

Table S1. Primer sequences

Gene	Genebank accession number	Forward	Reverse	Reference
<i>EF1a</i>	NM_001247106.1	GACAGGCGTTCAGGTAAGGA	GGGTATTCAAGCAAAGGTCTC	[50]
<i>NRT1.1</i>	X92853	TACTATTCAAGCTATGGGTGTTACG	ATTTGTCCTCTTTCTTTTTGTCCG	[69]
<i>NRT1.2</i>	X92852.1	CCTGAGACACAAAATGATGC	AGTCACCAAGTTTACAGCAA	[50]
<i>NRT2.1</i>	AF092705	TTCCTGTTACATTTTGTCAATTTCCC	CAGATTCAAGACTATCCATTCTCA	[69]
<i>NRT2.2</i>	AF092704	TCAAGGGAACGGAAGAACATTATTA	GCTCATTGAACTAAAGATTGACGAT	[69]
<i>NRT2.3</i>	AY038800	AATGCATGGTGTACTGGTAGAGAG	CTAATAATAGGGACTAAAGGGGCTG	[69]
<i>NR</i>	X14060.1	TGGTTTCAATTGGGGTGCTG	ACTTTGAACCACCACCTCCA	[50]
<i>NiR</i>	AB211188.1	GCGTATATGCCTGCAACCAA	GTTTTCTGCCTGTTCCCTCG	[50]
<i>GS1</i>	AF200360.1	ATTGGCGGTTTTCTGGCCC	ACTGTCCCGGCATGACTTCACC	[68]
<i>GOGAT</i>	XM_004234782.3	ACAGAGGTCAAAAGGCGAGT	CTTCCCTTGTGCTGCCATAC	[50]
<i>GDH</i>	U48695.1	AGCACGACAATGCACGAGGG	ATATTGGCGACCGCTGTCTTCC	[68]
<i>ASN1</i>	NM_001319849.1	TGCTCGATACTTGCTGGAA	GCATCAATCCCGTCCTGAAC	[50]
<i>PK1</i>	SGN-U579698	AGAATGGGTTTAGGAGTAC	GTGGATCAAATGCACGAAC	[70]
<i>PEPC1</i>	AJ243416.1	TGTGAACCTGAACCCGACT	GTCCCCTATTCGGGACTTC	[70]
<i>GSH</i>	NM_001247085.2	CCTGGTGTTGATATGGTTCA	AAAGGATCAGCTTTTCTCGT	[50]
<i>SOD CI</i>	NM_001247102.1	ACAGGACCACATTACAATCC	ACAACAGCTCTTCCAATGAT	[50]
<i>SOD Ct</i>	NM_001247840.1	ACCAGCACTACCAATTCTTT	AGTAAGGGGTTTAGGGGTAG	[50]
<i>LAX1</i>	NC_015446.2	CAGAAGCAAGCAGAGGAAGC	GAACCAAGCATCCCAAGCAG	
<i>LAX2</i>	NM_001247746.1	GTTTCGCTTGACACCATTTG	AACGGTGAAGCTAACGAGGA	
<i>LAX3</i>	HQ671070.1	TGAAGCACTCAGGACCAACA	AGCCCAATACACTGCACTTG	[50]
<i>LAX4</i>	NM_001247759.1	GTCTACTGGGCATTTCGAGA	CCAGACAAAGTACAAGGGCG	[50]
<i>PIN3</i>	NC_015441.2	TTCAAAAATCAATTTAGCGTGTCA	CTCAAAAATCCCTCTTGTTCG	[50]
<i>PIN4</i>	NM_001247255.1	AAAGAGGGACCCACTGGACT	TCATAACACTAGCCGGAGGC	[50]