

ApaI	GGGCC!C	1	1388					
ApaLI	G!TGCAC	2	680	4360				
ApoI	R!AATTY	4	1360	1570	1674	1685		
ApyI	CC!WGG	19	91	284	784	794	896	
			971	1025	1097	1178	1277	
			2292	2347	2364	3143	3722	
			3825	4515	4528	4649		
AquI	C!YCGRG	3	881	1344	1387			
AscI	GG!CGCGCC	0						
AseI	AT!TAAT	1	8					
AsnI	AT!TAAT	1	8					
Asp700I	GAANN!NNTTC	1	860					
Asp718I	G!GTACC	1	1376					
AspHI	GWGCW!C	6	684	1275	1351	2869	3059	
			4364					
AspI	GACN!NNGTC	1	2874					
AsuI	G!GNCC	15	84	277	786	1027	1187	
			1243	1255	1384	1385	1863	
			3272	3717	3763	3821	3854	
AsuII	TT!CGAA	2	1358	3438				
AvaI	C!YCGRG	3	881	1344	1387			
AvaII	G!GWCC	3	1243	3272	3717			
AvaIII	ATGCA!T	3	2328	2400	4731			
AviII	TGC!GCA	1	2858					
AvrI	!CYCGRG	3	880	1343	1386			
AvrII	C!CTAGG	2	2578	3593				
AxyI	CC!TNAGG	2	2236	3868				
BalI	TGG!CCA	1	2838					
BamHI	G!GATCC	1	1391					
BanI	G!GYRCC	5	466	1376	1909	2755	2790	
BanII	GRGCY!C	5	1351	1388	1947	3121	3831	
BanIII	AT!CGAT	1	2596					
BbeI	GGCGC!C	1	2759					
BbiIII/AcyI	GR!CGYC	8	123	176	259	445	723	
			2756	3458	3537			
BbrPI	CAC!GTG	0						
BbsI	!GTCTTC	0						
BbsI	!GAAGAC	0						
BbvI	GCAGCNNNNNNNN!	8	1156	1308	1544	2829	2871	
			3392	3845	4345			
BbvI	!NNNNNNNNNNNGCTGC	8	759	2038	2703	2887	2980	
			4046	4252	4255			
BbvII	GAAGACNN!	0						
BbvII	!NNNNNNGTCTTC	0						
BcefI	ACGGCNNNNNNNNNN!	11	688	700	748	829	940	
			1030	1108	1201	1324	3182	
			3669					
BcefI	!NNNNNNNNNNNNGCCGT	3	1898	2716	4175			
BcgI	!GCANNNNNNTCG	0						
BcgI	!CGANNNNNNTGC	0						
BclI	T!GATCA	1	1413					
BcnI	CC!SGG	6	1388	1389	2760	2920	3533	
			4297					
BfaI	C!TAG	8	593	1404	1605	2023	2579	
			3594	3928	4181			
BfrI	C!TTAAG	0						
BglI	GCCNNNN!NGGC	4	91	213	284	2531		
BglII	A!GATCT	1	1340					
BinI	!NNNNNGATCC	7	581	1192	1386	3000	3544	

			3931	4028				
BinI	GGATCNNNN!	9	1399	1408	2624	2935	3181	
			3573	3932	4030	4116		
BlnI	C!CTAGG	2	2578	3593				
BmyI	GDGCH!C	15	654	684	783	1176	1275	
			1351	1388	1947	2702	2795	
			2869	3059	3121	3831	4364	
BpmI	!CTCCAG	1	3553					
BpmI	!CTGGAG	5	739	1036	1096	1276	3574	
Bpu1102I	GC!TNAGC	0						
BsaAI	YAC!GTR	3	341	1872	3060			
BsaBI	GATNN!NNATC	3	1202	1418	2615			
BsaHI	GR!CGYC	8	123	176	259	445	723	
			2756	3458	3537			
BsaI	GGTCTCN!	0						
BsaI	!NNNNNGAGACC	1	3745					
BsaJI	C!CNNGG	27	361	612	782	792	882	
			940	969	1024	1176	1177	
			1306	1380	1387	2290	2362	
			2485	2520	2529	2578	2919	
			3188	3593	3720	3721	3823	
			3824	4514				
BseAI	T!CCGGA	1	1331					
BsePI	!GCGCGC	0						
BsgI	!GTGCAG	1	1141					
BsgI	!CTGCAC	1	756					
BsiEI	CGRY!CG	3	606	2665	4340			
BsiWI	C!GTACG	0						
BsiYI	CCNNNNN!NNGG	24	50	783	946	1036	1081	
			1252	1312	1768	2094	2486	
			2737	3281	3562	3594	3595	
			3726	3761	3811	3812	3843	
			4196	4475	4641	4659		
BslI	CCNNNNN!NNGG	24	50	783	946	1036	1081	
			1252	1312	1768	2094	2486	
			2737	3281	3562	3594	3595	
			3726	3761	3811	3812	3843	
			4196	4475	4641	4659		
BsmAI	!GTCTC	1	429					
BsmAI	!GAGAC	4	2185	2603	3622	3750		
BsmI	GAATGCN!	1	1507					
BsmI	G!CATTC	1	1600					
Bsp1286I	GDGCH!C	15	654	684	783	1176	1275	
			1351	1388	1947	2702	2795	
			2869	3059	3121	3831	4364	
BspDI	AT!CGAT	1	2596					
BspEI	T!CCGGA	1	1331					
BspHI	T!CATGA	2	2182	3954				
BspMI	ACCTGCNNNN!	2	3024	3474				
BspMI	!NNNNNNNNGCAGGT	1	2643					
BspMII	T!CCGGA	1	1331					
BspWI	GCNNNNN!NNGC	38	91	213	245	284	377	
			401	664	705	711	765	
			778	822	831	1053	1245	
			1296	1983	2013	2040	2082	
			2084	2323	2395	2446	2525	
			2531	2747	2831	2854	2993	
			2999	3116	3199	3466	3653	
			3857	4056	4628			

BsrFI	R!CCGGY	7	601 3256	641 3539	764	1973	3075
BsrI	ACTGGN!	3	2700	2901	4147		
BsrI	C!CAGT	5	296	1785	2463	4259	4272
BssHII	G!CGCGC	0					
Bst1107I	GTA!TAC	0					
BstBI	TT!CGAA	2	1358	3438			
BstEII	G!GTNACC	1	796				
BstI	G!GATCC	1	1391				
BstNI	CC!WGG	19	91 971 2292 3825	284 1025 2347 4515	784 1097 2364 4528	794 1178 3143 4649	896 1277 3722
BstPI	G!GTNACC	1	796				
BstUI	CG!CG	19	61 1644 2131 3708	705 1680 2822 3777	942 2056 3123 4050	1260 2076 3561 4631	1382 2100 3645
BstXI	CCANNNNN!NTGG	0					
BstYI	R!GATCY	11	586 3173 4033	1340 3565	1391 3924	1400 3936	2927 4022
Bsu36I	CC!TNAGG	2	2236	3868			
CbiI	TT!CGAA	2	1358	3438			
CcrI	C!TCGAG	1	1344				
CelII	GC!TNAGC	0					
CfoI	GCG!C	25	598 2022 2100 2859 4050	705 2030 2131 3125 4159	875 2056 2750 3385 4333	903 2078 2758 3561 4433	1292 2087 2822 3647 4500
Cfr10I	R!CCGGY	7	601 3256	641 3539	764	1973	3075
Cfr13I	G!GNCC	15	84 1243 3272	277 1255 3717	786 1384 3763	1027 1385 3821	1187 1863 3854
Cfr9I	C!CCGGG	1	1387				
CfrI	Y!GGCCR	6	685 3254	1149	2662	2836	3227
ClaI	AT!CGAT	1	2596				
CpoI	CG!GWCCG	1	3272				
Csp45I	TT!CGAA	2	1358	3438			
CspI	CG!GSCCG	0					
CviJI	RG!CY	95	43 634 787 1047 1151 1321 1535 1959 2490 2565 2689 2838 3012 3229 3336 3765	85 667 888 1056 1188 1349 1702 1973 2519 2577 2716 2862 3075 3256 3516 3822	94 687 988 1085 1221 1355 1722 2254 2525 2583 2741 2900 3119 3260 3543 3829	278 739 1029 1095 1256 1386 1864 2295 2534 2664 2825 2976 3129 3297 3604 3836	567 772 1036 1147 1299 1425 1945 2367 2542 2681 2834 2993 3146 3320 3726 3855

			3866	4117	4146	4189	4200
			4265	4344	4369	4374	4420
			4510	4608	4634	4652	4663
CvnI	CC!TNAGG	2	2236	3868			
DdeI	C!TNAG	8	1217	1337	2236	2538	3419
			3868	3991	4400		
DpnI	GA!TC	24	588	662	746	1199	1342
			1393	1402	1415	2595	2599
			2618	2929	3007	3088	3097
			3175	3551	3567	3926	3938
			4016	4024	4035	4110	
DpnII	!GATC	24	586	660	744	1197	1340
			1391	1400	1413	2593	2597
			2616	2927	3005	3086	3095
			3173	3549	3565	3924	3936
			4014	4022	4033	4108	
DraI	TTT!AAA	3	1458	3900	3919		
DraII	RG!GNCCY	1	3854				
DraIII	CACNNN!GTG	2	1270	1872			
DrdI	GACNNNN!NNGTC	3	1827	2783	4572		
DsaI	C!CRYGG	7	361	612	940	1306	1380
			2485	3188			
DsaV	!CCNGG	25	89	282	782	792	894
			969	1023	1095	1176	1275
			1386	1387	2290	2345	2362
			2758	2918	3141	3531	3720
			3823	4295	4513	4526	4647
EaeI	Y!GGCCR	6	685	1149	2662	2836	3227
			3254				
EagI	C!GGCCG	1	2662				
Eam1105I	GACNNN!NNGTC	0					
EarI	!CTCTTC	1	910				
EarI	!GAAGAG	3	2227	3104	3314		
Ecl136II	GAG!CTC	1	1349				
EclXI	C!GGCCG	1	2662				
Eco105I	TAC!GTA	1	341				
Eco31I	GGTCTCN!	0					
Eco31I	!NNNNNGAGACC	1	3745				
Eco47I	G!GWCC	3	1243	3272	3717		
Eco47III	AGC!GCT	1	597				
Eco52I	C!GGCCG	1	2662				
Eco57I	!CTGAAG	3	988	2880	3312		
Eco57I	!CTTCAG	1	4146				
Eco81I	CC!TNAGG	2	2236	3868			
EcoNI	CCTNN!NNNAGG	0					
EcoO109I	RG!GNCCY	1	3854				
EcoO65I	G!GTNACC	1	796				
EcoRI	G!AATTC	1	1360				
EcoRII	!CCWGG	19	89	282	782	792	894
			969	1023	1095	1176	1275
			2290	2345	2362	3141	3720
			3823	4513	4526	4647	
EcoRV	GAT!ATC	0					
EcoT14I	C!CWGGG	6	361	612	2485	2578	3188
			3593				
EcoT22I	ATGCA!T	3	2328	2400	4731		
EcoT38I	GRGCY!C	5	1351	1388	1947	3121	3831
EheI	GGC!GCC	1	2757				
Esp3I	CGTCTCN!	0					

Esp3I	!NNNNNGAGACG	0						
EspI	GC!TNAGC	0						
FbaI	T!GATCA	1	1413					
FinI	!GTCCC	4	2286	2358	2422	3717		
FinI	!GGGAC	6	161	312	480	2892	3424	
			3533					
Fnu4HI	GC!NGC	35	706	773	943	1135	1138	
			1145	1297	1533	2052	2074	
			2088	2526	2665	2717	2728	
			2818	2823	2860	2901	2988	
			2991	2994	3230	3326	3367	
			3381	3495	3834	3849	4060	
			4266	4269	4334	4477	4632	
FokI	GGATGNNNNNNNNN!	4	2623	3080	3105	3559		
FokI	!NNNNNNNNNNNNNCATCC	4	878	893	1007	2429		
FspI	TGC!GCA	1	2858					
GdiII	!NNNNNYGGCCG	4	1143	2656	3221	3248		
GdiII	CGGCCRN!	2	691	2668				
GsuI	!CTCCAG	1	3553					
GsuI	!CTGGAG	5	739	1036	1096	1276	3574	
HaeI	WGG!CCW	6	1085	2577	2838	4200	4652	
			4663					
HaeII	RGCGC!Y	7	599	876	1293	2023	2031	
			2759	4434				
HaeIII	GG!CC	28	85	278	687	787	1029	
			1085	1095	1151	1188	1256	
			1386	1722	1864	2519	2525	
			2534	2577	2664	2838	3229	
			3256	3765	3822	3855	4200	
			4634	4652	4663			
HapII	C!CGG	22	602	642	765	1332	1388	
			1398	1974	2661	2738	2760	
			2788	2919	3009	3076	3257	
			3532	3540	3632	4106	4296	
			4322	4469				
HgaI	GACGCNNNNN!	4	527	731	3466	3545		
HgaI	!NNNNNNNNNNNGCGTC	3	2089	3984	4562			
HgiAI	GWGCW!C	6	684	1275	1351	2869	3059	
			4364					
HgiEII	!ACCNNNNNNGGT	1	4086					
HhaI	GCG!C	25	598	705	875	903	1292	
			2022	2030	2056	2078	2087	
			2100	2131	2750	2758	2822	
			2859	3125	3385	3561	3647	
			4050	4159	4333	4433	4500	
Hin1I	GR!CGYC	8	123	176	259	445	723	
			2756	3458	3537			
HinP1I	G!CGC	25	596	703	873	901	1290	
			2020	2028	2054	2076	2085	
			2098	2129	2748	2756	2820	
			2857	3123	3383	3559	3645	
			4048	4157	4331	4431	4498	
HincII	GTY!RAC	2	1372	1519				
HindIII	A!AGCTT	1	1353					
HinfI	G!ANTC	13	411	1280	1335	1799	1821	
			2231	3241	3375	3427	3485	
			3522	4304	4700			
HpaI	GTT!AAC	1	1519					
HpaII	C!CGG	22	602	642	765	1332	1388	

			1398	1974	2661	2738	2760
			2788	2919	3009	3076	3257
			3532	3540	3632	4106	4296
			4322	4469			
HphI	GGTGANNNNNNNN!	7	377	808	961	985	1114
			3827	3943			
HphI	!NNNNNNNTCACC	4	799	1063	1873	2934	
KasI	G!GCGCC	1	2755				
KpnI	GGTAC!C	1	1380				
Ksp632I	CTCTTCN!	1	917				
Ksp632I	!NNNNGAAGAG	3	2223	3100	3310		
KspI	CCGC!GG	2	943	1383			
MaeI	C!TAG	8	593	1404	1605	2023	2579
			3594	3928	4181		
MaeII	A!CGT	17	123	135	176	259	340
			445	678	1062	1170	1816
			1828	1871	1981	2872	3059
			3840	3973			
MaeIII	!GTNAC	13	62	149	498	796	1544
			2045	2057	2876	3182	3872
			4138	4254	4317		
MamI	GATNN!NNATC	3	1202	1418	2615		
MboI	!GATC	24	586	660	744	1197	1340
			1391	1400	1413	2593	2597
			2616	2927	3005	3086	3095
			3173	3549	3565	3924	3936
			4014	4022	4033	4108	
MboII	GAAGANNNNNNNN!	6	862	2012	2240	3117	3327
			3946				
MboII	!NNNNNNNTCTTC	6	856	904	3407	3574	3774
			4017				
McrI	!CGRYCG	3	602	2661	4336		
MfeI	!CAATTG	1	1505				
MflI	R!GATCY	11	586	1340	1391	1400	2927
			3173	3565	3924	3936	4022
			4033				
MluI	A!CGCGT	1	1642				
MmeI	!TCCRAC	1	1823				
MmeI	!GTYGGA	2	4299	4483			
MnlI	CCTCNNNNNNN!	11	815	920	1475	1484	2539
			2545	3357	3563	3877	4247
			4571				
MnlI	!NNNNNNNGAGG	25	541	621	702	708	876
			939	951	1002	1092	1122
			1245	1434	1899	2230	2508
			2514	2551	2554	2566	2606
			2670	2806	3163	3593	4496
MroI	T!CCGGA	1	1331				
MscI	TGG!CCA	1	2838				
MseI	T!TAA	15	8	1457	1518	1639	1660
			1671	1683	1694	1711	1809
			2080	3899	3913	3918	3970
MspI	C!CGG	22	602	642	765	1332	1388
			1398	1974	2661	2738	2760
			2788	2919	3009	3076	3257
			3532	3540	3632	4106	4296
			4322	4469			
MstI	TGC!GCA	1	2858				
MstII	CC!TNAGG	2	2236	3868			

MunI	C!AATTG	1	1506					
MvaI	CC!WGG	19	91	284	784	794	896	
			971	1025	1097	1178	1277	
			2292	2347	2364	3143	3722	
			3825	4515	4528	4649		
MvnI	CG!CG	19	61	705	942	1260	1382	
			1644	1680	2056	2076	2100	
			2131	2822	3123	3561	3645	
			3708	3777	4050	4631		
NaeI	GCC!GGC	4	643	1975	3258	3541		
NarI	GG!CGCC	1	2756					
NciI	CC!SGG	6	1388	1389	2760	2920	3533	
			4297					
NcoI	C!CATGG	4	361	612	2485	3188		
NdeI	CA!TATG	1	235					
NdeII	!GATC	24	586	660	744	1197	1340	
			1391	1400	1413	2593	2597	
			2616	2927	3005	3086	3095	
			3173	3549	3565	3924	3936	
			4014	4022	4033	4108		
NgoMI	G!CCGGC	4	641	1973	3256	3539		
NheI	G!CTAGC	1	592					
NlaIII	CATG!	20	305	365	616	850	880	
			1270	1315	2186	2326	2398	
			2489	2630	2975	3161	3192	
			3218	3574	3958	4678	4729	
NlaIV	GGN!NCC	18	468	1189	1378	1386	1393	
			1911	1932	1944	2135	2296	
			2368	2757	2792	3640	3719	
			3764	4607	4646			
NotI	GC!GGCCGC	0						
NruI	TCG!CGA	0						
NsiI	ATGCA!T	3	2328	2400	4731			
Nsp(7524)I	RCATG!Y	4	2326	2398	3161	4678		
Nsp(7524)V	TT!CGAA	2	1358	3438				
NspBII	CMG!CKG	7	942	1147	1382	2254	2862	
			4091	4336				
NspII	GDGCH!C	15	654	684	783	1176	1275	
			1351	1388	1947	2702	2795	
			2869	3059	3121	3831	4364	
NspIII	C!YCGRG	3	881	1344	1387			
NspIV	G!GNCC	15	84	277	786	1027	1187	
			1243	1255	1384	1385	1863	
			3272	3717	3763	3821	3854	
NunII	GG!CGCC	1	2756					
PacI	TTAAT!TAA	0						
Paer71	C!TCGAG	1	1344					
PaiI	GG!CC	28	85	278	687	787	1029	
			1085	1095	1151	1188	1256	
			1386	1722	1864	2519	2525	
			2534	2577	2664	2838	3229	
			3256	3765	3822	3855	4200	
			4634	4652	4663			
PflMI	CCANNNN!NTGG	2	1036	1312				
PleI	GAGTCNNNN!	3	1288	1807	2239			
PleI	!NNNNNGACTC	5	405	1329	1815	3421	4298	
PmaCI	CAC!GTG	0						
PmeI	GTTT!AAAC	0						
PmlI	CAC!GTG	0						

PpuMI	RG!GWCCY	0						
PshAI	GACNN!NNGTC	0						
PstI	CTGCA!G	2	1298	1369				
PvuI	CGAT!CG	0						
PvuII	CAG!CTG	3	1147	2254	2862			
RmaI	C!TAG	8	593	1404	1605	2023	2579	
			3594	3928	4181			
RsaI	GT!AC	12	220	245	300	333	384	
			541	819	932	1043	1325	
			1378	3062				
RsrI	G!AATTC	1	1360					
RsrII	CG!GWCCG	1	3272					
SacI	GAGCT!C	1	1351					
SacII	CCGC!GG	2	943	1383				
SalI	G!TCGAC	1	1370					
Sau3AI	!GATC	24	586	660	744	1197	1340	
			1391	1400	1413	2593	2597	
			2616	2927	3005	3086	3095	
			3173	3549	3565	3924	3936	
			4014	4022	4033	4108		
Sau96I	G!GNCC	15	84	277	786	1027	1187	
			1243	1255	1384	1385	1863	
			3272	3717	3763	3821	3854	
SauI	CC!TNAGG	2	2236	3868				
ScaI	AGT!ACT	0						
ScrFI	CC!NGG	25	91	284	784	794	896	
			971	1025	1097	1178	1277	
			1388	1389	2292	2347	2364	
			2760	2920	3143	3533	3722	
			3825	4297	4515	4528	4649	
SduI	GDGCH!C	15	654	684	783	1176	1275	
			1351	1388	1947	2702	2795	
			2869	3059	3121	3831	4364	
SecI	C!CNNGG	27	361	612	782	792	882	
			940	969	1024	1176	1177	
			1306	1380	1387	2290	2362	
			2485	2520	2529	2578	2919	
			3188	3593	3720	3721	3823	
			3824	4514				
SexI	!CTCGAG	1	1343					
SfaNI	GCATCNNNNN!	8	654	990	1572	2335	2407	
			3055	3119	3394			
SfaNI	!NNNNNNNNNGATGC	5	358	2714	2969	3185	4577	
SfcI	C!TRYAG	5	1294	1365	2091	4218	4409	
SfiI	GGCCNNNN!NGGCC	1	2531					
SfuI	TT!CGAA	2	1358	3438				
SgrAI	CR!CCGGYG	0						
SinI	G!GWCC	3	1243	3272	3717			
SmaI	CCC!GGG	1	1389					
SnaBI	TAC!GTA	1	341					
SnaI	!GTATAC	0						
SnoI	G!TGCAC	2	680	4360				
SpeI	A!CTAGT	0						
SphI	GCATG!C	3	2326	2398	3161			
SpI	C!GTACG	0						
SrfI	GCCC!GGGC	0						
Sse8387I	CCTGCA!GG	0						
SspI	AAT!ATT	2	1664	2217				
SstI	GAGCT!C	1	1351					

SstII	CCGC!GG	2	943	1383				
SstIII	!ACGT	17	122	134	175	258	339	
			444	677	1061	1169	1815	
			1827	1870	1980	2871	3058	
			3839	3972				
StuI	AGG!CCT	1	2577					
StyI	C!CWWGG	6	361	612	2485	2578	3188	
			3593					
StySJI	!GAGNNNNNNGTRC	0						
StySJI	!GYACNNNNNNCTC	0						
SwaI	ATTT!AAAT	0						
TaqI	T!CGA	18	663	957	984	1128	1345	
			1358	1371	1905	2596	2869	
			3025	3049	3085	3247	3438	
			3483	3738	4576			
TaqII	GACCGANNNNNNNNNN!	4	1244	1776	2793	3461		
TaqII	!NNNNNNNNNTCGGTC	1	3705					
TaqII	CACCCANNNNNNNNNN!	1	1319					
TaqII	!NNNNNNNNNTGGGTG	3	173	2660	3252			
TfiI	G!AWTC	5	3241	3375	3485	3522	4700	
ThaI	CG!CG	19	61	705	942	1260	1382	
			1644	1680	2056	2076	2100	
			2131	2822	3123	3561	3645	
			3708	3777	4050	4631		
Tsp45I	!GTSAC	4	796	2045	2876	3182		
TspEI	!AATT	11	19	1360	1506	1570	1648	
			1674	1685	2332	2404	2496	
			3914					
Tth111I	GACN!NNGTC	1	2874					
Tth111II	CAARCANNNNNNNNNN!	2	857	4083				
Tth111III	!NNNNNNNNNTGYTTG	3	3191	4051	4090			
TthHB8I	T!CGA	18	663	957	984	1128	1345	
			1358	1371	1905	2596	2869	
			3025	3049	3085	3247	3438	
			3483	3738	4576			
Van91I	CCANNNN!NTGG	2	1036	1312				
VspI	AT!TAAT	1	8					
XbaI	T!CTAGA	1	1403					
XcmI	!CCANNNNNNNNTCG	1	3031					
XcyI	C!CCGGG	1	1387					
XhoI	C!TCGAG	1	1344					
XhoII	R!GATCY	11	586	1340	1391	1400	2927	
			3173	3565	3924	3936	4022	
			4033					
XmaI	C!CCGGG	1	1387					
XmaIII	C!GGCCG	1	2662					
XmnI	GAANN!NNTTC	1	860					
XorII	CGAT!CG	0						