



SUPPLEMENTAL FIGURE 1. Phylogenetic analysis of 341-bp sequence from hepatitis E virus open reading frame 2 (HEV-ORF2) obtained from Burkinabe swine (swine Burkina AC#LN831924; indicated by a dot and large arrow) aligned with 78 reference sequences retrieved from Genbank. Nigerian HEV strains identified from swine in another west African region are indicated by a small arrow. Maximum-likelihood method based on the Tamura-Nei model was used. The tree with the highest log likelihood (-5,661.97) is shown. The percentage of trees in which the associated taxa clustered together as assessed by bootstrap method (100 replicates) is shown next to the branches. Branch lengths scale is the number of substitutions per site. Sequence name, given as species-HEV-country-strain-name, and accession number are given in Supplemental Table 1. All positions containing gaps and missing data were eliminated, leaving 276 positions in the final dataset. Evolutionary analyses were conducted in MEGA6 software.¹⁶

SUPPLEMENTAL TABLE 1

Reference sequences used in the phylogenetic analysis to genotype the Burkinabe HEV-swine sequence

Accession number	Name	Genotype	Date Genbank
AY575859	Swine_US_pSHEV	Genotype 3	2005
AF060669	Hum_US2	Genotype 3	1999
AF060668	Hum_US1	Genotype 3	1995
AB683185	Hum_Japan_p-c-1012	Genotype 3	2013
AB074918	Hum_Japan_KN_Sap	Genotype 3	2008
AB089824	Hum_Japan_10	Genotype 3	2009
AY115488	Swine_Canada_Arkeil	Genotype 3	2002
AB073912	Swine_Japan_570	Genotype 3	2009
AP003430	Hum_HEV_Japan_RA1	Genotype 3	2008
AJ272108	Hum_china_T1	Genotype 4	2000
AB108537	Hum_china_CCC220	Genotype 4	2008
M74506	Hum_mexico	Genotype 2	1993
AY204877	Hum_CHAD_T3	Genotype 1	2003
AY230202	Hum_morocco	Genotype 1	2003
L25595	Hum_china_K52-87	Genotype 1	1995
M80581	Hum_US_Sar_55	Genotype 1	1993
M94177	Hum_china_Hebei	Genotype 1	1996
D11093	Hum_china_Uigh179	Genotype 1	1999
X98292	Hum_india_hev037	Genotype 1	1998
AF185822	Hum_pakistan_Abb_2B	Genotype 1	2001
M73218	Hum_Burma_1982	Genotype 1	2000
KM248374	Hum_India_JBMUN44	Genotype 1	2014
AF020607	Hum_Nepal_4/94	Genotype 1	2001
X99441	Hum_Madras_india	Genotype 1	1997
KJ645957	Swine_philippines_Pao_2011_Tjs_271	Genotype 3	2015
AB236320	Wild_mongoose_Japan_MNG-Ok102C	Genotype 3	2009
AB824697	Hum_Japan_12-0546-ORF2	Genotype 3	2014
AB248522	Swine_japan_12-4	Genotype 3	2009
AB290312	Swine_Mongolia_06-A1288	Genotype 3	2009
AB301710	Hum_HEV_Japan_E03-1760F	Genotype 3	2008
AB481226	Swine_HEV_Japan_B-E10	Genotype 3	2011
AB602441	Wild_boar_Japan_OY_06	Divergent wild	2011
AY723745	Swine_Indian_00-01	Genotype 4	2006
DQ279091	Swine_china_DQ	Genotype 4	2007
EU360977-	Swine_sweden_X07-E1	Genotype 3	2008
EU375463	Swine-Thailand_HEV07	Genotype 3	2009
EU495148	Hum_France_TLS25	Genotype 3	2009
EU723512	swine_spain_626	Genotype 3	2009
EU723514	Swine_spain_P6	Genotype 3	2009
EU723516	Swine_spain_P8	Genotype 3	2009
FJ426403	Swine_Korea_1	Genotype 3	2010
FJ527832	Swine_Shanghai_AAA-JDY5	Genotype 3	2009
FJ653660	Swine_Thailand_CU001	Genotype 3	2010
FJ705359	Wild_boar_germany_27	Genotype 3	2009
FJ906895	Rabbit_china_GDC9	Rabbit HEV	2009
FJ906896	Rabbit_China_GDC46	Rabbit HEV	2009
FJ956757	Hum_Germany_HEV_RKI_3f	Genotype 3f	2009
FJ998008	Wild_boar_germany_BB02_3i	Genotype 3i	2009
FJ998015	Wild_boar_Germany_SA21_3e	Genotype 3e	2009
GU937805	Rabbit_China_bj-n1	Rabbit HEV	2011
HM055578	Swine_Hungary_HEV072/05_3e	Genotype 3e	2011
KC012635	Swine_yaounde_94	Genotype 3	2013
JX507130	Swine_HEV_madagascar_190	Genotype 3	2013
KC012634	Swine_yaounde_56	Genotype 3	2013
AB194479	Swine_HEV_Japan_HK2-3	Genotype 3	2009
AB082561	Hum_japan_5-2	Genotype 3	2009
AB094250	Swine_japan_12-1	Genotype 3	2009
AB094256	Swine_japan_15-1	Genotype 3	2009
AB115543	Hum_japan_22	Genotype 3	2009
AB290105	Swine_mongolia_06-A1354	Genotype 3	2008
AF195062	Hum_spain_VH2	Genotype 3	2000
AF296165	Swine_Taiwain_12	Genotype 3	2001
AF296166	Swine_Taiwan_13	Genotype 3	2001
AF336297	Swine_Netherlands_w99	Genotype 3	2002

(continued)

SUPPLEMENTAL TABLE 1

Continued

Accession number	Name	Genotype	Date Genbank
AF455784	swine_Kyrgyzstan_Osh_205	Genotype 3	2004
AF466667	Swine_US_UMC7A	Genotype 3	2002
AF503512	Swine_United_Kingdom_P143/11/02	Genotype 3	2006
AJ879569	Hum_England_NT3	Genotype 3	2005
AY032757	swine_Netherlands_NLSW76	Genotype 3	2002
FJ600536	Swine_DR_Congo_17_3c	Genotype 3c	2010
FJ998012	Wild_boar_germany_RP1752_3i	Genotype 3i	2009
HM446630	Hum_Italy_5_3h	Genotype 3h	2011