

Electronic Supplementary Material

Identification of a novel torque teno mini virus in cerebrospinal fluid from a child with encephalitis

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Table S1. Laboratory data for the patient with encephalitis

	Patient data	Normal range
Routine blood test		
White blood cell count (WBC)	$8.21 \times 10^9/L$	$4 \sim 10 \times 10^9/L$
Basophil count (BASO#)	$0.07 \times 10^9/L$	$0 \sim 0.1 \times 10^9/L$
Basophil ratio (BASO%)	0.80%	0~1%
Neutrophil count (NEUT#)	$6.26 \times 10^9/L$	$2.0 \sim 7.5 \times 10^9/L$
Neutrophil ratio (NEUT%)	76.20%	50%~70%
Eosinophil count (EO#)	$0.16 \times 10^9/L$	$0 \sim 0.7 \times 10^9/L$
Eosinophil ratio (EO%)	2.00%	0.5%~5%
Lymphocyte count (LYMPH#)	$1.34 \times 10^9/L$	$0.8 \sim 4.0 \times 10^9/L$
Lymphocyte ratio (LYMPH%)	16.30%	17%~50%
Monocyte count (MONO#)	$0.38 \times 10^9/L$	$0.3 \sim 0.8 \times 10^9/L$
Monocyte ratio (MONO%)	4.70%	3%~10%
Red blood cell count (RBC)	$4.07 \times 10^{12}/L$	$4.0 \sim 5.50 \times 10^{12}/L$
Hemoglobin (HGB)	125.00 g/L	120~160 g/L
Mean corpuscular volume (MCV)	100.70 FL	80~100 FL
Mean corpuscular hemoglobin (MCH)	30.70 pg	26~38 pg
Mean corpuscular hemoglobin concentration (MCHC)	305.00 g/L	300~360 g/L
Platelet (PLT)	$235.00 \times 10^9/L$	$100 \sim 300 \times 10^9/L$
CSF analysis		
WBC	$9 \times 10^6/L$	$0 \sim 15 \times 10^6/L$
Glucose	3.6 mmol/L	2.8~4.4 mmol/L
Chloride	118 mmol/L	111~123 mmol/L
Protein	0.40 g/L	0.15~0.45 g/L

Table S2. The basic information of accepted TTMV members and some representative unclassified species in genus *Betatorquevirus* using in this study.

Virus	Abbreviation	Accession no.	Host	Source
Torque teno mini virus 1	TTMV1-CBD279	AB026931	human	plasma
Torque teno mini virus 2	TTMV2-NLC023	AB038629	human	plasma
Torque teno mini virus 3	TTMV3-NLC026	AB038630	human	plasma
Torque teno mini virus 4	TTMV4-Pt-TTV8-II	AB041963	chimpanzees	sera
Torque teno mini virus 5	TTMV5-TGP96	AB041962	human	sera
Torque teno mini virus 6	TTMV6-CBD203	AB026929	human	serum
Torque teno mini virus 7	TTMV7-CLC156	AB038627	human	plasma
Torque teno mini virus 8	TTMV8-PB4TL	AF291073	human	Peripheral blood mononuclear cells
Torque teno mini virus 9	TTMV9-NLC030	AB038631	human	plasma
Torque teno mini virus -LIL-y1	TTMV-LIL-y1	EF538880	human	plasma
Torque teno mini virus -LIL-y2	TTMV-LIL-y2	EF538881	human	plasma
Torque teno mini virus -LIL-y3	TTMV-LIL-y3	EF538882	human	plasma
TTV-like mini virus- LIL-y4	TTMV-LIL-y4	EF538883	human	plasma
TTV-like mini virus CLC062	TLMV-CLC062	AB038625	human	Plasma
TTV-like mini virus CLC138	TLMV-CLC138	AB038626	human	plasma
TTV-like mini virus Emory1	TTMV-Emory1	KX810063	human	glioblastoma
TTV-like mini virus Emory2	TTMV-Emory2	KX810064	human	glioblastoma
Torque teno mini virus ALA22	TTMV-ALA22	KM259873	human	oral mucosa
Torque teno mini virus ALH8	TTMV-ALH8	KM259874	human	oral mucosa
TTV-like mini virus LY2	TTMV-LY2	JX134045	human	pleural effusion
TTV-like mini virus LY3	TTMV-LY3	JX134046	human	pleural effusion
TTV-like mini virus LY1	TTMV-LY1	JX134044	human	pleural effusion