

Virologica Sinica

Supplementary Data

Clinical characteristics and molecular epidemiology of human metapneumovirus in children with acute lower respiratory tract infections in China, 2017 to 2019: a multicentre prospective observational study

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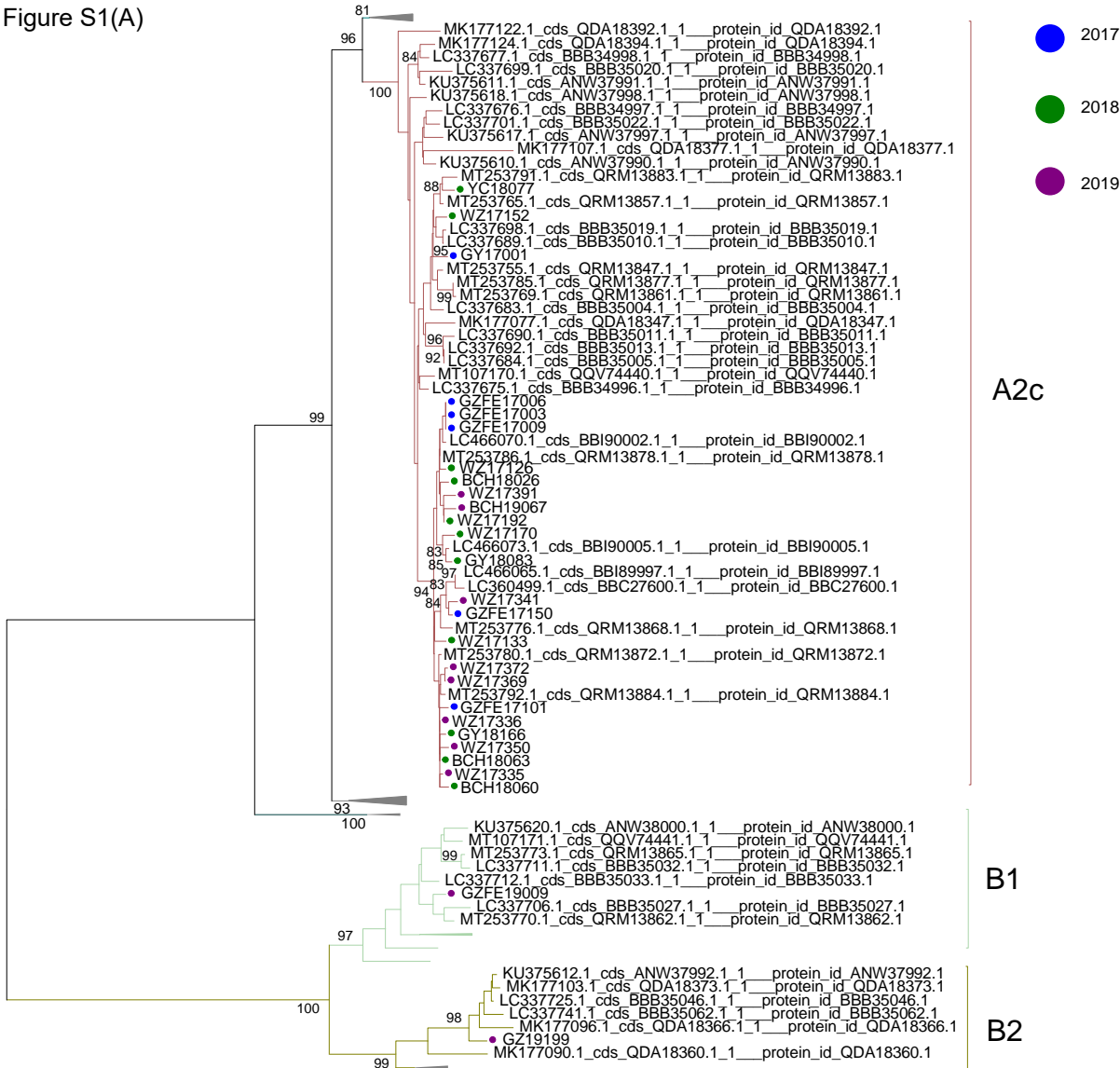
Hongwei Zhao and Qianyu Feng contributed equally to this work.

Table S1 Temporal, geographical and molecular characteristics of 27 complete HMPV genomes obtained in this study.

No.	HMPV isolate	City	Year	Subtype	GenBank accession number
1	BCH19067	Beijing	2019	A2c	OM262393
2	WZ17192	Wenzhou	2018	A2c	OM262394
3	WZ17369	Wenzhou	2019	A2c	OM262395
4	WZ17372	Wenzhou	2019	A2c	OM262396
5	WZ17391	Wenzhou	2019	A2c	OM262397
6	GZFE17003	Guangzhou	2017	A2c	OM262398
7	GZFE17006	Guangzhou	2017	A2c	OM262399
8	WZ17126	Wenzhou	2018	A2c	OM262400
9	GZFE17009	Guangzhou	2017	A2c	OM262401
10	BCH18026	Beijing	2018	A2c	OM262402
11	BCH18060	Beijing	2018	A2c	OM262403
12	BCH18063	Beijing	2018	A2c	OM262404
13	GY17001	Guiyang	2017	A2c	OM262405
14	GY18083	Guiyang	2018	A2c	OM262406
15	GY18166	Guiyang	2018	A2c	OM262407
16	GZFE17101	Guangzhou	2017	A2c	OM262408
17	GZFE17150	Guangzhou	2017	A2c	OM262409
18	WZ17133	Wenzhou	2018	A2c	OM262410
19	WZ17152	Wenzhou	2018	A2c	OM262411
20	WZ17170	Wenzhou	2018	A2c	OM262412
21	WZ17335	Wenzhou	2019	A2c	OM262413
22	WZ17336	Wenzhou	2019	A2c	OM262414
23	WZ17341	Wenzhou	2019	A2c	OM262415
24	WZ17350	Wenzhou	2019	A2c	OM262416
25	YC18077	Yinchuan	2018	A2c	OM262417
26	GZ19199	Guangzhou	2019	B2	OM262418
27	GZFE19009	Guangzhou	2019	B1	OK644703

Figure S1. Phylogenetic tree constructed based on (A) *F* gene, (B) *SH* gene and (C) *G* gene. The phylogenetic tree was generated using the neighbour-joining method based on the Kimura two-parameter model with 1000 replicates. The strains isolated in different years are marked by ● with different colours: strains from 2017 are marked with blue, strains from 2018 are marked with green, and strains from 2019 are marked with purple. For (C), 111 nt-dup variants isolated in different years are marked by ▲ with different colours: strains from 2017, 2018 and 2019 are marked with blue, green and purple respectively. Sequences were named with abbreviations of cities they were collected. BCH, WZ, GZFE, GY and YC were abbreviation of samples from Beijing Children's Hospital, the 2nd Affiliated Hospital and Yuying Children's Hospital of Wenzhou Medical University, Guangzhou Women and Children's Medical Center, Guiyang Women and Children Healthcare Hospital and Yinchuan Maternal and Child Health Hospital respectively.

Figure S1(A)



0.02

Figure S1(B)

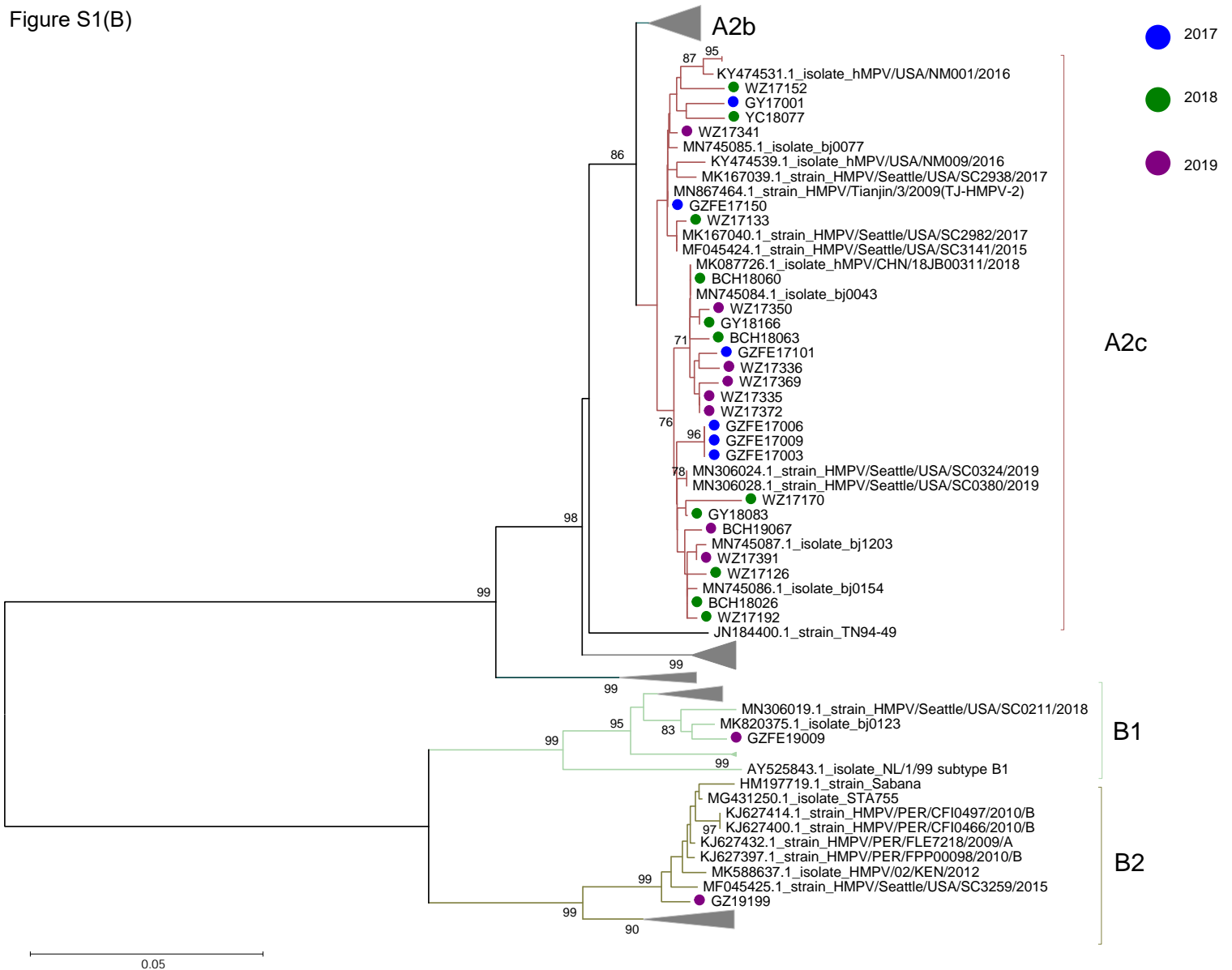
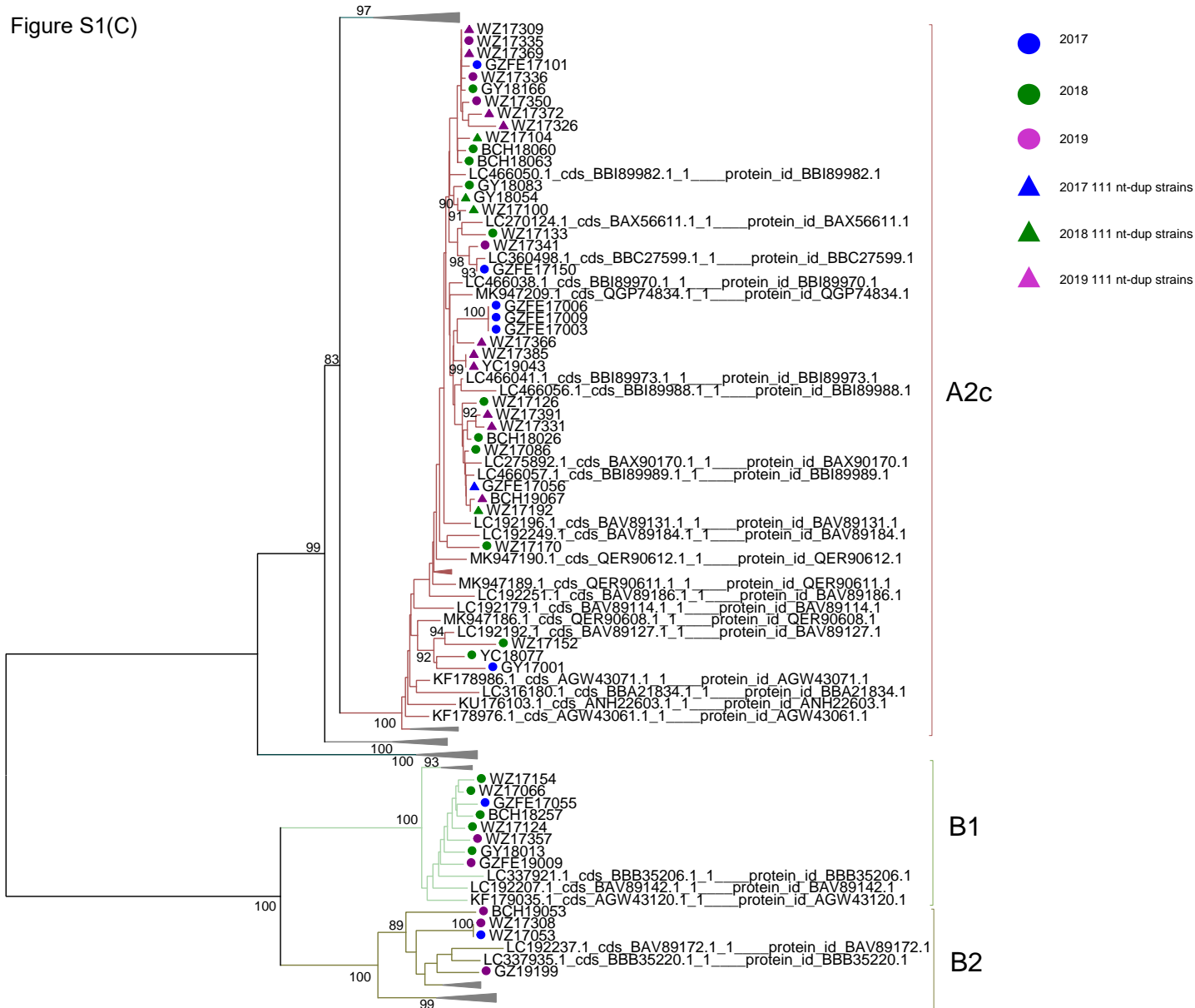


Figure S1(C)



0.05