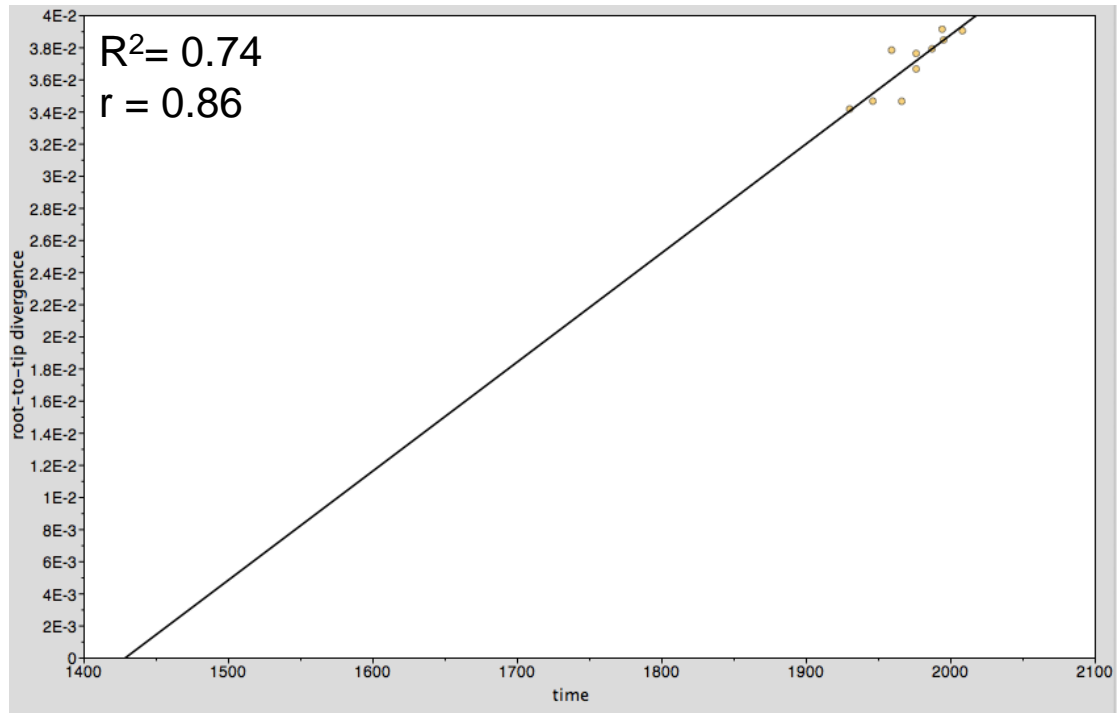**Supplementary data**

Figure S1

Figure S1. Regression analysis of temporal resolution of ECTV sequence dataset.
The plot represents linear regression of root-to-tip genetic distance within the ML
phylogeny against sampling time for each taxa. Temporal resolution was assessed using
the slope of the regression, with positive slope indicating sufficient temporal
signal. Correlation coefficient "r" and "R2" are reported.

Tables

Table S1. Survival for Figure 1.

Isolate	pfu						
	1	10	10^2	10^3	10^4	10^5	10^6
ECTV-M	0/5	0/5	0/5				
ECTV-I					5/5	5/5	4/5
ECTV-MH					5/5	5/5	5/5
ECTV-HE					5/5	5/5	5/5
ECTV-H	3/10	6/10	4/10	4/5			
ECTV-M1	5/10	2/10	0/5	0/5			
ECTV-M4	5/5	4/5	5/5	7/10	0/5	0/5	
ECTV-M5	5/5	4/5	4/10	1 /10			
ECTV-MK	5/5	3/10	2/10	0/5			

Table S2. Survival of DBA/2 mice after s. c. infection in the footpad with ECTV isolates.

Isolate	0.01	0.1	1	10	10^2	10^3
ECTV-M	0/3	1/3	3/3	3/3	2/3	3/3
ECTV-N	0/3	1/3	3/3	3/3	2/3	3/3
ECTV-H	0/3	1/3	3/3	3/3	2/3	1/3
ECTV-I	0/3	0/3	0/3	0/3	0/3	0/3

Table S3. Comparative analysis of the proteins encoded by ECTV-Moscow, ECTV-Naval and the ECTVs from this study. Excel file.