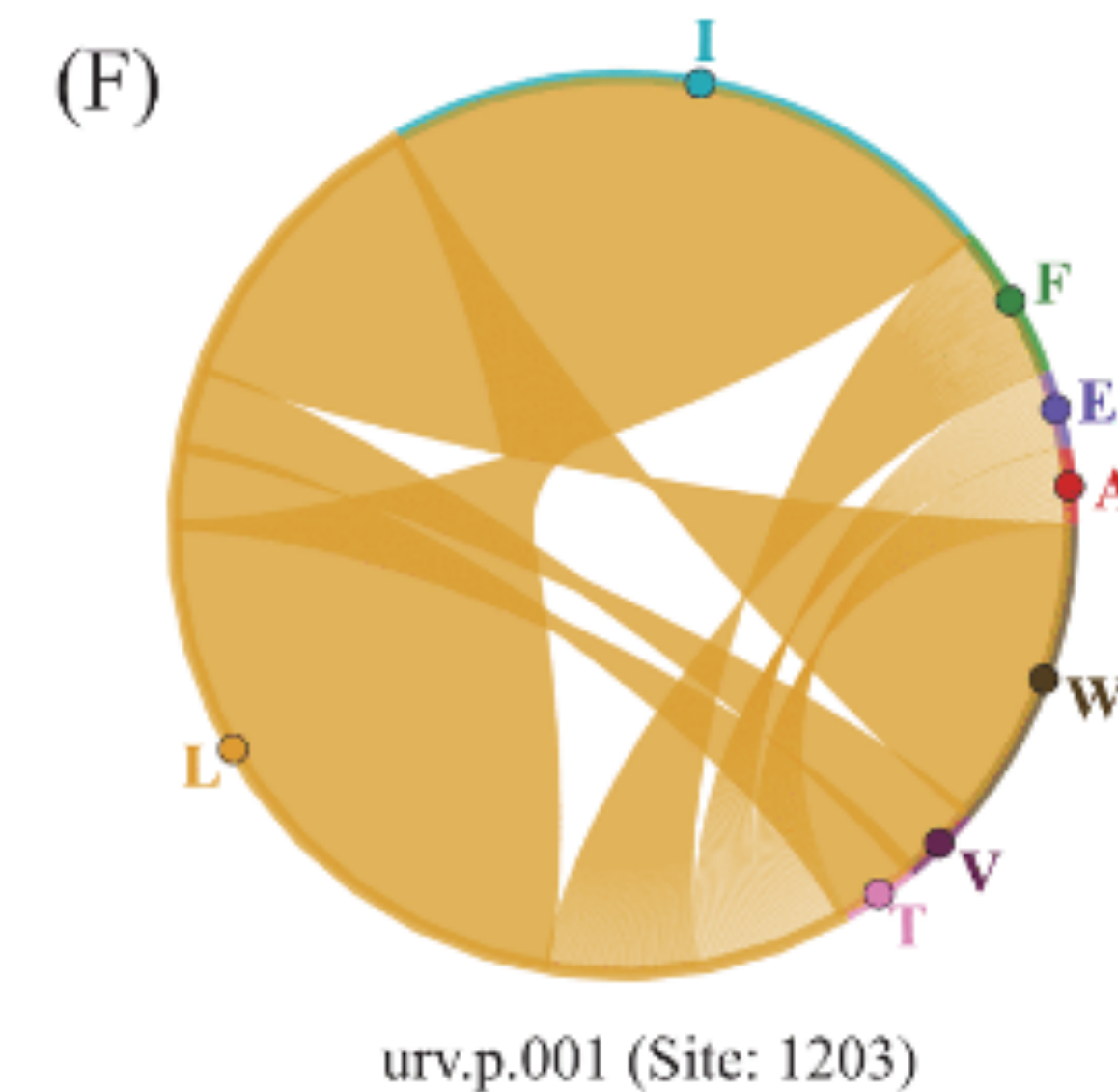
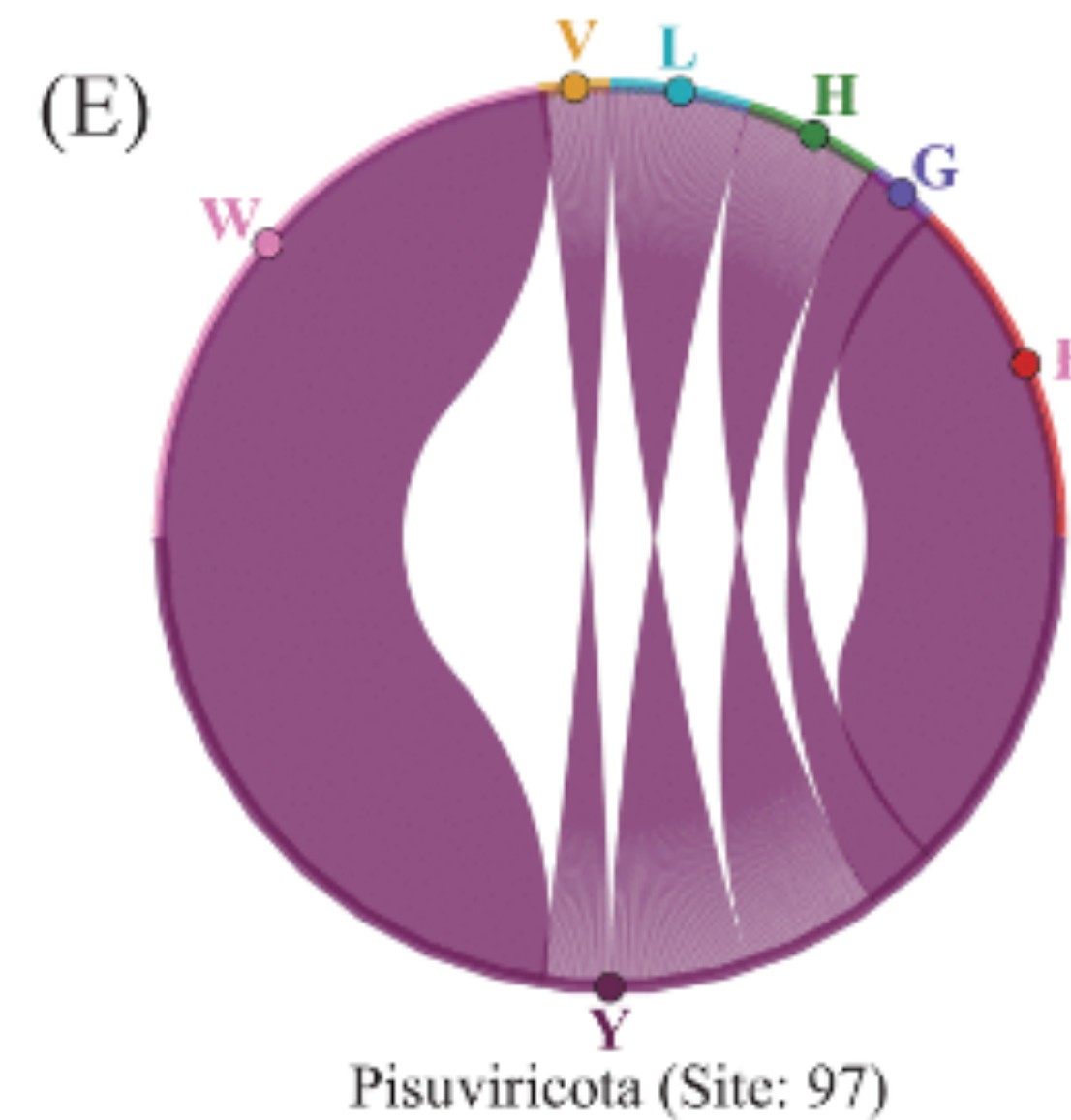
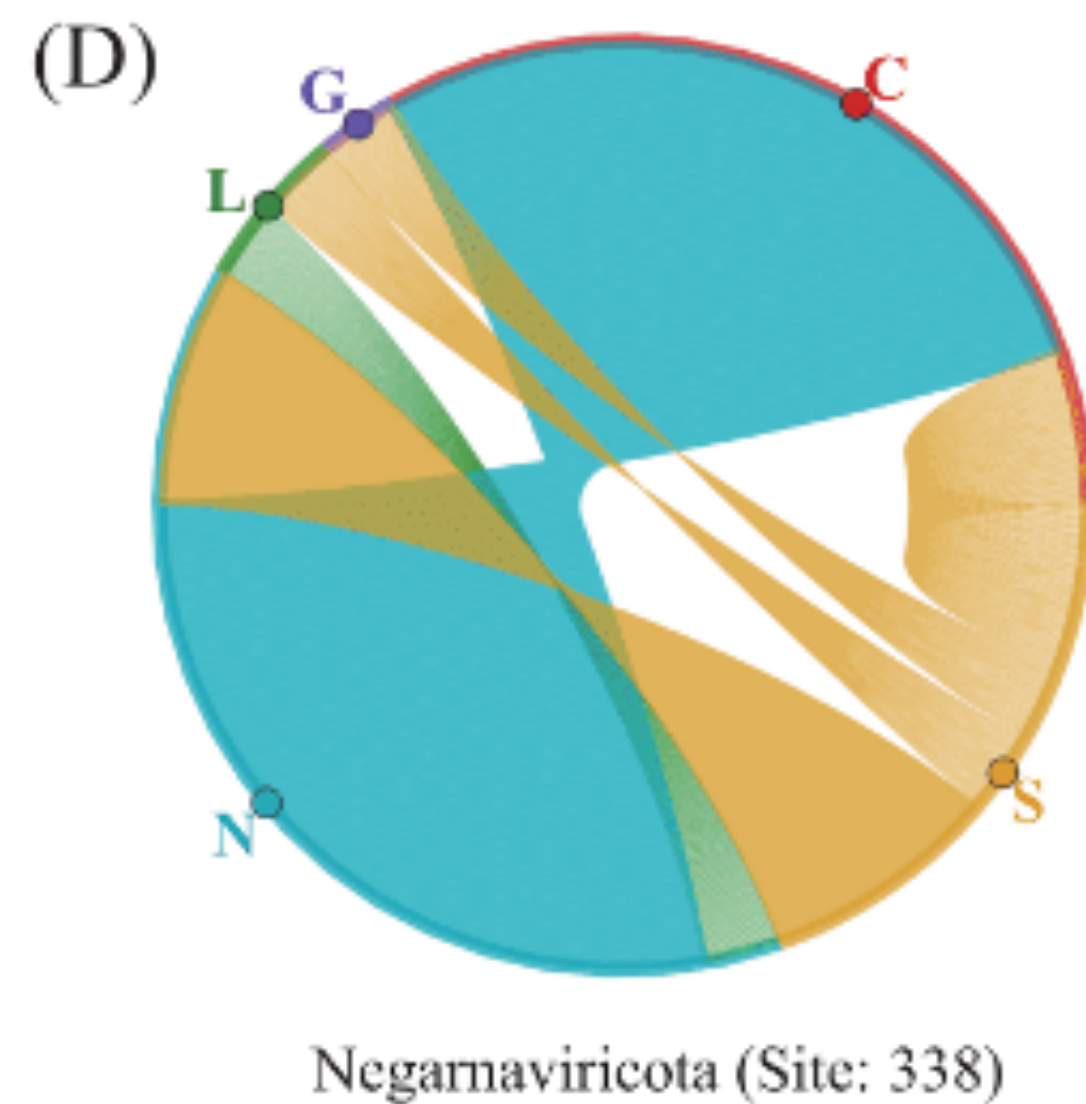
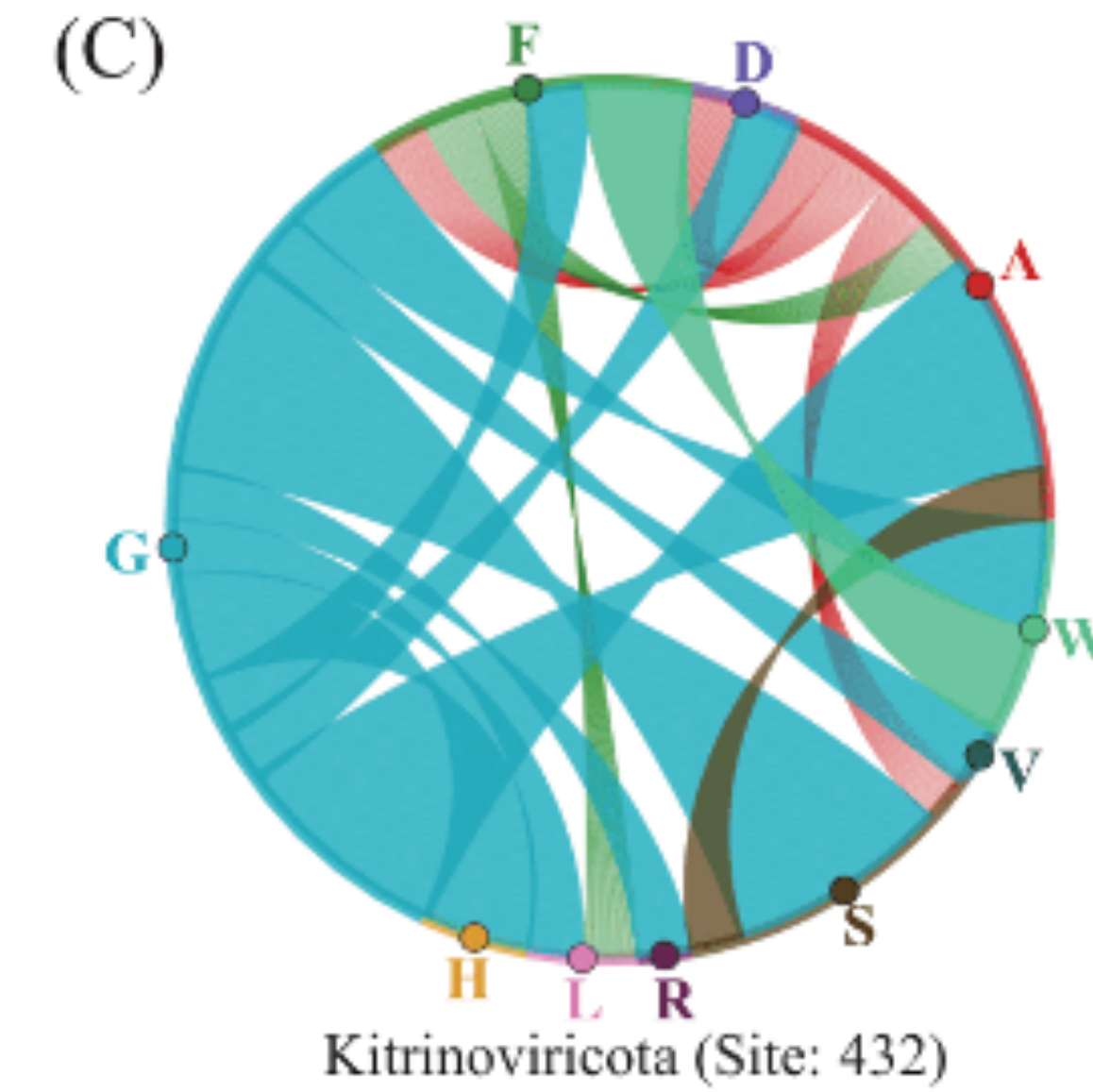
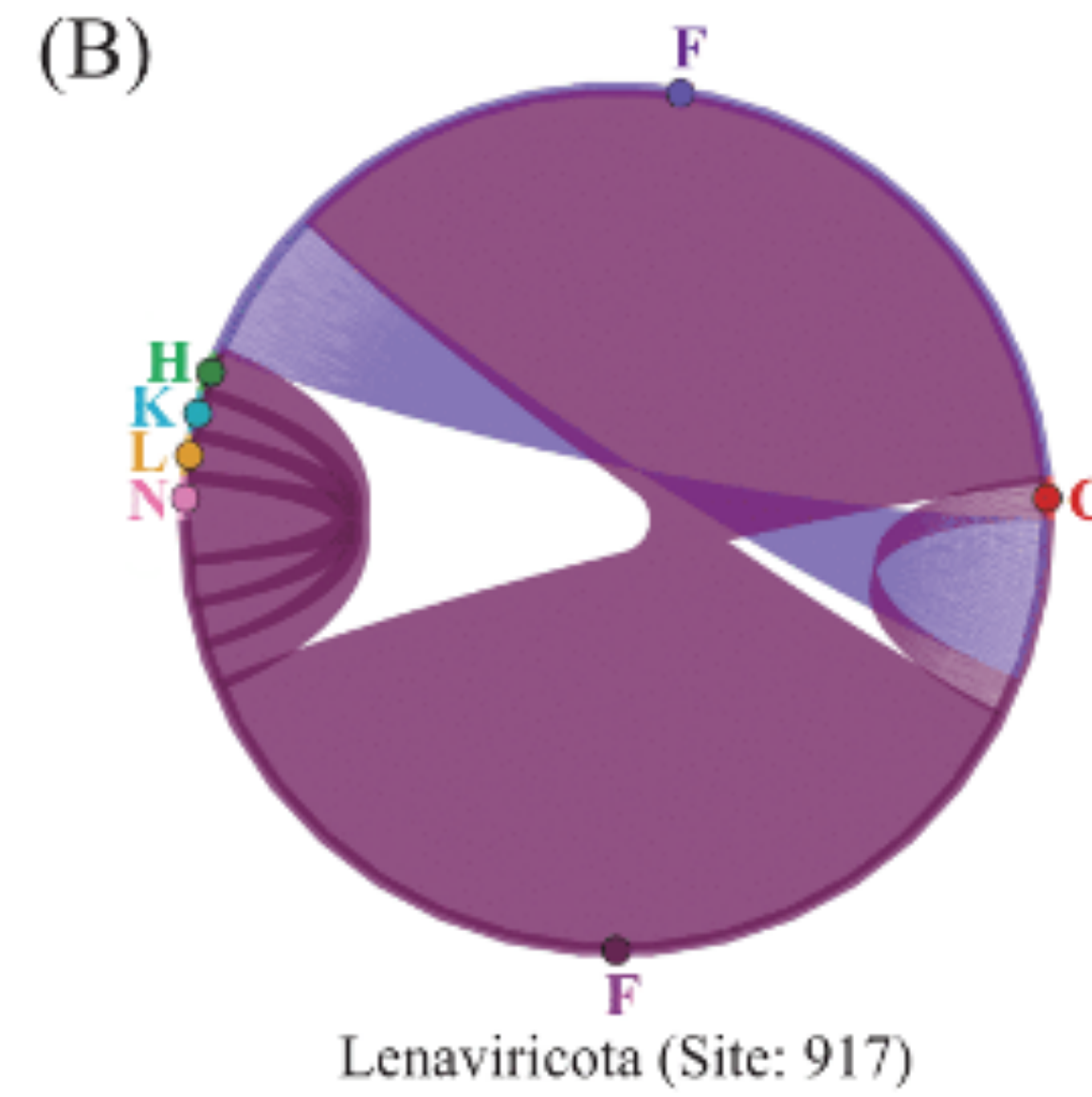
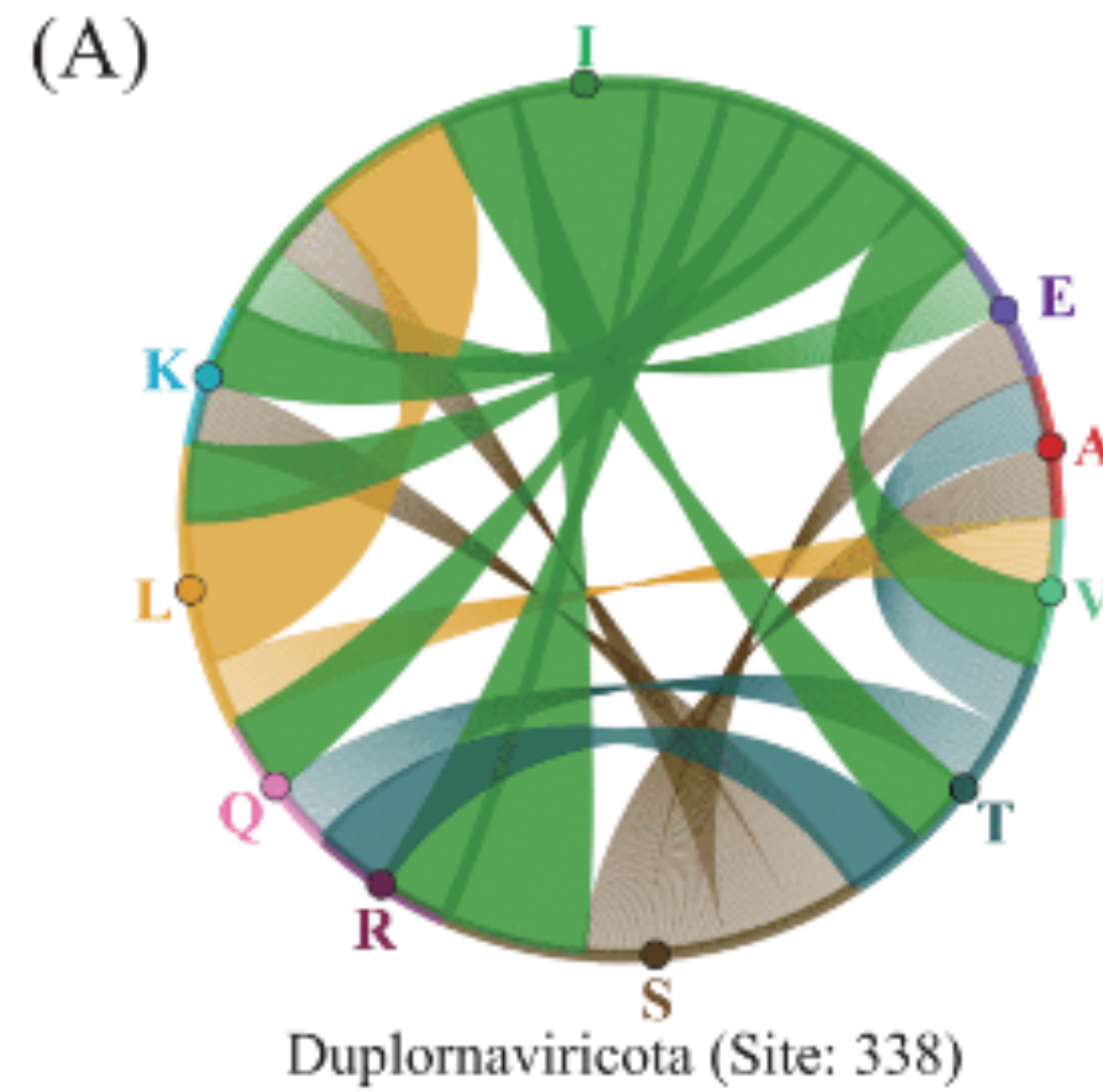


Evidence of directional selection in RNA viral clades



Tracking spatial mutational signatures

