

pBR322 DNA: Location of Sites

| | | | |
|-----------|---|------|------|
| AatII | 1 | 4284 | |
| AflIII | 1 | 2473 | |
| AhdI | 1 | 3361 | |
| AlwNI | 1 | 2884 | |
| ApoI | 1 | 4359 | |
| AseI | 1 | 3537 | |
| AvaI | 1 | 1425 | |
| BamHI | 1 | 375 | |
| BfuAI | 1 | 1063 | |
| BmtI | 1 | 229 | |
| Bpu10I | 1 | 1580 | |
| BsaAI | 1 | 2225 | |
| BsaBI | 1 | 1668 | |
| BsaI | 1 | 3433 | |
| BsgI | 1 | 1650 | |
| BsmBI | 1 | 2122 | |
| BsmI | 1 | 1353 | |
| BsoBI | 1 | 1425 | |
| BspDI | 1 | 23 | |
| BspEI | 1 | 1664 | |
| BspMI | 1 | 1063 | |
| BspQI | 1 | 2350 | |
| BstZ17I | 1 | 2244 | |
| Clal | 1 | 23 | |
| EagI | 1 | 939 | |
| EcoNI | 1 | 622 | |
| EcoRI | 1 | 4359 | |
| EcoRV | 1 | 185 | |
| HindIII | 1 | 29 | |
| MscI | 1 | 1444 | |
| NdeI | 1 | 2295 | |
| NheI | 1 | 229 | |
| NruI | 1 | 972 | |
| PciI | 1 | 2473 | |
| PflFI | 1 | 2217 | |
| PshAI | 1 | 712 | |
| PstI | 1 | 3607 | |
| PvuI | 1 | 3733 | |
| PvuII | 1 | 2064 | |
| SalI | 1 | 651 | |
| SapI | 1 | 2350 | |
| Scal | 1 | 3844 | |
| SgrAI | 1 | 409 | |
| SphI | 1 | 562 | |
| SspI | 1 | 4168 | |
| StyI | 1 | 1369 | |
| Tth111I | 1 | 2217 | |
| ZraI | 1 | 4284 | |
| AccI | 2 | 651 | 2244 |
| AcuI | 2 | 3000 | 4048 |
| BanII | 2 | 471 | 485 |
| BciVI | 2 | 2682 | 4209 |
| BseYI | 2 | 949 | 2777 |
| BsrBI | 2 | 2404 | 4205 |
| BsrDI | 2 | 3420 | 3602 |
| BstAPI | 2 | 1045 | 2291 |
| BtgI | 2 | 528 | 1447 |
| BtsI | 2 | 3759 | 3787 |
| DrdI | 2 | 2162 | 2575 |
| EarI | 2 | 2351 | 4155 |
| FspAI (x) | 2 | 259 | 1453 |
| HincII | 2 | 651 | 3905 |
| PflMI | 2 | 1315 | 1364 |
| PpuMI | 2 | 1438 | 1480 |

| | | | | | | |
|------------|---|------|------|------|------|------|
| TatI (x) | 2 | 2279 | 3844 | | | |
| XmnI | 2 | 2029 | 3961 | | | |
| ApaLI | 3 | 2289 | 2787 | 4033 | | |
| BbsI | 3 | 737 | 1600 | 4351 | | |
| BceAI | 3 | 594 | 1151 | 2959 | | |
| BcgI | 3 | 708 | 2063 | 3882 | | |
| BglI | 3 | 929 | 1163 | 3480 | | |
| Bme1580I | 3 | 2289 | 2787 | 4033 | | |
| BsmAI | 3 | 2122 | 3433 | 4198 | | |
| BssSI | 3 | 2646 | 4030 | 4337 | | |
| BtgZI | 3 | 205 | 1386 | 1674 | | |
| CviQI | 3 | 164 | 2280 | 3845 | | |
| DraI | 3 | 3230 | 3249 | 3941 | | |
| NmeAIII | 3 | 116 | 1168 | 3489 | | |
| RsaI | 3 | 164 | 2280 | 3845 | | |
| AclI | 4 | 900 | 1799 | 3591 | 3964 | |
| AfeI | 4 | 232 | 494 | 775 | 1727 | |
| BpmI | 4 | 811 | 1401 | 1981 | 3451 | |
| BsmFI | 4 | 538 | 888 | 1084 | 1761 | |
| BspHI | 4 | 489 | 3193 | 4201 | 4306 | |
| Ecil | 4 | 1393 | 2545 | 2691 | 3519 | |
| EcoO109I | 4 | 523 | 1438 | 1480 | 4341 | |
| FspI | 4 | 260 | 1356 | 1454 | 3586 | |
| KasI | 4 | 413 | 434 | 548 | 1205 | |
| MlyI | 4 | 632 | 2373 | 2844 | 3361 | |
| MmeI | 4 | 197 | 284 | 2663 | 2847 | |
| NaeI | 4 | 401 | 769 | 929 | 1283 | |
| NarI | 4 | 413 | 434 | 548 | 1205 | |
| NgoMIV | 4 | 401 | 769 | 929 | 1283 | |
| NspI | 4 | 562 | 1816 | 2108 | 2473 | |
| Nt.BstNBI | 4 | 632 | 2373 | 2844 | 3361 | |
| PleI | 4 | 632 | 2373 | 2844 | 3361 | |
| SfcI | 4 | 138 | 2738 | 2929 | 3607 | |
| SfoI | 4 | 413 | 434 | 548 | 1205 | |
| BfaI | 5 | 230 | 1489 | 2968 | 3221 | 3556 |
| BmrI | 5 | 304 | 610 | 679 | 2219 | 3411 |
| BsaWI | 5 | 693 | 1664 | 2679 | 2826 | 3657 |
| TspGWI (x) | 5 | 1301 | 1610 | 1903 | 3816 | 4133 |
| BpuEI | 6 | 664 | 870 | 2579 | 2841 | 3118 |
| BsaHI | 6 | 413 | 434 | 548 | 1205 | 3902 |
| BstNI | 6 | 130 | 1059 | 1442 | 2500 | 2621 |
| EaeI | 6 | 295 | 399 | 531 | 939 | 1444 |
| MspAII | 6 | 1139 | 2064 | 2183 | 2813 | 3058 |
| PspGI | 6 | 130 | 1059 | 1442 | 2500 | 2621 |
| SmlI | 6 | 664 | 870 | 2579 | 2841 | 3118 |
| TfiI | 6 | 852 | 1006 | 1304 | 1525 | 2029 |

There are no restriction sites for the following enzymes:

AarI (x), Acc65I, AflII, AgeI, AleI, ApaI, AscI, AsiSI, AvrII, BaeI, BbvCI, BclI, BglII, BlpI, BmgBI, BsaXI, BseRI, BsiWI, BsrGI, BssHII, BstBI, BstEII, BstXI, Bsu36I, CspCI, DraIII, FseI, HpaI, I-CeuI, I-SceI, KpnI, MfeI, MluI, NcoI, NotI, NsiI, P1-PspI, PI-SceI, PacI, PaeR7I, PmeI, PmlI, PsiI, PspOMI, PspXI, RsrII, SacI, SacII, SanDI (x), SbfI, SexAI, SfiI, SmaI, SnaBI, SpeI, SrfI (x), StuI, SwaI, TliI, TspMI, XbaI, XcmI, XhoI, XmaI

(x) = enzyme not available from NEB