# Supplementary Tables

Table S1 primers sequences used in the current study.

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| --- | --- | --- | --- | --- |
| **Gene** | **Application** | **Primer name** | **Oligonucleotide sequence (5′-3′)** | **GeneBank** |
| hep-1 | qRT-PCR | Forward | CAGGGAGCAATGACACTCCA | EU502749.1 |
| Reverse | CTCCGTGGGGAAACACATCC |
| IFN-γ | Expression | Forward | CCGCTCGAG(*Xho*Ⅰ)GACTCTCAGATGAGTTTTGGC | XM\_038707474.1 |
| Reverse | CGGGATCC(*BamH*Ⅰ)TTTCAAATCCCTCTGAAGATG |
| qRT-PCR | Forward | AAAACGCCACCCATAAACACC |
| Reverse | CAAATCCCTCTGAAGATGAACAAA |
| IL-1β | qRT-PCR | Forward | CGTGACTGACAGCAAAAAAGAGG |  (Byadgi et al., 2016) |
| Reverse | GATGCCCAGAGCCACAGTTC |
| IL-6 | qRT-PCR | Forward | ATTTCCCGAGAACTGAGGACTAAC | XM\_038732985.1 |
| Reverse | TTTCACTGATGTACCAGCCACCT |
| MHC Ⅰ | qRT-PCR | Forward | GTGGTTCAACGTCAACATCG |  (Hoang et al., 2020) |
| Reverse | ACCCAGACTTGTTCGGTGTC |
| MHC Ⅱ | qRT-PCR | Forward | GAGGACCTTGCTGTCATTGG |  (Hoanget al., 2020) |
| Reverse | GCGTACCAAACCTCTTCACC |
| *N. seriolae* 16s rRNA | qRT-PCR | Forward | TGCTACAATGGCCGGTACAGAG |  (Wang et al., 2012) |
| Reverse | TTCACGAGGTCGAGTTGCAGAC |
| TNF-α | qRT-PCR | Forward | CTTCGTTCTACAGCCAGGCATCG | (Byadgiet al., 2016) |
| Reverse | TTTGGCACACCGACCTCACC |
| β-actin | qRT-PCR | Forward | CCACCACAGCCGAGAGGGAA |  (Byadgiet al., 2016) |
| Reverse | TCATGGTGGATGGGGCCAGG |

In the table, the nucleotides lowercase letters indicate the positions of the restriction enzyme sites. “Expression” represents that the primer is used for vector construction; “qRT-PCR” represents that the primer is used to analyze gene mRNA expression level. F, forward; R, reverse.