

Table S3. Sequence of sgRNAs and plasmids used to construct HT-29 Cas9 and HeLa Cas9 CRISPR mutants.

Gene ID	Construct ID	sgRNA sequence
A4GALT	9873	ACTGGTACGCGGCCGTGCAG
UGCG	3574	CCTTACGTAGCAGACAGACA
SPTLC2	1793	ACAAC TATCTTGGATTTGCA
B4GALT5	7856	GAGAGAAAAGAAGAAGAGCG
ARF1	5085	GCTGATGTTCTTGTACTCCA
LAPTM4A	1045	GCACCGGGACGATCATCCTG
TM9SF2	7382	TGGATAATATGCCTGTAACG
DUSP6	7645	CATCGAGTCGGCCATCAACG
ZNF217	8929	GCGCAGACAGACTCTCCACA
MLLT3	7327	GGAATAAGTCATAATCAAAG

	Source
pLenti-A4GALT	this work
pLenti-UGCG	this work
pLenti-BGALT5	this work
pLenti-ARF1	this work
pLenti-LAPTM4A	this work
pLenti-TM9SF2	this work
pLenti-DUSP6	this work
pLenti-ZNF217	this work
pLenti-MLLT3	this work