

A

All selected

Clear

Analyze sequence

P : Protein residue C : Codon position A : Amino acid position

	rs#	organism	contig-position	heterozygosity	function	P	C	A
☒ 1.	rs8152226	[<i>Rattus norvegicus</i>]	11387349	?	untranslated	-	-	-
	TATTCAAGTGACGACGAGACCAATGAC [G/T] GTAACGTATTTATTGGTGGACCCA							
☒ 2.	rs8148912	[<i>Rattus norvegicus</i>]	11387425	?	untranslated	-	-	-
	GAGGGACAAAGGATGAAGGAAGGTG [C/T] GTTGAACACTTTATGATGGAAGTGC							
☒ 3.	rs8152227	[<i>Rattus norvegicus</i>]	11387431	?	untranslated	-	-	-
	CAAAGGATGAAGGAAGGTGCGTTGA [A/C] CACTTTATGATGGAAGTCTCCAG							

B

mixed SNPs from rat & human

[TGGATGACGGGCGGGCACTGGGGCA](#)[\[A/G\]](#)[CATAGCCAAAGGGGCCTA](#) [Primer3](#)

Sequence1: TGGATGACGGGCGGGCACTGGGGCA [\[A/G\]](#) CATAGCCAAAGGGGCCTA

Result(+): 😊 The snp in sequence (+) can be distinguished.

Result(-): 😊 The snp in sequence (-) can be distinguished.

[ACATGACTGAGGTCGTGAGACGCTG](#) [S](#) [CCCCACCATGAGCGTTGCTCTGATG](#) [Primer3](#)

Sequence2: ACATGACTGAGGTCGTGAGACGCTG [S](#) CCCCACCATGAGCGTTGCTCTGATG

Result(+): 😊 The snp in sequence (+) can be distinguished.

Result(-): 😊 The snp in sequence (-) can be distinguished.

[rs3761241](#) [Primer3](#)

Sequence3: ATACTAGAGAAATTTTGTACAACCA [\[C/T\]](#) ACTCCTTGGGCCCCATTACAGCTCT

Result(+): 😊 The snp in sequence (+) can be distinguished.

Result(-): 😞 The snp in sequence (-) can't be distinguished.

[rs3730428](#) [Primer3](#)

Sequence4: AAAATATTGATTCTGAGTTGTTTAG [\[A/G\]](#) TGTTCCTTTTAAGAAAGTGAGGGT

Result(+): 😞 The snp in sequence (+) can't be distinguished.

Result(-): 😊 The snp in sequence (-) can be distinguished.

[rs3730446](#) [Mutagenic Primer](#)

Sequence5: TACAAATCCTGTGTATTTTCATTTTA [\[C/T\]](#) TTGGCAAAAATTAATACTCTTCAGA

Result(+): 😞 The snp in sequence (+) can't be distinguished.

Result(-): 😞 The snp in sequence (-) can't be distinguished.

C	Sequences are defaulted to show sense (+) strand. If needed, please click ☐ to show antisense (—) strand.		
	TGGATGACGGGCGGGCACTGGGGCA [A/G] CATAGCCAAAGGGGCCTA Primer3		
	Sequence(+) RFLP:		
	0	5'- TGGATGACGGGCGGGCACTGGGGCA A CATAGCCAAAGGGGCCTA -3'	
	1	5'- TGGATGACGGGCGGGCACTGGGGCA G CATAGCCAAAGGGGCCTA -3'	
	Sequence ID	Recognition Sequence	Commercial Non-Commercial
	Sequence(+) = 0	---	---
	Sequence(+) = 1	5'-GCAGC-3'	BbvI BseXI BstVII Detail
		5'-GCWGC-3' 5'-GCNGC-3' ApeKI BisI Fsp4HI Fnu4HI ItaI SatI TseI Detail	