

Strain name	Country	Year	Accession No.	Length nt/aa	Genotype
SH1801	China	2018	OM032622	705/234	PCV2d
XJ01	China	2016	KX845692	702/233	PCV2b
LX	China	2016	KX845693	705/234	PCV2d
SZ	China	2016	KX845694	702/233	PCV2b
HBBD160823	China	2016	KY126312	705/234	PCV2d
CHHBCZ	China	2018	MG786933	702/233	PCV2e
GX0601	China	2009	EF524532	702/233	PCV2e
CHHBDZ	China	2018	MG786934	702/233	PCV2b
CHHBRC	China	2018	MG798696	702/233	PCV2a
BF	China	2005	GQ404853	702/233	PCV2a
JF	China	2010	HM038022	702/233	PCV2b
JZ	China	2005	DQ206444	702/233	PCV2b
MN614	USA	2010	GQ404852	702/233	PCV2b
DK1980PMWS	Denmark	2008	EU148503	705/234	PCV2c
DK1987PMWS	Denmark	2008	EU148504	705/234	PCV2c
Buffalo2	China	2015	KM116514	705/234	PCV2d
GXWM	China	2007	EF675241	705/234	PCV2d
UFV1	Brzail	2014	KJ187306	705/234	PCV2d
GD18	China	1999	MF278779	705/234	PCV2f
YN-8	China	2011	HM776452	705/234	PCV2f
HuN-CS-2019	China	2019	ON968536	702/233	PCV2d
HuN-HH-2019	China	2019	ON968557	702/233	PCV2b
HuN-ZZ-2019	China	2019	ON968537	702/233	PCV2d
HuN-YY-2019	China	2019	ON968538	705/234	PCV2d
HuN-HY-2019	China	2019	ON968539	705/234	PCV2d
HuN-CS-2020	China	2020	ON968540	705/234	PCV2d
HuN-HY-2020	China	2020	ON968558	702/233	PCV2b
HuN-ZZ-2020	China	2020	ON968541	705/234	PCV2d
HuN-XT-2020	China	2020	ON968542	705/234	PCV2d
HuN-SY-2020	China	2020	ON968559	702/233	PCV2b
HuN-YY-2020	China	2020	ON968543	705/234	PCV2d
HuN-ZJJ-2020	China	2020	ON968544	705/234	PCV2d
HuN-CS-2021-A	China	2021	ON968545	705/234	PCV2d
HuN-CS-2021-B	China	2021	ON968546	705/234	PCV2d
HuN-ZZ-2021	China	2021	ON968547	705/234	PCV2d
HuN-HY-2021	China	2021	ON968548	702/233	PCV2d
HuN-XT-2021	China	2021	ON968549	705/234	PCV2d
HuN-SY-2021	China	2021	ON968550	705/234	PCV2d
HuN-YY-2021	China	2021	ON968551	702/233	PCV2d
HuN-CD-2021	China	2021	ON968552	705/234	PCV2d
HuN-ZJJ-2021-A	China	2021	ON968553	705/234	PCV2d
HuN-ZJJ-2021-B	China	2021	ON968554	705/234	PCV2d
HuN-XX-2021	China	2021	ON968555	702/233	PCV2d

HuN-LD-2021	China	2021	ON968556	702/233	PCV2d
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Supplementary Table S2. Detail information of PCV2 strains obtained in the present study and reference strains, including strain name, isolated country and year, GenBank accession number, and genotype, etc.,