



## pProEx HTa

### RBS

### HIS-TAG

ACAGGAAACAGACC**ATG**TCGTACTACCATCACCATCACCATCACGATTACGATATCCCA  
TGTCCTTTGTCTGGTACCACATGATGGTAGTGGTAGTGGTAGTGGTAATGCTATAGGGT  
**Met**SerTyrTyrHisHisHisHisHisHisAspTyrAspIlePro

EheI BamHI

### TEV-site

NcoI

EcoRI

StuI

Sali

ACGACCGAAAACCTGTATTTTCAG GCGCC**ATG**GATCCGGAATTCAAAGGCCTACGTCTCGA  
TGCTGGCTTTTGGACATAAAAAGTC CCGCGGTACCTAGGCCTTAAGTTTCCGGATGCAGCT  
ThrThrGluAsnLeuTyrPheGln | GlyAla**Met**AspProGluPheLysGlyLeuArgArg

SstI SpeI NotI NspV XbaI PstI XhoI KpnI  
CGAGCTCAACTAGTGC GGCCGCTTTTCGAATCTAGAGCCTGCAGTCTCGAGGCATGCGGTA  
GCTCGAGTTGATCACGCCGCGCAAAGCTTAGATCTCGGACGTCAGAGCTCCGTACGCCAT  
ArgAlaGlnLeuValArgProLeuSerAspLeuGluProAlaValSerArgHisAlaVal

HindIII

CCAAGCTTGGCTGTTTTGGCGGATGAGAGAAGATTTTCAGCCTGATACAGA  
GGTTTCGAACCGACAAAACCGCCTACTCTCTTCTAAAAGTCGGACTATGTCT  
ProSerLeuAlaValLeuAlaAspGluArgArgPheSerAla\*\*\*

### Single Cutters Listed by Site Order

72	BspMI	377	Ecl136II	420	SciI	2753	SapI
210	CspI	379	SacI	430	Asp718I	3025	DraIII
337	NarI	379	SstI	430	Acc65I	3126	Eco56I
338	EheI	381	SpeI	434	KpnI	3128	NaeI
340	NcoI	389	EagI	436	HindIII	3572	NsiI
340	BbeI	389	Eco52I	593	RleAI	3591	PflMI
346	BamHI	389	XmaIII	1267	ScaI	3693	ApaBI
349	BspMII	389	NotI	1379	PvuI	4009	MluI
349	AccIII	398	AsuII	1379	XorII	4023	BclI
353	EcoRI	398	Csp45I	1525	MstI	4190	BstEII
363	StuI	403	XbaI	1748	Eam1105I	4220	ApaI
369	Sali	415	PstI	2227	AlwNI	4515	HpaI
377	EcoICRI	418	XhoI				

### Non Cutting Enzymes

AatII	AflIII	AgeI	AscI	AvrII	BalI	BglII
Bpu1102I	BsmI	Bsp1407I	Bsu36I	ClaI	CvnI	Eco47III
Eco72I	EcoNI	EspI	FseI	I-PpoI	MfeI	Mlu113I
MscI	MstII	NdeI	NheI	NruI	PacI	PinAI
PmaCI	PmeI	SacII	SauI	SfiI	SgrAI	SmaI
SnaBI	SplI	SpoI	SrfI	SstII	SunI	SwaI
XmaI						