

**Supplemental Table S1.** Primer sequences used in RT-qPCR analyses.

Gene	Forward primer	Reverse primer
<i>Actb</i>	GATGTATGAAGGCTTTGGTC	TGTGCACTTTTATTGGTCTC
<i>Cnr1</i>	AATGCCATTTAGGTGTTCTG	ATAGGTCTTAGAACCAACCC
<i>Drd1a</i>	ACTGACTCCAGTGTATTCTC	TTGGATACAGCAAACAACCTC
<i>Drd2</i>	TTGTTCTTGGTGTGTTTCATC	TATAGATGATGGGGTTCACG
<i>Oprm1</i>	ACTCATGTTGAAAAACCCTG	CTGTGTTTCAGATGACATTCAC

Cycling parameters:

1. 95°C for 15 mins
2. 94°C for 15 sec
3. 54°C for 30 sec (*oprm1*, *Drd2*, *Cnr1*, *b-actin*) or 52°C for 30 sec (*Drd1a*)
4. 72°C for 30 sec
5. Repeat steps 2-4 for 40 cycles
6. Hold at 4°C