

Name: SARS-CoV-2 Spike Glycoprotein B.1.1.7

Mutations: H69-, V70-, Y144-, N501Y, A570D, D614G, P681H, T716I, S982A, D1118H

Length: 1270 AA

**Sequence:**

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MFVFLVLLPL VSSQCVNLTT RTQLPPAYTN SFTRGVVYPD KVFRSSVLHS TQDLFLPFFS NVTWFHAISG
TNGTKRFDNP VLPFNDGVYF ASTEKSNIIR GWIFGTTLDS KTQSLIVNN ATNVVIKVCE FQFCNDPFLG
VYHKNNKSWM ESEFRVYSSA NNCTFEYVSQ PFLMDLEGKQ GNFKNLREFV FKNIDGYFKI YSKHTPINLV
RDL PQGFSAL EPLVDLPIGI NITRFQTLA LHRSYLTPGD SSSGWTAGAA AYYVGYLQPR TFLLYKNENG
TITDAVDCAL DPLSETKCTL KSFTVEKGIY QTSNFRVQPT ESIVRFPNIT NLCPFGEVFN ATRFASVYAW
NRKRISNCVA DYSVLYNSAS FSTFKCYGVS PTKLNDLCFT NVYADSFVIR GDEVRQIAPG QTGKIADYNY
KLPDDFTGCV IAWNSNNLDS KVGGNYNLY RLFKRKSNLKP FERDISTEYI QAGSTPCNGV EGFNCYFPLQ
SYGFQPTYGV GYQPYRVVVL SFELLHAPAT VCGPKKSTNL VKNKCVNFNF NGLTGTGVL T ESNKKFLPFQ
QFGRDIDDTT DAVRDPQTLE ILDITPCSFG GVSVITPGTN TSNQVAVLYQ GVNCTEVPVA IHADQLTPTW
RVYSTGSNVF QTRAGCLIGA EHVNNSYECD IPIGAGICAS YQTQTNSHRR ARSVASQSII AYTMISLGAEN
SVAYSNNNSIA IPINFITISVT TEILPVSMTK TSV DCTMYIC GDSTEC SNLL LQYGSFCTQL NRAL TGI AVE
QDKNTQEVFA QVKQIYKTPP IKDFGGFNFS QILPDPKPS KRSFIEDLLF NKVTLADAGF IKQYGDCLGD
IAARDLICAQ KFNGLTVLPP LLTDEMIAQY TSALLAGTIT SGWTFGAGAA LQIPFAMQMA YRFNGIGVTQ
NVLYENQKLI ANQFNSAIGK IQDLSLSTAS ALGKLQDVVN QNAQALNTLV KQLSSNFGAI SSVLNDILAR
LDKVEAEVQI DRLITGRLQS LQTYVTQQLI RAAEIRASAN LAATKMSECV LGQSKRVDFC GKGYHLMSFP
QSAPHGVVFL HVTYVPAQEK NFFTAPAICH DGKAHFREG VFVSNHWHF VTQRNFYEPQ IITHTNFVS
GNCDVVIGIV NNTVYDPLQP ELDSFKEELD KYFKNHTSPD VDLGDISGIN ASVVNIQKEI DRLNEVAKNL
NESLIDLQEL GKYEQYIKWP WYIWLGFIA G LIAIVMVTIM LCCMTSCCSC LKGCCSCGSC CKFDEDDSEP
VLKGVKLHYT

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