

miR-1255b MREs

BRCA1 MRE1

Homo sapiens AAGAT--GAAGT--TTCTATCA-----TCCA-----
 Pan troglodytes AAGAT--GAAGT--TTCTATCA-----TCCA-----
 Mus musculus AGGAG--GAAGTC--TTCTATCAGGTGTGCTCTTCCA-----
 Caenorhabditis elegans GAGATGAGAAGTGGGTGCTCTATG--TTAACCATTCCATTCCA
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BRCA1 MRE2

Homo sapiens ACCT--ACATCAG-----GCCT-----TCATCCT
 Pan troglodytes AGCT--ACATCAG-----GCCT-----TCATCCT
 Mus musculus ACCT--TCATCAGGTGCTCA--CAACAGCCTGTAGTTTCAGGGAATCTGACACCCT
 Caenorhabditis elegans ACCAAATCGCCGAGTGCTTCATGAACCTCAGACTTGTGCTTT-----CCAACT
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BRCA1 MRE3

Homo sapiens CCAGGAGTG-----GAAAG-----GT-----CATCCC
 Pan troglodytes CCAGGAGTG-----GAAAG-----GTA-----AGAAACATCCC
 Mus musculus CCTGAAGAGTTT-----TAAAAATACAGAAAG-----GTGG-----TCTTCACTCTGCCATCCC
 Caenorhabditis elegans CCATAAGTTTGTGACTTTTTTTCAAATATTTTCCAAAACCTCTAGAAAGTTTAAATTTTTCATCGTAGTGTGTCACGGTGGGTGCTGCC
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BRCA2 MRE1

Homo sapiens -CA-----ATCAACAAAAT-----GGTCATCCA-
 Pan troglodytes -CAGAAGATTTCATAGTTAATTTTTTTTCAACAAAAT-----GGTCATCCAA
 Mus musculus CCAG-----CAACCACATGGTGGCTCACAATCATCCA-
 Caenorhabditis elegans CCAC-----CAGCAAAAAA-----AATCAACCA-
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miR-193b* MREs

BRCA1 MRE4

Homo sapiens AGTGTG--CAGCAT-----TTGAAAA-----CCC
 Pan troglodytes AGTGTG--CAGCAT-----TTGAAAA-----CCC
 Mus musculus AGTGTGACTCAGCATAGATTCTCGATGCCCCACGTGTTCCGCCATTGAAAGGCAAGGCAAGCTTTGCTGCC
 Caenorhabditis elegans AGTGGT--CAATGCAATATG-----ATGGATTACGGGAATAAAAA-----CCC
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BRCA1 MRE5

Homo sapiens G---CAAGATCTAG-----AGG-----GAACC-CCT
 Pan troglodytes ---ACCAGAACTTTGTAATTCACATTCATCGTTGTGTAAATTAAACTTCTCCCATTCCTTTGAGAGGGGAACCCCT
 Mus musculus G---CAAGCTCTAG-----GACAGG-ACTAT---ATAG--AGATAC-CCT
 Caenorhabditis elegans GTTCTCAAGATCTTGAAAAACATAAAA-----ATTATGACAGCTTCTGA---ATCGCTGGAACCTCCT
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BRCA1 MRE6

Homo sapiens CTG--GCCA-----ACATGGTG-----AAACCCC
 Pan troglodytes CTG--GCCA-----ACATGGTG-----AAACCCC
 Mus musculus CTG--GCCAGTGATCCTCTGGTCTTAACATGGCGTCTGCTTCTCCAACTGTGTAACCCC
 Caenorhabditis elegans CTGTAAGATCCCGGTGAAAGTGGTCAATGCAATATGATGG--ATTACGGGAATAAAAAACCC
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BRCA2 MRE2

Homo sapiens ---TAA-----AAATAG-----T-----CATAT-----AACCCCT
 Pan troglodytes ---TAA-----AAATAG-----T-----CATAT-----AACCCCT
 Mus musculus TAAAAAAGTTTATTTTATGAGTATAAGTGTTTTTCCTGCTTTGCACCATATGCAGCCAGTTCCCTCTGAGGCCAGAGAGGGAATTGGATCCCT
 Caenorhabditis elegans ---TGA-----CAATTG-----GTTCCGATT-----CAAAG-----ACCCCA
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RAD51 MRE1

Homo sapiens TTG-----GCC-----AAGG-----TGGTGA-----AAT-----CCC-
 Pan troglodytes TTG-----GCC-----AAGG-----TGGTGA-----AAT-----CCC-
 Mus musculus TTGGCTGTACATGCCAGGTGAGTTGCTAGGGTTTCGGGCTGATCAGATCAGCAAGTAGCTATGAGCTTCTTGGGTTGCTAGGAATGAAACCCC
 Caenorhabditis elegans TTGTGT--CAATTGCCGATTGATATGGGAGG-----TGGTGAGG--GAAAAATG--TATGTATATTGATACCAATGCCACTTTT--CGACCCC-
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miR-148b* MREs

RAD51 MRE2

Homo sapiens TC-TTATGTTTCCAAG-----AGAACTA
 Pan troglodytes TC-TTATGTTTCCAAG-----AGAACTA
 Mus musculus TC-TTATGTATCCAGGTTATCCTGAAACTCTTGATAATTCCTCTCGCTCTGGTGTGGTTAGATTATGATGCGTTATCATGCCTGCCTTGTGTTGAAACACTCTTAGACCTA
 Caenorhabditis elegans TCGTTATGCTGTGTGATTGTTG-----ACTGTGCAACTGCTCATTTCCG-----TAACGAATGCACTGGAAGAGG-----AGATCTA
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RAD51 MRE3

Homo sapiens TC-TTATGTTTCCAAG-----AGAACTA
 Pan troglodytes TC-TTATGTTTCCAAG-----AGAACTA
 Mus musculus TC-TTATGTATCCAGGTTATCCTGAAACTCTTGATAATTCCTCTCGCTCTGGTGTGGTTAGATTATGATGCGTTATCATGCCTGCCTTGTGTTGAAACACTCTTAGACCTA
 Caenorhabditis elegans TCGTTATGCTGTGTGATTGTTG-----ACTGTGCAACTGCTCATTTCCG-----TAACGAATGCACTGGAAGAGG-----AGATCTA
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