**Supplementary Data Figure 2**



RP11-18I14.10 Corneal Epithelial (HCET) Transcript

 Exon 1

**TTTTTTTTTTTTTTTTTTTTGTAGAGACAGGGTTTCGCCATGTTGCCTAGGCTGGTCTCC**

**AACCTGGTCTCCTGGGCTCAAGCGATCCGCCCGCCTCGGCCTCCCACAGTGCTGGGATTC**

**CAGGCGTGAGCTACCGCGCCCGGCCTATTTACTTTTCTTACTAAGCTGGGGATCACCGTC**

 Exon 2

**GCCCTCGGCTTGGCAGGAAGGCGGGGGTGCAAGAAGAAAAGAGGTACAGAACACCCAGAG**

**GTGCCCTCGATTCCGTCTTGCACTTGCCCTTCTCCCACCGTCCAGCAATAAAGCGAGAGA**

 Exon 4

**AACAAGTGCAGGAAACTGGCCGGCAGTCATGGGAGAAGCCAAAAAGACAGCCTTGGGGAGCCGGCGGGATCCAGAGCGGGGCTCCTCTCCGCACTTTGTAGCTGCGTTGCTCCGCTCCATGCCCTGCCTCAGCCACTCCTCCTGGTTACCAGGCAAAAGGAAACACCTTGAGCTGGCCAGGAGCTACCAGCGTCTGTCTACACCTGGGGCTGGAGTGCAGCGGCATGATCTCGGCACACTGCAGCCACCGTCTTCCAGGTTCAAGCGATTCTCCCACCTCAGCCTCCCGAGGAGCTGGGATTACAG~~G~~GAGTTCAGTGGCATGACCAGGGCTCACTGCAACCTTGATCTGGGCTCAAGTGATCCTCCTACCTCAGCTTCCTGAGTAGCTAGGACCACAGGTGTGCACCAACCACACCCGACTAATTTTTGTAGAGATGAGATCCCACTATGTTACCCAGGCTGGTCTTGAACTCCTGGGCTCAGGTGATCATCCTGCCTTGGCTTCCCAAAGTACTGGGATTATAGGCTTGAGCCACCGTGCCTGGCCTGTGATCAGAATTCTCATTTTTTTAGTCACTAAAAATGCTGGGGGGCACTCCATTCTCCATTATGTGATTAGTTCACATTGCATGCTTGTATCAAAACATCATATATACCCCACAAATATATACAAAAAACTTTAAAATTTTAAGTATTAATTGCTCAGGAAAAAATTAAAATGCTGGGGTGCTGAAATCTCAAGGGCCCCATTACAAAACTCCTTAGGAACCTCGCCCTCTCTCTGCTGTAAGGACTGGTTCCAGAATGAGAGAATTTAAAAGACATTCCCCCCCCAAAATGTTCATAATGTCACCCCGGAAACCTGCGAATATGTTATATTACATGACCAGGGAGAAGTAAGGTTGCAGATGGCAGTAAGGTTGCTAATGGGCTGACCTTAAGATAAGGAGATGATCCTGGATTATCTGGGTGGACCCAATGTAATCACAAGGGTCCTTAACTGTGGAATAGTGAGGTGGCTGAGTCAGAGGCAGAGTGATGCAATGACTGAAAGACTTAACCAGCCATCACCGGCTTTGAATACGGAAGACGGTCATGAGCCAGGGAATGCAGGCAGGCTCTGGGAGCTGAAAAAAGCAAGAAAATGGATTCTCCCCTGGAGCCTCCAGAAGGGATGCGGTCCTGCCAACCCCTTGTCAGTGAGCCATTTCAGATTTCTGACTTCCAGGACTGTAAGAAAATAAACTTGTCTTGTTTTCAGCCACCAACCCTGGCTCCTGTGGCTAGAGCCCTGGTGCCCACAGCTCAACCTGGACCTGTCCACCCTTGAAGGGCTCATGATGCAGCATCAGGGAGTCCCAGATCGAGCCGCTGACACCTCCAAGTCGGCTGCAGCTGTGCATCCGCTCAGACCACAAGACTCAATGGAGGATGCTGACCTCTCTTTGTTCTCCCAACGAGTACTAGGCAAGGAGGGAAGGAAG**

 Exon 4’

 Exon 6

 Exon 5

**Reference sequence:** <http://useast.ensembl.org/Homo_sapiens/Gene/Summary?db=core;g=ENSG00000269609;r=10:102449817-102461106>