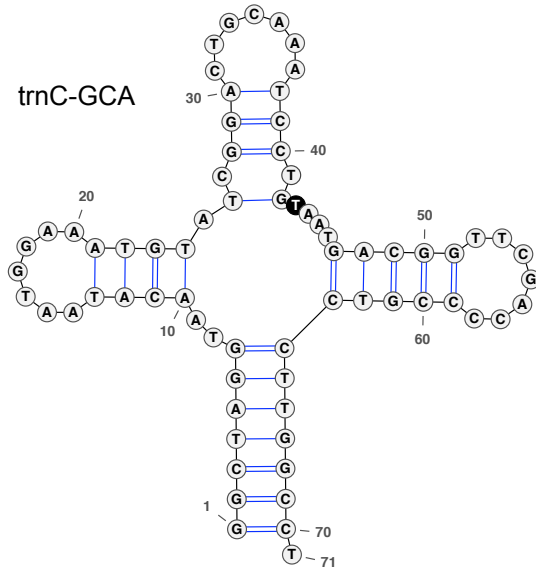
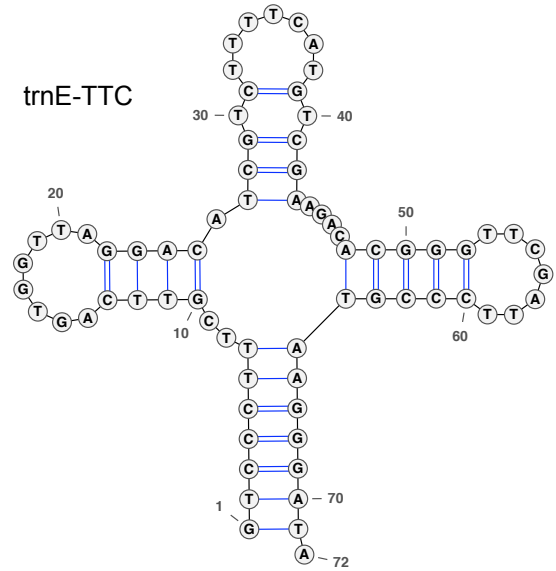


# Native tRNAs

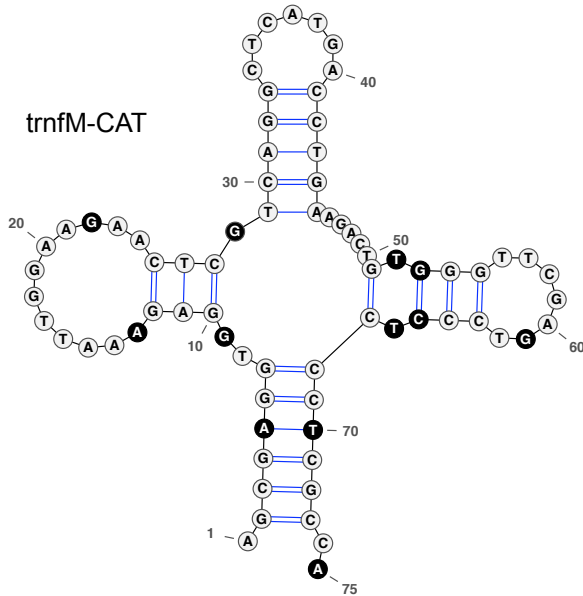
trnC-GCA



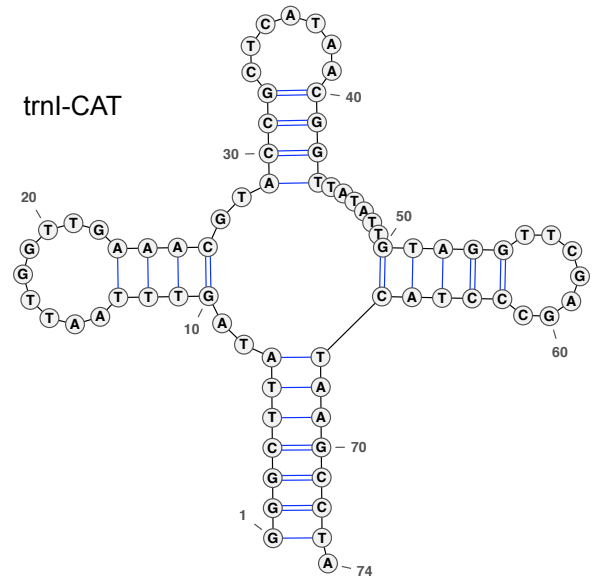
trnE-TTC



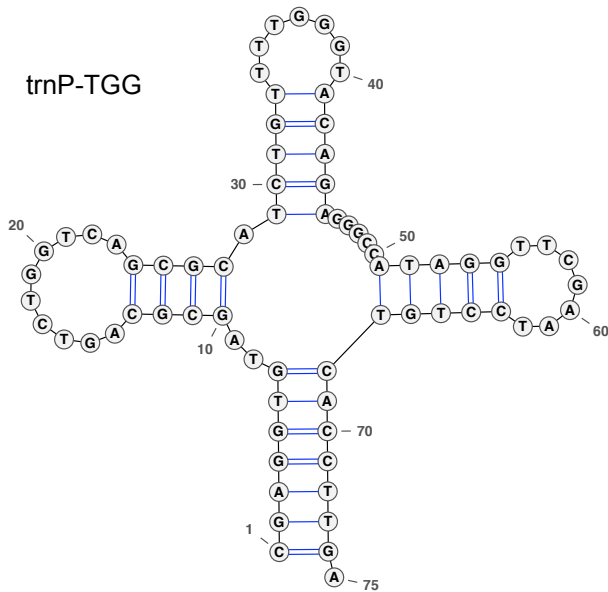
trnM-CAT



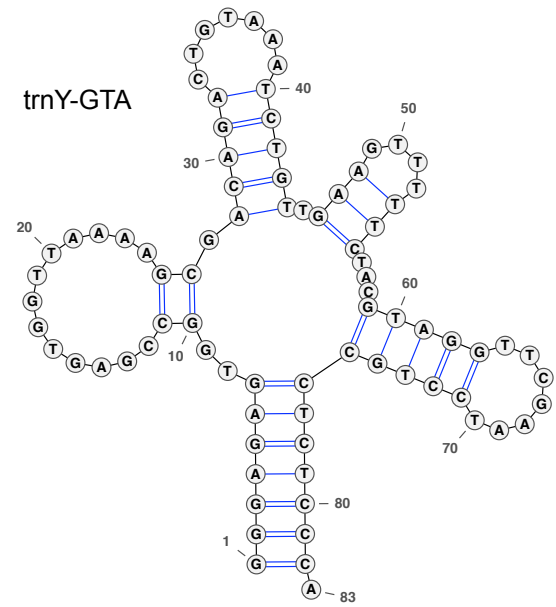
trnI-CAT



trnP-TGG

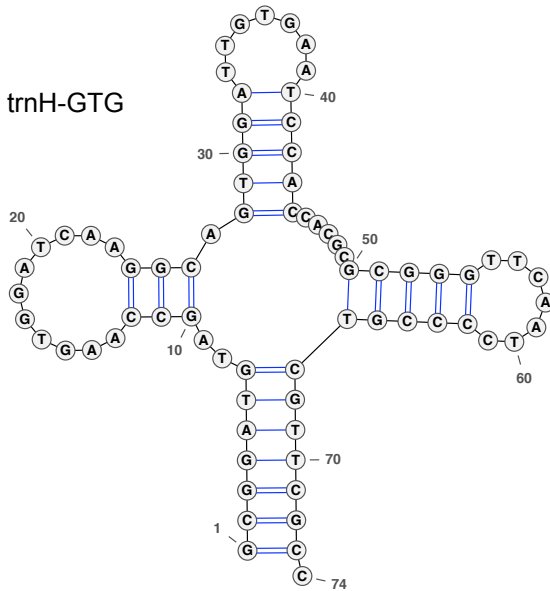


trnY-GTA



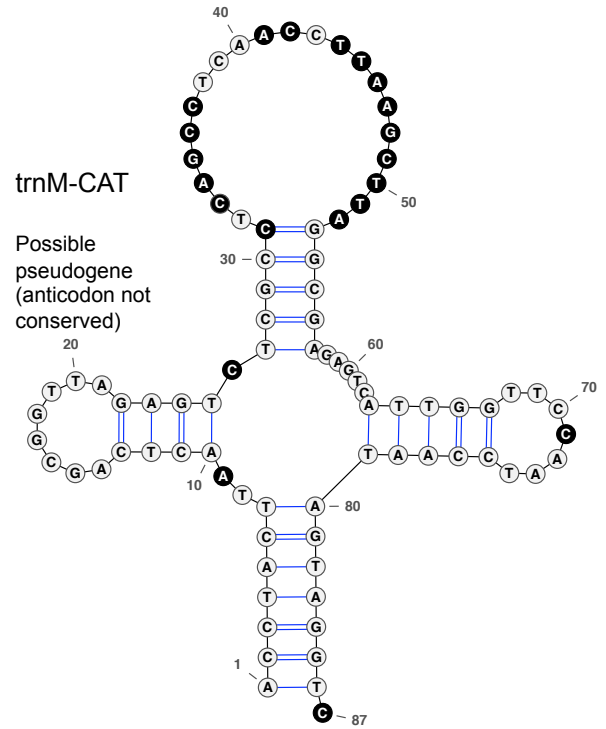
# Chloroplast-like tRNAs

trnH-GTG

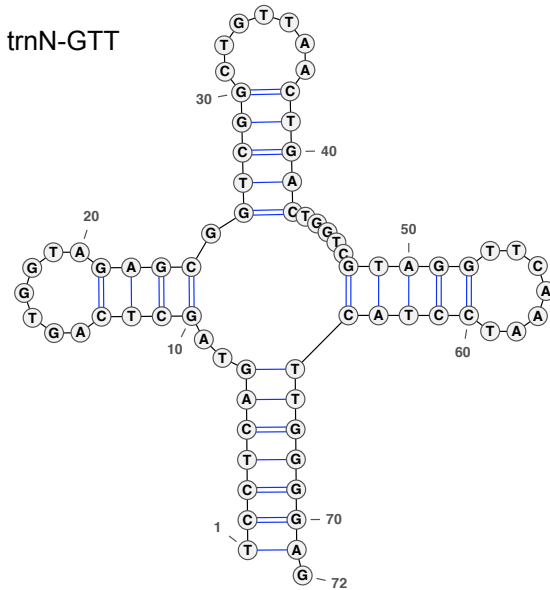


trnM-CAT

Possible  
pseudogene  
(anticodon not  
conserved)

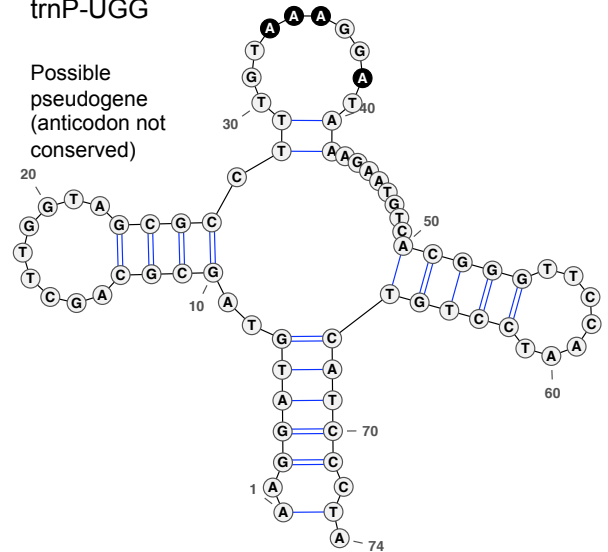


trnN-GTT

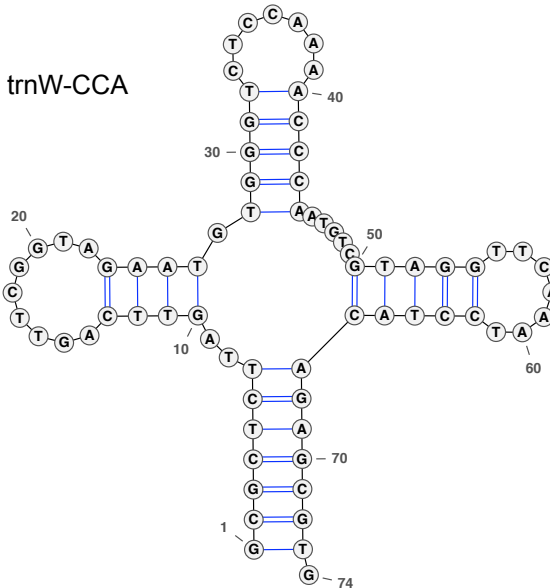


trnP-UGG

Possible  
pseudogene  
(anticodon not  
conserved)



trnW-CCA



**Additional File 2.** Secondary structures for the 11 tRNA genes identified in the *Silene latifolia* mitochondrial genome. The structures were determined by tRNAscan-SE and drawn with VARNA. Black circles indicate sites that have experienced a substitution or an insertion in the *S. latifolia* lineage since its divergence from *Beta*.