Table S2 . Primers used in real time PCR for gene expression in zebrafish.

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| Primer name | Sequence (5’-3’) | Used for |
| EF-1α-F | CTGGAGGCCAGCTCAAACAT | Conventional PCRandReal Time PCR |
| EF-1α-R | ATCAAGAAGAGTAGTAGTACCG |
| CD4-2.1-F | CTTCAATGTCACTCTGATAAATGTGC |
| CD4-2.1-R | TTACGTGCCGTGTAGATCTG |
| CD4-2.2-F | TTTGGAGTTGAACTTTGGATCTGGA |
| CD4-2.2-R | GATCTCAGCTTTCTCACTCTCCTC |
| CD4-1-F | CTGTTTCTGTTATAGACCTTGCC |
| CD4-1-R | CTGGTCGGTCTTAAATGAAACT |
| Tbet-F | TCACCAACCATACCTCTC |
| Tbet-R | GTATTCGGTCCCGTAAGC |
| TcRα-F | TTACTGCGAGGAGACAGGC |
| TcRα-R | TCCTCAGCCAGAAGATGCC |
| MHC class Ⅱ β chain –F | CTGGAGTGGACACATTCTGCA |
| MHC class Ⅱ β chain –R | CTCTTTACCATCTCTCAGCCAGG |
| IgM-F | AGATCCAATACAAAGATACTATGC |
| IgM-R | TGGTGAAATGGAATTGTGG |
| CD8α-F | GGAGTACCAGGTGGGCTTTT |
| CD8α-R | GAGGAAAAGTCCACAACCTC |
| MCSF-R-F | CCAAAGCTCTCTTCTAAACTCACAC |
| MCSF-R-R | GTACCTGTCGTTATGGTTGAAAAAC |
| IFN-γ-F | GCATCGAAGAGCTCAAAGCTTAC |
| IFN-γ-R | TCTGCTCACTTTCCTCAAGATTC |
| GATA3-F | GAGCTGGGACCTCATGCGCAAAC |
| GATA3-R | GATGCCCTCCTTCTTCATGGTG |
| IL-4/13A-F | GAAGTGTGAGCATGATTATTTC |
| IL-4/13A-R | CTCGTCTTGGTGGTTGTAAG |
| IL-4/13B-F | CATCCAGAGTGTGAATGGGA |
| IL-4/13B-R | TTCCAGTCCCGGTATATGCT |
| IL-17A/F1-F | ACCTCCGCTTTCTTATGGTGAG |
| IL-17A/F1-R | ATCTTACAGAAGCCCCCTCAG |
| IL-17A/F2-F | GGAACTGGATACCGAAGTTTTC |
| IL-17A/F2-R | CCTGTTTCAGCACCAGTATGTCC |
| IL-22-F | CTACCTGCGATATGAAGTGC |
| IL-22-R | CATTTCGTGCTGTATCAGTC |