

Enzyme Name	Sequence	Count	Cutting Position				
AatI	AGG!CCT	0					
AatII	GACGT!C	1	4037				
Acc65I	G!GTACC	0					
AccI	GT!MKAC	1	1994				
AccII	CG!CG	9	597	1823	1825	1928	2269
			2850	3180	3673	4005	
AccIII	T!CCGGA	1	1200				
AciI	G!CGG	21	37	69	276	429	597
			630	1640	1895	1934	1944
			1986	2011	2049	2148	2155
			2176	2672	2816	3460	3627
			3956				
AciI	C!CGC	31	441	513	547	667	681
			687	724	780	790	804
			920	1182	1546	1802	1805
			2062	2088	2105	2267	2295
			2422	2441	2562	2807	3178
			3269	3506	3671	3748	3857
			4003				
AcyI	GR!CGYC	3	801	3652	4034		
AfaI	GT!AC	9	323	347	482	575	773
			1083	1621	2030	3595	
AflI	G!GWCC	3	718	3253	3475		
AflIII	C!TTAAG	0					
AflIII	A!CRYGT	2	348	2222			
AgeI	A!CCGGT	0					
AhaI	CC!SGG	9	558	627	702	924	1868
			1903	2602	3298	3649	
AhaII	GR!CGYC	3	801	3652	4034		
AhaIII	TTT!AAA	5	1124	1463	2981	3000	3692
AluI	AG!CT	22	817	834	843	848	952
			956	976	985	1104	1233
			1704	1815	1864	1883	2164
			2390	2526	2783	3103	3304
			3404	3467			
Alw44I	G!TGCAC	3	2038	2536	3782		
AlwI	GGATCNNNN!	5	130	136	2871	2968	3748
AlwI	!NNNNNGATCC	8	123	487	861	2783	2869
			2967	3431	3752		
AlwNI	CAGNNN!CTG	2	607	2638			
AocI	CC!TNAGG	0					
AocII	GDGCH!C	9	185	245	558	626	1675
			2042	2540	3701	3786	
Aor51HI	AGC!GCT	0					
AosI	TGC!GCA	1	3337				
AosII	GR!CGYC	3	801	3652	4034		
ApaI	GGGCC!C	0					
ApaLI	G!TGCAC	3	2038	2536	3782		
ApoI	R!AATTY	2	18	1204			
ApyI	CC!WGG	12	248	400	449	461	476
			497	1381	1437	1685	2250
			2371	2384			
AquI	C!YCGRG	2	2	386			
AscI	GG!CGCGCC	0					
AseI	AT!TAAT	1	3287				
AsnI	AT!TAAT	1	3287				

Asp700I	GAANN!NNTTC	1	3714					
Asp718I	G!GTACC	0						
AspHI	GWGCW!C	4	2042	2540	3701	3786		
AspI	GACN!NNGTC	1	1969					
AsuI	G!GNCC	12	278	521	613	718	787	
			820	1746	3157	3236	3253	
			3475	4091				
AsuII	TT!CGAA	0						
AvaI	C!YCGRG	2	2	386				
AvaII	G!GWCC	3	718	3253	3475			
AvaIII	ATGCA!T	0						
AviII	TGC!GCA	1	3337					
AvrI	!CYCGRG	2	1	385				
AvrII	C!CTAGG	0						
AxyI	CC!TNAGG	0						
BalI	TGG!CCA	1	1471					
BamHI	G!GATCC	1	128					
BanI	G!GYRCC	5	182	242	636	1670	3063	
BanII	GRGCY!C	1	558					
BanIII	AT!CGAT	0						
BbeI	GGCGC!C	0						
BbiII/AcyI	GR!CGYC	3	801	3652	4034			
BbrPI	CAC!GTG	0						
BbsI	!GTCTTC	1	4099					
BbsI	!GAAGAC	0						
BbvI	GCAGCNNNNNNNN!	6	1873	1970	2641	2644	2850	
			3544					
BbvI	!NNNNNNNNNNNGCTGC	7	579	1802	2114	2132	2551	
			3090	3153				
BbvII	GAAGACNN!	0						
BbvII	!NNNNNNGTCTTC	1	4093					
BcefI	ACGGCNNNNNNNNNN!	8	208	340	442	481	535	
			601	1130	2724			
BcefI	!NNNNNNNNNNNGCCGT	2	768	1556				
BcgI	!GCANNNNNNTCG	1	227					
BcgI	!GCANNNNNNTGC	1	3630					
BclI	T!GATCA	0						
BcnI	CC!SGG	9	558	627	702	924	1868	
			1903	2602	3298	3649		
BfaI	C!TAG	6	953	1701	1810	2717	2970	
			3305					
BfrI	C!TTAAG	0						
BglI	GCCNNNN!NGGC	2	630	3235				
BglII	A!GATCT	0						
BinI	!NNNNNGATCC	8	123	487	861	2783	2869	
			2967	3431	3752			
BinI	GGATCNNNN!	5	130	136	2871	2968	3748	
BlnI	C!CTAGG	0						
BmyI	GDGCH!C	9	185	245	558	626	1675	
			2042	2540	3701	3786		
BpmI	!CTCCAG	1	3199					
BpmI	!CTGGAG	1	1304					
Bpu1102I	GC!TNAGC	1	844					
BsaAI	YAC!GTR	2	349	1976				
BsaBI	GATNN!NNATC	2	127	257				
BsaHI	GR!CGYC	3	801	3652	4034			
BsaI	GGTCTCN!	0						
BsaI	!NNNNNGAGACC	2	146	3176				
BsaJI	C!CNNGG	13	132	246	387	399	459	

			496	625	783	1435	1436
			1505	1684	2382		
BseAI	T!CCGGA	1	1200				
BsePI	!GCGCGC	0					
BsgI	!GTGCAG	0					
BsgI	!CTGCAC	1	652				
BsiEI	CGRY!CG	5	547	634	2562	3485	3634
BsiWI	C!GTACG	0					
BsiYI	CCNNNNN!NNGG	11	238	239	518	633	715
			1436	1873	2244	2262	2428
			2707				
BslI	CCNNNNN!NNGG	11	238	239	518	633	715
			1436	1873	2244	2262	2428
			2707				
BsmAI	!GTCTC	2	1422	3946			
BsmAI	!GAGAC	3	151	1870	3181		
BsmI	GAATGCN!	2	1197	1604			
BsmI	G!CATTC	0					
Bsp1286I	GDGCH!C	9	185	245	558	626	1675
			2042	2540	3701	3786	
BspDI	AT!CGAT	0					
BspEI	T!CCGGA	1	1200				
BspHI	T!CATGA	3	2942	3950	4055		
BspMI	ACCTGCNNNN!	2	653	660			
BspMI	!NNNNNNNNGCAGGT	0					
BspMII	T!CCGGA	1	1200				
BspWI	GCNNNNN!NNGC	16	34	207	324	594	630
			795	840	958	982	1545
			2046	2096	2161	2275	2847
			3235				
BsrFI	R!CCGGY	2	633	3195			
BsrI	ACTGGN!	6	1011	1748	2002	2630	2643
			3591				
BsrI	C!CAGT	9	601	870	1451	1969	2755
			3161	3279	3322	3761	
BssHII	G!CGCGC	0					
Bst1107I	GTA!TAC	1	1995				
BstBI	TT!CGAA	0					
BstEII	G!GTNACC	0					
BstI	G!GATCC	1	128				
BstNI	CC!WGG	12	248	400	449	461	476
			497	1381	1437	1685	2250
			2371	2384			
BstPI	G!GTNACC	0					
BstUI	CG!CG	9	597	1823	1825	1928	2269
			2850	3180	3673	4005	
BstXI	CCANNNNN!NTGG	0					
BstYI	R!GATCY	9	128	492	866	2863	2874
			2960	2972	3740	3757	
Bsu36I	CC!TNAGG	0					
CbiI	TT!CGAA	0					
CcrI	C!TCGAG	1	2				
CelII	GC!TNAGC	1	844				
CfoI	GCG!C	16	408	597	1825	1928	1958
			2099	2132	2402	2469	2569
			2743	2852	3245	3338	3675
			4007				
Cfr10I	R!CCGGY	2	633	3195			
Cfr13I	G!GNCC	12	278	521	613	718	787

			820	1746	3157	3236	3253
			3475	4091			
Cfr9I	C!CCGGG	0					
CfrI	Y!GGCCR	6	193	544	598	631	1469
			3503				
ClaI	AT!CGAT	0					
CpoI	CG!GWCCG	0					
Csp45I	TT!CGAA	0					
CspI	CG!GSCCG	0					
CviJI	RG!CY	70	137	195	279	327	393
			432	522	546	556	600
			614	633	679	705	779
			789	817	822	834	843
			848	952	956	976	985
			1104	1117	1162	1233	1384
			1429	1471	1583	1704	1730
			1748	1815	1864	1883	1916
			1961	2001	2145	2164	2237
			2248	2266	2292	2390	2526
			2531	2556	2635	2700	2711
			2754	2783	3103	3146	3158
			3199	3225	3229	3238	3304
			3394	3404	3467	3505	4092
CvnI	CC!TNAGG	0					
DdeI	C!TNAG	12	844	881	977	1425	1731
			1787	2032	2497	2906	3072
			3612	4038			
DpnI	GA!TC	21	124	130	260	269	494
			569	734	868	2790	2865
			2876	2884	2962	2974	3079
			3420	3438	3484	3742	3759
			3795				
DpnII	!GATC	21	122	128	258	267	492
			567	732	866	2788	2863
			2874	2882	2960	2972	3077
			3418	3436	3482	3740	3757
			3793				
DraI	TTT!AAA	5	1124	1463	2981	3000	3692
DraII	RG!GNCCY	1	4091				
DraIII	CACNNN!GTG	0					
DrdI	GACNNNN!NNGTC	2	1917	2330			
DsaI	C!CRYGG	3	132	783	1505		
DsaV	!CCNGG	21	246	398	447	459	474
			495	556	625	700	922
			1379	1435	1683	1866	1901
			2248	2369	2382	2600	3296
			3647				
EaeI	Y!GGCCR	6	193	544	598	631	1469
			3503				
EagI	C!GGCCG	2	544	631			
Eam1105I	GACNNN!NNGTC	1	3115				
EarI	!CTCTTC	2	2099	3903			
EarI	!GAAGAG	0					
Ecl136II	GAG!CTC	0					
EclXI	C!GGCCG	2	544	631			
Eco105I	TAC!GTA	0					
Eco31I	GGTCTCN!	0					
Eco31I	!NNNNNGAGACC	2	146	3176			
Eco47I	G!GWCC	3	718	3253	3475		

Eco47III	AGC!GCT	0						
Eco52I	C!GGCCG	2	544	631				
Eco57I	!CTGAAG	4	616	691	828	2748		
Eco57I	!CTTCAG	1	3796					
Eco81I	CC!TNAGG	0						
EcoNI	CCTNN!NNNAGG	0						
EcoO109I	RG!GNCCY	1	4091					
EcoO65I	G!GTNACC	0						
EcoRI	G!AATTC	0						
EcoRII	!CCWGG	12	246	398	447	459	474	
			495	1379	1435	1683	2248	
			2369	2382				
EcoRV	GAT!ATC	0						
EcoT14I	C!CWGGG	2	132	1505				
EcoT22I	ATGCA!T	0						
EcoT38I	GRGCY!C	1	558					
EheI	GGC!GCC	0						
Esp3I	CGTCTCN!	1	1428					
Esp3I	!NNNNNGAGACG	1	1865					
EspI	GC!TNAGC	1	844					
FbaI	T!GATCA	0						
FinI	!GTCCC	1	603					
FinI	!GGGAC	0						
Fnu4HI	GC!NGC	31	277	430	547	593	598	
			631	780	790	804	920	
			1546	1805	1816	1862	1959	
			2012	2128	2146	2149	2267	
			2422	2565	2630	2633	2839	
			3104	3167	3506	3533	3628	
			3857					
FokI	GGATGNNNNNNNNN!	1	1910					
FokI	!NNNNNNNNNNNNNCATCC	6	287	344	1184	3081	3262	
			3549					
FspI	TGC!GCA	1	3337					
GdiII	!NNNNNYGGCCG	3	538	625	3497			
GdiII	CGGCCRN!	4	199	550	604	637		
GsuI	!CTCCAG	1	3199					
GsuI	!CTGGAG	1	1304					
HaeI	WGG!CCW	6	137	1384	1471	2237	2248	
			2700					
HaeII	RGCGC!Y	2	2100	2470				
HaeIII	GG!CC	24	137	195	279	522	546	
			600	614	633	779	789	
			822	1117	1162	1384	1471	
			1748	2237	2248	2266	2700	
			3158	3238	3505	4092		
HapII	C!CGG	20	354	558	627	634	702	
			923	1159	1201	1329	1868	
			1902	2429	2576	2602	2792	
			3196	3230	3297	3407	3649	
HgaI	GACGCNNNNN!	3	809	2333	2911			
HgaI	!NNNNNNNNNNNGCGTC	2	1917	3641				
HgiAI	GWGCW!C	4	2042	2540	3701	3786		
HgiEII	!ACCNNNNNNGGT	2	2041	2802				
HhaI	GCG!C	16	408	597	1825	1928	1958	
			2099	2132	2402	2469	2569	
			2743	2852	3245	3338	3675	
			4007					
HinII	GR!CGYC	3	801	3652	4034			

HinPII	G!CGC	16	406	595	1823	1926	1956
			2097	2130	2400	2467	2567
			2741	2850	3243	3336	3673
			4005				
HincII	GTY!RAC	0					
HindIII	A!AGCTT	1	832				
HinfI	G!ANTC	9	56	853	944	1554	1695
			2122	2197	2593	3110	
HpaI	GTT!AAC	0					
HpaII	C!CGG	20	354	558	627	634	702
			923	1159	1201	1329	1868
			1902	2429	2576	2602	2792
			3196	3230	3297	3407	3649
HphI	GGTGANNNNNNNN!	12	277	499	951	1240	1248
			1384	1452	1786	1844	1853
			3601	3842			
HphI	!NNNNNNNTCACC	8	388	1246	1440	1494	2958
			3185	3807	4096		
KasI	G!GCGCC	0					
KpnI	GGTAC!C	0					
Ksp632I	CTCTTCN!	2	2106	3910			
Ksp632I	!NNNNGAAGAG	0					
KspI	CCGC!GG	0					
MaeI	C!TAG	6	953	1701	1810	2717	2970
			3305				
MaeII	A!CGT	8	348	1291	1466	1975	2925
			3341	3714	4034		
MaeIII	!GTNAC	13	500	1261	1366	1876	1971
			2578	2641	2757	3040	3371
			3429	3582	3770		
MamI	GATNN!NNATC	2	127	257			
MboI	!GATC	21	122	128	258	267	492
			567	732	866	2788	2863
			2874	2882	2960	2972	3077
			3418	3436	3482	3740	3757
			3793				
MboII	GAAGANNNNNNNN!	4	268	502	706	2884	
MboII	!NNNNNNNTCTTC	7	1479	2093	2955	3710	3788
			3897	4093			
McrI	!CGRYCG	5	543	630	2558	3481	3630
MfeI	!CAATTG	1	59				
MflI	R!GATCY	9	128	492	866	2863	2874
			2960	2972	3740	3757	
MluI	A!CGCGT	0					
MmeI	!TCCRAC	2	2411	2595			
MmeI	!GTYGGA	0					
MnlI	CCTCNNNNNNN!	13	148	322	466	694	820
			890	1829	1859	2121	2404
			3282	3488	11		
MnlI	!NNNNNNNGAGG	21	93	112	171	216	231
			255	264	381	414	570
			708	732	735	768	1049
			1700	2329	2653	3053	3134
			4081				
MroI	T!CCGGA	1	1200				
MscI	TGG!CCA	1	1471				
MseI	T!TAA	18	96	110	836	1123	1462
			1604	1656	1677	2003	2928
			2980	2985	2999	3052	3287

			3326	3691	4063		
MspI	C!CGG	20	354	558	627	634	702
			923	1159	1201	1329	1868
			1902	2429	2576	2602	2792
			3196	3230	3297	3407	3649
MstI	TGC!GCA	1	3337				
MstII	CC!TNAGG	0					
MunI	C!AATTG	1	60				
MvaI	CC!WGG	12	248	400	449	461	476
			497	1381	1437	1685	2250
			2371	2384			
MvnI	CG!CG	9	597	1823	1825	1928	2269
			2850	3180	3673	4005	
NaeI	GCC!GGC	1	635				
NarI	GG!CGCC	0					
NciI	CC!SGG	9	558	627	702	924	1868
			1903	2602	3298	3649	
NcoI	C!CATGG	2	132	1505			
NdeI	CA!TATG	1	2045				
NdeII	!GATC	21	122	128	258	267	492
			567	732	866	2788	2863
			2874	2882	2960	2972	3077
			3418	3436	3482	3740	3757
			3793				
NgoMI	G!CCGGC	1	633				
NheI	G!CTAGC	1	952				
NlaIII	CATG!	18	136	160	322	739	1279
			1509	1570	1591	1861	1966
			2226	2946	3437	3447	3525
			3561	3954	4059		
NlaIV	GGN!NCC	17	130	184	244	280	328
			523	555	562	638	1672
			2254	2293	3065	3159	3200
			3411	4001			
NotI	GC!GGCCGC	0					
NruI	TCG!CGA	0					
NsiI	ATGCA!T	0					
Nsp(7524)I	RCATG!Y	3	322	1861	2226		
Nsp(7524)V	TT!CGAA	0					
NspBII	CMG!CKG	7	549	1104	1548	1934	2564
			2809	3750			
NspII	GDGCH!C	9	185	245	558	626	1675
			2042	2540	3701	3786	
NspIII	C!YCGRG	2	2	386			
NspIV	G!GNCC	12	278	521	613	718	787
			820	1746	3157	3236	3253
			3475	4091			
NunII	GG!CGCC	0					
PacI	TTAAT!TAA	0					
Paer71	C!TCGAG	1	2				
PalI	GG!CC	24	137	195	279	522	546
			600	614	633	779	789
			822	1117	1162	1384	1471
			1748	2237	2248	2266	2700
			3158	3238	3505	4092	
PflMI	CCANNNN!NTGG	1	1436				
PleI	GAGTCNNNN!	1	2601				
PleI	!NNNNNGACTC	4	847	1689	2116	3104	
PmaCI	CAC!GTG	0					

PmeI	GTTT!AAAC	0						
PmlI	CAC!GTG	0						
PpuMI	RG!GWCCY	0						
PshAI	GACNN!NNGTC	0						
PstI	CTGCA!G	0						
PvuI	CGAT!CG	1	3485					
PvuII	CAG!CTG	1	1104					
RmaI	C!TAG	6	953 3305	1701	1810	2717	2970	
RsaI	GT!AC	9	323 1083	347 1621	482 2030	575 3595	773	
RsrI	G!AATTC	0						
RsrII	CG!GWCCG	0						
SacI	GAGCT!C	0						
SacII	CCGC!GG	0						
SalI	G!TCGAC	0						
Sau3AI	!GATC	21	122 567 2874 3418 3793	128 732 2882 3436	258 866 2960 3482	267 2788 2972 3740	492 2863 3077 3757	
Sau96I	G!GNCC	12	278 820 3475	521 1746 4091	613 3157	718 3236	787 3253	
SauI	CC!TNAGG	0						
ScaI	AGT!ACT	2	1621	3595				
ScrFI	CC!NGG	21	248 497 1381 2250 3649	400 558 1437 2371	449 627 1685 2384	461 702 1868 2602	476 924 1903 3298	
SduI	GDGCH!C	9	185 2042	245 2540	558 3701	626 3786	1675	
SecI	C!CNNGG	13	132 496 1505	246 625 1684	387 783 2382	399 1435	459 1436	
SexI	!CTCGAG	1	1					
SfaNI	GCATCNNNNN!	10	219 2023	366 2099	735 2319	1047 3371	1720 3811	
SfaNI	!NNNNNNNNNGATGC	6	519 3562	687	1532	1888	2059	
SfcI	C!TRYAG	3	2487	2678	3356			
SfiI	GGCCNNNN!NGGCC	0						
SfuI	TT!CGAA	0						
SgrAI	CR!CCGGYG	0						
SinI	G!GWCC	3	718	3253	3475			
SmaI	CCC!GGG	0						
SnaBI	TAC!GTA	0						
SnaI	!GTATAC	1	1992					
SnoI	G!TGCAC	3	2038	2536	3782			
SpeI	A!CTAGT	0						
SphI	GCATG!C	0						
SplI	C!GTACG	0						
SrfI	GCCC!GGGC	0						
Sse8387I	CCTGCA!GG	0						
SspI	AAT!ATT	2	1516	3919				
SstI	GAGCT!C	0						
SstII	CCGC!GG	0						
SstIII	!ACGT	8	347	1290	1465	1974	2924	

			3340	3713	4033		
StuI	AGG!CCT	0					
StyI	C!CWWGG	2	132	1505			
StySJI	!GAGNNNNNNGTRC	1	2019				
StySJI	!GYACNNNNNNNCTC	0					
SwaI	ATTT!AAAT	0					
TaqI	T!CGA	10	3	177	237	261	270
			714	729	1736	2322	3766
TaqII	GACCGANNNNNNNNNNN!	2	164	3648			
TaqII	!NNNNNNNNNTCGGTC	2	2124	3463			
TaqII	CACCCANNNNNNNNNNN!	2	260	3801			
TaqII	!NNNNNNNNNTGGGTG	2	1428	3818			
TfiI	G!AWTC	4	56	944	1554	2197	
ThaI	CG!CG	9	597	1823	1825	1928	2269
			2850	3180	3673	4005	
Tsp45I	!GTSAC	4	1876	1971	3371	3582	
TspEI	!AATT	13	18	45	60	77	89
			107	837	1204	1609	1648
			2982	3288	3543		
Tth111I	GACN!NNGTC	1	1969				
Tth111II	CAARCANNNNNNNNNNN!	4	389	782	2812	2851	
Tth111III	!NNNNNNNNNTGYTTG	2	1756	2819			
TthHB8I	T!CGA	10	3	177	237	261	270
			714	729	1736	2322	3766
Van91I	CCANNNN!NTGG	1	1436				
VspI	AT!TAAT	1	3287				
XbaI	T!CTAGA	1	1809				
XcmI	!CCANNNNNNNNNNTCG	0					
XcyI	C!CCGGG	0					
XhoI	C!TCGAG	1	2				
XhoII	R!GATCY	9	128	492	866	2863	2874
			2960	2972	3740	3757	
XmaI	C!CCGGG	0					
XmaIII	C!GGCCG	2	544	631			
XmnI	GAANN!NNTTC	1	3714				
XorII	CGAT!CG	1	3485				