

| | | | | | | | | |
|-------------|-------------------|----|------|------|------|------|------|--|
| ApoI | R!AATTY | 4 | 630 | 1572 | 1676 | 1687 | | |
| ApyI | CC!WGG | 12 | 91 | 284 | 932 | 2294 | 2349 | |
| | | | 2366 | 3145 | 3724 | 3827 | 4517 | |
| | | | 4530 | 4651 | | | | |
| AquI | C!YCGRG | 3 | 614 | 657 | 944 | | | |
| AscI | GG!CGCGCC | 0 | | | | | | |
| AseI | AT!TAAT | 1 | 8 | | | | | |
| AsnI | AT!TAAT | 1 | 8 | | | | | |
| Asp700I | GAANN!NNTTC | 0 | | | | | | |
| Asp718I | G!GTACC | 1 | 646 | | | | | |
| AspHI | GWGCW!C | 5 | 621 | 819 | 2871 | 3061 | 4366 | |
| AspI | GACN!NNGTC | 1 | 2876 | | | | | |
| AsuI | G!GNCC | 16 | 84 | 277 | 654 | 655 | 695 | |
| | | | 949 | 1079 | 1142 | 1207 | 1262 | |
| | | | 1865 | 3274 | 3719 | 3765 | 3823 | |
| | | | 3856 | | | | | |
| AsuII | TT!CGAA | 2 | 628 | 3440 | | | | |
| AvaI | C!YCGRG | 3 | 614 | 657 | 944 | | | |
| AvaII | G!GWCC | 2 | 3274 | 3719 | | | | |
| AvaIII | ATGCA!T | 3 | 2330 | 2402 | 4733 | | | |
| AviII | TGC!GCA | 1 | 2860 | | | | | |
| AvrI | !CYCGRG | 3 | 613 | 656 | 943 | | | |
| AvrII | C!CTAGG | 2 | 2580 | 3595 | | | | |
| AxyI | CC!TNAGG | 2 | 2238 | 3870 | | | | |
| BalI | TGG!CCA | 1 | 2840 | | | | | |
| BamHI | G!GATCC | 1 | 661 | | | | | |
| BanI | G!GYRCC | 6 | 466 | 646 | 989 | 1911 | 2757 | |
| | | | 2792 | | | | | |
| BanII | GRGCY!C | 6 | 621 | 658 | 891 | 1949 | 3123 | |
| | | | 3833 | | | | | |
| BanIII | AT!CGAT | 1 | 2598 | | | | | |
| BbeI | GGCGC!C | 1 | 2761 | | | | | |
| BbiIII/AcyI | GR!CGYC | 7 | 123 | 176 | 259 | 445 | 2758 | |
| | | | 3460 | 3539 | | | | |
| BbrPI | CAC!GTG | 1 | 1324 | | | | | |
| BbsI | !GTCTTC | 0 | | | | | | |
| BbsI | !GAAGAC | 0 | | | | | | |
| BbvI | GCAGCNNNNNNNN! | 9 | 795 | 798 | 1251 | 1546 | 2831 | |
| | | | 2873 | 3394 | 3847 | 4347 | | |
| BbvI | !NNNNNNNNNNNGCTGC | 8 | 828 | 2040 | 2705 | 2889 | 2982 | |
| | | | 4048 | 4254 | 4257 | | | |
| BbvII | GAAGACNN! | 0 | | | | | | |
| BbvII | !NNNNNNGTCTTC | 0 | | | | | | |
| BcefI | ACGGCNNNNNNNNNN! | 14 | 757 | 769 | 796 | 817 | 898 | |
| | | | 928 | 1003 | 1078 | 1093 | 1156 | |
| | | | 1207 | 1252 | 3184 | 3671 | | |
| BcefI | !NNNNNNNNNNNGCCGT | 5 | 807 | 1137 | 1900 | 2718 | 4177 | |
| BcgI | !GCANNNNNNTCG | 0 | | | | | | |
| BcgI | !CGANNNNNNTGC | 0 | | | | | | |
| BclI | T!GATCA | 0 | | | | | | |
| BcnI | CC!SGG | 7 | 658 | 659 | 1260 | 2762 | 2922 | |
| | | | 3535 | 4299 | | | | |
| BfaI | C!TAG | 8 | 593 | 1413 | 1607 | 2025 | 2581 | |
| | | | 3596 | 3930 | 4183 | | | |
| BfrI | C!TTAAG | 1 | 1640 | | | | | |
| BglI | GCCNNNN!NGGC | 4 | 91 | 213 | 284 | 2533 | | |
| BglII | A!GATCT | 1 | 610 | | | | | |
| BinI | !NNNNNGATCC | 8 | 581 | 656 | 868 | 1249 | 3002 | |
| | | | 3546 | 3933 | 4030 | | | |

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|----------|-----------------|----|------|------|------|------|------|
| BinI | GGATCNNNN! | 8 | 669 | 2626 | 2937 | 3183 | 3575 |
| | | | 3934 | 4032 | 4118 | | |
| BlnI | C!CTAGG | 2 | 2580 | 3595 | | | |
| BmyI | GDGCH!C | 13 | 621 | 658 | 819 | 891 | 1362 |
| | | | 1949 | 2704 | 2797 | 2871 | 3061 |
| | | | 3123 | 3833 | 4366 | | |
| BpmI | !CTCCAG | 1 | 3555 | | | | |
| BpmI | !CTGGAG | 1 | 3576 | | | | |
| Bpu1102I | GC!TNAGC | 0 | | | | | |
| BsaAI | YAC!GTR | 4 | 341 | 1324 | 1874 | 3062 | |
| BsaBI | GATNN!NNATC | 2 | 1420 | 2617 | | | |
| BsaHI | GR!CGYC | 7 | 123 | 176 | 259 | 445 | 2758 |
| | | | 3460 | 3539 | | | |
| BsaI | GGTCTCN! | 0 | | | | | |
| BsaI | !NNNNNGAGACC | 3 | 824 | 1115 | 3747 | | |
| BsaJI | C!CNNGG | 23 | 361 | 650 | 657 | 678 | 799 |
| | | | 930 | 945 | 1138 | 1258 | 2292 |
| | | | 2364 | 2487 | 2522 | 2531 | 2580 |
| | | | 2921 | 3190 | 3595 | 3722 | 3723 |
| | | | 3825 | 3826 | 4516 | | |
| BseAI | T!CCGGA | 0 | | | | | |
| BsePI | !GCGCGC | 0 | | | | | |
| BsgI | !GTGCAG | 0 | | | | | |
| BsgI | !CTGCAC | 0 | | | | | |
| BsiEI | CGRY!CG | 5 | 672 | 964 | 1405 | 2667 | 4342 |
| BsiWI | C!GTACG | 0 | | | | | |
| BsiYI | CCNNNNN!NNGG | 22 | 50 | 852 | 1102 | 1204 | 1336 |
| | | | 1770 | 2096 | 2488 | 2739 | 3283 |
| | | | 3564 | 3596 | 3597 | 3728 | 3763 |
| | | | 3813 | 3814 | 3845 | 4198 | 4477 |
| | | | 4643 | 4661 | | | |
| BslI | CCNNNNN!NNGG | 22 | 50 | 852 | 1102 | 1204 | 1336 |
| | | | 1770 | 2096 | 2488 | 2739 | 3283 |
| | | | 3564 | 3596 | 3597 | 3728 | 3763 |
| | | | 3813 | 3814 | 3845 | 4198 | 4477 |
| | | | 4643 | 4661 | | | |
| BsmAI | !GTCTC | 1 | 429 | | | | |
| BsmAI | !GAGAC | 6 | 829 | 1120 | 2187 | 2605 | 3624 |
| | | | 3752 | | | | |
| BsmI | GAATGCN! | 1 | 1509 | | | | |
| BsmI | G!CATTC | 1 | 1602 | | | | |
| Bsp1286I | GDGCH!C | 13 | 621 | 658 | 819 | 891 | 1362 |
| | | | 1949 | 2704 | 2797 | 2871 | 3061 |
| | | | 3123 | 3833 | 4366 | | |
| BspDI | AT!CGAT | 1 | 2598 | | | | |
| BspEI | T!CCGGA | 0 | | | | | |
| BspHI | T!CATGA | 2 | 2184 | 3956 | | | |
| BspMI | ACCTGCNNNN! | 3 | 1037 | 3026 | 3476 | | |
| BspMI | !NNNNNNNNGCAGGT | 1 | 2645 | | | | |
| BspMII | T!CCGGA | 0 | | | | | |
| BspWI | GCNNNNN!NNGC | 36 | 91 | 213 | 245 | 284 | 377 |
| | | | 401 | 834 | 963 | 972 | 1038 |
| | | | 1096 | 1314 | 1362 | 1371 | 1985 |
| | | | 2015 | 2042 | 2084 | 2086 | 2325 |
| | | | 2397 | 2448 | 2527 | 2533 | 2749 |
| | | | 2833 | 2856 | 2995 | 3001 | 3118 |
| | | | 3201 | 3468 | 3655 | 3859 | 4058 |
| | | | 4630 | | | | |
| BsrFI | R!CCGGY | 6 | 667 | 833 | 1975 | 3077 | 3258 |

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|----------|---------------|-----|------|------|------|------|------|--|
| | | | 3541 | | | | | |
| BsrI | ACTGGN! | 3 | 2702 | 2903 | 4149 | | | |
| BsrI | C!CAGT | 6 | 296 | 877 | 1787 | 2465 | 4261 | |
| | | | 4274 | | | | | |
| BssHII | G!CGCGC | 0 | | | | | | |
| Bst1107I | GTA!TAC | 0 | | | | | | |
| BstBI | TT!CGAA | 2 | 628 | 3440 | | | | |
| BstEII | G!GTNACC | 0 | | | | | | |
| BstI | G!GATCC | 1 | 661 | | | | | |
| BstNI | CC!WGG | 12 | 91 | 284 | 932 | 2294 | 2349 | |
| | | | 2366 | 3145 | 3724 | 3827 | 4517 | |
| | | | 4530 | 4651 | | | | |
| BstPI | G!GTNACC | 0 | | | | | | |
| BstUI | CG!CG | 20 | 61 | 652 | 1092 | 1245 | 1317 | |
| | | | 1335 | 1407 | 1682 | 2058 | 2078 | |
| | | | 2102 | 2133 | 2824 | 3125 | 3563 | |
| | | | 3647 | 3710 | 3779 | 4052 | 4633 | |
| BstXI | CCANNNNN!NTGG | 0 | | | | | | |
| BstYI | R!GATCY | 11 | 586 | 610 | 661 | 1254 | 2929 | |
| | | | 3175 | 3567 | 3926 | 3938 | 4024 | |
| | | | 4035 | | | | | |
| Bsu36I | CC!TNAGG | 2 | 2238 | 3870 | | | | |
| CbiI | TT!CGAA | 2 | 628 | 3440 | | | | |
| CcrI | C!TCGAG | 1 | 614 | | | | | |
| CelII | GC!TNAGC | 0 | | | | | | |
| CfoI | GCG!C | 28 | 598 | 975 | 1092 | 1158 | 1247 | |
| | | | 1317 | 1335 | 1376 | 2024 | 2032 | |
| | | | 2058 | 2080 | 2089 | 2102 | 2133 | |
| | | | 2752 | 2760 | 2824 | 2861 | 3127 | |
| | | | 3387 | 3563 | 3649 | 4052 | 4161 | |
| | | | 4335 | 4435 | 4502 | | | |
| Cfr10I | R!CCGGY | 6 | 667 | 833 | 1975 | 3077 | 3258 | |
| | | | 3541 | | | | | |
| Cfr13I | G!GNCC | 16 | 84 | 277 | 654 | 655 | 695 | |
| | | | 949 | 1079 | 1142 | 1207 | 1262 | |
| | | | 1865 | 3274 | 3719 | 3765 | 3823 | |
| | | | 3856 | | | | | |
| Cfr9I | C!CCGGG | 1 | 657 | | | | | |
| CfrI | Y!GGCCR | 7 | 754 | 774 | 1402 | 2664 | 2838 | |
| | | | 3229 | 3256 | | | | |
| ClaI | AT!CGAT | 1 | 2598 | | | | | |
| CpoI | CG!GWCCG | 1 | 3274 | | | | | |
| Csp45I | TT!CGAA | 2 | 628 | 3440 | | | | |
| CspI | CG!GSCCG | 0 | | | | | | |
| CviJI | RG!CY | 100 | 43 | 85 | 94 | 278 | 567 | |
| | | | 619 | 625 | 656 | 696 | 756 | |
| | | | 776 | 841 | 852 | 859 | 889 | |
| | | | 921 | 951 | 1002 | 1018 | 1041 | |
| | | | 1065 | 1072 | 1080 | 1099 | 1143 | |
| | | | 1162 | 1166 | 1176 | 1197 | 1209 | |
| | | | 1242 | 1263 | 1343 | 1404 | 1427 | |
| | | | 1537 | 1704 | 1724 | 1866 | 1947 | |
| | | | 1961 | 1975 | 2256 | 2297 | 2369 | |
| | | | 2492 | 2521 | 2527 | 2536 | 2544 | |
| | | | 2567 | 2579 | 2585 | 2666 | 2683 | |
| | | | 2691 | 2718 | 2743 | 2827 | 2836 | |
| | | | 2840 | 2864 | 2902 | 2978 | 2995 | |
| | | | 3014 | 3077 | 3121 | 3131 | 3148 | |
| | | | 3231 | 3258 | 3262 | 3299 | 3322 | |

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|----------|---------------|----|------|------|------|------|------|
| | | | 3338 | 3518 | 3545 | 3606 | 3728 |
| | | | 3767 | 3824 | 3831 | 3838 | 3857 |
| | | | 3868 | 4119 | 4148 | 4191 | 4202 |
| | | | 4267 | 4346 | 4371 | 4376 | 4422 |
| | | | 4512 | 4610 | 4636 | 4654 | 4665 |
| CvnI | CC!TNAGG | 2 | 2238 | 3870 | | | |
| DdeI | C!TNAG | 8 | 607 | 953 | 2238 | 2540 | 3421 |
| | | | 3870 | 3993 | 4402 | | |
| DpnI | GA!TC | 22 | 588 | 612 | 663 | 875 | 1256 |
| | | | 1417 | 2597 | 2601 | 2620 | 2931 |
| | | | 3009 | 3090 | 3099 | 3177 | 3553 |
| | | | 3569 | 3928 | 3940 | 4018 | 4026 |
| | | | 4037 | 4112 | | | |
| DpnII | !GATC | 22 | 586 | 610 | 661 | 873 | 1254 |
| | | | 1415 | 2595 | 2599 | 2618 | 2929 |
| | | | 3007 | 3088 | 3097 | 3175 | 3551 |
| | | | 3567 | 3926 | 3938 | 4016 | 4024 |
| | | | 4035 | 4110 | | | |
| DraI | TTT!AAA | 3 | 1460 | 3902 | 3921 | | |
| DraII | RG!GNCCY | 2 | 949 | 3856 | | | |
| DraIII | CACNNN!GTG | 4 | 823 | 1273 | 1357 | 1874 | |
| DrdI | GACNNNN!NNGTC | 3 | 1829 | 2785 | 4574 | | |
| DsaI | C!CRYGG | 7 | 361 | 650 | 678 | 799 | 1138 |
| | | | 2487 | 3190 | | | |
| DsaV | !CCNGG | 19 | 89 | 282 | 656 | 657 | 930 |
| | | | 1258 | 2292 | 2347 | 2364 | 2760 |
| | | | 2920 | 3143 | 3533 | 3722 | 3825 |
| | | | 4297 | 4515 | 4528 | 4649 | |
| EaeI | Y!GGCCR | 7 | 754 | 774 | 1402 | 2664 | 2838 |
| | | | 3229 | 3256 | | | |
| EagI | C!GGCCG | 2 | 1402 | 2664 | | | |
| Eam1105I | GACNNN!NNGTC | 0 | | | | | |
| EarI | !CTCTTC | 0 | | | | | |
| EarI | !GAAGAG | 3 | 2229 | 3106 | 3316 | | |
| Ecl136II | GAG!CTC | 1 | 619 | | | | |
| EclXI | C!GGCCG | 2 | 1402 | 2664 | | | |
| Eco105I | TAC!GTA | 1 | 341 | | | | |
| Eco31I | GGTCTCN! | 0 | | | | | |
| Eco31I | !NNNNNGAGACC | 3 | 824 | 1115 | 3747 | | |
| Eco47I | G!GWCC | 2 | 3274 | 3719 | | | |
| Eco47III | AGC!GCT | 1 | 597 | | | | |
| Eco52I | C!GGCCG | 2 | 1402 | 2664 | | | |
| Eco57I | !CTGAAG | 2 | 2882 | 3314 | | | |
| Eco57I | !CTTCAG | 1 | 4148 | | | | |
| Eco81I | CC!TNAGG | 2 | 2238 | 3870 | | | |
| EcoNI | CCTNN!NNNAGG | 0 | | | | | |
| EcoO109I | RG!GNCCY | 2 | 949 | 3856 | | | |
| EcoO65I | G!GTNACC | 0 | | | | | |
| EcoRI | G!AATTC | 1 | 630 | | | | |
| EcoRII | !CCWGG | 12 | 89 | 282 | 930 | 2292 | 2347 |
| | | | 2364 | 3143 | 3722 | 3825 | 4515 |
| | | | 4528 | 4649 | | | |
| EcoRV | GAT!ATC | 0 | | | | | |
| EcoT14I | C!CWGGG | 6 | 361 | 678 | 2487 | 2580 | 3190 |
| | | | 3595 | | | | |
| EcoT22I | ATGCA!T | 3 | 2330 | 2402 | 4733 | | |
| EcoT38I | GRGCY!C | 6 | 621 | 658 | 891 | 1949 | 3123 |
| | | | 3833 | | | | |
| EheI | GGC!GCC | 1 | 2759 | | | | |

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|---------|---------------------|----|------|------|------|------|------|--|
| Esp3I | CGTCTCN! | 0 | | | | | | |
| Esp3I | !NNNNNGAGACG | 0 | | | | | | |
| EspI | GC!TNAGC | 0 | | | | | | |
| FbaI | T!GATCA | 0 | | | | | | |
| FinI | !GTCCC | 4 | 2288 | 2360 | 2424 | 3719 | | |
| FinI | !GGGAC | 7 | 161 | 312 | 480 | 1298 | 2894 | |
| | | | 3426 | 3535 | | | | |
| Fnu4HI | GC!NGC | 38 | 694 | 784 | 787 | 842 | 1042 | |
| | | | 1195 | 1240 | 1243 | 1402 | 1405 | |
| | | | 1535 | 2054 | 2076 | 2090 | 2528 | |
| | | | 2667 | 2719 | 2730 | 2820 | 2825 | |
| | | | 2862 | 2903 | 2990 | 2993 | 2996 | |
| | | | 3232 | 3328 | 3369 | 3383 | 3497 | |
| | | | 3836 | 3851 | 4062 | 4268 | 4271 | |
| | | | 4336 | 4479 | 4634 | | | |
| FokI | GGATGNNNNNNNNN! | 4 | 2625 | 3082 | 3107 | 3561 | | |
| FokI | !NNNNNNNNNNNNNCATCC | 2 | 1094 | 2431 | | | | |
| FspI | TGC!GCA | 1 | 2860 | | | | | |
| GdiII | !NNNNNYGGCCG | 5 | 768 | 1396 | 2658 | 3223 | 3250 | |
| GdiII | CGGCCRN! | 3 | 760 | 1408 | 2670 | | | |
| GsuI | !CTCCAG | 1 | 3555 | | | | | |
| GsuI | !CTGGAG | 1 | 3576 | | | | | |
| HaeI | WGG!CCW | 7 | 1166 | 1343 | 2579 | 2840 | 4202 | |
| | | | 4654 | 4665 | | | | |
| HaeII | RGCGC!Y | 6 | 599 | 1377 | 2025 | 2033 | 2761 | |
| | | | 4436 | | | | | |
| HaeIII | GG!CC | 32 | 85 | 278 | 656 | 696 | 756 | |
| | | | 776 | 951 | 1080 | 1143 | 1166 | |
| | | | 1197 | 1209 | 1263 | 1343 | 1404 | |
| | | | 1724 | 1866 | 2521 | 2527 | 2536 | |
| | | | 2579 | 2666 | 2840 | 3231 | 3258 | |
| | | | 3767 | 3824 | 3857 | 4202 | 4636 | |
| | | | 4654 | 4665 | | | | |
| HapII | C!CGG | 21 | 602 | 658 | 668 | 834 | 1260 | |
| | | | 1976 | 2663 | 2740 | 2762 | 2790 | |
| | | | 2921 | 3011 | 3078 | 3259 | 3534 | |
| | | | 3542 | 3634 | 4108 | 4298 | 4324 | |
| | | | 4471 | | | | | |
| HgaI | GACGCNNNNN! | 3 | 527 | 3468 | 3547 | | | |
| HgaI | !NNNNNNNNNNNGCGTC | 3 | 2091 | 3986 | 4564 | | | |
| HgiAI | GWGCW!C | 5 | 621 | 819 | 2871 | 3061 | 4366 | |
| HgiEII | !ACCNNNNNNGGT | 1 | 4088 | | | | | |
| HhaI | GCG!C | 28 | 598 | 975 | 1092 | 1158 | 1247 | |
| | | | 1317 | 1335 | 1376 | 2024 | 2032 | |
| | | | 2058 | 2080 | 2089 | 2102 | 2133 | |
| | | | 2752 | 2760 | 2824 | 2861 | 3127 | |
| | | | 3387 | 3563 | 3649 | 4052 | 4161 | |
| | | | 4335 | 4435 | 4502 | | | |
| Hin1I | GR!CGYC | 7 | 123 | 176 | 259 | 445 | 2758 | |
| | | | 3460 | 3539 | | | | |
| HinP1I | G!CGC | 28 | 596 | 973 | 1090 | 1156 | 1245 | |
| | | | 1315 | 1333 | 1374 | 2022 | 2030 | |
| | | | 2056 | 2078 | 2087 | 2100 | 2131 | |
| | | | 2750 | 2758 | 2822 | 2859 | 3125 | |
| | | | 3385 | 3561 | 3647 | 4050 | 4159 | |
| | | | 4333 | 4433 | 4500 | | | |
| HincII | GTY!RAC | 2 | 642 | 1521 | | | | |
| HindIII | A!AGCTT | 1 | 623 | | | | | |
| HinfI | G!ANTC | 13 | 411 | 605 | 1409 | 1801 | 1823 | |

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|---------|----------------|----|------|------|------|------|------|
| | | | 2233 | 3243 | 3377 | 3429 | 3487 |
| | | | 3524 | 4306 | 4702 | | |
| HpaI | GTT!AAC | 1 | 1521 | | | | |
| HpaII | C!CGG | 21 | 602 | 658 | 668 | 834 | 1260 |
| | | | 1976 | 2663 | 2740 | 2762 | 2790 |
| | | | 2921 | 3011 | 3078 | 3259 | 3534 |
| | | | 3542 | 3634 | 4108 | 4298 | 4324 |
| | | | 4471 | | | | |
| HphI | GGTGANNNNNNNN! | 5 | 377 | 760 | 1048 | 3829 | 3945 |
| HphI | !NNNNNNNTCACC | 7 | 757 | 1039 | 1171 | 1276 | 1360 |
| | | | 1875 | 2936 | | | |
| KasI | G!GCGCC | 1 | 2757 | | | | |
| KpnI | GGTAC!C | 1 | 650 | | | | |
| Ksp632I | CTCTTCN! | 0 | | | | | |
| Ksp632I | !NNNNGAAGAG | 3 | 2225 | 3102 | 3312 | | |
| KspI | CCGC!GG | 1 | 653 | | | | |
| MaeI | C!TAG | 8 | 593 | 1413 | 1607 | 2025 | 2581 |
| | | | 3596 | 3930 | 4183 | | |
| MaeII | A!CGT | 16 | 123 | 135 | 176 | 259 | 340 |
| | | | 445 | 813 | 1323 | 1818 | 1830 |
| | | | 1873 | 1983 | 2874 | 3061 | 3842 |
| | | | 3975 | | | | |
| MaeIII | !GTNAC | 13 | 62 | 149 | 498 | 1273 | 1546 |
| | | | 2047 | 2059 | 2878 | 3184 | 3874 |
| | | | 4140 | 4256 | 4319 | | |
| MamI | GATNN!NNATC | 2 | 1420 | 2617 | | | |
| MboI | !GATC | 22 | 586 | 610 | 661 | 873 | 1254 |
| | | | 1415 | 2595 | 2599 | 2618 | 2929 |
| | | | 3007 | 3088 | 3097 | 3175 | 3551 |
| | | | 3567 | 3926 | 3938 | 4016 | 4024 |
| | | | 4035 | 4110 | | | |
| MboII | GAAGANNNNNNNN! | 5 | 2014 | 2242 | 3119 | 3329 | 3948 |
| MboII | !NNNNNNNTCTTC | 6 | 724 | 886 | 3409 | 3576 | 3776 |
| | | | 4019 | | | | |
| McrI | !CGRYCG | 5 | 668 | 960 | 1401 | 2663 | 4338 |
| MfeI | !CAATTG | 1 | 1507 | | | | |
| MflI | R!GATCY | 11 | 586 | 610 | 661 | 1254 | 2929 |
| | | | 3175 | 3567 | 3926 | 3938 | 4024 |
| | | | 4035 | | | | |
| MluI | A!CGCGT | 0 | | | | | |
| MmeI | !TCCRAC | 1 | 1825 | | | | |
| MmeI | !GTYGGA | 2 | 4301 | 4485 | | | |
| MnlI | CCTCNNNNNNN! | 9 | 1477 | 1486 | 2541 | 2547 | 3359 |
| | | | 3565 | 3879 | 4249 | 4573 | |
| MnlI | !NNNNNNNGAGG | 21 | 541 | 681 | 738 | 939 | 1289 |
| | | | 1329 | 1383 | 1436 | 1901 | 2232 |
| | | | 2510 | 2516 | 2553 | 2556 | 2568 |
| | | | 2608 | 2672 | 2808 | 3165 | 3595 |
| | | | 4498 | | | | |
| MroI | T!CCGGA | 0 | | | | | |
| MscI | TGG!CCA | 1 | 2840 | | | | |
| MseI | T!TAA | 16 | 8 | 1396 | 1459 | 1520 | 1641 |
| | | | 1662 | 1673 | 1685 | 1696 | 1713 |
| | | | 1811 | 2082 | 3901 | 3915 | 3920 |
| | | | 3972 | | | | |
| MspI | C!CGG | 21 | 602 | 658 | 668 | 834 | 1260 |
| | | | 1976 | 2663 | 2740 | 2762 | 2790 |
| | | | 2921 | 3011 | 3078 | 3259 | 3534 |
| | | | 3542 | 3634 | 4108 | 4298 | 4324 |

| | | | | | | | | |
|------------|-----------|----|------|------|------|------|------|--|
| | | | 4471 | | | | | |
| MstI | TGC!GCA | 1 | 2860 | | | | | |
| MstII | CC!TNAGG | 2 | 2238 | 3870 | | | | |
| MunI | C!AATTG | 1 | 1508 | | | | | |
| MvaI | CC!WGG | 12 | 91 | 284 | 932 | 2294 | 2349 | |
| | | | 2366 | 3145 | 3724 | 3827 | 4517 | |
| | | | 4530 | 4651 | | | | |
| MvnI | CG!CG | 20 | 61 | 652 | 1092 | 1245 | 1317 | |
| | | | 1335 | 1407 | 1682 | 2058 | 2078 | |
| | | | 2102 | 2133 | 2824 | 3125 | 3563 | |
| | | | 3647 | 3710 | 3779 | 4052 | 4633 | |
| NaeI | GCC!GGC | 3 | 1977 | 3260 | 3543 | | | |
| NarI | GG!CGCC | 1 | 2758 | | | | | |
| NciI | CC!SGG | 7 | 658 | 659 | 1260 | 2762 | 2922 | |
| | | | 3535 | 4299 | | | | |
| NcoI | C!CATGG | 4 | 361 | 678 | 2487 | 3190 | | |
| NdeI | CA!TATG | 1 | 235 | | | | | |
| NdeII | !GATC | 22 | 586 | 610 | 661 | 873 | 1254 | |
| | | | 1415 | 2595 | 2599 | 2618 | 2929 | |
| | | | 3007 | 3088 | 3097 | 3175 | 3551 | |
| | | | 3567 | 3926 | 3938 | 4016 | 4024 | |
| | | | 4035 | 4110 | | | | |
| NgoMI | G!CCGGC | 3 | 1975 | 3258 | 3541 | | | |
| NheI | G!CTAGC | 1 | 592 | | | | | |
| NlaIII | CATG! | 21 | 305 | 365 | 682 | 721 | 850 | |
| | | | 997 | 1090 | 1132 | 2188 | 2328 | |
| | | | 2400 | 2491 | 2632 | 2977 | 3163 | |
| | | | 3194 | 3220 | 3576 | 3960 | 4680 | |
| | | | 4731 | | | | | |
| NlaIV | GGN!NCC | 21 | 468 | 648 | 656 | 663 | 697 | |
| | | | 991 | 1081 | 1144 | 1913 | 1934 | |
| | | | 1946 | 2137 | 2298 | 2370 | 2759 | |
| | | | 2794 | 3642 | 3721 | 3766 | 4609 | |
| | | | 4648 | | | | | |
| NotI | GC!GGCCGC | 1 | 1402 | | | | | |
| NruI | TCG!CGA | 0 | | | | | | |
| NsiI | ATGCA!T | 3 | 2330 | 2402 | 4733 | | | |
| Nsp(7524)I | RCATG!Y | 5 | 1132 | 2328 | 2400 | 3163 | 4680 | |
| Nsp(7524)V | TT!CGAA | 2 | 628 | 3440 | | | | |
| NspBII | CMG!CKG | 7 | 652 | 1099 | 1162 | 2256 | 2864 | |
| | | | 4093 | 4338 | | | | |
| NspII | GDGCH!C | 13 | 621 | 658 | 819 | 891 | 1362 | |
| | | | 1949 | 2704 | 2797 | 2871 | 3061 | |
| | | | 3123 | 3833 | 4366 | | | |
| NspIII | C!YCGRG | 3 | 614 | 657 | 944 | | | |
| NspIV | G!GNCC | 16 | 84 | 277 | 654 | 655 | 695 | |
| | | | 949 | 1079 | 1142 | 1207 | 1262 | |
| | | | 1865 | 3274 | 3719 | 3765 | 3823 | |
| | | | 3856 | | | | | |
| NunII | GG!CGCC | 1 | 2758 | | | | | |
| PacI | TTAAT!TAA | 0 | | | | | | |
| Paer71 | C!TCGAG | 1 | 614 | | | | | |
| PalI | GG!CC | 32 | 85 | 278 | 656 | 696 | 756 | |
| | | | 776 | 951 | 1080 | 1143 | 1166 | |
| | | | 1197 | 1209 | 1263 | 1343 | 1404 | |
| | | | 1724 | 1866 | 2521 | 2527 | 2536 | |
| | | | 2579 | 2666 | 2840 | 3231 | 3258 | |
| | | | 3767 | 3824 | 3857 | 4202 | 4636 | |
| | | | 4654 | 4665 | | | | |

| | | | | | | | | |
|--------|-----------------|----|------|------|------|------|------|--|
| PflMI | CCANNNN!NTGG | 2 | 852 | 1102 | | | | |
| PleI | GAGTCNNNN! | 2 | 1809 | 2241 | | | | |
| PleI | !NNNNNGACTC | 6 | 405 | 599 | 1403 | 1817 | 3423 | |
| | | | 4300 | | | | | |
| PmaCI | CAC!GTG | 1 | 1324 | | | | | |
| PmeI | GTTT!AAAC | 0 | | | | | | |
| PmlI | CAC!GTG | 1 | 1324 | | | | | |
| PpuMI | RG!GWCCY | 0 | | | | | | |
| PshAI | GACNN!NNGTC | 0 | | | | | | |
| PstI | CTGCA!G | 1 | 639 | | | | | |
| PvuI | CGAT!CG | 0 | | | | | | |
| PvuII | CAG!CTG | 4 | 1099 | 1162 | 2256 | 2864 | | |
| RmaI | C!TAG | 8 | 593 | 1413 | 1607 | 2025 | 2581 | |
| | | | 3596 | 3930 | 4183 | | | |
| RsaI | GT!AC | 9 | 220 | 245 | 300 | 333 | 384 | |
| | | | 541 | 648 | 881 | 3064 | | |
| RsrI | G!AATTC | 1 | 630 | | | | | |
| RsrII | CG!GWCCG | 1 | 3274 | | | | | |
| SacI | GAGCT!C | 1 | 621 | | | | | |
| SacII | CCGC!GG | 1 | 653 | | | | | |
| SalI | G!TCGAC | 1 | 640 | | | | | |
| Sau3AI | !GATC | 22 | 586 | 610 | 661 | 873 | 1254 | |
| | | | 1415 | 2595 | 2599 | 2618 | 2929 | |
| | | | 3007 | 3088 | 3097 | 3175 | 3551 | |
| | | | 3567 | 3926 | 3938 | 4016 | 4024 | |
| | | | 4035 | 4110 | | | | |
| Sau96I | G!GNCC | 16 | 84 | 277 | 654 | 655 | 695 | |
| | | | 949 | 1079 | 1142 | 1207 | 1262 | |
| | | | 1865 | 3274 | 3719 | 3765 | 3823 | |
| | | | 3856 | | | | | |
| SauI | CC!TNAGG | 2 | 2238 | 3870 | | | | |
| ScaI | AGT!ACT | 0 | | | | | | |
| ScrFI | CC!NGG | 19 | 91 | 284 | 658 | 659 | 932 | |
| | | | 1260 | 2294 | 2349 | 2366 | 2762 | |
| | | | 2922 | 3145 | 3535 | 3724 | 3827 | |
| | | | 4299 | 4517 | 4530 | 4651 | | |
| SduI | GDGCH!C | 13 | 621 | 658 | 819 | 891 | 1362 | |
| | | | 1949 | 2704 | 2797 | 2871 | 3061 | |
| | | | 3123 | 3833 | 4366 | | | |
| SecI | C!CNNGG | 23 | 361 | 650 | 657 | 678 | 799 | |
| | | | 930 | 945 | 1138 | 1258 | 2292 | |
| | | | 2364 | 2487 | 2522 | 2531 | 2580 | |
| | | | 2921 | 3190 | 3595 | 3722 | 3723 | |
| | | | 3825 | 3826 | 4516 | | | |
| SexI | !CTCGAG | 1 | 613 | | | | | |
| SfaNI | GCATCNNNNN! | 10 | 924 | 966 | 1053 | 1374 | 1574 | |
| | | | 2337 | 2409 | 3057 | 3121 | 3396 | |
| SfaNI | !NNNNNNNNNGATGC | 5 | 358 | 2716 | 2971 | 3187 | 4579 | |
| SfcI | C!TRYAG | 4 | 635 | 2093 | 4220 | 4411 | | |
| SfiI | GGCCNNNN!NGGCC | 1 | 2533 | | | | | |
| SfuI | TT!CGAA | 2 | 628 | 3440 | | | | |
| SgrAI | CR!CCGGYG | 0 | | | | | | |
| SinI | G!GWCC | 2 | 3274 | 3719 | | | | |
| SmaI | CCC!GGG | 1 | 659 | | | | | |
| SnaBI | TAC!GTA | 1 | 341 | | | | | |
| SnaI | !GTATAC | 0 | | | | | | |
| SnoI | G!TGCAC | 2 | 815 | 4362 | | | | |
| SpeI | A!CTAGT | 0 | | | | | | |
| SphI | GCATG!C | 3 | 2328 | 2400 | 3163 | | | |

| | | | | | | | | |
|-----------|-------------------|----|------|------|------|------|------|--|
| SplI | C!GTACG | 0 | | | | | | |
| SrfI | GCCC!GGGC | 0 | | | | | | |
| Sse8387I | CCTGCA!GG | 0 | | | | | | |
| SspI | AAT!ATT | 2 | 1666 | 2219 | | | | |
| SstI | GAGCT!C | 1 | 621 | | | | | |
| SstII | CCGC!GG | 1 | 653 | | | | | |
| SstIII | !ACGT | 16 | 122 | 134 | 175 | 258 | 339 | |
| | | | 444 | 812 | 1322 | 1817 | 1829 | |
| | | | 1872 | 1982 | 2873 | 3060 | 3841 | |
| | | | 3974 | | | | | |
| StuI | AGG!CCT | 1 | 2579 | | | | | |
| StyI | C!CWGGG | 6 | 361 | 678 | 2487 | 2580 | 3190 | |
| | | | 3595 | | | | | |
| StySJI | !GAGNNNNNNNGTRC | 0 | | | | | | |
| StySJI | !GYACNNNNNNNCTC | 0 | | | | | | |
| SwaI | ATTT!AAAT | 0 | | | | | | |
| TaqI | T!CGA | 19 | 615 | 628 | 641 | 738 | 960 | |
| | | | 978 | 1215 | 1251 | 1907 | 2598 | |
| | | | 2871 | 3027 | 3051 | 3087 | 3249 | |
| | | | 3440 | 3485 | 3740 | 4578 | | |
| TaqII | GACCGANNNNNNNNNN! | 3 | 1778 | 2795 | 3463 | | | |
| TaqII | !NNNNNNNNNTCGGTC | 1 | 3707 | | | | | |
| TaqII | CACCCANNNNNNNNNN! | 0 | | | | | | |
| TaqII | !NNNNNNNNNTGGGTG | 3 | 173 | 2662 | 3254 | | | |
| TfiI | G!AWTC | 5 | 3243 | 3377 | 3487 | 3524 | 4702 | |
| ThaI | CG!CG | 20 | 61 | 652 | 1092 | 1245 | 1317 | |
| | | | 1335 | 1407 | 1682 | 2058 | 2078 | |
| | | | 2102 | 2133 | 2824 | 3125 | 3563 | |
| | | | 3647 | 3710 | 3779 | 4052 | 4633 | |
| Tsp45I | !GTSAC | 4 | 1273 | 2047 | 2878 | 3184 | | |
| TspEI | !AATT | 11 | 19 | 630 | 1508 | 1572 | 1650 | |
| | | | 1676 | 1687 | 2334 | 2406 | 2498 | |
| | | | 3916 | | | | | |
| Tth111I | GACN!NNGTC | 1 | 2876 | | | | | |
| Tth111II | CAARCANNNNNNNNNN! | 2 | 1304 | 4085 | | | | |
| Tth111III | !NNNNNNNNNTGYTTG | 3 | 3193 | 4053 | 4092 | | | |
| TthHB8I | T!CGA | 19 | 615 | 628 | 641 | 738 | 960 | |
| | | | 978 | 1215 | 1251 | 1907 | 2598 | |
| | | | 2871 | 3027 | 3051 | 3087 | 3249 | |
| | | | 3440 | 3485 | 3740 | 4578 | | |
| Van91I | CCANNNN!NTGG | 2 | 852 | 1102 | | | | |
| VspI | AT!TAAT | 1 | 8 | | | | | |
| XbaI | T!CTAGA | 1 | 1412 | | | | | |
| XcmI | !CCANNNNNNNNNNTCG | 1 | 3033 | | | | | |
| XcyI | C!CCGGG | 1 | 657 | | | | | |
| XhoI | C!TCGAG | 1 | 614 | | | | | |
| XhoII | R!GATCY | 11 | 586 | 610 | 661 | 1254 | 2929 | |
| | | | 3175 | 3567 | 3926 | 3938 | 4024 | |
| | | | 4035 | | | | | |
| XmaI | C!CCGGG | 1 | 657 | | | | | |
| XmaIII | C!GGCCG | 2 | 1402 | 2664 | | | | |
| XmnI | GAANN!NNTTC | 0 | | | | | | |
| XorII | CGAT!CG | 0 | | | | | | |