

pJG4-5 (pB42AD)

载体基本信息

出品公司: Invitrogen

载体名称: pJG4-5, pB42AD

质粒类型: 酵母质粒

高拷贝/低拷贝: 高拷贝

克隆方法: 多克隆位点, 限制性内切酶

复制子: pUC

启动子: ADH1

载体大小: 6449 bp

5' 测序引物及序列: pB42ADF: CCAGCCTCTTGCTGAGTGGAGATG

3' 测序引物及序列: pB42ADR: AAGCCGACAACCTTGATTGGAG

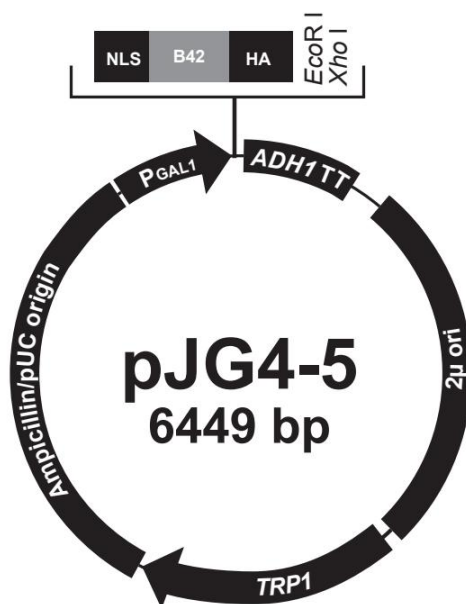
载体抗性: 氨苄青霉素

筛选标记: Trp

克隆菌株: DH5α

宿主细胞 (系): 酵母细胞

载体质粒图谱和多克隆位点信息



Comments for pJG4-5 6449 nucleotides

GAL1 promoter: bases 408-522
Initiation ATG: bases 534-536
Nuclear localization signal (NLS): bases 543-569
B42 activation domain: bases 573-810
Hemagglutinin epitope: bases 816-842
pJG4-5 Forward priming site: bases 807-832
Multiple cloning site: bases 849-866

pJG4-5 Reverse priming site: bases 883-906
ADH1 transcription termination region: bases 1039-1196
2μ origin: bases 2178-2875
TRP1 gene: bases 3416-4090
Ampicillin resistance gene: bases 4400-5260
pUC origin: bases 5405-6078

使用说明:

1. 建议收到质粒后请先转化感受态 (克隆菌株), 再挑选单菌落重新提取后使用。
2. 转化前请准确查找该质粒对应的抗生素、抗生素浓度、感受态 (克隆菌株) 和培养温度。
3. 如有必要请测序后使用。

载体序列:

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1 cccattatc ttagcctaaa aaaaccttct ctttgaact tttagtaata cgcttaactg
61 ctcatgtcta tattgaagta cggattagaa gccgccgagc ggggtgacagc cctccgaagg
121 aagactctcc tccgtgcgtc ctctcttca ccggtcgcgt tctgaaacg cagatgtgcc
181 tcgcgccgca ctgctccgaa caataaagat tctacaatac tagctttat gggtatgaag
241 aggaaaaatt ggcagtaacc tggccccaca aaccttcaaa tgaacgaatc aaattaacaa
301 ccataggatg ataatgcgat tagtttttta gccttattc tggggtaatt aatcagcgaa
361 gcgatgattt ttgatctatt aacagatata taaatgcaaa aactgcataa ccactttaac
421 taatacttcc aacatttccg gtttgattta ctcttattc aaatgtaata aaagtatcaa
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601 ccatcattga gcagtttacc gactacctgc gcaccggaca ggagatgccg atggaaatgg
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