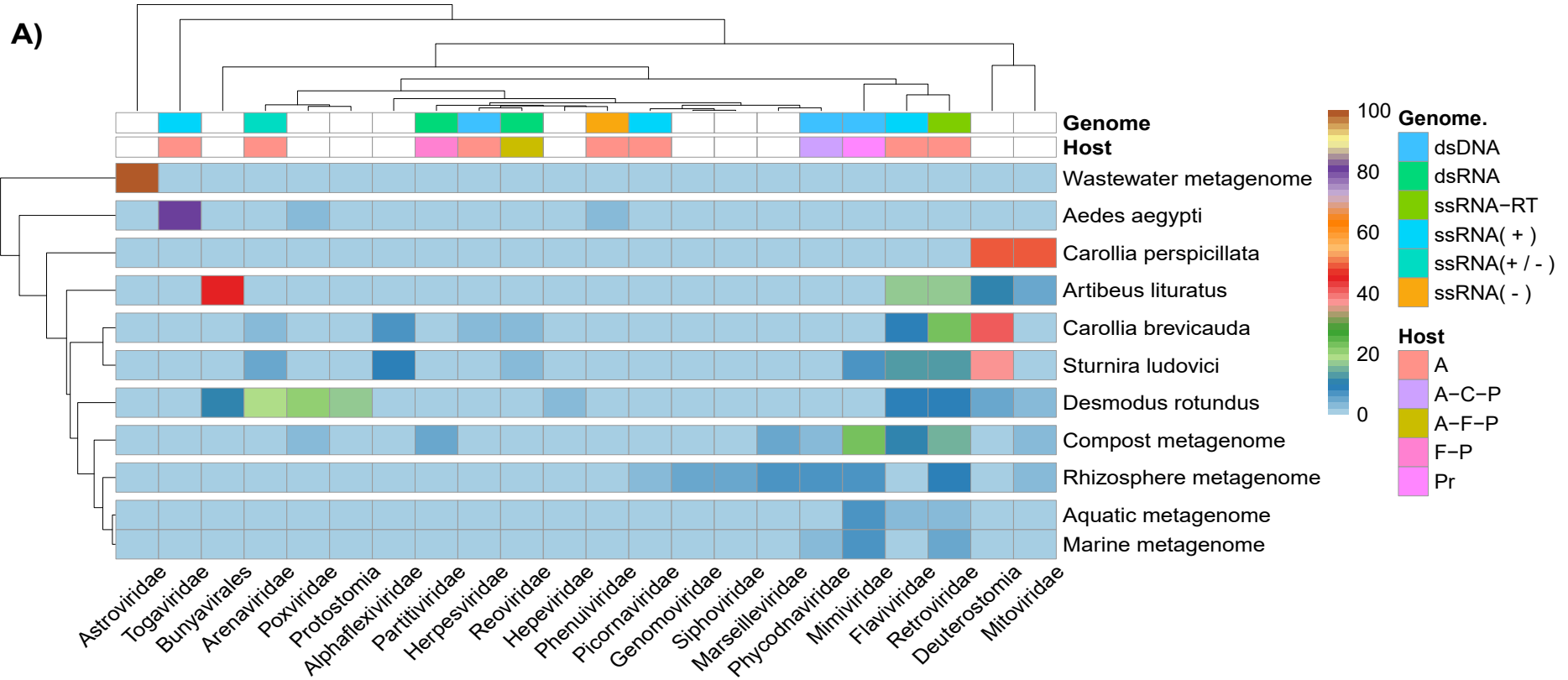
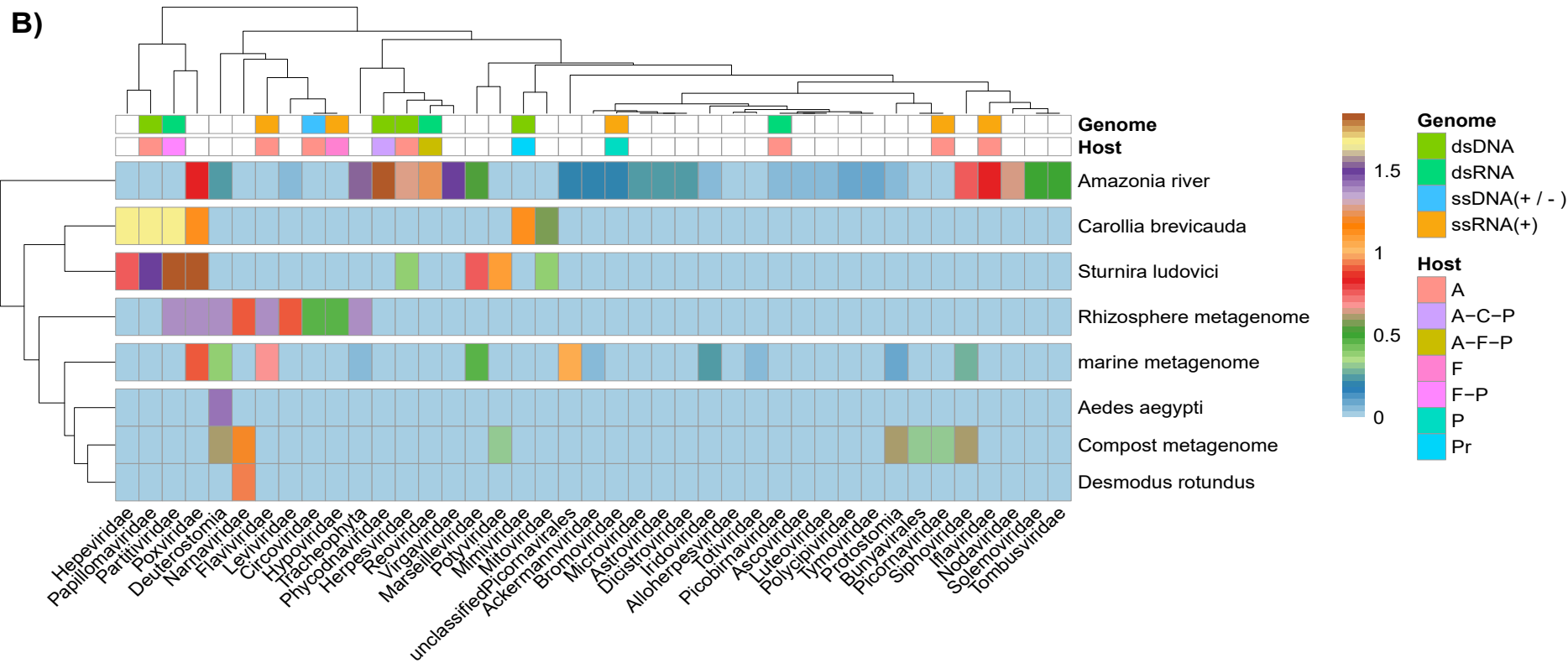

A)
Genome
Host
Wastewater metagenome
Aedes aegypti
Carollia perspicillata
Artibeus lituratus
Carollia brevicauda
Sturnira ludovici
Desmodus rotundus
Compost metagenome
Rhizosphere metagenome
Aquatic metagenome
Marine metagenome
Astroviridae
Togaviridae
Bunyavirales
Arenaviridae
Poxviridae
Protostomia
Alphaflexiviridae
Partitiviridae
Herpesviridae
Reoviridae
Hepeviridae
Phenuiviridae
Picornaviridae
Genomoviridae
Siphoviridae
Marseilleviridae
Phycodnaviridae
Mimiviridae
Flaviviridae
Retroviridae
Deuterostomia
Mitoviridae
100
80
60
40
20
0
Genome.
dsDNA
dsRNA
ssRNA−RT
ssRNA(+)
ssRNA(+ / -)
ssRNA(-)
Host
A
A−C−P
A−F−P
F−P
Pr


B)
Genome
Host
Amazonia river
Carollia brevicauda
Sturnira ludovici
Rhizosphere metagenome
marine metagenome
Aedes aegypti
Compost metagenome
Desmodus rotundus
Hepeviridae
Papillomaviridae
Partitiviridae
Poxviridae
Deuterostomia
Narnaviridae
Flaviviridae
Leviviridae
Circoviridae
Hypoviridae
Tracheophyta
Phycodnaviridae
Herpesviridae
Reoviridae
Virgaviridae
Marseilleviridae
Potyviridae
Mimiviridae
Mitoviridae
unclassifiedPicornavirales
Ackermannviridae
Bromoviridae
Microviridae
Astroviridae
Dicistroviridae
Iridoviridae
Alloherpesviridae
Picobirnaviridae
Totiviridae
Ascoviridae
Luteoviridae
Polycipiviridae
Tymoviridae
Protostomia
Bunyavirales
Picornaviridae
Siphoviridae
Iflaviridae
Nodaviridae
Solemoviridae
Tombusviridae
1.5
1
0.5
0
Genome
dsDNA
dsRNA
ssDNA(+ / -)
ssRNA(+)
Host
A
A−C−P
A−F−P
F
F−P
P
Pr