Virus data Base

Number of overlaps (y-axis), Number of ORFs (x-axis)

Legend:
- dsDNA
- Unknown
- dsRNA
- ssDNA
- (−) ssRNA
- (+) ssRNA
- RTviruses
- (circular) ssRNA

Baltimore classification of data base

- ds_RNA 1425
- RT_viruses 208
- ds_DNA 3404
- circular_ss 39
- ss_DNA 1777
- Unknown 1963
- ss_RNA_− 1241
- ss_RNA_+ 1834

Baltimore classification of data base

- Unknown
- ss_RNA_+
- ss_RNA_−
- ss_DNA
- RT_viruses
- ds_RNA
- ds_DNA
- circular_ss_RNA

(x-axis: 0, 500, 1500, 2500, 3500)

Unknown Baltimore classification

- RT_RNAs 208 / 1425
- ds_DNA 3404
- circular_ss
- ss_RNA_+ 1834
- ss_DNA 1777
- ss_RNA_− 1241
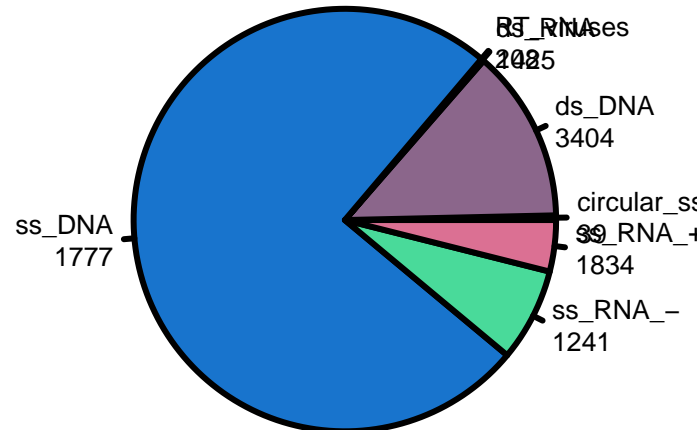
Viruses with no overlaps

Families of viruses with no overlaps

Number of proteins
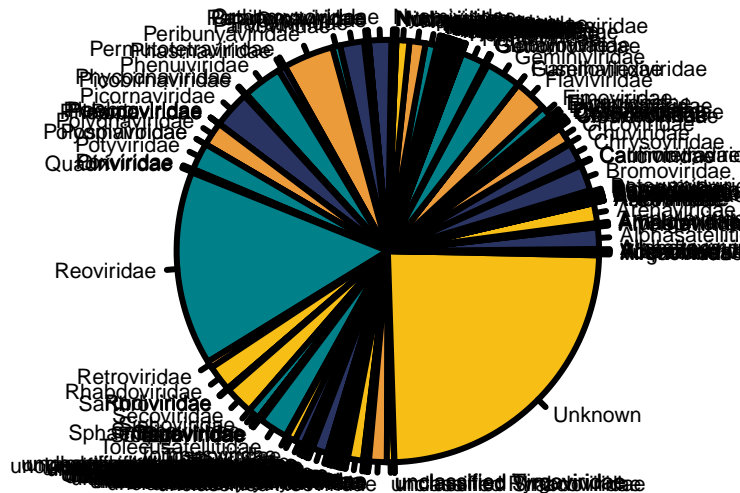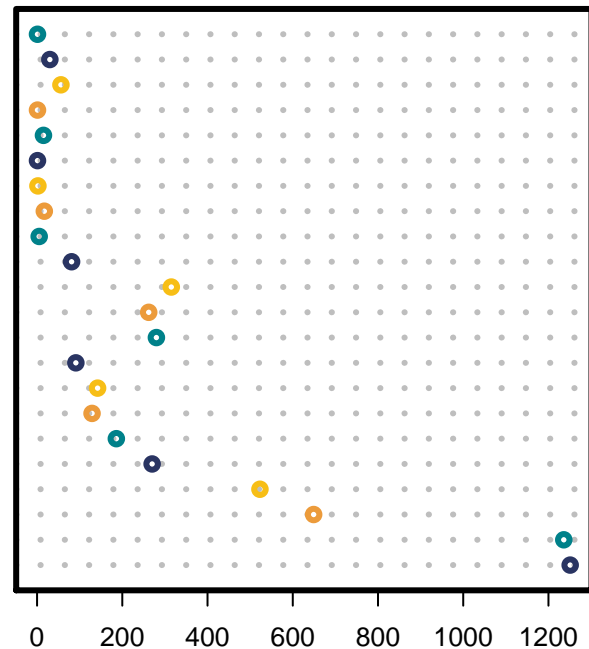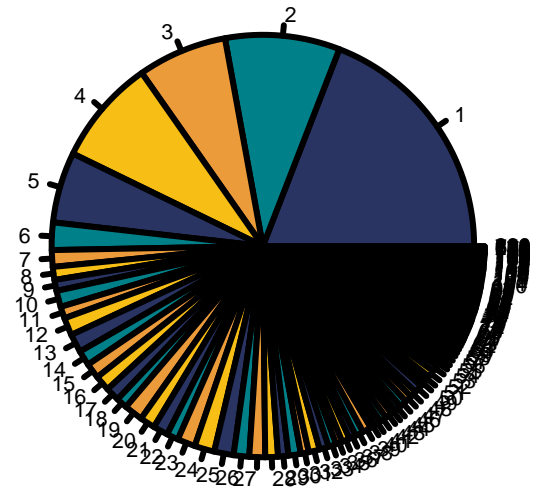

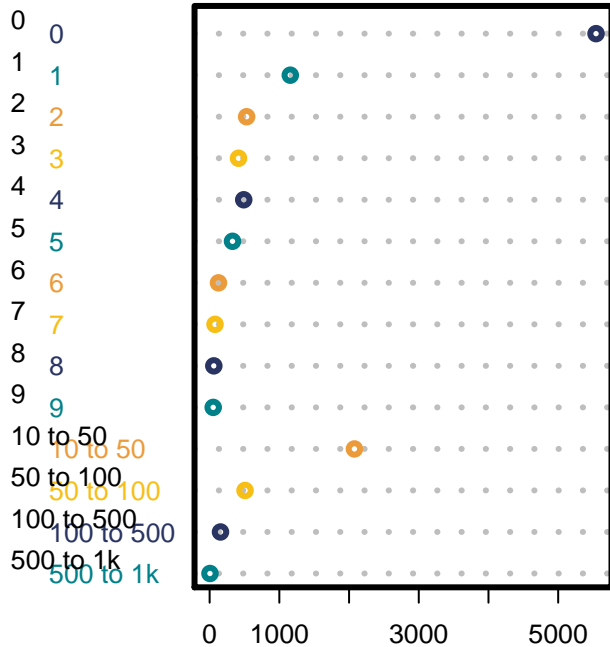## Families with one protein
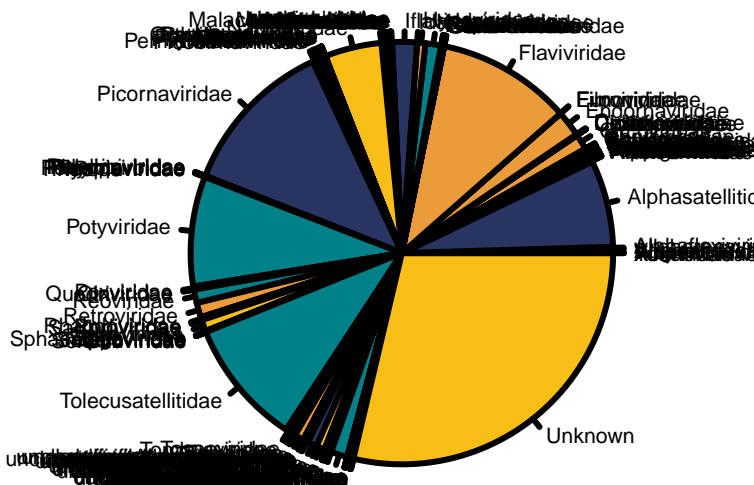
Families with more than 12 proteins
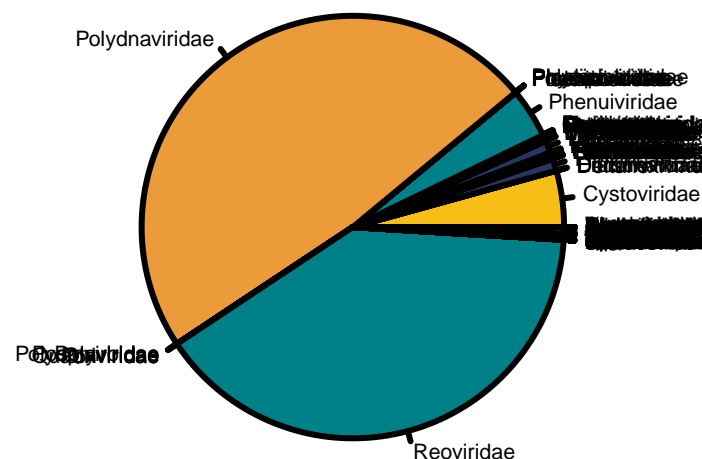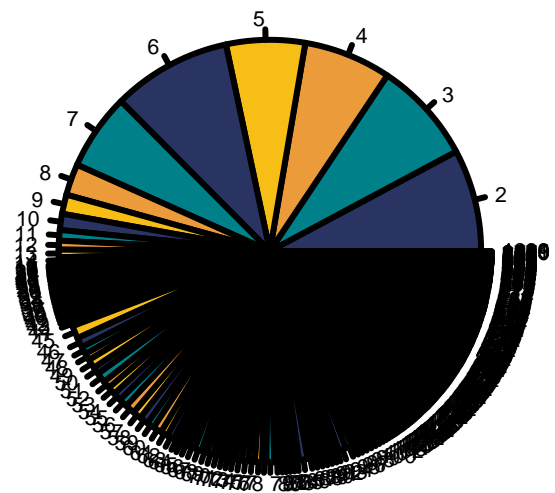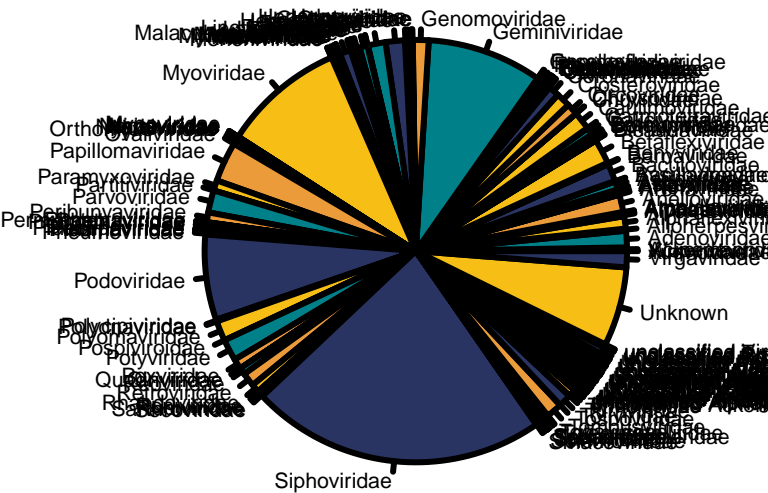
Viruses with at least one overlap

Number of proteins

Number of overlaps

Families with more than one overlap

Number of proteins

Families with overlaps larger than 3000 nt

Coronaviridae
Flaviviridae
Closteroviri
Mesoniviridae
Astrovirida
Picornaviridae
Virgaviridae
Roniviridae
Tobaniviridae
Togaviridae
Unknown
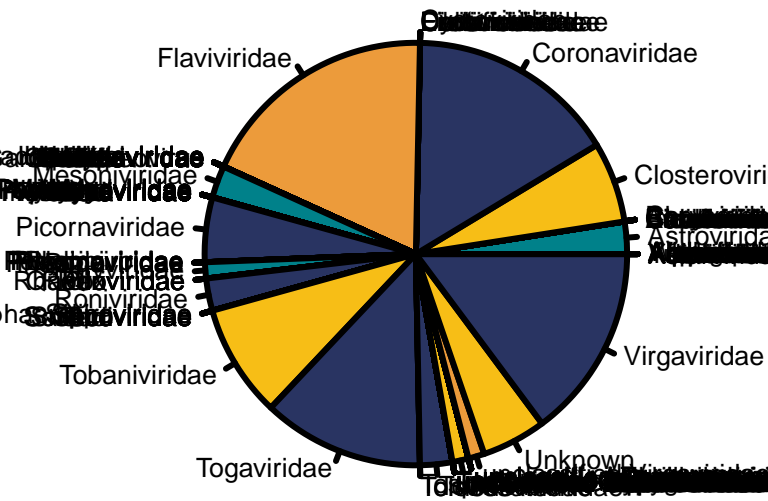
Number of overlaps

Long overlaps

- (+) ssRNA
- dsDNA
- Unknown
- dsRNA
- ssDNA
- (−) ssRNA
- RTviruses
- (circular) ssRNA

Medium overlap Lenght

Genome Length