

## Electronic Supplementary Material

# Coexistence of multiple coronaviruses in several bat colonies in an abandoned mineshaft

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Table S1. Comparison of 8 S genes obtained here with 4 reference sequences of BtCoV 1.

Virus strains	Length (bp)	Pairwise identities of nucleotides and amino acids % (nt/aa)										
		Mful BtCoV/ 3709	RsBt CoV/ 3716	Mful BtCoV/ 3736-1	Mful BtCoV/ 3759-1	MsBt CoV/ 4001-1	MsBt CoV/ 4068-1	MsBt CoV/ 3710	MsBt CoV/ 4056-1	BtCo V-1A	BtCo V-1B	BtCoV -KY27
MfulBtCoV/ 3709	4,137											
RsBtCoV/ 3716	4,134	90.3/ 86.1										
MfulBtCoV/ 3736-1	4,125	93.1/ 92.8	90.7/ 86.8									
MfulBtCoV/ 3759-1	4,128	93.1/ 91.7	91.2/ 87.4	96.3/ 96.2								
MsBtCoV/ 4001-1	4,128	93.1/ 91.6	90.4/ 86.1	94.0/ 92.9	94.2/ 93.7							
MsBtCoV/ 4068-1	4,128	93.1/ 91.6	91.2/ 87.3	96.3/ 96.1	99.9/ 99.9	94.2/ 93.6						
MsBtCoV/ 3710	4,134	86.3/ 83.8	87.8/ 86.7	86.3/ 84.6	86.7/ 85.0	86.3/ 84.5	86.6/ 85.0					
MsBtCoV/ 4056-1	4,128	87.5/ 86.9	86.3/ 84.3	87.3/ 86.9	87.3/ 87.4	87.9/ 88.9	87.3/ 87.3	93.9/ 93.6				
BtCoV-1A	4,128	87.6/ 86.1	86.4/ 83.1	87.8/ 87.0	87.9/ 87.0	88.6/ 88.0	87.9/ 86.9	89.6/ 88.7	91.5/ 93.0			
BtCoV-1B	4,158	92.9/ 89.9	90.5/ 84.8	93.5/ 91.8	94.0/ 92.2	96.2/ 95.9	94.0/ 92.1	86.5/ 84.1	88.2/ 88.0	88.6/ 87.1		
BtCoV -KY27	4,128	83.3/ 84.2	83.3/ 82.3	84.2/ 85.9	84.6/ 86.1	83.9/ 84	84.6/ 86.0	83.2/ 84.4	83.7/ 85.9	83.7/ 85.1	83.7/ 83.3	
BtCoV-Anhui911	4,134	87.9/ 86.1	86.2/ 82.5	88.1/ 87.3	88.6/ 87.7	88.0/ 86.7	88.6/ 87.6	89.3/ 88.3	90.6/ 90.9	94.6/ 93.4	88.1/ 86.7	84.1/ 85.9