



pBADM-20

RBS

CGCAACTCTCTACTGTTTCTCCATACCCGTTTTTTGGGCTAACAGGAGGAATTAACCATG
CGGTTGAGAGATGACAAAGAGGTATGGGCAAAAACCCGATTGTCCTCCTTAATTGGTAC
MET

AGCGATAAAATTATTAC...**294bp**...GCTAACCTGGCCGGTTCTGGTTCTGGCCAT
TCGCTATTTTAATAAGTG...**TrxA**...CGATTGGACCGCCAAGACCAAGACCGGTA
SerAspLysIleIleHis...**98aa**...AlaAsnLeuAlaGlySerGlySerGlyHis

His-tag

TEV-site

NcoI

ATGCACCATCATCATCATCTTCTGGTGAGAATCTTTATTTTCAG GCGCC**ATGGCT**
TACGTGGTAGTAGTAGTAAGAAGACCACTCTTAGAAATAAAAGTC CCGCGGTACCGA
MetHisHisHisHisHisHisSerSerGlyGluAsnLeuTyrPheGln|GlyAla**MET**Ala

NotI

SacI

EagI

KpnI

EcoRI

SalI HindIII

XhoI

GGCAAGGCGGTACCGGATCCGAATTTCGAGCTCCGTCGACAAGCTTTCGCGCCGCACTCGAG
CCGTTCCGCATGGCCTAGGCTTAAGCTCGAGGCAGCTGTTTGAACGCCGGCGTGTGCTC
GlyLysAlaValProAspProAsnSerSerSerValAspLysLeuAlaAlaAlaLeuGlu

Single Cutter Listed by Site Order

74	PinAI	716	BbeI	770	Eco52I	2095	Eam1105I
74	AgeI	732	Asp718I	770	NotI	2574	AlwNI
77	BstEII	732	Acc65I	770	XmaIII	3239	Tth111I
97	BsmI	736	KpnI	778	XhoI	3428	SphI
135	MluI	744	EcoRI	780	SciI	3430	NsiI
418	CspI	752	EcoICRI	940	RleAI	3722	AflII
500	ClaI	752	Ecl136II	1614	ScaI	3807	EcoRV
659	MscI	754	SstI	1726	PvuI	4129	NruI
659	BalI	754	SacI	1726	XorII	4129	SpoI
713	NarI	757	SalI	1872	MstI	4136	AccIII
714	EheI	763	HindIII	1920	VspI	4136	BspMII
716	NcoI	770	EagI	1977	BglI	4341	PflMI

Non Cutting Enzymes

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