Figure 4 - figure supplement 4

***QmRLFS-finder.***

|  |  |
| --- | --- |
| Number of R-loop forming regions | 78 |
| Number of genes with an R-loop regions within 500 bp  mRNA transcripts  CUTs  SUTs  XUTs | 34  24  4  3  3 |
| Number of genes containing R-loop and a MEL within 500bp | 21 |
| Expected number from a randomised subset of genes | 18.4 |

***SkewR package.***

|  |  |
| --- | --- |
| Number of genes containing R-loops  mRNA transcripts  CUTs  ncRNA  rRNA  SUTs  XUTs | 59 30  4  2  1  8  14 |
| Number of genes containing R-loop with a MEL in the promoter | 22 |
| Expected number from a randomised subset of genes | 13.6 |

|  |  |
| --- | --- |
| Number of GC skewed regions in genome | 124 |
| Number of GC skewed regions with a MEL within 200bp | 36 |
| Expected number from randomised fragments | 18.6 |

|  |  |
| --- | --- |
| Average number of AID\* mutations in promoters | 2.1 |
| Average number of AID\* mutations in R-loop gene promoters | 2.0 |
| Average number of sA3G\* mutations in promoters | 1.1 |
| Average number of sA3G\* mutations in R-loop gene promoters | 1.4 |