

DELTA

GAMMA

ALPHA

BETA

0.2

2d

2a

PCR  
control 1  
(NL63)

PCR  
control 2  
(HKU1)

Cluster 2d.i  
(novel)

Cluster 2d.ii  
(novel)

Cluster 2d.iii  
(novel)

Cluster 2d.iv  
(PREDICT/CoV/68-like)

Cluster 2d.v  
(PREDICT/CoV/67-like)

Cluster 2d.vi  
(HKU-9-like)