

pRS413 DNA: Location of Sites

AfeI	1	211			
AhdI	1	3464			
AlwNI	1	2987			
ApaI	1	2082			
BamHI	1	2142			
BcgI	1	3985			
BclI	1	1052			
BmtI	1	1008			
BsaBI	1	557			
BsaHI	1	4005			
BsaI	1	3536			
BseRI	1	312			
BseVI	1	2880			
BsiWI	1	916			
BsmFI	1	580			
BsmI	1	716			
BspDI	1	2106			
BtgI	1	2170			
BtgZI	1	1633			
ClaI	1	2106			
CspCI	1	1025			
DraIII	1	1642			
EagI	1	2161			
EcoRI	1	2124			
EcoRV	1	2118			
HincII	1	2097			
MscI	1	709			
NaeI	1	1748			
NdeI	1	693			
NgoMIV	1	1748			
NheI	1	1008			
NmeAIII	1	3592			
NotI	1	2160			
NsiI	1	1279			
PaeR7I	1	2091			
PmlI	1	4400			
PpuMI	1	4387			
PspOMI	1	2082			
PspXI	1	2090			
SacI	1	2178			
SacII	1	2170			
SallI	1	2097			
ScaI	1	3947			
SmaI	1	2136			
SpeI	1	2148			
SwaI	1	4423			
TliI	1	2091			
TspMI	1	2136			
XbaI	1	2154			
XhoI	1	2091			
XmaI	1	2136			
Acc65I	2	1122	2076		
AleI	2	1059	2168		
AvaI	2	2091	2136		
BbsI	2	783	4609		
BciVI	2	2785	4312		
BglII	2	899	959		
BmrI	2	2008	3514		
BpmI	2	2181	3554		
BsaXI	2	1591	2429		
BsmBI	2	51	4967		
BsoBI	2	2091	2136		
BspQI	2	2453	4557		
BsrDI	2	3523	3705		
BsrFI	2	1748	3549		
BstBI	2	455	905		
BstXI	2	886	2167		
BstZI	2	1217	1243		
FspI	2	1900	3689		
KpnI	2	1122	2076		
PciI	2	1203	2576		
PsiI	2	1517	4418		
PstI	2	1183	2130		
PvuI	2	1920	3836		
PvuII	2	1950	2398		
SapI	2	2453	4557		
SspI	2	1437	4271		
XmnI	2	4064	4585		
AccI	3	1217	1243	2097	
AclI	3	1431	3694	4067	
AflIII	3	1203	1293	2576	
ApaLI	3	177	2890	4136	
BanII	3	1718	2082	2178	
BglI	3	822	1889	3583	
BsaAI	3	1292	1645	4400	
BsaWI	3	2782	2929	3760	
BspHI	3	3296	4304	4923	
BssHII	3	1312	2042	2215	
BssSI	3	2749	4133	4954	
DrdI	3	91	1596	2678	
Ecil	3	2648	2794	3622	
HindIII	3	808	995	2112	
MmeI	3	1599	2766	2950	
TatI (x)	3	167	319	3947	
TfiI	3	551	2411	2551	
AcuI	4	781	1262	3103	4151
AseI	4	2346	2405	3640	4576
BmeI580I	4	177	2082	2890	4136
BpuEI	4	2682	2944	3221	4089
BsmAI	4	51	3536	4301	4968
BstI	4	223	2363	3862	3890
EcoO109I	4	820	2082	4387	4958
NspI	4	37	701	1203	2576

There are no restriction sites for the following enzymes:

AarI(x), AatII, AflII, AgeI, AscI, AsiSI, AvrII, BaeI, BbvCI, BfuAI, BlpI, BmgBI, Bpu10I, BsgI, BspEI, BspMI, BsrGI, BstAPI, BstEII, Bsu36I, EcoNI, FseI, FspAI(x), HpaI, I-CeuI, I-SceI, KasI, MfeI, MluI, NarI, NcoI, NruI, P1-PspI, P1-SceI, PacI, PflFI, PflMI, PmeI, PshAI, RsrII, SanDI(x), SbfI, SexAI, SfiI, SfoI, SgrAI, SnaBI, SphI, SrfI(x), StuI, StyI, Tth111I, XcmI, ZraI

(x) = enzyme not available from NEB

pRS4XX Series MCS (all 12 have the same MCS; see maps for sites unique to each vector.)

EcoRV EagI BstXI

KpnI ApaI XhoI SalI ClaI HindIII EcoRI PstI SmaI BamHI SpeI XbaI NotI SacII SacI

GGTACCGGGCCCCCTCGAGGTGCACGGTATCGATAAGCTTGATATCGAATTCCTGCAGCCCGGGGATCCACTAGTTCTAGAGCGCCGCCACCGGGTGGAGCTC