Supporting Figure

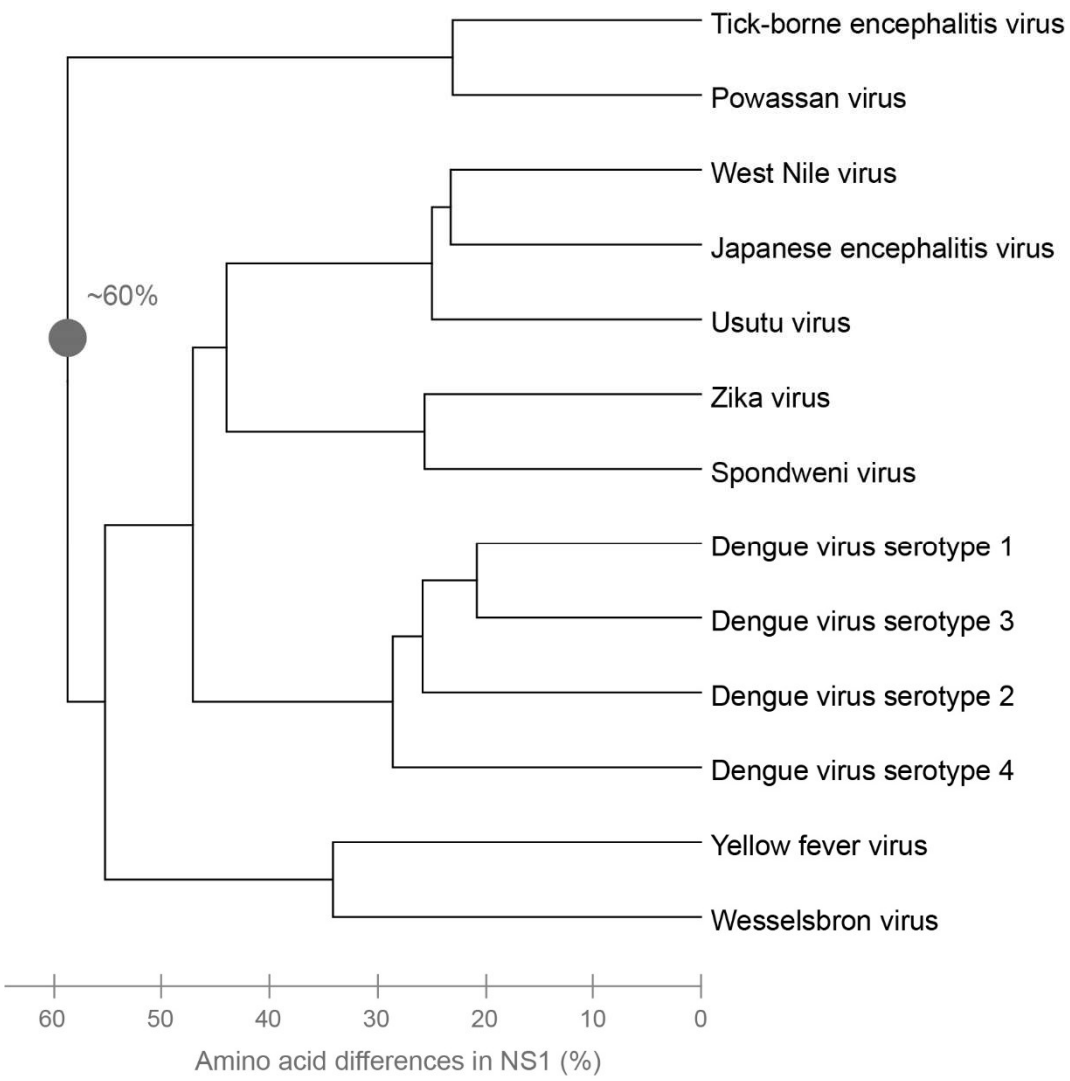


Figure S1. Distance relationships between orthoflavivirus NS1 proteins based on amino acid sequence differences. GenBank accession numbers of NS1 proteins are as follows: Tick-borne encephalitis virus (strain: Neudoerfl) U27495, Powassan virus (strain: LB) L06436, West Nile virus (strain: BD-AUT) KM659876, Japanese encephalitis virus (strain: SA14) D90194, Usutu virus (strain: Bologna-09) HM569263, Zika virus (strain: HPF-13) KJ776791, Spondweni virus (strain: SM_6_V_1) DQ859064, dengue 1 virus (strain: FGA/89) AF226687, dengue 3 virus (strain: CH5348) DQ863638, dengue 2 virus (strain: New_Guinea_C) M29095, dengue 4 virus (strain: DENV_4/SG/06K2270DK1/2005) GQ398256, yellow fever virus (strain: Asibi) AY640589, Wesselbron virus (strain: AV259) JN226796.

Supporting Tables

Table S1. NT titers of WN samples used in this study

	WN NT	USU NT	days after positive PCR	days after hospitalization
Blood donors				
1	1920	160	21	
2	240	80	30	
3	960	120	17	
4	160	60	31	
5	240	160	21	
PCR-confirmed WN patients				
6	1280	320	0	
7	960	160	11	
8	30	20	49	
9	320	80	5	
10	640	120	11	
11	240	160	0	
12	80	40	44	
13	320	40	8	
14	640	60	15	
15	240	<20	27	
16	160	80	12	
17	480	160	9	
18	80	120	8	
Serologically confirmed WN patients				
19	160	nd*		2
20	640	40		23
21	160	<20		8
22	320	120		8
23	80	20		0
24	480	60		3
25	320	<20		27
26	60	40		8
27	160	<20		0

* nd, not determined

Table S2. NT titers of USU samples used in this study

	WN NT	USU NT	days after positive PCR	days after hospitalization
Blood donors				
1	40	120	21	
2	<20	80	41	
3	40	80	17	
4	40	120	11	
5	80	240	19	
6	<20	40	26	
7	120	120	19	
8	<20	60	20	
9	80	120	23	
10	20	80	25	
11	30	120	20	
12	<20	160	42	
13	<20	40	39	
14	20	120	27	
15	80	80	48	
16	40	240	29	
Patient				
17-1	<20	20		4
17-2	<20	40		20
17-3	<20	40		27