```
FOSL2 ALOX12B KRT36 SPINK5
                                    POU3F1 ACER1
                                                                      WNT16 SOX9 CLDN1
             ASCL4 KRT6A TCHH HRNR INTU KRT33A KRTAP5-9 KRT33B TCHH KRT2 MYSM1
                                                              KRTAP5-10
             FLG LATS1 HOXC13
KRTAP5-1 KRT40
                                                                                                                                                                                           BRINP1
         KRT9 KRT1
                                                                                                                                                          ADAM22 GCNT4 SERPINF1
                                                                     skin development
                                                                                                                                           TTBK1
                                                                                                                   TCF15
                                                                                                                                                        SEZ6L SSTR3 CAMK4 —UNC79
                                                                                                                                          STRN
                                                                                                                                        ADRB3 RAG1 GRPR PTGDS RCHE
                                                                    FGF7/WNT5A
                                  EGF CRLF1 WNT9B
                                                                                 CGB2
                                                                                                                                                                                                        BCHE C1QL1 TNFRSF21
                                                                                                       PYY2
                                                                                                                          FGF10
                          IL27 WNT9A NEURL1
FBN1 IFNE TNFSF9 WNT10B
                                                                                                                                                                                           NPR1~
                                                                                                        NTF4
                                                                                                                                                                                                       MYLK2 DOCK5
                                                                                                                                      BMP6
                                                                                                                          GAS6 PTN behavior SNCG HRH2 MYL9 TNNC2
 ANGPTL8
 CCL18 C1QTNF4 IL17B GDF1
                                                                                                  NTRK1
                                                                                                                                                                                                                                                      TNNI2
                                                                                                                                                                                          NLGN4X TNNT3
CHGB MIA NRTN

CHGB MIA NRTN

POMK ADORA1 PPARGC1A NETO1 regulation of system process TSPO IL6ST HCAF

TNFSF15

C1QTNF9 SCNN1B

LHB IL12A MYO3A LRP2 CST2

CDC42EP2

C
                                                                  SPX SHANK1 GRIN2D KCND2 DRD4 S100A1

NOV P2RY1 CNR1 GRIN2A OXTR SLC8A3 WNK3

IFNG CXCL10 NPFF DRD2 KCNA1 GLP1R KCNE5

Sensory perception—CXCL13 ATP2B2 fegulation of membrane potential KCND3 SNTA1 WNK4
   LHB IL 12A MYO3A LRP2 CST2
                  OR2T8 CST4 FAM3B IFNG
 CDC42EP2 — EYA3
  OR10R2 LRAT
                       RORB | FAM3D / C1QTNF12
                                                                                               CXCL9 XCL1 regoration transmembrane transport SCN2B GABRA1
                                                                                  CXCL11 amine transport KCNG2—

RBP4

CLDN19

KCNQ4

GABRR2

P2RX7

CD38

GPER1

KCNK13

GRIA4

CLCNKB

GRIK4

KCNJ16
         RGS9 MYÓ3B OCLM VGF PHF24
            HMCN1 PAX3 RCVRN TRPM3
                                                                                                                                                                                                               ATP2B3 SCN4A GABRR1 KCNJ15
                    OR7D2 OPN4 CST1 OR10G2 RBP4 CLD
                                                   CRYBB3 COCH
                                                                                                                                                                                                                                           GRIK4 KCNJ16
                                                                                                                                                           KCNB1
                                                                                                                                                                                                          BOK
                                                                                                     CD36/TRPM5
                                                                                  ANO1
                                                                                                                                                                                                                          CBLN1
                                       VSX1 MYO9A VAX2
                                                                                                                                                                                                                                              TCAF1
                                                                                                                                                                                                     -F2RL3
                                                                                                                                                                        CACNA1E
                                                                                                                                                                                                                         KCNA3 HPCA
                                                                                                                                                                                       JPH1 KÇNG3 CLCNKA HSPA2
                                                                                                                                           KCNC2 RIMS2
                                                                                                                                                                                 CCR4 CCR8 KCNF1
                                            STXBP5L
                                                                     SYBU SI C30A8 RHCG PTH1R I PAR4
                                                                                                                        XCR1 PTH1R LPAR4

XCR1 ESR1 TF
                                                                                         SLC30A8
                                                                                                            SYT9
                                                                                                                                                                          TRPC4
                                                                                                                                      ARG1 ESR1
                                                                                                 SFRP1
                                                                                                                     NNAT
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