

A

SAFV-3 NL2007	-MA-----CKHGY-LLCPLCTALDITPDGSFTLLFDNEWYPTDLLTVNLDDDDVFYPLDT-----NMDWTDLPLIQDIVMEPQ
SAFV-2 UC1	-MA-----CKHGY-LMCPLCTALDKTSDGLFTLLFDNEWYPTDLLTVNLEDEVFYPPDP-----HMEWTDLPLIQDIEMEPQ
SAFV-2 Can112051	-MA-----CKHGY-LMCPLCTALDNTSDGLFTLLFDNEWYPTDLLTVNLEDEVFYPPDL-----HMEWTDLPLNQDIEMEPQ
SAFV-1	-MA-----CKHGY-FLCPLCTAIDISADGSFALLFDNEWYPTDLLTVLDLDDVDFHPPDC-----VMEWTDLPLIQDIVMEPQ
TMEV GDVII	-MA-----CKHGY-DVCPICTAVDATPDFEYLLMADGEWFPDLLCVDLDDVDFWPSDTSTQPTMEWTDVPLVCDTVMEPQ
TMEV DA	-MA-----CKHGY-DVCPICTAVDVTPGFEYLLADGEWFPDLLCVDLDDVDFWPSNSSNQSETMEWTDLPLVRDIVMEPQ
TRV1	MMA-----CIHGY-SVCPICTAIDKSSDGMYYLLADNEWFPADLLTMDLDDVDFWPNDKSNVSETMDWTDLPFILDIVMEPQ
TRV NGS910	MMA-----CIHGY-SVCPICTAIDKSSDGMYYLLADNEWFPADLLTMDLDDVDFWPNDKSNVSETMDWTDLPFILDIVMEPQ
VHEV	-MA-----CKHGY-DVCPICTAIDVTPGFEYLLADGEWFPDLLCVDLDDVDFWPSDSSNQSQTMEWTDIPLICDITVMEPQ
EMCV	-MATTEQEICAHSMTFEPCPKCSALQYR-NGFYLLKYDEEWYPEELLT-DGEDDVDFPDL-----MEVVFETQ

zinc finger
acidic domain
S/T-rich domain

B

SAFV-3 NL2007	TDIRFCALSALLWILLQTDHLSLCLIMSGIQPTF*
SAFV-2 UC1	TDIRLCALFALLSTKLRTDFSPFCSTMNGTQLTY*
SAFV-2 Can112051	TDIRLCALFALLSTTLRTDFSPFCSIMNGTQLTY*
SAFV-1	TDIRFCALFALLTSLQMDLLLYLTMNGTRLTSLLLTWTTTCFIPRI-----VLWNGLIYH*
TMEV DA	MDTQMCALFAQPLTLLPDLNICSWQTVNGSQRTFFVVTWTMTSSGLRTRALNKLQWNGLYRSYAILSWNPRETP
TMEV GDVII	TDTQTCALFAQPLTLLPDLNICSWQTEGSLRTEFFVVTWTMTSSGLRTRALNKLQWNGLYRSYAILSWNPREMP
EMCV	LQPWNKRFLVLP*