

HELLO DNA sequence:

ACCATGCGATCTTTGTTGATCCTGGTTTTGTGTTTTTTGCCCTGGCTGCTCTCGGGAAAGTATTCGGCC
GGTGCAGCTGGCTGCTGCTATGAAGCGACATGGGTTGGACAATTATAGAGGCTATAGCCTCGGAAACTG
GGTGTGCGCCGAAAATTCGAGAGTAATTTCAATACCCAGGCTACAAATAGAAATACAGATGGTTCACA
GACTATGGTATTCTCCAGATCAATAGCAGGTGGTGGTGTAAACGACGGCCGAACACCCGGTTCTCGCAACC
TCTGTAACATAACCATGTTTCAGCCCTTCTCTCTAGCGATATAACTGCATCCGTTAATTCGCGCAAAGAAAAT
AGTCAGTGATGGGAATGGAATGAACGCTTGGGTGCGATGGAGGAACCGATGCAAGGGTACTGACGTGCAG
GCTTGGATTTCGAGGCTGTAGGCTGGTGGAGGCGGTTTCAGGCGGAGGTGGCTCTGGCGGTGGCGGATCGA
AAGCTGTGTACAACCTTTGCAACATGCGGGATCGACTACAAGGATGACGATGACAAGGGTTTGAACGGCCC
TGACATTTACAAGGGAGTTTATCAGTTTAAATCCGTTGAGTTTGACTACCCATACGATGTTCCAGATTAC
GCTGGATCTGGAGAGGGCAGAGGAAGTCTGCTAACATGCGGTGACGTCGAGGAGAATCCTGGCCCAATGG
TCAGCAAGGGCGAGGCAGTGATCAAGGAGTTCATGCGGTTCAAGGTGCACATGGAGGGCTCCATGAACGG
CCACGAGTTCGAGATCGAGGGCGAGGGCGAGGGCCGCCCTACGAGGGCACCCAGACCGCCAAGCTGAAG
GTGACCAAGGGTGGCCCCCTGCCCTTCTCCTGGGACATCCTGTCCCCTCAGTTCATGTACGGCTCCAGGG
CCTTCATCAAGCACCCCGCCGACATCCCCGACTACTATAAGCAGTCCCTCCCCGAGGGCTTCAAGTGGGA
GCGCGTGATGAACTTCGAGGACGGCGGCGCCGTGACCGTGACCCAGGACACCTCCCTGGAGGACGGCACC
CTGATCTACAAGGTCAAGCTCCGCGGCACCAACTTCCCTCCTGACGGCCCCGTAATGCAGAAGAAGACAA
TGGGCTGGGAAGCGTCCACCGAGCGGTTGTACCCCGAGGACGGCGTGCTGAAGGGCGACATTAAGATGGC
CCTGCGCCTGAAGGACGGCGGCCGCTACCTGGCGGACTTCAAGACCACCTACAAGGCCAAGAAGCCCGTG
CAGATGCCCGGCGCCTACAACGTGACCGCAAGTTGGACATCACCTCCCACAACGAGGACTACACCGTGG
TGAACAGTACGAACGCTCCGAGGGCCGCCACTCCACCGGCGGCATGGACGAGCTGTACAAGTGA

HELLO:

[Signal Peptide]HEL-LINKER-GP33-43/FLAG/GP61-80-HA-T2A-mScarlet

MRSLLILVLCFLPLAALGKVFGRCELAAMKRHGLDNYRGYSLGNWVCAAKFESNFNTQATNRNTDGSTD
YGILQINSRWWCNDGRTPGSRNLCNIPCSALLSSDITASVNC AKKIVSDGNMNAWVAWRNRCKGTDVQA
WIRGRLGGGSGGGSGGGGSKAVYNFATCGIDYKDDDDKGLNGPDIYKGVYQFKSVEFDYYPYDVPDYA
GSSEGRSLLTCGDVEENPGPMVSKGEAVIKEFMRFKVHMEGSMNGHEFEIEGEGEGRPYEGTQTAKLKV
TKGGPLPFSWDILSPQFMYGSRAFIKHPADIPDYKQSFPEGFKWERVMNFEDGGAVTVTQDTSLEDGTL
IYKVKLRGTNFPDPGPMQKKTMGWEASTERLYPEDGVLKGDIKMALRLKDGGRYLADFKTTYKAKKPVQ
MPGAYNVDRKLDITSHNEDYTVVEQYERSEGRHSTGGMDELYK

NINJA:

N-GFP-LINKER-GP33-43/FLAG/GP61-80-LINKER-C-GFP

MVSKGEELFTGVVPILEVELDGDVNGHKFSVSGEGEGDATYGKLT LKFICTTGKLPVPWPTLVTTLYGVQ
CFSRYPDHMKQHDFFKSAMPEGYVQERTIFFKDDGNYKTRAEVKFEGDTLVNRIELKGI DFKEDGNILGH
KLEYNYN SHNVYIMARCKIPNDLKQKVMNHKAVYNFATCGIDYKDDDDKGLNGPDIYKGVYQFKSVEFDA
AADLSICRRSADKQKNGIKVNFKIRHNI EDGSVQLADHYQQNTPIGDGPVLLPDNHYLSTQSALS KDPNE
KRDHMLLEFVTAAGITLGMDELYK