

A

Exon 4 / Exon 5 /

Ayt11 *GAAATCAAAAAGCGAGCGACATCAGGTGGAGAATGGCCCAG**ATACTAGTTTTCCAGAAGGTA**CTTGTACTAATCGCTCCTGTTTGATTACTTTTAAACCAG**GGAGCCTTCATCCCAGGA*

Ayt11_v2 -----

Ayt11_v3 -----

Exon 6 / Exon 7 / Exon 8

Ayt11 *GTTCCAGTGCAGCCCGTCCTCCTCAGATACCCAAACAAGTTG**GATACTGTGACCTGGACCTGGCAAGGCTATACATT**CCTCCAGCTGTGTGTGCTCACTTTCTGTCAACTCTTCACGAAG*

Ayt11_v2 -----

Ayt11_v3 -----

B

180 190 200 210 220 230 240 250 260

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Ayt12 *GTLIRYIRPVFVSRSDQDSRRKTVEEIKRRAQSNGKWPQIMIF****PEGT****CTNRTCLITFKPGAFIPGVPVQPVVLRYPNKLDITWTWQGPG*

Ayt13 *GALLRFNQAILVSRHDPASRRRVVEEVRRRRATSGGKWPQVLFF****PEGT****CSNKKALLKFKPGAFIAGVPVQPVLIIRYPNSLDTTSWAWRGPG*

Ayt11_v1 *GRLLRALQPVLVSRVDPDSRKNTINEIKKRATSGGEWPQILVF****PEGT****CTNRSCLITFKPGAFIPGVPVQPVLLRYPNKLDTVTWTWQGYT*

Ayt11_v2 *GRLLRALQPVLVSRVDPDSRKNTINEIKKRATSGGEWPQ* DTVTWTWQGYT

Ayt11_v3 *GRLLRALQPVLVSRVDPDSRKNTINEIKKRATSGGEWPQEPSSQEFQCSPSSSDTQTSWIL*Stop*