**Supplementary Data Figure 3**



RP11-295G20.2 Corneal Epithelial (HCET) Transcript

 Exon 1

**GTACTATTGCGGCCGCCCTCTGCTGCGCCTGAAGAGAGAGGCGACTCTACAAGCCTCACA**

**GCATGCACTGTTACTAAAAAGACGATGCGTCCTCCTGGACCTGAGATCTGTGTGATCGTG**

 Exon 4

**GGAAAGCGACGAAAAACGAACAAAGGAACAGTAAATGGAGTAACTTGGCTAGAATATGGCAGTAACTACAAGGCATGTTCTGCTCTGGCACGAAGGATGCAGTCTCGCTCTGTCACCCAGGCTGGAGTGCAATGGCACGATCTTGGCTCACTGCAACCTCTGCCTCCCAGGTTCAAGCGATTCTTCTGCCTCAGCCTCCTGAGTAGCTGGGATTACAGACAACCCACCTGAGGCACCAGACACATGAGTGAAGCCATCTTGGACATCCCAGTCACAGCCAAACTCACTCCTGAGTGCATCTGCATGATGAACCCAGCAATCCCCACCATGGAGCAAAGGATCCATCCAGTCAACCCAAAGAATCGTGAAAAATAATAAATTGTTGTTTTAAAGTTCTTCAGTTTGGGAATAGCTTGTTATGCAACAATACATAATTAATACACTGGTCTCCCACTTTCAAGTTTGATT**

 Exon 6

 Exon 5

**Reference sequence:** <http://useast.ensembl.org/Homo_sapiens/Gene/Summary?db=core;g=ENSG00000233461;r=1:231522388-231528556>