

Here are my nt/aa sequences (blue: lifeact ; grassgreen: Ser linker ; red: tagRFP ; purple: the mutation S(AGC)>T(ACC) ; black: flanking sequences ; underlined: Kpn1 (5') and Xba1 (3'), restriction enzymes used for cloning into attB-UASP):

GGTACC

ATGGGCGTGGCCGACCTGATCAAGAAGTTCGAGTCCATCTCCAAGGAGGAGTCCTCGAGCTCCAGCATGGTGTCTAAGGGC
M G V A D L I K K F E S I S K E E S S S S S M V S K G
GAAGAGCTGATTAAGGAGAACATGCACATGAAGCTGTACATGGAGGGCACCGTGAACAACCACCACTTCAAGTGCACATCC
E E L I K E N M H M K L Y M E G T V N N H H F K C T S
GAGGGCGAAGGCAAGCCCTACGAGGGCACCCAGACCATGAGAATCAAGGTGGTTCGAGGGCGGCCCTCTCCCCTTCGCCTTC
E G E G K P Y E G T Q T M R I K V V E G G P L P F A F
GACATCCTGGCTACCAGCTTCATGTACGGCAGCAGAACCTTCATCAACCACACCCAGGGCATCCCCGACTTCTTTAAGCAG
D I L A T S F M Y G S R T F I N H T Q G I P D F F K Q
TCCTTCCCTGAGGGCTTCACATGGGAGAGAGTCCACACATACGAAGACGGGGGCGTGTGACCGCTACCCAGGACACCAGC
S F P E G F T W E R V T T Y E D G G V L T A T Q D T S
CTCCAGGACGGCTGCCTCATCTACAACGTCAAGATCAGAGGGGTGAACTTCCCATCCAACGGCCCTGTGATGCAGAAGAAA
L Q D G C L I Y N V K I R G V N F P S N G P V M Q K K
ACACTCGGCTGGGAGGCCAACACCGAGATGCTGTACCCCGCTGACGGCGGCCTGGAAGGCAGAAAGCAGCATGGCCCTGAAG
T L G W E A N T E M L Y P A D G G L E G R S D M A L K
CTCGTGGGCGGGGGCCACCTGATCTGCAACTTCAAGACCACATACAGATCCAAGAAACCCGCTAAGAACCTCAAGATGCCC
L V G G G H L I C N F K T T Y R S K K P A K N L K M P
GGCGTCTACTATGTGGACCACAGACTGGAAAGAATCAAGGAGGCCGACAAAGAGACCTACGTTCGAGCAGCACGAGGTGGCT
G V Y Y V D H R L E R I K E A D K E T Y V E Q H E V A
GTGGCCAGATACTGCGACCTCCCTAGCAAACCTGGGGCACAAACTTAATCAAGCTTGATATCGAATTCTGCAGCCCCGGGGGA
V A R Y C D L P S K L G H K L N S S *

TCCACTAGTTCTAGA