

pET-41a(+) Restriction Sites

Enzyme	# Sites	Locations				Enzyme	# Sites	Locations				Enzyme	# Sites	Locations			
AccI	2	196	3558			DpnI	23					SacI	1	393			
AcII	73					DraI	2	558	667			Sall	1	195			
AflIII	3	852	1924	3788		DraIII	1	5691				SapI	2	1012	3672		
AluI	25					DrdI	3	3481	3896	5646		Sau3AI	23				
AlwI	12					Dsal	3	255	390	1361		Sau96I	13				
Alw26I	6	1621	2026	2152	2539	EaeI	5	182	885	1232	1364	Scal	2	369	521		
		3429	5006					2598				ScrFI	22				
AlwNI	1	4204				EagI	1	182				SfaNI	24				
ApaI	1	2135				EarI	4	1012	1542	3672	4803	Sfcl	5	210	1166	4053	4244
ApaLI	3	1904	3602	4102		Eco47III	2	1329 3042						5910			
ApoI	7	235	331	2199	4603	Eco57I	1	4336				SgII	1	4990			
		4787	5493	5504		EcoNI	3	1083	1459	4902			1	1243			
AscI	1	216				EcoO109I	4	53	1059	1357 2794		SmaI	1	4864			
AvaI	2	174	4862			EcoRI	1	235				SpeI	1	424			
AvaII	4	597	2476	2794	3073	EcoRII	10	584	1647	1962	2502	SphI	1	1399			
AvrII	1	131						2559	3814	3935	3948	Sse8387I	1	214			
BamHI	1	241				EcoRV	1	251				Sspl	2	4915	5483		
BanI	9	295	380	1246	1267	FauI	17					StuI	1	226			
		1381	1844	2563	2693	Fnu4HI	40					StyI	4	57	131	221	255
		5728				FokI	13					Swal	1	667			
BanII	6	206	1308	1322	2135	HaeII	13					TaiI	16				
		4645	5766			HaeIII	24					TaqI	19				
BbsI	3	2070	2409	2906		HgaI	12					TfiI	8	2603	2838	3342	3763
BbvI	24					HhaI	46							4901	4957	5129	5220
BcgI	4	210	1032	2216	3399	HincII	2	197	2430			ThaI	38				
BcgI'	4	176	1066	2250	3365	HindIII	1	189				TseI	24				
BclI	2	656	1938			HinfI	18					Tsp45I	6	2105	3227	3440	3535
Bfal	10	70	132	425	1080	HpaI	1	2430						5137	5864		
		1133	2767	2802	4283	HphI	22					Tsp509I	29				
		4590	5842			KpnI	1	299				TspRI	11				
BglII	1	302				MaeIII	16					Tth111I	1	3533			
BpmI	3	1762	2251	3315		MbolI	15					VspI	6	139	1181	2609	2668
Bpu10I	2	2894	5007			MluI	1	1924						5189	5378		
Bpu1102I	1	80				MnlI	24					XbaI	1	1132			
BsaAI	2	3540	5691			MscI	1	887				XcmI	3	1780	2296	2314	
BsaBI	3	1197	1207	2985		MseI	31					XhoI	1	174			
BsaHI	5	1247	1268	1382	1881	MslI	7	1000	1976	2264	2294	XmnI	3	701	3346	5379	
		2564						2775	2970	3361			Enzymes that do not cut pET41a(+):				
BsaJI	12					MspI	28					AatII	AflII	AhdI	BglII	BsaI	BseRI
BsaWI	9	2	280	292	2243	MspA1I	10	84	344	392	1954	BspMI	Bsu36I	FseI	FspI	NheI	Pacl
		2746	2977	3994	4141			2524	2617	3379	3498	PmeI	PmlI	RsrII	SanDI	SexAI	StII
		5125				MunI	1	360				SnaBI	SrfI	SunI	UbaEI		
BsgI	4	810	1775	1975	2948	MwoI	36										
BsiEI	5	185	2709	3704	4128	NarI	4	1247	1268	1382	2564						
		4990				NciI	12										
BsiHKA1	7	175	206	1424	1908	NcoI	1	255									
		2782	3606	4106		NdeI	1	1094									
Bsil	28					NgoAIV	2	1234	5792								
BsmI	2	4874	4951			NialII	29										
BsmBI	3	2539	3429	5006		NialIV	22										
BsmFI	5	273	1103	1385	3059	NotI	1	182									
		5906				NruI	1	4647									
Bsp1286I	12					Nsil	2	4840	5106								
BspEI	2	2	2977			Nspl	5	856	1399	3133	3425						
BspLU11I	2	852	3788			NspV	2	329	695								
BsrI	20					PfIMI	3	321	1506	5253							
BsrBI	5	803	1153	3721	5389	PinAI	1	292									
		5835				PleI	10	255	1181	1473	1560						
BsrDI	2	1971	2337					2356	3682	4167	5222						
BsrFI	6	292	1234	1243	1610	PshAI	1	265									
		4944	5792			Psp1406I	3	1586	3113	5476							
BsrGI	1	229				Psp5II	1	2794									
BssHII	2	216	2335			PstI	1	214									
BssSI	1	3961				PvuI	1	4990									
Bst1107I	1	3559				PvuII	3	2524	2617	3379							
BstEII	1	2105				RcaI	3	1322	4508	5383							
BstXI	3	1726	1855	1978		RsaI	7	231	297	369	521						
BstYI	8	241	302	1488	2700			2071	3594	4825							
		2980	4429	4440	5239	SacI	1	206									
Cac8I	43																
ClaI	2	1201	4681														
CviJI	89																
Ddel	11																