

# **SUPPLEMENTAL MATERIAL**

**Table S1. The promoter sequences used in luciferase assays.**

<p>BMP2-LUC (full length) 2280bp</p>	<p>TAATTTCCCTCTGTGGGTTGCTAATCCGATTTAGGTGAAC  GAACCTAGAGTTATTTTAGCTCCCCGACTGAAAAGCTAG  CACACGTGGGTAAAAAATCATTAAAGCCCCTGCTTCTG  GTCTTTCTCGGTCTTTGCTTTGCAAACCTGGAAAGATCTG  GTTTACAACGTAACGTTATTTACTCTGGTCTTCTACAGG  AATGCTCAGCCATAGTTTTGGGGGTCCTGTGGGTAGCC  AGTGGTGGTACTATGAAGGCTCCTGAATGTAGGGAGAAA  TGGAAAGATTTCAAAAAGAATCCTGGCTCAGCAGCTTT  GGGGACATTTCCAGCTGAGGAAGAAAACCTGGCTTGGCC  ACAGCCAGAGCCTTACTGCTGGAGACCCAGTGGAGAGA  GAGGACCAGGCAGAAAATTTCAAAGGTCTCAAACCGGAA  TTGTCTTGTTACCTGACTCTGGAGTAGGTGGGTGTGGAA  GGGAAGATAAATATCACAAGTATCGAAGTGATCGCTTCT  ATAAAGAGAATTTCTATTAACCTCTCATTGTCCCCTCACAT  GGACACACACACACACACACACACACACACACACACAT  CACTAGAAGGGATGTCCACTTTACAAGTGTGTATCTATGT  TCAGAAACCTGTACCCGTATTTTTATAATTTACATAAATAA  ATACATATAAAATATATGCATCTTTTTATTAGATTCATTTAT  TTGAATATAAATGTATGAATATTTATAAATGTAATAATGC  ACTCAGATGTGTATCGGCTATTTCTCGACATTTTCTTCTC  ACCATTCAAACAGAAGCGTTTGCTCACATTTTGGCAA  AATGTCTAATAACTTGTAAGTTCTGTTCTTCTTTTAAATGT  GCTCTTACCTAAAACTTCAAACCTCAAGTTGAATATTGG  CCCAATGAGGGAACCTCAGAGGCCAGTGGACTCTGGATT  TGCCCTAGTCTCCCGCAGCTGTGGGCGCGGATCCAGGTC  CCGGGGGTTCGGCTTTCACACTCATCCGGGACGCGACCCC  TTAGCGGCCGCGCGCTCGCCCCGCCCCGCTCCACCGCG  GCCGCCCGTAGGGCGCGCCGTCCACACCCCTGCGCGC  CGTCCCGCCCGCCGGGGATCCCCGGCGCGCTGCGCCT  CCGAGGGGGAGGTGTTTCGGCCACGGCCGGGAGGGAGC  CGGCAGGCGGCGTCTCCTTTAAAAGCCGCGAGCGCCGC  GCCACGGCGCCTCCGTCGTCGCCGCCGAGTCCTCGCC  CTGCCGCGCAGAGCCCTGCTCGCACTGCGCCCGCCGCC  GCTGCGCTTCCCACAGCCCGCCCGGGATTGGCAGCCCC  GGACGTAGCCTCCCCAGGCGACACCAGGCACCGGACGC  CCTCCCGGGCGAAAGACGCGAGGGTACCCCGCGGCTTCG  AGGGACTGGCACGACACGGGTTGGAACCTCAGACTGTG  CGCGCCTGGCGCTGTGGCCTCGGCTGTCCGGGAGAAGC  TAGAGTCGCGGACCGACGCTAAGAACCAGGGAGTCCGGA  GCACAGTCTTACCCTCAATGCGGGGCCACTCTGACCCAG  GAGTGAGCGCCCAAGGCGAGCGGGCGGAAGAGTGAGT  GGACCCAGGCTGCCACAAAAGACACTTGGCCCGAGGG</p>
--	---

	<p>CTCGGAGCGCGAGGTCACCCGGTTTGGCAACCCGAGAC  GCGCGGCTGGACTGTCTCGAGAATGAGCCCCAGGACGC  CGGGGCGCCGCAGCCGTGCGGGCTCTGCTGGCGAGCGC  TGATGGGGGTGCGCCAGAGTCAGGCTGAGGGATGCAGA  GTGGCGGCCCGCCCGCCACCCAGATCTTCGCTGCGCCCT  TGCCCGGACACGGCATCGCCACGATGGCTGCCCCGAG  CCATGGGTGCGGGCCAGCTAACGCAGAACGTCCGTCC  CTCGCCCGGCGAGTCCC GGAGCCAGCCCCGCGCCCCGC  CAGCGCTGGTCCCTGAGGCCGACGACAGCAGCAGCCTT  GCCTCAGCCTTCCCTTCCCGTCCCGGCCCCGCACTCCTC  CCCCTGCTCGAGGCTGTGTGTCAGCACTTGGCTGGAGA  CTTCTTGAAC TTGCCGGGAGAGTGACTTGGGCTCCCCAC  TTCGCGCCGGTGTCTCGCCCGGCGGATCCAGTCTTGCC  GCCTCCAGCCCGATCACCTCTCTTCCTCAGCCCGCTGGG  CCCACCCCAAGACACAGTTCCCTACAGGGAGAACACCC  GGAGAAGGAGGAGGAGGCGAAGAAAAGCAACAGAAG  CCCAGTTGCTGCTCCAGGTCCCTCGGACAGAGCTTTTTTC  C</p>
<p>B271-LUC  (nt -241 to 30)  271bp</p>	<p>CTCAAGTTGAATATTGGCCCAATGAGGGAACTCAGAGGC  CAGTGGACTCTGGATTTGCCCTAGTCTCCCGCAGCTGTG  GGCGCGGATCCAGGTCCC GGGGGTTCGGCTTCACACTCAT  CCGGGACGCGACCCCTTAGCGGCCGCGCGCTCGCCCCG  CCCCGCTCCACCGCGGCCCGCCCCGTAGGGCGCGCCGTC  CACACCCCTGCGCGCCGCTCCCGCCCCGCCCGGGGATCCC  CGGCGCGCTGCGCCTCCGAGGGGGAGGTGTTCCGGCCAC  G</p>