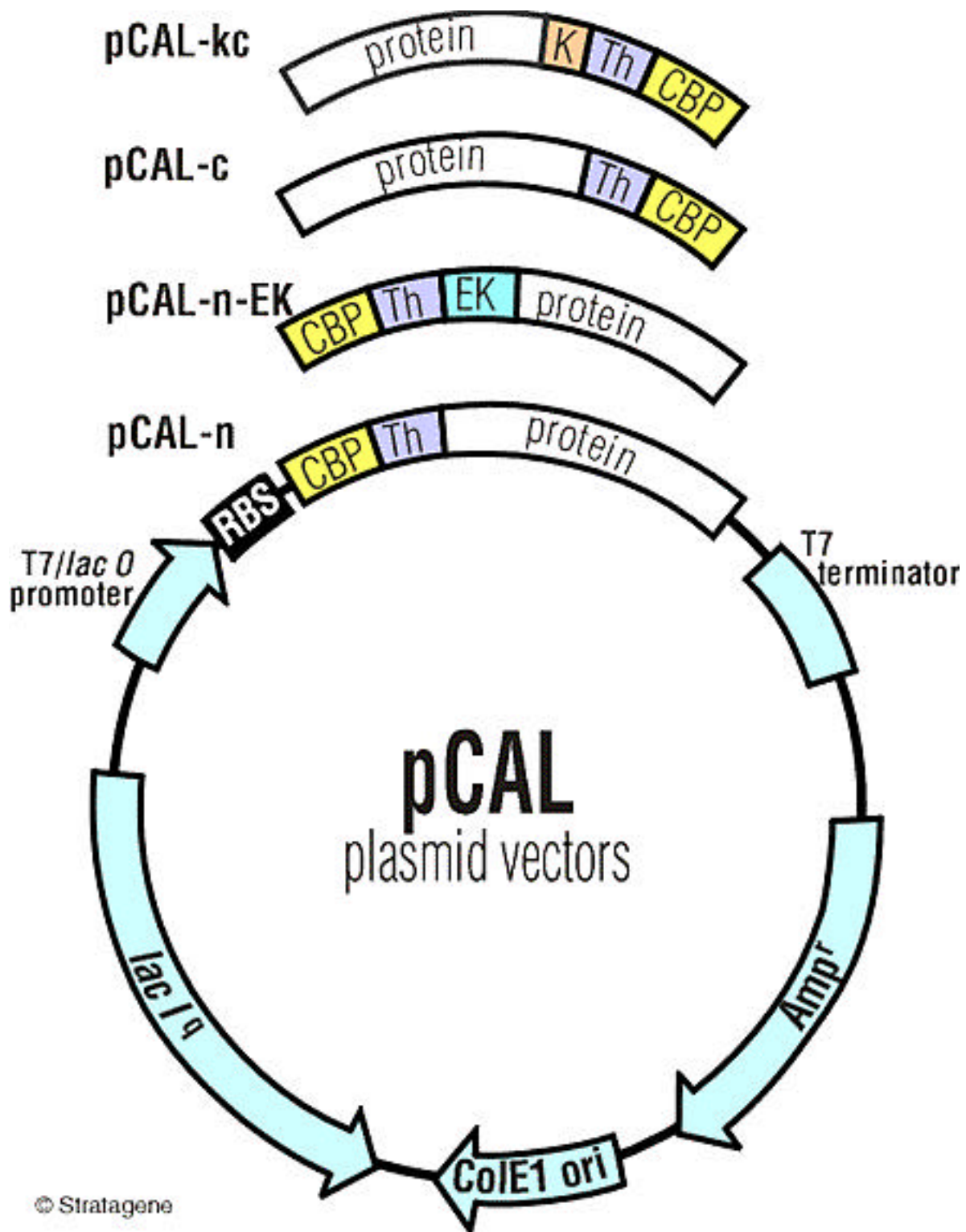


EMBL Protein Expression and Purification Facility



pCal-n

NheI

Calmodulin Binding Protein -->

CAT**ATGA**AGCGACGATGGAAAAAGAATTTTCATAGCCGTCTCAGCAGCCAACCGCTTTAAG
GTATACTTCGCTGCTACCTTTTTTCTTAAAGTATCGGCAGAGTCGTCGGTTGGCGAAATTC
METLysArgArgTrpLysLysAsnPheIleAlaValSerAlaAlaAsnArgPheLys

BamHI

EcoRI

Thrombin-site SmaI

AAAATCTCATCCTCCGGGGCACTTCTGGTTCCGCGT GGATCCCCGGGAATTCTAGACTCC
TTTTAGAGTAGGAGGCCCGTGAAGACCAAGGCGCA CCTAGGGGCCCTTAAGATCTGAGG
LysIleSerSerSerGlyAlaLeuleuValProArg | GlySerProGlyIleLeuAspSer

SalI

SacI

NcoI

XhoI

HindIII

ATGGGTCGACTCGAGCTCAAGCTTAGATCCGCC
TACCCAGCTGAGCTCGAGTTCGAATCTAGGCGG
METGlyArgLeuGluLeuLysLeuArgSerAla

Single Cutters Listed by Site Order

267	Bpu1102I	362	XmaI	1701	BssHII	3639	Tth111I
267	EspI	364	SmaI	1796	HpaI	3778	SapI
325	HindIII	367	BamHI	2358	XmaIII	4310	AlwNI
333	Ecl136II	464	NdeI	2358	EagI	4787	Eam1105I
333	EcoICRI	568	BglII	2358	Eco52I	4848	Eco31I
334	XhoI	609	SgrAI	2393	SpoI	5032	PstI
335	SacI	765	SphI	2393	NruI	5157	XorII
335	SstI	825	EcoNI	2473	BspMI	5157	PvuI
336	SciI	1290	MluI	2778	BsmI	5267	ScaI
339	SalI	1304	BclI	2865	BalI	5591	SspI
345	NcoI	1471	BstEII	2865	MscI	5709	AatII
357	EcoRI	1501	ApaI				

Non Cutting Enzymes

Acc65I	AflII	AgeI	AscI	Asp718I	AsuII
AvrII	Bsp1407I	Bsu36I	ClaI	Csp45I	CspI
CvnI	DraIII	Eco72I	FseI	I-PpoI	KpnI
MfeI	Mlu113I	MstII	NheI	NotI	NsiI
PacI	PinAI	PmaCI	PmeI	RleAI	SacII
SauI	SfiI	SnaBI	SpeI	SplI	SrfI
SstII	StuI	SunI	SwaI		