

Table S4 - CRISPR gRNAs

gRNA Name	Sequence
<i>TNFRSF1A</i> Intron Enhancer Deletion 5'	5'-ACCACCAGGACGGAATGTAG-3'
<i>TNFRSF1A</i> Intron Enhancer Deletion 3'	5'-TCCCCAGGAGTGGTGCTCAC-3'

Table S5 - Screening primers used to examine TNFRSF1A deletion region in iPSCs

Primer name	Sequence
<i>TNFRSF1A</i> Intronic Enhancer Deletion	F 5'-AAAGATTGGGGCGGTGTTTC-3' R 5'-ATCTCAGATGGGTGCTGTGG-3'
<i>TNFRSF1A</i> Intronic Enhancer 5' Het	F 5'-ACTTCCACAGATGCCTCACT-3' R 5'-ATCTCAGATGGGTGCTGTGG-3'
<i>TNFRSF1A</i> Intronic Enhancer 3' Het	F 5'-AAAGATTGGGGCGGTGTTTC-3' R 5'-CTAGCCTTGGCCAGCTCTAT-3'
<i>TNFRSF1A</i> Intronic Enhancer Deletion Internal	F 5'-AAGCACGTGAACTGACCCTA-3' R 5'-GAGGAGCACACCAGACTCTT-3'

Table S6 - Primers and probes used to examine deletion copy number in CRISPRCas9 edited cells by ddPCR

Region of Interest	Oligo	Sequence
<i>TNFRSF1A</i> Intronic Enhancer Deletion	F Primer R Primer Probe	5'-GGGTCATGAGTCAGCAGAAA-3' 5'-GGCCATAGGAAGAAGGGATTAG-3' 5'-CCTGCATGCAAGTGGGACTCCAT-3'
<i>RPP30</i> (Reference)	F Primer R Primer Probe	5'-GATTTGGACCTGCGAGCG-3' 5'-GCGGCTGTCTCCACAAGT-3' 5'-CTGACCTGAAGGCTCT-3'