

pLV-Hef1a/LacO-Ngn1-Ubc-Hyg

Backbone: pLV-Hef1a/LacO_SfiI_MashI-Cerulean_XcmI_Ubc-Hyg

Insert: SfiI_Ngn1_XcmI

Parts:

Ngn1 (from pLV-TRE-Ngn1-linker-EYFP-2A-mKate):

Gaggcctatataagcagagctcgttttagtgaaccgctcagatcgccctgagttagaattcggccattacggcctgccaccatgctgccccctttggagacctgcatctctgatctcgactgctccagcagcaacagcagcagcagcagcctgtccagcttcctcaccgacgaggaggactgtgccaggctacagcccctagcctccacctcggggctgtccgtgccagccccggaggagcgtccccgccctctccggggcatcgaatgttccgggtgccaggacgaagagcaggaacggcggaggcggcgaggtcgctcgggtgctgctcggaggtctgctgcaactccctcgggaggagtcgtcgcgtcaaagccaacgatcgcgagcgcaaccgcatgcacaacctcaacgctgcgctggacgccttgccgagcgtgctgccctcgttccccgacgacaccaagctcaccaagattgagacgctgcgcttcgcctacaactacatctgggccctggctgagacactgcgcctggcagatcaagggctccccgggggagtgccccgggagcgcctcctgctcgcagtggtgccctgtctgccccgggcccccgagccggccagcgcacactgagtcctgggggttccggggccgctgctccccctgcccactgtggcatcaccactctctgaccccagtagtccccctcggttcagaagacttcacctatggccccgggagatcccccttttctcctttctggtgctgccccagacctgctccacacgacgcccctgtttcatccataaccac

- Ngn1 forward primer (Ngn1_fwd_SfiI_kzk_2008-07-23)

gcaaggggccattacggcctgccacc

- Ngn1 reverse primer (Ngn1_rev_XcmI_stop_2008-07-23)

(fw) gacgcccctgtttcatccataaccactagtcacaggtggggattggaactag

Reverse Compliment: ctagttccaatccccacctggctagtggtatgggatgaaacagggcgtcg

Final Construct:

gcatggggccattacggcctgccaccatgctgccccctttggagacctgcatctctgatctcgactgctccagcagcaacagcagcagcagcagcctgtccagcttcctcaccgacgaggaggactgtgccaggctacagcccctagcctccacctcggggctgtccgtgccagccccggaggagcgtccccgccctctccggggcatcgaatgttccgggtgccaggacgaagagcaggaacggcggaggcggcgaggctcgcgctcgggtgccggctcgtgcaactccctcgggaggagtcgtcgcgtcaaagccaacgatcgcgagcgcgaaccgcatgcacaacctcaacgctgcgctggacgccttgccgagcgtgctgccctcgttccccgacgacaccaagctcaccaagattgagacgctgcgcttcgcctacaactacatctgggccctggctgagacactgcgcctggcagatcaagggctccccgggggagtgccccgggagcgcctcctgctcgcagtggtgccctgtctgccccgggcccccgagccccggccagcgcacactgagtcctgggggttccggggccgctgctccccctgccc

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