

gRNA Project

1. gRNA target sequence (<http://crispor.tefor.net/>)

gRNA-A1 (matching reverse strand of gene): ACGCACTAACTTGTTACAA-TGG

2. gRNA Information

Off-target analysis for: gRNA-A1 (<https://cctop.cos.uni-heidelberg.de/index.html>)

Sequence: ACGCACTAACTTGTTACAATGG

Coordinates	strand	MM	target_seq	PAM	distance		gene name	gene id
11:119175277-119175299	-	0	ACGCACTA [ACTTGTTACAA]	TGG	0	E	Gaa	ENSMUSG00000025579
10:119586428-119586450	+	4	GCT CA GTC [ACTTGTTACAA]	TGG	3925	I	Grip1os2	ENSMUSG00000084764
2:86869603-86869625	-	4	GCT CAC AT [ACTTGTTACAA]	AGG	2728	-	Olfr1105	ENSMUSG00000075165
X:79074428-79074450	-	4	A GAT ACTA [A G TTGTTACAA]	CGG	30167	-	Gm4773	ENSMUSG00000080847
6:136361632-136361654	+	4	CGG CACA AA [AC G TGTTACAA]	TGG	0	E	Gm15476	ENSMUSG00000083916
12:47187588-47187610	-	4	CCG A T TA [AC A TGTTACAA]	GGG	24215	-	Gm36971	ENSMUSG000000104308
12:27648632-27648654	+	4	GT GCACT G [ACTT T TTACAA]	TGG	319	I	Gm4166	ENSMUSG000000113421
9:67440996-67441018	+	4	ACC CA CT T [G A TGTTACAA]	GGG	5596	I	Tln2	ENSMUSG000000052698
14:106875325-106875347	+	4	ACA CA CT T [A TC TGTTACAA]	GGG	17532	-	Gm48974	ENSMUSG000000115763
5:146266436-146266458	-	4	ACT CA CT G [GCT G TTACAA]	TGG	26752	-	Cdk8	ENSMUSG000000029635
13:53997447-53997469	-	4	A GA ACT G [ACTTG G TCACAA]	GGG	45194	-	Gm18974	ENSMUSG000000114012
6:50774951-50774973	+	4	TCC CACT T [ACTTGT G CACAA]	AGG	774	I	C530044C16Rik	ENSMUSG000000107667
7:100806652-100806674	-	4	ACT TT ACA AA [ACTTGT A CACAA]	TGG	2390	I	Gm6341	ENSMUSG000000083121
2:174266653-174266675	-	4	TCT CACTA [TCT TGT G CACAA]	TGG	0	E	Nelfcd	ENSMUSG000000016253
1:5031542-5031564	+	4	ACA CA GAA [ACTTGT A CACAA]	AGG	9516	I	Gm16041	ENSMUSG000000085623
11:109403822-109403844	-	4	AT G CACA AA [A G TT G CT CACAA]	GGG	4224	I	Arsg	ENSMUSG000000020604
8:114204561-114204583	-	4	ACC AA TA [ACTTGTT T ACAA]	AGG	41525	-	Gm25766	ENSMUSG000000077289
14:60887619-60887641	-	4	A AG CACT C [ACT GC TTACAA]	GGG	13524	I	Spata13	ENSMUSG000000021990
6:12502222-12502244	+	4	CAG CACT C [ACTTGTT T ACAA]	AGG	1055	I	Thsd7a	ENSMUSG000000032625
10:88528440-88528462	-	4	TCG CACT T [ACTT CA TCACAA]	GGG	7563	-	Spic	ENSMUSG000000004359