

Table S1: sgRNA for editing SHMT

Species	Gene	Sequence
human	SHMT1	CATCTGCAATCTTCCGTAGC
human	SHMT1	TCAGGTGGCCCCATCCGGA
human	SHMT2	CAACCTCACGACCGGATCAT
human	SHMT2	TCTCAGGATCACTGTCCGAC
mouse	SHMT2	GCTGGAGGTTGGACGGGCCAG
mouse	SHMT2	TCTGCAGAAGCTCCCACATCT