

Table S1. DNA sequences of the primers used in this study.

Primer for plasmid construction via CRISPR (from 5' to 3')		
Primer name	Forward	Reverse
NoLSMT-KO	CGACACTCTctgatgagtcggtgaggacgaaacgagtaagctcg tcAGAGTGGGGGATGGGCTTAGg	AAAcTCTCACCCCCTACCCGAATCgacgagcttact cgtttcgtcctcacggactcatcagAGAGTG
Primer for mutants screening (from 5' to 3')		
Primer name	Forward	Reverse
NoLSMT-Test	TTGCTCACTCCTACACCACAGTC	GGATGTAGACGGCATACTTGGACTTG