**Online Resource** Amplification of SrTLR3 mRNA to obtain the complete nucleotide sequence using cDNA template synthesized from total RNA of *Schizothorax richardsonii* kidney tissue. Primer pairs used for amplification of TLR3 are illustrated below:

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| **Primer** | **Sequence 5´ to 3´** | **Annealing Temperature** | **Template used** |
| K1TLR3 For | GCTGAACGTGGGAAATTAGATCG | 52°C | cDNA, obtained from Total RNA of Kidney. |
| K1 TLR3 Rev | AGCTTCAGCCTATTGCCAGACAG | 52°C | cDNA, obtained from Total RNA of Kidney. |
| K2 TLR3 For | ACTTGCTTCCATGCCCACTGTGC | 54°C | cDNA, obtained from Total RNA of Kidney. |
| K2TLR3 Rev | TCAGAACCCGAAATGCAGAGGAAT | 54°C | cDNA, obtained from Total RNA of Kidney. |
| K3 TLR3 For | TTCCTCTGCATTTCGGGTTCTGA | 54°C | cDNA, obtained from Total RNA of Kidney. |
| K3TLR3 Rev | AGGAGTGTAGTGAGGTTGCCCAAA | 54°C | cDNA, obtained from Total RNA of Kidney. |
| K4 TLR3 For | ATAAACAAGTTGGGGCCTGGTGC | 55°C | cDNA, obtained from Total RNA of Kidney. |
| K4 TLR3 Rev | GACTAGTGGCCTGAATGGAGATGG | 55°C | cDNA, obtained from Total RNA of Kidney. |
| K5 TLR3 For | TTTGGGCAACCTCACTACACTCC | 51°C | cDNA, obtained from Total RNA of Kidney. |
| K5 TLR3 Rev | CACAGGTGCAGTCAAAGGGGTT | 51°C | cDNA, obtained from Total RNA of Kidney. |
| K6 TLR3 For | TGCTTTGCGTGGCTTCTCTGAG | 52°C | cDNA, obtained from Total RNA of Kidney. |
| K6 TLR3 Rev | TCCTTCAGTGACCCCAGCATACG | 52°C | cDNA, obtained from Total RNA of Kidney. |
| K7 TLR3 For | GCGTTCCTGGGTTCCCTCAAAGT | 52°C | cDNA, obtained from Total RNA of Kidney. |
| K7 TLR3 Rev | GAGGTTTCAACATGCCACGACGA | 52°C | cDNA, obtained from Total RNA of Kidney. |
| K8 TLR3 For | ATTCAAAGCCCATCATGCAC | 54°C | cDNA, obtained from Total RNA of Kidney. |
| K8 TLR3 Rev | AAATATTGAGGACCTAGCACAAA | 54°C | cDNA, obtained from Total RNA of Kidney. |