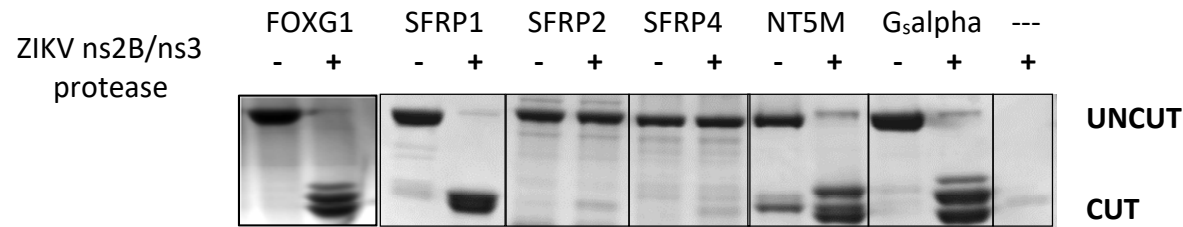


A

Substrate	Cleavage Site Sequence	Accession No.
ZIKV C↓Ci	KER KRR ↓ GAD TSIGI	
ZIKV ns2A↓ ns2b	TRS GKR ↓ SWPP SEVL	
ZIKV ns2B↓ns3	VKT GKR ↓ SGAL WDVP	
ZIKV ns3↓ns4A	FAA GKR ↓ GAAL GVME	
ZIKV ns4B↓ns5	GLV KRR ↓ GGGT GETL	
Secreted Frizzled-related protein 1 (SFRP1)	SE GGR ↓ GAAL GVLL	NP_003003.3, AAB70793.1
Gs Alpha subunit	QV AGR ↓ GAAL PCS	CAA39484.1
NT5M, 5'(3')-deoxy-ribonucleotidase, mitochondrial isoform X3	VP AGR ↓ GAAG GLGL	XP_011522268.1
Transcription factor HFK1 (Forkhead box protein G1)	KL AFKR ↓ GARL TSTG	CAA52239.1
Ankyrin repeat domain-containing protein 65 isoform 1	AAA AGR ↓ GAAL RFL	NP_001138682.1
Mitochondrial dynamics protein MID51 isoform 1	SH SGKR ↓ SWEEP NWM	NP_061881.2
Voltage-dependent T-type calcium channel subunit alpha-1H isoform X7	GP PAR ↓ SWPP SPQR	XP_016879309.1
Plexin-B3 isoform 1 and 2 precursor & plexin-B3	FA AGR ↓ GTQA ALCA	NP_005384.2
PRRC2A	GR GDKR ↓ SWP SPKNR	AQY77357.1
Leucine-rich repeat and calponin homology domain-containing protein 4 isoform 2	TE AGQR ↓ GSAL GLA	NP_001276863.1
Protein phosphatase 1B (PPM1B)	RA AGKS ↓ GSAL ELSV	AAV89640.1
FCRLB protein	GP REAR ↓ GAAL GGVV	AAH38564.2

B



C

SFRP1 MGIGRSE**GG****RG****GAAL**GVLLALGAAL
SFRP2 MLQGPGLLLLLFLASHCCLGSA**RG**LF**L**FGQPDFS
SFRP4 MFLSILVALCLWLHLAL**GV****RG**APCEAVRIPMCRH

D

	SFRP1	FOXG1	NT5M
ZIKV ns2B ns3	VKT GKR SGAL WDVP		
ZIKV ns3 ns4A	FA AGKR GAAL GVME		
Homo sapiens	MGIGRSE GG RG GAAL GVLLALGAAL	RSTTSRA KLAF KRG ARLTSTG	CSAA VP AG RR GAAG GLGLAGG
Macaca mulatta	MGSGRS AG GC RG AA LVLLALGAAL	RSTTSRA KLAF KRG ARLTSTG	CSAA VP AG RR GAAG GGQLAGG
Gorilla gorilla	MGSGRS VG GG RG AV LVLLALGAAL	RSTTSRA KLAF KRG ARLTSTG	CSAA VP AG RR GAAG GGPLAGG
Pongo abelii	MGSGRS VG GG RG AA LVLLALGAAL	RSTTSRA KLAF KRG ARLTSTG	CSAA VP VG RR GAAG GGPLAGD
Pan troglodytes	MGSGRS VG GG RG AA LVLLALGAAL	RSTTSRA KLAF KRG ARLTSTG	CSAA VP AG RR GAAG GGPLAGG
Myotis lucifugus	MGSGRG AG GG RG AA GVLLALAAGL	(seq unavailable)	-----
Tupaia chinensis	MGSGRG AG GG RG AA GVLLALAAGL	RSTTSRA KLAF KRG ARLTSTG	-----
Gallus gallus	MGVGRSE GG RG AA LVLLALGVAL	RSTTSRA KLAF KRG ARLTSTG	HCGPLAG LG RGSCPTA G SRRA
Equus caballus	MGSGRG AG GG RG AA GVLLALAAGL	RSTTSRA KLAF KRG ARLTSTG	RGAAG P AG RR WA AGGPAGRAG
Xenopus laevis	-----MNGENGIWPLLLFWVTPGIL	RSTTSRA KLAF KRG ARLTSTG	MAFLPSLL RG GNMLSPL Q NS
Bos taurus	-----MG GR W AA AGALLALAAGL	RSTTSRA KLAF KRG ARLTSTG	RGAAG P AG RR WA SGGPAGRA
Sus scrofa	-----MG GR W AA AGVLLALAAGL	RSTTSRA KLAF KRG ARLTSTG	TRPAG P AG RR WA SGGP G GRA
Camelus dromedarius	-----MG GR W AA AGVLLALAAGL	RSTTSRA KLAF KRG ARLTSTG	-MAMAM A AR H TRP-----
Rattus norvegicus	MGVGR N ARG GG GA SGVLLALAAAL	RSTTSRA KLAF KRG ARLTSTG	RLRGCC AR P RG A PLRAER---
Mus musculus	MGVGR S ARG GG GA SGVLLALAAAL	RSTTSRA KLAF KRG ARLTSTG	RLRGCC AR P RG A PLRAERSR
Salmo salar	-----MRSIE LG CGWRIIPLALTMAV	RSTTSRA KLAF KRG ARLTSTG	GRILLHDQ F K C ISAKMSSSSG
C. elegans	-----MMLFPVLYILFAFSV	RPSS----- L SRAR	(No homologue)