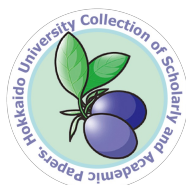




HOKKAIDO UNIVERSITY

Title	A Critical Determinant of Neurological Disease Associated with Highly Pathogenic Tick-Borne Flavivirus in Mice
Author(s)	Yoshii, Kentaro; Sunden, Yuji; Yokozawa, Kana et al.
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Virus, strain (Accession No.)

841

900

TBEV, Oshima-5-10 (AB062063)	PKSHDMLCSSLVGRKERA EWARNIWGA VEKVRKMIGQE	KFK	DYLS	CMDRH	D	LHWELKLES
TBEV, Sofjin-HO (AB062064)	.....	K	.....	.....	.....	.....
TBEV, SofjinKSY (JF819648)	.....	K	.....	S	.....	.....
TBEV, Primorye-69 (EU816453)	.....	K	.....	.....	.....	.....
TBEV, Primorye-212 (EU816450)	.....	K	.....	.....	.....	.....
TBEV, Irkutsk-1861 (JN003205)	.....	K	.....	S	.....	.....
TBEV, Senzhang (AY182009)	.....	K	.....	.....	R	.....
TBEV, Svetlgorie (GU121642)	.....	K	.....	.....	.....	R
TBEV, EK-328 (DQ486861)	..A.....	.....	.....	P	.....	R
TBEV, Cht-653 (JN003207)	..A.....	K	.....	V	P	R
TBEV, Vasilchenko (AF069066)	..A.....	K	.....	IV	P	R
TBEV, Aina (JN003206)	..A.....	K	.....	V	P	R
TBEV, AS33 (GQ266392)	..AQ.....	K	.....	P	.....	R
TBEV, Hypr (U39292)	..AQ.....	K	.....	P	.....	R
TBEV, 263 (U27491)	..AQ.....	K	.....	P	.....	R
TBEV, Salem (FJ572210)	..AQ.....	K	.....	P	.....	R
TBEV, Neudoerfl	..AQ.....	R	.....	K	.....	P
TBEV, Zausaev (AF527415)	..AQ.....	R	.....	K	.....	P
OHFV, Guriev (AB507800)	..A...M.....	R	.....	.....	R	L
OHFV, Kubrin (AY43862)	..Q...M.....	R	.....	K	.....	L
OHFV, Bogolubovka (AY323489)	..Q...M.....	R	.....	K	.....	L
ALKV, Zaki#1 (JF416956)	..Q...G.....	R	.....	K	.....	S
ALKV, 1176 (AF331718)	..Q...G.....	R	.....	K	.....	S
ALKV, 200905922 (JF416967)	..Q...G.....	R	.....	K	.....	S
KFDV, G11338 (JF416959)	..Q...G.....	R	.....	K	.....	S
KFDV, W-377 (JF416960)	..Q...G.....	R	.....	K	.....	S
KFDV, P9605 (HM055369)	..Q...G.....	R	.....	K	.....	S
Powassan, 64-7062 (HM440563)	..TQ.LV.....	.....	K	.....	S	.....
Powassan, LB (NC_003687)	..TQ.LV.....	.....	K	.....	S	.....
Langat, E5 (AF253420)	..Q...I.....	.....	G	.....	K	.....
Langat, TP21 (AF253419)	..Q...I.....	.....	G	.....	K	.....
YFV, 17D (NC_002031)	T.RQ.K..G..I	MTN..T..SH	HLVIHRI	TL....YT...	TV...YSVDAD	Q.GE
YFV, Asibi (AY640589)	T.RQ.K..G..I	MTN..T..SH	HLVIHRI	TL....YT...	TV...YSVDAD	QPGE
DENV-1 (EU081262)	G.RE.QW.G..I	LTA..T..T..QV	INQ..RL..N	NYL..MTS.K	FKNESDSEGA	L
DENV-2 (EU081180)	G.RE.QW.G..I	LTS..T..K..QT	INQ..SL..N	EYT..MPS.K	FRREE	EAGVL
DENV-3 (AY662691)	G.RE.QW.G..I	LTS..T..Q..PT	IQQ..SL..N	E..L..MPS.K	FRKEE	SEGAI
DENV-4 (AF326825)	G.RE.LW.G..I	LSS..T..K..HT	ITQ..NL..K	EYV..MPV.K	YSAPS	SEGV
JEV (4K6M_A)	G.RE.IW.G..I	TRS..T..E..YA	INQ..AV..K	NYV..MTSLR	YEDVLIQEDRV	
WNV (MRM61C)	G.RE.IW.G..I	TRA..T..E..QV	INQ..SI..D..YV..M	SLK	YEDTTLIVEDTV	