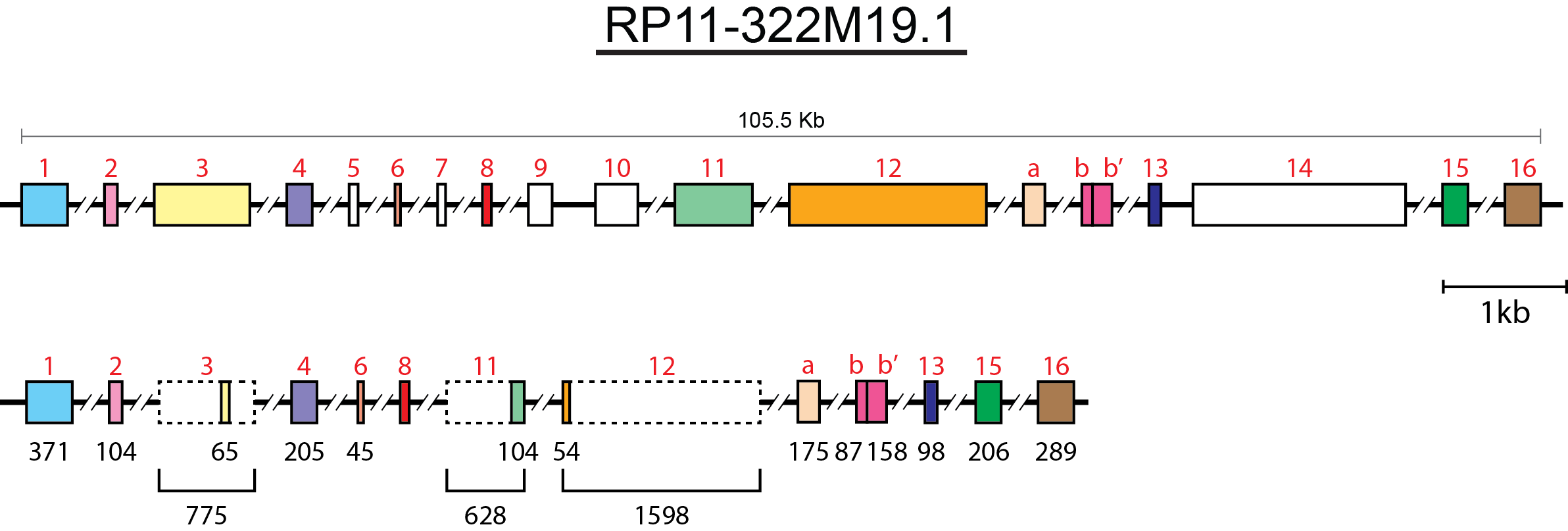
**Supplementary Data Figure 4**



RP11-322M19.1 Corneal Epithelial (HCET) Transcript

Exon 1

Exon 2

Exon 12

Exon a

Exon 13

Exon 15

Exon 16

Exon b’

Exon b

Exon 3

Exon 4

**TCTATGGTTTCCGCGGCTCGCTAGAAGGAGTGCGGTCCACTGGAGGTCTCCCTACATTCT**

**TCCTCCATTATCTCACTGCCTCCGGTGGCTGCTGGGATACCGGAGGACTCGGGTCCCGGC**

**TCGACTCAGTCCTCCAGCCGCCCGGGGAATACCTCTAGTTCTTCCCGGCCGCCGCCGCCT**

**CCGCCCCGCCGCTTCCTCCTCCGCCTGCCGGCCTCCTTCGCCCCGCCCCGTCCGCGCAGC**

**TCGTCCGGCCCGCCCGCAGGCCAGCTTCTCTCGGGAGCCTCCACCCAGGCGCATGGCTCC**

**ATGAAGCAAGAGGAGGAGGCAGAGCGCGAGAGATCCCGTCCGCCCCAGCCGCGTCTGGGC**

**CAGGAGAAAAGCAAAACCATATTCCTGCTGCTGTCAGTTTTGATGCACTGAGAAAACTTC**

**AGAGACCTAAGCTTTTTCCAGAGAAGAGAAGCTTTACTGGTGTTCCAGCCCTAAGCATTGACTTCACTAATGGATGTGACCTGGTTGGCAGCAGTAGCTTGCACAACATGCTTGTTTGCAAAACTTAAATCCTCAGTGTGACACAACTCAGTCCTTCTACTGCAGCAGCTCTTTTATAAAAGCCTCCCAAAGCTCCAAGAAGGAACAAAGAATGTGACCCAGTAAGCTCACACCATAAGTCTATATTGCAGAAACCTTTGTTCAACAAAACTGCAGATGCTCTGTTGAATCCACTGGAGATTGTCCTGATACTAAGGACAAGTATAGGCTCATATGACATTAACAGACAAGACACTTTTCAGAAAGACAGACAGCTCTTCAATCTTCAAGGGAACTGTGGAAGTAAACCAGGGGTGACATGGATTATCAAATATTGTGGATCAGATGGAGTCTCTCTGTCACCCAGACTGGAATGCAGTGGCATGATCTTGGTTCACTGAAACCTCTGCCTTTCTGGTTCAAGCAATTCTCATGTTTCAGCCTCCCAGGCAACGTGTTGGACCTTCCGGAGCTTCTCAGAAGACAGAGGGTTTTCTTTTGAG**TGTCCTTACCATTGAAGTACATCTTTACTGAAGATGCTGTTGGTGTCCTGTCCAGAATCTCTTCAATGAGCTGGCGTACTCATCCCTTAGCTGCTGAGAGTGTTGGCTGCTAATAGTTCACACTCTTTCCCTGAGGATTCCATTCAAGCCAACAATTTCAGAAAATGCCTGGAAGAGATGGGATCTCACTATGTTGTCCAGGCTGGCCTTGAACTCCTGGATTGAAGCGATCCTCCCGCCTTGGCCTCCCAAAGTGTCAATTACAAGTGTGAGCCACTGCACCCGCCCCTCATTCACTTATTTATTGACAAATGTTTACTGAGGTATTATCATATGTCAGGCATTTTTCTAGGCATTGGGAATATAGCAGTGTATAAACCTGATACTCACTGCCTTGATGGAGCGTAACTTCTGATTGTG**GCTGTTGTACAGTGGCCTGATTATAGCTCACTGTAGCCTCGAAATTCTGGGCCGAAATGATCCGCCTGCCTCAGCCTCCAAAGTAGCTGAGACTACAGGTATTGTTTGGGTTTTAATACAGACAAATCAACTCAATCAAAGAAACCAACTCAAAGAAAGATGGGTCTACATACAACAAAACTGAACAAAATCTGCAAGAAGAGTGATTCATACATGGGCTATTGAGGCAACATGAGATGGACATTAATCGACTAAGTAAAAAACAGATTTCTTGAAGAATTAATAAAGAACTTTTGTTTTGGAAACTCTGGAAGTCTCTCTTTGGCGAACACCTAGCCCCCAACTCCCAGGGCACTTCCCAGACAGCCAATGCCACATCCCAGGCAGCCCCTGCTCTGCCCTTGGGGTCTGTGCCTGGCAGAAGGGCGGCAGACCCTCGGCCCCTCTTGGCCTGGGCCCCAGCTCCTCCGGGCCCTGGAACCAGCAGAAACACCCACCCTGCGCCTGATGGACTGGACATGCTTGTTCCCATTGGTGATGGTGTGTTGGGAGGGAACTGTTTTAGAAACCAATGTAAATCTGTGTCTACATCA**

Exon 6

Exon 8

Exon 11

**Reference sequence:** <http://useast.ensembl.org/Homo_sapiens/Gene/Summary?db=core;g=ENSG00000223482;r=10:87203875-87342612>