```
YP_005352863.1:1-1254 spike glycoprotein [organism=Night heron coronavirus HKU19]
                                                                                        YP_002308506.1:1-1156 spike glycoprotein [organism=Munia coronavirus HKU13-3514]
                                                                                       AXP20281.1:1-1176 spike protein [organism=Quail deltacoronavirus]
                                                                                   BBC54861.1:1-1158 spike protein [organism=Quail coronavirus UAE-HKU30]
                                                                                   □ BBC54852.1:1-1158 spike protein [organism=Quail coronavirus UAE-HKU30]
                                                                               AWV67107.1:1-1156 spike glycoprotein [organism=Sparrow deltacoronavirus]
                                                                               AWV67116.1:1-1156 spike glycoprotein [organism=Sparrow deltacoronavirus]
                                                                                       AMR69045.1:1-1159 spike protein [organism=Porcine deltacoronavirus]
                                                                                       AMR69049.1:1-1159 spike protein [organism=Porcine deltacoronavirus]
                                                                                       ALD83756.1:1-1159 spike glycoprotein [organism=Porcine deltacoronavirus]
                                                                                        AMR69043.1:1-1159 spike protein [organism=Porcine deltacoronavirus]
                                                                                       AMR69046.1:1-1159 spike protein [organism=Porcine deltacoronavirus]
                                                                                       AMR69047.1:1-1159 spike protein [organism=Porcine deltacoronavirus]
                                                                                       AMR69044.1:1-1159 spike protein [organism=Porcine deltacoronavirus]
                                                                                      AMR69048.1:1-1159 spike protein [organism=Porcine deltacoronavirus]
                                                                                      △AMR69050.1:1-1159 spike protein [organism=Porcine deltacoronavirus]
                                                                                    APG38198.1:1-1159 spike protein [organism=Porcine deltacoronavirus]
                                                                                      QWE80492.1:1-1159 spike [organism=Porcine deltacoronavirus] [isolate=PDCoV/Haiti/Human/0081
                                                                                     QWE80508.1:1-1159 spike [organism=Porcine deltacoronavirus] [isolate=PDCoV/Haiti/Human/0329]
                                                                                    AVR48519.1:1-1159 spike protein [organism=Porcine deltacoronavirus]
                                                                                    AYU65233.1:1-1159 spike protein [organism=Porcine deltacoronavirus]
                                                                                    ALA13745.1:1-1159 spike glycoprotein [organism=Porcine deltacoronavirus] [isolate=PDCoV/CHJXNI2/
                                                                                    AYP31078.1:1-1159 spike protein [organism=Porcine deltacoronavirus] [isolate=CHN-HN-1601]
                                                                                     AXP32216.1:1-1159 spike glycoprotein [organism=Porcine deltacoronavirus]
                                                                                    AXP32223.1:1-1159 spike glycoprotein [organism=Porcine deltacoronavirus]
                                                                                   AXP32230.1:1-1159 spike glycoprotein [organism=Porcine deltacoronavirus]
                                                                                    ASK86334.1:1-1159 spike glyprotein [organism=Porcine deltacoronavirus] [isolate=CH/JXJGS01
                                                                                    ASK86341.1:1-1159 spike glyprotein [organism=Porcine deltacoronavirus] [isolate=CH/JXJGS02]
                                                                                   AML83916.1:1-1159 spike protein [organism=Porcine deltacoronavirus]
                                                                                   AKC54442.1:1-1159 spike glycoprotein [organism=Porcine deltacoronavirus] [isolate=CHN-JS-
                                                                                   AUG59156.1:1-1159 spike protein [organism=Porcine deltacoronavirus]
                                                                                    AUH28250.1:1-1159 spike glycoprotein [organism=Porcine deltacoronavirus]
                                                                                    QOP74990.1:1-1159 spike protein [organism=Porcine deltacoronavirus] [isolate=PDcov HeN/swine,
                                                                                    ASR75145.1:1-1159 spike protein [organism=Porcine deltacoronavirus]
                                                                                   AVZ61082.1:1-1159 spike protein [organism=Porcine deltacoronavirus] [isolate=CHN-HeB1 AVZ61082.1:1-1159 Spike protein
                                                                                    AUG59164.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                    ASR75139.1:1-1159 spike protein [organism=Porcine deltacoronavirus]
                                                                                     ALS54086.1:1-1159 spike glycoprotein [organism=Porcine deltacoronavirus] [isolate=CHN-HN
                                                                                    • AKC54435.1:1-1159 spike glycoprotein [organism=Porcine deltacoronavirus] [isolate=CHN-HB]
                                                                                   • QDO79109.1:1-1159 spike glycoprotein [organism=Porcine deltacoronavirus] [isolate=CHN-GX0
                                                                                    QIV13079.1:1-1159 spike glycoprotein [organism=Porcine deltacoronavirus] [isolate=CHN-GX11
                                                                                   AKQ63083.1:1-1159 spike protein [organism=Porcine deltacoronavirus]
                                                                                    ATV90801.1:1-1160 spike protein [organism=Porcine deltacoronavirus] [isolate=CHN-GD16-05]
                                                                                   ASS83086.1:1-1159 spike protein [organism=Porcine deltacoronavirus] [isolate=KNU16-11]
                                                                                   b AIH06857.1:1-1160 spike protein [organism=Swine deltacoronavirus OhioCVM1/2014]
                                                                                   AML40881.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                    AQT34130.1:1-1160 spike glycoprotein [organism=Porcine deltacoronavirus] [isolate=DH1]
                                                                                   AQT34136.1:1-1160 spike glycoprotein [organism=Porcine deltacoronavirus] [isolate=DH2]
                                                                                   AIB07785.1:1-1160 spike protein [organism=Deltacoronavirus PDCoV/USA/Illinois133 [
                                                                                   AIB07793.1:1-1160 spike protein [organism=Deltacoronavirus PDCoV/USA/Illinois134 AIB07793.1:1-
                                                                                   AML40888.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                   AML40902.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                   AML40604.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                   ALJ32185.1:1-1160 spike glycoprotein [organism=Porcine coronavirus HKU15]
                                                                                   ANI85825.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                    ANI85839.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                    ANI85832.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                   ANI85846.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
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                                                                                    AML40783.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                    AML40776.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                   AIT11900.1:1-1160 spike protein [organism=Porcine deltacoronavirus KNU14-04] [isolate=KNU14-04]
                                                                                   AML40867.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                    AML40874.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                   AIB07807.1:1-1160 spike protein [organism=Deltacoronavirus PDCoV/USA/Ohio137
                                                                                   AML40860.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                   AML40853.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                    AML40839.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                    AML40846.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                    AML40804.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                    AHL45007.1:1-1160 spike protein [organism=Deltacoronavirus PDCoV/USA/Illinois12
                                                                                     AIB07800.1:1-1160 spike protein [organism=Deltacoronavirus PDCoV/USA/Illinois136
                                                                                    AML40832.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                     AML40818.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                     AHM88400.1:1-1160 spike protein [organism=Porcine deltacoronavirus 8734/USA-IA
                                                                                     AML40790.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                    AML40797.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                    AML40825.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                    AWG96865.1:1-1160 spike protein [organism=Porcine deltacoronavirus] [isolate=KNU16-07-P5]
                                                                                    AWG96872.1:1-1160 spike protein [organism=Porcine deltacoronavirus] [isolate=KNU16-07-P10]
                                                                                    ♦AWG96878.1:1-1160 spike protein [organism=Porcine deltacoronavirus] [isolate=KNU16-07-P20]
                                                                                    AWG96884.1:1-1160 spike protein [organism=Porcine deltacoronavirus] [isolate=KNU16-07-P30]
                                                                                    ARJ31774.1:1-1160 spike protein [organism=Porcine deltacoronavirus] [isolate=KNU16-07]
                                                                                   AKA97938.1:1-1160 spike protein [organism=Porcine deltacoronavirus]
                                                                                   ATP16467.1:1-1160 spike protein [organism=Porcine deltacoronavirus] [isolate=P29_15_VN_1215]
                                                                                      AWV96580.1:1-1160 spike glycoprotein [organism=Porcine deltacoronavirus]
                                                                                     AWV96559.1:1-1160 spike glycoprotein [organism=Porcine deltacoronavirus]
                                                                                     AWV96573.1:1-1160 spike glycoprotein [organism=Porcine deltacoronavirus]
                                                                                     AWV96566.1:1-1160 spike glycoprotein [organism=Porcine deltacoronavirus]
                                                                                   AKC54428.1:1-1160 spike glycoprotein [organism=Porcine deltacoronavirus] [isolate=CHN-AH
                                                                                     ANK58271.1:1-1159 spike glycoprotein [organism=Porcine deltacoronavirus] [isolate=P2_13_ST2_0313/PDCoV/0213/Thailand]
                                                                                     ANK58264.1:1-1159 spike glycoprotein [organism=Porcine deltacoronavirus] [isolate=P1_13_ST1_0213/PDCoV/0213/Thailand]
                                                                                     ANK58278.1:1-1160 spike glycoprotein [organism=Porcine deltacoronavirus] [isolate=P24_15_NT1_1215/PDCoV/2015/Thailand]
                                                                                    AOM53027.1:1-1160 spike protein [organism=Porcine deltacoronavirus] [isolate=P1_16_BTL_0115/PDCoV/2016/Lao]
                                                                                    AMN91670.1:1-1160 spike glycoprotein [organism=Porcine deltacoronavirus]
                                                                                    AMN91621.1:1-1160 spike glycoprotein [organism=Porcine deltacoronavirus]
                                                                                    APZ76690.1:1-1160 spike glycoprotein [organism=Porcine deltacoronavirus]
                                                                                   APZ76698.1:1-1160 spike glycoprotein [organism=Porcine deltacoronavirus]
                                                                                  ATV90793.1:1-1160 spike protein [organism=Porcine deltacoronavirus] [isolate=CHN-GD16-03]
                                                                                   ASY98687.1:1-1159 spike glycoprotein [organism=Porcine deltacoronavirus] [isolate=CHN-HG-2017]
                                                                              • AWV67134.1:1-1159 spike glycoprotein [organism=Sparrow deltacoronavirus]
                                                                             AWV67125.1:1-1157 spike glycoprotein [organism=Sparrow deltacoronavirus]
                                                                                     YP_002308479.1:1-1165 spike glycoprotein [organism=Bulbul coronavirus HKU11-934]
                                                                                     YP_005352838.1:1-1179 spike glycoprotein [organism=White-eye coronavirus HKU16]
                                                                                     ▲ AFD29201.1:1-1179 spike glycoprotein [organism=White-eye coronavirus HKU16]
                                                                                       → YP_005352881.1:1-1214 spike glycoprotein [organism=Common moorhen coronavirus HKU21]
                                                                                    YP_002308497.1:1-1192 spike glycoprotein [organism=Thrush coronavirus HKU12-600]
                                                                       YP_005352854.1:1-1217 spike glycoprotein [organism=Magpie-robin coronavirus HKU18]
                                                                     BBC54842.1:1-1200 spike protein [organism=Pigeon coronavirus UAE-HKU29]
                                                                    ◆BBC54832.1:1-1200 spike protein [organism=Houbara coronavirus UAE-HKU28]
• YP_005352871.1:1-1212 spike glycoprotein [organism=Wigeon coronavirus HKU20]
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