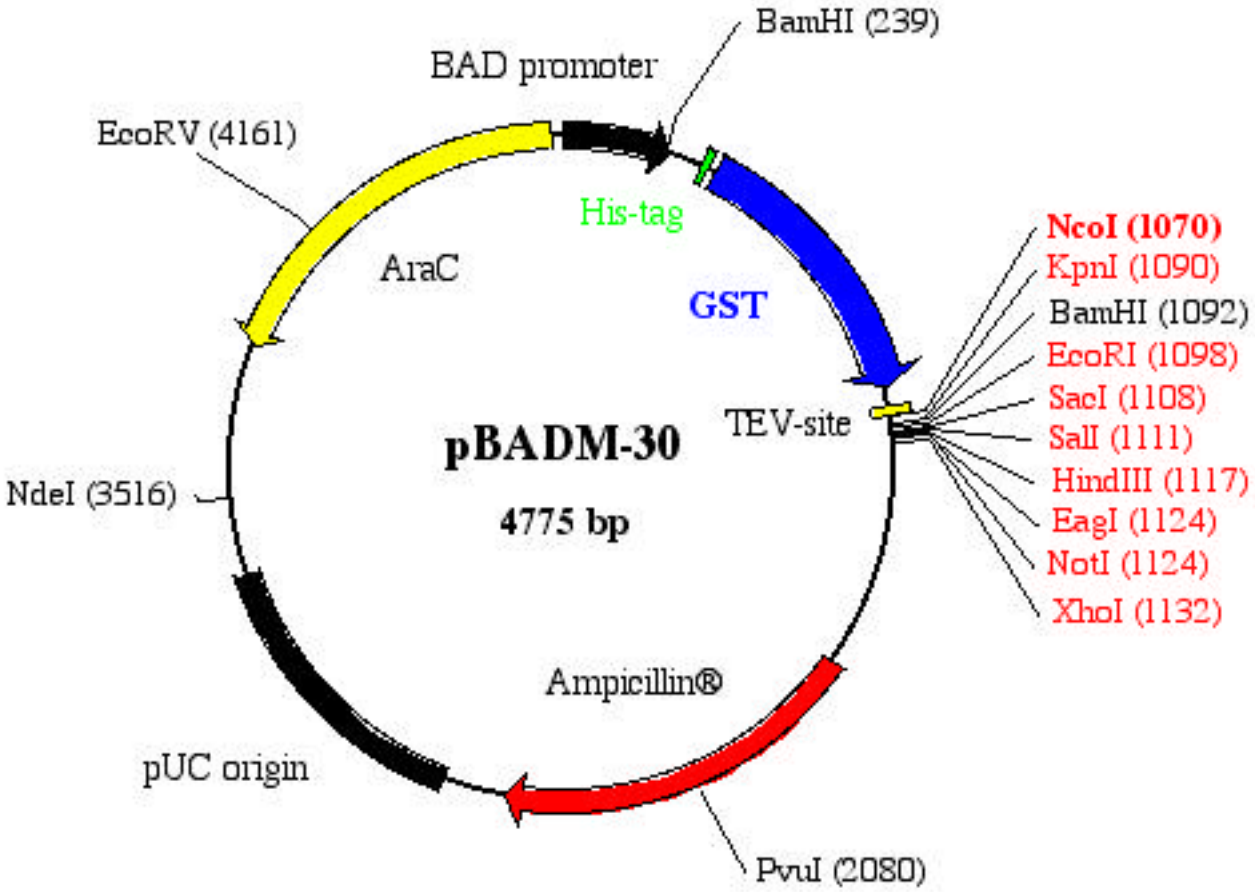
BamHI (239)
BAD promoter
EcoRV (4161)
His-tag
AraC
GST
NcoI (1070)
KpnI (1090)
BamHI (1092)
EcoRI (1098)
SacI (1108)
SalI (1111)
HindIII (1117)
EagI (1124)
NotI (1124)
XhoI (1132)
TEV-site
pBADM-30
4775 bp
NdeI (3516)
Ampicillin®
pUC origin
PvuI (2080)

pBADM-30

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                                                          RBS
GCTTTTTATCGCAACTCTCTACTGTTTCTCCATACCCGTTTTTTGGGCTAACAGGAGGAA
CGAAAAATAGCGTTGAGAGATGACAAAGAGGTATGGGCAAAAAACCCGATTGTCCTCCTT

                 His-tag
TTAACCATGAAACATCACCATCACCATCACAACACTAGTAGCAATTCCATGTCCCCTATA
AATTGGTACTTTGTAGTGGTAGTGGTAGTGTTGTGATCATCGTTAAGGTACAGGGGATAT
      METLysHisHisHisHisHisHisAsnThrSerSerAsnPheMetSerProIle


CTAGGTTATTGG..615bp..GACCATCCTCCAACTAGTGGATCTGGTGGTGGTGGCGGA
GATCCAATAACC...GST...CTGGTAGGAGGTTGATCACCTAGACCACCACCACCGAAT
LeuGlyTyrTrp..205aa..AspHisProProThrSerGlySerGlyGlyGlyGlyGly

                Tev-site  NcoI            KpnI
TCCATGAGCGAGAATCTTTATTTTCAG GGCGCCATGGCTGGCAAGGCGGTACCGGATCCG
AGGTACTCGCTCTTAGAAATAAAAGTC CCGCGGTACCGACCGTTCCGCCATGGCCTAGGC
SerMetSerGluAsnLeuTyrPheGln|GlyAlaMETAlaGlyLysAlaValProAspPro

                            NotI
      SacI                  EagI
EcoRI        SalI HindIII         XhoI
AATTCGAGCTCCGTCGACAAGCTTGCGGCCGCACTCGAGAGCTTGGCTGTTTTGGCGGAT
TTAAGCTCGAGGCAGCTGTTCGAACGCCGGCGTGAGCTCTCGAACCGACAAAACCGGATA
AsnSerSerSerValAspLysLeuAlaAlaAlaLeuGluSerLeuAlaValLeuAlaAsp
```

Single Cutters Listed by Site Order

74	PinAI	1068	EheI	1117	HindIII	2449	Eam1105I
74	AgeI	1070	NcoI	1124	XmaIII	2928	AlwNI
77	BstEII	1070	BbeI	1124	Eco52I	3516	NdeI
97	BsmI	1086	Acc65I	1124	EagI	3593	Tth111I
135	MluI	1086	Asp718I	1124	NotI	3782	SphI
371	EcoNI	1090	KpnI	1132	XhoI	3784	NsiI
568	BalI	1098	EcoRI	1134	SciI	4076	AflII
568	MscI	1106	EcoICRI	2080	PvuI	4161	EcoRV
758	AsuII	1106	Ecl136II	2080	XorII	4483	NruI
758	Csp45I	1108	SacI	2226	MstI	4483	SpoI
788	SwaI	1108	SstI	2274	VspI	4490	BspMII
795	BclI	1111	SalI	2331	BglI	4490	AccIII
1067	NarI						

Non Cutting Enzymes

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