

Supplementary information, Table S1: Primer and sgRNA information

Primer name	Primer sequences
genotyping human <i>BMP4</i> Forward	5'-cccagagacaccatgattcc-3'
genotyping human <i>BMP4</i> Reversed	5'-cccagagacaccatgattcc-3'
genotyping human <i>BMP7</i> Forward	5'-ccctgcgtgtatctctttgtag-3'
genotyping human <i>BMP7</i> Reversed	5'-gggaagcctgtttgtagttaa-3'
sgRNA name	sgRNA sequences
<i>BMP4</i> sgRNA1	5'-gaaaaaagtcgccgagattc-3'
<i>BMP4</i> sgRNA2	5'-cacgcgggaggacgccgctc-3'
<i>BMP7</i> sgRNA1	5'-gctcgacagccgtaccctct-3'