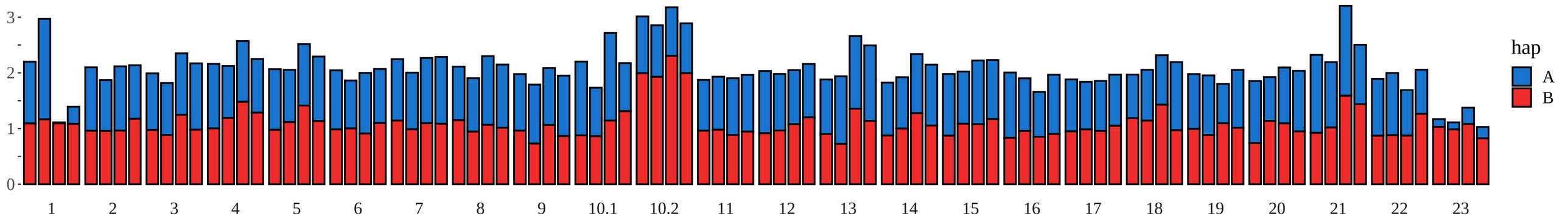
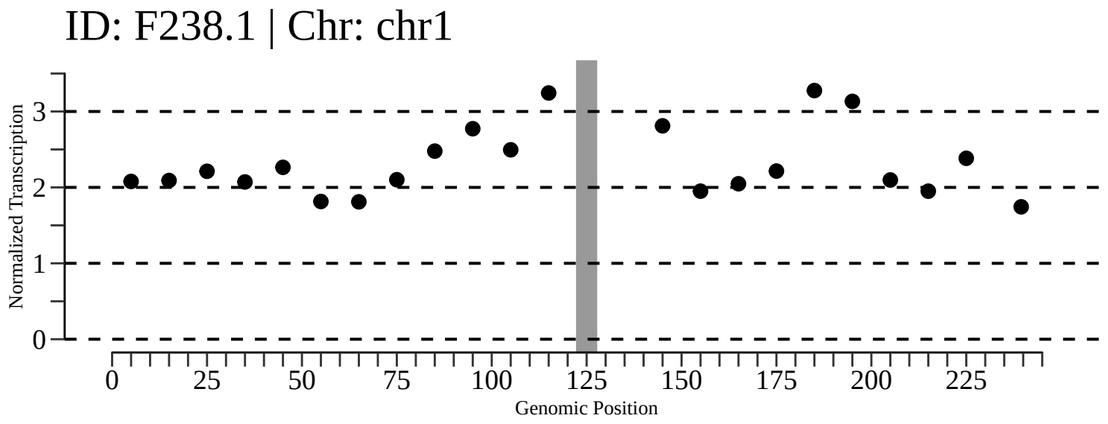
	generation	family_ids	A_id	B_id	chr	A_TPM	B_TPM	c1_TPM	c2_TPM	MN_hap
128	Gen2	F238	F238.2	F238.1	1	2.970170	2.200401	1.110931	1.392468	A
129	Gen2	F238	F238.2	F238.1	4	2.123225	2.159771	2.570827	2.249474	B
130	Gen2	F238	F238.2	F238.1	5	2.054032	2.066917	2.516839	2.293318	B
131	Gen2	F238	F238.2	F238.1	10a	1.733708	2.202115	2.716029	2.175485	A
132	Gen2	F238	F238.2	F238.1	21	2.193788	2.322776	3.206126	2.505745	NA

IDs: F238.1 | F238.2 | F238.3 | F238.4

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Normalized Transcription
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3
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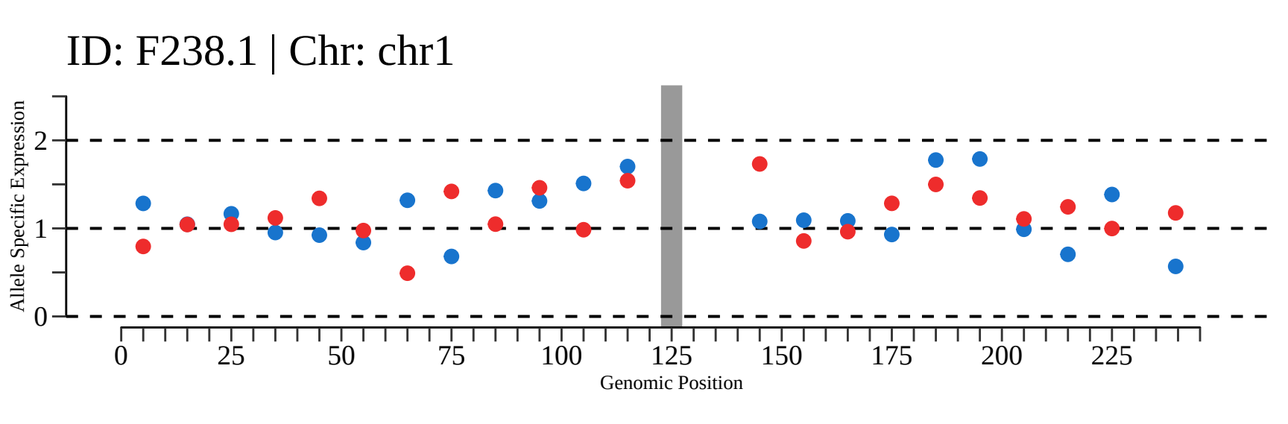
200
225
Genomic Position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Allele Specific Expression
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200
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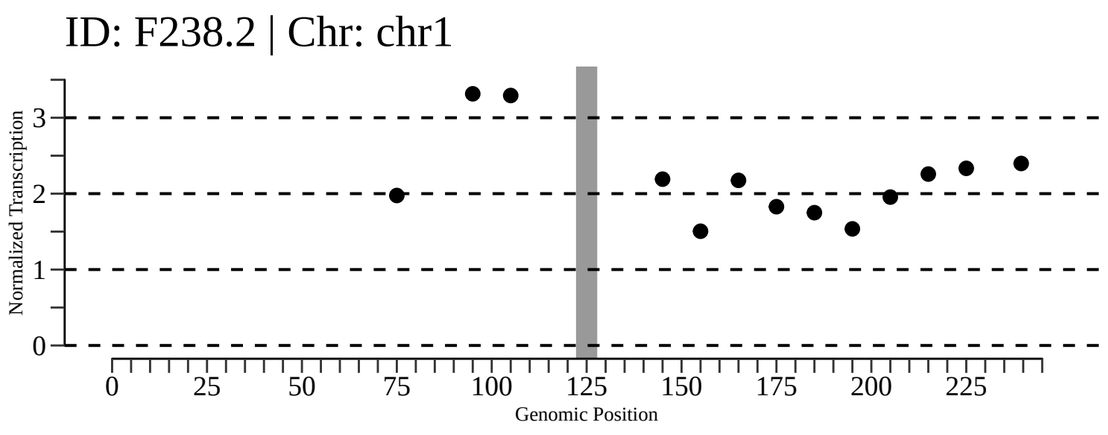
Genomic Position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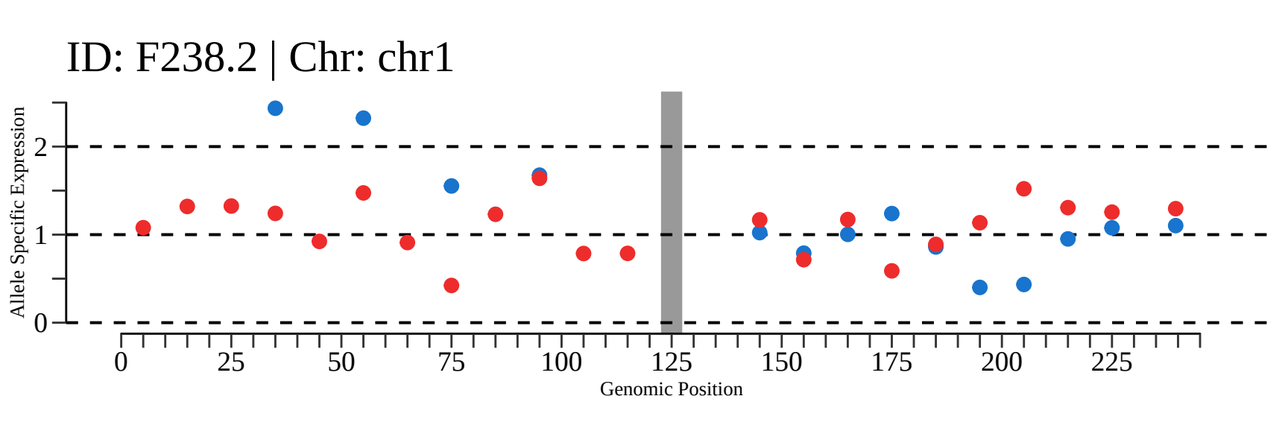
175
200
225
Genomic Position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200
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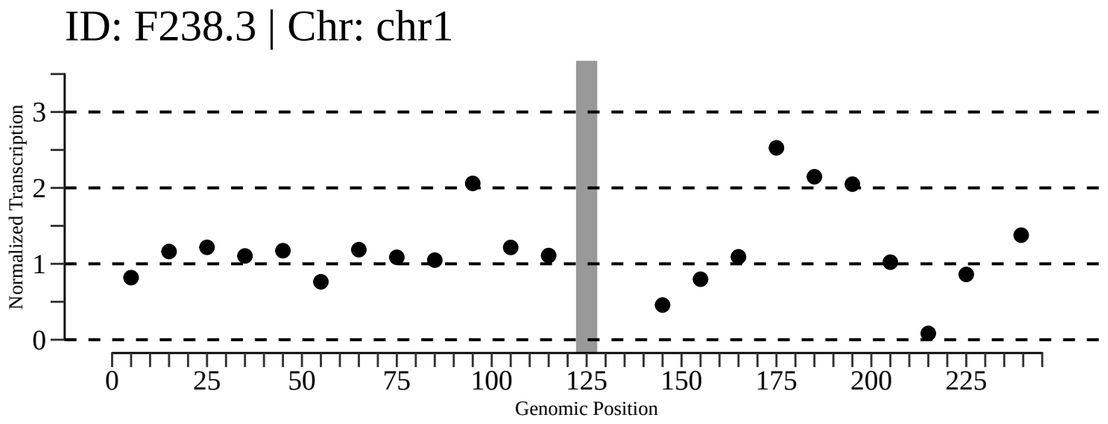
Genomic Position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200
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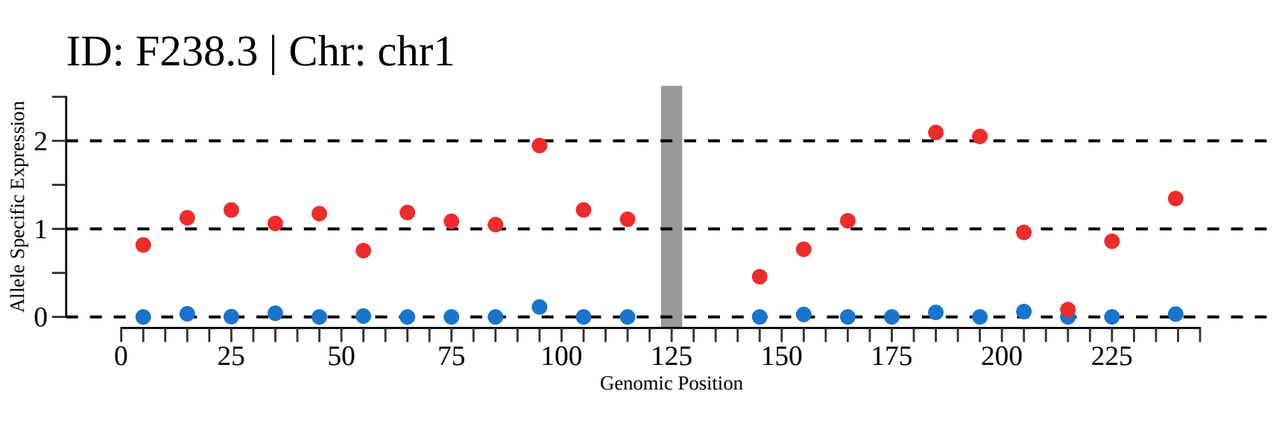
Genomic Position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150
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200
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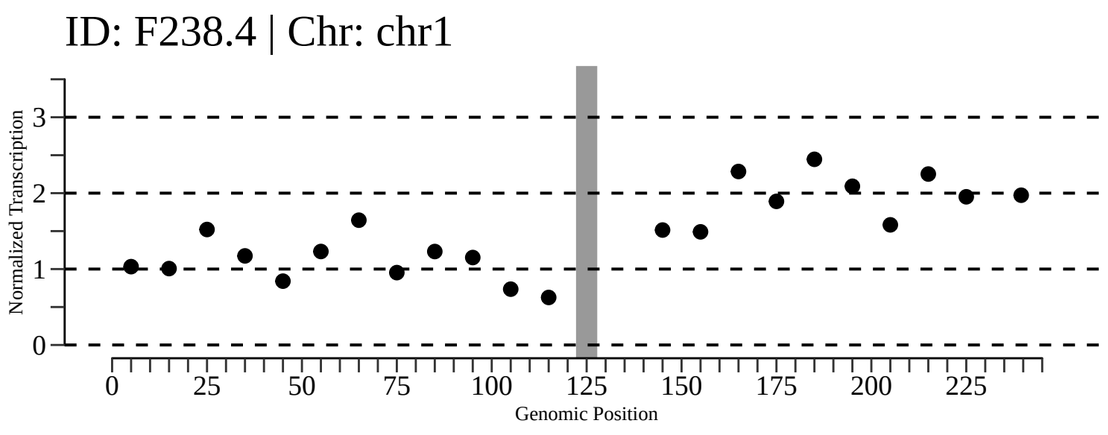
Genomic Position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Normalized Transcription
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2
3
0
25
50
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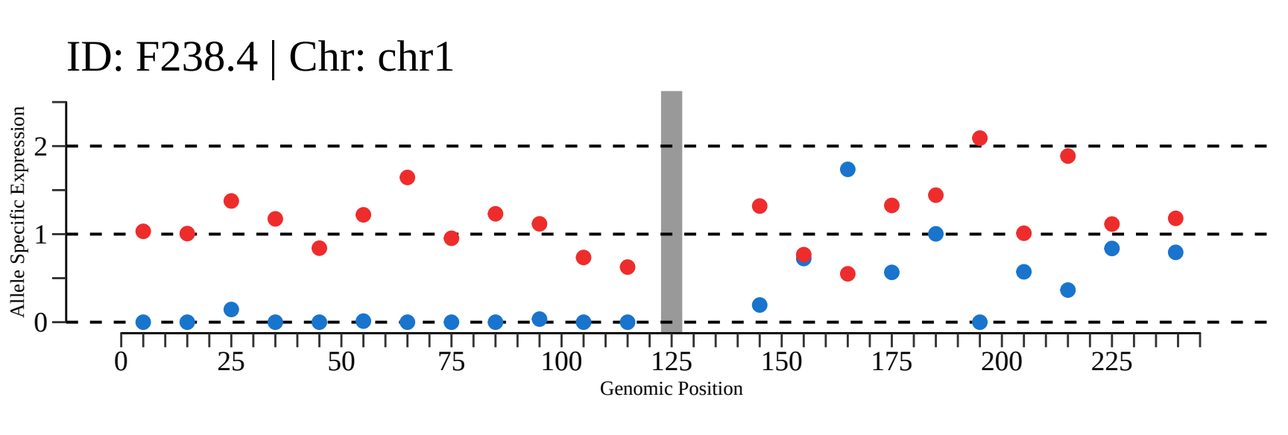
100
125
150
175
200
225
Genomic Position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2
0
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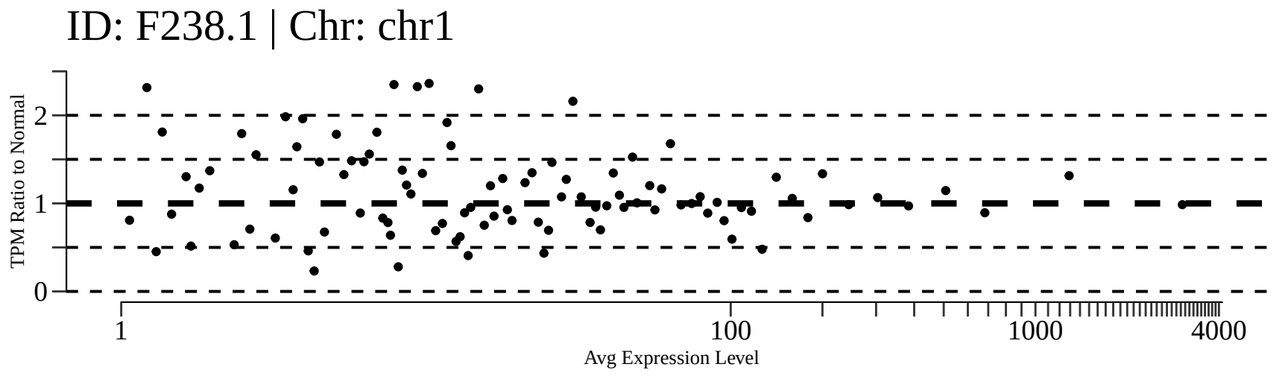
150
175
200
225
Genomic Position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TPM Ratio to Normal
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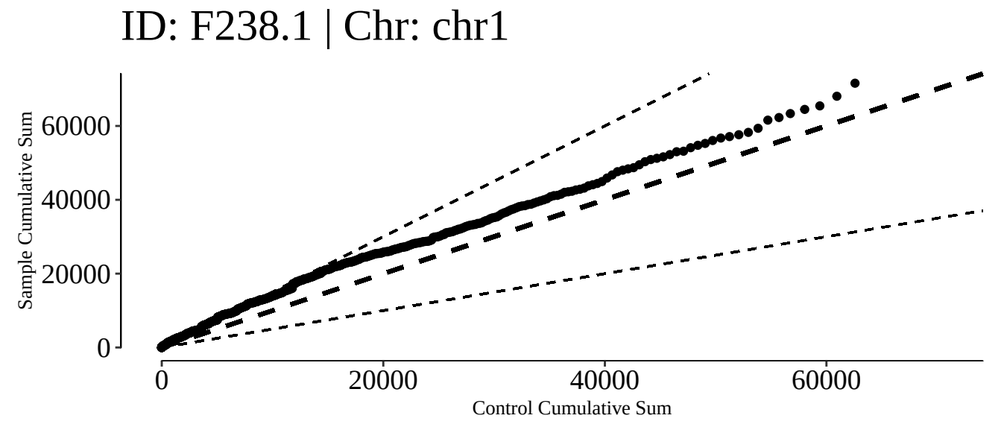
1
2
1
100
1000
4000
Avg Expression Level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Sample Cumulative Sum
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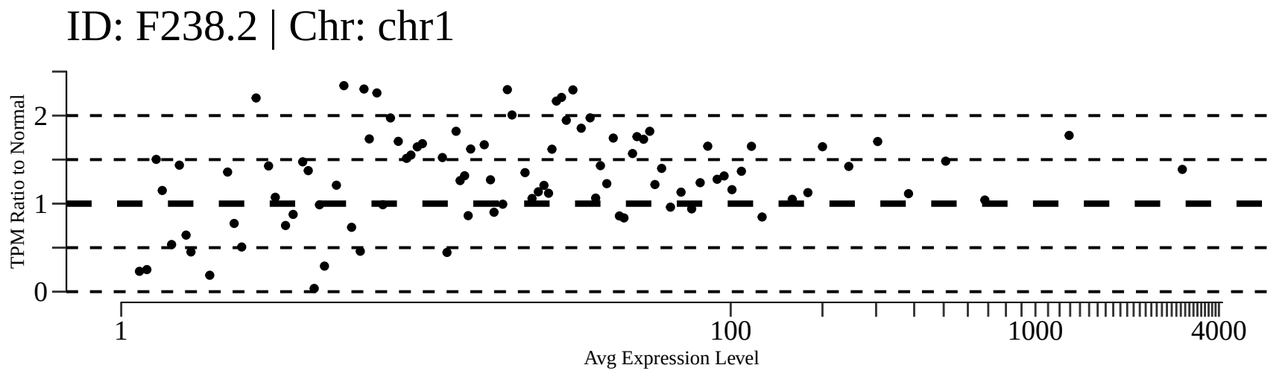
20000
40000
60000
Control Cumulative Sum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TPM Ratio to Normal
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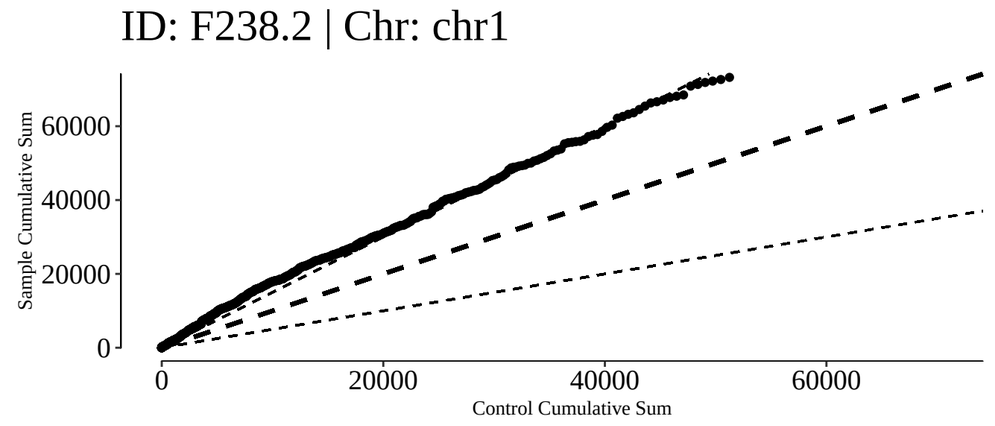
2
1
100
1000
4000
Avg Expression Level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Sample Cumulative Sum
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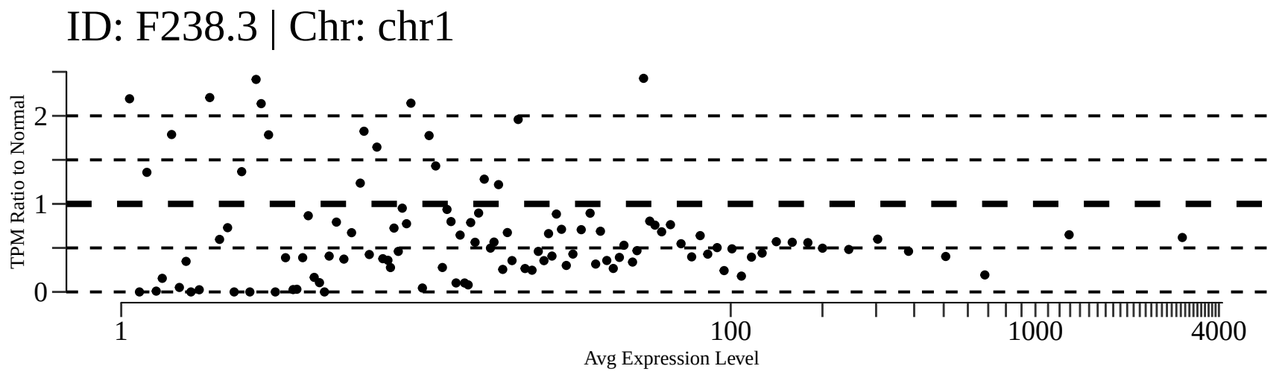
20000
40000
60000
Control Cumulative Sum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TPM Ratio to Normal
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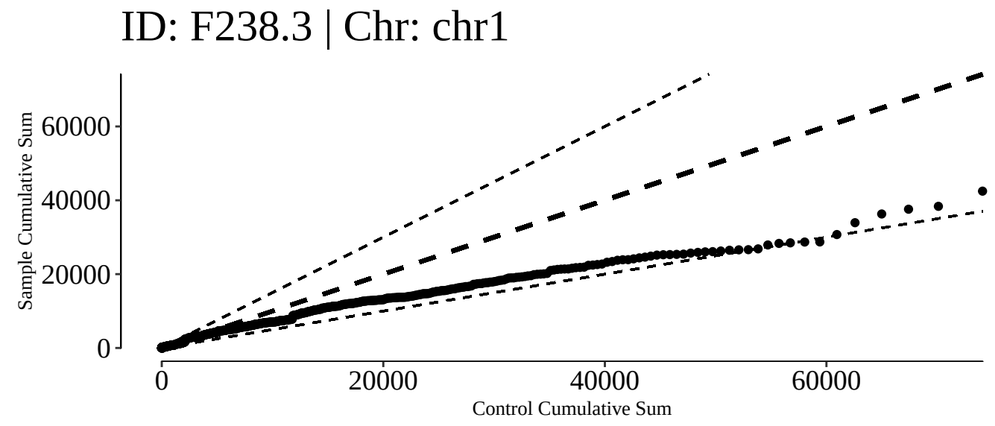
2
1
100
1000
4000
Avg Expression Level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Sample Cumulative Sum
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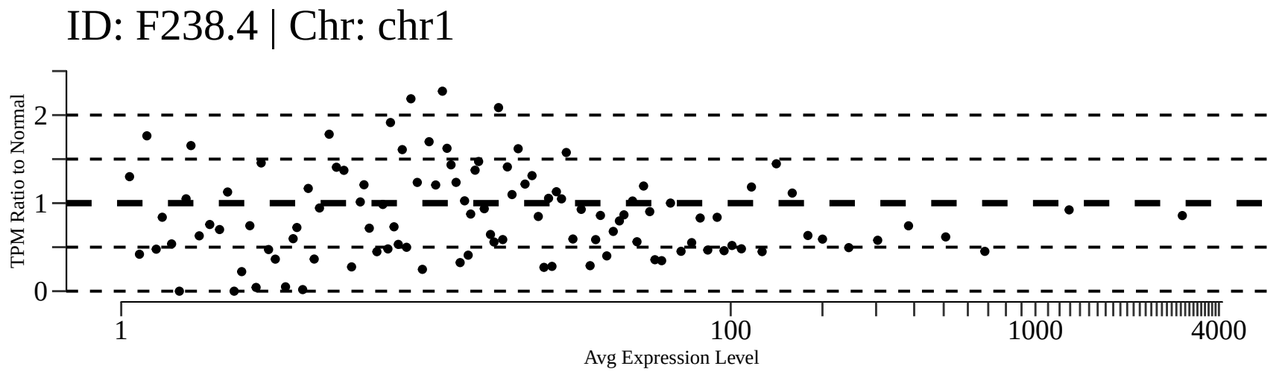
20000
40000
60000
Control Cumulative Sum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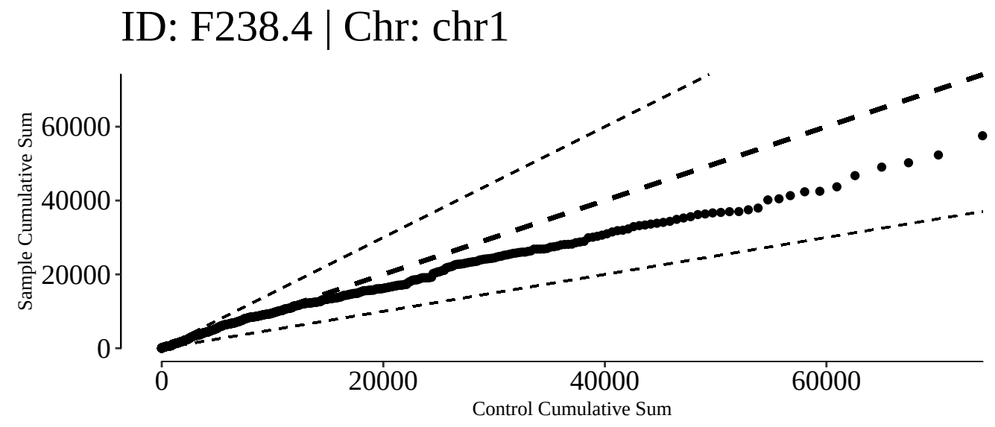
Avg Expression Level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Sample Cumulative Sum
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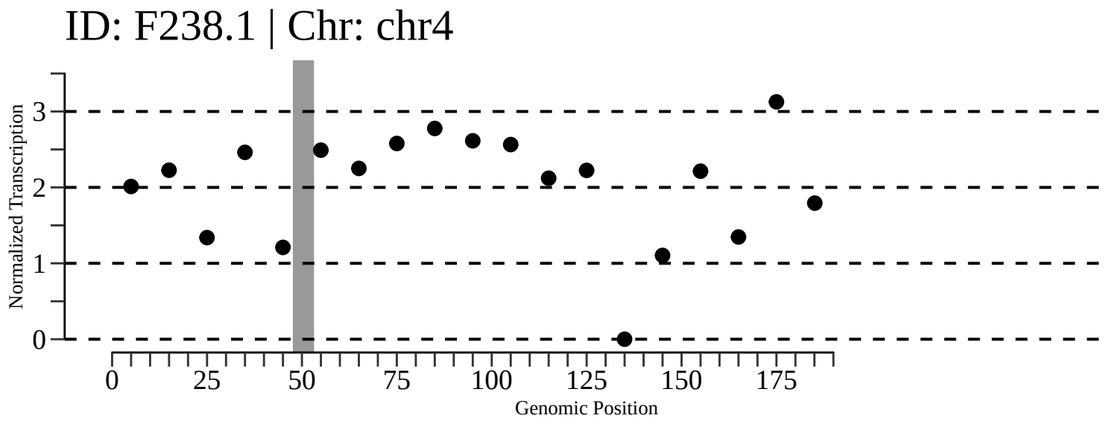
20000
40000
60000
Control Cumulative Sum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Normalized Transcription
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2
3
0
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50
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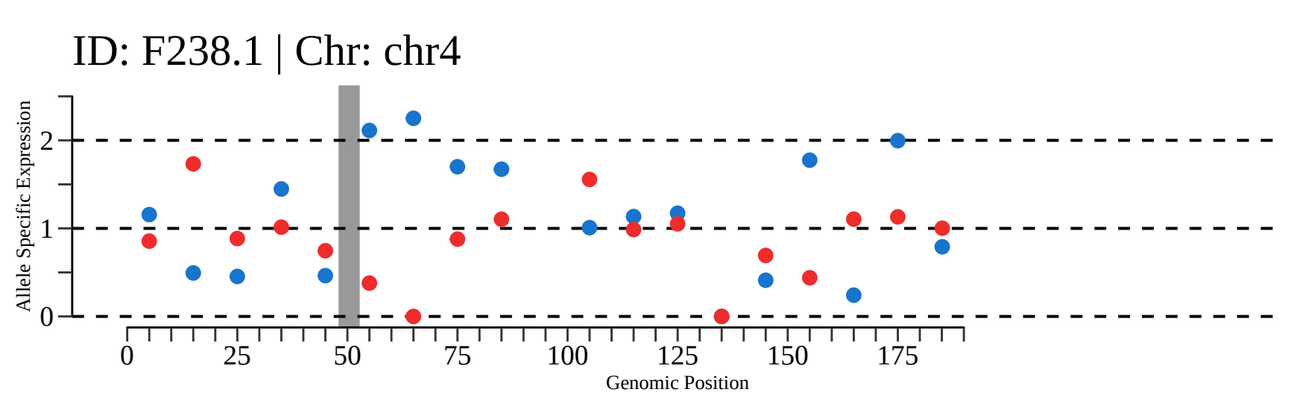
100
125
150
175
Genomic Position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Allele Specific Expression
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1
2
0
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100
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150
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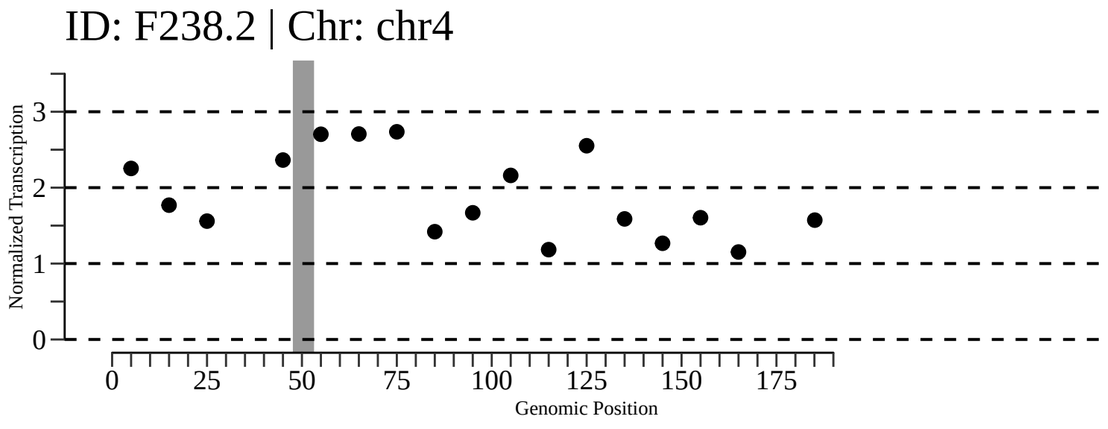
Genomic Position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Normalized Transcription
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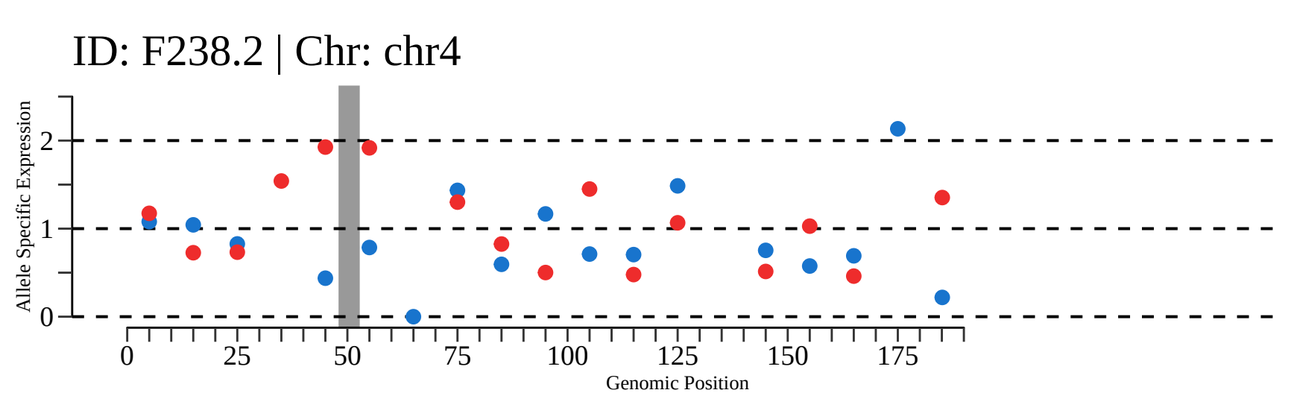
Genomic Position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Allele Specific Expression
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2
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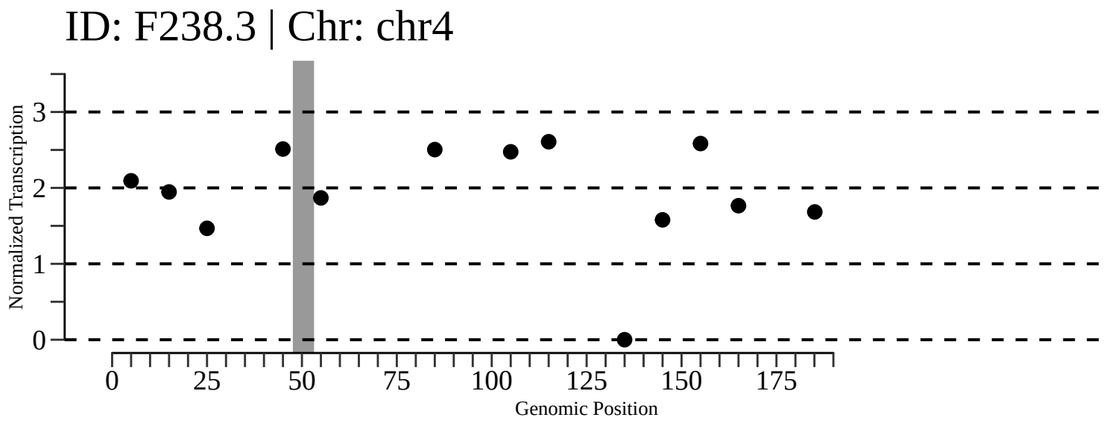
150
175
Genomic Position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Normalized Transcription
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2
3
0
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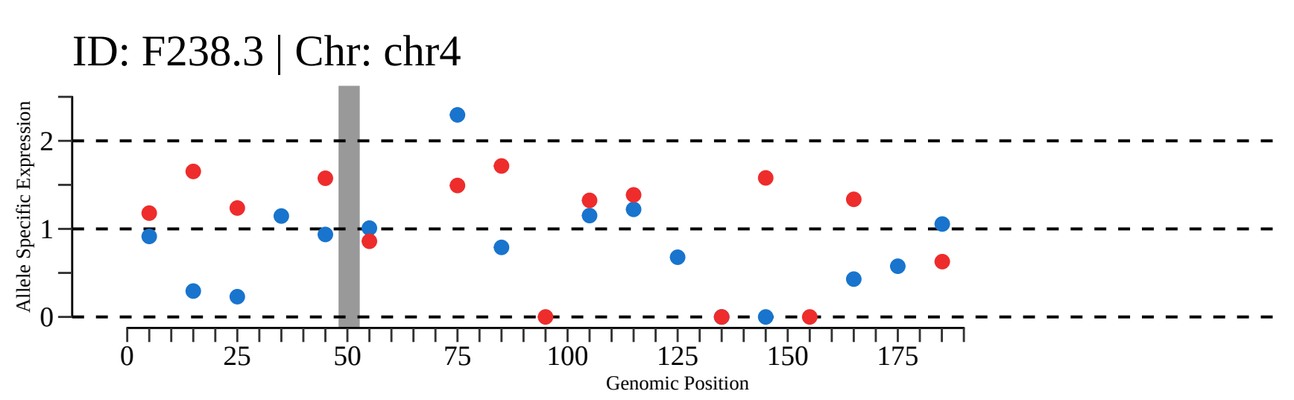
50
75
100
125
150
175
Genomic Position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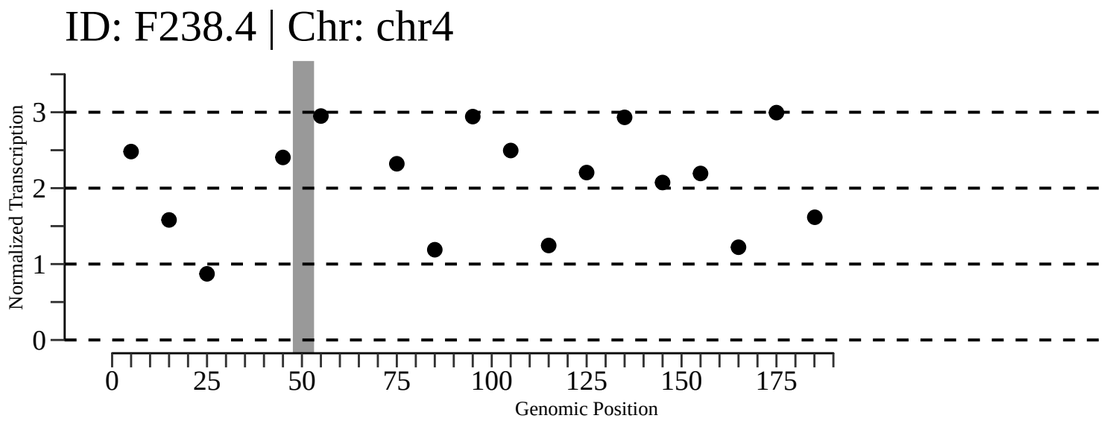
Genomic Position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Normalized Transcription
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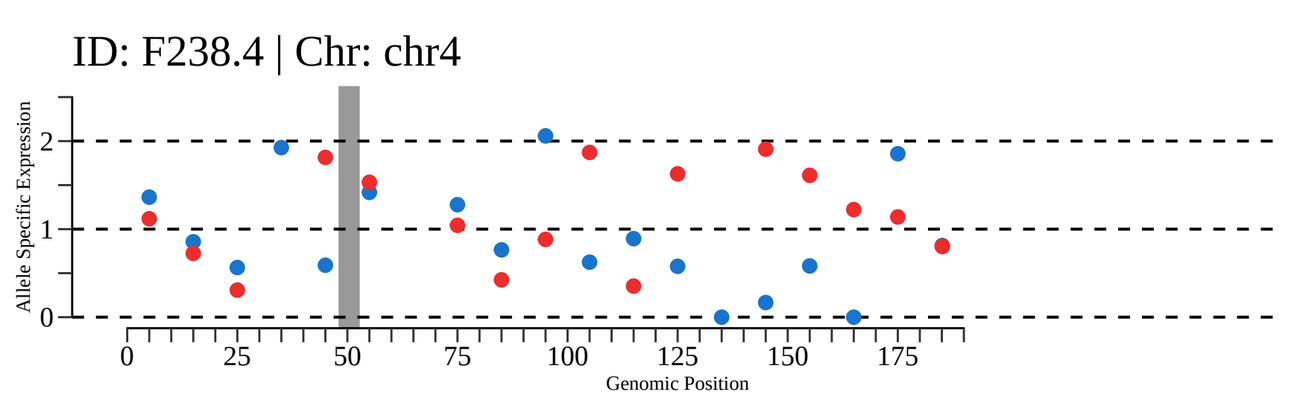
Genomic Position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2
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150
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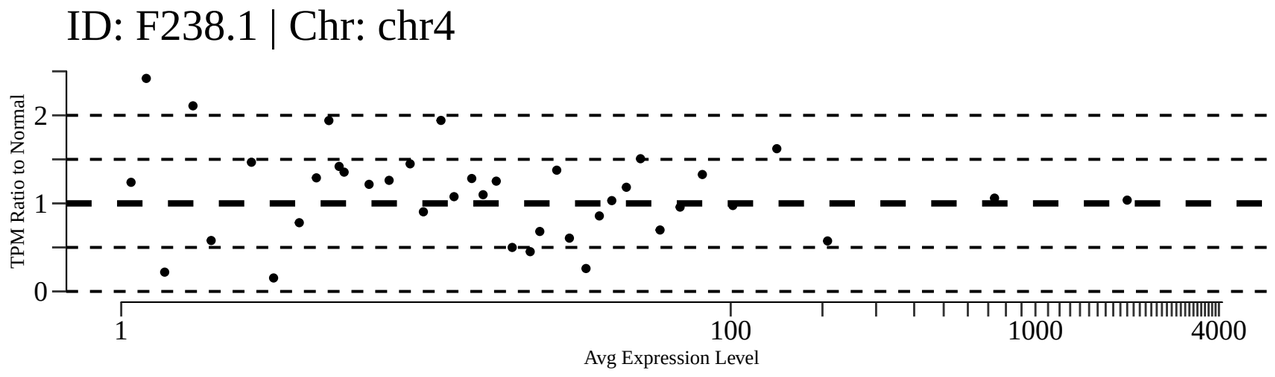
Genomic Position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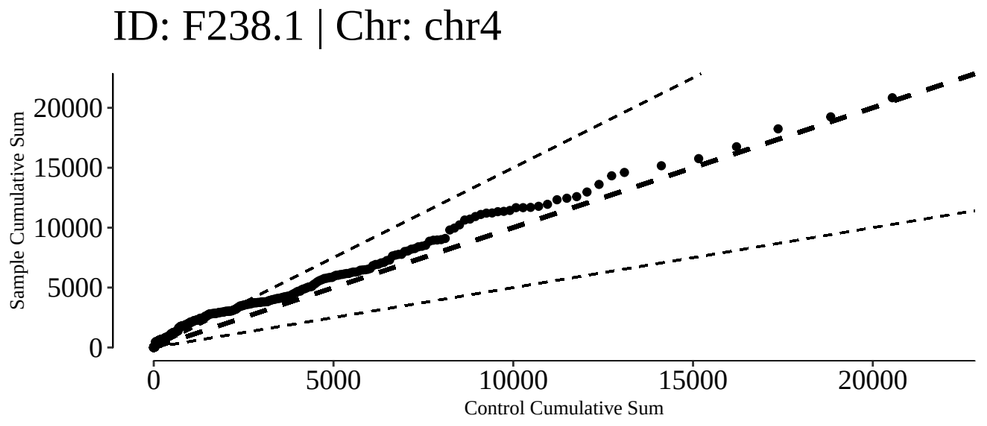
1
100
1000
4000
Avg Expression Level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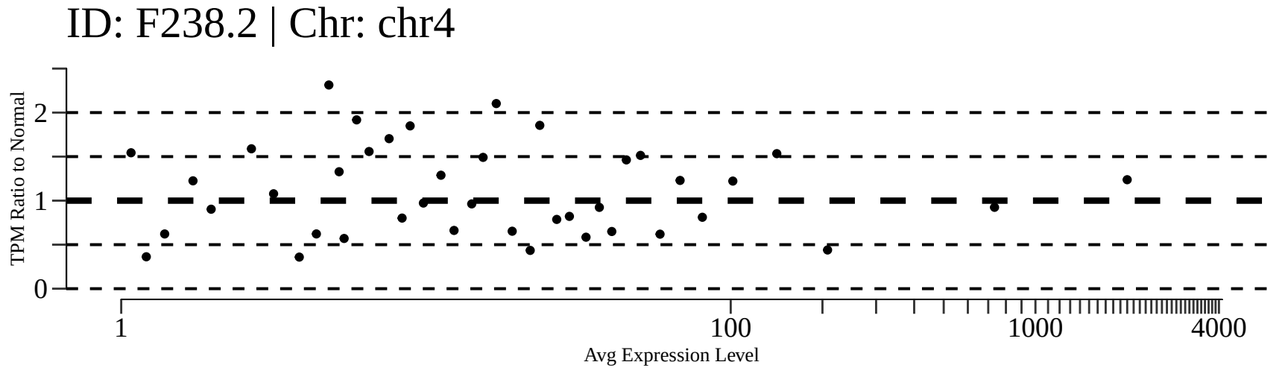
20000
Control Cumulative Sum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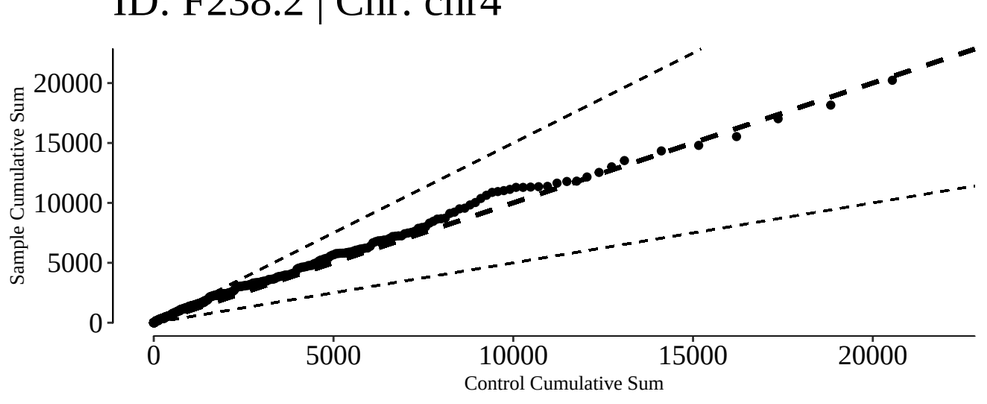
4000
Avg Expression Level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Sample Cumulative Sum
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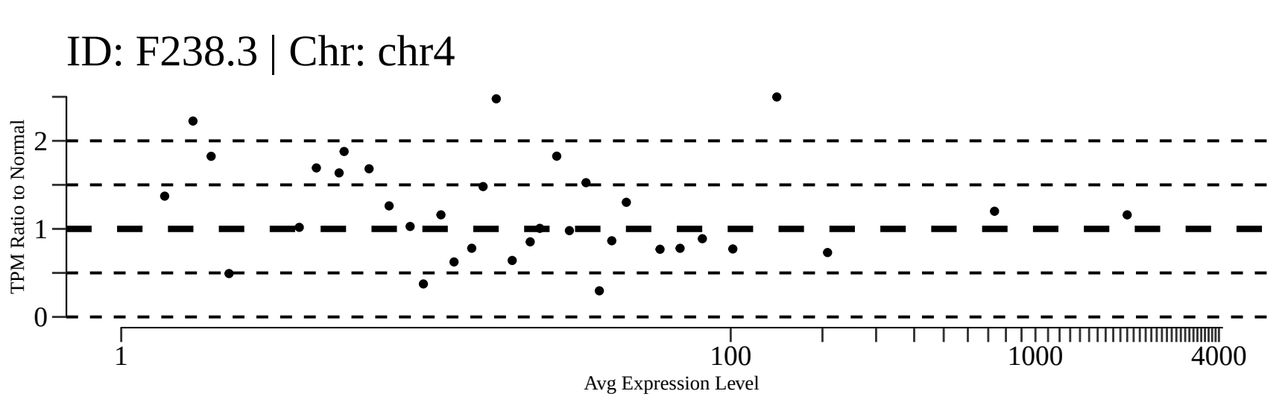
15000
20000
Control Cumulative Sum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TPM Ratio to Normal
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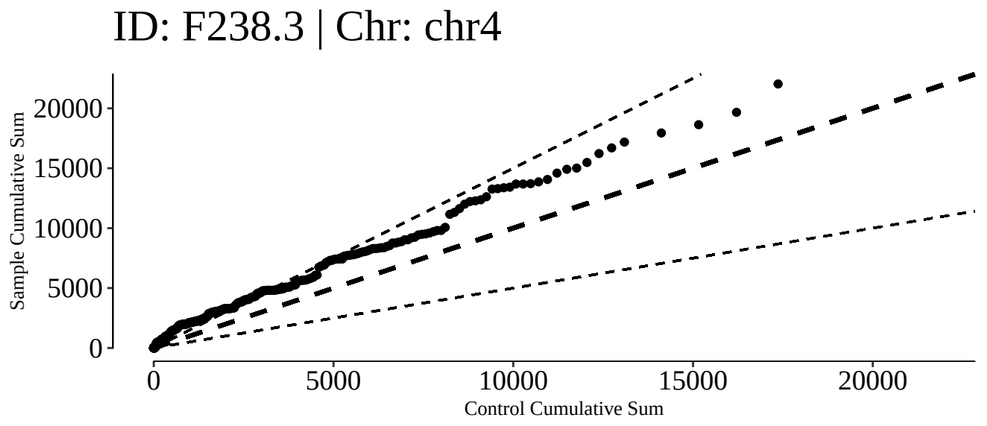
1000
4000
Avg Expression Level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Sample Cumulative Sum
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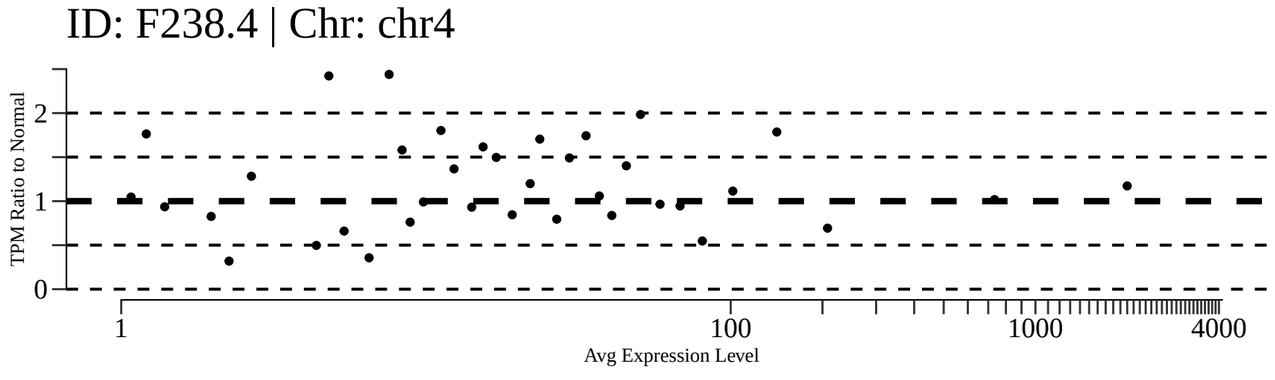
15000
20000
Control Cumulative Sum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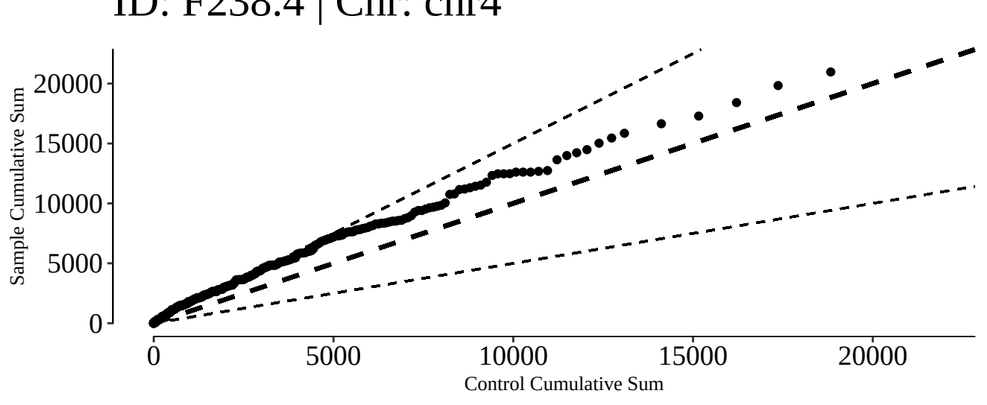
1000
4000
Avg Expression Level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Sample Cumulative Sum
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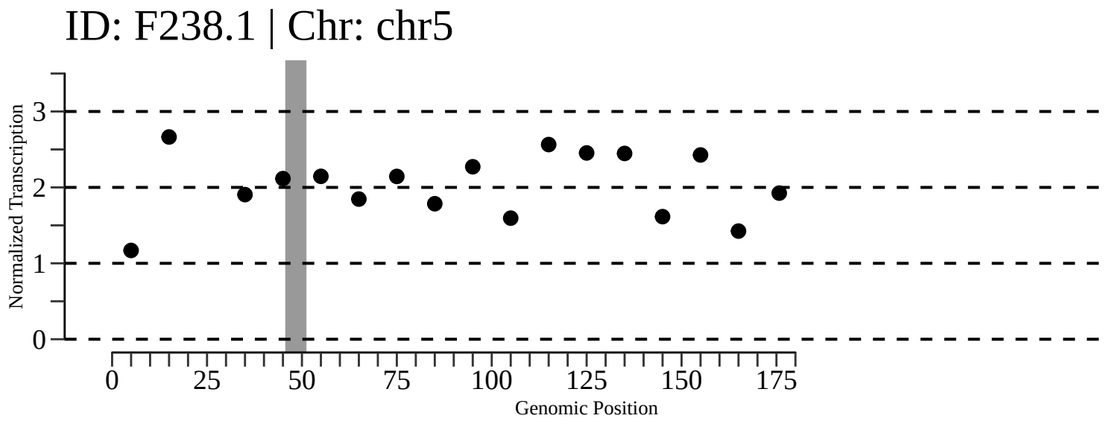
20000
Control Cumulative Sum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50
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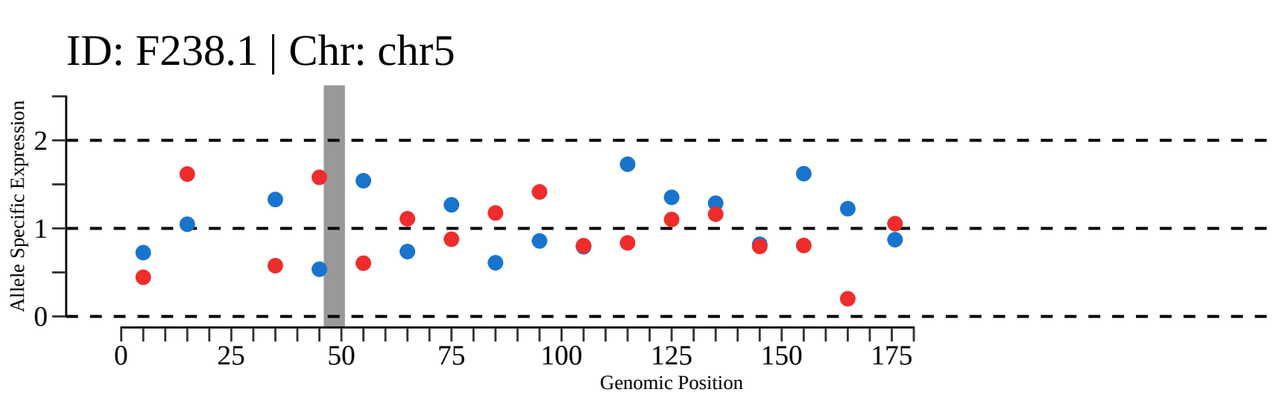
125
150
175
Genomic Position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Allele Specific Expression
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2
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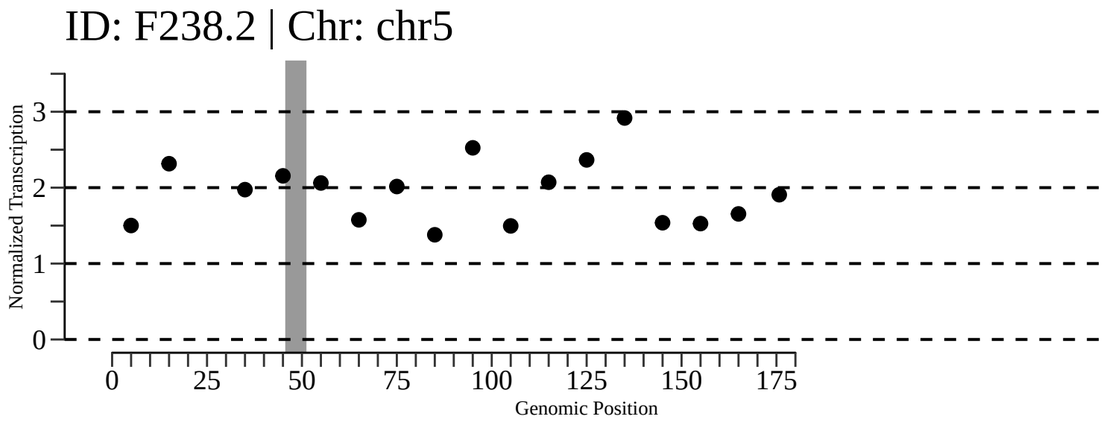
150
175
Genomic Position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Normalized Transcription
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3
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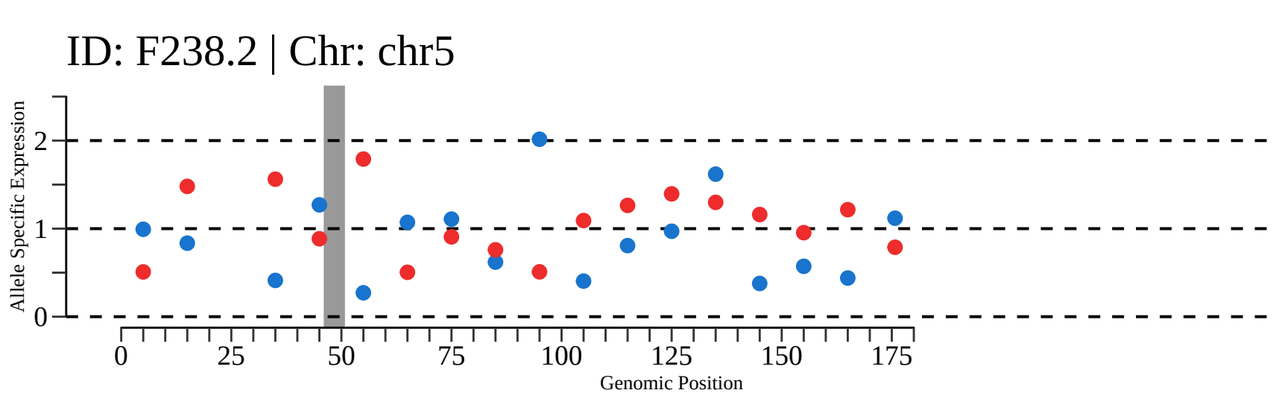
100
125
150
175
Genomic Position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Allele Specific Expression
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2
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100
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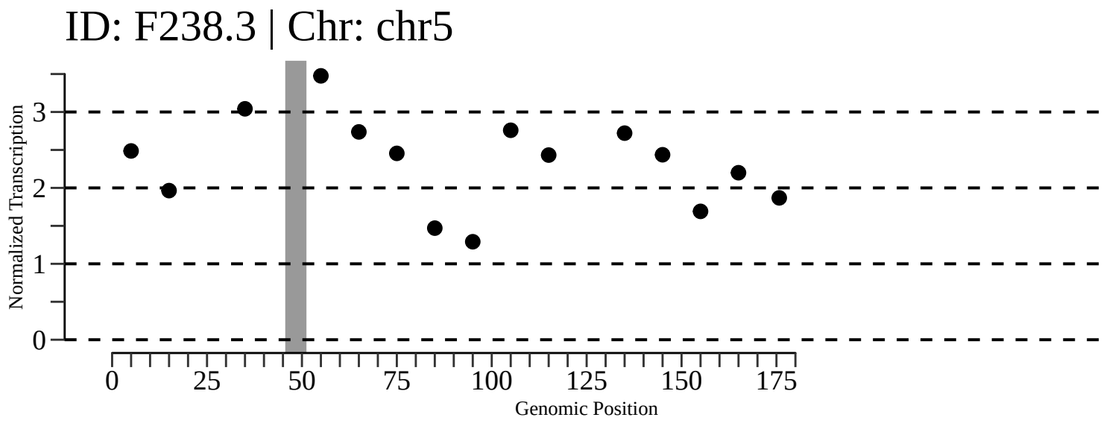
150
175
Genomic Position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Normalized Transcription
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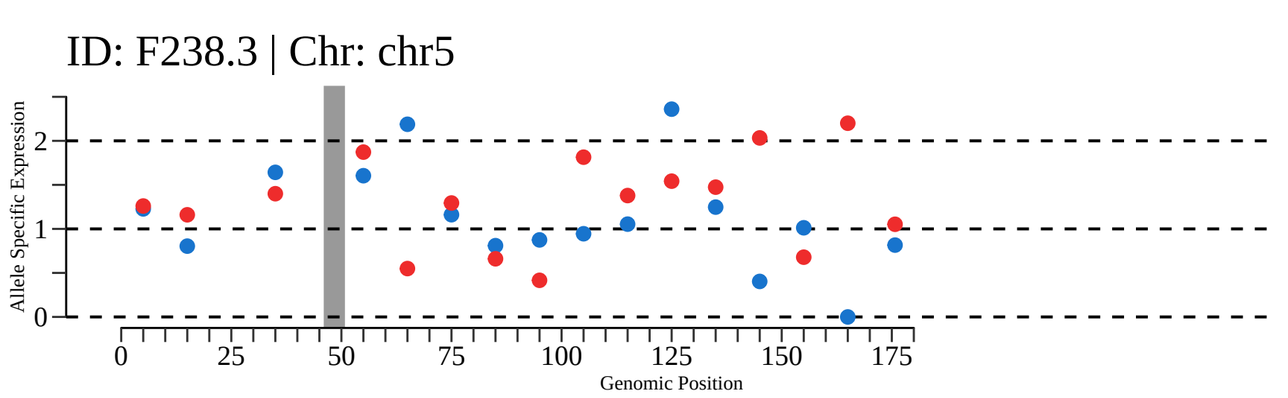
2
3
0
25
50
75
100
125
150
175
Genomic Position


ID: F238.3 | Chr: chr5
Allele Specific Expression
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2
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25
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125
150
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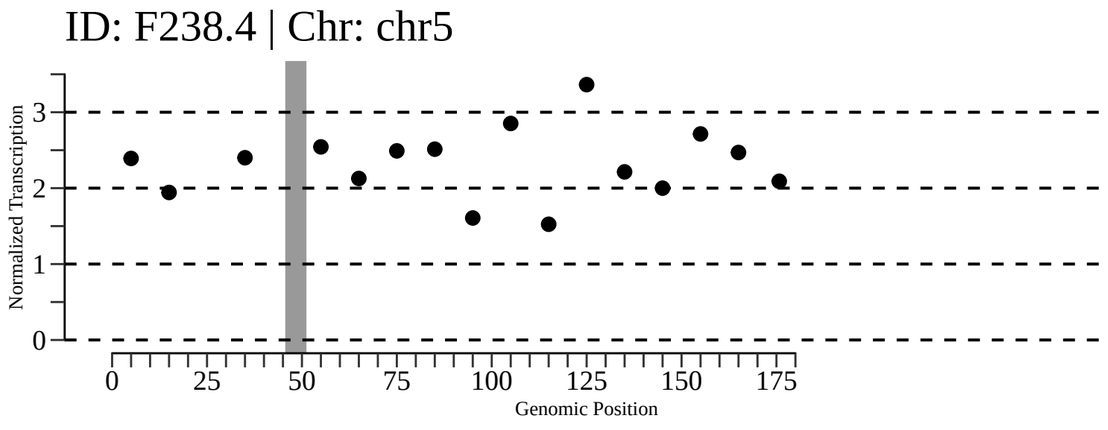
Genomic Position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Normalized Transcription
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3
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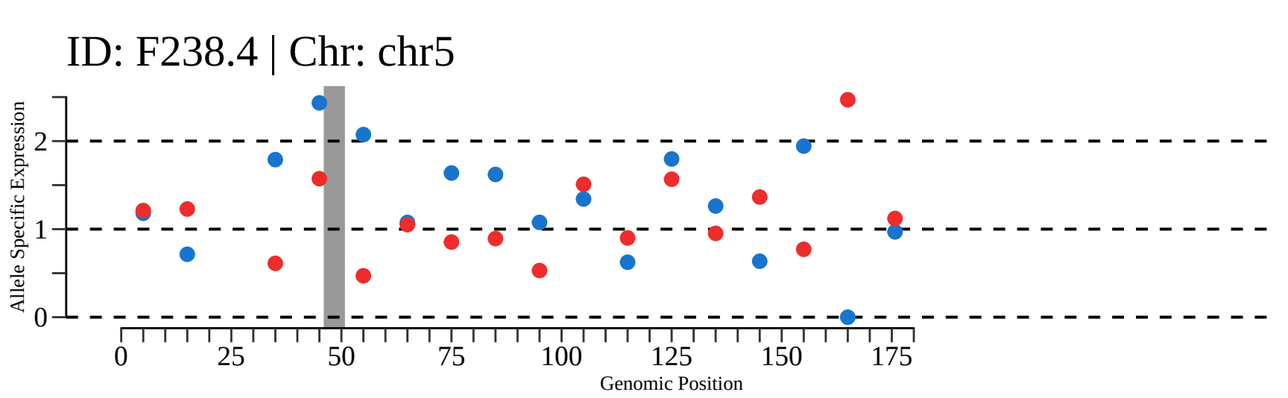
125
150
175
Genomic Position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Allele Specific Expression
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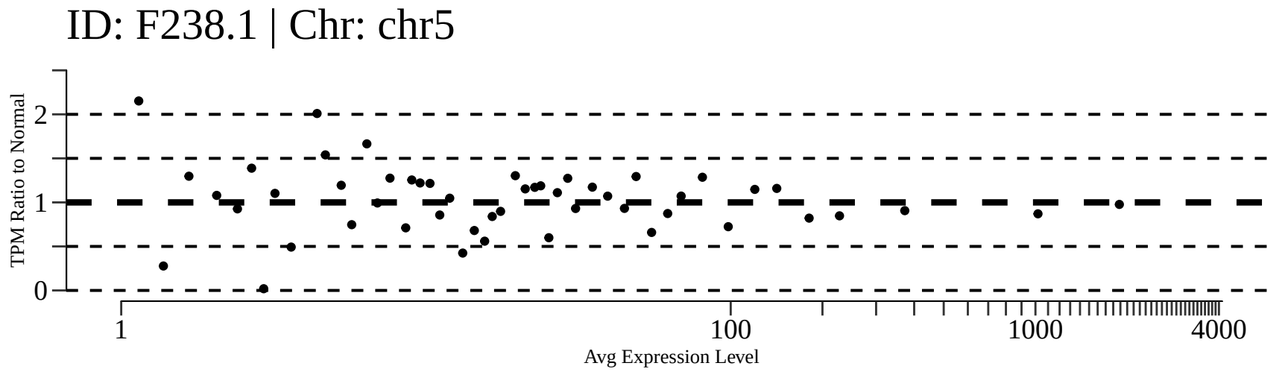
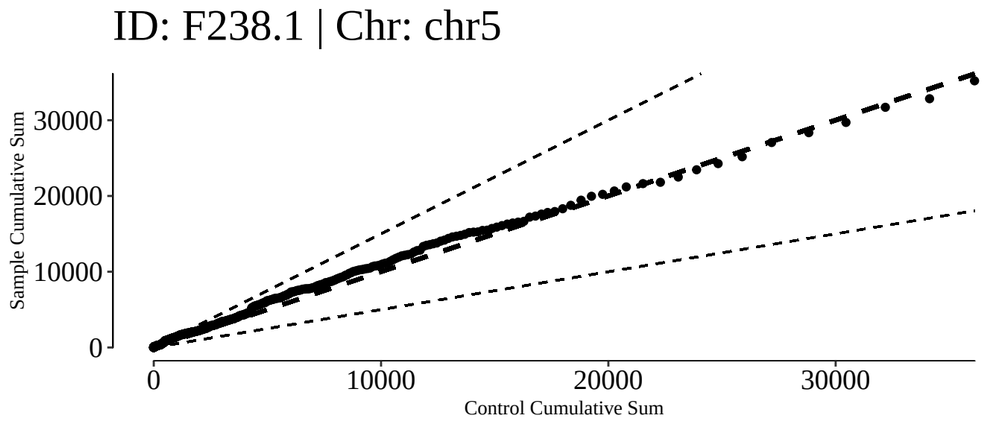
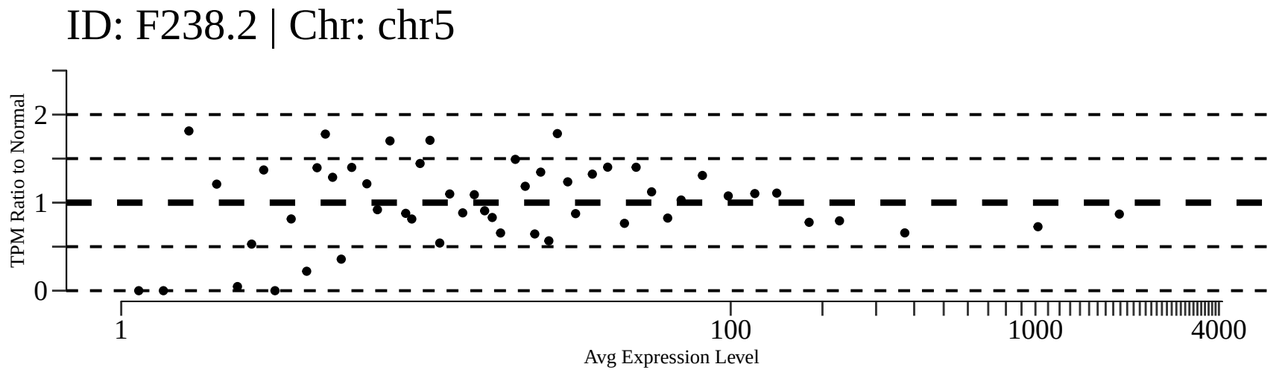
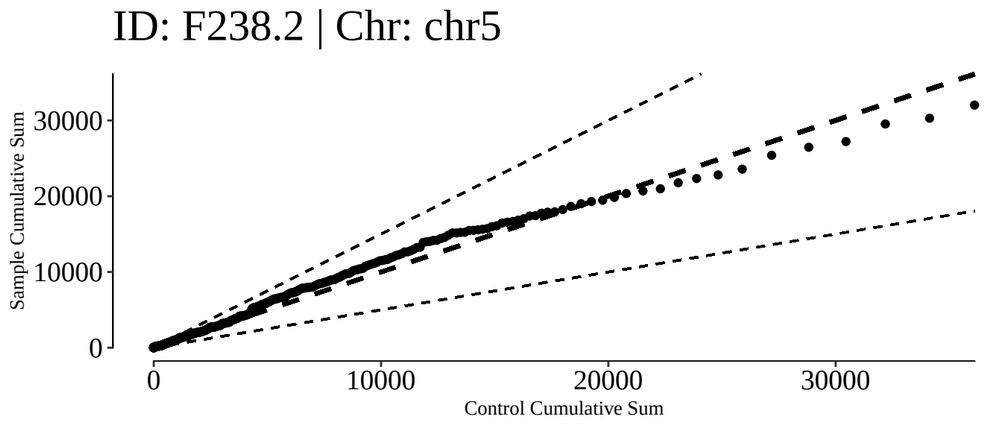
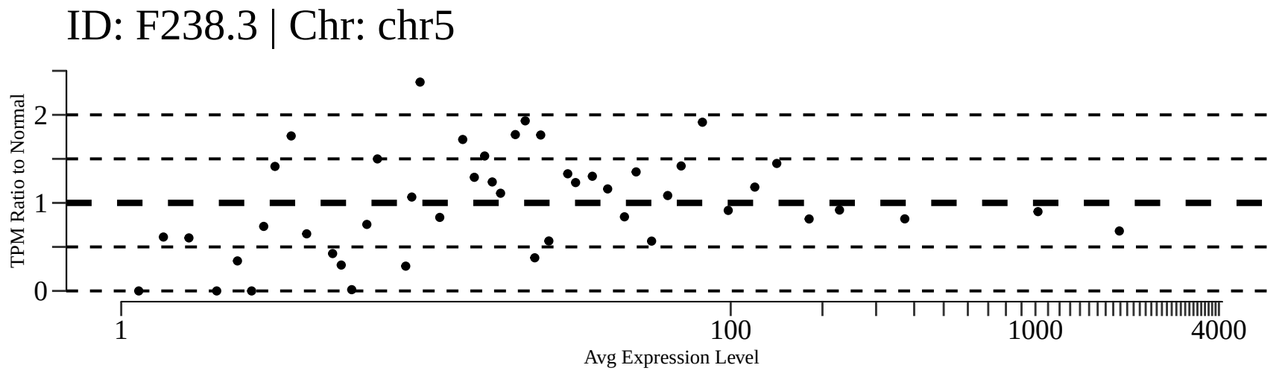
2
0
25
50
75
100
125
150
175
Genomic Position

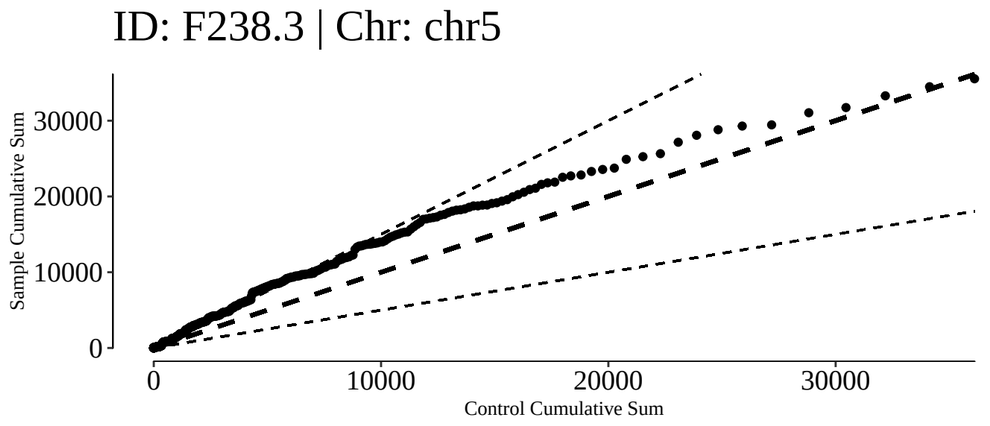

ID: F238.1 | Chr: chr5
TPM Ratio to Normal
0
1
2
1
100
1000
4000
Avg Expression Level

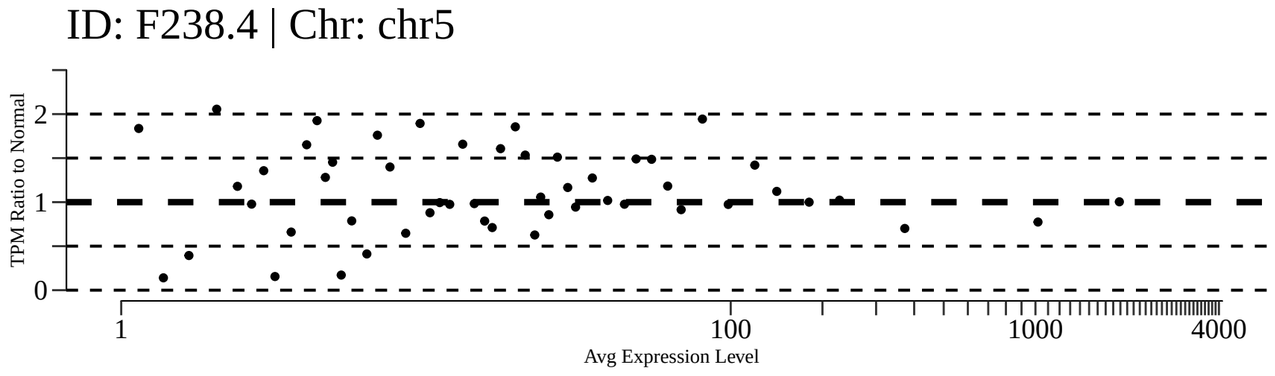

ID: F238.1 | Chr: chr5
Sample Cumulative Sum
0
10000
20000
30000
0
10000
20000
30000
Control Cumulative Sum

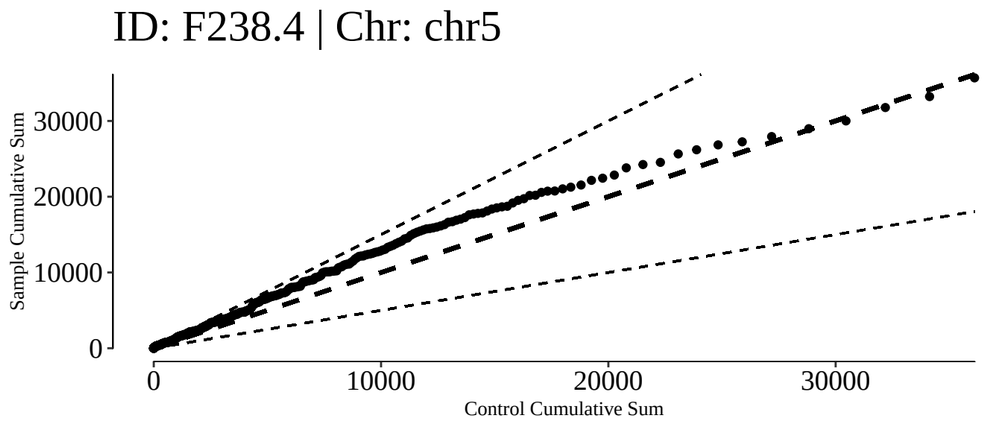

ID: F238.2 | Chr: chr5
TPM Ratio to Normal
0
1
2
1
100
1000
4000
Avg Expression Level

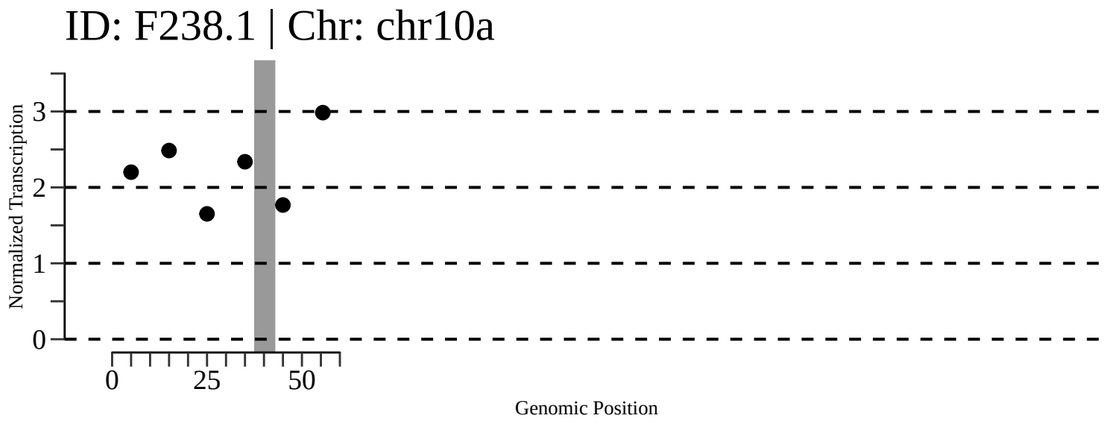

ID: F238.2 | Chr: chr5
Sample Cumulative Sum
0
10000
20000
30000
0
10000
20000
30000
Control Cumulative Sum

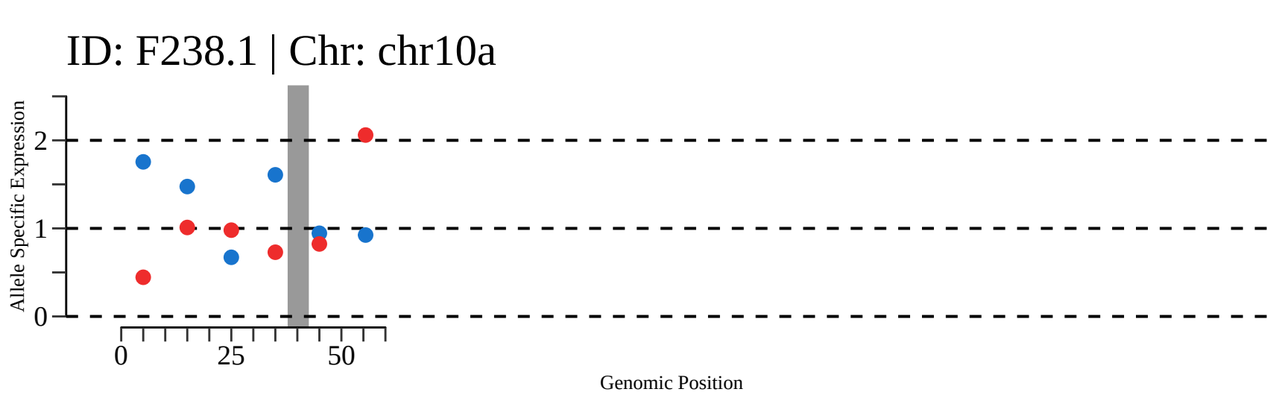

ID: F238.3 | Chr: chr5
TPM Ratio to Normal
0
1
2
1
100
1000
4000
Avg Expression Level

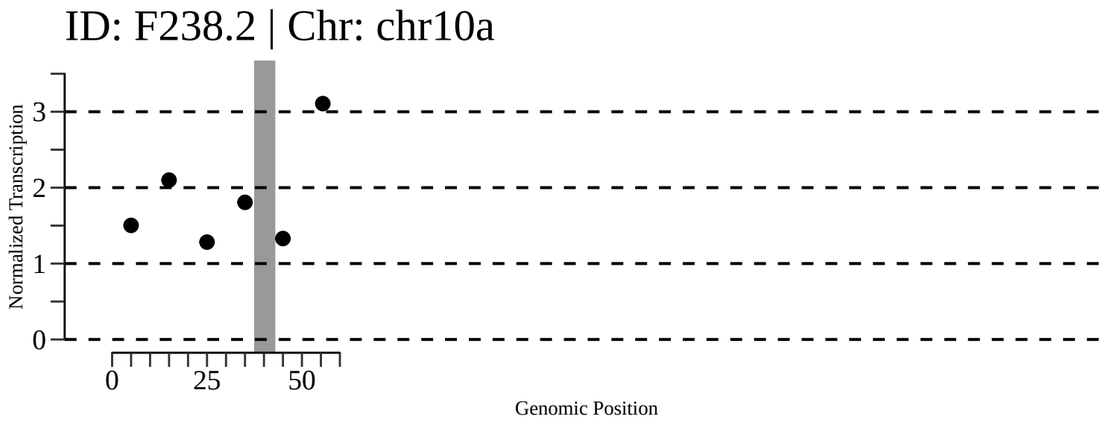

ID: F238.3 | Chr: chr5
Sample Cumulative Sum
0
10000
20000
30000
0
10000
20000
30000
Control Cumulative Sum

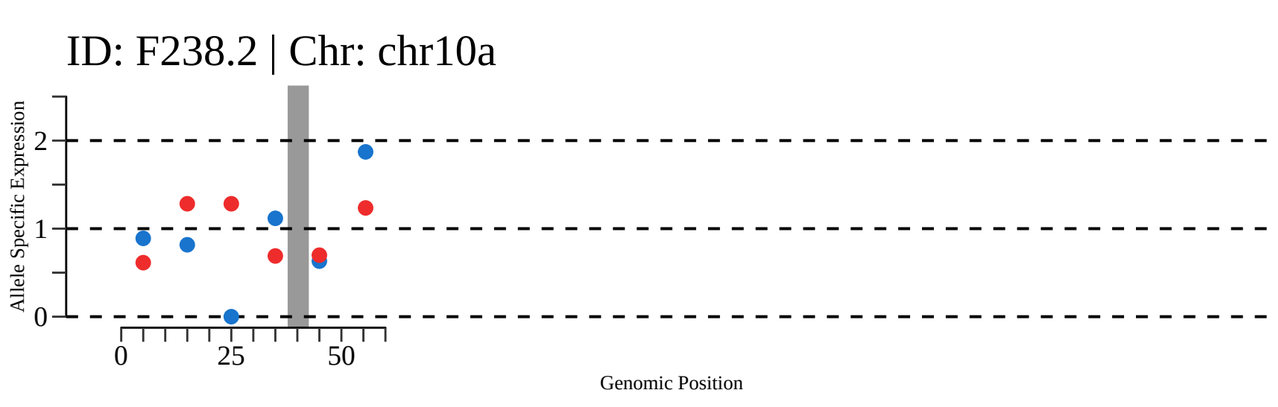

ID: F238.4 | Chr: chr5
TPM Ratio to Normal
0
1
2
1
100
1000
4000
Avg Expression Level

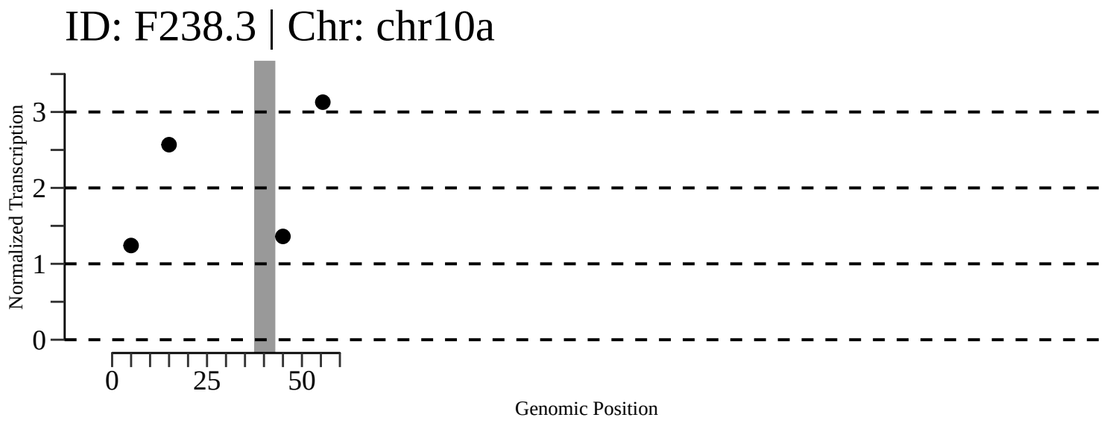

ID: F238.4 | Chr: chr5
Sample Cumulative Sum
0
10000
20000
30000
0
10000
20000
30000
Control Cumulative Sum

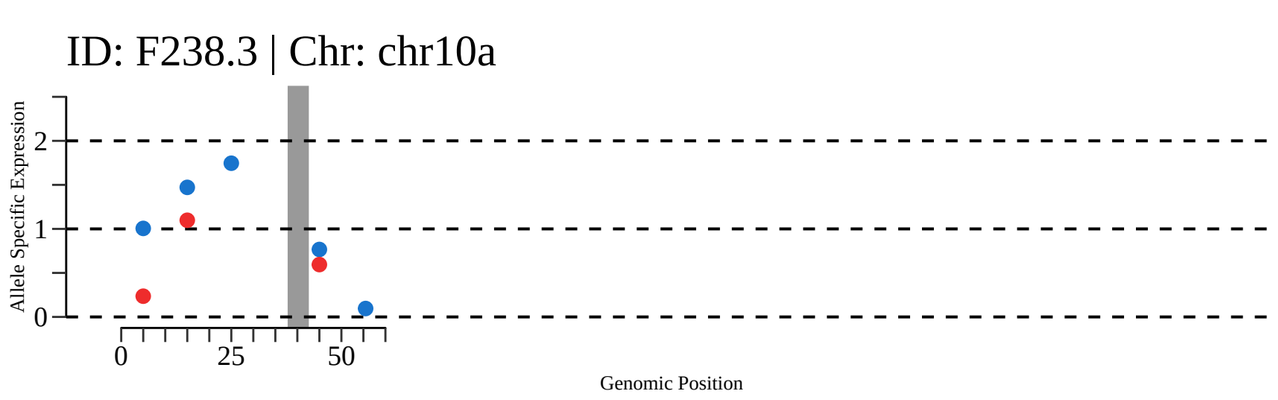

ID: F238.1 | Chr: chr10a
Normalized Transcription
0
1
2
3
0
25
50
Genomic Position

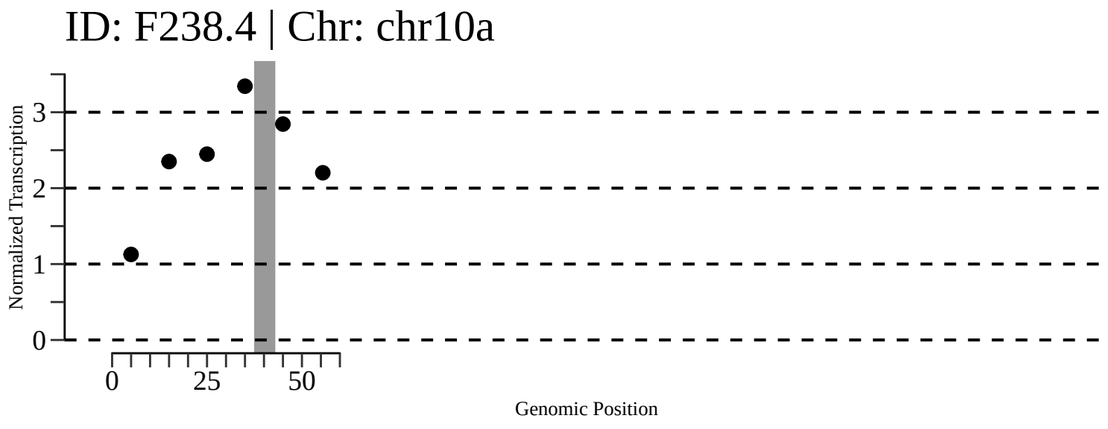

ID: F238.1 | Chr: chr10a
Allele Specific Expression
0
1
2
0
25
50
Genomic Position

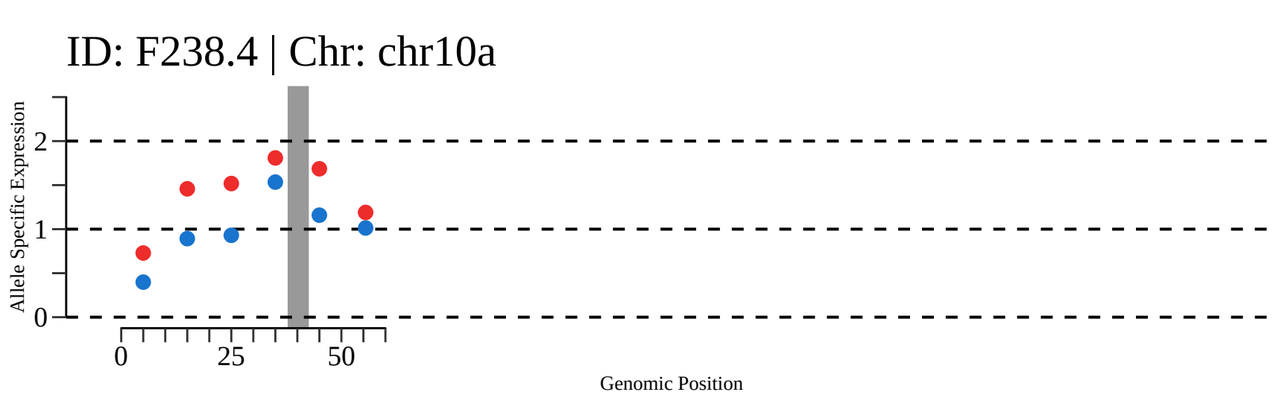

ID: F238.2 | Chr: chr10a
Normalized Transcription
0
1
2
3
0
25
50
Genomic Position

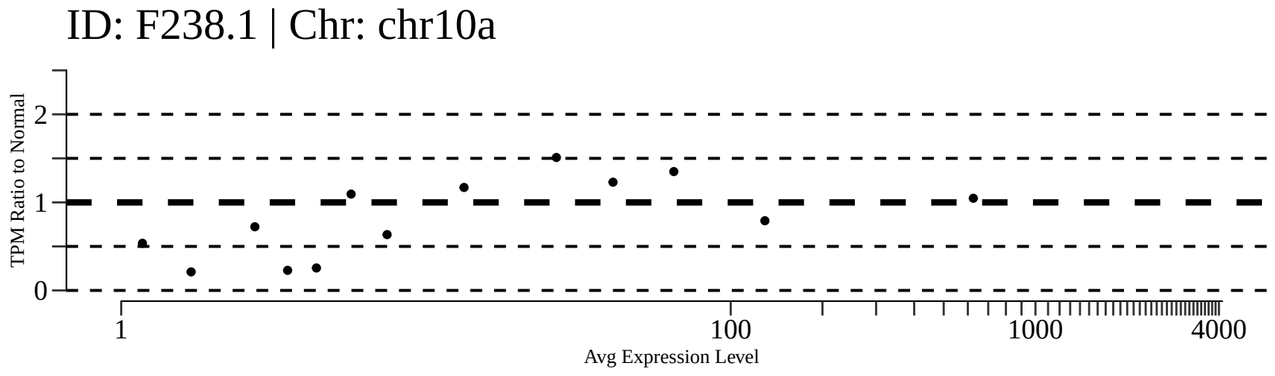

ID: F238.2 | Chr: chr10a
Allele Specific Expression
0
1
2
0
25
50
Genomic Position

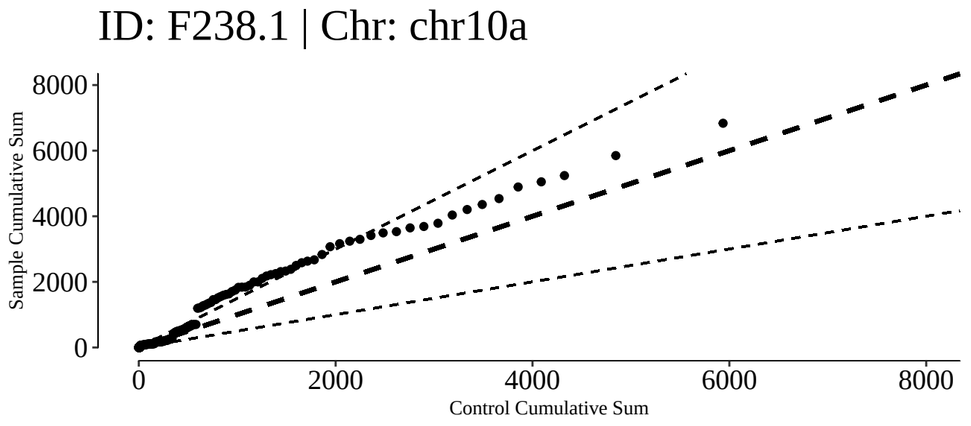

ID: F238.3 | Chr: chr10a
Normalized Transcription
0
1
2
3
0
25
50
Genomic Position

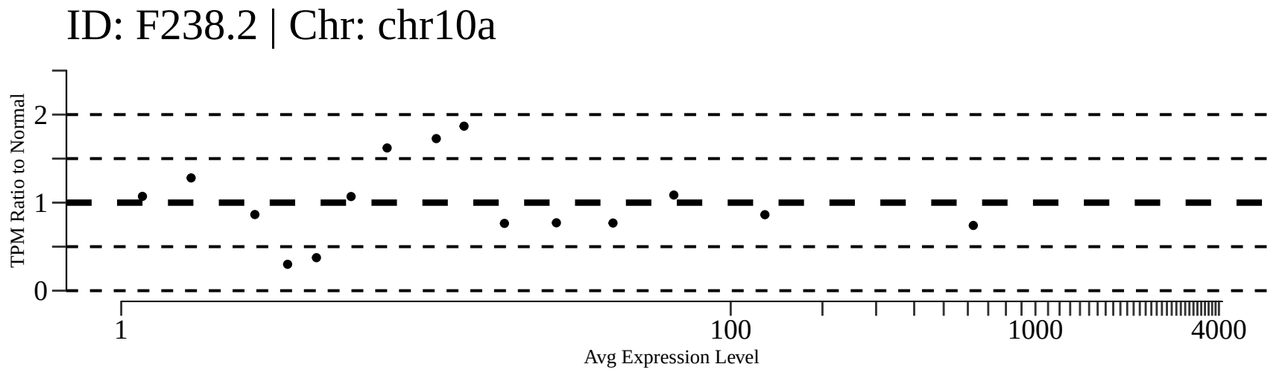

ID: F238.3 | Chr: chr10a
Allele Specific Expression
0
1
2
0
25
50
Genomic Position

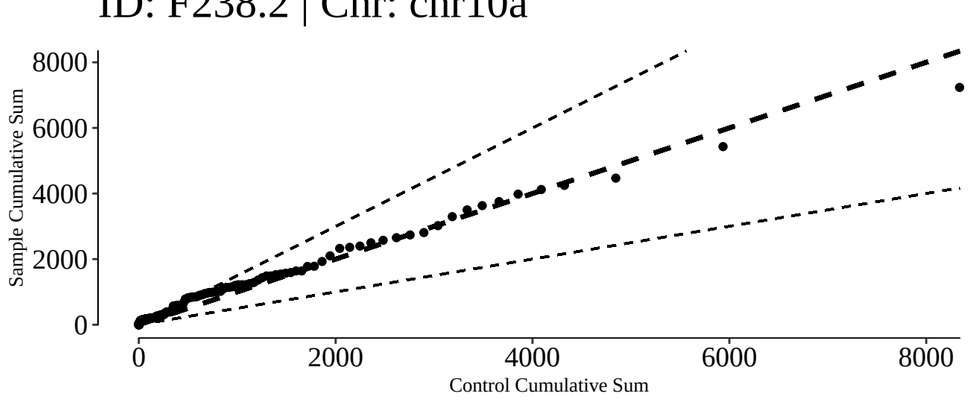

ID: F238.4 | Chr: chr10a
Normalized Transcription
0
1
2
3
0
25
50
Genomic Position

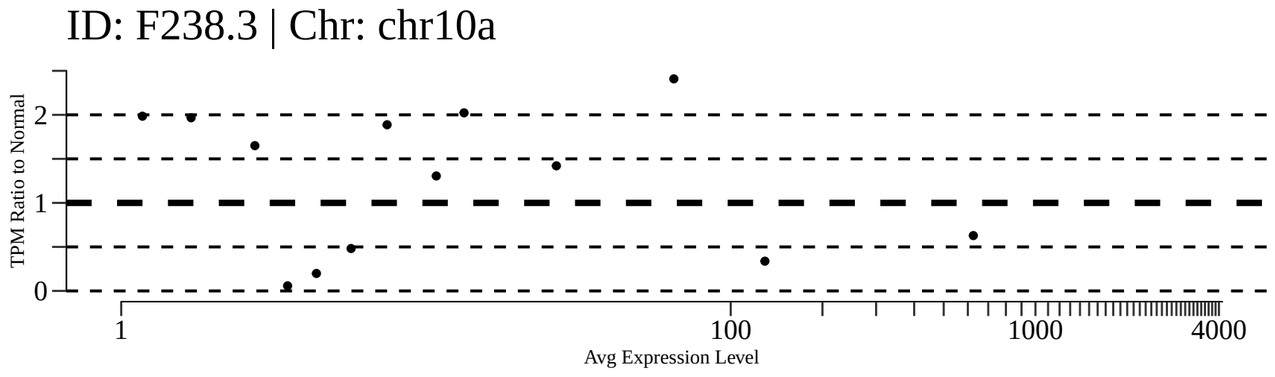

ID: F238.4 | Chr: chr10a
Allele Specific Expression
0
1
2
0
25
50
Genomic Position

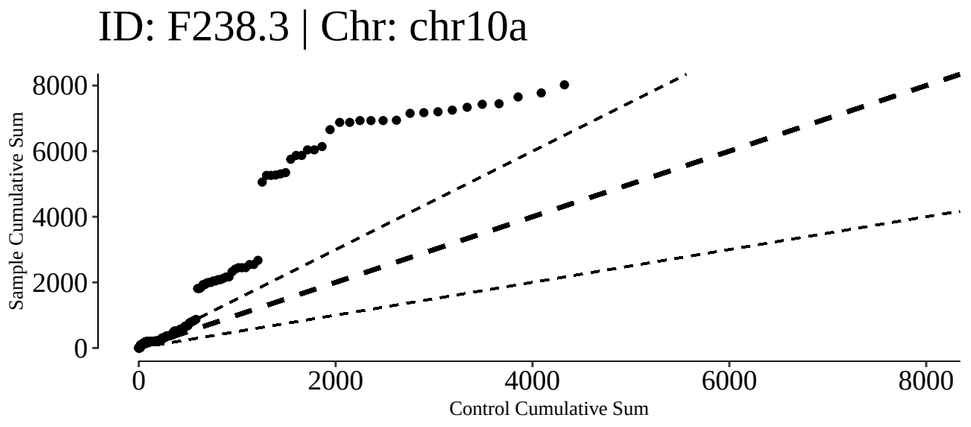

ID: F238.1 | Chr: chr10a
TPM Ratio to Normal
0
1
2
1
100
1000
4000
Avg Expression Level

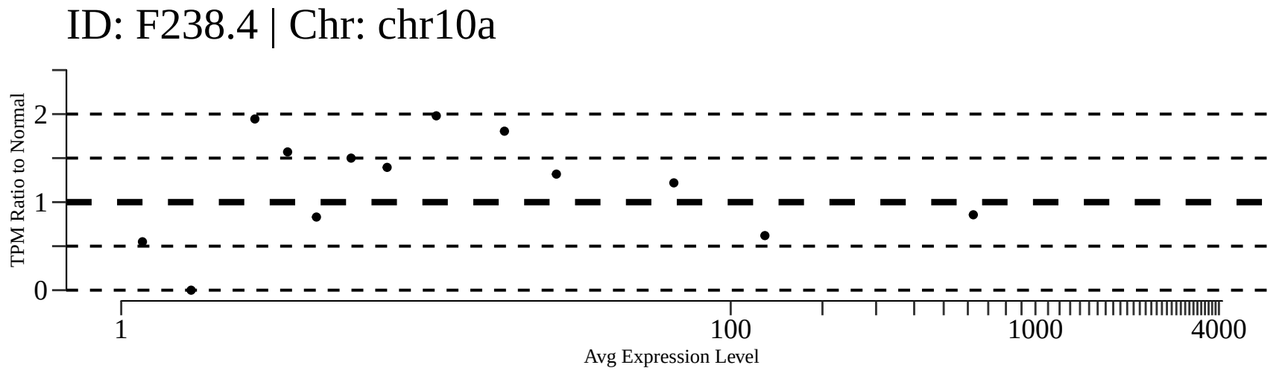

ID: F238.1 | Chr: chr10a
Sample Cumulative Sum
0
2000
4000
6000
8000
Control Cumulative Sum

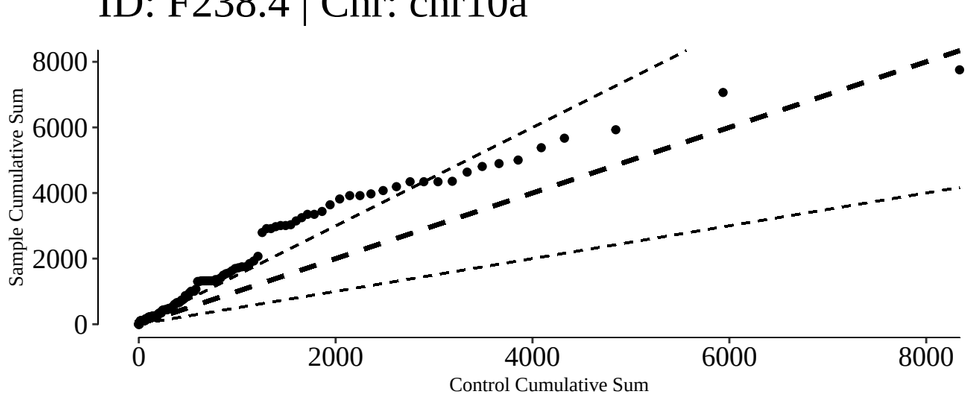

ID: F238.2 | Chr: chr10a
TPM Ratio to Normal
0
1
2
1
100
1000
4000
Avg Expression Level

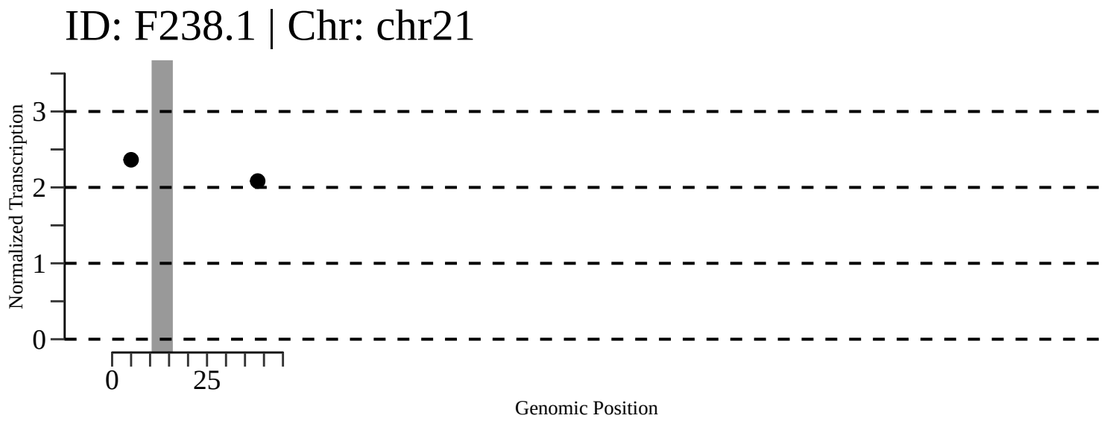

ID: F238.2 | Chr: chr10a
Sample Cumulative Sum
0
2000
4000
6000
8000
Control Cumulative Sum

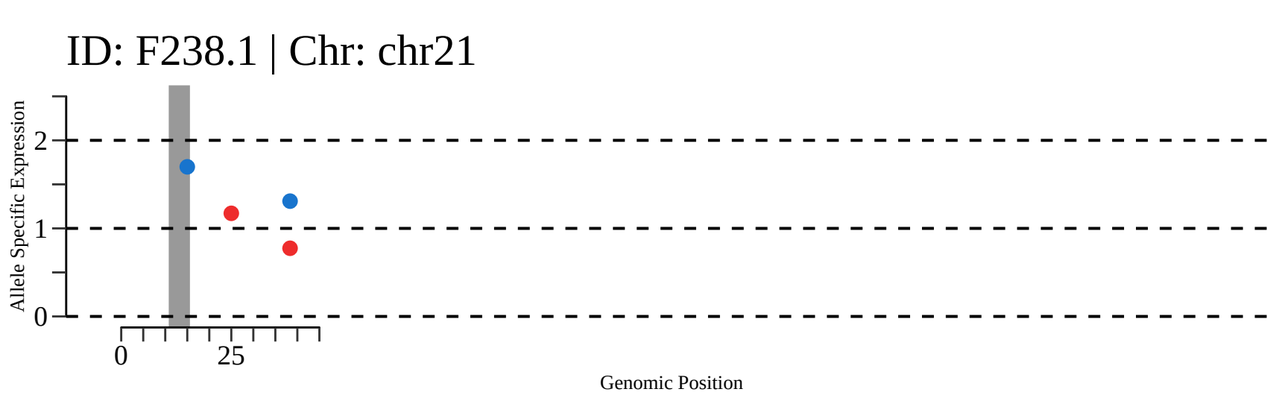

ID: F238.3 | Chr: chr10a
TPM Ratio to Normal
0
1
2
1
100
1000
4000
Avg Expression Level

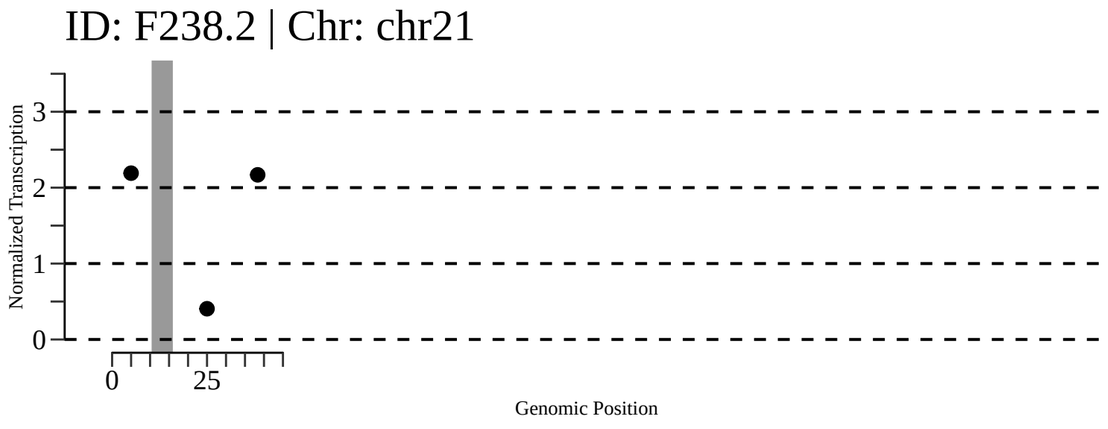

ID: F238.3 | Chr: chr10a
Sample Cumulative Sum
0
2000
4000
6000
8000
Control Cumulative Sum

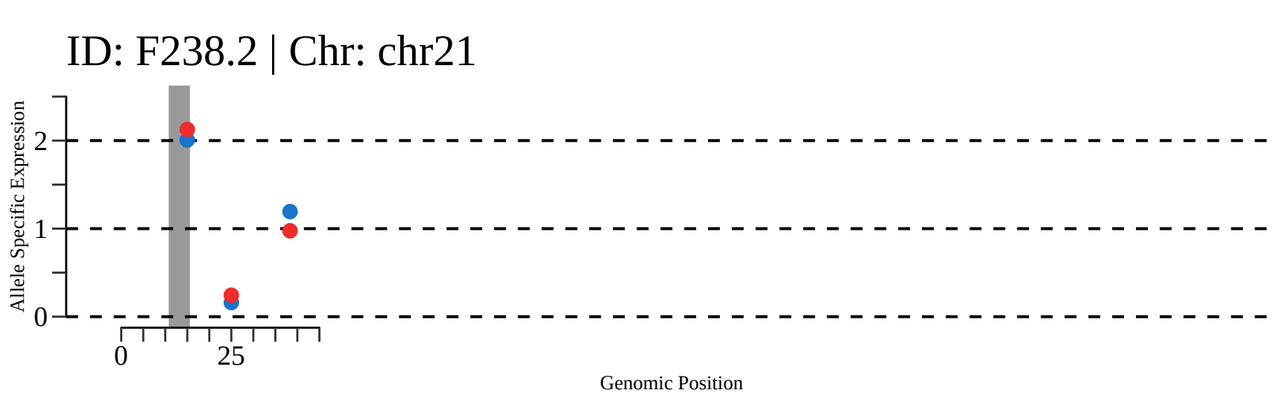

ID: F238.4 | Chr: chr10a
TPM Ratio to Normal
0
1
2
1
100
1000
4000
Avg Expression Level

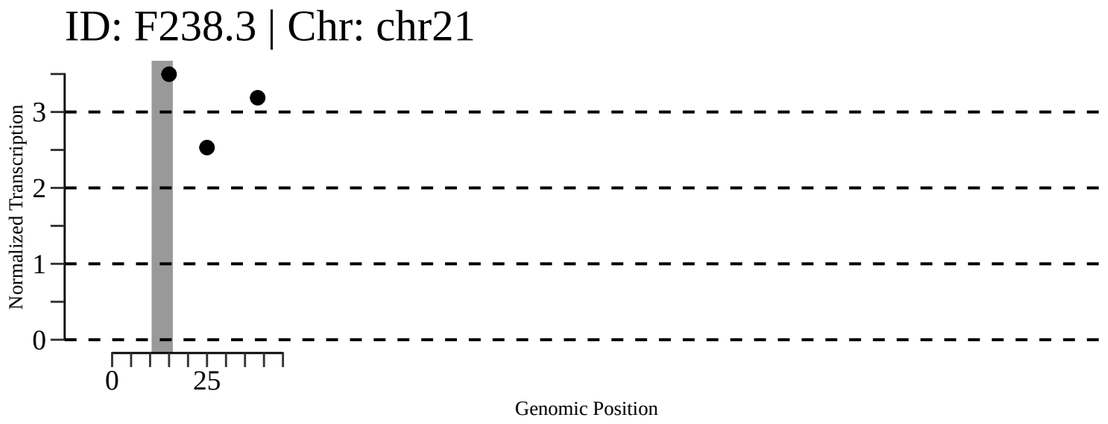

ID: F238.4 | Chr: chr10a
Sample Cumulative Sum
0
2000
4000
6000
8000
Control Cumulative Sum

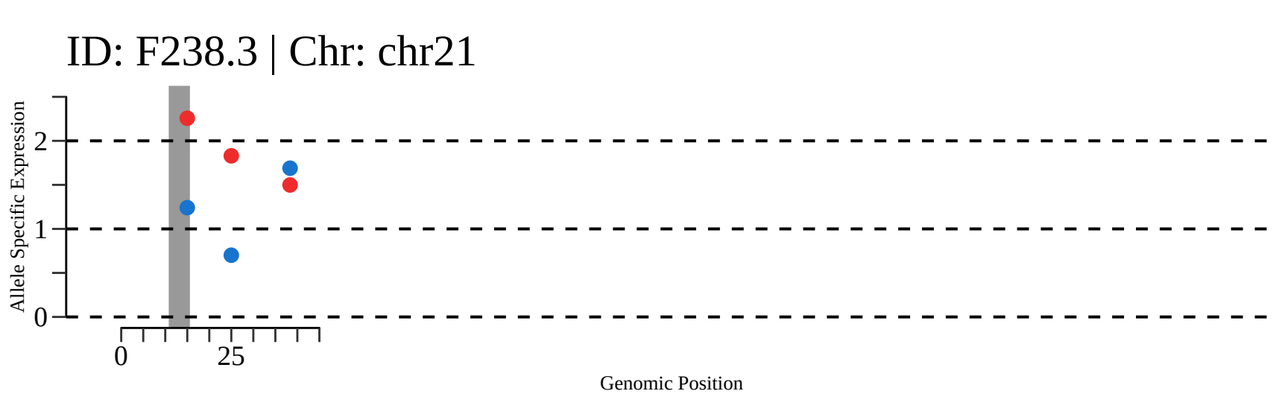

ID: F238.1 | Chr: chr21
Normalized Transcription
0
1
2
3
0
25
Genomic Position

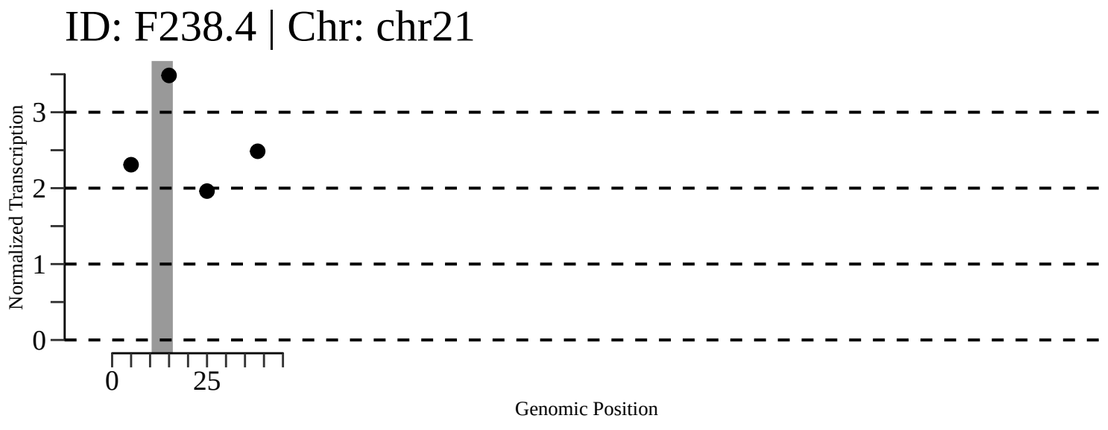

ID: F238.1 | Chr: chr21
Allele Specific Expression
0
1
2
0
25
Genomic Position

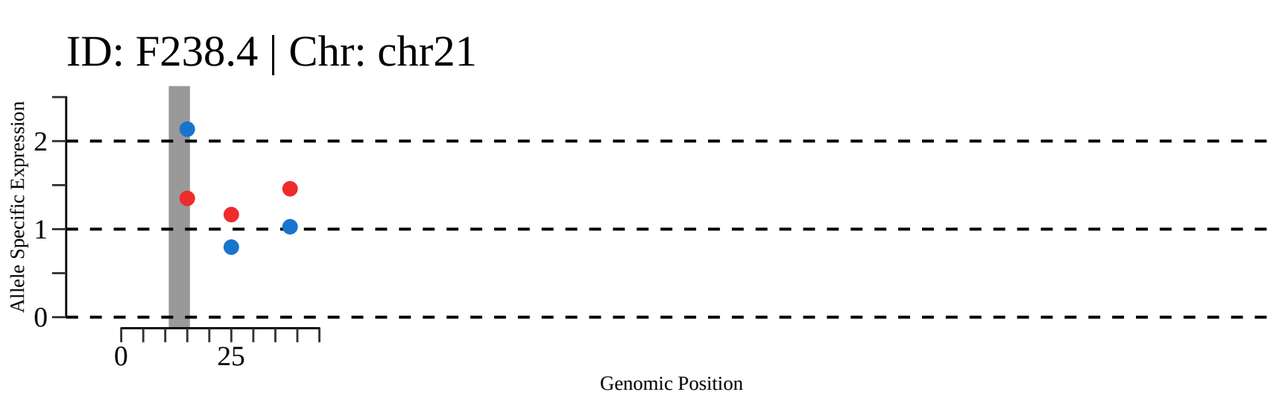

ID: F238.2 | Chr: chr21
Normalized Transcription
0
1
2
3
0
25
Genomic Position

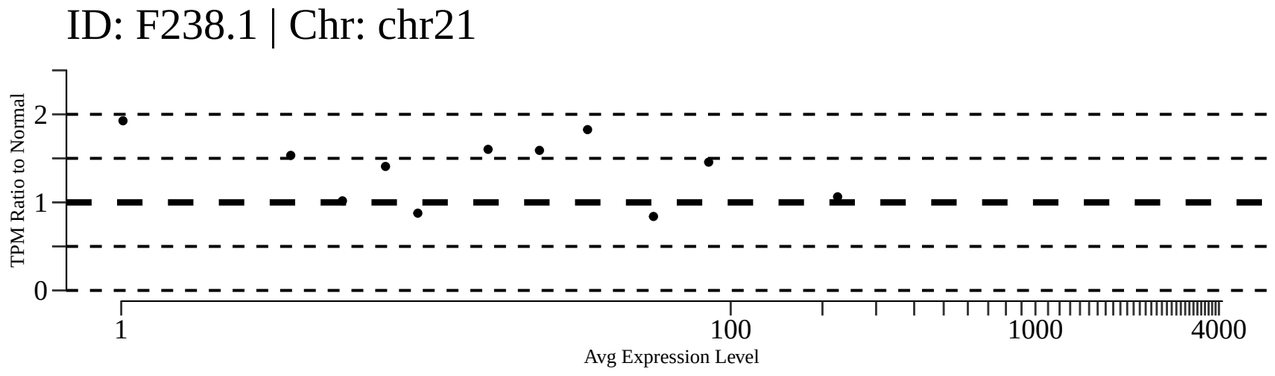

ID: F238.2 | Chr: chr21
Allele Specific Expression
0
1
2
0
25
Genomic Position

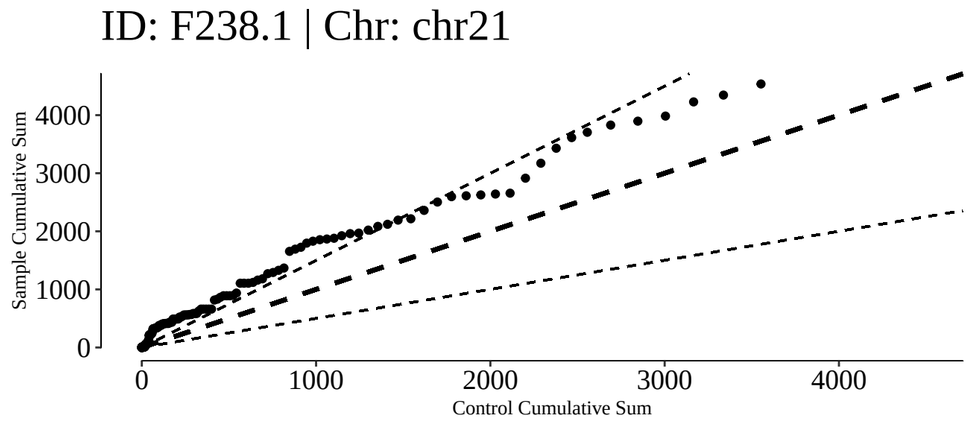

ID: F238.3 | Chr: chr21
Normalized Transcription
0
1
2
3
0
25
Genomic Position

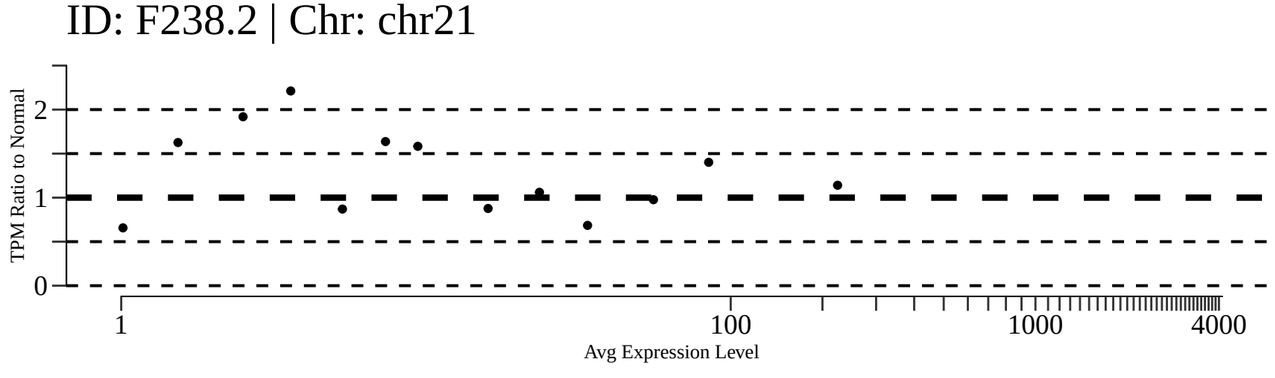

ID: F238.3 | Chr: chr21
Allele Specific Expression
0
1
2
0
25
Genomic Position

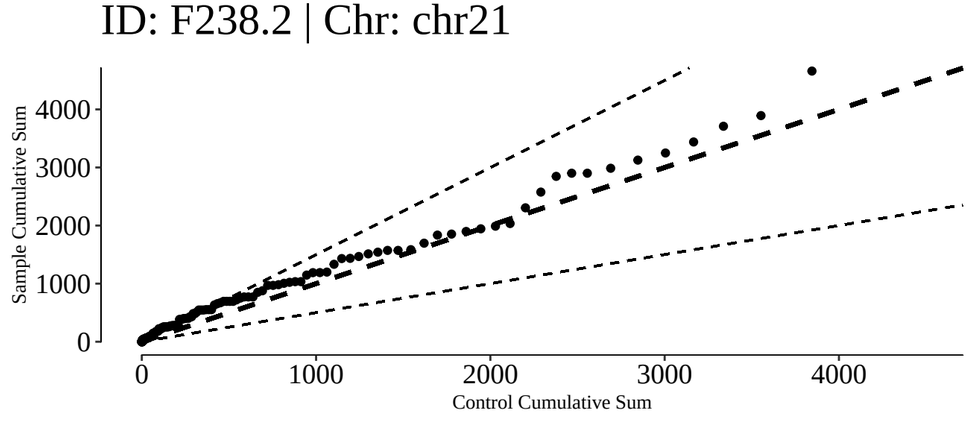

ID: F238.4 | Chr: chr21
Normalized Transcription
0
1
2
3
0
25
Genomic Position

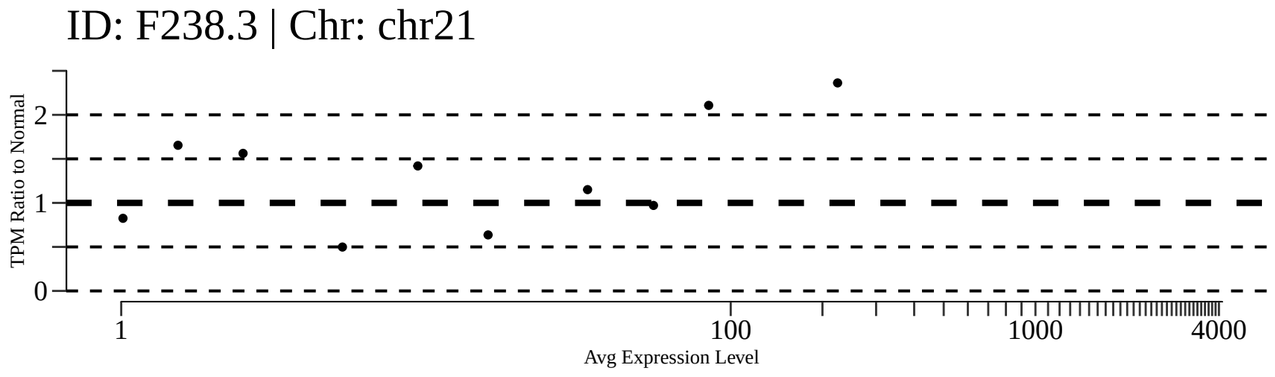

ID: F238.4 | Chr: chr21
Allele Specific Expression
0
1
2
0
25
Genomic Position

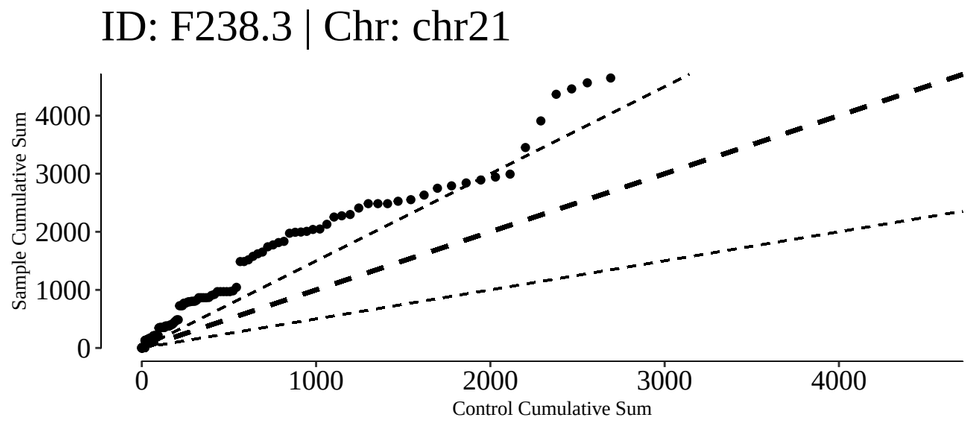

ID: F238.1 | Chr: chr21
TPM Ratio to Normal
0
1
2
1
100
1000
4000
Avg Expression Level

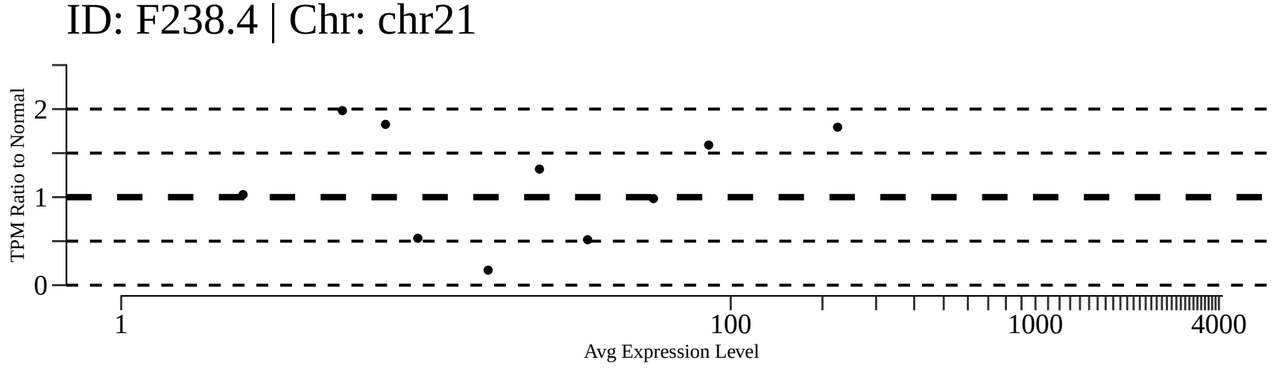

ID: F238.1 | Chr: chr21
Sample Cumulative Sum
0
1000
2000
3000
4000
0
1000
2000
3000
4000
Control Cumulative Sum

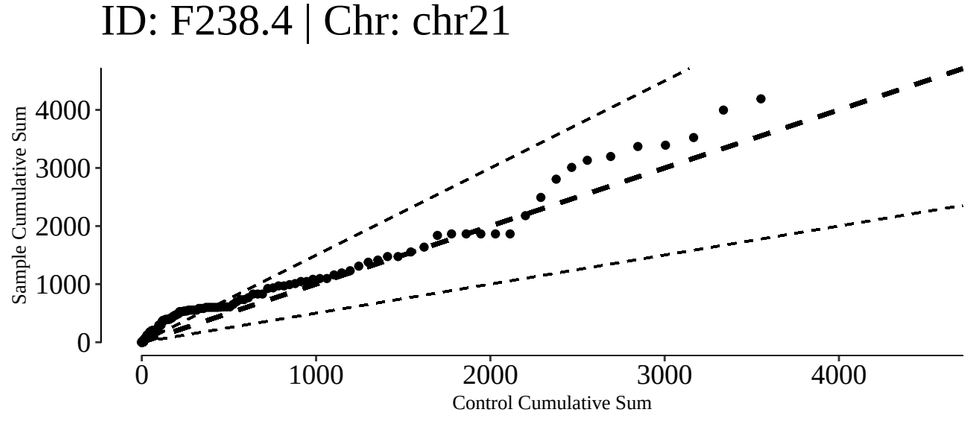

ID: F238.2 | Chr: chr21
TPM Ratio to Normal
0
1
2
1
100
1000
4000
Avg Expression Level


ID: F238.2 | Chr: chr21
Sample Cumulative Sum
0
1000
2000
3000
4000
0
1000
2000
3000
4000
Control Cumulative Sum


ID: F238.3 | Chr: chr21
TPM Ratio to Normal
0
1
2
1
100
1000
4000
Avg Expression Level


ID: F238.3 | Chr: chr21
Sample Cumulative Sum
0
1000
2000
3000
4000
0
1000
2000
3000
4000
Control Cumulative Sum


ID: F238.4 | Chr: chr21
TPM Ratio to Normal
0
1
2
1
100
1000
4000
Avg Expression Level


ID: F238.4 | Chr: chr21
Sample Cumulative Sum
0
1000
2000
3000
4000
0
1000
2000
3000
4000
Control Cumulative Sum