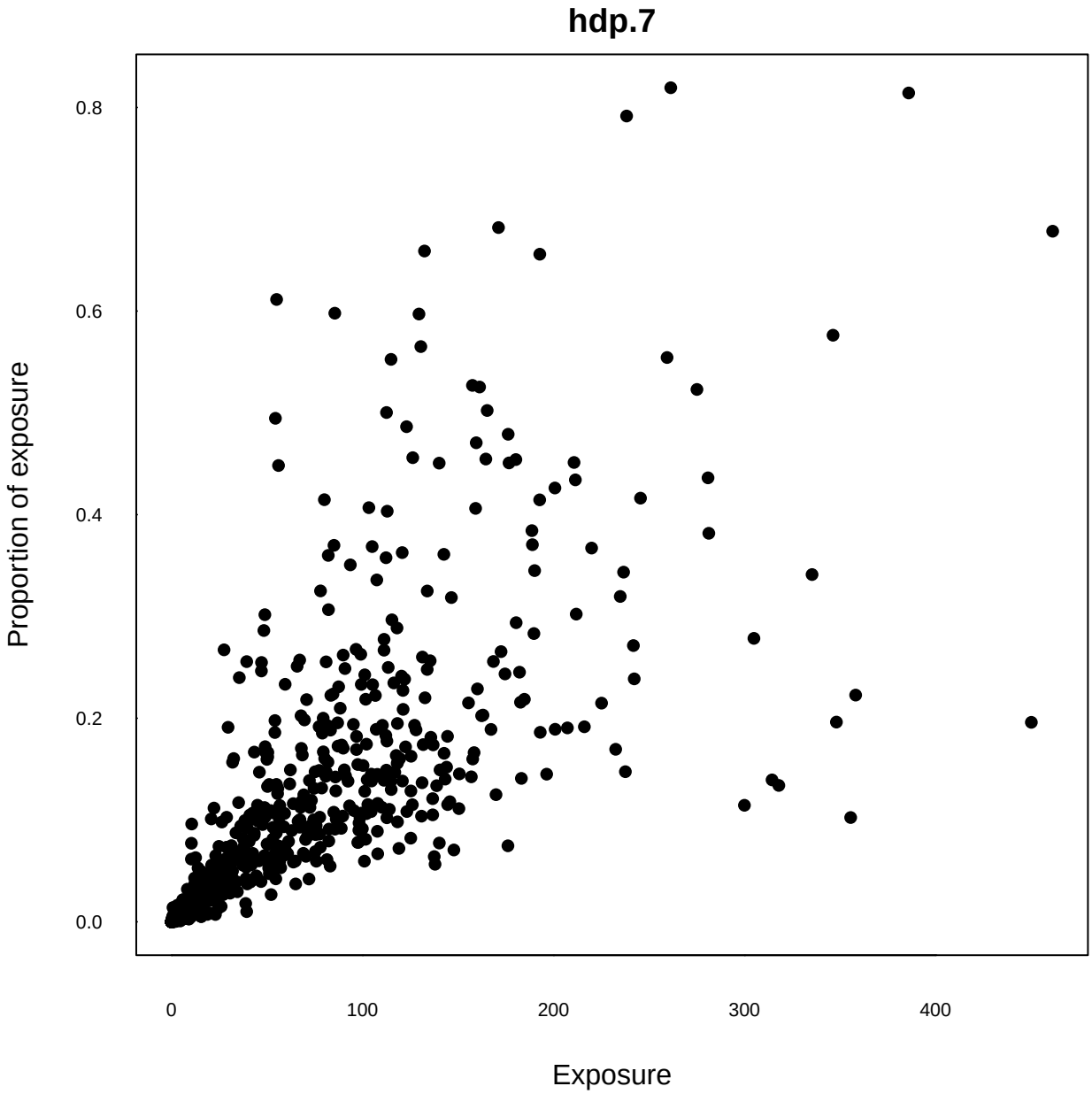

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
counts proportion
hdp.4
SP.Syn.Skin−Melanoma::S.66(0.786)
SP.Syn.Skin−Melanoma::S.74(0.78)
SP.Syn.Skin−Melanoma::S.64(0.763)
SP.Syn.Skin−Melanoma::S.49(0.753)
SP.Syn.Skin−Melanoma::S.35(0.671)
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

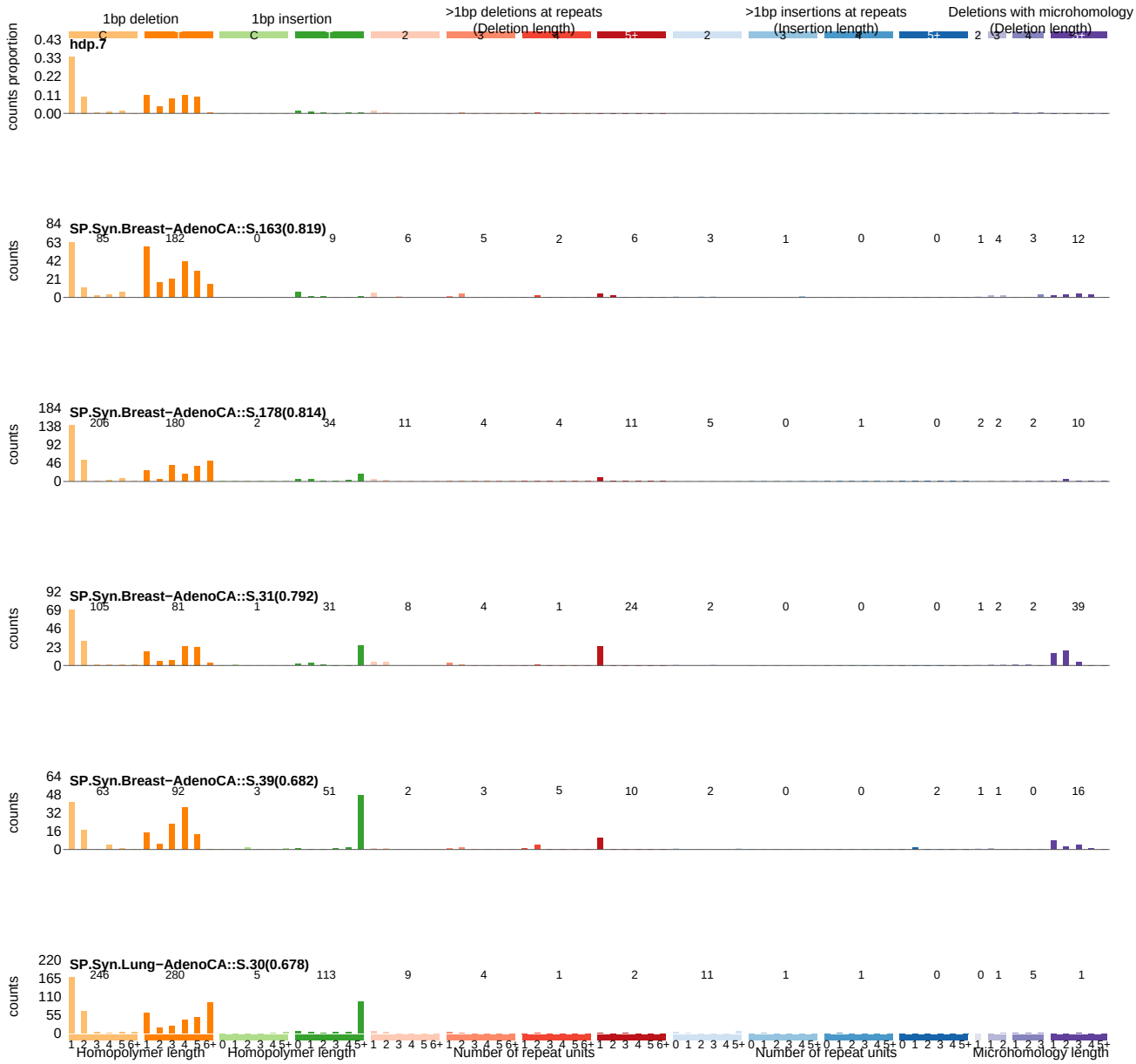

hdp.5
Proportion of exposure
0.0
0.2
0.4
0.6
0.8
0
500
1000
1500
2000
2500
3000
Exposure

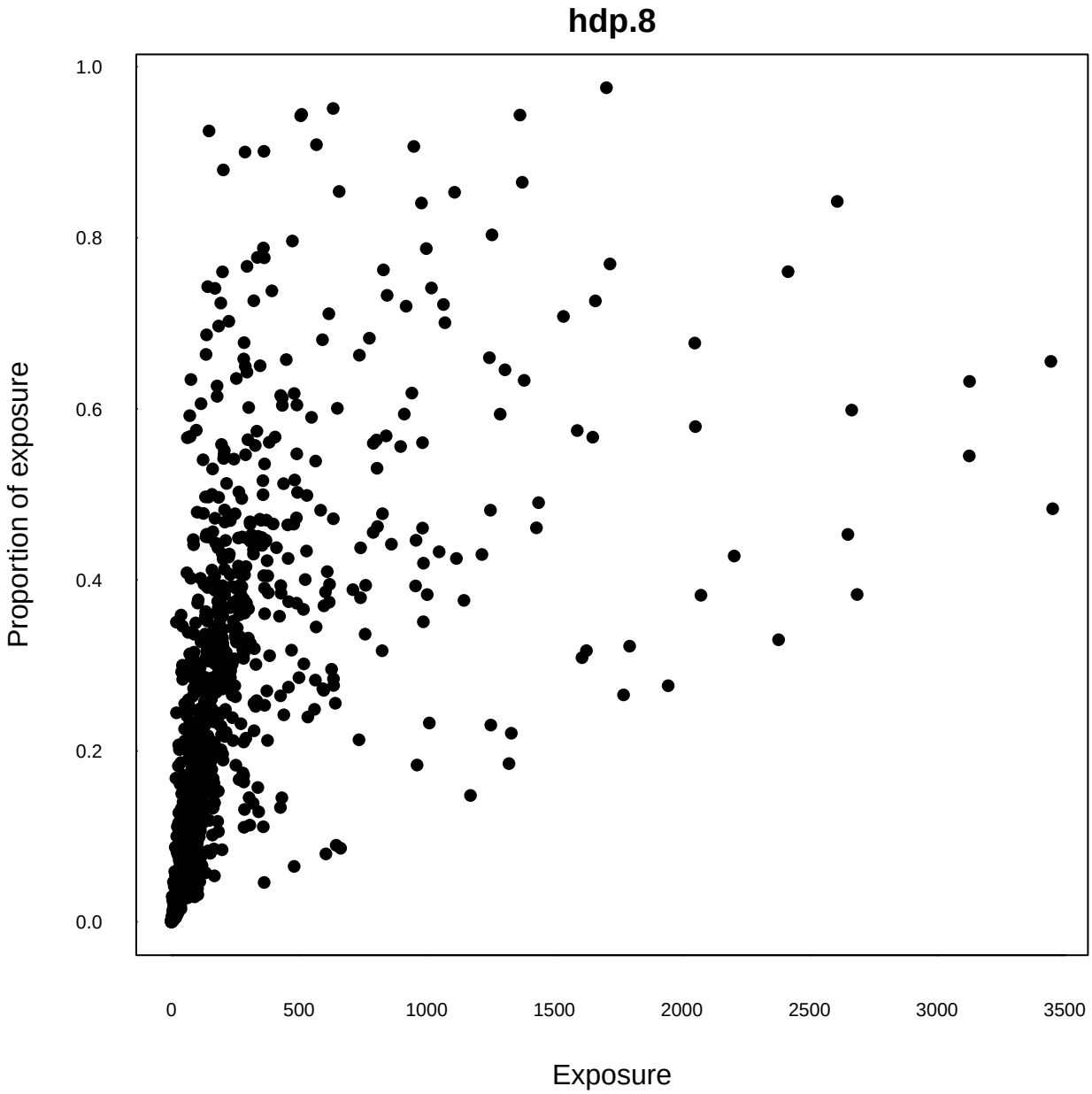

1bp deletion
1bp insertion
>1bp deletions at repeats
(Deletion length)
>1bp insertions at repeats
(Insertion length)
Deletions with microhomology
(Deletion length)
counts proportion
hdp.5
counts
SP.Syn.Lung−AdenoCA::S.24(0.918)
SP.Syn.Lung−AdenoCA::S.35(0.902)
SP.Syn.Lung−AdenoCA::S.2(0.896)
SP.Syn.Lung−AdenoCA::S.7(0.849)
SP.Syn.Lung−AdenoCA::S.16(0.765)
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


hdp.6
Proportion of exposure
1.0
0.8
0.6
0.4
0.2
0.0
0
2000
4000
6000
Exposure

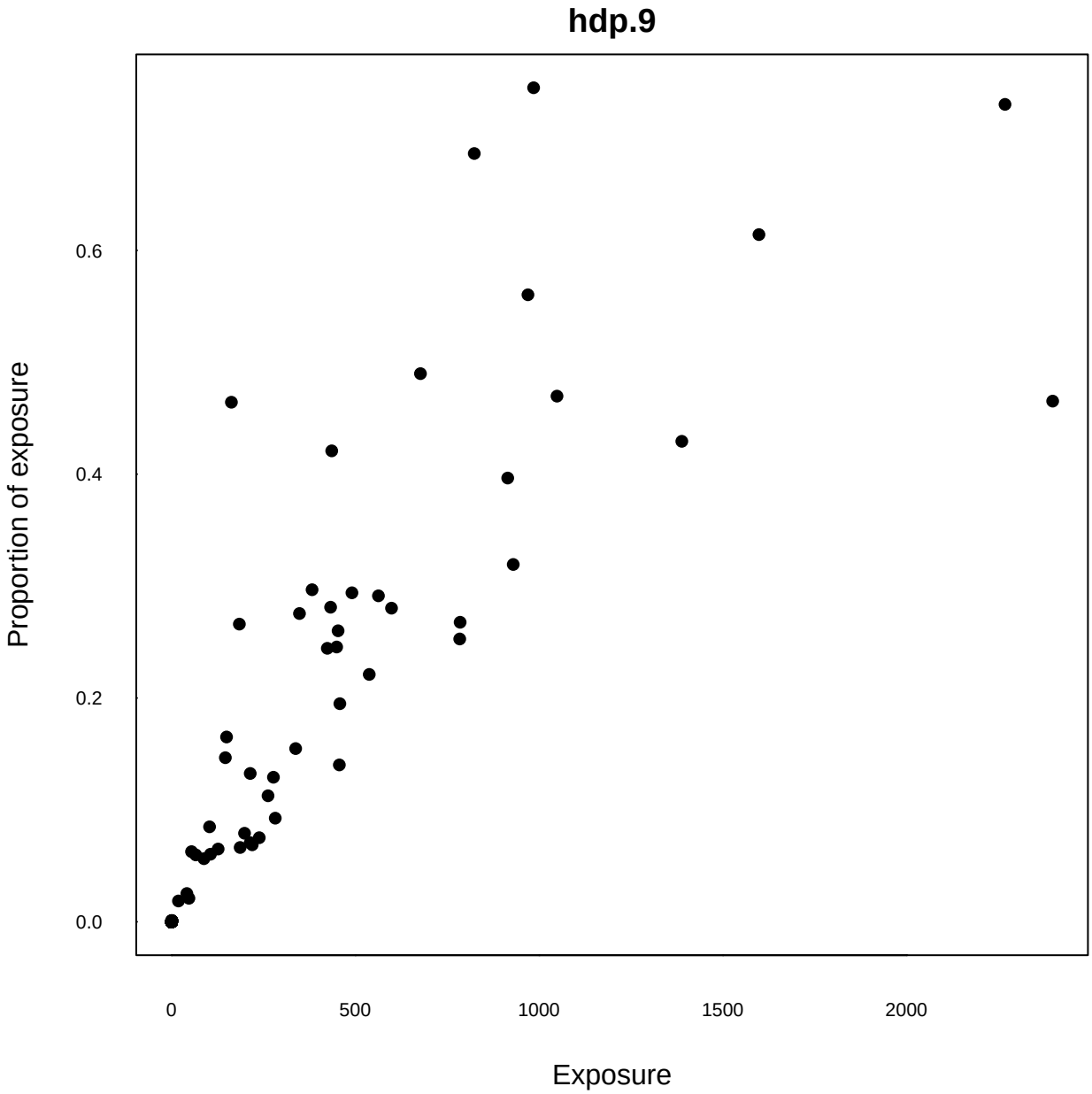

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
C
2
3
4
5+
counts proportion
hdp.6
counts
SP.Syn.Stomach−AdenoCA::MSI−H.S.1(0.999)
SP.Syn.Eso−AdenoCA::S.36(0.992)
SP.Syn.Stomach−AdenoCA::S.36(0.989)
SP.Syn.Eso−AdenoCA::S.28(0.986)
SP.Syn.Eso−AdenoCA::S.80(0.977)
Homopolymer length
Number of repeat units
Microhomology length

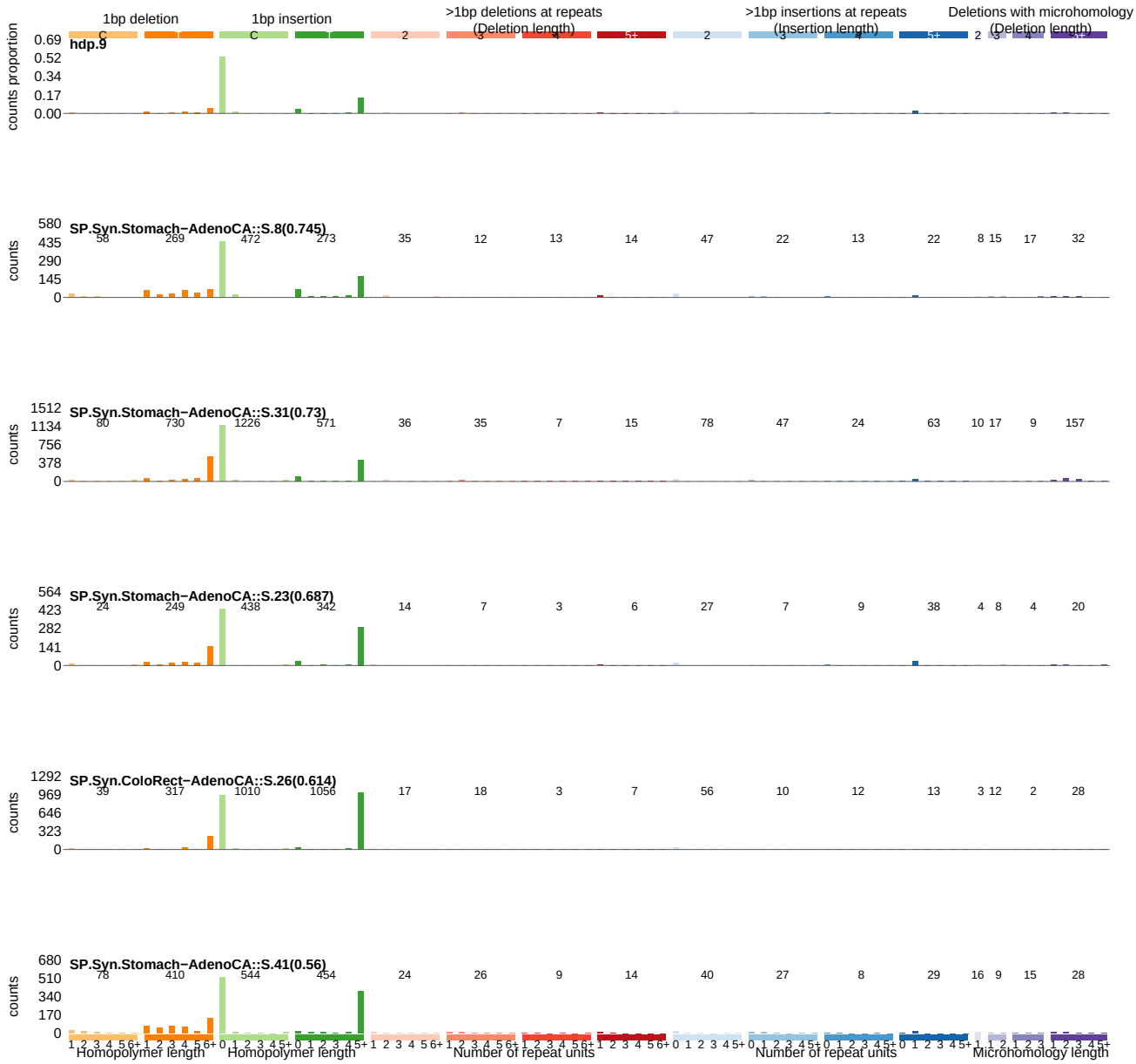

hdp.7
Proportion of exposure
0.0
0.2
0.4
0.6
0.8
0
100
200
300
400
Exposure

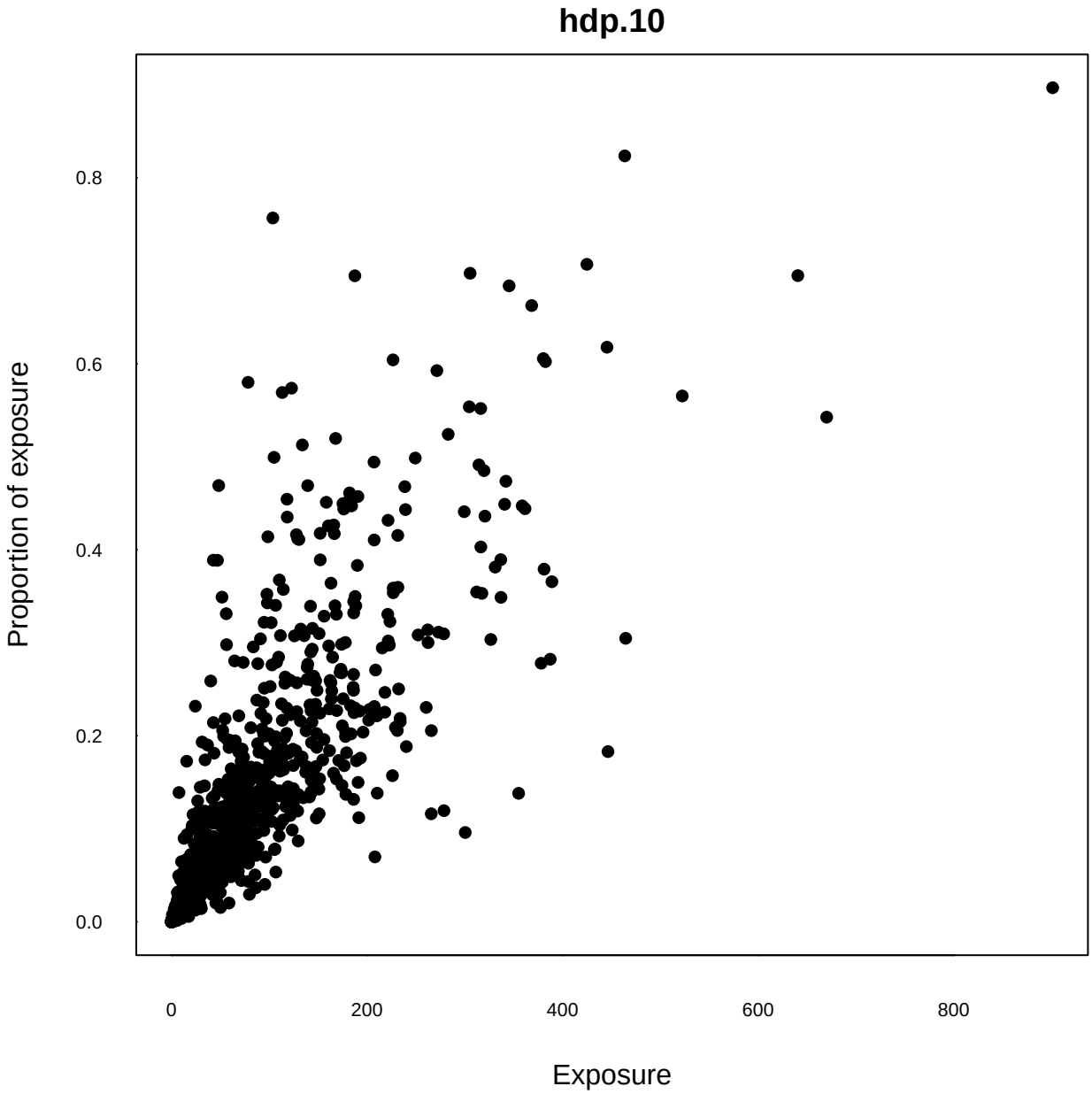

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
counts proportion
hdp.7
SP.Syn.Breast−AdenoCA::S.163(0.819)
SP.Syn.Breast−AdenoCA::S.178(0.814)
SP.Syn.Breast−AdenoCA::S.31(0.792)
SP.Syn.Breast−AdenoCA::S.39(0.682)
SP.Syn.Lung−AdenoCA::S.30(0.678)
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

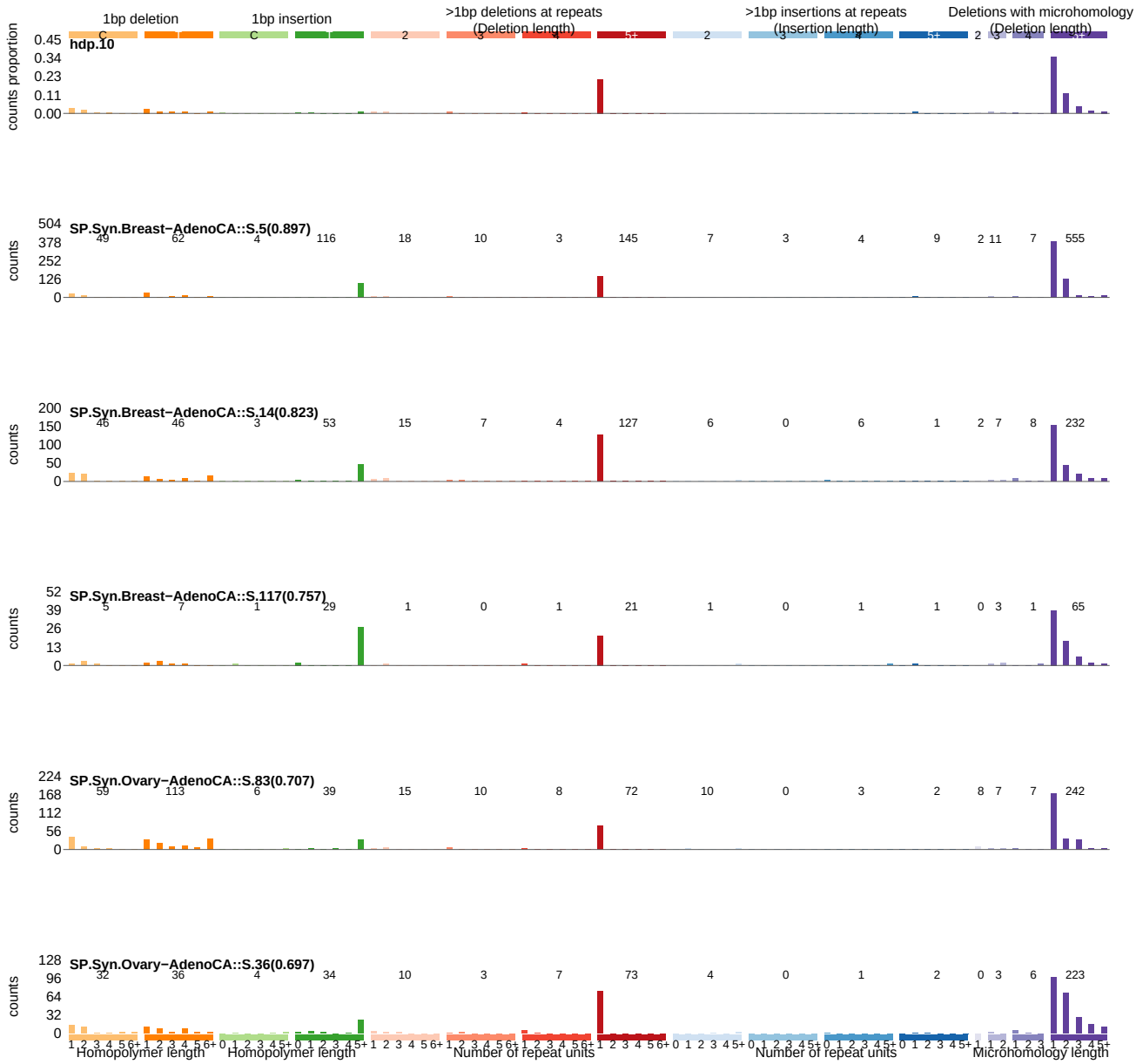

hdp.8
Proportion of exposure
1.0
0.8
0.6
0.4
0.2
0.0
0
500
1000
1500
2000
2500
3000
3500
Exposure

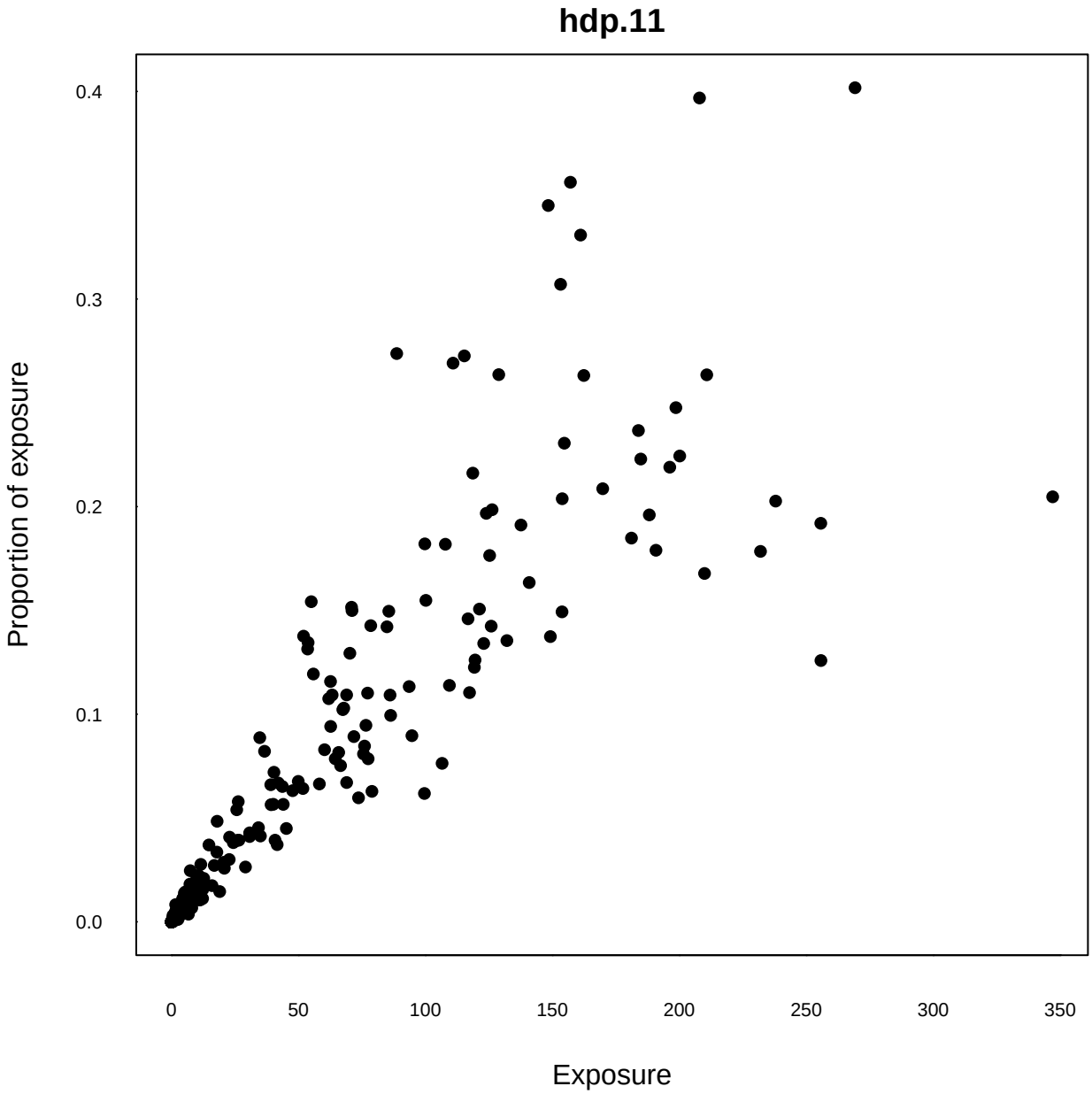
1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
counts proportion
hdp.8
counts
SP.Syn.ColoRect−AdenoCA::S.2(0.976)
SP.Syn.Eso−AdenoCA::S.17(0.951)
SP.Syn.Eso−AdenoCA::S.73(0.944)
SP.Syn.Stomach−AdenoCA::S.24(0.944)
SP.Syn.Stomach−AdenoCA::S.19(0.943)
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

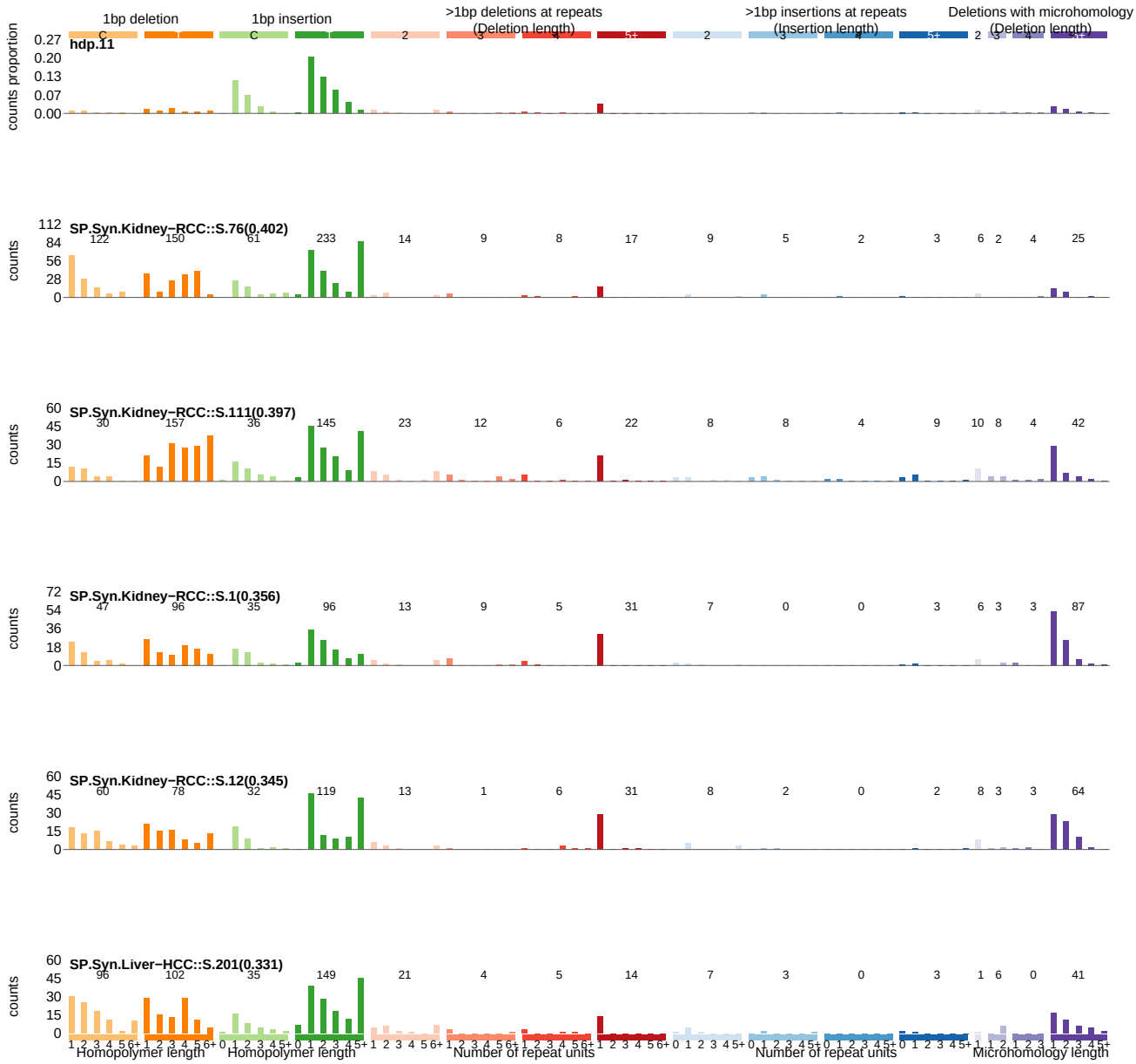

hdp.9
Proportion of exposure
0.0
0.2
0.4
0.6
0
500
1000
1500
2000
Exposure

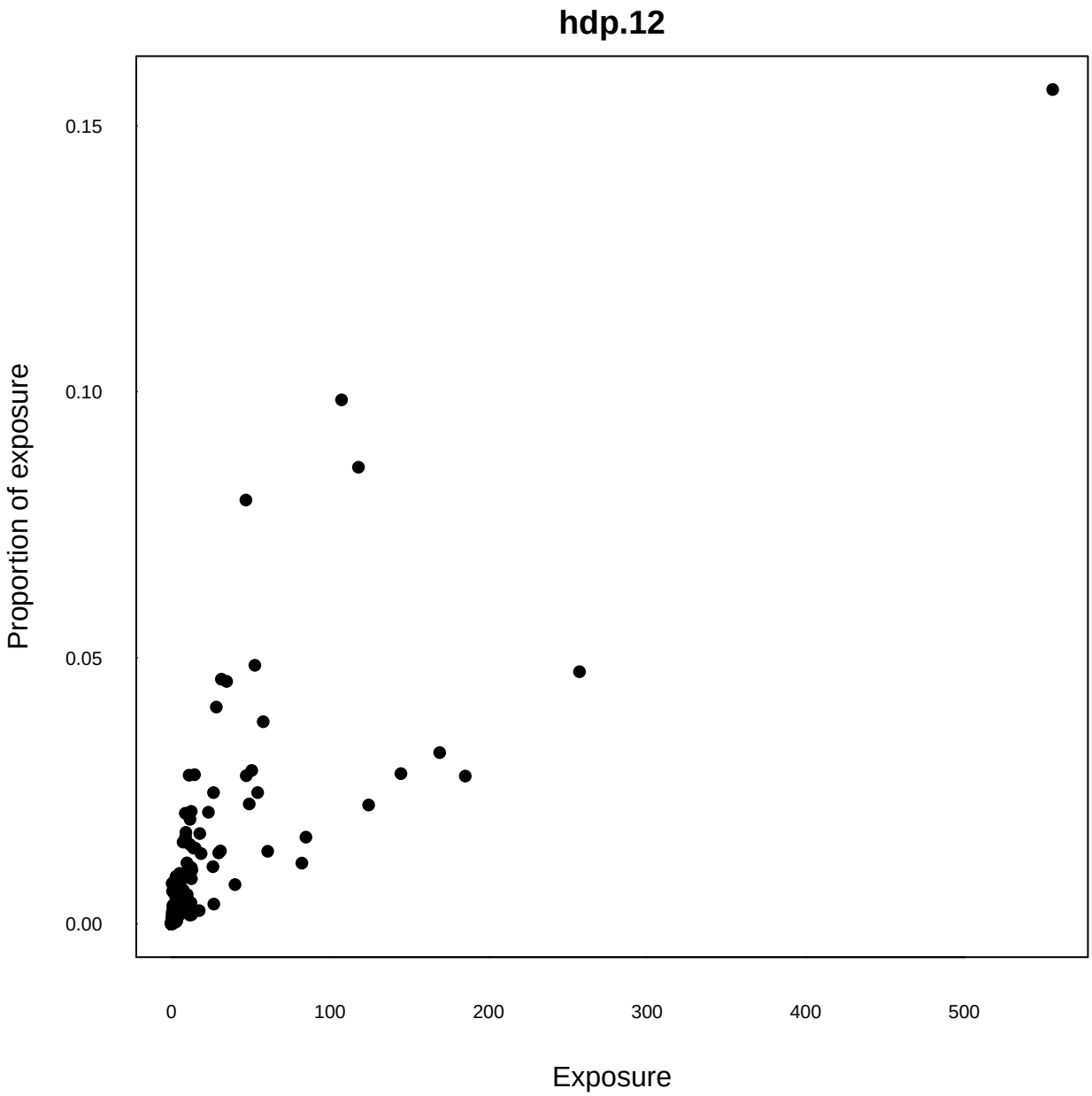

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
counts proportion
hdp.9
SP.Syn.Stomach−AdenoCA::S.8(0.745)
SP.Syn.Stomach−AdenoCA::S.31(0.73)
SP.Syn.Stomach−AdenoCA::S.23(0.687)
SP.Syn.ColoRect−AdenoCA::S.26(0.614)
SP.Syn.Stomach−AdenoCA::S.41(0.56)
counts
Homopolymer length
Number of repeat units
Microhomology length

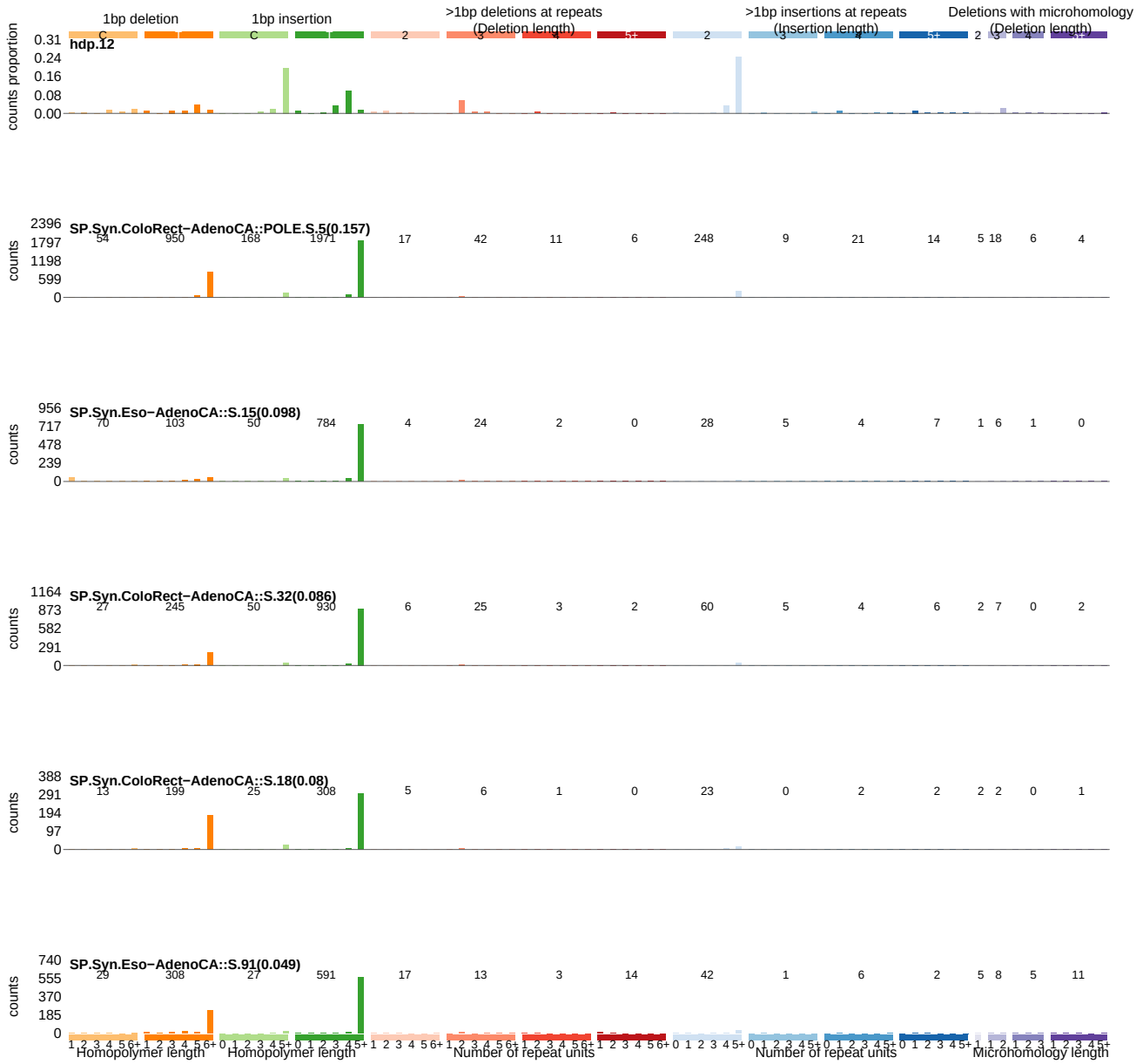

hdp.10
Proportion of exposure
0.0
0.2
0.4
0.6
0.8
0
200
400
600
800
Exposure

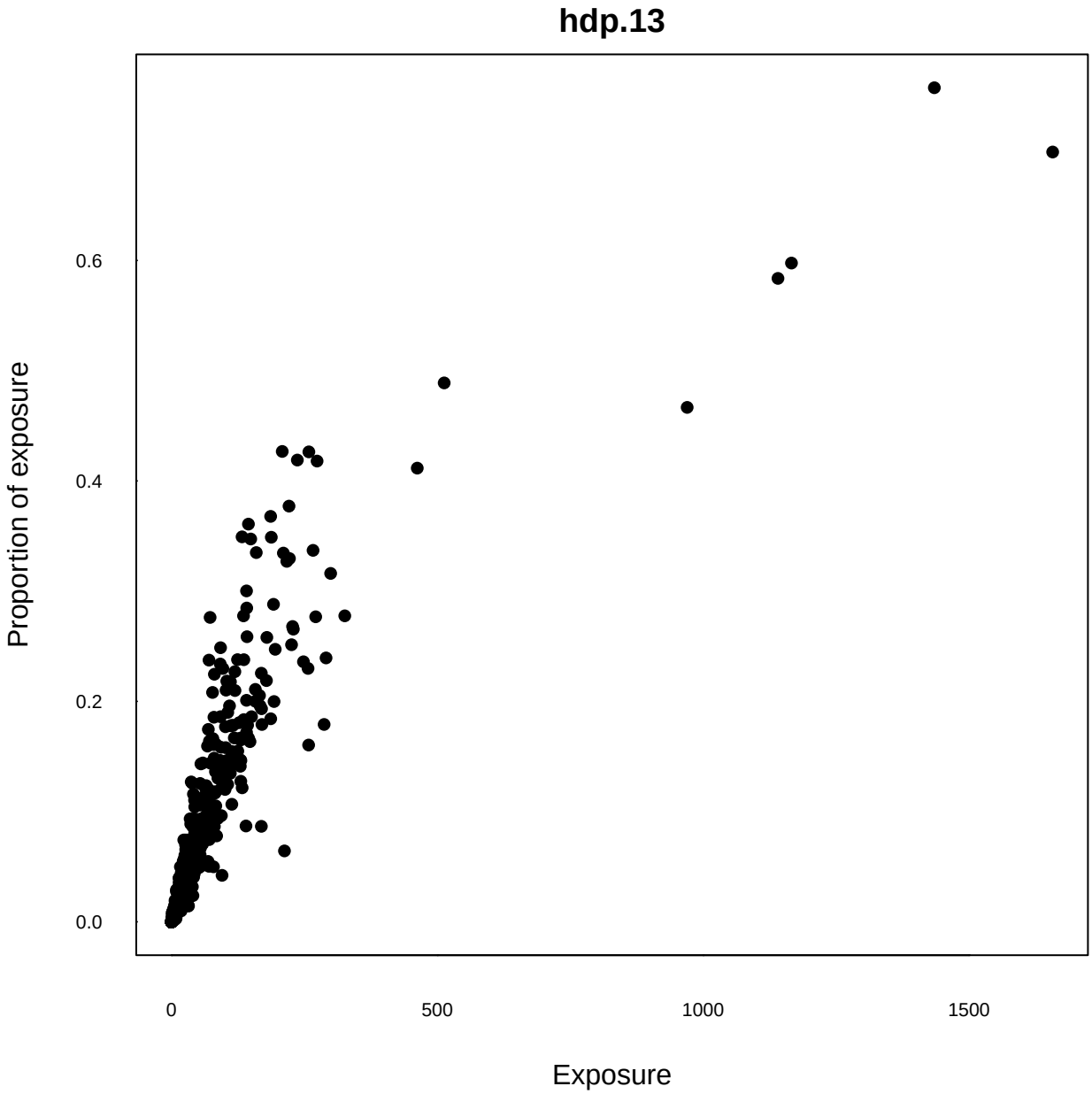

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
counts proportion
hdp.10
counts
SP.Syn.Breast−AdenoCA::S.5(0.897)
SP.Syn.Breast−AdenoCA::S.14(0.823)
SP.Syn.Breast−AdenoCA::S.117(0.757)
SP.Syn.Ovary−AdenoCA::S.83(0.707)
SP.Syn.Ovary−AdenoCA::S.36(0.697)
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

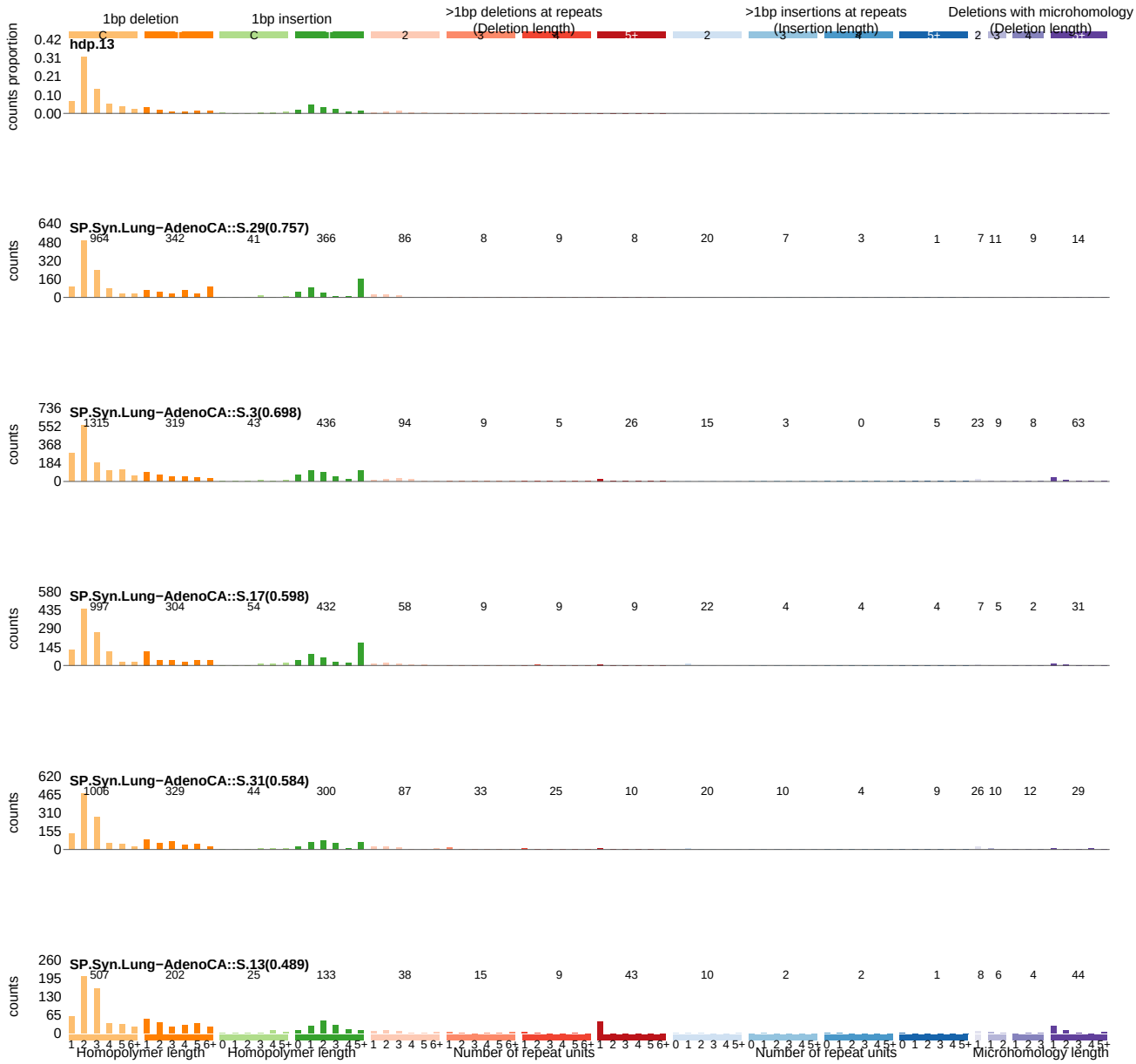

hdp.11
Proportion of exposure
0.0
0.1
0.2
0.3
0.4
0
50
100
150
200
250
300
350
Exposure

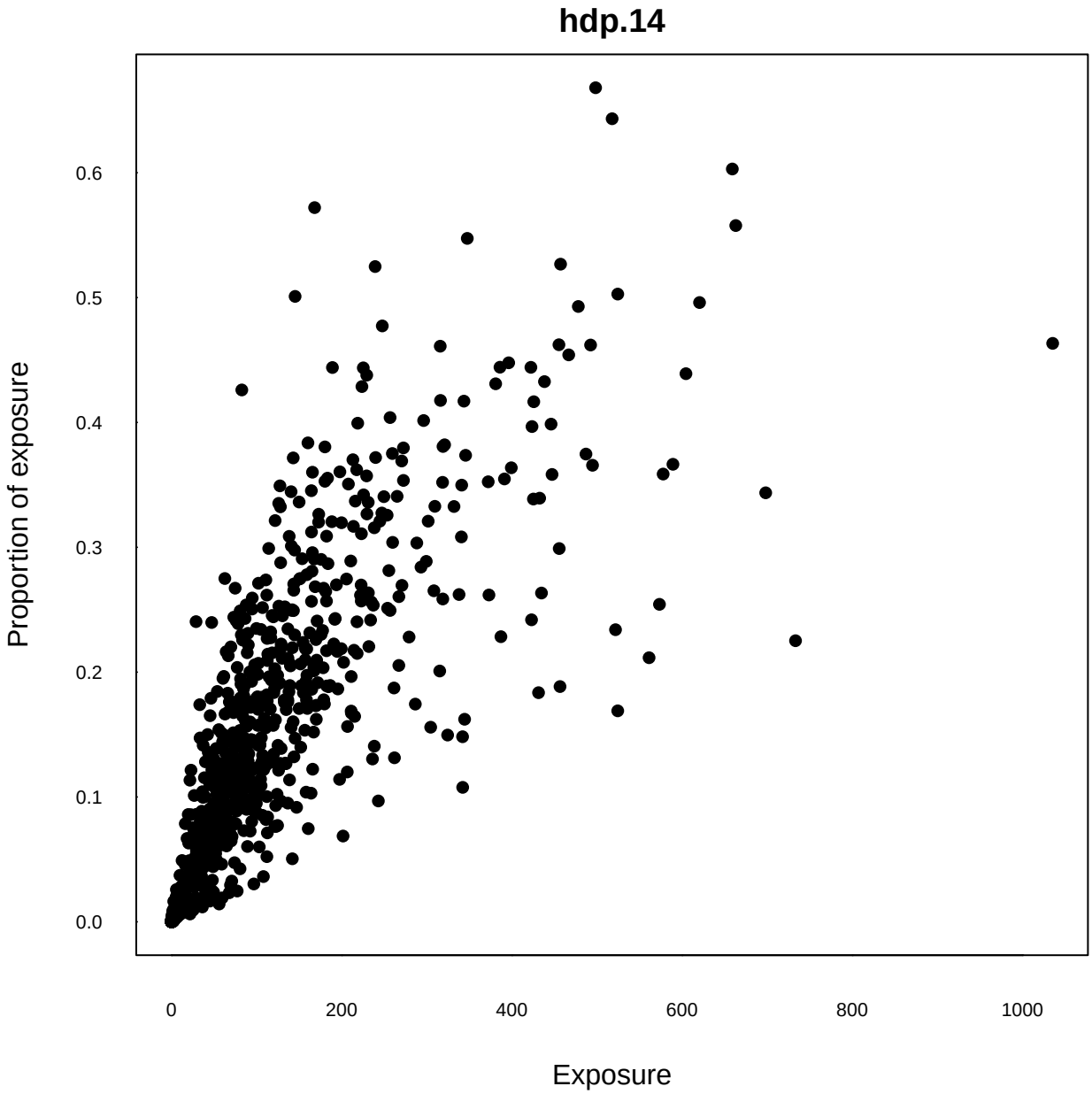

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
counts proportion
hdp.11
counts
SP.Syn.Kidney−RCC::S.76(0.402)
SP.Syn.Kidney−RCC::S.111(0.397)
SP.Syn.Kidney−RCC::S.1(0.356)
SP.Syn.Kidney−RCC::S.12(0.345)
SP.Syn.Liver−HCC::S.201(0.331)
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

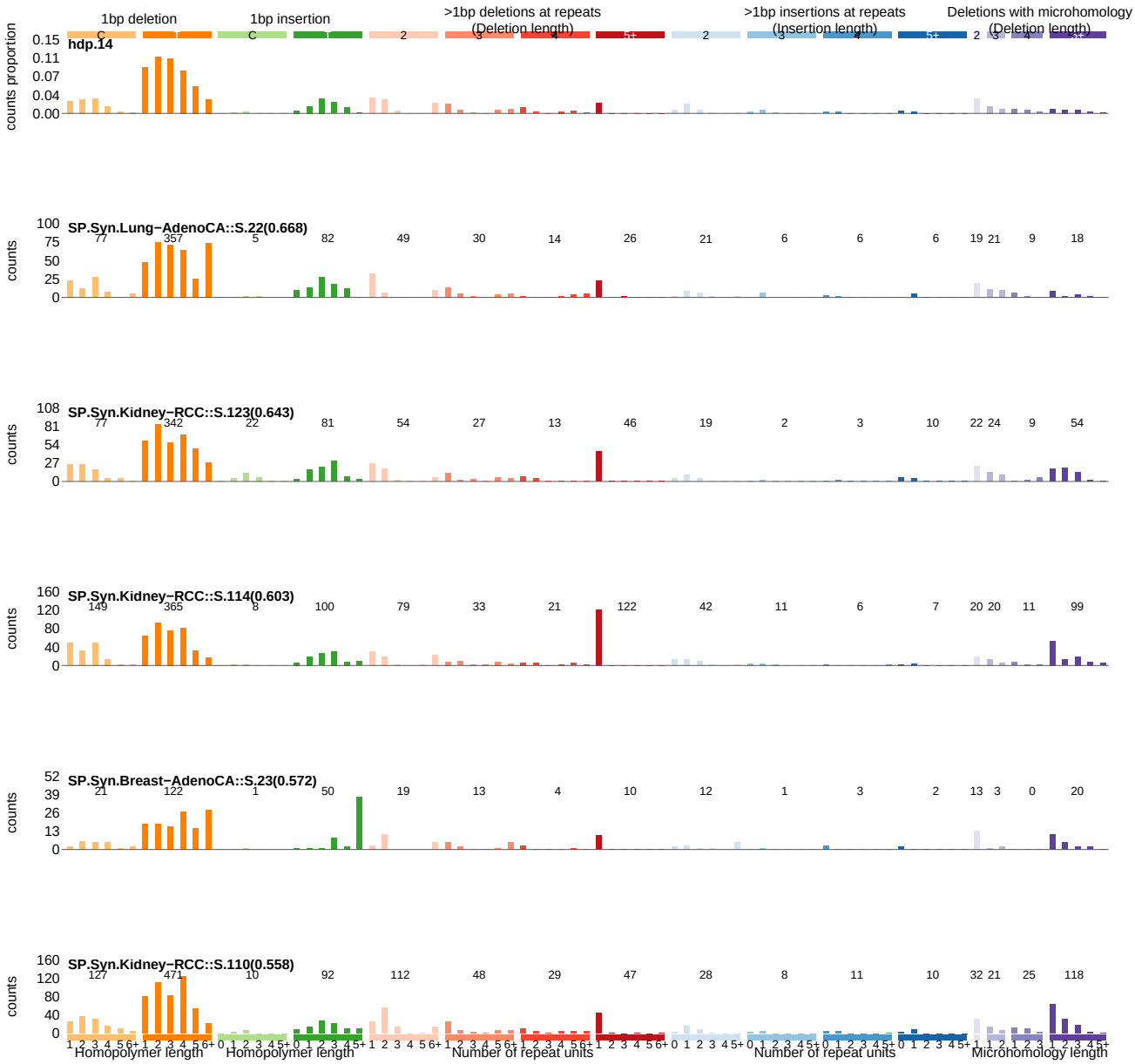

hdp.12
Proportion of exposure
0.15
0.10
0.05
0.00
0
100
200
300
400
500
Exposure

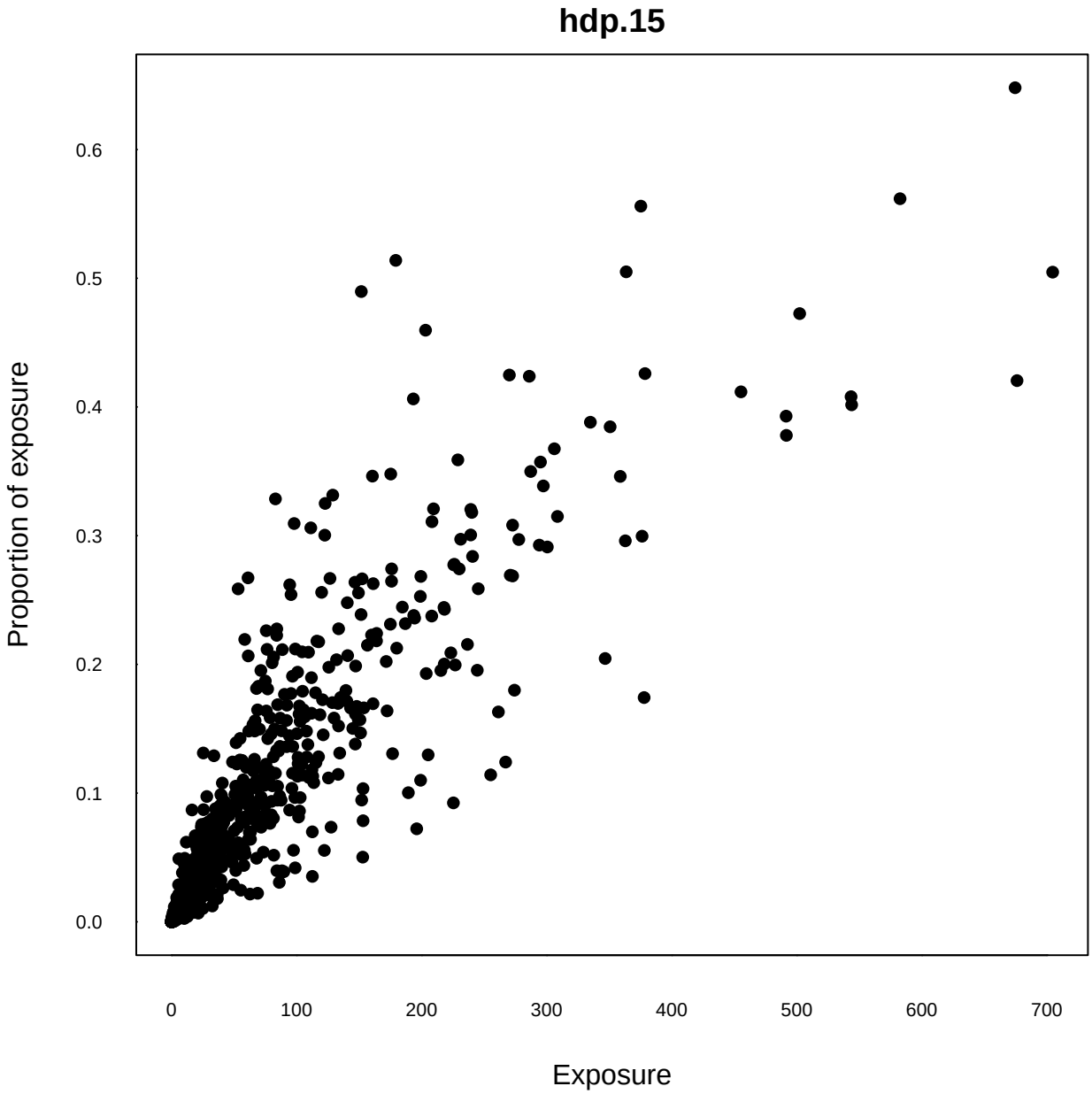

1bp deletion
1bp insertion
>1bp deletions at repeats (Deletion length)
>1bp insertions at repeats (Insertion length)
Deletions with microhomology (Deletion length)
counts proportion
hdp.12
SP.Syn.ColoRect−AdenoCA::POLE.S.5(0.157)
SP.Syn.Eso−AdenoCA::S.15(0.098)
SP.Syn.ColoRect−AdenoCA::S.32(0.086)
SP.Syn.ColoRect−AdenoCA::S.18(0.08)
SP.Syn.Eso−AdenoCA::S.91(0.049)
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length

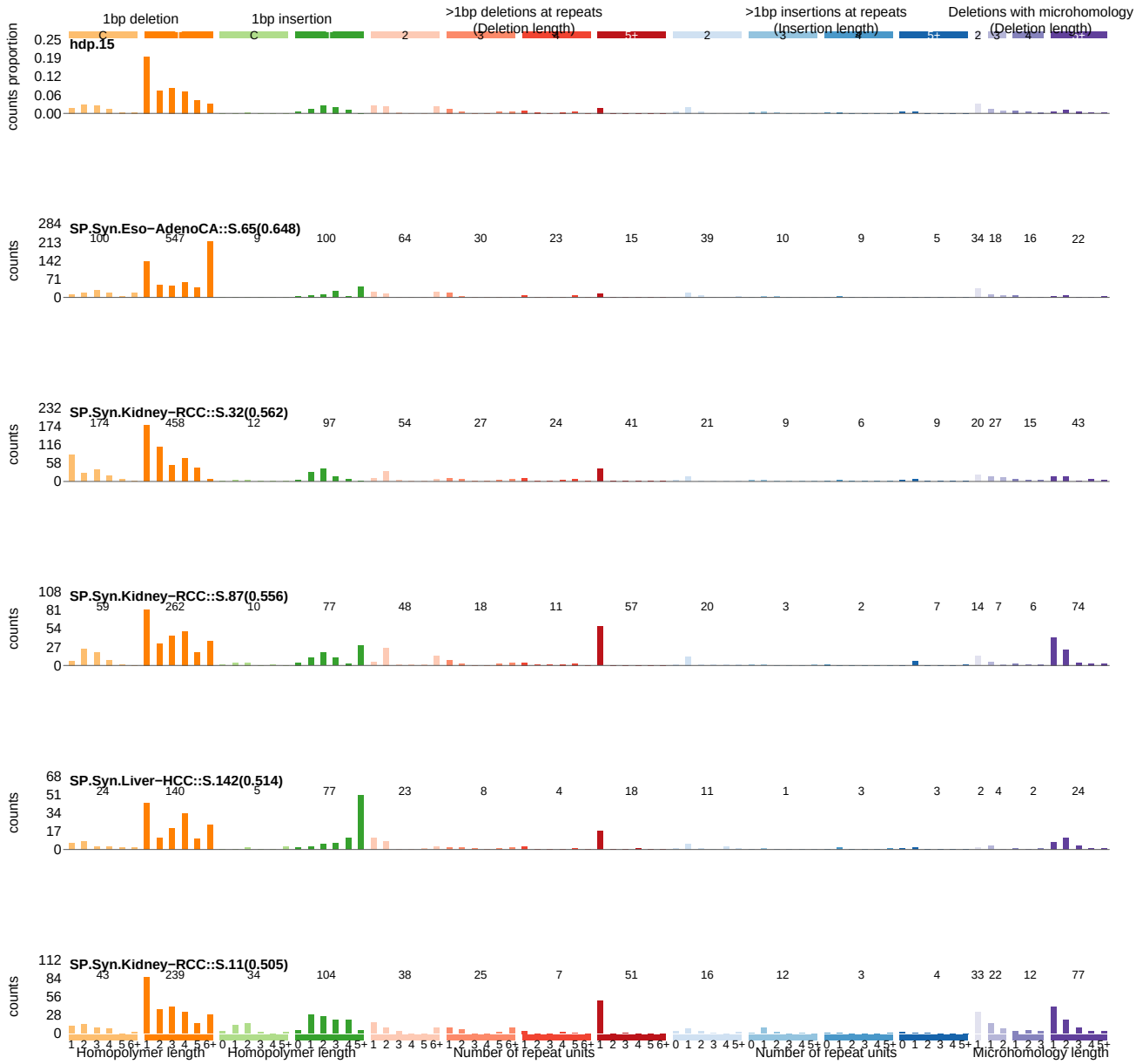

hdp.13
Proportion of exposure
0.0
0.2
0.4
0.6
0
500
1000
1500
Exposure


1bp deletion
1bp insertion
>1bp deletions at repeats
(Deletion length)
>1bp insertions at repeats
(Insertion length)
Deletions with microhomology
(Deletion length)
counts proportion
hdp.13
SP.Syn.Lung−AdenoCA::S.29(0.757)
SP.Syn.Lung−AdenoCA::S.3(0.698)
SP.Syn.Lung−AdenoCA::S.17(0.598)
SP.Syn.Lung−AdenoCA::S.31(0.584)
SP.Syn.Lung−AdenoCA::S.13(0.489)
counts
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


hdp.14
Proportion of exposure
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0
200
400
600
800
1000
Exposure


1bp deletion
1bp insertion
>1bp deletions at repeats
(Deletion length)
>1bp insertions at repeats
(Insertion length)
Deletions with microhomology
(Deletion length)
counts proportion
hdp.14
counts
SP.Syn.Lung−AdenoCA::S.22(0.668)
SP.Syn.Kidney−RCC::S.123(0.643)
SP.Syn.Kidney−RCC::S.114(0.603)
SP.Syn.Breast−AdenoCA::S.23(0.572)
SP.Syn.Kidney−RCC::S.110(0.558)
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length


hdp.15
Proportion of exposure
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0
100
200
300
400
500
600
700
Exposure


1bp deletion
1bp insertion
>1bp deletions at repeats
(Deletion length)
>1bp insertions at repeats
(Insertion length)
Deletions with microhomology
(Deletion length)
counts proportion
hdp.15
counts
SP.Syn.Eso−AdenoCA::S.65(0.648)
SP.Syn.Kidney−RCC::S.32(0.562)
SP.Syn.Kidney−RCC::S.87(0.556)
SP.Syn.Liver−HCC::S.142(0.514)
SP.Syn.Kidney−RCC::S.11(0.505)
Homopolymer length
Homopolymer length
Number of repeat units
Number of repeat units
Microhomology length