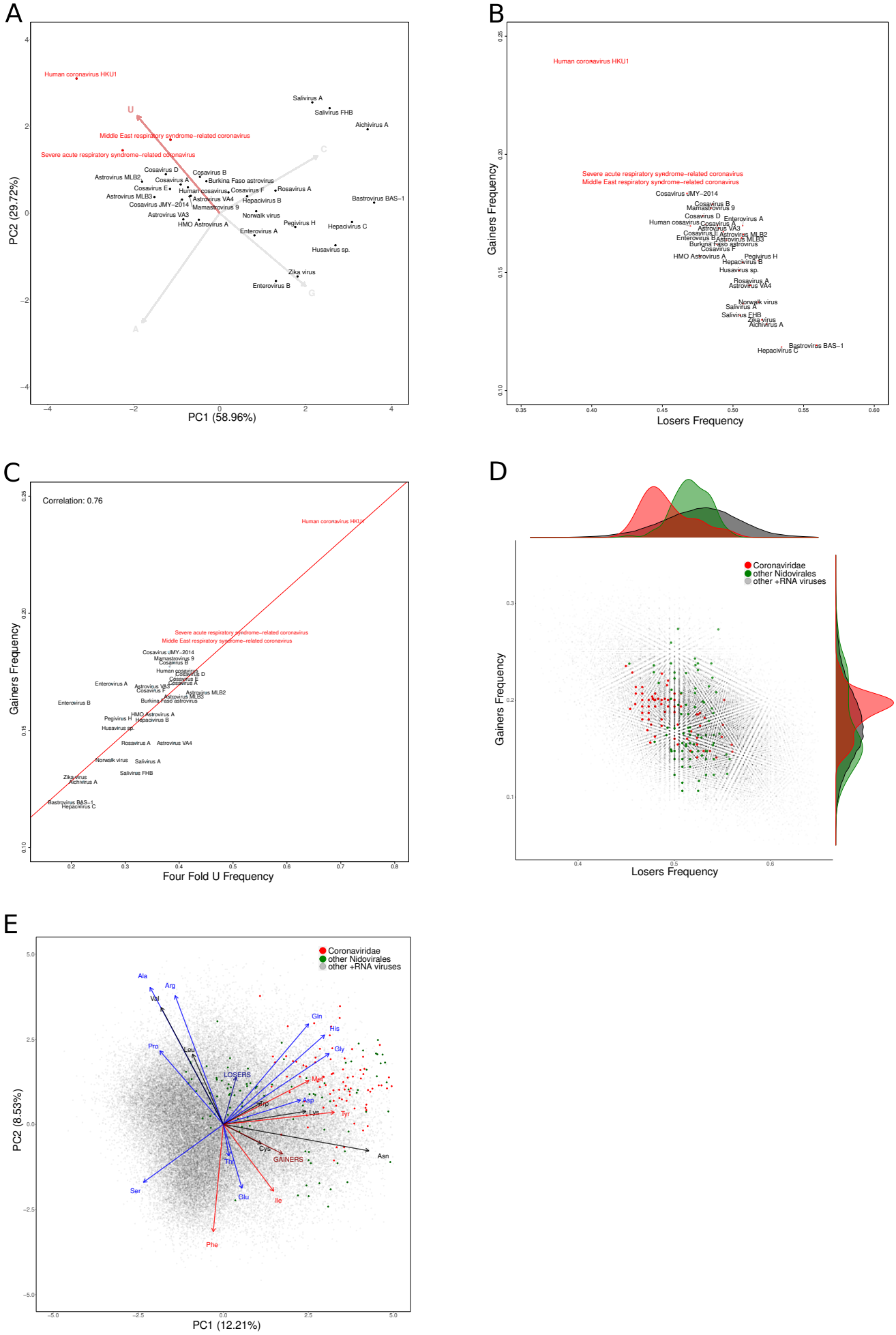
A
PC2 (29.72%)
PC1 (58.96%)
Human coronavirus HKU1
Middle East respiratory syndrome−related coronavirus
Severe acute respiratory syndrome−related coronavirus
U
C
G
A
B
Gainers Frequency
Losers Frequency
C
Correlation: 0.76
Four Fold U Frequency
D
Coronaviridae
other Nidovirales
other +RNA viruses
E
PC2 (8.53%)
PC1 (12.21%)
LOSERS
GAINERS
Ala
Arg
Val
Pro
Leu
Gln
His
Gly
Met
Asp
Lys
Tyr
Cys
Asn
Thr
Ser
Glu
Ile
Phe

Figure 5