

Gene	Primer sequence (forward and reverse, 5' – 3')	Expected fragment size [bp]	
		cDNA	gDNA
<i>Medtr4g006630.1</i>	CGTTTTTCAAATCTGGTTGG TGAGCACCAGAAATGTGACC	183	no product
<i>Medtr4g006630.1 (2)</i>	TTTTTCGTAAAGGTTTCAAAGTGT ATGCAGCAAATGAAATCGTG	243	612
<i>Medtr4g006650.1*</i>	AAGAGAAGGCTGCACCTGAA (for) CCTCTGCACAAGCTTCACAA (rev1) TTCAGTTGAATATGGCCAAGC (rev2)	96/194	198
<i>Medtr4g006660.1</i>	GGTTGGAGCTGAGTTTATAGGC CCTCCAAGTCCTTCATTTC	218	218
<i>Medtr4g006670.1</i>	TGGTGCTCTACATAAGTTCCAATC GGGGCAGAAGAGGCTTTTAC	108	319
<i>Medtr4g006730.1**</i>	GGTTGGAGCTGAGTTTATAGGC TTTTTCCAGGGGAAGTGTTTT	225	225
<i>Medtr4g006730.2</i>	AGAGCTGTGGGAGAACTTGC TGAGGAGTGAAAGTTGGAACA	92	no product
<i>MtActin</i>	ATGTTGCTATTCAGGCCG GTCATAGTCAAGGGCAAT	Previously described [34]	
<i>Mt730probe</i>	TGATTAGAGTATGGACAATGAGGAA CTTTTTGGCAAGAGGGACAG	-	238
<i>Mt730promoter</i>	CCACTTTACGCCACTTAACG GCTCCATCTTCCAAAGTCCA	-	1304

*Also specific for similar gene on chromosome 3;

**Also specific for 630.1 and 730.2.

Additional file 3