

Supplemental Table 3 Primer Sets for QRT-PCR and Mice Genotyping	
Target gene	Oligonucleotides (5'-3')
homo TNF- α -F	CCTCTCTCTAATCAGCCCTCTG
homo TNF- α -R	GAGGACCTGGGAGTAGATGAG
homo IL-17A-F	CTCATTGGTGTCACTGCTA
homo IL-17A-R	CGGTTATGGATGTTTCAGGTT
homo GAPDH-F	TGCACCACCAACTGCTTAGC
homo GAPDH-R	GGCATGGACTGTGGTCATGAG
mus ACTB-F	CCTCTATGCCAACACAGTGC
mus ACTB-R	ACATCTGCTGGAAGGTGGAC
mus CTSK-F	AAGTGGTTCAGAAGATGACGGGAC
mus CTSK-R	TCTTCAGAGTCAATGCCTCCGTTT
mus MMP9-F	CTTCTGGCGTGTGAGTTTCCA
mus MMP9-R	ACTGCACGGTTGAAGCAAAGA
mus RANKL-F	TGTACTTTTCGAGCGCAGATG
mus RANKL-R	AGGCTTGTTTCATCCTCCTG
mus COL2a-F	GACCTGCCGGTGAACAAG
mus COL2a-R	GGTACCAGGTTCTCCATCTCT
mus ACAN-F	CAGAAGGGTCAGGAGAAACAG
mus ACAN-R	GCATGTGAAAGTGTCCAAGG
mus IL-1 β -F	AAGGGCTGCTTCCAAACCTTTGAC
mus IL-1 β -R	ATACTGCCTGCCTGAAGCTCTTGT
mus IL-6-F	GAGAAAAGAGTTGTGCAATGGC
mus IL-6-R	CCAGTTTGGTAGCATCCATCAT
mus CXCL1 -F	AGAACATCCAGAGCTTGAAGG
mus CXCL1 -R	CAATTTTCTGAACCAAGGGAGC
mus TNF- α -F	GCCACCACGCTCTTCTGTCT
mus TNF- α -R	ACTCCAGCTGCTCCTCCACTT
mus IL-17A-F	CTCAGACTACCTCAACCGTTCC
mus IL-17A-R	CATGTGGTGGTCCAGCTTTCC
Sigirr-F1	AGTCATCTATGTTTCGGGTTCG
Sigirr-R1	TCATACTCCCAACCAGGAGGG
Sigirr-F2	AGACTGGCTGTGCATCTTGGAG