

# pTWIN1 DNA: Location of Sites

AatII	1	6688
AfeI	1	3194
AgeI	1	7048
AlwNI	1	1896
ApaI	1	3891
BamHI	1	7239
BlpI	1	7291
BmtI	1	5971
BsaBI	1	5618
BseRI	1	6243
BsiWI	1	6628
BsmI	1	6769
BssHII	1	3687
BstEII	1	3916
BstZ17I	1	2480
DraIII	1	1319
EcoO109I	1	7318
EcoRI	1	6424
EcoRV	1	3650
FspI	1	702
HpaI	1	3594
KasI	1	3459
NarI	1	3459
NcoI	1	6410
NdeI	1	5722
NheI	1	5971
NotI	1	6416
NruI	1	6377
PaeR7I	1	6430
PciI	1	2310
PflFI	1	2504
PmeI	1	5606
PsiI	1	1194
PspOMI	1	3891
PspXI	1	6429
PstI	1	7228
PvuI	1	555
SacII	1	6798
ScaI	1	444
SfoI	1	3459
SgrAI	1	6957
SpeI	1	6462
StuI	1	7062
SwaI	1	1096
ThiI	1	6430
Thl111I	1	2504

XbaI	1	5683		
XhoI	1	6430		
ZraI	1	6688		
AcuI	2	240	1783	
BclI	2	4084	5960	
BglI	2	803	3035	
BsaAI	2	1322	2499	
BsmBI	2	2602	3489	
BspEI	2	5935	7369	
BspHI	2	87	1590	
BspQI	2	6404	6437	
BsrGI	2	6393	6617	
BssSI	2	258	2137	
BtgI	2	6410	6798	
EagI	2	3030	6417	
EcoNI	2	4562	6471	
MluI	2	4098	7004	
NmeAIII	2	799	3873	
PfIMI	2	4517	5576	
PshAI	2	3253	6324	
SapI	2	6404	6437	
SphI	2	4627	4635	
AflIII	3	2310	4098	7004
AhdI	3	922	5798	7121
AvaI	3	1213	6430	6475
BanII	3	1395	3891	6435
BfuAI	3	5772	6787	7095
BsaI	3	855	5917	6878
BsaXI	3	1268	3438	6296
BsoBI	3	1213	6430	6475
BspMI	3	5772	6787	7095
BstAPI	3	4416	6460	6787
MfeI	3	5800	6253	7123
PvuII	3	2660	3407	3500
SalI	3	6685	6778	6988
SspI	3	120	1093	1114
XcmI	3	3706	3724	4240

There are no restriction sites for the following enzymes:

AarI(x), Acc65I, AflII, AleI, AscI, AsiSI, AvrII, BaeI, BbvCI, BglIII, BmgBI, Bpu10I, BspDI, BstBI, Bsu36I, ClaI, CspCI, FseI, FspAI(x), HindIII, I-CeuI, I-SceI, KpnI, MscI, NsiI, PI-PspI, PI-SceI, PacI, PmlI, PpuMI, RsrII, SacI, SanDI(x), SbfI, SexAI, SfiI, SmaI, SnaBI, SrfI(x), TspMI, XmaI

(x) = enzyme not available from NEB

