

BL21(DE3)::I-SceI sequence on attTN7 site (Integration site):

GTCAGGCTTGCTTCTGCAAAACACAGAGAAAGCGCTCATCGATAAGGTCGCGGGCACAACAGTTGCGACGGTGGTACGCATAAATTCATAATGTCTCTCGGGAGGA
 TTCATAAAGCATTGTTTGTGGCTACGAGAAGCAAATAGGACAACAGGTGACAGTTATATGTAAGGAATATGACAGTTTATGACAGAGAGATAAAGTCTTCAG
 TCTGATTTAAATAAGCGTTGATATTCAGTCAATTACAAACATTAATAACGAAGAGATGACAGAAAAATTTTCATTCTGTGACAGAGAAAAAGTAGCCGAAGATGAC
 GGTTTGTACATGGAGTTGGCAGGATGTTGATTA AAAACATA TAGGGATAACAGGGTAATTAAGCAGAAGGCCATCCTGACGGATGGCCTTTTGTGCTTCTACA
 AACTCTTTTGTATTCTAAATACAGCGGCCGGAAGTTCCCTATCTCTAGAAAAGTATAGGAACCTCAGATCTCCTTCTGCCACGTTTCGCATCCATTTA
 TTA CTCAACCGTAACCGATTTTGCAGGTTACGCGGCTGTCAACGTCGGTACCTTTGATCAGCGCGACGTGATAAGCCAGTAGCTGCAGCGGAACGGGTGAGAAG
 ATGGTGCATACCTCTCCACATCGGGCATCTCGATGATGTGCATGTTATCGCTACTTACAAAACCCGCATCCTGATCGGCGAAGACATACAACCTGACCGCCAC
 GCGCGGAACCTCTCAATGTTGGATTTAGTTTTTCCAGCAATTCGTTGTTCCG

Integration overhangs highlighted in yellow, I-SceI restriction site highlighted in green.

pAIO Sequence:

TAGGGATAACAGGGTAATCGTAGAGGATCTGCTCATGTTTGACAGCTTATCATCGATGCATAATGTGCCTGTCAAATGGACGAAGCAGGGATTCTGCAAAACCCAT
 GCTACTCCGTC AAGCCGTC AATTGTCTGATTCGTTACCAATTATGACAACCTGACGGCTACATCATTCACTTTTTCTTCAACCCGGCACGGAACCTCGCTCGGGCT
 GGCCCGGTGCATTTTTAAATACCCGCGAGAAATAGAGTTGATCGTCAAACCAACATTTGCGACCGACGGTGGCGATAGGCATCCGGGTGGTGTCTAAAAGCAGC
 TTCGCTGGCTGATACGTTGGTCTCGGCCAGCTTAAGACGCTAATCCCTAACTGCTGGCGGAAAAGATGTGACAGACCGCAGCGGCACAAGCAAATGCTGTG
 CGAGCTGGCGATACAAAATGTCTGTCTGCCAGGTGATCGCTGATGACTGACAAGCCTCGCGTACCCGATTATCCATCGGTGGATGGAGCGACTCGTTAATCGC
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