

Electronic Supplementary Material

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

Xing-Yi Ge^{1#}, Ning Wang^{1#}, Wei Zhang¹, Ben Hu¹, Bei Li¹, Yun-Zhi Zhang^{2,3}, Ji-Hua Zhou²,
Chu-Ming Luo¹, Xing-Lou Yang¹, Li-Jun Wu¹, Bo Wang¹, Yun Zhang⁴, Zong-Xiao Li⁴, Zheng-Li Shi¹✉

1. Key Laboratory of Special Pathogens, Wuhan Institute of Virology, Chinese Academy of Sciences, Wuhan 430071, China
2. Yunnan Provincial Key Laboratory for Zoonosis Control and Prevention, Yunnan Institute of Endemic Diseases Control and Prevention, Dali 671000, China
3. School of Public Health, Dali University, Dali 671000, China
4. Mojiang Center for Diseases Control and Prevention, Mojiang 654800, China

Supporting information to DOI: 10.1007/s12250-016-3713-9

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