

Additional file 1

Table S1. The list of EV71 strains used for phylogenetic analysis in this study.

Strain	Source	GenBank no.	Genotype
P013/SH/CHN/2012	This study	KJ139450	C4a
P015/SH/CHN/2012	This study	KJ159896	C4a
P045/SH/CHN/2012	This study	KJ159894	C4a
P130/SH/CHN/2012	This study	KJ159895	C4a
P186/SH/CHN/2012	This study	KJ159897	C4a
P305/SH/CHN/2012	This study	KJ159898	C4a
P323/SH/CHN/2012	This study	KJ159900	C4a
P359/SH/CHN/2012	This study	KJ159899	C4a
P395/SH/CHN/2012	This study	KJ159901	C4a
C002/SH/CHN/2011	This study	KJ188634	C4a
C011/SH/CHN/2011	This study	KJ188629	C4a
C013/SH/CHN/2011	This study	KJ188628	C4a
C014/SH/CHN/2011	This study	KJ188627	C4a
C019/SH/CHN/2011	This study	KJ188630	C4a
C032/SH/CHN/2011	This study	KJ188631	C4a
C040/SH/CHN/2011	This study	KJ188635	C4a
C045/SH/CHN/2011	This study	KJ188636	C4a
C046/SH/CHN/2011	This study	KJ188633	C4a
C052/SH/CHN/2011	This study	KJ188626	C4a
C055/SH/CHN/2011	This study	KJ188625	C4a
C057/SH/CHN/2011	This study	KJ188624	C4a
C058/SH/CHN/2011	This study	KJ188623	C4a
C059/SH/CHN/2011	This study	KJ188632	C4a
C063/SH/CHN/2011	This study	KJ188640	C4a
C068/SH/CHN/2011	This study	KJ188639	C4a

C070/SH/CHN/2011	This study	KJ188638	C4a
C077SH/CHN/2011	This study	KJ188637	C4a
C080/SH/CHN/2011	This study	KJ188642	C4a
C082/SH/CHN/2011	This study	KJ188641	C4a
242/TW/1986	GenBank	JN874548	B1
18_08/AH/CHN/2008	GenBank	GQ121427	C4a
07124/SD/CHN/2007	GenBank	JQ326299	C4a
GD/CHN/2009	GenBank	JF799986	C4a
10-38349/SH/CHN/2008	GenBank	JQ766173	C4a
TC24F/SD/CHN/2007	GenBank	EU753418	C4a
17/YN/CHN/2010	GenBank	JN251929	C4a
SHAPHC571T/SH/CHN/2010	GenBank	JF918576	C4a
623/SD/CHN/2010	GenBank	HQ668404	C4a
SHAPHC581F/SH/CHN/2010	GenBank	JF918578	C4a
650/GD/CHN/2008	GenBank	HM037808	C4a
AS17/GZ/CHN/2011	GenBank	JX203260	C4a
583/GD/CHN/2008	GenBank	HM037805	C4a
LY10108/SD/CHN/2009	GenBank	KF853532	C4a
H1261F/SD/CHN/2008	GenBank	GQ253399	C4a
H419F/SD/CHN/2008	GenBank	GQ253394	C4a
SHAPHC59T/SH/CHN/2008	GenBank	HM579943	C4a
SHAPHC44T/SH/CHN/2008	GenBank	HM579942	C4a
1231/HN/CHN/2011	GenBank	HQ668453	C4a
BrCr/USA/1970	GenBank	JN874547	A
1/Anhui/CHN/2009	GenBank	GQ994988	C4a
ZH-ETC385/GD/CHN/2009	GenBank	GQ487686	C4a
ZH-JC426/GD/CHN/2009	GenBank	GQ487689	C4a
18/Henan/CHN/2009	GenBank	KM288747	C4a
20/Henan/CHN/2009	GenBank	KM288749	C4a

ZB0002F/SD/CHN/2009	GenBank	GQ253419	C4a
RZ0010F/SD/CHN/2009	GenBank	GQ253417	C4a
118/SH/CHN/2009	GenBank	HQ667787	C4a
27/SH/CHN/2009	GenBank	HQ667783	C4a
23/KM/CHN/2009	GenBank	JF505392	C4a
16/KM/CHN/2009	GenBank	JF505391	C4a
Y90-3205/JPN/1990	GenBank	AB433863	B2
1011561/GZ/CHN/2010	GenBank	KJ865523	C4a
109834/GZ/CHN/2010	GenBank	KJ865517	C4a
1938/HN/CHN/2010	GenBank	KM260010	C4a
1981/HN/CHN/2010	GenBank	KM260011	C4a
26M-AUS-2/AUS/1999	GenBank	AF376101	B3
183/YN/CHN/2010	GenBank	AB725679	C4a
176/YN/CHN/2010	GenBank	AB725678	C4a
H07/Anhui/CHN/2011	GenBank	HQ328793	C4a
H06/Anhui/CHN/2011	GenBank	HQ328792	C4a
E59/TW/2002	GenBank	JN874551	B4
FS-882/GD/CHN/2011	GenBank	KC801034	C4a
FS-886/GD/CHN/2011	GenBank	KC801033	C4a
533/HN/CHN/2011	GenBank	KM260020	C4a
512/HN/CHN/2011	GenBank	KM260019	C4a
202/LY/CHN/AM/2011	GenBank	KF150174	C4a
11475C4/SD/CHN/2011	GenBank	KJ772432	C4a
EV1945/Kuching/MAL/2009	GenBank	HM358835	B5
FL031T/AH/CHN/2012	GenBank	KF925272	C4a
FL028T/AH/CHN/2012	GenBank	KF925271	C4a
1213845/GZ/CHN/2012	GenBank	KJ865525	C4a
127583/GZ/CHN/2012	GenBank	KJ865520	C4a
1576/Henan/CHN/2012	GenBank	KM260024	C4a

1571/Henan/CHN/2012	GenBank	KM260022	C4a
96200/SD/CHN/1996	GenBank	JQ326306	C2
97-56/HLJ/CHN/1997	GenBank	AB115494	C3
JP38/Sm/W/JPN/2000	GenBank	HQ676217	C1
SB12007-SAR/MAS/2003	GenBank	AY905548	B5
4F-4/AUS/1999	GenBank	AF376105	B3
2027/SIN/2001	GenBank	JQ766153	B4
8M-6/AUS/1999	GenBank	AF376109	C2
2952/USA/1981	GenBank	AF135888	B2
933V/VNM/2005	GenBank	AM490161	C5
03/KOR/2000	GenBank	DQ341356	C3
6910/USA/1987	GenBank	AF135901	B1
962T/VNM/2005	GenBank	AM490162	C5
SB9508-SAR/MAS/2003	GenBank	AY258301	C1
SHZH98/CHN/1998	GenBank	AF302996	C4b
SHZH04-3/CHN/2004	GenBank	AY895142	C4b