**Table S1 Primers used in this study.**

|  |  |
| --- | --- |
| Primer names | Sequence ( 5’-3’) |
| **Gene clone** |  |
| Toll-F  | ATGTGCAAGGAGAAGATGCC |
| Toll-R | CTATACTTTGACTTGTGCTT TG |
| Tube-F | ATGTCTGTAGATACAGAATTGA |
| Tube-R | TTATAAAGGTATTCTTCTTGAGA |
| Myd88-F | ATGGCAGCTACTGAGGTGG |
| Myd88-R | TTAAGCTGGGACAGGCAGT |
| Dorsal-F | ATGGACACGGACATTGAAGC |
| Dorsal-R | CTATTTAACA GGAACATTGCTA |
|  |
| **Tissue distribution and expression pattern analysis** |
| Q-Toll-F | AACCCTCTCAACTGCGACTG |
| Q-Toll-R | GTGACGGAATCGTGGTCACT |
| Q-Tube-F | TTCCACTGGTGACAGTTCCG |
| Q-Tube-R | TATCAATTCGCCGTGTCGGT |
| Q-Myd88-F | AGGTGGCGGAAAGATCAACT |
| Q-Myd88-R | GGGTGTCGGAACATCACAAAG |
| Q-Dorsal-F | TGCCCAGCAAAGACCTACTG |
| Q-Dorsal-R | TGCTAACACCGGGAATGCTT |
| Q-Actin-FQ-Actin-R | AGTGCCCATCTACGAAGGTTACGCGGCGGTGGTGGTGAAGC |
|  |  |
| **RNA interference** |  |
| Toll-RNAi-F | TAATACGACTCACTATAGGGAGATTTGATGACGTCGATGGGCA |
| Toll-RNAi-R | TAATACGACTCACTATAGGGAGACCAATTTGCTGAGATCGGCG |
| Tube-RNAi-F | TAATACGACTCACTATAGGGAGATCTGAGCGCTGCTACTGATG |
| Tube-RNAi-R | TAATACGACTCACTATAGGGAGACGTACCAAACCGAAATCGCC |
| Myd88-RNAi-F | TAATACGACTCACTATAGGGAGACTGGAACAGTTGGCGAAAAGG |
| Myd88-RNAi-R | TAATACGACTCACTATAGGGAGAGCGCTTGAGCGAAATTCGTA |
| Dorsal-RNAi-F | TAATACGACTCACTATAGGGAGAATCAGCCAGGTAGCATCGAC |
| Dorsal-RNAi-R | TAATACGACTCACTATAGGGAGAAGCTGATTGAATGGGCGTCA |
| GFP-RNAi-F | TAATACGACTCACTATAGGGAGTGGAGAGGGTGAAGG |
| GFP-RNAi-R | TAATACGACTCACTATAGGGAGGGCAGATTGTGTGGAC |