

Fig. S3

N-terminal GTA tag

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1   aaaaATGGGA CTTAATGATA TTTTCGAAGC TCAGAAGATT GAATGGCATG AATCTGGAGG
61  AGGATCTGAG AACCTTTACT TCCAAGGAGA GAACCTTTAC TTCCAAGGAT CTGGAGGAGG
121 ATCTATGAGT AAAGGAGAAG AACTTTTCAC TGGAGTTGTC CCAATTCTTG TTGAATTAGA
181 TGGTGATGTT AATGGGCACA AATTTTCTGT CAGTGGAGAG GGTGAAGGTG ATGCAACATA
241 CGGAAAACTT ACCCTTAAAT TTATTTGCAC TACTGGAAAA CTACCTGTTC CATGGgtaag
301 tttaaacata tatatactaa ctaaccctga ttattttaa tttcagCCAA CACTTGTCCAC
361 TACTTTCTGT TATGGTGTTC AATGCTTCTC GAGATACCCA GATCATATGA AACGGCATGA
421 CTTTTTCAAG AGTGCCATGC CCGAAGGTTA TGTACAGGAA AGAACTATAT TTTTCAAAGA
481 TGACGGGAAC TACAAGACAC gtaagtttaa acagttcggg acgaagttcc tatactttct
541 agagaatagg aacttcacctg ttgacaatta atcatcggca tagtatatcg gcatagtata
601 atacgacaag gtgaggaaact aaaccaggga ggcagatcat gagtctgaaa gaaaaaacac
661 aatctctgtt tgccaacgca tttggctacc ctgccactca caccattcag gcgcctggcc
721 gcgtgaattt gattggtgaa cacaccgact acaacgacgg tttcgttctg cctgcgcga
781 ttgattatca aaccgtgatc agttgtgcac cacgcgatga ccgtaaagt cgcgtgatgg
841 cagccgatta tgaaaatcag ctcgacgagt tttccctcga tgcgccatt gtcgcacatg
901 aaaactatca atgggctaac tacgttcgtg gcgtggtgaa acatctgcaa ctgcgtaaca
961 acagcttcgg cggcgtggac atggtgatca gcggcaatgt gccgcagggt gccgggttaa
1021 gttcttccgc ttcactggaa gtcgcggtcg gaaccgtatt gcagcagctt tatcatctgc
1081 cgctggacgg cgcacaaatc gcgcttaacg gtcaggaagc agaaaaccag tttgtaggct
1141 gtaactgcgg gatcatggat cagctaattt ccgcgctcgg caagaaagat catgccttgc
1201 tgatcgattg ccgctcaactg gggaccaaaag cagtttccat gccaaaagg gtggtgtctg
1261 tcatcatcaa cagtaacttc aaacgtaccc tggttggcag cgaatacaac acccgctcgtg
1321 aacagtgcga aaccggtgcg cgtttcttcc agcagccagc cctgcgtgat gtcaccattg
1381 aagagttcaa cgctgttgcg catgaactgg acccgatcgt ggcaaaacgc gtgcgtcata
1441 tactgactga aaacgcccgc accgttgaag ctgccagcgc gctggagcaa ggcgacctga
1501 aacgatatgg cgagttgatg gcggagtcct atgcctctat gcgcgatgat ttcgaaatca
1561 ccgtgccgca aattgacact ctggtagaaa tcgtcaaaagc tgtgattggc gacaaaagggtg
1621 gcgtacgcat gaccggcgcc ggatttggcg gctgtatcgt cgcgctgatc ccggaagagc
1681 tggtgccctgc cgtacagcaa gctgtcgcgt aacaatatga agcaaaaaca ggtattaaag
1741 agacttttta cgtttgtaaa ccatcacaag gagcaggaca gtgctgagga tccactagtt
1801 ctagagcgcc cgogaagttc ctatactttc tagagaatag gaacttc taa ctaaccatac
1861 atattttaa tttcagGTGC TGAAGTCAAG TTTGAAGGTG ATACCCTTGT TAATAGAATC
1921 GAGTTAAAAG GTATTGATTT TAAAGAAGAT GGAAACATTC TTGGACACAA ATTGGAATAC
1981 AACTATAACT CACACAATGT ATACATCATG GCAGACAAAC AAAAGAATGG AATCAAAGTT
2041 gtaagtttaa acatgatttt actaactaac taatctgatt taaattttca gAACTTCAAA
2101 ATTAGACACA ACATTGAAGA TGGAAGCGTT CAACTAGCAG ACCATTATCA ACAAATACT
2161 CCAATTGGCG ATGGCCCTGT CCTTTTACCA GACAACCATT ACCTGTCCAC ACAATCTGCC
2221 CTTTCGAAAG ATCCCAACGA AAAGAGAGAC CACATGGTCC TTCTTGAGTT TGTAACAGCT
2281 GCTGGGATTA CACATGGCAT GGATGAACTA TACAAAAGGAG GAGGATCTGG AGGAGGAGGA
2341 TCTGGAGGAG GAGGT

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flexible linker
GFP
FRT site
galK sequence
2 TEV sites
Avi tag
stop/start codon