**Chymera Annotation Review Notes**

Checked validation. Received 2 errors: 20628 – 20778, Invalid Stop Codon AGT, Not In Frame and 28151 - 28360 Invalid Stop Codon CCC 1 In-frame Stop Codons. For first found that gene was called with an extra bp at the end of the ORF. Corrected ORF length. For the 2nd one found that an extra 3 bp had been called after the stop codon. Corrected length. All genes now appear valid.

Changed start of gene called at 4792 to 4693 to close gap and give 1:1 match with best BLAST hits.

Added gene at 17698 to 18036 to close gap and replace REV gene that was originally called by GL but deleted by students. New gene has 1:1 match and some coding potential.

Looked at 300bp gap between gp34 rev and gp33 rev. No good ORFs or coding potential to fill gap.

Start at 52

CHECK:

Finalize gp11 function (head-to-tail connector or not?)

Check gp19 function (tail?)