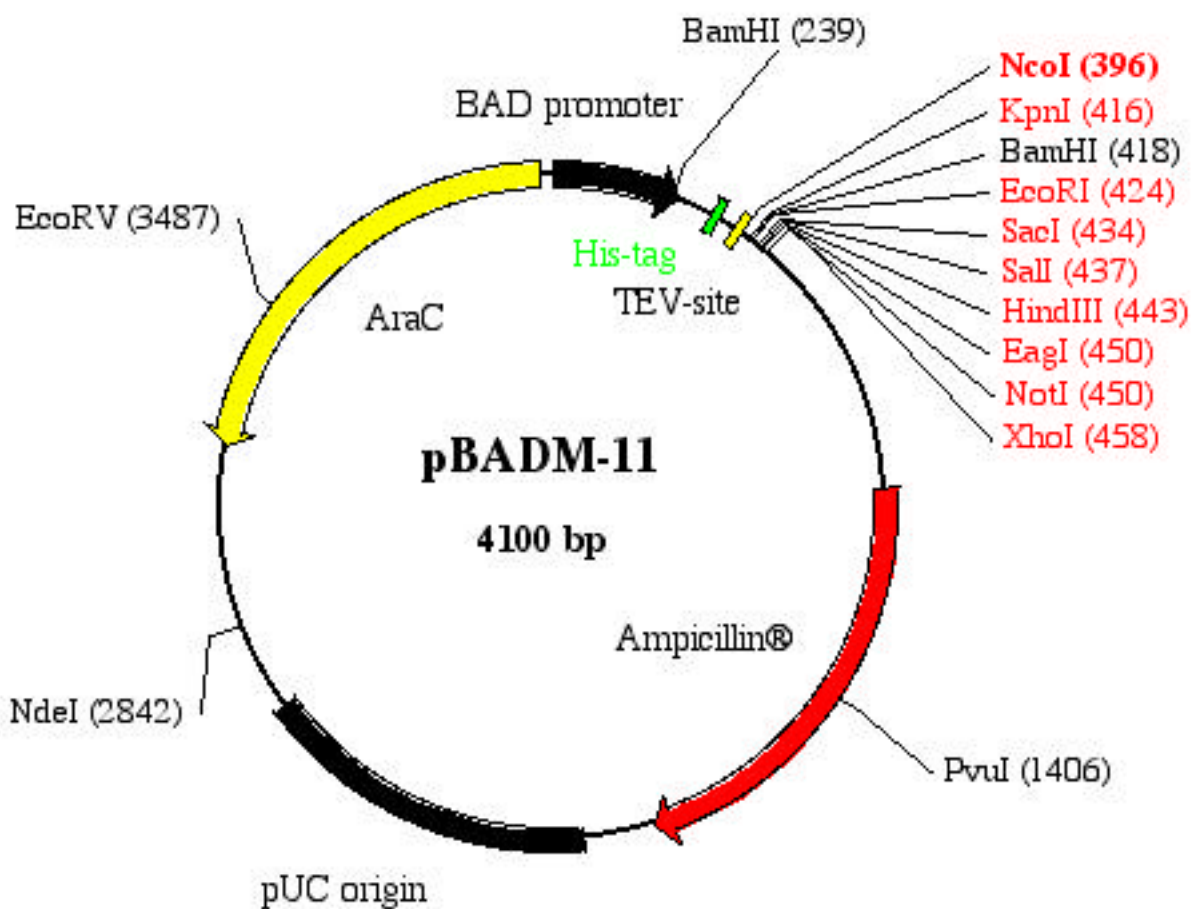


EMBL Protein Expression and Purification Facility



pBADM-11

RBS

GACGCTTTTTATCGCAACTCTCTACTGTTTCTCCATACCCGTTTTTTGGGCTAACAGGAG
CTGCGAAAAATAGCGTTGAGAGATGACAAAGAGGTATGGGCAAAAAACCCGATTGTCTC

His-tag

GAATTAACC**ATG**AAACATCACCATCACCATCACCCCATGAGCGATTACGACATCCCCACT
CTTAATTGGTACTTTGTAGTGGTAGTGGTAGTGGGGTACTCGCTAATGCTGTAGGGGTGA
METLysHisHisHisHisHisHisProMetSerAspTyrAspIleProThr

TEV-site

ACTGAGAATCTTTATTTTCAG GCGCC**ATG**GCTGGCAAGGCGGTACCGGATCCGAATTCCG
TGACTCTTAGAAATAAAAGTC CCGCGGTACCGACCGTCCGCCATGGCCTAGGCTTAAGC
ThrGluAsnLeuTyrPheGln | GlyAla**MET**AlaGlyLysAlaValProAspProAsnSer

NotI

EagI

SacI SalI HindIII XhoI
AGCTCCGTCGACAAGCTTGCGGCCGCACTCGAGAGCTTGGCTGTTTTGGCGGATGAGAGA
TCGAGGCAGCTGTTTCGAACGCCGGCGTGAGCTCTCGAACCGACAAAACCGCCTACTCTCT
SerSerValAspLysLeuAlaAlaAlaLeuGluSerLeuAlaValLeuAlaAspGluArg

Single Cutters Listed by Site Order

74	PinAI	423	EcoRI	457	XhoI	2841	NdeI
74	AgeI	431	EcoICRI	459	SciI	2918	Tth1111I
77	BstEII	431	Ecl136II	619	RleAI	3107	SphI
97	BsmI	433	SstI	1293	ScaI	3109	NsiI
135	MluI	433	SacI	1405	PvuI	3401	AflII
392	NarI	436	SalI	1405	XorII	3486	EcoRV
393	EheI	442	HindIII	1551	MstI	3808	NruI
395	BbeI	449	XmaIII	1599	VspI	3808	SpoI
395	NcoI	449	EagI	1656	BglI	3815	BspMII
411	Asp718I	449	Eco52I	1774	Eam1105I	3815	AccIII
411	Acc65I	449	NotI	2253	AlwNI	4020	PflMI
415	KpnI						

Non Cutting Enzymes

AatII	ApaI	AscI	AsuII	AvrII	BalI
BbvII	BclI	BglII	Bpu1102I	Bsc91I	Bsp1407I
BspMI	BstXI	Bsu36I	ClaI	Csp45I	CspI
CvnI	DraIII	Eco47III	Eco56I	Eco72I	EcoNI
EspI	FseI	HpaI	I-PpoI	Mlu113I	MscI
MstII	NaeI	NheI	PacI	PmaCI	PmeI
PstI	PvuII	SacII	SauI	SfiI	SgrAI
SmaI	SnaBI	SpeI	SplI	SrfI	SstII
StuI	SunI	SwaI	XbaI	XcmI	XmaI