



pPCR Script-eGFP

T3 promoter -->
 BstXI
EagI
SacI
SacII
NotI
 GCAATTAACCCTCACTAAAGGGAACAAAGCTGGAGCTCCACCGCGGTGGCGGCCGCTCT
 CGTTAATTGGGAGTGATTTCCCTTGTTTTTCGACCTCGAGGTGGCGCCACCGCCGGCGAGA

SmaI
SrfI
XcmI
 AGCCCCGGGCGGATCTCCAGTCATCGACTGGATGGTGAGCAAGGGCGAGGAGCTGTTCCACC
 TCGGGCCCGCCTAGAGGTGAGTACCTGACCTACCACTCGTTCCCGCTCCTCGACAAGTGG
METValSerLysGlyGluGluLeuPheThr

GGGGTGGTGCCC...**717 bp**...CTGGAGTTCGTGACCGCCCGGGATCACTCTCGGC
 CCCCACCACGGG...**239 aa**...GACCTCAAGCACTGGCGGCGGCCCTAGTGAGAGCCG
 GlyValValPro **eGFP** LeuGluPheValThrAlaAlaGlyIleThrLeuGly

XcmI
EcoRI
EcoRV
HindIII
ClaI
 ATGGACGAGCTGTACAAGTAACCAGTTCGATGACTGGGAATTCGATATCAAGCTTATCGAT
 TACCTGCTCGACATGTTTATTGGTCAGCTACTGACCCTTAAGCTATAGTTTGAATAGCTA
 MetAspAspLeuTyrLys

Sali
XhoI
ApaI
KpnI
<-- T7 promoter
 ACCGTCGACCTCGAGGGGGGGCCCGGTACCCAATTCGCCCTATAGTGAGTCGTATTACGC
 TGGCAGCTGGAGCTCCCCCGGGCCATGGGTTAAGCGGGATATCACTCAGCATAATGCG

Single cutters listed by Site Order

227	DraIII	674	Sali	1476	EagI	1495	Ecl136II
328	Eco56I	684	ClaI	1476	Eco52I	1497	SacI
330	NaeI	689	HindIII	1476	NotI	1497	SstI
653	Asp718I	697	EcoRV	1476	XmaIII	1775	SapI
653	Acc65I	701	EcoRI	1486	Mlu113I	2307	AlwNI
657	KpnI	727	Bsp1407I	1488	SacII	2784	Eam1105I
663	ApaI	1464	XmaI	1488	SstII	2845	Eco31I
668	XhoI	1466	SrfI	1489	BstXI	3264	ScaI
670	SciI	1466	SmaI	1495	EcoICRI	3383	XmnI

Non Cutting Enzymes

AatII	AccIII	AflIII	AgeI	ApaBI	AscI
AsuII	AvrII	BalI	BamHI	BbeI	BbvII
BclI	BglIII	Bpu1102I	Bsc91I	BsmI	BspMI
BspMII	BstEII	Bsu36I	Csp45I	CspI	CvnI
Eco47III	Eco72I	EcoNI	EheI	EspI	FseI
HpaI	I-PpoI	MfeI	MluI	MscI	MstII
NarI	NcoI	NdeI	NheI	NruI	NsiI
PacI	PflMI	PinAI	PmaCI	PmeI	PstI
RleAI	SauI	SfiI	SgrAI	SnaBI	SpeI
SphI	SpI	SpoI	StuI	SunI	SwaI
Tth111I	XbaI				