

## pACYC184 DNA: Location of Sites

|            |   |      |      |      |      |      |      |
|------------|---|------|------|------|------|------|------|
| AhdI       | 1 | 3204 |      |      |      |      |      |
| AseI       | 1 | 1406 |      |      |      |      |      |
| AvaI       | 1 | 2920 |      |      |      |      |      |
| BamHI      | 1 | 1870 |      |      |      |      |      |
| BclI       | 1 | 3542 |      |      |      |      |      |
| BfuAI      | 1 | 2558 |      |      |      |      |      |
| BmeI580I   | 1 | 3779 |      |      |      |      |      |
| BsaBI      | 1 | 3442 |      |      |      |      |      |
| BseYI      | 1 | 2444 |      |      |      |      |      |
| BsoBI      | 1 | 2920 |      |      |      |      |      |
| BspDI      | 1 | 1518 |      |      |      |      |      |
| BspHI      | 1 | 1984 |      |      |      |      |      |
| BspMI      | 1 | 2558 |      |      |      |      |      |
| BsrDI      | 1 | 4234 |      |      |      |      |      |
| BssSI      | 1 | 960  |      |      |      |      |      |
| BstAPI     | 1 | 2540 |      |      |      |      |      |
| BstZ17I    | 1 | 594  |      |      |      |      |      |
| Bsu36I     | 1 | 3592 |      |      |      |      |      |
| BtsI       | 1 | 3620 |      |      |      |      |      |
| Clal       | 1 | 1518 |      |      |      |      |      |
| DrdI       | 1 | 3696 |      |      |      |      |      |
| EagI       | 1 | 2434 |      |      |      |      |      |
| EarI       | 1 | 1447 |      |      |      |      |      |
| EcoNI      | 1 | 2117 |      |      |      |      |      |
| EcoRI      | 1 | 1    |      |      |      |      |      |
| EcoRV      | 1 | 1680 |      |      |      |      |      |
| HindIII    | 1 | 1524 |      |      |      |      |      |
| NcoI       | 1 | 3945 |      |      |      |      |      |
| NruI       | 1 | 2467 |      |      |      |      |      |
| PflFI      | 1 | 3699 |      |      |      |      |      |
| SacII      | 1 | 832  |      |      |      |      |      |
| Sall       | 1 | 2146 |      |      |      |      |      |
| ScaI       | 1 | 3831 |      |      |      |      |      |
| SfcI       | 1 | 1633 |      |      |      |      |      |
| SphI       | 1 | 2057 |      |      |      |      |      |
| TatI (x)   | 1 | 3831 |      |      |      |      |      |
| Tth111I    | 1 | 3699 |      |      |      |      |      |
| XbaI       | 1 | 1425 |      |      |      |      |      |
| XmnI       | 1 | 635  |      |      |      |      |      |
| AccI       | 2 | 594  | 2146 |      |      |      |      |
| AclI       | 2 | 2395 | 4160 |      |      |      |      |
| AcuI       | 2 | 1464 | 3151 |      |      |      |      |
| BanII      | 2 | 1966 | 1980 |      |      |      |      |
| BglI       | 2 | 2203 | 3297 |      |      |      |      |
| BglI       | 2 | 2424 | 2658 |      |      |      |      |
| BmtI       | 2 | 583  | 1724 |      |      |      |      |
| BsaAI      | 2 | 310  | 3142 |      |      |      |      |
| BseRI      | 2 | 1202 | 1269 |      |      |      |      |
| BsgI       | 2 | 665  | 3424 |      |      |      |      |
| BsmBI      | 2 | 324  | 4028 |      |      |      |      |
| BspEI      | 2 | 5    | 3438 |      |      |      |      |
| BsrBI      | 2 | 755  | 3223 |      |      |      |      |
| BstBI      | 2 | 1319 | 3717 |      |      |      |      |
| BstYI      | 2 | 1870 | 3441 |      |      |      |      |
| DraI       | 2 | 83   | 3989 |      |      |      |      |
| FspAI (x)  | 2 | 1754 | 2948 |      |      |      |      |
| HincII     | 2 | 2146 | 3212 |      |      |      |      |
| MscI       | 2 | 2939 | 3981 |      |      |      |      |
| NheI       | 2 | 583  | 1724 |      |      |      |      |
| NmeAIII    | 2 | 1611 | 2663 |      |      |      |      |
| NspI       | 2 | 1158 | 2057 |      |      |      |      |
| PpuMI      | 2 | 2933 | 2975 |      |      |      |      |
| PshAI      | 2 | 2207 | 3301 |      |      |      |      |
| PvuII      | 2 | 103  | 515  |      |      |      |      |
| SgrAI      | 2 | 668  | 1904 |      |      |      |      |
| SspI       | 2 | 1419 | 3936 |      |      |      |      |
| StyI       | 2 | 2864 | 3945 |      |      |      |      |
| AlwNI      | 3 | 532  | 1181 | 3519 |      |      |      |
| ApoI       | 3 | 1    | 3708 | 3720 |      |      |      |
| BbsI       | 3 | 2232 | 3095 | 3326 |      |      |      |
| BmrI       | 3 | 1799 | 2105 | 2174 |      |      |      |
| Bpu10I     | 3 | 228  | 3075 | 3578 |      |      |      |
| BsmAI      | 3 | 325  | 1025 | 4028 |      |      |      |
| BsmI       | 3 | 14   | 2848 | 3852 |      |      |      |
| CviQI      | 3 | 125  | 1659 | 3832 |      |      |      |
| EciI       | 3 | 778  | 859  | 2888 |      |      |      |
| FspI       | 3 | 1755 | 2851 | 2949 |      |      |      |
| RsaI       | 3 | 125  | 1659 | 3832 |      |      |      |
| AgeI       | 4 | 669  | 993  | 3182 | 3642 |      |      |
| AlwI       | 4 | 1870 | 1871 | 2592 | 3441 |      |      |
| BfaI       | 4 | 584  | 1426 | 1725 | 2984 |      |      |
| BpmI       | 4 | 493  | 2306 | 2896 | 4145 |      |      |
| BpuEI      | 4 | 1138 | 1389 | 2159 | 2365 |      |      |
| BsaHI      | 4 | 1908 | 1929 | 2043 | 2700 |      |      |
| EcoO109I   | 4 | 2018 | 2933 | 2975 | 3388 |      |      |
| KasI       | 4 | 1908 | 1929 | 2043 | 2700 |      |      |
| MlyI       | 4 | 724  | 1141 | 2127 | 3210 |      |      |
| MslI       | 4 | 285  | 2522 | 2953 | 3427 |      |      |
| NarI       | 4 | 1908 | 1929 | 2043 | 2700 |      |      |
| Nt.BstNBI  | 4 | 724  | 1141 | 2127 | 3210 |      |      |
| PflMI      | 4 | 337  | 2810 | 2859 | 4015 |      |      |
| PleI       | 4 | 724  | 1141 | 2127 | 3210 |      |      |
| SfoI       | 4 | 1908 | 1929 | 2043 | 2700 |      |      |
| SmlI       | 4 | 1138 | 1389 | 2159 | 2365 |      |      |
| TspGWI (x) | 4 | 407  | 2796 | 3105 | 4243 |      |      |
| AfeI       | 5 | 580  | 1727 | 1989 | 2270 | 3501 |      |
| AvaII      | 5 | 2294 | 2382 | 2631 | 2934 | 2976 |      |
| BsiHKA I   | 5 | 490  | 1771 | 2082 | 2669 | 2960 |      |
| BtgZI      | 5 | 1700 | 2881 | 3448 | 3825 | 4152 |      |
| MmeI       | 5 | 298  | 1105 | 1144 | 1692 | 1779 |      |
| NaeI       | 5 | 1896 | 2264 | 2424 | 2778 | 3358 |      |
| NgoMIV     | 5 | 1896 | 2264 | 2424 | 2778 | 3358 |      |
| TfiI       | 5 | 2347 | 2501 | 2799 | 3020 | 3897 |      |
| BceAI      | 6 | 92   | 556  | 842  | 2089 | 2646 |      |
| BsiEI      | 6 | 3881 | 737  | 1107 | 1781 | 2148 | 2434 |
| BtgI       | 6 | 832  | 2023 | 2942 | 3384 | 3566 |      |
| Hpy8I (x)  | 6 | 594  | 989  | 2146 | 3212 | 3646 |      |
| HpyAV      | 6 | 1317 | 2167 | 2185 | 2371 | 2488 |      |

There are no restriction sites for the following enzymes:  
AarI(x), AatII, Acc65I, AflII, AflIII, AleI, ApaI, ApaLI, AscI, AsiSI, AvrII, BaeI, BbvCI, BciVI, BglIII, BlpI, BmgBI, BsaI, BsaXI, BsiWI, BspQI, BsrGI, BssHII, BstEII, BstXI, CspCI, DraIII, FseI, HpaI, I-CeuI, I-SceI, KpnI, MfeI, MluI, NdeI, NotI, NsiI, P1-PspI, PI-SceI, PacI, PaeR7I, PciI, PmeI, PmlI, PsiI, PspOMI, PspXI, PstI, PvuI, RsrII, SacI, SanDI(x), SapI, SbfI, SexAI, SfiI, SmaI, SnaBI, SpeI, SrfI(x), StuI, SwaI, TliI, TspMI, XcmI, XhoI, XmaI, ZraI

(x) = enzyme not available from NEB