

Identification and validation of potential reference gene for effective dsRNA knockdown analysis in *Chilo partellus*

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Figure S1. Standard curves of the 7 candidate reference genes

Figure S2. Stability ranking of seven candidate reference gene expressions under two different treatments of feeding assay; with crude extracts of bacterially-expressed dsRNA, and Purified

Supplementary 3. List of reference gene with assigned accession number from NCBI GenBank submitted sequences

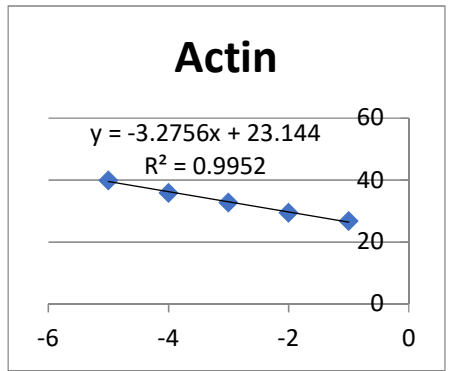
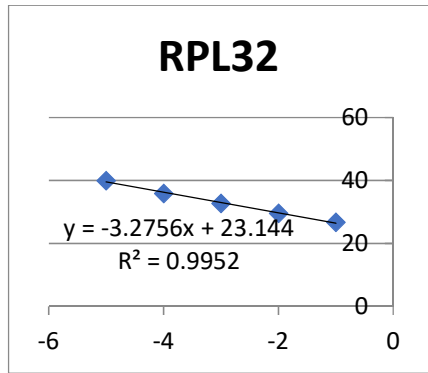
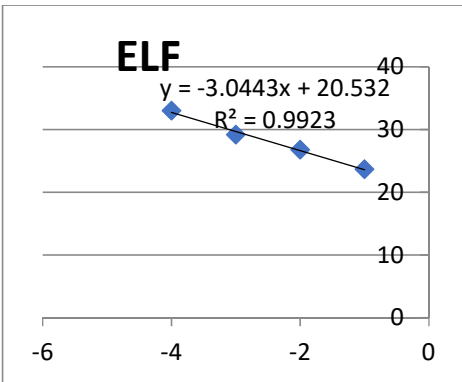
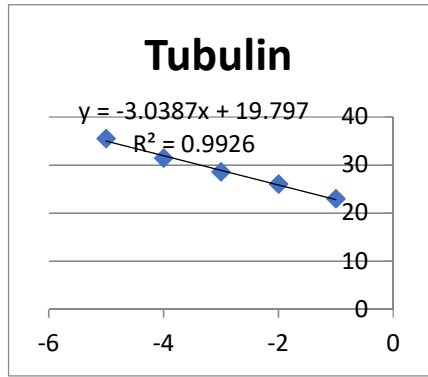
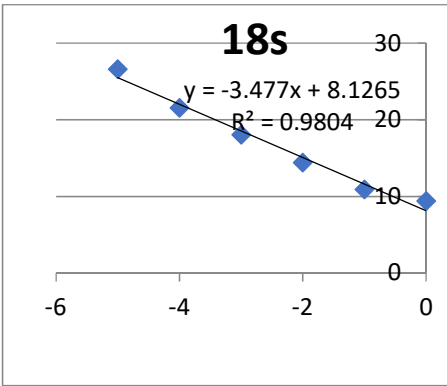
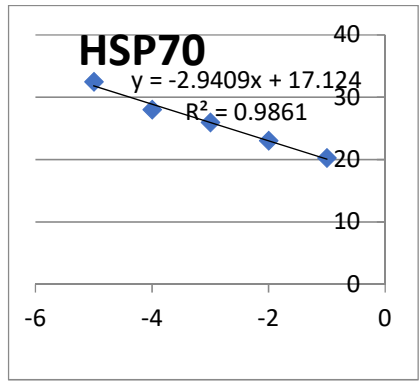
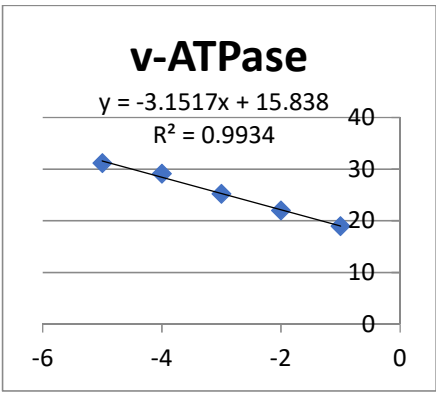


Figure S1. Standard curves of the 7 candidate reference genes

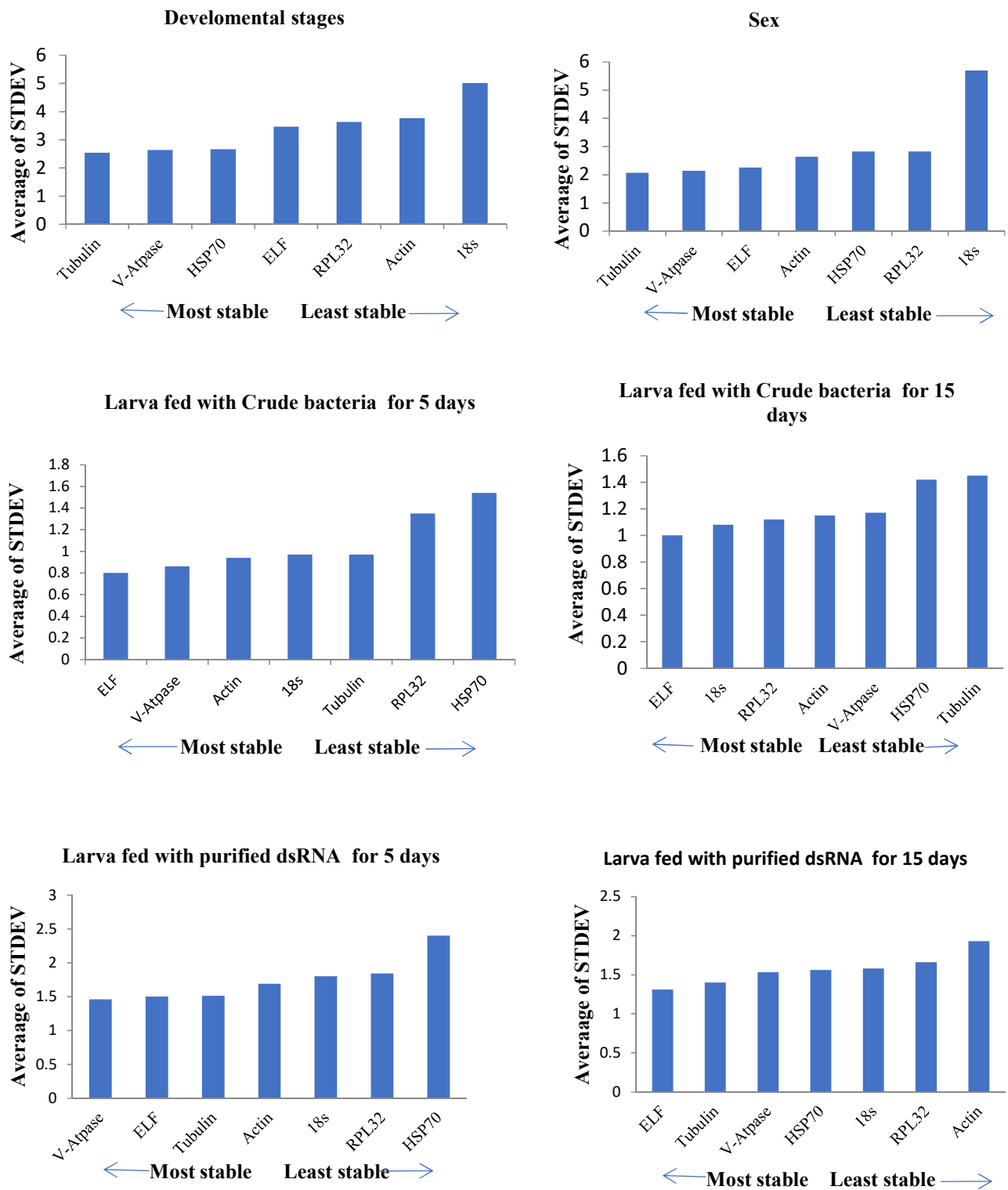


Figure S2: Stability ranking of seven candidate reference gene expressions under two different treatments of feeding assay; with crude extracts of bacterially-expressed dsRNA, and Purified dsRNA, generated by Delta CT method. Panels were represented as the stability validation results of reference genes expression in developmental stages, sex, feeding assay of 5 and 15 days on crude extracts of bacterially expressed dsRNA and purified dsRNA fractions.

Supplementary 3: List of reference gene with assigned accession number from NCBI GenBank submitted sequences

1. >MH430673 [Organism=Chilo partellus] ribosomal protein L32 (RpL32) mRNA, short sequence

CGCCCTAATTACGTCTAAAGAGGAGAAGATTTATCCGCCATCAGTCAGATCGCTATG
ACAAACTTAAGCGTAACTGGCGCAACCGAGAGGTATTGACAACAGAGTA

2. >MH430674 [Organism=Chilo partellus] beta-tubulin mRNA, short sequence

CGGGAGGGAAAATGAAAGTCGTCATAGTTTCGTCTGTGTTCTCTAGAGTCTCGGTGG
ATGACAGGAAGAGAAAAGGTTCTACGACAAAAAC

3. >MH430675 [Organism=Chilo partellus] V-type ATP synthase catalytic subunit, short sequence

GCATGTTGGATGTGTGTCCACGACTCATCTTCTTCATGATGGATCCGGACGCCGTCG
AAAACCACCGACAGTTCTGGGAAAGTTTTTTGTCAAACATCTCGTTACCACGAGA

4. >MH430676 [Organism=Chilo partellus] 18S ribosomal RNA gene, short sequence

ATCAAAGATCAGGGGGCTTCGTATGCGACGTTAGAGGTGTACTTCTTGGATCGTCGC
AGACGAAATCAGCGAAAGCATTGAGAAA

5. >MH430677 [Organism=Chilo partellus] heat shock protein 70 (hsp70) mRNA, short sequence

ATAACCTGCTGCTGCTGCGATTGCTTACGGTGTGGACTAGCAGTCAGGTAGTGGAGT
ACGAATGTCCTGCATTTTCGATCTCGGTGGTGGCATTGATGTAGAAAAAAAAAAC

6. >MH430678 [Organism=Chilo partellus] elongation factor 1 alpha mRNA, short sequence

GAACCCCATACAGCGAATCCCGATTTGAAGAAATCAAAAAGGAAGTCTCCTCATA
CATTAAGAAAATCGGTTATAACCCAGCTGCTGTCGCTTTCGTACCTATTTCTGGTTGG
CATGGAGACAACATG

7. >MH430679 [Organism=Chilo partellus] actin mRNA, short sequence

AAAAGAGCAAGGTCGGTGTTCCTTCTGCTCCTGTCGGCGATACCGGGGTACATGGTG
GTGCAATGGACATGACGGTGTGGCGTACAGGTCCTTACGGATGTCAACACGTCTGG
GGGTGGAAA

