

Name: SARS-CoV-2 Spike Glycoprotein P.1

Mutations: L18F, T20N, P26S, D138Y, R190S, K417T, E484K, N501Y, D614G, H655Y, T1027I, V1176F

Length: 1273 AA

**Sequence:**

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MFVFLVLLPL VSSQCVNFTN RTQLPSAYTN SFTRGVYYPD KVFRSSVLHS TQDLFLPFFS NVTWFHAIHV
SGTNGTKRFD NPVLFPNDGV YFASTEKSNIRGWIFGTTL DSKTQSLIV NNATNVVIKV CEFQFCNYPF
LGVYYHKNK SWMESEFRVY SSANNCTFEY VSQPFLMDLE GKQGNFKNLS EFVFKNIDGY FKIYSKHTPI
NLVRDLPOGF SALEPLVDLP IGINITRFQT LLALHRSYLT PGDSSSGWTA GAAAYVGYL QPRTFLLKYN
ENGTITDAVD CALDPLSETK CTLKSFTVEK GIYQTSNFRV QPTESIVRFP NITNLCPFGE VFNATRFASV
YAWNRKRISN CVADYSVLYN SASFSTFKCY GVSPTKLNLD CFTNVYADSF VIRGDEVROI APGQTGTIAD
YNYKLPDDFT GCVIAWNSNN LDSKVGNYN YLYRFRKSN LKPFERDIST EIYQAGSTPC NGVKGFCYF
PLQSYGFQPT YGVGYQPYRV VVLSFELLHA PATVCGPKKS TNLVKNKCVN FNFNGLTGTG VLTESNKKFL
PFQQFGRDIA DTTDAVRDPQ TLEILDITPC SFGGVSITP GTNTSNQVAV LYQGVNCTEV PVAIHADQLT
PTWRVYSTGS NVFQTRAGCL IGAEYVNSY ECDIPIGAGI CASYQTQNS PRRARVASQ SIIAYTMSLG
AENSVAYSNN SIAIPTNFTI SVTTEILPVS MTKTSVDCM YICGDSTEC NLLQYGSFC TQLNRALTGI
AVEQDKNTQE VFAQVKQIYK TPPIKDFGGF NFSQILPDPS KPSKRSFIED LLFNKVTLAD AGFIKQYGDC
LGDIAARDLI CAQKFNGLTV LPPLTDEMI AQYTSALLAG TITSGWTFGA GAALQIPFAM QMAYRFNGIG
VTQNVLYENQ KLIANQFNSA IGKIQDSLSS TASALGKLQD VVNQNAQALN TLVKQLSSNF GAISSVLNDI
LSRLDKVEAE VQIDRLITGR LQSLQTYVTQ QLIRAAEIRA SANLAAIKMS ECVLGQSKRV DFCGKGYHLM
SFPQSAPHG VFLHVTVYVPA QEKNF TAPA ICHDGKAHFP REGVFVSNGT HWFVTQRNFY EPQIITDNT
FVSGNCDVVI GIVNNTVYDP LQPELDSFKE ELDKYFKNHT SPDVDLGDIS GINASFVNIQ KEIDRLNEVA
KNLNEIDL QELGKYEQYI KWPWYIWLGF IAGLIAIVMV TIMLCCMTSC CSCLKGCCSC GSCCKFDEDD
SEPVLKGVKL HYT

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