

## **pProEX™ HTa Restriction Map**

pProEX HTa 10-DEC-1996

File ENZREF, From 1 to 4751, Minimum cuts 0, Maximum cuts 10

AatII

AccI 367 3325

AflII

AflIII 2634 3980

AlwI 344 345 1099 1117 1420 1884 1897 1982 1994 2068

Alw21I 28 373 1074 1159 2320 3280 3960

Alw44I 28 1074 2320 3280 3960

AlwNI 2220

ApaI 4187

ApoI 351 517 2825 2836 4255

AscI

AvaI 416

AvaII 210 544 1382 1604 4532

AvrII

BamHI 344

BanI 336 428 1793 3060 3900 4619

BanII 373 3094 4187

BbsI 4119 4458

BcgI 1219 4283

BclI 3994

BglI 1622 3262

BglII

Bpu1102I

BsaI 606 1674

BsaAI 3021 3344

BsaHI 44 336 784 1205 3936

BsaJI 340 2474 4615

BseRI

BsgI 21 79 3846 4046

BsmI

BsmAI 414 607 910 1675 3448 3672 4077 4203 4590

BsmFI 545 3253

Bsp1407I

BspLU11I 2634

BspMI 81

BsrBI 234 736 902 2703 3165

BsrDI 1505 1687 4028 4386

BssHII 3519 4391

BssSI 1077 2461  
Bst1107I 3325  
BstEII 4161  
BstXI 3775 3904 4027  
BstYI 344 1099 1116 1884 1896 1982 1993  
Cfr10I 1661 3124 3666  
ClaI  
CvnI  
DdeI 568 658 714 1245 1785 1951 2360 3287 4552  
DraI 1166 1858 1877  
DraIII 3018  
DrdI 2526 2972 3401  
DsaI 340  
EaeI 387 1353 4654  
Eam1105I 1741  
EarI 952 2756 3603  
Eco47III  
Eco57I 1059 2107  
Eco72I  
EcoNI  
EcoO109I  
EcoRI 351  
EcoRII 524 634 802 2474 2487 2608 3704 4019 4559 4616  
EcoRV 303 4428  
Esp3I 3447 4589  
FokI 205 452 827 836 1294 1581 1762 3422 4013 4022  
FseI  
FspI 1521  
GsuI 1656 3833 4286  
HaeII 336 587 2390 2760 3170 3178 3595 4376  
HincII 192 367 1202 3549 4484  
HindIII 434  
HinfI 398 1747 2264 2660 2735 2950 2972 3608 4404 4659  
HpaI 4484  
KpnI 428  
Kpn2I 347  
MaeI 381 402 1553 1888 2141 3174  
MamI  
McrI 313 387 1225 1374 2297 2721  
MluI 3980  
MscI  
MunI  
NarI 336  
NciI 732 765 1209 1560 2256 3417 3452 3599 4408  
NcoI 340  
NdeI  
NgoAIV 3124  
NheI

NotI 386  
NruI  
NsiI 3539  
NspI 422 2634 3461 3537  
NspV 395  
NspBII 2851 3386 4008 4463  
PacI  
PflMI 3556  
PinAI  
PleI 1747 2264 2735 2950 2972 3608 4404  
PmeI  
PshAI  
Psp5II  
Psp1406I 747 1143 1516 3641  
PstI 409  
PvuI 1374  
PvuII 4578 4671  
RcaI 906 1914  
RsaI 272 429 1264 3291 4126  
RsrII 209  
Sali 367  
SapI 2756  
ScaI 1263  
SduI 28 373 1074 1159 2320 3094 3280 3960 4187  
SexAI  
SfcI 409 1500 2178 2369 3242  
SfiI  
Sgfi  
SgrAI  
SmaI  
SnaBI  
SpeI 380  
SphI 422 3537  
SrfI  
SseI  
Sse8387I  
SspI 174 939  
SstI 373  
SstII  
StuI 359  
StyI 340  
SunI  
SwaI  
TfiI 398 2660 4659  
Tsp45I 1274 1485 3197 3347 3442 4162  
Tth111I 263 3349  
VspI 199 1570 4664 4723  
XbaI 401

XcmI 3829 4345 4363  
XhoI 416  
XmaIII 387  
XmnI 460 1142