**Table S2.** Identified *KRT3* and *KRT12* variants with minor allele frequencies greater than 0.05.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Proband | Gene | Exon | Nucleotide change | Amino acid change | Minor allele frequency |
| 1 | *KRT3* | 1 | c.131G>C | p.(Gly44Ala) | 0.1384 |
| 5 | c.1089C>T | p.(Arg363Arg) | 0.2123 |
| c.1123C>G | p.(Arg375Gly) | 0.3778 |
| 6 | c.1297G>A | p.(Glu433Lys) | 0.0895 |
| *KRT12* | 1 | c.43C>T | p.(Pro15Ser) | 0.3095 |
| 2 | *KRT3* | 1 | c.131G>C\* | p.(Gly44Ala) | 0.1384 |
| 5 | c.1089C>T\* | p.(Arg363Arg) | 0.2123 |
| c.1123C>G\* | p.(Arg375Gly) | 0.3778 |

\*Homozygous change