

Enzyme Name	Sequence	Count	Cutting Position				
AatI	AGG!CCT	0					
AatII	GACGT!C	1	4034				
Acc65I	G!GTACC	0					
AccI	GT!MKAC	1	1991				
AccII	CG!CG	11	477	633	738	1820	1822
			1925	2266	2847	3177	3670
			4002				
AccIII	T!CCGGA	1	1197				
AciI	G!CGG	24	37	69	147	219	222
			354	393	432	639	1637
			1892	1931	1941	1983	2008
			2046	2145	2152	2173	2669
			2813	3457	3624	3953	
AciI	C!CGC	31	156	175	247	409	460
			475	550	616	733	736
			917	1179	1543	1799	1802
			2059	2085	2102	2264	2292
			2419	2438	2559	2804	3175
			3266	3503	3668	3745	3854
			4000				
AcyI	GR!CGYC	3	279	3649	4031		
AfaI	GT!AC	6	422	782	1080	1618	2027
			3592				
AflI	G!GWCC	2	3250	3472			
AflIII	C!TTAAG	0					
AflIII	A!CRYGT	1	2219				
AgeI	A!CCGGT	0					
AhaI	CC!SGG	7	803	921	1865	1900	2599
			3295	3646			
AhaII	GR!CGYC	3	279	3649	4031		
AhaIII	TTT!AAA	5	1121	1460	2978	2997	3689
AluI	AG!CT	27	211	450	456	609	651
			766	831	840	845	949
			953	973	982	1101	1230
			1701	1812	1861	1880	2161
			2387	2523	2780	3100	3301
			3401	3464			
Alw44I	G!TGCAC	3	2035	2533	3779		
AlwI	GGATCNNNN!	6	130	136	756	2868	2965
			3745				
AlwI	!NNNNNGATCC	7	123	858	2780	2866	2964
			3428	3749			
AlwNI	CAGNNN!CTG	1	2635				
AocI	CC!TNAGG	0					
AocII	GDGCH!C	10	233	272	506	573	719
			1672	2039	2537	3698	3783
Aor51HI	AGC!GCT	0					
AosI	TGC!GCA	1	3334				
AosII	GR!CGYC	3	279	3649	4031		
ApaI	GGGCC!C	1	719				
ApaLI	G!TGCAC	3	2035	2533	3779		
ApoI	R!AATTY	2	18	1201			
ApyI	CC!WGG	6	1378	1434	1682	2247	2368
			2381				
AquI	C!YCGRG	3	2	236	515		
AscI	GG!CGCGCC	0					

AseI	AT!TAAT	1	3284					
AsnI	AT!TAAT	1	3284					
Asp700I	GAANN!NNTTC	2	368	3711				
Asp718I	G!GTACC	0						
AspHI	GWGCW!C	6	272	573	2039	2537	3698	
			3783					
AspI	GACN!NNGTC	1	1966					
AsuI	G!GNCC	9	244	715	716	1743	3154	
			3233	3250	3472	4088		
AsuII	TT!CGAA	0						
AvaI	C!YCGRG	3	2	236	515			
AvaII	G!GWCC	2	3250	3472				
AvaIII	ATGCA!T	0						
AviII	TGC!GCA	1	3334					
AvrI	!CYCGRG	3	1	235	514			
AvrII	C!CTAGG	0						
AxyI	CC!TNAGG	0						
BalI	TGG!CCA	1	1468					
BamHI	G!GATCC	1	128					
BanI	G!GYRCC	7	185	230	278	341	503	
			1667	3060				
BanII	GRGCY!C	1	719					
BanIII	AT!CGAT	0						
BbeI	GGCGC!C	1	282					
BbiIII/AcyI	GR!CGYC	3	279	3649	4031			
BbrPI	CAC!GTG	2	313	445				
BbsI	!GTCTTC	1	4096					
BbsI	!GAAGAC	0						
BbvI	GCAGCNNNNNNNN!	8	564	618	1870	1967	2638	
			2641	2847	3541			
BbvI	!NNNNNNNNNNNGCTGC	7	426	1799	2111	2129	2548	
			3087	3150				
BbvII	GAAGACNN!	0						
BbvII	!NNNNNNGTCTTC	1	4090					
BcefI	ACGGCNNNNNNNNNN!	7	211	340	406	445	652	
			1127	2721				
BcefI	!NNNNNNNNNNNGCCGT	1	1553					
BcgI	!GCANNNNNNTCG	0						
BcgI	!CGANNNNNNTGC	1	3627					
BclI	T!GATCA	0						
BcnI	CC!SGG	7	803	921	1865	1900	2599	
			3295	3646				
BfaI	C!TAG	6	950	1698	1807	2714	2967	
			3302					
BfrI	C!TTAAG	0						
BglI	GCCNNNN!NGGC	1	3232					
BglII	A!GATCT	0						
BinI	!NNNNNGATCC	7	123	858	2780	2866	2964	
			3428	3749				
BinI	GGATCNNNN!	6	130	136	756	2868	2965	
			3745					
BlnI	C!CTAGG	0						
BmyI	GDGCH!C	10	233	272	506	573	719	
			1672	2039	2537	3698	3783	
BpmI	!CTCCAG	1	3196					
BpmI	!CTGGAG	1	1301					
Bpu1102I	GC!TNAGC	2	305	841				
BsaAI	YAC!GTR	3	313	445	1973			
BsaBI	GATNN!NNATC	2	127	594				

BsaHI	GR!CGYC	3	279	3649	4031			
BsaI	GGTCTCN!	0						
BsaI	!NNNNNGAGACC	1	3173					
BsaJI	C!CNNGG	11	159	516	564	582	654	
			801	1432	1433	1502	1681	
			2379					
BseAI	T!CCGGA	1	1197					
BsePI	!GCGCGC	0						
BsgI	!GTGCAG	0						
BsgI	!CTGCAC	3	373	439	574			
BsiEI	CGRY!CG	4	475	2559	3482	3631		
BsiWI	C!GTACG	0						
BsiYI	CCNNNNN!NNGG	12	241	242	316	466	739	
			742	1433	1870	2241	2259	
			2425	2704				
BslI	CCNNNNN!NNGG	12	241	242	316	466	739	
			742	1433	1870	2241	2259	
			2425	2704				
BsmAI	!GTCTC	2	1419	3943				
BsmAI	!GAGAC	2	1867	3178				
BsmI	GAATGCN!	2	1194	1601				
BsmI	G!CATTC	0						
Bsp1286I	GDGCH!C	10	233	272	506	573	719	
			1672	2039	2537	3698	3783	
BspDI	AT!CGAT	0						
BspEI	T!CCGGA	1	1197					
BspHI	T!CATGA	3	2939	3947	4052			
BspMI	ACCTGCNNNN!	2	309	582				
BspMI	!NNNNNNNNGCAGGT	0						
BspMII	T!CCGGA	1	1197					
BspWI	GCNNNNN!NNGC	20	34	144	183	228	276	
			483	615	624	639	648	
			837	955	979	1542	2043	
			2093	2158	2272	2844	3232	
BsrFI	R!CCGGY	5	182	470	506	815	3192	
BsrI	ACTGGN!	6	1008	1745	1999	2627	2640	
			3588					
BsrI	C!CAGT	8	867	1448	1966	2752	3158	
			3276	3319	3758			
BssHII	G!CGCGC	0						
Bst1107I	GTA!TAC	1	1992					
BstBI	TT!CGAA	0						
BstEII	G!GTNACC	0						
BstI	G!GATCC	1	128					
BstNI	CC!WGG	6	1378	1434	1682	2247	2368	
			2381					
BstPI	G!GTNACC	0						
BstUI	CG!CG	11	477	633	738	1820	1822	
			1925	2266	2847	3177	3670	
			4002					
BstXI	CCANNNNN!NTGG	0						
BstYI	R!GATCY	8	128	863	2860	2871	2957	
			2969	3737	3754			
Bsu36I	CC!TNAGG	0						
CbiI	TT!CGAA	0						
CcrI	C!TCGAG	1	2					
CelII	GC!TNAGC	2	305	841				
CfoI	GCG!C	17	281	633	686	1822	1925	
			1955	2096	2129	2399	2466	

			2566	2740	2849	3242	3335
			3672	4004			
Cfr10I	R!CCGGY	5	182	470	506	815	3192
Cfr13I	G!GNCC	9	244	715	716	1743	3154
			3233	3250	3472	4088	
Cfr9I	C!CCGGG	0					
CfrI	Y!GGCCR	3	472	1466	3500		
ClaI	AT!CGAT	0					
CpoI	CG!GWCCG	0					
Csp45I	TT!CGAA	0					
CspI	CG!GSCCG	0					
CviJI	RG!CY	73	150	211	246	294	309
			321	327	357	396	450
			456	470	474	510	609
			627	642	651	666	717
			766	831	840	845	949
			953	973	982	1101	1114
			1159	1230	1381	1426	1468
			1580	1701	1727	1745	1812
			1861	1880	1913	1958	1998
			2142	2161	2234	2245	2263
			2289	2387	2523	2528	2553
			2632	2697	2708	2751	2780
			3100	3143	3155	3196	3222
			3226	3235	3301	3391	3401
			3464	3502	4089		
CvnI	CC!TNAGG	0					
DdeI	C!TNAG	13	305	841	878	974	1422
			1728	1784	2029	2494	2903
			3069	3609	4035		
DpnI	GA!TC	22	124	130	167	482	530
			545	597	750	865	2787
			2862	2873	2881	2959	2971
			3076	3417	3435	3481	3739
			3756	3792			
DpnII	!GATC	22	122	128	165	480	528
			543	595	748	863	2785
			2860	2871	2879	2957	2969
			3074	3415	3433	3479	3737
			3754	3790			
DraI	TTT!AAA	5	1121	1460	2978	2997	3689
DraII	RG!GNCCY	3	715	716	4088		
DraIII	CACNNN!GTG	0					
DrdI	GACNNNN!NNGTC	2	1914	2327			
DsaI	C!CRYGG	5	159	564	582	654	1502
DsaV	!CCNGG	13	801	919	1376	1432	1680
			1863	1898	2245	2366	2379
			2597	3293	3644		
EaeI	Y!GGCCR	3	472	1466	3500		
EagI	C!GGCCG	1	472				
Eam1105I	GACNNN!NNGTC	1	3112				
EarI	!CTCTTC	2	2096	3900			
EarI	!GAAGAG	1	264				
Ecl136II	GAG!CTC	0					
EclXI	C!GGCCG	1	472				
Eco105I	TAC!GTA	0					
Eco31I	GGTTCN!	0					
Eco31I	!NNNNNGAGACC	1	3173				
Eco47I	G!GWCC	2	3250	3472			

Eco47III	AGC!GCT	0					
Eco52I	C!GGCCG	1	472				
Eco57I	!CTGAAG	1	2745				
Eco57I	!CTTCAG	4	288	450	621	3793	
Eco81I	CC!TNAGG	0					
EcoNI	CCTNN!NNNAGG	0					
EcoO109I	RG!GNCCY	3	715	716	4088		
EcoO65I	G!GTNACC	0					
EcoRI	G!AATTC	0					
EcoRII	!CCWGG	6	1376	1432	1680	2245	2366
			2379				
EcoRV	GAT!ATC	0					
EcoT14I	C!CWGGG	3	159	582	1502		
EcoT22I	ATGCA!T	0					
EcoT38I	GRGCY!C	1	719				
EheI	GGC!GCC	1	280				
Esp3I	CGTCTCN!	1	1425				
Esp3I	!NNNNNGAGACG	1	1862				
EspI	GC!TNAGC	2	305	841			
FbaI	T!GATCA	0					
FinI	!GTCCC	0					
FinI	!GGGAC	0					
Fnu4HI	GC!NGC	35	148	175	220	247	355
			394	433	440	475	553
			607	640	736	917	1543
			1802	1813	1859	1956	2009
			2125	2143	2146	2264	2419
			2562	2627	2630	2836	3101
			3164	3503	3530	3625	3854
FokI	GGATGNNNNNNNNN!	3	614	818	1907		
FokI	!NNNNNNNNNNNNNCATCC	7	533	674	686	1181	3078
			3259	3546			
FspI	TGC!GCA	1	3334				
GdiII	!NNNNNYGGCCG	2	466	3494			
GdiII	CGGCCRN!	1	478				
GsuI	!CTCCAG	1	3196				
GsuI	!CTGGAG	1	1301				
HaeI	WGG!CCW	5	1381	1468	2234	2245	2697
HaeII	RGCGC!Y	4	282	687	2097	2467	
HaeIII	GG!CC	18	150	246	470	474	717
			1114	1159	1381	1468	1745
			2234	2245	2263	2697	3155
			3235	3502	4089		
HapII	C!CGG	20	183	471	507	803	816
			920	1156	1198	1326	1865
			1899	2426	2573	2599	2789
			3193	3227	3294	3404	3646
HgaI	GACGCNNNNN!	2	2330	2908			
HgaI	!NNNNNNNNNNGCGTC	2	1914	3638			
HgiAI	GWGCW!C	6	272	573	2039	2537	3698
			3783				
HgiEII	!ACNNNNNNNGGT	2	2038	2799			
HhaI	GCG!C	17	281	633	686	1822	1925
			1955	2096	2129	2399	2466
			2566	2740	2849	3242	3335
			3672	4004			
HinI	GR!CGYC	3	279	3649	4031		
HinPI	G!CGC	17	279	631	684	1820	1923
			1953	2094	2127	2397	2464

			2564	2738	2847	3240	3333
			3670	4002			
HincII	GTY!RAC	0					
HindIII	A!AGCTT	1	829				
HinfI	G!ANTC	9	56	850	941	1551	1692
			2119	2194	2590	3107	
HpaI	GTT!AAC	0					
HpaII	C!CGG	20	183	471	507	803	816
			920	1156	1198	1326	1865
			1899	2426	2573	2599	2789
			3193	3227	3294	3404	3646
HphI	GGTGANNNNNNNN!	12	508	830	948	1237	1245
			1381	1449	1783	1841	1850
			3598	3839			
HphI	!NNNNNNNTCACC	10	172	526	604	1243	1437
			1491	2955	3182	3804	4093
KasI	G!GCGCC	1	278				
KpnI	GGTAC!C	0					
Ksp632I	CTCTTCN!	2	2103	3907			
Ksp632I	!NNNNGAAGAG	1	260				
KspI	CCGC!GG	0					
MaeI	C!TAG	6	950	1698	1807	2714	2967
			3302				
MaeII	A!CGT	9	312	444	1288	1463	1972
			2922	3338	3711	4031	
MaeIII	!GTNAC	12	1258	1363	1873	1968	2575
			2638	2754	3037	3368	3426
			3579	3767			
MamI	GATNN!NNATC	2	127	594			
MboI	!GATC	22	122	128	165	480	528
			543	595	748	863	2785
			2860	2871	2879	2957	2969
			3074	3415	3433	3479	3737
			3754	3790			
MboII	GAAGANNNNNNNN!	3	277	833	2881		
MboII	!NNNNNNNTCTTC	8	523	1476	2090	2952	3707
			3785	3894	4090		
McrI	!CGRYCG	4	471	2555	3478	3627	
MfeI	!CAATTG	1	59				
MflI	R!GATCY	8	128	863	2860	2871	2957
			2969	3737	3754		
MluI	A!CGCGT	0					
MmeI	!TCCRAC	2	2408	2592			
MmeI	!GTYGGA	0					
MnlI	CCTCNNNNNNN!	8	887	1826	1856	2118	2401
			3279	3485	11		
MnlI	!NNNNNNNGAGG	15	93	112	219	417	459
			510	735	738	1046	1697
			2326	2650	3050	3131	4078
MroI	T!CCGGA	1	1197				
MscI	TGG!CCA	1	1468				
MseI	T!TAA	18	96	110	833	1120	1459
			1601	1653	1674	2000	2925
			2977	2982	2996	3049	3284
			3323	3688	4060		
MspI	C!CGG	20	183	471	507	803	816
			920	1156	1198	1326	1865
			1899	2426	2573	2599	2789
			3193	3227	3294	3404	3646

MstI	TGC!GCA	1	3334					
MstII	CC!TNAGG	0						
MunI	C!AATTG	1	60					
MvaI	CC!WGG	6	1378 2381	1434	1682	2247	2368	
MvnI	CG!CG	11	477 1925 4002	633 2266	738 2847	1820 3177	1822 3670	
NaeI	GCC!GGC	1	472					
NarI	GG!CGCC	1	279					
NciI	CC!SGG	7	803 3295	921 3646	1865	1900	2599	
NcoI	C!CATGG	3	159	582	1502			
NdeI	CA!TATG	1	2042					
NdeII	!GATC	22	122 543 2860 3074 3754	128 595 2871 3415 3790	165 748 2879 3433	480 863 2957 3479	528 2785 2969 3737	
NgoMI	G!CCGGC	1	470					
NheI	G!CTAGC	1	949					
NlaIII	CATG!	19	163 1276 1963 3522	253 1506 2223 3558	586 1567 2943 3951	673 1588 3434 4056	724 1858 3444	
NlaIV	GGN!NCC	17	130 505 2251 3408	187 716 2290 3998	232 717 3062	280 718 3156	343 1669 3197	
NotI	GC!GGCCGC	0						
NruI	TCG!CGA	0						
NsiI	ATGCA!T	0						
Nsp(7524)I	RCATG!Y	3	673	1858	2223			
Nsp(7524)V	TT!CGAA	0						
NspBII	CMG!CKG	7	354 2806	1101 3747	1545	1931	2561	
NspII	GDGCH!C	10	233 1672	272 2039	506 2537	573 3698	719 3783	
NspIII	C!YCGRG	3	2	236	515			
NspIV	G!GNCC	9	244 3233	715 3250	716 3472	1743 4088	3154	
NunII	GG!CGCC	1	279					
PacI	TTAAT!TAA	0						
Paer71	C!TCGAG	1	2					
PalI	GG!CC	18	150 1114 2234 3235	246 1159 2245 3502	470 1381 2263 4089	474 1468 2697	717 1745 3155	
PflMI	CCANNNN!NTGG	2	316	1433				
PleI	GAGTCNNNN!	1	2598					
PleI	!NNNNNGACTC	4	844	1686	2113	3101		
PmaCI	CAC!GTG	2	313	445				
PmeI	GTTT!AAAC	0						
PmlI	CAC!GTG	2	313	445				
PpuMI	RG!GWCCY	0						
PshAI	GACNN!NNGTC	0						
PstI	CTGCA!G	1	708					
PvuI	CGAT!CG	1	3482					
PvuII	CAG!CTG	1	1101					

RmaI	C!TAG	6	950 3302	1698	1807	2714	2967
RsaI	GT!AC	6	422 3592	782	1080	1618	2027
RsrI	G!AATTC	0					
RsrII	CG!GWCCG	0					
SacI	GAGCT!C	0					
SacII	CCGC!GG	0					
SalI	G!TCGAC	0					
Sau3AI	!GATC	22	122 543 2860 3074 3754	128 595 2871 3415 3790	165 748 2879 3433	480 863 2957 3479	528 2785 2969 3737
Sau96I	G!GNCC	9	244 3233	715 3250	716 3472	1743 4088	3154
SauI	CC!TNAGG	0					
ScaI	AGT!ACT	2	1618	3592			
ScrFI	CC!NGG	13	803 1865 2599	921 1900 3295	1378 2247 3646	1434 2368	1682 2381
SduI	GDGCH!C	10	233 1672	272 2039	506 2537	573 3698	719 3783
SecI	C!CNNGG	11	159 801 2379	516 1432	564 1433	582 1502	654 1681
SexI	!CTCGAG	1	1				
SfaNI	GCATCNNNNN!	11	186 1717 3808	420 2020	708 2096	780 2316	1044 3368
SfaNI	!NNNNNNNNNGATGC	6	796 3559	802	1529	1885	2056
SfcI	C!TRYAG	5	646	704	2484	2675	3353
SfiI	GGCCNNNN!NGGCC	0					
SfuI	TT!CGAA	0					
SgrAI	CR!CCGGYG	0					
SinI	G!GWCC	2	3250	3472			
SmaI	CCC!GGG	0					
SnaBI	TAC!GTA	0					
SnaI	!GTATAC	1	1989				
SnoI	G!TGCAC	3	2035	2533	3779		
SpeI	A!CTAGT	0					
SphI	GCATG!C	0					
SplI	C!GTACG	0					
SrfI	GCCC!GGGC	0					
Sse8387I	CCTGCA!GG	0					
SspI	AAT!ATT	2	1513	3916			
SstI	GAGCT!C	0					
SstII	CCGC!GG	0					
SstIII	!ACGT	9	311 2921	443 3337	1287 3710	1462 4030	1971
StuI	AGG!CCT	0					
StyI	C!CWGG	3	159	582	1502		
StySJI	!GAGNNNNNGTRC	1	2016				
StySJI	!GYACNNNNNCTC	0					
SwaI	ATTT!AAAT	0					
TaqI	T!CGA	7	3 2319	168 3763	207	414	1733
TaqII	GACCGANNNNNNNNNN!	1	3645				

TaqII	!NNNNNNNNNTCGGTC	2	2121	3460				
TaqII	CACCCANNNNNNNNNN!	1	3798					
TaqII	!NNNNNNNNNTGGGTG	2	1425	3815				
TfiI	G!AWTC	4	56	941	1551	2194		
ThaI	CG!CG	11	477	633	738	1820	1822	
			1925	2266	2847	3177	3670	
			4002					
Tsp45I	!GTSAC	4	1873	1968	3368	3579		
TspEI	!AATT	13	18	45	60	77	89	
			107	834	1201	1606	1645	
			2979	3285	3540			
Tth111I	GACN!NNGTC	1	1966					
Tth111II	CAARCANNNNNNNNNN!	2	2809	2848				
Tth111III	!NNNNNNNNNTGYTTG	2	1753	2816				
TthHB8I	T!CGA	7	3	168	207	414	1733	
			2319	3763				
Van91I	CCANNNN!NTGG	2	316	1433				
VspI	AT!TAAT	1	3284					
XbaI	T!CTAGA	1	1806					
XcmI	!CCANNNNNNNNTCG	1	401					
XcyI	C!CCGGG	0						
XhoI	C!TCGAG	1	2					
XhoII	R!GATCY	8	128	863	2860	2871	2957	
			2969	3737	3754			
XmaI	C!CCGGG	0						
XmaIII	C!GGCCG	1	472					
XmnI	GAANN!NNTTC	2	368	3711				
XorII	CGAT!CG	1	3482					