

MNK 409

P2

Sekventeret:ex13 -ex 14 - ex16 - ex17

Primer 13U: **ex13** -ex 14 - **ex16** - ex17

Score = 308 bits (160), Expect = 2e-80
Identities = 162/163 (99%), Gaps = 0/163 (0%)
Strand=Plus/Plus

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Query 32      CTTGTGGAAGAGGCACAAACATCAAAGGCTCCTATCCGGCAGTTTGCAGACAAACTCAGT 91
               |||
Sbjct 2900    CTTGTGGAAGAGGCACAAACATCAAAGGCTCCTATCCAGCAGTTTGCAGACAAACTCAGT 2959

Query 92      GGCTATTTTGTTCCTTTTATTGTTTTTGTTCCTTCCATTGCCACCCTCTTGGTATGGATTGTA 151
               |||
Sbjct 2960    GGCTATTTTGTTCCTTTTATTGTTTTTGTTCCTTCCATTGCCACCCTCTTGGTATGGATTGTA 3019

Query 152     ATTGGATTTCTGAATTTTGAAATTGTGGAAACCTACTTTCCTG 194
               |||
Sbjct 3020    ATTGGATTTCTGAATTTTGAAATTGTGGAAACCTACTTTCCTG 3062

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Score = 469 bits (244), Expect = 5e-129
Identities = 244/244 (100%), Gaps = 0/244 (0%)
Strand=Plus/Plus

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Query 194     GTAAAGGTAGTGGTATTTGATAAGACTGGAACCATTACTCACGGAACCCCAGTGGTGAAT 253
               |||
Sbjct 3257    GTAAAGGTAGTGGTATTTGATAAGACTGGAACCATTACTCACGGAACCCCAGTGGTGAAT 3316

Query 254     CAAGTAAAGGTTCTAACTGAAAGTAACAGAATATCACACCATAAAATCTTGGCCATTGTG 313
               |||
Sbjct 3317    CAAGTAAAGGTTCTAACTGAAAGTAACAGAATATCACACCATAAAATCTTGGCCATTGTG 3376

Query 314     GGAAGTCTGAAAGTAACAGTGAACACCCTCTAGGAACAGCCATAACCAAATATTGCAAA 373
               |||
Sbjct 3377    GGAAGTCTGAAAGTAACAGTGAACACCCTCTAGGAACAGCCATAACCAAATATTGCAAA 3436

Query 374     CAGGAGCTGGACACTGAAACCTTGGGTACCTGCATAGATTTCCAGGTTGTGCCAGGCTGT 433
               |||
Sbjct 3437    CAGGAGCTGGACACTGAAACCTTGGGTACCTGCATAGATTTCCAGGTTGTGCCAGGCTGT 3496

Query 434     GGTA 437
               |||
Sbjct 3497    GGTA 3500

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Primer 17L: ex17 – ex16 – ex14 – ex13

Score = 367 bits (191), Expect = 2e-98
Identities = 198/199 (99%), Gaps = 1/199 (0%)
Strand=Plus/Minus

Query	18	TTTCAGTGTC-AGCTCCTGTTTGCAATATTTGGTTATGGCTGTTCCCTAGAGGGTGTTT	76
Sbjct	3455	TTTCAGTGTCAGCTCCTGTTTGCAATATTTGGTTATGGCTGTTCCCTAGAGGGTGTTT	3396
Query	77	TGTTACTTTTCAGCAGTTCCCAATGGCCAAGATTTTATGGTGTGATATTCTGTTACTTT	136
Sbjct	3395	TGTTACTTTTCAGCAGTTCCCAATGGCCAAGATTTTATGGTGTGATATTCTGTTACTTT	3336
Query	137	CAGTTAGAACCTTTACTTGATTACCACTGGGGTCCGTGAGTAATGGTTCAGTCTTAT	196
Sbjct	3335	CAGTTAGAACCTTTACTTGATTACCACTGGGGTCCGTGAGTAATGGTTCAGTCTTAT	3276
Query	197	CAAATACCACTACCTTTAC	215
Sbjct	3275	CAAATACCACTACCTTTAC	3257

Score = 433 bits (225), Expect = 4e-118
Identities = 227/228 (99%), Gaps = 0/228 (0%)
Strand=Plus/Minus

Query	215	CAGGAAAGTAGGTTTCCACAATTTCAAAATTCAGAAATCCAATTACAATCCATACCAAGA	274
Sbjct	3062	CAGGAAAGTAGGTTTCCACAATTTCAAAATTCAGAAATCCAATTACAATCCATACCAAGA	3003
Query	275	GGGTGGCAATGGAAACAAAAACAATAAAAGGAACAAAATAGCCACTGAGTTTGTCTGCAA	334
Sbjct	3002	GGGTGGCAATGGAAACAAAAACAATAAAAGGAACAAAATAGCCACTGAGTTTGTCTGCAA	2943
Query	335	ACTGCTGGATAGGAGCCTTTGATGTTTGTGCCTCTTCCACAAGTTTGACAATTTGAGAAA	394
Sbjct	2942	ACTGCTGGATAGGAGCCTTTGATGTTTGTGCCTCTTCCACAAGTTTGACAATTTGAGAAA	2883
Query	395	GGGTTGTGTCTGCTCCAACATGTGTTGCGCAAATAAGCAGTGACCCGT	442
Sbjct	2882	GGGTTGTGTCTGCTCCAACATGTGTTGCGCAGATAAGCAGTGACCCGT	2835