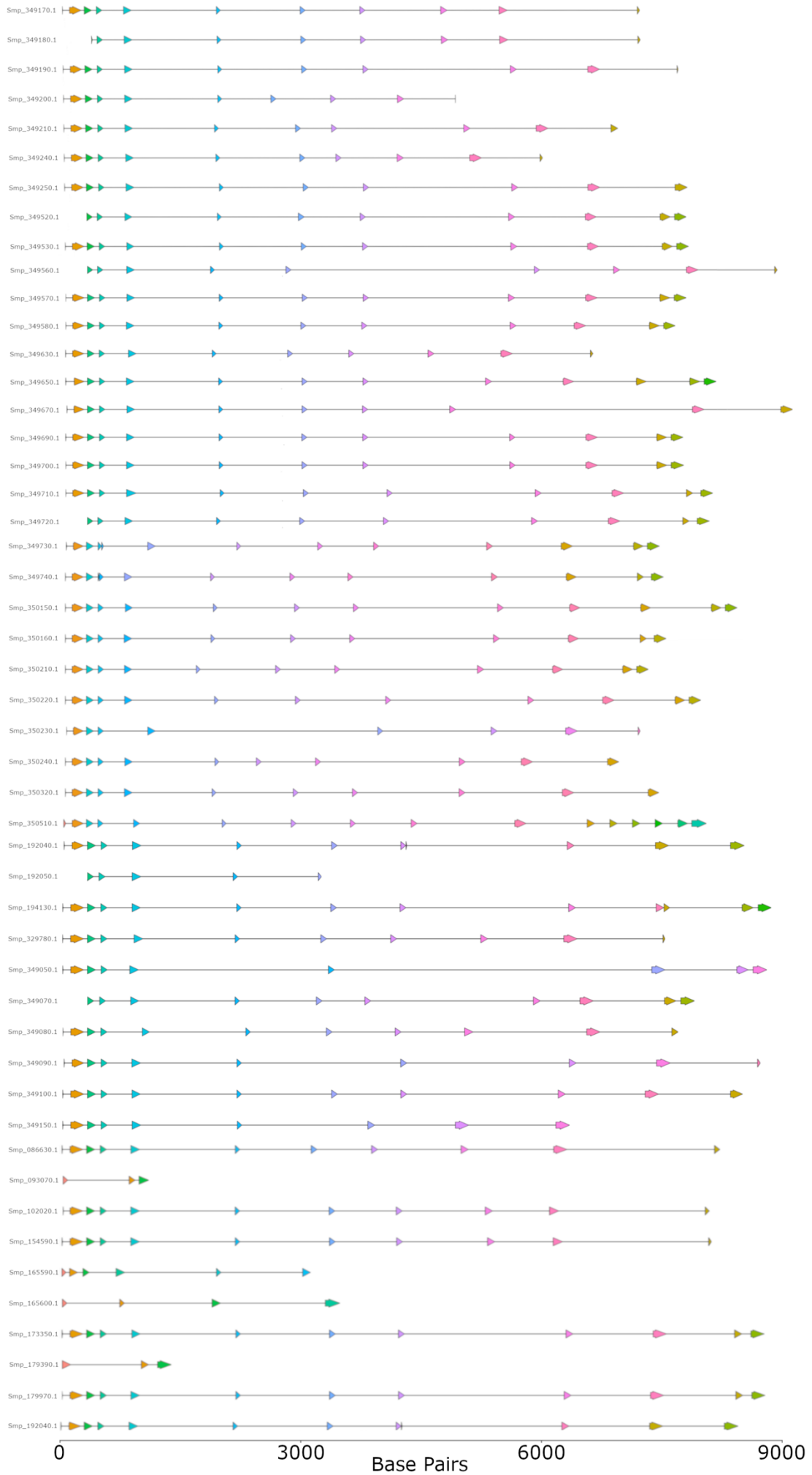


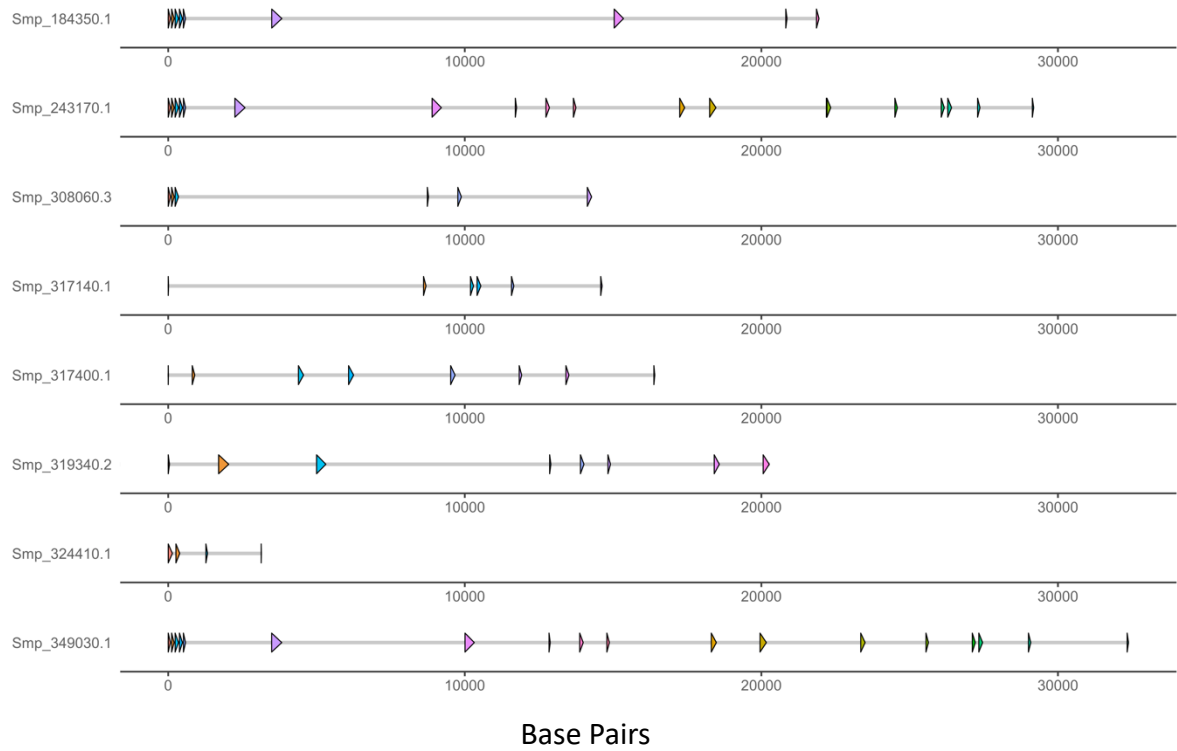
A

Hypothetical Protein



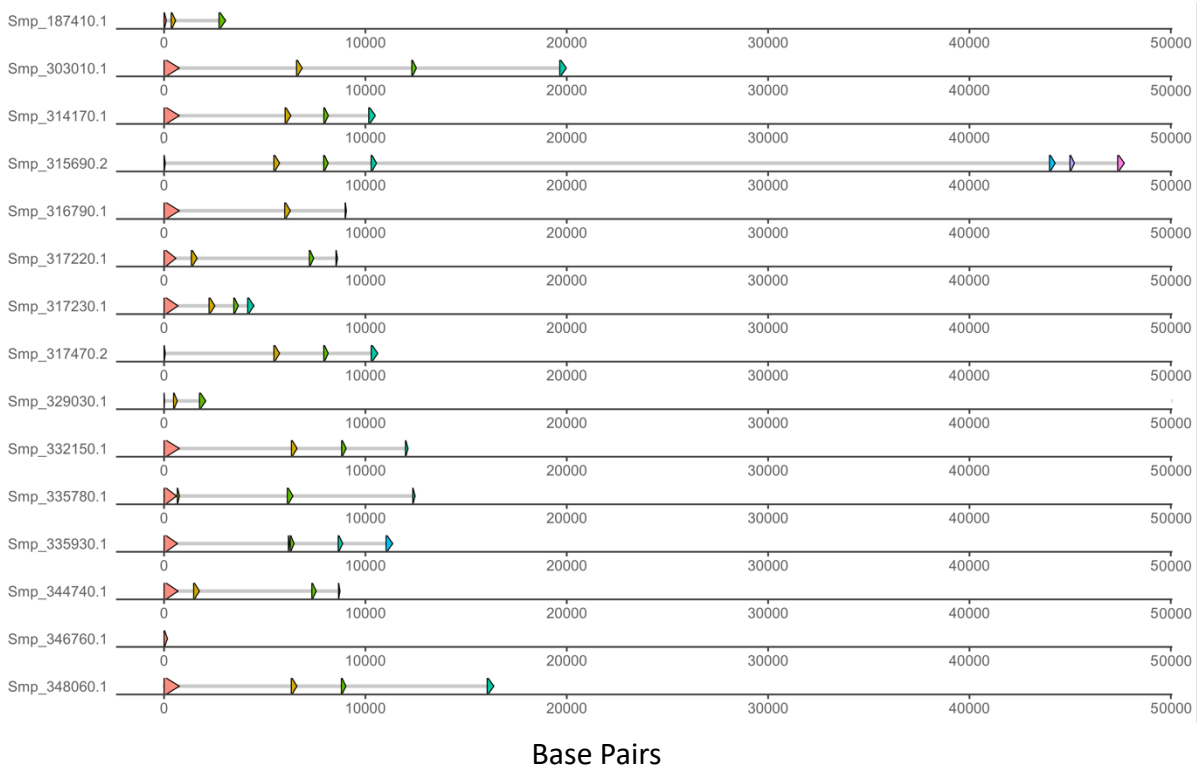
B

Conserved Oligomeric Golgi Subunit 4



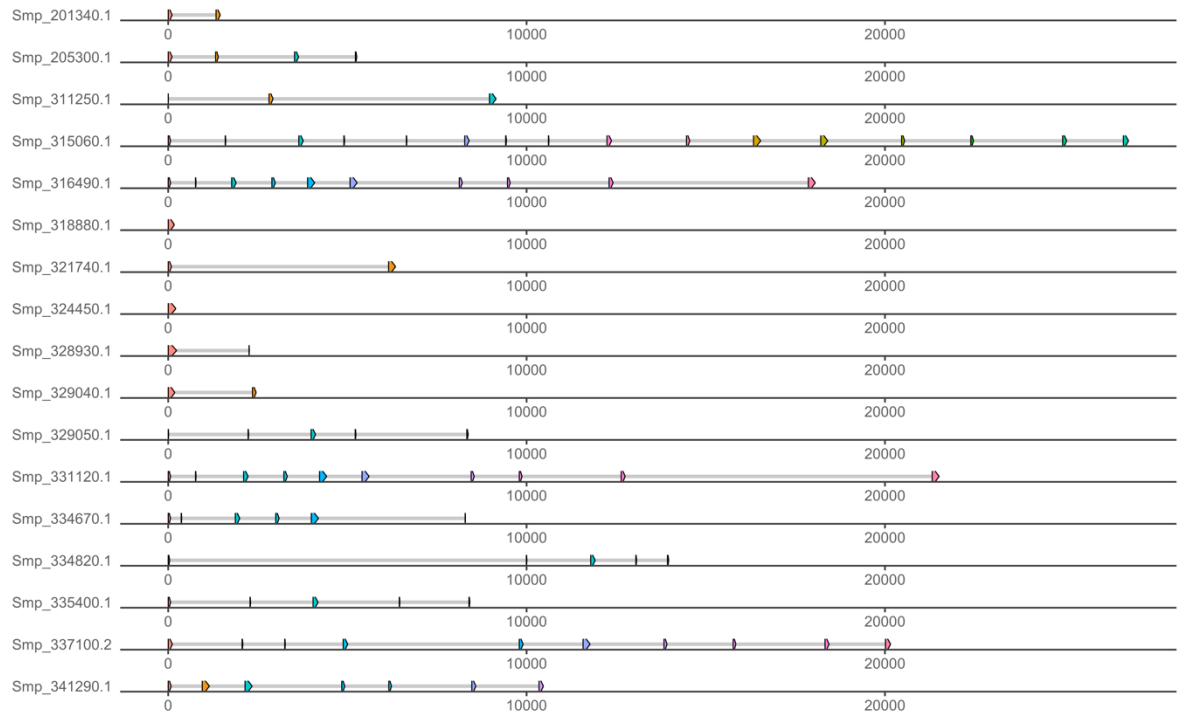
C

Endoglycoceramidase

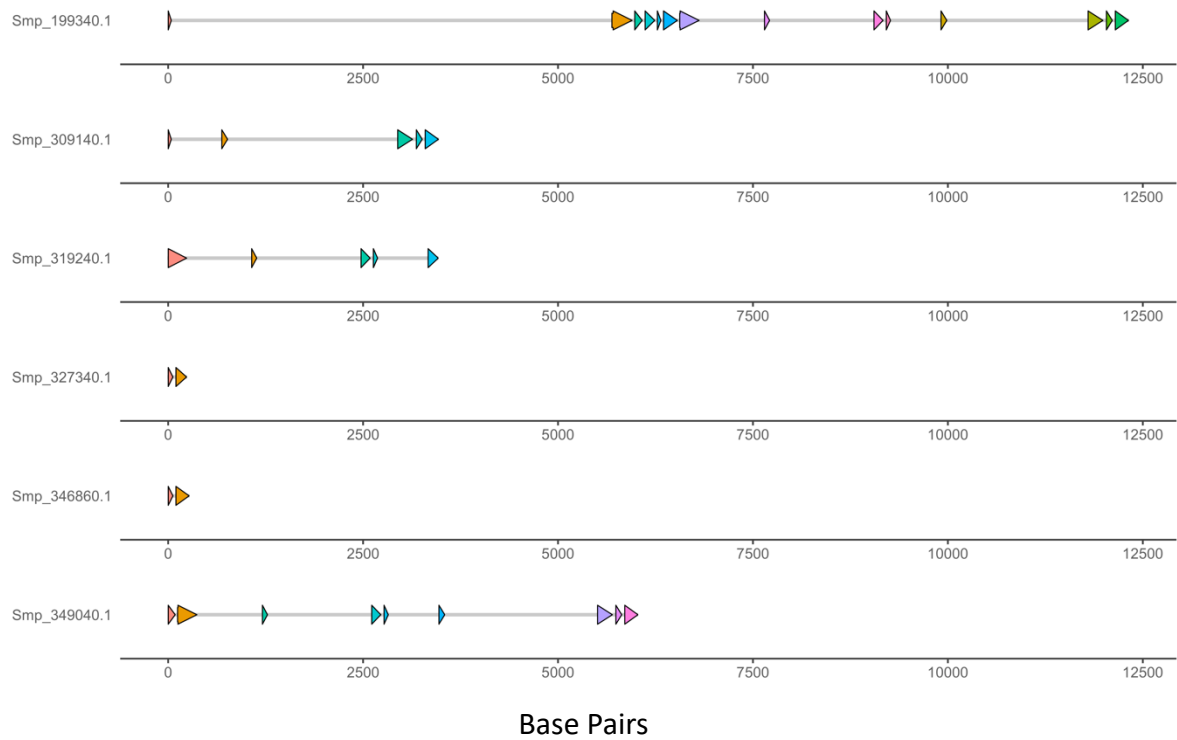


D

Annexin



Base Pairs

E**Mitochondrial Aspartate tRNA ligase**

Supplementary Figure 6 - Gene models of genes that form the large subtelomeric segmentally duplicated gene clusters. (A) Hypothetical protein, (B) Conserved oligomeric golgi subunit 4, (C) Endoglycoceramidase, (D) Annexin, (E) Mitochondrial aspartate tRNA ligase clusters respectively. Arrows indicate exons (only coding sequences, excludes UTRs) for each gene, coloured by exon number except for the case of the hypothetical protein cluster. Seven genes (marked with asterisks) are lacking the canonical (as defined by the 39 “full length” gene models) first and second exons. These models were aligned and coloured relative to the third exon (for example Smp_349650.1).