

Supplementary Table S1:**Primer sequences used for qPCR**

Primer	Sequence 5'-3'	Accessionnumber
PBGD	TgCAgTTTgAAATCATTgCTATgTC	ENSG00000113721
	AACAggCTTTTCTCTCCAATCTTAga	
Cathepsin K	CCATATgTgggACAggAAgAgAgTT	ENSG00000143387
	TgCATCAATggCCACAgAgA	
Cathepsin L	CgAACTCTgCTggCCTTgA	ENSG00000135047
	AAAggCAgCAAggATgAgTgTAg	
Cathepsin S	CTgggAgACATgACCAgTgAAg	ENSG00000163131
	gCAATATCCgATTAgggTTTgACT	
TRAcP	CACAATCTgCAGTACCTgCAAAT	ENSG00000102575
	CCCATAgTggAAgCgCAGATA	
RANK	CCTggACCAACTgTACCTTCCT	ENSG00000141655
	ACCgCATCggATTTCTCTgT	