

## pGLuc-Basic: Location of Sites

|   |   |      |      |      |      |      |
|---|---|------|------|------|------|------|
| AatII   | 1 | 4915 |      |      |      |      |
| Acc65I  | 1 | 51   |      |      |      |      |
| AflIII  | 1 | 3104 |      |      |      |      |
| AvrII   | 1 | 1543 |      |      |      |      |
| BamHI   | 1 | 63   |      |      |      |      |
| BbsI  | 1 | 145  |      |      |      |      |
| BcgI  | 1 | 4513 |      |      |      |      |
| BclI  | 1 | 1594 |      |      |      |      |
| BglI  | 1 | 4111 |      |      |      |      |
| BglII   | 1 | 12   |      |      |      |      |
| BsaI  | 1 | 4064 |      |      |      |      |
| BseRI   | 1 | 1524 |      |      |      |      |
| BsmI  | 1 | 2673 |      |      |      |      |
| BssHII  | 1 | 2150 |      |      |      |      |
| BstBI   | 1 | 2434 |      |      |      |      |
| BstZ17I   | 1 | 2723 |      |      |      |      |
| DraIII  | 1 | 1014 |      |      |      |      |
| EcoRI   | 1 | 20   |      |      |      |      |
| EcoRV   | 1 | 30   |      |      |      |      |
| HindIII   | 1 | 45   |      |      |      |      |
| KasI  | 1 | 1752 |      |      |      |      |
| KpnI  | 1 | 51   |      |      |      |      |
| NarI  | 1 | 1752 |      |      |      |      |
| NotI  | 1 | 634  |      |      |      |      |
| NruI  | 1 | 179  |      |      |      |      |
| PciI  | 1 | 3104 |      |      |      |      |
| PflFI   | 1 | 1868 |      |      |      |      |
| RsrII   | 1 | 2268 |      |      |      |      |
| SacI  | 1 | 57   |      |      |      |      |
| SacII   | 1 | 204  |      |      |      |      |
| ScaI  | 1 | 4475 |      |      |      |      |
| SexAI   | 1 | 1310 |      |      |      |      |
| SfoI  | 1 | 1752 |      |      |      |      |
| SmaI  | 1 | 1564 |      |      |      |      |
| SspI  | 1 | 4799 |      |      |      |      |
| StuI  | 1 | 1540 |      |      |      |      |
| TatI (x)  | 1 | 4475 |      |      |      |      |
| TspMI   | 1 | 1564 |      |      |      |      |
| Th111I  | 1 | 1868 |      |      |      |      |
| XbaI  | 1 | 653  |      |      |      |      |
| XmaI  | 1 | 1564 |      |      |      |      |
| ZraI  | 1 | 4915 |      |      |      |      |
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| AccI  | 2 | 4222 | 4595 |      |      |      |
| AhdI  | 2 | 373  | 3992 |      |      |      |
| AlwNI   | 2 | 285  | 3515 |      |      |      |
| BsaAI   | 2 | 1014 | 2055 |      |      |      |
| BsaBI   | 2 | 102  | 1608 |      |      |      |
| BspHI   | 2 | 3824 | 4832 |      |      |      |
| BstAPI  | 2 | 1282 | 1354 |      |      |      |
| EagI  | 2 | 635  | 1659 |      |      |      |
| FspI  | 2 | 1853 | 4217 |      |      |      |
| MscI  | 2 | 167  | 1833 |      |      |      |
| PaeRTI  | 2 | 36   | 641  |      |      |      |
| PsiI  | 2 | 1142 | 2610 |      |      |      |
| PspXI   | 2 | 35   | 640  |      |      |      |
| PstI  | 2 | 25   | 1802 |      |      |      |
| PvuI  | 2 | 407  | 4364 |      |      |      |
| TliI  | 2 | 36   | 641  |      |      |      |
| XhoI  | 2 | 36   | 641  |      |      |      |
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| ApaLI   | 3 | 318  | 3418 | 4664 |      |      |
| ApoI  | 3 | 20   | 1199 | 2643 |      |      |
| AvaI  | 3 | 36   | 641  | 1564 |      |      |
| AvaII   | 3 | 2269 | 4135 | 4357 |      |      |
| BmrI  | 3 | 1427 | 1692 | 4042 |      |      |
| BsaXI   | 3 | 79   | 1063 | 2957 |      |      |
| BsgI  | 3 | 279  | 492  | 526  |      |      |
| BsmAI   | 3 | 1601 | 4064 | 4829 |      |      |
| BsoBI   | 3 | 36   | 641  | 1564 |      |      |
| BspQI   | 3 | 2102 | 2312 | 2981 |      |      |
| BsrDI   | 3 | 1979 | 4051 | 4233 |      |      |
| CviQI   | 3 | 52   | 2058 | 4476 |      |      |
| DraI  | 3 | 3861 | 3880 | 4572 |      |      |
| DrdI  | 3 | 1057 | 1774 | 3206 |      |      |
| HincII  | 3 | 412  | 2730 | 4918 |      |      |
| MmeI  | 3 | 1060 | 3294 | 3478 |      |      |
| NaeI  | 3 | 911  | 2253 | 2536 |      |      |
| NgoMIV  | 3 | 911  | 2253 | 2536 |      |      |
| NsiI  | 3 | 648  | 1289 | 1361 |      |      |
| PvuII   | 3 | 760  | 1857 | 2926 |      |      |
| RsaI  | 3 | 52   | 2058 | 4476 |      |      |
| SalI  | 3 | 412  | 2730 | 4918 |      |      |
| SapI  | 3 | 2102 | 2312 | 2981 |      |      |
| <hr/>   |   |      |      |      |      |      |
| AccI  | 4 | 412  | 2723 | 2730 | 4918 |      |
| AcuI  | 4 | 1878 | 2310 | 3631 | 4679 |      |
| AseI  | 4 | 1212 | 2874 | 2933 | 4168 |      |
| BciVI   | 4 | 778  | 1961 | 3313 | 4840 |      |
| BfuAI   | 4 | 539  | 1649 | 2012 | 2462 |      |
| BpmI  | 4 | 235  | 2551 | 2572 | 4082 |      |
| BsaWI   | 4 | 1784 | 3310 | 3457 | 4288 |      |
| BspMI   | 4 | 539  | 1649 | 2012 | 2462 |      |
| BssSI   | 4 | 2345 | 2471 | 3277 | 4661 |      |
| EarI  | 4 | 2102 | 2312 | 2982 | 4786 |      |
| NcoI  | 4 | 74   | 452  | 1450 | 2185 |      |
| NmeAIII   | 4 | 118  | 1484 | 1952 | 4120 |      |
| XmnI  | 4 | 333  | 657  | 1210 | 4592 |      |
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| BceAI   | 5 | 163  | 973  | 1727 | 2163 | 3590 |
| BmeI580I  | 5 | 318  | 1695 | 1788 | 3418 | 4664 |
| BsaHI   | 5 | 1752 | 2454 | 2533 | 4533 | 4915 |
| BseYI   | 5 | 716  | 762  | 1336 | 2257 | 3408 |
| BtsI  | 5 | 528  | 2669 | 2891 | 4390 | 4418 |
| HaeII   | 5 | 857  | 865  | 1752 | 2978 | 3348 |
| MslI  | 5 | 108  | 2186 | 4245 | 4404 | 4763 |
| SphI  | 5 | 646  | 712  | 1287 | 1359 | 2154 |
| StyI  | 5 | 74   | 452  | 1450 | 1543 | 2185 |
| TspGWI (x)  | 5 | 2    | 187  | 4447 | 4764 | 4922 |
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| There are no restriction sites for the following enzymes:   |   |      |      |      |      |      |
| AarI (x), AfeI, AflII, AgeI, AleI, ApaI, AscI, AsiSI, BaeI, BbvCI, BlpI, BmgBI, BmtI, Bpu10I, BsiWI, BsmBI, BspDI, BspEI, BsrGI, BstEII, BstXI, Bsu36I, ClaI, CspCI, EcoNI, EcoO109I, FseI, FspAI (x), HpaI, I-CeuI, I-SceI, MfeI, MluI, NdeI, NheI, PI-PspI, PI-SceI, PacI, PflMI, PmeI, PmlI, PpuMI, PshAI, PspOMI, SanDI (x), SbfI, SfiI, SgrAI, SnaBI, SpeI, SrfI (x), SwaI, XcmI |   |      |      |      |      |      |
| (x) = enzyme not available from NEB   |   |      |      |      |      |      |