

Mc1r gene sequence in a mouse with dark-colored fur

Codon	Nucleotide	Codon number
1	ATG	1
2	CCC	2
3	ATG	3
4	CAG	4
5	GAG	5
6	CCC	6
7	CAG	7
8	AGG	8
9	GAG	9
10	GCT	10
11	ACT	11
12	TGG	12
13	GTC	13
14	CCT	14
15	TTT	15
16	CAAC	16
17	TCC	17
18	ACC	18
19	TGC	19
20	CAC	20
	AGG	
	CGT	
	TTC	
	CTCAC	
	CTCGAGCTATCTGCCAACCAGACTGGACCC	
	TGGTGCCTGCACGTATCCATCCCAGATGGCCTCTTCCTC	
	AGCCTGGGGCTGGTGAGCTTGGTGGAAAATGTGCTGGTGGTGATTTCATTGCCAAGAACCAAACCTG	50
	CATTCCCCATGTACTACTTCATCTGCTGCCTGGCTTTGTCTGACCTGCTTGTGAGTGTGAGCATTGTG	
	CTGGAGACCACTCTCATCTTGGTGTAGAGGCAGGGGCCCTGGCCACCTGGGTGACTGTGGTACAGCAG	100
	CTGGACAATGTCATCGACGTGCTCATCTGTGGCTCCATGGTCTCAAGTCTGTGCTTCCTCGGAGCCATC	
	GCTGTGGACCGGTACATCTCCATCTTCTATGCACTGCCTATCACAGTATTGTGACACTGCCCTGGGCT	150
	CGGTGGGCCATCGTGGCCATCTGGGTAGCCAGCATCTCTTCCAGCACTCTTTTTTGTTCCTACTACAAC	
	CACACAGCGTCTGCTTTGTCTCGTCACCTTTTTTTCTAGCCAGCTGGCACTCATGGTAGTTCTGTAT	200
	GTGCACATGCTCGCACGGGCACACCAGCATGCTCAGGCCATTGCTCAGCTCCACAAGAGACAGCACCTT	
	GTCCACCACGGTTTCCGACTCAAAGGCGCTGCCACCCTCACTATCCTCTTGGGCATTTTCTTCCTGTGC	250
	TGGGGCCCCTTCTTCCTGTACCTCACTCTCATCGTCCTCTGCCGAAGCACCCCTACCTGCGGCTGTTTC	
	TTCAAGAACCTCAATCTCTTCCTTGCCCTCATCATCTTCAACTCCATTGTTGACCCCTCATCTATGCC	300
	TTCCGAAGTCAGGAGCTCCGCATGACGCTCAAGGAGGTGCTGCTGTGCTCCTGGTGA	318