

S4 Table. PCR and sequencing primers used in this study.

Locus		Position in the Mac2 genome	Forward Primer		Reverse Primer		Annealing Temperature
			Name	Sequence	Name	Sequence	
<i>TAS2R38</i>	PCR	chr3:179,407,166-179,408,167	Mm-TAS2R38-F	5'-GCCAACTAGAGAAGAGAAGTAGA-3'	Mm-TAS2R38-R	5'-GACTCACAGGCGTATTAAGG-3'	56 °C
	Sequencing		Mm-TAS2R38_inner-F	5'-CAGCCTGCTCTACTGCTCCAA-3'	Mm-TAS2R38_inner-R	5'-AGTCTGCCAAAAAAGCACCAAA-3'	-
<i>TAS2R38_5'-flanking</i>	PCR	chr3:179,407,123-179,413,514	TAS2R38_5'-flanking-F	5'-TGTCTCGCTGTTCTAGGAAT-3'	Mm-TAS2R38-R	5'-GACTCACAGGCGTATTAAGG-3'	60 °C
	Sequencing		chr3-179408908-F	5'-CTTCATGACCCAGTGCTAGT-3'	chr3-179408140-R	5'-CAGTGCAGACGTGAGTTAGA-3'	-
	Sequencing		chr3-179409668-F	5'-TTGGAGTCTCTGTGCCACT-3'	chr3-179408769-R	5'-GTTCCCTTCCATGTGTGCTAGT-3'	-
	Sequencing		chr3-179410245-F	5'-GCAAGGGATACGATTCATAG-3'	chr3-179409440-R	5'-GTTTCCCAATTCCTTACTC-3'	-
	Sequencing		chr3-179410964-F	5'-TAGCCTGAATTTTCCAGAG-3'	chr3-179410226-R	5'-CTATGAATCGTATCCCTTGC-3'	-
	Sequencing		chr3-179411606-F	5'-GACTGGGTGAGGAATATCAA-3'	chr3-179410873-R	5'-TGGCCTTCCAATATTTCTAA-3'	-
	Sequencing		chr3-179412332-F	5'-TCTGACTCCCAGGTTTCATAC-3'	chr3-179411582-R	5'-TGCTCTTGATATTCCTCACC-3'	-
	Sequencing		chr3-179412873-F	5'-CTGTCAAGCTAACGAAGACC-3'	chr3-179412183-R	5'-TTCAGTAATCGAGACCATCC-3'	-
<i>TAS2R38_3'-flanking</i>	PCR	chr3:179,402,038-179,408,214	Mm-TAS2R38-F	5'-GCCAACTAGAGAAGAGAAGTAGA-3'	TAS2R38_5'-flanking-R	5'-CAAGAAATCTGCCCTCATAG-3'	61 °C
	Sequencing		chr3-179407176-F	5'-CACTGTGCTGAGAATGGATA-3'	chr3-179406340-R	5'-GAGAATGCCAAATCTCTACAA-3'	-
	Sequencing		chr3-179406474-F	5'-GTGTGGACTTTCTGGCTATG-3'	chr3-179405808-R	5'-GGGCATCTAGAAGAGTGGAT-3'	-
	Sequencing		chr3-179405797-F	5'-GAGATGGAGCATCTTTTCAT-3'	chr3-179405141-R	5'-ACAACCTAATGTAACAGTTGTG-	-
	Sequencing		chr3-179404909-F	5'-TACAATGCTTGTGCTTTTG-3'	chr3-179405010-R	5'-CAATGCATATATCAGACAAAGG-3'	-
	Sequencing		chr3-179404567-F	5'-TTTGGATTATGGTAGATTACTGG-3'	chr3-179404589-R	5'-TGGACAAATAGATCACTGGA-3'	-
	Sequencing		chr3-179404018-F	5'-TCAGATGTAAAAAGCCCATT-3'	chr3-179404189-R	5'-GGGCATATGTATGGAGAAAG-3'	-
	Sequencing		chr3-179403523-F	5'-TTCATGAAGTTTGCTTTT-3'	chr3-179403269-R	5'-TTGATGAATCACTGGCTAGA-3'	-
	Sequencing		chr3-179403082-F	5'-CTTTACGTTTCTGCTCAAC-3'	chr3-179402324-R	5'-TACAGCAATGCAAGAATGAC-3'	-
<i>IGS03</i>	PCR and Sequencing	chr2:5,175,371-5,176,134	Mm-IGS03-F	5'-TGCTCTACCTGTGCGAATTG-3'	Mm-IGS03-R	5'-ATGAATTGTTCAACCCCAAA-3'	60 °C
<i>IGS05</i>		chr3:14,376,060-14,376,727	Mm-IGS05-F	5'-TGGCAGCCAGTCTTCTTT-3'	Mm-IGS05-R	5'-CACCTAGGGCCACTGAAT-3'	60 °C
<i>IGS09</i>		chr4:141,712,948-141,713,707	Mm-IGS09-F	5'-TCCTTCTCCAACAGACCAGA-3'	Mm-IGS09-R	5'-CCACCAGGCTCCTCTCATT-3'	60 °C
<i>IGS13</i>		chr7:101,026,368-101,027,162	Mm-IGS13-F	5'-CCGGTGCAGCTAATGTCTTT-3'	Mm-IGS13-R	5'-TGGCCATGTAATGAGTTCCA-3'	60 °C
<i>IGS15</i>		chr8:98,384,350-98,385,056	Mm-IGS15-F	5'-TGGTTTGACAGGTGACTGC-3'	Mm-IGS15-R	5'-ATGGTGACTCACTGCTTGA-3'	60 °C
<i>IGS19</i>		chr10:71,411,234-71,411,886	Mm-IGS19-F	5'-AGATGTGAGCCTGAGCCTGT-3'	Mm-IGS19-R	5'-GCTGAAGCAGAACCAGAAC-3'	60 °C
<i>IGS21</i>		chr11:99,301,129-99,301,881	Mm-IGS21-F	5'-GGGAAGTGCCTGATTGCAT-3'	Mm-IGS21-R	5'-CCCCTTCATCTTCTCCTTC-3'	60 °C
<i>IGS25</i>		chr16:26,856,824-26,857,539	Mm-IGS25-F	5'-GCCATAAAGCACACTGCTCA-3'	Mm-IGS25-R	5'-CATTGAGCTTTTGCAGTGA-3'	60 °C
<i>IGS27</i>		chr20:17,422,254-17,422,968	Mm-IGS27-F	5'-GGGGTAGAGGGAACATGGAT-3'	Mm-IGS27-R	5'-GGGGTCTTTTGGGGTATGT-3'	60 °C