

When testing animal tissue samples with the Thermo Scientific™ Phire™ Animal Tissue Direct PCR Master Mix, we recommend performing positive control reactions with both direct and dilution & storage protocols using the control primers. As a template, use the same tissue material as in the actual experiment. The recommended control primer sequences for *Drosophila* and zebrafish are:

Species	Primer	Sequence	Melting temperature (T <sub>m</sub> )
Zebrafish (378 bp)	Forward	TAT AGC CCA GGG ACA CGA AC	64.17°C
Zebrafish (378 bp)	Reverse	CAG CTG CTC CAA AAA CAA CA	64.38°C
<i>Drosophila</i> (300 bp)	Forward	AAG GGC AGT TTT GGT GGA GAT	66.05°C
<i>Drosophila</i> (300 bp)	Reverse	AGT GCG ATG CTT GAT GAA AAC	64.44°C

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