| Gene name     | Log₂ fold change | FDR p-value | Gene name     | Log₂ fold change | FDR p-value |
|---------------|------------------|-------------|---------------|------------------|-------------|
| gna14         | -8.85            | 0.05        | aqp1a.1       | -2.75            | 1.72E-03    |
| ptfla         | -8.15            | 2.87E-04    | apoeb         | -2.75            | 7.54E-09    |
| lrcc15        | -7.22            | 2.67E-04    | si:dkey-25e12.3 | -2.65        | 0.02        |
| scp8          | -6.11            | 0*          | si:dkey-246e1.3 | -2.63        | 0.03        |
| igf1bp5a      | -5.82            | 1.63E-04    | plekhn1       | -2.63            | 6.07E-06    |
| cyp1b1        | -5.61            | 1.05E-11    | stm           | -2.62            | 1.32E-03    |
| prdm13        | -5.52            | 4.15E-03    | lipib         | -2.6             | 3.76E-04    |
| si:ch211-66i15.5_1 | -5.36 | 0.04        | si:ch211-201h21.5 | -2.59        | 0.02        |
| aldoca        | -5.32            | 0.04        | rhbg          | -2.57            | 5.66E-09    |
| myod1         | -4.76            | 0.02        | st6gal2b      | -2.55            | 0.01        |
| saa           | -4.55            | 0.01        | slc38a4       | -2.45            | 2.35E-05    |
| bco2l         | -4.47            | 0.04        | cyp2ad6       | -2.45            | 1.78E-04    |
| ifitm1        | -4.46            | 0.03        | aanat1        | -2.44            | 1.13E-06    |
| mmp9          | -4.3             | 8.25E-06    | ddit4         | -2.44            | 2.26E-04    |
| g0s2          | -4.29            | 4.25E-06    | C25H11orf96   | -2.43            | 0.04        |
| cyp1d1        | -4.26            | 9.95E-06    | zgc:165604    | -2.42            | 2.22E-07    |
| nell2a        | -4.08            | 1.40E-03    | krt18a.1      | -2.41            | 4.74E-03    |
| tmx3a         | -4.06            | 0.03        | si:ch73-160h15.3 | -2.41        | 1.10E-03    |
| zgc:112285    | -3.79            | 2.58E-05    | fgf8b         | -2.4             | 2.65E-03    |
| si:ch211-270g19.5 | -3.67 | 0.01        | slc4a4a       | -2.39            | 9.88E-04    |
| ethl          | -3.66            | 0.04        | iqgap2        | -2.37            | 9.33E-03    |
| ccn111        | -3.63            | 0.03        | adma          | -2.32            | 6.81E-03    |
| cxx18a.1      | -3.63            | 2.62E-05    | pygl          | -2.31            | 1.25E-03    |
| cyp2n13       | -3.63            | 1.47E-04    | nfascia       | -2.31            | 1.97E-08    |
| hspb6         | -3.62            | 1.56E-03    | eml2          | -2.3             | 8.25E-06    |
| lepb          | -3.61            | 2.78E-04    | snca          | -2.27            | 1.73E-03    |
| inhbaa        | -3.53            | 4.14E-03    | timp2b        | -2.26            | 8.90E-04    |
| epeb1a        | -3.52            | 6.03E-03    | rdh10a        | -2.26            | 3.51E-04    |
| irx5a         | -3.48            | 1.41E-03    | bgnb          | -2.24            | 0.01        |
| selenop       | -3.38            | 0*          | vill          | -2.22            | 8.94E-04    |
| aanat2        | -3.31            | 0.02        | slc13a1       | -2.22            | 7.46E-03    |
| an05b         | -3.27            | 3.84E-05    | si:ch73-6k14.2 | -2.15        | 0.02        |
| si:ch73-52p7.1 | -3.25 | 7.46E-03    | CABZ01080074.1 | -2.12        | 0.05        |
| fgf8a         | -3.2             | 9.33E-03    | itgb5         | -2.11            | 0.02        |
| si:ch73-173h19.3 | -3.17 | 0.02        | sec1418       | -2.09            | 0.04        |
| lrm3a         | -3.13            | 0.01        | pldcl1a       | -2.09            | 0.02        |
| ccdc80        | -3.12            | 1.98E-03    | krt8          | -2.07            | 6.83E-04    |
| gene          | change | fold_change | gene          | change | fold_change |
|--------------|--------|-------------|--------------|--------|-------------|
| foxi1        | -3.12  | 9.44E-03    | cacng7b      | -2.06  | 0.03        |
| fads2        | -3.12  | 0.03        | chst2b       | -2.06  | 1.39E-03    |
| cyp2p6       | -3.1   | 5.69E-06    | atp1b4       | -2.03  | 1.54E-05    |
| si:dkey-126g1.7 | -3.04  | 0.05        | CU929418.2   | -2.03  | 1.32E-03    |
| mpx          | -3.02  | 3.97E-03    | map1ab       | -2.02  | 9.13E-04    |
| serpinb1     | -3.01  | 1.29E-09    | il34         | -1.97  | 8.14E-05    |
| cyp46a1.2    | -3     | 0.02        | cadm4        | -1.94  | 5.93E-03    |
| si:dkey-23a13.2 | -2.99  | 0.01        | nexoifb      | -1.94  | 0.03        |
| cyp26a1      | -2.94  | 2.31E-07    | grm2b        | -1.93  | 6.03E-03    |
| fhl1a        | -2.88  | 0.02        | tubb5        | -1.93  | 0.04        |
| panx1b       | -2.78  | 0.02        | lmo7b        | -1.93  | 8.10E-03    |
| si:dkey-276j7.3 | -2.77  | 0.01        | ptgdsb.2     | -1.91  | 1.00E-03    |
| slc13a5a     | -2.76  | 9.44E-03    | atp1a3b      | -1.89  | 0.02        |

Filters: Log2 fold change<1; FDR p-value<0.05, Max group mean≥1

*: FDR p-value < 1E-16