

Table S5. Primer Sequences.

Gene Symbol	Gene Name	Accession Number		Primer Sequence (5' → 3')	T _m (°C)	Amplicon Size
<i>ACTB</i>	Beta-actin	NM_001009784.3	Fwd	CCACCGCAAATGCTTCTAGG	60	79
			Rev	CGTTTTCTGCGCAAGTTAGG		
<i>ADAM10</i>	A Disintegrin and metalloproteinase domain-containing protein 10	XM_004010565.4	Fwd	TGTGCCAGTTCTGATGGCAA	60	103
			Rev	TCCACTGCACAGACCCTGTA		
<i>ADAM17</i>	A Disintegrin and metalloproteinase domain-containing protein 17	XM_004005676.4	Fwd	ATGGCAAGTGTGAGAAGCGA	60	117
			Rev	GGACGGAACCGACGATGTTA		
<i>ATP2B4</i>	Plasma membrane calcium-transporting ATPase 4	XM_027976182.1	Fwd	TTGACAGCGGAAGGAGAGC	60	117
			Rev	CGTGGATCTTGCGGGAGTT		
<i>CYP24</i>	Cytochrome P450 Family 24 Subfamily A Member 1	XM_027976458.1	Fwd	AACGGTGGCTTCAGGACAAG	60	82
			Rev	CGACCCACGCACATTCTTTT		
<i>FGFR1</i>	Fibroblast growth factor receptor 1	XM_027962628.1	Fwd	ACAAGATGAAGAGCGGCACA	60	107
			Rev	GTCGGCTGACACTGTTACCT		
<i>FGFR2</i>	Fibroblast growth factor receptor 2	XM_027960356.1	Fwd	CCTGCGGAGACAGGTAACAG	60	137
			Rev	GCAGCTCATACTCGGAGACC		
<i>GAPDH</i>	Glyceraldehyde-3-phosphate dehydrogenase	NM_001190390.1	Fwd	GGGCAGCCCAGAACATCAT	60	112
			Rev	CCAGTGAGCTTCCCGTTTCAG		
<i>KL</i>	Klotho	XM_004012279.4	Fwd	GCCTGCACATAGGGGACTTT	60	120
			Rev	CTCCAGCCACTGCGCTATAA		
<i>PTHRP</i>	Parathyroid hormone-related peptide	XM_004006756.3	Fwd	CCTAGTTCGCAAAGAAGCTGAC	60	71
			Rev	GCAGGGCTAACTCCTTCCTA		
<i>SDHA</i>			Fwd	CATCCACTACATGACGGAGCA	60	90

	Succinate dehydrogenase complex flavoprotein subunit A	XM_027980212.1	Rev	ATCTTGCCATCTTCAGTTCTGCTA		
<i>SLC20A1</i>	Solute carrier family 20 member 1	XM_004005910.4	Fwd	TGTGGTCTTCTATAAAAGGTGCG	60	121
			Rev	TCCATGGCGGAGAAGAGAAAG		
<i>SLC20A2</i>	Solute carrier family 20 member 2	XM_027962670.1	Fwd	GAGGAGGTACCGATGCGAG	60	119
			Rev	TTGCCTCATGACTGAGGTCG		
<i>S100G</i>	S100 calcium-binding protein G	XM_004021937.3	Fwd	GCAGCCAAAGAAGGTGATCC	60	73
			Rev	TGGGGAATTCCGTCTGAAGC		
<i>S100A9</i>	S100 calcium binding protein A9	XM_012181723.2	Fwd	AGGGTCAAAGGAAGCTTGACA	60	88
			Rev	TTTGTGACAATTGGTCCGCC		
<i>STC1</i>	Stanniocalcin 1	XM_004004182.4	Fwd	ACAAGATGGCGACCAACAAA	60	104
			Rev	AGTGACGCTCCTAAGGGACT		
<i>STC2</i>	Stanniocalcin 2	XM_027979996.1	Fwd	GGTGTTTTCCCCCGAGACAT	60	96
			Rev	GAAACAAAGCAGCGGCATGA		
<i>TRPV6</i>	Transient receptor potential cation channel subfamily V member 6	XM_004008129.4	Fwd	TTTGCGCGAGGATTCCAGAT	60	90
			Rev	CATCAGCCAGCAGAACCTCA		
<i>TUB</i>	Alpha-tubulin	XM_027967380.2	Fwd	GGTCTTCAAGGCTTCTTGGT	60	94
			Rev	CATAATCGACAGAGAGGCGT		
<i>VDR</i>	Vitamin D receptor	XM_027967403.1	Fwd	AGTTCGCAAGGATGAGGACG	60	84
			Rev	CAGGAGGACGACGAGTTTCC		