ncservation_chrCnn_random_3238853 slicing GSBRNA2T00009903001 at
alignment score=6, category=0, p=0.0277486594399965

Graph showing reads distribution across GSBRNA2T00009903001 positions.

- Red line: Cleavage Site 50
- Black line: All Other Sites

Y-axis: Reads
X-axis: GSBRNA2T00009903001 position (nts)
unconservative_chrC08_2435096 slicing GSBRNA2T00004433001 at nt 21
alignment score=4.5, category=1, p=0.0273259120077302
aconservative_chrCnn_random_3238853 slicing GSBRNA2T00012841001 at
alignment score=5, category=2, p=0.0219365089750464
unconservative_chrC02_1179738 slicing GSBRNA2T00015974001 at nt 5' alignment score=6.5, category=1, p=0.012846336341889
unconservative_chrC03_1420919 slicing GSBRNA2T00016770001 at nt 37

alignment score=6, category=4, p=0.00761959414206
unconservative_chrC05_1799319 slicing GSBRNA2T00016770001 at nt 37
alignment score=5.5, category=4, p=0.00641064340111186
nconservative_chrCnn_random_3338913 slicing GSBRNA2T00016770001 at
alignment score=5.5, category=4, p=0.00641064340111186

Reads

0.0  0.5  1.0  1.5  2.0

GSBRNA2T00016770001 position (nts)
unconservative_chrA05_464962 slicing GSBRNA2T00022584001 at nt 21:
alignment score=6.5, category=1, p=0.0176210516306952
unconservative chrA06_547631 slicing GSBRNA2T00024561001 at nt 58

alignment score=4, category=1, p=0.0286724346614085
nconservative_chrCnn_random_3238853 slicing GSBRNA2T00024574001 at alignment score=7, category=1, p=0.0497456572986954
unconservative_chrA03_274816 slicing GSBRNA2T00032689001 at nt 17c
alignment score=5, category=0, p=0.0156667605580853
unconservative_chrA05_480212 slicing GSBRNA2T00032689001 at nt 17°
alignment score=5, category=0, p=0.0150667605580853

Graph showing reads distribution for GSBRNA2T00032689001 position (nts).
unconservative_chrA07_648408 slicing GSBRNA2T00032689001 at nt 17c
alignment score=5, category=0, p=0.0150667605580853
unconservative_chr07_677856 slicing GSBRNA2T00032689001 at nt 176
alignment score=5, category=0, p=0.0160667605580853
unconservative_chrC05_1900490 slicing GSBRNA2T00035153001 at nt 2ε

alignment score=6.5, category=1, p=0.0115619853308402
unconservative_chrA06_528202 slicing GSBRNA2T00044709001 at nt 56
alignment score=6, category=2, p=0.00188149405217319
unconservative_chrC07_2275757 slicing GSBRNA2T00044709001 at nt 5¢
alignment score=6, category=2, p=0.00188149405217319
nconservative_chrAnn_random_3107980 slicing GSBRNA2T00047238001 at
alignment score=7, category=0, p=0.0129854131158863

Reads

0 50 100 150

0 500 1000 1500 GSBRNA2T00047238001 position (nts)

- Cleavage Site 940
- All Other Sites
unconservative_chrA10_956355 slicing GSBRNA2T00049100001 at nt 11
alignment score=5.5, category=4, p=0.0274277758346682

GSBRNA2T00049100001 position (nts)
unconservative_chrC09_2533640 slicing GSBRNA2T00049100001 at nt 11

alignment score=5.5, category=4, p=0.0274277758346682
nconservative_chrAnn_random_3061750 slicing GSBRNA2T00049791001 at
alignment score=6.5, category=0, p=0.00584204054073001

Reads
0 2 4 6 8
0 200 400 600 800
GSBRNA2T00049791001 position (nts)

- Cleavage Site 73
- All Other Sites
unconservative chrC08_2379444 slicing GSBRNA2T00061116001 at nt 8
alignment score=6, category=1, p=0.016145636664134
unconservative_chrA03_274816 slicing GSBRNA2T00063083001 at nt 61:
alignment score=7, category=0, p=0.025582642368013
unconservative chrA05_480212 slicing GSRNA2T00063083001 at nt 61
alignment score=7, category=0, p=0.025582642368013
unconservative_chrA07_677856 slicing GSBRNA2T00063083001 at nt 61
alignment score=7, category=0, p=0.025582642368013
unconservative_chrA03_274816 slicing GSBRNA2T00070350001 at nt 4¢

alignment score=6, category=4, p=0.0459711096567242
unconservative_chrA05_480212 slicing GSBRNA2T00070350001 at nt 4¢

alignment score=6, category=4, p=0.0459711096567242
unconservative_chrA07_648408 slicing GSBRNA2T00070350001 at nt 4c

alignment score=6, category=4, p=0.0459711096567242

GSBRNA2T00070350001 position (nts)
unconservative_chrA07_677856 slicing GSBRNA2T00070350001 at nt 4¢
alignment score=6, category=4, p=0.0459711096567242

![Graph showing reads distribution for GSBRNA2T00070350001 position (nts)](image-url)

- Red line: Cleavage Site 4¢
- Black line: All Other Sites

GSBRNA2T00070350001 position (nts)
unconservative_chrC05_1900490 slicing GSBRNA2T00071654001 at nt 8
alignment score=65, category=1, p=0.0115619853308402
nconservative_chrCnn_random_3473360 slicing GSBRNA2T00071328001 at
alignment score=5.5, category=4, p=0.015785743441008

Reads

0 20 40 60 80 100 120

0 200 400 600 800 1000

GSBRNA2T00071328001 position (nts)

- Cleavage Site 376
- All Other Sites
unconservative_chrC01_975061 slicing GSBRNA2T00074284001 at nt 16
alignment score=7, category=0, p=0.0001690000295167754
nconservative_chrCnn_random_3249217 slicing GSBRNA2T00077207001 at
alignment score=4.5, category=4, p=0.00130278843430388
unconservative_chrC04_1583187 slicing GSBRNA2T00079541001 at nt 77

alignment score=5.5, category=0, p=0.0287614668835552
unconservative_chrc05_1900490 slicing GSBRNA2T00080762001 at nt 8
alignment score=6.5, category=4, p=0.00873941520404209
unconservative_chrC09_2629961 slicing GSBRNA2T000836668001 at nt 27

alignment score=6.5, category=2, p=0.0042596388066134
nconservative_chrAnn_random_3104496 slicing GSRNA2T00085933001 at alignment score=7, category=1, p=0.00587027158071429
unconservative_chrC02_1164903 slicing GSRNA2T00085933001 at nt 3¢

alignment score=7, category=1, p=0.00587027158071429

Graph showing reads distribution over GSRNA2T00085933001 position (nts) with highlighted cleavage site at position 307.
unconservative_chrC02_1238925 slicing GSBRNA2T00085933001 at nt 3\text{c}

alignment score=7, category=1, p=0.00587027158071429
unconservative_chrC05_1792327 slicing GSRNA2T00085933001 at nt 3\text{c}

alignment score=7, category=1, p=0.00587027158071429

- Cleavage Site 307
- All Other Sites

Reads

0 1 2 3 4

GSBRNA2T00085933001 position (nts)
nconservative_chrC03_random_2851464 slicing GSBRNA2T00085933001 at
alignment score=7, category=1, p=0.00587027158071429
unconservative_chrC05_1827956 slicing GSBRNA2T00085933001 at nt 3c
alignment score=7, category=1, p=0.00587027158071429
unconservative_chrC06_1984130 slicing GSBRNA2T00085933001 at nt 3c
alignment score=7, category=1, p=0.00587027158071429
unconservative_chrC08_2426362 slicing GSBRNA2T00085933001 at nt 3'c
alignment score=7, category=1, p=0.00587027158071429

Graph showing reads distribution with two lines:
- Red line: Cleavage Site 307
- Black line: All Other Sites
unconservative_chrC09_2597152 slicing GSBRNA2T00085933001 at nt 33

alignment score=7, category=1, p=0.00587027158071429

Reads

GSBRNA2T00085933001 position (nts)
nonservative_chrCnn_random_3208488 slicing GSBRNA2T00085933001 at
alignment score=7, category=1, p=0.00587027158071429

Reads

0 1 2 3 4

GSBRNA2T00085933001 position (nts)

- Cleavage Site 307
- All Other Sites
nonsconservative_chrCnn_random_3319893 slicing GSBRNA2T00085933001 at
alignment score=7, category=1, p=0.00587027158071429

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Graph showing reads distribution for GSBRNA2T00085933001 position (nts) with a clear peak at a specific position.
aconservative_chrCnn_random_3334747 slicing GSBRNA2T00085933001 at
alignment score=7, category=1, p=0.00587027158071429
aconservative chr/Cnn_random_3384748 slicing GSBRNA2T00085933001 at
alignment score=7, category=1, p=0.00587027158071429

- Cleavage Site 307
- All Other Sites

Reads

0

1

2

3

4

GSBRNA2T00085933001 position (nts)

0 200 400 600 800
unconservative_chrA03_204968 slicing GSBRNA2T00095461001 at nt 31:
alignment score=5.5, category=0, p=0.0475641625072505
unconservative_chrC03_1303408 slicing GSBRNA2T00095461001 at nt 31

alignment score=5.5, category=0, p=0.0476178195092687
unconservative_chrA03_274816 slicing GSBRNA2T00097782001 at nt 25
alignment score=4, category=0, p=0.00570200802339271

Reads

0 5 10 15

0 200 400 600 800 1000
GSBRNA2T00097782001 position (nts)

- Cleavage Site 256
- All Other Sites
unconservative_chrA05_480212 slicing GSBRNA2T00097782001 at nt 25
alignment score=4, category=0, p=0.00570200802339271
nonservative_chrCnn_random_3238853 slicing GSBRNA2T001011180001 at
alignment score=7, category=1, p=0.0497456572986954

Reads

GSBRNA2T001011180001 position (nts)
unconservative_chrA06_539714 slicing GSBRNA2T00102521001 at nt 22
alignment score=6.5, category=4, p=0.0012159870006801

Reads

0.0

0.5

1.0

1.5

2.0

0 200 400 600 800 1000 1200

GSBRNA2T00102521001 position (nts)
unconservative_chrC02_1164903 slicing GSBRNA2T00104433001 at nt 12

alignment score=6.5, category=4, p=0.00511451810183794

 Reads

 GSBRNA2T001044433001 position (nts)
unconservative_chrC01_979632 slicing GSBRNA2T001044433001 at nt 12ε

alignment score=6.5, category=4, p=0.00511451810183794
unconservative_chrC02_1238925 slicing GSBRNA2T00104433001 at nt 12
alignment score=8.5, category=4, p=0.0051451810183794
alignment score=6.5, category=4, p=0.0051451810183794
unconservative_chrC08_2330634 slicing GSBRNA2T00104433001 at nt 12
alignment score=6.5, category=4, p=0.0111486728377372
unconservative_chrC08_2426362 slicing GSBRNA2T00104433001 at nt 12
alignment score=6.5, category=4, p=0.0051451810183794
unconservative_chrC09_2597152 slicing GSBRNA2T00104433001 at nt 12
alignment score=6.5, category=4, p=0.0051451810183794
unconservative_chrC09_2666373 slicing GSBRNA2T00104433001 at nt 12

alignment score=6.5, category=4, p=0.0051451810183794

Graph showing reads distribution with a peak at a specific position.
alignment score=6.5, category=4, p=0.00511451810183794
alignment score=6.5, category=4, p=0.0051451810183794
alignment score=6.5, category=4, p=0.005145181013794
conservative_chrCnn_random_3384748 slicing GSBRNA2T001044433001 at t
alignment score=6.5, category=4, p=0.0051451810183794

- Cleavage Site 1266
- All Other Sites
unconservative_chrA03_204968 slicing GSBRNA2T00106018001 at nt 42

alignment score=5, category=1, p=0.0351543959671605
unconservative_chrC03_1303408 slicing GSBRNA2T00106018001 at nt 42
alignment score=5, category=1, p=0.0354328163475444

Weeks

GSBRNA2T00106018001 position (nts)
unconservative_chrA05_480212 slicing GSBRNA2T00108889001 at nt 21

alignment score=4, category=0, p=0.00570200802339271
unconservative_chrA03_274816 slicing GSBRNA2T00108889001 at nt 21
alignment score=4, category=0, p=0.00570200802339271
unconservative_chrA07_648408 slicing GSBRNA2T00108889001 at nt 21

alignment score=4, category=0, p=0.00570200802339271
bna-miR394a slicing GSBRNA2T00110103001 at nt 307

alignment score=7, category=4, p=0.0245496599635258
alignment score=6, category=1, p=0.9999323313663767

 GSBRNA2T00110162001 position (nts)
aconservative_chrAnn_random_3000993 slicing GSBRNA2T00111014001 at
alignment score=6, category=0, p=0.0296365575902489

Reads

GSBRNA2T00111014001 position (nts)
bna-miR169n slicing GSBRNA2T00110653001 at nt 82

alignment score=7, category=4, p=0.00575279196120932
anconservative_chrAnn_random_3000995 slicing GSBRNA2T00111014001 at
alignment score=6, category=0, p=0.0296365575902489

Reads

0  5  10  15  20  25

GSBRNA2T00111014001 position (nts)

Cleavage Site 736
All Other Sites
nonservative_chrAnn_random_3000993 slicing GSBRNA2T00114316001 at
alignment score=7, category=0, p=0.0260765893445914
unconservative_chrC07_2202684 slicing GSRNA2T00121922001 at nt 2
alignment score=6, category=1, p=0.00380235636505533
unconservative_chrA05_480212 slicing GSBRNA2T00122827001 at nt 70
alignment score=6.5, category=3, p=0.0117949964792858
unconservative_chrA07_648408 slicing GSBRNA2T00122827001 at nt 70

alignment score=5.5, category=3, p=0.0117949964792858
unconservative_chrA07_677856 slicing GSBRNA2T00122827001 at nt 70:
alignment score=6.5, category=3, p=0.0117949964792858
unconservative_chrC08_2324612 slicing GSBRNA2T00124695001 at nt 3' 
alignment score=6, category=1, p=0.0106787290560685
unconservative_chrA07_648408 slicing GSBRNA2T00136074001 at nt 137
alignment score=6, category=2, p=0.0443121556667767
unconservative_chrA05_480212 slicing GSBRNA2T00136074001 at nt 137
alignment score=6, category=2, p=0.044312155667767
unconservative_chrA07_677856 slicing GSBRNA2T00136074001 at nt 137

alignment score=6, category=2, p=0.0443121556667767
unconservative_chrC05_1843559 slicing GSBRNA2T00139673001 at nt 5¢
alignment score=7, category=0, p=0.00849891443849338
unconservative_chrC08_2379444 slicing GSBRNA2T00140338001 at nt 37
alignment score=7, category=0, p=0.00799605255209745
aconservative_chrCnn_random_3264385 slicing GSBRNA2T00141442001 at
alignment score=5.5, category=3, p=0.0210494250285007
nconservative_chrCnn_random_3238853 slicing GSBRNA2T00141255001 at
alignment score=7, category=1, p=0.04974565726986954
unconservative_chrC02_1179738 slicing GSBRNA2T00143041001 at nt 1:
alignment score=5.5, category=1, p=0.00850636210463707
unconservative_chrC08_2379444 slicing GSBRNA2T00150699001 at nt 8
alignment score=6, category=1, p=0.016145636664134
unconservative_chrC01_1082945 slicing GSBRNA2T00151874001 at nt 14

alignment score=5.5, category=1, p=0.0152365878124017
unconservative_chrC07_2173958 slicing GSBRNA2T00151874001 at nt 14
alignment score=5.5, category=1, p=0.0152365878124017

GSBRNA2T00151874001 position (nts)
unconservative_chrA06_528626 slicing GSBRNA2T00158294001 at nt 20
alignment score=7, category=2, p=0.00121292430700761
aconservative_chrCnn_random_3359647 slicing GSBRNA2T00158294001 at
alignment score=7, category=2, p=0.00121292430700761

Reads

0 5 10 15 20 25

GSBRNA2T00158294001 position (nts)

- Cleavage Site
- All Other Sites