

Target Information & Location - TRAC						G	A	G	A	A	T	C	A	A	A	T	C	G	T	G	A	A	T	GUIDE-Seq Reads (TRAC)				
Target Site	Mismatch	Chr	Neares gene	Location	Distance from exon	SequenceAlignment																	Double TRAC/CD2-1	Double TRAC/CD2-2	Double TRAC/CD2-3			
chr14_22547575	0	chr14	TRAC	Exon 1	0	G	A	G	A	A	T	C	A	A	A	A	T	C	G	T	G	A	A	T	10909	8799	13801	
chr14_22547474	8	chr14	TRAC	Intergenic	-32	G	A	G	G	A	T	C	A	G	G	T	T	A	G	G	A	C	A	T	40			
chr2_23593780	8	chr2	AC011239.2	Intergenic	-22719	A	C	A	G	C	T	C	A	A	G	G	C	A	G	T	G	T	A	A	T	38	69	58
chr5_172347770	6	chr5	SH3PXD2B	Intronic	438	G	A	A	A	G	A	A	A	C	A	T	C	T	G	T	G	A	A	G			4	

Target Information & Location - CD2						A	C	A	G	C	T	G	A	C	A	G	G	C	T	C	G	A	C	A	C	GUIDE-Seq Reads (CD2)		
Target Site	Mismatch	Chr	Nearest gene	Location	Distance from exon	SequenceAlignment																		Double TRAC/CD2-1	Double TRAC/CD2-2	Double TRAC/CD2-3		
chr1_116760608	0	chr1	CD2	Exon 3	0	A	C	A	G	C	T	G	A	C	A	G	G	C	T	C	G	A	C	A	C	5782	4452	7052
chr5_74685250	8	chr5	HEXB	exon 1	0	A	C	A	G	C	T	C	C	A	T	G	G	C	C	G	C	T	C	G	G	1709	887	1285
chr16_49356400	7	chr16	AC007614.1	Intergenic	5896	A	C	A	G	C	T	C	C	A	G	G	G	T	G	C	C	A	G	C		695	435	512
chr2_23593780	8	chr2	AC011239.2	Intergenic	-22719	A	C	A	G	C	T	C	C	A	A	G	G	C	A	G	T	G	A	A	T	38	69	58
chr19_12939472	5	chr19	CALR	Exon 3	0	G	T	T	G	C	T	G	A	A	A	G	G	C	T	C	G	A	A	A	C	19	6	
chr3_193835990	8	chr3	LINC02038	Intergenic	-6570	C	C	G	A	C	T	G	C	C	A	G	G	T	C	A	G	A	C	T	A	588		
chr1_200990162	8	chr1	KIF21B	exon 20	0	A	T	C	A	C	C	G	A	C	T	G	C	A	G	C	A	G	C	A	C		367	
chr16_49357294	8	chr16	AC007614.1	Intergenic	6790	A	G	A	A	G	T	C	A	C	C	G	C	C	T	C	A	T	C	A	C			489
chr2_85788412	7	chr2	ATOH8	Intergenic	346	T	T	C	G	A	T	G	A	C	T	G	G	C	T	G	T	C	A	C				151
chr3_195785866	7	chr3	MUC4	Exon 2	0	A	C	A	G	G	T	G	A	C	A	C	C	A	-	C	C	C	T	C				4
chr5_172347744	6	chr5	SH3PXD2B	Intergenic	412	A	C	C	G	C	T	G	C	C	C	T	G	G	T	G	A	C	A	C				4

Mismatched bases: A C T G