

Supplementary Materials

The Alteration of Intestinal Microbiota Profile and Immune Response in *Epinephelus coioides* during Pathogen Infection

Table S1. Sequence of primers used in this study.

Primer Name	Nucleotide Sequences (5'-3')	Primer Usage
β -actin-F	TCCACCgCAAATgCTTCTAA	real-time PCR
β -actin-R	TgCgCCTgAgTgTgTATgA	real-time PCR
IgD-F	ATTTTgACgCCAAGTTgACC	real-time PCR
IgD-R	TgCCAGCTTGAAAATGATG	real-time PCR
IgM-F	CTATCTGCTGGGCAGGTgTT	real-time PCR
IgM-R	GCAGCAGAATCTTCAGTCTTCA	real-time PCR
IgT-F	TGTGTCAAAGTCTGCCTGGGATTCA	real-time PCR
IgT-R	CTTAGGAGGTGGAGGAGGCTTTTG	real-time PCR
IFN-2-F	TGGAGGCGTACGAAAAGCTG	real-time PCR
IFN-2-R	GCTCGTTGTACCGGTGTTTC	real-time PCR
TNF- α -F	GCAAAGCCTCGCTGATG	real-time PCR
TNF- α -R	GCCCAGATAAATGGCGTTGT	real-time PCR
IL-6-F	GGAGAGGCTCAGAGGAAG	real-time PCR
IL-6-R	ACACCTGAGTGTGAGAACAGTAA	real-time PCR
IL-1 β -F	CCAGCGTTGAGGGCAGAA	real-time PCR
IL-1 β -R	ATCGTCTCCAGATGTAAGGTT	real-time PCR