**Table S1**

| GENE            | FORWARD                        | REVERSE                        |
|-----------------|--------------------------------|--------------------------------|
| **Primers for Fig. 1A**                               |                                |                                |
| RORα1           | AAACATGGAGTCAGCTCCG            | CATACAAGCTGTCCTCTGTC           |
| RORα2           | CTCCAAATACTCCCATCAGTGATCC      | CATACAAGCTGTCCTCTGTC           |
| RORα3           | CAACTTGAGACACAATAACTGG         | CATACAAGCTGTCCTCTGTC           |
| RORα4           | CGCACCCCGCTTAAATGAGT           | CATACAAGCTGTCCTCTGTC           |

| **Primers for RT-PCR**                                 |                                |                                |
| RORα4           | CCGCGGCTTAAATGATG             | TTCTCCTGAAAAAGCCCTTG           |
| RORα universal  | TGATGTGGCAATTGTG              | GCACGGCAGCTTCTGATAAA           |
| KERATIN 1       | GTTCCAGCTGAGGTCTTTGT          | TAAGGCTGGGACAATCGAC            |
| KERATIN 10      | GAAAAGCATGGGCGCACTCACA        | TGCAGATCTGAGGAGGATG            |
| INVOLUCRIN      | GGCCCCTAGATGCTCATATA          | CACCCTACCCCATATAAGA            |
| LORICRIN        | ATGATGCTACCCCATGTTG          | ACTGAGGTGGGAGGATG              |
| FILAGGRIN       | GGGAAGTTATTTTCTTCGTG         | GATGTGCTAGGCCCTGATGTT          |
| INTEGRIN β4     | CCAACCCTACTCTACGTGTT         | GGGAGTGCTAAAGTGAAGG            |
| KERATIN 14      | ATATGGGTGTTGCGCTTGTA         | GAGGTTCTGAGTGAACCT             |
| Ki67            | CTGCTTTTGGGAGGGGAAGG         | AGGCCATAGGCCCTGACA             |
| ALOXE3          | CCAATTCGAAAAACTCCTCTCT       | CATTTGACCCAGGCAC              |
| ADFP            | GAGATGGCAAGAAGCCTG          | AGGCCCTTACAGGCCATG             |
| AQP3            | AGA CAG CCC CTT CAG GAT T   | CAT ACC TGC TGC CCA CTC TC    |
| ABCA12          | TCAATG GCAGTCAAGTGTCT        | TCCAGAGAGAGCACTC              |
| 36B4            | GCAATGTTGGCCAGGTCTGTG        | GCTTCGACCTTTTCGAC             |
| FOXN1           | TTTCCGTACAGCGAGATCTCA        | GTTCACCCCATCTGCAAAGCA          |
| Notch1          | TTGGAGAGAGAGCAATTTTG        | CACTGGCATGACACACAA            |
| primary FOXN1   | AGAGTAGGGTCCAGCCAGT          | GTGAAGGGTGCTCTGCTGGA           |
| p53             | AGG CCT TGG AAC TCA AGG AT  | CTGAGT CAG GCC CTC CTG TC     |
| c-myc           | TTCGGTGATGCGAAAACAGG         | GCAGTAAATACGGGCTC             |
| NF-κB           | ACCACCCCTCGTGTGGTTTGC        | TGACGTTCCCTCTGCACTT           |

| **Primers for ChIP in Fig. 5C**                       |                                |                                |
| FOXN1 promoter -4.8 kb                                | GCACTGCAGATGTTGGAACCTGC        | TCACTCCTCATGAAACTGCCCCTCA      |
| FOXN1 gene + 1.6 kb                                   | TGTCTCTCCATAGCCTGACC          | GGGAGCAAATTCCTTCTGAC           |
| FOXN1 RORE negative                                  | CAGGCAGATAAAAGGTTGGA          | TCTGGGACTTATGTTGAGG            |