

pLV-TRE-MashI-IRES2-mKate

Backbone: pLV-TRE_EcoRI_MashI-IRES2-EGFP_BsrGI

Insert: EcoRI_MashI-EYFP-2A-mKate_BsiWI

Parts:

MashI-IRES2 (from pLV-TRE-MashI-IRES2-EGFP):

Tgaaccgctcagatcgccctgagttgaattcggccaattacggccc, gccaccatggagagctctggcaagatggagag
tggagccggccagcagccgcagccccgcagcccttctgcctcccgcagcctgcttctttgcgaccgcgggcg
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mKate (from Ngn1-EYFP-2A-mKate):

atggtgtctaagggcgaagagctgattaaggagaacatgcacatgaagctgtacatggagggcaccgtgaacaacca
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cc

MashI-IRES2 forward primer (MashIRES_fwd_EcoRI_2008-07-22):

Atggatgaattccttacggcccgccaccatggag

MashI-IRES2 reverse primer (MashIRES_rev_mKateOvlp_2008-07-22):

gaaaaacacgatgataatatggccacaggggaacatgggtgtctaagg

mKate forward primer (mKate_fwd_IRESOvlp_2008-07-22):

gccacaggggaacatgggtgtctaaggcggaagagctgattaagg

\\mKate reverse primer (mKate_rev_BsrGI_2008-07-22):

\\cctagcaaaactggggcacaaaacttaattaatgtacaagtaag

***Fixed: mKate reverse primer (mKate_rev_BsiWI_2008-07-23):**

cctagcaaaactggggcacaaaacttaattaacgtacagtaag

Reverse Compliment: cttactcgtacgttaattaagtttgtgccccagtttgctagg

Final Construct:

Atggatgaattccttacggcccgccaccatggagagctctggcaagatggagagtgagccggccagcagccgcagcc
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