

Sequence ID #5: LINE-1 (1 of 2)  
 Prediction: Hypomethylated  
 Region: chrX:17,366,059-17,366,763

C	# : Methylated CpG	C	# : Unmethylated CpG
*		T	
C		C	
!	! : Unconverted CpH (CpA, CpC, CpT)	:	: : Converted CpH (CpA, CpC, CpT)
C		T	

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Genome      301  GGGAGTGACCCAATTTTCCAGGTGCCGTCCATCACCCCTTCTTTGACTAGGAAAGGGAA
                                | | | | | |
Bisulfite   1    -----GTAAGGGAC

Genome      361  CTCCCTGACCCCTTGCGCTTCCCGAGTGAGGCAATGCCTCGCCCTGCTTCGGCTCGCGCA
:|:::| | ::::| #|:|:| #| | | | | | | : | | | | : : | : : | : | #| : #| #| : |
Bisulfite   10   TTTTTTGMTTTTTYS|GTTTTY|TGAGTGAGGTAATGTTTCYGTTTTGTTC|GGTC|GTGTA

Genome      421  CGGTGCGTGCACCCACTGACCTGCGCCACTGTCTGGCACTCCCTAGTGAGATGAACCTG
*| | | *| | | : : : | : | : | : | *| : : : | : | : | : | : : : | | | | | | | | : : |
Bisulfite   70   CGGTGCGTGTATTTATTGATTGCGTTTATTGTTTGGTATTTTTTAGTGAGATGAATTTG

Genome      481  GTA-CCTTAGATGGAAATGCAGAAATCACCGGTCTTCTGCGTCCGCTCAGCTGGGAGCTA
| | | : : | | | | | | | | | : | | | | | : | ! * | | : | | * ! ! # ! |
Bisulfite   130  GTATTTTATAGATGGAAATGTAGAAATTA|CCGGYTTT-----TCCSCCTCCT-----
  
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Sequence ID #7: LINE-1 (2 of 2)  
 Prediction: Hypermethylated  
 Region: chr6:123,793,104-123,793,890

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Genome      301  CCTCAGTCGGGAAGTGCAAGGGGTCAGGGAGTTCCCTTCCGAGTCAAAGAAAGGGGTGA
                                | | | : | | | | | | | | : : : | : | | | : | | | | | | | | | |
Bisulfite   1    -----AGGKTTAGGGAGTTTTTTTTTYYGAGTTAAAGAAA-GGGCGA

Genome      361  CCGACAGCACCTGGAAAATCGGGTCACTCCACCCGAATACTGCGCTTTTTCGACAGGCT
*| | | : : | : : | | | | | | * | | | : : : | : : * | | | : | | * | | | : | | |
Bisulfite   41   CCGATM-TATTTGGAAAATCAGGTTATTTTATTCGAATATTGCGTTTTTTCGATAGG-T

Genome      421  TAAAAAACGGCGCACCACAAGATTATATCCACACCTGGCTCGGAGGGTCTACGCCAC
| | | | | | * | * | : : : | : | | | | | | | : : : | : | | | : | * | | | | | : : | * | : : *
Bisulfite   99   TAAAAAACGGCGTATTATAAGATTATATTTTATA-TTGGTTCCGAGGGTTTACG-TTAC

Genome      481  GGAATCTCGCTGATTGCTAGCACAGCAGTCTGAGATCAAAGTAAAGCGGCAGC-AAGG
| | | | : | * | : | | | | | : | : | : | : | : | | | | | : | : | | | | * | : | : | |
Bisulfite   157  GGAATTTCGTTGATTGTTAGTATAGTAGTTTGGAGATTAATGTAAGCGGTAGTAAASG

Genome      540  CTGGGGGAGGGGCGCCCGCATTGCCAGGCTTTCTTAGGAAAACAAAGCAGCCGGGAAG
: | | | | | | | | * !
Bisulfite   217  TTGGGGAMGGGKCC-----
  
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Sequence ID #8: LTR (1 of 2)  
 Prediction: Hypomethylated  
 Region: chr11:5,829,621-5,830,339

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Genome      181  CTATCCTTCACTGGAATCGTAACTGAGGCT--CAATTCGCCTATCCTTTAGCCACCT-
                                | : | ! | : | | : | |
Bisulfite   1    -----GTTGGCA-----TCCMATCTA

Genome      238  --GCTGGAGGCTCTTTGATCCTTTTCGCTTTGTCCACTCTGGCCGCTTCCCTCGTGGGAA
: | | | | | : | | | | : | : : | | # | : | | | | : : : | : | : | : | : | : | : | : |
Bisulfite   17   TWRTTGGAGGTTYTTTGTATTTTTTTGTTTTGTTTATTTTGGTGTTTTTTTTGTGGGAA

Genome      296  TATTTAGGTTTCTTCTTAGCCTTGATGGCGGGTACAGCATAAACCCCTGAT-GGGACCCC
| | | | : | | | | : : | : | | | | | | | | | : | : | : | : | : | : | : | : | : |
Bisulfite   77   TATTTAGGTTTTTTTTTAGTTTTGATGGYGGGTTAGTATAAATTTTTGATKGGGATC---
  
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Sequence ID #9: LTR (2 of 2)  
 Prediction: Hypomethylated  
 Region: chr1:89,663,480-89,664,077

C	C
* : Methylated CpG	# : Unmethylated CpG
C	T
C	C
! : Unconverted CpH (CpA, CpC, CpT)	: : Converted CpH (CpA, CpC, CpT)
C	T

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          GTTACAGGAAAGTAAACAGTACTAGGTGCAGGGGCTTTAATTCATCA-CAAGGTGATAG
                    |||!|          ||  |:| :|  ||| ||| |||
Bisulfite  129  -----TACTA-----TTWMWTTTAWTAWWAAGGTGATAG

Genome      352  AAGCGGGGCTTTGGGCTTTATCAACCAGACACAAA CCGGGGGGCTCTGGGTGCTGTAA
||| ||| |:| ||| |:| ||| |:| ||| |:| ||| #:| ||| |:| ||| |:| |||
Bisulfite   158  AAGWGGGGTTTGGGTTTTATTAATTAGATATAAA TG-GGGGGTGGGTGTTGCTAA

Genome      412  CCGGGCGAAT-TCTGGGAAGTGGGGTATGGCTTGCCACAGTACCTTATCAGTTAATTG
:#||| ||| |!!|
Bisulfite   217  TTGGGYGAACTCCCG-----
  
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Sequence ID #11: LTR26C  
 Prediction: Hypomethylated  
 Region: chr19:11,848,508-11,850,380

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Genome      661  ACCAGCGACCCACACTCCAGCCGTCCTGTCCACACCTCTAAACACCCCATCCCCAAC
          ! !: |:| ! ! !*  !|  !|          :::| :::| ||:
Bisulfite   1   -----CYCTATAC-CCCCCGCYCC-----TTTTTTTTTTTAAAT

Genome      721  CTCTCAGGGAGGCGGATCTGGGGTGTCTCCCTCTCCCCATTAACCTGTTTCTGTGTC
:|:|:| | | || :| ||| | :| ::::| :| ::::| | |||:| |||:| |:|
Bisulfite   34  TTTTTTKKRRGKGGGGTGGGGGKTTTTTTTTTTTTTATCAAATTGTTTTGTGT

Genome      781  AGCCTTCGGCGTCTCGGTGCAGTACTCGGGCCGTGAACCTGTGC CGGTTACAACCTGCAC
:|:#|:#|:|#| |:| |:| |:| #:| |:| #:| |:| #:| |:| #:| |:| #:|
Bisulfite   94  AGTTTTTGGTGTGTTGGTGTAGTGTATTGGGTGTGTAATTTGTGTGGTTATAATTGTAT

Genome      841  AATCTGGGAGACCGGGAGCTCGGGCGGGAGCTGCCAGAGAGGGCGCCGGGGCCGGG
|||:| ||| ||| #:| #:| |:| #:| #:| #:| |:| :::| ||| ||| #:| #:| |:| #:|
Bisulfite   154  AATTTGGGAGATGTGGAGTTGTGGGTGTGGAGTTGTTAGAGAGGGTGTGGGGTGGG

Genome      901  GCCGCAGCGGCCGAGCAGGGACGGGACAGGACGCCCGGGGTCCCGGCTGCCGCCCCAGCC
|:#|:| #:| #:| |:| #:| #:| #:| #:| #:| #:| #:| #:| #:| #:| #:| #:|
Bisulfite   214  GTGTAGTGGTTGAGTAGGATGGGATAGGATGTTGGGGTTTTGGTTGTTGTTTTAG-T

Genome      961  CCATCTGCGGCCA-GGGGACCAAGGGCAGAGCTGCCAGGGGCACTGGGATTTGCAG
:|:|:| | | :::| | | !!| | !  *
Bisulfite   273  TTATTTYGYSGTTACGCCGMC AAMCS-----YYMC-----
  
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Sequence ID #15: MIR2  
 Prediction: Hypermethylated  
 Region: chr19:47,905,568-47,906,031

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Genome      1   TCTCTCTCTGGGGGTGGAGGGGACAGAGATCTGAAAACCTGAGAACCCCAAGGGACTCA
          ||| | | !| |  ||| ||| |:| ||| |:| ||| |:| ||| |:|
Bisulfite   1   -----CCTGGACGAGACCG-----TGGAAAATTGAGAATTTTAAGGGATTTA

Genome      61  CACTGGTTTCTGAGCCTCAGTTTTCTAGTTACAAAGGACAGCCTCTGCCTGTGATGGGC
:|:| ||| |:| ||| :::| |:| ||| |:| ||| |:| ||| |:| ||| |:| ||| |:|
Bisulfite   43  TATTGGTTTTGAGTTTTAGTTTTTATGTTATAAAGGATAGTTTTGTTGTGATGGGG

Genome      121  GCTGACACA C GTGGCACAGTTCCCCATGTGTCCCTCGAAATACCTCCACCATCAGCACAA
|:| |:| |:| *| |:| |:| |:| :::| |:| |:| :::| *| |:| |:| |:| |:| |:|
Bisulfite   103  GTTGATATA CGTGGTATAGTTTTTTATGTGTTTTTCGAAATATTTTATTATTAGTATAA

Genome      181  TCATCCTACGAGACAGGCA CGGC CGCTCTCCCATTTCTCCAGATGTGGAACCGGGGCC
|:| |:| :| *| |:| |:| *| |:| *| |:| |:| :::| |:| |:| |:| |:| |:| *|
Bisulfite   163  TTATTTTACGAGATAGGTA CGGT CGTTTTTTTTTATTTTTTAGATGTGGAATCGGGGTTT

Genome      241  AGCCAGGTGAAGT CGTAA-CCCGAGGTGCCA-TAGCTGTTGCGTTCCAGAGGC GAGA-TT
||:| |:| ||| ||| *| ||| ::*| ||| |:| |:| |:| ||| *| |:| ||| *| |||
Bisulfite   223  AGTTAGGTGAAGT CGTAATTCGAGGTGTTATTAGTTGTTGCGTTTTAGAGGC GAGATTT

Genome      298  CAAACCC--ACGTC CGTCCGGAAGCCTTGGAAGTGAGGGTGTGCTGCCTAACCTGCTCA
:| | | :| | | | :| *
Bisulfite   283  TAAAWTTWAWYSTTC-----
  
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