Supplementary Information

271 GCCATTACAACTATGGGATCCAAACTGATCAAAAACGGC

Figure S1. The unigene and deduced protein sequence of Pm-BMPRI and Pm-BMPRII.

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BMPRI
 91 agtgaataactgataatcattgatttcgattatccattgcagcgaggagaaagtgcacgtatgaaatggctgtcgagccatttcggactg
                                                M M V I A S F V Y L
181 ctgtttacgacgtgaaataagaatcaatcatttgaagaactggcctgaattcttcttcttgaaaATGATGGTCATTGCCTCTTTTGTGTATCT
 11 L V Q L G G G L S T E G A L M S P P L R C A I F L E E C E E
271 CCTTGTTCAGCTAGGAGGGGGTTTGTCAACTGAGGGAGCCCTGATGTCGCCTCCCTTACGCTGTGCTATCTTCCTTGAGGAGTGTGAGGA
 41 K G R S C V V Y D Y C D K G Y T H C F T A W K Q G N T T K G
361 GAAAGGGAGATCCTGTGTTGTCTATGATTACTGTGATAAAGGTTACACACTGTTTTACTGCCTGGAAACAGGGAAACACTACTAAAGG
 71 I E L I K O G C W T H O E M C E S D E C V O T S N A H K K I
101 N F C C C R K D L C N V N I T A V E F A D S T T K K P S T V
541 CAACTTTTGTTGCTGTCGCAAAGACCTCTGTAATGTCAATATTACTGCTGTGGAATTCGCAGATTCAACAACTAAAAAACCCTCAACAGT
131 G N P I Q A L P S E D P V A K T L M V T L V P I S A V V I F
631 AGGAAACCCTATACAGGCCCTGCCTTCAGAGGACCCTGTAGCAAAGACCTTGATGGTAACACTGGTGCCCATTTCTGCTGTGGTCATTTT
161 I V V G F F L F R Y L R K E G R Y M A H Q Q L P I L D P E L
191 S M P E S L L P H K P I Q L L E I R A H G R F G E V W K A K
811 ATCTATGCCAGAGTCACTCCTTCCCCATAAACCAATACAGTTACTTGAAATCAGAGCTCATGGCAGGTTTGGAGAGTATGGAAGGCAAA
221 M E E H D V A V K I M P F K E K A S W L A E O E I Y N L P H
901 GATGGAGGAACATGATGTTGCCGTTAAGATAATGCCGTTCAAAGAGAAAGCGTCATGGCTGGATGACAGGAGATTTACAACCTGCCGCA
251 M A H D N I L L F V G A E K H E E N L W L I T Q F H E K G S
991 TATGGCCCACGACAACATTCTGTTATTTGTTGGAGCGGAGAAACACGAGGAAAACCTATGGTTGATCACCCAGTTCCACGAGAAAGGGTC
281 L C E Y L K G N T I T W S Q L C K M A E T M S R G L A Y L H
1081 TTTGTGTGAATATTTGAAAGGGAATACCATAACATGGAGCCAGCTATGTAAAATGGCTGAAACAATGTCCAGGGGTTTGGCATACTTACA
311 DEIPGGRGTEAKPAIAHRDFKSKNVLLKDD
1171 CGATGAAATTCCTGGGGGTCGGGGTACCGAGGCTAAGCCAGCTATAGCCCATCGAGACTTTAAGAGTAAGAACGTCTTATTGAAAGATGA
341 L S A C I A D F G L A L K F E P G K S P G E T H G L V G T R
1261 CCTCAGTGCATGTATAGCCGACTTTGGACTCGCTCTGAAGTTTGAACCGGGTAAAAGTCCAGGAGAGACTCATGGGCTGGTCGGAACAAG
371 RYMAPEILEGAISFKRDAFLRIDMYACGLV
1351 GAGATACATGGCACCGGAAATCCTAGAGGGCGCTATCAGTTTTAAGCGTGATGCTTTTCTGCGTATTGACATGTACGCTTGCGGCTTGGT
401 L W E L C G S W
1441 ATTGTGGGAGTTGTGTGGGAGTTGGtgacacgatgttcgtgcgttgacgggccgattgacgagtatcagctaccatttgaggaggaagtc
1531 ggctctcacccgacactggaggatttacaagacttagtcgtgatgaagaaagtacgaccctccataaaggaacactggcagagacatgct
1711 aaccaattaacgcgtacgttaaacgtgtctaactcctcagaaaatgtgactgtaacatcaaatcaagggagctactatataaactctgtg
1801 tcaacgtaaacctatgaaaggagccgtgtcaagggcaaataactcctc
BMPRII
 1 E R L T P D A G W K F F I I L S Y A S K G N L Q E Y L R N N
 1 GAGAGATTGACTCCAGACGCAGGCTGGAAATTTTTTATAATTTTGTCGTATGCGTCTAAAGGGAATTTGCAGGAGTATTTGAGGAACAAC
31 T L E W S I F C R M C L G T I R G L I H L H T D I R K G D K
61 F K P T V A H R D L N T R N I L V R D D L S C V I G D L G F
181 TTTAAGCCTACCGTTGCCCATAGAGATTTAAATACCAGAAACATCCTTGTACGAGATGATTTGTCGTGTGTGATAGGTGACTTGGGATTC
91 A I T T M G S K L I K N G
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