Table S1. Primers used for RT-PCR

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| **Gene Name** | **JGI IDa** | **Primer** | **Sequence 5’->3’** |
| *IFT27 (FAP156)* | 129193 | 27QPF2 | TCTCGGTGGAGCTCTTTCTG |
| 27QPR3 | GCTCACATCGAACACGAGAA |
| *IFT46* | 520197 | 46QPF1 | TGACATAGGAGCAAGCAGCA |
| 46QPR1 | CTCCGACTCACTCAGGTTCA |
| *IFT140* | 192205 | 140E26F | CAACTACCTGCAGACGCTCA |
| 140E27R | CGGTACTCGTCCACCTCAAT |
| *FLA10* | 185750 | Fla10F1 | CCATCGAGAAGGAGAAGCAG |
| Fla10R1 | GTCCACCTTTTCCAGCATGT |
| *GBLP* | 164254 | GBLP3 | GTCATCCACTGCCTGTGCTTCT |
| GBLP4 | GGCCTTCTTGCTGGTGATGTT |
| *CYCB1* | 206115 | CYCB1-3 | GGTGCACCTGAAGTTCAAGCTG |
| CYCB1-4 | AATCTCCTCGTACTTGGACGCG |

**a** Protein ID from JGI Genome Browser: http://genome.jgi-psf.org/Chlre4/Chlre4.home.html