

Supplemental Table1: Primer sequences of RT-PCR

Specificity	Gene	Forward (5' to 3')	Reverse (3' to 5')
Mouse	<i>Fgf23</i>	CCC CCA TCA GAC CAT CTA CAG TGC	GAA GTG AAG CGA TCC AAA AAT GTT
	<i>Runx2</i>	GGA GCG GAC GAG GCA AGA GTT TCA	CGG GGA CCG TCC ACT GTC ACT TTA
	<i>Osx</i>	GAT GGC GTC CTC TCT GCT TGA	CAG CGT ATG GCT TCT TTG TGC
	<i>Alp</i>	GCT GGT GGA AGG AGG CAG GAT TGA	GGG AGC CAG ACC AAA GAT GGA GTT
	<i>Opn</i>	CCA GGT TTC TGA TGA ACA GTA TCC	CAT CGA GGG ACT CCT TAG ACT CAC
	<i>Col1a</i>	GTC CTT CTG GTC CTC GTG GTC TC	CCA GCT TCC CCA TCA TCT CCA TT
	<i>Osc</i>	ACA CCA TGA GGA CCA TCT TTC TGC	CCT GCT TGG ACA TGA AGG CTT TGT
	<i>Dmp1</i>	TGT GCT CTC CCA GTT GCC AGA TAC C	CTG CTG TCC GTG TGG TCA CTA TTT G
	<i>Sost</i>	CCC GAG CCT CCT CCT GAG AAC AAC	CGG ACA CAT CTT TGG CGT CAT AGG
Rat	<i>Fgf23</i>	CGG AAC ACC CCA TCA GAC TAT CT	AGC CGT TCT CTA GCG TCC ACT GG
	<i>Runx2</i>	GGA GCG GAC GAG GCA AGA GTT TCA	CGG GGA CCG TCC ACT GTC ACT TTA
	<i>Osx</i>	TCC CTA TCC AGC ACC CCA CCT CTT	CTC CCC TCC AGT TGC CCA CTA TTG
	<i>Alp</i>	GCT AGT GGA AGG AGG CAG GAT TGA	GGG AGC CAG ACC AAA AAT GGA GTT
	<i>Opn</i>	GTC CTT CAC TGC CAG CAC ACA AGC	GGC ATC GGG ATA CTG TTC ATC AG
	<i>Col1a</i>	CGG AAT GAA GGG ACA CAG AGG TT	ACC GAC AGC ACC ATC GTT ACC AC
	<i>Osc</i>	CTG CAT TCT GCC TCT CTG ACC TG	GCT GGG GCT CCA AGT CCA TTG TT
	<i>Dmp1</i>	CGC ATC CCA ATA TGA AGA CTG TTA T	ACT GAG CCA AAT TGC CCG TCC TCT C
	<i>Sost</i>	ACC GAG TGC CCT TCC TCC TTC	ACC CCT GGC TCT CCA CAG CAA