

APPENDIX A

**Table 1.** List of primers and gene targets used for RT-PCR

<b>Species</b>	<b>Forward Primer (NIS)</b>	<b>Reverse Primer (NIS)</b>	<b>Forward Primer (Actin)</b>	<b>Reverse Primer (Actin)</b>
Red drum ( <i>Sciaenops ocellatus</i> )	5'- GCT GTG ATC TGG ACT GAT GTG TTC CA -3'	5'- TCC CGC TGT ATG CAC AGG CAA GAA - 3'	5' - TCT GTT GGC TTT GGG GTT CAG G- 3'	5' - TGG GCC AGA AGG ACA GCT ACG - 3'
Zebrafish ( <i>Danio rerio</i> )	5' - ACA GGC CTG AAC TGG GCG TCT C - 3'	5' - ACG GCA TGT ACT GGT CAG GTG C - 3'	5' - TTA ACC GGT AGC AGT TCC AG - 3'	5' - TCT CAA AGG CCG AGA TAA GCG CT - 3'
Hybrid striped bass ( <i>Morone saxatilis</i> x <i>Morone chrysops</i> )	5'- ATG TAC GGG GTG AAC CAA GCT - 3'	5'- CAG ATC CTC CAT CGT TAC CGC A -3'	5' - CGT GAC ATC AAG GAG AAG C - 3'	5' - ACA TCT GCT GGA AGG TGG AC - 3'
Tilapia ( <i>Oreochromis niloticus</i> )	5'- GCC AGC TTC ATG TCA GCA GTC CAG G -3'	5'- CGG CAG GAG ATG TAT CGC TGG ACT TG -3'	5' - TAT GGC TAG AGC CAG AC - 3'	5' ACA CCG GTT TTA GCG CAA CC - 3'
Channel catfish ( <i>Ictalurus punctatus</i> )	5'- TCG ACC AGC ATT AAC GCC ATG GCT G- 3'	5'- TGA GAT CCC ACC ACA GCA AAC CAG G -3'	5' - ACT TTG AGC TCC TCC ACA CG - 3'	5' - AGC GAG ATT AGA GAA CGA GG - 3'