

# pMal-c2X

## 载体基本信息

出品公司:

载体名称: pMal-c2X

质粒类型: 空载体

载体用途: 蛋白表达

复制子:

启动子: Tac

载体大小: 6646bp

5' 测序引物及序列: MalE primer: GGTCGTCAGACTGTTCGATGAAGCC

3' 测序引物及序列: M13F: TGTA AACGACGGCCAGT

载体抗性: Amp

筛选标记:

荧光标记:

克隆菌株: DH5 $\alpha$  等

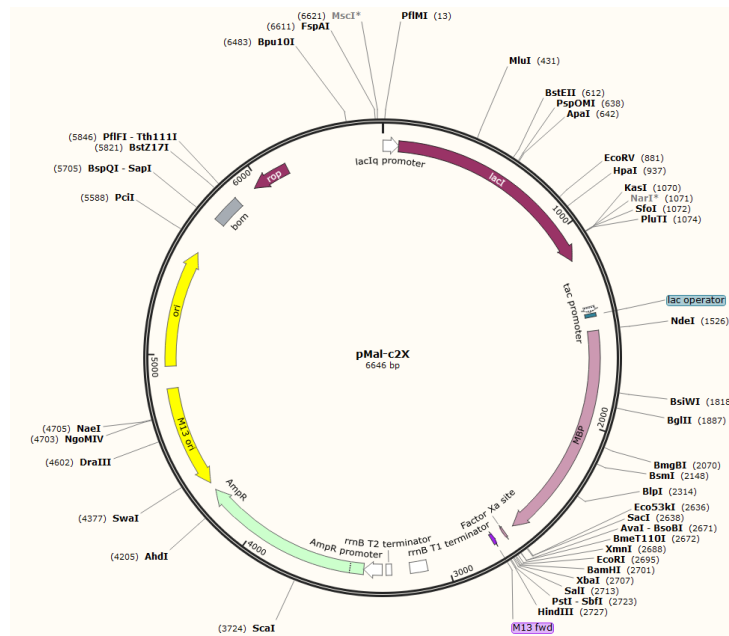
宿主细胞 (系): 大肠杆菌

诱导方式: IPTG

## 使用说明

1. 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) 和培养基温度。
3. 如有必要请测序后使用。

## 载体质粒图谱和多克隆位点信息



## 载体序列:

CCGACACCATCGAATGGTGCAAAACCTTTCGCGGTATGGCATGATAGCGCCCGGAAGA  
GAGTCAATTCAGGGTGGTGAATGTGAAACCAGTAACGTTATACGATGTCGCAGAGTAT

GCCGGTGTCTTATCAGACCGTTTCCCGCGTGGTGAACCAGGCCAGCCACGTTTCTG  
CGAAAACGCGGGAAAAAGTGGAAGCGGCGATGGCGGAGCTGAATTACATTCCCAACC  
CGGTGGCACAACAACACTGGCGGGCAAACAGTCGTTGCTGATTGGCGTTGCCACCTCCA  
GTCTGGCCCTGCACGCGCCGTCGCAAATTGTCGCGGGCGATTAATCTCGCGCCGATCA  
ACTGGGTGCCAGCGTGGTGGTGTTCGATGGTAGAACGAAGCGGCGTCGAAGCCTGTAA  
AGCGGCGGTGCACAATCTTCTCGCGCAACGCGTCAGTGGGCTGATCATTAACCTATCCG  
CTGGATGACCAGGATGCCATTGCTGTGGAAGCTGCCTGCACTAATGTTCCGGCGTTATT  
TCTTGATGTCTCTGACCAGACCCATCAACAGTATTATTTTCTCCCATGAAGACGGTA  
CGCGACTGGGCGTGGAGCATCTGGTCGCATTGGGTACCAGCAAATCGCGCTGTTAGC  
GGGCCCATTAAGTTCTGTCTCGGCGCGTCTGCGTCTGGCTGGCTGGCATAAATATCTCA  
CTCGCAATCAAATTCAGCCGATAGCGGAACGGGAAGGCGACTGGAGTGCCATGTCCGG  
TTTTCAACAAACCATGCAAATGCTGAATGAGGGCATCGTTCCCACTGCGATGCTGGTTG  
CCAACGATCAGATGGCGCTGGGCGCAATGCGCGCCATTACCGAGTCCGGGCTGCGCGT  
TGGTGCAGATATCTCGGTAGTGGGATACGACGATACCGAAGACAGCTCATGTTATATCC  
CGCCGTTAACCACCATCAAACAGGATTTTCGCTGCTGGGGCAAACCAGCGTGGACCG  
CTTGCTGCAACTCTCTCAGGGCCAGGCGGTGAAGGGCAATCAGCTGTTGCCCGTCTCA  
CTGGTGAAAAGAAAAACCACCCTGGCGCCAATACGCAAACCGCCTCTCCCCGCGCG  
TTGGCCGATTCATTAATGCAGCTGGCACGACAGGTTTCCCGACTGGAAAGCGGGCAGT  
GAGCGCAACGCAATTAATGTAAGTTAGCTCACTCATTAGGCACAATTCTCATGTTTGAC  
AGTTATCATCGACTGCACGGTGCACCAATGCTTCTGGCGTCAGGCAGCCATCGGAAG  
CTGTGGTATGGCTGTGCAGGTCGTAAATCACTGCATAATTCGTGTCGCTCAAGGCGCAC  
TCCCGTTCTGGATAATGTTTTTTCGCGCCGACATCATAACGGTTCTGGCAAATATTCTGAA  
ATGAGCTGTTGACAATTAATCATCGGCTCGTATAATGTGTGGAATTGTGAGCGGATAAC  
AATTTACACAGGAAACAGCCAGTCCGTTTAGGTGTTTTACAGGACTTCACCAACA  
AGGACCATAGCATATGAAAATCGAAGAAGGTAAACTGGTAATCTGGATTAACGGCGAT  
AAAGGCTATAACGGTCTCGCTGAAGTCGGTAAGAAATTCGAGAAAGATACCGGAATTA  
AAGTCACCGTTGAGCATCCGGATAA ACTGGAAGAGAAATTCCCACAGGTTGCGGCAA  
CTGGCGATGGCCCTGACATTATCTTCTGGGCACACGACCGCTTTGGTGGCTACGCTCAA  
TCTGGCCTGTTGGCTGAAATCACCCCGACAAAGCGTTCCAGGACAAGCTGTATCCGT  
TTACCTGGGATGCCGTACGTTACAACGGCAAGCTGATTGCTTACCCGATCGCTGTTGAA  
GCGTTATCGCTGATTTATAACAAAGATCTGCTGCCGAACCCGCCAAAAACCTGGGAAG  
AGATCCCGGCGCTGGATAAAGAACTGAAAGCGAAAGGTAAGAGCGCGCTGATGTTCA  
ACCTGCAAGAACCGTACTTCACCTGGCCGCTGATTGCTGCTGACGGGGTTATGCGTT  
CAAGTATGAAAACGGCAAGTACGACATTAAGACGTGGGCGTGGATAACGCTGGCGC  
GAAAGCGGGTCTGACCTTCCTGGTTGACCTGATTAAAAACAAACACATGAATGCAGAC  
ACCGATTACTCCATCGCAGAAGCTGCCTTTAATAAAGGCGAAACAGCGATGACCATCA  
ACGGCCCGTGGGCATGGTCCAACATCGACACCAGCAAAGTGAATTATGGTGTAAACGGT  
ACTGCCGACCTTCAAGGGTCAACCATCCAAACCGTTTCGTTGGCGTGCTGAGCGCAGGT  
ATTAACGCCGCCAGTCCGAACAAAGAGCTGGCAAAGAGTTCTCGAAAACCTATCTGC  
TGAATGATGAAGGTCTGGAAGCGGTTAATAAAGACAAACCGCTGGGTGCCGTAGCGCT  
GAAGTCTTACGAGGAAGAGTTGGCGAAAGATCCACGTATTGCCGCCACTATGGAAAAC  
GCCAGAAAGGTGAAATCATGCCGAACATCCCGCAGATGTCCGCTTTCTGGTATGCCG  
TGCGTACTGCGGTGATCAACGCCGCCAGCGGTCGTGACTGTCGATGAAGCCCTGAA  
AGACGCGCAGACTAATTCGAGCTCGAACAACAACAATAACAATAACAACAACCT

CGGGATCGAGGGAAGGATTTTCAGAATTCGGATCCTCTAGAGTCGACCTGCAGGCAAGC  
TTGGCACTGGCCGTCGTTTTACAACGTCGTGACTGGGAAAACCCTGGCGTTACCCAAC  
TTAATCGCCTTGCAGCACATCCCCCTTTCGCCAGCTGGCGTAATAGCGAAGAGGCCCGC  
ACCGATCGCCCTTCCCAACAGTTGCGCAGCCTGAATGGCGAATGGCAGCTTGGCTGTT  
TTGGCGGATGAGATAAGATTTTCAGCCTGATACAGATTAAATCAGAACGCAGAAGCGG  
TCTGATAAAACAGAATTTGCCTGGCGGCAGTAGCGCGGTGGTCCCACCTGACCCCATG  
CCGAACCTCAGAAGTGAAACGCCGTAGCGCCGATGGTAGTGTGGGGTCTCCCCATGCGA  
GAGTAGGGAACCTGCCAGGCATCAAATAAAACGAAAGGCTCAGTCGAAAGACTGGGGC  
TTTCGTTTTATCTGTTGTTTGTCTGGTGAACGCTCTCCTGAGTAGGACAAATCCGCCGGG  
AGCGGATTTGAACGTTGCGAAGCAACGGCCCCGGAGGGTGGCGGGCAGGACGCCCGCC  
ATAAACTGCCAGGCATCAAATTAAGCAGAAGGCCATCCTGACGGATGGCCTTTTTGCG  
TTTCTACAAACTCTTTTTGTTTATTTTTCTAAATACATTCAAATATGTATCCGCTCATGAG  
ACAATAACCCTGATAAATGCTTCAATAATATTGAAAAAGGAAGAGTATGAGTATTAAC  
ATTTCCGTGTCGCCCTTATTCCTTTTTTGCGGCATTTCCTTCCCTGTTTTTGTCCACC  
AGAAACGCTGGTGAAAGTAAAAGATGCTGAAGATCAGTTGGGTGCACGAGTGGGTTA  
CATCGAACTGGATCTCAACAGCGGTAAGATCCTTGAGAGTTTTTCGCCCCGAAGAACGT  
TCTCCAATGATGAGCACTTTTAAAGTTCTGCTATGTGGCGCGGTATTATCCCGTGTGAC  
GCCGGGCAAGAGCAACTCGGTGCGCCGATACACTATTCTCAGAATGACTTGGTTGAGT  
ACTCACCAGTCACAGAAAAGCATCTTACGGATGGCATGACAGTAAGAGAATTATGCAG  
TGCTGCCATAACCATGAGTGATAACACTGCGGCCAACTTACTTCTGACAACGATCGGA  
GGACCGAAGGAGCTAACCGCTTTTTTGCACAACATGGGGGATCATGTAACCTCGCCTTG  
ATCGTTGGGAACCGGAGCTGAATGAAGCCATACCAAACGACGAGCGTGACACCACGA  
TGCCTGTAGCAATGGCAACAACGTTGCGCAAACTATTAACCTGGCGAACTACTTACTCTA  
GCTTCCCGGCAACAATTAATAGACTGGATGGAGGCGGATAAAGTTGCAGGACCACTTC  
TGCCTCGGCCCTTCCGGCTGGCTGGTTTATTGCTGATAAATCTGGAGCCGGTGAGCGT  
GGGTCTCGCGGTATCATTGCAGCACTGGGGCCAGATGGTAAGCCCTCCCGTATCGTAGT  
TATCTACACGACGGGGAGTCAGGCAACTATGGATGAACGAAATAGACAGATCGCTGAG  
ATAGGTGCCTCACTGATTAAGCATTGGTAACTGTCAGACCAAGTTTACTCATATATACTT  
TAGATTGATTTACCCCGTTGATAATCAGAAAAGCCCCAAAAACAGGAAGATTGTATAA  
GCAAATATTTAAATTGTAAACGTTAATATTTTGTAAAATTCGCGTTAAATTTTTGTAAA  
TCAGCTCATTTTTTAACCAATAGGCCGAAATCGGCAAAATCCCTTATAAATCAAAGAA  
TAGACCGAGATAGGGTTGAGTGTGTTCCAGTTTGAACAAGAGTCCACTATTAAGA  
ACGTGGACTCCAACGTCAAAGGGCGAAAAACCGTCTATCAGGGCGATGGCCCACTAC  
GTGAACCATCACCCAAATCAAGTTTTTTGGGGTCGAGGTGCCGTAAAGCACTAAATCG  
GAACCTAAAGGGAGCCCCGATTTAGAGCTTGACGGGGAAAGCCGGCGAACGTGGC  
GAGAAAGGAAGGGAAGAAAGCGAAAGGAGCGGGCGCTAGGGCGCTGGCAAGTGTAG  
CGGTCACGCTGCGCGTAACCACCACACCCGCCGCGCTTAATGCGCCGCTACAGGGCGC  
GTAAGAGGATCTAGGTGAAGATCCTTTTTGATAATCTCATGACCAAATCCCTTAACGT  
GAGTTTTCGTTCCACTGAGCGTCAGACCCCGTAGAAAAGATCAAAGGATCTTCTTGAG  
ATCCTTTTTTTCTGCGCGTAATCTGCTGCTTGCAAACAAAAAACCACCGCTACCAGCG  
GTGGTTTTGTTTCCGGATCAAGAGCTACCAACTCTTTTTCCGAAGGTAACCTGGCTTACG  
CAGAGCGCAGATACCAAATACTGTCCTTCTAGTGTAGCCGTAGTTAGGCCACCACTTCA  
AGAACTCTGTAGCACCGCCTACATACCTCGCTCTGCTAATCCTGTTACCAGTGGCTGCT  
GCCAGTGGCGATAAGTCGTGTCTTACCGGGTTGGACTCAAGACGATAGTTACCGGATA

AGGCGCAGCGGTTCGGGCTGAACGGGGGGTTCGTGCACACAGCCCAGCTTGGAGCGA  
ACGACCTACACCGAACTGAGATACCTACAGCGTGAGCTATGAGAAAGCGCCACGCTTC  
CCGAAGGGAGAAAGGCGGACAGGTATCCGGTAAGCGGCAGGGTTCGGAACAGGAGAG  
CGCACGAGGGAGCTTCCAGGGGGAAACGCCTGGTATCTTTATAGTCCTGTCGGGTTTC  
GCCACCTCTGACTTGAGCGTCGATTTTTGTGATGCTCGTCAGGGGGGCGGAGCCTATG  
GAAAAACGCCAGCAACGCGGCCTTTTTACGGTTCCTGGCCTTTTGCTGGCCTTTTGCTC  
ACATGTTCTTTCCTGCGTTATCCCCTGATTCTGTGGATAACCGTATTACCGCCTTTGAGT  
GAGCTGATACCGCTCGCCGCAGCCGAACGACCGAGCGCAGCGAGTCAGTGAGCGAGG  
AAGCGGAAGAGCGCCTGATGCGGTATTTTCTCCTTACGCATCTGTGCGGTATTTACAC  
CGCATATATGGTGCACCTCTCAGTACAATCTGCTCTGATGCCGCATAGTTAAGCCAGTATA  
CACTCCGCTATCGCTACGTGACTGGGTTCATGGCTGCGCCCCGACACCCGCCAACACCC  
GCTGACGCGCCCTGACGGGCTTGTCTGCTCCCGGCATCCGCTTACAGACAAGCTGTGA  
CCGTCTCCGGGAGCTGCATGTGTCAGAGGTTTTACCGTCATACCGAAACGCGCGAG  
GCAGCTGCGGTAAAGCTCATCAGCGTGGTCGTGCAGCGATTACAGATGTCTGCCTGT  
TCATCCGCGTCCAGCTCGTTGAGTTTCTCCAGAAGCGTTAATGTCTGGCTTCTGATAAA  
GCGGGCCATGTTAAGGGCGGTTTTTTCCTGTTTGGTCACTGATGCCTCCGTGTAAGGGG  
GATTTCTGTTTCATGGGGGTAATGATACCGATGAAACGAGAGAGGATGCTCACGATACGG  
GTTACTGATGATGAACATGCCCGGTTACTGGAACGTTGTGAGGGTAAACAACCTGGCGG  
TATGGATGCGGCGGGACCAGAGAAAAATCACTCAGGGTCAATGCCAGCGCTTCGTTAA  
TACAGATGTAGGTGTTCCACAGGGTAGCCAGCAGCATCCTGCGATGCAGATCCGGAAC  
ATAATGGTGCAGGGCGCTGACTTCCGCGTTTCCAGACTTTACGAAACACGGAAACCGA  
AGACCATTCATGTTGTTGCTCAGGTCGCAGACGTTTTGCAGCAGCAGTCGCTTCACGT  
TCGCTCGCGTATCGGTGATTCATTCTGCTAACCAGTAAGGCAACCCCGCCAGCCTAGCC  
GGTCTCAACGACAGGAGCACGATCATGCGCACCCGTGGCCAGGACCCAACGCTGC  
CCGAAATT