

pLV-Hef1a/LacO-MashI-2A-ChAT-Ubc-Hyg

Backbone: pLV-Hef1a/LacO_SfiI_MashI-Cerulean_BstBI_XcmI_Ubc-Hyg

Insert: SfiI_MashI-2A-ChAT_BstBI

Parts:

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

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tga

ChAT (from NCBI):

atggcagcaaaaaactcccagcagtgaggagtctgggctgccaaaactgcccgtgccccgctgcagcagaccctggc
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T2A:

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P2A:

gccaccaacttctctctgctgaagcaggccggcgacgtggaggagaaccaggccca

- MashI forward primer (MashI_fwd_SfiI_2008-07-08)

gcatgg **ggccattacggcc** **gccacc** **atggagagctctggcaagat**

- MashI reverse primer (MashI_rev_2A_2008-07-21)

Gctggactttaccaactggttc **gccaccaacttctctctgctgaagcaggccggcgacgtgg**

Reverse Compliment:

- ChAT forward primer (ChAT_fwd_2A_2008-07-23)

Gcaggccggcgacgtggaggagaaccaggccca **atggcagcaaaaaactcccag**

- ChAT reverse primer (ChAT_rev_stop_BstBI_2008-07-23)

gccagggacaccaacct **tgattcga** **aatcgggaa**

Reverse Compliment: **ttcccgatccaatccccacctgggtaaggttggtgtccctggctgg**

gcatgg **ggccattacggcc** **gccacc** **atggagagctctggcaagat** **ggagagtggagccggccagcagccgcagcccc**
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