

Additional file 4. Sequences of primers used for expression analysis.

Gene	NCBI accession number	Primer sequences	Product size
<i>NRAMP1</i>	AY196091	F: CACTCTGCCCTTGTACTATC R: GTACCAGACACAGACACAAC	142
<i>NRAMP2</i>	AY562196	F: GGAGCTTTTAGCAGGTCTCT R: GATCTCTCTGGATTGCACCA	133
<i>NRAMP3</i>	AY196092	F: TGTTTGGAGAGACGAAACCA R: ACACCCTACAATTCCCCTG	104
<i>IRT1</i>	AF136579	F: TCCTACAGGCGGAGTATAAG R: CAGTTATTAACGCCCGTGGA	138
<i>FRO1</i>	AY224079	F: CTCTACCAGATGATCTCCTCC R: GAGTAATTCCACTTCCTCCAC	135
<i>NbABC</i>	AY943856	F: TCCACTGTGCAGAACTGGTATG R: TGACCCTGTCTCCACTTGTG	129
<i>Chln</i>	AJ242045	F: GGTGCCTATGTGTTACCTAG R: CTCACTCACTCCTCCAGAG	106
<i>FER</i>	AF437878	F: GCAACAAAG GCGCACACATTG R: CCAACGGAGATGTCTCGAAGTC	228
<i>bZIP44</i>	FJ647190	F: ACAGTGGACTTGTCTATGGACC R: TGCAAGACATCGGCAGTC	141
<i>NR</i>	U38666	F: GCTCGATGTAAAAATCCGATGG R: CACTGA ACTACTACTCCACG	101
<i>ETR1</i>	NM_001247220	F: TCTAAGCTCCCCTTTGTGAC R: CATCCAAGGTGTGTAAGCAG	134
<i>ACO1</i>	NM_001247095	F: CTAACGGGAAGTACAAGAGTGTG R: TCCTCTGCCTCTTTTTCAACC	151
<i>ACO3 (E8)</i>	XM_004247652	F: GCTGCAAGTTGGAGAGACAC R: CCTCTGCCACTGAGCTACT	134
<i>ACO4</i>	NM_001246999	F: TGACGCGGTGATCTATCCA R: CCACATTAGCTTCCATAGCCT	158
<i>ACO5</i>	AJ715790	F: TCTTTGTTTGGCATCGTCCA R: CTAGGCCAAGGTTCTCACAC	147
<i>ACO6</i>	NM_001247709	F: GCTCACACAGATGCTGGTG R: GAGTTGGTCACCGAGGTTG	138
<i>PMEU1</i>	U70677	F: GTGGCCGGAGTGGTTGTCCG R: CGCAGAGTGCCACGGCTTGA	395
<i>EXP8</i>	AF184232	F: GGAGGTGCTTGTGGATATG R: CCTTTTTGCACCATTGAGG	154
<i>EXP18</i>	AJ004997	F: GTTGGAGGTGAAAGGGGAAG R: CGGGCTACATGTTTTTGCAG	118
<i>uJ-2</i>	X55686	F: GGAACCAAACCATCACCAC R: CGTAGGAGACTCCGATTACC	197
<i>THT7-1</i>	AY081906	F: CTCAACAACCAACTCCATCTC R: TCAAGTAGA AGTACGGATGG	264
<i>THT7-8</i>	AY081907	F: GCATCATCGGAAAACAACAAC R: TCAAGTAGA AGTACGGATGG	223
<i>XTH1</i>	NM_001246929	F: TGAGGCTTGTGGTGGAGAC R: CTCTGTTTCCTTTTCCTCCTGTG	162

<i>XTH3</i>	NM_001247543	F: GTCATCACAAGGACCAACAC R: TGGAAATCAGCAGTAGGGTC	156
<i>XTH7</i>	NM_001245746	F: GGAACCATCATCAAGCCGTG R: CTCTTGTAGCCCAGTCGTCAG	147
<i>iXET-B1</i>	X82685	F: CTATGTCCTGTTTGGGCTGA R: CAAGGGACAAGGCGAGAAG	106
<i>Cel 2</i> <i>AAA69909</i>	U13055	F: GAAAGCTACGGCGAGAGATGG R: ACATCGGAACCGGGATTATTCG	141
<i>Cel 5</i> <i>AAC62241</i>	U78526	F: GGTTCTGATGTTGCTGCTGAG R: GCAGACCACTGAACTGAGACTG	171
<i>Cel 7</i> <i>CAA72133</i>	AF308936	F: GAGCTATATTGGGGAGCAGC R: GTCATTTCCTACCACGCTTCTCC	168
<i>CyP</i>	NM_001247559	F: CTCTTCGCCGATACTACTCC R: TCACACGGTGGAAGGTTGAG	120
