

Enzyme Name	Sequence	Count	Cutting Position				
AatI	AGG!CCT	0					
AatII	GACGT!C	1	4059				
Acc65I	G!GTACC	0					
AccI	GT!MKAC	1	2016				
AccII	CG!CG	12	546	699	771	789	1845
			1847	1950	2291	2872	3202
			3695	4027			
AccIII	T!CCGGA	1	1222				
AciI	G!CGG	19	37	69	147	648	1662
			1917	1956	1966	2008	2033
			2071	2170	2177	2198	2694
			2838	3482	3649	3978	
AciI	C!CGC	28	153	355	418	496	639
			697	817	942	1204	1568
			1824	1827	2084	2110	2127
			2289	2317	2444	2463	2584
			2829	3200	3291	3528	3693
			3770	3879	4025		
AcyI	GR!CGYC	2	3674	4056			
AfaI	GT!AC	5	335	1105	1643	2052	3617
AflI	G!GWCC	2	3275	3497			
AflII	C!TTAAG	0					
AflIII	A!CRYGT	3	582	777	2244		
AgeI	A!CCGGT	0					
AhaI	CC!SGG	7	714	946	1890	1925	2624
			3320	3671			
AhaII	GR!CGYC	2	3674	4056			
AhaIII	TTT!AAA	5	1146	1485	3003	3022	3714
AluI	AG!CT	26	295	306	472	553	616
			856	865	870	974	978
			998	1007	1126	1255	1726
			1837	1886	1905	2186	2412
			2548	2805	3125	3326	3426
			3489				
Alw44I	G!TGCAC	4	269	2060	2558	3804	
AlwI	GGATCNNNN!	5	130	136	2893	2990	3770
AlwI	!NNNNNGATCC	9	123	322	703	883	2805
			2891	2989	3453	3774	
AlwNI	CAGNNN!CTG	1	2660				
AocI	CC!TNAGG	0					
AocII	GDGCH!C	8	273	345	816	1697	2064
			2562	3723	3808		
Aor51HI	AGC!GCT	0					
AosI	TGC!GCA	1	3359				
AosII	GR!CGYC	2	3674	4056			
ApaI	GGGCC!C	0					
ApaLI	G!TGCAC	4	269	2060	2558	3804	
ApoI	R!AATTY	2	18	1226			
ApyI	CC!WGG	7	386	1403	1459	1707	2272
			2393	2406			
AquI	C!YCGRG	2	2	398			
AscI	GG!CGCGCC	0					
AseI	AT!TAAT	1	3309				
AsnI	AT!TAAT	1	3309				
Asp700I	GAANN!NNTTC	1	3736				
Asp718I	G!GTACC	0					

AspHI	GWGCW!C	5	273	2064	2562	3723	3808
AspI	GACN!NNGTC	1	1991				
AsuI	G!GNCC	12	149	403	533	596	661
			716	1768	3179	3258	3275
			3497	4113			
AsuII	TT!CGAA	0					
AvaI	C!YCGRG	2	2	398			
AvaII	G!GWCC	2	3275	3497			
AvaIII	ATGCA!T	0					
AviII	TGC!GCA	1	3359				
AvrI	!CYCGRG	2	1	397			
AvrII	C!CTAGG	0					
AxyI	CC!TNAGG	0					
BalI	TGG!CCA	1	1493				
BamHI	G!GATCC	1	128				
BanI	G!GYRCC	3	443	1692	3085		
BanII	GRGCY!C	1	345				
BanIII	AT!CGAT	0					
BbeI	GGCGC!C	0					
BbiIII/AcyI	GR!CGYC	2	3674	4056			
BbrPI	CAC!GTG	1	778				
BbsI	!GTCTTC	1	4121				
BbsI	!GAAGAC	0					
BbvI	GCAGCNNNNNNN!	9	249	252	705	1895	1992
			2663	2666	2872	3566	
BbvI	!NNNNNNNNNNNGCTGC	7	282	1824	2136	2154	2573
			3112	3175			
BbvII	GAAGACNN!	0					
BbvII	!NNNNNNGTCTTC	1	4115				
BcefI	ACGGCNNNNNNNNNN!	14	211	223	250	271	352
			382	457	532	547	610
			661	706	1152	2746	
BcefI	!NNNNNNNNNNNGCCGT	3	261	591	1578		
BcgI	!GCANNNNNNTCG	0					
BcgI	!CGANNNNNNTGC	1	3652				
BclI	T!GATCA	0					
BcnI	CC!SGG	7	714	946	1890	1925	2624
			3320	3671			
BfaI	C!TAG	6	975	1723	1832	2739	2992
			3327				
BfrI	C!TTAAG	0					
BglI	GCCNNNN!NGGC	1	3257				
BglII	A!GATCT	0					
BinI	!NNNNNGATCC	9	123	322	703	883	2805
			2891	2989	3453	3774	
BinI	GGATCNNNN!	5	130	136	2893	2990	3770
BlnI	C!CTAGG	0					
BmyI	GDGCH!C	8	273	345	816	1697	2064
			2562	3723	3808		
BpmI	!CTCCAG	1	3221				
BpmI	!CTGGAG	1	1326				
Bpu1102I	GC!TNAGC	1	866				
BsaAI	YAC!GTR	2	778	1998			
BsaBI	GATNN!NNATC	1	127				
BsaHI	GR!CGYC	2	3674	4056			
BsaI	GGTCTCN!	0					
BsaI	!NNNNNGAGACC	3	278	569	3198		
BsaJI	C!CNNGG	11	132	253	384	399	592
			712	1457	1458	1527	1706

			2404					
BseAI	T!CCGGA	1	1222					
BsePI	!GCGCGC	0						
BsgI	!GTGCAG	0						
BsgI	!CTGCAC	0						
BsiEI	CGRY!CG	4	418	2584	3507	3656		
BsiWI	C!GTACG	0						
BsiYI	CCNNNNN!NNGG	10	306	556	658	790	1458	
			1895	2266	2284	2450	2729	
BslI	CCNNNNN!NNGG	10	306	556	658	790	1458	
			1895	2266	2284	2450	2729	
BsmAI	!GTCTC	2	1444	3968				
BsmAI	!GAGAC	4	283	574	1892	3203		
BsmI	GAATGCN!	2	1219	1626				
BsmI	G!CATTC	0						
Bsp1286I	GDGCH!C	8	273	345	816	1697	2064	
			2562	3723	3808			
BspDI	AT!CGAT	0						
BspEI	T!CCGGA	1	1222					
BspHI	T!CATGA	3	2964	3972	4077			
BspMI	ACCTGCNNNN!	1	491					
BspMI	!NNNNNNNNGCAGGT	0						
BspMII	T!CCGGA	1	1222					
BspWI	GCNNNNN!NNGC	19	34	288	417	426	492	
			550	768	816	825	862	
			980	1004	1567	2068	2118	
			2183	2297	2869	3257		
BsrFI	R!CCGGY	2	287	3217				
BsrI	ACTGGN!	6	1033	1770	2024	2652	2665	
			3613					
BsrI	C!CAGT	9	331	892	1473	1991	2777	
			3183	3301	3344	3783		
BssHII	G!CGCGC	0						
Bst1107I	GTA!TAC	1	2017					
BstBI	TT!CGAA	0						
BstEII	G!GTNACC	0						
BstI	G!GATCC	1	128					
BstNI	CC!WGG	7	386	1403	1459	1707	2272	
			2393	2406				
BstPI	G!GTNACC	0						
BstUI	CG!CG	12	546	699	771	789	1845	
			1847	1950	2291	2872	3202	
			3695	4027				
BstXI	CCANNNNN!NTGG	0						
BstYI	R!GATCY	9	128	708	888	2885	2896	
			2982	2994	3762	3779		
Bsu36I	CC!TNAGG	0						
CbiI	TT!CGAA	0						
CcrI	C!TCGAG	1	2					
CelII	GC!TNAGC	1	866					
CfoI	GCG!C	21	429	546	612	701	771	
			789	830	1847	1950	1980	
			2121	2154	2424	2491	2591	
			2765	2874	3267	3360	3697	
			4029					
Cfr10I	R!CCGGY	2	287	3217				
Cfr13I	G!GNCC	12	149	403	533	596	661	
			716	1768	3179	3258	3275	
			3497	4113				

Cfr9I	C!CCGGG	0						
CfrI	Y!GGCCR	4	208	228	1491	3525		
ClaI	AT!CGAT	0						
CpoI	CG!GWCCG	0						
Csp45I	TT!CGAA	0						
CspI	CG!GSCCG	0						
CviJI	RG!CY	77	150	210	230	295	306	
			313	343	375	405	456	
			472	495	519	526	534	
			553	597	616	620	630	
			651	663	696	717	797	
			856	865	870	974	978	
			998	1007	1126	1139	1184	
			1255	1406	1451	1493	1605	
			1726	1752	1770	1837	1886	
			1905	1938	1983	2023	2167	
			2186	2259	2270	2288	2314	
			2412	2548	2553	2578	2657	
			2722	2733	2776	2805	3125	
			3168	3180	3221	3247	3251	
			3260	3326	3416	3426	3489	
			3527	4114				
CvnI	CC!TNAGG	0						
DdeI	C!TNAG	13	407	866	903	999	1447	
			1753	1809	2054	2519	2928	
			3094	3634	4060			
DpnI	GA!TC	18	124	130	329	710	890	
			2812	2887	2898	2906	2984	
			2996	3101	3442	3460	3506	
			3764	3781	3817			
DpnII	!GATC	18	122	128	327	708	888	
			2810	2885	2896	2904	2982	
			2994	3099	3440	3458	3504	
			3762	3779	3815			
DraI	TTT!AAA	5	1146	1485	3003	3022	3714	
DraII	RG!GNCCY	2	403	4113				
DraIII	CACNNN!GTG	3	277	727	811			
DrdI	GACNNNN!NNGTC	2	1939	2352				
DsaI	C!CRYGG	4	132	253	592	1527		
DsaV	!CCNGG	14	384	712	944	1401	1457	
			1705	1888	1923	2270	2391	
			2404	2622	3318	3669		
EaeI	Y!GGCCR	4	208	228	1491	3525		
EagI	C!GGCCG	0						
Eam1105I	GACNNN!NNGTC	1	3137					
EarI	!CTCTTC	2	2121	3925				
EarI	!GAAGAG	0						
Ecl136II	GAG!CTC	0						
EclXI	C!GGCCG	0						
Eco105I	TAC!GTA	0						
Eco31I	GGTCTCN!	0						
Eco31I	!NNNNNGAGACC	3	278	569	3198			
Eco47I	G!GWCC	2	3275	3497				
Eco47III	AGC!GCT	0						
Eco52I	C!GGCCG	0						
Eco57I	!CTGAAG	1	2770					
Eco57I	!CTTCAG	1	3818					
Eco81I	CC!TNAGG	0						
EcoNI	CCTNN!NNNAGG	0						

EcoO109I	RG!GNCCY	2	403	4113				
EcoO65I	G!GTNACC	0						
EcoRI	G!AATTC	0						
EcoRII	!CCWGG	7	384	1401	1457	1705	2270	
			2391	2404				
EcoRV	GAT!ATC	0						
EcoT14I	C!CWGG	2	132	1527				
EcoT22I	ATGCA!T	0						
EcoT38I	GRGCY!C	1	345					
EheI	GGC!GCC	0						
Esp3I	CGTCTCN!	1	1450					
Esp3I	!NNNNNGAGACG	1	1887					
EspI	GC!TNAGC	1	866					
FbaI	T!GATCA	0						
FinI	!GTCCC	0						
FinI	!GGGAC	1	752					
Fnu4HI	GC!NGC	30	148	238	241	296	496	
			649	694	697	942	1568	
			1827	1838	1884	1981	2034	
			2150	2168	2171	2289	2444	
			2587	2652	2655	2861	3126	
			3189	3528	3555	3650	3879	
FokI	GGATGNNNNNNNN!	1	1932					
FokI	!NNNNNNNNNNNNNCATCC	5	548	1206	3103	3284	3571	
FspI	TGC!GCA	1	3359					
GdiII	!NNNNNYGGCCG	2	222	3519				
GdiII	CGGCCRN!	1	214					
GsuI	!CTCCAG	1	3221					
GsuI	!CTGGAG	1	1326					
HaeI	WGG!CCW	7	620	797	1406	1493	2259	
			2270	2722				
HaeII	RGCGC!Y	3	831	2122	2492			
HaeIII	GG!CC	24	150	210	230	405	534	
			597	620	651	663	717	
			797	1139	1184	1406	1493	
			1770	2259	2270	2288	2722	
			3180	3260	3527	4114		
HapII	C!CGG	17	288	714	945	1181	1223	
			1351	1890	1924	2451	2598	
			2624	2814	3218	3252	3319	
			3429	3671				
HgaI	GACGCNNNNN!	2	2355	2933				
HgaI	!NNNNNNNNNNNGCGTC	2	1939	3663				
HgiAI	GWGCW!C	5	273	2064	2562	3723	3808	
HgiEII	!ACCNNNNNNNGGT	2	2063	2824				
HhaI	GCG!C	21	429	546	612	701	771	
			789	830	1847	1950	1980	
			2121	2154	2424	2491	2591	
			2765	2874	3267	3360	3697	
			4029					
Hin1I	GR!CGYC	2	3674	4056				
HinP1I	G!CGC	21	427	544	610	699	769	
			787	828	1845	1948	1978	
			2119	2152	2422	2489	2589	
			2763	2872	3265	3358	3695	
			4027					
HincII	GTY!RAC	0						
HindIII	A!AGCTT	1	854					
HinfI	G!ANTC	9	56	875	966	1576	1717	

			2144	2219	2615	3132	
HpaI	GTT!AAC	0					
HpaII	C!CGG	17	288	714	945	1181	1223
			1351	1890	1924	2451	2598
			2624	2814	3218	3252	3319
			3429	3671			
HphI	GGTGANNNNNNNN!	12	214	502	973	1262	1270
			1406	1474	1808	1866	1875
			3623	3864			
HphI	!NNNNNNNTCACC	12	211	493	625	730	814
			1268	1462	1516	2980	3207
			3829	4118			
KasI	G!GCGCC	0					
KpnI	GGTAC!C	0					
Ksp632I	CTCTTCN!	2	2128	3932			
Ksp632I	!NNNNGAAGAG	0					
KspI	CCGC!GG	0					
MaeI	C!TAG	6	975	1723	1832	2739	2992
			3327				
MaeII	A!CGT	9	267	777	1313	1488	1997
			2947	3363	3736	4056	
MaeIII	!GTNAC	13	727	1283	1388	1898	1993
			2600	2663	2779	3062	3393
			3451	3604	3792		
MamI	GATNN!NNATC	1	127				
MboI	!GATC	18	122	128	327	708	888
			2810	2885	2896	2904	2982
			2994	3099	3440	3458	3504
			3762	3779	3815		
MboII	GAAGANNNNNNNN!	1	2906				
MboII	!NNNNNNNTCTTC	9	178	340	1501	2115	2977
			3732	3810	3919	4115	
McrI	!CGRYCG	4	414	2580	3503	3652	
MfeI	!CAATTG	1	59				
MflI	R!GATCY	9	128	708	888	2885	2896
			2982	2994	3762	3779	
MluI	A!CGCGT	0					
MmeI	!TCCRAC	2	2433	2617			
MmeI	!GTYGGA	0					
MnlI	CCTCNNNNNNN!	8	912	1851	1881	2143	2426
			3304	3510	11		
MnlI	!NNNNNNNGAGG	15	93	112	135	192	393
			743	783	837	1071	1722
			2351	2675	3075	3156	4103
MroI	T!CCGGA	1	1222				
MscI	TGG!CCA	1	1493				
MseI	T!TAA	18	96	110	858	1145	1484
			1626	1678	1699	2025	2950
			3002	3007	3021	3074	3309
			3348	3713	4085		
MspI	C!CGG	17	288	714	945	1181	1223
			1351	1890	1924	2451	2598
			2624	2814	3218	3252	3319
			3429	3671			
MstI	TGC!GCA	1	3359				
MstII	CC!TNAGG	0					
MunI	C!AATTG	1	60				
MvaI	CC!WGG	7	386	1403	1459	1707	2272
			2393	2406			

MvnI	CG!CG	12	546	699	771	789	1845
			1847	1950	2291	2872	3202
			3695	4027			
NaeI	GCC!GGC	0					
NarI	GG!CGCC	0					
NciI	CC!SGG	7	714	946	1890	1925	2624
			3320	3671			
NcoI	C!CATGG	2	132	1527			
NdeI	CA!TATG	1	2067				
NdeII	!GATC	18	122	128	327	708	888
			2810	2885	2896	2904	2982
			2994	3099	3440	3458	3504
			3762	3779	3815		
NgoMI	G!CCGGC	0					
NheI	G!CTAGC	1	974				
NlaIII	CATG!	20	136	175	304	451	544
			586	1301	1531	1592	1613
			1883	1988	2248	2968	3459
			3469	3547	3583	3976	4081
NlaIV	GGN!NCC	13	130	151	445	535	598
			1694	2276	2315	3087	3181
			3222	3433	4023		
NotI	GC!GGCCGC	0					
NruI	TCG!CGA	0					
NsiI	ATGCA!T	0					
Nsp(7524)I	RCATG!Y	3	586	1883	2248		
Nsp(7524)V	TT!CGAA	0					
NspBII	CMG!CKG	8	553	616	1126	1570	1956
			2586	2831	3772		
NspII	GDGCH!C	8	273	345	816	1697	2064
			2562	3723	3808		
NspIII	C!YCGRG	2	2	398			
NspIV	G!GNCC	12	149	403	533	596	661
			716	1768	3179	3258	3275
			3497	4113			
NunII	GG!CGCC	0					
PacI	TTAAT!TAA	0					
Paer71	C!TCGAG	1	2				
PalI	GG!CC	24	150	210	230	405	534
			597	620	651	663	717
			797	1139	1184	1406	1493
			1770	2259	2270	2288	2722
			3180	3260	3527	4114	
PflMI	CCANNNN!NTGG	3	306	556	1458		
PleI	GAGTCNNNN!	1	2623				
PleI	!NNNNNGACTC	4	869	1711	2138	3126	
PmaCI	CAC!GTG	1	778				
PmeI	GTTT!AAAC	0					
PmlI	CAC!GTG	1	778				
PpuMI	RG!GWCCY	0					
PshAI	GACNN!NNGTC	0					
PstI	CTGCA!G	0					
PvuI	CGAT!CG	1	3507				
PvuII	CAG!CTG	3	553	616	1126		
RmaI	C!TAG	6	975	1723	1832	2739	2992
			3327				
RsaI	GT!AC	5	335	1105	1643	2052	3617
RsrI	G!AATTC	0					
RsrII	CG!GWCCG	0					

SacI	GAGCT!C	0						
SacII	CCGC!GG	0						
SalI	G!TCGAC	0						
Sau3AI	!GATC	18	122	128	327	708	888	
			2810	2885	2896	2904	2982	
			2994	3099	3440	3458	3504	
			3762	3779	3815			
Sau96I	G!GNCC	12	149	403	533	596	661	
			716	1768	3179	3258	3275	
			3497	4113				
SauI	CC!TNAGG	0						
ScaI	AGT!ACT	2	1643	3617				
ScrFI	CC!NGG	14	386	714	946	1403	1459	
			1707	1890	1925	2272	2393	
			2406	2624	3320	3671		
SduI	GDGCH!C	8	273	345	816	1697	2064	
			2562	3723	3808			
SecI	C!CNNGG	11	132	253	384	399	592	
			712	1457	1458	1527	1706	
			2404					
SexI	!CTCGAG	1	1					
SfaNI	GCATCNNNNN!	11	378	420	507	828	1069	
			1742	2045	2121	2341	3393	
			3833					
SfaNI	!NNNNNNNNNGATGC	4	1554	1910	2081	3584		
SfcI	C!TRYAG	3	2509	2700	3378			
SfiI	GGCCNNNN!NGGCC	0						
SfuI	TT!CGAA	0						
SgrAI	CR!CCGGYG	0						
SinI	G!GWCC	2	3275	3497				
SmaI	CCC!GGG	0						
SnaBI	TAC!GTA	0						
SnaI	!GTATAC	1	2014					
SnoI	G!TGCAC	4	269	2060	2558	3804		
SpeI	A!CTAGT	0						
SphI	GCATG!C	0						
SplI	C!GTACG	0						
SrfI	GCCC!GGGC	0						
Sse8387I	CCTGCA!GG	0						
SspI	AAT!ATT	2	1538	3941				
SstI	GAGCT!C	0						
SstII	CCGC!GG	0						
SstIII	!ACGT	9	266	776	1312	1487	1996	
			2946	3362	3735	4055		
StuI	AGG!CCT	0						
StyI	C!CWWGG	2	132	1527				
StySJI	!GAGNNNNNNGTRC	1	2041					
StySJI	!GYACNNNNNNCTC	0						
SwaI	ATTT!AAAT	0						
TaqI	T!CGA	9	3	192	414	432	669	
			705	1758	2344	3788		
TaqII	GACCGANNNNNNNNNNN!	1	3670					
TaqII	!NNNNNNNNNTCGGTC	2	2146	3485				
TaqII	CACCCANNNNNNNNNNN!	1	3823					
TaqII	!NNNNNNNNNTGGGTG	2	1450	3840				
TfiI	G!AWTC	4	56	966	1576	2219		
ThaI	CG!CG	12	546	699	771	789	1845	
			1847	1950	2291	2872	3202	
			3695	4027				

Tsp45I	!GTSAC	5	727	1898	1993	3393	3604
TspEI	!AATT	13	18	45	60	77	89
			107	859	1226	1631	1670
			3004	3310	3565		
Tth111I	GACN!NNGTC	1	1991				
Tth111II	CAARCANNNNNNNNNNN!	3	758	2834	2873		
Tth111III	!NNNNNNNNNTGYTTG	2	1778	2841			
TthHB8I	T!CGA	9	3	192	414	432	669
			705	1758	2344	3788	
Van91I	CCANNNN!NTGG	3	306	556	1458		
VspI	AT!TAAT	1	3309				
XbaI	T!CTAGA	1	1831				
XcmI	!CCANNNNNNNNTCG	0					
XcyI	C!CCGGG	0					
XhoI	C!TCGAG	1	2				
XhoII	R!GATCY	9	128	708	888	2885	2896
			2982	2994	3762	3779	
XmaI	C!CCGGG	0					
XmaIII	C!GGCCG	0					
XmnI	GAANN!NNTTC	1	3736				
XorII	CGAT!CG	1	3507				