

Table S1. Inversed fold changes in males and females

| down-modulated in males up-regulated in females | | | up-regulated in males down-modulated in females | | |
|--|--------|------|--|-----|-------|
| BB505010 | - 12.5 | 2.6 | D930050A07Rik | 1.8 | - 2.0 |
| Gm534 | - 6.7 | 1.9 | PPP1R3C | 1.8 | - 2.2 |
| AK007854 | - 5.6 | 1.9 | CHKA | 1.9 | - 2.6 |
| LHX8 | - 3.1 | 1.9 | BAIAP2 | 1.9 | - 2.7 |
| CYP3A44 | - 2.4 | 2.7 | MLL5 | 1.9 | - 2.0 |
| AACS | - 2.3 | 2.8 | MYBPC2 | 1.9 | - 2.2 |
| RGS16 | - 2.2 | 11.5 | FST | 1.9 | - 1.8 |
| AK051762 | - 2.1 | 1.8 | CSPG5 | 2.0 | - 2.7 |
| OPRM1 | - 2.0 | 1.9 | BC057022 | 2.1 | - 1.9 |
| 6030468B19Rik | - 2.0 | 1.9 | AK040776 | 2.3 | - 1.9 |
| Gm7231 | - 1.9 | 3.4 | LOXL4 | 2.4 | - 4.3 |
| OLFR1321 | - 1.9 | 2.3 | EMID2 | 2.9 | - 1.8 |
| BAI3 | - 1.8 | 1.9 | COG4 | 3.2 | - 1.8 |
| Gm10001 | - 1.8 | 2.0 | OLFR914 | 3.8 | - 3.0 |