

Pango lineage Designations

grouping very common variants distinguished by Spike mutations

2022-10-01

Bette Korber grouping selected based on:

Selection of Spike common forms based on Pango lineage designations

<https://cov.lanl.gov/components/sequence/COV/pangocommonforms.comp>

Associated pango lineage breakdowns based on:

https://github.com/cov-lineages/pango-designation/blob/master/lineage_notes.txt

WHO	Variant/sub-variant Pango lineage
Alpha	B.1.1.7 or B.1.1.7.* or Q.*
Beta	B.1.351 or B.1.351.*
Gamma	B.1.1.28 or P.1 or P.1.*
Mu	B.1.621 or B.1.621.* or BB.2
Epsilon	B.1.427 or B.1.429 or B.1.429.*
Iota	B.1.526
Delta	B.1.617.2 or AY.*
Omicron	BA.1: BA.1 or BA.1.* or BD.* except BA.1.1
Omicron	BA.1.1: BA.1.1 or BA.1.1.* or BC.*
Omicron	BA.2: BA.2 or BA.2.* or BS.* or BP.* or BH.* or BJ.* except BA.2.12.1 and BA.2.75
Omicron	BA.2.12.1: BA.2.12.1 or BA.2.12.1.* or BG.*
Omicron	BA.2.75: BA.2.75 or BA.2.75.* or BL.* or BM.* or BR.* or BN.* or BY.* or CB.* except BA.2.75.2
Omicron	BA.2.75.2: BA.2.75.2 or BA.2.75.2.* or CA.*
Omicron	BA.4: BA.4 or BA.4.* except: BA.4.6
Omicron	BA.4.6: BA.4.6 or BA.4.6.*
Omicron	BA.5: BA.5 or BA.5.* or BE.* or BF.* or BK.* or BQ.* or BT.* or BU.* or BV.* or BW.* or BZ.* or CC.* or CF.* or CD.* or CE.* or CG.* or CK.* or CL.* or CN.* or CU.* or CP.* or CQ.* or CR.* or CT.*