

Regulation of antilipopolysaccharide factors, *ALFPm3* and *ALFPm6*, in *Penaeus monodon*

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Supplementary Table S1. Summary of primers used to this study

Primer name	Sequence (5'→3')
For genome walking	
GSP1_ALFPm3_primary	CTTGCACTCGTGGCCGAGAAGTTCAGTT
GSP2_ALFPm3_nested	AGCACCAGGCTTACCAGCACGGACACA
GSP1_ALFPm6_primary	AGTTTGTTCGCAATGGCTGGCACCAAT
GSP2_ALFPm6_nested	CACCACCACCACGAGGATCATGCTGAA
For luciferase construction	
ALFPm3promo+324BglII_R	AGGCGCAGATCTCTTCTGCAAGGGAAATAAAGATAAC
ALFPm3promo-1478NheI_F	ATGAGCTAGCGCTGGTCCTGTGGTAAG
ALFPm3promo-814NheI_F	AGTAGCTAGCGAAGCAGAGCCTCGCTAT
ALFPm3promo-719NheI_F	ATCTGCTAGCTGAGGAAGAATGTGCGAGTG
ALFPm3promo-265NheI_F	GCCTGCTAGCGAAATACGCGTTGCTGT
ALFPm3promo-71NheI_F	TACGGCTAGCATAGGCTCCTGGCAACT
ALFPm6promo+85BglII_R	ACTGAGATCTGATGGACGTGAAGTGAAG
ALFPm6promo-419NheI_F	TTACGCTAGCCCCGGGCTGGTAAATG
ALFPm6promo-282NheI_F	ATCGGCTAGCGGCTGGTATTCCCAAGTCT
ALFPm6promo-162NheI_F	AGCGGCTAGCACATGTATGAATGCCGAAAACG
ALFPm6promo-80NheI_F	CAGCGCTAGCACATTTATGCACCCATCTCC
For deletion assay and site-directed mutagenesis	
del(-693/-358)/p(-1478/+324)F	AGAGAGGGGGGGGAGAGG
del(-693/-358)/p(-1478/+324)R	CTTTCACCTCGCACATTCTTCCTCACTC
p(-814/+324)muNF-kB_F	CGTTGCTGTTACTATAGTTTCCACGTCG
p(-814/+324)muNF-kB_R	CGTATTTCCAGCTGAGAAAGATACTGCC
p(-282/+85)muICSBP_F	ACATGTATGAATGCCGCACACTCCAAGTGGCTG
p(-282/+85)muICSBP_R	ATATCTATAACATAATGGACTTTGG
p(-282/+85)muC/EBPβ_F	AATGTATAAAGTAACATTTATGCACC
p(-282/+85)muC/EBPβ_R	ATTCACACATTATATGTTATTCTCA
For dsRNA synthesis	

PmMyD88 dsRNA

Sense strand template

T7-MyD88-F TAATACGACTCACTATAGGG-

CCTCAGCAAAGGTCTTGAAC

MyD88-R CAGTCCACCAATTAGGTCTC

Anti-sense strand template

MyD88-F CCTCAGCAAAGGTCTTGAAC

T7-MyD88-R TAATACGACTCACTATAGGG-

CAGTCCACCAATTAGGTCTC

PmRelish dsRNA

Sense strand template

T7-Relish-F TAATACGACTCACTATAGGG-

CTCGTGGTCAGGAAGACTCAAT

Relish-R GACTGGAGATGGAGACTGAATG

Anti-sense strand template

Relish-F CTCGTGGTCAGGAAGACTCAAT

T7-Relish-R TAATACGACTCACTATAGGG-

GACTGGAGATGGAGACTGAATG

GFP dsRNA

Sense strand template

T7-GFP-F TAATACGACTCACTATAGGG-

ATGGTGAGCAAGGGCGAGGA

GFP-R TTACTTGTACAGCTCGTCCA

Anti-sense strand template

GFP-F ATGGTGAGCAAGGGCGAGGA

T7-GFP-R TAATACGACTCACTATAGGG-

TTACTTGTACAGCTCGTCCA

For RT-PCR

EF1 α -F GGTGCTGGACAAGCTGAAGGC

EF1 α -R CGTTCCGGTGATCATGTTCTTGATG

PmMyD88-RT_F GTGCACCAGAGTCATTGTAG

PmMyD88-RT_R	GGGAGTGGCAGAACTTATC
PmRelish-RT_F	TCTCCAGGTGAGCACTCAGTTG
PmRelish-RT_R	GCTGTAGCTGTTGCTGTTGTTGAG

For quantitative realtime RT-PCR

qRT-ALFPm3_F	CCCACAGTGCCAGGCTCAA
qRT-ALFPm3_R	TGCTGGCTTCTCCTCTGATG
qRT-ALFPm6_F	AGTCAGCGTTTAGAGAGGTT
qRT-ALFPm6_R	GCTCGAACTCTCCACTCTC