

Supplementary Table 1

CRISP-Cas9	
gRNA for Tas2r	5'-AGTGTTTTTGATCCCAATAG-3'
gRNA for Tas2r	5'-TGGAAGTGAGCTCATCTACG-3'
Genotyping PCR	
Fw1	5'-AGGGGTCTTTCCAAGCACTC-3'
Rv1	5'-CCACCTGCTCTTTGAGGTTC-3'
Fw2	5'-CACACCTGGGGCTGCTTGGT-3'
Rv2	5'-TTGGCCAGGGCTCTCACTGC-3'
qPCR	
β -actin Fw	5'-CAGCTGAGAGGGAAATCGTG-3'
β -actin Rv	5'-TCTCCAGGGAGGAAGAGGAT-3'
Tas2r126 Fw	5'-GTGTGTGGGATTGGTCAACA-3'
Tas2r126 Rv	5'-GCTCCCGGAGTACTCAACC-3'
Tas2r135 Fw	5'-CCATCATGTCCACAGGAGAA-3'
Tas2r135 Rv	5'-TCAGTAGTCTGACATCCAAGAACTGT-3'
Tas2r143 Fw	5'-CAGGCATCTTTTTGAACTCCA-3'
Tas2r143 Rv	5'-TCTTCAGGGCCTTTCTCAGT-3'