



Source: Arie Geerlof  
 geerlof@embl-hamburg.de

## pETM-80

T7 promoter --> XbaI  
GAAATTAATACGACTCACTATAGGGAGACCACAACGGTTTCCCTCTAGAAATAATTTTGT  
CTTTAATTATGCTGAGTGATATCCCTCTGGTGTTGCCAAAGGGAGATCTTTATTTAAACA

rbs  
TTAACTTTAAGAAGGAGATATACCATGAAGAAAGGTTTTATGTTGTTTACTTTGTTAGCG  
AATTGAAATTCTTCTCTATATGGTACTTCTTTCCAAAATACAACAAATGAAACAATCGC  
METLysLysGlyPheMetLeuPheThrLeuLeuAla

GCGTTTTTCAGGCTTT...669bp...GGTTCCTGGTCATCACCATCACCATCACTCCGCG  
CGCAAAGTCCGAAA...DsbC...CCAAGACCAGTAGTGGTAGTGGTAGTGAGGCGC  
AlaPheSerGlyPhe...223aa...GlySerGlyHisHisHisHisHisHisSerAla

TEV-site NcoI KpnI NotI SacI  
GGTGAGAATCTTTATTTTCAG GCGCCATGGAATAATTGGTACCGCGGCCGCGAGCTCG  
CCACTCTTAGAAATAAAAAGTC CCGCGGTACCTTATTAACCATGGCGCCGGAGCTCGAGC  
GlyGluAsnLeuTyrPheGln|GlyAlaMETGlu\*\*\*

BamHI  
GATCCGGCTGCTAACAAAGCCCGAAAGGAAGCTGAGTTGGCTGCTGCCACCGCTGAGCAA  
CTAGGCCGACGATTGTTTCGGGCTTTCCTTCGACTCAACCGACGACGGTGGCGACTCGTT

### Single Cutters Listed by Site Order

179	NheI	493	NcoI	2053	ApaBI	4276	XhoI
460	BamHI	557	SpeI	2447	MscI	4278	SciI
468	EcoICRI	628	BstEII	2447	BalI	4369	ClaI
468	Ecl136II	1102	Bsp1407I	3034	XmnI	4550	XmaI
470	SacI	1312	XbaI	3067	PvuII	4552	SmaI
470	SstI	1337	Eco31I	3221	Tth111I	4603	SspI
473	NotI	1370	BglII	3360	SapI	4678	PvuI
480	Acc65I	1411	SgrAI	3409	BstD102I	4678	XorII
480	Asp718I	1567	SphI	3649	BsiI	4796	HindIII
484	KpnI	1652	SalI	4024	Eco57I		

### Non Cutting Enzymes

AatII	AflII	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