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| **Supplementary File 1- List of primers used for qPCR experiments** | | |  |
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| Gene | Forward | Reverse | NCBI |
| Cyp19a1 | TCCACACTGTTGTGGGTGAC | AGGGAAGTACTCGAGCCTGT | NM\_007810.4 |
| Egr1 | GGAGAGGCAGGAAAGACATAAA | GCTCTGAGATCTTCCATCTGAC | NM\_007913.5 |
| Fos | AATGGTGAAGACCGTGTCAG | GGATTCTCCGTTTCTCTTCCTC | NM\_010234.3 |
| Gapdh | GGGGCTCTCTGCTCCTCCCTG | CCAGGCGTCCGATACGGCCA | NM\_001289726.1 |
| Inhba | GCTGCTCAAGTGCCAATACC | GTTTTGTCAGCCGGCTCTTG | NM\_008380.2 |
| Jun | CCAGACTGTACACCAGAAGATG | CAACCAAAGTGTCTGCTTTCC | NM\_010591.2 |
| Junb | TCACGACGACTCTTACGCAG | CCTTGAGACCCCGATAGGGA | NM\_008416.3 |
| Lhcgr | GAGTGATTCCCTGGAAAGGATAG | AGCACCGGGTTCAATGTATAG | NM\_001364898.1 |
| Nppc | GCGGTCTGGGATGTTAGTG | CATTGCGTTGGAGGTGTTTC | NM\_010933.5 |
| Pgr | GGTGCGAGGATTCTGACATT | TATGGCTCCCTAGGTTCTCTAC | NM\_008829.2 |
| Prss35 | CAGTAAGCATCTCAGAGGGCA | GGGGCTGGCAAGATGGATAG | NM\_178738.3 |
| Rgcc | ACTCCTCGGAAAGCCAAATTA | CCAAACTCCTTGCTTCACATAC | [NM\_025427.2](https://www.ncbi.nlm.nih.gov/nuccore/NM_025427.2) |
| Sgk1 | AGCCATCCTGAAGAAGAAAGAG | GGTCTGGAATGAGAAGTGAAGG | NM\_001161845.2 |
| Star | GCTGTGAAGGCTAAGGGATAAG | GTGACATTTGGAGCTGGTAAGA | NM\_011485.5 |
| Tinagl1 | GAATCCCACCTAGGAGACAAAG | GTCTATACTCCCTGCAGTTTCC | [NM\_001168333.1](https://www.ncbi.nlm.nih.gov/nuccore/NM_001168333.1) |
| Trib2 | TTGGAAACTGCAGGGAGTATAG | ATGAGAGAGAGGGTGGGTAG | NM\_001168333.1 |