



Source: Arie Geerlof
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pETM-82

T7 promoter --> XbaI
GAAATTAATACGACTCACTATAGGGAGACCACAACGGTTTCCCTCTAGAAATAATTTTGT
CTTTAATTATGCTGAGTGATATCCCTCTGGTGTGCGCAAAGGGAGATCTTTATTTAAACA

rbs
TTAACTTTAAGAAGGAGATATACCATGAAAGATGACGCGGCAATTCAACAAACGTTAGCC
AATTGAAATTCTTCTCTATATGGTACTTTCTACTGCGCGTTAAGTTGTTTGCAATCGG
METLysAspAspAlaAlaIleGlnGlnThrLeuAla

His-tag
AAAATGGGGCATCAA...**615bp**...GGTTCTGGTCATCACCATCACCATCACTCCGCG
TTTTACCCCGTAGTT...**DsbC**...CCAATACCAGTAGTGGTAGTGGTAGTGAGGCGC
LysMetGlyHisGln...**205aa**...GlySerGlyHisHisHisHisHisHisSerAla

TEV-site NcoI KpnI NotI SacI
GGTGAGAATCTTTATTTTCAG GCGCCATGGAATAATTGGTACCGCGCCGCGAGCTCG
CCACTCTTAGAAATAAAAAGTC CCGCGGTACCTTATTAACCATGGCGCCGAGCTCGAGC
GlyGluAsnLeuTyrPheGln|GlyAlaMETGlu***

BamHI
GATCCGGCTGCTAACAAAGCCCGAAAGGAAGCTGAGTTGGCTGCTGCCACCGCTGAGCAA
CTAGGCCGACGATTGTTTCGGGCTTTCCTTCGACTCAACCGACGACGGTGGCGACTCGTT

Single Cutters Listed by Site Order

179	NheI	493	NcoI	1999	ApaBI	4222	XhoI
460	BamHI	557	SpeI	2393	MscI	4224	SciI
468	EcoICRI	628	BstEII	2393	BalI	4315	ClaI
468	Ecl136II	1102	Bsp1407I	2980	XmnI	4496	XmaI
470	SacI	1258	XbaI	3013	PvuII	4498	SmaI
470	SstI	1283	Eco31I	3167	Tth111I	4549	SspI
473	NotI	1316	BglIII	3306	SapI	4624	PvuI
480	Acc65I	1357	SgrAI	3355	BstD102I	4624	XorII
480	Asp718I	1513	SphI	3595	BsiI	4742	HindIII
484	KpnI	1598	SalI	3970	Eco57I		

Non Cutting Enzymes

AatII	AflIII	AgeI	AhaIII	ApaI	AscI
AsuII	AvrII	BclI	BssHII	BstXI	Bsu36I
Csp45I	CspI	CvnI	DraI	DraIII	Eam1105I
Eco72I	EcoRI	FseI	HpaI	I-PpoI	MfeI
MluI	MstII	NdeI	PacI	PinAI	PmaCI
PmeI	PstI	RleAI	SauI	ScaI	SfiI
SnaBI	SplI	SrfI	StuI	SunI	SwaI