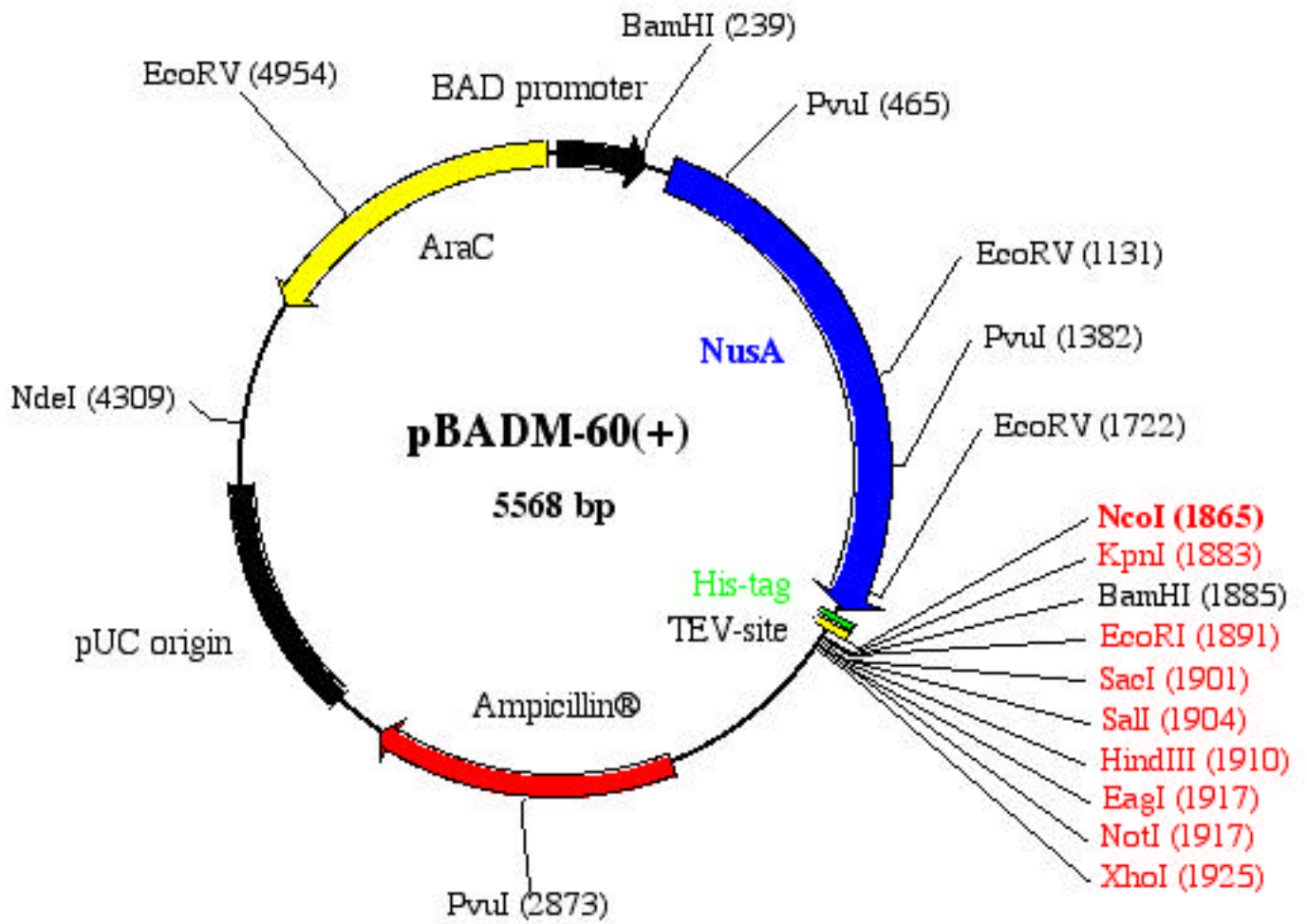


# EMBL Protein Expression and Purification Facility



## pBADM-60(+)

### RBS

TTTTATCGCAACTCTCTACTGTTTCTCCATACCCGTTTTTTGGGCTAACAGGAGGAATTA  
AAAATAGCGTTGAGAGATGACAAAGAGGTATGGGCAAAAACCCGATTGTCCTCTTAAT

ACCATGAAAGAAATTTTGGCTGTAGTTGAAGCC...**1419bp**...GCTGCCCGTAATATT  
TGGTACTTTCTTTAAACCGACATCAACTTCGG...**NusA**...CGACGGGCATTATAA  
**MET**LysGluIleLeuAlaValValGluAla...**473aa**...AlaAlaArgAsnIle

### His-tag

TGCTGGTTCGGTGACGAAGCGACTAGTGGTTCTGGTCATCACCATCACCATCACTCCGCG  
ACGACCAAGCCACTGCTTCGCTGATCACCAAGACCAGTAGTGGTAGTGGTAGTGAGGGCGC  
CystrpPheGlyAspGluAlaThrSerGlySerGlyHisHisHisHisHisHisSerAla

### TEV-site

GGTGAGAATCTTTATTTTCAG GCGGCC**ATG**GACT**TAATGA**GGTACCGGATCCGAATTCCG  
CCACTCTTAGAAATAAAAGAC CCGCGGTACCTGATTACTCCATGGAATAGGCTTAAGC  
GlyGluAsnLeuTyrPheGln|GlyAla**MET**Asp\*\*\*\*\*

NotI  
EagI  
SalI  
SacI HindIII XhoI  
AGCTCCGTCGACAAGCTTGC GGCCGCACTCGAGAGCTTGGCTGTTTTGGCGGATGAGAGA  
TAGAGGCAGCTGTTTCGAACGCCGGCGTGAGCTCTCGAACCGACAAAACCGCCTACTCTCT

### Single Cutters Listed by Site Order

74	PinAI	1505	StuI	1883	KpnI	2761	ScaI
74	AgeI	1558	BalI	1891	EcoRI	3019	MstI
77	BstEII	1558	MscI	1899	EcoICRI	3067	VspI
135	MluI	1686	BglIII	1899	Ecl136II	3124	BglI
386	Csp45I	1801	SpeI	1901	SstI	3242	Eam1105I
386	AsuII	1836	Mlu113I	1901	SacI	3721	AlwNI
449	AatII	1838	SacII	1904	SalI	4309	NdeI
696	BclI	1838	SstII	1910	HindIII	4386	Tth111I
730	SgrAI	1862	NarI	1917	NotI	4575	SphI
1352	BspMI	1863	EheI	1917	EagI	4577	NsiI
1352	Bpu1102I	1865	BbeI	1917	XmaIII	4869	AflII
1352	EspI	1865	NcoI	1917	Eco52I	5283	AccIII
1421	Bsc91I	1879	Asp718I	1925	XhoI	5283	BspMII
1421	BbvII	1879	Acc65I	1927	SciI	5488	PflMI

### Non Cutting Enzymes

ApaI	AscI	AvrII	Bsp1407I	BstXI	Bsu36I
CspI	CvnI	DraIII	Eco47III	Eco56I	Eco72I
EcoNI	FseI	HpaI	I-PpoI	MstII	NaeI
NheI	PacI	PmaCI	PmeI	PstI	PvuII
SauI	SfiI	SmaI	SnaBI	SplI	SrfI
SunI	SwaI	XbaI	XcmI	XmaI	