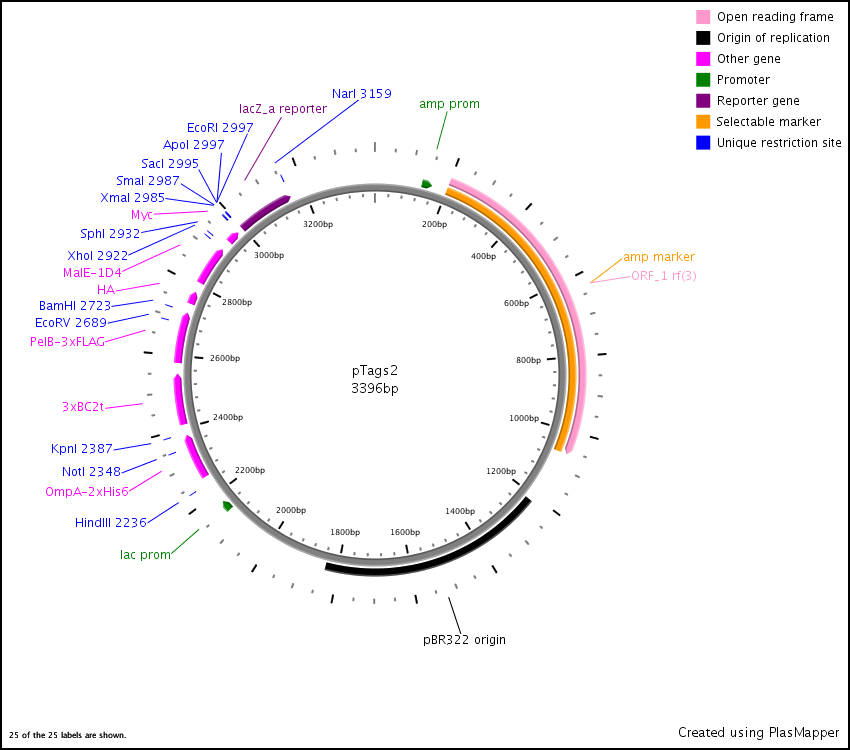
**pTags2**

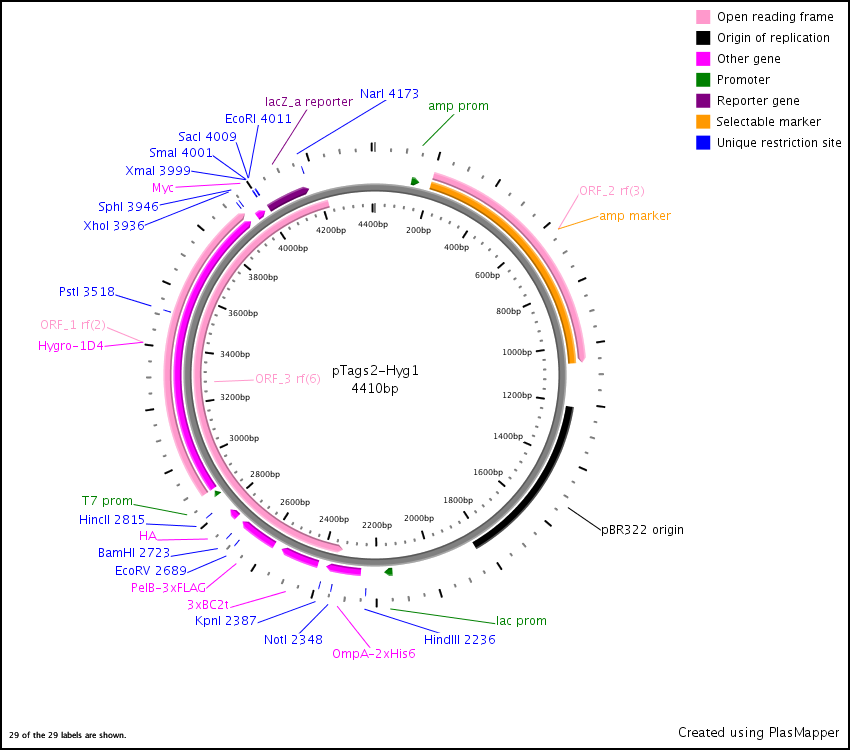
High copy number vector for expression of one to six epitope tagged polypeptides from Lac promoter. Expression is leaky but can be further increased with the addition of IPTG. Each epitope is preceded by its own Shine-Dalgarno sequence and start ATG codon. Three also have signal peptides; OmpA, PelB, and MalE. Recommended cloning method is by fragment assembly.



>pTags2 full plasmid sequence  
gacgaaagggcctcgtgatacgcctatttttataggttaatgtcatgataataatggtttcttagacgtcaggtggcacttttcggggaaatgtgcgcggaacccctatttgtttatttttctaaatacattcaaatatgtatccgctcatgagacaataaccctgataaatgcttcaataatattgaaaaaggaagagtATGAGTATTCAACATTTCCGTGTCGCCCTTATTCCCTTTTTTGCGGCATTTTGCCTTCCTGTTTTTGCTCACCCAGAAACGCTGGTGAAAGTAAAAGATGCTGAAGATCAGTTGGGTGCACGAGTGGGTTACATCGAACTGGATCTCAACAGCGGTAAGATCCTTGAGAGTTTTCGCCCCGAAGAACGTTTTCCAATGATGAGCACTTTTAAAGTTCTGCTATGTGGCGCGGTATTATCCCGTATTGACGCCGGGCAAGAGCAACTCGGTCGCCGCATACACTATTCTCAGAATGACTTGGTTGAGTACTCACCAGTCACAGAAAAGCATCTTACGGATGGCATGACAGTAAGAGAATTATGCAGTGCTGCCATAACCATGAGTGATAACACTGCGGCCAACTTACTTCTGACAACGATCGGAGGACCGAAGGAGCTAACCGCTTTTTTGCACAACATGGGGGATCATGTAACTCGCCTTGATCGTTGGGAACCGGAGCTGAATGAAGCCATACCAAACGACGAGCGTGACACCACGATGCCTGTAGCAATGGCAACAACGTTGCGCAAACTATTAACTGGCGAACTACTTACTCTAGCTTCCCGGCAACAATTAATAGACTGGATGGAGGCGGATAAAGTTGCAGGACCACTTCTGCGCTCGGCCCTTCCGGCTGGCTGGTTTATTGCTGATAAATCTGGAGCCGGTGAGCGTGGGTCTCGCGGTATCATTGCAGCACTGGGGCCAGATGGTAAGCCCTCCCGTATCGTAGTTATCTACACGACGGGGAGTCAGGCAACTATGGATGAACGAAATAGACAGATCGCTGAGATAGGTGCCTCACTGATTAAGCATTGGTAActgtcagaccaagtttactcatatatactttagattgatttaaaacttcatttttaatttaaaaggatctaggtgaagatcctttttgataatctcatgaccaaaatcccttaacgtgagttttcgttccactgagcgtcagaccccgtagaaaagatcaaaggatcttcttgagatcctttttttctgcgcgtaatctgctgcttgcaaacaaaaaaaccaccgctaccagcggtggtttgtttgccggatcaagagctaccaactctttttccgaaggtaactggcttcagcagagcgcagataccaaatactgttcttctagtgtagccgtagttaggccaccacttcaagaactctgtagcaccgcctacatacctcgctctgctaatcctgttaccagtggctgctgccagtggcgataagtcgtgtcttaccgggttggactcaagacgatagttaccggataaggcgcagcggtcgggctgaacggggggttcgtgcacacagcccagcttggagcgaacgacctacaccgaactgagatacctacagcgtgagctatgagaaagcgccacgcttcccgaagggagaaaggcggacaggtatccggtaagcggcagggtcggaacaggagagcgcacgagggagcttccagggggaaacgcctggtatctttatagtcctgtcgggtttcgccacctctgacttgagcgtcgatttttgtgatgctcgtcaggggggcggagcctatggaaaaacgccagcaacgcggcctttttacggttcctggccttttgctggccttttgctcacatgttctttcctgcgttatcccctgattctgtggataaccgtattaccgcctttgagtgagctgataccgctcgccgcagccgaacgaccgagcgcagcgagtcagtgagcgaggaagcggaagagcgcccaatacgcaaaccgcctctccccgcgcgttggccgattcattaatgcagctggcacgacaggtttcccgactggaaagcgggcagtgagcgcaacgcaattaatgtgagttagctcactcattaggcaccccaggcTTTACActttatgcttccggctcgTATGTTgtgtggaattgtgagcggataacaatttcacacaggaaacagctATGACCATGATTACGCCAAGCTTcaggaggtactcacgATGAAAAAAACGGCAATTGCCATCGCAGTGGCTCTGGCAGGCTTTGCGACGGTAGCCCAGGCTCATCACCATCACCATCACAGCAGCGGCGCGGCCGCACTGAGCCACCACCACCACCACCACTGAggtacctggccaaagaaggagatatacatATGAGCGGTGGCATGGACCGTAAGGCAGCGGTCTCTCACTGGCAGTCCGGCGGTGGCGCAGACCGCAAAGTGGCCGTGAGCCATTGGTCTGGTGGCGGTCCGGATCGCAAAGCGGCGGTTAGCCACTGGCAGCAATAATGAccatgggctagcaagaaggagatatacatATGAAATACCTGCTGCCGACCGCTGCTGCTGGTCTGCTGCTCCTCGCTGCCCAGCCGGCGATGGCCATGGACTACAAAGACCATGACGGTGATTATAAAGATCATGATATCGACTACAAAGATGAC**gac**GATAAATAGTAAggatccaccggtcaggaaacagaccATGAGCTACCCTTACGATGTACCGGATTACGCATAGgcgcgccggccgcaaggaccatagattATGAAAATAAAAACAGGTGCACGCATCCTCGCATTATCCGCATTAACGACGATGATGTTTTCCGCCTCGGCTCTCGCCagcACGGAGACGTCCCAGGTCGCGCCGGCCTGActcgaggcatgctagac**aggag**accatATGGAACAGAAACTGATTAGCGAAGAAGACCTGTAGcccggggagctcGAATTCACTGGCCGTCGTTTTACAACGTCGTGACTGGGAAAACCCTGGCGTTACCCAACTTAATCGCCTTGCAGCACATCCCCCTTTCGCCAGCTGGCGTAATAGCGAAGAGGCCCGCACCGATCGCCCTTCCCAACAGTTGCGCAGCCTGAATGGCGAATGGCGCCTGATGCGGTATTTTCTCCTTACGCATCTGTGCGGTATTTCACACCGCATATGGTGCACTCTCAGTACAATCTGCTCTGATGCCGCATAGttaagccagccccgacacccgccaacacccgctgacgcgccctgacgggcttgtctgctcccggcatccgcttacagacaagctgtgaccgtctccgggagctgcatgtgtcagaggttttcaccgtcatcaccgaaacgcgcga

**pTags2-Hyg1**

Derivative of pTags2 with hygromycin resistance gene cloned in frame with 1D4. Hygro-1D4 and Myc are expressed from a constitutive EM7 promoter.

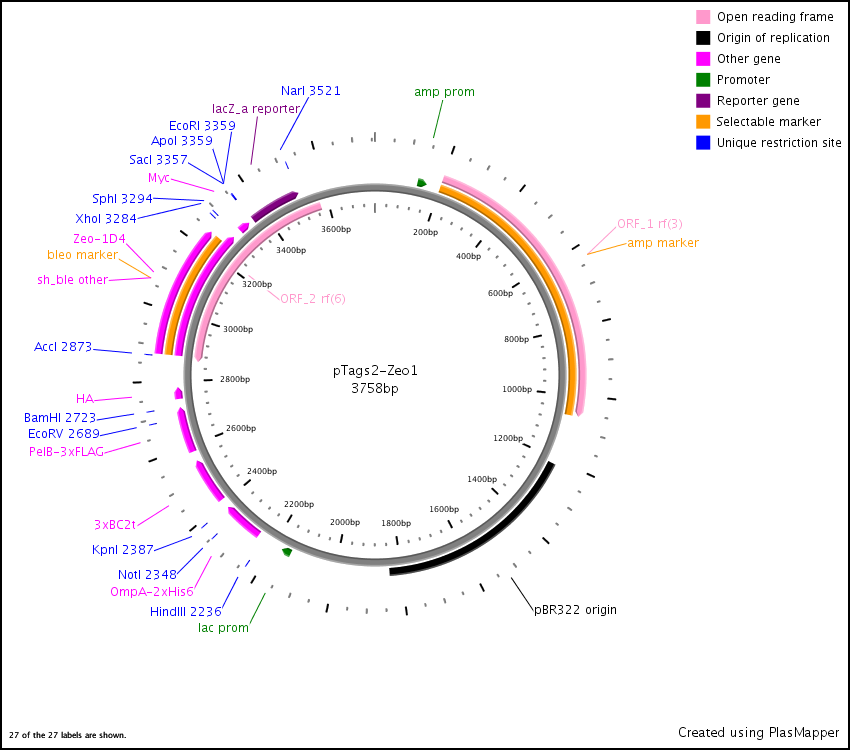


>pTags2-Hyg1 full plasmid sequence

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**pTags2-Zeo1**

Derivative of pTags2 with zeocin/bleocin resistance gene cloned in frame with 1D4. Zeo-1D4 and Myc are expressed from a constitutive EM7 promoter.



>pTags2-Zeo1 full plasmid sequence

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