## Result from some diversity studies

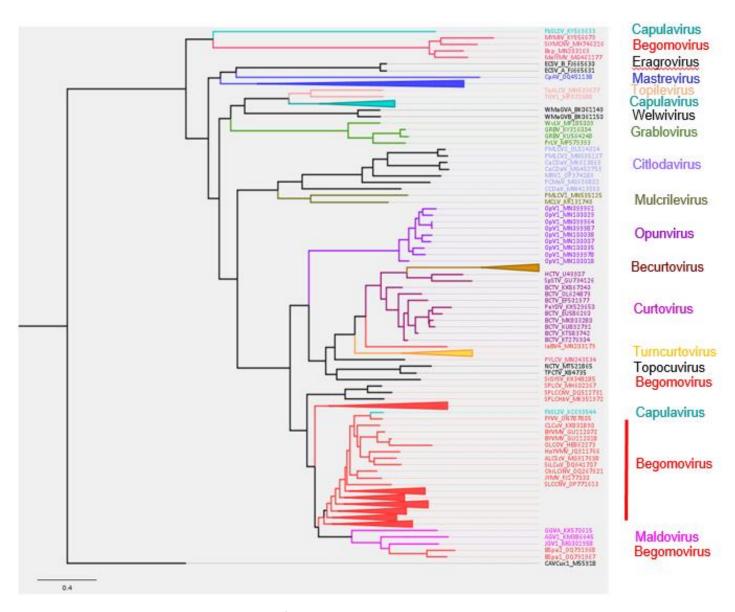


Figure 1 phylogenetic reconstruction using of DNA – A and monopartite genome

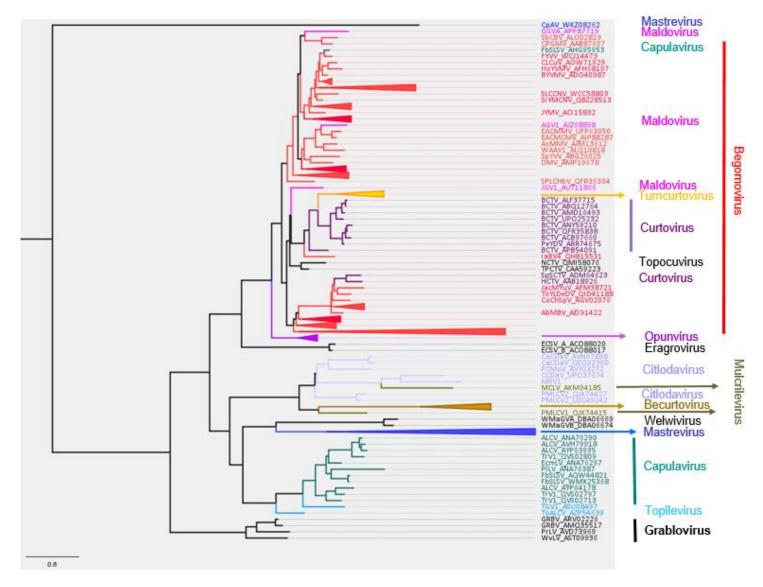


Figure 2 shows the phylogenetic reconstruction with the rep protein

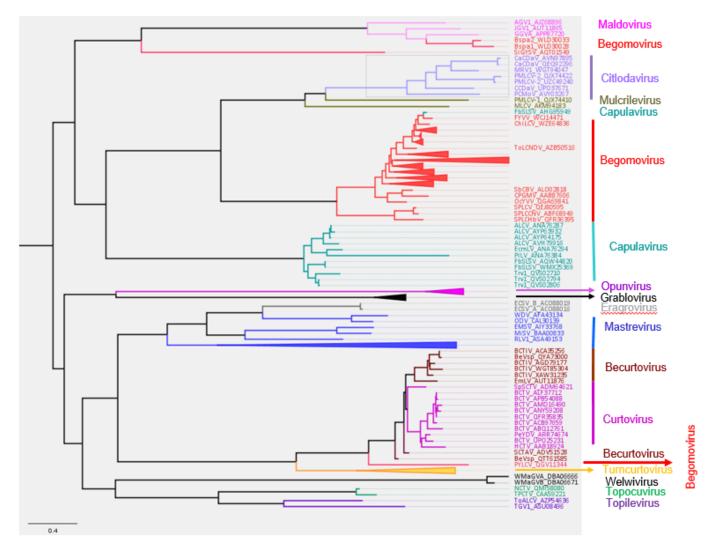


Figure 3 shows the phylogenetic reconstruction with the coat protein

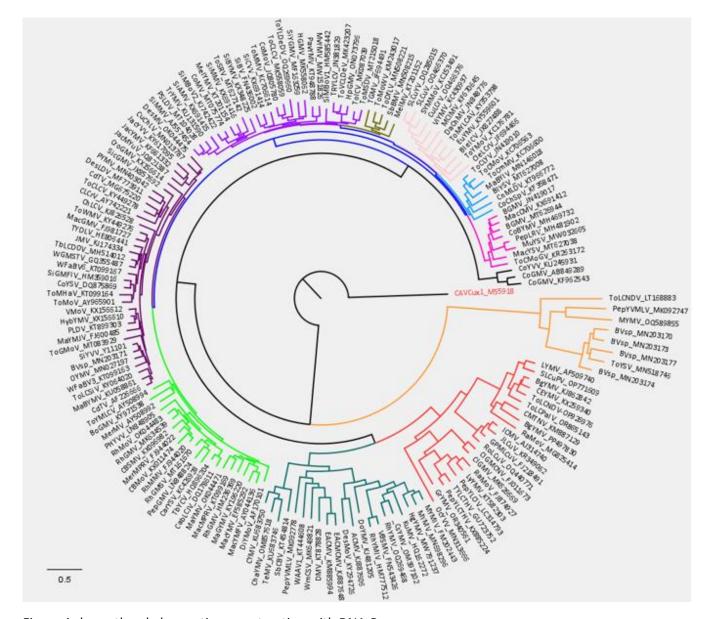


Figure 4 shows the phylogenetic reconstruction with DNA-B

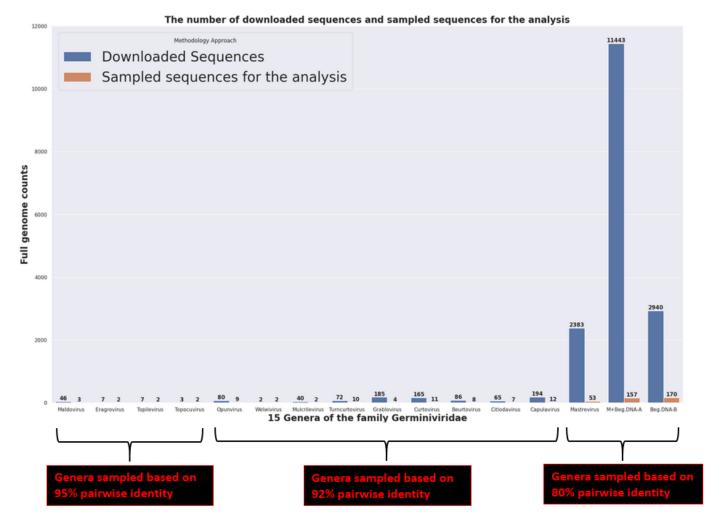


Figure 5 shows the sampled sequences

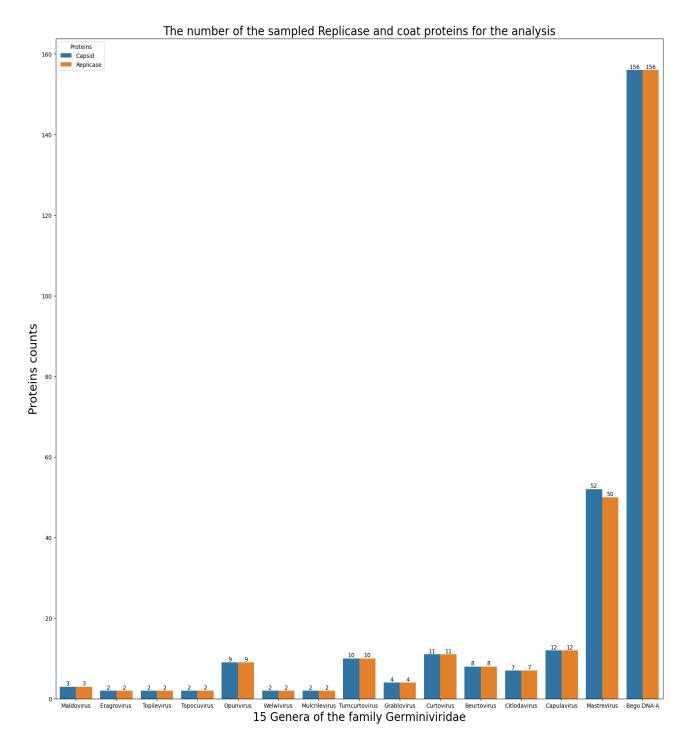


Figure 6 shows the sampled proteins

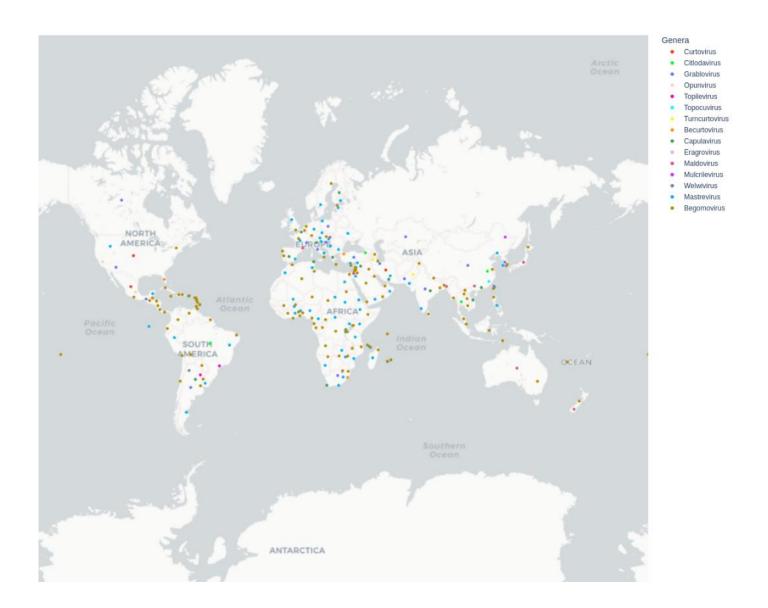
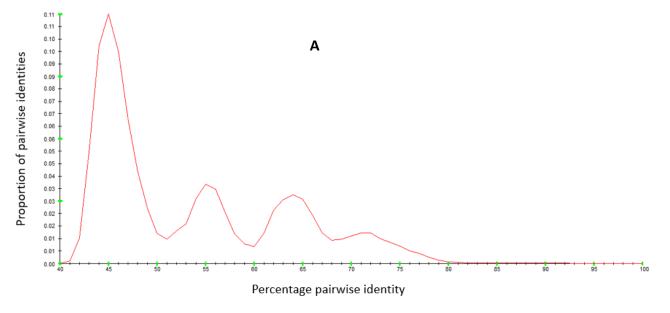


Figure 7 shows the global distribution



Pairwise identity similarity of the sampled dipartite DNA-B

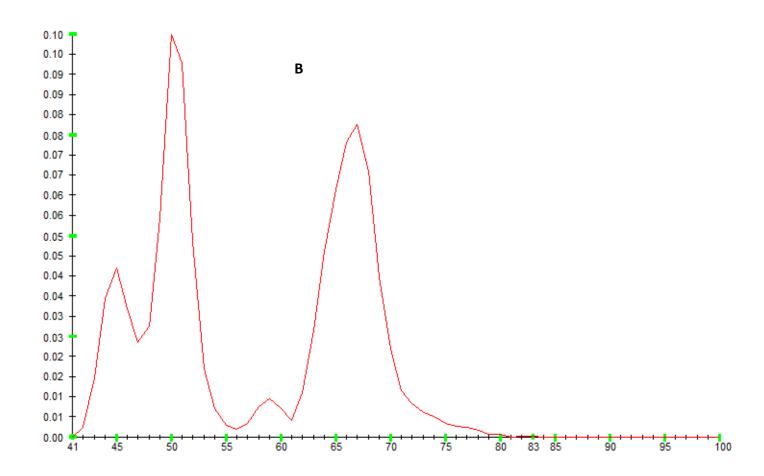


Figure 8 shows the pairwise identity similarity of (A) monopartite and DNA-A of dipartite genomes, (B) dipartite DNA-B.