



General Description

DNA Kan^R Transposon

Entire molecule length: 1212 bp

Restriction Map

| Enzyme | # of cuts | Positions |
|----------|-----------|--|
| AccI | 1 | 100 |
| Acil | 8 | 10(c) 61(c) 65 117 119(c) 276 1114(c) 1202 |
| Acsl | 3 | 81 284 468 |
| AluI | 2 | 95 791 |
| AlwI | 7 | 64 116(c) 129 533(c) 928 1149(c) 1162 |
| ApoI | 3 | 81 284 468 |
| Asel | 1 | 870 |
| AsnI | 1 | 870 |
| AvaI | 3 | 87 269 543 |
| BamHI | 2 | 121 1154 |
| BanII | 1 | 326 |
| BclI | 1 | 69 |
| BfaI | 2 | 76 126 |
| BmyI | 1 | 326 |
| BsaJI | 4 | 117 542 543 944 |
| BsaWI | 1 | 806 |
| BsiEI | 5 | 65 113 117 671 1147 |
| BsiYI | 3 | 585 917 934 |
| BsII | 3 | 585 917 934 |
| BsmAI | 2 | 148 687 |
| BsmFI | 1 | 1122 |
| BsmI | 2 | 555(c) 632(c) |
| Bsp1286I | 1 | 326 |
| BspDI | 1 | 362 |
| BspHI | 1 | 189 |
| BspWI | 3 | 383 415 629 |
| BsrDI | 1 | 163(c) |
| BsrFI | 2 | 112 625 |
| BsrI | 2 | 462 1086 |
| BstNI | 2 | 561 918 |
| BstUI | 7 | 26 61 119 278 328 673 1188 |
| BstYI | 3 | 121 920 1154 |
| CfoI | 6 | 15 386 608 625 695 1201 |
| Cfr10I | 2 | 112 625 |
| Clal | 1 | 362 |
| Csp6I | 1 | 505 |
| Ddel | 1 | 688 |
| DpnI | 9 | 3 58 71 123 540 670 922 1156 1211 |
| DpnII | 9 | 1 56 69 121 538 668 |

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| | | 920 1154 1209 |
| Dralll | 1 | 140 |
| Dsal | 1 | 117 |
| DsaV | 4 | 542 543 559 916 |
| Eael | 3 | 62 110 114 |
| Eagl | 3 | 62 110 114 |
| Earl | 1 | 484 |
| EclXI | 3 | 62 110 114 |
| Eco57I | 2 | 26 1190(c) |
| EcoNI | 1 | 583 |
| EcoRI | 1 | 81 |
| EcoRII | 2 | 559 916 |
| EcoRV | 1 | 107 |
| Esp3I | 1 | 687 |
| Fnu4HI | 7 | 11 62 65 117 276 1115 1202 |
| FnuDII | 7 | 26 61 119 278 328 673 1188 |
| FokI | 2 | 309 915(c) |
| HaeIII | 5 | 64 112 116 275 758 |
| HhaI | 6 | 15 386 608 625 695 1201 |
| HinP1I | 6 | 13 384 606 623 693 1199 |
| HincII | 1 | 101 |
| HindII | 1 | 101 |
| HindIII | 2 | 93 789 |
| Hinfl | 5 | 582 638 810 895 901 |
| HpaII | 4 | 113 544 626 807 |
| HphI | 5 | 521(c) 600 796(c) 840 960 |
| Ital | 7 | 11 62 65 117 276 1115 1202 |
| Ksp632I | 1 | 484 |
| KspI | 1 | 120 |
| MaeI | 2 | 76 126 |
| MaeII | 2 | 136 261 |
| MaeIII | 5 | 159 431 523 818 1075 |
| MboI | 9 | 1 56 69 121 538 668 920 1154 1209 |
| MbolI | 2 | 471(c) 582 |
| McrI | 5 | 65 113 117 671 1147 |
| MnII | 5 | 96 265(c) 487 854(c) 954 |
| MseI | 4 | 282 661 870 1066 |
| MspA1I | 2 | 67 119 |
| MspI | 4 | 113 544 626 807 |
| MvaI | 2 | 561 918 |
| MvnI | 7 | 26 61 119 278 328 673 1188 |
| MwoI | 3 | 383 415 629 |
| NaeI | 1 | 114 |

| | | |
|---------|---|---|
| Ncil | 2 | 544 545 |
| Ndell | 9 | 1 56 69 121 538 668 920 1154 1209 |
| NgoMI | 1 | 112 |
| NlaIII | 5 | 193 296 408 523 828 |
| NlaIV | 2 | 123 1156 |
| NotI | 1 | 62 |
| Nrul | 1 | 328 |
| Nsil | 2 | 521 787 |
| PaeR7I | 2 | 87 269 |
| PflMI | 1 | 934 |
| PleI | 1 | 903 |
| Ppu10I | 2 | 517 783 |
| Pvul | 1 | 671 |
| Rcal | 1 | 189 |
| Rsal | 1 | 506 |
| SacII | 1 | 120 |
| Sall | 1 | 99 |
| Sau3AI | 9 | 1 56 69 121 538 668 920 1154 1209 |
| ScrFI | 4 | 544 545 561 918 |
| SfaNI | 6 | 287(c) 371(c) 506(c) 593(c) 713(c) 1024(c) |
| SmaI | 1 | 545 |
| Sspl | 1 | 596 |
| TaqI | 8 | 88 100 270 362 636 1039 1132 1147 |
| TfiI | 4 | 582 638 810 901 |
| ThaI | 7 | 26 61 119 278 328 673 1188 |
| Tru9I | 4 | 282 661 870 1066 |
| Tsp509I | 8 | 81 284 468 650 867 1017 1059 1067 |
| Van91I | 1 | 934 |
| XbaI | 1 | 75 |
| XhoI | 2 | 87 269 |
| XhoII | 3 | 121 920 1154 |
| XmaI | 1 | 543 |
| XmaIII | 3 | 62 110 114 |

No cuts: AatI, AatII, Acc65I, AccIII, AcyI, AflII, AflIII, AgeI, Alw44I, AlwNI, AoiI, ApaI, ApaLI, AscI, Asp700, Asp718, AspEI, AspHI, AspI, AsuII, AvaII, AviII, AvrII, BanI, BbrPI, BbsI, BbvI, BcgI, BfrI, BglI, BglII, BlnI, BpmI, Bpu1102I, BpuAI, BsaAI, BsaBI, BsaHI, BsaI, BseAI, BsgI, BsiHKAI, BsiWI, Bsp120I, BspEI, BspMI, BsrBI, BsrGI, BssHII, Bst1107I, BstBI, BstEII, BstXI, Bsu36I, CelII, Csp45I, DraI, DraII, DrdI, Eam1105I, Ecl136II, Eco47III, EcoO109I, EspI, FspI, HaeII, HgaI, HgiAI, HpaI, KasI, KpnI, MamI, MfeI, MluI, MluNI, MroI, MscI, MslI, MunI, NarI, NcoI, NdeI, NheI, NspI, NspV, PacI, PinAI, PmaCI, PmeI, PmlI, PpuMI, Psp1406I, PstI, PvuII, RsrII, SacI, SapI, Sau96I, ScaI, SexAI, SfcI, SfiI, SfuI, SgrAI, SnaBI, SniI, SpeI, SphI, SspBI, StuI, StyI, SwaI, Tth111I, XcmI, XmnI