

>novel_002 ENST00000442249|MLH1 154.00 -14.19 2 17 122 142 15 80.00% 86.67%
Query: 3' cgaatcACAAGAGGTAATGTTc 5'
|||| |:||||||
Ref: 5' ggctcaTGTT-ACTATTACAAC 3'

Energy: -14.190000 kCal/Mol

>novel_002 ENST00000457004|MLH1 154.00 -14.19 2 17 109 129 15 80.00% 86.67%
Query: 3' cgaatcACAAGAGGTAATGTTc 5'
|||| |:||||||
Ref: 5' ggctcaTGTT-ACTATTACAAC 3'

Energy: -14.190000 kCal/Mol

>novel_002 ENST00000454028|MLH1 154.00 -14.19 2 17 203 223 15 80.00% 86.67%
Query: 3' cgaatcACAAGAGGTAATGTTc 5'
|||| |:||||||
Ref: 5' ggctcaTGTT-ACTATTACAAC 3'

Energy: -14.190000 kCal/Mol

>novel_002 ENST00000337020|LHX9 149.00 -11.17 2 19 836 858 18 72.22% 72.22%
Query: 3' cgaaTCACAAGAG-GTAATGTTc 5'
|||| || || |||||
Ref: 5' acaaAGTGAACCCAAATTACAAC 3'

Energy: -11.170000 kCal/Mol

>novel_002 ENST00000367390|LHX9 149.00 -11.17 2 19 3552 3574 18 72.22% 72.22%
Query: 3' cgaaTCACAAGAG-GTAATGTTc 5'
|||| || || |||||
Ref: 5' acaaAGTGAACCCAAATTACAAC 3'

Energy: -11.170000 kCal/Mol

>novel_002 ENST00000367390|LHX9 144.00 -6.45 2 21 3747 3768 19 57.89% 68.42%
Query: 3' cgAATCACAAGAGGTAATGTTc 5'
||| | :|||
Ref: 5' aaTTACATATGATTATTACAAa 3'

Energy: -6.450000 kCal/Mol

>novel_002 ENST00000379881|SOHLH2 141.00 -9.93 2 10 388 409 8 87.50% 100.00%
Query: 3' cgaatcacaaagagGTAATGTTc 5'
:|||||
Ref: 5' cactgagtacagaTATTACAAC 3'

Energy: -9.930000 kCal/Mol

>novel_003 ENST00000396447|MLH1 154.00 -14.04 2 16 457 477 15 80.00% 86.67%
Query: 3' aacggTACAGA-TTCTTCTTt 5'
:| ||| |||||
Ref: 5' gttgaGTTTCTGAAGAAGAAg 3'

Energy: -14.040000 kCal/Mol

>novel_003 ENST00000456531|SYCP2 153.00 -14.71 2 18 1150 1169 16 75.00% 75.00%
Query: 3' aacGGTACAGATTCTTCTTt 5'
||| | |||||
Ref: 5' ataCCACCAGAGAAGAAg 3'

Energy: -14.710000 kCal/Mol

>novel_003 ENST00000294638|LHX8 160.00 -16.12 2 18 191 212 18 72.22% 88.89%
Query: 3' aacGGTACAGA--TTCTTCTTt 5'
::|||:| |||||
Ref: 5' aacTTATGTTACAAGAAGAAa 3'

Energy: -16.120001 kCal/Mol

>novel_003 ENST00000356261|LHX8 160.00 -16.12 2 18 191 212 18 72.22% 88.89%
Query: 3' aacGGTACAGA--TTCTTCTTt 5'
::|||:| |||||
Ref: 5' aacTTATGTTACAAGAAGAAa 3'

Energy: -16.120001 kCal/Mol

>novel_003 ENST00000367390|LHX9 147.00 -12.66 2 17 1540 1560 16 75.00% 75.00%
Query: 3' aacgGT-ACAGATTCTTCTTt 5'
|| ||| |||||
Ref: 5' ttaaCACTGTAACAGAAGAAa 3'

Energy: -12.660000 kCal/Mol

>novel_004 ENST00000238662|MLH3 159.00 -18.37 2 20 445 466 18 72.22% 77.78%
Query: 3' accAGTAGTTGATAAAAGGGAA 5'
|:|| || |||||
Ref: 5' cacTGGTCCCTCTTTCCCTt 3'

Energy: -18.370001 kCal/Mol

>novel_004 ENST00000355774|MLH3 159.00 -18.37 2 20 445 466 18 72.22% 77.78%
Query: 3' accAGTAGTTGATAAAAGGGAA 5'
|:|| || |||||
Ref: 5' cacTGGTCCCTCTTTCCCTt 3'

Energy: -18.370001 kCal/Mol

>novel_004 ENST00000380968|MLH3 159.00 -18.37 2 20 445 466 18 72.22% 77.78%
Query: 3' accAGTAGTTGATAAAAGGGAA 5'
|:|| || |||||
Ref: 5' cacTGGTCCCTCTTTCCCTt 3'

Energy: -18.370001 kCal/Mol

>novel_004 ENST00000367390|LHX9 154.00 -14.91 2 21 4282 4302 19 68.42% 78.95%
Query: 3' acCAGTAGTTGATAAAAGGGAA 5'
||| |: || |||||
Ref: 5' caGTC-TTGCTTCTTCCCTg 3'

Energy: -14.910000 kCal/Mol

>novel_004 ENST00000367390|LHX9 146.00 -13.67 2 12 6061 6083 11 90.91% 90.91%
Query: 3' accagtagttgAT-AAAAGGGAA 5'
|| |||||
Ref: 5' gcatttctgtgTACTTTTCCCTc 3'

Energy: -13.670000 kCal/Mol

>novel_004 ENST00000317764|SOHLH2 147.00 -10.64 2 16 943 964 14 71.43% 78.57%
Query: 3' accagtaGTTGATAAAAGGGAA 5'
| |: || |||||
Ref: 5' tctctccCCATGAATTCCCTg 3'

Energy: -10.640000 kCal/Mol

>novel_007 ENST00000238662|MLH3 152.00 -23.07 2 19 1682 1707 22 68.18% 77.27%
Query: 3' ttaCCAGGACG----AC-TTAGGGTt 5'
|||::||| || |||||
Ref: 5' gaaGGTTTTGCTATATGTAATCCCAa 3'

Energy: -23.070000 kCal/Mol

>novel_007 ENST00000355774|MLH3 152.00 -23.07 2 19 1682 1707 22 68.18% 77.27%
Query: 3' ttaCCAGGACG----AC-TTAGGGTt 5'
|||::||| || |||||
Ref: 5' gaaGGTTTTGCTATATGTAATCCCAa 3'

Energy: -23.070000 kCal/Mol

>novel_007 ENST00000380968|MLH3 152.00 -23.07 2 19 1682 1707 22 68.18% 77.27%
Query: 3' ttaCCAGGACG----AC-TTAGGGTt 5'
|||::||| || |||||
Ref: 5' gaaGGTTTTGCTATATGTAATCCCAa 3'

Energy: -23.070000 kCal/Mol

>novel_007 ENST00000293695|SYCE2 148.00 -14.95 2 17 413 433 15 73.33% 73.33%
Query: 3' ttaccAGGACGACTTAGGGTt 5'
||| |||||
Ref: 5' gcctcTCCCAGAGAATCCCAc 3'

Energy: -14.950000 kCal/Mol

>novel_007 ENST00000367390|LHX9 148.00 -13.14 2 17 4925 4945 15 66.67% 80.00%
Query: 3' ttaccAGGACGACTTAGGGTt 5'
|:: || |||||
Ref: 5' ctttaTTAGCAAAATCCCAg 3'

Energy: -13.140000 kCal/Mol

>novel_015 ENST00000367388|LHX9 149.00 -18.76 2 20 172 191 18 72.22% 72.22%
Query: 3' agAGGACAGGACCCAGGGAGt 5'
||| | || |||||
Ref: 5' caTCCCG-ACTCAGTCCCTct 3'

Energy: -18.760000 kCal/Mol