

Table S1. Oligonucleotide primers used for cloning and mutagenesis. (a) The oligonucleotide primers used to amplify SASP37, SASP28, and SASP14 sequences from pCMV6-XL4-asprv1 vector. Codon encoding Ile2 residue is underlined in forward-BamH1-SASP14 primer (wild-type residue is Met2 according to SASP14 numbering). (b) Oligonucleotide primers used for mutagenesis are listed here and were deposited to the public oligonucleotide database of Laboratory of Retroviral Biochemistry: <http://lrb.med.unideb.hu/research/oligos>.

A)

Name	Sequence
forward-BamH1-SASP37	5'-G ATA GGA TCC GGG AGC CCA GGG GC-3'
forward-BamH1-SASP28	5'-G ATA GGA TCC GCC GGG AGC GGA GCC-3'
forward-BamH1-SASP14	5'-G ATA GGA TCC AGC <u>ATC</u> GGT AAG GGC-3'
reverse-EcoR1-SASP37/28	5'-CT ATT GAA TTC TCA GTG GGA TAG CTC CTG CCG-3'
reverse-EcoR1-SASP14	5'-CT ATT GAA TTC TCA CTC CAG GTC AAA CTC ATC TTC CAG-3'

B)

Name	Sequence
Processing site mutant: SASP28-A189K/N190I	
SASP28-A189K/N190I	5'-CTG CCC AAA GAG ATC GTC TTT AAG ATC AGC ATG GGT AAG GGC TAC-3'
Processing site mutant: SASP28-A167G/L168G/A189K/N190I	
SASP28-A189K/N190I	5'-CTG CCC AAA GAG ATC GTC TTT AAG ATC AGC ATG GGT AAG GGC TAC-3'
SASP28-A167G/L168G	5'-G GG ACT GTG AAA GAG GGC GGC CTG AAG GCC TTT GGG-3'