

610 **Supplemental Tables**611 **Supplemental Table 1.** Primers used for qPCR analysis in rhesus monkey GV

612 oocytes and granulosa cells for 19 PDE and endogenous reference genes.

<i>Gene (source)</i>	<i>GenBank Accession No.</i>	<i>Sequence</i>
<i>PDE1A</i> (human)	NM_001003683.1	5'-GCAGACATCAGCCACCCAGCC 3'-AGGTCCACTGCTGCAAGGGAGT
<i>PDE1B</i> (rhesus monkey)	XM_001110208.1	5-GGAGCCCAAAGCTCGGCTGG 3'-AAGGCACGGCATCTGACCGC
<i>PDE1C</i> (rhesus monkey)	XM_001083624.1	5'-GTGCAGGCTGGGATATTTGT 3'-GCAGAAATGGGGATCTTGAA
<i>PDE2A</i> (rhesus monkey)	NM_001130826.1	5'-CCGTGCTCACCAGCACCCCTG 3'-GTCCCGCGATGCCCTGATCG
<i>PDE3A</i> (rhesus monkey)	XM_001096963.1	5'-ATTTTCATGCTTTGGAGATTGG 3'-TCTTCATTTGGTGCTGGTGCTT
<i>PDE3B</i> (rhesus monkey)	XM_001092891.1	5'-TGGACCAATGGCTGCTGGCT 3'-GCCAGGAACTGGCCGTGTTGT
<i>PDE4A</i> (rhesus monkey)	XR_012597.1	5'-CCCCTGTCTGCAAGGCCACG 3'-GAGCGGCCTCCGGCGTAATC
<i>PDE4B</i> (rhesus human)	NM_001037339.1	5'-GAGCCTGCTGGCAGACCTGA 3'-AATCGGCCCCCAGCAACAGC
<i>PDE4C</i> (rhesus monkey)	XR_014365.1	5'-TGGCTGCCCTCTTCGCAAGC 3'-AATCTGTCAGGCCCGCCCCA
<i>PDE4D</i> (rhesus monkey)	XM_001101097.1	5'-CACCTGCTTTGGAGGCCGTGT 3'-GTTTGACCCTGCCGGCCCTC
<i>PDE5A</i> (human)	NM_001083.3	5'-TTAGCGGCTGCTGTGGTGCC 3'-GCCTGGCCGCTTTCCCCATT
<i>PDE6A</i> (rhesus monkey)	XM_001107349.1	5'-ACCCTGGGAGGTGCAGAGCC 3'-GGAAAGGGTGGTGCCGTCCG

<i>PDE7A</i> (human)	NM_002604.2	5'-TCGCTCTTTGTGCCTCGCCA 3'-AGCTACCGCTCCTGGCCACT
<i>PDE7B</i> (rhesus monkey)	XM_001100632.1	5'-GGCCCAGAAGGTGTGCTGCC 3'-TCCAGCAGGTGGAGAGGGGC
<i>PDE8A</i> (rhesus monkey)	XM_001085852.1	5'-ACTGGAGGCTGCCACCCACA 3'-GAAGGCCAAGGCCGCATGGT
<i>PDE8B</i> (rhesus monkey)	XM_001101740.1	5'-TGTGCTGACGTGGCCAACCC 3'-AGAGGGCACCCACCAGCCAA
<i>PDE9A</i> (human)	NM_002606.2	5'-TCCGGCACTGCTTCTGCGTG 3'-TGTTGCACTCAGGCTCGGCG
<i>PDE10A</i> (rhesus monkey)	XM_001105004.1	5'-AACCCCGCCTCATCCCTGCT 3'-CTGCCTCGGCTGACGATGGG
<i>PDE11A</i> (rhesus monkey)	XM_001097498.1	5'-GCCGTGACCAAACCGTGGGA 3'-CAGTTGAGGCCAGCAGCCGT
<i>18s-rRNA</i> (human)	NR_003286.1	5'- CGG CTA CCA CAT CCA AGG AA 3'- GGG CCT CGA AAG AGT CCT GT
<i>RPS-10</i> (human)	NM_001014.3	5'- AATGTGCCCAACCTTCATGTC 3'- TCCAGGCAAACCTGTTCTTCA