

Table S1 Cloning primers for recombinant expression of antibacterial peptides

Name	Forward primer	Reverse primer	Forward primer
BmcecA1	CATGCCATGGTTAGGTGAAACTCTCAAG	GATATCTCGAGTCATAAGGATTTGCTTGCCTATG	
BmcecB6	CATGCCATGGTTAGGTGGAAGATCTCAAG	GACCCTCGAGTCAGATAGCTTTAGCCGAACCAAGG	
BmcecC	CGCGCCATGGTTAAACGGAAGGTCTTCAAATAA	ATATCTCGAGTCAGACGGATGCCGTTGTCCAACG	
BmcecD	CAGTCCATGGCAACTTCTCAAGGATC	CCGCTCGAGTCATTGTCCGAGAGCTTTTGCITTTG	
BmcecE	CATGCCATGGTTAGATGGAAGATTTCAAG	ATATCTCGAGTCAGATGGTCGCCCTGCC	
BmgIv1	CGAACCATGGTTTCTATGCCTCTGGTTACGC	GCAAGGCCACTCGAGCCACTCGTGAGTAATCTG	
BmgIv2	CATGCATGGTTTACGGACCTTCTGATTACG	AAACTCGAGCCA(A/C)TCATG(G/C)CGGA(A/T)CTCTG	
BmgIv3	GCGCGCCATGGTATACAGGTCTCTGATTATG	AAACTCGAGCCA(A/C)TCATG(G/C)CGGA(A/T)CTCTG	
BmgIv4	GTAACCATGGTTTATTTCGGAGTACGAAGAAGGATATCCA(A/G)TTAG	AAACTCGAGCCA(A/C)TCATG(G/C)CGGA(A/T)CTCTG	
Bmmor	CATGCCATGGCAAAAATACCTATCAAGGCCATTAAGACTGTAGGAAAGGCAGTCGGTA	CCGCTCGAGTCAATGCTTTCTTTCTTCGGTTTCAAGAAATGAAAACATC	GAAAGGCAGTCGGTAAAGGTCTAAGAGCCATCAATATCGCCAGTACAGCCAACGATGT
BmmorLA1	CATGCCATGGCAAAAATTCTGTCAAAAGTCTGAAGAAGGGTGAAAAATTA	CCGCTCGAGTCAACGCACGTGGCTATAGACTTCATGGGCTGTTCCCGC	AAGGGTGAAAAATTATTGCCAAAGGCTTTAAAGTTCTCACCCGACGGGAACA
BmmorLB1	CATGCCATGGAACCTAAGGGCATCGGAAAAATCATCAGAAAGGGCGGGAAA	CCGCTCGAGTCATCCGCTGTTTTTCGAGTCTGGTAGACCTCGTGTC	CAGAAAGGGCGGGAAAAGTTATTAACATGGACTTACCGCAATAGGCGTAGGAGCTGCCG
BmmorLB5	CATGCCATGGAACCTAAGGGCATCGGAAAAATCATCAGAAAGGGCGGGAAA	CCGCTCGAGTCATCCGCTGTTCTGCGACTGTGGTAGGCGTCG	CAGAAAGGGCGGGAAAATTATTAACATGGGCTGACCGTATCGGCGTCGGGCGCCCG
BmmorLB6	CATGCCATGGAACCTAAGGGCATCGGAAAAATCATCAGAAAGGGCGGGAAA	CCGCTCGAGTCAGCCGCTGTTCTTGTACTCTTGGTAGACTTCATGTCC	CAGAAAGGGCGGGAAAAGTTATTAACATGGATTAACCGTAATCGGCGTTGGAGCCGCAG