

a

Myogenin 5'-flanking (mouse); GeneBank: M95800

1021	CTGGAGTGGT	CCTGATGTGG	TAGTGGTAGG	TCTTTAGGGG	TTCATGGGA	CTGACATAGT
1081	AC GGTTTAAG	GTGCTGCTGC	TGAGCAGGAA	AGAGAAGGCT	AAGTGGATT	TCAAGACCCC
1141	TTCCCGTCCG	TCCAAGACAA	CCCCTTTCTT	GTTCCCTTCC	TGCCCTGTCC	ACCAGCTGCC
1201	TTGGACCATG	GAGGAGAGAG	TAGGCAGGAG	GCCCCGGTAG	GAGTAATTGA	AAGGAGCAGA
1261	TGAGACGGGG	GAATGCACCC	ACCCCCACCT	TCCCTGCCCC	ACAGGNTGTG	GAGAAATGAA
1321	AACTAATCAA	ATTACAGCCG	ACGGCCTCCC	GACCCGTGCA	CAGGAGCCGC	CTGGGCCAGG
1381	GGC AGGCCTG	CAGGGTGGGG	TGGGGGCAAA	AGGAGAGGGA	AGGGGAATCA	CATGTAATCC
1541	ACTGGAAACG	TCTTGATGTG	CAGCAACAGC	TTAGAGGGGG	GCTCAGGTTT	CTGTGGCGTT

PSEN1 5'-flanking (human); GeneBank: AF458103

1021	CTGGAGTGGT	CCTGATGTGG	TAGTGGTAGG	TCTTTAGGGG	TTCATGGGA	CTGACATAGT
1081	AC GGTTTAAG	GTGCTGCTGC	TGAGCAGGAA	AGAGAAGGCT	AAGTGGATT	TCAAGACCCC
1141	TTCCCGTCCG	TCCAAGACAA	CCCCTTTCTT	GTTCCCTTCC	TGCCCTGTCC	ACCAGCTGCC
1201	TTGGACCATG	GAGGAGAGAG	TAGGCAGGAG	GCCCCGGTAG	GAGTAATTGA	AAGGAGCAGA
1261	TGAGACGGGG	GAATGCACCC	ACCCCCACCT	TCCCTGCCCC	ACAGGNTGTG	GAGAAATGAA
1321	AACTAATCAA	ATTACAGCCG	ACGGCCTCCC	GACCCGTGCA	CAGGAGCCGC	CTGGGCCAGG
1381	GGC AGGCCTG	CAGGGTGGGG	TGGGGGCAAA	AGGAGAGGGA	AGGGGAATCA	CATGTAATCC
1541	ACTGGAAACG	TCTTGATGTG	CAGCAACAGC	TTAGAGGGGG	GCTCAGGTTT	CTGTGGCGTT

Legend: **MIPs**; **MethPrimers**

b

Mouse myogenin 5'-flanking		
	Forward	Reverse
MethylC-insensitive	5'-AGGAAAGAGAAGG ^C _T TAAGTGG-3' (nt 1106 – 1126)	5'-ACCCACCCCT ^G _A CA ^G _A ^G _A CC-3' (nt 1401 – 1385)
Methprimers	5'-GGTTTAAGGTGTTGTTGTTGAGTAG-3' (nt 1083 – 1107)	5'-AAATTACATATAATTCCCCTTCCCT-3' (nt 1440 – 1416)
Human PSEN1 5'-flanking		
	Forward	Reverse
MethylC-insensitive	5'-T ^C _T ATTGAGTGGTGGGAGAGGG-3' (nt 797 – 818)	5'-TTTT ^G _A TTCC ^G _A AT ^G _A T ^G _A AAACC-3' (nt 1247 – 1227)
Methprimers	5'-TGGGTTTAATTTATATAGGGTTTT-3' (nt 949 – 973)	5'-TAACTCAAATTCCTTCCAAACCA-3' (nt 1277 – 1255)