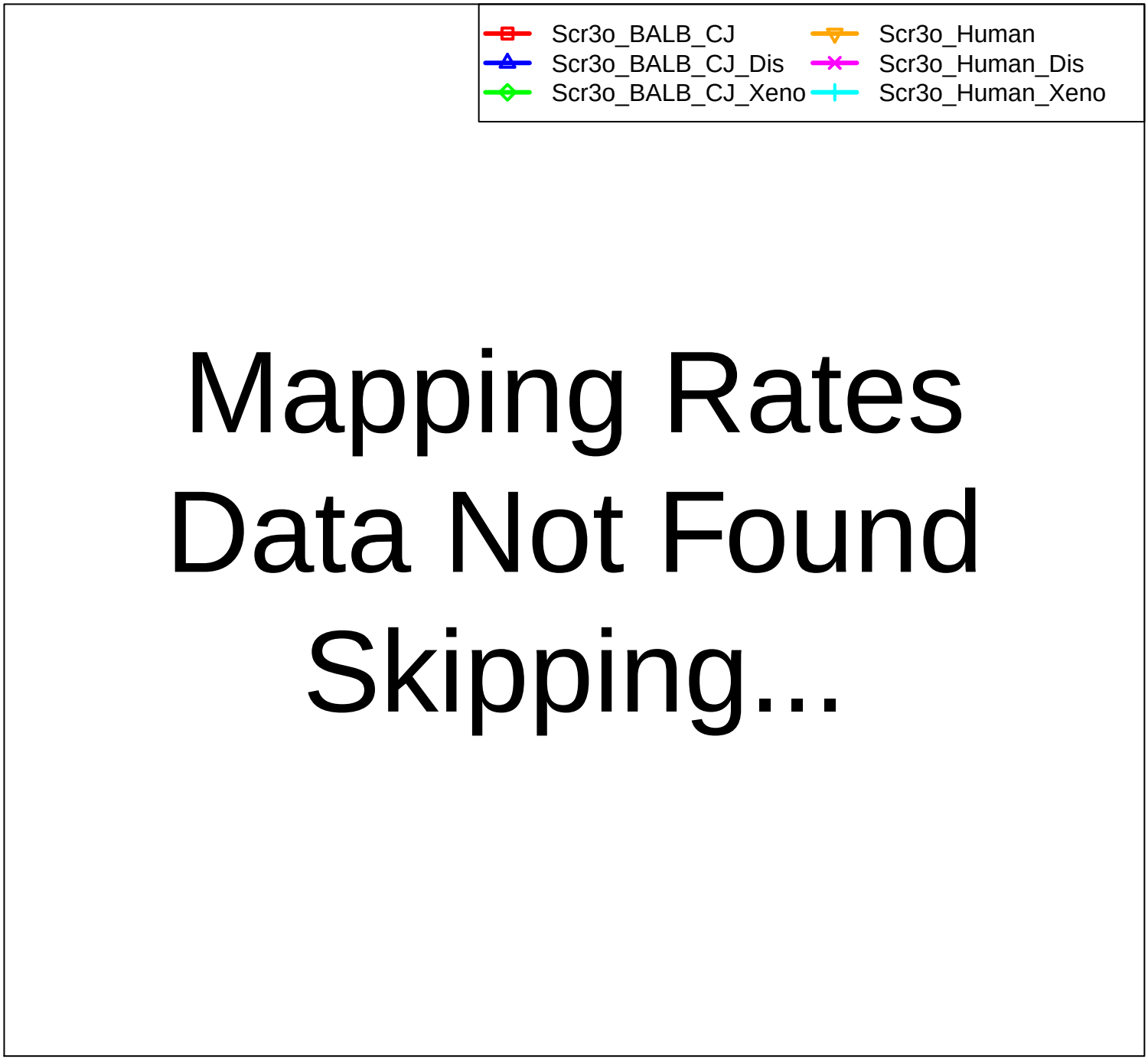
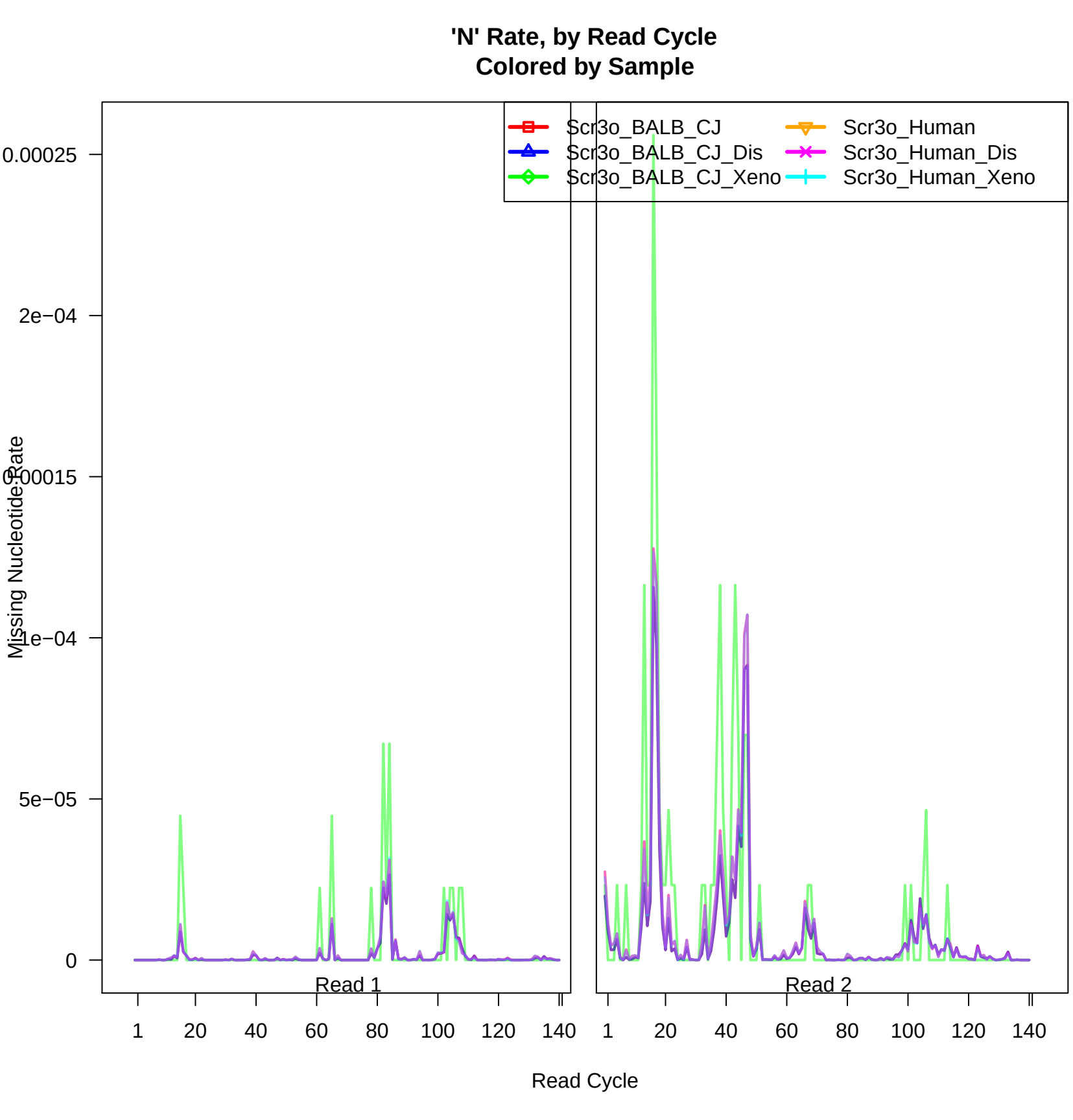
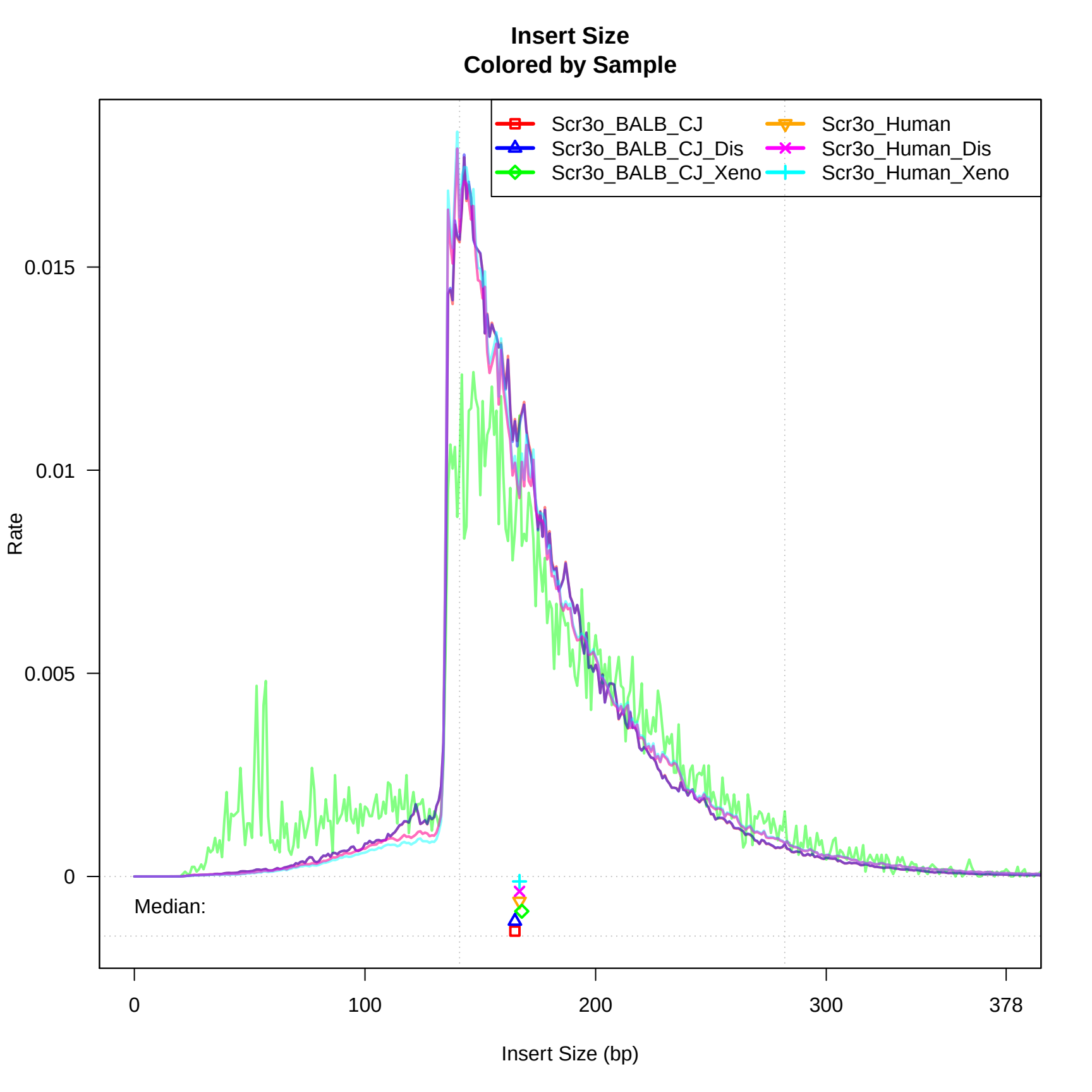
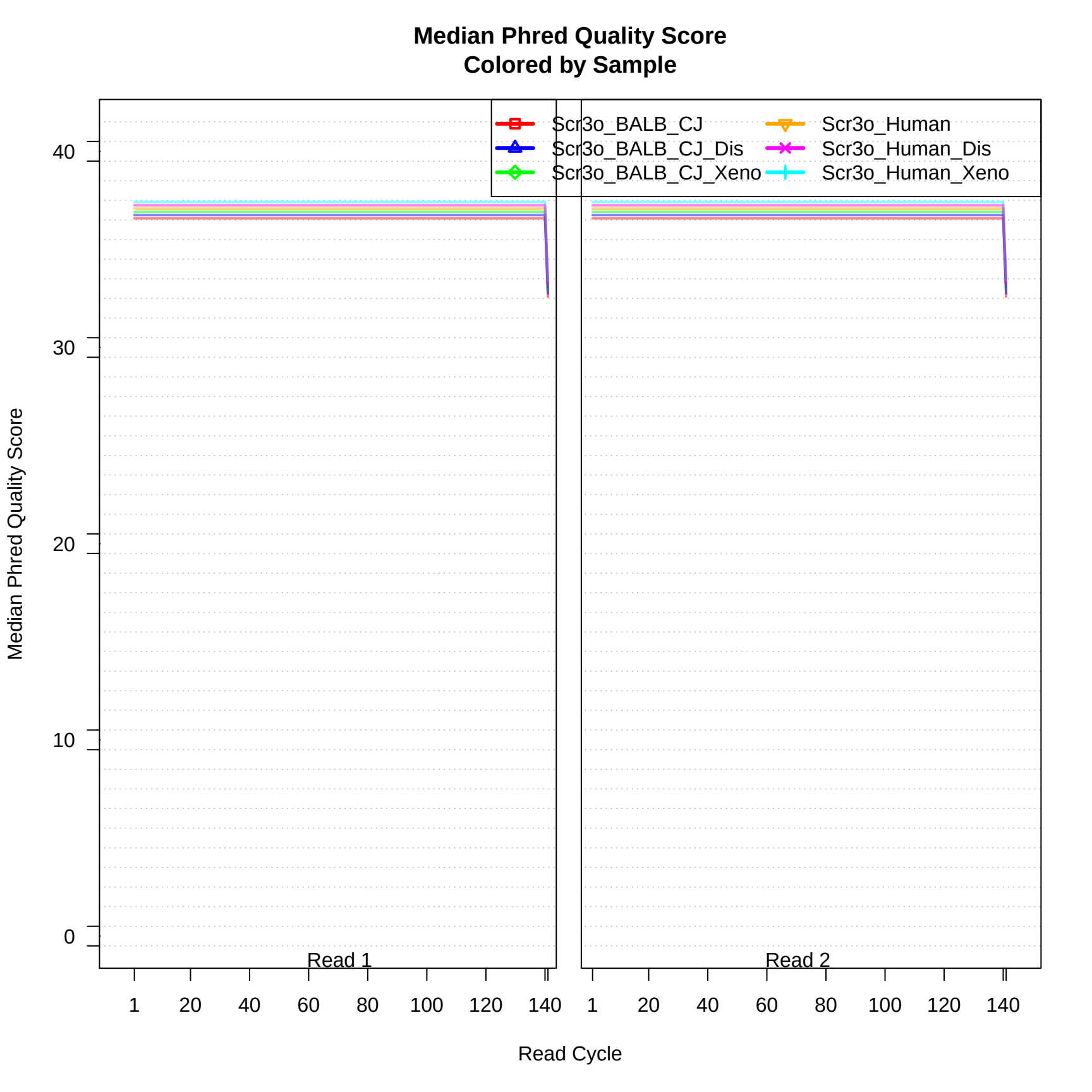
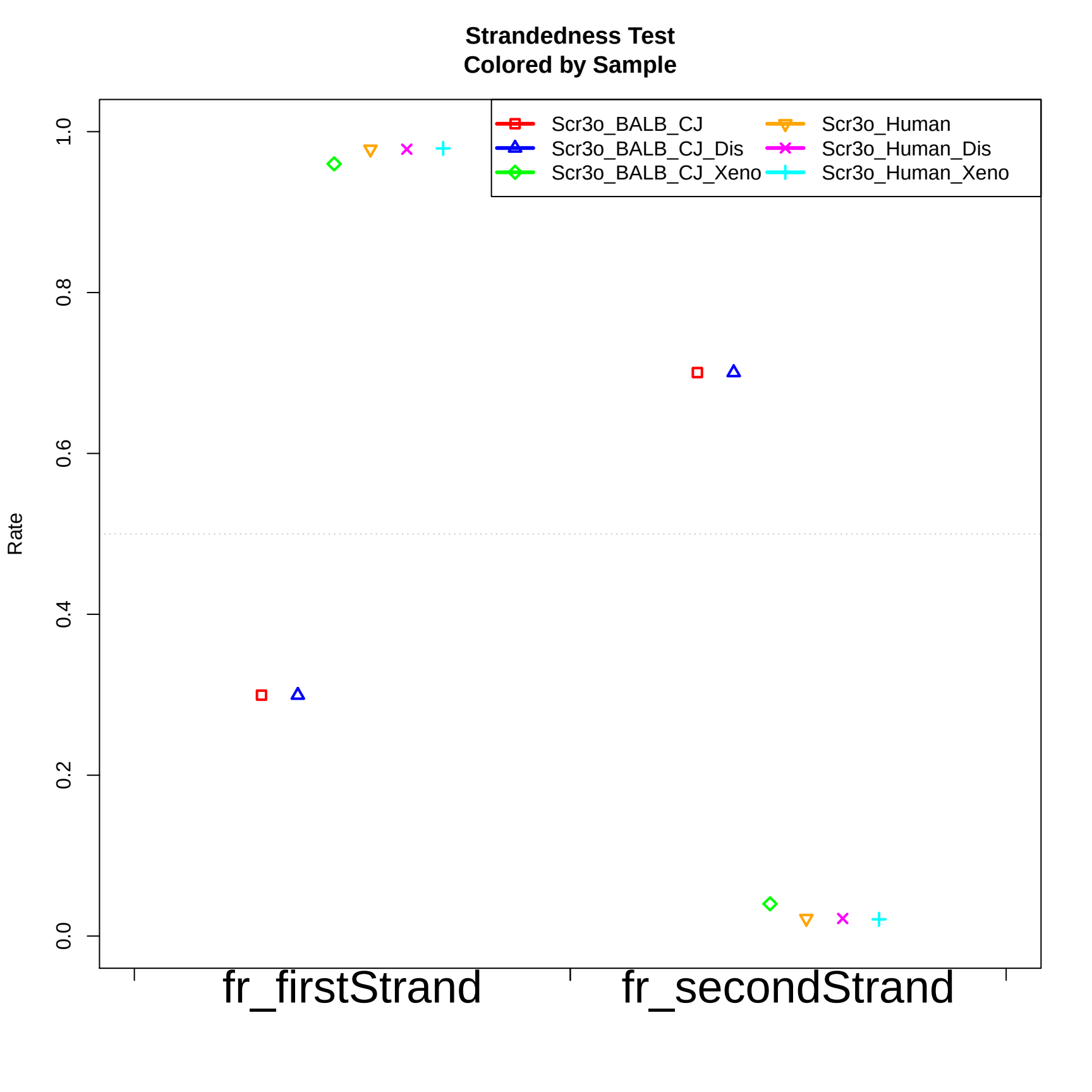
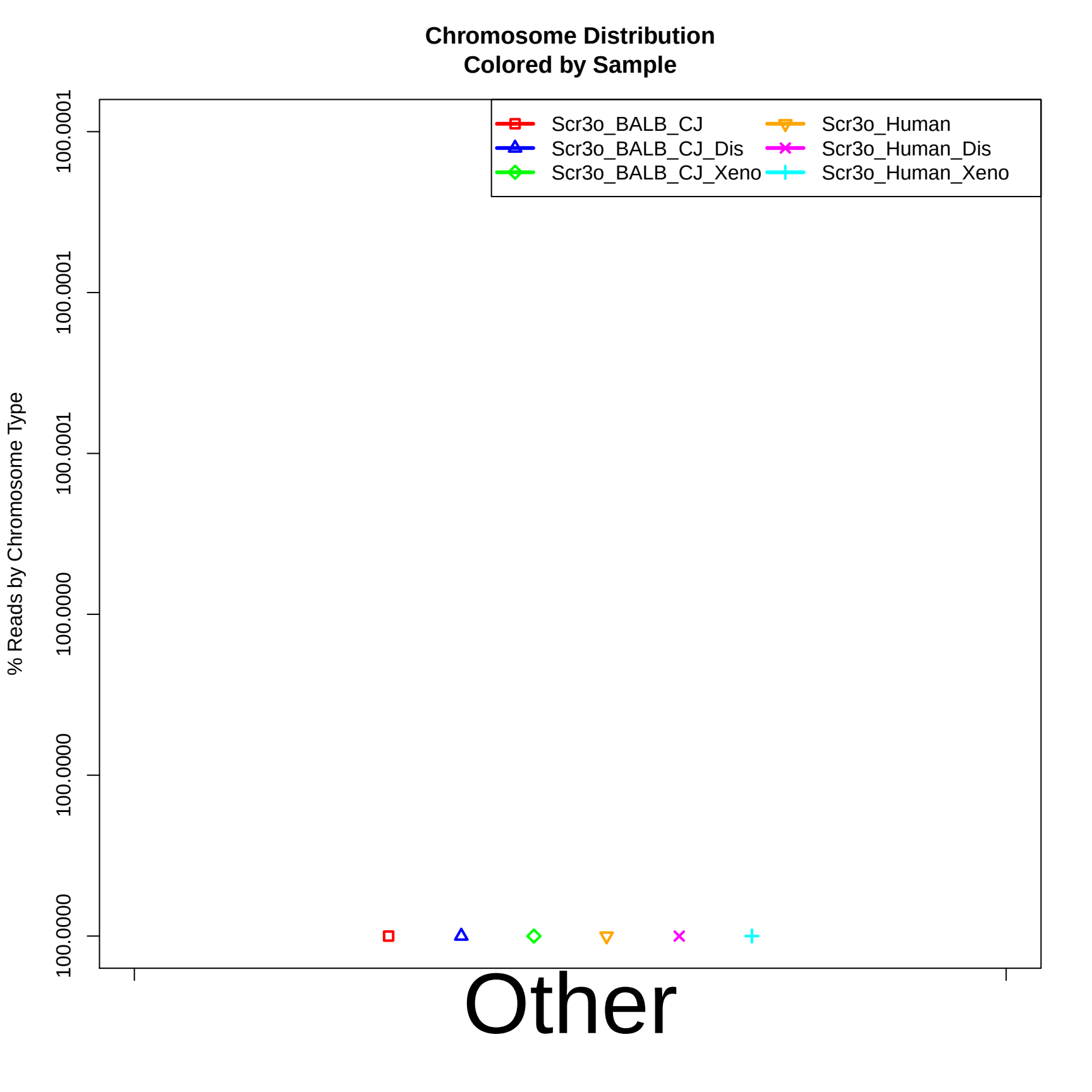

Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Mapping Rates Data Not Found Skipping...

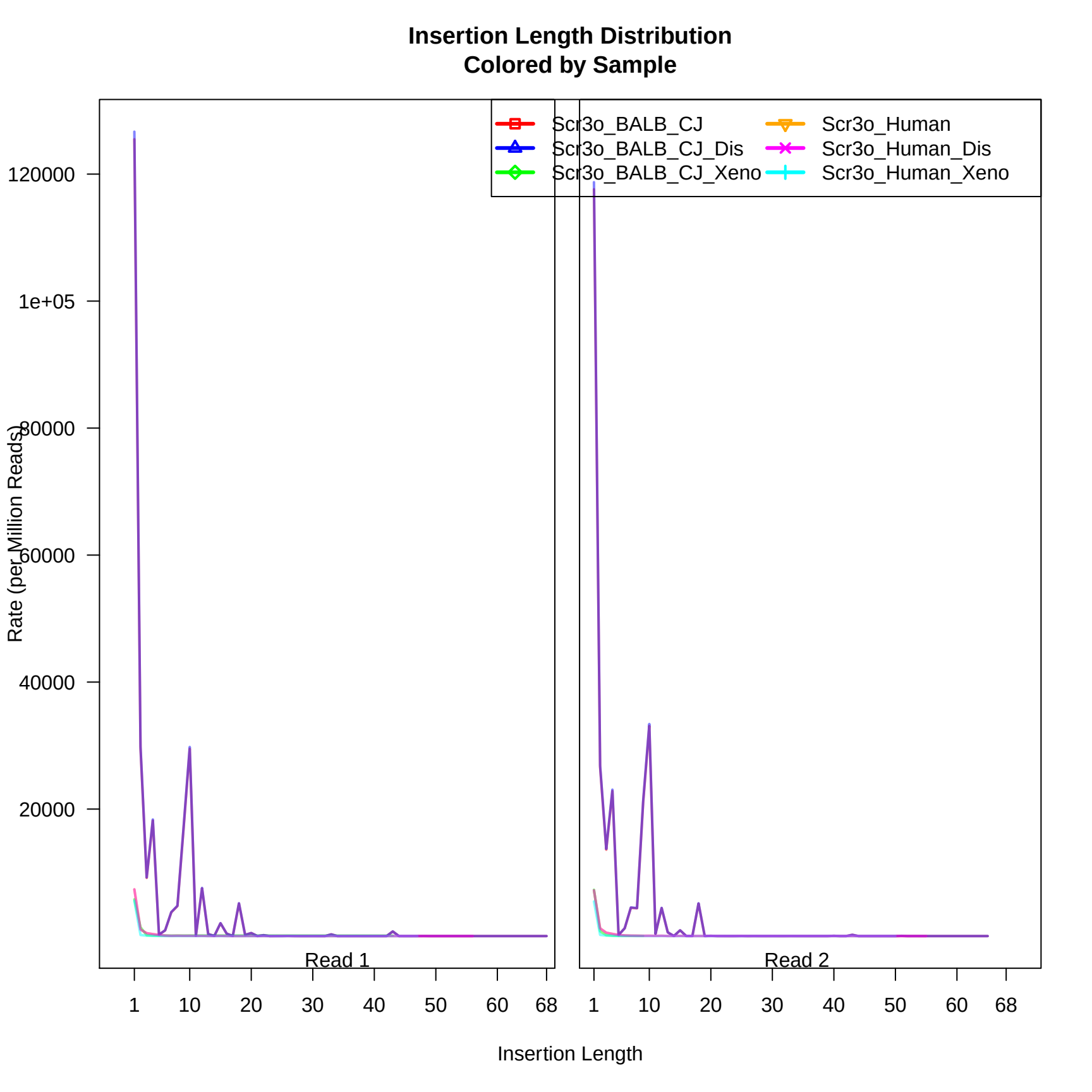

'N' Rate, by Read Cycle
Colored by Sample
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
0.00025
2e−04
0.00015
1e−04
5e−05
0
Missing Nucleotide Rate
Read 1
Read 2
1
20
40
60
80
100
120
140
Read Cycle

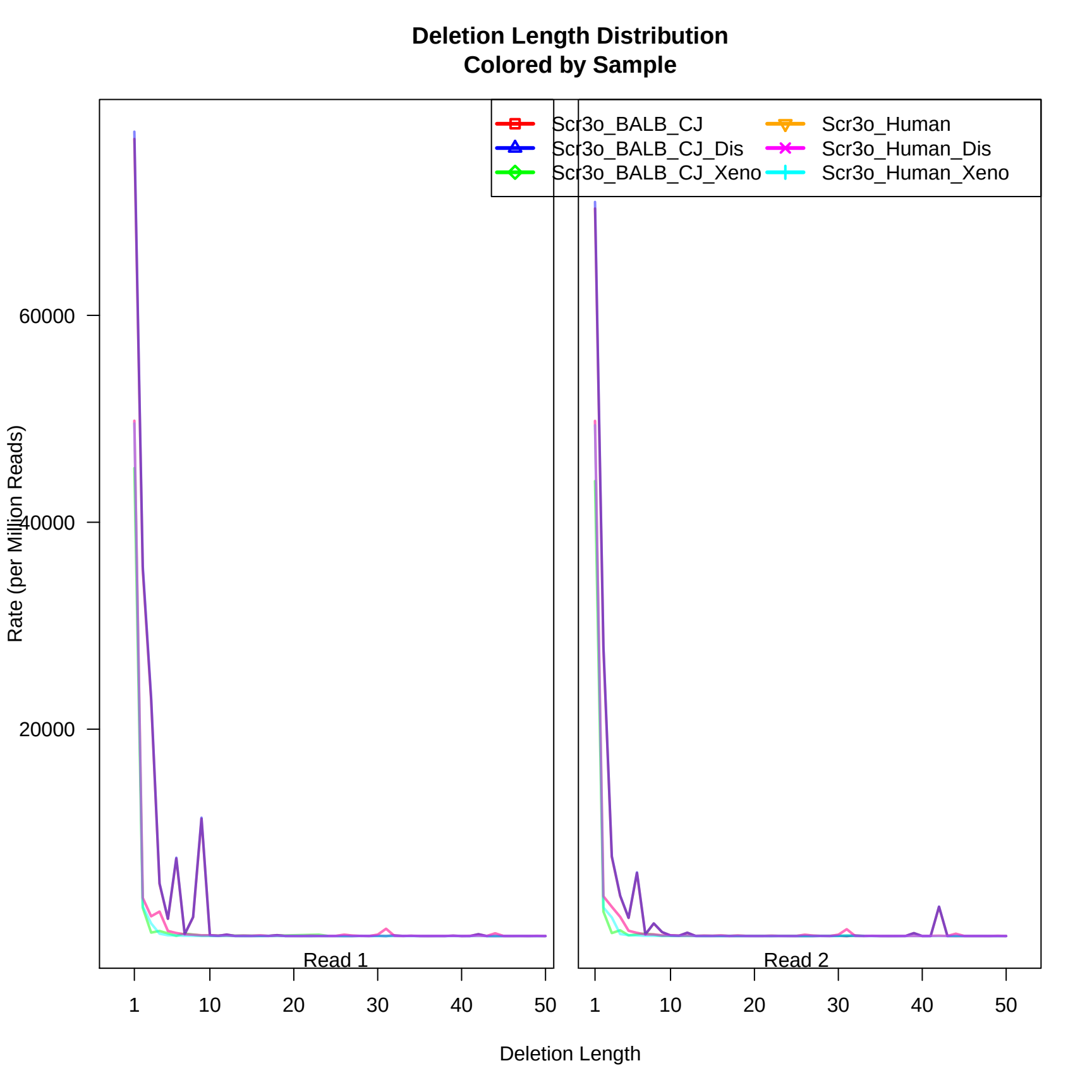

Insert Size
Colored by Sample
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
0.015
0.01
0.005
0
Rate
Median:
0
100
200
300
378
Insert Size (bp)

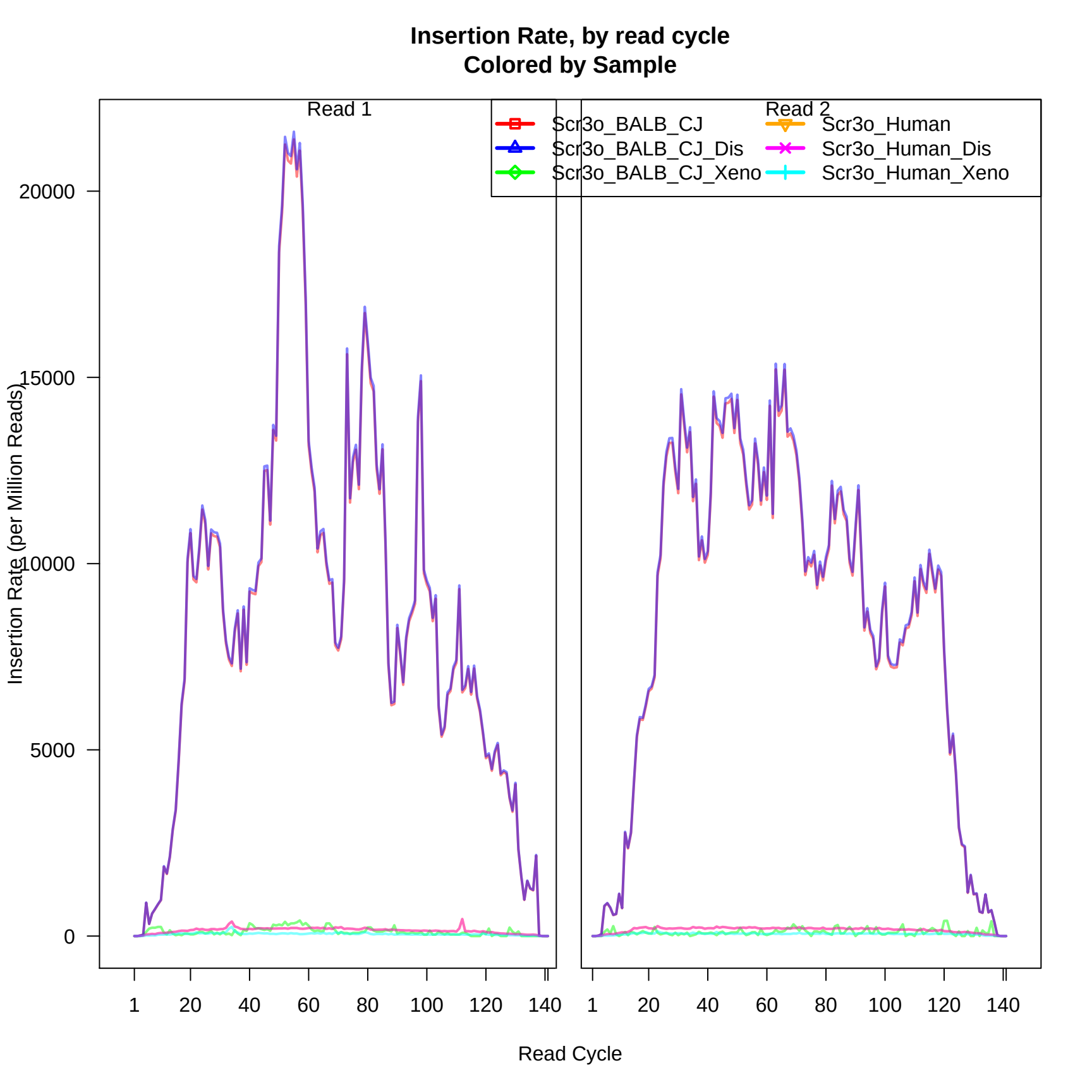

Median Phred Quality Score
Colored by Sample
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Median Phred Quality Score
40
30
20
10
0
Read 1
Read 2
1
20
40
60
80
100
120
140
Read Cycle

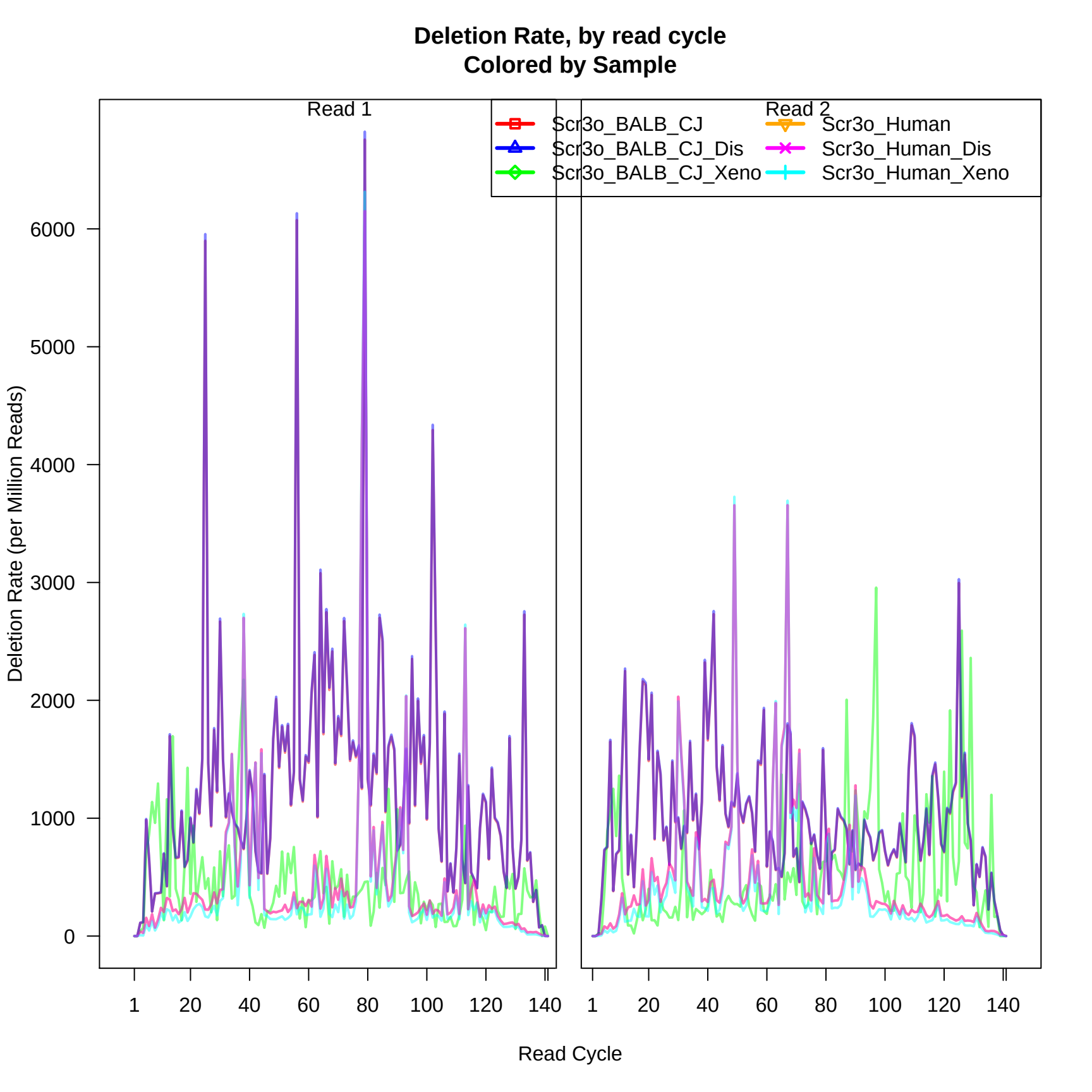

Strandedness Test
Colored by Sample
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Rate
1.0
0.8
0.6
0.4
0.2
0.0
fr_firstStrand
fr_secondStrand

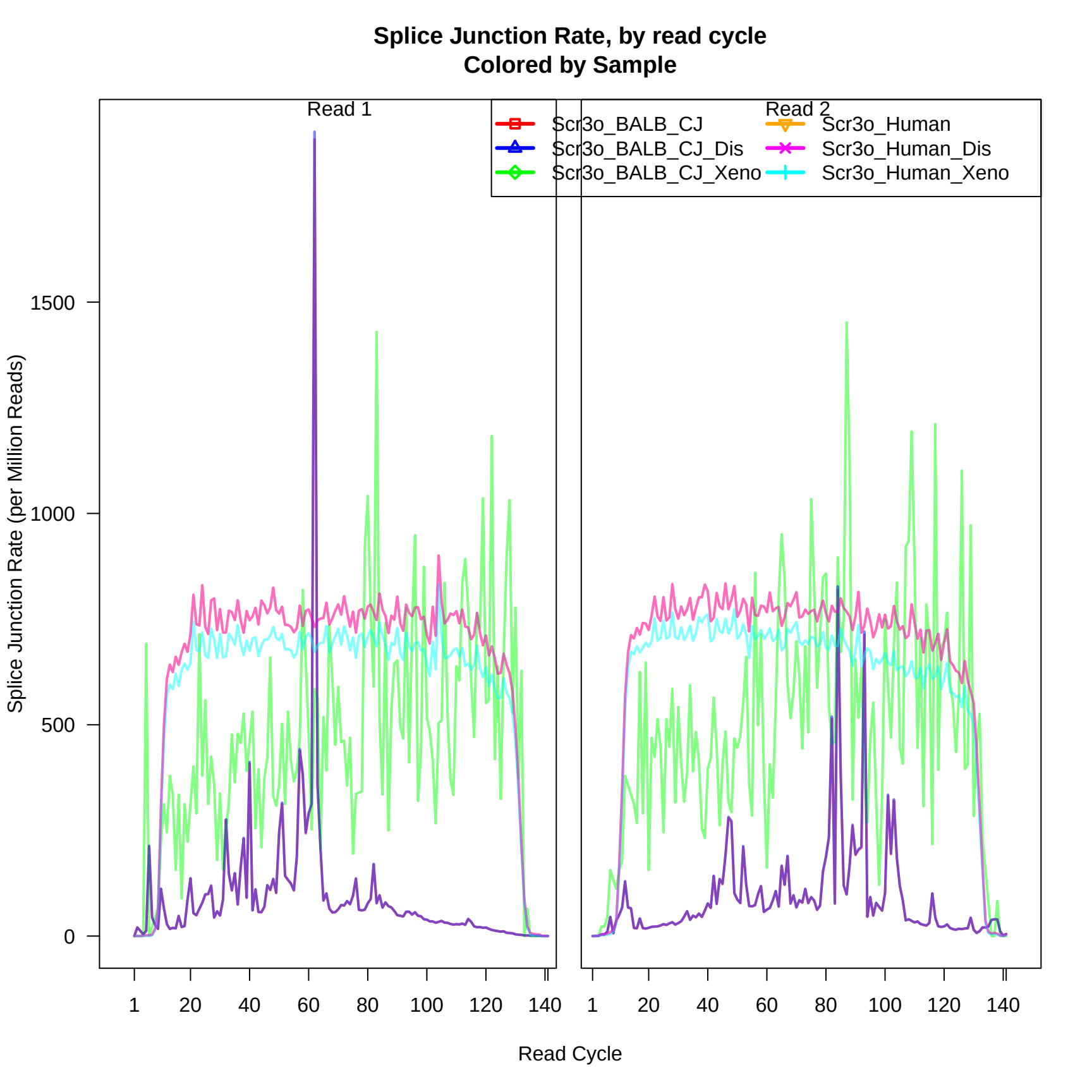

Chromosome Distribution
Colored by Sample
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
% Reads by Chromosome Type
100.0001
100.0001
100.0001
100.0000
100.0000
100.0000
Other

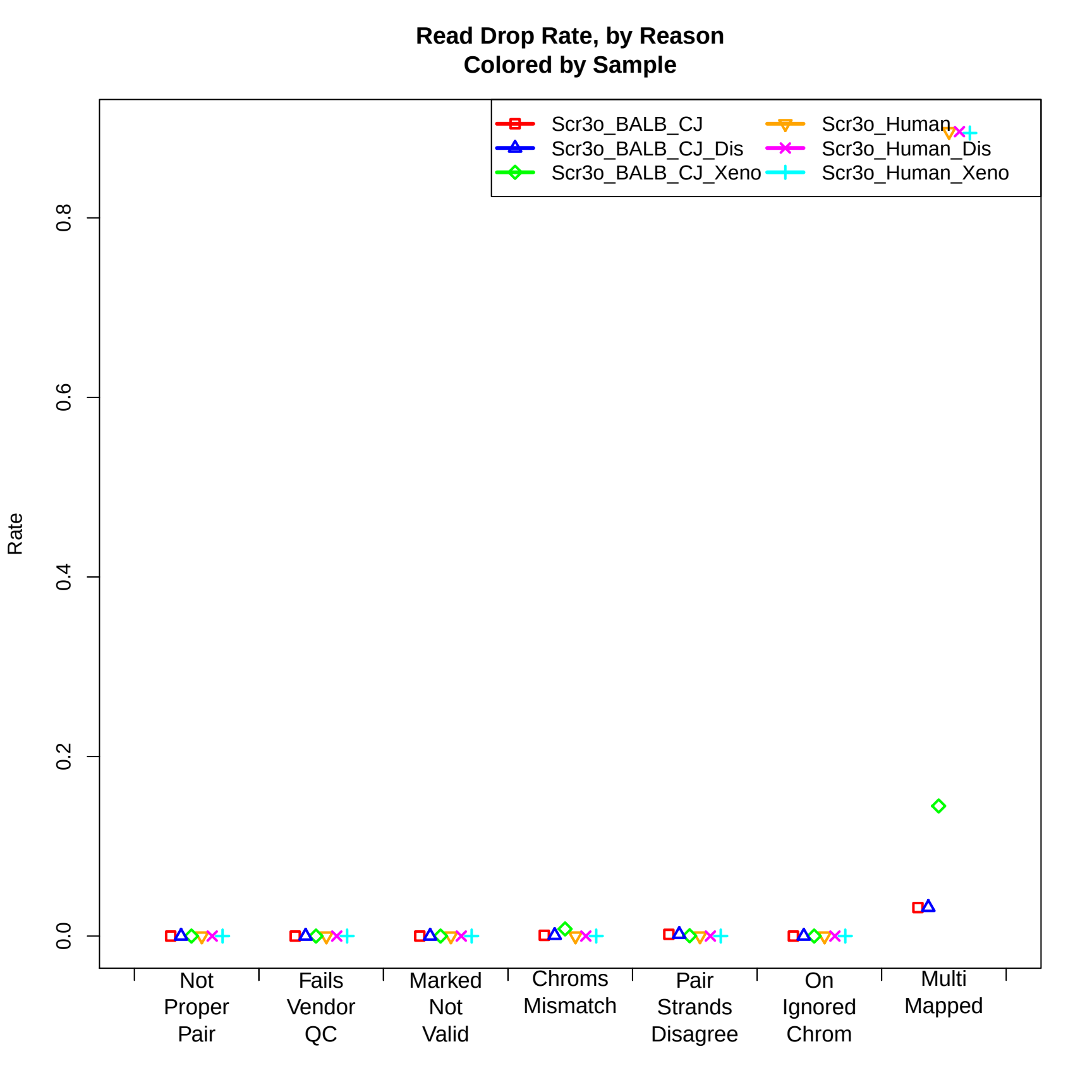

Insertion Length Distribution
Colored by Sample
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Rate (per Million Reads)
120000
1e+05
80000
60000
40000
20000
Read 1
Read 2
1
10
20
30
40
50
60
68
Insertion Length

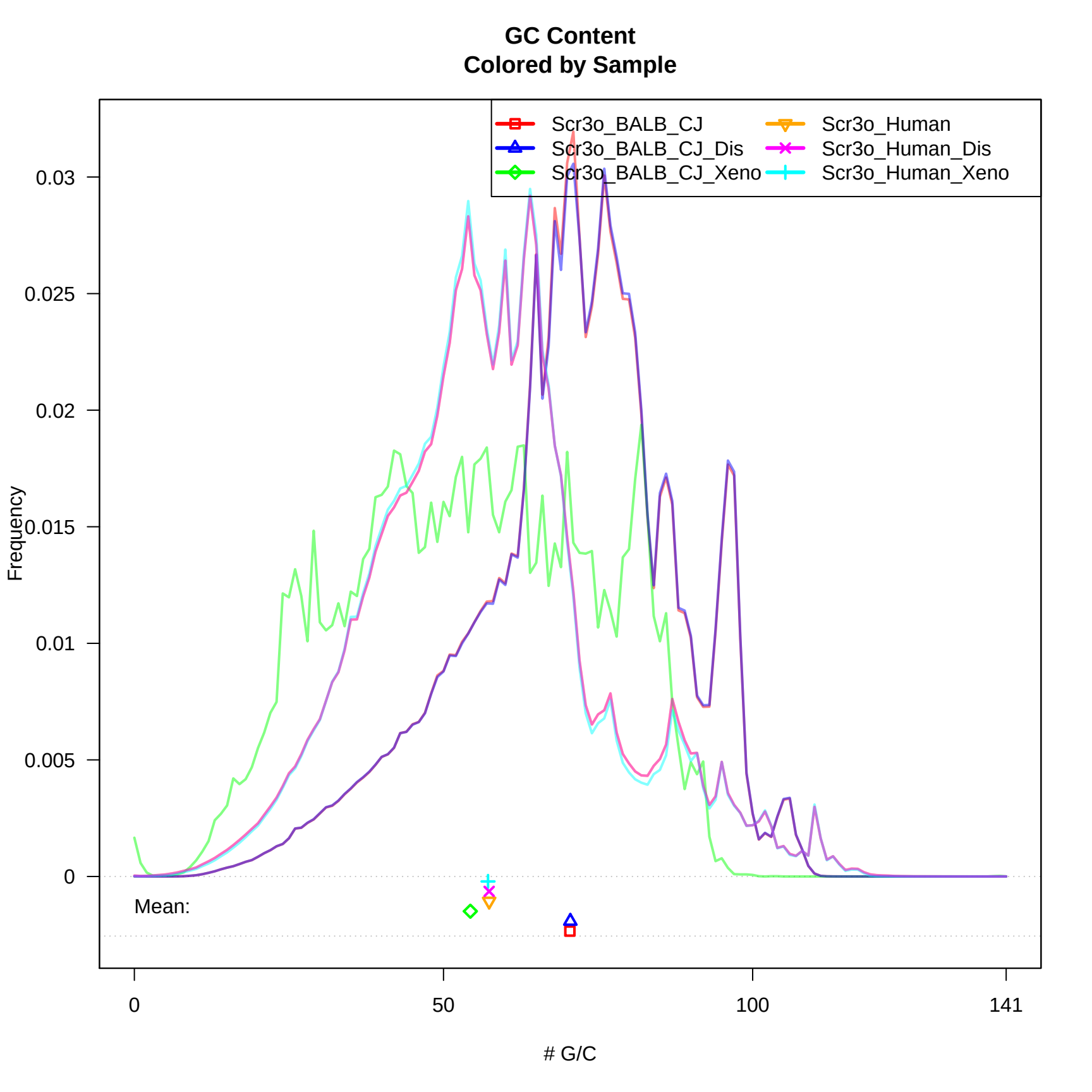

Deletion Length Distribution
Colored by Sample
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Rate (per Million Reads)
60000
40000
20000
Read 1
Read 2
1
10
20
30
40
50
Deletion Length

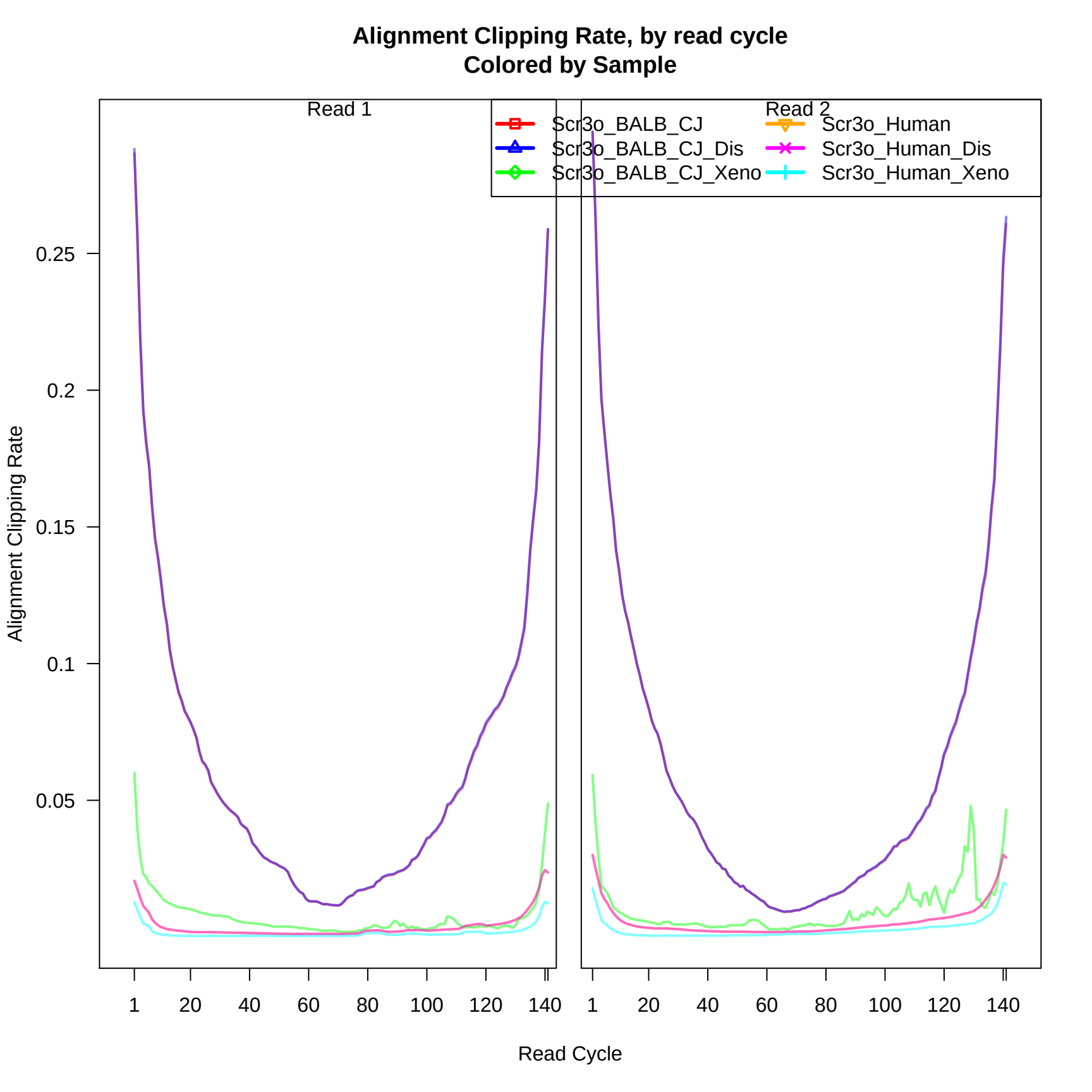

Insertion Rate, by read cycle
Colored by Sample
Read 1
Read 2
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Insertion Rate (per Million Reads)
20000
15000
10000
5000
0
1
20
40
60
80
100
120
140
Read Cycle

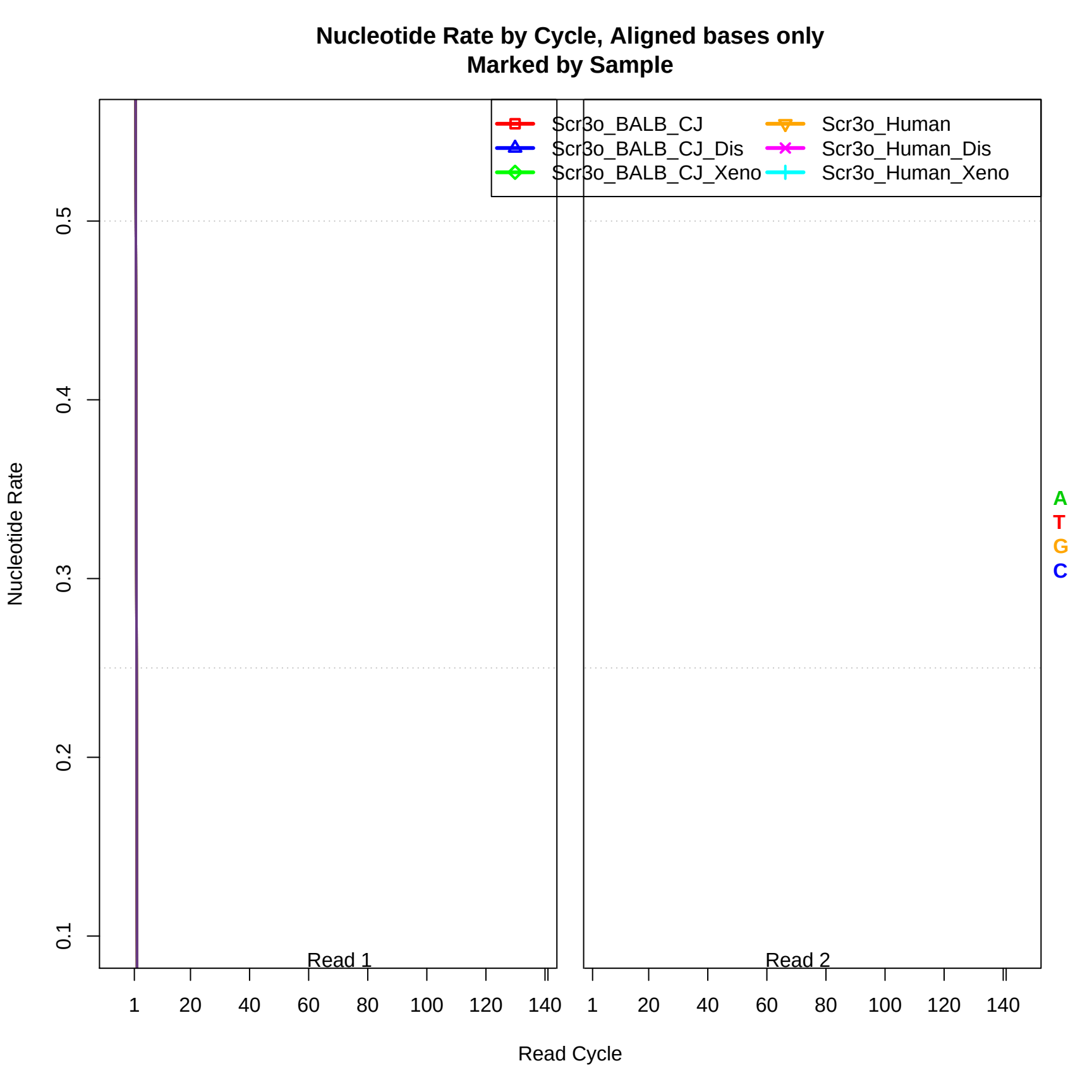

Deletion Rate, by read cycle
Colored by Sample
Read 1
Read 2
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Deletion Rate (per Million Reads)
0
1000
2000
3000
4000
5000
6000
1
20
40
60
80
100
120
140
Read Cycle

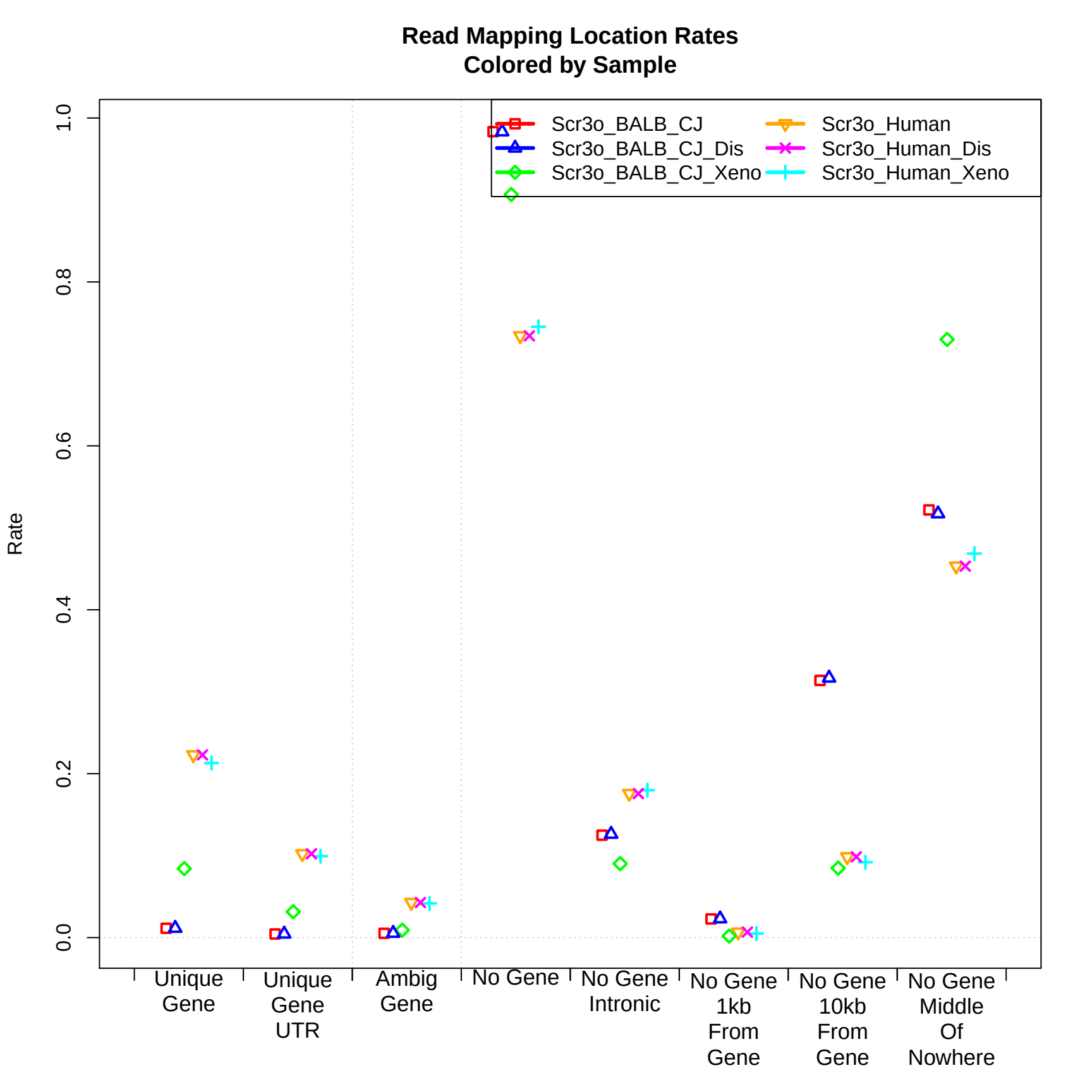

Splice Junction Rate, by read cycle
Colored by Sample
Read 1
Read 2
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Splice Junction Rate (per Million Reads)
0
500
1000
1500
1
20
40
60
80
100
120
140
Read Cycle

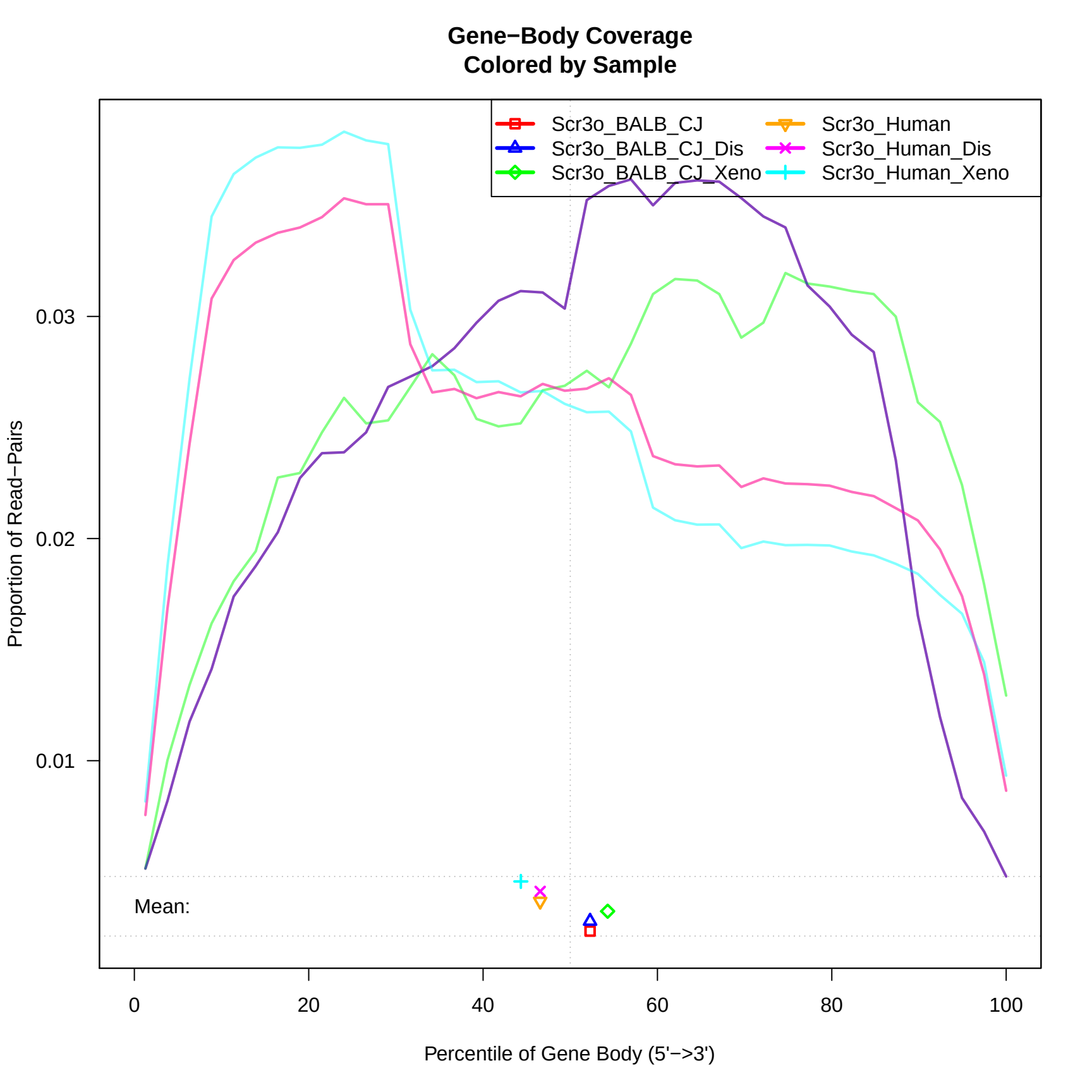

Read Drop Rate, by Reason
Colored by Sample
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Rate
0.0
0.2
0.4
0.6
0.8
Not Proper Pair
Fails Vendor QC
Marked Not Valid
Chroms Mismatch
Pair Strands Disagree
On Ignored Chrom
Multi Mapped

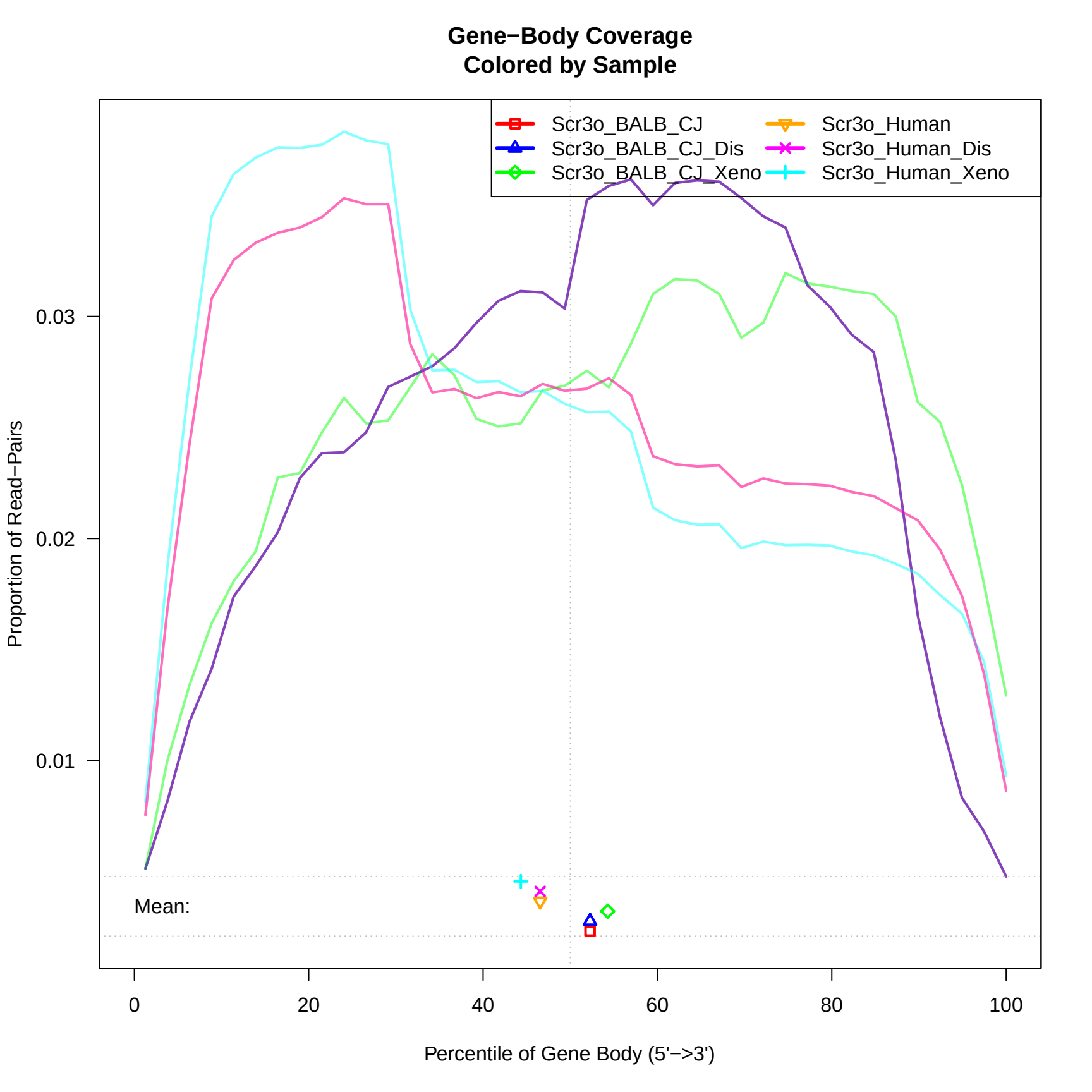

GC Content
Colored by Sample
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Frequency
0.03
0.025
0.02
0.015
0.01
0.005
0
Mean:
0
50
100
141
G/C

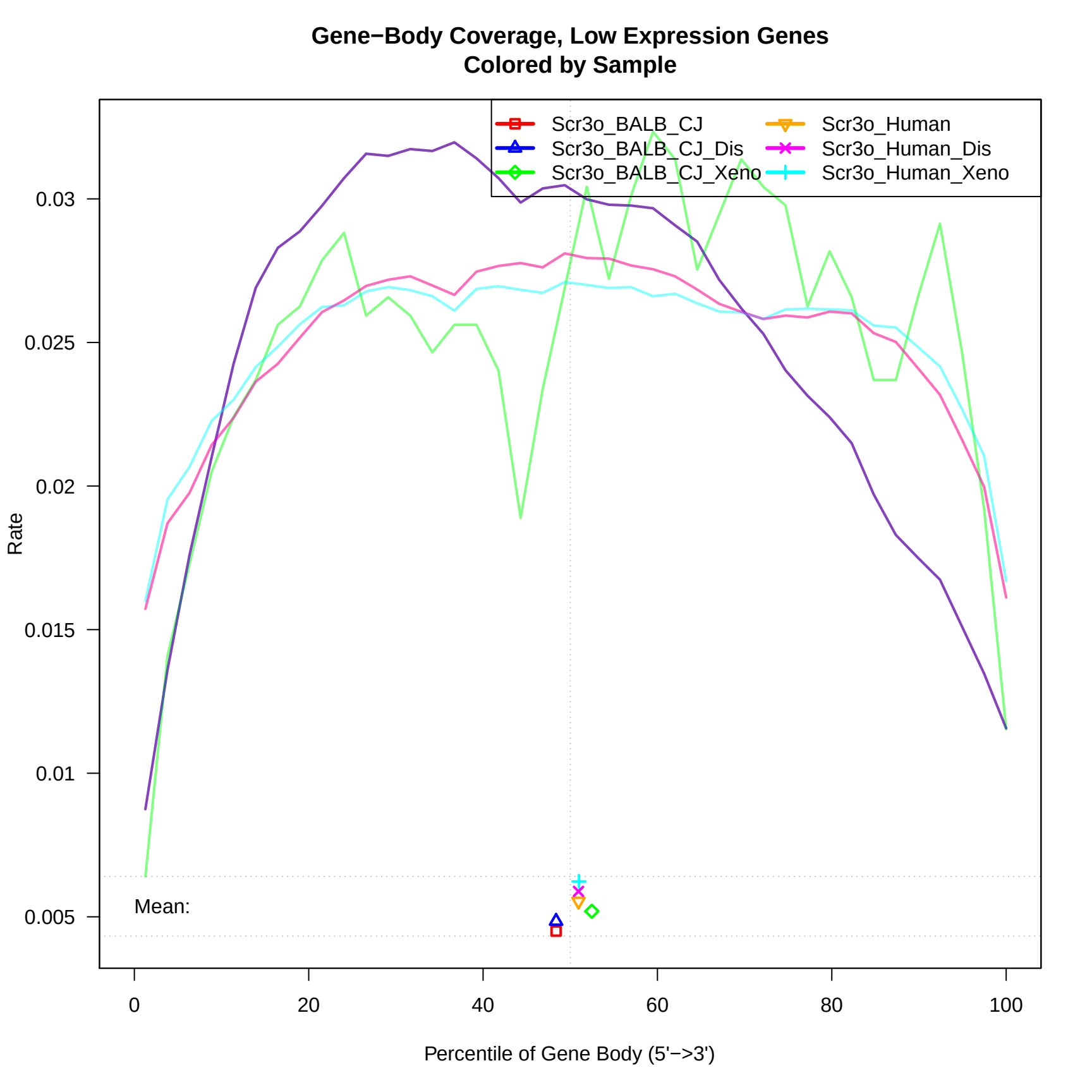

Alignment Clipping Rate, by read cycle
Colored by Sample
Read 1
Read 2
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Alignment Clipping Rate
0.25
0.2
0.15
0.1
0.05
1
20
40
60
80
100
120
140
Read Cycle

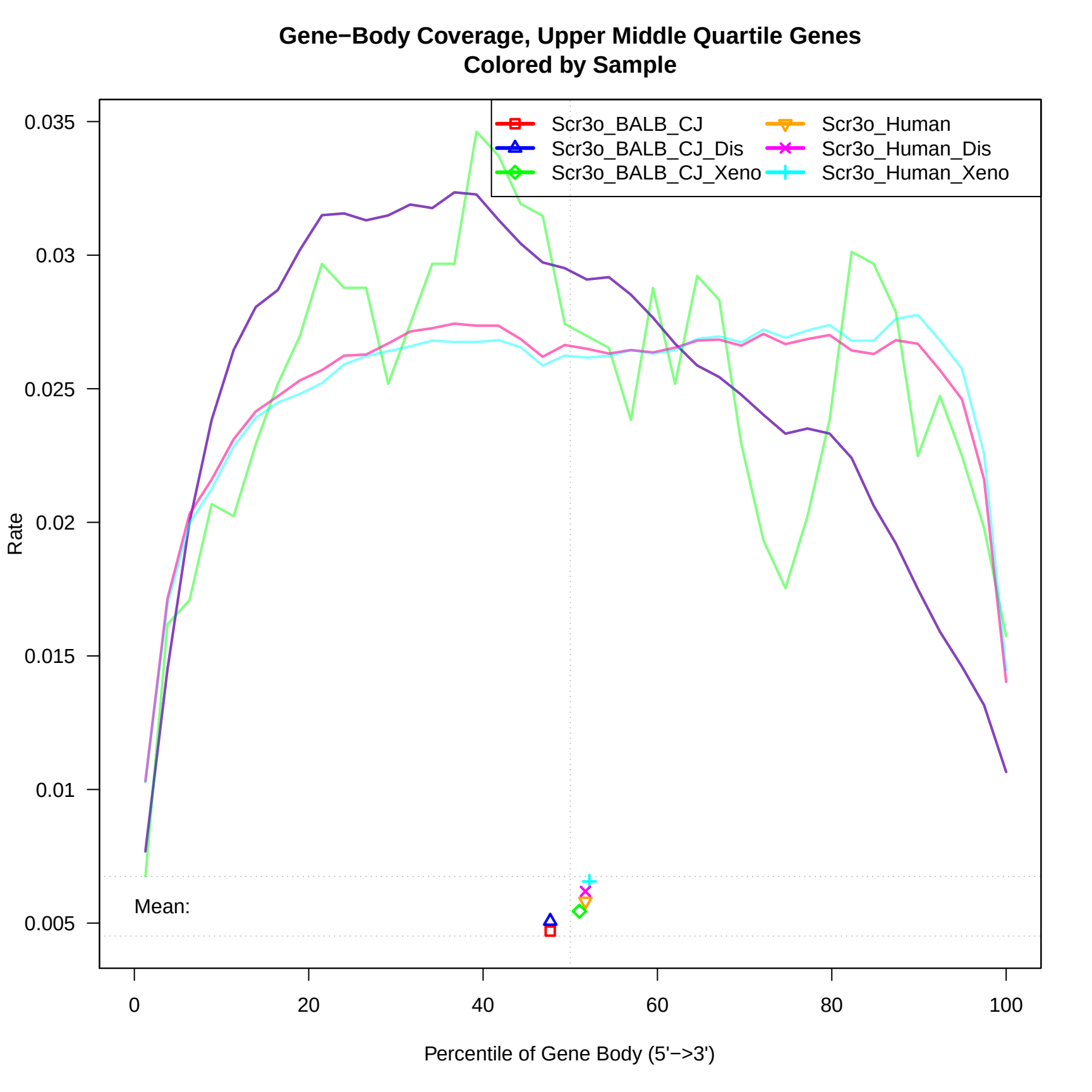

Nucleotide Rate by Cycle, Aligned bases only
Marked by Sample
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Nucleotide Rate
0.1
0.2
0.3
0.4
0.5
A
T
G
C
Read 1
Read 2
1
20
40
60
80
100
120
140
Read Cycle

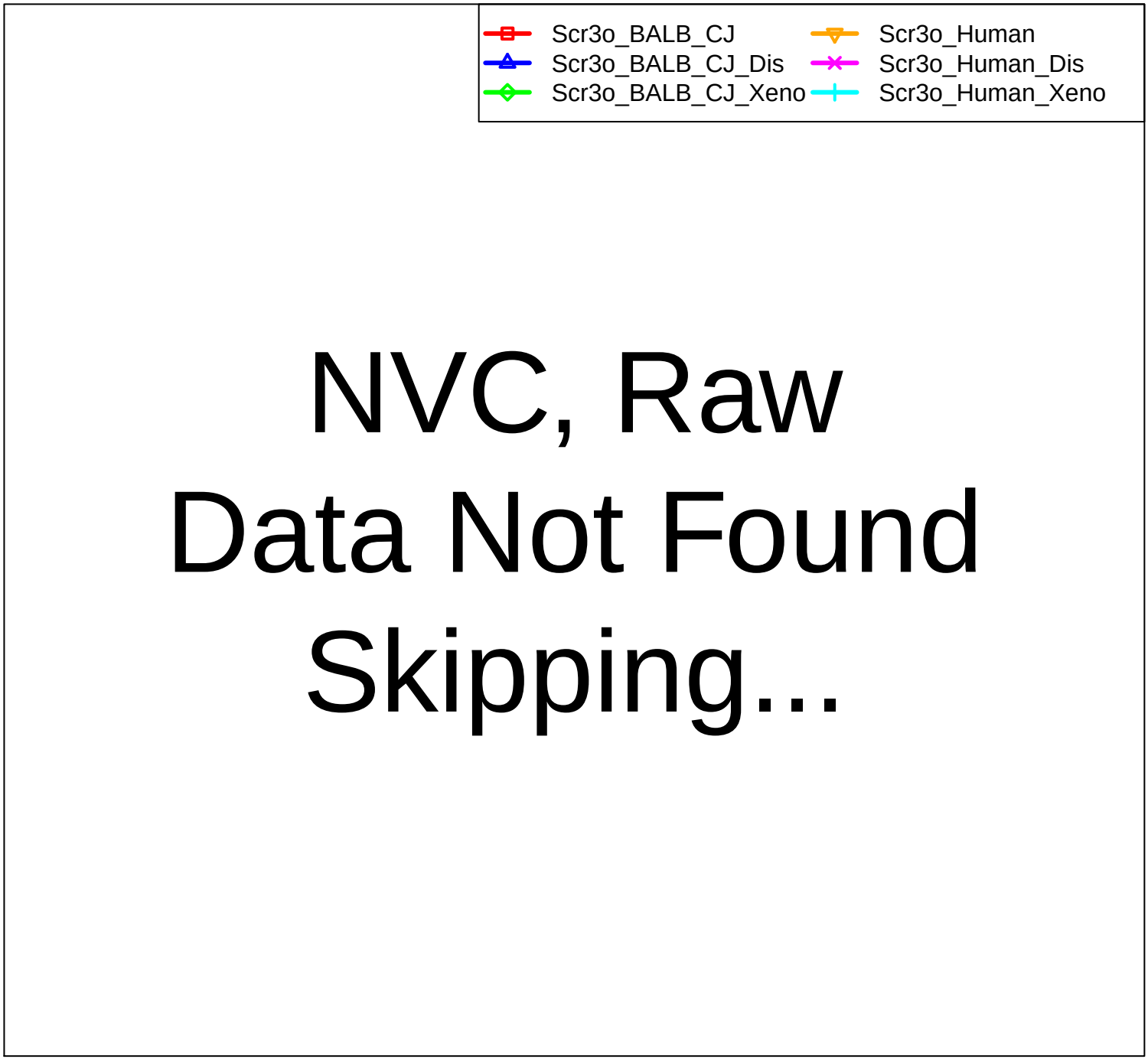

Read Mapping Location Rates
Colored by Sample
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Rate
0.0
0.2
0.4
0.6
0.8
1.0
Unique Gene
Unique Gene UTR
Ambig Gene
No Gene
No Gene Intronic
No Gene 1kb From Gene
No Gene 10kb From Gene
No Gene Middle Of Nowhere

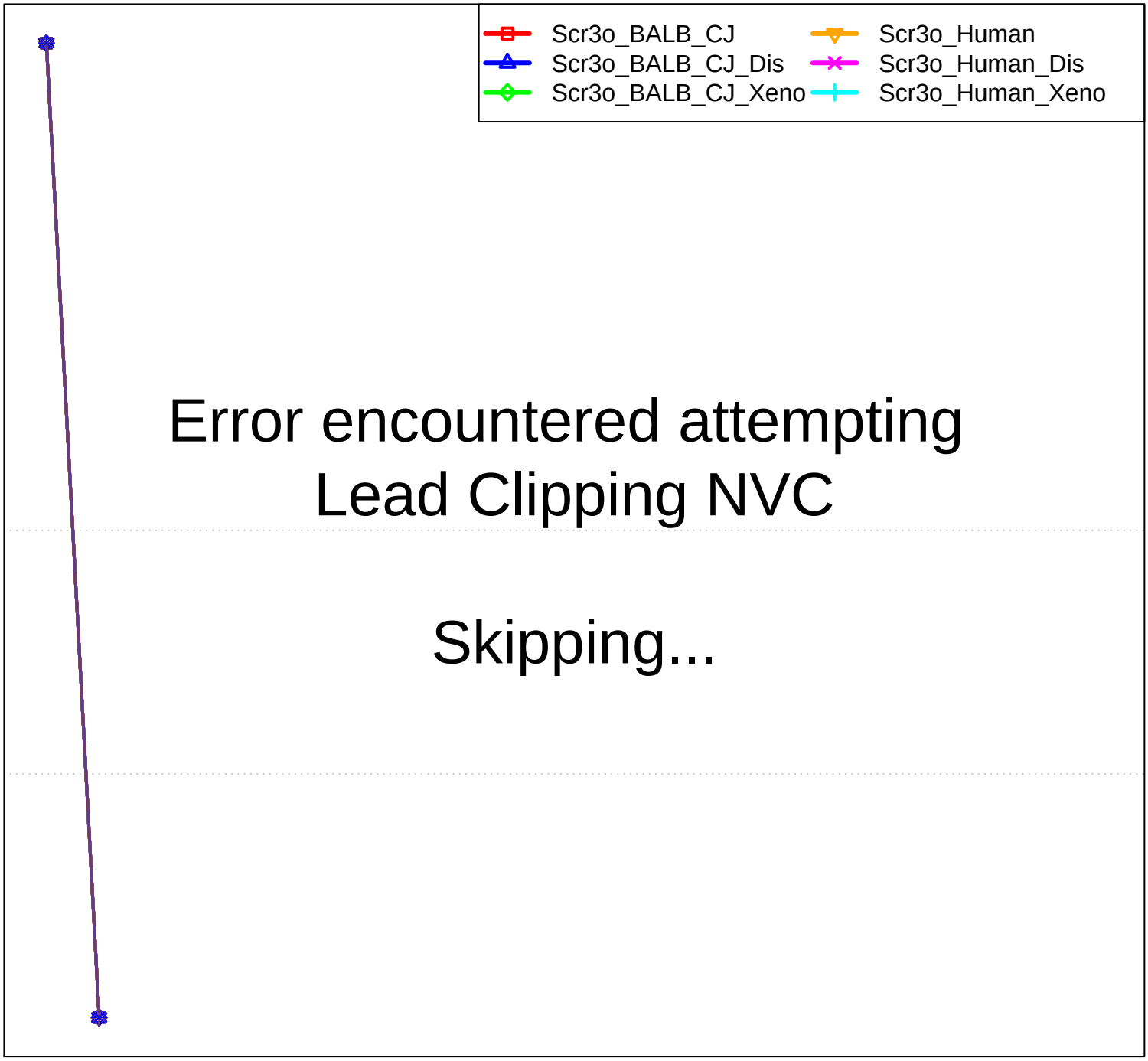

Gene−Body Coverage
Colored by Sample
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Proportion of Read−Pairs
0.03
0.02
0.01
Mean:
0
20
40
60
80
100
Percentile of Gene Body (5'−>3')

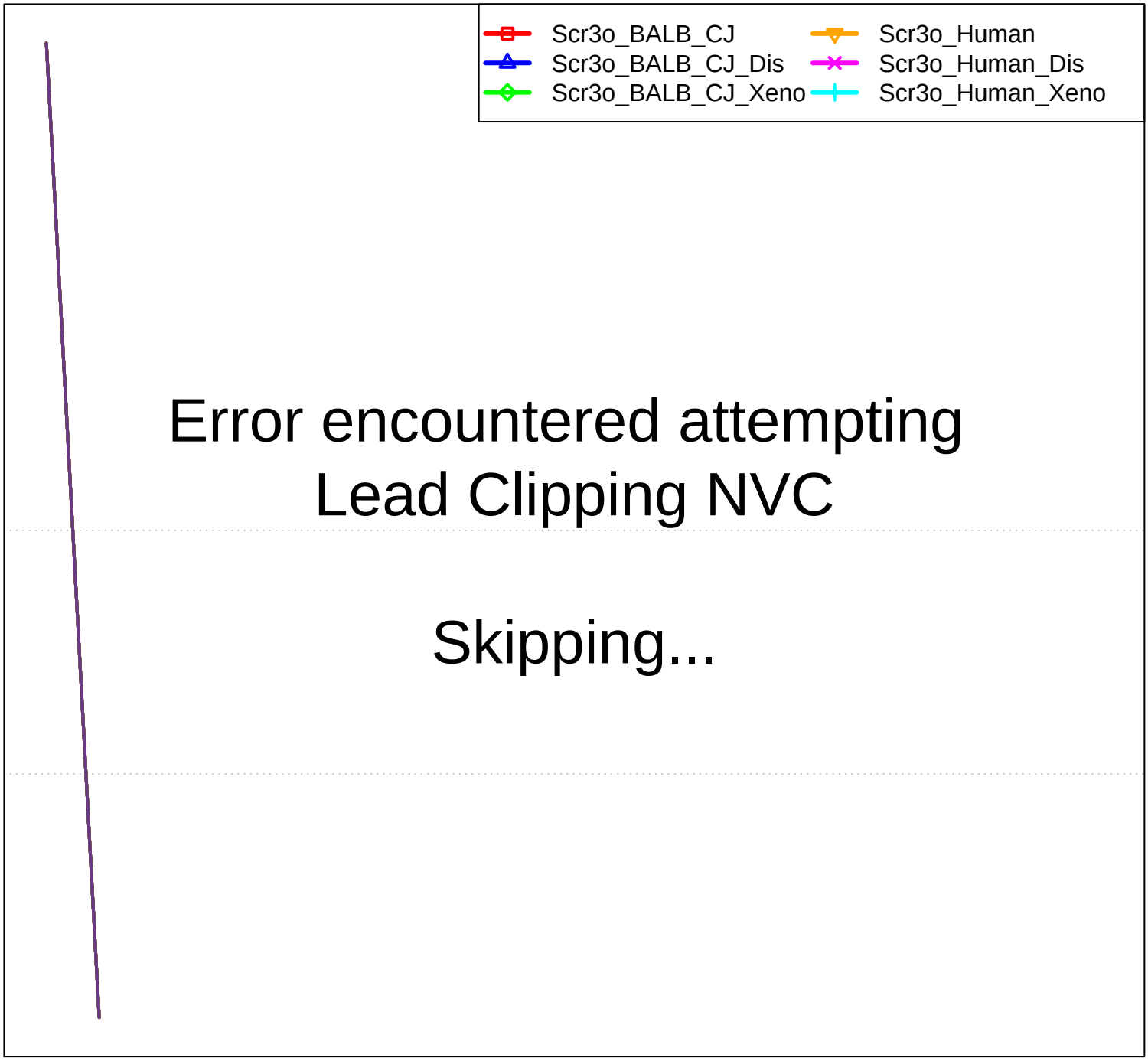

Gene−Body Coverage
Colored by Sample
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Proportion of Read−Pairs
0.03
0.02
0.01
Mean:
0
20
40
60
80
100
Percentile of Gene Body (5'−>3')

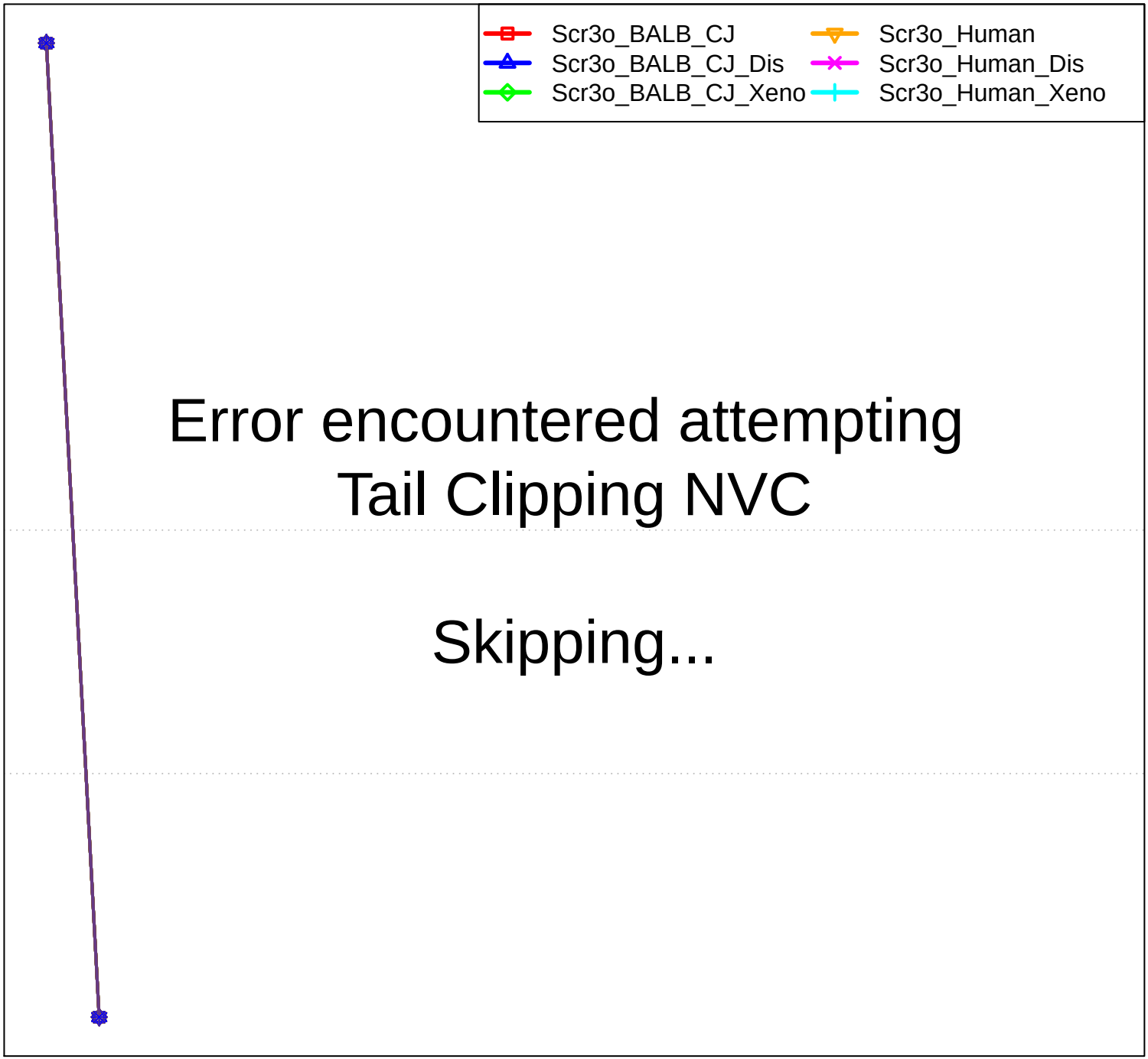

Gene−Body Coverage, Low Expression Genes
Colored by Sample
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Rate
0.03
0.025
0.02
0.015
0.01
0.005
Mean:
0
20
40
60
80
100
Percentile of Gene Body (5'−>3')

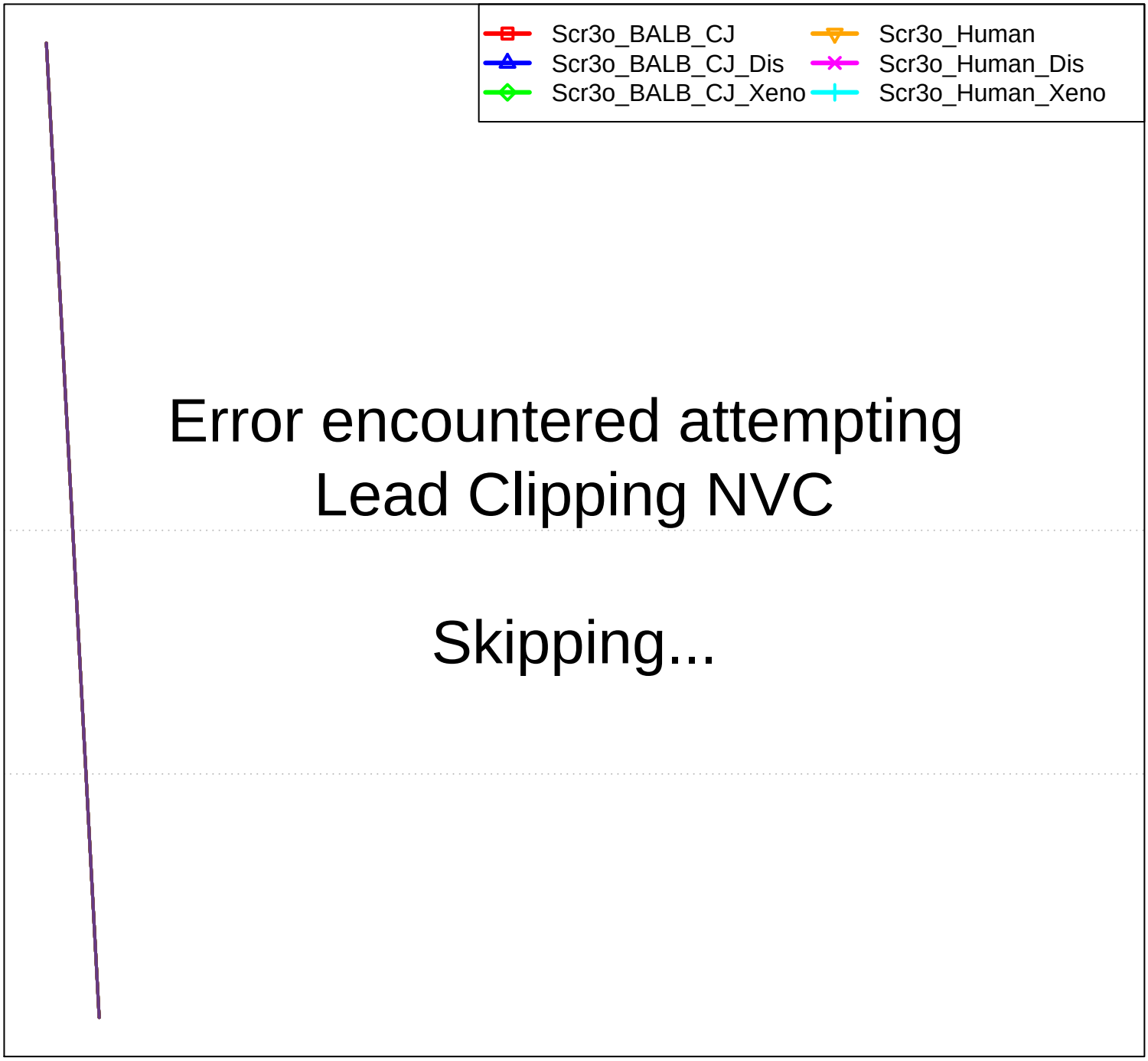

Gene−Body Coverage, Upper Middle Quartile Genes
Colored by Sample
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Rate
0.035
0.03
0.025
0.02
0.015
0.01
0.005
Mean:
0
20
40
60
80
100
Percentile of Gene Body (5'−>3')

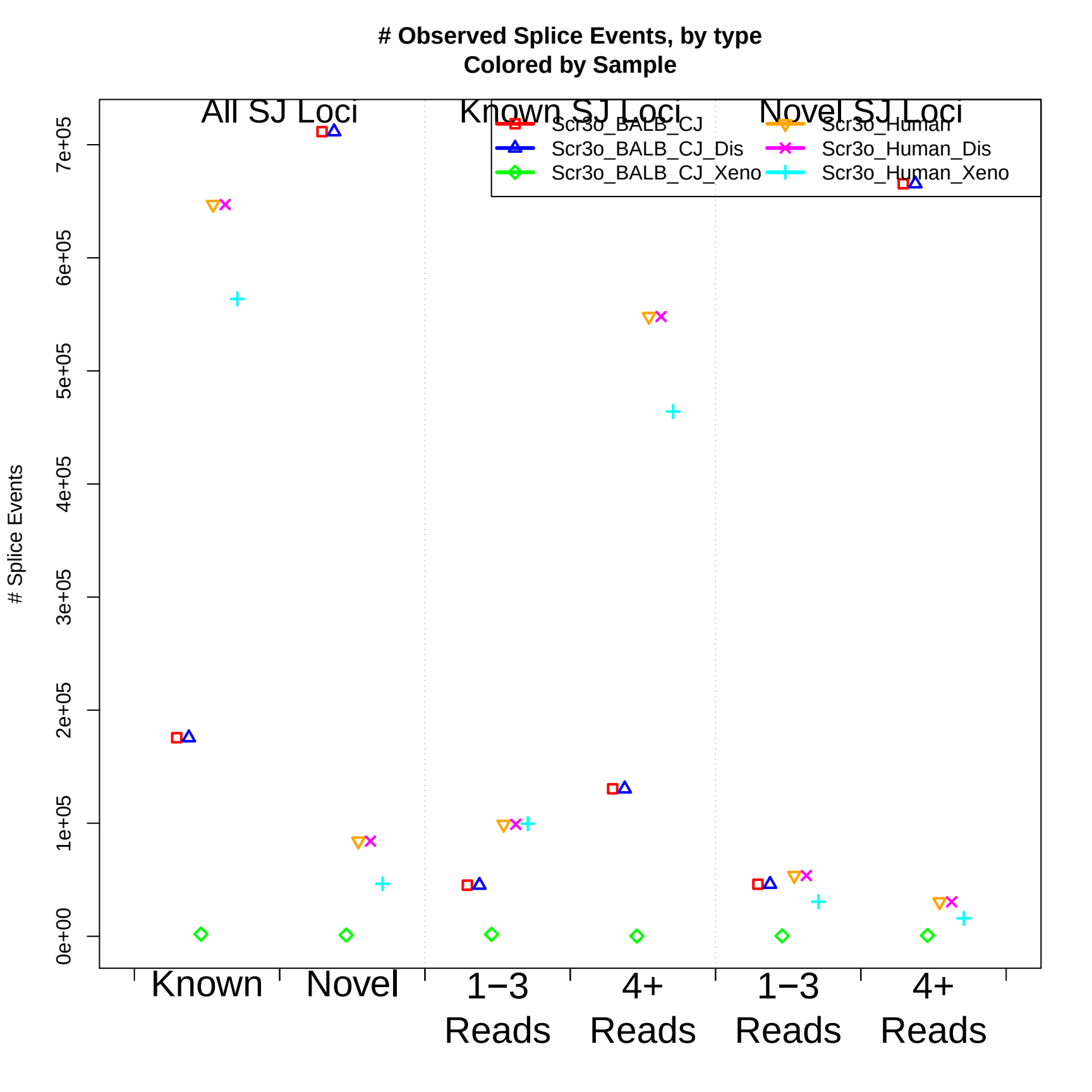

Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
NVC, Raw
Data Not Found
Skipping...

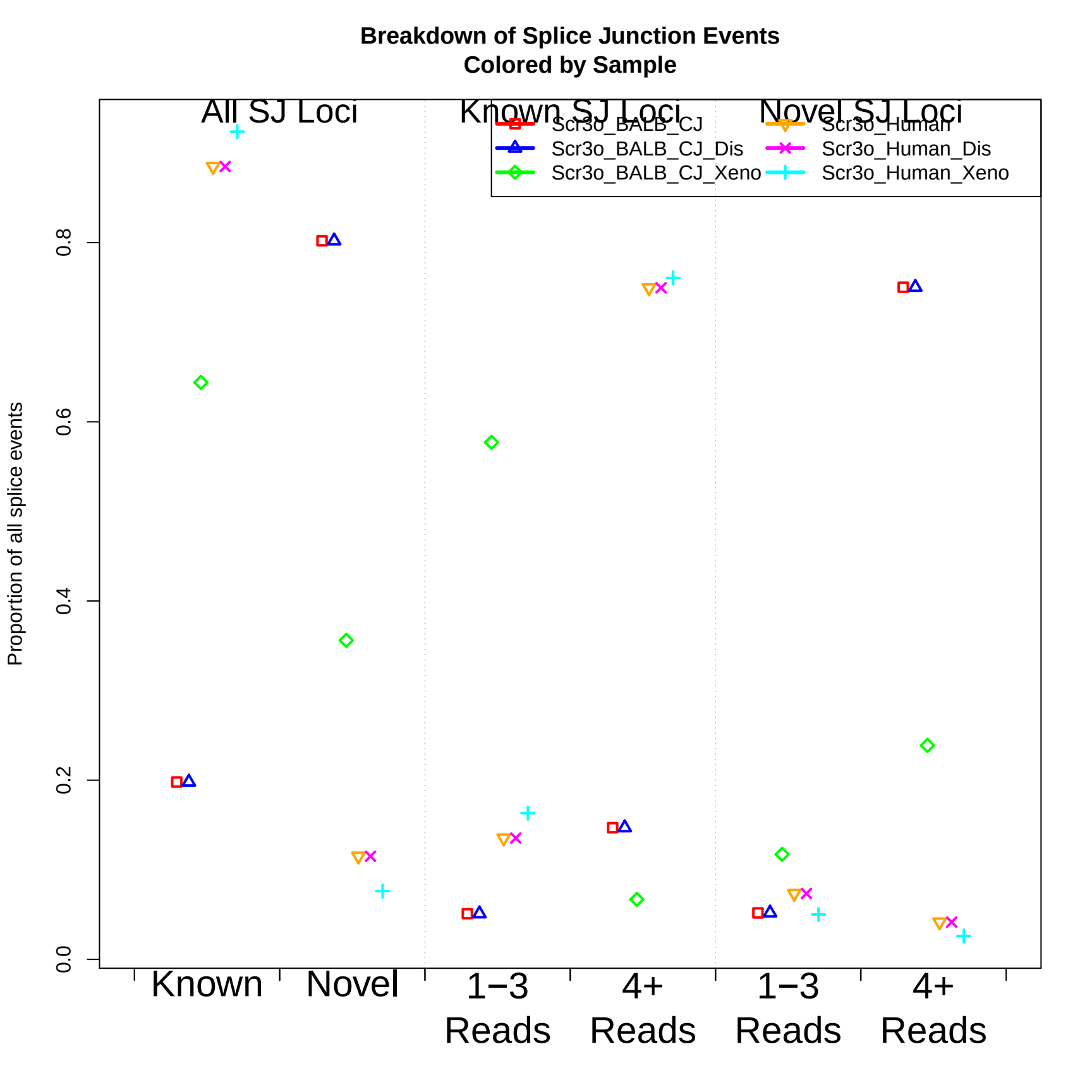

Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Error encountered attempting
Lead Clipping NVC
Skipping...

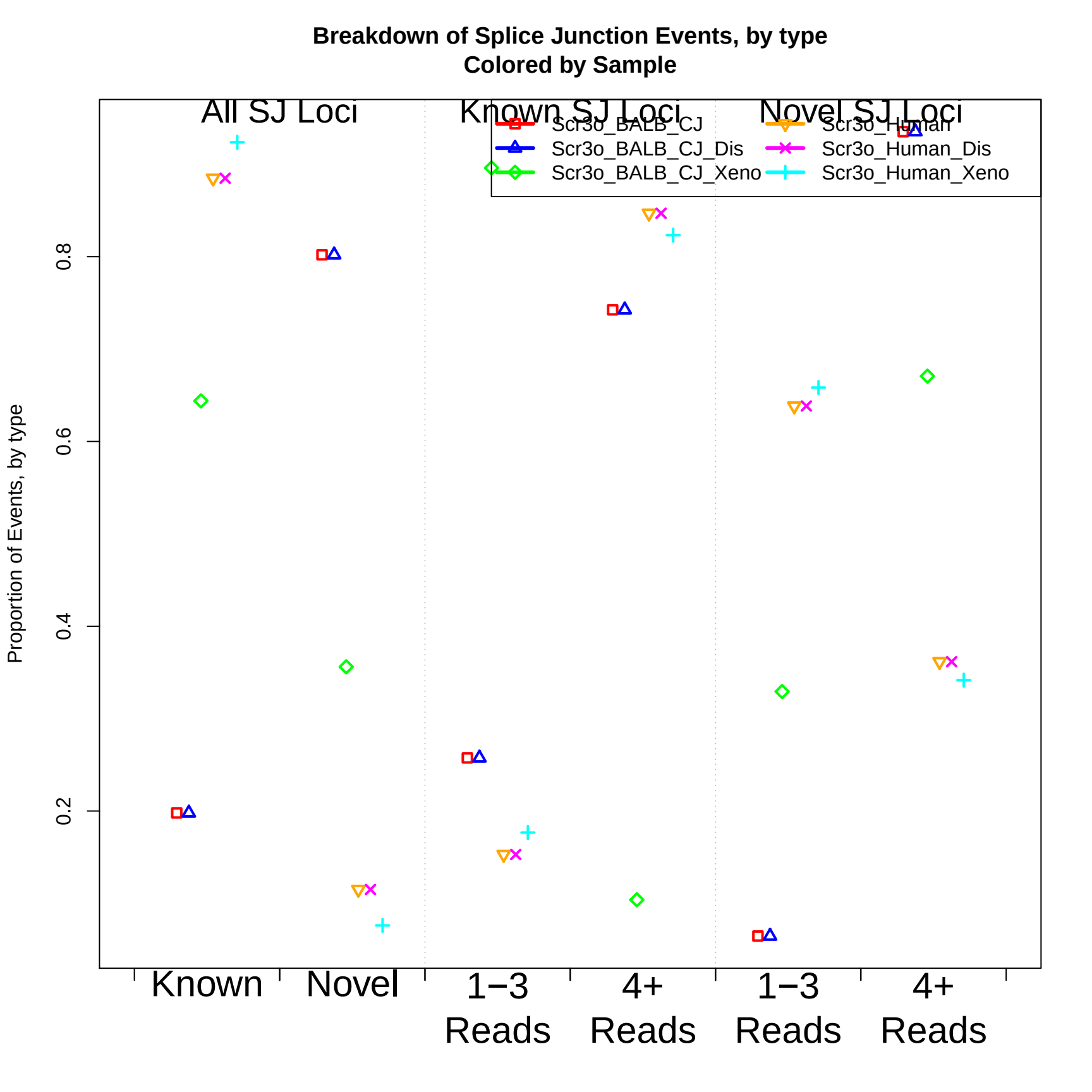

Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Error encountered attempting
Lead Clipping NVC
Skipping...

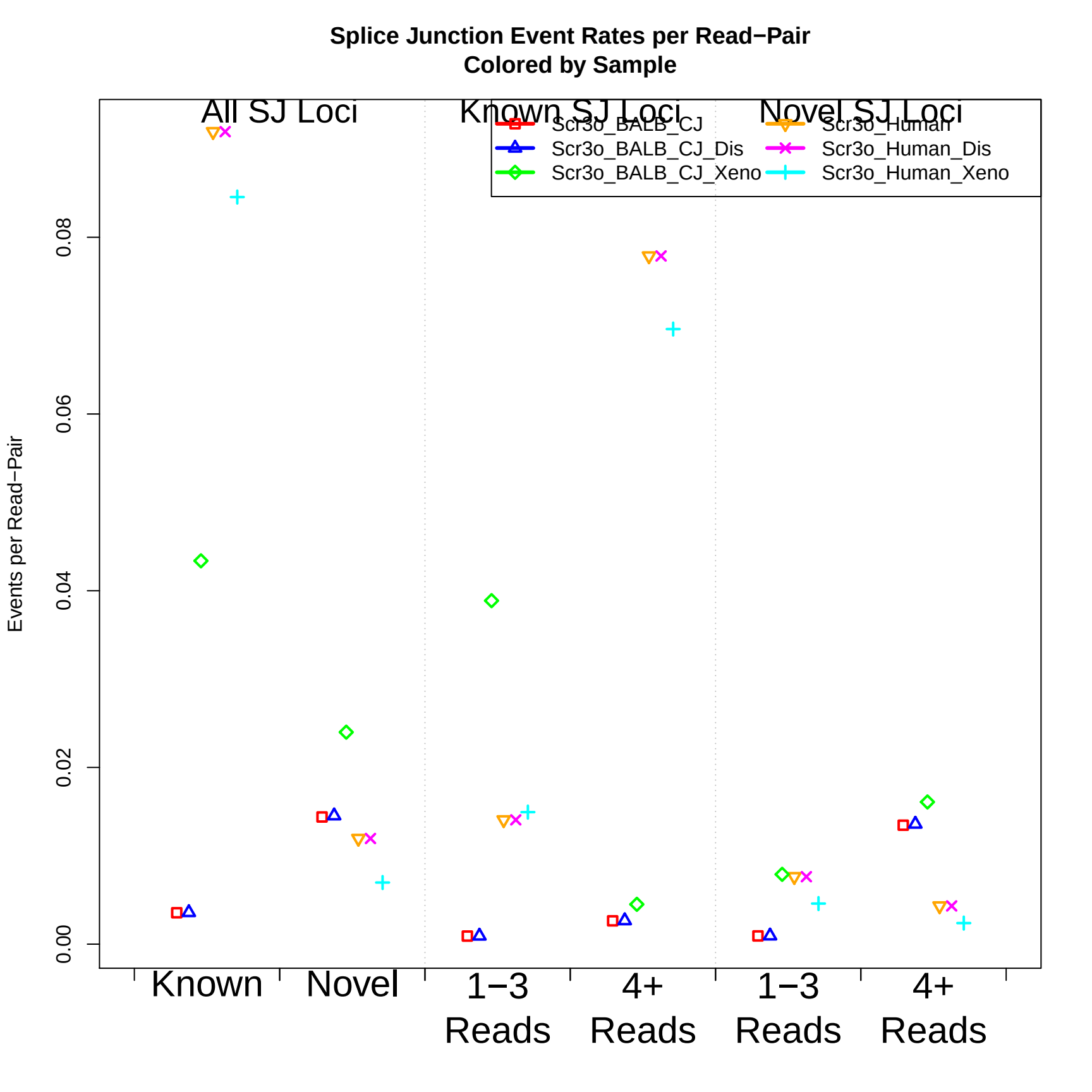

Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Error encountered attempting
Tail Clipping NVC
Skipping...

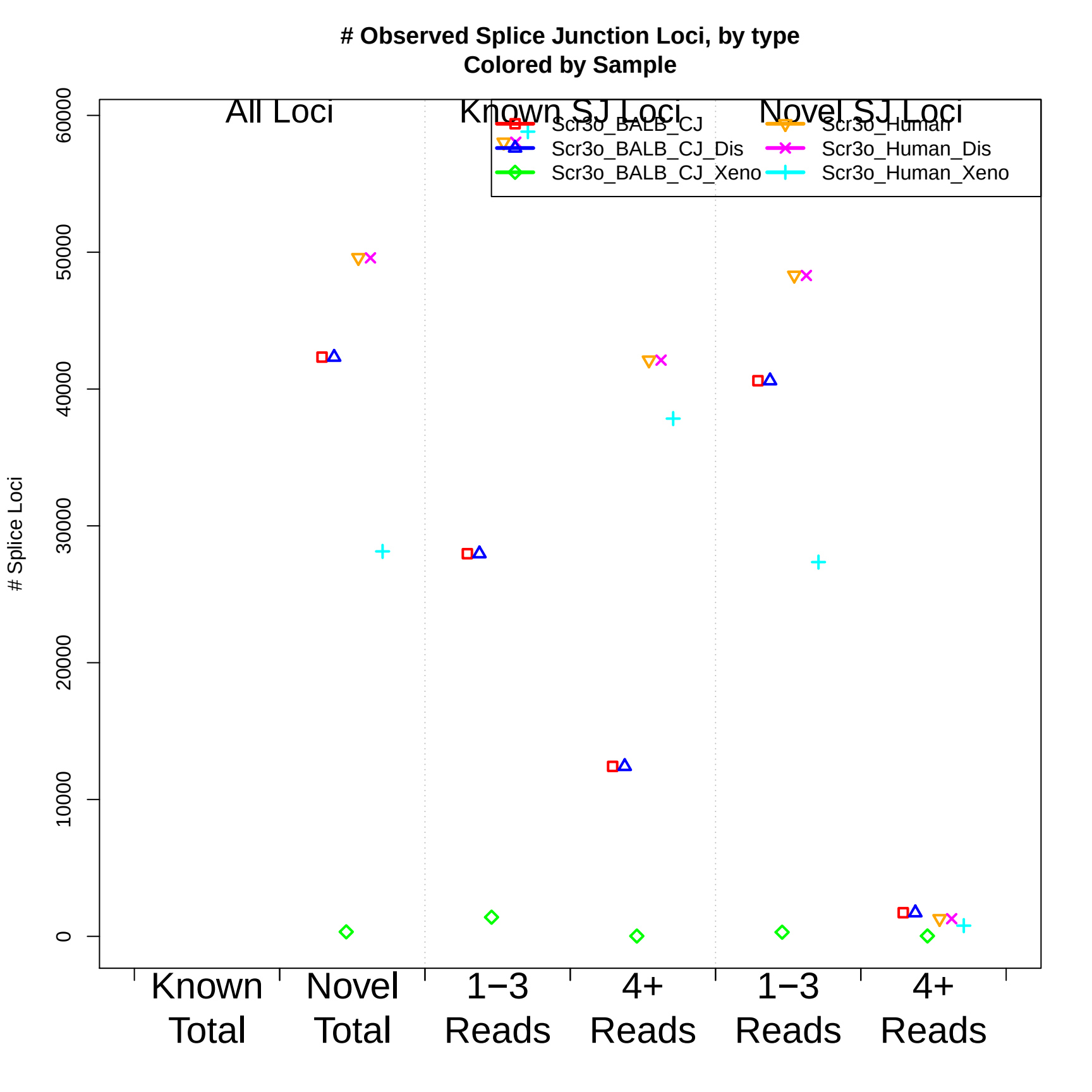

Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Error encountered attempting
Lead Clipping NVC
Skipping...

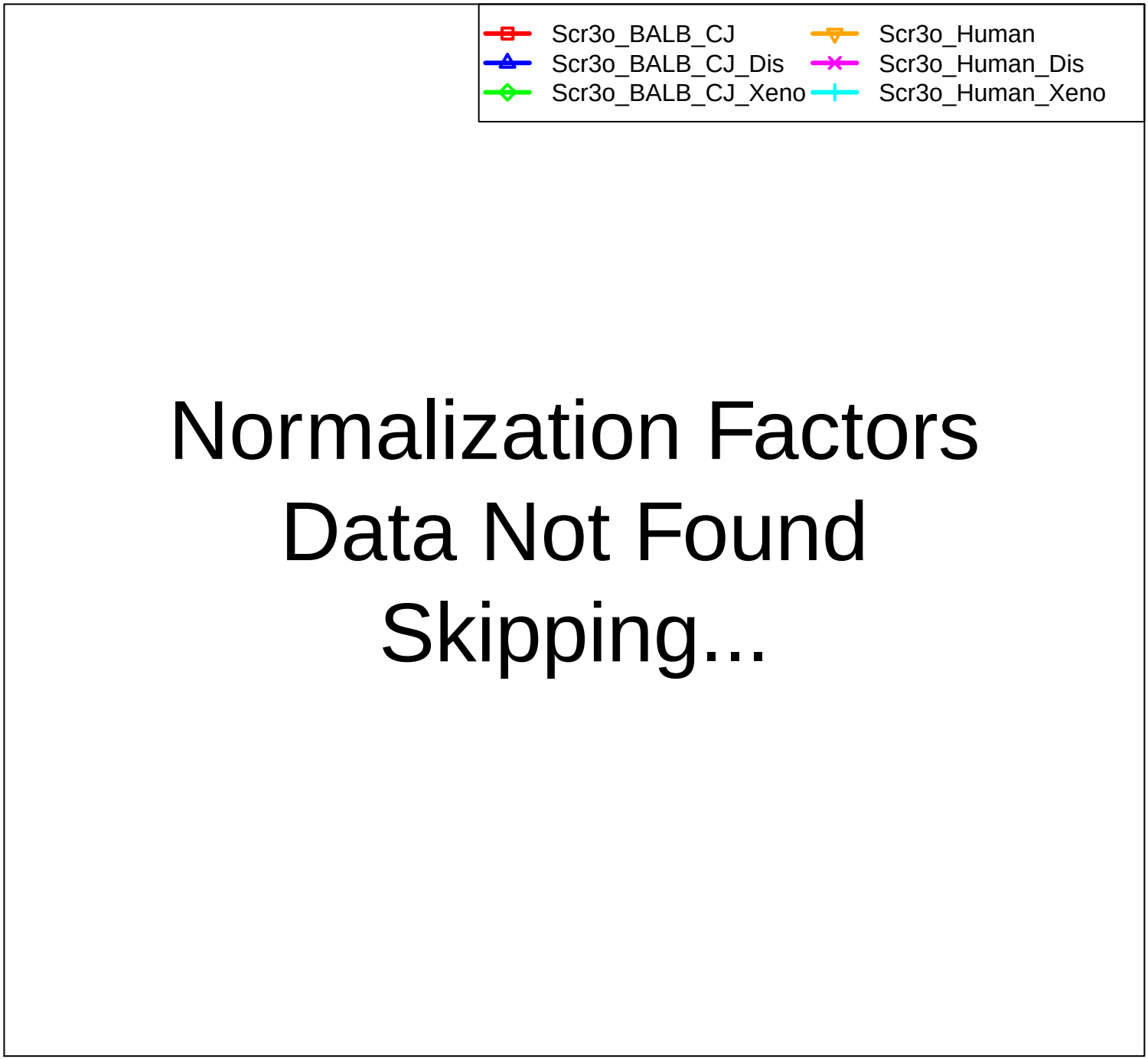

Observed Splice Events, by type
Colored by Sample
All SJ Loci
Known SJ Loci
Novel SJ Loci
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Splice Events
0e+00
1e+05
2e+05
3e+05
4e+05
5e+05
6e+05
7e+05
Known
Novel
1−3 Reads
4+ Reads
1−3 Reads
4+ Reads

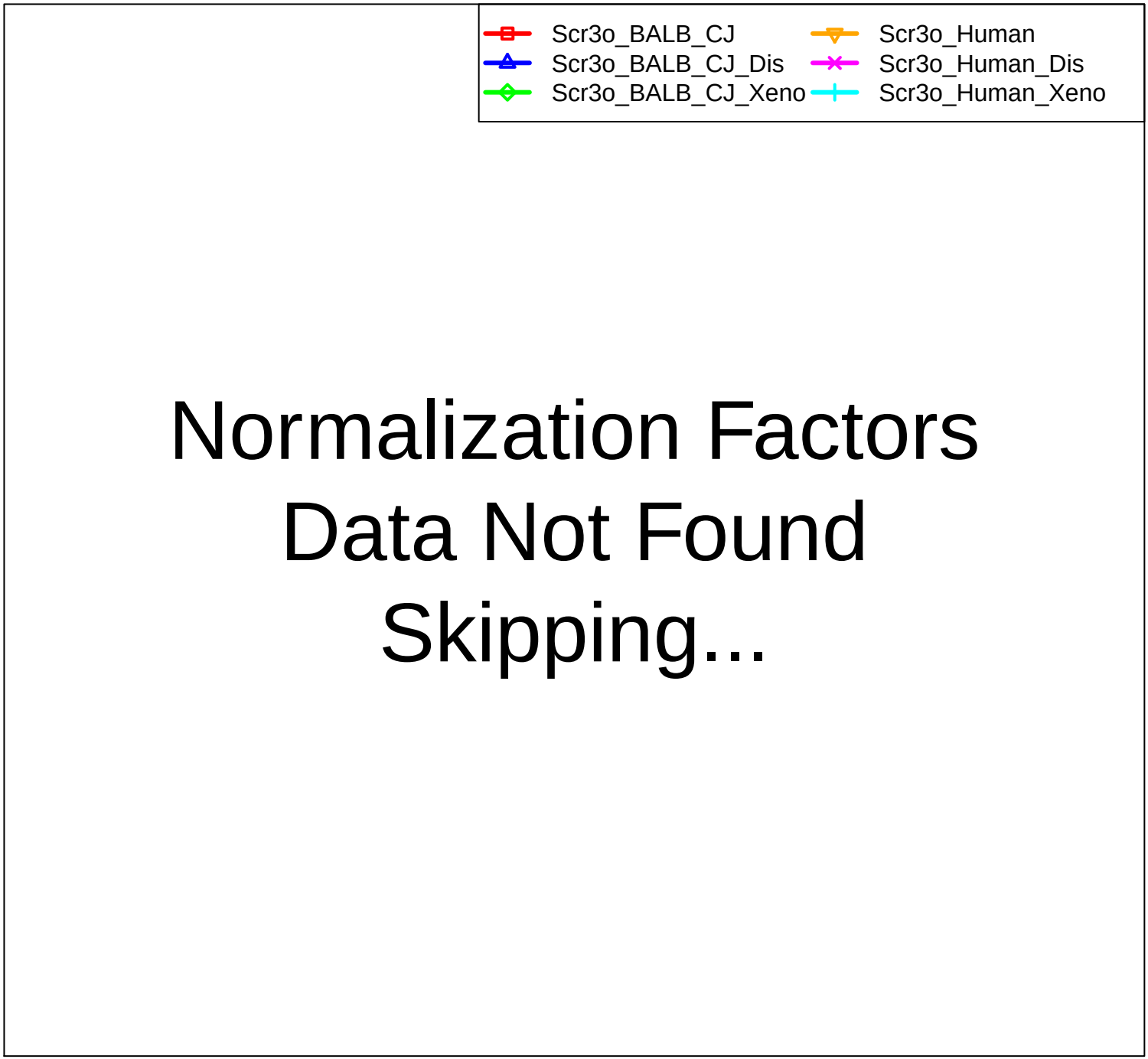

Breakdown of Splice Junction Events
Colored by Sample
All SJ Loci
Known SJ Loci
Novel SJ Loci
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Proportion of all splice events
0.0
0.2
0.4
0.6
0.8
Known
Novel
1−3 Reads
4+ Reads
1−3 Reads
4+ Reads


Breakdown of Splice Junction Events, by type
Colored by Sample
All SJ Loci
Known SJ Loci
Novel SJ Loci
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Proportion of Events, by type
0.2
0.4
0.6
0.8
Known
Novel
1−3 Reads
4+ Reads
1−3 Reads
4+ Reads


Splice Junction Event Rates per Read−Pair
Colored by Sample
All SJ Loci
Known SJ Loci
Novel SJ Loci
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Events per Read−Pair
0.00
0.02
0.04
0.06
0.08
Known
Novel
1−3 Reads
4+ Reads
1−3 Reads
4+ Reads


Observed Splice Junction Loci, by type
Colored by Sample
All Loci
Known SJ Loci
Novel SJ Loci
Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Splice Loci
0
10000
20000
30000
40000
50000
60000
Known Total
Novel Total
1−3 Reads
4+ Reads
1−3 Reads
4+ Reads


Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Normalization Factors
Data Not Found
Skipping...


Scr3o_BALB_CJ
Scr3o_BALB_CJ_Dis
Scr3o_BALB_CJ_Xeno
Scr3o_Human
Scr3o_Human_Dis
Scr3o_Human_Xeno
Normalization Factors
Data Not Found
Skipping...