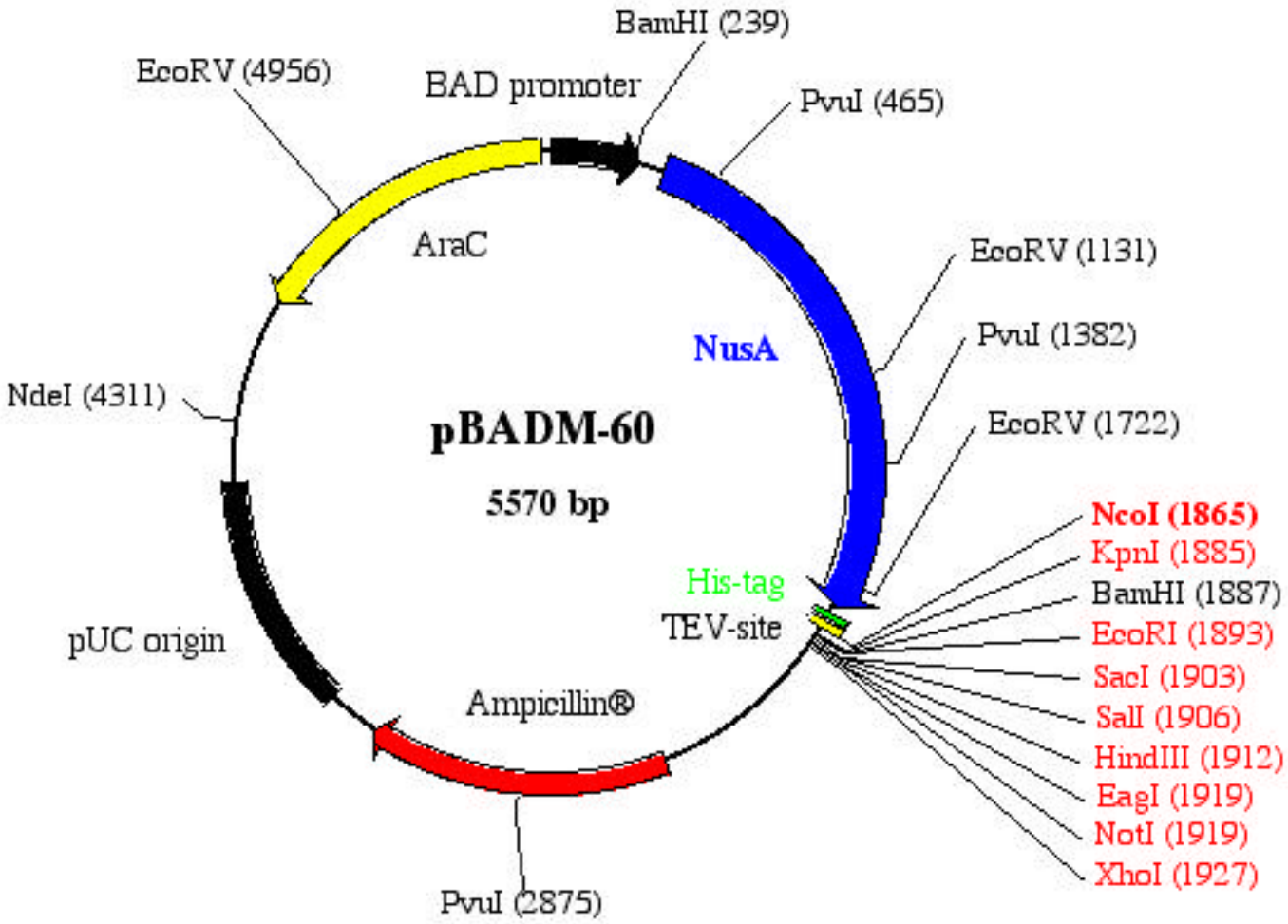
EMBL Protein Expression and Purification Facility



pBADM-60

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                                                          RBS
TTTTATCGCAACTCTCTACTGTTTCTCCATACCCGTTTTTTGGGCTAACAGGAGGAATTA
AAAATAGCGTTGAGAGATGACAAAGAGGTATGGGCAAAAAACCCGATTGTCCTCCTTAAT


ACCATGAAAGAAATTTTGGCTGTAGTTGAAGCC...1419bp...GCTGCCCGTAATATT
TGGTACTTTCTTTAAAACCGACATCAACTTCGG....NusA....CGACGGGCATTATAA
   METLysGluIleLeuAlaValValGluAla....473aa...AlaAlaArgAsnIle

                                            His-tag
TGCTGGTTCGGTGACGAAGCGACTAGTGGTTCTGGTCATCACCATCACCATCACTCCGCG
ACGACCAAGCCACTGCTTCGCTGATCACCAAGACCAGTAGTGGTAGTGGTAGTGAGGCGC
CystrpPheGlyAspGluAlaThrSerGlySerGlyHisHisHisHisHisHisSerAla

                TEV-site  NcoI            KpnI        EcoRI
GGTGAGAATCTTTATTTTCAG GGCGCCATGGCTGGCAAGGCGGTACCGGATCCGAATTCG
CCACTCTTAGAAATAAAAGAC CCGCGGTACCGACCGTTCCTCCATGGAATAGGCTTAAGC
GlyGluAsnLeuTyrPheGln|GlyAlaMETAlaGlyLysAlaValProAspProAsnSer

                     NotI
       SalI          EagI
SacI        HindIII         XhoI
AGCTCCGTCGACAAGCTTGCGGCCGCACTCGAGAGCTTGGCTGTTTTGGCGGATGAGAGA
TAGAGGCAGCTGTTCGAACGCCGGCGTGAGCTCTCGAACCGACAAAACCGCCTACTCTCT
SerSerValAspLysLeuAlaAlaAlaLeuGluSerLeuAlaValLeuAlaAspGluArg
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Single Cutters Listed by Site Order

74	PinAI	1505	StuI	1885	KpnI	2763	ScaI
74	AgeI	1558	BalI	1893	EcoRI	3021	MstI
77	BstEII	1558	MscI	1901	EcoICRI	3069	VspI
135	MluI	1686	BglII	1901	Ecl136II	3126	BglI
386	Csp45I	1801	SpeI	1903	SstI	3244	
Eam1105I							
386	AsuII	1836	Mlu113I	1903	SacI	3723	AlwNI
449	AatII	1838	SacII	1906	SalI	4311	NdeI
696	BclI	1838	SstII	1912	HindIII	4388	Tth111I
730	SgrAI	1862	NarI	1919	NotI	4577	SphI
1352	BspMI	1863	EheI	1919	EagI	4579	NsiI
1352	Bpu1102I	1865	BbeI	1919	XmaIII	4871	AflII
1352	EspI	1865	NcoI	1919	Eco52I	5285	AccIII
1421	Bsc91I	1881	Asp718I	1927	XhoI	5285	BspMII
1421	BbvII	1881	Acc65I	1929	SciI	5490	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	