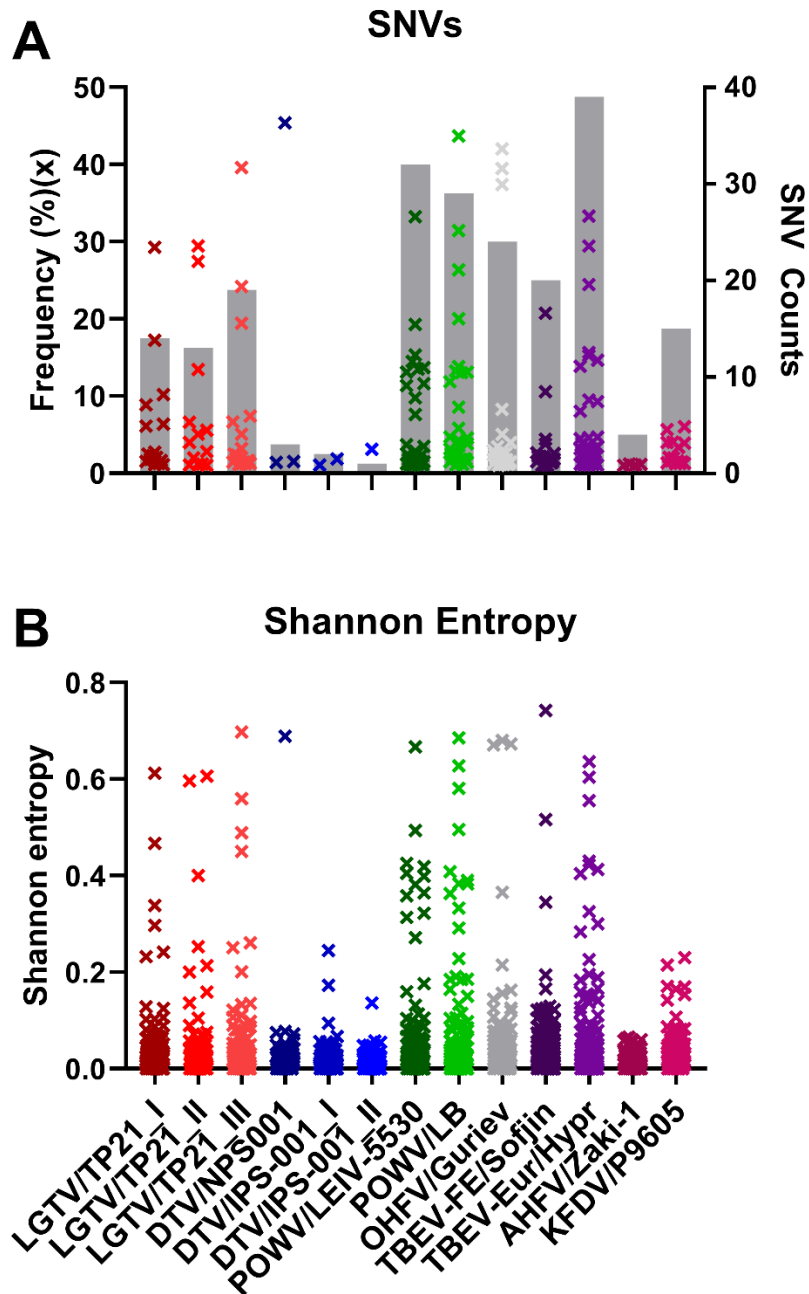


Supplementary Figure



Supplementary Figure S1. Summary of SNVs (panel **A**), where each X represents a SNV, and their frequencies are on the left Y-axis. The gray bars represent the total counts of SNVs > 1% for each virus, and these correspond to the right Y-axis. Summary of Shannon entropy (panel **B**) of the different TBE complex viruses, where each X represents a nucleotide position with a non-zero Shannon entropy.

## Supplementary Table S1

Table Supplementary S1. Shannon entropy p-values using Kruskal-Wallis test with Dunn's multiple comparisons.

	LGTV/TP 21_I	LGTV/TP 21_II	LGTV/TP 21_III	POWV/LEIV -5530	DTV/NP S001	DTV/IPS- 001_I	POWV /LB	DTV/IPS- 001_II	OHFV/G uriev	TBEV- FE/Sofjin	TBEV- Eur/Hypr	AHFV/Z aki-1	KFDV/P 9605
LGTV/TP21 _I	-	0.0332	0.0014	0.1437	0.06	>0.9999	0.000 2	0.0026	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
LGTV/TP21 _II	0.0332	-	>0.9999	>0.9999	>0.9999	>0.9999	>0.99 99	>0.9999	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
LGTV/TP21 _III	0.0014	>0.9999	-	>0.9999	>0.9999	>0.9999	>0.99 99	>0.9999	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
POWV/LEIV -5530	0.1437	>0.9999	>0.9999	-	>0.9999	>0.9999	>0.99 99	>0.9999	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
DTV/NPS00 1	0.06	>0.9999	>0.9999	>0.9999	-	>0.9999	>0.99 99	>0.9999	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
DTV/IPS- 001_I	>0.9999	>0.9999	>0.9999	>0.9999	>0.9999	-	0.319 6	>0.9999	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
POWV/LB	0.0002	>0.9999	>0.9999	>0.9999	>0.9999	0.3196	-	>0.9999	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
DTV/IPS- 001_II	0.0026	>0.9999	>0.9999	>0.9999	>0.9999	>0.9999	>0.99 99	-	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
OHFV/Guri ev	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00 01	<0.0001	-	>0.9999	0.5352	<0.0001	0.0003
TBEV- FE/Sofjin	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00 01	<0.0001	>0.9999	-	>0.9999	<0.0001	>0.9999
TBEV- Eur/Hypr	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00 01	<0.0001	0.5352	>0.9999	-	<0.0001	>0.9999
AHFV/Zaki- 1	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00 01	<0.0001	<0.0001	<0.0001	<0.0001	-	<0.0001
KFDV/P960 5	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00 01	<0.0001	0.0003	>0.9999	>0.9999	<0.0001	-