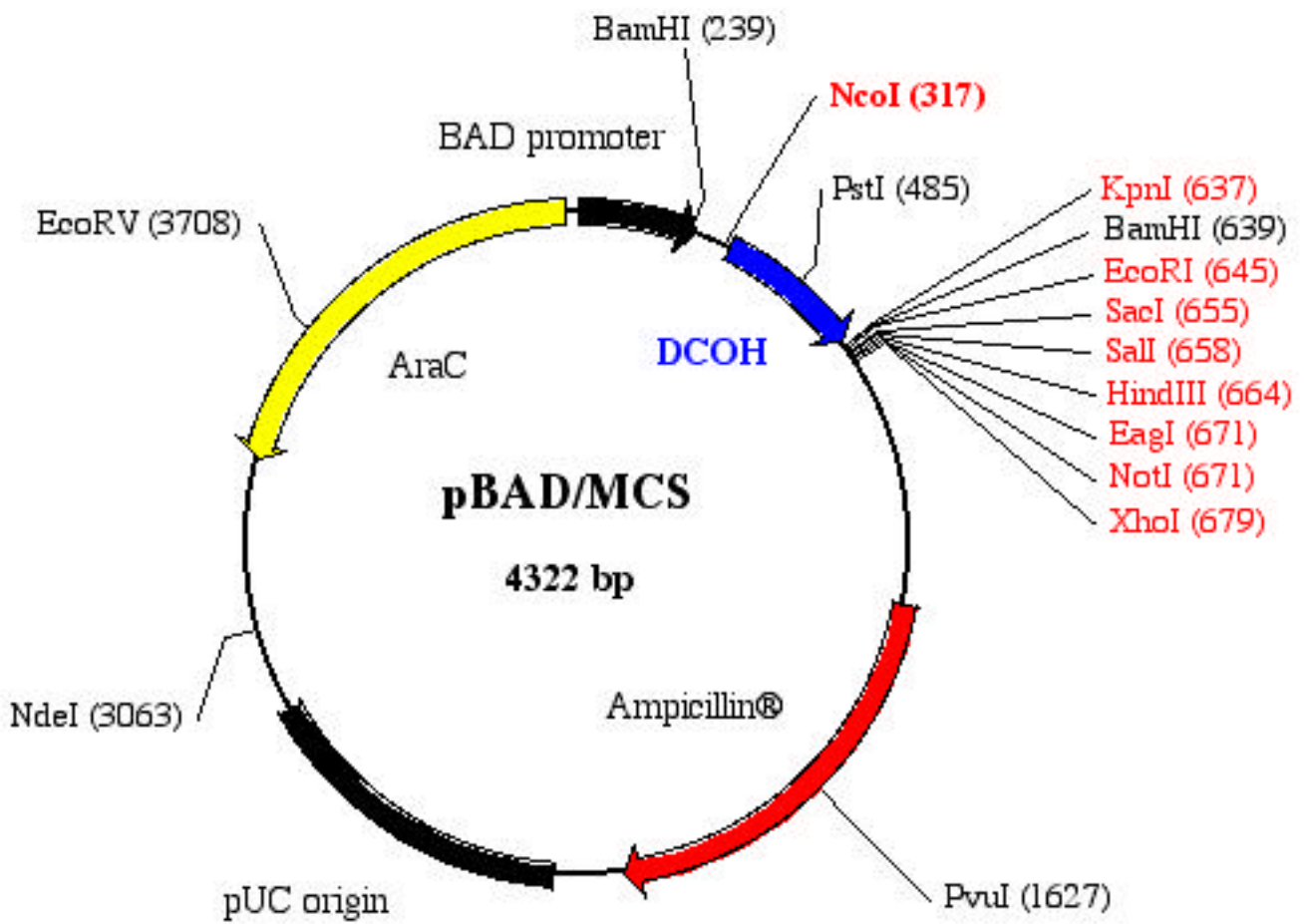


EMBL Protein Expression and Purification Facility



pBAD/MCS

RBS

GACGCTTTTTATCGCAACTCTCTACTGTTTCTCCATACCCGTTTTTTGGGCTAACAGGAG
CTGCGAAAAATAGCGTTGAGAGATGACAAAGAGGTATGGGCAAAAACCCGATTGTCCTC

NcoI

GAATTAACC**ATGG**CTGGCAAGGCACACAGG...**270bp**...CAAGTTGCCGTGTCTATG
CTTAATTGGTACCGACCGTTCCGTGTGTCC...**DCOH**...GTTCAACGGCACAGATAC
METAlaGlyLysAlaHisArg...**90aa**...GlnValAlaValSerMet

NotI

EagI

SacI

KpnI

EcoRI

SalI HindIII

XhoI

ACATAGGTACCGGATCCGAATTCGAGCTCCGTCGACAAGCTTGCGGCCGCACTCGAGAGC
TGTATCCATGGCCTAGGCTTAAGCTCGAGGCAGCTGTTTGAACGCCGGCGTGAGCTGTCTG
Thr***

Single Cutters Listed by Site Order

74	PinAI	633	Asp718I	671	XmaIII	3063	NdeI
74	AgeI	633	Acc65I	671	EagI	3140	Tth111I
77	BstEII	637	KpnI	671	NotI	3329	SphI
97	BsmI	645	EcoRI	679	XhoI	3331	NsiI
135	MluI	653	Ecl136II	681	SciI	3623	AflII
317	NcoI	653	EcoICRI	1515	ScaI	3708	EcoRV
363	PvuII	655	SacI	1627	XorII	4030	NruI
383	BspMI	655	SstI	1627	PvuI	4030	SpoI
485	PstI	658	SalI	1773	MstI	4037	AccIII
524	Bsp1407I	664	HindIII	1821	VspI	4037	BspMII
595	BalI	671	Eco52I	1996	Eam1105I	4242	PflMI
595	MscI						

Non Cutting Enzymes

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