

Table S5 Oligonucleotides used in this study.

Oligonucleotides used in a PCR reaction to generate DNA template for in vitro transcription of the Cas9 mRNA

Gene	Direction	Sequence (5' to 3')	Template
Cas9	F	TAATACGACTCACTATAGGGAGA CCACC	Px330 (Cong <i>et al.</i> 2013)
	R	ATGGACTATAAGGACCACGAC GCGAGCTCTAGgaattctaC	

Oligonucleotides used in a PCR reaction to generate DNA template for in vitro transcription of the Tet1 and Tet2 single guide RNA

sgRNA	Direction	Sequence (5' to 3')
sgRNA	R	AAAAGCACCGACTCGGTGCCACTTTTTCAAGTTGATAACGG ACTAGCCTTATTTTAACTTGCTATTTCTAGCTCTAAAAC
<i>Tet1</i>	F	TAATACGACTCACTATAG ggctgctgtcagggagctca gtttAagagctaTGCTGGAAAC
<i>Tet2</i>	F	TAATACGACTCACTATAG gaaagtccaacagatatcc gtttAagagctaTGCTGGAAAC

Oligonucleotide used as donor for HDR-mediated repair at the *Tet2* locus

Gene target	Sequence (5' to 3')
<i>Tet2</i> EcoRV to EcoRI	tcactctgtgactataaggctctgactctcaagtcacagaaacacgtgaaagtccaacaGAatTCcaggc tcagaatcggagaaccacgcccagctgcagagcctcaagcaaccaaagcaca

Forward and reverse primers used to produce DNA template for in vitro transcription of sgRNA and guide sequences for the 10 genes from the study

Name	Sequence (5' to 3')
sgRNA_F	gaaattaatacagactcactatagg(N20)gttttagagctagaaatagc
sgRNA_R	aaaagcaccgactcgtgccacttttcaagtgataacggactagccttatttaactgc tatttctagctctaaaac
<i>Cd69</i>	TTCTGAAAAC TTTCTATAA
<i>Cd226</i>	AAGTCCTGAGTCAGCGGCCA
<i>Clec16a</i>	GAGATGGTGATCATGAAGCT
<i>Cyp27b1</i>	CAACCAGTTGGGCATCGCCA
<i>Fut2</i>	ATGTAGCATATTCGCCCATC
<i>Ormdl3</i>	ACACGGGTGATGAACAGTCG
<i>Rgs1</i>	CGGCAGCCATCTCCATGCCA
<i>Tlr7</i>	ATTTACAGGTGTTTTCGATG

<i>Tlr8</i>	CGTCAGAATCCATGACTGAG
<i>Tnfsf9</i>	GCACTGACCGACCGTGGTAA