

Table S1. Primers used in this study.

Primer name	Sequences (5'-3')
<i>bmp6</i> -gRNA1-F	TAATACGACTCACTATAGGAAGAGATTCTGTCCATACGTTTTAGAGCTAGAAATAGC
<i>bmp6</i> -gRNA2-F	TAATACGACTCACTATAGGCCCAACTTCATACATCGGGTTTTAGAGCTAGAAATAGC
<i>bmp6</i> -gRNA3-F	TAATACGACTCACTATAGGCAGGTAGTAGTTCTGTACGTTTTAGAGCTAGAAATAGC
sgRNA Scaffold Primer	AAAAGCACCGACTCGGTGCCACTTTTTCAAGTTGATAACGGACTAGCCTTATTTTAACTTGCTATTTCTAGCTCTAAAAC
<i>bmp6</i> - mutant screening-F	CACCCTCATCATCATCACCAC
<i>bmp6</i> - mutant screening-R	CAGCATGAAGAGGGGTGCTG
<i>fos</i> -qPCR-F	ACTGGGAGCCACTCTACACA
<i>fos</i> -qPCR-R	AGTGAGGAGGGTTGGGGAAT
<i>bhmt</i> -qPCR-F	GAGAGGATACGTGAAGGCCG
<i>bhmt</i> -qPCR-R	TGCATGACATTTGACCCGGA
<i>card11</i> -qPCR-F	GCACGATACCGAGCTACTCC
<i>card11</i> -qPCR-E	TAGCTCTCGACAGACGTGGA
<i>ctgf</i> -qPCR-F	ATGGGTAGTGGCTCAGGAGT
<i>ctgf</i> -qPCR-R	TCGCAAACATCTCGCTCTGT
<i>metk</i> -qPCR-F	CCTCTCGTGCTGTAGTGGAC
<i>metk</i> -qPCR-R	CAAGGTGAACCCCTTGAGCA
<i>igh</i> -qPCR-F	GTACGCTGATGTGCAATGCT
<i>igh</i> -qPCR-R	TTCTGCGTGTTCAACTGTGC
<i>irak4</i> -qPCR-F	GCCCAACGGATCTCTACTGG
<i>irak4</i> -qPCR-R	CGTCAAACCGAAGTCGGAGA
<i>got1</i> -qPCR-F	TTAGGCCTGCCAGAGTTTCG
<i>got1</i> -qPCR-R	TTCCATTGTACCAACGGCGA