

Table S1. The information of PRV strains isolated in this study and reference strains for sequence alignment and phylogenetic analysis

Strain	Species	Geographical location	Collection time	gE length (bp)	GenBank No
HD-1	Pig	Handan, Hebei	2017	1740	MF409395
HD-2	Pig	Handan, Hebei	2017	1740	MF409396
PY-1	Pig	Puyang, Henan	2018	1740	MW073101
SC1	Pig	Wenshui, Shanxi	2018	1740	MH507059
SC2	Pig	Wenshui, Shanxi	2018	1740	ON602708
HN-CM	Pig	Kaifeng, Henan	2019	1737	ON602709
HN-CY	Pig	Jiaozuo, Henan	2019	1737	ON602710
HN-GM	Pig	Zhumadian, Henan	2019	1737	ON602711
HN-HY	Pig	Puyang, Henan	2019	1737	ON602713
HN-LL	Pig	Luoyang, Henan	2020	1737	ON602715
HN-LH	Pig	Luoyang, Henan	2020	1737	ON602714
HN-LY	Pig	Luoyang, Henan	2020	1737	ON602716
HN-YH	Pig	Xuchang, Henan	2021	1740	ON602720
HN-HX	Pig	Jiaozuo, Henan	2021	1737	ON602712
HN-MY	Pig	Sanmenxia, Henan	2021	1737	ON602717
HN-WZ	Pig	Puyang, Henan	2021	1737	ON602718
HN-XT	Pig	Jiaozuo, Henan	2021	1737	ON602719
HN-YY	Pig	Sanmenxia, Henan	2021	1737	ON602721
Fa	Cow	China	1962	1674	AF403049
SC	Pig	China	1986	1737	KT809429
Ea	Pig	China	1999	1737	AF171937
JS-2012	Pig	China	2012	1740	KP257591
HeN1	Pig	China	2012	1740	KP098534
HN1201	Pig	China	2012	1740	KP722022
NY-2012	Pig	China	2012	1740	KF130883
TJ	Pig	China	2012	1740	KJ789182
ZJ01	Pig	China	2012	1743	KM061380
HLJ8	Pig	China	2013	1740	KT824771
Anhui-CZ33	Pig	China	2017	1739	MK934522
HeNLH	Pig	China	2017	1740	MT775883
HuN-YY	Pig	China	2018	1737	MZ501781
hSD-1	Human	China	2019	1740	MT468550
HuB17	Pig	China	2020	1737	MT949537
Kaplan	Pig	Hungary	1959	1734	JF797218
NIA-1	Pig	Northern Ireland	1962	1734	FJ605136
Becker	Pig	USA	1967	1734	JF797219
NS374	Pig	Belgium	1971	1731	FJ605135
75V19	Pig	Belgium	1975	1734	FJ605133
89V87	Pig	Belgium	1989	1734	FJ605134
Yangsang	Pig	South Korea	1996	1734	AY249861
00V72	Pig	Belgium	2000	1734	FJ605132
P-PrV	Pig	Malaysia	2003	1737	FJ176390
Hercules	Pig	Greece	2010	1734	KT983810
Kolchis	Pig	Greece	2010	1734	KT983811
RC1	Procyon lotor	Japan	2016	1725	LC342744
NIA3	Pig	UK	2016	1734	KU900059

Note: Strains are represented at the front of the table