

YP_009724390.1_SARS-COV-2/ Wuhan-Hu-1	YGDCLGIAARDLCAQKFNGLTVLPPLTDE	MIAQYTSALLAGTITSWTFGAGAALQI	896
Bat-CoV-RaTG13_QHR63300.2_MN996532.2	YGDCLGIAARDLCAQKFNGLTVLPPLTDE	MIAQYTSALLAGTITSWTFGAGAALQI	892
Bat-SARS-like-CoVZC45_AVP78031.1_MG772933.1	YGDCLGGISARDLCAQKFNGLTVLPPLTDE	MIAAYTAALISGTATAGWTFGAGAALQI	869
hCoV-19/ bat/ Yunnan/ PrC31/ 2018 EPI_ISL_1098866	YGDCLGGISARDLCAQKFNGLTVLPPLTDE	MIAAYTAALISGTATAGWTFGAGAALQI	869
hCoV-19/ bat/ Cambodia/ RShSTT182/ 2010 EPI_ISL_852604	YGDCLGIAARDLCAQKFNGLTVLPPLTDE	MIAQYTSALLAGTITSWTFGAGAALQI	874
hCoV-19/ bat/ Cambodia/ RShSTT200/ 2010 EPI_ISL_852605	YGDCLGIAARDLCAQKFNGLTVLPPLTDE	MIAQYTSALLAGTITSWTFGAGAALQI	874
AGT21078.1_SARS_coronavirus_ExoN1	YGECLGINARDLCAQKFNGLTVLPPLTDDMIAAYTAALVSGTATAGWTFGAGAALQI		878
AAR86775.1_SARS_coronavirus_ShanghaiQXC2	YGECLGINARDLCAQKFNGLTVLPPLTDDMIAAYTAALVSGTATAGWTFGAGAALQI		878
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YP_009724390.1_SARS-COV-2/ Wuhan-Hu-1	PFAMQMAYRFNGIGVTONVLYENOKLIANQFN	SAIGKIQDLSSTASALGKLDQVNVQNA	956
Bat-CoV-RaTG13_QHR63300.2_MN996532.2	PFAMQMAYRFNGIGVTONVLYENOKLIANQFN	SAIGKIQDLSSTASALGKLDQVNVQNA	952
Bat-SARS-like-CoVZC45_AVP78031.1_MG772933.1	PFAMQMAYRFNGIGVTONVLYENOKLIANQFN	SAIGKIQESLSTASALGKLDQVNVQNA	929
hCoV-19/ bat/ Yunnan/ PrC31/ 2018 EPI_ISL_1098866	PFAMQMAYRFNGIGVTONVLYENOKLIANQFN	SAIGKIQESLSTASALGKLDQVNVQNA	929
hCoV-19/ bat/ Cambodia/ RShSTT182/ 2010 EPI_ISL_852604	PFAMQMAYRFNGIGVTONVLYENOKLIANQFN	SAIGKIQDLSSTASALGKLDQVNVQNA	934
hCoV-19/ bat/ Cambodia/ RShSTT200/ 2010 EPI_ISL_852605	PFAMQMAYRFNGIGVTONVLYENOKLIANQFN	SAIGKIQDLSSTASALGKLDQVNVQNA	934
AGT21078.1_SARS_coronavirus_ExoN1	PFAMQMAYRFNGIGVTONVLYENOKQIANQFNKAI	SOIQESLTTTSTALGKLDQVNVQNA	938
AAR86775.1_SARS_coronavirus_ShanghaiQXC2	PFAMQMAYRFNGIGVTONVLYENOKQIANQFNKAI	SOIQESLTTTSTALGKLDQVNVQNA	938
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YP_009724390.1_SARS-COV-2/ Wuhan-Hu-1	QALNTLVKQLSSNFGAISSVLDILSRDKVEAEVQIDRLITGRQLS	LQTYVTQQLIRAA	1016
Bat-CoV-RaTG13_QHR63300.2_MN996532.2	QALNTLVKQLSSNFGAISSVLDILSRDKVEAEVQIDRLITGRQLS	LQTYVTQQLIRAA	1012
Bat-SARS-like-CoVZC45_AVP78031.1_MG772933.1	QALNTLVKQLSSNFGAISSVLDILSRDKVEAEVQIDRLITGRQLS	LQTYVTQQLIRAA	989
hCoV-19/ bat/ Yunnan/ PrC31/ 2018 EPI_ISL_1098866	QALNTLVKQLSSNFGAISSVLDILSRDKVEAEVQIDRLITGRQLS	LQTYVTQQLIRAA	989
hCoV-19/ bat/ Cambodia/ RShSTT182/ 2010 EPI_ISL_852604	QALNTLVKQLSSNFGAISSVLDILSRDKVEAEVQIDRLITGRQLS	LQTYVTQQLIRAA	994
hCoV-19/ bat/ Cambodia/ RShSTT200/ 2010 EPI_ISL_852605	QALNTLVKQLSSNFGAISSVLDILSRDKVEAEVQIDRLITGRQLS	LQTYVTQQLIRAA	994
AGT21078.1_SARS_coronavirus_ExoN1	QALNTLVKQLSSNFGAISSVLDILSRDKVEAEVQIDRLITGRQLS	LQTYVTQQLIRAA	998
AAR86775.1_SARS_coronavirus_ShanghaiQXC2	QALNTLVKQLSSNFGAISSVLDILSRDKVEAEVQIDRLITGRQLS	LQTYVTQQLIRAA	998
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YP_009724390.1_SARS-COV-2/ Wuhan-Hu-1	EIRASANLAATKMSECVLQSKRVDFCGKGYHLSMFPQ	SAPHGVVFLHVTYIPAQEKNFT	1076
Bat-CoV-RaTG13_QHR63300.2_MN996532.2	EIRASANLAATKMSECVLQSKRVDFCGKGYHLSMFPQ	SAPHGVVFLHVTYIPAQEKNFT	1072
Bat-SARS-like-CoVZC45_AVP78031.1_MG772933.1	EIRASANLAATKMSECVLQSKRVDFCGKGYHLSMFPQ	SAPHGVVFLHVTYIPSQEKNFT	1049
hCoV-19/ bat/ Yunnan/ PrC31/ 2018 EPI_ISL_1098866	EIRASANLAATKMSECVLQSKRVDFCGKGYHLSMFPQ	SAPHGVVFLHVTYIPSQEKNFT	1049
hCoV-19/ bat/ Cambodia/ RShSTT182/ 2010 EPI_ISL_852604	EIRASANLAATKMSECVLQSKRVDFCGKGYHLSMFPQ	SAPHGVVFLHVTYIPAQEKNFT	1054
hCoV-19/ bat/ Cambodia/ RShSTT200/ 2010 EPI_ISL_852605	EIRASANLAATKMSECVLQSKRVDFCGKGYHLSMFPQ	SAPHGVVFLHVTYIPAQEKNFT	1054
AGT21078.1_SARS_coronavirus_ExoN1	EIRASANLAATKMSECVLQSKRVDFCGKGYHLSMFPQ	AAAPHGVVFLHVTYIPSQERNFT	1058
AAR86775.1_SARS_coronavirus_ShanghaiQXC2	EIRASANLAATKMSECVLQSKRVDFCGKGYHLSMFPQ	AAAPHGVVFLHVTYIPSQERNFT	1058
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YP_009724390.1_SARS-COV-2/ Wuhan-Hu-1	TAPAICHGKAHFPREGVVFVSN	GTHWFVTRQNFYEPQIITDNTFVSGCDVVIGIVNNT	1136
Bat-CoV-RaTG13_QHR63300.2_MN996532.2	TAPAICHGKAHFPREGVVFVSN	GTHWFVTRQNFYEPQIITDNTFVSGCDVVIGIVNNT	1132
Bat-SARS-like-CoVZC45_AVP78031.1_MG772933.1	TAPAICHEGKAHFPREGVVFVSN	GTHWFVTRQNFYEPKIITDNTFVSGCDVVIGIINNT	1109
hCoV-19/ bat/ Yunnan/ PrC31/ 2018 EPI_ISL_1098866	TAPAICHGKAHFPREGVVFVSN	GTHWFVTRQNFYEPQIITDNTFVSGCDVVIGIVNNT	1109
hCoV-19/ bat/ Cambodia/ RShSTT182/ 2010 EPI_ISL_852604	TAPAICHGKAHFPREGVVFVSN	GTHWFVTRQNFYEPQIITDNTFVSGCDVVIGIVNNT	1114
hCoV-19/ bat/ Cambodia/ RShSTT200/ 2010 EPI_ISL_852605	TAPAICHGKAHFPREGVVFVSN	GTHWFVTRQNFYEPQIITDNTFVSGCDVVIGIVNNT	1114
AGT21078.1_SARS_coronavirus_ExoN1	TAPAICHEGKAHFPREGVVFVNGTSWFI	TQRNFYEPQIITDNTFVSGCDVVIGIINNT	1118
AAR86775.1_SARS_coronavirus_ShanghaiQXC2	TAPAICHEGKAHFPREGVVFVNGTSWFI	TQRNFYEPQIITDNTFVSGCDVVIGIINNT	1118
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YP_009724390.1_SARS-COV-2/ Wuhan-Hu-1	VYDPLQPELDSFKEELDKYFNKHTSPD	VLDGDISGINASVNIQEKIDRLNEVAKNLNES	1196
Bat-CoV-RaTG13_QHR63300.2_MN996532.2	VYDPLQPELDSFKEELDKYFNKHTSPD	VLDGDISGINASVNIQEKIDRLNEVAKNLNES	1192
Bat-SARS-like-CoVZC45_AVP78031.1_MG772933.1	VYDPLQPELDSFKEELDKYFNKHTSPD	LDGDISGINASVNIQEKIDRLNEVARNLNES	1169
hCoV-19/ bat/ Yunnan/ PrC31/ 2018 EPI_ISL_1098866	VYDPLQPELDSFKEELDKYFNKHTSPD	LDGDISGINASVNIQEKIDRLNEVARNLNES	1169
hCoV-19/ bat/ Cambodia/ RShSTT182/ 2010 EPI_ISL_852604	VYDPLQPELDSFKEELDKYFNKHTSPD	VLDGDISGINASVNIQEKIDRLNEVAKNLNES	1174
hCoV-19/ bat/ Cambodia/ RShSTT200/ 2010 EPI_ISL_852605	VYDPLQPELDSFKEELDKYFNKHTSPD	VLDGDISGINASVNIQEKIDRLNEVAKNLNES	1174
AGT21078.1_SARS_coronavirus_ExoN1	VYDPLQPELDSFKEELDKYFNKHTSPD	VLDGDISGINASVNIQEKIDRLNEVAKNLNES	1178
AAR86775.1_SARS_coronavirus_ShanghaiQXC2	VYDPLQPELDSFKEELDKYFNKHTSPD	VLDGDISGINASVNIQEKIDRLNEVAKNLNES	1178
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YP_009724390.1_SARS-COV-2/ Wuhan-Hu-1	LIDLQELGKYEYIKWPWYIWLGF	IAGLIAIVMVTIMLCCMSTCCSCLKGCCSCGSCCKF	1256
Bat-CoV-RaTG13_QHR63300.2_MN996532.2	LIDLQELGKYEYIKWPWYIWLGF	IAGLIAIVMVTIMLCCMSTCCSCLKGCCSCGSCCKF	1252
Bat-SARS-like-CoVZC45_AVP78031.1_MG772933.1	LIDLQELGKYEYIKWPWYIWLGF	IAGLIAIVMVTILLCCMSTCCSCLKGCCSCGSCCKF	1229
hCoV-19/ bat/ Yunnan/ PrC31/ 2018 EPI_ISL_1098866	LIDLQELGKYEYIKWPWYIWLGF	IAGLIAIVMVTILLCCMSTCCSCLKGCCSCGSCCKF	1229
hCoV-19/ bat/ Cambodia/ RShSTT182/ 2010 EPI_ISL_852604	LIDLQELGKYEYIKWPWYIWLGF	IAGLIAIVMVTIMLCCMSTCCSCLKGCCSCGSCCKF	1234
hCoV-19/ bat/ Cambodia/ RShSTT200/ 2010 EPI_ISL_852605	LIDLQELGKYEYIKWPWYIWLGF	IAGLIAIVMVTIMLCCMSTCCSCLKGCCSCGSCCKF	1234
AGT21078.1_SARS_coronavirus_ExoN1	LIDLQELGKYEYIKWPWYIWLGF	IAGLIAIVMVTILLCCMSTCCSCLKGACSCGSCCKF	1238
AAR86775.1_SARS_coronavirus_ShanghaiQXC2	LIDLQELGKYEYIKWPWYIWLGF	IAGLIAIVMVTILLCCMSTCCSCLKGACSCGSCCKF	1238
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AGT21078.1_SARS_coronavirus_ExoN1	DEDDSEPVLLKGVKLHYT	1255	
AAR86775.1_SARS_coronavirus_ShanghaiQXC2	DEDDSEPVLLKGVKLHYT	1255	
Bat-SARS-like-CoVZXC21_AVP78042.1	DEDDSEPVLLKGVKLHYT	1245	
Bat-SARS-like-CoVZC45_AVP78031.1_MG772933.1	DEDDSEPVLLKGVKLHYT	1246	
hCoV-19/ bat/ Yunnan/ PrC31/ 2018 EPI_ISL_1098866	DEDDSEPVLLKGVKLHYT	1246	
hCoV-19/ bat/ Cambodia/ RShSTT182/ 2010 EPI_ISL_852604	DEDDSEPVLLKGVKLHYT	1251	
hCoV-19/ bat/ Cambodia/ RShSTT200/ 2010 EPI_ISL_852605	DEDDSEPVLLKGVKLHYT	1251	
YP_009724390.1_SARS-COV-2/ Wuhan-Hu-1	DEDDSEPVLLKGVKLHYT	1273	
Bat-CoV-RaTG13_QHR63300.2_MN996532.2	DEDDSEPVLLKGVKLHYT	1269	
