progenitor as USA/WA1/2020 (2020-01-19) mutations from proCoV2 (Kumar et al): none mutations from Wuhan-Hu-1: C8782T, C18060T, T28144C C865T C13694T C1342T [T8782C A11430G C14408T C15480T C17410T C2536T T8886C G1914A C18828T C23271T C24023T G26526T G27225T C28887T C25317T C27213T G28878A T18488C T18996C C24370T T29029C T27618C C28706T T3171C Shandong/LY005-2/2020 (2020-01-24) T4402C G5062T T18060C A1691G C6501T C2942T G4390T C5717T G11083T C29095T A28792T C24034T T26729C G28077C C26729T C29095T C1663T G22661T C3768T T8767C C17104T G26167T G29593A C12880T C2662T C29095T Guangdong/HKU-SZ-002/2020 (2020-01-10) C3876T C11620T A13969G A28910T G25947T A11430G C28253T T8782C C28144T colapsed clade B Wuhan-Hu-1 Huanan Seafood Market deleted early Wuhan Guangdong patient infected in Wuhan before Jan 5 other Wuhan

other China

outside China