

pLV-TRE-Cav3.1-Ubc-Bleo

Backbone: pLV-TRE_EcoRI_IRES2-EGFP_BsrGI

Insert: EcoRI_Cav3.1-Ubc-Bleo_BiWI

Parts:

Cav3.1 (from NCBI):

atggacgaggaggagga tggagcggggcgccgaggagt cgggacagccccggagcttca tgcggctcaacgacctgtc
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Ubc (from pLV-TRE-Sox17-Ubc-Bla):

Gagtgaacctctcagacagccacggagccat tccctccgtgggtccgacgc tagctcagcgggtctactattgcaac
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Bleo (from pIRESBleo3):

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Cav3.1 forward primer (Cav3.1_fwd_EcoRI_kzk_2008-07-24):

Gcatgggaattcgccaccatggacgaggaggatggagcg

Cav3.1 reverse primer (Cav3.1_rev_SfiI_2008-07-28):

Gaccagcagacctggacccc tgaattggcgcctcggccttc

Reverse Compliment: GGCCGAGGCGGCTCAGGGTCCAGGTCTGCTGGGTC

Ubc forward primer (Ubc_fwd_Cav3.1Ovlp_SfiI_2008-07-28):

Cctgattggccgcctcggccttctctccgtggtgtccgacgctagc

Ubc reverse primer (Ubc_rev_kzk_BleoOvlp_2008-07-28):

ccgtttttGgcttttttgttagacgaaggc

Reverse Compliment: CACTGGTCAACTTGGCCATGGTGGCCTTCGTCTAACAAAAAGCC

Bleo forward primer (Bleo_fwd_UbcOvlp_2008-07-28):

gcttttttgttagacgaaggccaccatggccaagttgaccagtgccgttc

Bleo reverse primer (Bleo_rev_BsiWI_2008-07-28):

ggtccgaggcatcgtcgactctacgtacgatccataag

Reverse Compliment: GCATGGGAATTCTCAGTCCTGCTCCTCGG

Final Construct:

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