

(a)

UNV AM404308.pro
UNV DQ176636.pro
UNV AB185915.pro
UNV GU828002.pro
UNV HM488125.pro
UNV AY603654.pro
UNV AF202541.pro
UNV DQ164198.pro
UNV EF657887.pro
UNV HM147822.pro
UNV HM147824.pro
UNV DQ318020.pro
UNV AY765264.pro
UNV GQ851605.pro
UNV EU249803.pro
Kunjin virus AY274505.pro
Kunjin virus D00246.pro
Kunjin virus AY274504.pro
JEV AY316157.pro
JEV M18370.pro
MVEV AF161266.pro
MVEV X03467.pro
SLEV FJ753287.pro
SLEV FJ753286.pro
YFV HM582851.1.pro
YFV FJ654700.pro
DENV1 FJ687430.pro
DENV2 GQ398314.pro
DENV3 FJ744740.pro
DENV4 GQ398256.pro
TBEV AY169390.3.pro
TBEV EU816451.pro

A	P	K	R	L	T	A	T	T	E	K	L	E	I	G	W
A	P	K	R	L	T	A	T	T	E	K	L	E	I	G	W
A	P	K	R	L	T	A	T	T	E	K	L	E	I	G	W
A	P	K	R	L	T	A	T	T	D	K	L	E	I	G	W
A	P	K	R	L	T	A	T	T	E	K	L	E	I	G	W
A	P	K	R	L	T	A	T	T	E	K	L	E	I	G	W
A	P	K	R	L	T	A	T	T	E	K	L	E	M	G	W
A	P	K	R	L	A	A	T	T	E	K	L	E	M	G	W
A	P	K	R	L	A	A	T	T	E	K	L	E	M	G	W
A	P	K	R	L	K	A	T	T	E	K	L	E	I	G	W
A	P	K	R	L	T	A	T	T	E	K	L	E	I	G	W
A	P	R	R	L	T	A	T	T	E	K	L	E	I	G	W
A	P	R	R	L	T	A	T	T	E	K	L	E	I	G	W
A	P	K	R	L	S	M	T	Q	E	K	F	E	M	G	W
A	P	K	R	L	S	M	T	Q	E	K	F	E	M	G	W
A	P	N	R	L	R	L	T	V	E	E	L	D	I	G	W
A	P	N	R	L	R	K	L	E	D	E	L	D	I	G	W
A	P	R	R	L	K	K	L	E	D	E	L	N	Y	G	W
G	T	H	P	F	S	R	I	R	D	G	L	Q	Y	G	W
G	T	H	P	F	S	R	I	R	D	G	L	Q	Y	G	W
G	K	K	M	I	R	P	Q	P	M	E	L	K	Y	S	W
G	K	R	S	L	R	P	Q	P	M	E	L	K	Y	S	W
G	K	R	A	L	T	P	P	V	N	D	L	K	Y	S	W
G	I	P	G	L	L	K	K	G	K	D	I	K	V	S	W
G	I	P	G	L	L	K	K	G	K	D	I	K	V	S	W

925

934

(b)

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DENV3 FJ744740.pro
DENV4 GQ398256.pro
TBEV AY169390.3.pro
TBEV EU16451.pro

A	N	N	T	F	V	V	D	G	P	E	T	K	E	C	P
A	N	N	T	F	V	I	D	G	P	E	T	E	E	C	P
A	N	N	T	F	V	V	D	G	P	E	T	K	E	C	P
A	N	N	T	F	V	V	D	G	P	E	T	K	E	C	P
A	N	N	T	F	V	V	D	G	P	E	T	K	E	C	P
A	N	N	T	F	V	V	D	G	P	E	T	K	E	C	P
A	N	N	T	F	V	V	D	G	P	E	T	K	E	C	P
A	N	N	T	F	V	I	D	G	P	E	T	E	E	C	P
A	N	N	T	F	V	I	D	G	P	E	T	E	E	C	P
A	N	N	T	F	V	I	D	G	P	E	T	E	E	C	P
A	N	H	T	F	V	V	D	G	P	E	T	K	E	C	P
A	N	N	T	F	V	V	D	G	P	E	T	E	E	C	P
A	N	N	T	F	V	V	D	G	P	E	T	K	E	C	P
A	N	N	T	F	V	I	D	G	P	E	T	K	E	C	P
A	N	N	T	F	V	I	D	G	P	E	T	K	E	C	P
A	N	S	T	F	V	V	D	G	P	E	T	K	E	C	P
A	N	S	T	F	V	V	D	G	P	E	T	K	E	C	P
A	N	S	T	F	V	V	D	G	P	E	T	A	E	C	P
A	N	S	T	F	V	V	D	G	P	E	T	A	E	C	P
G	N	N	T	F	V	V	D	G	P	E	T	K	E	C	P
G	N	N	T	F	V	V	D	G	P	E	T	K	E	C	P
K	N	G	S	F	I	I	D	G	K	S	R	K	E	C	P
K	N	G	S	F	I	I	D	G	K	S	R	K	E	C	P
Q	N	A	T	F	I	I	D	G	P	N	T	P	E	C	P
H	N	Q	T	F	L	I	D	G	P	E	T	A	E	C	P
Q	N	S	S	F	I	I	D	G	P	N	T	P	E	C	P
R	N	S	T	F	L	I	D	G	P	D	T	S	E	C	P
A	P	R	R	F	M	V	G	T	E	G	G	S	E	C	P
A	P	R	R	F	M	V	G	T	E	G	G	S	E	C	P