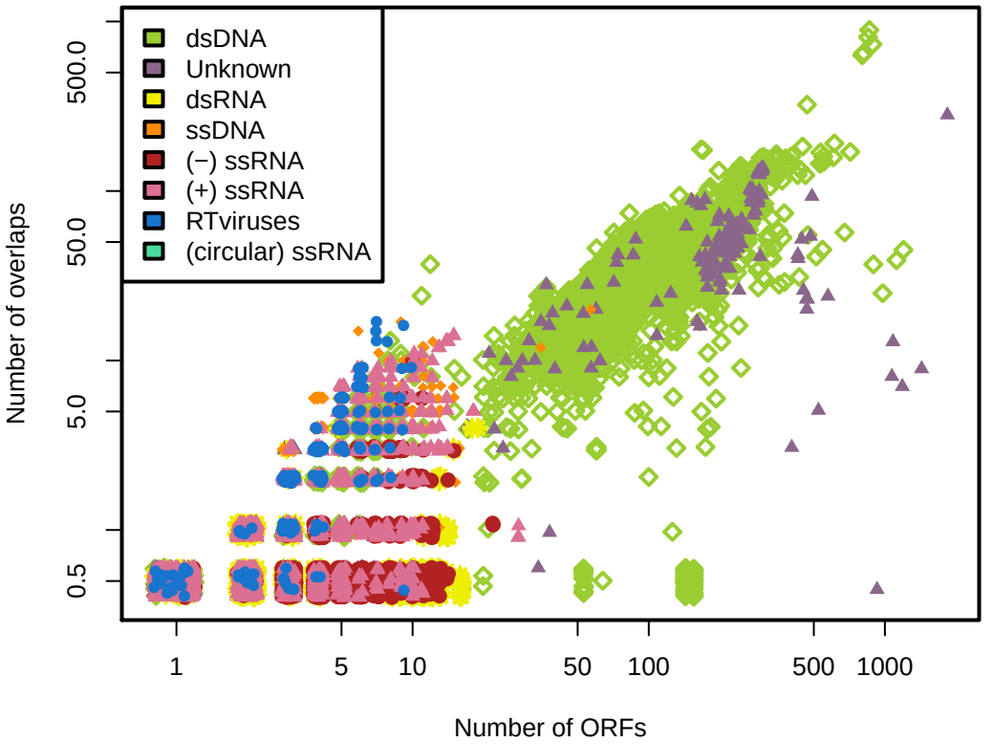
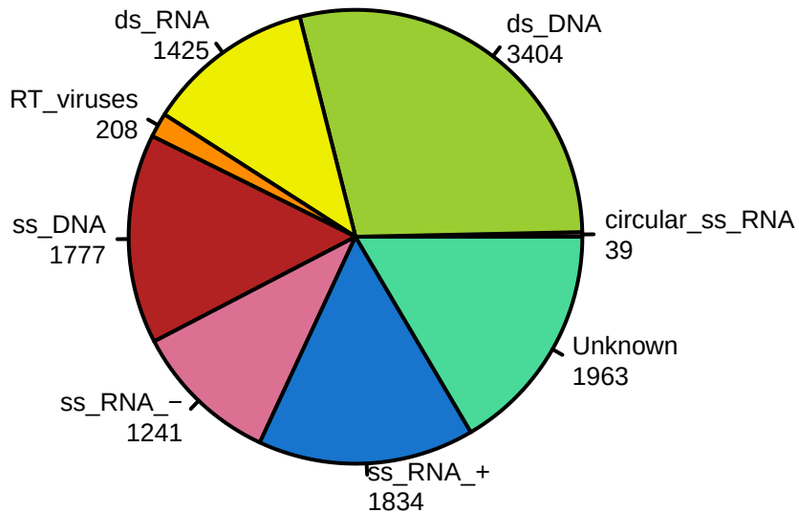
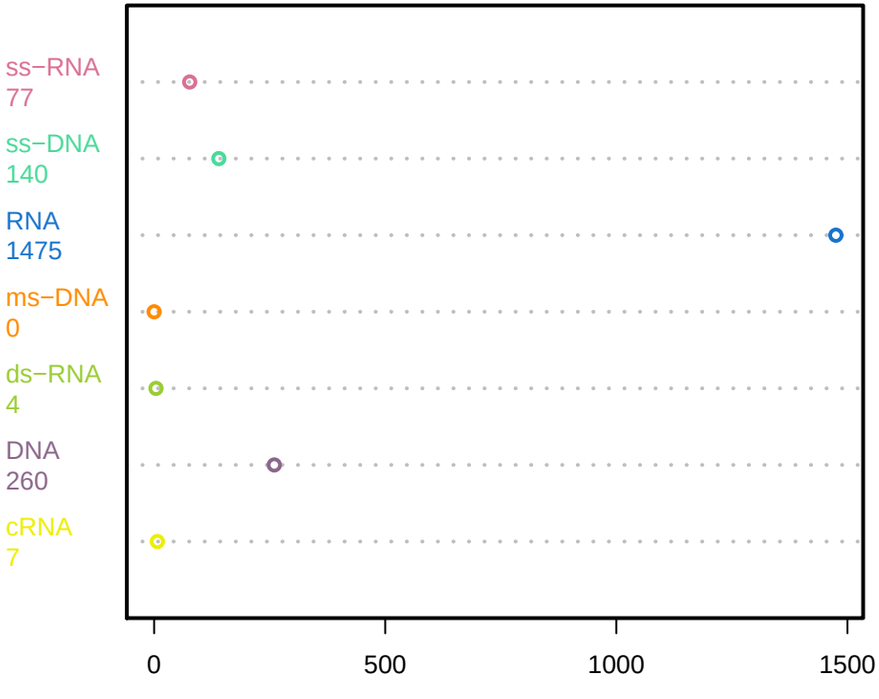
Virus data Base



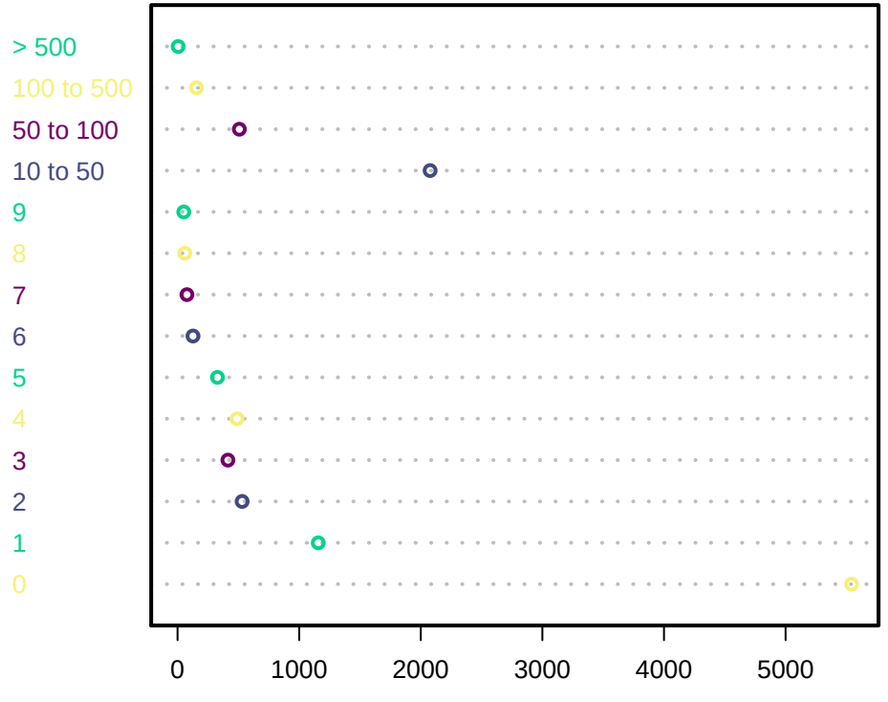
Baltimore classification of data base



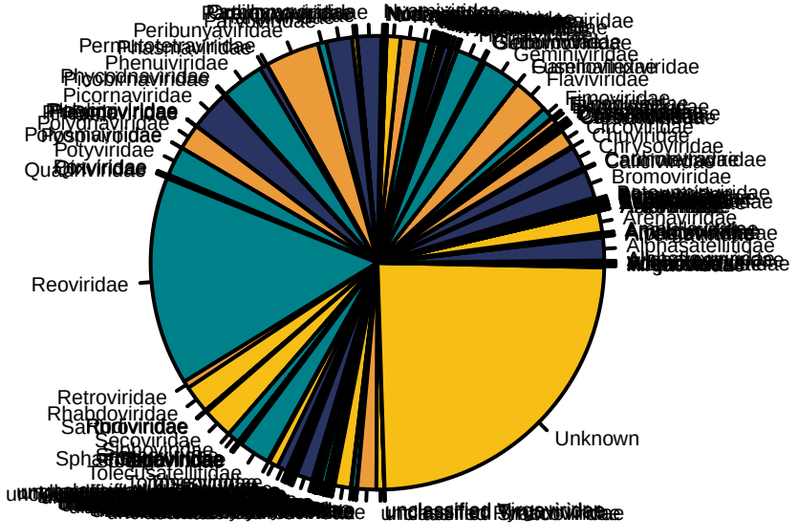
Molecules of unknown Baltimore viruses



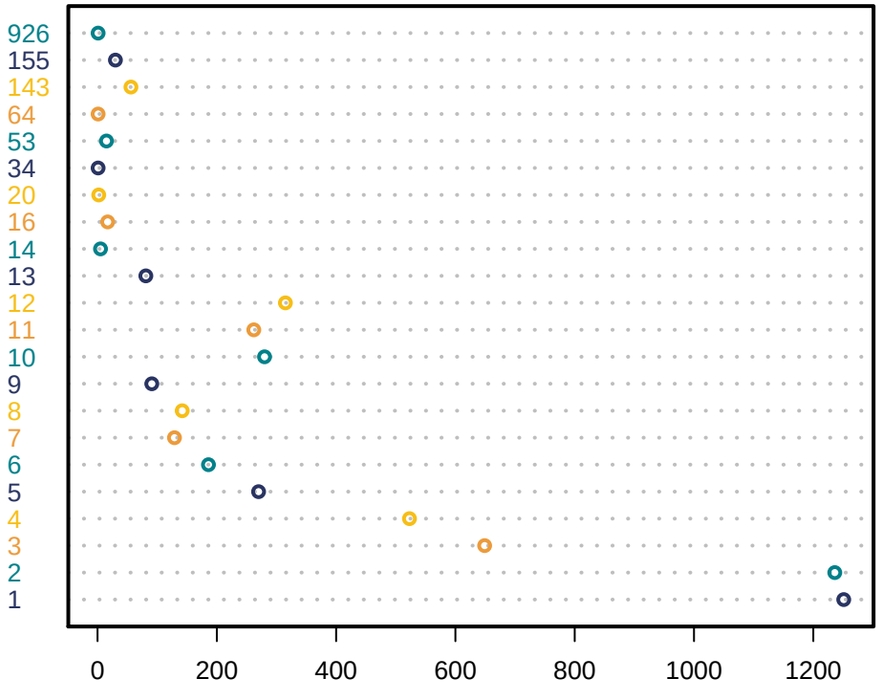
Number of overlaps



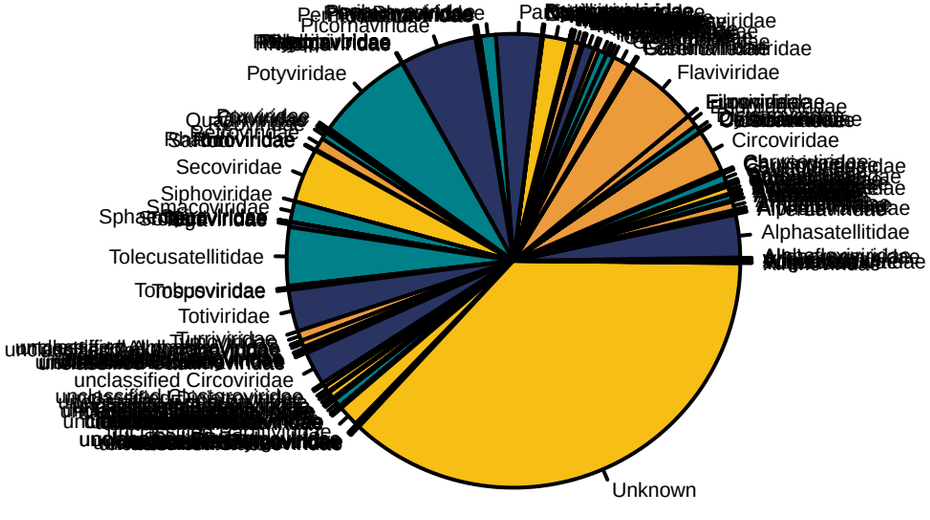
Families of viruses with no overlaps



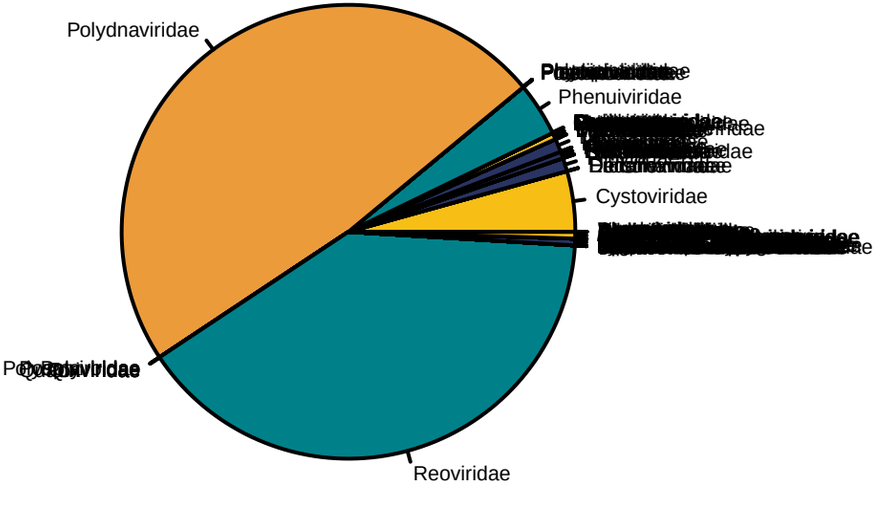
Number of proteins

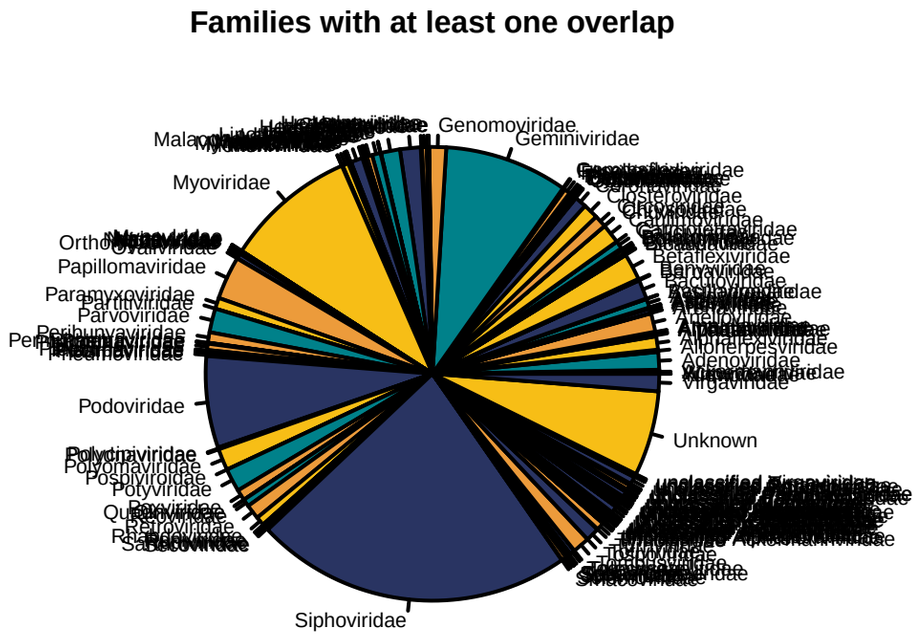


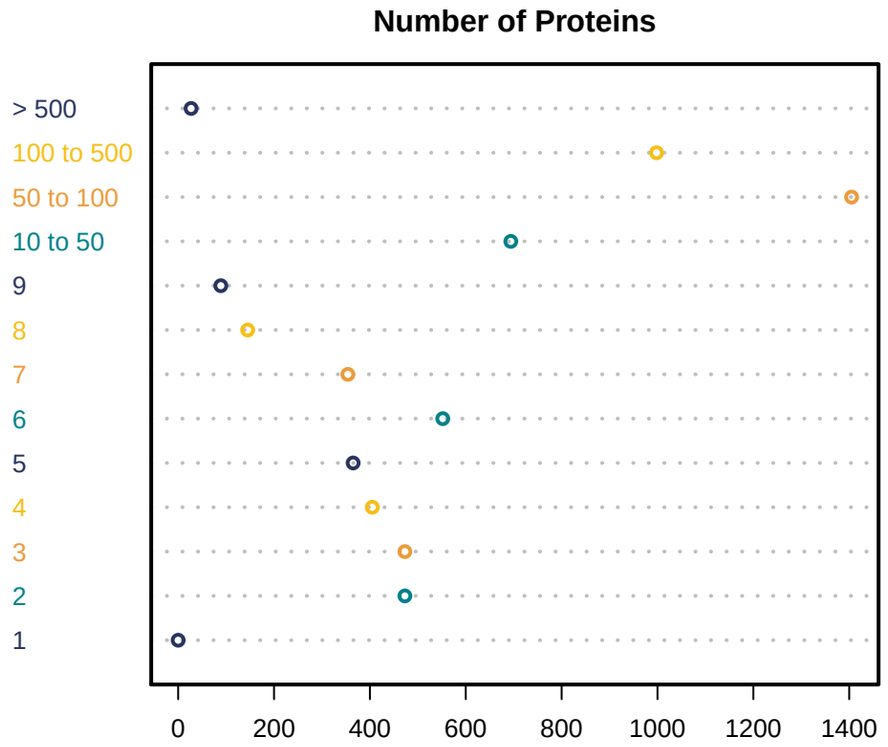
Families with one or two proteins

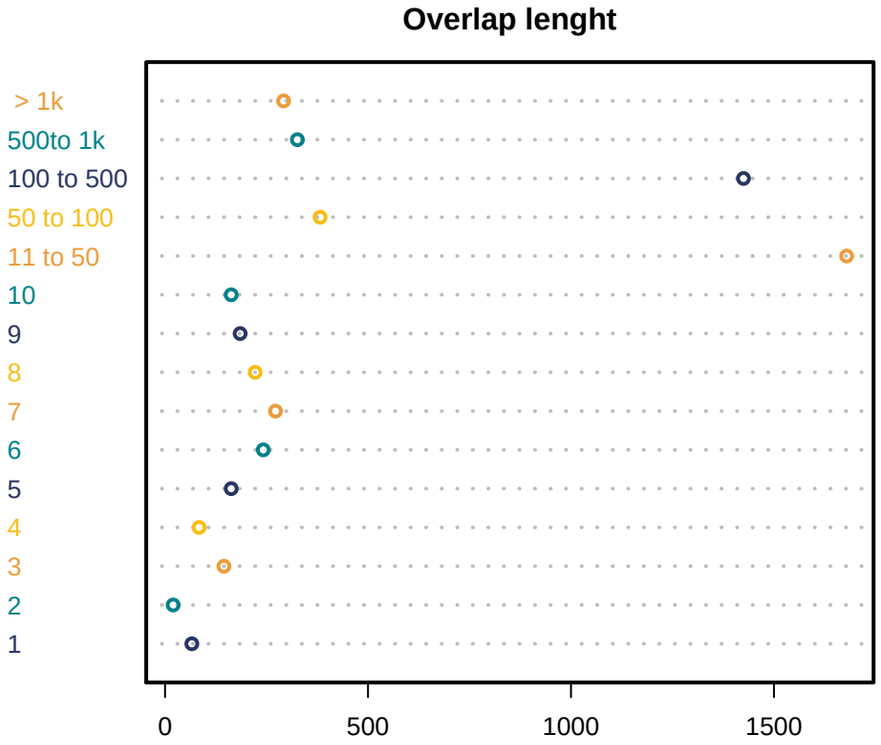


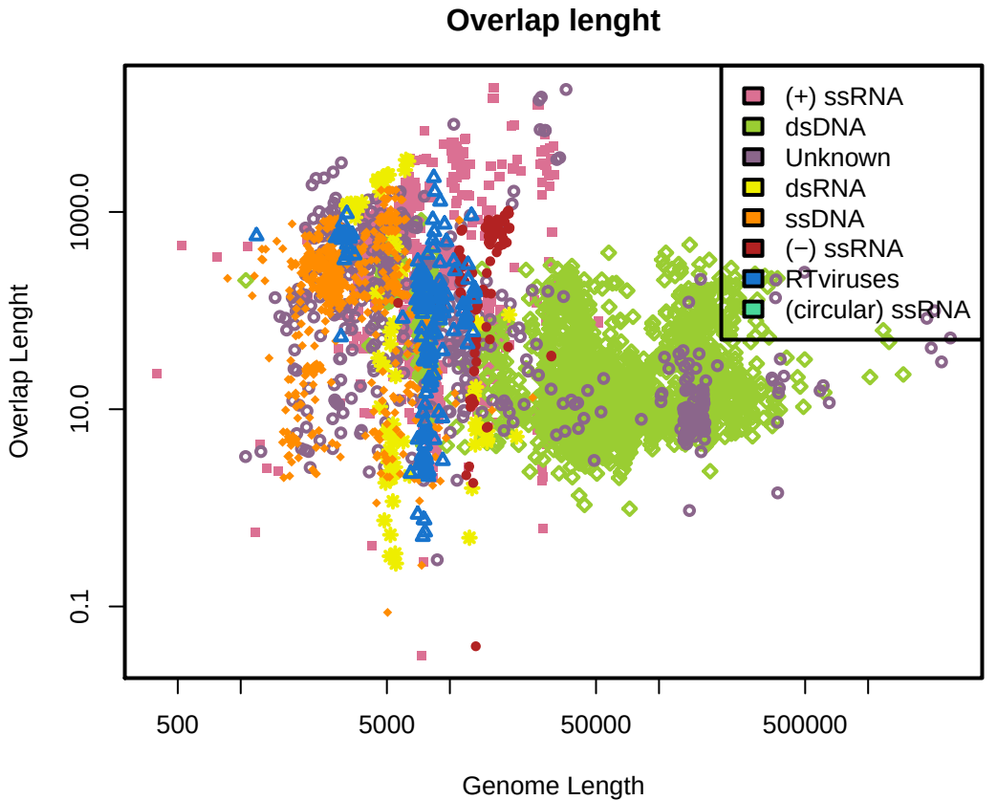
Families with more than 12 proteins



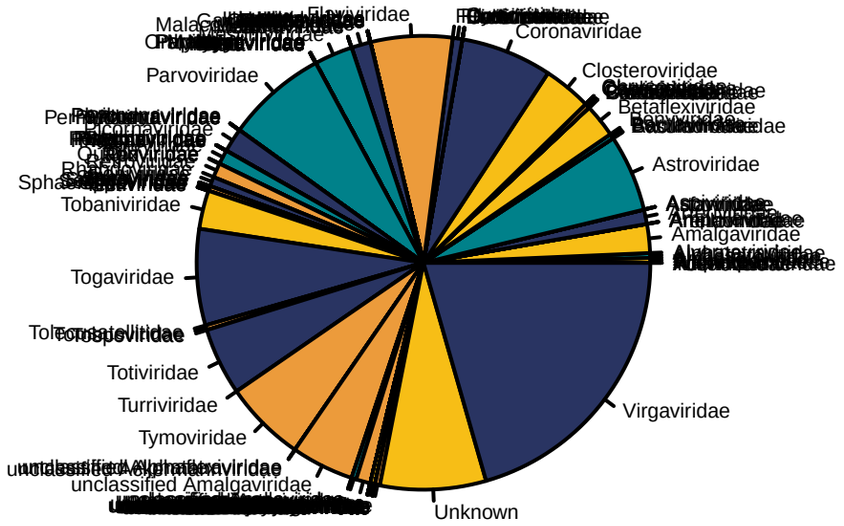

Families with at least one overlap
Genomoviridae
Geminiviridae
Myoviridae
Papillomaviridae
Paramyxoviridae
Parvoviridae
Podoviridae
Unknown
Siphoviridae


Number of Proteins
> 500
100 to 500
50 to 100
10 to 50
9
8
7
6
5
4
3
2
1
0
200
400
600
800
1000
1200
1400

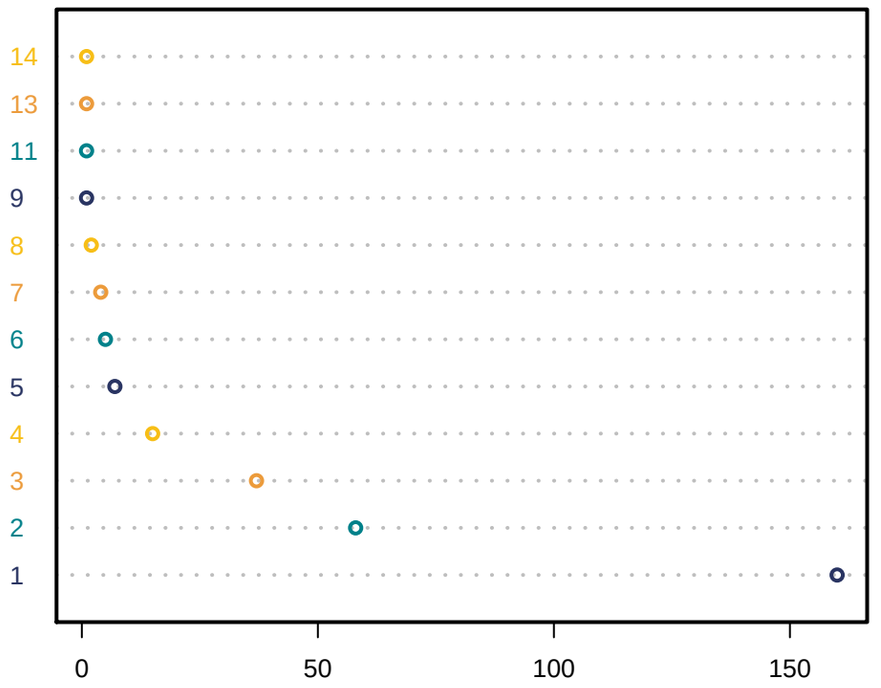
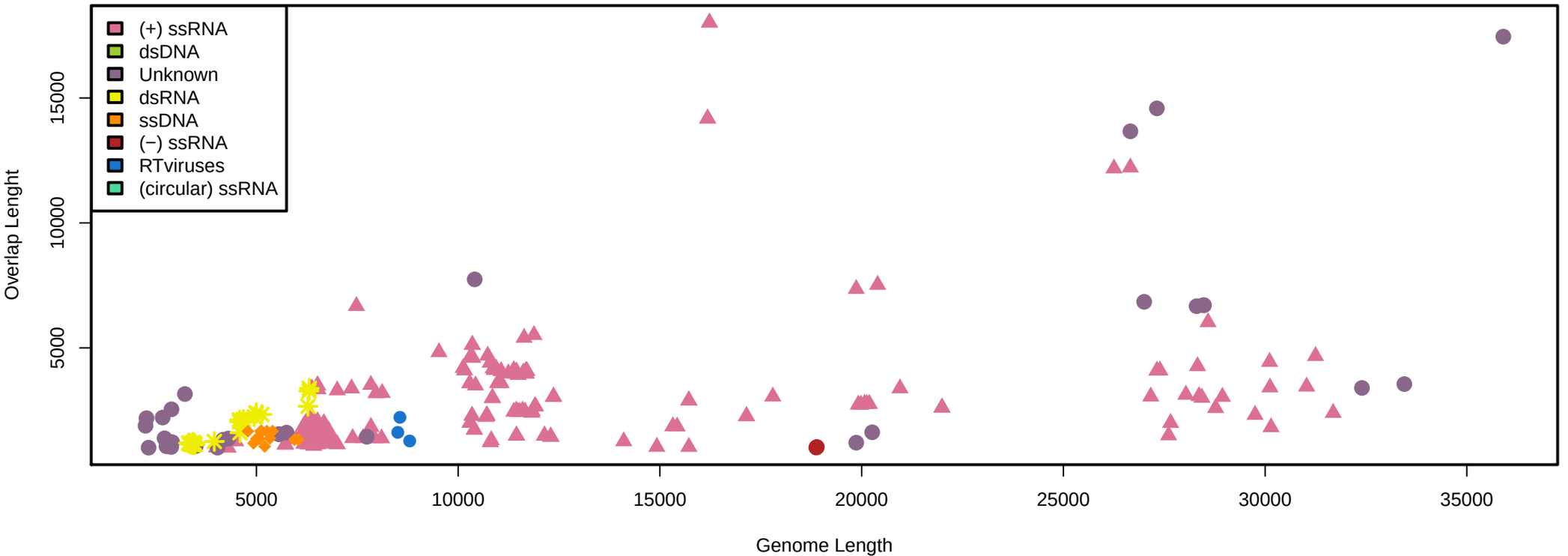

Overlap lenght
> 1k
500to 1k
100 to 500
50 to 100
11 to 50
10
9
8
7
6
5
4
3
2
1
0
500
1000
1500


Overlap lenght
(+) ssRNA
dsDNA
Unknown
dsRNA
ssDNA
(−) ssRNA
RTviruses
(circular) ssRNA
Overlap Lenght
1000.0
10.0
0.1
500
5000
50000
500000
Genome Length

Families with overlaps larger than 1000 nt



Number of overlaps



Long overlaps