

NM_001008623.1	-----AAAAGGTGGTGGTTGGCT-----ATTCATTACACACAC	34
NM_005656.4	-----	0
XM_028845315.1	GACTTTACGCTCTGCTGACCTAGAGGTCTTAGTTCAGAGGGAGGAATGCTGCCACCAGG	60
NM_015775.2	-----GCCTTTC-----CTGGC	12
XM_008768547.2	-----	0
NM_001008623.1	ACACACACACATGCA--CACATACACAGAGTGACAGAGAGACGCAAACAACCAGAA-A	91
NM_005656.4	-----	0
XM_028845315.1	AGACACAACAGTGATTCCATTAACTAGAATTTACGACTGCCACCTGGCCACATTGAGCT	120
NM_015775.2	CGTTCCTCCTTCTGGCCGAGGTGCCTGCGTTTTAGGGGTGTCACCCTGGCTCCCGGGACG	72
XM_008768547.2	CCTCTTGGCCGAGGTGACCGGGCACCTGCGTTTTAGGGGTGTCACCCTGGCTCCTGGGACG	60
NM_001008623.1	CCT----TCTGTCTGTCAGCAGGACATAG-----TTTGAGTTTCGACTGACAAA	136
NM_005656.4	-----GAGTAGGCCGAGCTAAGCAGGAGGCGGAG---	30
XM_028845315.1	CCACATGCCTCTGAATCAACA-----GGCAAGGAGAGAGTTATGGCATTGGCTGGGGAG	174
NM_015775.2	CCGCCTCCGGAGATTTAAGCGAGAAGCTGGAGTAGTCTGTACTTGAGCGGACGAGGAA	132
XM_008768547.2	CCGCCTCCGGAGATTTAAGCGAGAGCTGGAGTAGTCTGTACTTGAGTGACAAGGAA *	120
NM_001008623.1	ACTTCACACGAAACCAAAGGACAAAGATGAACAG-----AACTGAAACGATCTACGA	188
NM_005656.4	----GCGGAGGCGGAGGGCGAGGGGCGGGGAGCGCCGCTGGAGCGCGGCAGGTCAATT	86
XM_028845315.1	ACCGATCTGGACTATCAAGGAGAAGCTAGACTACTACTACTCCACCAGGCAGGTCACTACT	234
NM_015775.2	GCCAAGAGCTCGG-----ACAGAGGCGGAGAGGGGCGGGAAGCGCAACAGGTCACCTG	185
XM_008768547.2	ACCGAGAGCCCCG-----GCGGAGGCGGAGAGGGGCGGGGAGCACAGCAGGTCACCTG * * *	173
NM_001008623.1	CAATGTCTCTCACGTGAACACGGTTTCCATGATGAGGAG--CAGCGGCCGCCTCCATA	245
NM_005656.4	GAACAT-TCCAGATACCTATCATTACTCGATGCTGTTGATAACAGCAAGATGGCTTTGAA	145
XM_028845315.1	GAACAT-TCCAGATACCTATCATTACTCGATGCTGTTGATAAAAGCAAGATGGCTTTGAA	293
NM_015775.2	GAGGAA-GCC---CCATACTGACCTCCTCATGCTGCTGACACAGGCAGGATGGCATTGAA	241
XM_008768547.2	GAGGAA-GCC---ACATACTGACCTCCTCATGCTGCTGACACAGGCAGGATGGCATTGAA * * * * *	229
NM_001008623.1	TGCACCGTCTTCTGGAGTAACCCGGCTTTATCTCAGTTCCCCGC-----	290
NM_005656.4	CTCAGGGTCACCACCAGCTATTGGACCTTACTATGAAAACCATGGATACCAACCGGAAAA	205
XM_028845315.1	CTCAGGGTCACCGCCAGGTGTTGGACCTTACTACGAAAACCATGGATACCAACCGGAAAA	353
NM_015775.2	CTCAGGGTCACCTCCAGGAATCGGACCTTGCTATGAGAACCACGGGTATCAGTCTGAGCA	301
XM_008768547.2	CTCAGGGTCACCTCCAGGAATTGGACCTTACTATGAGAACCACGGGTATCAGTCTGAGCA ** *** * ** *** * * ** *	289
NM_001008623.1	---CCCTCCAAACACGCAGCATCTGCCCCAAATCCCCATGTGCTTTACCCTTCACAAAG	347
NM_005656.4	CCCCTATCCCGCACAGCCCAGTGTGGTCCCCAGTGTCTACGAGGTGCATCCGGCTCAGTA	265
XM_028845315.1	CCCCTATCCTGCACAGCCCACCGTGGCCCCCAATGTCTACGAGGTGCATCCGGCTCAGTA	413
NM_015775.2	CATCTGTCCTCCGAGACCACCAAGTGGCTCCCAATGGCTACAACCTGTATCCAGCCCAGTA	361
XM_008768547.2	CGTCTATTCCCCGAGGCCACCTGTGCTCCAGTGGCTACAACCTGTATCCAGCCCAGAG * * * * ** * * * * *	349
NM_001008623.1	ATACTACCTGCGCACAGCCTGCCTCACTACACACC-----TCAACCAGCACTTATTAAC	402
NM_005656.4	CTACCCGTCCCC-----CGTGCCCCAGTACGCCCCGAGGGTCTGACGCAGGCTTCCAA	319
XM_028845315.1	CTACCCGTCCCC-----CGTACCCCACTACACCCGAGGGTCTGACGCATGCTTCCAA	467
NM_015775.2	CTACCCATCTCC-----AGTGCCTCAGTATGCTCCGAGGATTACAACGCAAGCCTCAAC	415
XM_008768547.2	CTGCCATCTCC-----AGTGCCCCAGTATGCTCCGAGAGTCACAACCTCAAGCCTCAAC * * * * * * * * * * *	403
NM_001008623.1	ACTCACCATACAGTCACACCTACAATCTACCTGGACACCAATCCAGTCAACAAAGTTTCC	462
NM_005656.4	CCCCGTGCTCTGCACGCAGCCCCAAATCCCCATCCGGGACAGTGTGCACCTCAAA-----	373
XM_028845315.1	CCCCGCCGTCTGCAGGCAGCCCCAAATCCCCGTGGGGACAGTGTGCACCTCAAA-----	521
NM_015775.2	ATCTGTCATCCACACACATCCCAAG---TCCTCAGGAGCACTGTGCACCTCAAA-----	466
XM_008768547.2	ACCTGCCATCCACATACAGCCCCGA---TCCTCAGGAACACTGTGCACCTCAAA----- * * * * * * * * *	454
NM_001008623.1	AGGAGAAAAAAATGGCCATATATTGTGGGCACAGTCGTACACTGCTGGTCATTGCTGGA	522
NM_005656.4	--GACTAAGAAAGCACTGTGCATCACCTTGACCCTGGGGACCTTCTCGTGGGAGCTGCG	431
XM_028845315.1	--GACTAAGAAAGCACTGTGCGTCACCATGACCCTGGGGGCTGTCTCGTGGGAGCTGCG	579

NM_015775.2	--GTCTAAGAAATCGCTGTGTTTAGCCCTCGCCCTGGGCACTGTCCTCACGGGAGCTGCT	524
XM_008768547.2	--ATCTAAGAAATCCATGCTTGTGCGCCTGGCCCTGGGCACTGTCCTCGCCGGTGCTGCT ** ** * * * * *	512
NM_001008623.1	GTTGTAGTTGCGGTGCTTTGGTTTTATGGGTTGTTTGCCTG---TTTGCAAGGACGGATG	579
NM_005656.4	CTGGCCGCTGGCCTACTCTGGAAGTTCATGGGCAGCAAGTGCTCCAACCTCTGGGATAGAG	491
XM_028845315.1	CTGGCCGCTGGCCTGCTCTGGAAGTTCATGGGCAGCAAGTGCTCCGACTCTGGGATAGAG	639
NM_015775.2	GTGGCTGCTGTCTTGCTTTGGAGTTCTGGGACAGCAACTGTTCTACGTCTGAGATGGAG	584
XM_008768547.2	GTGGCTGCTGGCTTGCTTTGGAAGTTCTGGGACAGCAAGTGCTCTTCATCAGAGATGGAG * * * * * * * * * *	572
NM_001008623.1	TGTGAAGCAGATAAAAAAGTGTGTGTCAGTGTGTCGCTGTGGTGTGACGGTACGGTGGACTGT	639
NM_005656.4	TGCGACTCCTCAGGTACCTGCATCAACCCCTCTAACTGGTGTGATGGCGTGTCACTGTC	551
XM_028845315.1	TGCGACTCCTCAGGTACCTGCATCAGCTCCTCTAACTGGTGCATGGCGTGTCACTGTC	699
NM_015775.2	TGTGGGTCTTCAGGCACATGCATCAGCTCTTCTCTGCTGTGACGGGGTAGCACATTGT	644
XM_008768547.2	TGTGGGTCTTCAGGCACATGTATCAGCTCCTCCCTCTGGTGTGACGGAGTGTCACTGCT ** * * * * * * * * *	632
NM_001008623.1	CCGTGAGGAGAAGATGAAGCTCAATGCTATCGTCTGTACGGACCTAATTCCTCCTTCAG	699
NM_005656.4	CCCGCGGGGAGGACGAGAATCGGTGTGTTGCGCTCTACGGACCAAACTTCATCCTTCAG	611
XM_028845315.1	CCGAACGGGGAGGACGAGAACCGGTGTGTTGCGCTCTATGGACCAAACTTCATTCTTCAG	759
NM_015775.2	CCCAACGGGAGAAGATGAGAACCCTGTGTTGCTCTACGGACAAAGCTTCATCCTCCAG	704
XM_008768547.2	CCCAACGGGGAAGACGAGAACCCTGTGTTGCGCTCTATGGAACAAGCTTCACCTCCAG ** * * * * * * * * *	692
NM_001008623.1	AAGTACTCAAATGTGAGCGCTAATTGGAAAAATGTCTGTTTCAAGTGGATTTAATGACAAC	759
NM_005656.4	GTGTACTCATCTCAGAGGAAGTCTTGGCACCTGTGTGCCAAGACGACTGGAACGAGAAC	671
XM_028845315.1	GTGTACTCATCTCAGAGGAAGTCTTGGCACCTGTATGCCGAGACGACTGGAACGAGAAC	819
NM_015775.2	GTTTACTCATCTCAGAGGAAAGCCTGGTATCCCGTGTGCCAGGATGATTGGAGTGAGAGC	764
XM_008768547.2	GTTTACTCATCTCAGAGGAAAGCCTGGTATCCCGTGTGCCAGGATGATTGGAATGAGAGC ***** * * * * * * * * *	752
NM_001008623.1	CTGGCCAAGCAAGCCTGTGCGGAGATCGGATACAAGGATACATATTCGGGTTATCAGGGA	819
NM_005656.4	TACGGGCGGGCGGCTGCAGGGACATGGGCTATAAGAATAATTTTACTCTAGCCAAGGA	731
XM_028845315.1	TACGCGCGGGCAGCCTGCAGGGACATGGGCTATAAGAATAGTTTTTACTCTAGCCAAGGA	879
NM_015775.2	TACGGGAGAGCAGCATGTAAGACATGGGATACAAGAACAATTTTATTCTAGCCAAGGG	824
XM_008768547.2	TACGGGAGAGCAGCATGTAAGACATGGGATACAAGAACAGCTTTTATTCTAGCCAAGGG * * * * * * * * *	812
NM_001008623.1	ATTTTGTC-----	827
NM_005656.4	ATAGTGGATGACAGCGGATCCACCAGCTTTATGAACTGAACACAAGTGCCGGCAATGTC	791
XM_028845315.1	ATAGTGGATAACAGTGGAGCCACCAGCTTTATGAACTGAACACAAGTGCTGGCAACGTC	939
NM_015775.2	ATACCAGACCAGAGCGGGGCAACGAGCTTTATGAAGCTGAATGTGAGCTCAGGCAACGTT	884
XM_008768547.2	ATACCAGACCAGAGCGGGGCAACGAGCTTTATGAAGCTGAATGTGAGCGCAGGCAACGTC **	872
NM_001008623.1	-----GCCATCGCTTGACTTCATTTAGCCTGTCAATCTTCCACAGCAGTGTCACTC	879
NM_005656.4	GATATCTATAAAAACTGTACCACAGTGATGCCTGTTCTTCAAAAGCAGTGTTTCTTTA	851
XM_028845315.1	GATATCTATAAAAACTGTACCACAGTGACGCTGTTCTTCAAAAGCAGTGTTTCTTTA	999
NM_015775.2	GACCTCTATAAAAACTCTACCACAGTGACTCATGTTTCATCCCGCATGGTGGTTTCTTTG	944
XM_008768547.2	GACCTCTATAAAAACTCTACCACAGTGACTCGTGCTCATCCCGCATGGTGGTTTCTTTG * * * * * * * * *	932
NM_001008623.1	AAATGTACTGATTGTGGGCGGA-----GCACTGGGAACCGGATTGTGGGTGGG	927
NM_005656.4	CGTGTATAGCCTGCGGGGTCAACTTGAACCTCAAGCCGCCAGAGCAGGATTGT---GGGC	908
XM_028845315.1	CGTGTATAGCTTGTGGGGTCCGCTCAAACCTAAGCCGCCAGAGCAGGATCGT---GGGC	1056
NM_015775.2	CGTGTATAGAATGCGGGGTTGCTCAGTG---AAACGCCAGAGCAGGATTGT---GGGT	998
XM_008768547.2	CGTGTATAGAATGCGGGGTTGCTCAGTA---AGACGTCAGAGCAGGATTGT---GGGT **** * * * * * * * * *	986
NM_001008623.1	ACCACGGTGACCTCAAAGGGCGTGTGGCCATGGCAGGTCAGCCTGCATTATCCGGAAGG	987
NM_005656.4	GGCGAGAGCGCGCTCCCGGGGGCTGGCCCTGGCAGGTCAGCCTGCACGTCCAGAACGTC	968
XM_028845315.1	GGCCAGAACGCGCTCTAGGGGCTGGCCCTGGCAGGTCAGTCTGCACGTCCAGAACATC	1116
NM_015775.2	GGATTGAATGCCTACCCAGGAGACTGGCCCTGGCAGGTCAGCCTGCACGTCCAGGCGTC	1058
XM_008768547.2	GGGTGCAACGCGCTCACCAGGAGACTGGCCCTGGCAGGTCAGCCTGCACGTCCAGGTATC * * * * * * * * *	1046
NM_001008623.1	CATCTGTGCGGCGGCTCCATCATCACTCCTTACTGGATCCTTACTGCGGCGCACTGCGTT	1047
NM_005656.4	CACGTGTGCGGAGGCTCCATCATCACCCCGAGTGGATCGTGACAGCCGCCCACTGCGTG	1028

XM_028845315.1	CATGTGTGCGGAGGCTCCATCATACCCCCGAGTGGATCGTGACAGCTGCTCACTGCGTG	1176
NM_015775.2	CACGTCTGCGGAGGCTCCATCATACCCCCGAGTGGATTGTGACGGCCGCCACTGTGTG	1118
XM_008768547.2	CATGTCTGCGGAGGCTCCATCATACCCCCGAGTGGATTGTGACAGCCGCCACTGTGTG ** * ***** ** * ***** * ** ** ***** **	1106
NM_001008623.1	CATCAGTTTTTC---AAATCCAGGGGGCTGGACGGTGTATGCTGGATATCTGACCCAATCA	1104
NM_005656.4	GAAAAACCTCTTAACAATCCATGGCATTGGACGGCATTTCGCGGGGATTTTGAGACAATCT	1088
XM_028845315.1	GAAAAACCTCTTAACAGTCCGTGGCAATGGACGGCATTTCGCGGGGACTTTTGAGACAATCT	1236
NM_015775.2	GAAGAACCCCTCAGCAGCCCCGAGTACTGGACGGCATTTCGCGGAATTCTGAGACAGTCT	1178
XM_008768547.2	GAAGAACCCCTCAGCAGCCCTAGTACTGGACGGCATTTCGCGGAATTTTGAACAGTCT * * * ** ** ***** * ** * ** ** *	1166
NM_001008623.1	GAGATGGCGTCGGCCTCCGAAACTCTGTA---AACCGAATTGTCATTCATGATTTCAAC	1161
NM_005656.4	TTCATGTTCTATGGAGCCGGATACCAAGTAGAAAAAGTGATTTCTCATCCAAATTATGAC	1148
XM_028845315.1	TCCATGTTCTATGAAAAAGGACACCGAGTAGAAAAAGTGATTTCTCATCCAAATTATGAC	1296
NM_015775.2	CTCATGTTCTATGGAAGTAGACACCAGGTAGAAAAAGTAATTTCCCATCCAAATTACGAC	1238
XM_008768547.2	CTCATGTTCTATGGAAGTAGACACCAGGTAGAAAAAGTGATTTCCCATCCAAATTACGAC *** * * ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** *	1226
NM_001008623.1	CCAAACACCAATGAGAATGATATCGCACTAATGAGGCTAAACACAGCACTCACTATTTCA	1221
NM_005656.4	TCCAAGACCAAGAACAATGACATTGCGCTGATGAAGCTGCAGAAGCCTCTGACTTTCAAC	1208
XM_028845315.1	TCCAAGACCAAGAACAATGACATTGCGCTGATGAAGCTGCATACGCCTCTGACTTTCAAC	1356
NM_015775.2	TCTAAGACCAAGAATAACGACATTGCTCTCATGAAGCTGCAGACACCTTTGGCTTTTAAT	1298
XM_008768547.2	TCTAAGACCAAGAATAATGACATTGCTCTCATGAAGCTGCAGACACCTTTGGCTTTTAAT * ** ***** * ** ** ** ** ** * ** ** * ** *	1286
NM_001008623.1	ACGAACATCAGGCCAGTCTGTCTGCCAAATAAAGGCATGAGCTTCACTGCGCAGCAGGAC	1281
NM_005656.4	GACCTAGTGAAACCAAGTGTGTCTGCCAACCCAGGCATGATGTGTCAGCCAGAACAGCTC	1268
XM_028845315.1	GAGGTGGTGAAACCAAGTATGTCTGCCAACCCAGGCATGATGTGTCAGCCGGAACAGCAC	1416
NM_015775.2	GATCTAGTGAAAGCCAGTGTGTCTGCCGAACCCAGGCATGATGTAGACCTAGACCAGGAA	1358
XM_008768547.2	GATGTAGTGAAAGCCAGTGTGTCTGCCGAACCCAGGCATGATGTGTCAGCTAGCCAGGAG * * ***** ** ***** *	1346
NM_001008623.1	TGTTACGTCACTGGATGGGGAGCGCTGTTAGTGGAGGCTCTTCCTCAGCAACCTACAA	1341
NM_005656.4	TGCTGGATTTCCGGGTGGGGGGCCACCCAGGAGAAAGGGAAGACCTCAGAAGTGCTGAAC	1328
XM_028845315.1	TGCTGGATTTCTGGGTGGGGGGCCACCCAGGAGAAAGGGAAGACCTCAGACGTGCTGAAC	1476
NM_015775.2	TGCTGGATTTCCGGGTGGGGGGCCACCTATGAGAAAGGGAAGACCTCGGACGTGTTGAAT	1418
XM_008768547.2	TGCTGGATTTCAGGGTGGGGGGCCACCTATGAGAAAGGGAAGACCTCAGATGTGCTGAAT ** * * * ** ***** ** *** ***** *	1406
NM_001008623.1	GAGGCCAAAATCCAGCTGATCGACAGCACGATTTGTAACAGCCGCCCTGTGTATAACGGA	1401
NM_005656.4	GCTGCCAAGGTGCTTCTCATTGAGACACAGAGATGCAACAGCAGATATGTCTATGACAAC	1388
XM_028845315.1	GCTGCCATGGTGCTCTCATTGAGCCGCGGAGATGCAACAACAAATACGTCTACGACGGC	1536
NM_015775.2	GCTGCCATGGTACCCTTGATCGAGCCCTCCAAATGTAATAGTAAATACATATACAACAAC	1478
XM_008768547.2	GCTGCCATGGTACCCTTGATCGAGCCCTCCAAATGTAATAGCAAAATACATATACAACAAC * ***** * * * ** ** * ** ** *	1466
NM_001008623.1	CTGATCACCGACACCATGATCTGTGCTGGAAAGCTGGCAGGCGGCGTGGACTCCTGTCAG	1461
NM_005656.4	CTGATCACACCAGCCATGATCTGTGCCGGCTTCCTGCAGGGGAACGTCGATTCTTGCCAG	1448
XM_028845315.1	CTGATCACACCAGCCATGATCTGTGCCGGCTTCCTGCAGGGGACCGTTGATTCTTGCCAG	1596
NM_015775.2	CTAATCACACCAGCCATGATCTGTGCCGGCTTCCTCCAGGGGTCTGTGACTCTTGCCAG	1538
XM_008768547.2	TTAATCACACCAGCCATGATCTGCGCCGGTTCCTCCAGGGCTCTGTGACTCTTGTCAG * ***** ***** ** ** ** ** ** ** * ** ** *	1526
NM_001008623.1	GGGGACAGCGGTGGTCTCTGGTACCAATGTGCGCTCTCTCTGGTGGCTGCTGGGAGAC	1521
NM_005656.4	GGTGACAGTGGAGGGCCTCTGGTCACTTCGAAGAACAATATCTGGTGGCTGATAGGGGAT	1508
XM_028845315.1	GGTGACAGTGGAGGGCCTCTGGTCACTTTGAAGAACGATGTCTGGTGGCTGATCGGGGAT	1656
NM_015775.2	GGAGACAGTGGAGGGCCGCTGGTTACTTTGAAGAATGGGATCTGGTGGCTGATTGGGGAC	1598
XM_008768547.2	GGAGACAGTGGAGGGCCCCCTGGTTACTTTGAAGAATGAAATCTGGTGGCTGATTGGGGAC ** ***** ** ** ** ***** * ***** ** ** *	1586
NM_001008623.1	ACGAGCTGGGGTGATGGATGCGCTGTGAGAAACAAACCCGGAGTCTACGGAAATGTGACC	1581
NM_005656.4	ACAAGCTGGGGTTCTGGCTGTGCCAAAGCTTACAGACCAAGAGTGACGGGAATGTGATG	1568
XM_028845315.1	ACAAGCTGGGGATCTGGCTGTGCCAAGCTAACAGACCAAGAGTGACGGGAATGTGACC	1716
NM_015775.2	ACGAGCTGGGGCTCGGGCTGTGCCAAGGCACTCAGACCTGGAGTATACGGGAACGTGACG	1658
XM_008768547.2	ACGAGCTGGGGCTCGGGCTGTGCCAAGGCATACAGACCTGGAGTATACGGGAATGTGACA ** ***** ** ** ** ** * ** ** ***** ** *****	1646
NM_001008623.1	TACTTCCTTGACTGGATCTACCAGCAAATGCGGAAATATTAGCCTTTTGAATATAAGAGA	1641

[illegible]

NM_001008623.1	AAAAAAAAAAAAAAAAAAAA-----	2133
NM_005656.4	AAATAAAGGGACCAGCCCTTCATGGGTGGTGACGTGGTAGTCACCTTGTAAGGGGAACAGA	2190
XM_028845315.1	AAATAAAGGGACCAGCCCTTCATGGGTGGTGACGTGGTAGTCACCTTGTAAGGGGAACAGA	2339
NM_015775.2	GAGTAAAGG--GCTTGCTCTCCTGCATGTTGACATGACGGCCCTTCCAAGGGTGATGGA	2275
XM_008768547.2	-----	1975
NM_001008623.1	-----	2133
NM_005656.4	AACATTTTTGTTCTTATGGGGTGAGAATATAGACAGTGCCCTTGGTGCGAGGGAAGCAAT	2250
XM_028845315.1	AACATTTTTGTTTTACAGGGTGAGAATGTAGACAGTGCCCTTGGTGCAAGGGAAGCAAT	2399
NM_015775.2	GGCTTTC-----CCAAGCTAAGGGCCTAGGCAGATCTCTCAGAGCAAGA-----	2319
XM_008768547.2	-----	1975
NM_001008623.1	-----	2133
NM_005656.4	TGAAAAGGAAC TTGCCCTGAGCACTCCTGGTGCAGGTCTCCACCTGCACATTGGGTGGGG	2310
XM_028845315.1	TGCACAGGCAC TTGCCCTGAGCACTCCTGGTGCAGGTCTCCACCTGCACATTGGGTGGGG	2459
NM_015775.2	-----AGCTAATGCCGGCATGTCCCTTGGGTGAGCTCTACATGGTGTTATTCAGTCTGG	2373
XM_008768547.2	-----	1975
NM_001008623.1	-----	2133
NM_005656.4	CTCCTGGGAGGGAGACTCAGCCTTCCTCCTCATCCTCCCTGACCCTGCTCCTAGCACCT	2370
XM_028845315.1	CTCC-----CT	2465
NM_015775.2	TTCTTGGCTCCCCACTA---CTGTTTCTCTCAGCCTCTCAG-----AGCCT	2416
XM_008768547.2	-----	1975
NM_001008623.1	-----	2133
NM_005656.4	GGAGAGTGCACATGCCCTTGGTCCTGGCAGGGCGCCAAGTCTGGCACCATGTTGG-CCT	2429
XM_028845315.1	GGAGATTGCACATGCCCTTGGTCCTGGCAGGGGGCCAAGTCTGGCACCACATTGG-CCT	2524
NM_015775.2	GAAAC-----TTACCTCTTAGCTTTGGCTACAGGCATGGCCTAGTACCTGATGGAGCCT	2470
XM_008768547.2	-----	1975
NM_001008623.1	-----	2133
NM_005656.4	CTTCAGGCCTGCTAGTC-ACTGGAAATTGAGGTCCATGGGGGAAATCAAGGATGCTCAGT	2488
XM_028845315.1	CTTCAGGCCTACTAGTC-ACTGGAAATTGAGGTCCATGGGGGAAATCAAGGATGCTCAGT	2583
NM_015775.2	GTATAGCTCAGCTAATCAAATGGAGGCTCAGGTCCATCA--GAATCAGGGACTTGTGAT	2527
XM_008768547.2	-----	1975
NM_001008623.1	-----	2133
NM_005656.4	TTAAGGTACACTGTTTCCATGTTATGTTTCTACACATTGCTACCTCAGTGCTCCTGGAAT	2548
XM_028845315.1	TTTAGGTACACTGTTTCCAAGTTATGTTTCTACACATTGCTACCTCAATGCTCCTGGAAT	2643
NM_015775.2	TTCAGTCACCTTGCTTCTGGGTTGTGTTTCTTC-TCTTACTACCTCACTGCACCTGGACA	2586
XM_008768547.2	-----	1975
NM_001008623.1	-----	2133
NM_005656.4	CTTAGCTTTTGATGTCTCCAAGTAGTCCACCTTCATTTAA-CTCTTTGAAACTGTATCAT	2607
XM_028845315.1	CTTAGCATTTGATGTCTCCAAGTAGTCCACCTACATTTAA-CTCTG--AAACTATCATCT	2700
NM_015775.2	CTAGAGTG--ATGAATGTCTGGAGTTCACCTGCATTTGGACTGTGTGATTGTGCCCTC--	2642
XM_008768547.2	-----	1975
NM_001008623.1	-----	2133
NM_005656.4	CTTTGCCAAGTAAGAGTGGTGGCCTATTTGAGCTGCTTTGACAAAATGACTGGCTCCTGA	2667
XM_028845315.1	TTTTGCCAAGTTTGAGTGGTGGCCTATTTGAGATACTTTGACAAAATGATTGGCTTCTGA	2760
NM_015775.2	-----AGACACTAGACCTCTCCAGAT-----GGTTAGGTTGTTC	2677
XM_008768547.2	-----	1975
NM_001008623.1	-----	2133
NM_005656.4	CTTAACGTTCTATAAATGAA-TGTGCTGAAGCAAAGTGCCCATGGTGCGGCGAAGAAGA	2726
XM_028845315.1	CTTTATGTTCTATAAATGAA-TGTGCTGAAGGAAAGTGCCCATGGTGCGGCGAAGAAGA	2819
NM_015775.2	TGTAG--ACTGGCAATGAGATTAGAAGTTCCTAGCTTCAGATAAAGATGAAAGAGAGGA	2734
XM_008768547.2	-----	1975

NM_001008623.1	-----	2133
NM_005656.4	GAAAGATGTGTTTTGTTTGGACTCTCTGTGGTCCCTTCCAATGCTGTGGGTTTCCAACC	2786
XM_028845315.1	GAAAGATGTGTTTTGTTTGGACTCTCTGTGGTCCCTTCCAATGCCGTGGGTTTCCAACC	2879
NM_015775.2	GATCATTGTCTTCTGTCTTCTTCTGGCCCTGGGTTTATACCAGGAAAGCC-----	2784
XM_008768547.2	-----	1975
NM_001008623.1	-----	2133
NM_005656.4	AGGGGAAGGGTCCCTTTTGCATTGCCAAGTGCCATAACCATGAGCACTACTCTACCATGG	2846
XM_028845315.1	AGGGGAAGGGTCCCTCTTGTATTACCAAGTGCCATAACCATGAGCACTACTCTAGCATGG	2939
NM_015775.2	-----ATGCCAGAATTACCAAATATGAAGTATGAATGTCTTACCCACGG-----TGAGG	2833
XM_008768547.2	-----	1975
NM_001008623.1	-----	2133
NM_005656.4	TTCTGCCTCCTGGCCAAGCAGGCTGGTTTGCAAGAATGAAATGAATGATTCTACAGCTAG	2906
XM_028845315.1	TTCTGCCTCCTGGCCAAGCAGGCTGGTTTGCAAGAATGAAATGAATGATTCTACTGCTAG	2999
NM_015775.2	CTCTGCC--TCCTTCTCTCTGCCTGGTTCTTCAGAAGGCAGTGAATGGGTCATAACTGGG	2891
XM_008768547.2	-----	1975
NM_001008623.1	-----	2133
NM_005656.4	GACTTAACCTTGAAATGGAAAGTCATGCAATCCCATTTGCAGGATCTGTCTGTGCACATG	2966
XM_028845315.1	GACTTAACCTTGAAATGGAAGGTCATGCAATCCCATTTGCAGGATCTGTCTGTGCACGTG	3059
NM_015775.2	ACTCCATCTTTGCTGGGGAAAGTCTCCACCTAG-----GGAATGG----TTACCACTC	2941
XM_008768547.2	-----	1975
NM_001008623.1	-----	2133
NM_005656.4	CCTCTGTAGAGAGCAGCATTCCCAGGGACCTTGGAAC-AGTTGGCACTGTAAGGTGCTT	3025
XM_028845315.1	CCTCTGTAGAGAGCAGCATTCCCAGGCACCTTGGAAC-AGGTGGCACTATAAGGTGCCT	3118
NM_015775.2	CATGTAAAGAAAACCTCCCTCATGCGTCCTCTGGGACCTTCTTAGATGCTGTAAGGTACCT	3001
XM_008768547.2	-----	1975
NM_001008623.1	-----	2133
NM_005656.4	GCTCCCCAAGACACATCCTAAAAGGTGTTGTAATGGTGAAAACGTCTTCCTTCTTTATTG	3085
XM_028845315.1	GCTCCCCAAGACACATCCTAAAAGGTATTATAATGGTGAAAACGTCTTCCTTCTTTATTG	3178
NM_015775.2	ACATA--CAGACTAAATGTGCAAGCACCTTGAAGTGTGAGAACCTGTCCCCTCCTTAGCT	3059
XM_008768547.2	-----	1975
NM_001008623.1	-----	2133
NM_005656.4	CCCCTTCTTATTTATGTGAACAACTGTTTGTCTTTTTTGTATCTTTTTTAACTGTAAA	3145
XM_028845315.1	CCCCTTTTTATTTATGTGAGCAACCATTGTCTT-TTTTGTATCTTTTTTAACTGTAAA	3237
NM_015775.2	CTCCTTGCTTTGCTGTTGGTTG-GTTATTTCTGCTTTGTGTCTGTTCTGAGCTGTGAG	3118
XM_008768547.2	-----	1975
NM_001008623.1	-----	2133
NM_005656.4	GTTCAATTGTGAAAATGAATATCATGCAAATAAATTATGCAATTTTTTTTTCAAAGTAAC	3205
XM_028845315.1	GTTCAATTGTGAAAATGAATATCATGCAAATAAATTATGCAATTTTTTTTTCAAAGTAAT	3297
NM_015775.2	ATTCCACTGTGAAATATA-----TGAATAAAGTATATAATTCTTTTAAAAAAAAAAAA	3170
XM_008768547.2	-----	1975
NM_001008623.1	-----	2133
NM_005656.4	TACTGCATCTTTGAAGTTCTGCCTGGTGAGTAGGACCAGCCTCCATTTCTTTATAAGGGG	3265
XM_028845315.1	TACTGCATCTTTGAAGTTCTGCCTGGTGAGTAGGACAAGCCTCCATTTCTTTGTAAGGGG	3357
NM_015775.2	AAAAA-----	3175
XM_008768547.2	-----	1975
NM_001008623.1	-----	2133
NM_005656.4	GTGATGTTGAGGCTGCTGGTCAGAGGACCAAAGGTGAGGCAAGGCCAGACTTGGTGCTCC	3325
XM_028845315.1	GTGATGTTGAGGCTGCTGGTCAGAGGACCAA-GGTGAGGCAAGGTGAGTCTTGGCGCTCC	3416
NM_015775.2	-----	3175
XM_008768547.2	-----	1975

NM_001008623.1	-----	2133
NM_005656.4	TGTGGTTGGTGCCCTCAGTTCCTGCAGCCTGTCCTGTTGGAGAGGTCCCTCAAATGACTC	3385
XM_028845315.1	TCTGGTTGGTGCCCTCAGTTCCTGAAGCCTGTCCTGTTGGAGAGGTCCCTCAAATGACTC	3476
NM_015775.2	-----	3175
XM_008768547.2	-----	1975

NM_001008623.1	-----	2133
NM_005656.4	CTTCTTATTATTCTATTAGTCTGTTTCCATGCTCCTAATAAAGACATACCCAAGACTGCA	3445
XM_028845315.1	ATTATTAT---TCTGTTAGTCTGTTGCCATGCTCCTAATAAAGACATACCCAAGACCA--	3531
NM_015775.2	-----	3175
XM_008768547.2	-----	1975

NM_001008623.1	-----	2133
NM_005656.4	ATTTA	3450
XM_028845315.1	-----	3531
NM_015775.2	-----	3175
XM_008768547.2	-----	1975