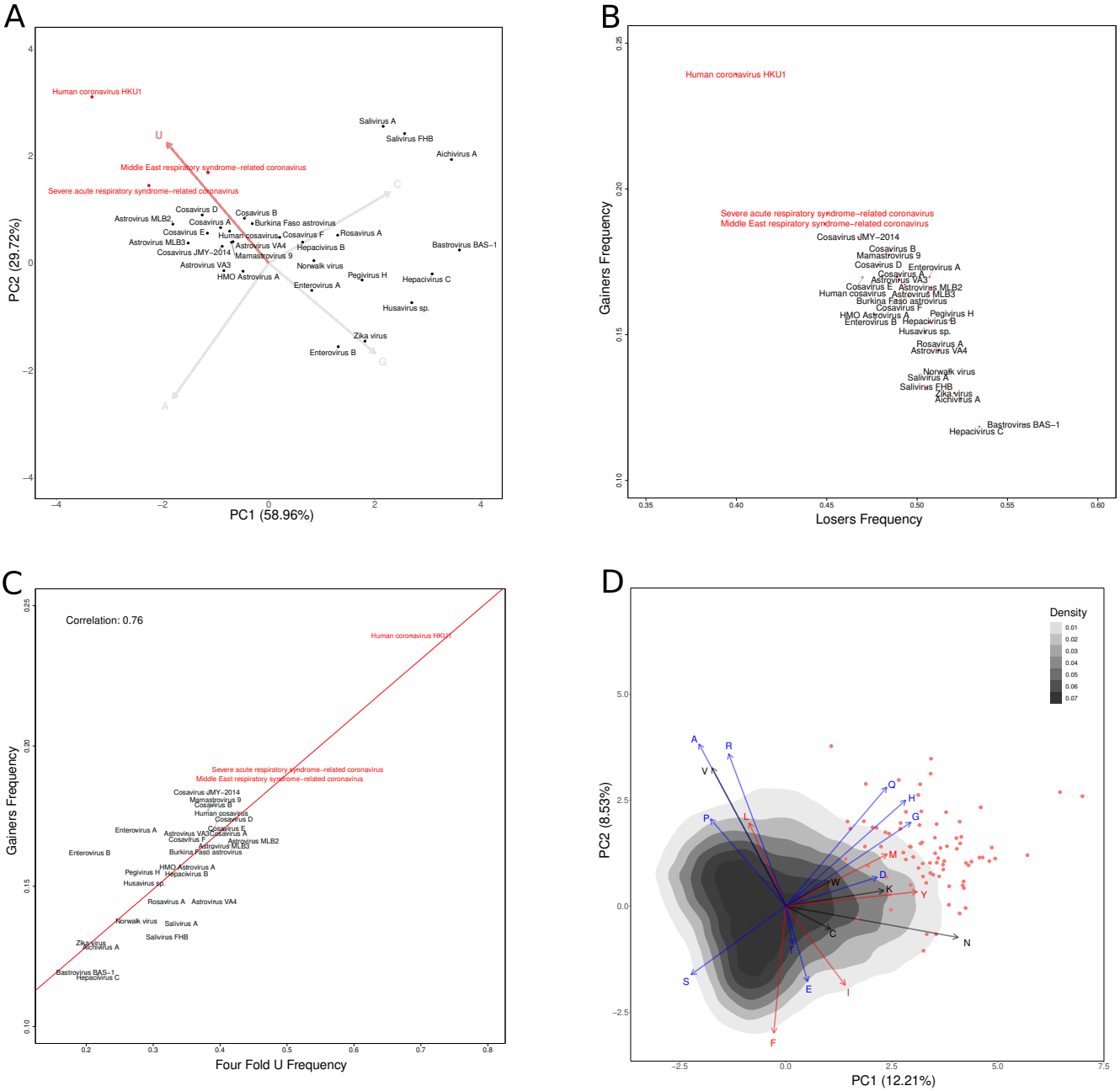
A
Human coronavirus HKU1
Middle East respiratory syndrome−related coronavirus
Severe acute respiratory syndrome−related coronavirus
U
C
G
A
Salivirus A
Salivirus FHB
Aichivirus A
Cosavirus D
Cosavirus B
Astrovirus MLB2
Cosavirus A
Burkina Faso astrovirus
Cosavirus E
Human cosavirus
Cosavirus F
Rosavirus A
Astrovirus MLB3
Astrovirus VA4
Hepacivirus B
Bastrovirus BAS−1
Cosavirus JMY−2014
Mamastrovirus 9
Astrovirus VA3
Norwalk virus
HMO Astrovirus A
Pegivirus H
Hepacivirus C
Enterovirus A
Husavirus sp.
Zika virus
Enterovirus B
PC2 (29.72%)
PC1 (58.96%)
B
Human coronavirus HKU1
Severe acute respiratory syndrome−related coronavirus
Middle East respiratory syndrome−related coronavirus
Cosavirus JMY−2014
Cosavirus B
Mamastrovirus 9
Cosavirus D
Enterovirus A
Cosavirus A
Astrovirus VA3
Cosavirus E
Astrovirus MLB2
Human cosavirus
Astrovirus MLB3
Burkina Faso astrovirus
Cosavirus F
HMO Astrovirus A
Pegivirus H
Enterovirus B
Hepacivirus B
Husavirus sp.
Rosavirus A
Astrovirus VA4
Norwalk virus
Salivirus A
Salivirus FHB
Zika virus
Aichivirus A
Bastrovirus BAS−1
Hepacivirus C
Gainers Frequency
Losers Frequency
C
Correlation: 0.76
Human coronavirus HKU1
Severe acute respiratory syndrome−related coronavirus
Middle East respiratory syndrome−related coronavirus
Cosavirus JMY−2014
Mamastrovirus 9
Cosavirus B
Human cosavirus
Cosavirus D
Cosavirus E
Enterovirus A
Astrovirus VA3
Cosavirus A
Cosavirus F
Astrovirus MLB2
Astrovirus MLB3
Enterovirus B
Burkina Faso astrovirus
HMO Astrovirus A
Pegivirus H
Hepacivirus B
Husavirus sp.
Rosavirus A
Astrovirus VA4
Norwalk virus
Salivirus A
Salivirus FHB
Zika virus
Aichivirus A
Bastrovirus BAS−1
Hepacivirus C
Gainers Frequency
Four Fold U Frequency
D
Density
0.01
0.02
0.03
0.04
0.05
0.06
0.07
A
R
V
Q
H
G
P
L
M
D
W
K
Y
C
N
T
S
E
I
F
PC2 (8.53%)
PC1 (12.21%)

Figure 5