

pET-46 Ek/LIC Restriction Sites

Enzyme	# Sites	Locations				
AccI	2	2492	5077			
AccII	5	455	881	1254	2937	4464
AfeI	2	3010	4723			
AflIII	2	2260	4124			
AhdI	1	655				
Alol	1	281				
AlwNI	1	1851				
Apal	1	3921				
ApaLI	4	1322	1946	2446	4144	
Asel	4	827	3382	3441	4869	
Aval	1	5020				
AvrII	1	5099				
BanI	8	201	603	3355	3485	4204
		4667	4781	4802		
BanII	4	171	3921	4734	4748	
BbeI	4	3489	4671	4785	4806	
BbsI	3	3142	3639	3978		
BceAI	5	215	1760	3640	4267	4607
BcgI	3	1194	2689	3804		
BciVI	3	1493	2062	3672		
BclI	1	4110				
BglI	1	775				
BlpI	1	5117				
BmeI580I	5	1326	1950	2450	3921	4148
BmrI	6	695	2526	3326	3966	4203
		4600				
BpmI	4	725	2739	3803	4292	
Bpu10I	1	3155				
BpuEI	6	1260	1636	1877	2175	3316
		5181				
BsaAI	3	242	2512	4980		
BsaBI	3	3067	4845	4855		
BsaHI	6	1192	3486	4169	4668	4782
		4803				
Bsal	1	716				
BsaWI	7	946	1907	2054	3071	3302
		3805	5194			
BsaXI	2	281	3456			
BseRI	1	5001				
BseYI	3	1956	3590	3725		
BsgI	3	3106	4079	4279		
BsiEI	5	1025	1174	1926	2350	3345
BsiHKAI	7	1241	1326	1950	2450	3274
		4148	4632			
BsmAI	7	716	1493	2619	3509	3896
		4022	4427			
BsmBI	2	2619	3509			
BsmFI	3	23	2989	4663		
Bsp1286I	11					
BspCNI	9	625	1144	1569	1978	2466
		3006	3168	3545	5109	
BspEI	2	3071	5194			
BspHI	4	1459	1491	1540	4726	
BsrBI	4	98	1497	2331	4899	
BsrDI	4	716	890	3717	4083	
BsrFI	5	137	735	4438	4805	4814
BssHII	1	3713				
BssSI	2	1319	2087			
BstAPI	1	4448				
BstEII	1	3942				
BstXI	3	4078	4201	4330		
BstYI	9	500	512	1280	1297	1608
		1619	3068	3348	4560	
BstZ17I	1	2493				
BtgI	2	4687	4955			
BtsI	4	1055	1075	3397	3765	
Clal	1	4849				
Dral	3	521	540	1232		
Drall	1	245				
DrdI	3	289	2158	2573		
EaeI	4	1043	3450	4684	4816	
EarI	3	1450	2377	4507		

Enzyme	# Sites	Locations				
EciI	4	798	2058	2204	4339	
Eco57I	2	1322	1718			
Eco57MI	6	725	1322	1718	2739	3803
		4292				
EcoNI	1	4592				
EcoO109I	3	3255	4692	5144		
FspI	1	877				
HaeII	13					
HincII	1	3622				
HpaI	1	3622				
KasI	4	3485	4667	4781	4802	
MluI	1	4124				
MsiI	10	907	1066	1425	2691	3082
		3277	3758	3788	4076	4982
NaeI	2	139	4816			
NarI	4	3486	4668	4782	4803	
NcoI	1	4955				
NgoMIV	2	137	4814			
NspI	4	2264	2631	2923	4657	
PacI	1	5095				
PciI	1	2260				
PfIMI	3	4549	4980	5067		
PfoI	2	2617	4556			
PmlI	1	4980				
PpiI	3	281	1287	1554		
PpuMI	1	3255				
PshAI	1	4997				
PsiI	1	370				
PspOMI	1	3917				
PvuI	1	1025				
PvuII	3	2673	3435	3528		
SapI	1	2377				
Scal	1	1135				
SfiI	5	19	896	1804	1995	4882
SfoI	4	3487	4669	4783	4804	
SgrAI	1	4805				
SmlI	7	1275	1615	1892	2154	3331
		5020	5160			
SphI	1	4657				
SspI	1	450				
StyI	3	4955	5099	5139		
TaqII	5	340	1003	1188	2364	3331
TatI	2	1133	2456			
TspGWI	4	1095	1437	2823	3141	
Tth111I	1	2518				
XbaI	1	4916				
XcmI	3	3739	3757	4273		
XhoI	1	5020				
XmnI	2	1254	2706			

Enzymes that do not cut pET-46 Ek/LIC:

AarI	AatII	Acc65I	AflII	AgeI
AleI	AscI	AsiSI	BaeI	BamHI
BbvCI	BfrBI	BglII	BmgBI	BmtI
BplI	BsiWI	BsmI	BspMI	BsrGI
BstBI	Bsu36I	EagI	EcoCRI	EcoRI
EcoRV	FalI	FseI	FspAI	HindIII
KpnI	MfeI	MscI	NdeI	NheI
Nott	NruI	NsiI	PmeI	PsiI
PstI	RsrII	SacI	SacII	SalI
SanDI	SbfI	SexAI	SfiI	SmaI
SnaBI	SpeI	SrfI	StuI	SwaI
XmaI	ZraI			