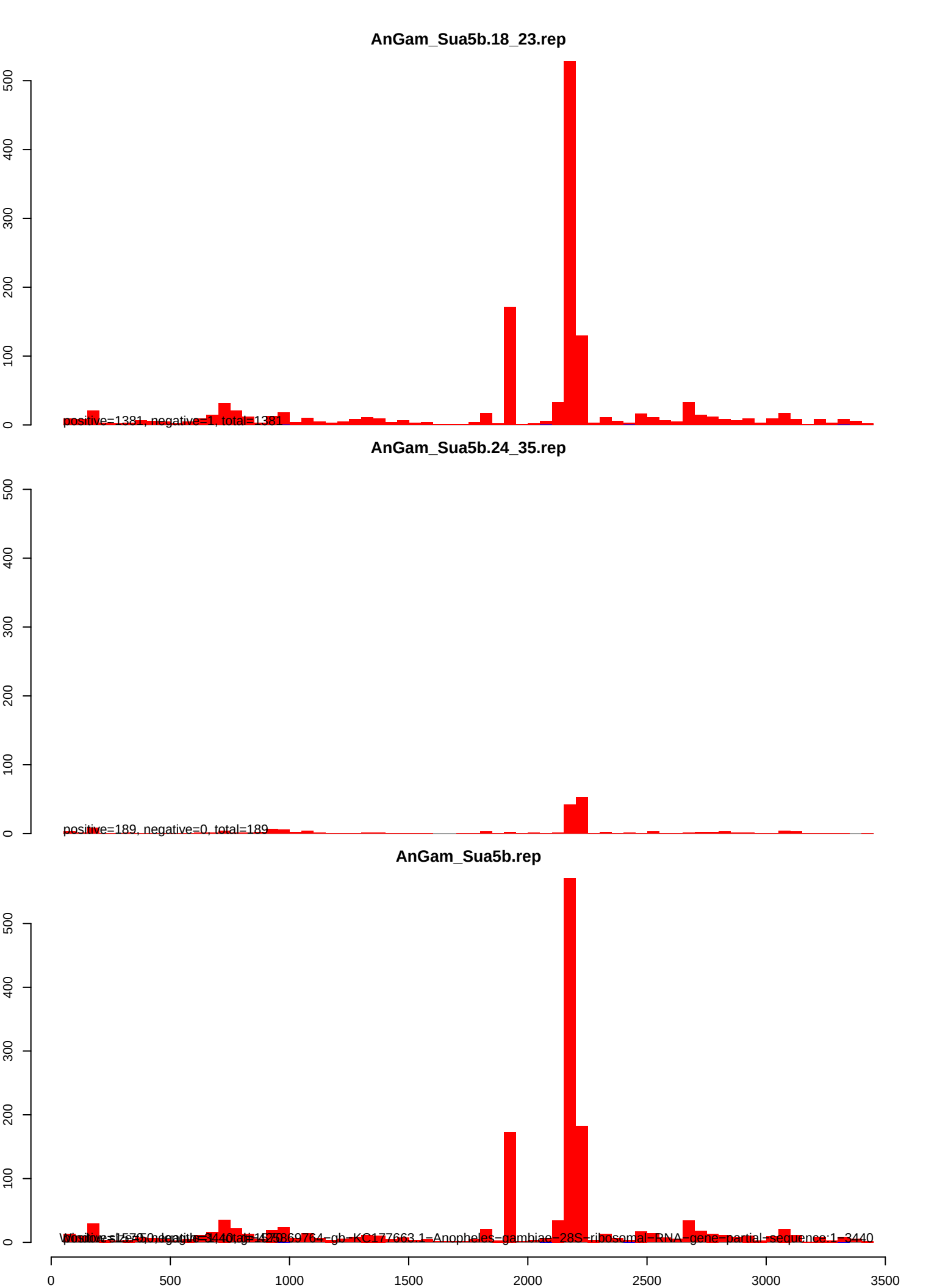
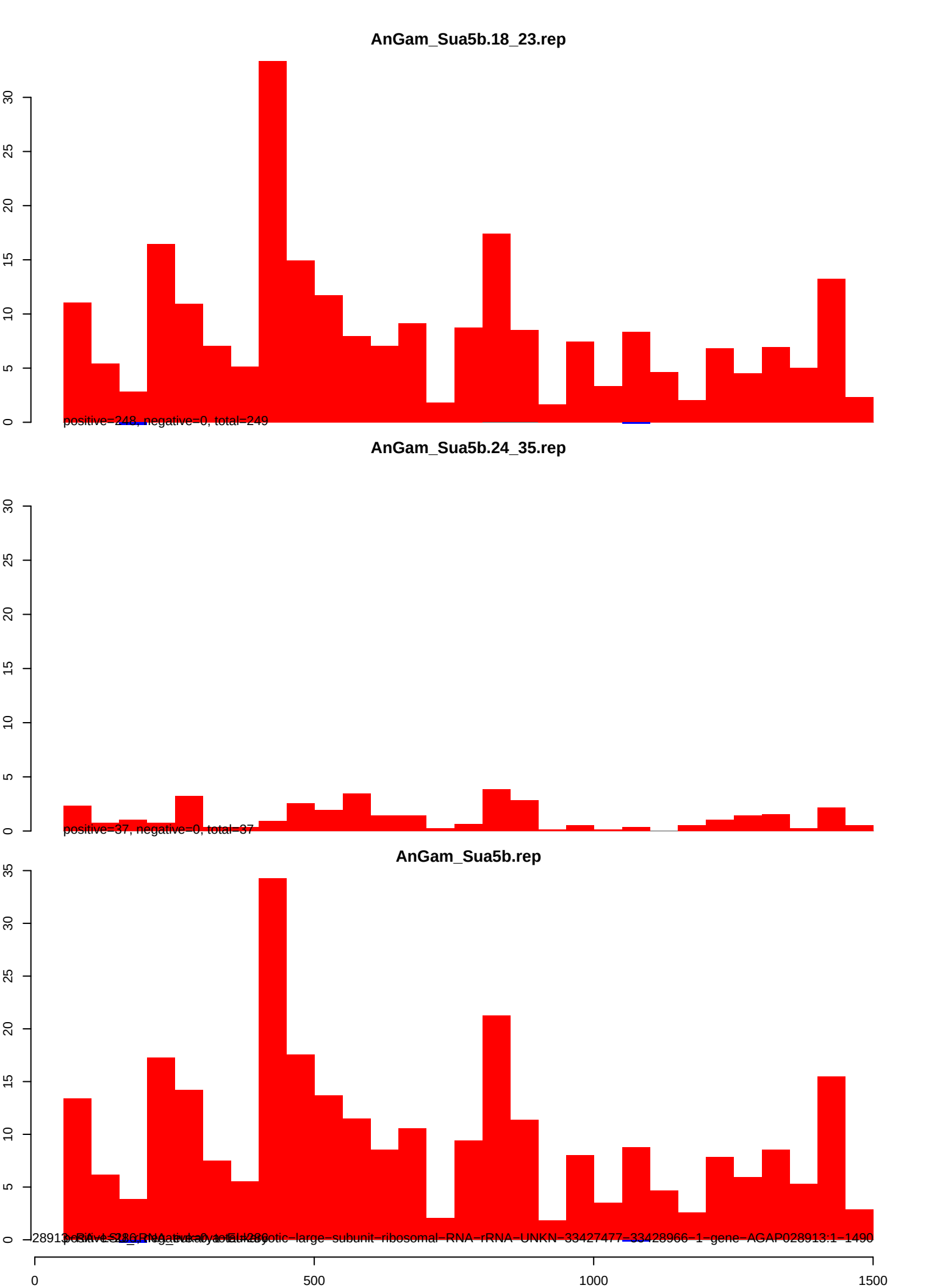
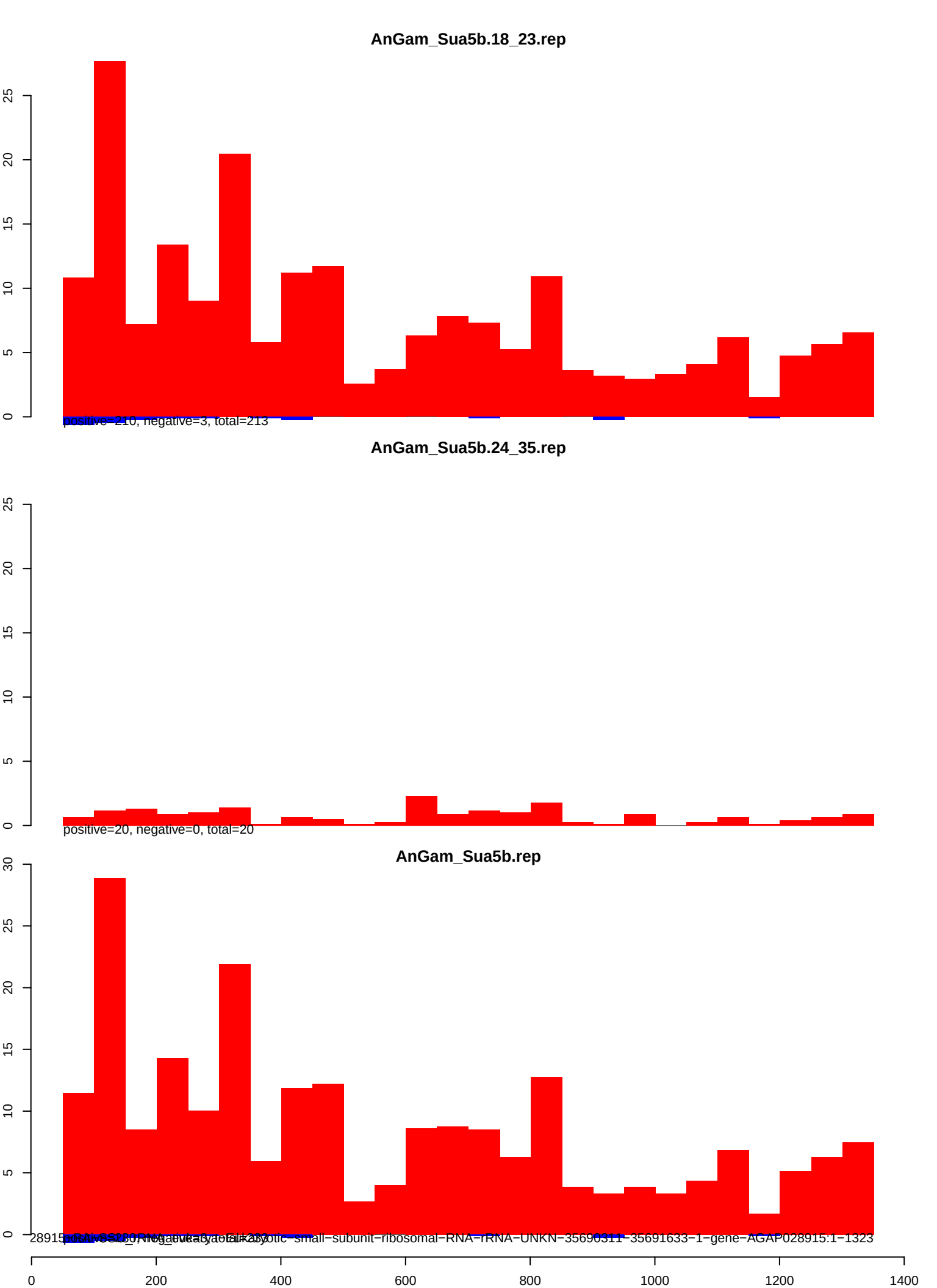
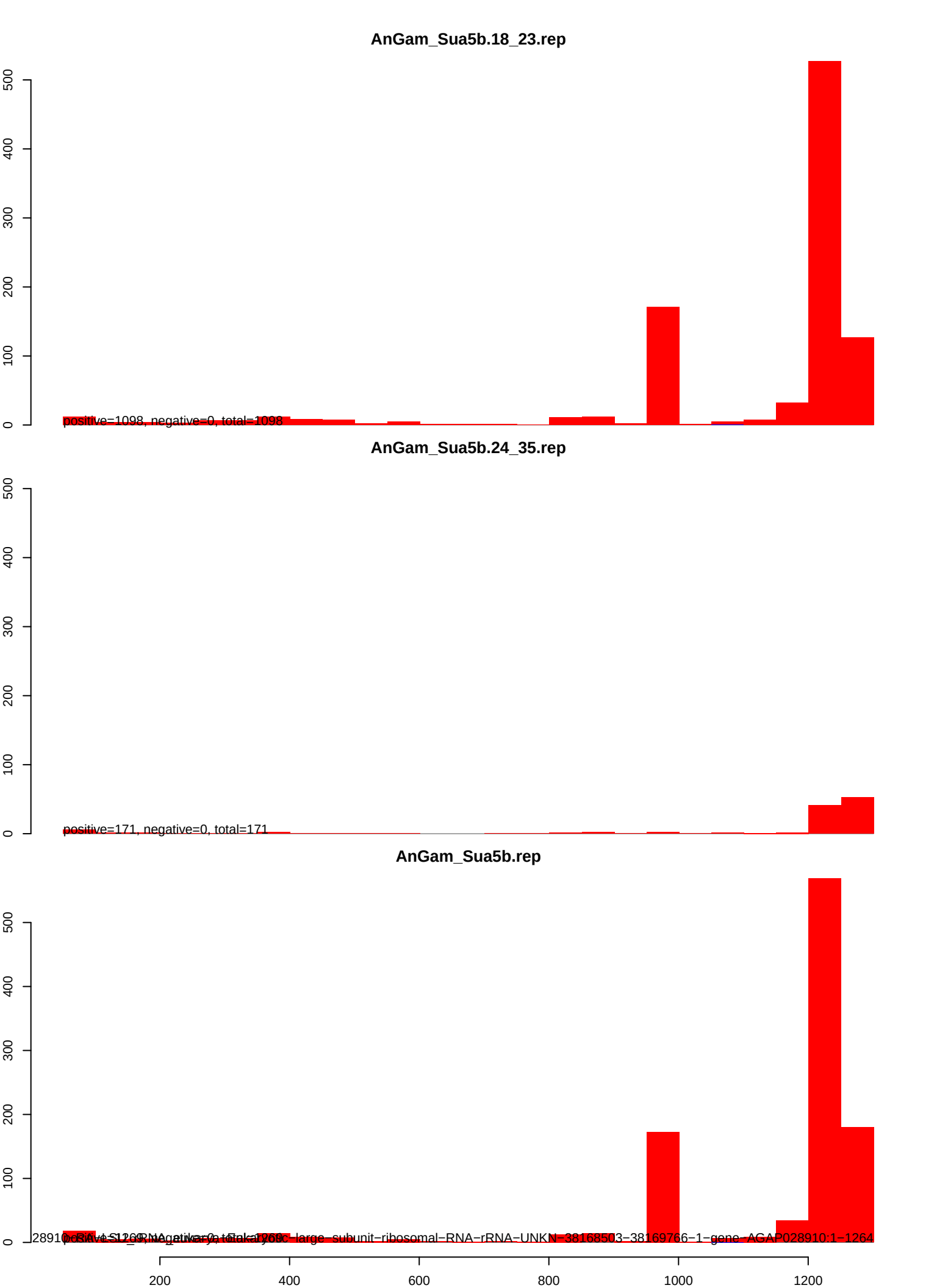
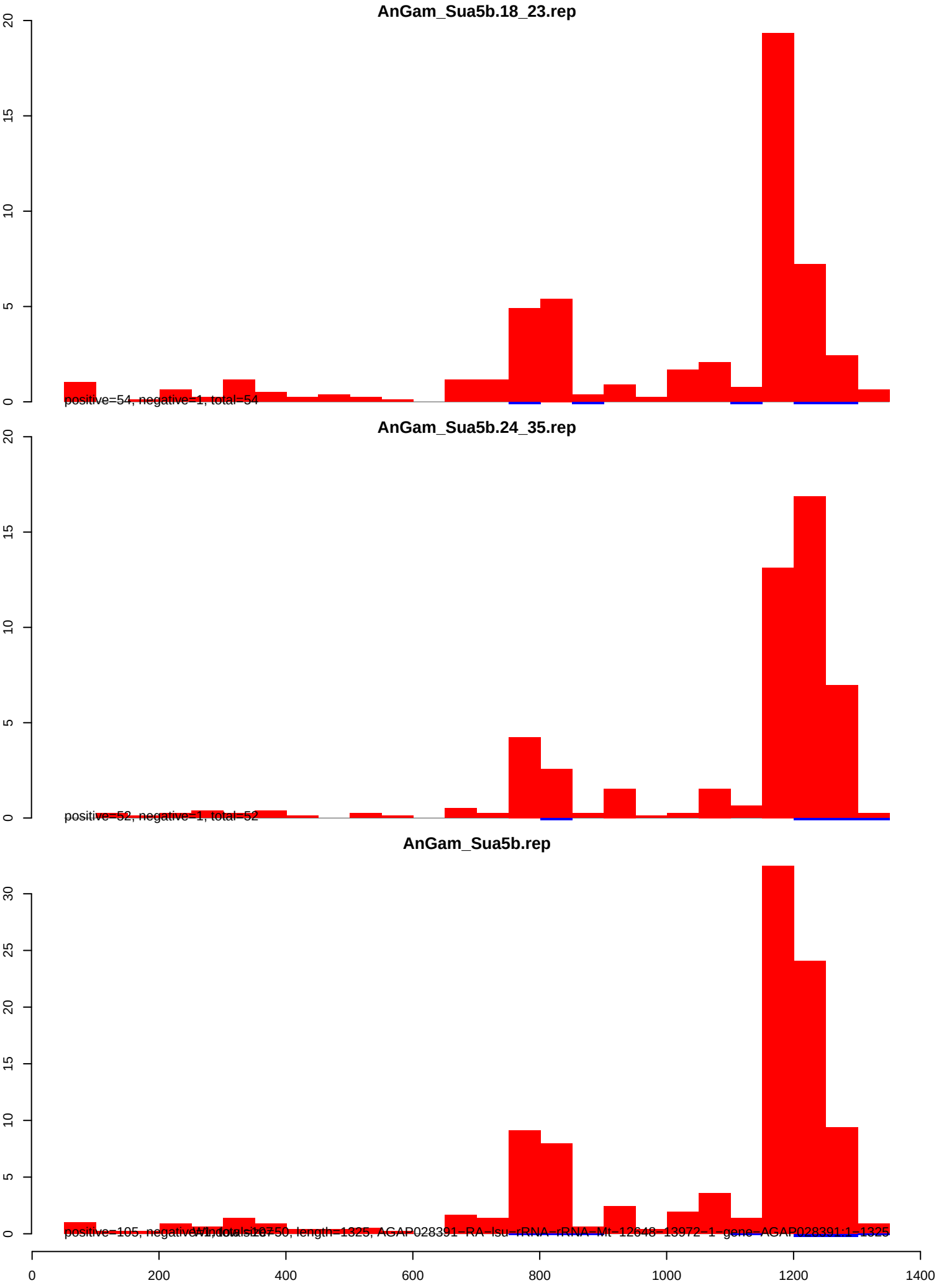
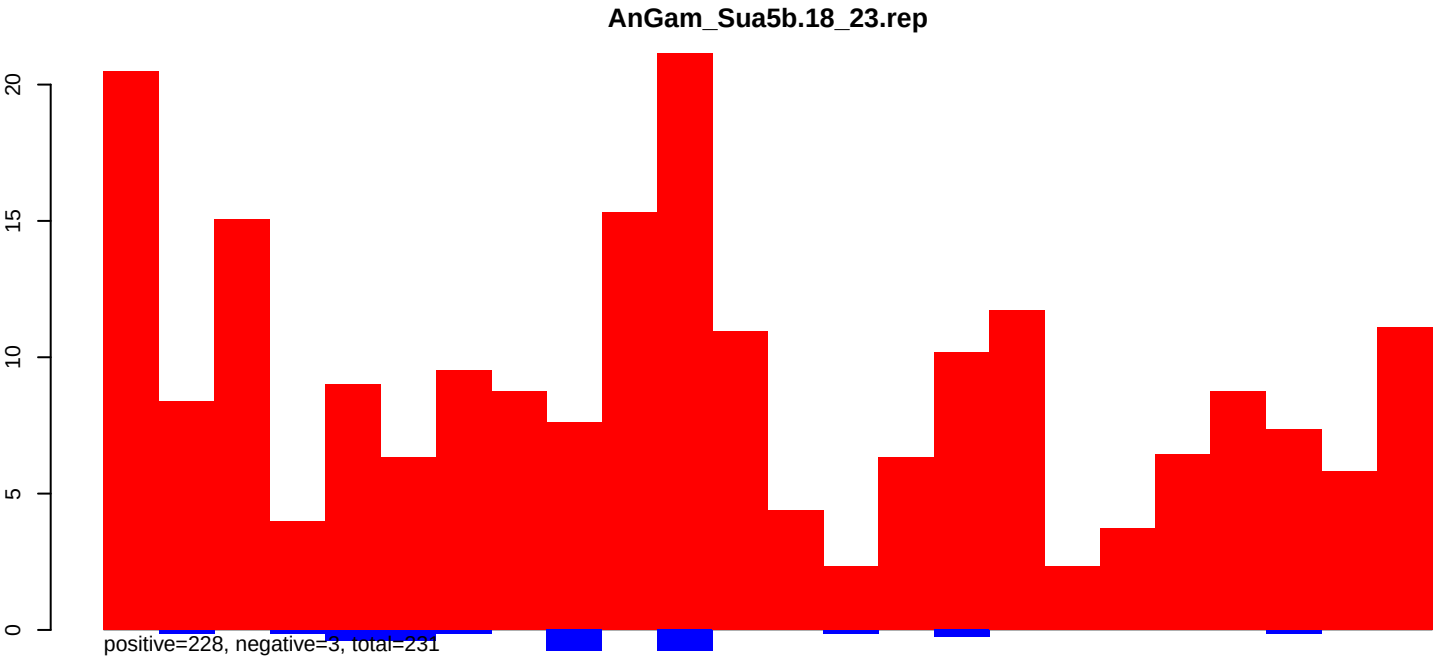

AnGam_Sua5b.18_23.rep
positive=1381, negative=1, total=1381
AnGam_Sua5b.24_35.rep
positive=189, negative=0, total=189
AnGam_Sua5b.rep
0
100
200
300
400
500
0
500
1000
1500
2000
2500
3000
3500

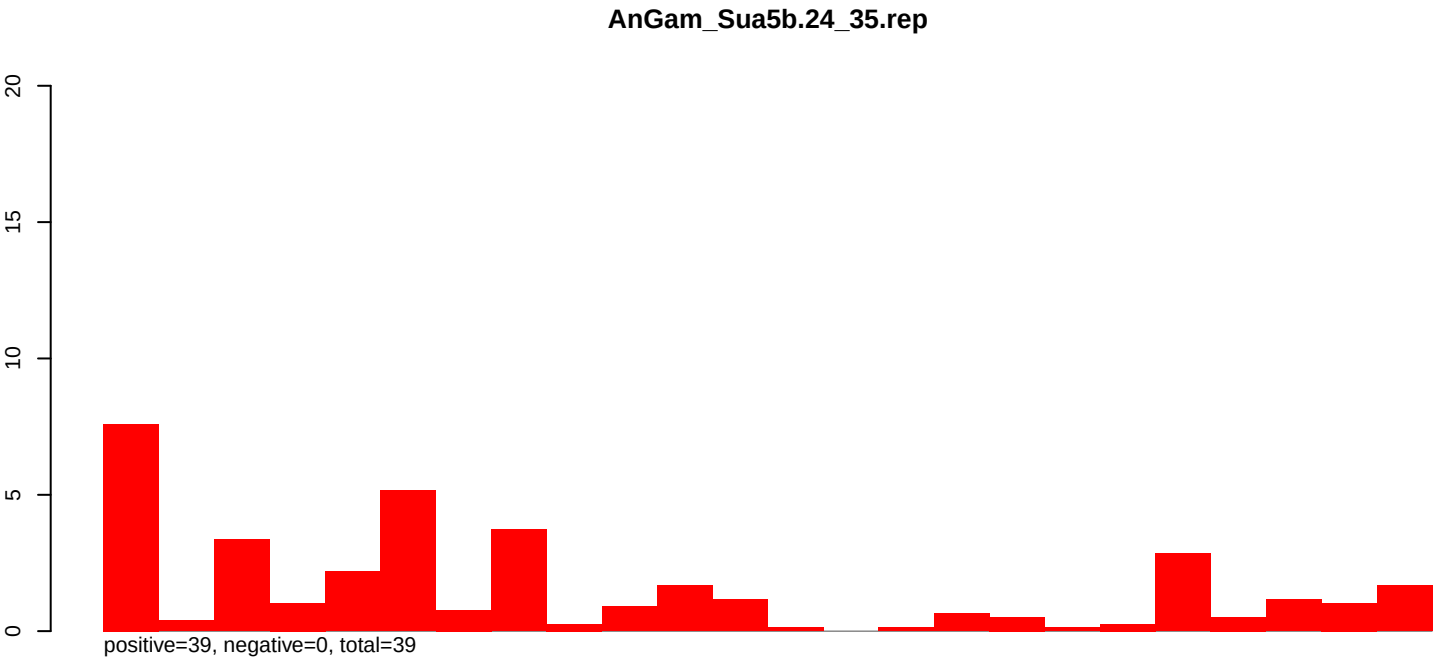

AnGam_Sua5b.18_23.rep
positive=248, negative=0, total=249
AnGam_Sua5b.24_35.rep
positive=37, negative=0, total=37
AnGam_Sua5b.rep
0
5
10
15
20
25
30
35
0
500
1000
1500

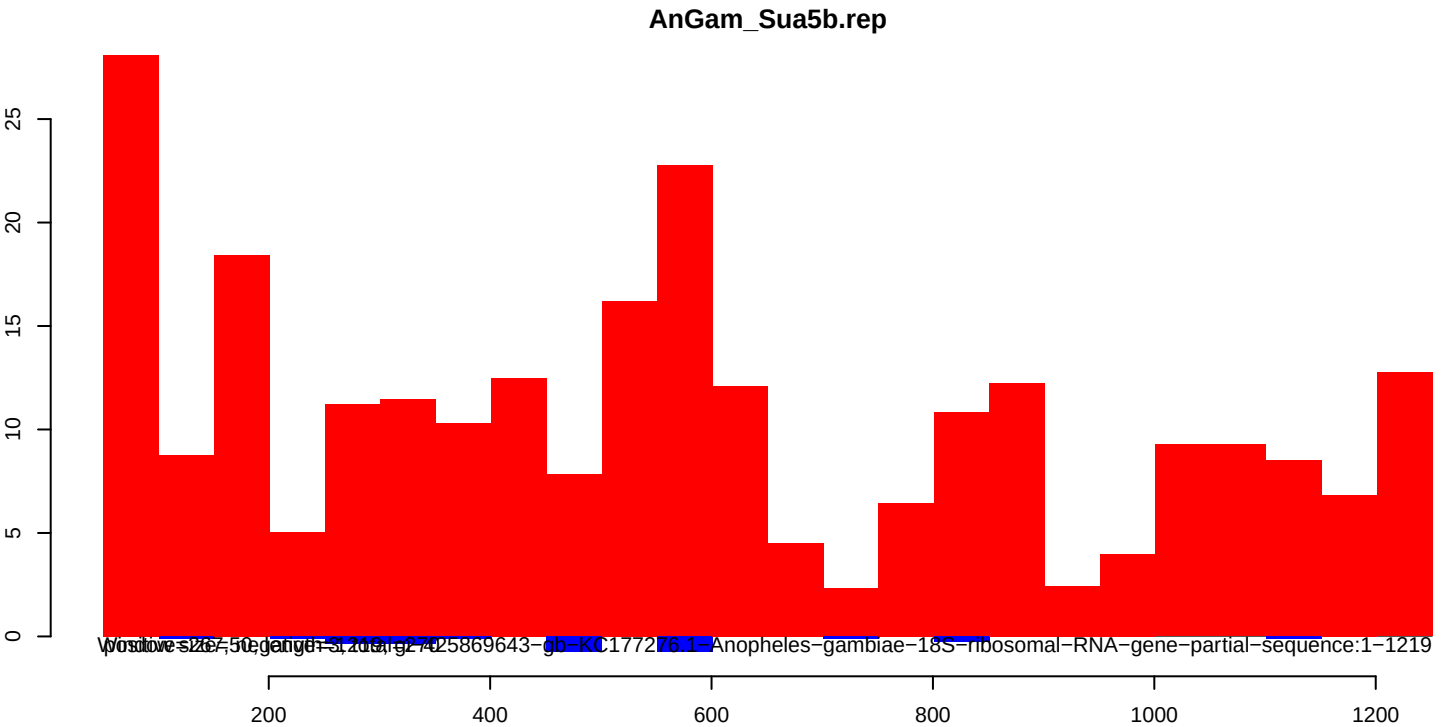

AnGam_Sua5b.18_23.rep
positive=210, negative=3, total=213
AnGam_Sua5b.24_35.rep
positive=20, negative=0, total=20
AnGam_Sua5b.rep
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

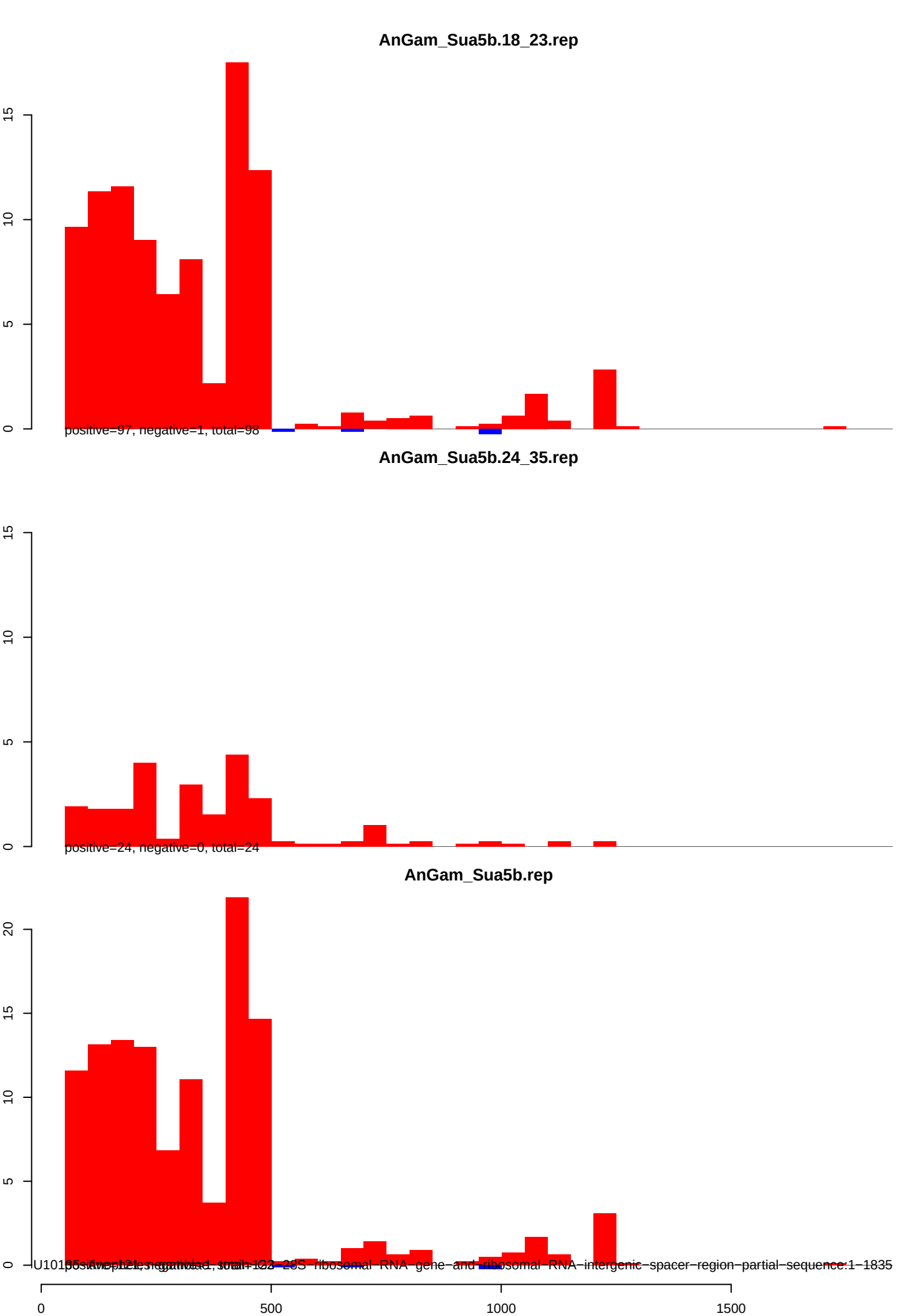

AnGam_Sua5b.18_23.rep
0
100
200
300
400
500
positive=1098, negative=0, total=1098
AnGam_Sua5b.24_35.rep
0
100
200
300
400
500
positive=171, negative=0, total=171
AnGam_Sua5b.rep
0
100
200
300
400
500
200
400
600
800
1000
1200

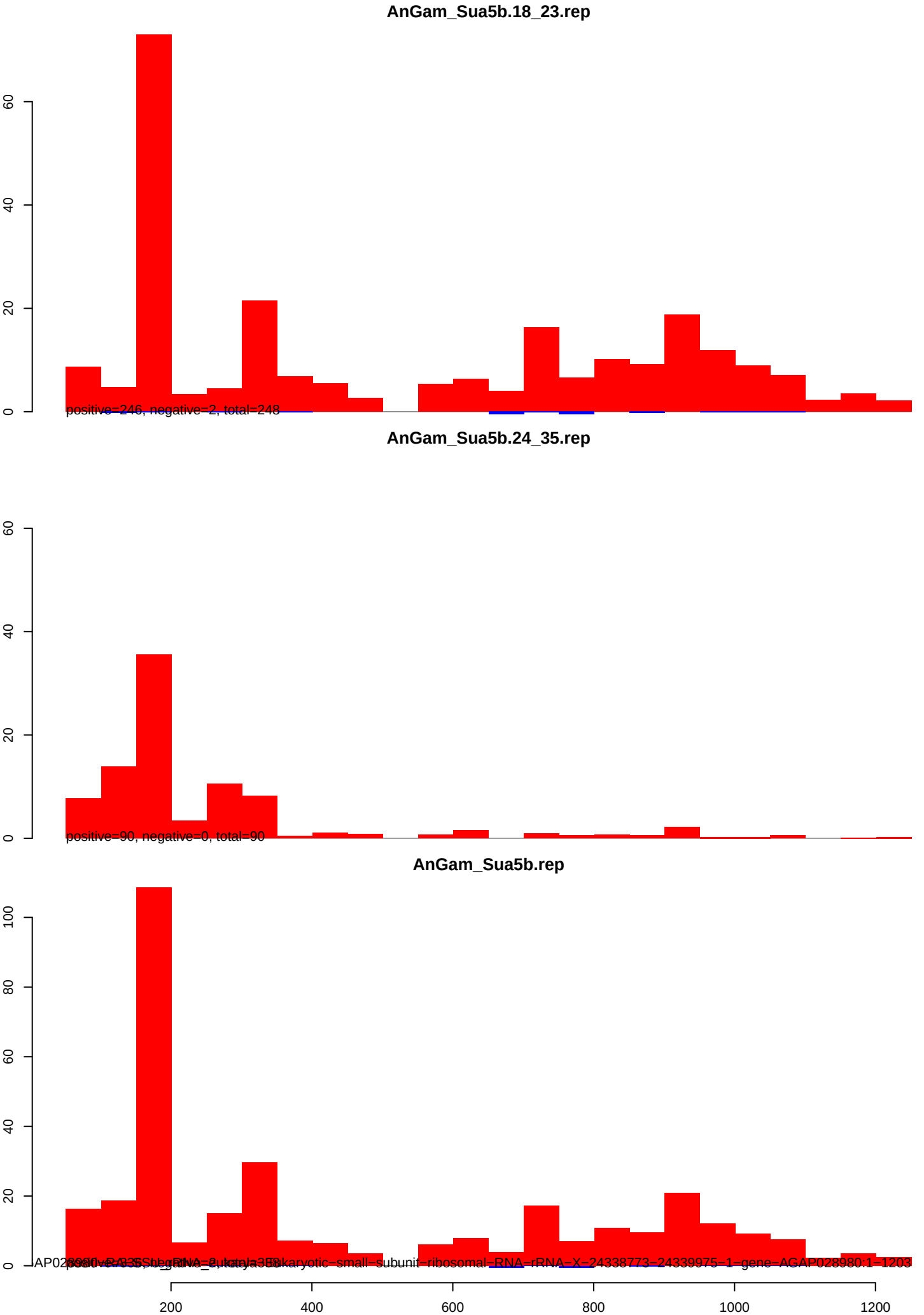

AnGam_Sua5b.18_23.rep
positive=54, negative=1, total=54
AnGam_Sua5b.24_35.rep
positive=52, negative=1, total=52
AnGam_Sua5b.rep
positive=105, negative=1, total=107
length=1325, AGAP028391-RA-lsu-rRNA-rRNA-Mt-12648-13972-1-gene-AGAP028391:1-1325
0
5
10
15
20
25
30
200
400
600
800
1000
1200
1400

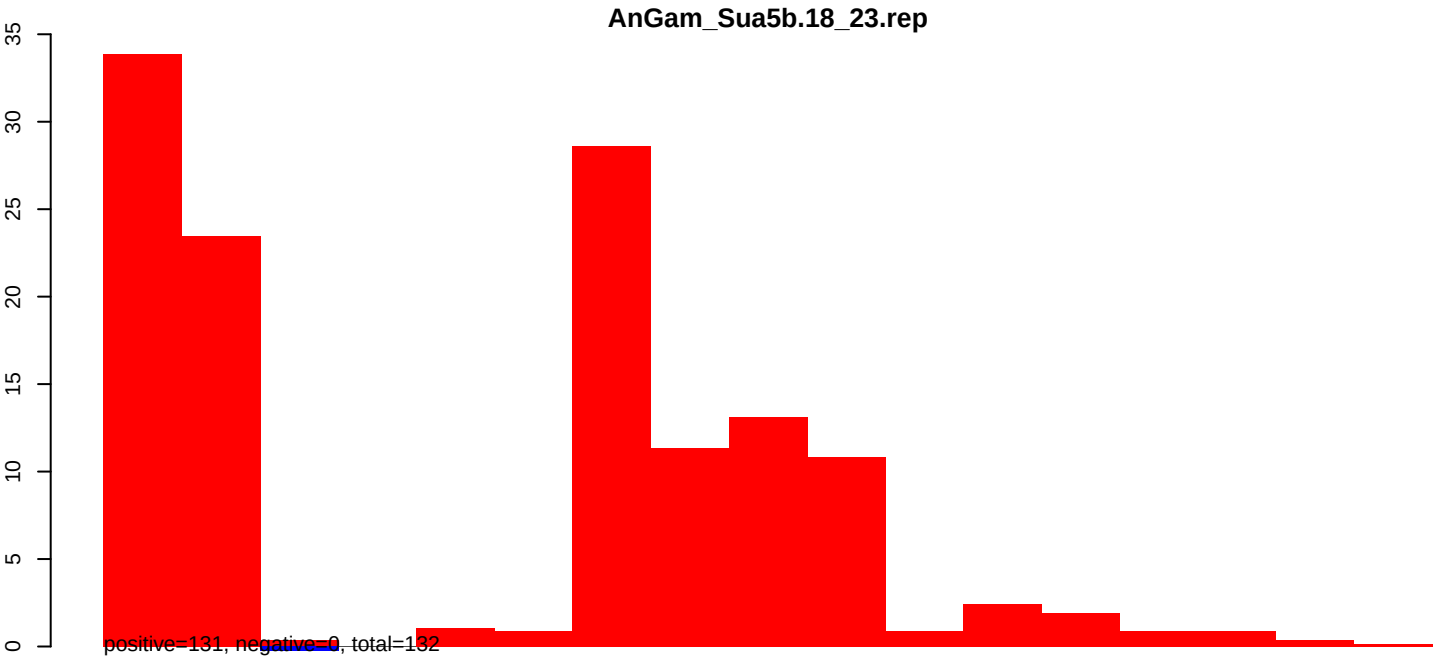

AnGam_Sua5b.18_23.rep
0
5
10
15
20
positive=228, negative=3, total=231

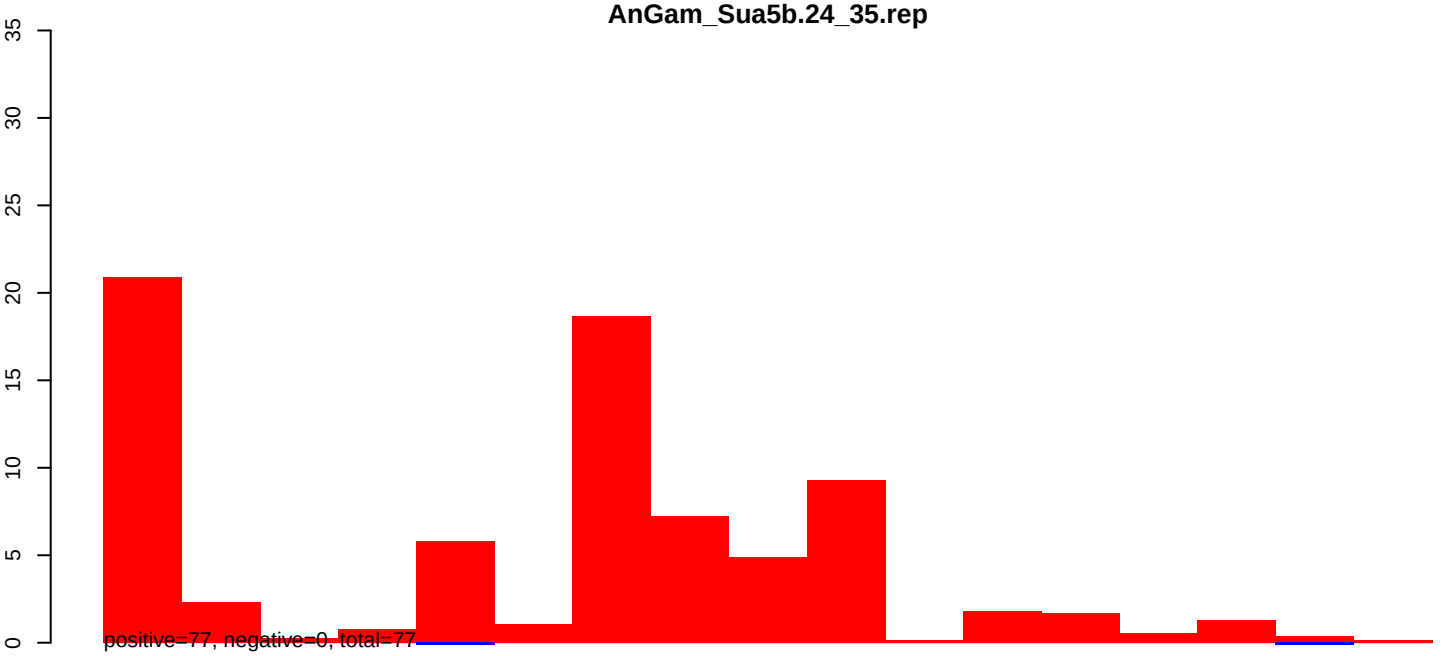

AnGam_Sua5b.24_35.rep
0
5
10
15
20
positive=39, negative=0, total=39

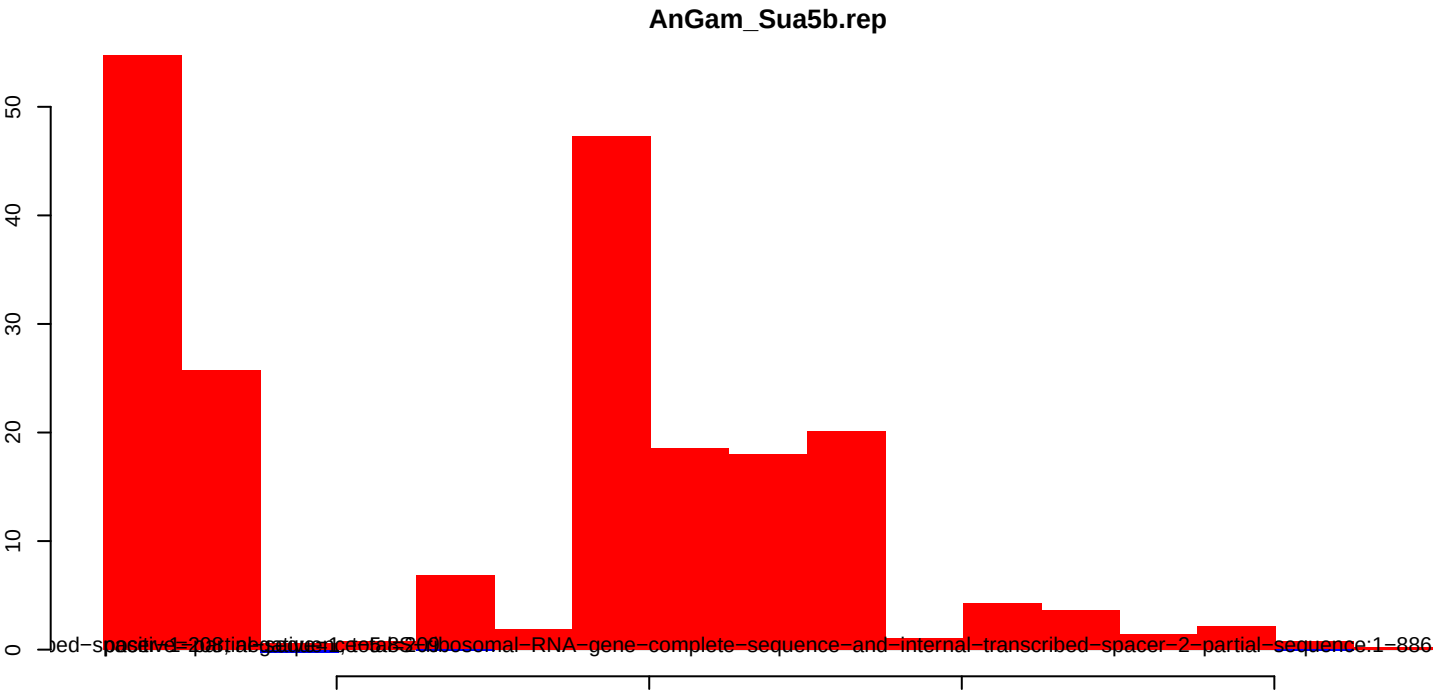

AnGam_Sua5b.rep
0
5
10
15
20
25
200
400
600
800
1000
1200
gi|425869643|gb|KC177276.1|Anopheles+gambiae+18S+ribosomal+RNA+gene+partial+sequence:1+1219

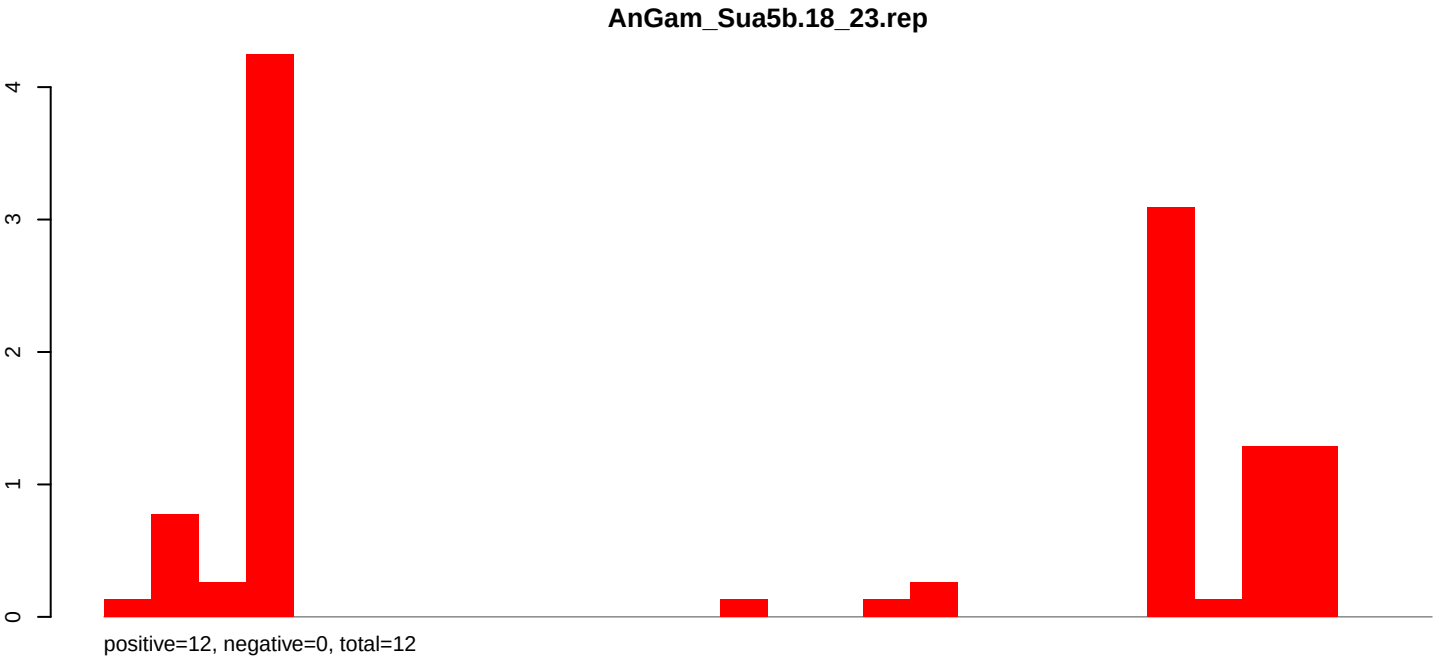

AnGam_Sua5b.18_23.rep
positive=97, negative=1, total=98
AnGam_Sua5b.24_35.rep
positive=24, negative=0, total=24
AnGam_Sua5b.rep
positive=121, negative=1, total=122
U10185 Anopheles gambiae 28S ribosomal RNA gene and ribosomal RNA intergenic spacer region partial sequence:1-1835
0
500
1000
1500

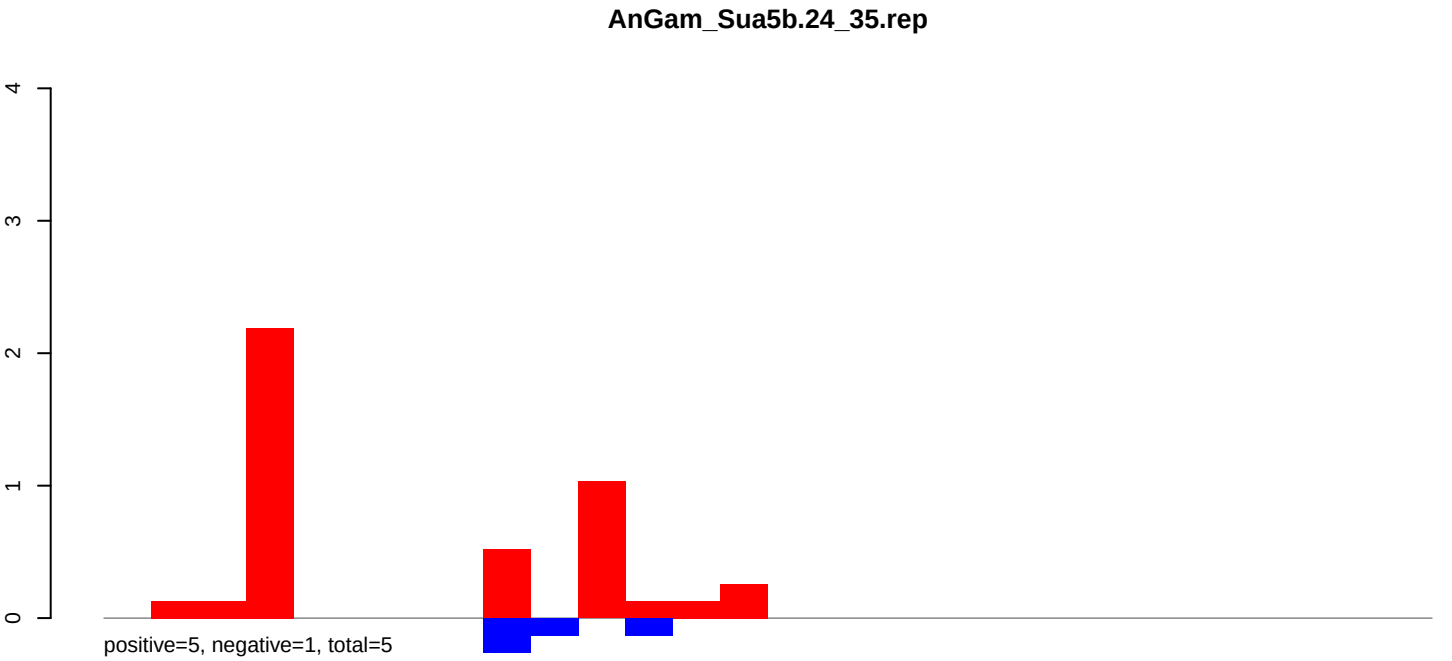

AnGam_Sua5b.18_23.rep
0
20
40
60
positive=246, negative=2, total=248
AnGam_Sua5b.24_35.rep
0
20
40
60
positive=90, negative=0, total=90
AnGam_Sua5b.rep
0
20
40
60
80
100
200
400
600
800
1000
1200

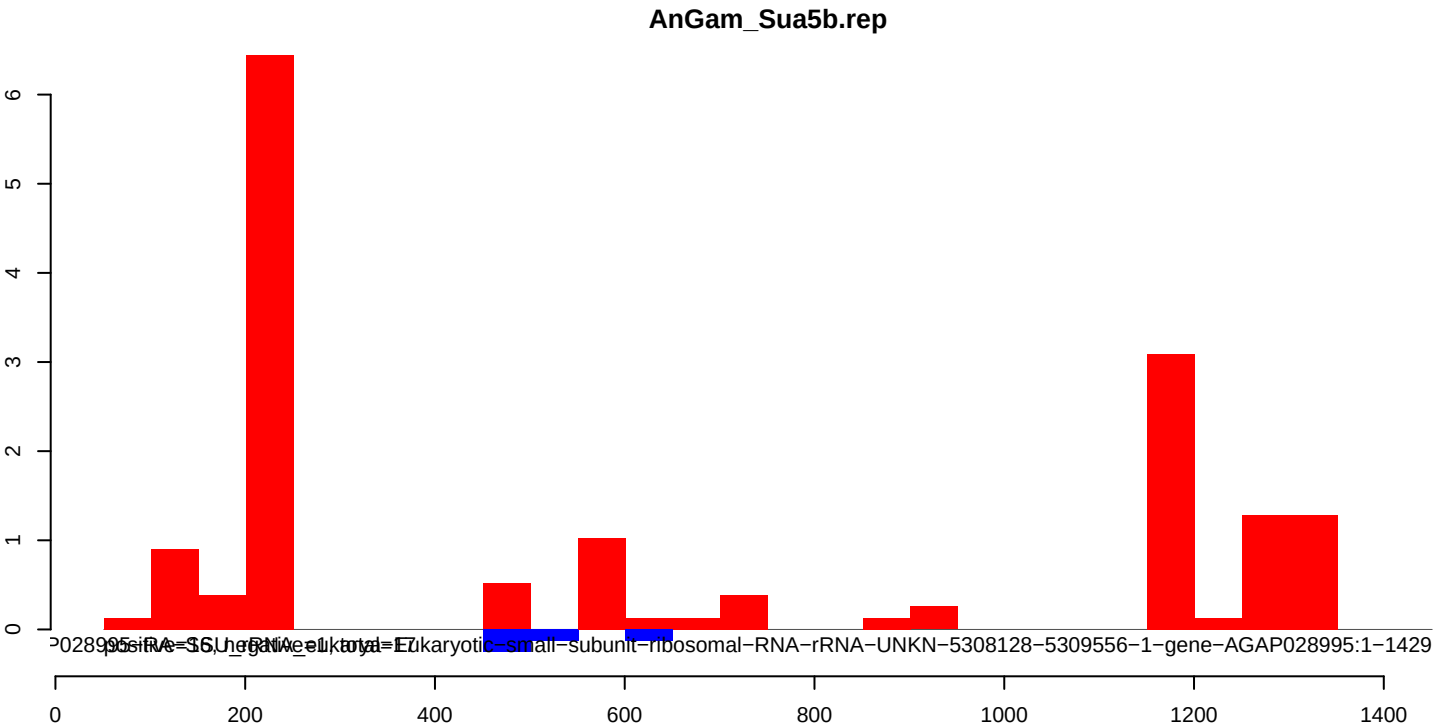

AnGam_Sua5b.18_23.rep
positive=131, negative=0, total=132

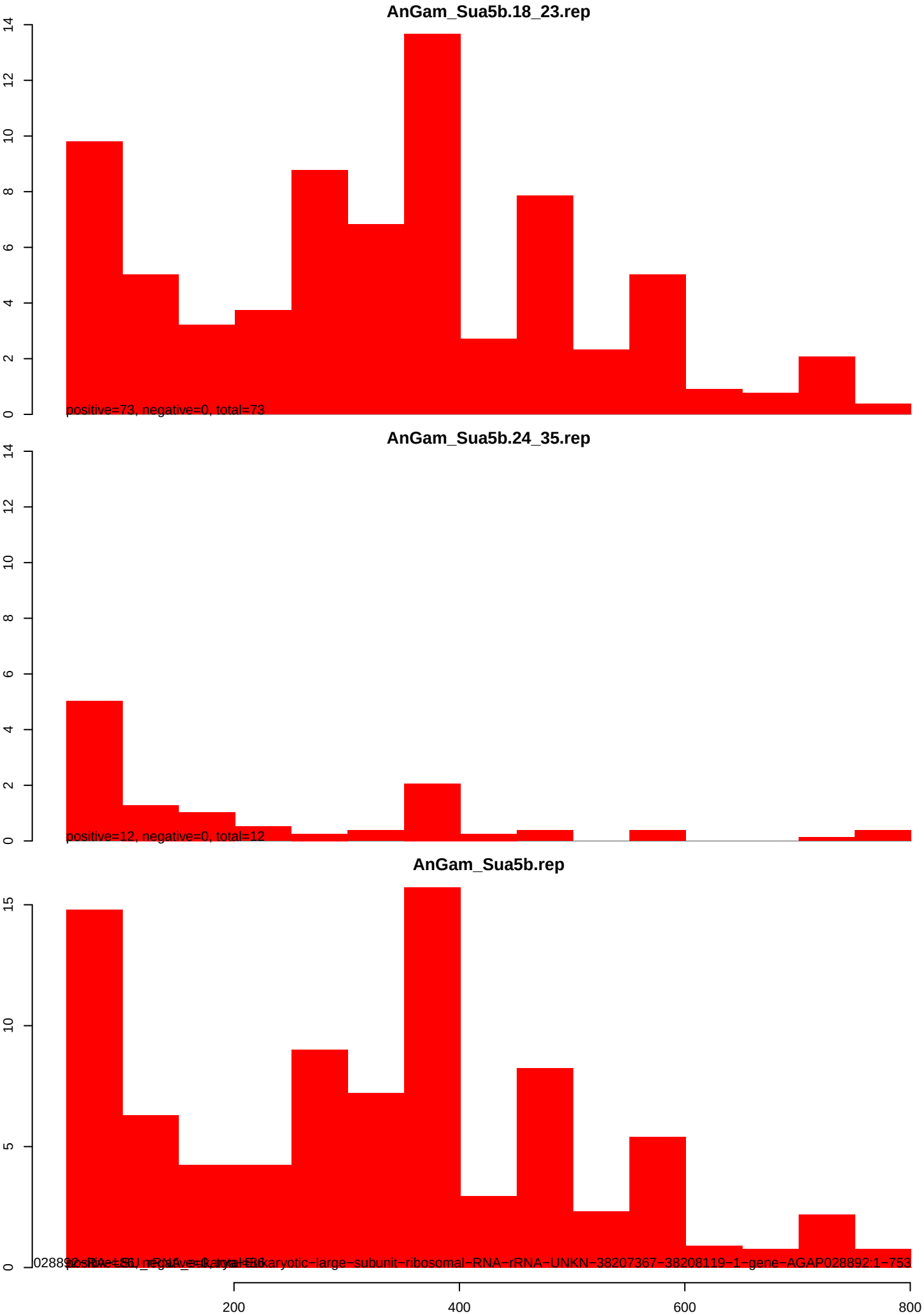

AnGam_Sua5b.24_35.rep
positive=77, negative=0, total=77

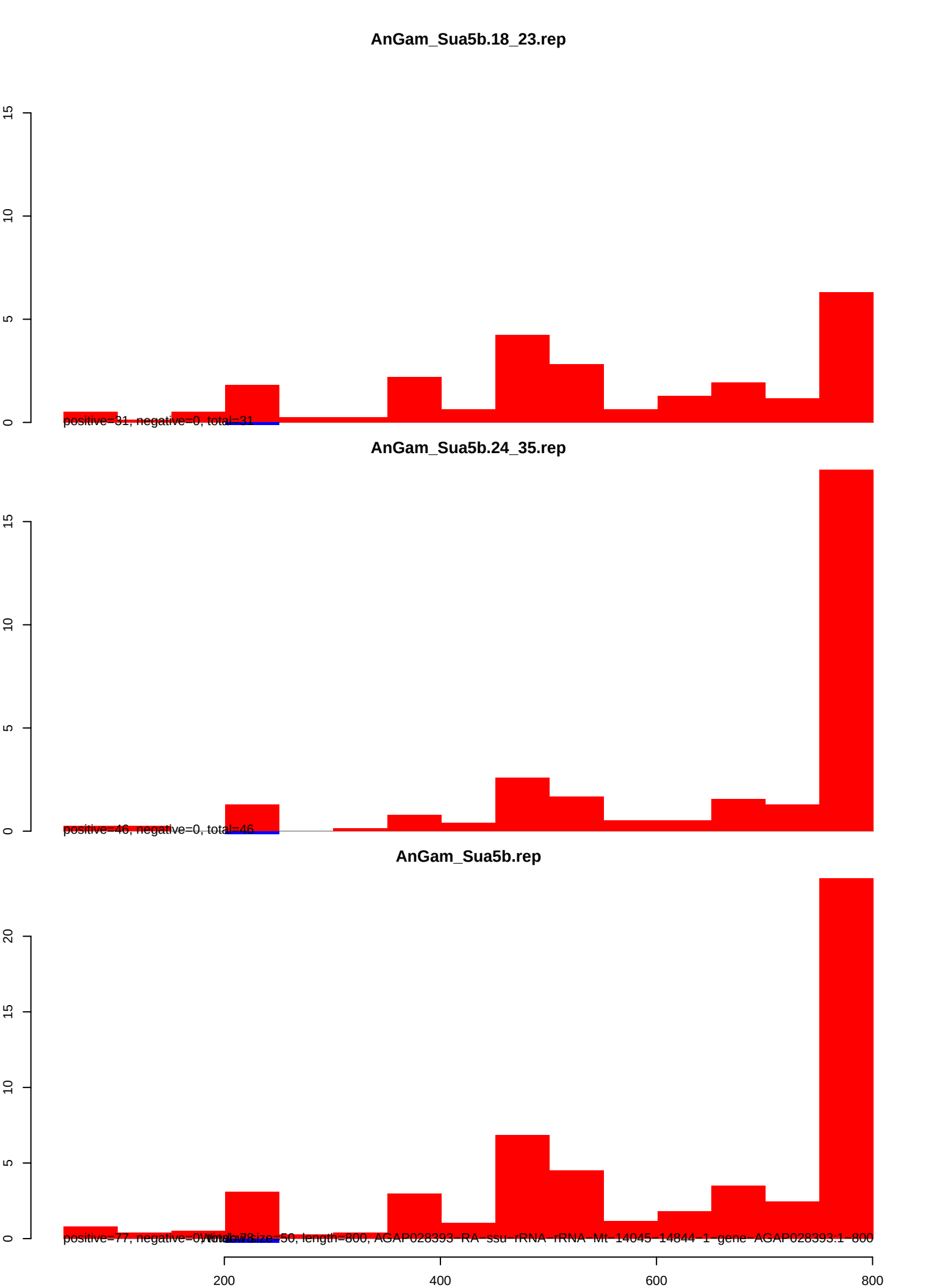

AnGam_Sua5b.rep
200
400
600
800

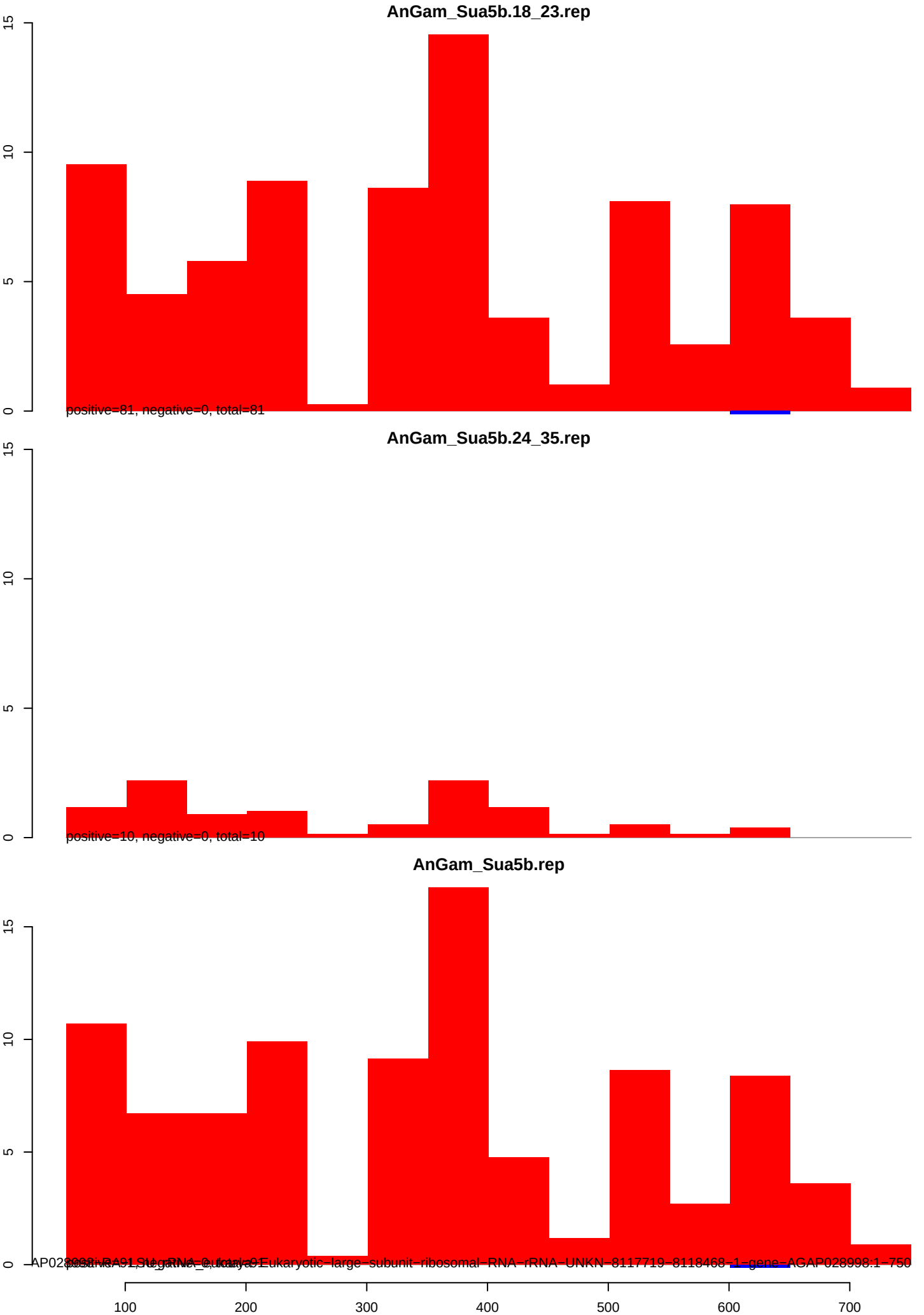

AnGam_Sua5b.18_23.rep
0
1
2
3
4
positive=12, negative=0, total=12

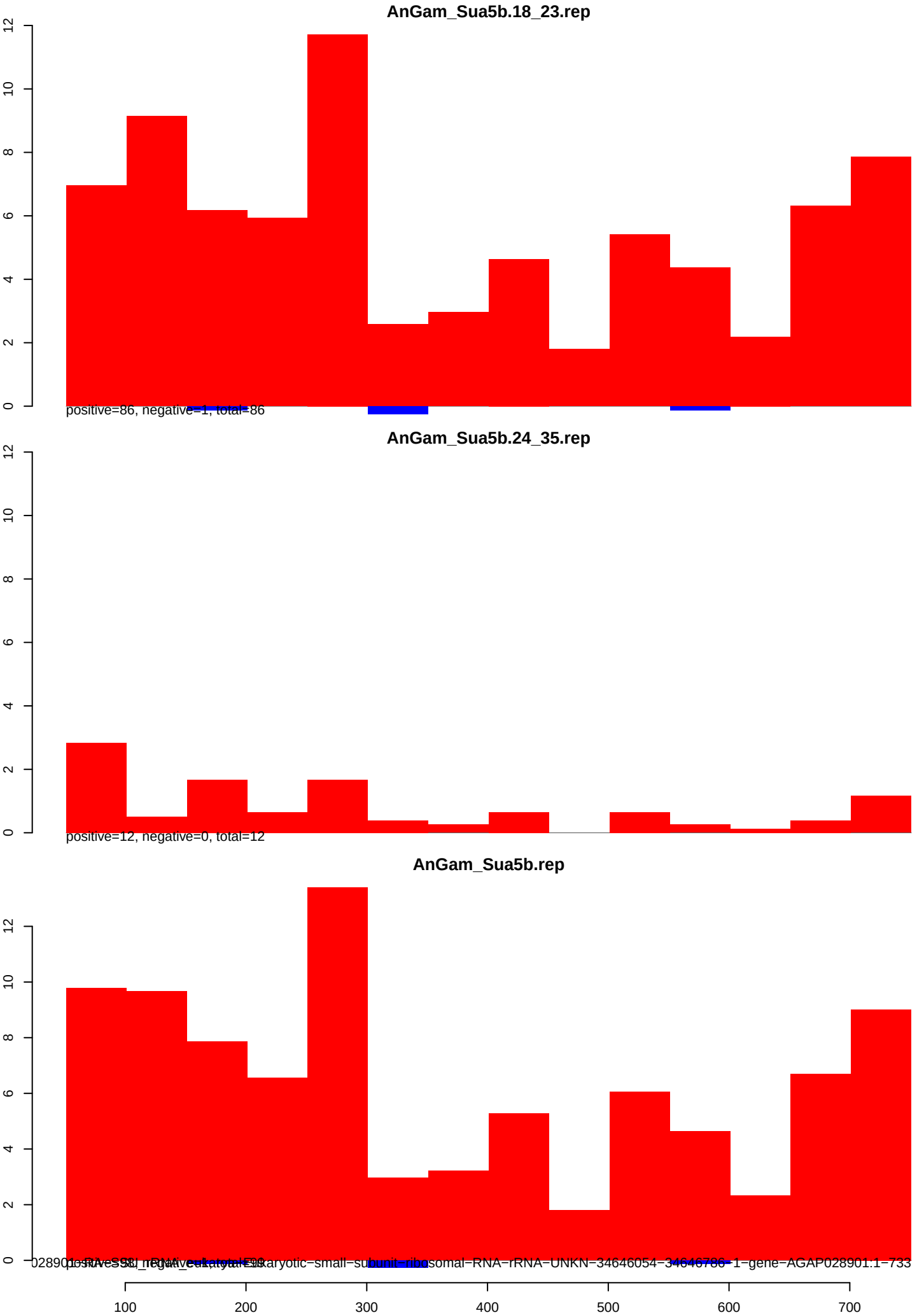

AnGam_Sua5b.24_35.rep
0
1
2
3
4
positive=5, negative=1, total=5

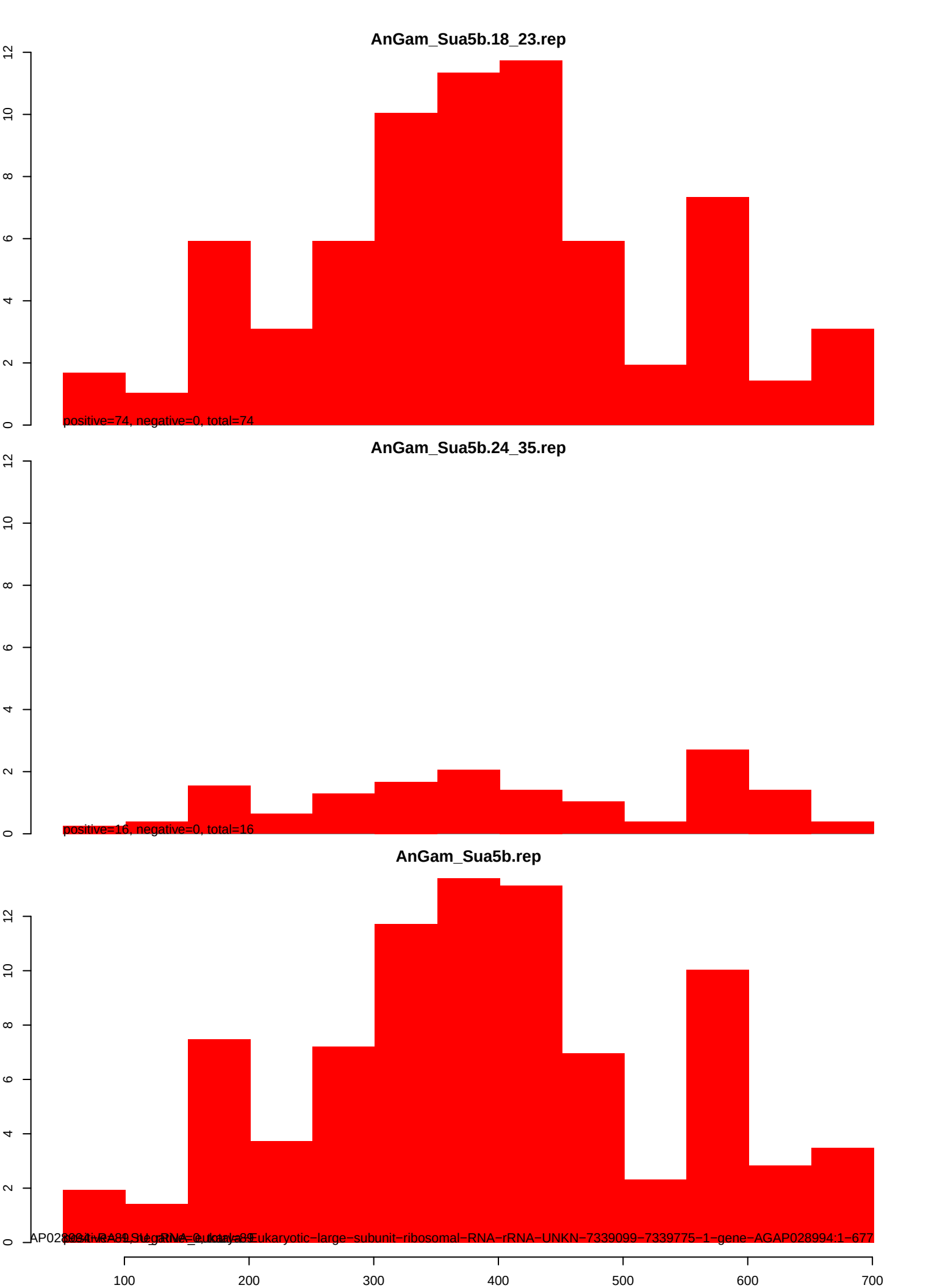

AnGam_Sua5b.rep
0
1
2
3
4
5
6
positive=16, negative=1, total=17
Eukaryotic−small−subunit−ribosomal−RNA−rRNA−UNKN−5308128−5309556−1−gene−AGAP028995:1−1429
0
200
400
600
800
1000
1200
1400

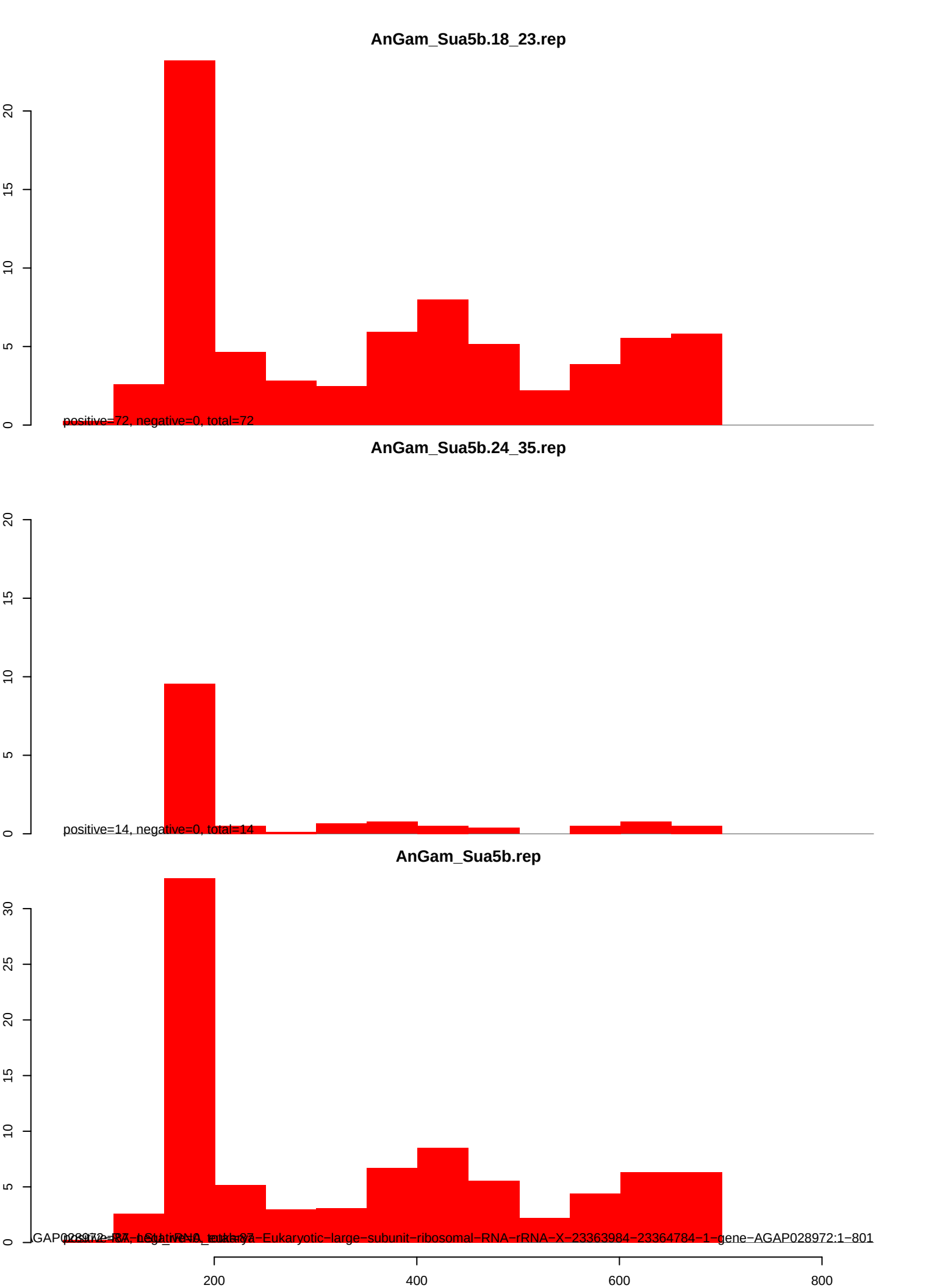

AnGam_Sua5b.18_23.rep
positive=73, negative=0, total=73
AnGam_Sua5b.24_35.rep
positive=12, negative=0, total=12
AnGam_Sua5b.rep
200
400
600
800

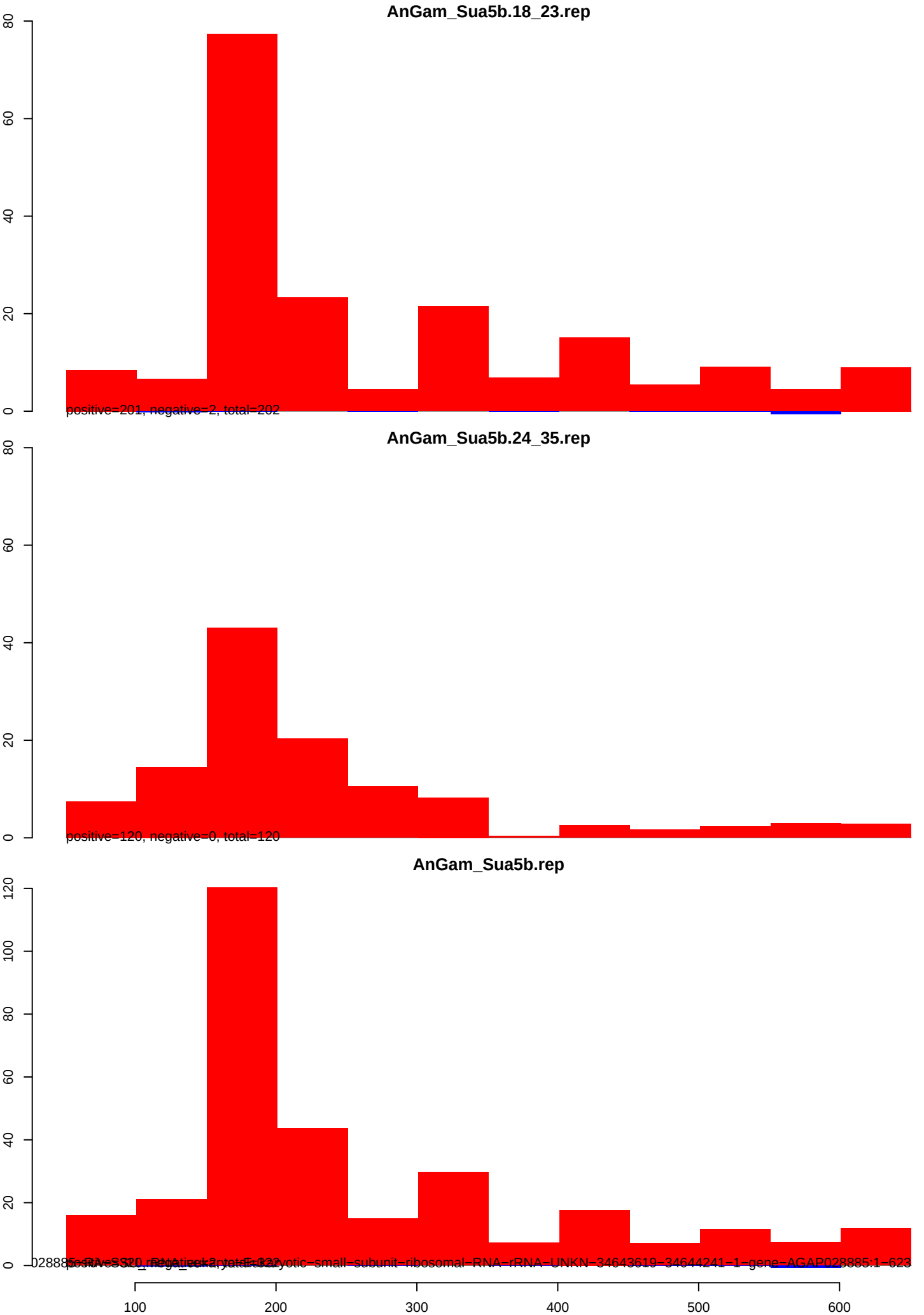

AnGam_Sua5b.18_23.rep
0
5
10
15
positive=31, negative=0, total=31
AnGam_Sua5b.24_35.rep
0
5
10
15
positive=46, negative=0, total=46
AnGam_Sua5b.rep
0
5
10
15
20
positive=77, negative=0, total=77, bin size=50, length=800, AGAP028393-RA-ssu-rRNA-rRNA-Mt-14045-14844-1-gene-AGAP028393:1-800
200
400
600
800

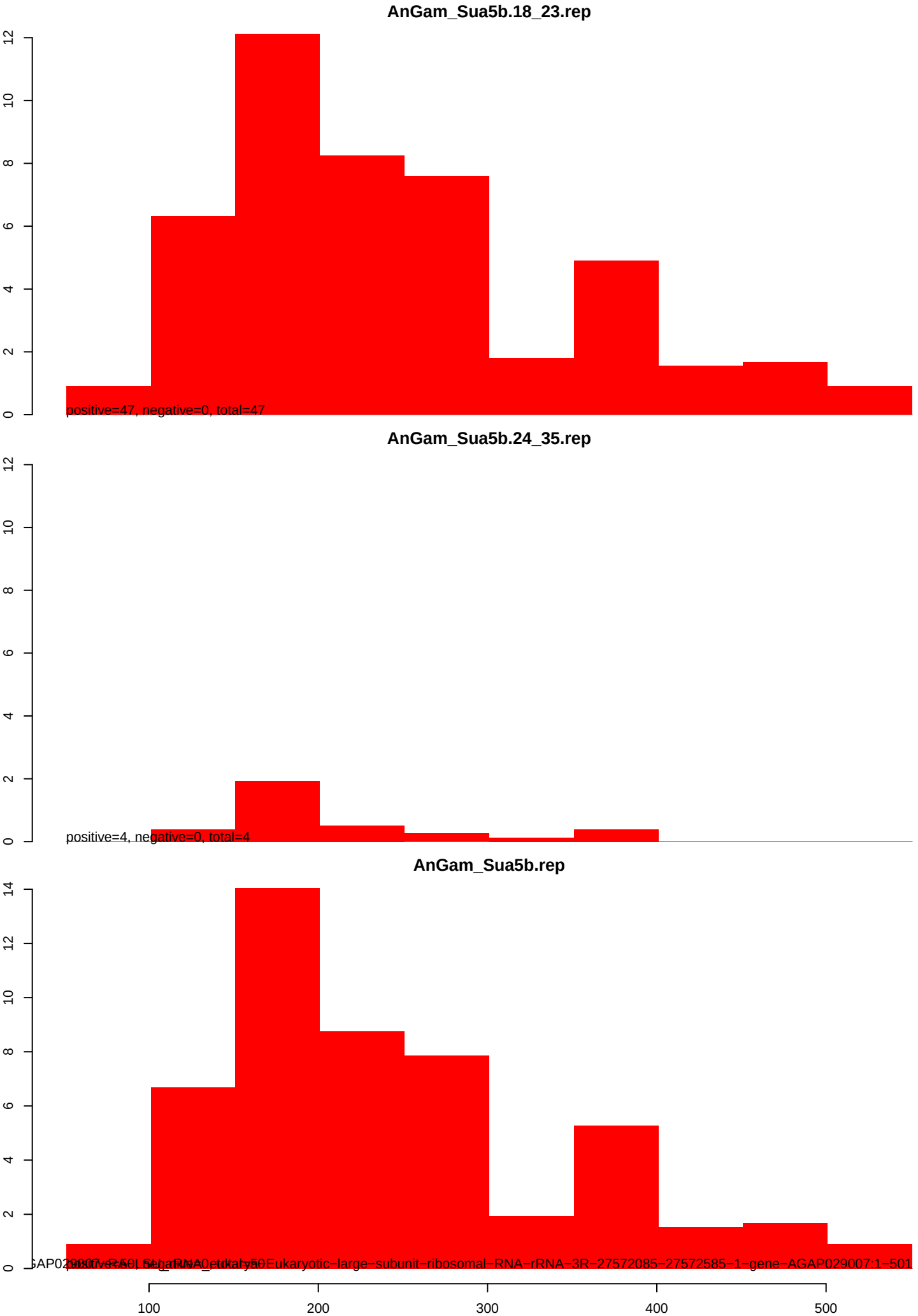

AnGam_Sua5b.18_23.rep
positive=81, negative=0, total=81
AnGam_Sua5b.24_35.rep
positive=10, negative=0, total=10
AnGam_Sua5b.rep
AP028998:1-750
100
200
300
400
500
600
700

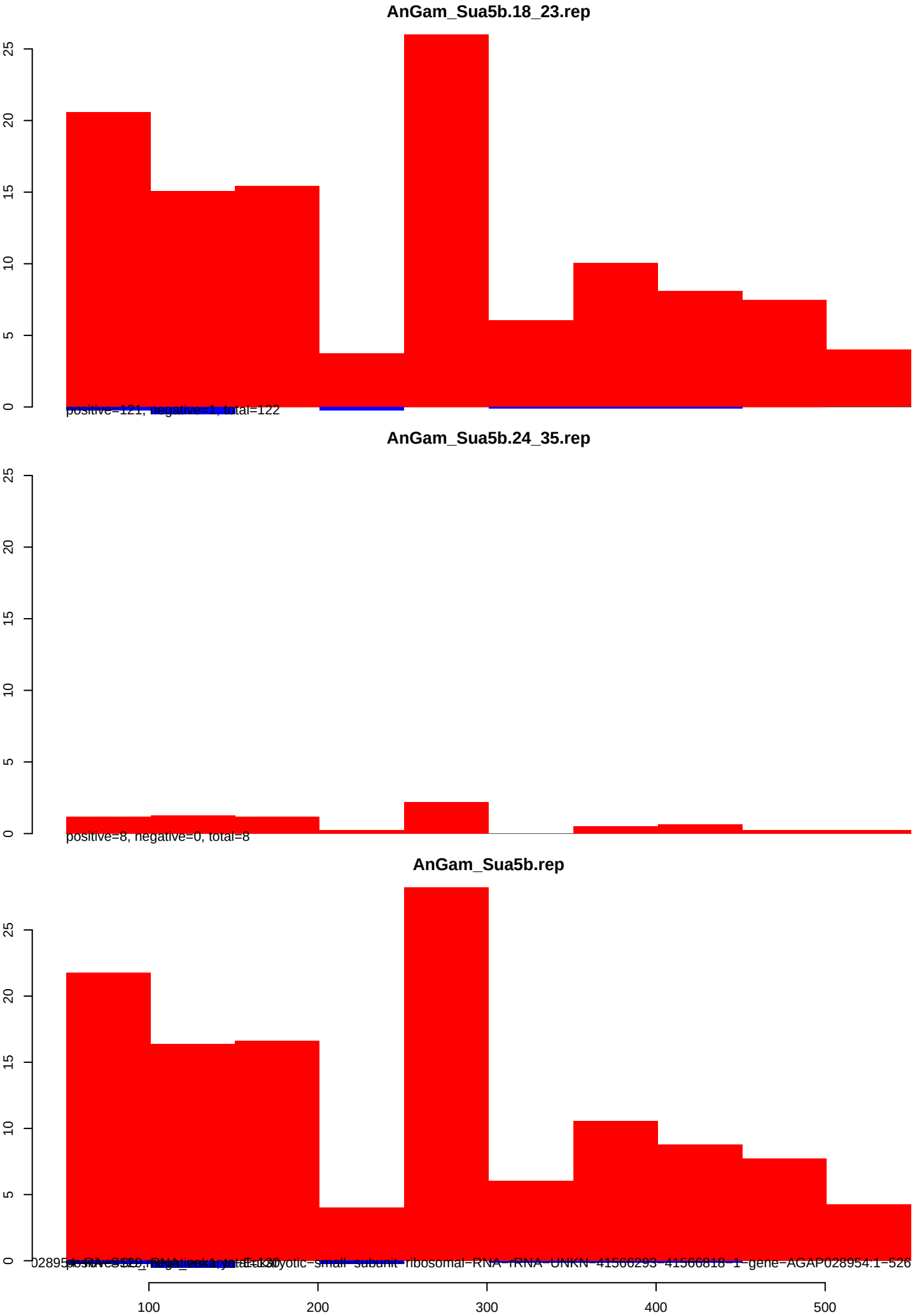

AnGam_Sua5b.18_23.rep
positive=86, negative=1, total=86
AnGam_Sua5b.24_35.rep
positive=12, negative=0, total=12
AnGam_Sua5b.rep
100
200
300
400
500
600
700

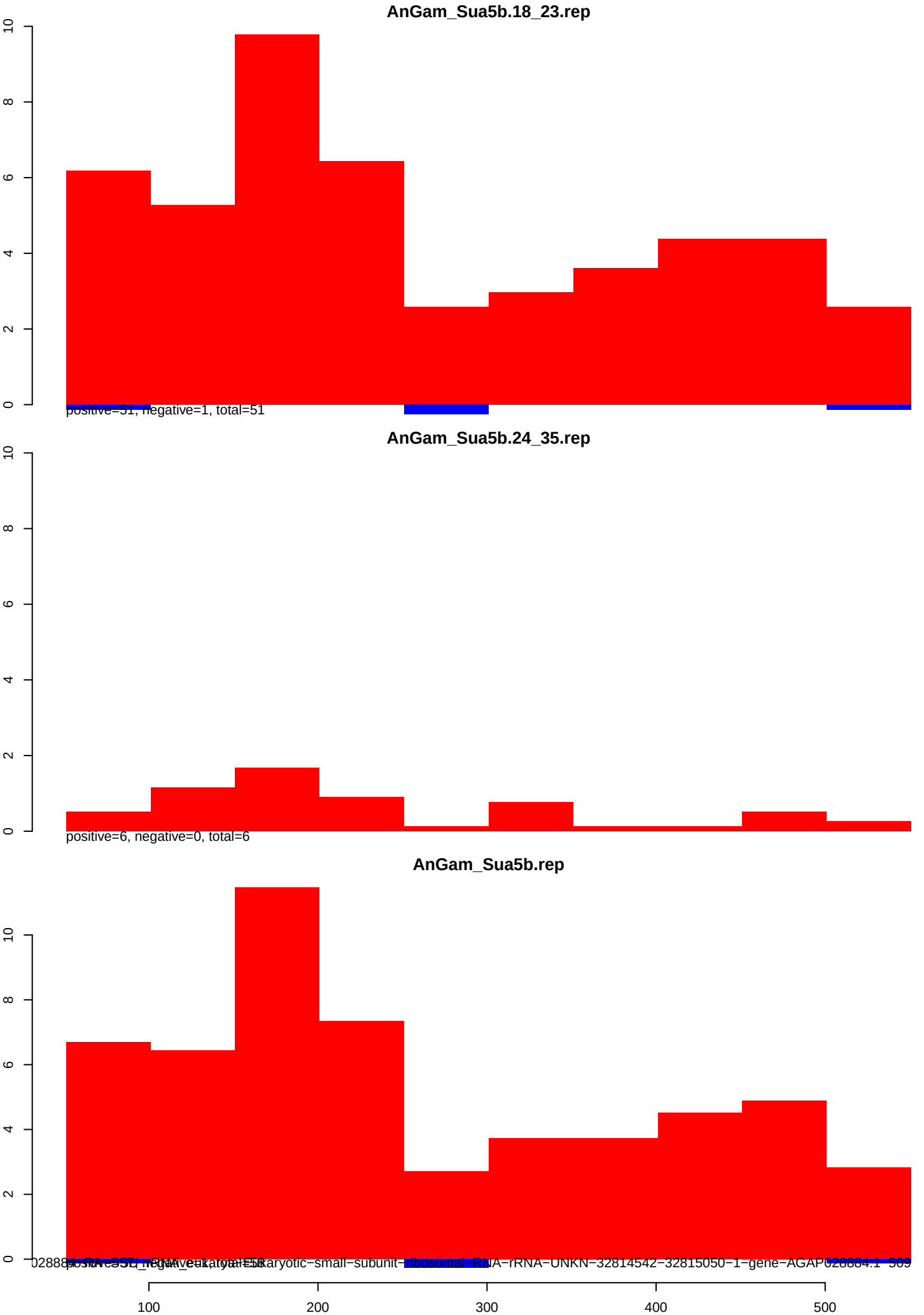

AnGam_Sua5b.18_23.rep
positive=74, negative=0, total=74
AnGam_Sua5b.24_35.rep
positive=16, negative=0, total=16
AnGam_Sua5b.rep
AP028994:1-677 Eukaryotic large subunit ribosomal RNA rRNA UNKN 7339099 7339775 1 gene AGAP028994:1-677
0
2
4
6
8
10
12
100
200
300
400
500
600
700

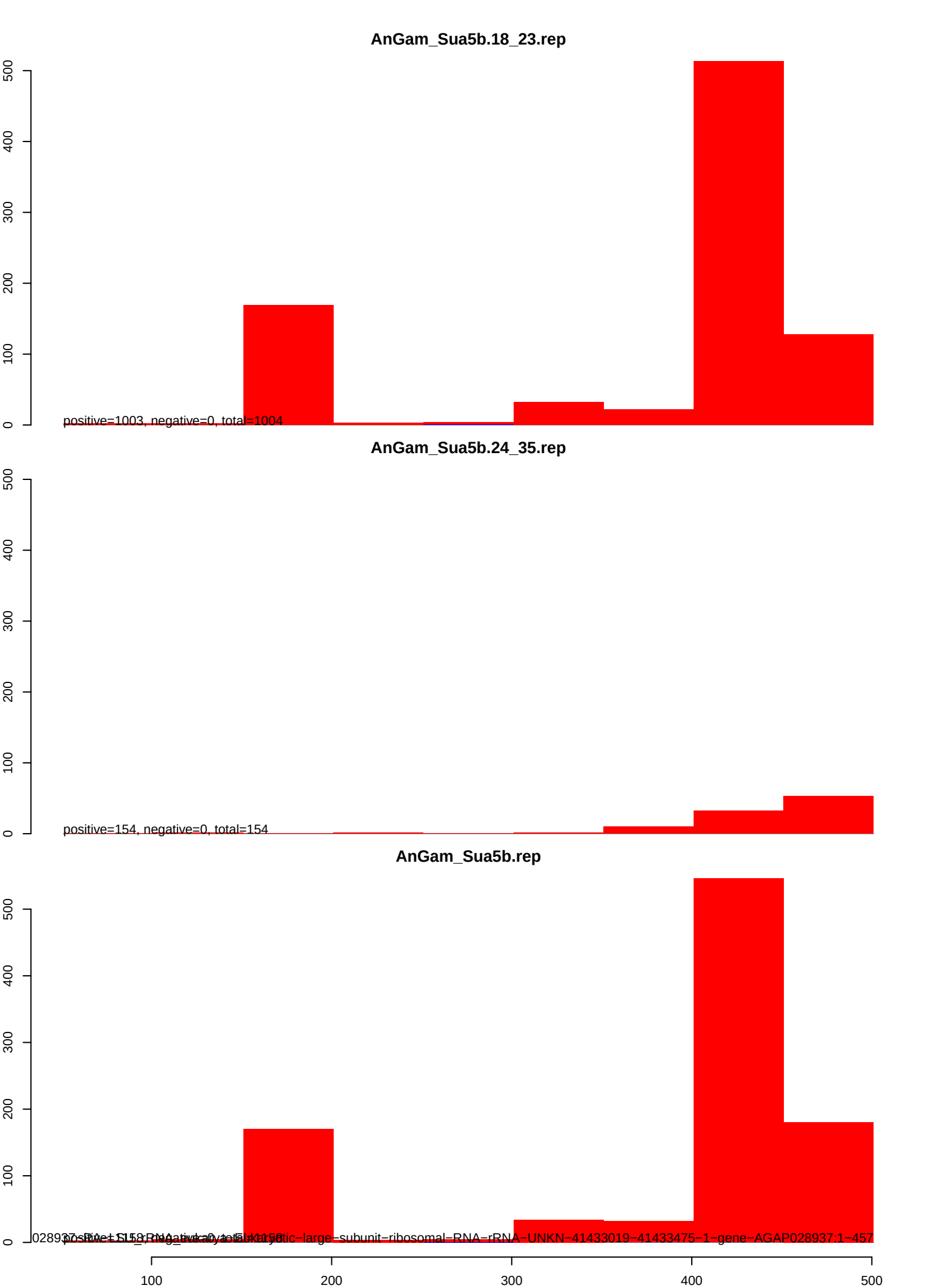

AnGam_Sua5b.18_23.rep
positive=72, negative=0, total=72
AnGam_Sua5b.24_35.rep
positive=14, negative=0, total=14
AnGam_Sua5b.rep
AGAP028972-RA, negative=0, total=87-Eukaryotic-large-subunit-ribosomal-RNA-rRNA-X-23363984-23364784-1-gene-AGAP028972:1-801
0
5
10
15
20
25
30
200
400
600
800

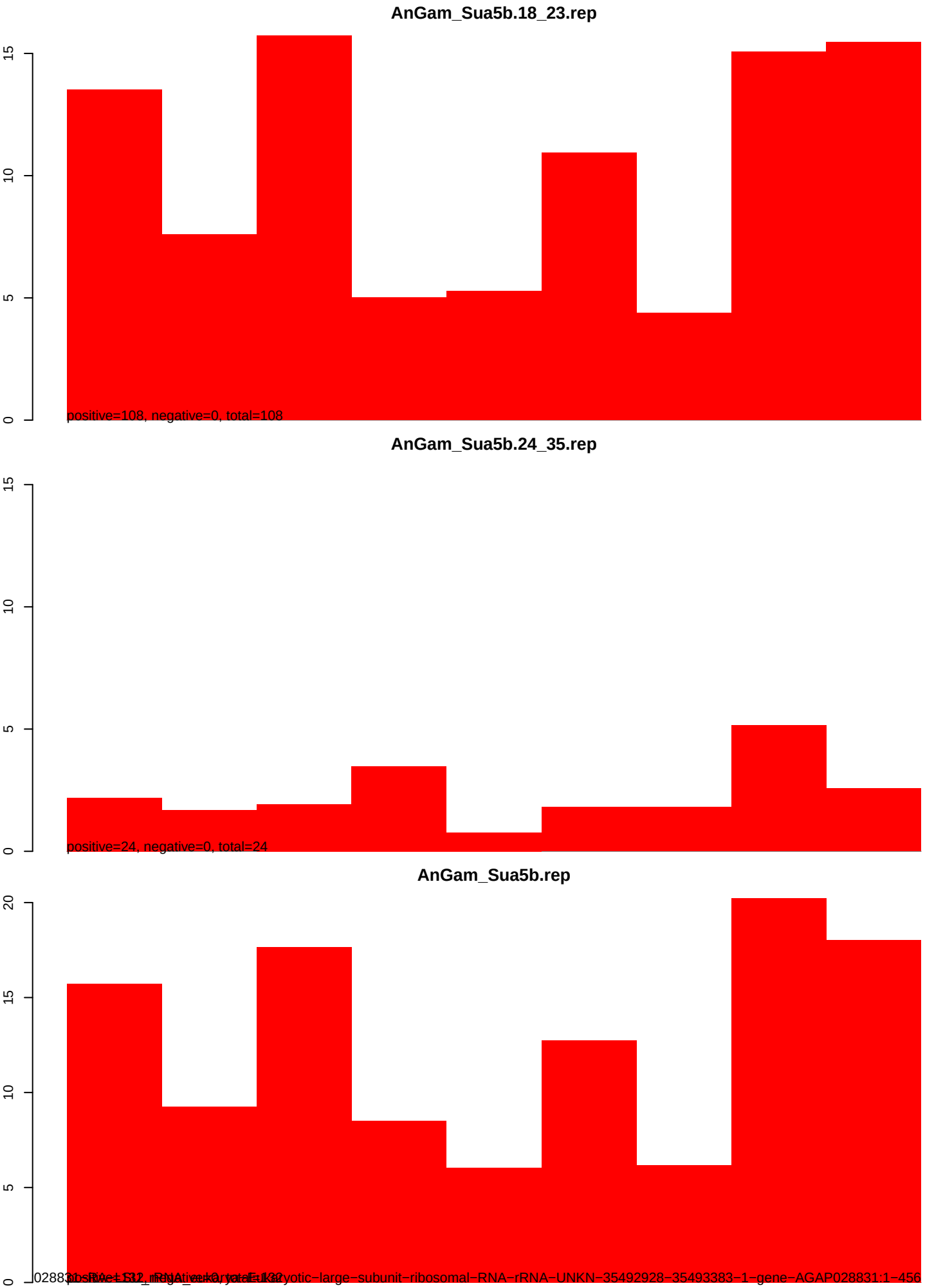

AnGam_Sua5b.18_23.rep
positive=201, negative=2, total=202
AnGam_Sua5b.24_35.rep
positive=120, negative=0, total=120
AnGam_Sua5b.rep
0
20
40
60
80
100
120
100
200
300
400
500
600

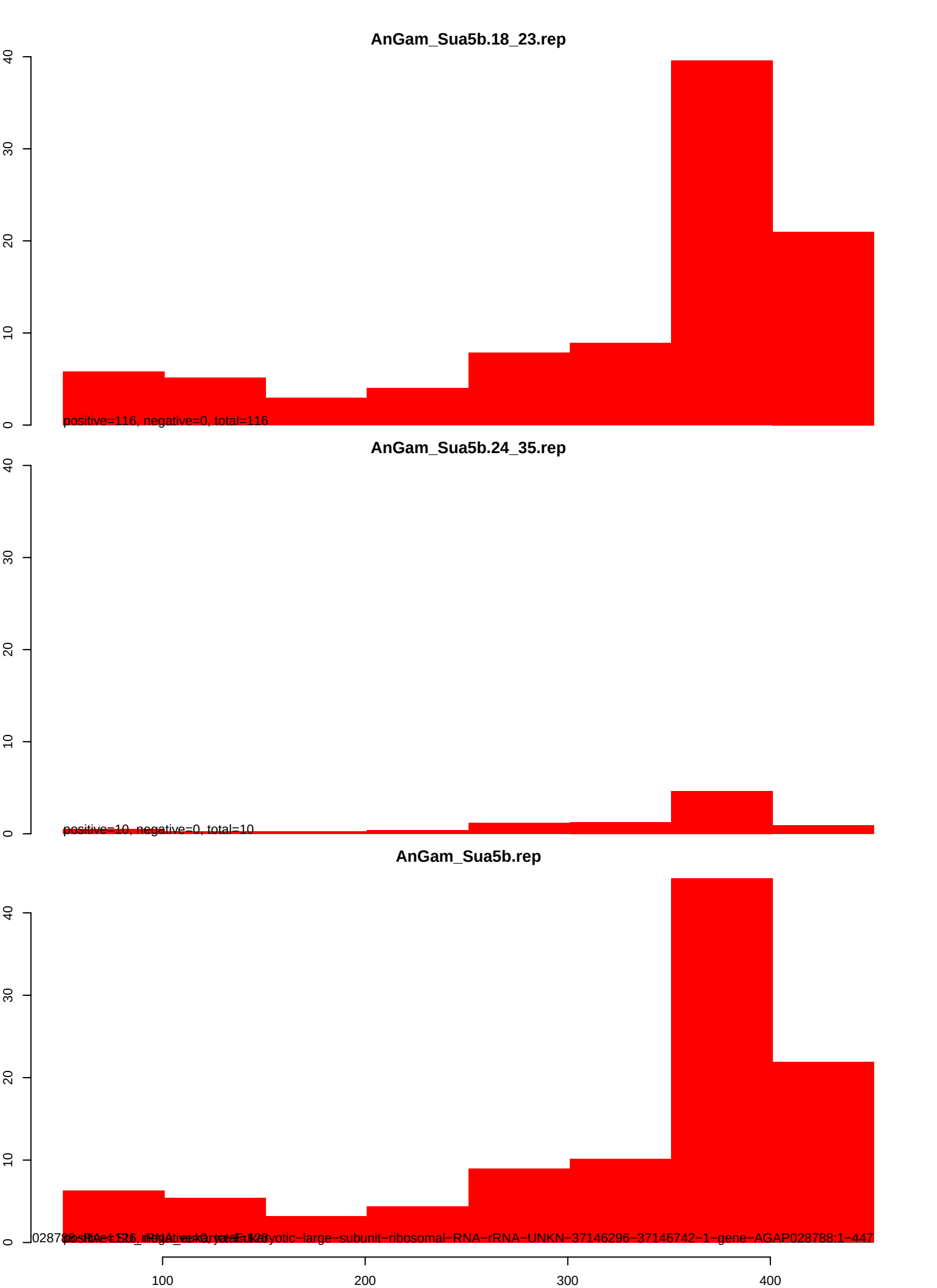

AnGam_Sua5b.18_23.rep
positive=47, negative=0, total=47
AnGam_Sua5b.24_35.rep
positive=4, negative=0, total=4
AnGam_Sua5b.rep
0
2
4
6
8
10
12
14
100
200
300
400
500

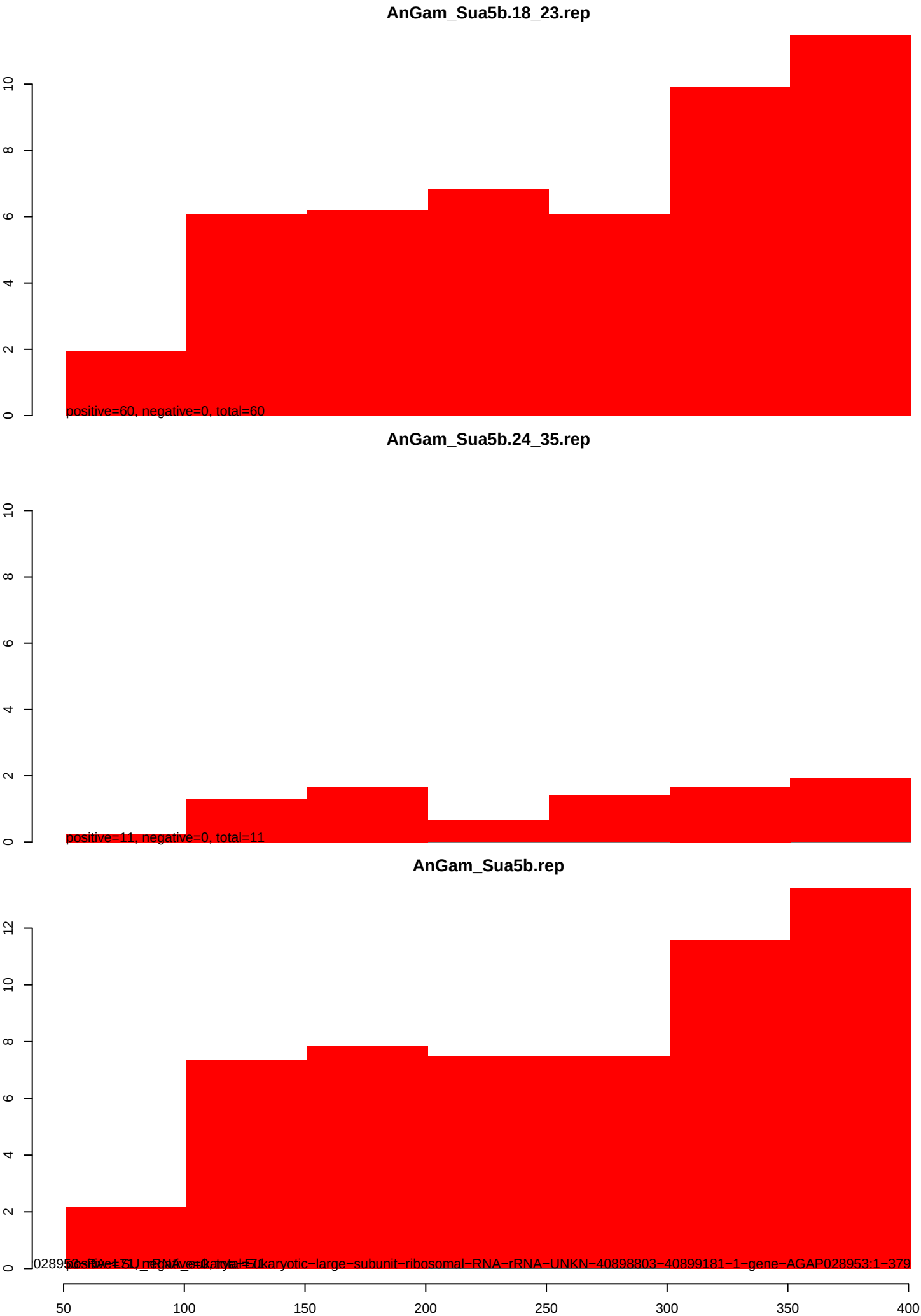

AnGam_Sua5b.18_23.rep
positive=121, negative=1, total=122
AnGam_Sua5b.24_35.rep
positive=8, negative=0, total=8
AnGam_Sua5b.rep
0 5 10 15 20 25
100 200 300 400 500

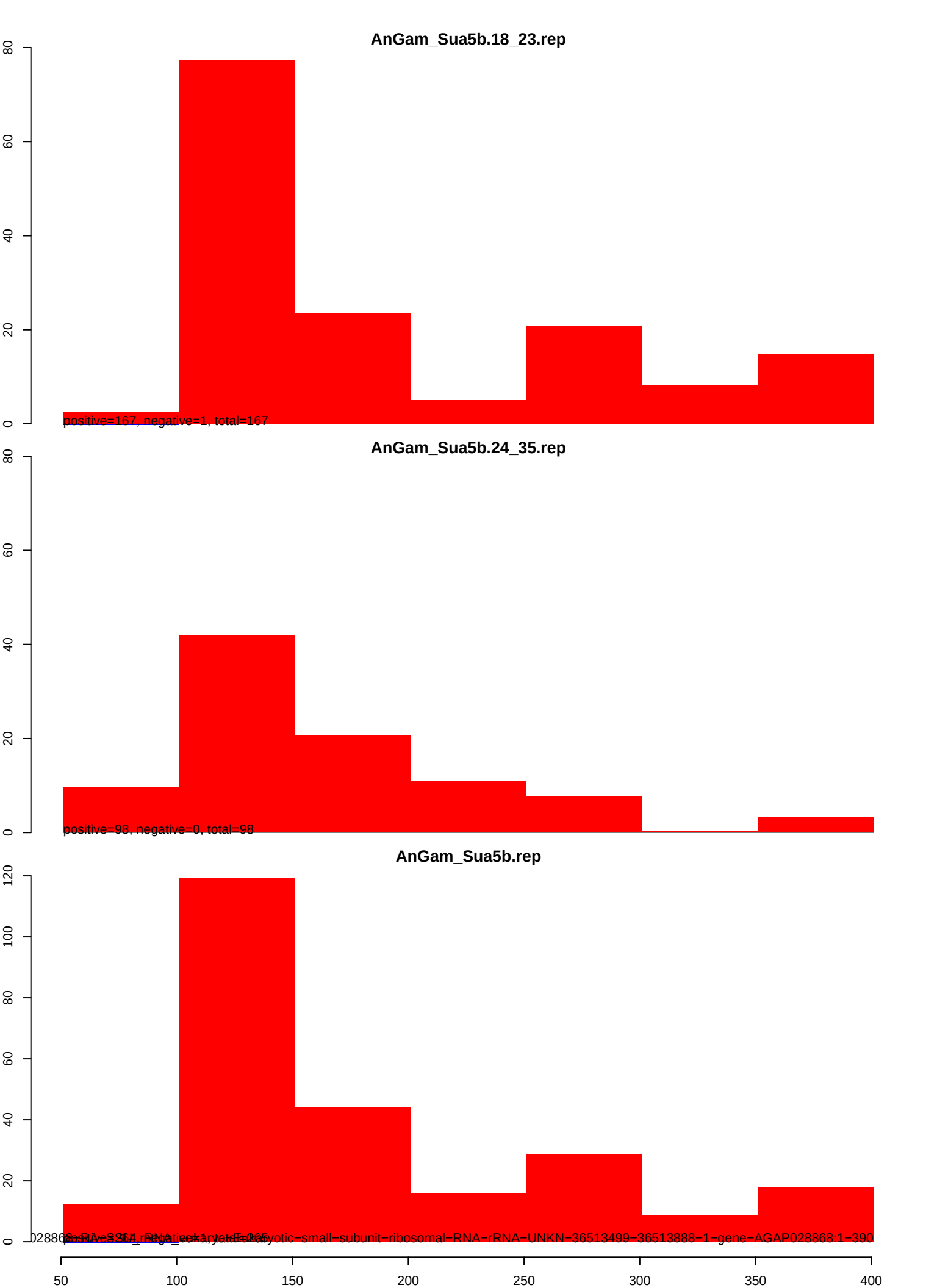

AnGam_Sua5b.18_23.rep
positive=51, negative=1, total=51
AnGam_Sua5b.24_35.rep
positive=6, negative=0, total=6
AnGam_Sua5b.rep
100
200
300
400
500

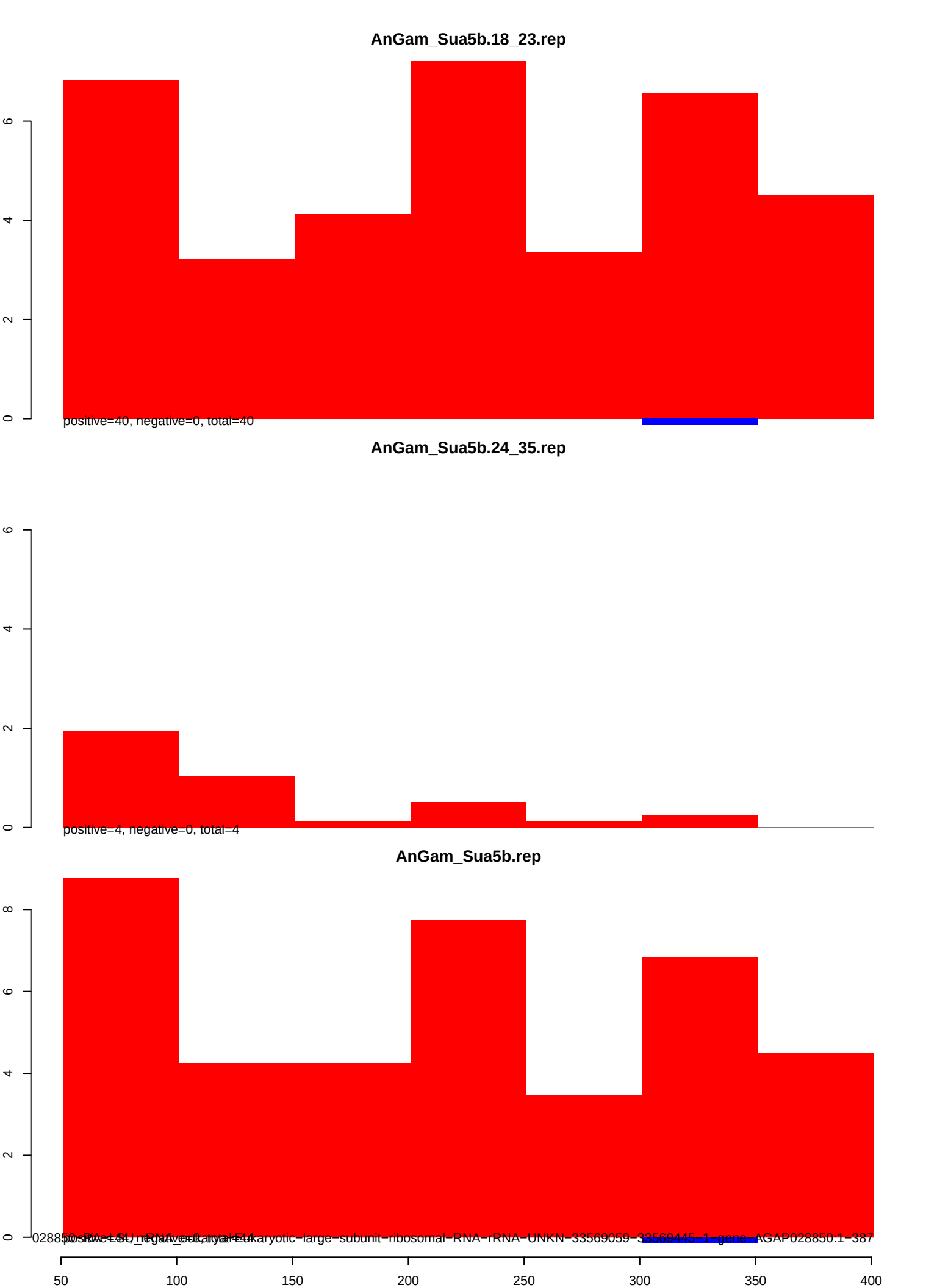

AnGam_Sua5b.18_23.rep
positive=1003, negative=0, total=1004
AnGam_Sua5b.24_35.rep
positive=154, negative=0, total=154
AnGam_Sua5b.rep
0
100
200
300
400
500

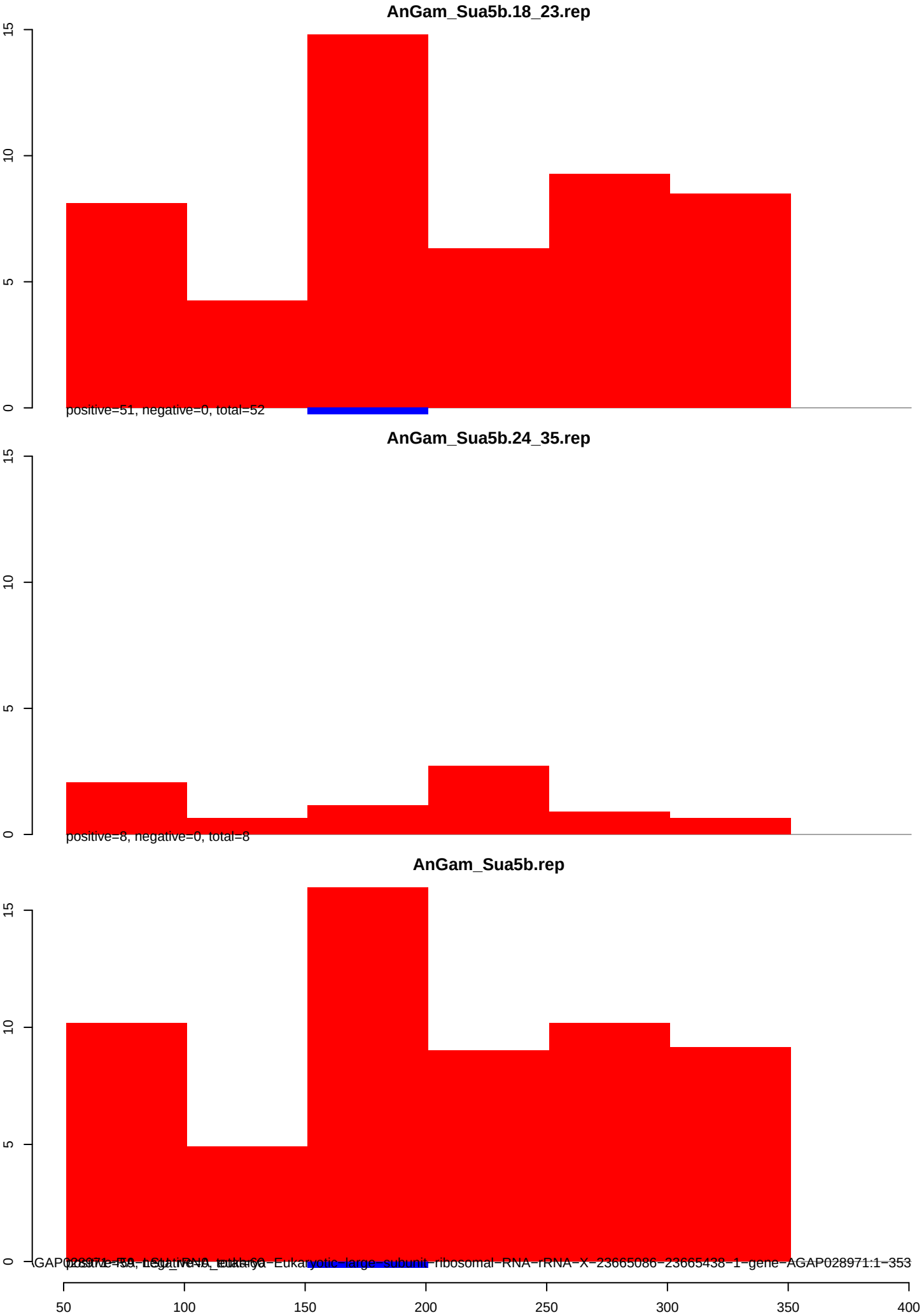

AnGam_Sua5b.18_23.rep
positive=108, negative=0, total=108
AnGam_Sua5b.24_35.rep
positive=24, negative=0, total=24
AnGam_Sua5b.rep
0
5
10
15
20
100
200
300
400
500

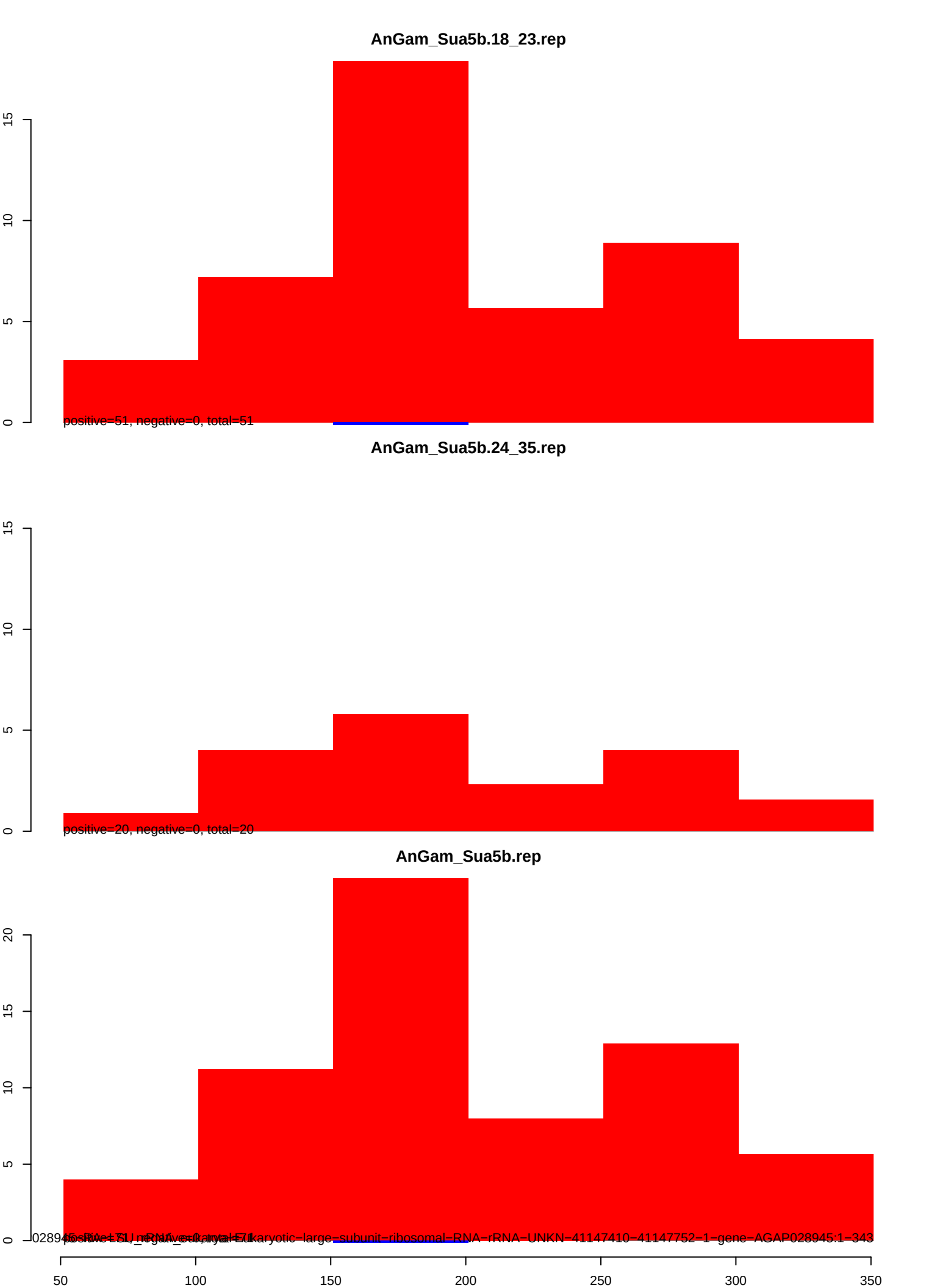

AnGam_Sua5b.18_23.rep
positive=116, negative=0, total=116
AnGam_Sua5b.24_35.rep
positive=10, negative=0, total=10
AnGam_Sua5b.rep
0 10 20 30 40
100 200 300 400

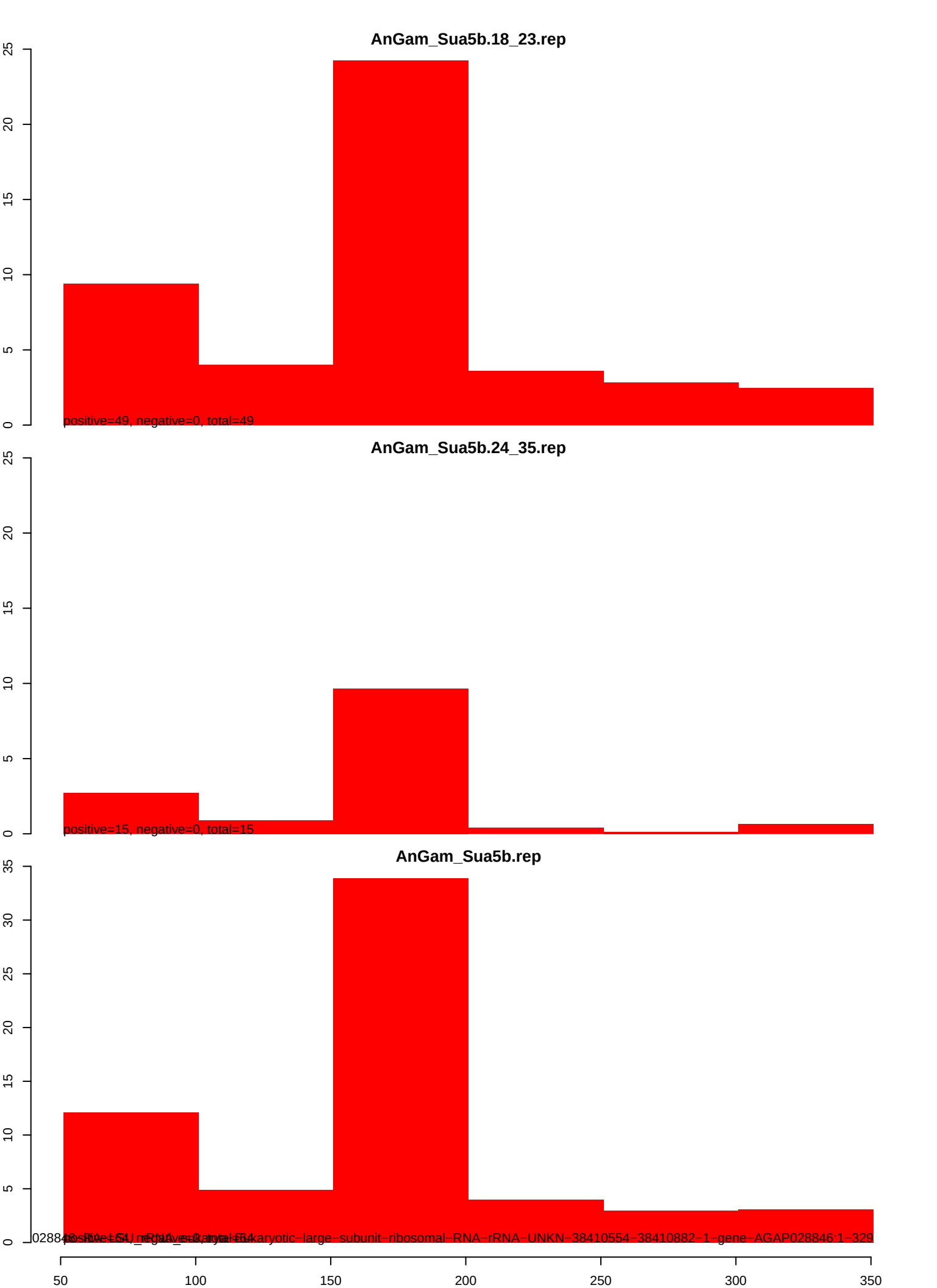

AnGam_Sua5b.18_23.rep
positive=60, negative=0, total=60
AnGam_Sua5b.24_35.rep
positive=11, negative=0, total=11
AnGam_Sua5b.rep
0
2
4
6
8
10
12
50
100
150
200
250
300
350
400

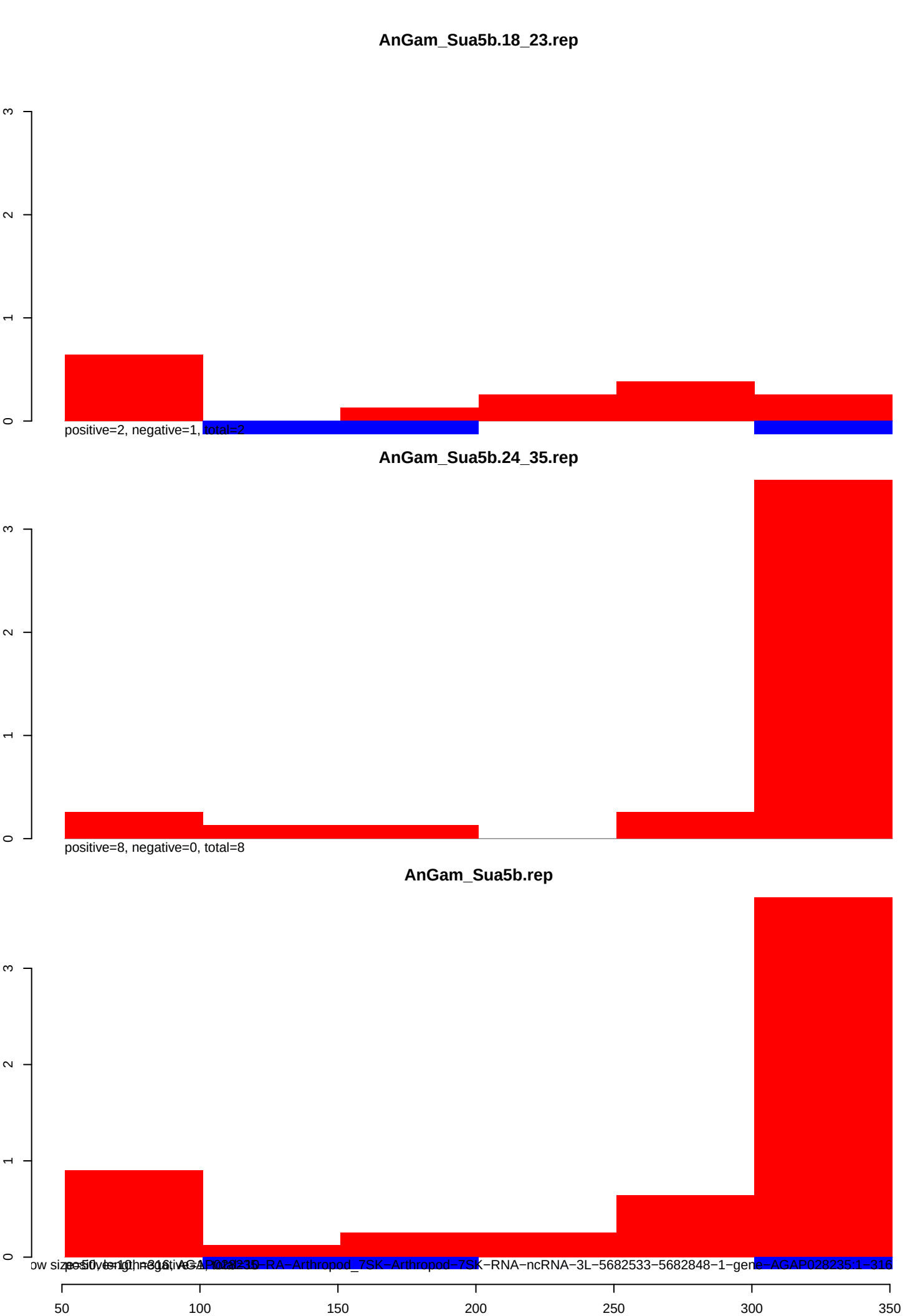

AnGam_Sua5b.18_23.rep
positive=167, negative=1, total=167
AnGam_Sua5b.24_35.rep
positive=98, negative=0, total=98
AnGam_Sua5b.rep
0 20 40 60 80
0 20 40 60 80
0 20 40 60 80 100 120
50 100 150 200 250 300 350 400

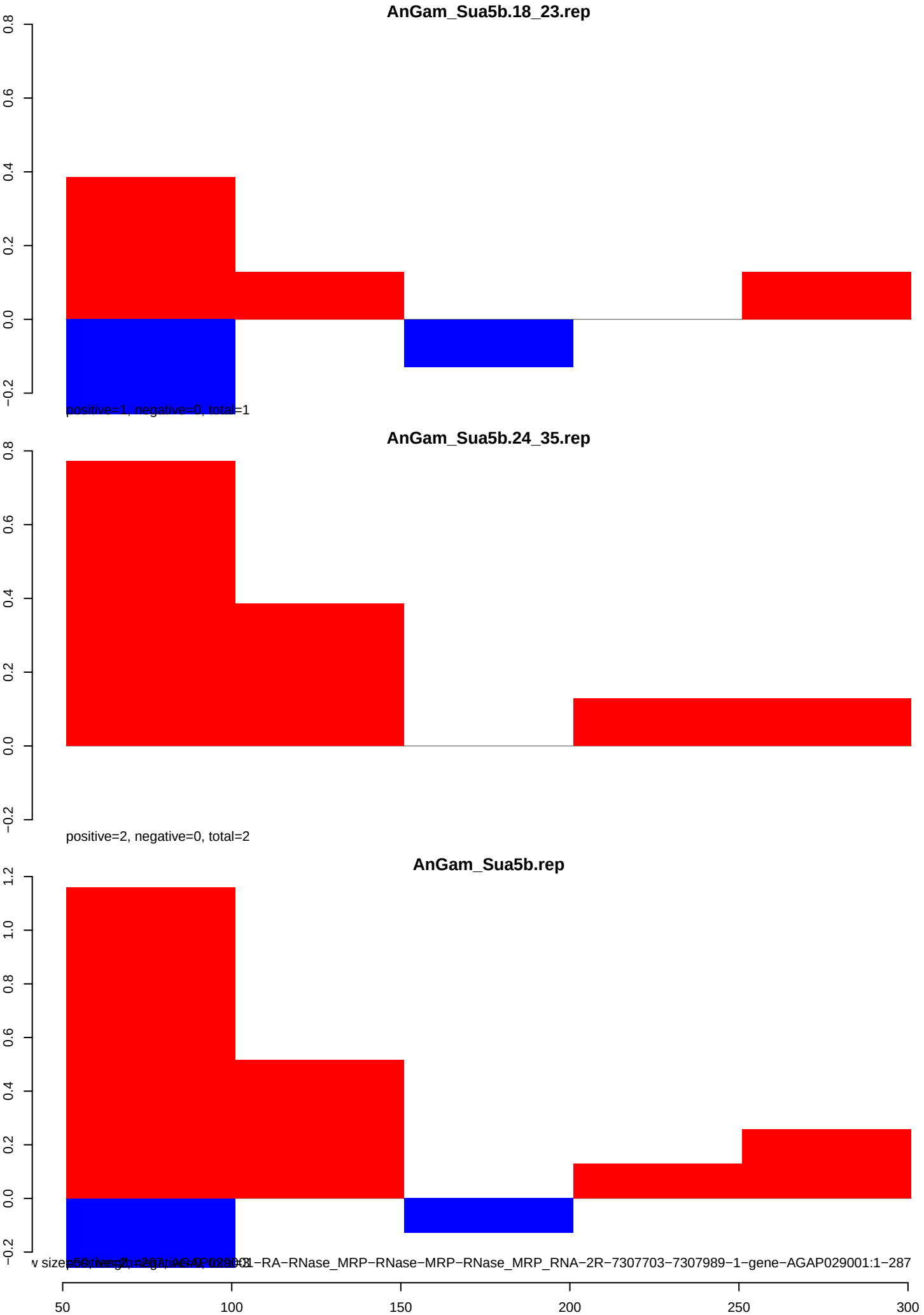

AnGam_Sua5b.18_23.rep
positive=40, negative=0, total=40
AnGam_Sua5b.24_35.rep
positive=4, negative=0, total=4
AnGam_Sua5b.rep
0 2 4 6 8
50 100 150 200 250 300 350 400

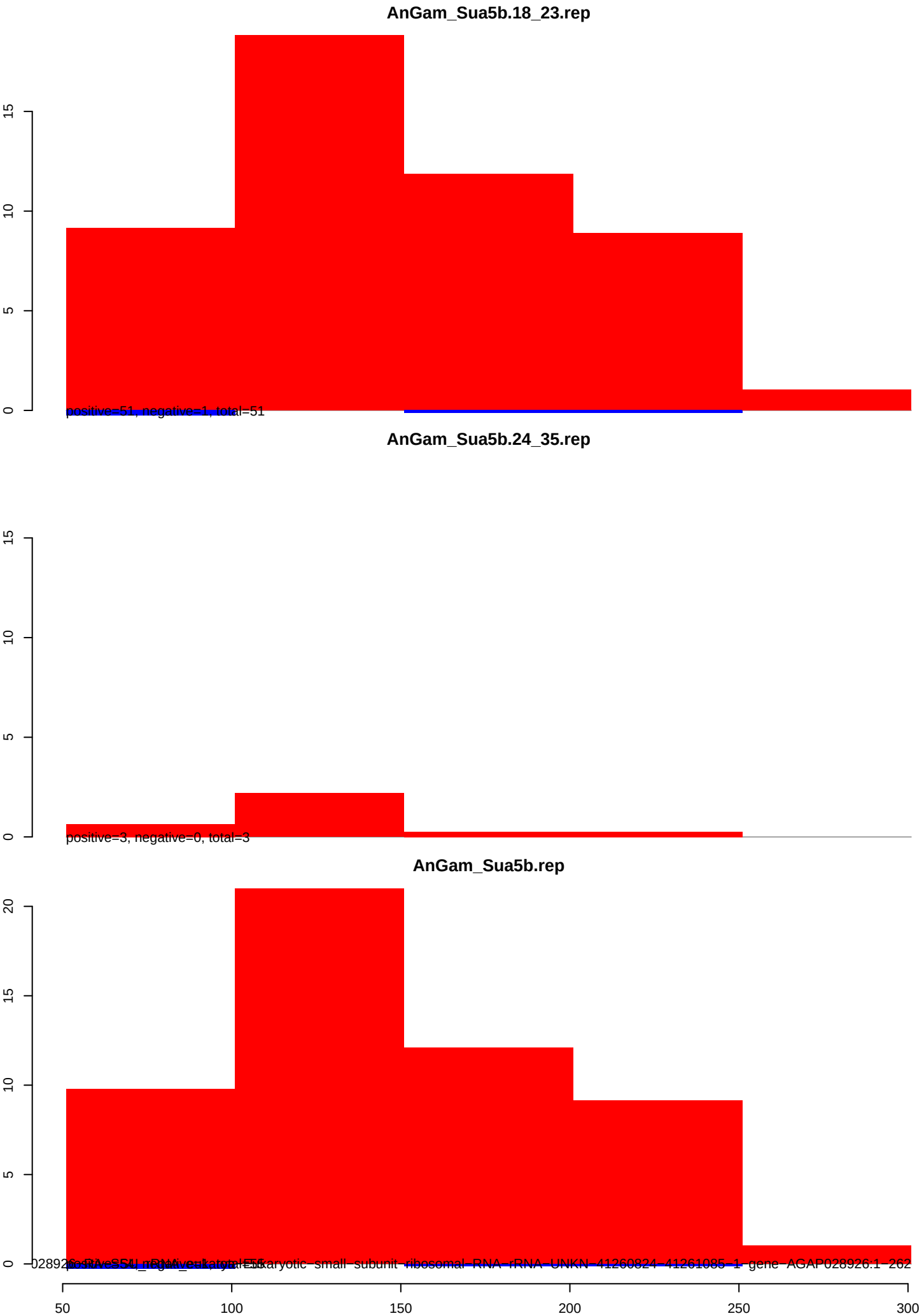

AnGam_Sua5b.18_23.rep
positive=51, negative=0, total=52
AnGam_Sua5b.24_35.rep
positive=8, negative=0, total=8
AnGam_Sua5b.rep
0
5
10
15
50
100
150
200
250
300
350
400


AnGam_Sua5b.18_23.rep
positive=51, negative=0, total=51
AnGam_Sua5b.24_35.rep
positive=20, negative=0, total=20
AnGam_Sua5b.rep
0
5
10
15
20
50
100
150
200
250
300
350


AnGam_Sua5b.18_23.rep
positive=49, negative=0, total=49
AnGam_Sua5b.24_35.rep
positive=15, negative=0, total=15
AnGam_Sua5b.rep
0 5 10 15 20 25 30 35
50 100 150 200 250 300 350


AnGam_Sua5b.18_23.rep
positive=2, negative=1, total=2
AnGam_Sua5b.24_35.rep
positive=8, negative=0, total=8
AnGam_Sua5b.rep
positive=10, negative=1, total=11
AGAP028235-RA-Arthropod_7SK-Arthropod-7SK-RNA-ncRNA-3L-5682533-5682848-1-gene-AGAP028235:1-316
0
1
2
3
50
100
150
200
250
300
350


AnGam_Sua5b.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1
AnGam_Sua5b.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=0, total=2
AnGam_Sua5b.rep
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−RA−RNase_MRP−RNase−MRP−RNase_MRP_RNA−2R−7307703−7307989−1−gene−AGAP029001:1−287
50
100
150
200
250
300


AnGam_Sua5b.18_23.rep
positive=51, negative=1, total=51
AnGam_Sua5b.24_35.rep
positive=3, negative=0, total=3
AnGam_Sua5b.rep
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5
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15
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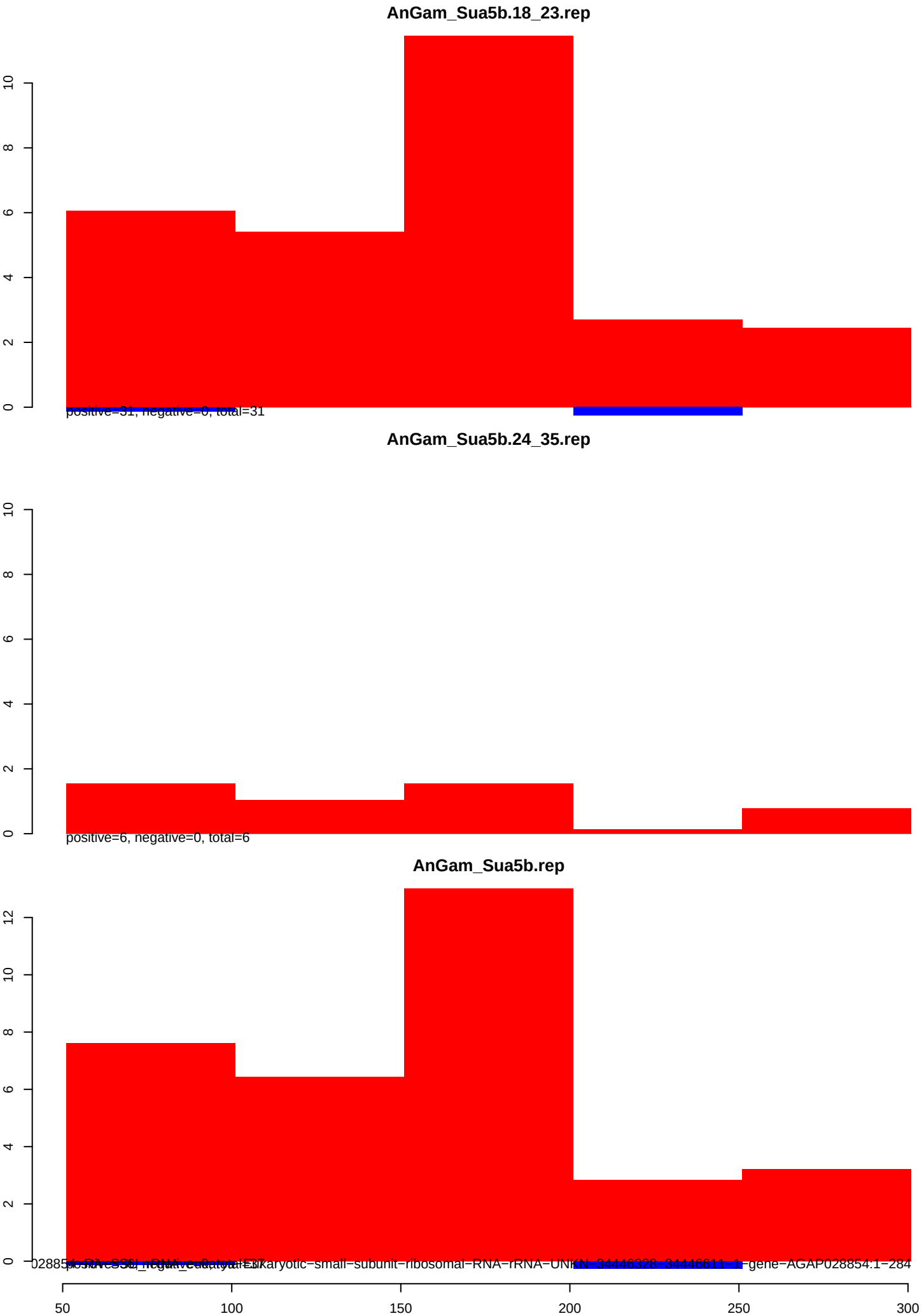
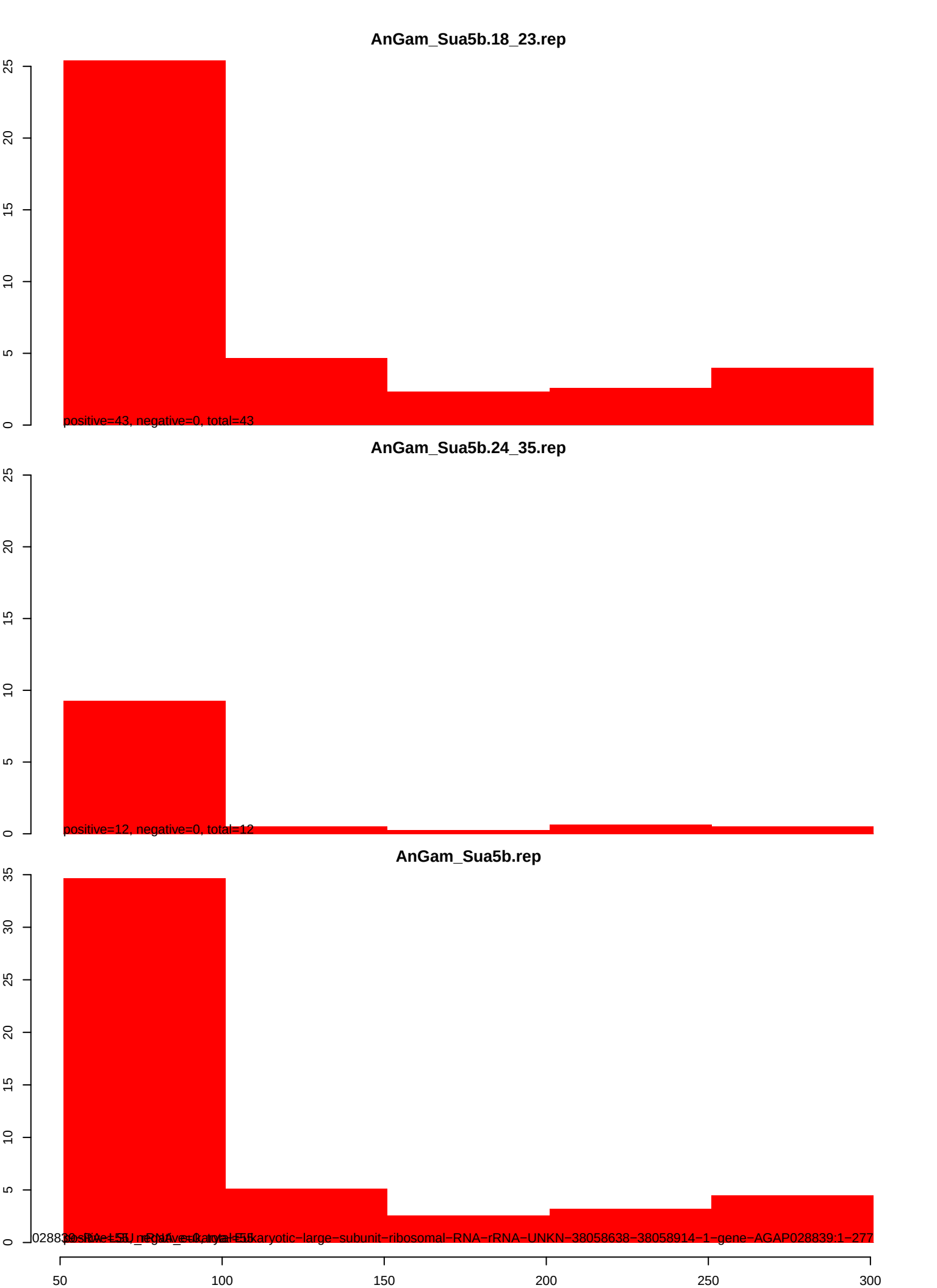
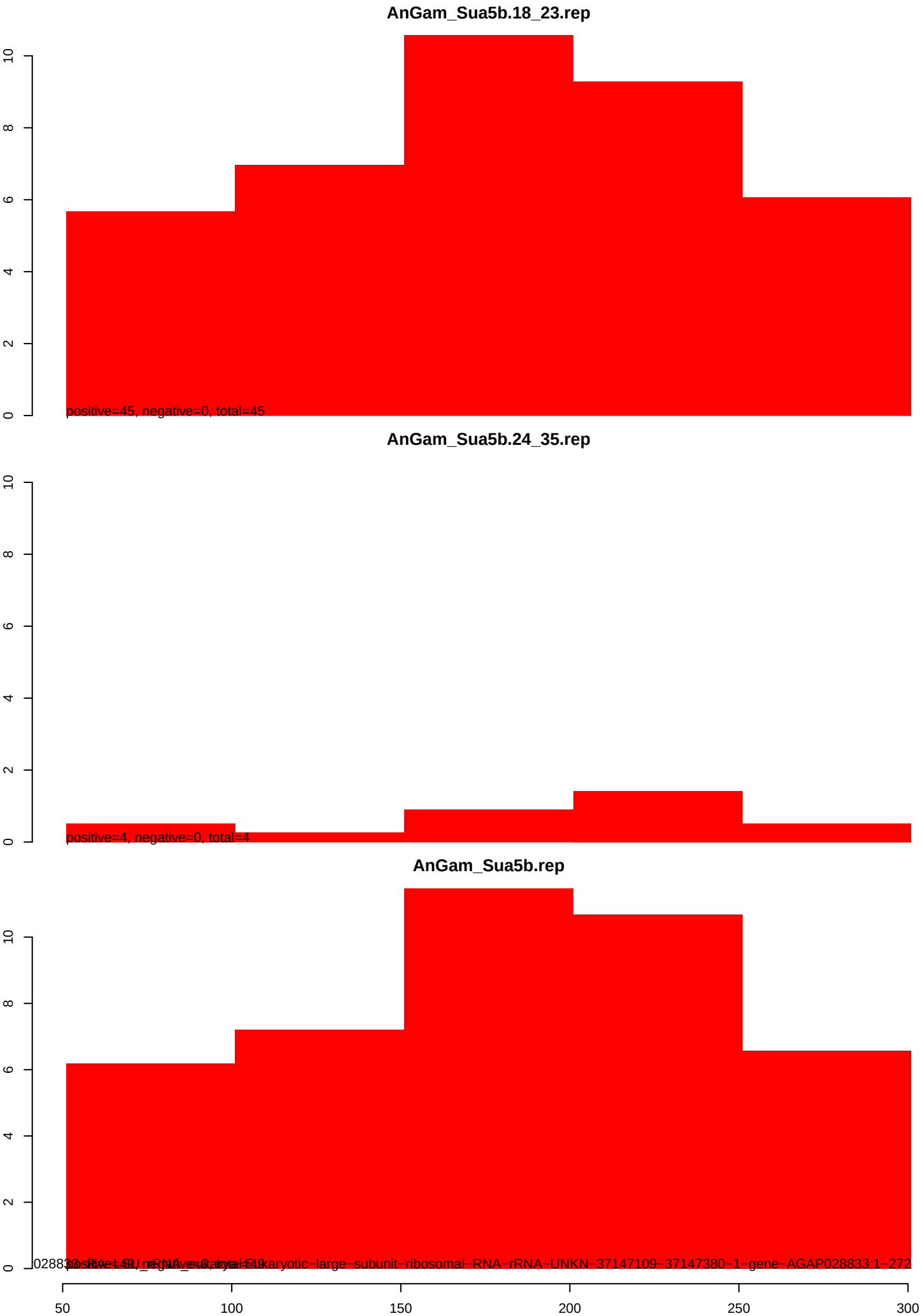
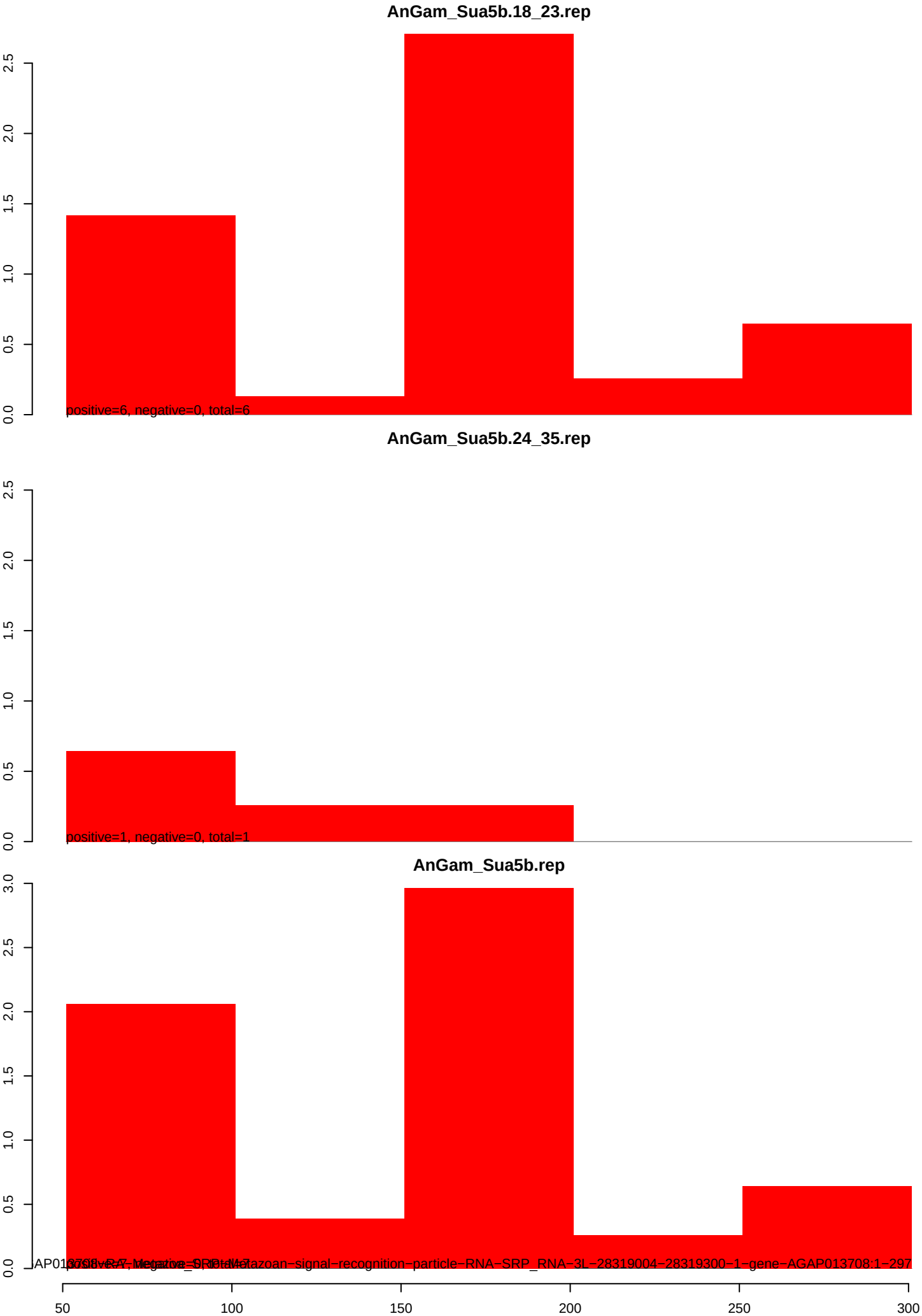
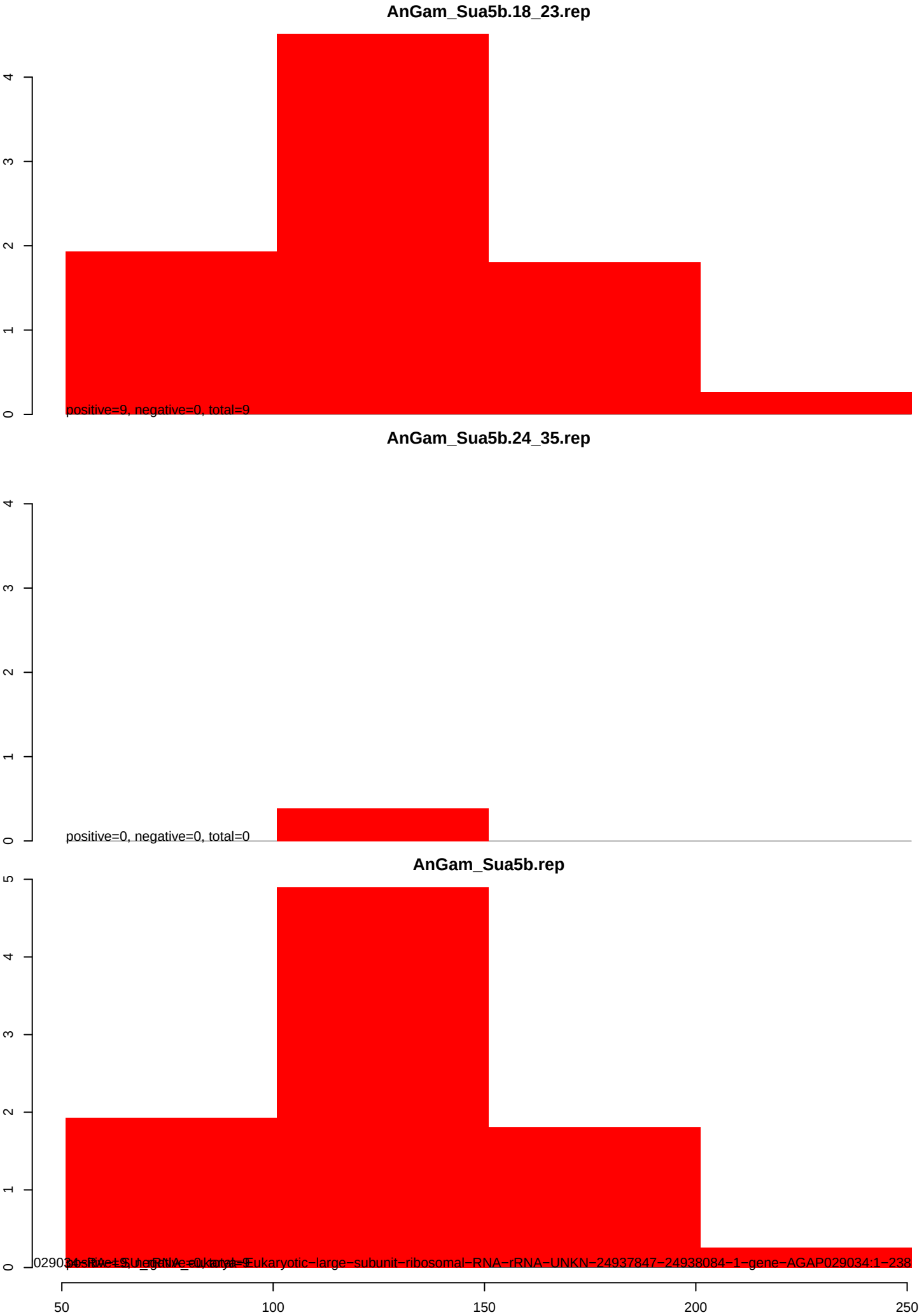
100
150
200
250
300

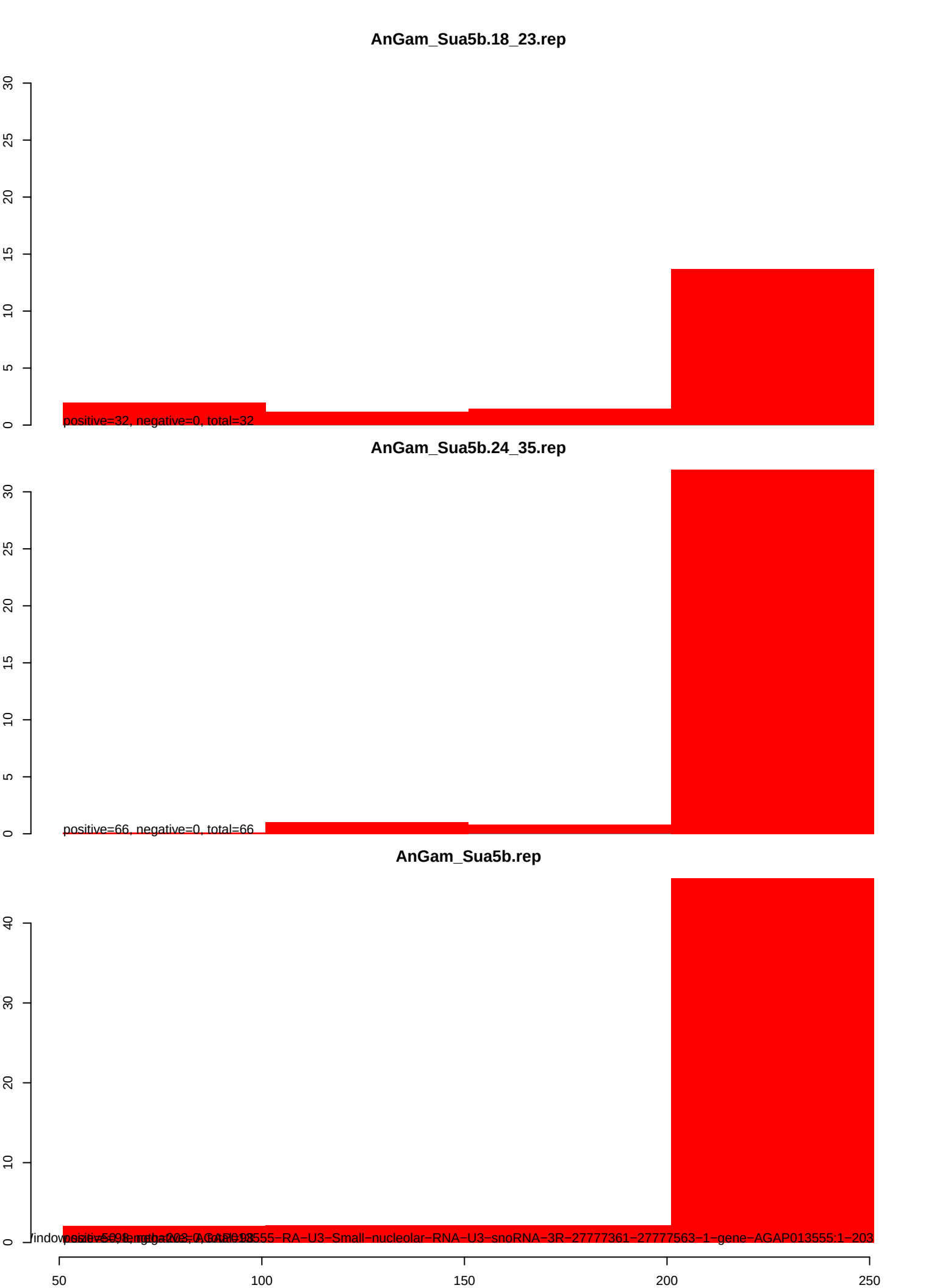

AnGam_Sua5b.18_23.rep
positive=31, negative=0, total=31
AnGam_Sua5b.24_35.rep
positive=6, negative=0, total=6
AnGam_Sua5b.rep
0
2
4
6
8
10
12
50
100
150
200
250
300

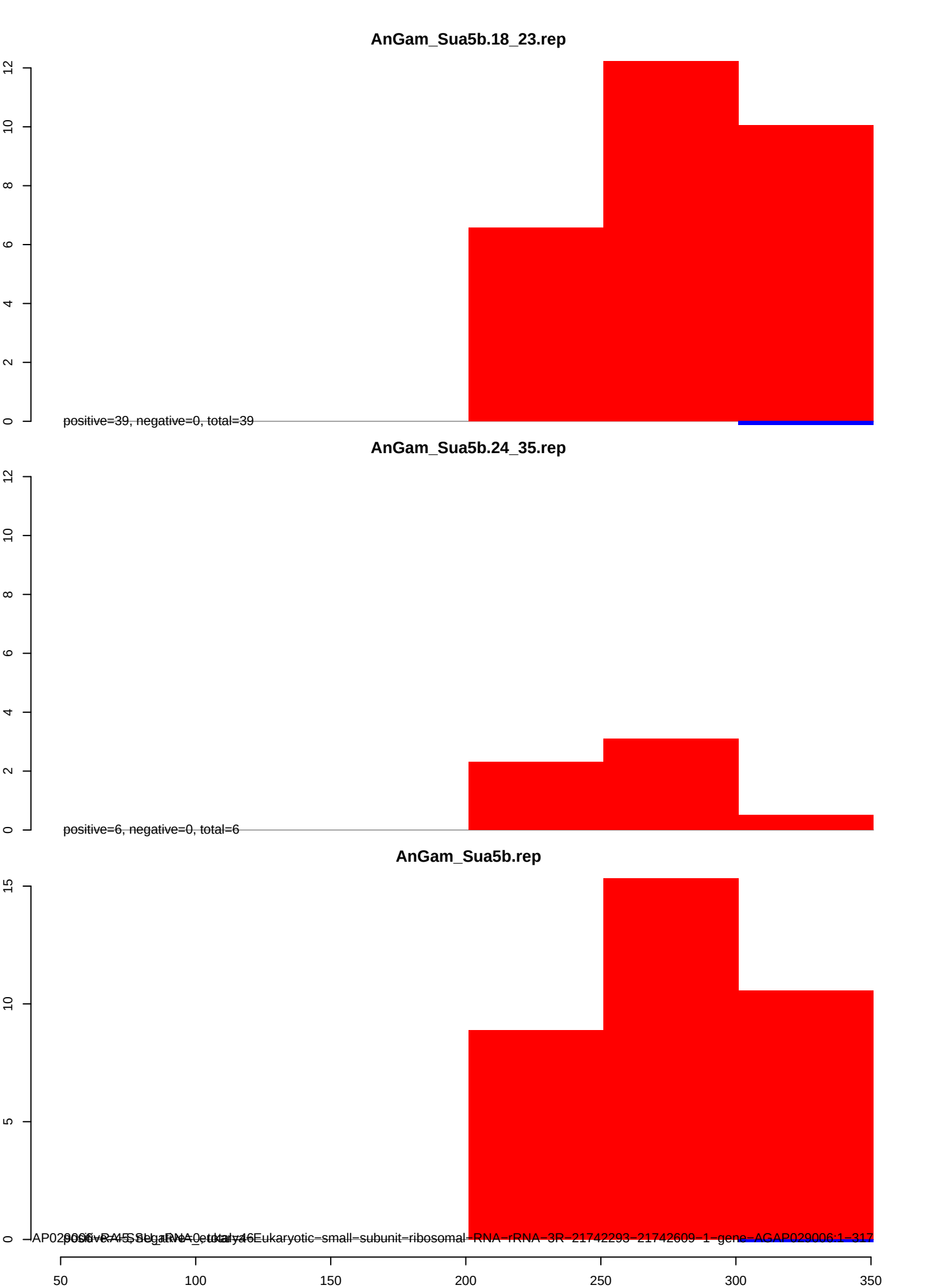

AnGam_Sua5b.18_23.rep
positive=43, negative=0, total=43
AnGam_Sua5b.24_35.rep
positive=12, negative=0, total=12
AnGam_Sua5b.rep
50
100
150
200
250
300

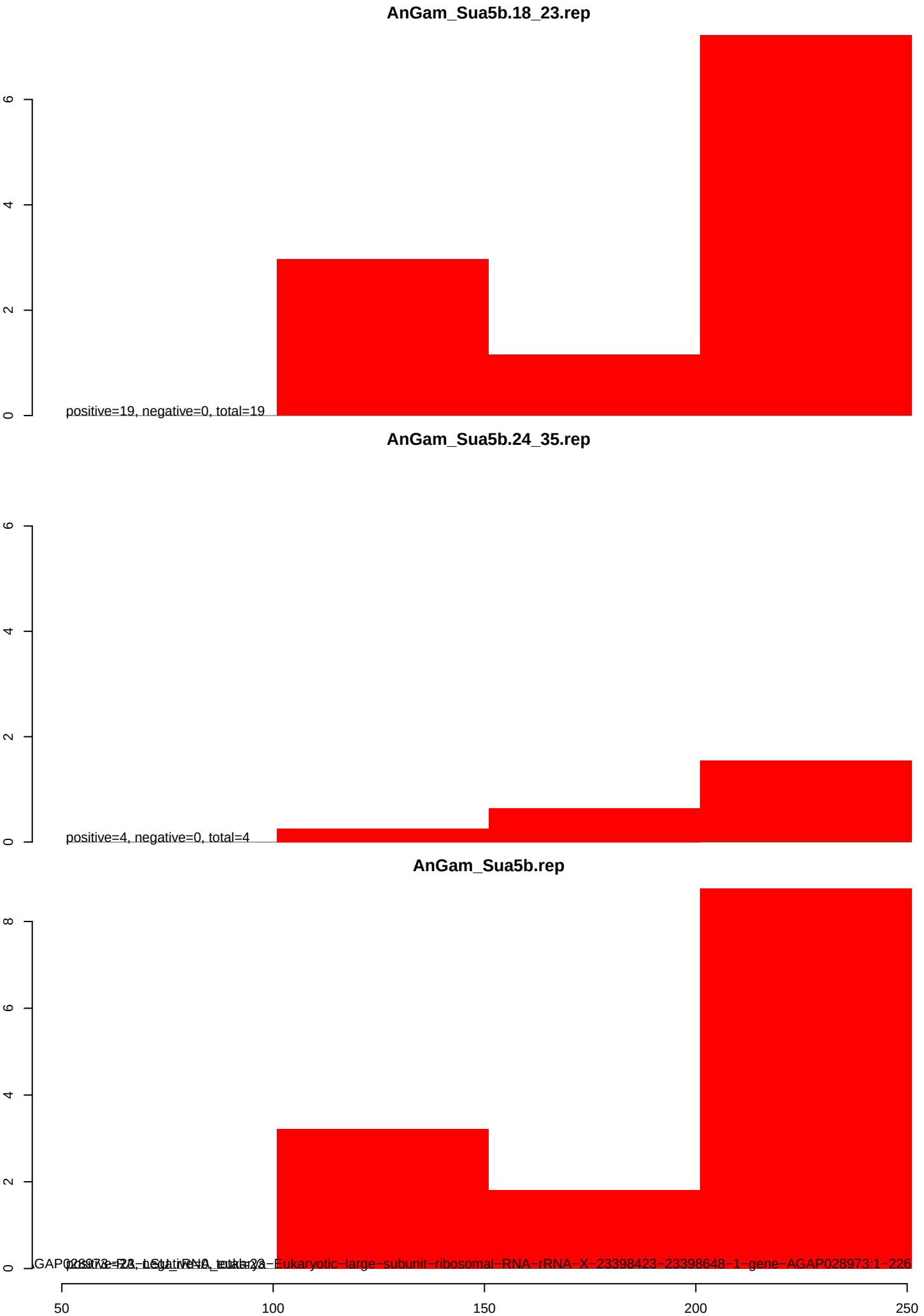

AnGam_Sua5b.18_23.rep
positive=45, negative=0, total=45
AnGam_Sua5b.24_35.rep
positive=4, negative=0, total=4
AnGam_Sua5b.rep
0 2 4 6 8 10
50 100 150 200 250 300

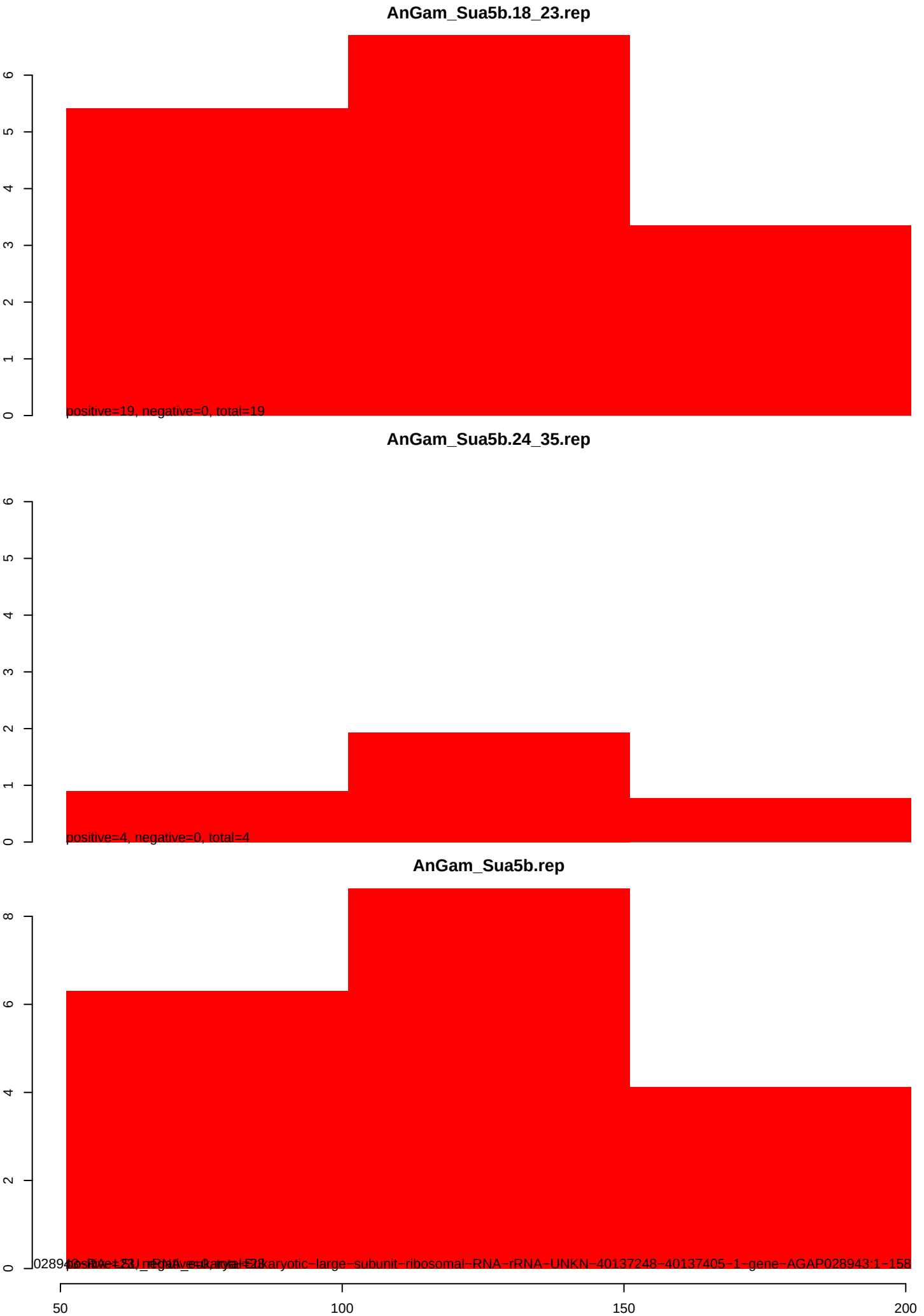

AnGam_Sua5b.18_23.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=6, negative=0, total=6
AnGam_Sua5b.24_35.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=1, negative=0, total=1
AnGam_Sua5b.rep
0.0
0.5
1.0
1.5
2.0
2.5
3.0
50
100
150
200
250
300

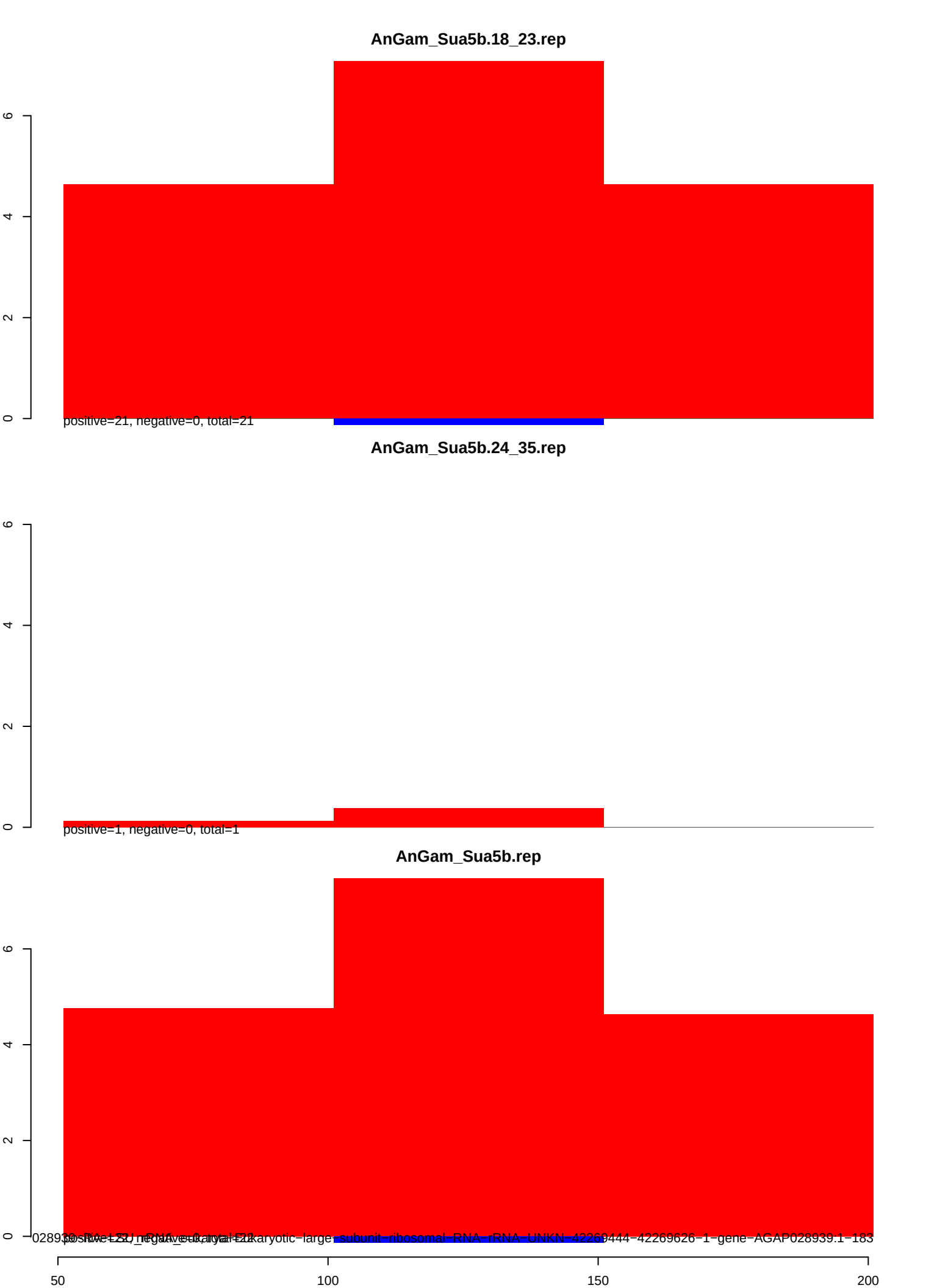

AnGam_Sua5b.18_23.rep
positive=9, negative=0, total=9
AnGam_Sua5b.24_35.rep
positive=0, negative=0, total=0
AnGam_Sua5b.rep
50
100
150
200
250

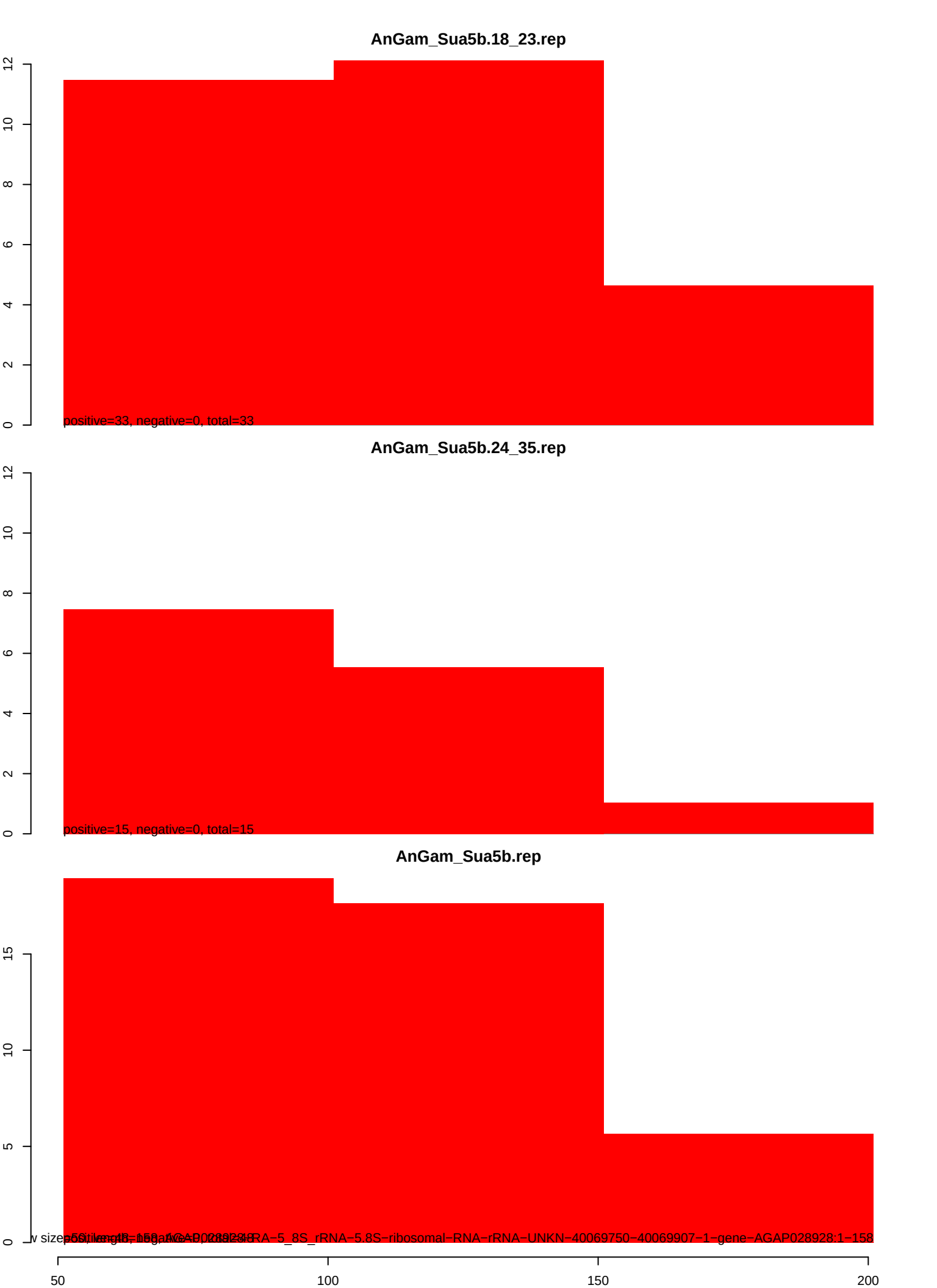

AnGam_Sua5b.18_23.rep
positive=32, negative=0, total=32
AnGam_Sua5b.24_35.rep
positive=66, negative=0, total=66
AnGam_Sua5b.rep
/indo
50
100
150
200
250

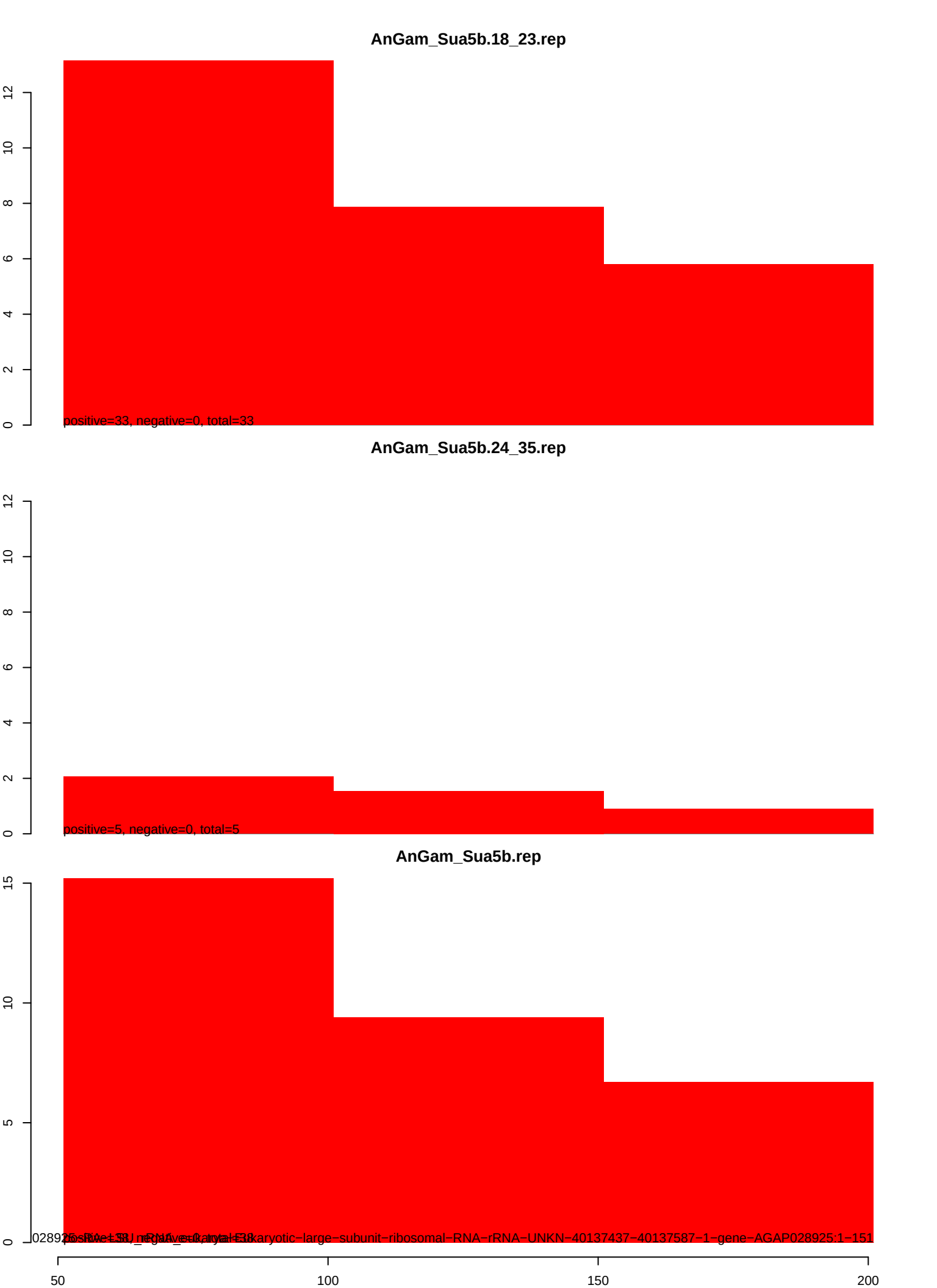

AnGam_Sua5b.18_23.rep
positive=39, negative=0, total=39
AnGam_Sua5b.24_35.rep
positive=6, negative=0, total=6
AnGam_Sua5b.rep
50
100
150
200
250
300
350

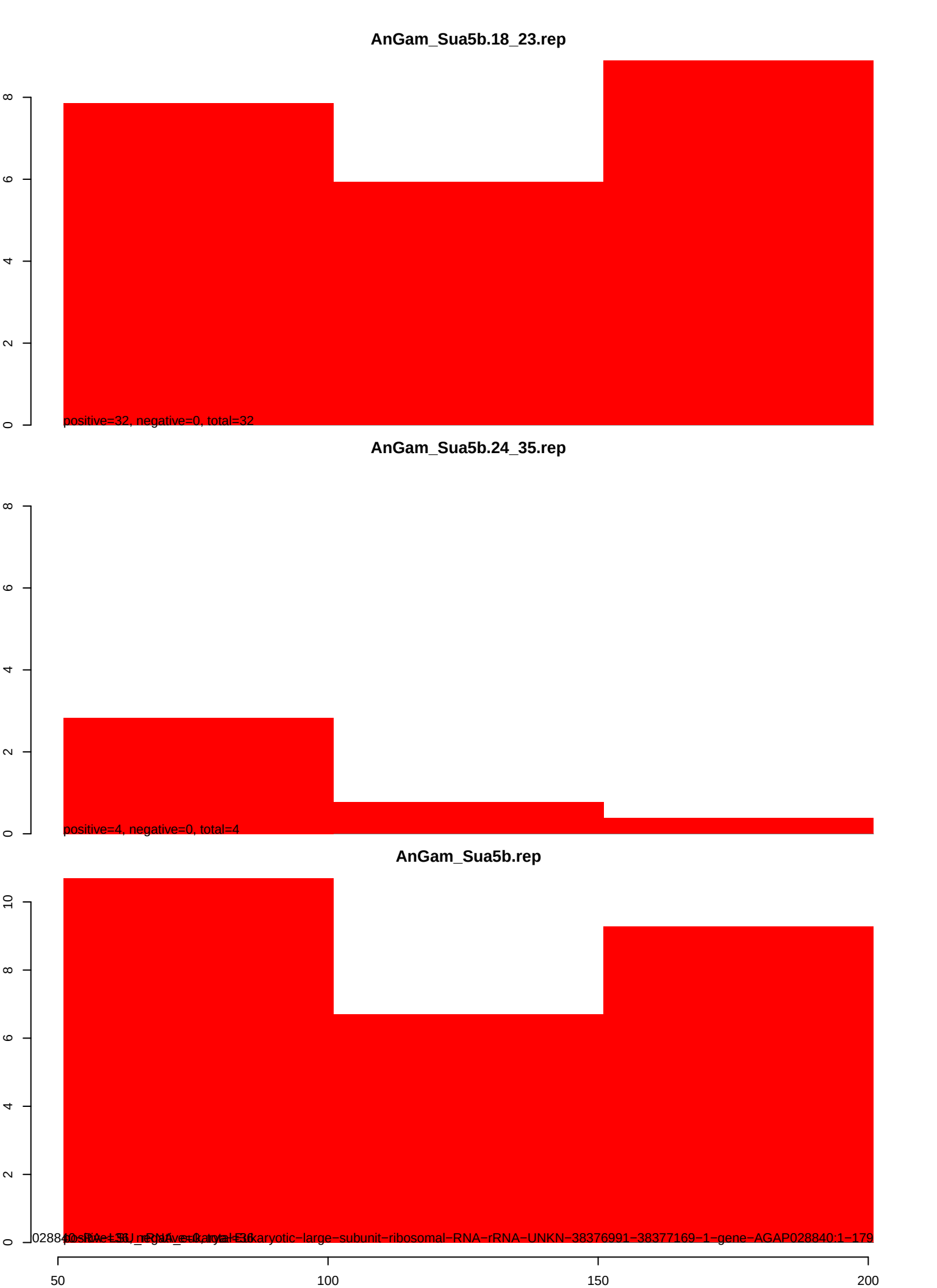

AnGam_Sua5b.18_23.rep
positive=19, negative=0, total=19
AnGam_Sua5b.24_35.rep
positive=4, negative=0, total=4
AnGam_Sua5b.rep
50
100
150
200
250

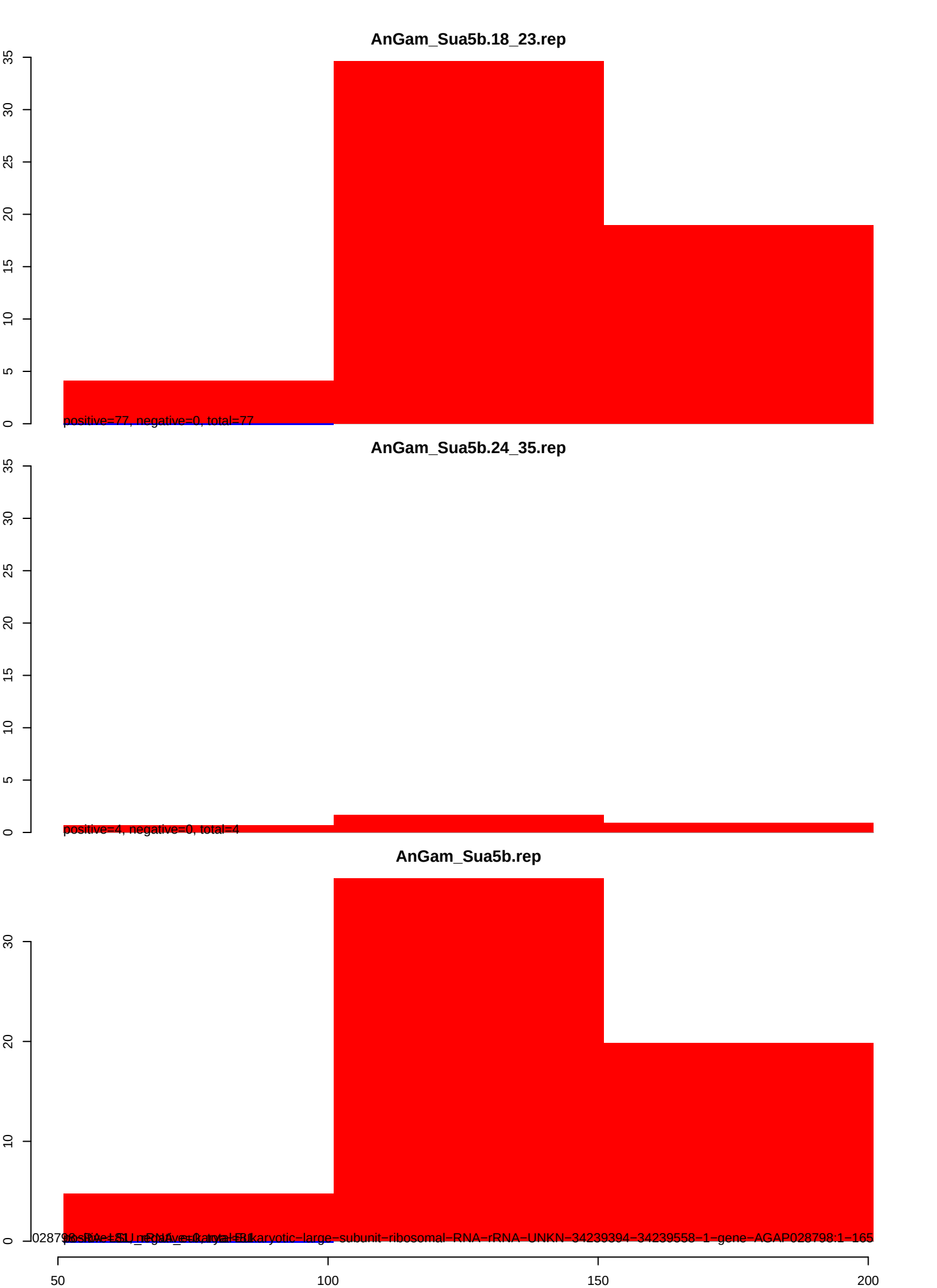

AnGam_Sua5b.18_23.rep
positive=19, negative=0, total=19
AnGam_Sua5b.24_35.rep
positive=4, negative=0, total=4
AnGam_Sua5b.rep
50
100
150
200

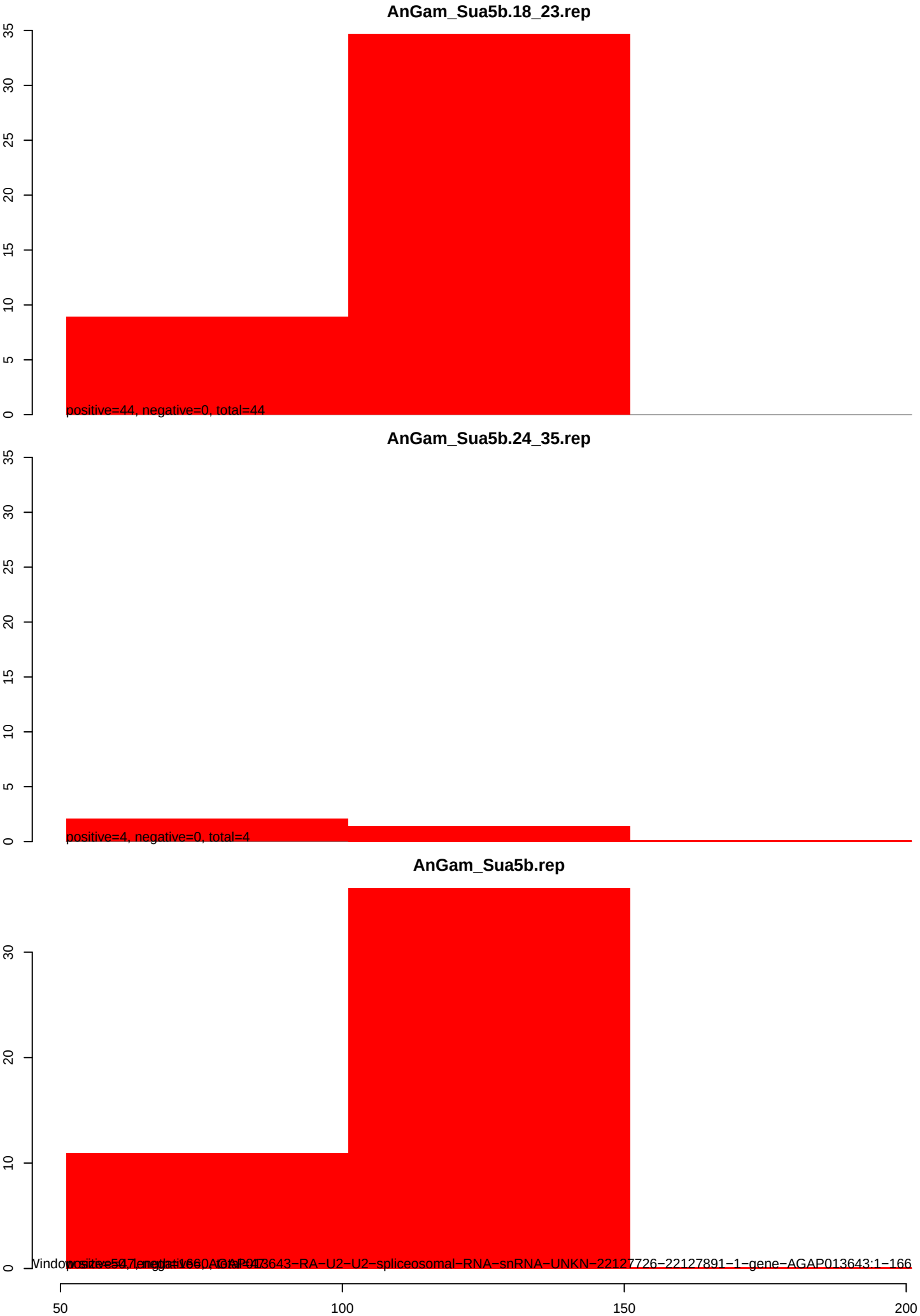

AnGam_Sua5b.18_23.rep
positive=21, negative=0, total=21
AnGam_Sua5b.24_35.rep
positive=1, negative=0, total=1
AnGam_Sua5b.rep
0 2 4 6
50 100 150 200

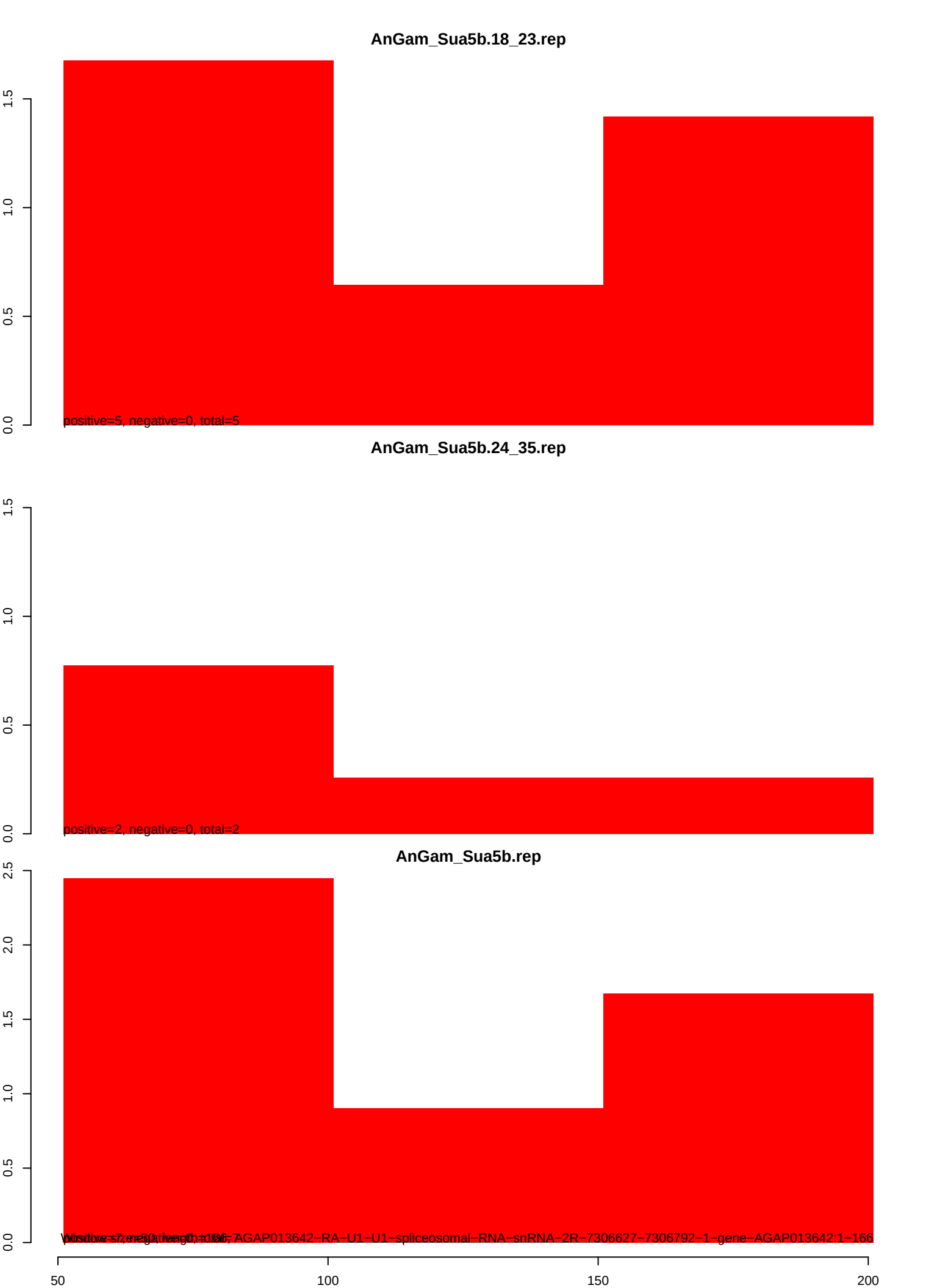

AnGam_Sua5b.18_23.rep
positive=33, negative=0, total=33
AnGam_Sua5b.24_35.rep
positive=15, negative=0, total=15
AnGam_Sua5b.rep
50
100
150
200

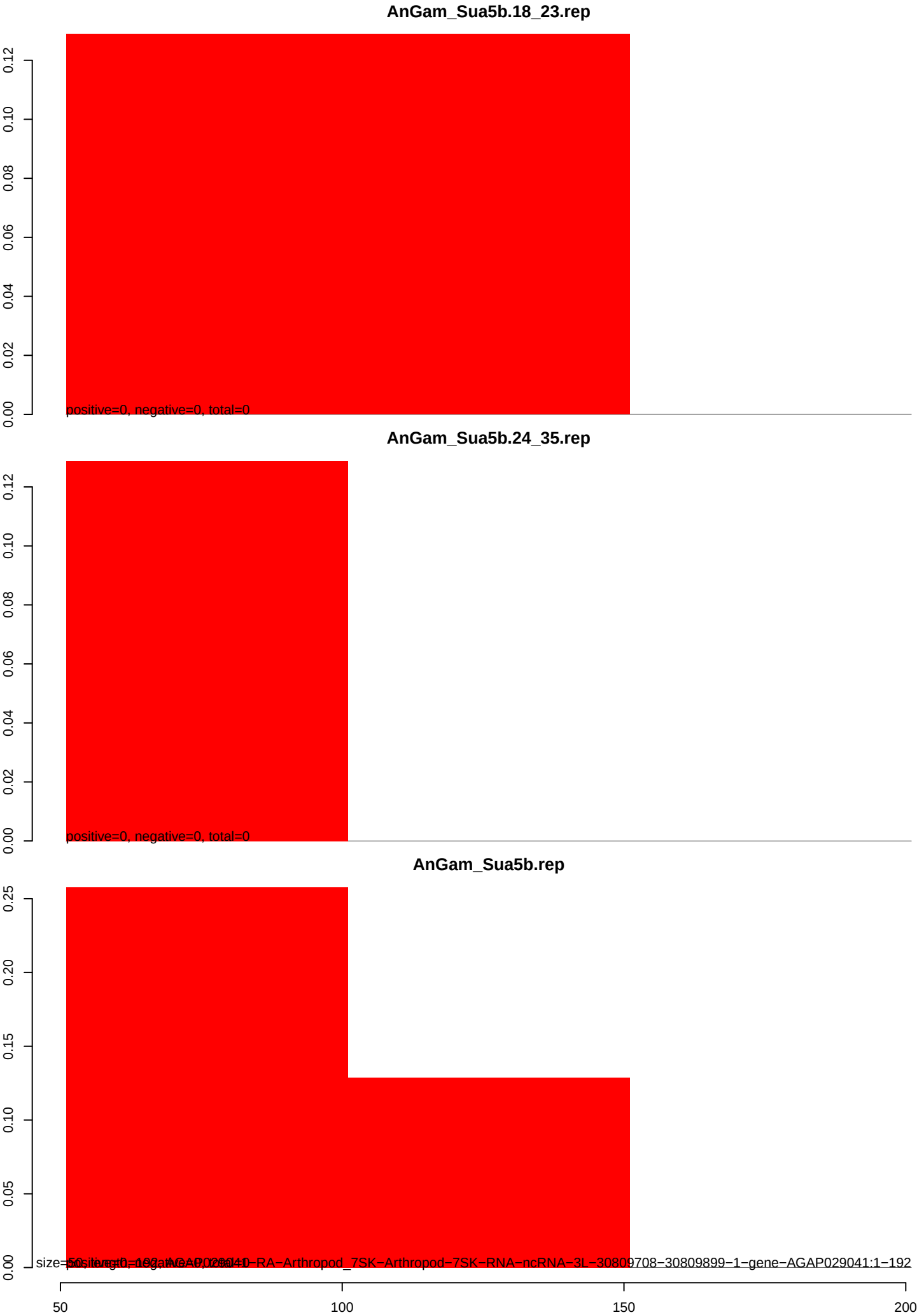

AnGam_Sua5b.18_23.rep
positive=33, negative=0, total=33
AnGam_Sua5b.24_35.rep
positive=5, negative=0, total=5
AnGam_Sua5b.rep
50
100
150
200

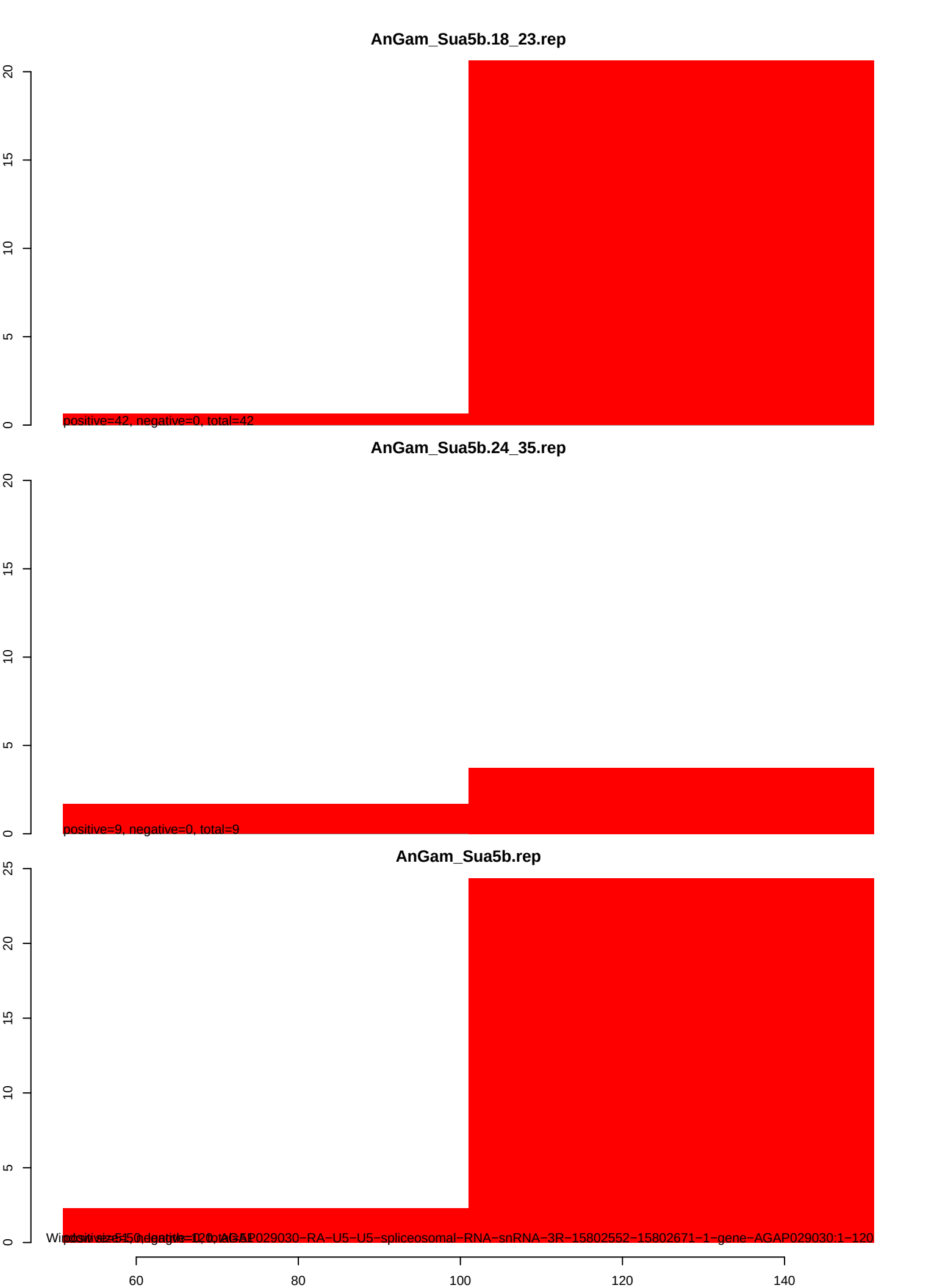

AnGam_Sua5b.18_23.rep
positive=32, negative=0, total=32
AnGam_Sua5b.24_35.rep
positive=4, negative=0, total=4
AnGam_Sua5b.rep
50
100
150
200

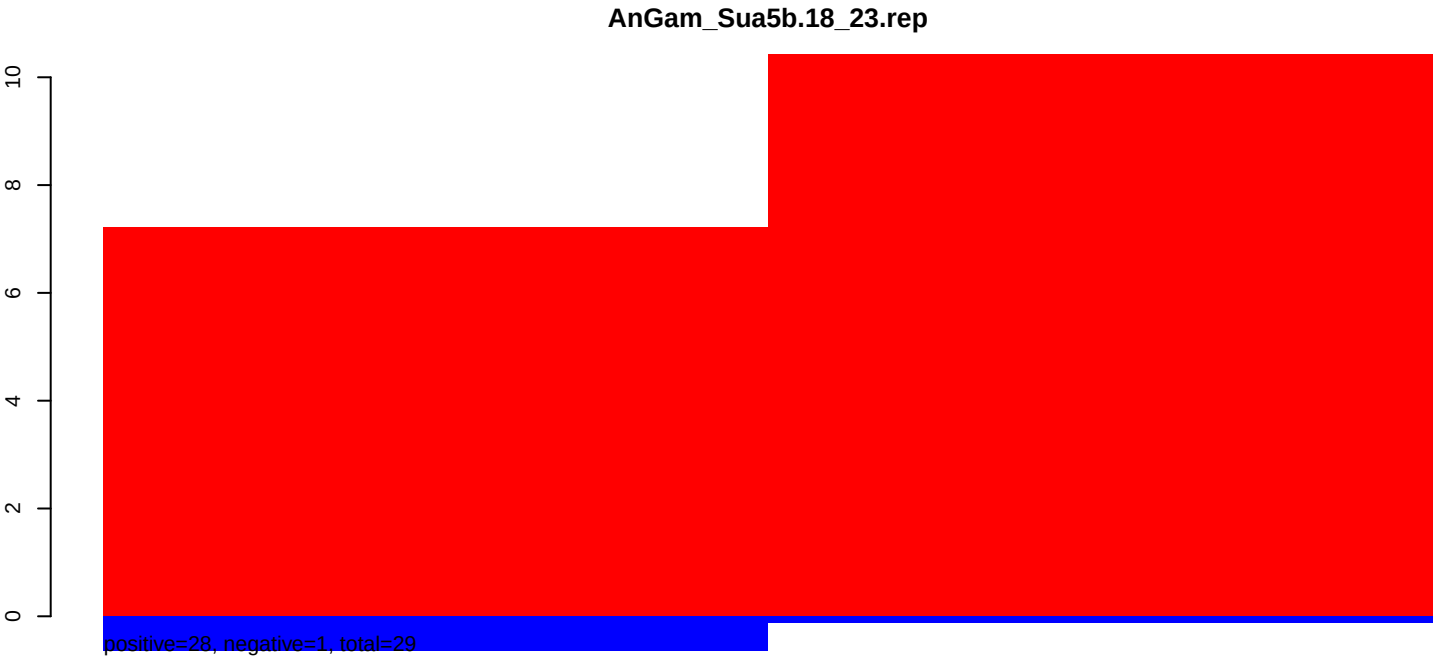

AnGam_Sua5b.18_23.rep
positive=77, negative=0, total=77
AnGam_Sua5b.24_35.rep
positive=4, negative=0, total=4
AnGam_Sua5b.rep
50
100
150
200


AnGam_Sua5b.18_23.rep
positive=44, negative=0, total=44
AnGam_Sua5b.24_35.rep
positive=4, negative=0, total=4
AnGam_Sua5b.rep
Vindo
positive=47, negative=166, total=213
AGAP013643-RA-U2-U2-spliceosomal-RNA-snRNA-UNKN-22127726-22127891-1-gene-AGAP013643:1-166
50
100
150
200

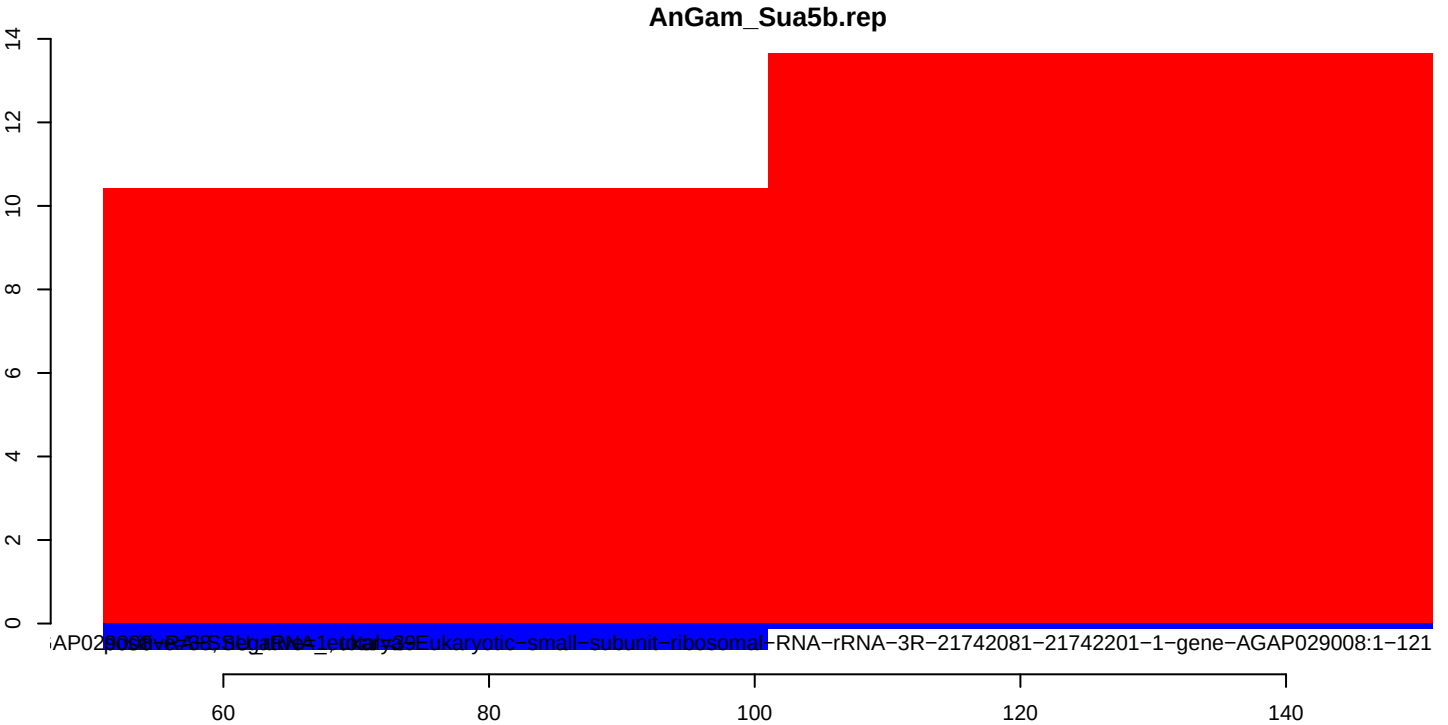

AnGam_Sua5b.18_23.rep
0.0
0.5
1.0
1.5
positive=5, negative=0, total=5
AnGam_Sua5b.24_35.rep
0.0
0.5
1.0
1.5
positive=2, negative=0, total=2
AnGam_Sua5b.rep
0.0
0.5
1.0
1.5
2.0
2.5
50
100
150
200

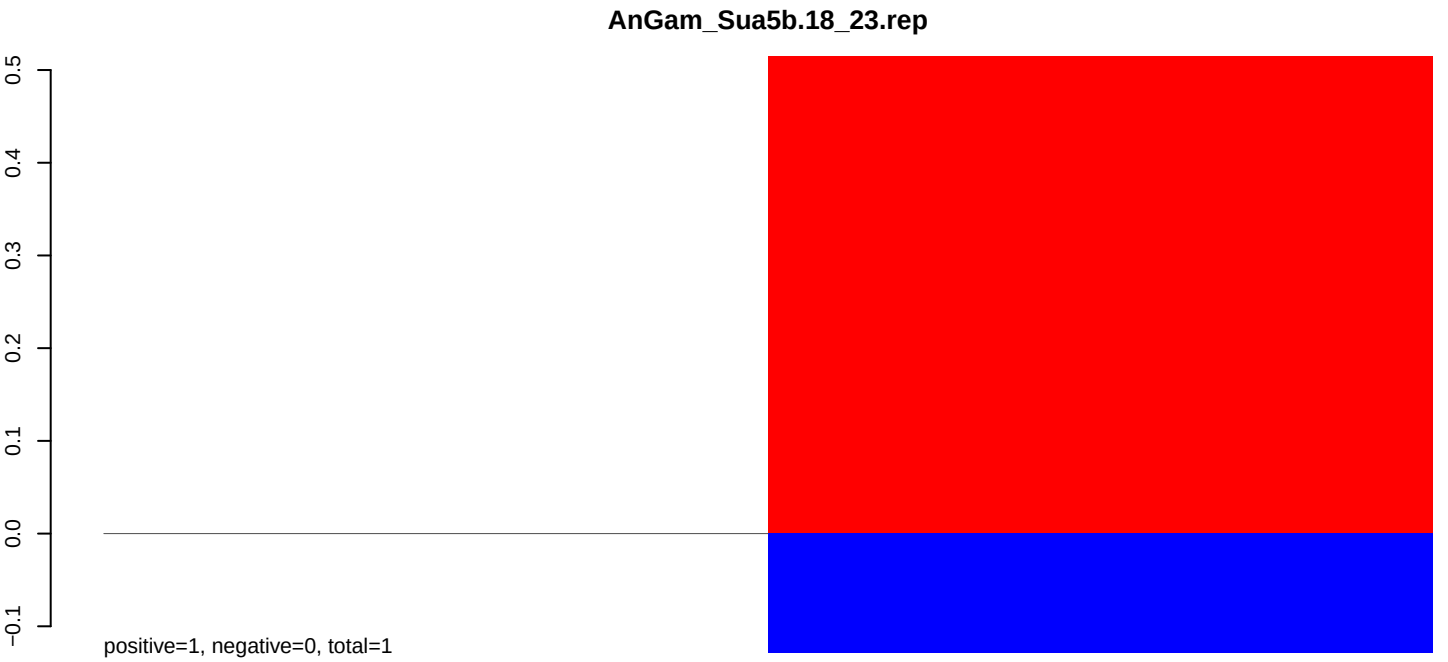

AnGam_Sua5b.18_23.rep
0.00
0.02
0.04
0.06
0.08
0.10
0.12
positive=0, negative=0, total=0
AnGam_Sua5b.24_35.rep
0.00
0.02
0.04
0.06
0.08
0.10
0.12
positive=0, negative=0, total=0
AnGam_Sua5b.rep
0.00
0.05
0.10
0.15
0.20
0.25
size=192 target=AGAP029041-RA-Arthropod_7SK-Arthropod-7SK-RNA-ncRNA-3L-30809708-30809899-1-gene-AGAP029041:1-192
50
100
150
200

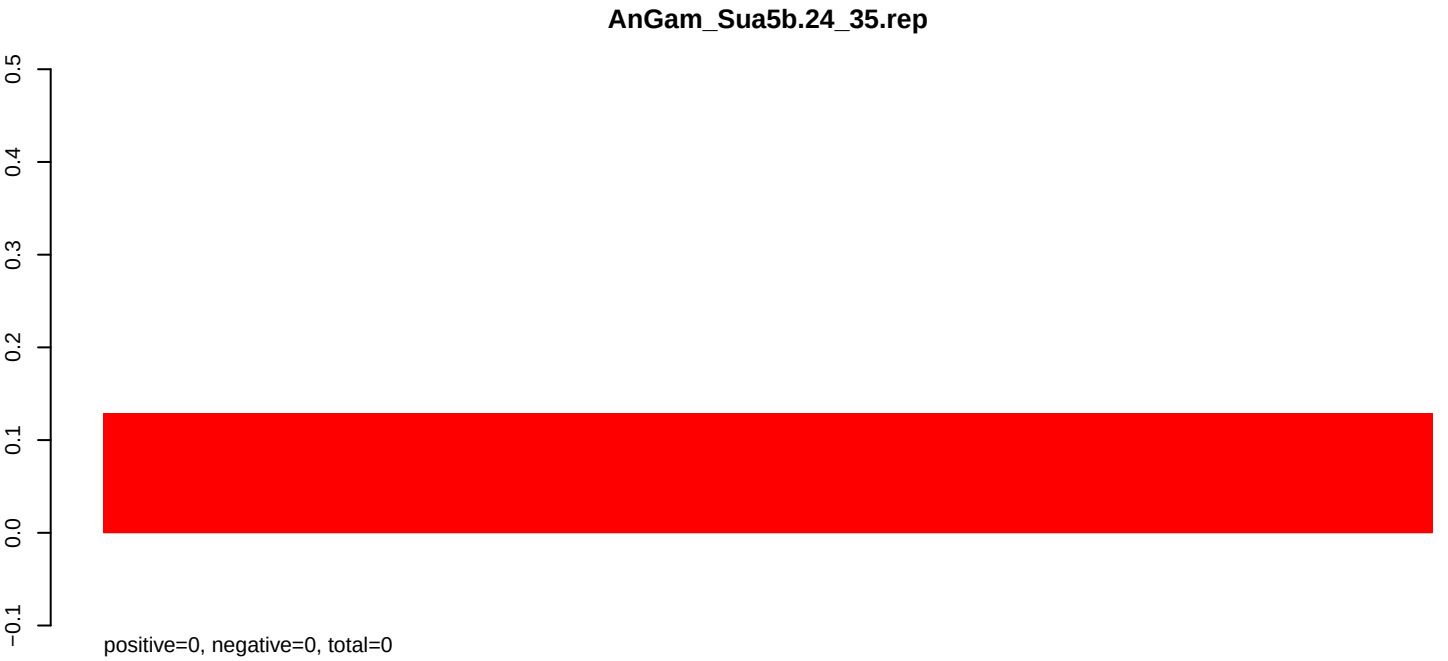

AnGam_Sua5b.18_23.rep
positive=42, negative=0, total=42
AnGam_Sua5b.24_35.rep
positive=9, negative=0, total=9
AnGam_Sua5b.rep
positive=450, negative=0, total=450
AGAP029030-RA-U5-U5-spliceosomal-RNA-snRNA-3R-15802552-15802671-1-gene-AGAP029030:1-120
0
5
10
15
20
25
60
80
100
120
140

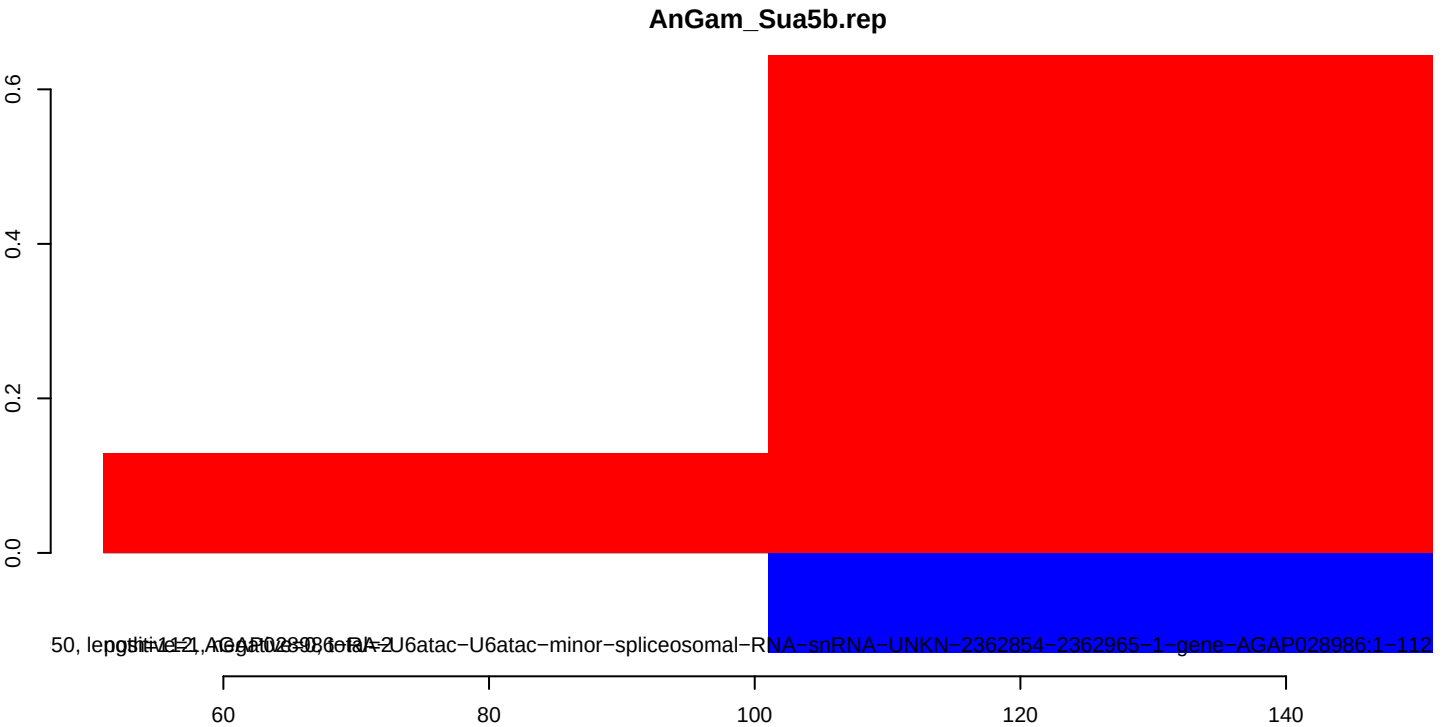

AnGam_Sua5b.18_23.rep
0
2
4
6
8
10
positive=28, negative=1, total=29

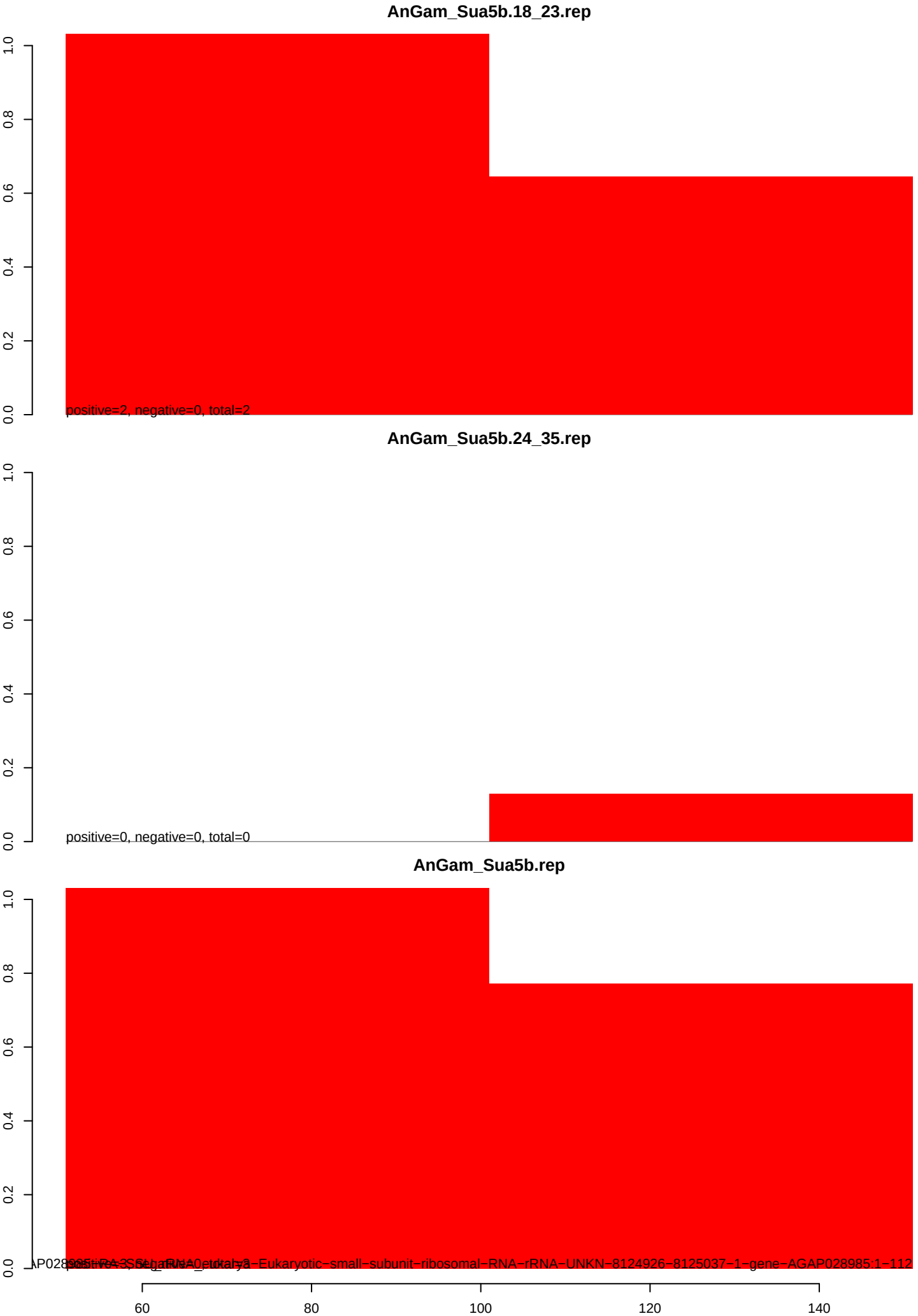
AnGam_Sua5b.24_35.rep
0
2
4
6
8
10
positive=10, negative=0, total=10

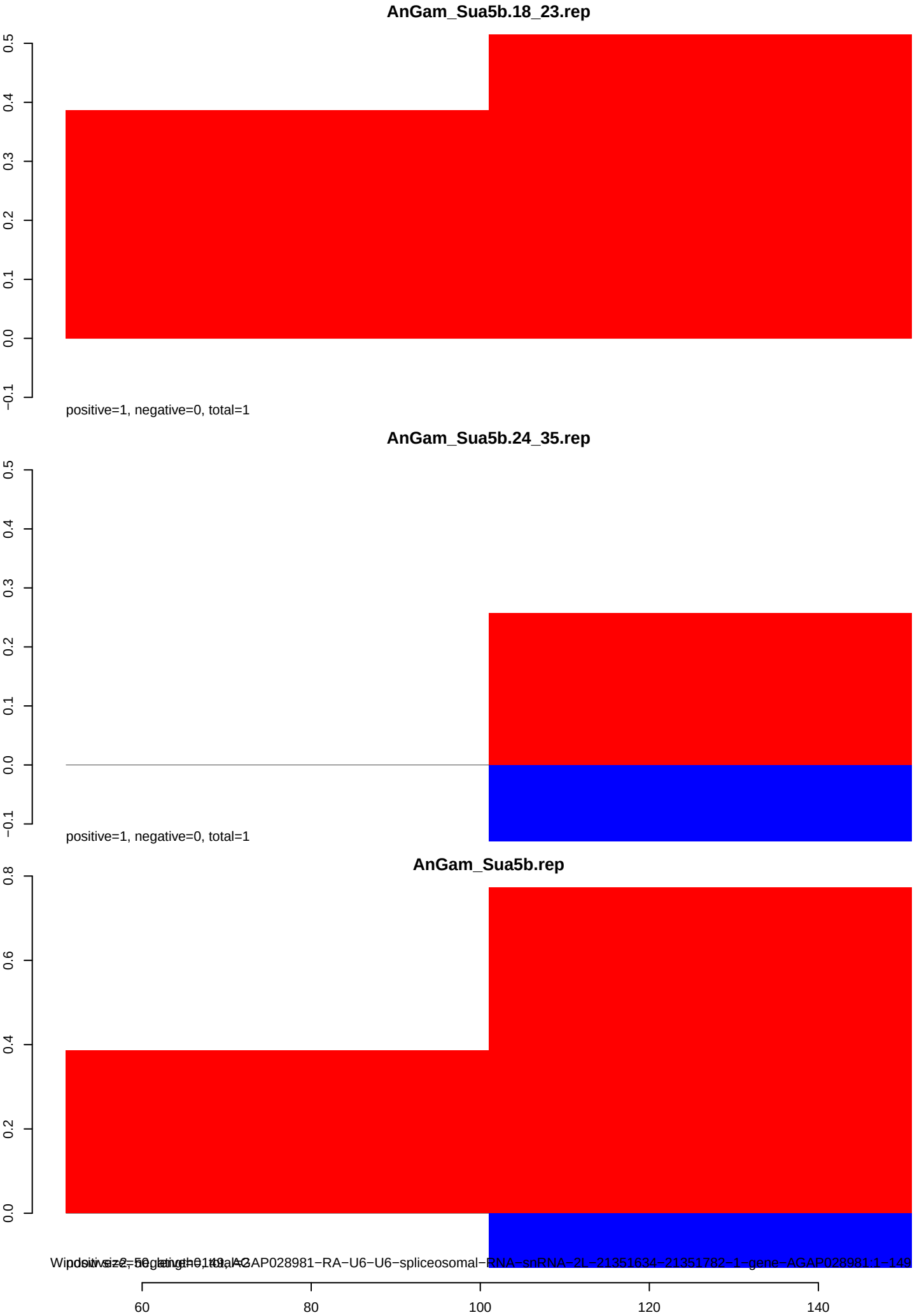

AnGam_Sua5b.rep
0
2
4
6
8
10
12
14
AP029008:1−121
60
80
100
120
140


AnGam_Sua5b.18_23.rep
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1

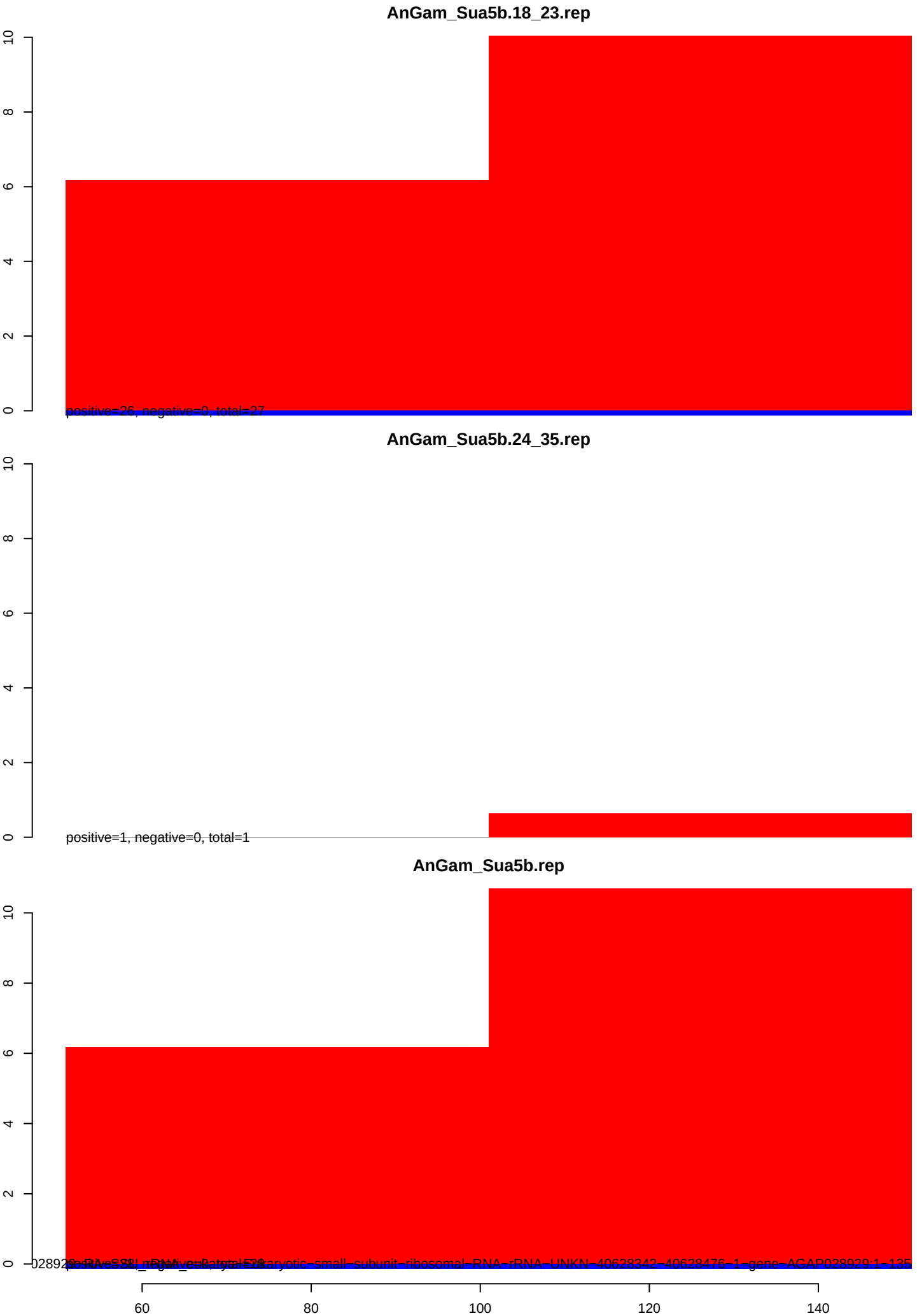

AnGam_Sua5b.24_35.rep
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0

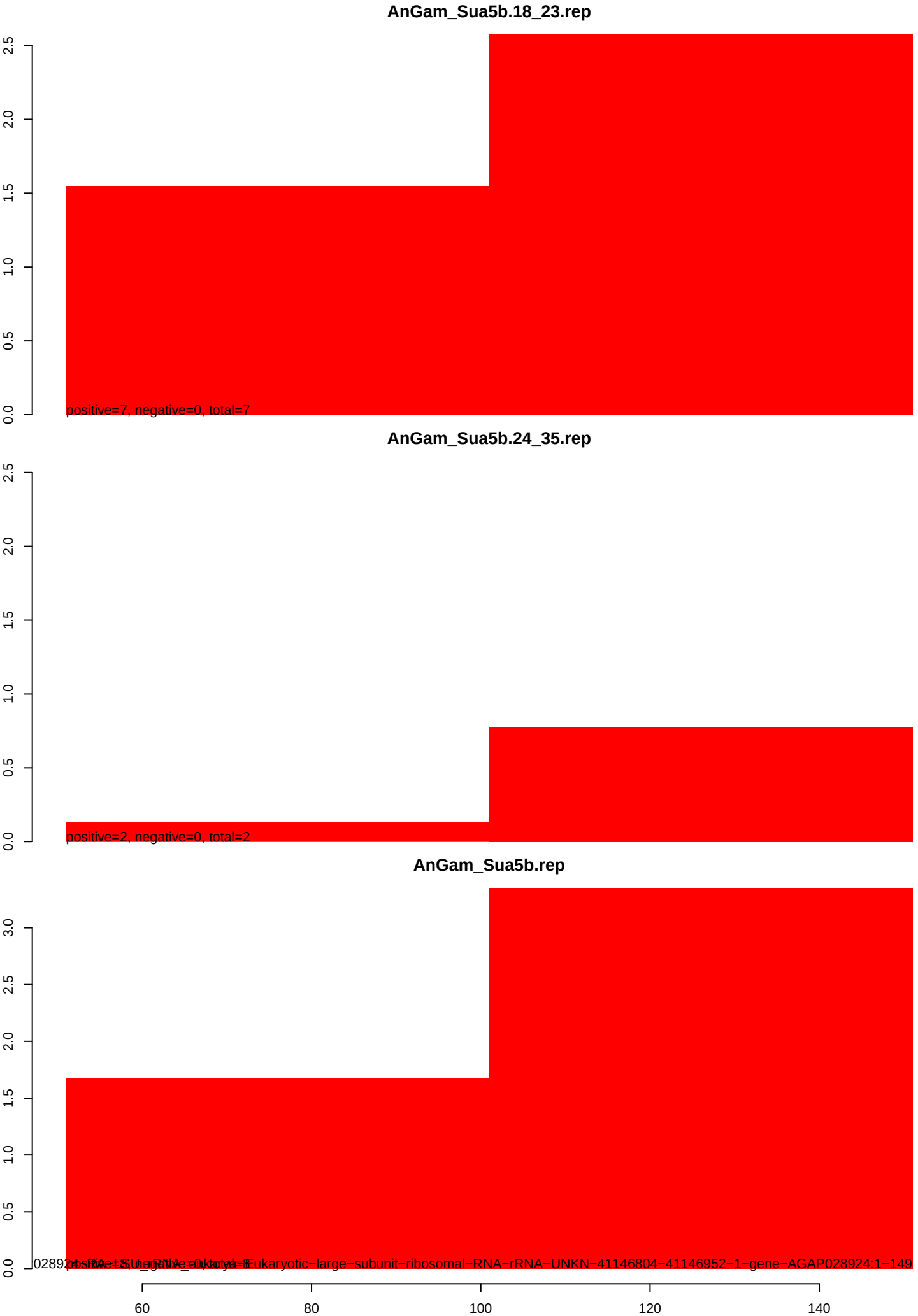

AnGam_Sua5b.rep
0.6
0.4
0.2
0.0
50, le
60
80
100
120
140

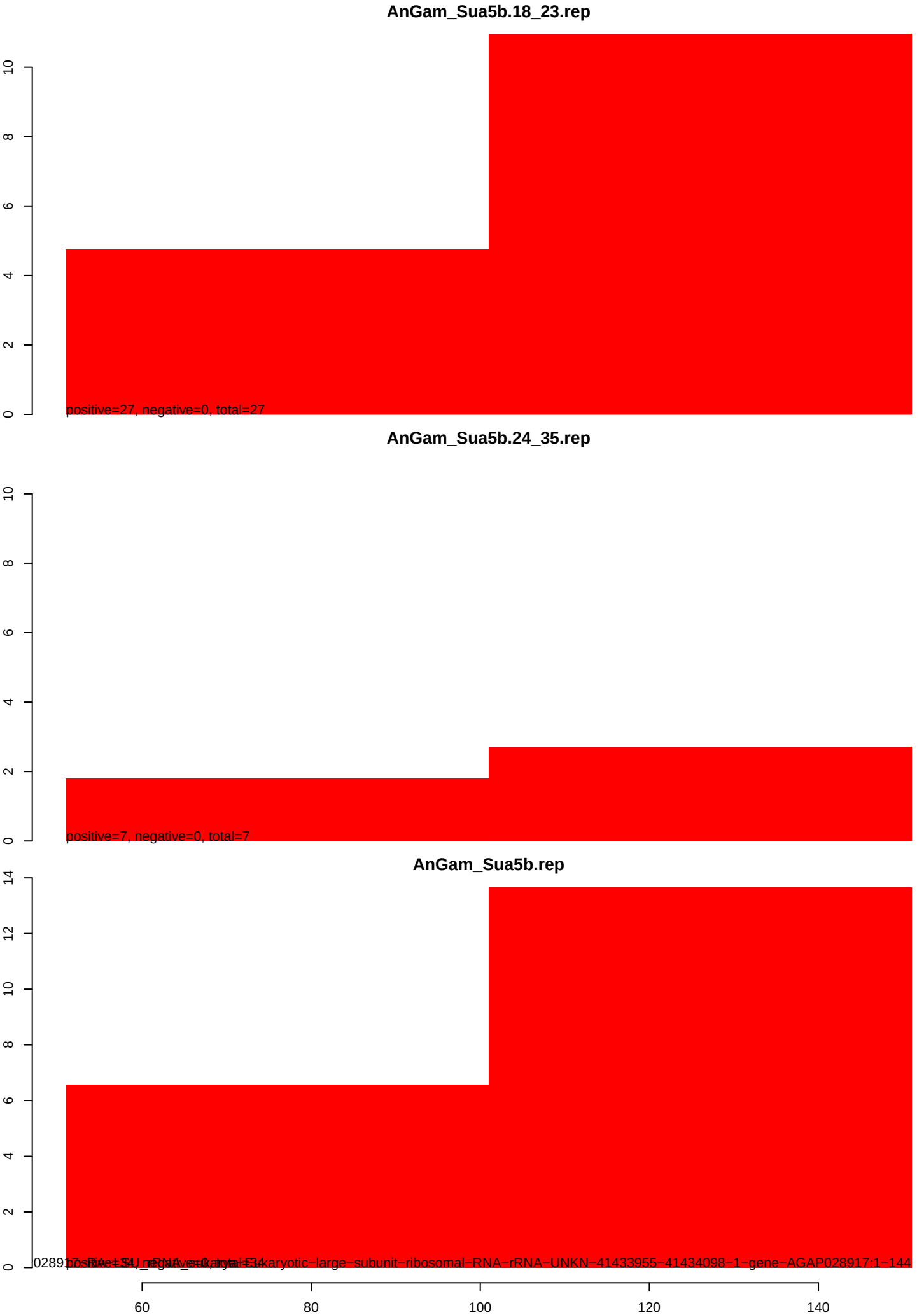

AnGam_Sua5b.18_23.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=2, negative=0, total=2
AnGam_Sua5b.24_35.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=0, negative=0, total=0
AnGam_Sua5b.rep
1.0
0.8
0.6
0.4
0.2
0.0
60
80
100
120
140


AnGam_Sua5b.18_23.rep
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AnGam_Sua5b.24_35.rep
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AnGam_Sua5b.rep
0.8
0.6
0.4
0.2
0.0
60
80
100
120
140

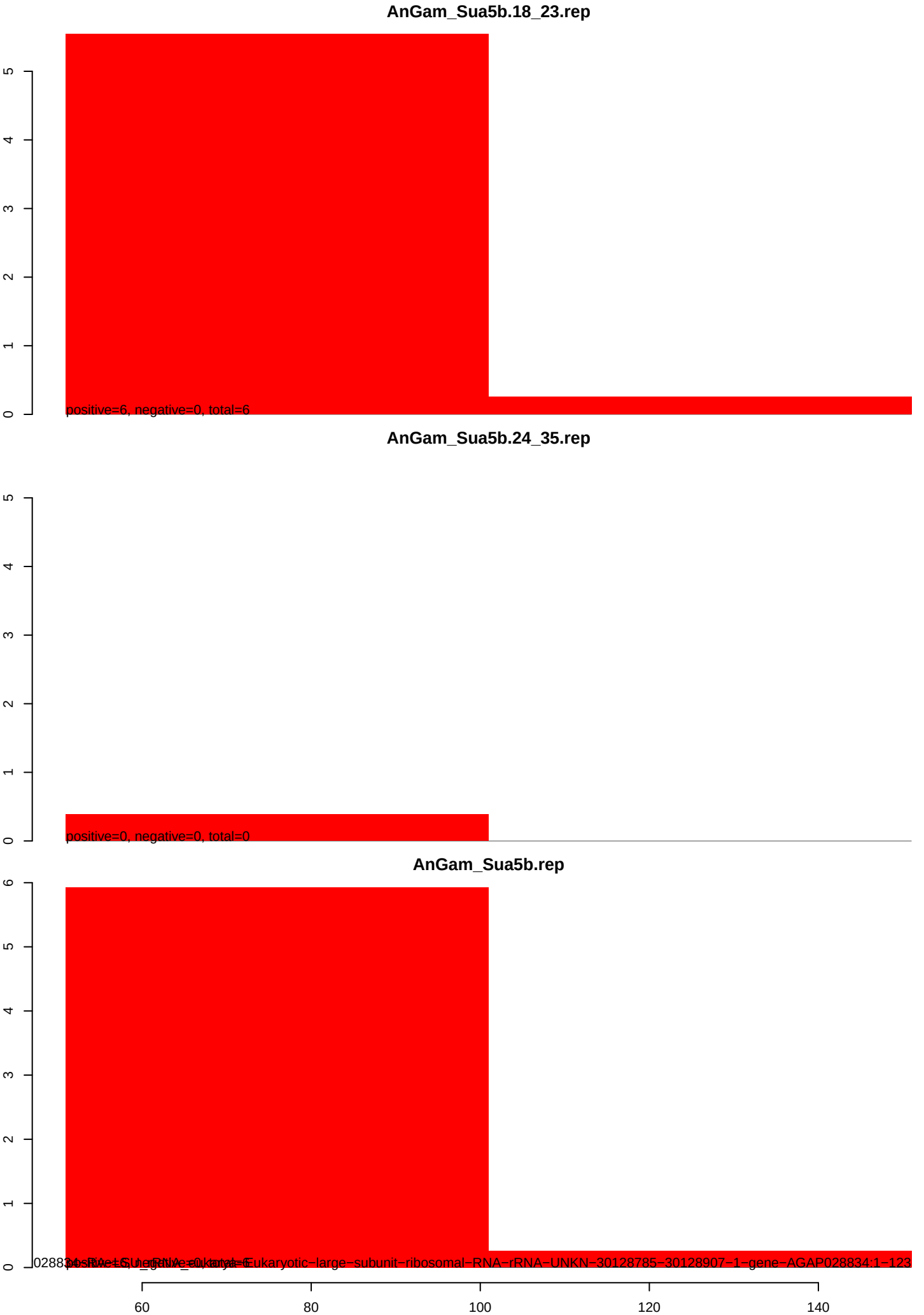
AnGam_Sua5b.18_23.rep
positive=22, negative=0, total=22
AnGam_Sua5b.24_35.rep
positive=3, negative=0, total=3
AnGam_Sua5b.rep
GAP028966:1-126
60
80
100
120
140


AnGam_Sua5b.18_23.rep
positive=26, negative=0, total=27
AnGam_Sua5b.24_35.rep
positive=1, negative=0, total=1
AnGam_Sua5b.rep
0
2
4
6
8
10
60
80
100
120
140


AnGam_Sua5b.18_23.rep
positive=7, negative=0, total=7
AnGam_Sua5b.24_35.rep
positive=2, negative=0, total=2
AnGam_Sua5b.rep
AGAP028924:1−149
Eukaryotic−large−subunit−ribosomal−RNA−rRNA−UNKN−41146804−41146952−1−gene−AGAP028924:1−149
0.0
0.5
1.0
1.5
2.0
2.5
3.0
60
80
100
120
140


AnGam_Sua5b.18_23.rep
positive=27, negative=0, total=27
AnGam_Sua5b.24_35.rep
positive=7, negative=0, total=7
AnGam_Sua5b.rep
60
80
100
120
140

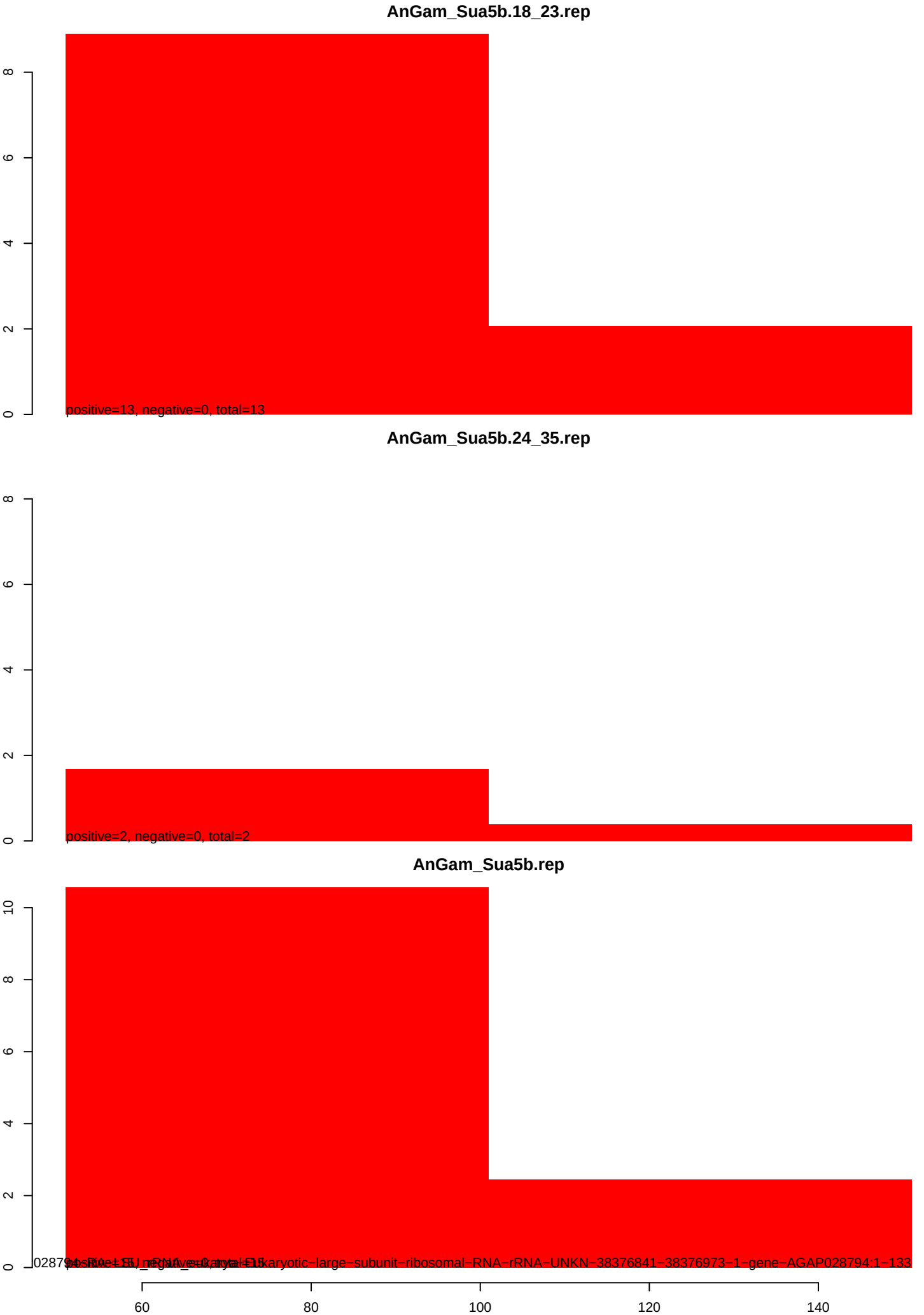
AnGam_Sua5b.18_23.rep
positive=22, negative=0, total=22
AnGam_Sua5b.24_35.rep
positive=2, negative=0, total=2
AnGam_Sua5b.rep
0
2
4
6
8
60
80
100
120
140

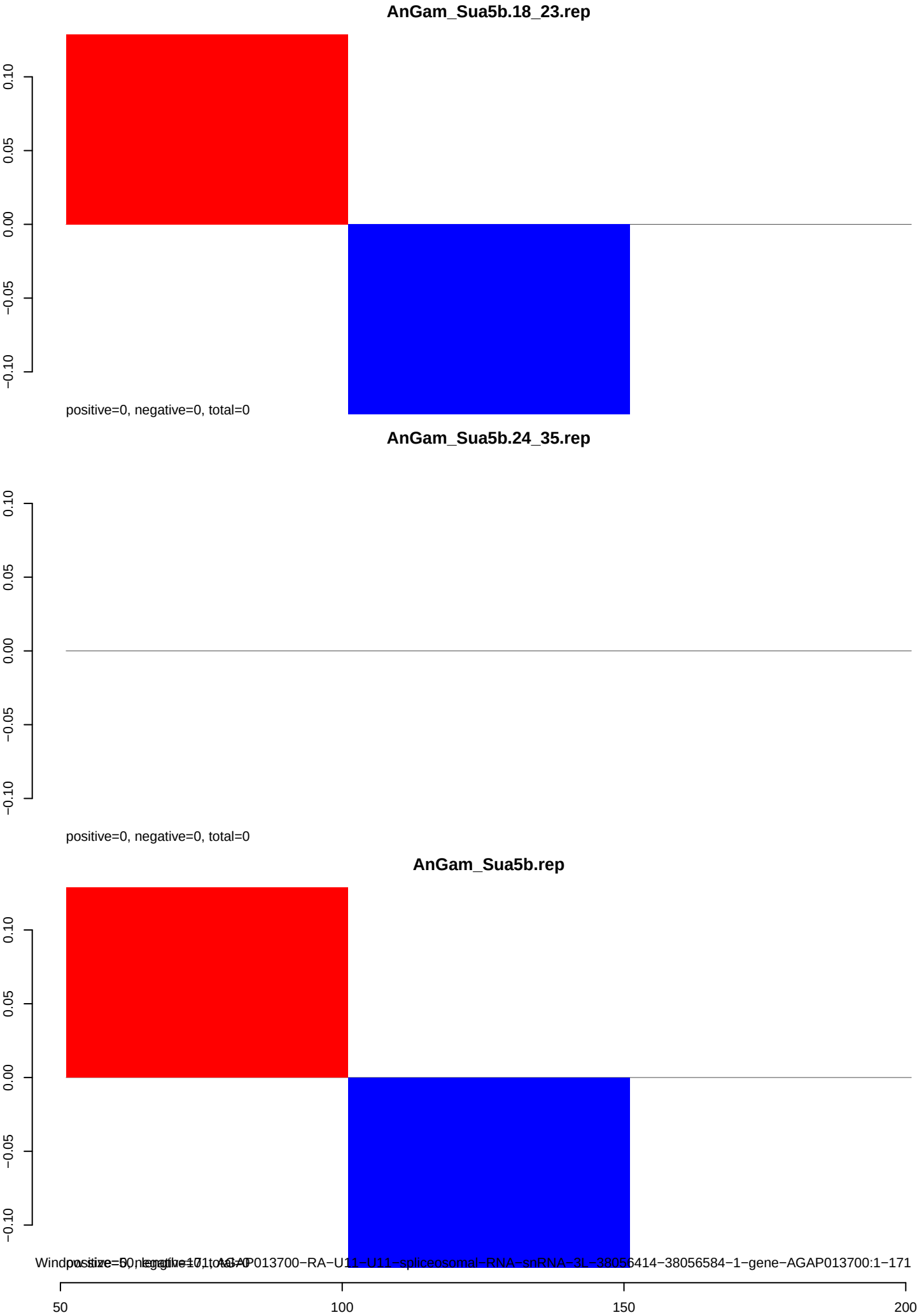

AnGam_Sua5b.18_23.rep
positive=6, negative=0, total=6
AnGam_Sua5b.24_35.rep
positive=0, negative=0, total=0
AnGam_Sua5b.rep
60
80
100
120
140

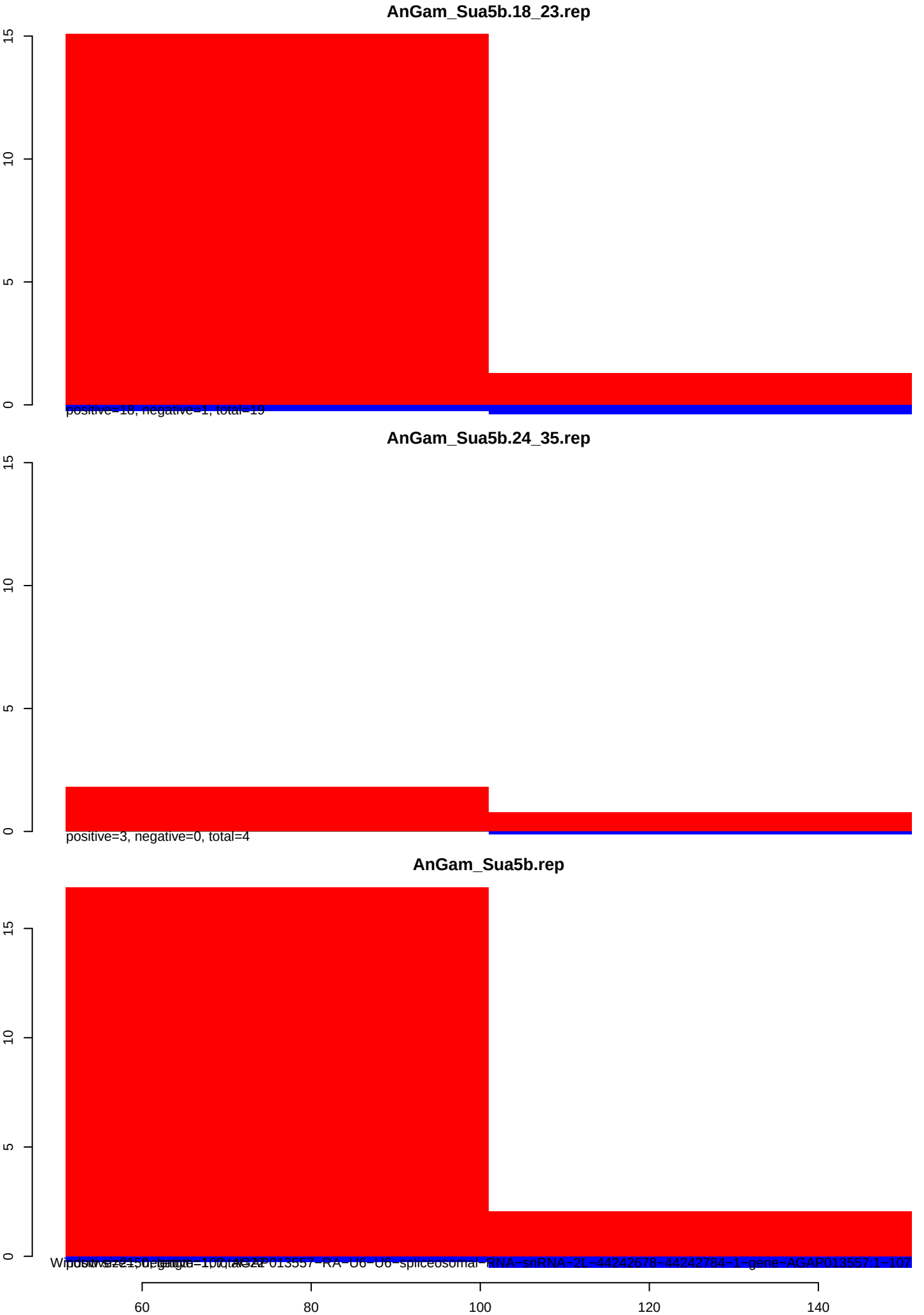
AnGam_Sua5b.18_23.rep
positive=18, negative=0, total=18
AnGam_Sua5b.24_35.rep
positive=1, negative=0, total=1
AnGam_Sua5b.rep
0 2 4 6 8
60 80 100 120 140

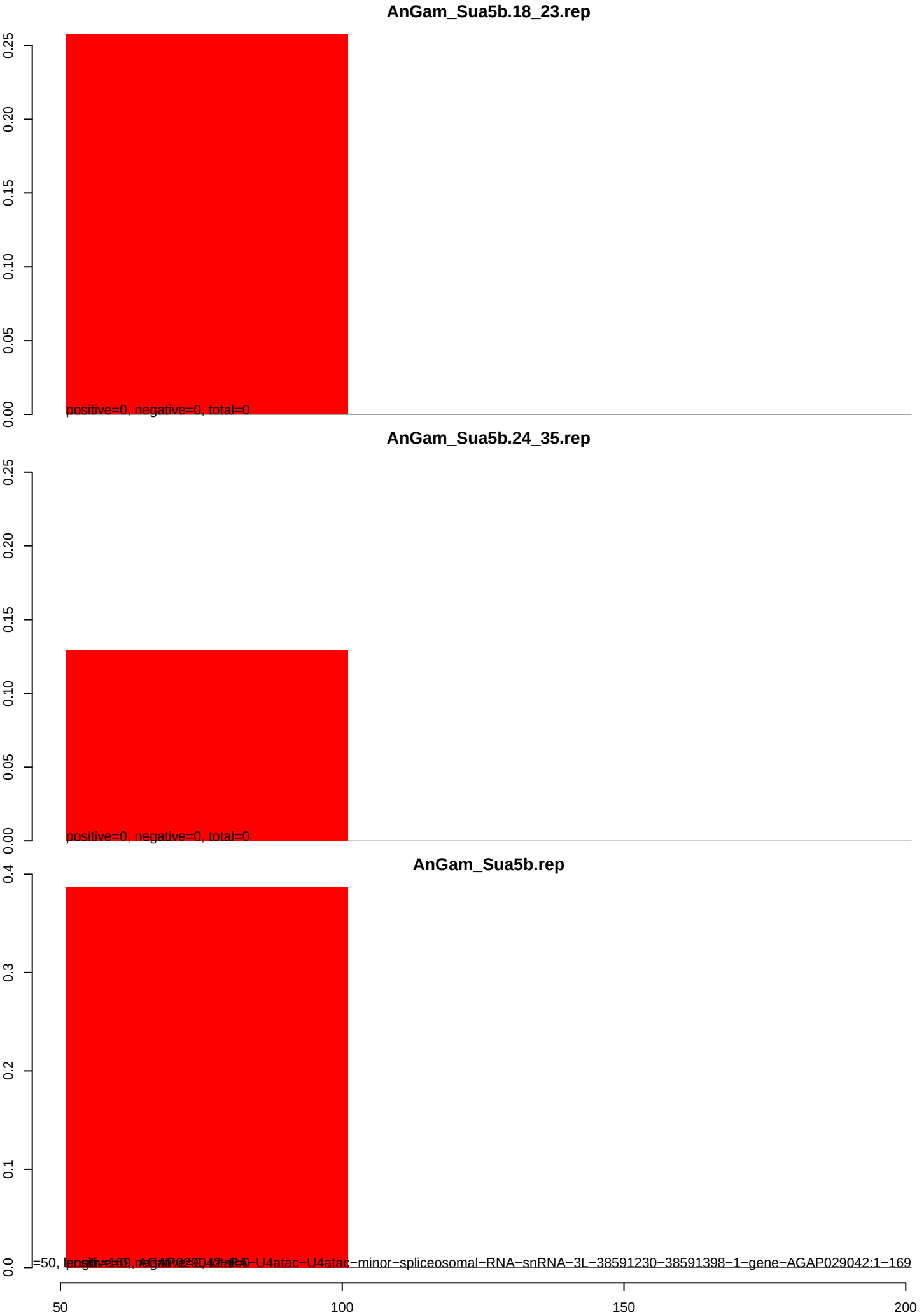
AnGam_Sua5b.18_23.rep
positive=59, negative=1, total=60
AnGam_Sua5b.24_35.rep
positive=21, negative=0, total=21
AnGam_Sua5b.rep
ndow
AGAP028806-RA-5S_rRNA-5S_ribosomal_RNA-rRNA-UNKN-37216522-37216640-1-gene-AGAP028806:1-119
60
80
100
120
140

AnGam_Sua5b.18_23.rep
positive=20, negative=0, total=20
AnGam_Sua5b.24_35.rep
positive=1, negative=0, total=1
AnGam_Sua5b.rep
60
80
100
120
140

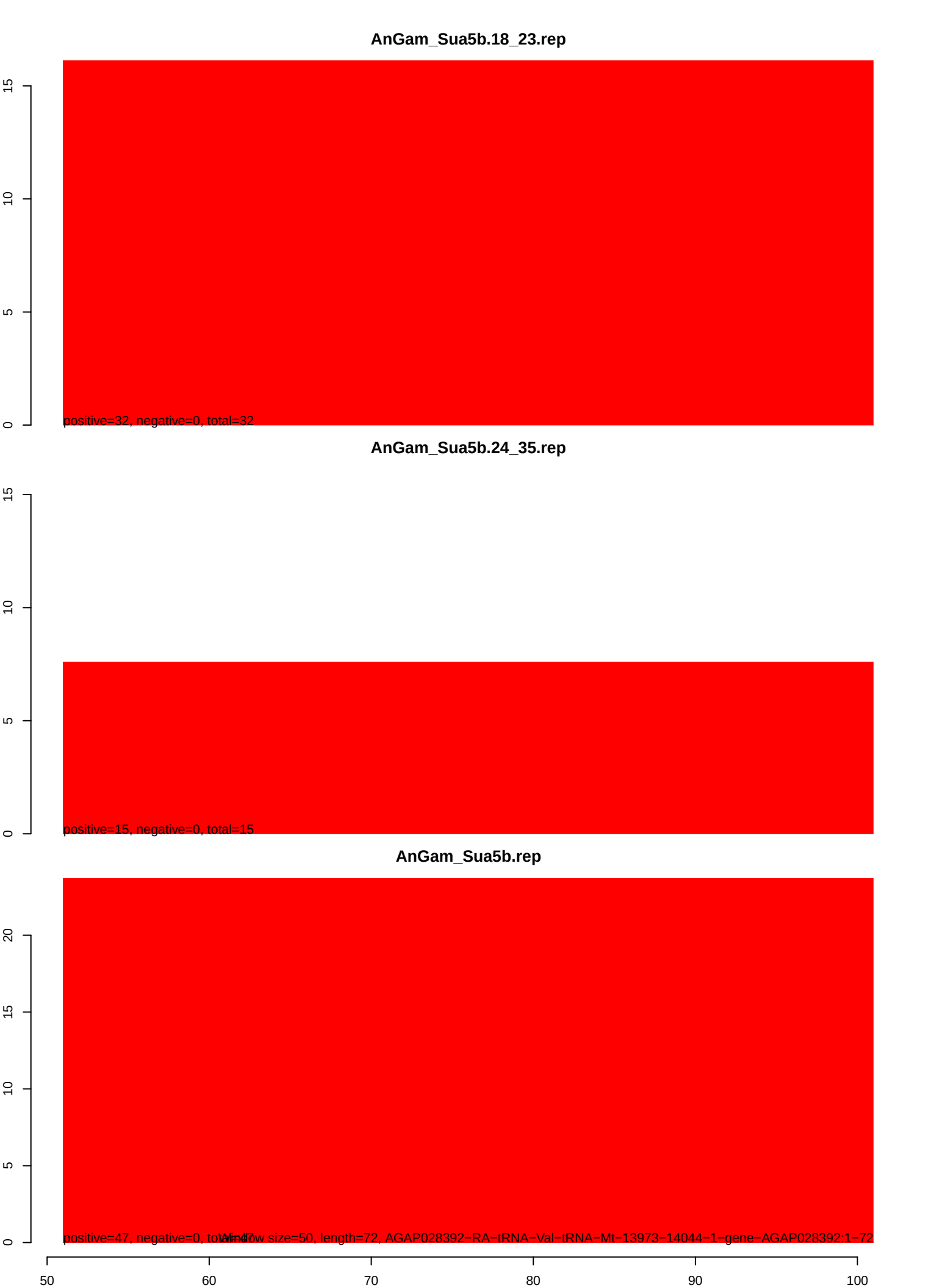

AnGam_Sua5b.18_23.rep
positive=13, negative=0, total=13
AnGam_Sua5b.24_35.rep
positive=2, negative=0, total=2
AnGam_Sua5b.rep
60
80
100
120
140


AnGam_Sua5b.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AnGam_Sua5b.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AnGam_Sua5b.rep
0.10
0.05
0.00
−0.05
−0.10
Window size=50, length=171, total=0
AGAP013700−RA−U11−U11−spliceosomal−RNA−snRNA−3L−38056414−38056584−1−gene−AGAP013700:1−171
50
100
150
200


AnGam_Sua5b.18_23.rep
0
5
10
15
positive=18, negative=1, total=19
AnGam_Sua5b.24_35.rep
0
5
10
15
positive=3, negative=0, total=4
AnGam_Sua5b.rep
0
5
10
15
60
80
100
120
140

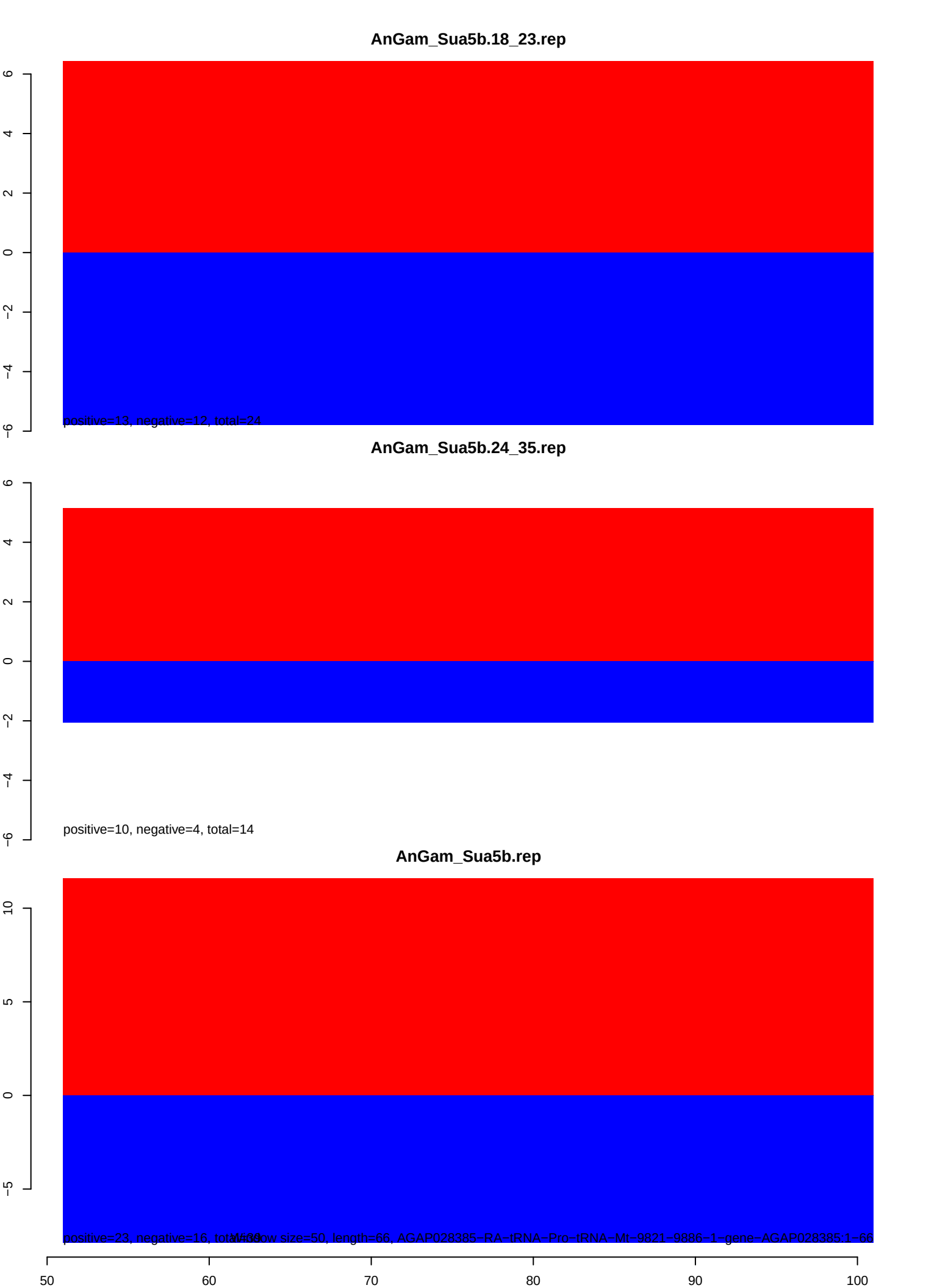

AnGam_Sua5b.18_23.rep
0.25
0.20
0.15
0.10
0.05
0.00
positive=0, negative=0, total=0
AnGam_Sua5b.24_35.rep
0.25
0.20
0.15
0.10
0.05
0.00
positive=0, negative=0, total=0
AnGam_Sua5b.rep
0.4
0.3
0.2
0.1
0.0
=50, l
U4atac-minor-spliceosomal-RNA-snRNA-3L-38591230-38591398-1-gene-AGAP029042:1-169
50
100
150
200

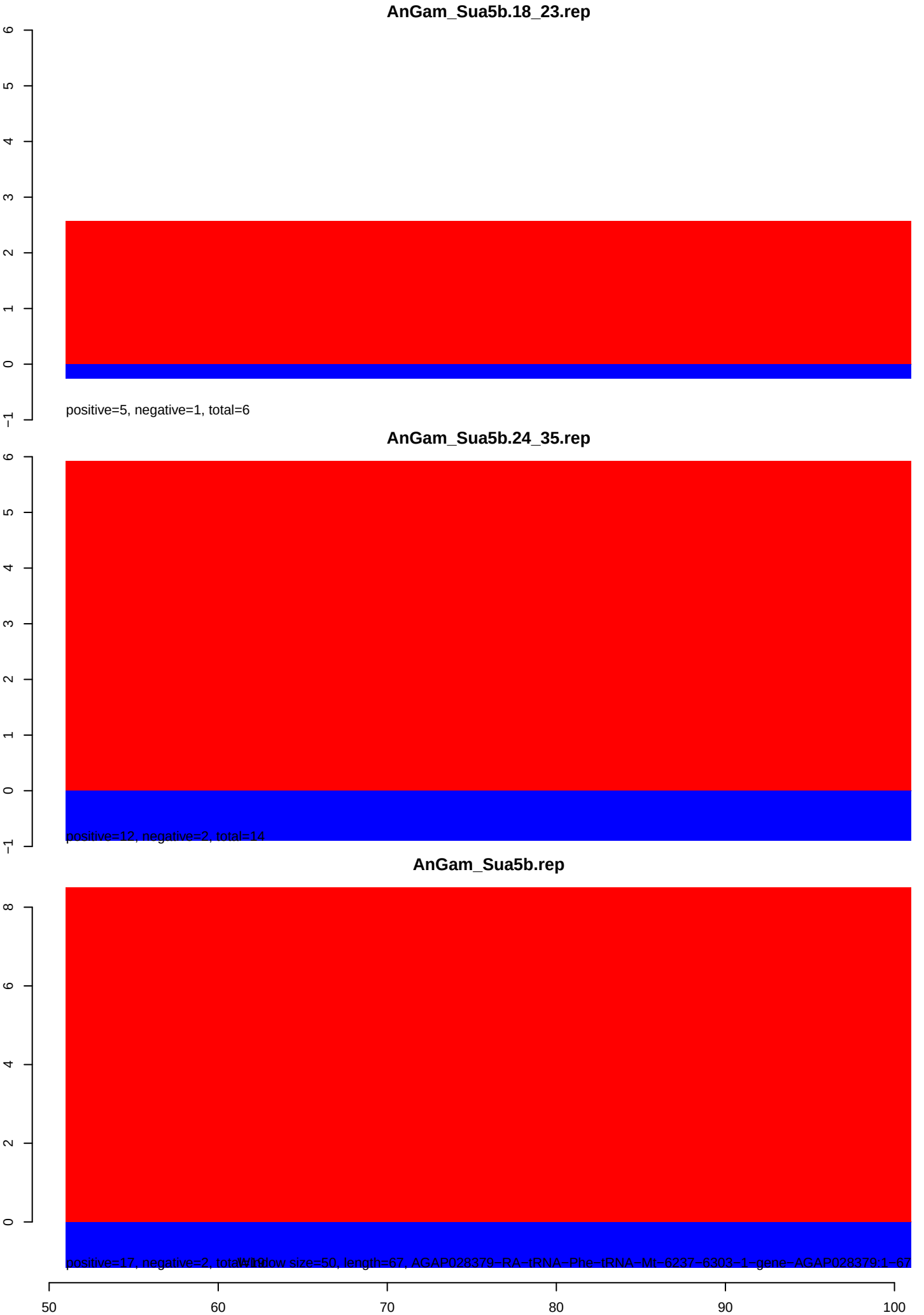
AnGam_Sua5b.18_23.rep
positive=20, negative=0, total=20
AnGam_Sua5b.24_35.rep
positive=2, negative=0, total=2
AnGam_Sua5b.rep
0 2 4 6 8 10
50 60 70 80 90 100

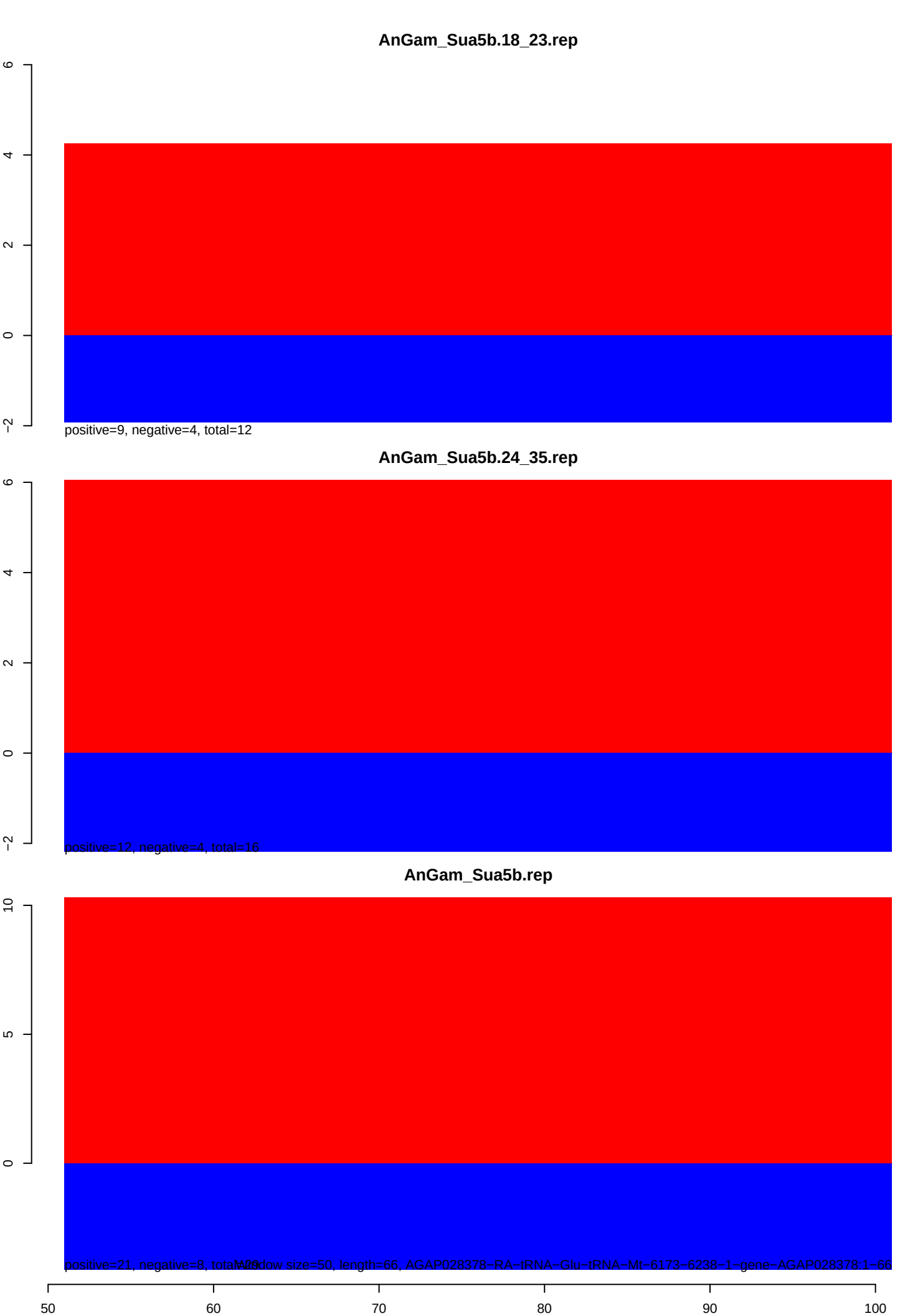

AnGam_Sua5b.18_23.rep
positive=32, negative=0, total=32
AnGam_Sua5b.24_35.rep
positive=15, negative=0, total=15
AnGam_Sua5b.rep
positive=47, negative=0, total=47
Window size=50, length=72, AGAP028392−RA−tRNA−Val−tRNA−Mt−13973−14044−1−gene−AGAP028392:1−72
0
5
10
15
20
50
60
70
80
90
100

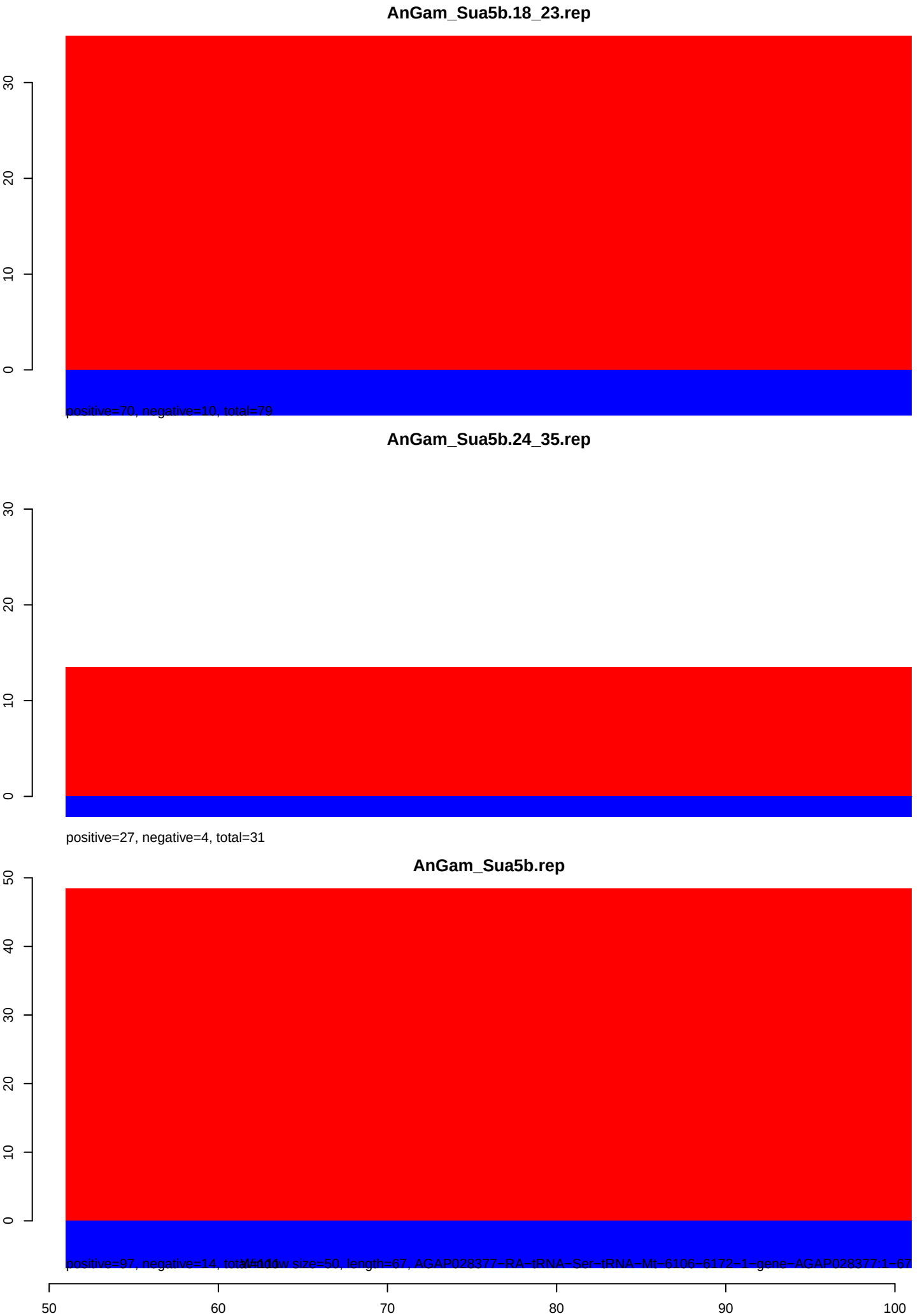
AnGam_Sua5b.18_23.rep
positive=26, negative=0, total=26
AnGam_Sua5b.24_35.rep
positive=12, negative=0, total=12
AnGam_Sua5b.rep
positive=38, negative=0, total=38
window size=50, length=66, AGAP028390-RA-tRNA-Leu-tRNA-Mt-12582-12647-1-gene-AGAP028390:1-66
0
2
4
6
8
10
12
0
5
10
15
50
60
70
80
90
100

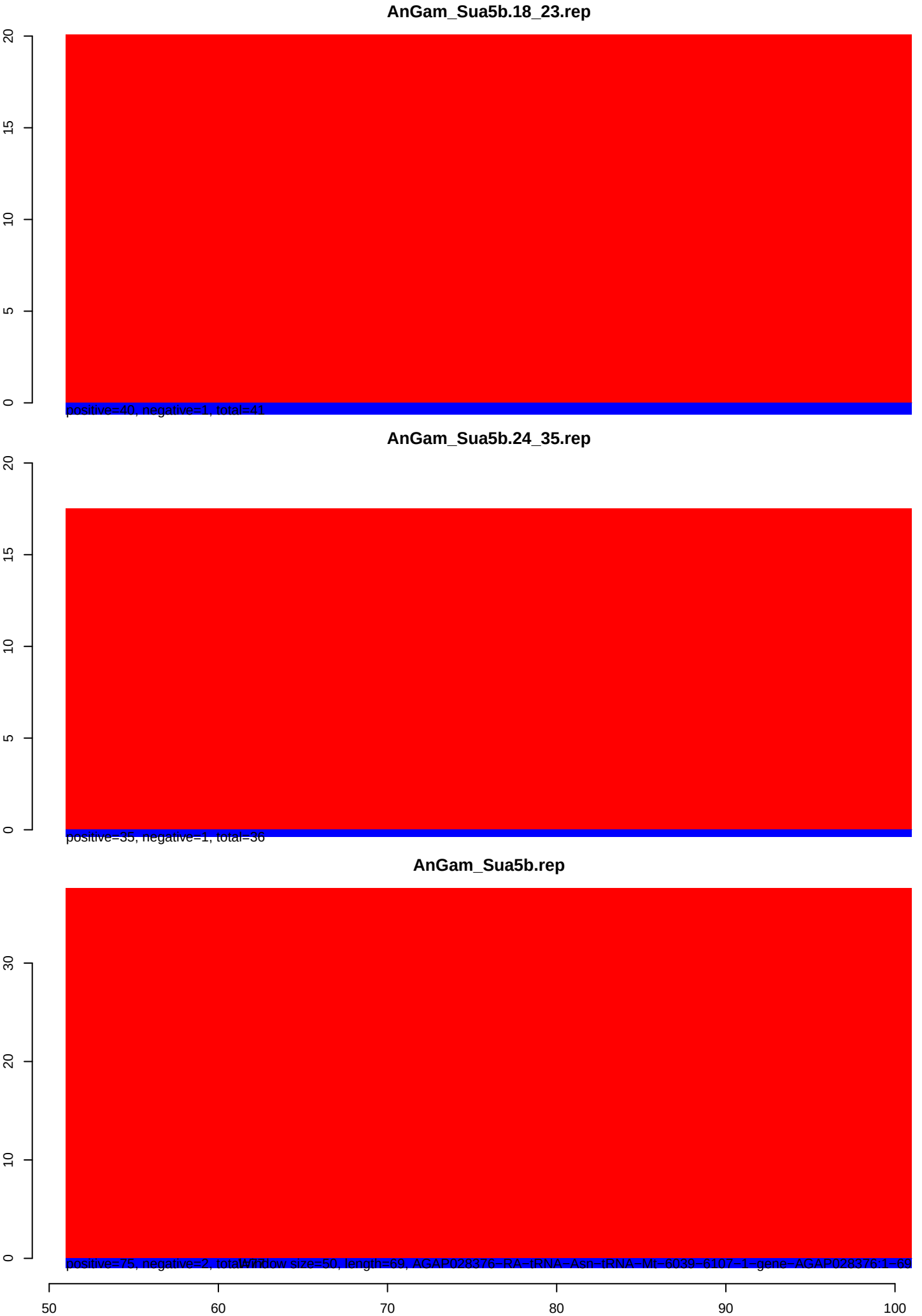
AnGam_Sua5b.18_23.rep
positive=4, negative=0, total=4
AnGam_Sua5b.24_35.rep
positive=30, negative=0, total=30
AnGam_Sua5b.rep
positive=35, negative=0, total=35
window size=50, length=66, AGAP028388-RA-tRNA-Ser-tRNA-Mt-11548-11613-1-gene-AGAP028388:1-66
0
5
10
15
50
60
70
80
90
100


AnGam_Sua5b.18_23.rep
positive=13, negative=12, total=24
AnGam_Sua5b.24_35.rep
positive=10, negative=4, total=14
AnGam_Sua5b.rep
positive=23, negative=16, total=39
Mirror size=50, length=66, AGAP028385-RA-tRNA-Pro-tRNA-Mt-9821-9886-1-gene-AGAP028385:1-66
50
60
70
80
90
100

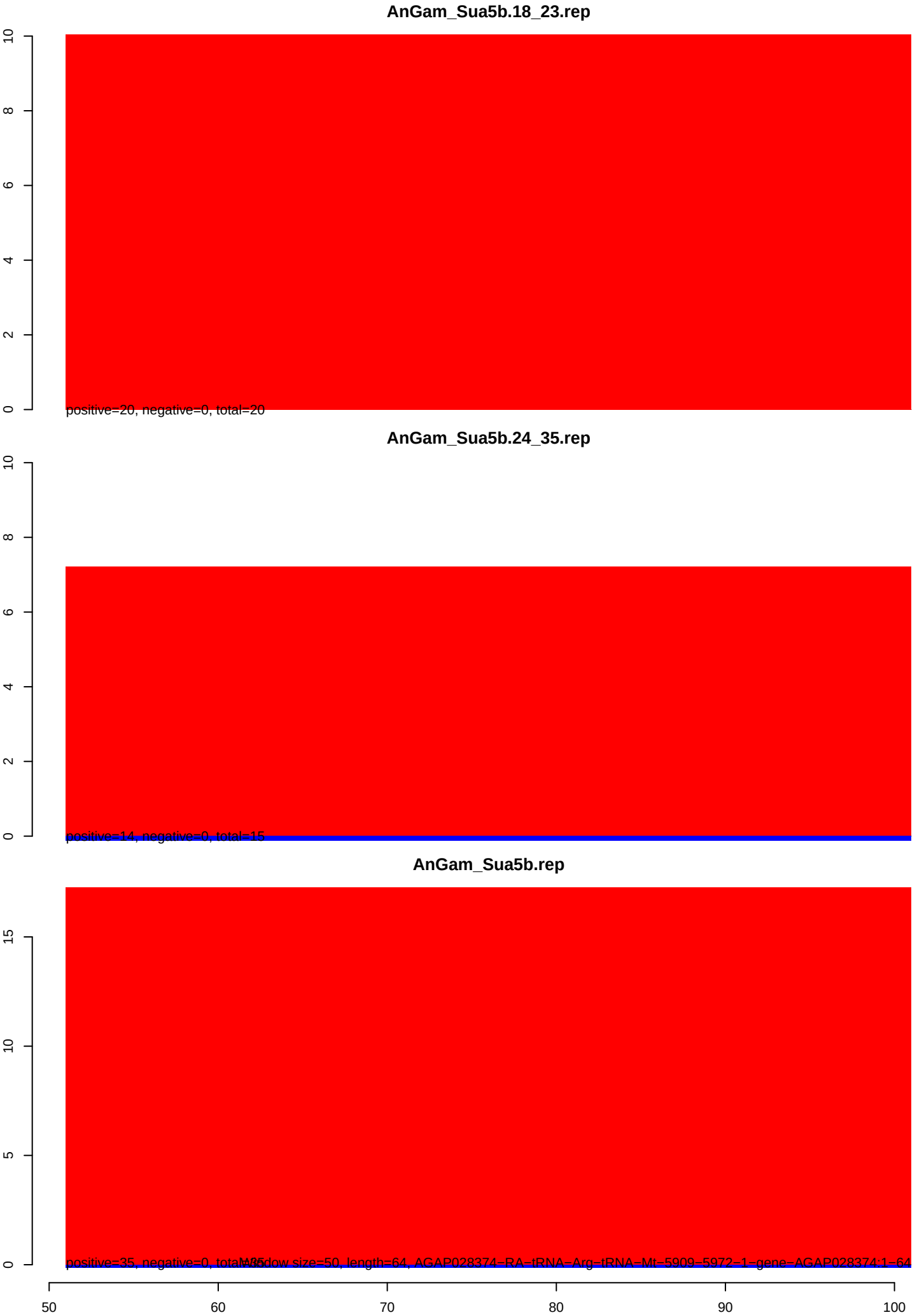

AnGam_Sua5b.18_23.rep
positive=5, negative=1, total=6
AnGam_Sua5b.24_35.rep
positive=12, negative=2, total=14
AnGam_Sua5b.rep
positive=17, negative=2, total=19
Window size=50, length=67, AGAP028379-RA-tRNA-Phe-tRNA-Mt-6237-6303-1-gene-AGAP028379:1-67

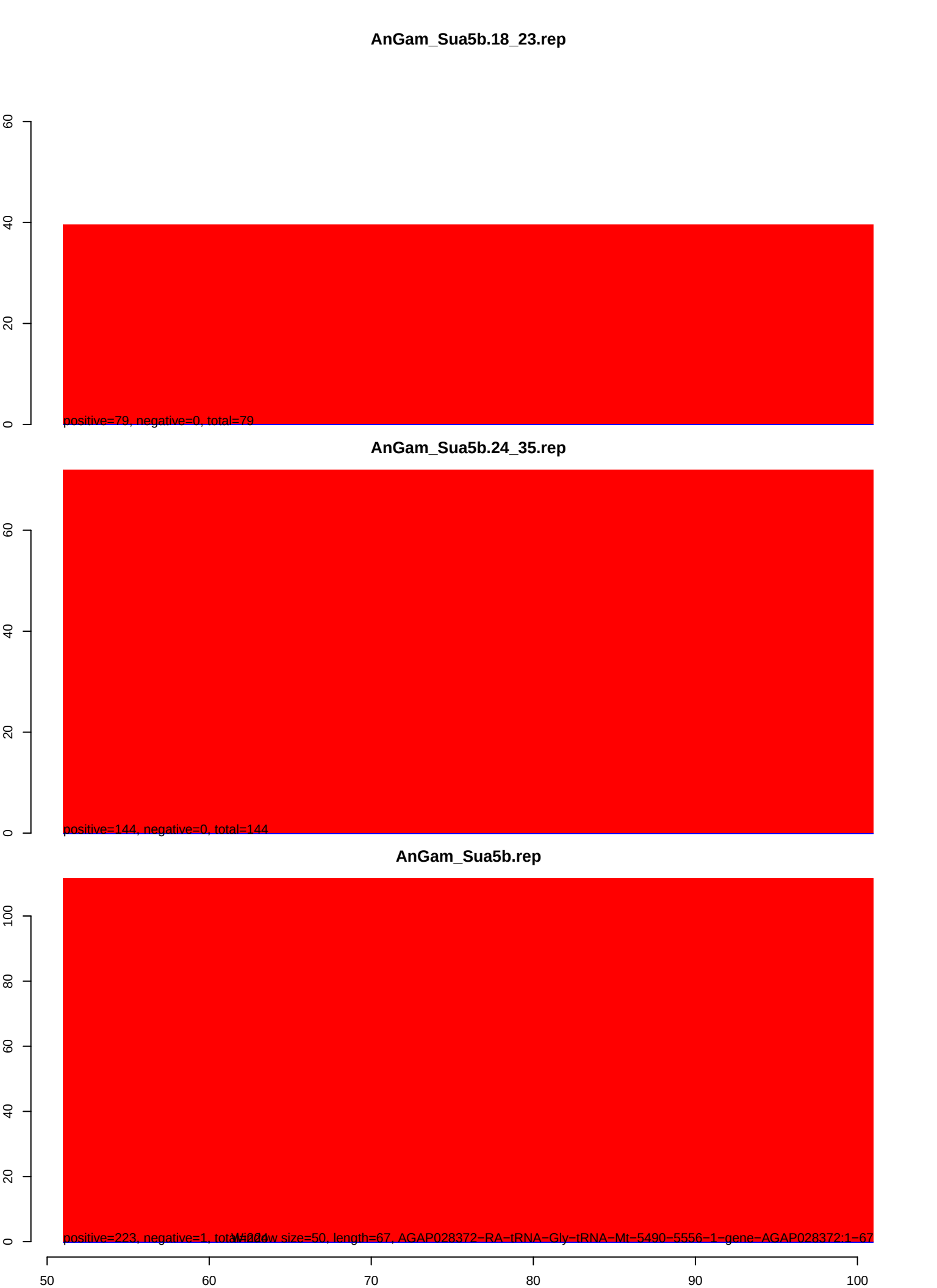

AnGam_Sua5b.18_23.rep
6
4
2
0
−2
positive=9, negative=4, total=12
AnGam_Sua5b.24_35.rep
6
4
2
0
−2
positive=12, negative=4, total=16
AnGam_Sua5b.rep
10
5
0
positive=21, negative=8, total=29
window size=50, length=66, AGAP028378−RA−tRNA−Glu−tRNA−Mt−6173−6238−1−gene−AGAP028378:1−66
50
60
70
80
90
100


AnGam_Sua5b.18_23.rep
0
10
20
30
positive=70, negative=10, total=79
AnGam_Sua5b.24_35.rep
0
10
20
30
positive=27, negative=4, total=31
AnGam_Sua5b.rep
0
10
20
30
40
50
positive=97, negative=14, total=111
Window size=50, length=67, AGAP028377-RA-tRNA-Ser-tRNA-Mt-6106-6172-1-gene-AGAP028377:1-67
50
60
70
80
90
100


AnGam_Sua5b.18_23.rep
positive=40, negative=1, total=41
AnGam_Sua5b.24_35.rep
positive=35, negative=1, total=36
AnGam_Sua5b.rep
positive=75, negative=2, total=77
Window size=50, length=69, AGAP028376-RA-tRNA-Asn-tRNA-Mt-6039-6107-1-gene-AGAP028376:1-69
0
5
10
15
20
30
50
60
70
80
90
100

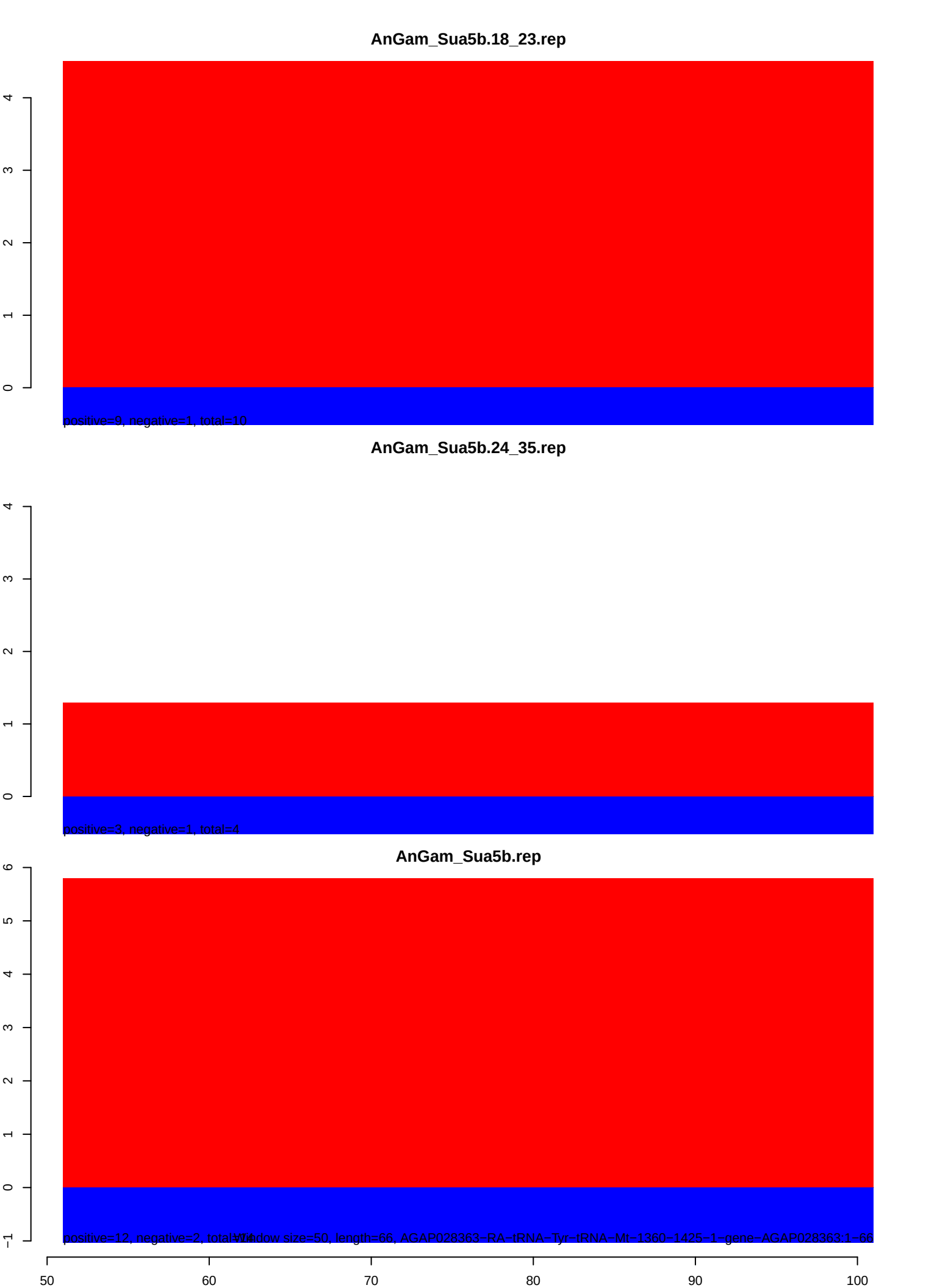
AnGam_Sua5b.18_23.rep
positive=30, negative=0, total=30
AnGam_Sua5b.24_35.rep
positive=32, negative=0, total=32
AnGam_Sua5b.rep
positive=61, negative=0, total=62
window size=50, length=66, AGAP028375-RA-tRNA-Ala-tRNA-Mt-5973-6038-1-gene-AGAP028375:1-66
0
5
10
15
20
25
30
50
60
70
80
90
100

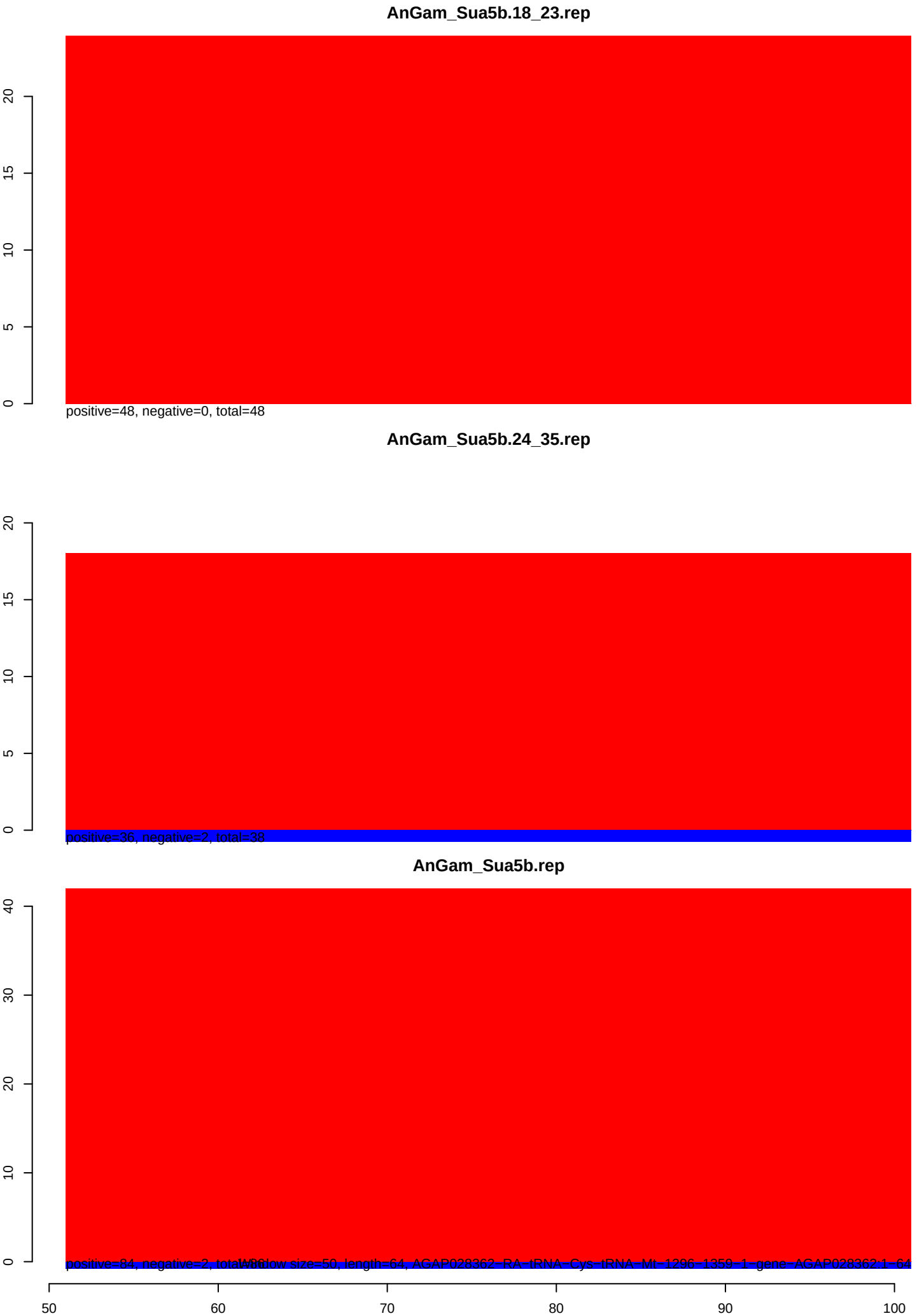

AnGam_Sua5b.18_23.rep
positive=20, negative=0, total=20
AnGam_Sua5b.24_35.rep
positive=14, negative=0, total=15
AnGam_Sua5b.rep
positive=35, negative=0, total=35
Window size=50, length=64, AGAP028374-RA-tRNA-Arg-tRNA-Mt-5909-5972-1-gene-AGAP028374:1-64
0
2
4
6
8
10
0
5
10
15
50
60
70
80
90
100

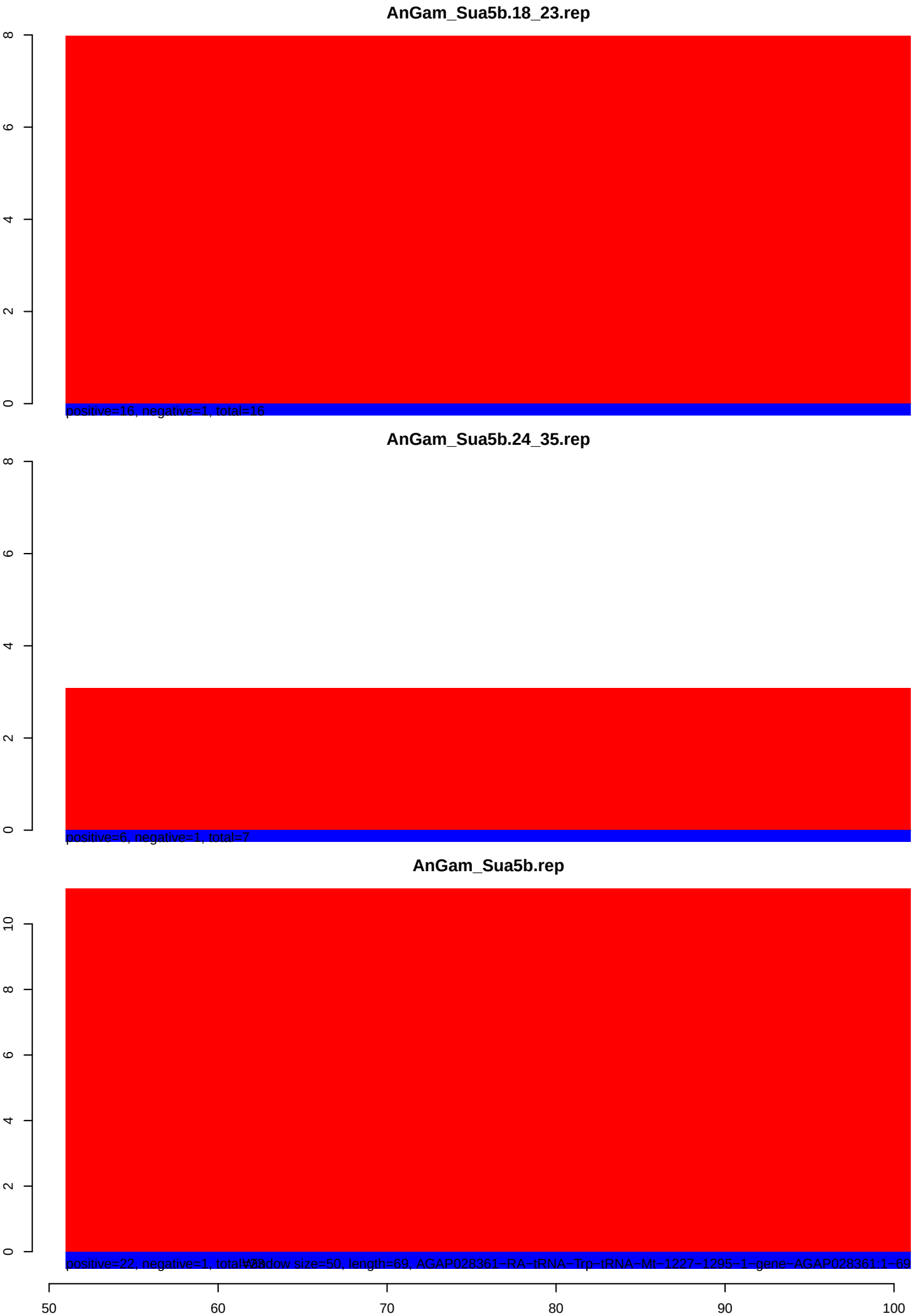

AnGam_Sua5b.18_23.rep
0
20
40
60
positive=79, negative=0, total=79
AnGam_Sua5b.24_35.rep
0
20
40
60
positive=144, negative=0, total=144
AnGam_Sua5b.rep
0
20
40
60
80
100
positive=223, negative=1, total=224
Window size=50, length=67, AGAP028372-RA-tRNA-Gly-tRNA-Mt-5490-5556-1-gene-AGAP028372:1-67
50
60
70
80
90
100

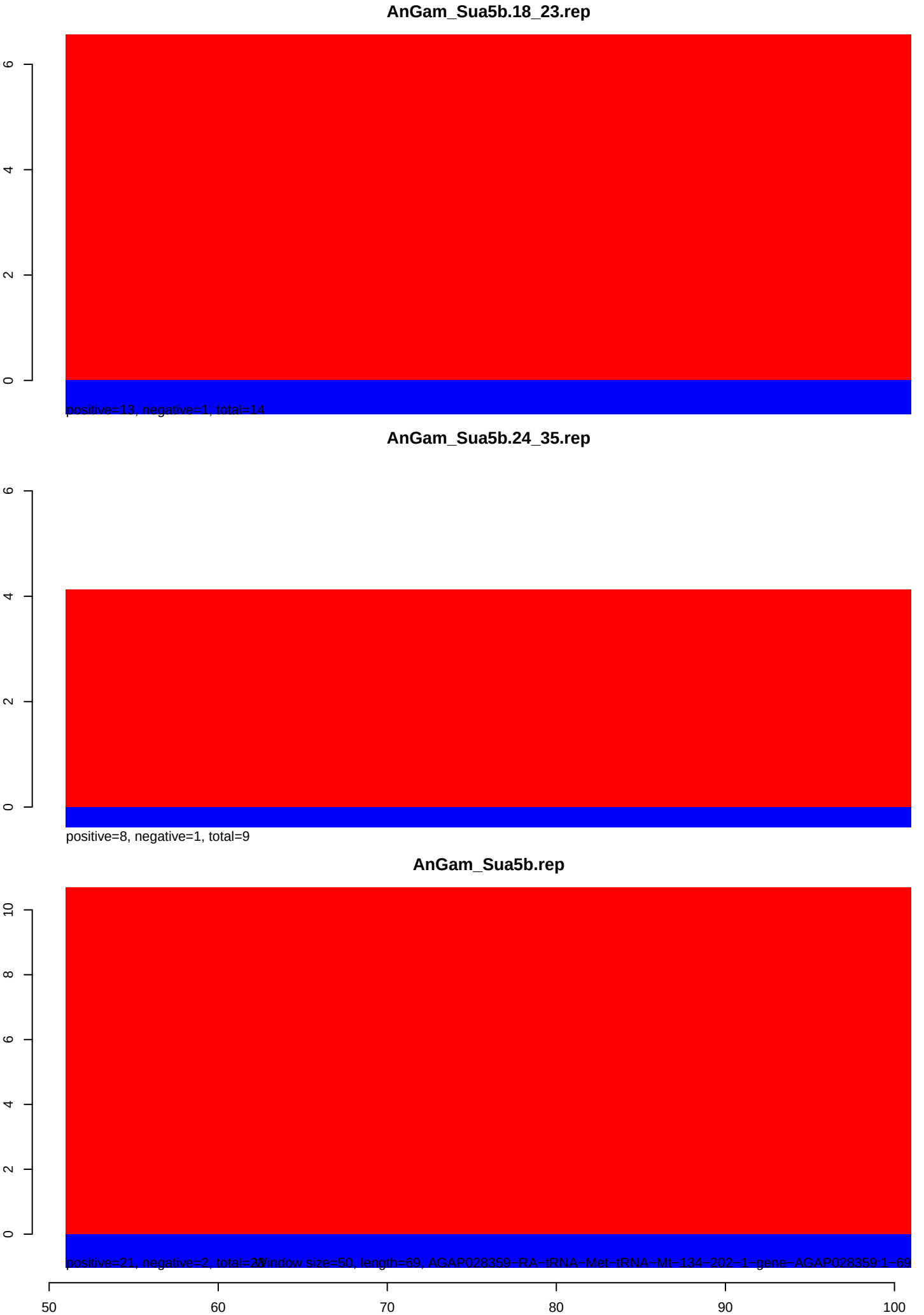
AnGam_Sua5b.18_23.rep
0
20
40
60
80
positive=38, negative=0, total=38
AnGam_Sua5b.24_35.rep
0
20
40
60
80
positive=179, negative=0, total=179
AnGam_Sua5b.rep
0
20
40
60
80
100
positive=216, negative=0, total=217
Window size=50, length=69, AGAP028368-RA-tRNA-Asp-tRNA-Mt-3799-3867-1-gene-AGAP028368:1-69
50
60
70
80
90
100

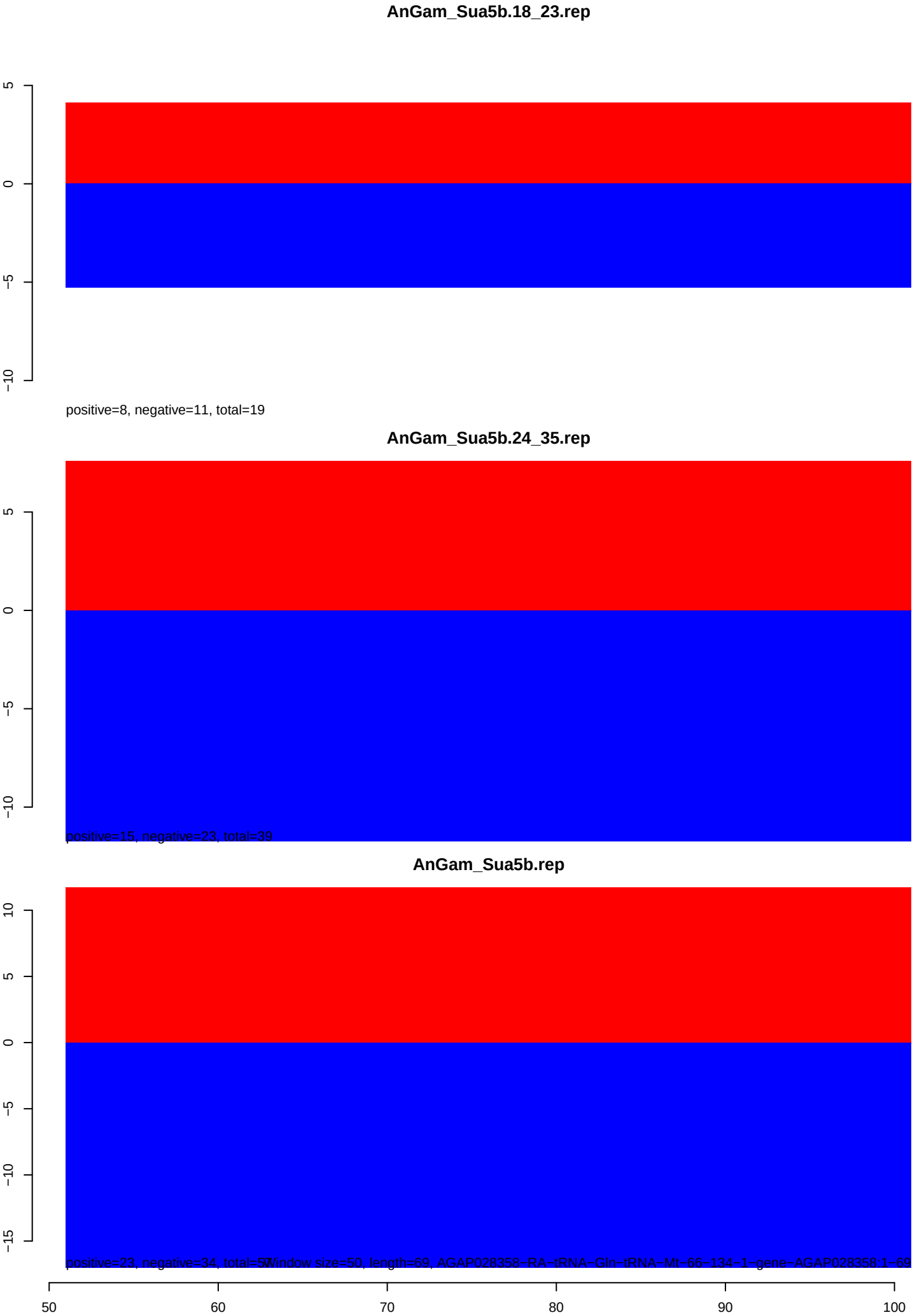
AnGam_Sua5b.18_23.rep
positive=43, negative=0, total=43
AnGam_Sua5b.24_35.rep
positive=23, negative=0, total=23
AnGam_Sua5b.rep
positive=67, negative=0, total=67
Window size=50, length=71, AGAP028367-RA-tRNA-Lys-tRNA-Mt-3717-3787-1-gene-AGAP028367:1-71
0
5
10
15
20
25
30
50
60
70
80
90
100

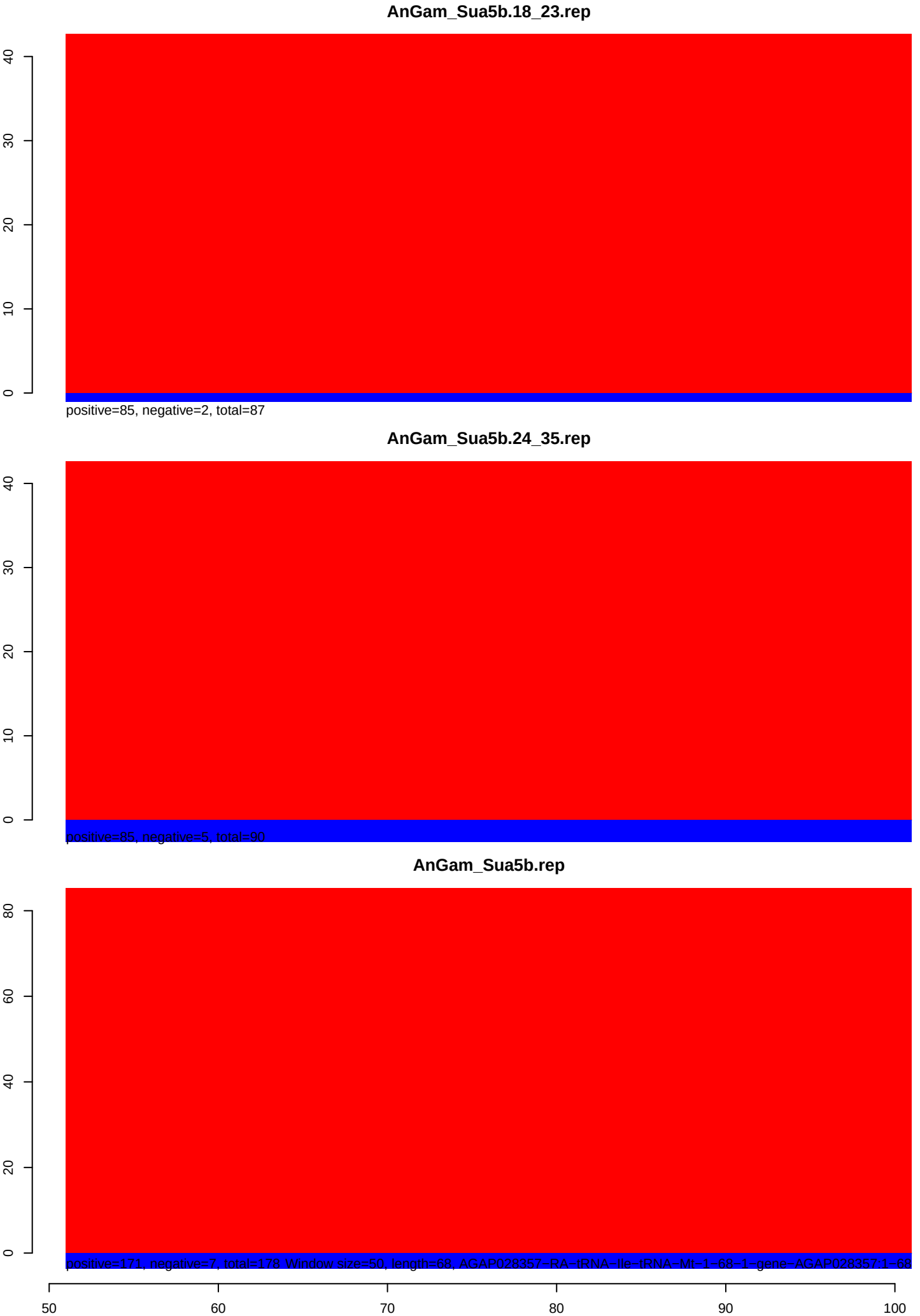

AnGam_Sua5b.18_23.rep
positive=9, negative=1, total=10
AnGam_Sua5b.24_35.rep
positive=3, negative=1, total=4
AnGam_Sua5b.rep
positive=12, negative=2, total=14
window size=50, length=66, AGAP028363-RA-tRNA-Tyr-tRNA-Mt-1360-1425-1-gene-AGAP028363:1-66

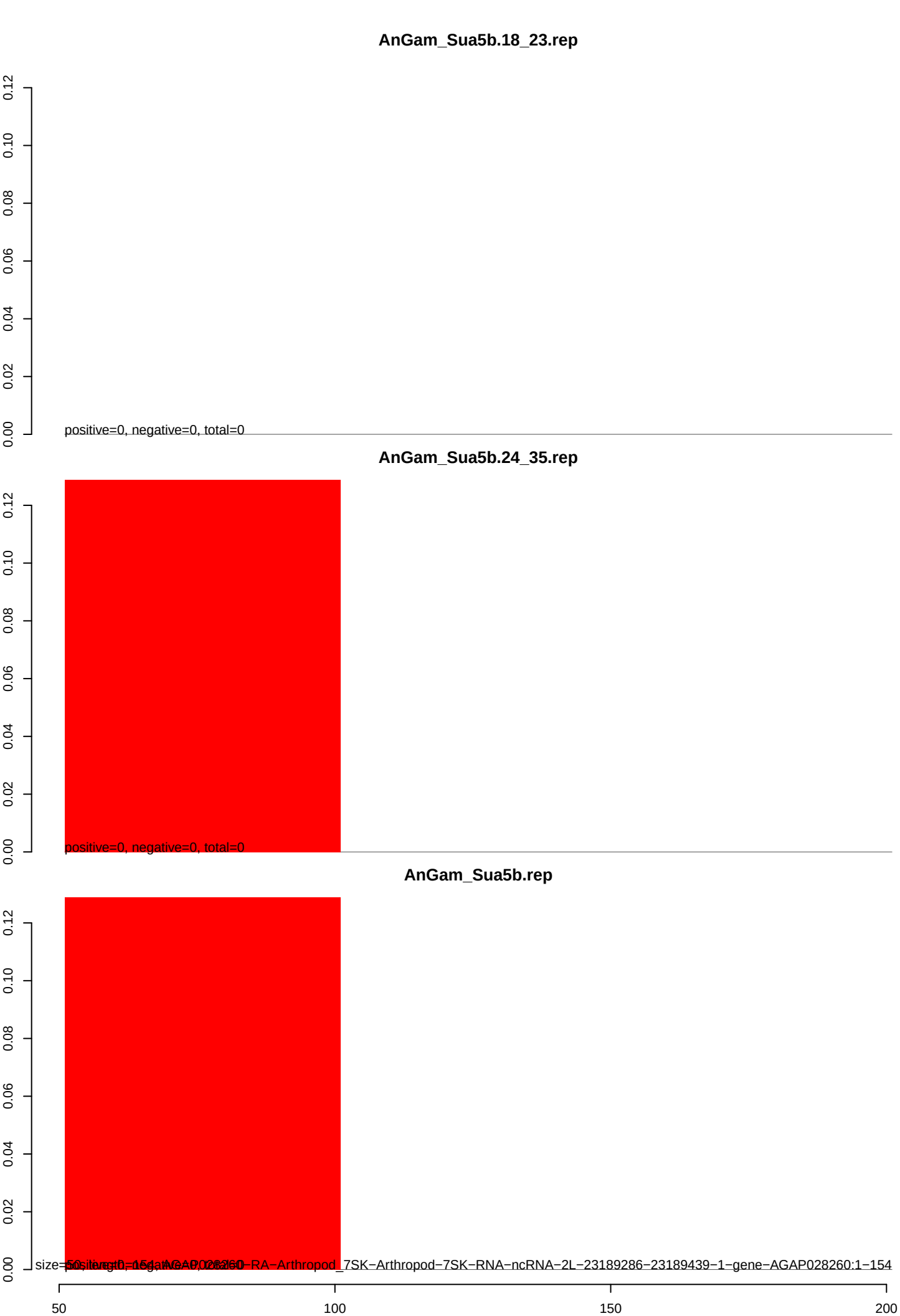

AnGam_Sua5b.18_23.rep
0
5
10
15
20
positive=48, negative=0, total=48
AnGam_Sua5b.24_35.rep
0
5
10
15
20
positive=36, negative=2, total=38
AnGam_Sua5b.rep
0
10
20
30
40
positive=84, negative=2, total=86
window size=50, length=64, AGAP028362-RA-tRNA-Cys-tRNA-Mt-1296-1359-1-gene-AGAP028362:1-64
50
60
70
80
90
100

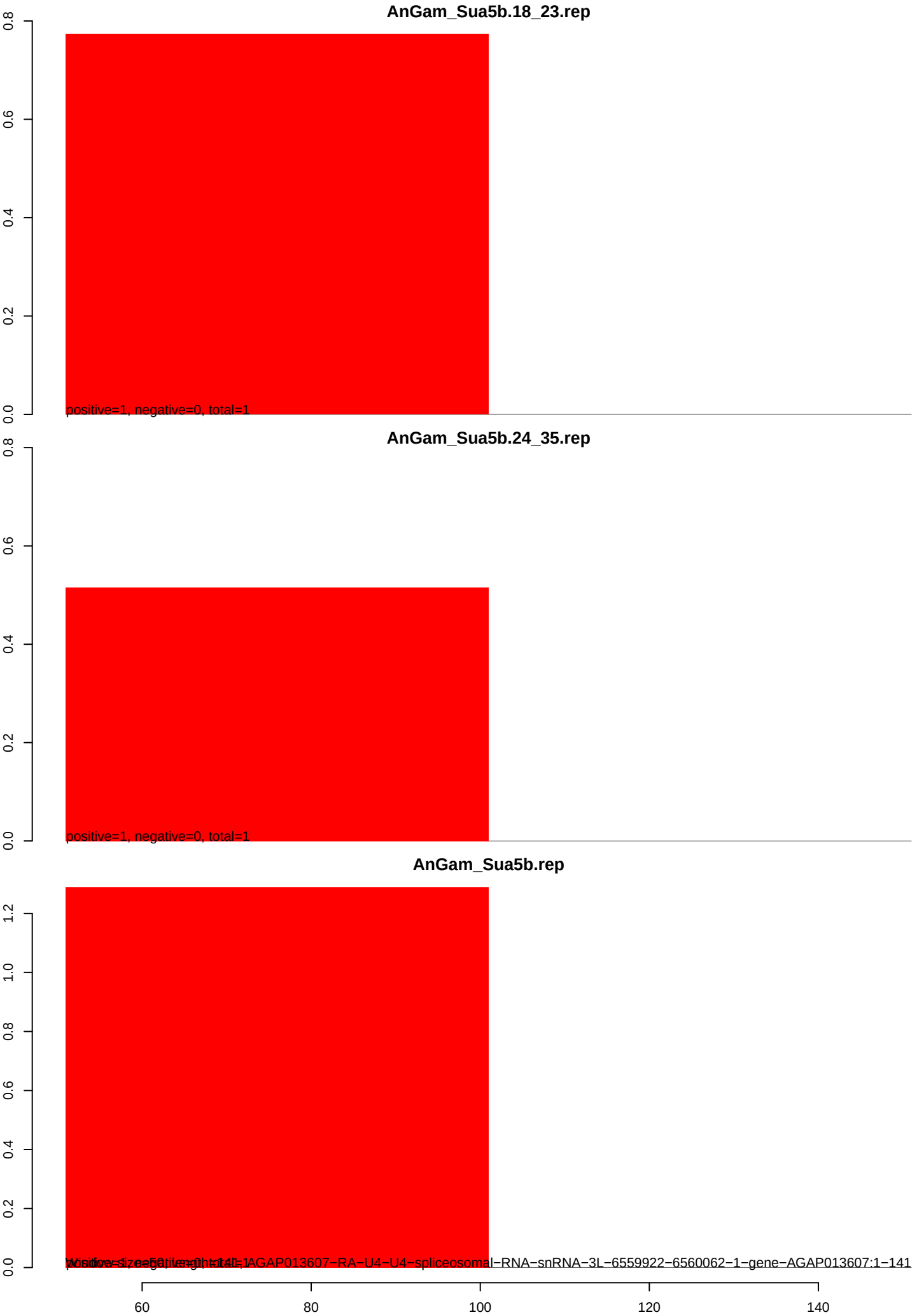

AnGam_Sua5b.18_23.rep
positive=16, negative=1, total=16
AnGam_Sua5b.24_35.rep
positive=6, negative=1, total=7
AnGam_Sua5b.rep
positive=22, negative=1, total=23
window size=50, length=69, AGAP028361-RA-tRNA-Trp-tRNA-Mt-1227-1295-1-gene-AGAP028361:1-69

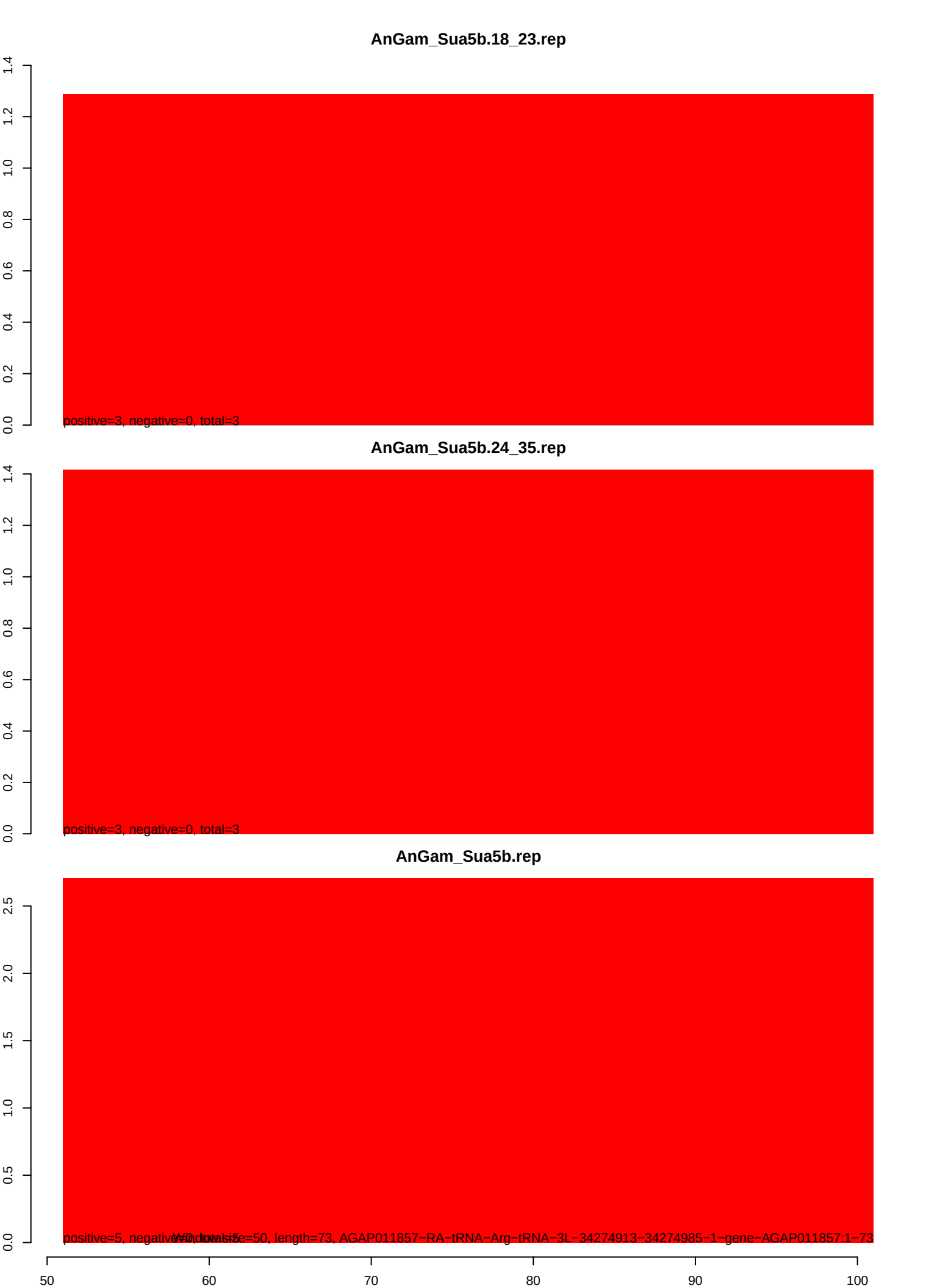

AnGam_Sua5b.18_23.rep
0
2
4
6
positive=13, negative=1, total=14
AnGam_Sua5b.24_35.rep
0
2
4
6
positive=8, negative=1, total=9
AnGam_Sua5b.rep
0
2
4
6
8
10
positive=21, negative=2, total=23
window size=50, length=69, AGAP028359-RA-tRNA-Met-tRNA-Mt-134-202-1-gene-AGAP028359:1-69
50
60
70
80
90
100


AnGam_Sua5b.18_23.rep
5
0
−5
−10
positive=8, negative=11, total=19
AnGam_Sua5b.24_35.rep
5
0
−5
−10
positive=15, negative=23, total=39
AnGam_Sua5b.rep
10
5
0
−5
−10
−15
positive=23, negative=34, total=57
Window size=50, length=69, AGAP028358−RA−tRNA−Gln−tRNA−Mt−66−134−1−gene−AGAP028358:1−69
50
60
70
80
90
100

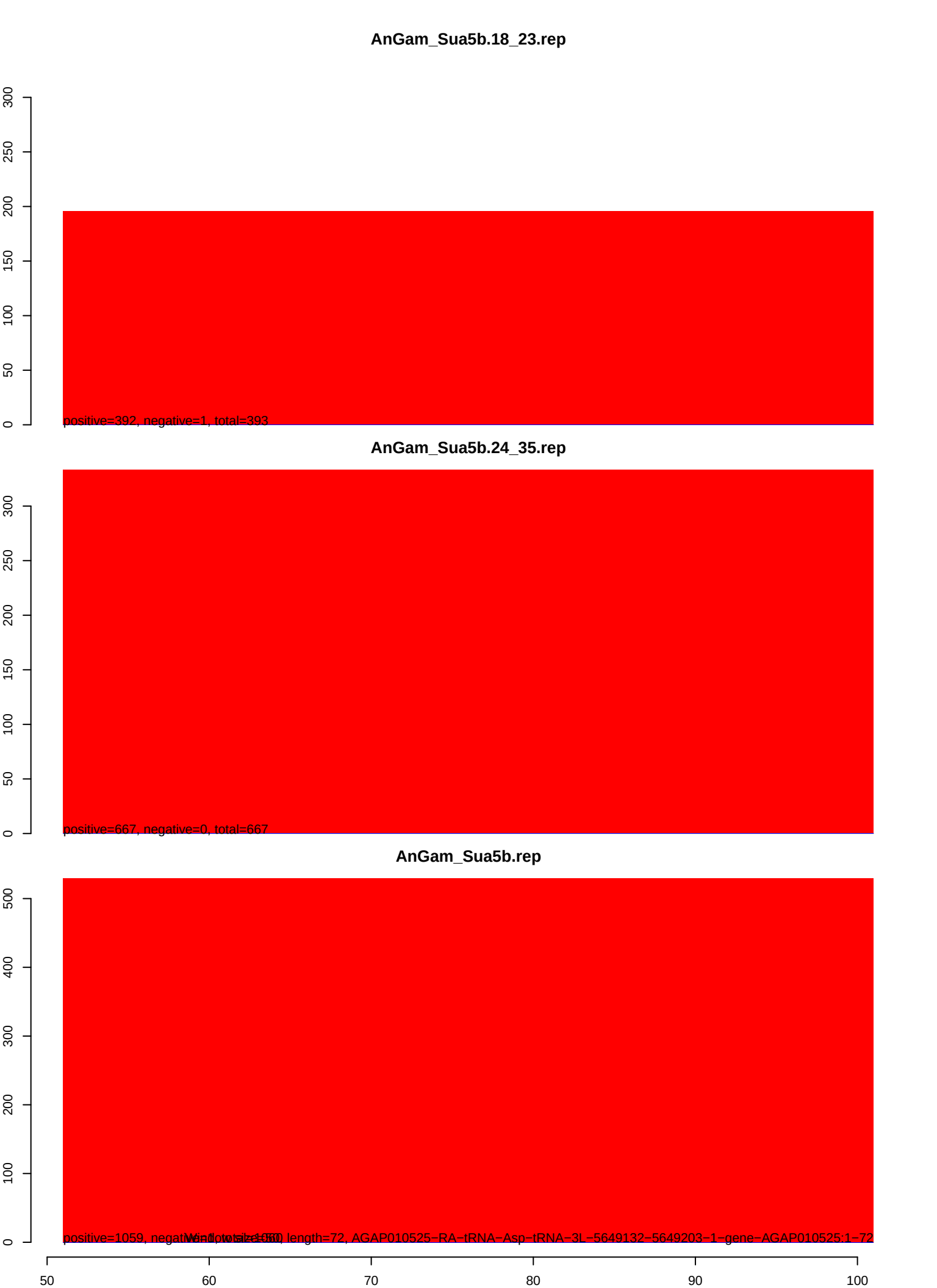

AnGam_Sua5b.18_23.rep
0
10
20
30
40
positive=85, negative=2, total=87
AnGam_Sua5b.24_35.rep
0
10
20
30
40
positive=85, negative=5, total=90
AnGam_Sua5b.rep
0
20
40
60
80
positive=171, negative=7, total=178 Window size=50, length=68, AGAP028357-RA-tRNA-Ile-tRNA-Mt-1-68-1-gene-AGAP028357:1-68
50
60
70
80
90
100

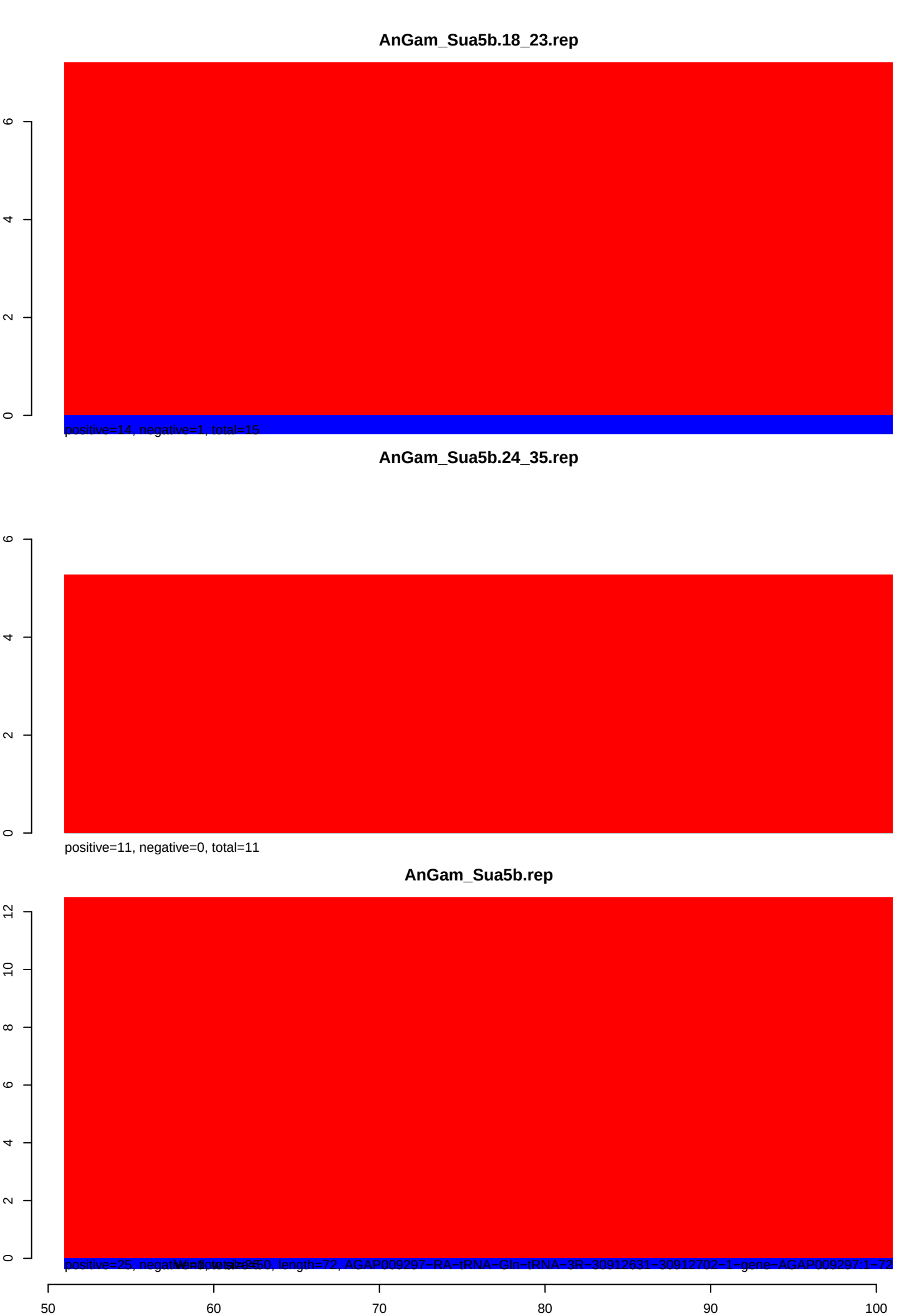

AnGam_Sua5b.18_23.rep
0.00
0.02
0.04
0.06
0.08
0.10
0.12
positive=0, negative=0, total=0
AnGam_Sua5b.24_35.rep
0.00
0.02
0.04
0.06
0.08
0.10
0.12
positive=0, negative=0, total=0
AnGam_Sua5b.rep
0.00
0.02
0.04
0.06
0.08
0.10
0.12
size=154
AGAP028260-RA-Arthropod_7SK-Arthropod-7SK-RNA-ncRNA-2L-23189286-23189439-1-gene-AGAP028260:1-154
50
100
150
200


AnGam_Sua5b.18_23.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=1
AnGam_Sua5b.24_35.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=1
AnGam_Sua5b.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
AGAP013607-RA-U4-U4-spliceosomal-RNA-snRNA-3L-6559922-6560062-1-gene-AGAP013607:1-141
60
80
100
120
140


AnGam_Sua5b.18_23.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
positive=3, negative=0, total=3
AnGam_Sua5b.24_35.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
positive=3, negative=0, total=3
AnGam_Sua5b.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=5, negative=0, total=5
50
60
70
80
90
100

AnGam_Sua5b.18_23.rep
0
5
10
15
20
positive=20, negative=0, total=20
AnGam_Sua5b.24_35.rep
0
5
10
15
20
positive=41, negative=0, total=41
AnGam_Sua5b.rep
0
5
10
15
20
25
30
positive=62, negative=0, total=62
50
60
70
80
90
100

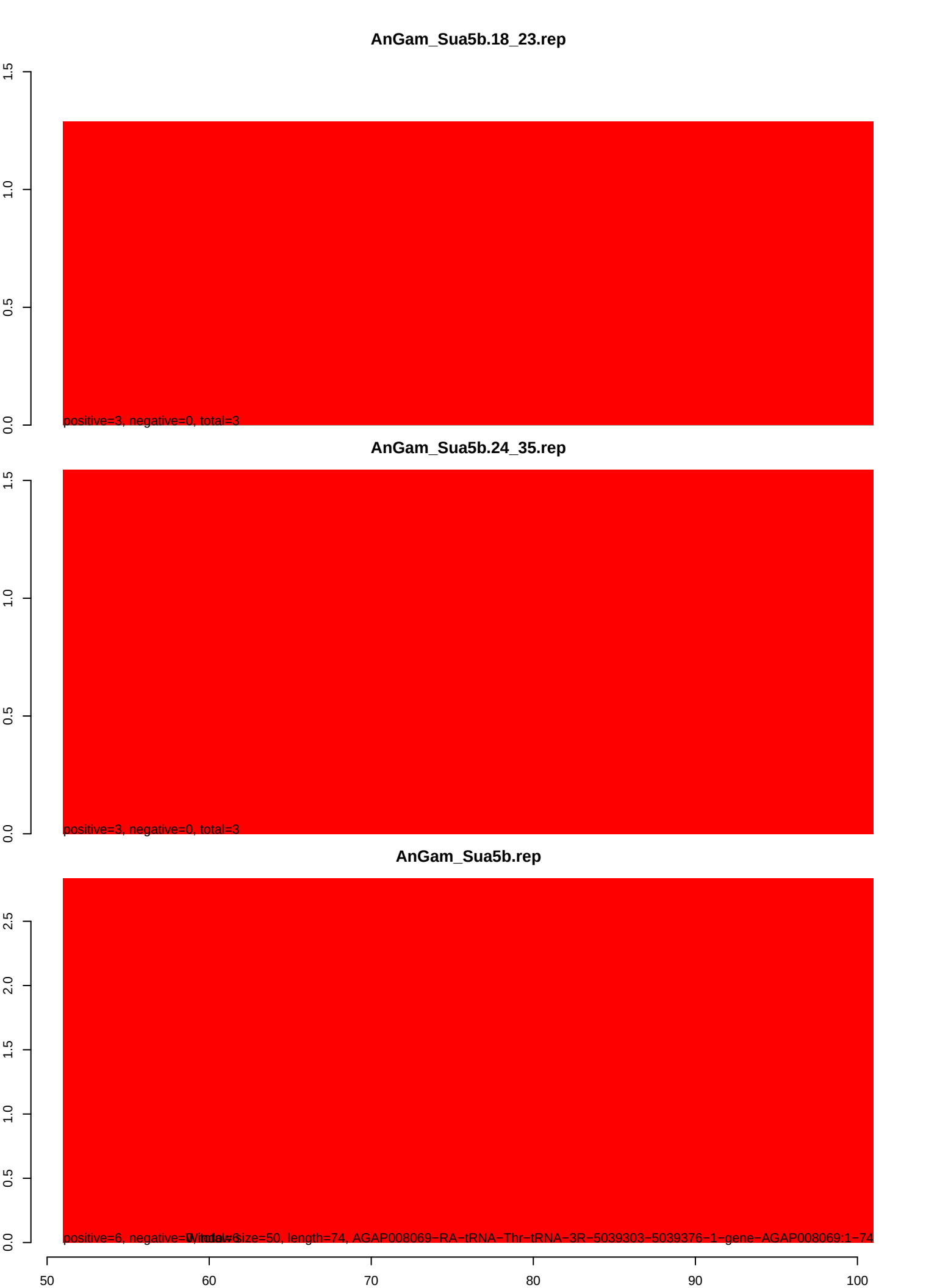

AnGam_Sua5b.18_23.rep
0
50
100
150
200
250
300
positive=392, negative=1, total=393
AnGam_Sua5b.24_35.rep
0
50
100
150
200
250
300
positive=667, negative=0, total=667
AnGam_Sua5b.rep
0
100
200
300
400
500
positive=1059, negative=1, total=1060
length=72, AGAP010525−RA−tRNA−Asp−tRNA−3L−5649132−5649203−1−gene−AGAP010525:1−72
50
60
70
80
90
100

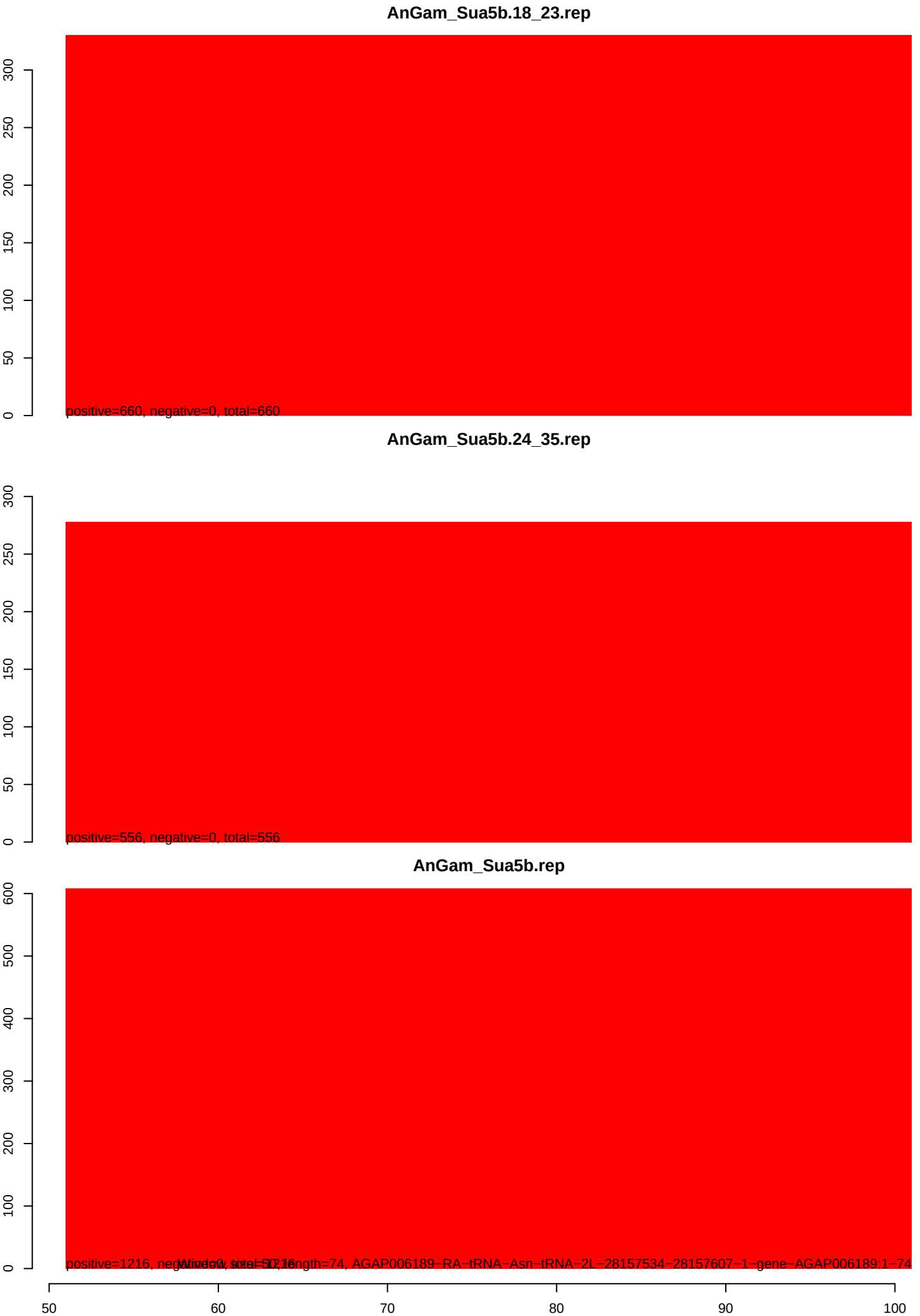

AnGam_Sua5b.18_23.rep
0
2
4
6
positive=14, negative=1, total=15
AnGam_Sua5b.24_35.rep
0
2
4
6
positive=11, negative=0, total=11
AnGam_Sua5b.rep
0
2
4
6
8
10
12
positive=25, negative=1, total=26
50
60
70
80
90
100

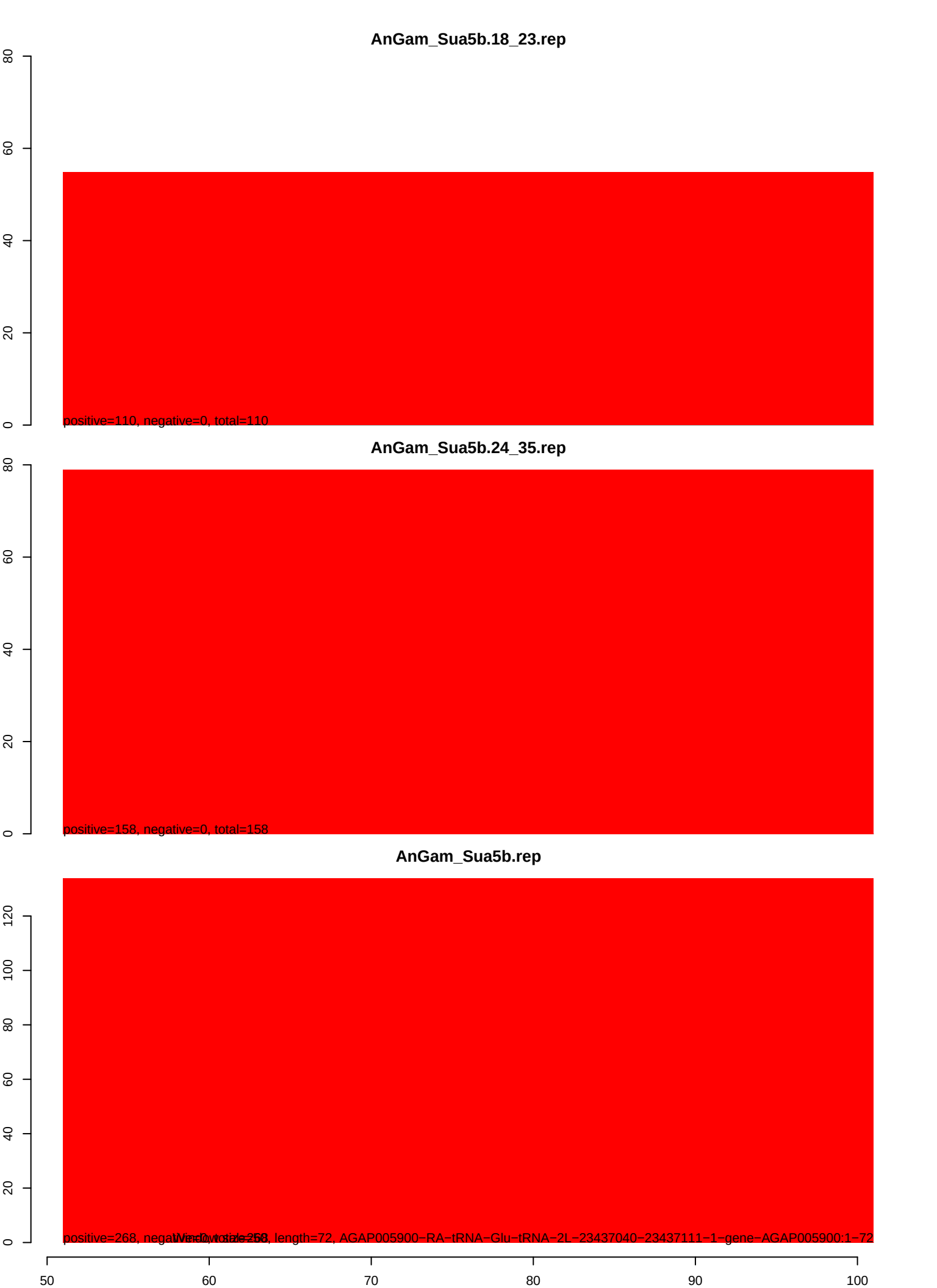
AnGam_Sua5b.18_23.rep
positive=12, negative=0, total=12
AnGam_Sua5b.24_35.rep
positive=8, negative=0, total=8
AnGam_Sua5b.rep
positive=20, negative=0, total=20, length=73, AGAP009113−RA−tRNA−Ala−tRNA−3R−26006376−26006448−1−gene−AGAP009113:1−73
0
1
2
3
4
5
6
8
10
50
60
70
80
90
100

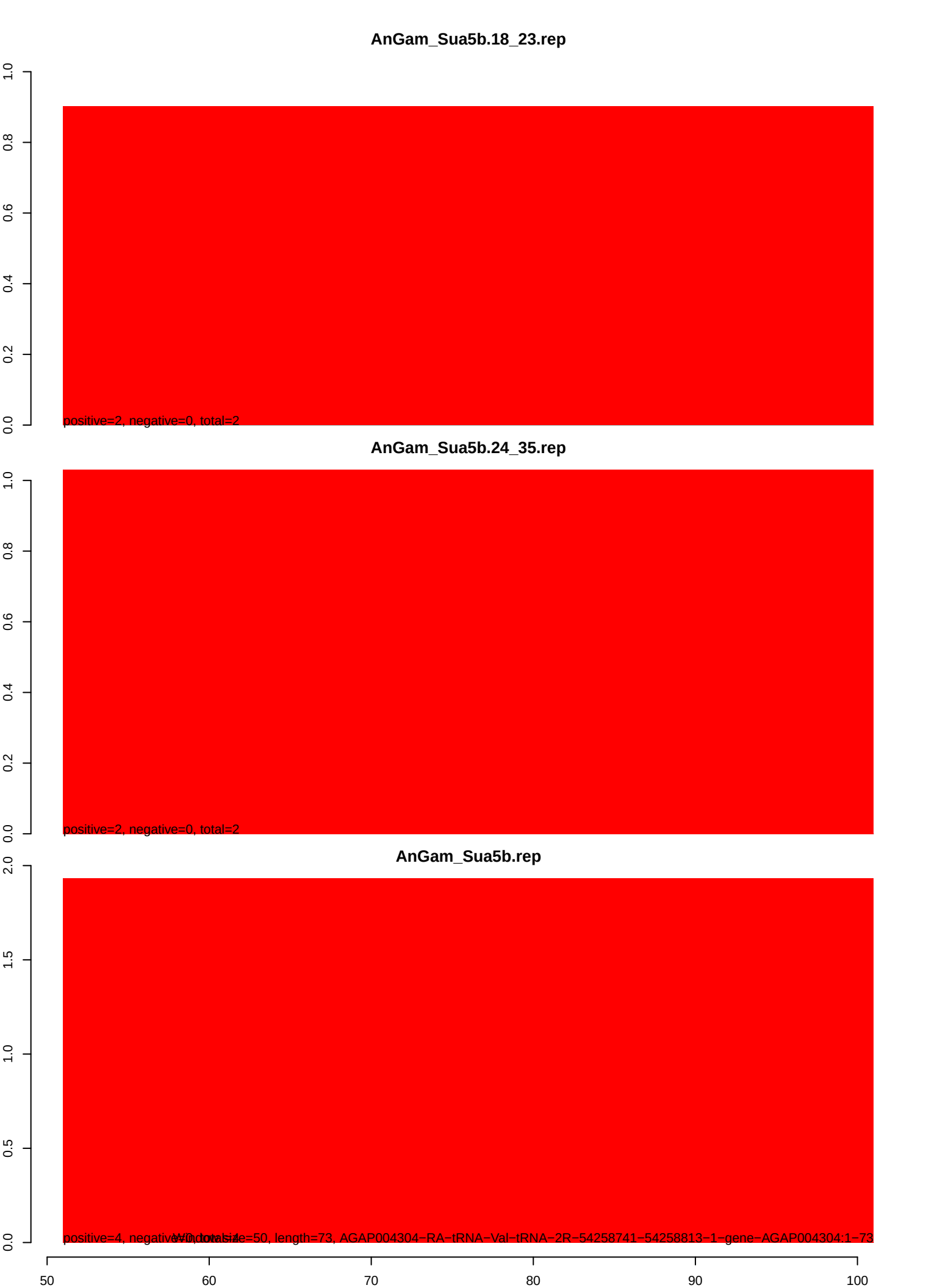
AnGam_Sua5b.18_23.rep
positive=58, negative=0, total=58
AnGam_Sua5b.24_35.rep
positive=156, negative=0, total=156
AnGam_Sua5b.rep
positive=214, negative=0, total=214, length=73, AGAP008793−RA−tRNA−Lys−tRNA−3R−17901902−17901974−1−gene−AGAP008793:1−73
0
20
40
60
80
100
50
60
70
80
90
100

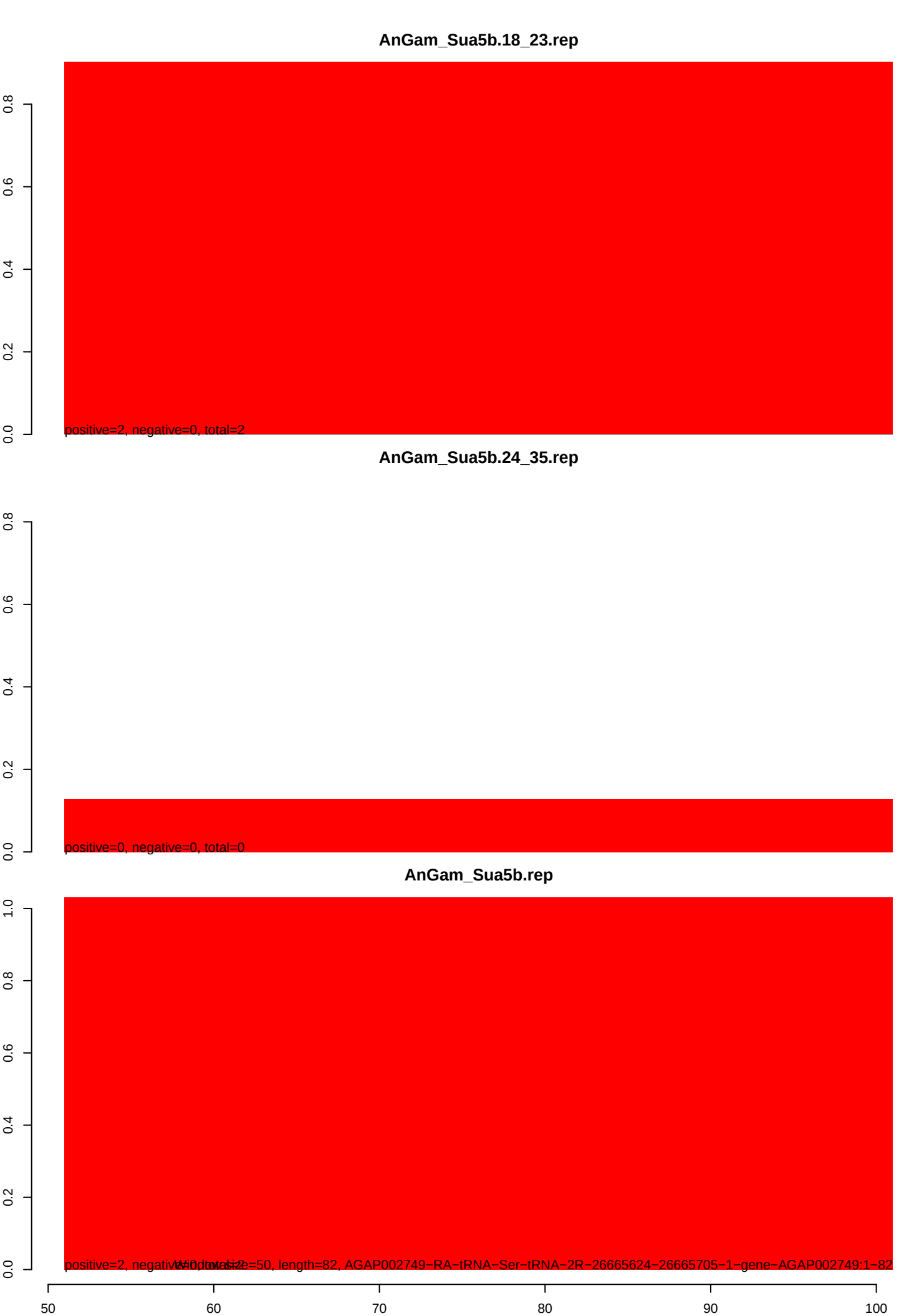
AnGam_Sua5b.18_23.rep
positive=14, negative=0, total=14
AnGam_Sua5b.24_35.rep
positive=40, negative=0, total=40
AnGam_Sua5b.rep
positive=53, negative=0, total=53, length=72, AGAP008594−RA−tRNA−His−tRNA−3R−13455363−13455434−1−gene−AGAP008594:1−72
0
5
10
15
20
25
50
60
70
80
90
100


AnGam_Sua5b.18_23.rep
positive=3, negative=0, total=3
AnGam_Sua5b.24_35.rep
positive=3, negative=0, total=3
AnGam_Sua5b.rep
positive=6, negative=0, total=6
Window size=50, length=74, AGAP008069−RA−tRNA−Thr−tRNA−3R−5039303−5039376−1−gene−AGAP008069:1−74
0.0
0.5
1.0
1.5
2.0
2.5
50
60
70
80
90
100

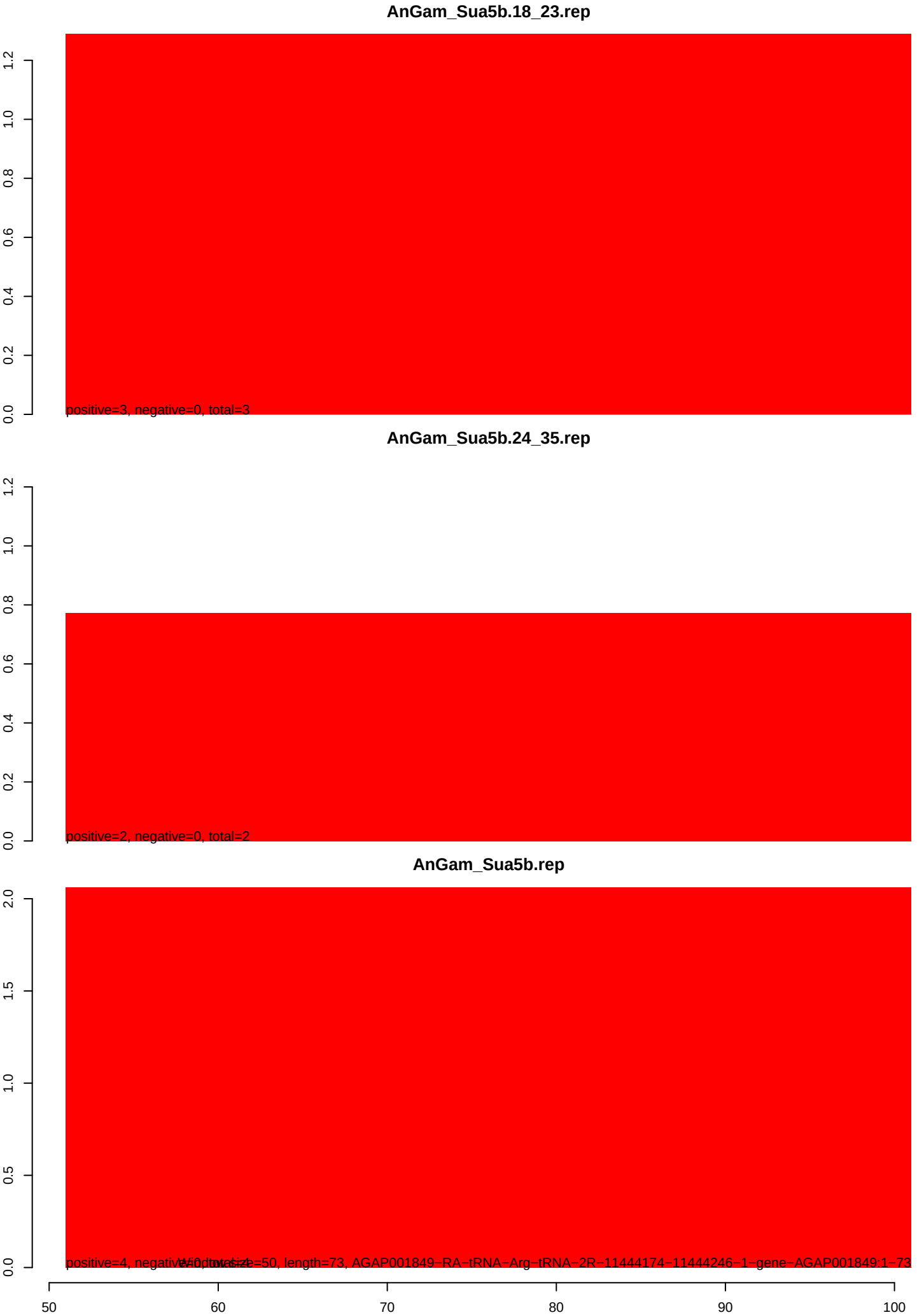

AnGam_Sua5b.18_23.rep
positive=660, negative=0, total=660
AnGam_Sua5b.24_35.rep
positive=556, negative=0, total=556
AnGam_Sua5b.rep
positive=1216, negative=0, total=1216
Window length=74, AGAP006189−RA−tRNA−Asn−tRNA−2L−28157534−28157607−1−gene−AGAP006189:1−74
0
50
100
150
200
250
300
400
500
600
50
60
70
80
90
100

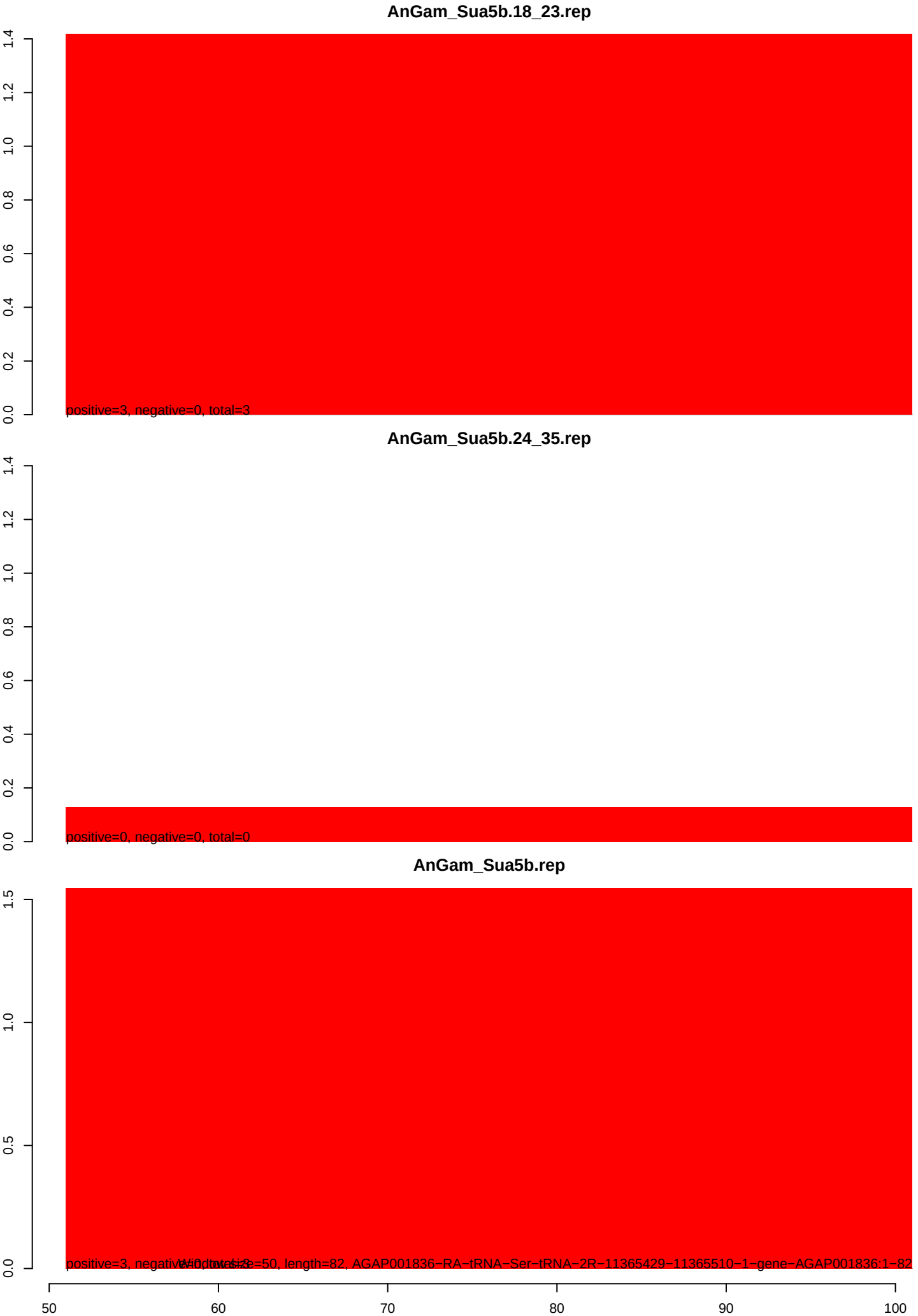

AnGam_Sua5b.18_23.rep
0
20
40
60
80
positive=110, negative=0, total=110
AnGam_Sua5b.24_35.rep
0
20
40
60
80
positive=158, negative=0, total=158
AnGam_Sua5b.rep
0
20
40
60
80
100
120
positive=268, negative=0, total=268, length=72, AGAP005900−RA−tRNA−Glu−tRNA−2L−23437040−23437111−1−gene−AGAP005900:1−72
50
60
70
80
90
100


AnGam_Sua5b.18_23.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=2, negative=0, total=2
AnGam_Sua5b.24_35.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=2, negative=0, total=2
AnGam_Sua5b.rep
2.0
1.5
1.0
0.5
0.0
positive=4, negative=0, total=4
50
60
70
80
90
100


AnGam_Sua5b.18_23.rep
0.0
0.2
0.4
0.6
0.8
positive=2, negative=0, total=2
AnGam_Sua5b.24_35.rep
0.0
0.2
0.4
0.6
0.8
positive=0, negative=0, total=0
AnGam_Sua5b.rep
0.0
0.2
0.4
0.6
0.8
1.0
positive=2, negative=0, total=2, length=82, AGAP002749−RA−tRNA−Ser−tRNA−2R−26665624−26665705−1−gene−AGAP002749:1−82
50
60
70
80
90
100

AnGam_Sua5b.18_23.rep
positive=21, negative=0, total=21
AnGam_Sua5b.24_35.rep
positive=1, negative=0, total=1
AnGam_Sua5b.rep
positive=22, negative=0, total=22, length=83, AGAP002700-RA-tRNA-Leu-tRNA-2R-25723627-25723709-1-gene-AGAP002700:1-83
0
2
4
6
8
10
50
60
70
80
90
100


AnGam_Sua5b.18_23.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
positive=3, negative=0, total=3
AnGam_Sua5b.24_35.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
positive=2, negative=0, total=2
AnGam_Sua5b.rep
0.0
0.5
1.0
1.5
2.0
positive=4, negative=0, total=4, window size=50, length=73, AGAP001849−RA−tRNA−Arg−tRNA−2R−11444174−11444246−1−gene−AGAP001849:1−73
50
60
70
80
90
100


AnGam_Sua5b.18_23.rep
positive=3, negative=0, total=3
AnGam_Sua5b.24_35.rep
positive=0, negative=0, total=0
AnGam_Sua5b.rep
positive=3, negative=0, total=3
window size=50, length=82, AGAP001836-RA-tRNA-Ser-tRNA-2R-11365429-11365510-1-gene-AGAP001836:1-82
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.5
0.5
50
60
70
80
90
100