

other	
B.1.621=Mu	[T95I,+143T,Y144S,Y145N,R346K,E484K,N501Y,D614G,P681H,D950N]
B.1.619	[I210T,N440K,E484K,D614G,D936N,S939F,T1027I]
B.1.1.318	[T95I,Y144-,E484K,D614G,P681H,D796H]
B.1.623	[S494P,N501Y,D614G,P681H,K854N,E1111K]
B.1.620	[P26S,H69-,V70-,V126A,Y144-,L242-,A243-,L244-,H245Y,S477N,E484K,D614G,P681H,T1027I,D1118H]
C.36.3	[S12F,H69-,V70-,W152R,R346S,L452R,D614G,Q677H,A899S]
B.1.214.2	[+214TDR,Q414K,N450K,D614G,T716I]
A.2.5.2	[L141-,G142-,V143-,+214AAG,D215Y,L452R,D614G]
B.1.258.17	[H69-,V70-,L189F,N439K,D614G,V772I]
B.1.575	[S494P,D614G,P681H,T716I]
R.1	[W152L,E484K,D614G,G769V]
B.1.1.519	[T478K,D614G,P681H,T732A]
C.37=Lambda	[G75V,T76I,R246N,S247-,Y248-,L249-,T250-,P251-,G252-,D253-,L452Q,F490S,D614G,T859N]
B.1.617.1=Kappa	[T95I,G142D,E154K,L452R,E484Q,D614G,P681R,Q1071H]
B.1.637	[D80G,Y144-,F157S,L452R,D614G,T859N,D950H]
B.1.526=Iota	[L5F,T95I,D253G,S477N,D614G,Q957R]
B.1.526=Iota	[L5F,T95I,D253G,E484K,D614G,A701V]
B.1.525=Eta	[Q52R,A67V,H69-,V70-,Y144-,E484K,D614G,Q677H,F888L]
P.2=Zeta	[E484K,D614G,V1176F]
B.1.429/7=Epsilon	[S13I,W152C,L452R,D614G]
Delta-AY.2	[T19R,V70F,G142D,E156-,F157-,R158G,A222V,K417N,L452R,T478K,D614G,P681R,D950N]
Delta+FurinRelated	[T19R,T95I,G142D,E156-,F157-,R158G,L452R,T478K,D614G,N679Y,P681R,D950N]
Delta+FurinRelated	[T19R,T95I,G142D,E156-,F157-,R158G,L452R,T478K,D614G,Q677H,P681R,D950N]
Delta+FurinRelated	[T19R,T95I,G142D,E156-,F157-,R158G,L452R,T478K,D614G,Q675H,P681R,D950N]
Delta+FurinRelated	[T19R,T95I,G142D,E156-,F157-,R158G,L452R,T478K,D614G,P681H,D950N]
Delta+FurinRelated	[T19R,T95I,G142D,E156-,F157-,R158G,L452R,T478K,D614G,H655Y,P681R,D950N]
B.1.617.2=Delta	[T19R,T95I,G142D,E156-,F157-,R158G,L452R,T478K,D614G,P681R,D950N]
Gamma+FurinRelated	[L18F,T20N,P26S,D138Y,R190S,K417T,E484K,N501Y,D614G,H655Y,N679K,T1027I,V1176F]
Gamma+FurinRelated	[L18F,T20N,P26S,D138Y,R190S,K417T,E484K,N501Y,D614G,H655Y,Q677H,T1027I,V1176F]
Gamma+FurinRelated	[L18F,T20N,P26S,D138Y,R190S,K417T,E484K,N501Y,D614G,H655Y,Q675H,T1027I,V1176F]
Gamma+FurinRelated	[L18F,T20N,P26S,D138Y,R190S,K417T,E484K,N501Y,D614G,H655Y,P681H,T1027I,V1176F]
P.1=Gamma	[L18F,T20N,P26S,D138Y,R190S,K417T,E484K,N501Y,D614G,H655Y,T1027I,V1176F]
B.1.351=Beta	[L18F,D80A,D215G,L242-,A243-,L244-,K417N,E484K,N501Y,D614G,A701V]
Alpha+T20I	[T20I,H69-,V70-,Y144-,N501Y,A570D,D614G,P681H,T716I,S982A,D1118H]
Alpha+F490S	[L5F,H69-,V70-,Y144-,F490S,N501Y,A570D,D614G,P681H,T716I,S982A,D1118H]
Alpha+E484K	[H69-,V70-,Y144-,E484K,N501Y,A570D,D614G,P681H,T716I,S982A,D1118H]
Alpha+W152R	[H69-,V70-,Y144-,W152R,N501Y,A570D,D614G,P681H,T716I,S982A,D1118H]
B.1.1.7=Alpha	[H69-,V70-,Y144-,Y449S,N501Y,A570D,D614G,P681H,S982A,D1118H,P1162S,V1264L]
B.1.1.7=Alpha	[H69-,V70-,Y144-,N501Y,A570D,D614G,P681R,T716I,S982A,D1118H]
B.1.1.7=Alpha	[H69-,V70-,N501Y,A570D,D614G,P681H,T716I,S982A,D1118H]
B.1.1.7=Alpha	[H69-,V70-,Y144-,N501Y,A570D,D614G,P681H,T716I,S982A,D1118H]
FurinRelated	[D614G,H655Y]
FurinRelated	[D614G,Q675H]
FurinRelated	[D614G,Q677H]
FurinRelated	[D614G,P681H]
GV-clade	[A222V,D614G]
G-clade	[D138Y,D614G]
G-clade	[T20I,D614G]
G-clade	[D614G,T732A]
G-clade	[N439K,D614G]
G-clade	[N501Y,D614G]
G-clade	[S477N,D614G]
G-clade	[D614G]
Ancestral	[]