

Table S1: Relative expression of *Msex\Orco/RPS3* measured 3 days after dsRNA treatment. Quantitative PCR data from 10 paired trials are shown; these data are graphed in **Figure 4**. The SEM was calculated from triplicate measurements of each sample.

| Trial | Control ratio <i>Msex\Orco /RPS3</i> | Control SEM | dsRNA-treated ratio <i>Msex\Orco /RPS3</i> | dsRNA- treated SEM |
|-------|---|-------------|---|-----------------------|
| 1 | 1.356E-01 | 2.410E-03 | 1.019E-01 | 2.640E-02 |
| 2 | 2.279E-01 | 1.990E-02 | 1.303E-01 | 3.250E-03 |
| 3 | 1.412E-01 | 1.210E-02 | 7.600E-02 | 6.130E-03 |
| 4 | 1.671E-01 | 1.280E-02 | 8.960E-02 | 1.650E-02 |
| 5 | 7.230E-02 | 1.470E-02 | 3.510E-02 | 8.580E-03 |
| 6 | 6.990E-02 | 6.350E-03 | 7.990E-02 | 2.180E-02 |
| 7 | 1.130E-01 | 8.860E-03 | 1.247E-01 | 9.820E-03 |
| 8 | 1.239E-01 | 1.410E-02 | 1.306E-01 | 2.210E-02 |
| 9 | 2.427E-01 | 3.360E-02 | 2.507E-01 | 4.040E-02 |
| 10 | 1.722E-01 | 3.330E-02 | 1.672E-01 | 2.140E-02 |