

Name: SARS-CoV-2 Spike Glycoprotein B.1.1.529

Mutations: A67V, H69-, V70-, T95I, G142-, V143-, Y144-, Y145D, N211-, L212I, "EPE"

insertion between 214R and 215D, G339D, S371L, S373P, S375F, K417N, N440K, G446S,

S477N, T478K, E484A, Q493R, G496S, Q498R, N501Y, Y505H, T547K, D614G, H655Y,

N679K, P681H, N764K, D796Y, N856K, Q954H, N969K, L981F

Length: 1270 AA

Sequence:

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MFVFLVLLPL VSSQCVNLTT RTQLPPAYTN SFTRGVYYPD KVFRSSVLHS TQDLFLPFFS NVTWFHVISG
TNGTKRFDNP VLPFNDGVYF ASIEKSNIIR GWIFGTTLDS KTQSLIVNNA ATNVVIKVCE FQFCNDPFLD
HKNNKSWMES EFRVYSSANN CTFEYVSQPF LMDLEKQGN FKNLREFVFK NIDGYFKIYS KHTPIIVREP
EDLPQGFSAE EPLVDLPIGI NITRFQTLA LHRSYLTPGD SSSGWTAGAA AYYVGYLQPR TFLLKYNENG
TITDAVDCAL DPLSETKCTL KSFTVEKGIY QTSNFRVQPT ESIVRFPNIT NLCPFDEVFN ATRFASVYAW
NRKRISNCVA DYSLVLYNAP FFTFKCYGVS PTKLNDLCFT NVYADSFVIR GDEVRQIAPG QTGNIADYNY
KLPDDFTGCV IAWNSNKLDS KVSGNYNYLY RLFKSNLKP FERDISTEIIY QAGNKPCNGV AGFNCYFPLR
SYSFRPTYGV GHQPVRVVVL SFELLHAPAT VCGPKKSTNL VKNKCVNFNF NGLKGTGVLV ESNNKFLPFQ
QFGRDIADTT DAVRDPQTL EILDITPCSEF GVSVITPGTN TSNQVAVLYQ GVNCTEVPVA IHADQLTPTW
RVYSTGSNVF QTRAGCLIGA EYVNNSYECD IPIGAGICAS YQTQTKSHRR ARSVASQSII AYTMSLGAEN
SVAYSNNNSIA IPTNFTISVT TEILPVSMTK TSVDCTMYIC GDSTECNLL LQYGSFCTQL KRALTGIAVE
QDKNTQEVFA QVKQIYKTPP IKYFGGFNFS QILPDPSPKS KRSFIEDLLF NKVTLADAGF IKQYGDCLGD
IAARDLIIAQ KFKGLTVLPP LLTDEMIAQY TSALLAGTIT SGWTFGAGAA LQIPFAMQMA YRFNGIGVTQ
NVLYENQKLI ANQFNSAIGK IQDLSLSTAS ALGKLQDVVN HNAQALNTLV KQLSSKFGAI SSVLNDIFSR
LDKVEAEVQI DRLITGRLOS LQTYVTQQLI RAAEIRASAN LAATKMSECV LGQSKRVDFC GKGYHLMSFP
QSAPHGVVFL HVTYVPAQEK NFFTAPAICH DGKAHPREG VFVSNTHWF VTQRNFYEPQ IITDNTFVS
GNCDVIGIV NNTVYDPLQP ELDSFKEELD KYFKNHTSPD VDLGDISGIN ASVUNIQKEI DRLNEVAKNL
NESLIDLQEL GKYEQYIKWP WYIWLGFIAQ LIAIVMVTIM LCCMTSCCSC LKGCCSCGSC CKFDEDDSEP
VLKGVKLHYT
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