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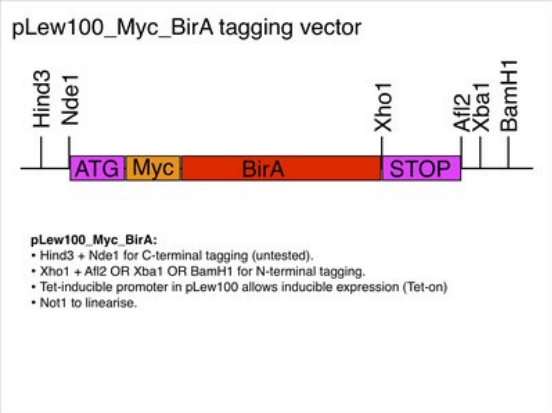
Plasmid 41716: pLew100_myc_BirA*

Gene/insert name:	None
Vector backbone:	pLew100 (Search Vector Database)
Vector type:	T. brucei expression
Backbone size (bp):	7417
Modifications to Backbone:	Contains myc-BirA* module (R118G)
Promoter:	PARP
Bacterial resistance(s)	Ampicillin
Growth strain(s)	DH5alpha
Growth temperature (°C):	37
High or low copy:	Unknown
Selectable markers:	Phleomycin
Person or lab that originally cloned the gene/insert:	The pLew100_myc-BirA* plasmid is derived from the pcDNA3.1(-)_myc-BirA* (http://www.addgene.org/36047/) plasmid originating in the Roux lab (Sanford Health, SD, USA). It contains the myc-BirA* module cloned in the T. brucei pLew100 expression vector, with some extra restriction sites to facilitate cloning.
Sequence:	View sequences (3)
Map:	View map 
Principal Investigator:	Graham Warren
Terms and Licenses:	UBMTA

Comments: If you use this plasmid in a publication, please also cite the Morriswood paper as well as the following article:
A promiscuous biotin ligase fusion protein identifies proximal and interacting proteins in mammalian cells. Roux et al (J Cell Biol. 2012 Mar 12). PubMed - http://www.ncbi.nlm.nih.gov/pubmed/22412018 .

Addgene has sequenced a portion of this plasmid for verification. Full plasmid sequence is available only if provided by the depositing laboratory.



Article: Novel bilobe components in Trypanosoma brucei identified using proximity-dependent biotinylation. Morriswood et al (Eukaryot Cell. 2012 Dec 21. PubMed)

Please acknowledge the principal investigator and cite this article if you use this plasmid in a publication. Also, please include the text "Addgene plasmid 41716" in your Materials and Methods section.