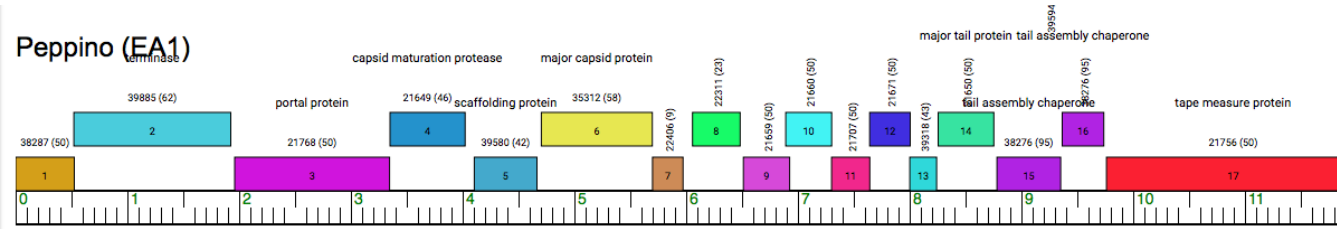
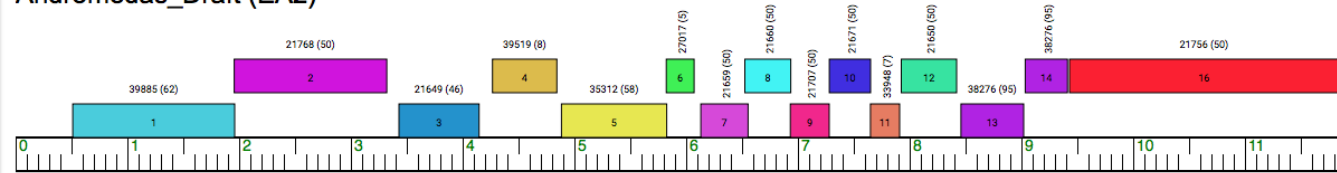


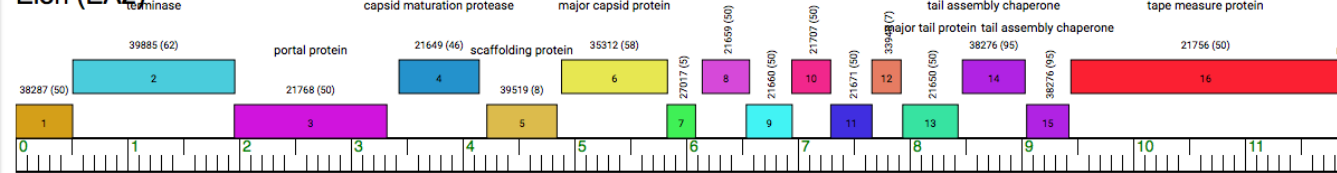
Peppino (EA1)



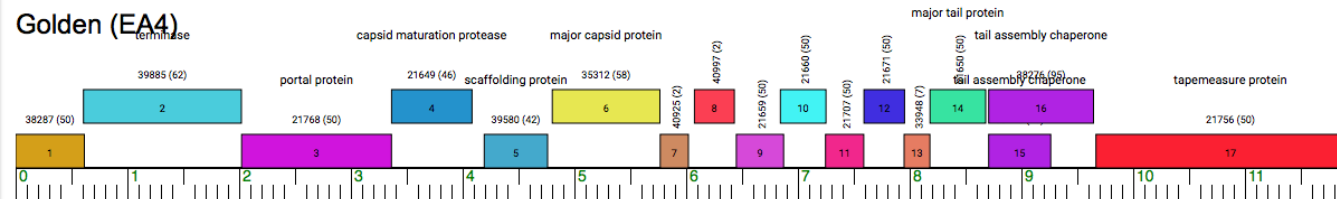
Andromedas_Draft (EA2)



Eleri (EA2)



Golden (EA4)



Non-draft genomes without the frameshift annotated.

Golden (EA4) is what I used for the alignment.

Frameshift should be here and shift to +2 frame. But, there's a stop here.

Start pos	Mouse pos
8955	9000
F M S W Q N S S G E I S I R P T K	
H V L A E L V G * D L H P P Y E	
S C P G R T R R V R S P S A L R N	
TTCATGTCCTGGGCAGAACTCGTCCGGGTGAAGATCTCCATCCGCCCCTACGAA	
AAGTACAGGACCGTCTTGAGCAGCCCACTCTAGAGGTAAGGCGGGGATGCTT	
T * T R A S S T P H S R W G G * S	
E H G P L V R R T L D G D A R R	
N M D Q C F E D P S I E M R G V F	

Is it possible that a point mutation changed from a G→T at this location and throws off the frameshift?