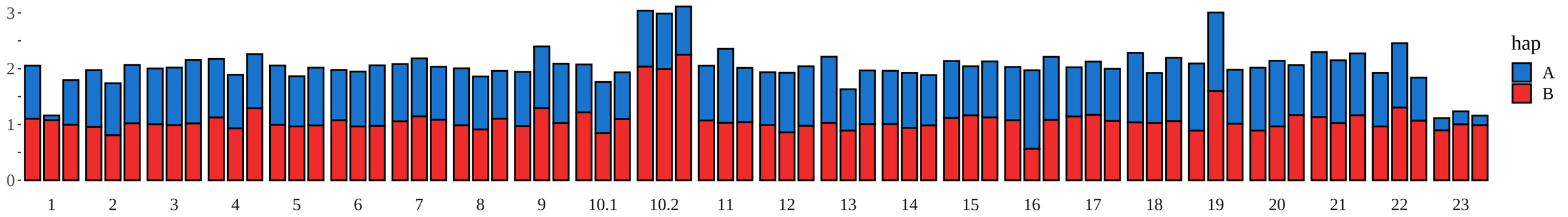
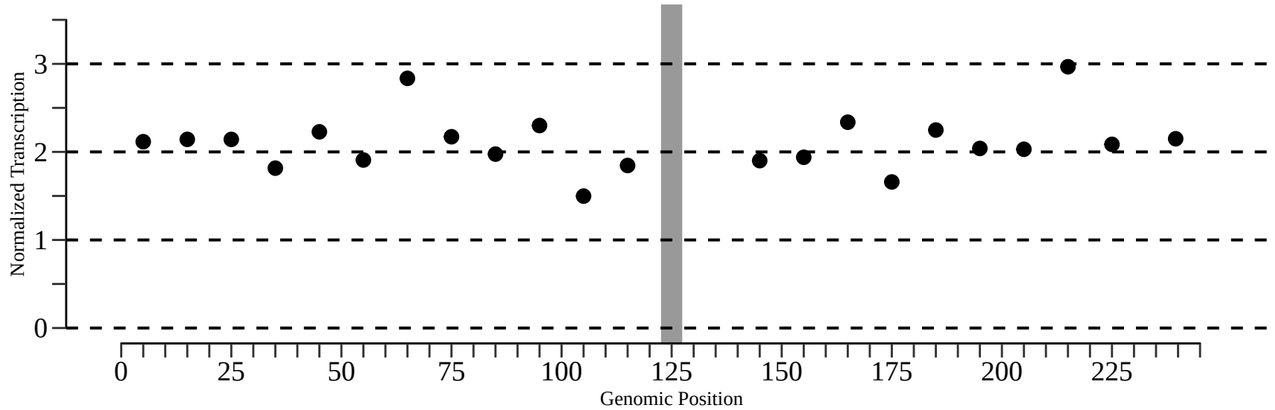
	generation	family_ids	A_id	B_id	chr	A_TPM	B_TPM	c1_TPM	c2_TPM	MN_hap
109	Gen2	F227	F227.3	F227.2	1	1.794819	1.162502	2.055469	NA	A
110	Gen2	F227	F227.3	F227.2	11	2.015567	2.356191	2.054174	NA	A
111	Gen2	F227	F227.3	F227.2	16	2.213689	1.972506	2.031196	NA	NA
112	Gen2	F227	F227.3	F227.2	19	1.983166	3.007391	2.094471	NA	NA

IDs: F227.1 | F227.2 | F227.3



ID: F227.1 | Chr: chr1



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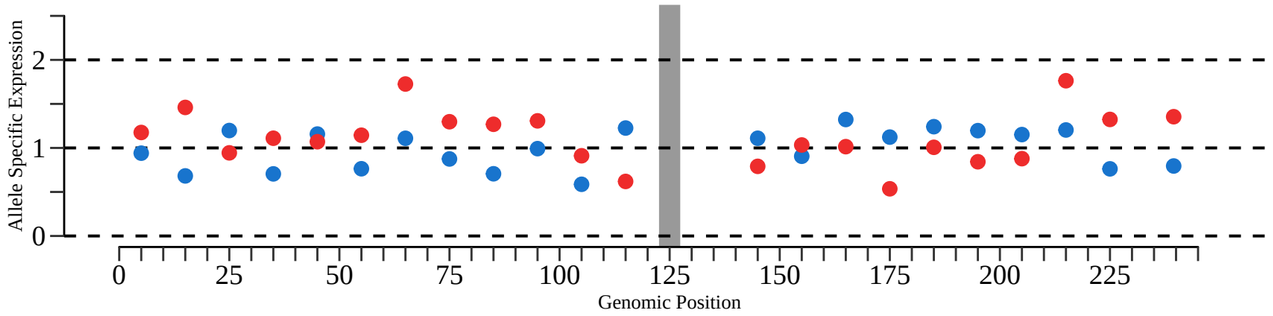

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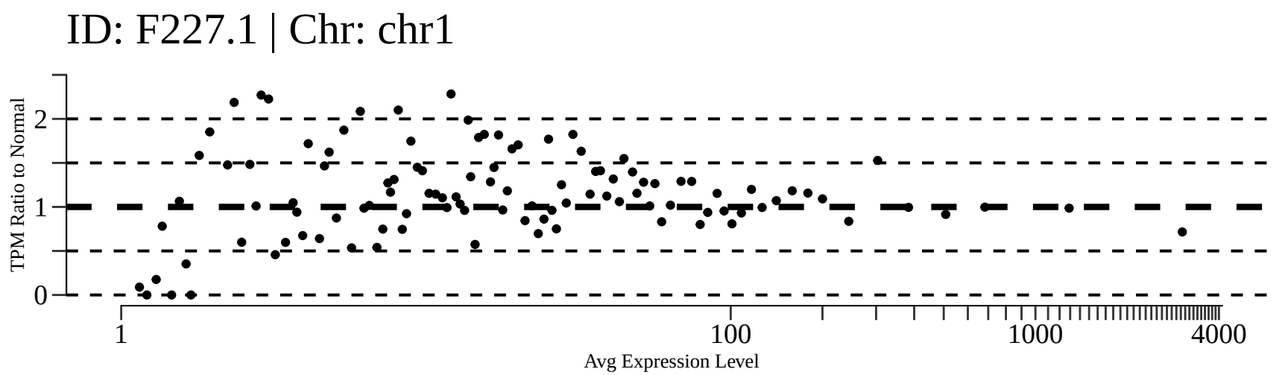
ID: F227.2 | Chr: chr1

ID: F227.3 | Chr: chr1

ID: F227.3 | Chr: chr1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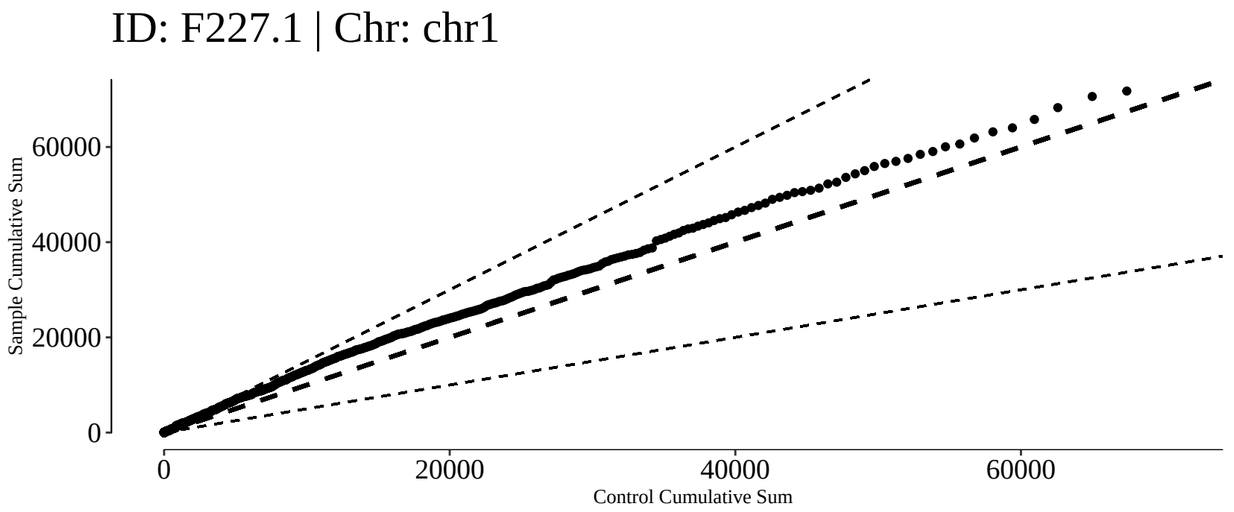
1
2
1
100
1000
4000
Avg Expression Level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Sample Cumulative Sum
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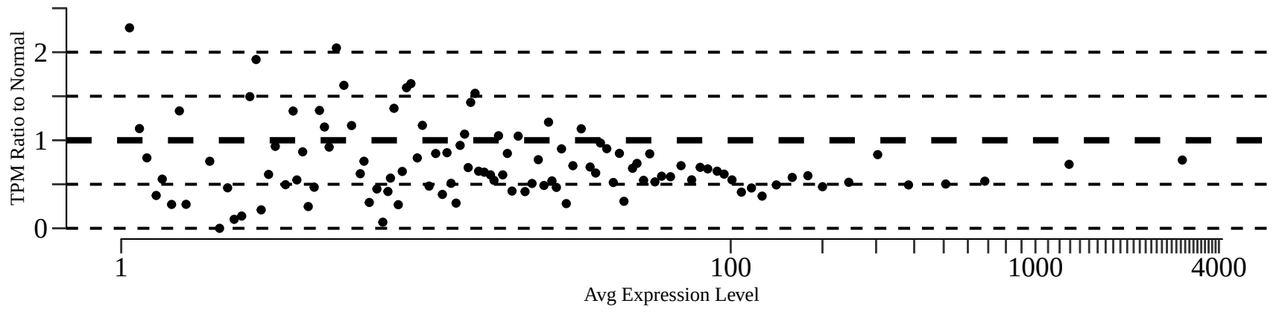
20000
40000
60000
0
20000
40000
60000
Control Cumulative Sum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1000
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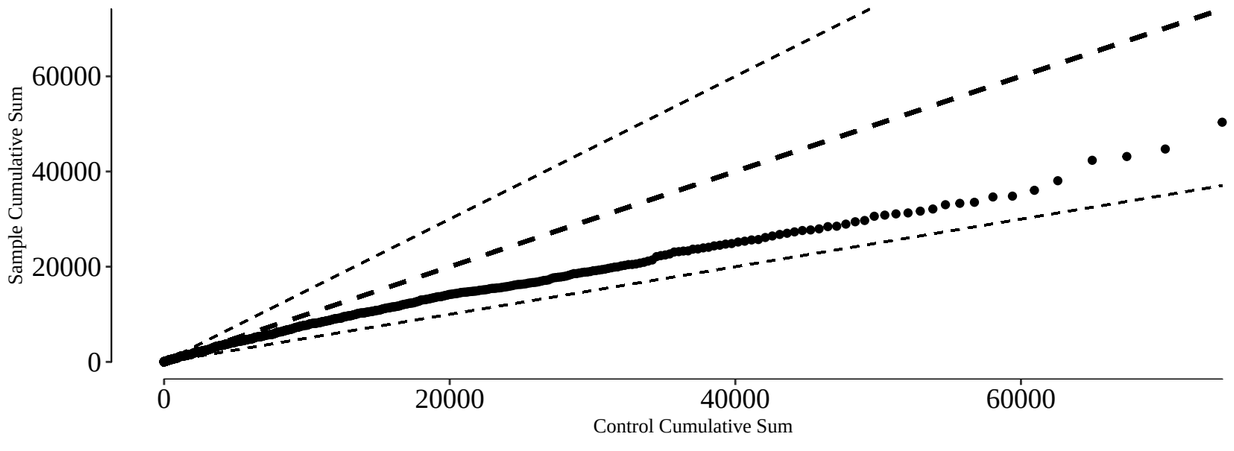
Avg Expression Level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Sample Cumulative Sum
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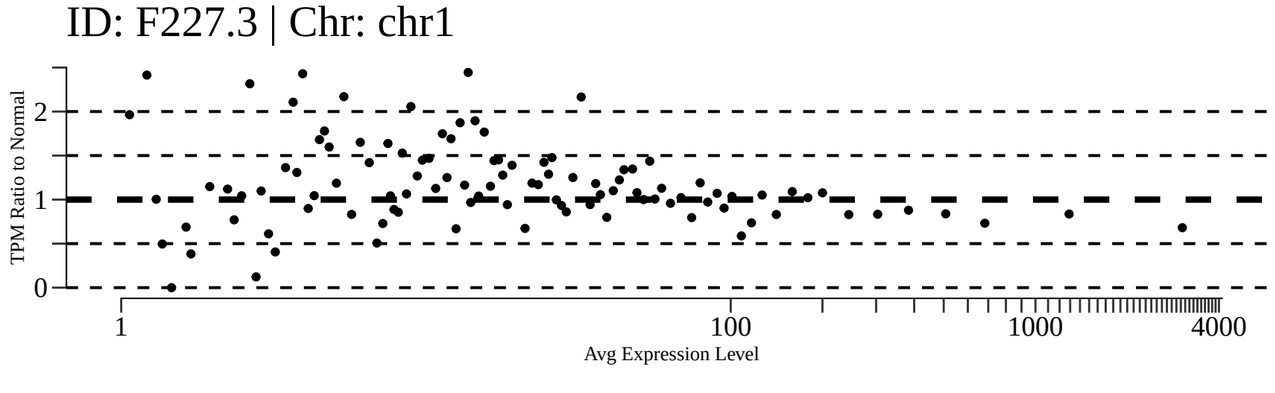
60000
0
20000
40000
60000
Control Cumulative Sum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TPM Ratio to Normal
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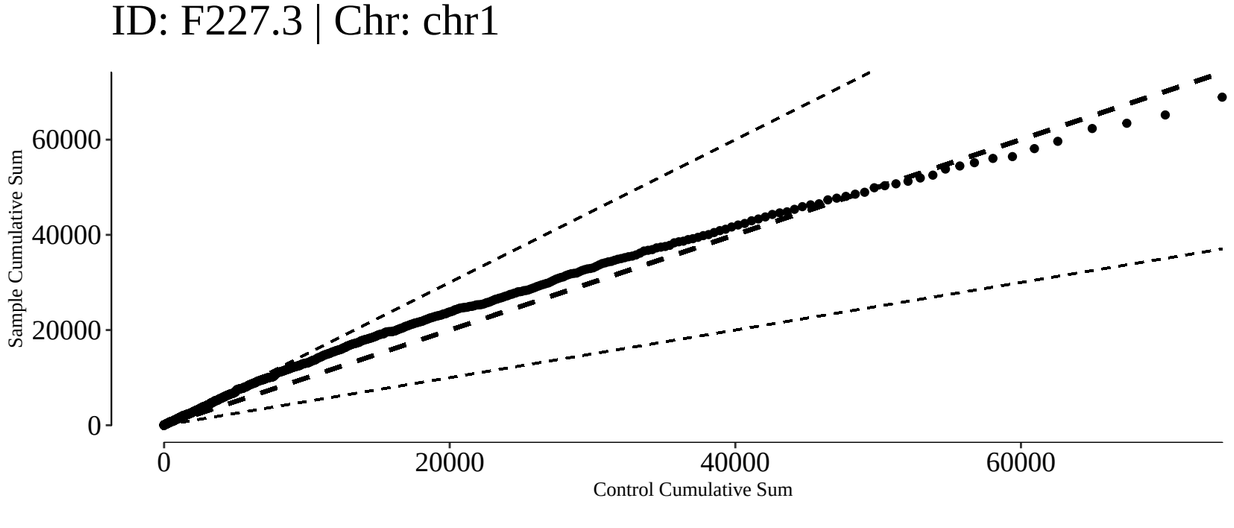
1
2
1
100
1000
4000
Avg Expression Level


ID: F227.3 | Chr: chr1
Sample Cumulative Sum
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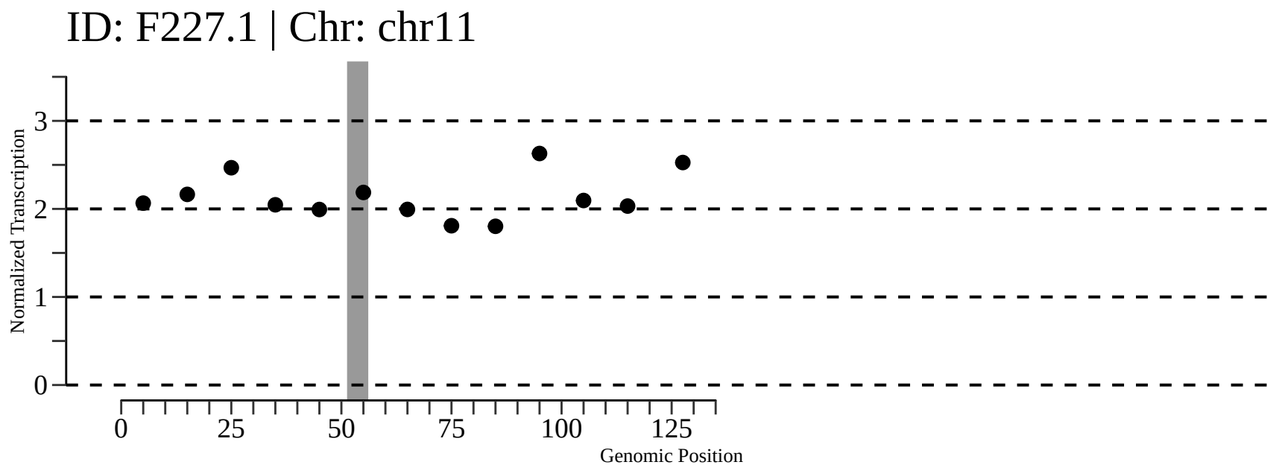
20000
40000
60000
0
20000
40000
60000
Control Cumulative Sum


ID: F227.1 | Chr: chr11
Normalized Transcription
0
1
2
3
0
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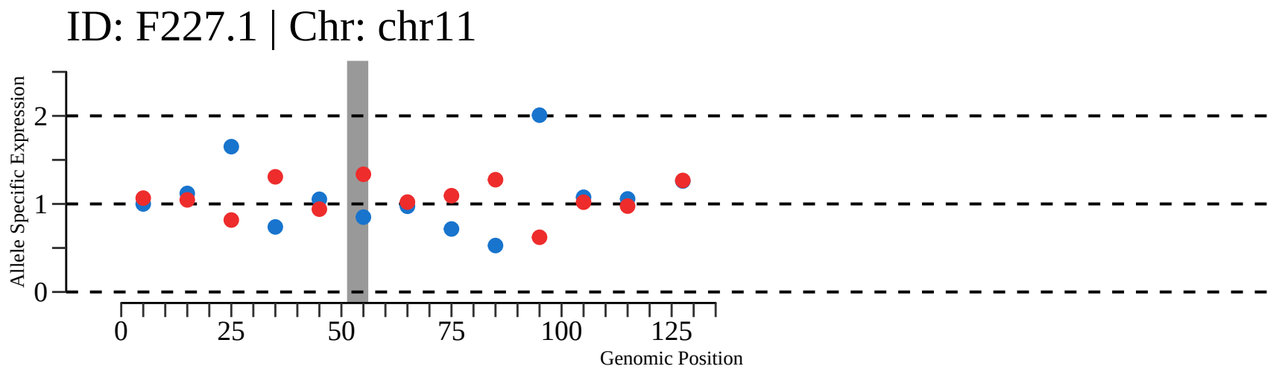
50
75
100
125
Genomic Position


ID: F227.1 | Chr: chr11
Allele Specific Expression
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2
0
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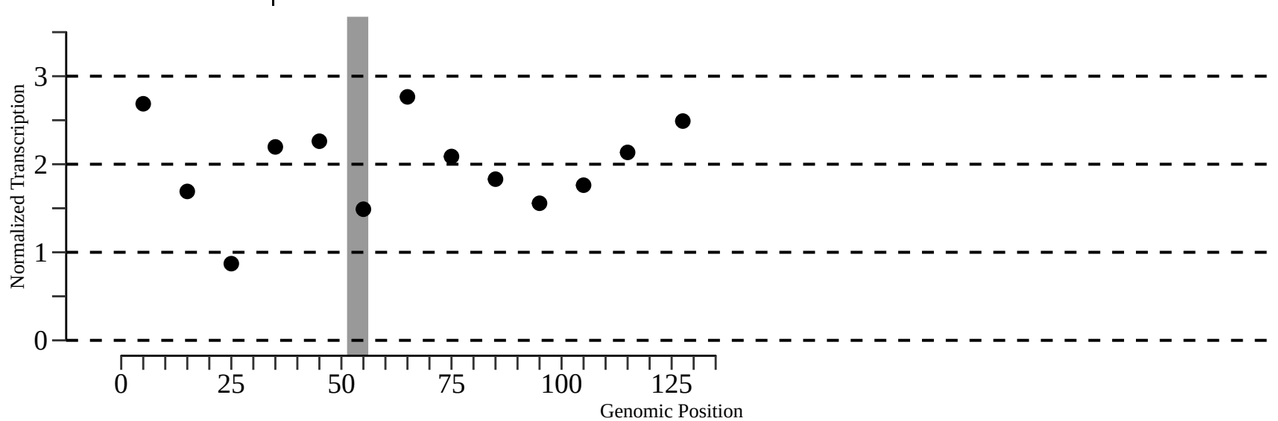
50
75
100
125
Genomic Position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Normalized Transcription
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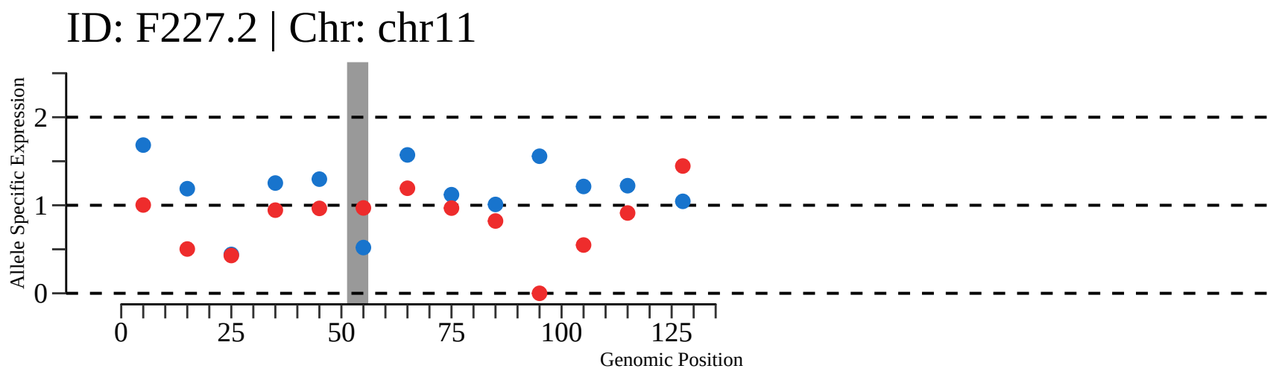
1
2
3
0
25
50
75
100
125
Genomic Position


ID: F227.2 | Chr: chr11
Allele Specific Expression
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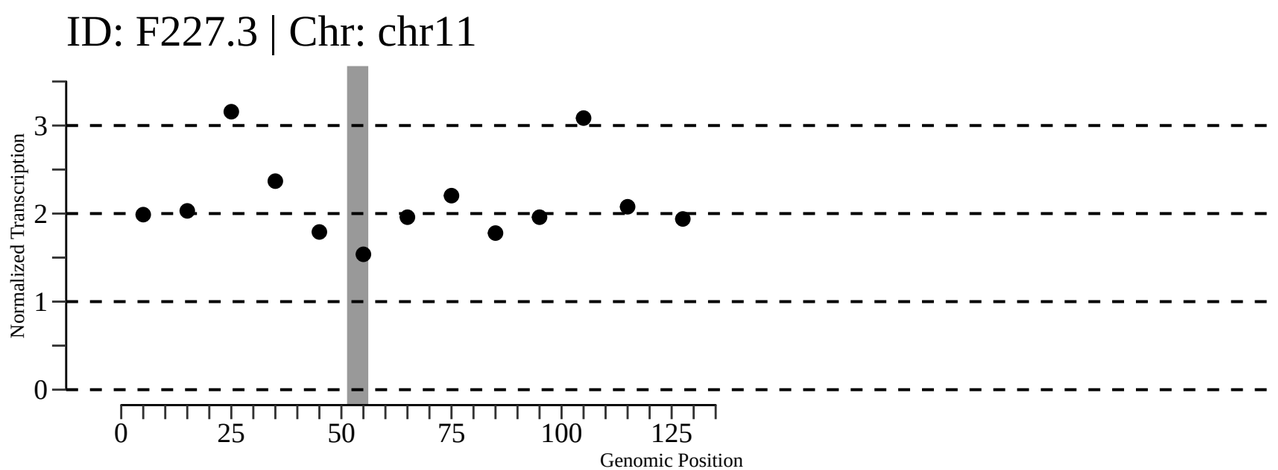
1
2
0
25
50
75
100
125
Genomic Position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Normalized Transcription
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1
2
3
0
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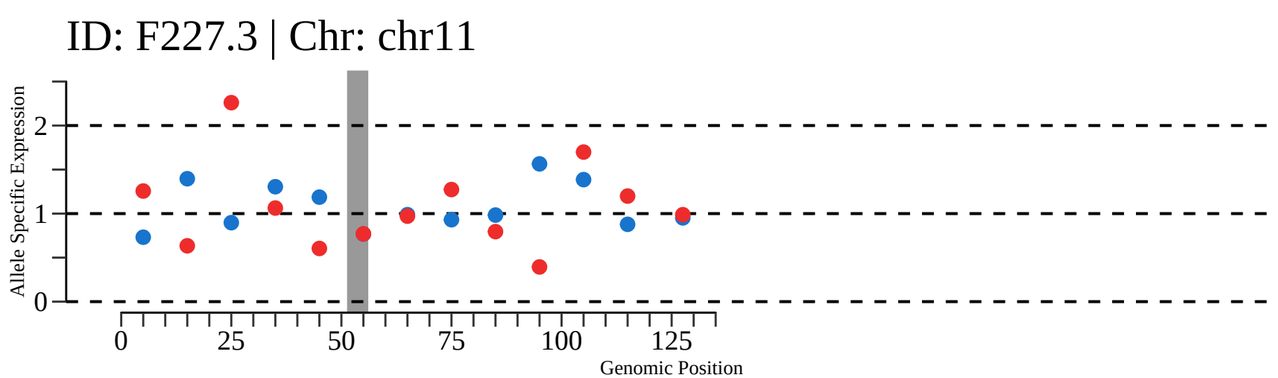
50
75
100
125
Genomic Position


ID: F227.3 | Chr: chr11
Allele Specific Expression
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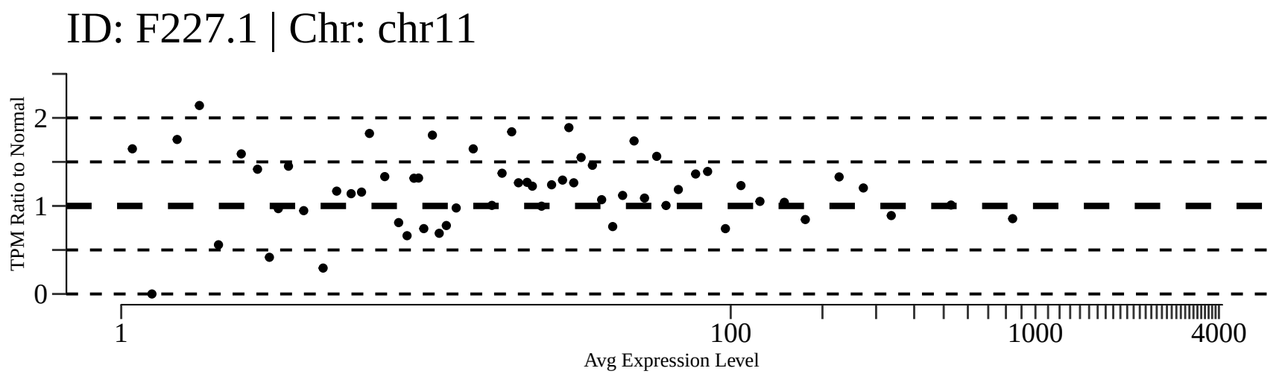
1
2
0
25
50
75
100
125
Genomic Position


ID: F227.1 | Chr: chr11
TPM Ratio to Normal
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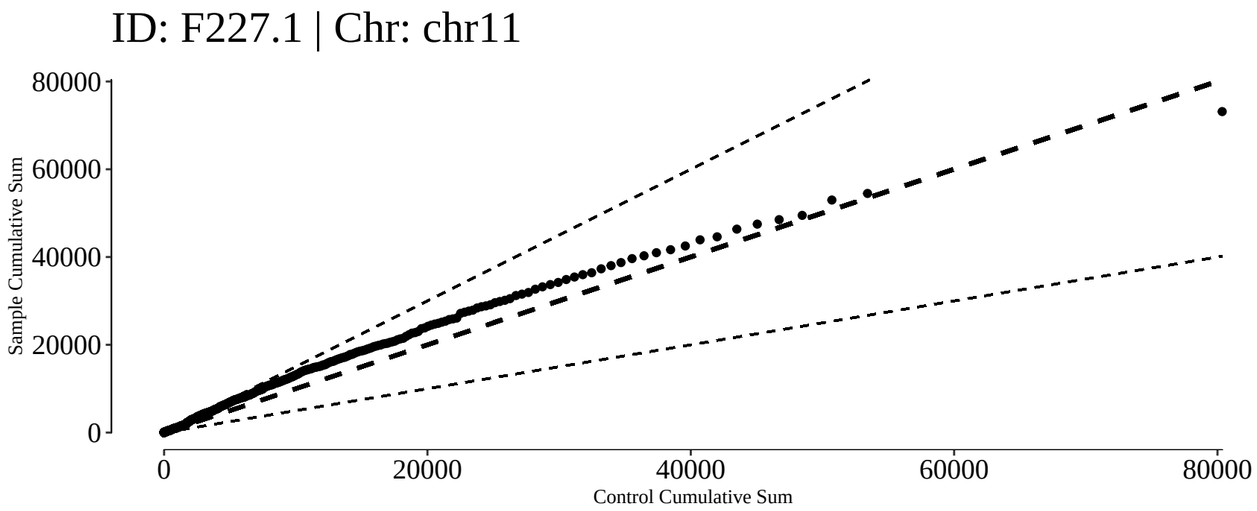
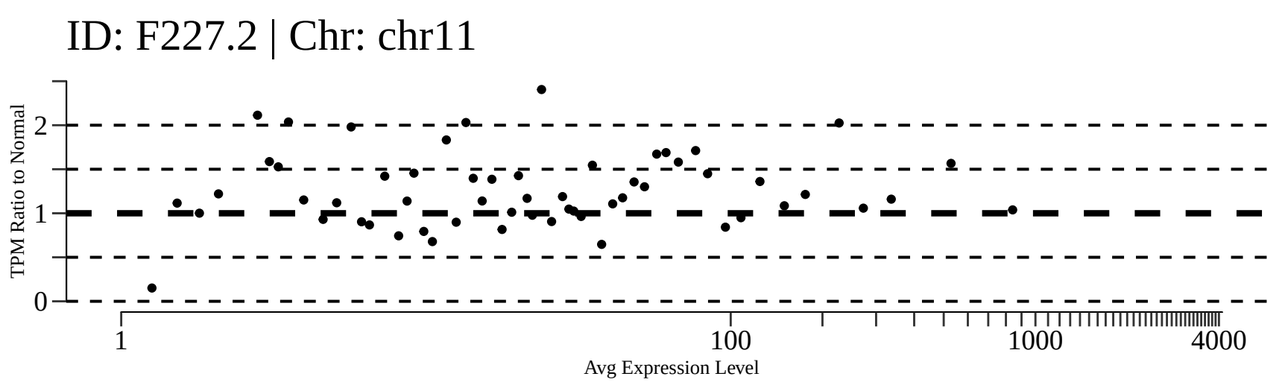
1
100
1000
4000
Avg Expression Level


ID: F227.1 | Chr: chr11
Sample Cumulative Sum
0
20000
40000
60000
80000
0
20000
40000
60000
80000
Control Cumulative Sum


ID: F227.2 | Chr: chr11
TPM Ratio to Normal
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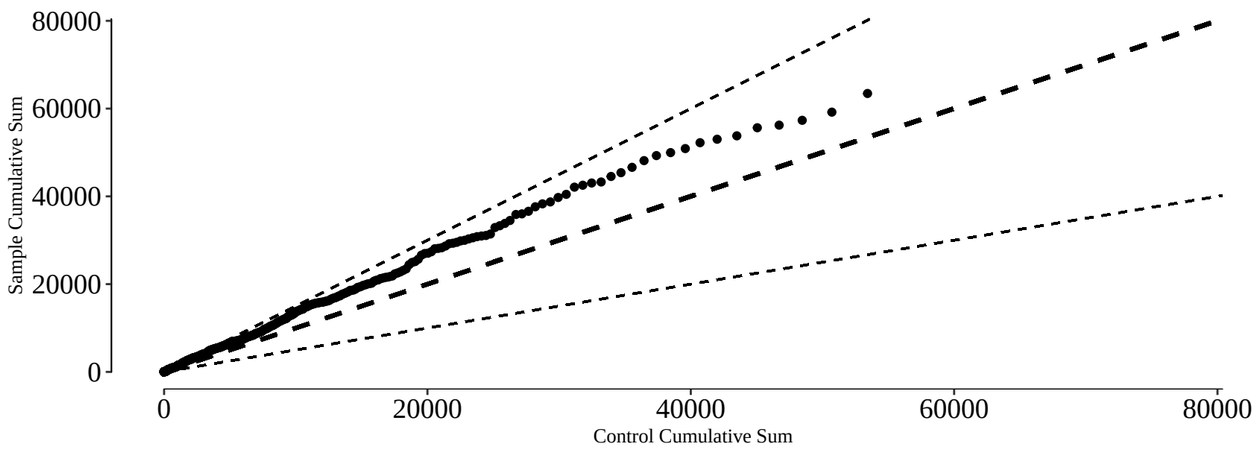
1
2
1
100
1000
4000
Avg Expression Level


ID: F227.2 | Chr: chr11
Sample Cumulative Sum
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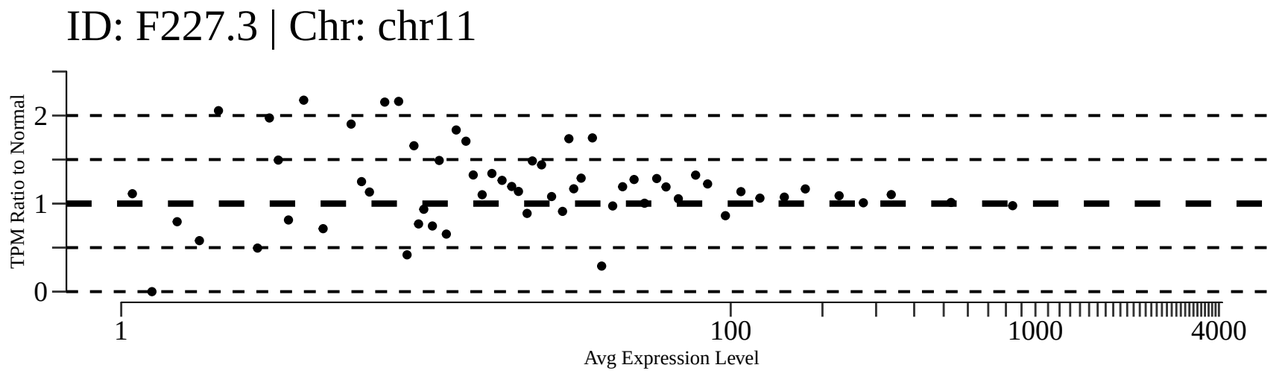
20000
40000
60000
80000
0
20000
40000
60000
80000
Control Cumulative Sum


ID: F227.3 | Chr: chr11
TPM Ratio to Normal
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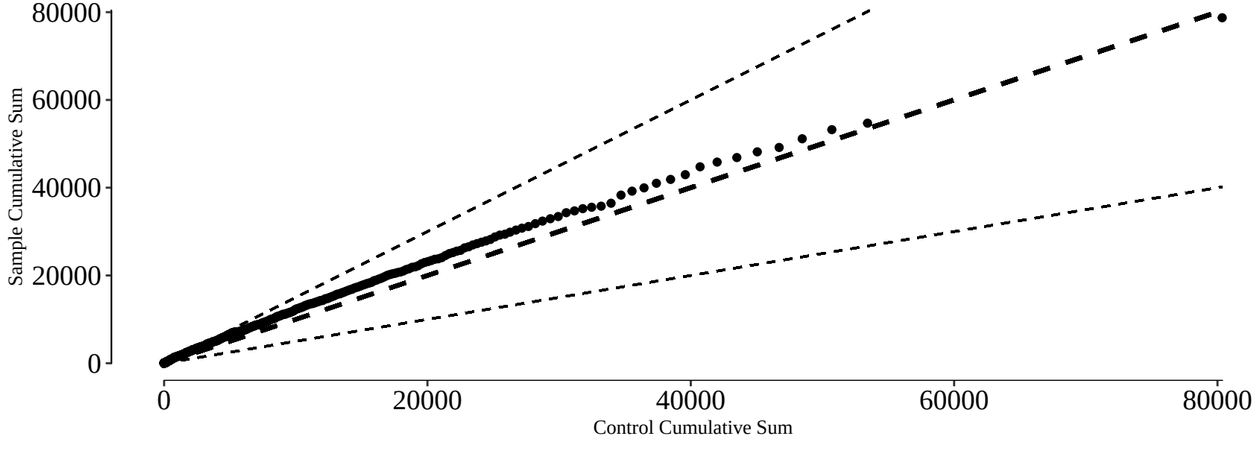
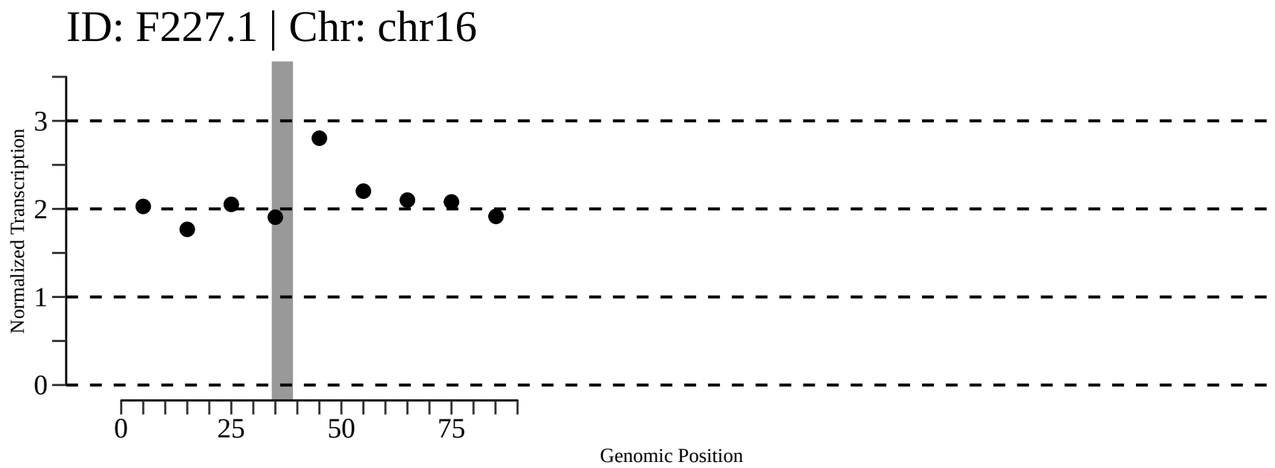
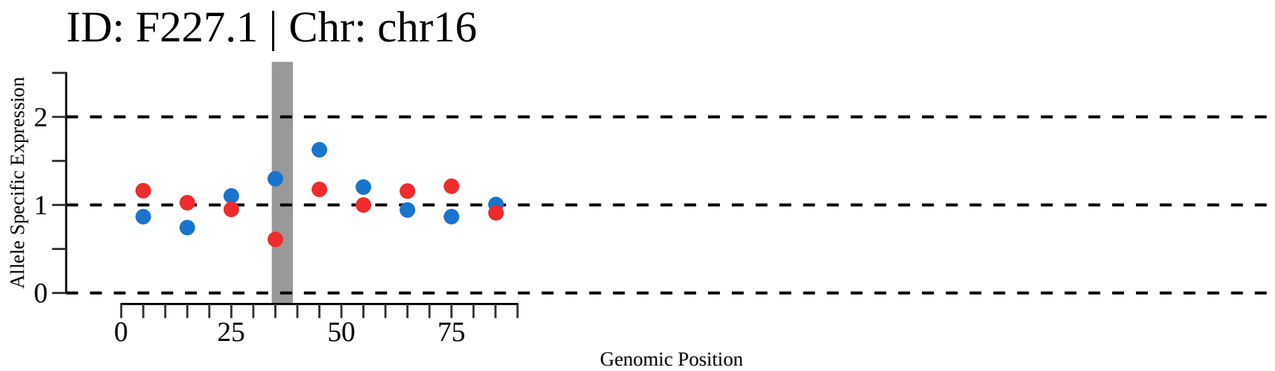
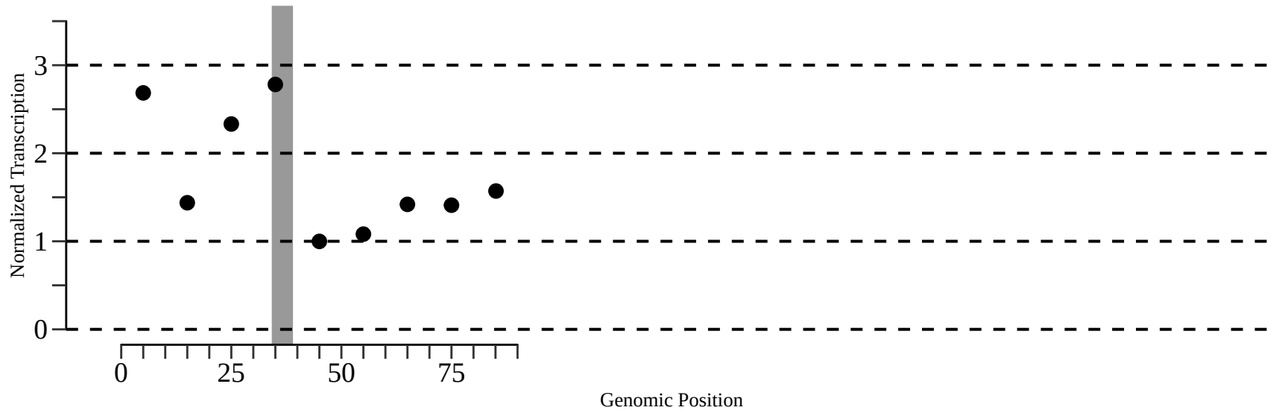
1
2
1
100
1000
4000
Avg Expression Level


ID: F227.3 | Chr: chr11
Sample Cumulative Sum
0
20000
40000
60000
80000
0
20000
40000
60000
80000
Control Cumulative Sum


ID: F227.1 | Chr: chr16
Normalized Transcription
0
1
2
3
0
25
50
75
Genomic Position


ID: F227.1 | Chr: chr16
Allele Specific Expression
0
1
2
0
25
50
75
Genomic Position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Normalized Transcription
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1
2
3
0
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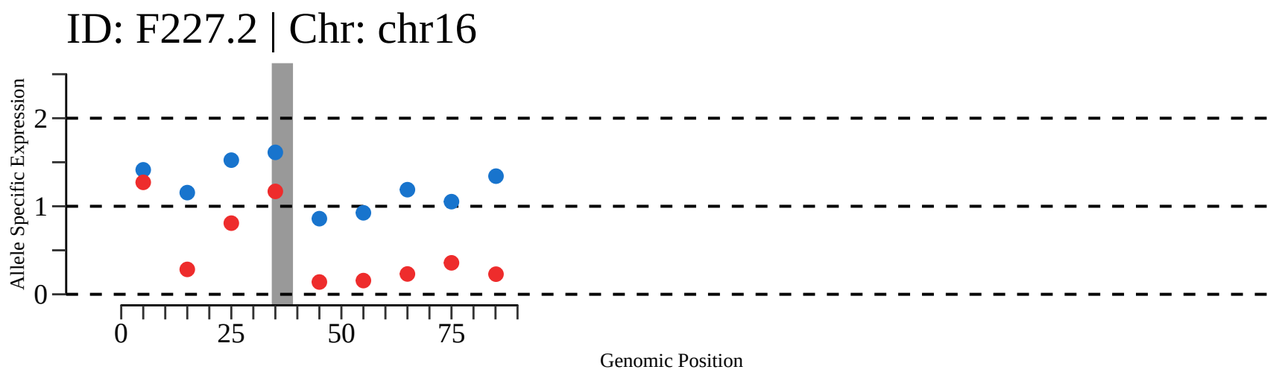
50
75
Genomic Position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Allele Specific Expression
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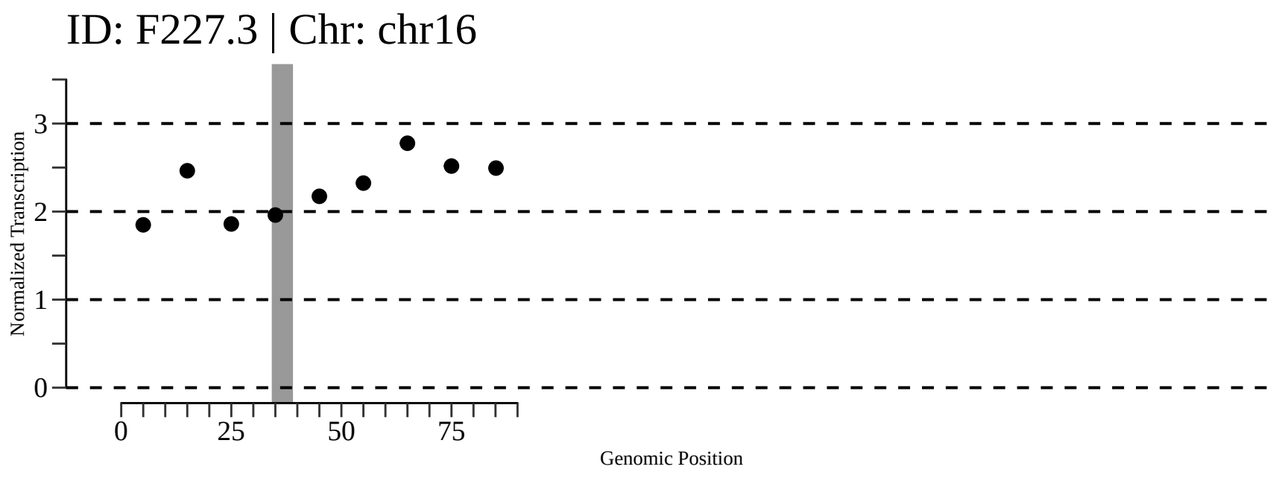
1
2
0
25
50
75
Genomic Position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Normalized Transcription
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1
2
3
0
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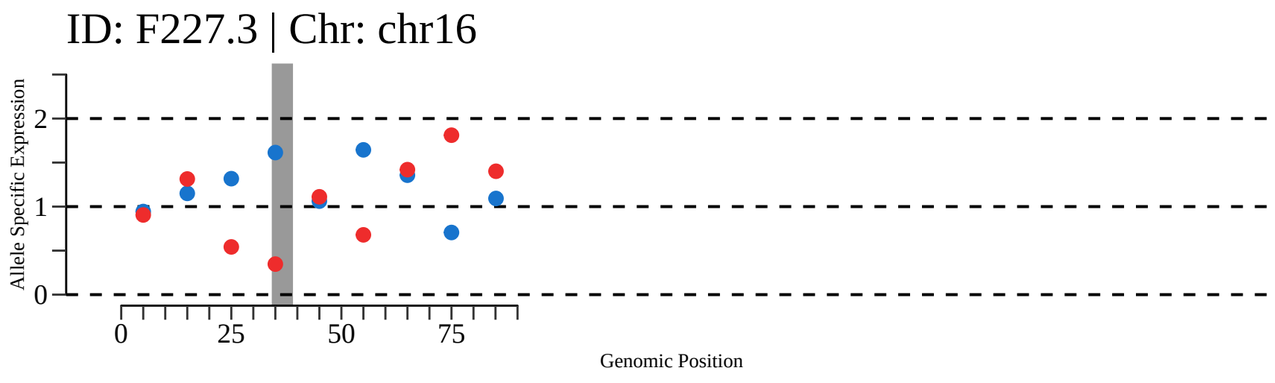
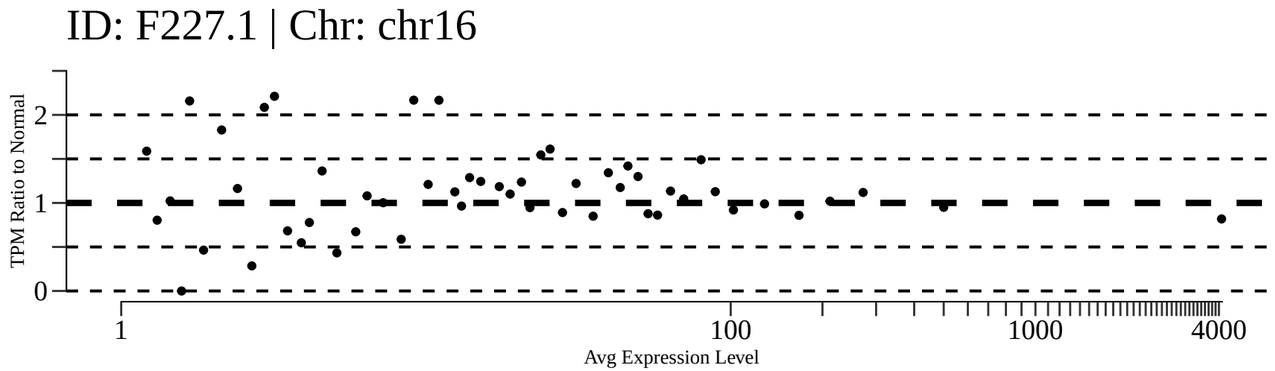
50
75
Genomic Position


ID: F227.3 | Chr: chr16
Allele Specific Expression
0
1
2
0
25
50
75
Genomic Position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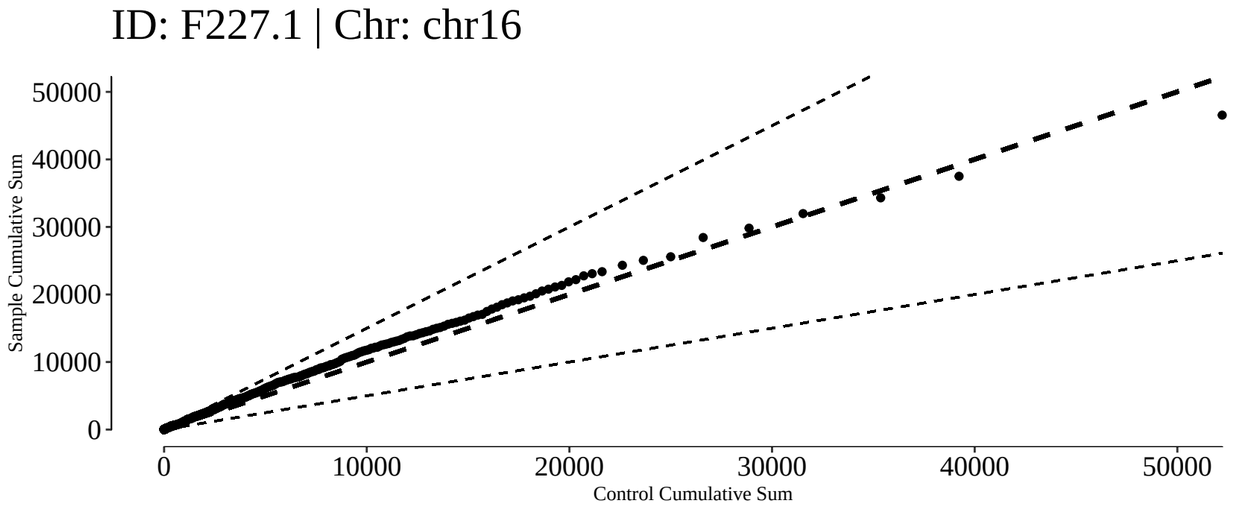
1000
4000
Avg Expression Level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Sample Cumulative Sum
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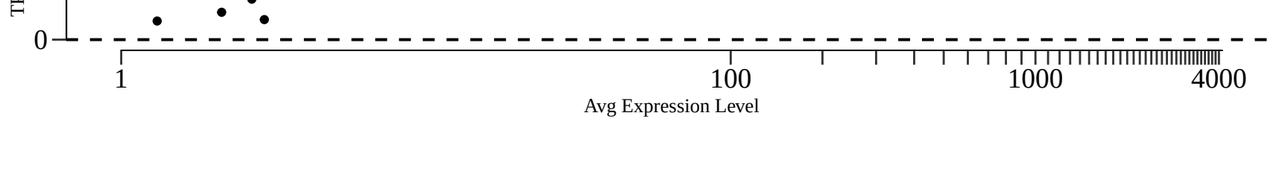
10000
20000
30000
40000
50000
Control Cumulative Sum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TPM Ratio to Normal
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1
2
1
100
1000
4000
Avg Expression Level

ID: F227.2 | Chr: chr16
Sample Cumulative Sum
0
10000
20000
30000
40000
50000
Control Cumulative Sum

ID: F227.3 | Chr: chr16
TPM Ratio to Normal
0
1
2
1
100
1000
4000
Avg Expression Level

ID: F227.3 | Chr: chr16
Sample Cumulative Sum
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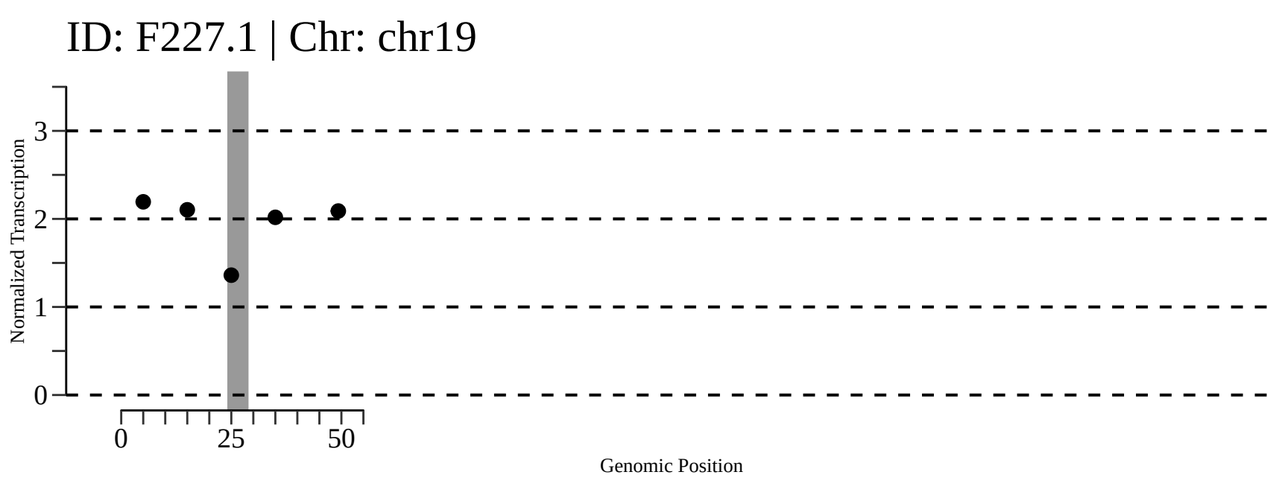
10000
20000
30000
40000
50000
Control Cumulative Sum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Normalized Transcription
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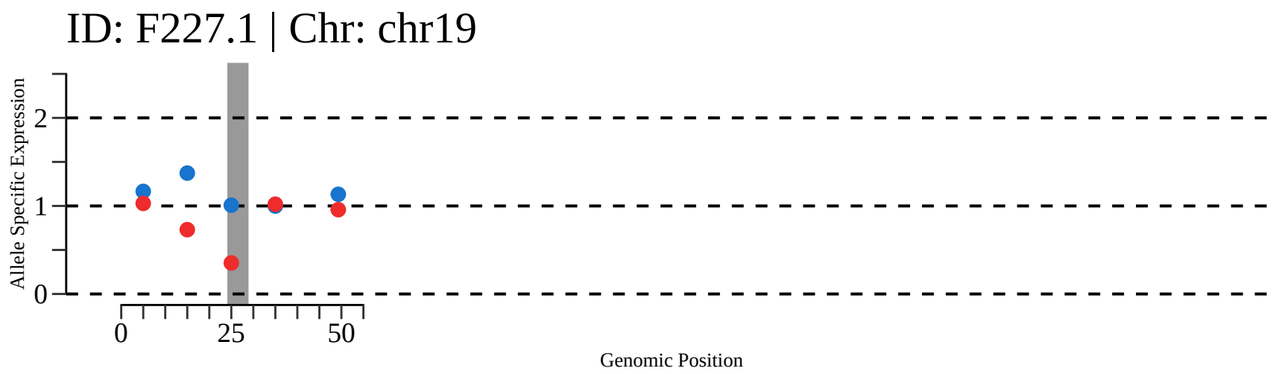
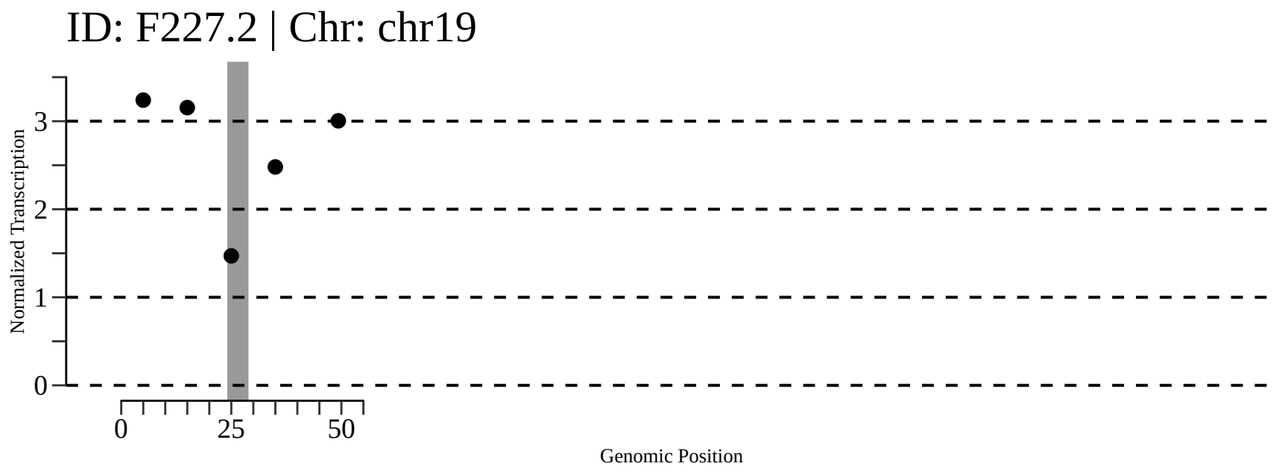
1
2
3
0
25
50
Genomic Position


ID: F227.1 | Chr: chr19
Allele Specific Expression
0
1
2
0
25
50
Genomic Position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Normalized Transcription
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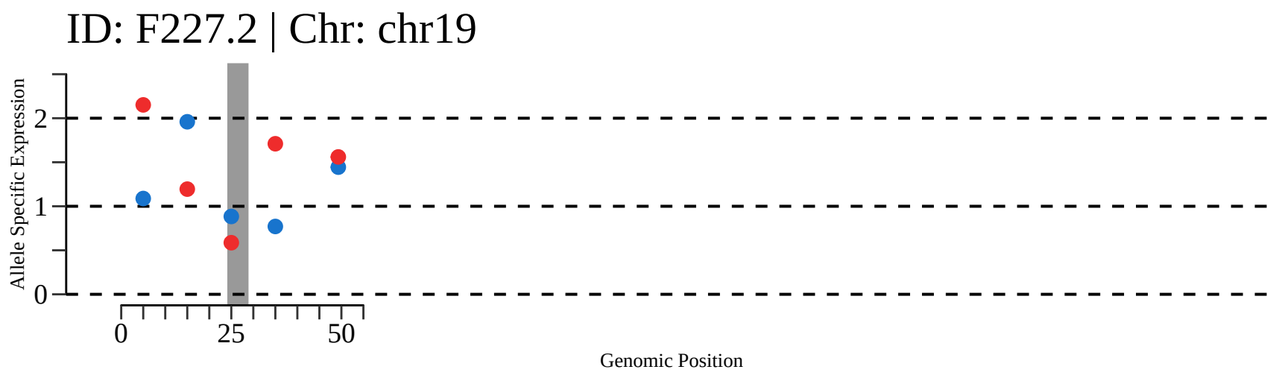
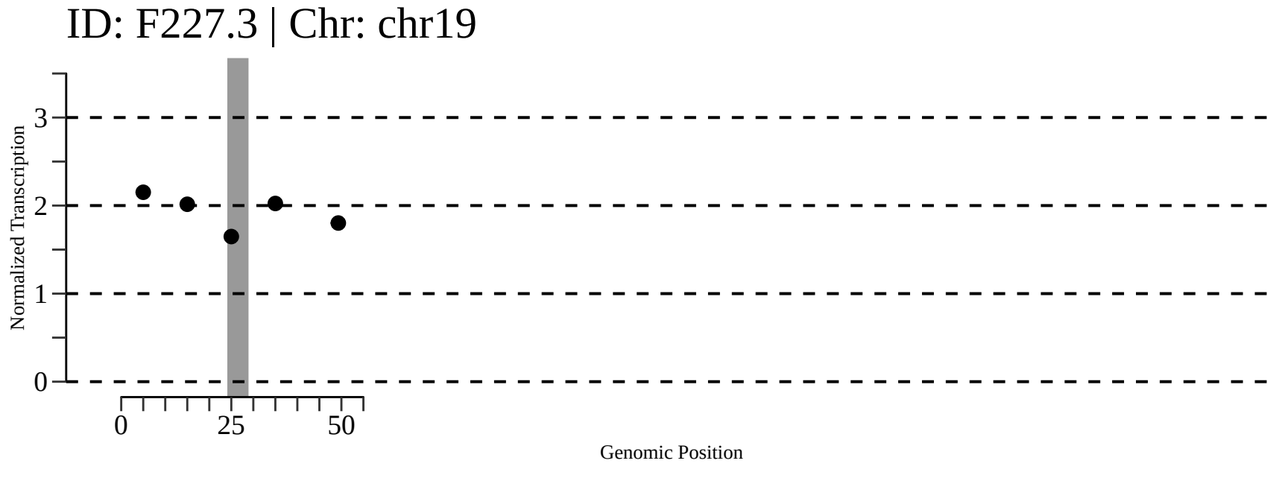
2
3
0
25
50
Genomic Position


ID: F227.2 | Chr: chr19
Allele Specific Expression
0
1
2
0
25
50
Genomic Position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Normalized Transcription
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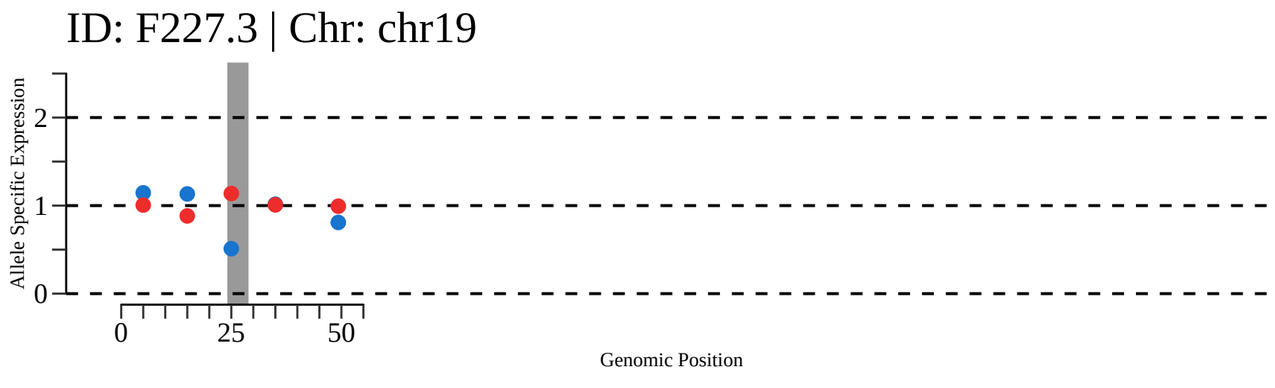
1
2
3
0
25
50
Genomic Position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Allele Specific Expression
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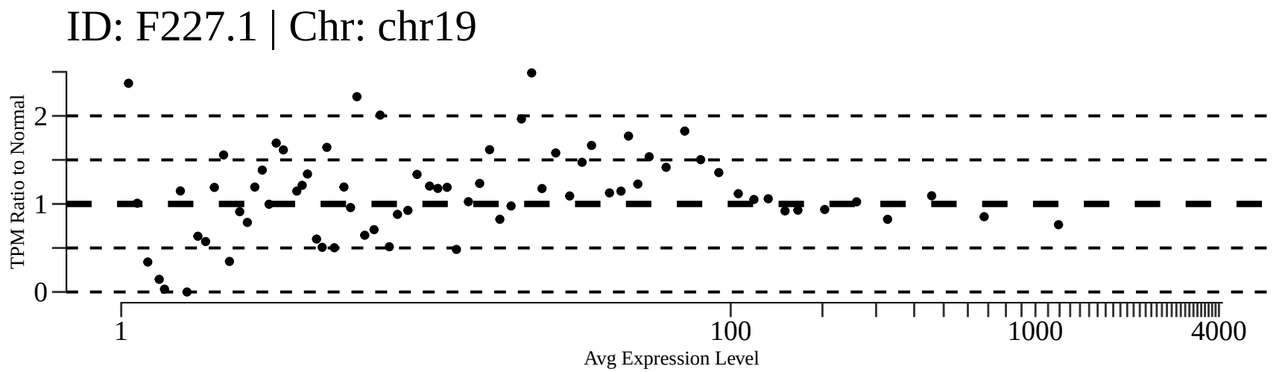
2
0
25
50
Genomic Position


ID: F227.1 | Chr: chr19
TPM Ratio to Normal
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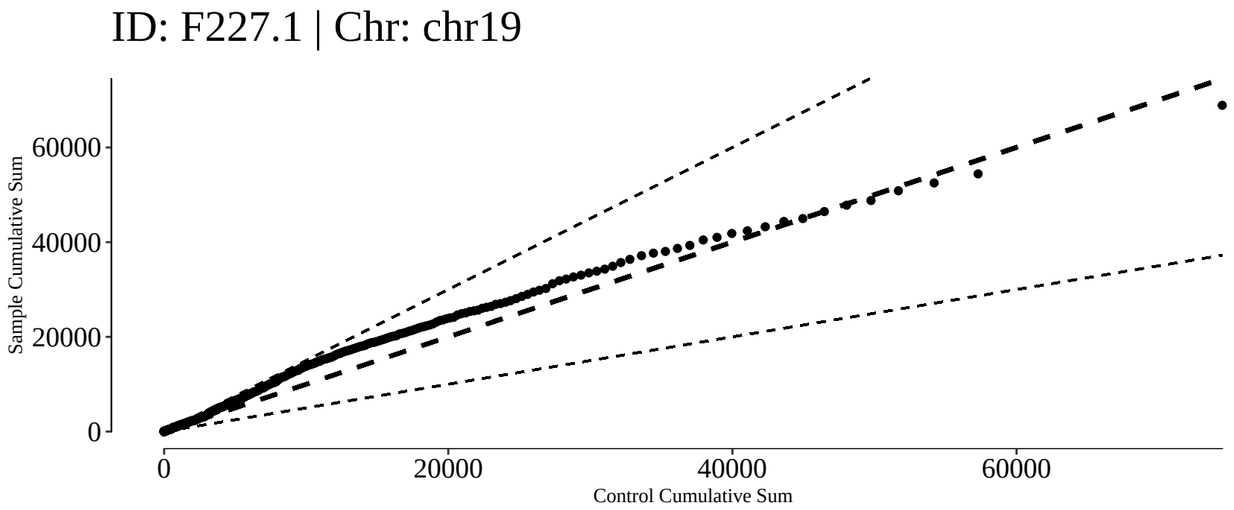
1
2
1
100
1000
4000
Avg Expression Level


ID: F227.1 | Chr: chr19
Sample Cumulative Sum
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20000
40000
60000
0
20000
40000
60000
Control Cumulative Sum

ID: F227.2 | Chr: chr19
TPM Ratio to Normal
0
1
2
1
100
1000
4000
Avg Expression Level

ID: F227.2 | Chr: chr19
Sample Cumulative Sum
0
20000
40000
60000
0
20000
40000
60000
Control Cumulative Sum

ID: F227.3 | Chr: chr19
TPM Ratio to Normal
0
1
2
1
100
1000
4000
Avg Expression Level

ID: F227.3 | Chr: chr19
Sample Cumulative Sum
0
20000
40000
60000
0
20000
40000
60000
Control Cumulative Sum