

ESM Table 1. Sequence information for conventional PCR primers.

Gene	Product Size (bp)	Upstream Primer	Downstream Primer	Annealing Temp (°C)	Ref
<i>hGNAT3</i>	386	5'-tctgggtatgtgccaaatga-3'	5'-ggcccagtgattctggaaa-3'	50	*1
<i>hTAS2R3</i>	1227	5'-aagagacaggtacagtgaagcaaca-3'	5'-cagtcagtggttctctctactgat-3'	55	[47]
<i>hTAS2R4</i>	1179	5'-ctgttcagtcctgctgaagacaga-3'	5'-gacatagtattgggtttgatccgt-3'	55	[47]
<i>hTAS2R5</i>	1169	5'-ctgttcagtcctgctgaagacaga-3'	5'-gacatagtattgggtttgatccgt-3'	55	[47]
<i>hGAPDH</i>	226	5'-gaaggtgaaggtcggagtc-3'	5'-gaagatggtgatggatttc-3'	50	*2
<i>hGNAT3</i>	127	5'-aatccagaagtgcagagga-3'	5'-aggcctgaattcctggatct-3'		*1
<i>hTAS2R3</i>	136	5'-tgctcccttaattgtgtcc-3'	5'-attctgatggccctcttg-3'		*3
<i>hTAS2R4</i>	111	5'-aaaatgccactggttctgg-3'	5'-ggaccagggtagcaactgaa-3'		*4
<i>hTAS2R5</i>	108	5'-gagtctctggtgcctctgg-3'	5'-ggataccgaatgctgctgtt-3'		*5
<i>hGAPDH</i>	87	5'-tgcaccaccaactgcttagc-3'	5'-ggcatggactgtggtcatgag-3'		*2

*1 *Homo sapiens GNAT3* (Gagust), mRNA: XM_294370

*2 *Homo sapiens GAPDH*, mRNA: XR_018331

*3 *Homo sapiens TAS2R3*, mRNA: NM_016943

*4 *Homo sapiens TAS2R4*, mRNA: NM_016944

*5 *Homo sapiens TAS2R5*, mRNA: NM_018980