

Supplemental Table 1 - Location of potential off-target sites for crRNA TMF1648 on mouse chromosome 7

Genomic DNA (11 base seed)	Position	Strand	Mismatches (in seed)	Nearest gene	Off-target code	Analyzed ?
GCACAGAGGAGATACGGGCG CGG	19696877	-	0	<i>Apoe</i> exon 4 - correct target		
GCACAGAGcAGATgAGGGaG GGG	45859181	-	4 (3)	<i>Grin2d</i> - intron 2	A	YES
GgACAAaAGGAGATACcGGCc TGG	51963361	-	4 (2)	<i>Gas2</i> - intron 7	B	YES
aCAtAGAGGAaATAaGGGCG AGG	70552648	-	4 (2)	<i>Gm35842</i> lncRNA	C	YES
GCgCAGAGGAGAcgCGGcCG GGG	81859324	+	4 (3)	<i>Tm6sf1</i> - 5' UTR	D	YES
aCACAGAGtAGATActGGtG TGG	88598839	+	4 (2)	intergenic - non-conserved	E	no
GtACAGAGGAGATActGGgG TGG	100149385	-	3 (2)	intergenic - non-conserved	F	no
GCACAGAGGAGATgggtGgG GGG	122836707	-	4 (4)	intergenic - non-conserved	G	no
GgAgAGAGGAGATagGGGct AGG	125326739	+	4 (2)	<i>4933440M02Rik</i>	H	YES
aCACAGAGGAGAaAgGGGaG GGG	132361823	+	4 (3)	<i>Fgfr2-217</i> - intron 2 (2.9Mb)	I	YES
cCACAGAGGAGAacCGGGCa AGG	136762831	+	4 (3)	intergenic - non-conserved	J	no
GCACAcAGGAGctACaGGCa AGG	137604947	-	4 (3)	intergenic - non-conserved	K	no
tCACAGAGGAGAcAgGGGaG GGG	137681077	-	4 (3)	intergenic - non-conserved	L	no