**Table S3. Primer sequences and combinations used in qPCR analysis of *SfCPS* and *SfKSL* and high-throughput quantitative expression analysis of *SfCPS*, *SfKSL* and *SfFS*.**

|  |  |  |  |
| --- | --- | --- | --- |
| Primer name | Primer sequence (5’-3’) | Target gene | qPCR |
| For-eIF-4A-Sfru (Chatzopoulou et al. 2010) | TTGTTGCCATTGACATCTTCACTT | Elf4a  (acc. no FE536666) | Applied Biosystems 7500 |
| Rev-eIF-4A-Sfru (Chatzopoulou et sl. 2010) | CTCTCCCATGGCTGACATAACACT |
| SfruCPS-For2122 | ACCCTCACTAACAAAATATGCAAGC | CPS |
| SfruCPS-Rev2355 | AGCATCGGTGGTCTCATCATCG |
| SfruKSL-For1327 | TGGAGCGATGAGACGGAACTGAG | KSL |
| SfruKSL-Rev1558 | TATTTCCTGTATTTTCCTTGCGTTC |
| Sfru12591-PP2A-For1055 | AGGATGCAACAATCGAACAAC | PP2A | Fluidigm Biomark |
| Sfru12591-PP2A-Rev1287 | ACCCAACTGACTAGCAAGCAA |
| For2122-Sfru12304 | ACCCTCACTAACAAAATATGCAAGC | CPS |
| Rev2355-Sfru12304 | AGCACCGGTGGTCTCATCATCG |
| For1327-Sfru7690/1 | TGGAGCGATGAGACGGAACTGAG | KSL |
| Rev1558-Sfru7690 | TATTTCCTGTATTTTCCTTGCGTTC |
| Sfru16156-For268 | AAATACGGGCAGGTCTTCTCG | FS |
| Sfru16156-Rev418 | TGCTCTGGTGCGAGAACATC |