

**pBMN FKBP(L106P)-PpLuc IRES Blastocidin**

**This plasmid contains the ampicillin resistance gene.**

**FKBP-L106P is located between BamHI and EcoRI, with a Kozak sequence at the N-terminus. Firefly Luciferase is located between EcoRI and XhoI.**

aatgaaagaccccacctgtaggtttggcaagctagcttaagtaacgccatthtgcaggcatggaaaaatacataactgagaata  
gaaaagtgcagatcaaggtcaggaacagatggaacagctgaatatggccaaagcggatctgtgtaagcagttcctgcccc  
ggctcagggccaagaacagatggaacagctgaatatggccaaacaggatctgtgtaagcagttcctgccccggctcagg  
gccaagaacagatggtccccagatgcggtccagccctcagcagttctagagaaccatcagatgtttccaggggccccaaagg  
acctgaaatgacctgtgccttattgaaactaaccaatcagttcgtctcgttctgttcgcgcgttctgctccccgagctcaataa  
aagagcccacaacccctcactcggggcgccagtcctccgattgactgagtcgcccgggtaccctgtatccaataaacctctt  
gcagttgcatccgacttgtggtctcgtgttcttgggaggggtcctctgagtgattgactaccctcagcgggggtcttctattg  
ggggctcgtccgggatcgggagaccctgcccaggaccaccaccaccgggaggttaagctggccagcaacttct  
gtgtctgctcgattgtctagtgtctatgactgattttatgcgcctgcgtcggtagctagttagtaactagctctgtatctggcggacc  
gtggtggaactgacgagttcggaaacaccggccgcaaccctgggagacgtccagggtactcgggggcccgtttttgtggccc  
gacctgagtcaaaaatcccgatcgtttggactctttgtgaccccccttagaggaggatgtgttctggttaggagacgag  
aacctaaaacagttcccgcctcgtctgaatthtgccttcggttgggaccgaagccgcgcgcgtctgtctgctgcagcattc  
gttctgtgtgtctctgctgactgtgttctgtattgtctgaaaatatggggccggcagactgttaccactcccctaagttgacct  
taggtcactggaaagatgtcagcggatcgtcacaaccagtcggtagatgtcaagaagagacgttgggttacctctgctctgc  
agaatggccaaccttaacgtcggatggccgcgagacggcacccttaaccgagacctatcaccagggttaagatcaaggcttt  
tcacctggcccgeatggacaccagaccaggtcccctacatcgtgacctgggaagccttggctttgacccccctcctgggtc  
aagcctttgtacacctaaagcctcgcctctcttctccatccgcccgtctctccccctgaaacctctcgttcgacccccgctc  
gatcctccccttaccagccctcactcctctctagggccccatagggccatagagatcttataggggacccccgcccctgt  
aaactcctgacctgacatgacaagagtactaacagcccctctccaagctcacttacaggctctacttagtccagcacga  
agtctggagacctctggcggcacgtaccaagaacaactggaccgaccgggtgactcaccctaccgagtcggcgacacagt  
gtgggtcccgacaccagactaagaacctagaacctcgtgaaaggaccttacacagtcctgctgaccacccccaccgccc  
ctcaaagtagacggcatcgcagcttgatacacgcccccacgtgaaggctgcccgacccccgggggtggaccatccttagac  
tggccgatccgccaccatgggagtgaggtgaaaccatctcccaggagacgggcgaccttccccaaagcgcggccagac  
ctgtgtggtgcactacaccgggatgctgaagatggaaagaaagtcgattcctccgggacagaacaagcccttaagttatg  
ctaggcaagcaggaggtgatccgaggtgggaagagggttcccagatgagtggtgagagacccaactgactat  
ctccagattatgctatggtgccactgggaccccagcatcaccaccatgccactctcgtctcgtatgtggagcttctaaaa  
ccggaagaattcatggaagacgcaaaaacataaagaaaggccggcgccattctatccgctggaagatggaaccgctggag  
agcaactgcataaggctatgaagagatacgcctggtcctggaacaattgctttacagatgcacatcagaggtggacatcact  
tacgctgagttcgaatgtccgttcggttgcagaagctatgaaacgatatgggctgaatacaaatcacagaatcgtcgtatg  
cagtgaaaactcttcaattcttatccgggtgttgggcgcgtatttatcggagttgcagttgcgcccgcgaacgacattataatg  
aacgtgaattgctcaacagatgggcatctcgcagcctaccgtggttctgttccaaaagggttgcaaaaaatttgaacgtgc  
aaaaaaagctccaatcatcaaaaaattattatcatggattctaaaacggattaccagggttccagtcgatgtacacgttcgtcac  
atctcatctacctcccgttttaataacgattttgtccagagtcctcgtatagggacaagacaattgactgataatgaaactct  
ctggatctactggtctgctaaaggtgctcgtctgctcctatagaactgctcgtgagattctcgcagatccagagatcctattttgg  
caatcaaatcattccgatactgcgattttaagttgttccattccatcacggttttgaatgtttactacactcggatattgatgtg  
gatttcgagtcgtctaatgtatagattgaagaagagctgttctgaggagccttcaggattacaagattcaaaagtgcgctgctgtg  
gccaacctattctcttctcgccaaaaagcactctgattgacaaatacatttatctaatctacgaaattgcttctgtggtgcgtc  
ccctcttaaggaagtcggggaagcgggtgccaagaggtccatctgcccaggtatcaggcaaggatagggctcactgagacta  
catcagctattctgattacaccgagggggatgataaaccggcgcggtcgtgaaagtgttccatttttgaagcgaaggtgtg  
gatctggataccgggaaaacgctgggcgttaatacaagagggcgaactgtgtgtgagaggtcctatgattatgctccggttatgtaa  
acaatccggaagcgaccaacgcttgattgacaagatggatggctacattctggagacatagcttactgggacgaagacgaa  
cacttctcactggtgaccgctgaagtctctgattaagtacaaggctatcaggtggctcccgtgaattggaatccatcttctcc  
aacacccaacatcttcgacgcaggtgctgcaggtcttcccagatgacgcccgtgaactcccggcggctgtgttttggga  
gcacggaaaagcagatgacggaaaagagatcgtggattacgtcggcagtaagtaacaaccgcgaaaaagtgcgaggagg  
agttgtgttgggacgaagtaccgaaaggtcttaccgaaaactcagcgaagaaaaatcagagatctcataaaggccaa  
gaaggcggaagtcgaatgtaactcagggcggcgcgccgcggcctacgtaaatccgcccctctccctcccccc  
ccctaactgactggccgaagccgttgaataagccgggtgtgcgtttgtctatgttatttccaccatattgcccgttttggca

atgtgagggcccgaaacctggccctgtcttctgacgagcattcctaggggtctttccctctcgccaaaggaatcaaggtct  
gttgaatgtcgtgaaggaagcagttcctctggaagcttctgaagacaacaacgtctgtagcgacccttgcaggcagcggaac  
ccccacctggcgacaggtgcctctcgggccaaaagccagctgtataagataacctgcaaaggcggcacaacccagtgcc  
acgttgtgagttggatagttgtgaaagagtcaaattggctctcctcaagcgtattcaacaaggggctgaaggatgccagaaggt  
acccattgtatgggatctgatctggggcctcgggtgcacatgctttacatgtgttagtcgaggttaaaaaacgtctagccccccg  
aaccacggggacgtggtttcctttgaaaaacacgatgataaatggccacaacctgggaaaaacatttaacatttctcaacagg  
atctagaattagtagaagtagcgacagagaagattacaatgctttatgaggataataaacatcatgtgggagcggcaattcgtacg  
aaaacaggagaatcatttcggcagtacatattgaagcgtatataggacgagtaactgtttgtgcagaagccattgcgattggtag  
tgcagttcgaatggacaaaaggattttgacacgattgtagctgtagacacccttattctgacgaagtagatagaagtattcagtg  
gtaagtcttgtggtatgtgtagggagttgattcagactatgaccagattgtttgtgtaataagaaatgaatggcaagttagtaa  
aactacgattgaagaactcattccactcaaatataccgaaattaagtcgacgataaaaataaaagattttattagtctccagaaaa  
ggggggaatgaaagaccacacctgtaggtttggcaagctagcttaagtaacgccattttgcaaggcatggaanaatacataact  
gagaatagagaagttcagatcaaggtcaggaacagatggaacagctgaatatgggccaacaggatctgtgtaagcagtt  
cctgccccggctcagggccaagaacagatggaacagctgaatatgggccaacaggatctgtgtaagcagttcctgcccc  
ggctcagggccaagaacagatggtccccagatgcggtccagccctcagcagttctagagaacctcagatgtttccaggggtgc  
cccaaggacctgaaatgacctgtgccttattgaaactaaccaatcagttcgtctctgcttctgctcgcgcttctgctccccgag  
ctcaataaaagagcccacaacccctcactcggggcggcagtcctccgattgactgagtcgcccgggtaccctgtatccaataa  
acctcttgcagttgcatccgactgtgtctcgtctgttccctgggaggggtcctctctgagtgattgactaccctcagcgggggtc  
ttcattcatatgcagcatgtatcaaaattaattgtgtttttcttaagtattacattaatggccatagttgcattaatgaatcgcca  
acgctcgggggagagcgggtttgcgtattggcgtcttccgcttctcgtcactgactcgtcgcgctcggctcgtcggctcggc  
gagcgggtatcagctcactcaaaaggcggtaaacggttatecacagaatcaggggataacgcaggaaagaacatgtgagcaaaa  
ggccagcaaaaggccaggaaaccgtaaaaaggcgcgttgcggcgttttccataggtccgccccctgacgagcatcaciaa  
aatcgcagctcaagtcagaggtggcgaacccgacaggactataaagataaccaggcgtttccccctggaagctcctcgtgc  
gctctcgttccgacctgcgcttaccggatacctgtccgctttctccctcgggaagcgtggcgttttctcatagctcacgct  
gtaggatctcagttcgggtgtaggtcgtcgtccaagctgggtgtgtgcacgaacccccgttcagcccaccgctgcgctt  
atccggtaactatcgtttgagccaacccggtaagacacgacttaccgactggcagcagccactgtaacaggattagcag  
agcggaggtatgtagcgggtctacagagttcttgaagtgtggcctaactacggctacactagaaggacagattttggtatctgc  
gctctgctgaagccagttaccttcgaaaaagagttggtagctcttgatccggcaacaaccaccgctggtagcgggtgttttt  
gtttgcaagcagcagattacgcgcagaaaaaaggatctcaagaagatcctttgatctttctacgggggtctgacgctcagtgga  
cgaaaactcacgttaagggtttgtcatgagattatcaaaaaggatctcactagatccttttaataaaaatgaagtttgcgca  
aatcaatcaaaagtataatagtaaaacttggtctgacagttaccaatgcttaacagtgaggcactatctcagcagatctctatctt  
gttcatccatagttgctgactccccgtcgtgtagataactacgatacgggaggggttaccatctggccccagtgctgcaatgata  
ccgcgagaccacgctcaccggctccagatttatcagcaataaacagccagccggaaggccgagcgcagaagtgtcct  
gcaactttatccgctccatccagcttattaattgttccgggaagctagagtaagtagttcggcagtaataagtttgcgcaacgtt  
tgccattgctacaggcatcgtggtgcacgctcgtcgtttggtatggcttcaatcagctccggttcccaacgatcaaggcgagttac  
atgatccccatgttgcgaaaaagcggttagctcctcggctcctccgacgttgcagaagtaagttggccgagtgattact  
catggttatggcagcactgcataattcttactgtcatgccatccgtaagatgcttttctgtgactggtgagtactcaaccaagtcatt  
ctgagaatagtgatcggcgaccgagttgctcttccccggcgtcaacacgggataataaccgcccacatagcagaactttaa  
agtgtcatcattggaacgttcttccggggcgaaaactctcaaggatcttaccgctgttgagatccagttcgatgtaaccactcg  
tgcaccaactgatcttcagcatctttactttaccagcgttctgggtgagcaaaaacaggaaggcaaaatgccgcaaaaag  
ggaataaggcgcacacggaaatgtgaatactcactcttcttttcaatattattgaagcatttatcagggttattgtctcatgaca  
ttaacctataaaaataggcgtatcacgaggcccttctgtcttcaagaacagctttgctcttaggagtttctaatacatccaaactca  
aatataaaagcatttgactgttctatgccctagggggcggggggaagctaagccagcttttttaacatttaaaatgtaattccatt  
ttaaagtcacagatgttttattcataagggttcaatgtgcatgaatgctgcaatattcctgttaccaaagctagtataaataaaaata  
gataaacgtggaataacttagagtttctgtcattaacgtttccttctcagttgacaacataaatgcgctgctgagaagccagttgc  
atctgtcaggatcaattccattatgccagtcataattaactagtcattagttgattttttttgacatacatg