**Mutant VavSH2-SH3 (649AA)**

CCGCCACCCGTCTGCGATCGTCAGTTGTCCGAGCAACCGGCTGGAGAACCGGCGCATAGGCACCTACC

P P P V C D R Q L S E Q P A G E P A H R H L P

TGTTGCGAGTTCGTCCGCAGGGCCCATCCACTGCCCACGAGACGATGTATGCGCTTAG

V A S S S A G P I H C P R D D V C A STOP

2 nt are deleted, then 2 nt OK and 39 nt deleted (41 nt deleted in total) : frame shift, 30 AA are différent (in red), followed by a stop codon.

S20.6

**Mutants VavSH3 (725AA)**

last intron SH2

SH2 domain

Different AA

TATTGTAGTAAAAGCTATTCGATTGATCACGACTCTCTCGGTTTGCAGGCTCAATCAGTCGCTGCAGT

L N Q S L Q

GGAGGTGATC

W R STOP

10 nt deleted at the end of the SH2 domain. The 6 last amino acids from the SH2 domain are deleted, one R is introduced, followed by a stop codon.

S20.12

