

## ϕX174 DNA: Location of Sites

AatII	1	2782
AhdI	1	1760
AleI	1	2912
ApaLI	1	4779
AvaI	1	162
AvaII	1	5042
BaeI	1	2581
BmeI580I	1	4779
BsiEI	1	4601
BsoBI	1	162
BspQI	1	3745
BsrBI	1	530
BssHII	1	5348
BtsI	1	2203
DraIII	1	5183
DrdI	1	5171
FspI	1	155
MfeI	1	3939
NciI	1	2800
PaeR7I	1	162
PshAI	1	1694
PsiI	1	2304
PstI	1	5382
SacII	1	2859
SapI	1	3745
SexAI	1	3499
SspI	1	1007
StuI	1	4486
TliI	1	162
XhoI	1	162
ZraI	1	2782

AccI	2	1193	3545
AflII	2	2914	4413
AflIII	2	221	2146
AseI	2	711	4308
BegI	2	967	5326
BpuEI	2	987	3631
BsaAI	2	826	4871
BsaBI	2	341	2716
BseRI	2	232	1278
BseYI	2	5210	5279
BsiWI	2	413	2794
BsmFI	2	1214	4339
BssSI	2	535	3280
BstAPI	2	892	4781
BstNI	2	881	3500
BtgZI	2	4426	4898
CspCI	2	1563	4866
DraI	2	327	1406
EaeI	2	4205	4757
EarI	2	3746	4143
EciI	2	125	1876
KasI	2	1019	2976
MluI	2	221	2146
NarI	2	1019	2976
NruI	2	2260	4424
PflMI	2	3960	4095
PspGI	2	881	3500
Sau96I	2	978	5042
SfoI	2	1019	2976

AclI	3	864	2514	2809
BanI	3	1019	2478	2976
BbsI	3	2679	4367	4762
BbvCI	3	2039	2341	3699
BfaI	3	3136	3907	5061
BfuAI	3	3599	4052	5380
BpmI	3	2465	2905	4482
BsaWI	3	728	1102	3018
BsiHKAII	3	538	4290	4779
Bsp1286I	3	538	4290	4779
BspHI	3	388	1254	2271
BspMI	3	3599	4052	5380
BssKI	3	881	2800	3500
BstXI	3	1777	2739	4984
BtgI	3	1415	2859	5182
HpaI	3	28	1292	5022
NmeAIII	3	1022	3426	4680
ScrFI	3	881	2800	3500
StyD4I	3	881	2800	3500
XmnI	3	3857	4143	5117

BciVI	4	588	2580	3275	5373
BsmAI	4	673	1529	2903	3441
BsmI	4	2570	3025	3463	4535
BsrDI	4	632	1161	2566	4539

HpaII	5	729	1103	2800	3019	3367
MmeI	5	225	2691	3237	5197	5376
MspAII	5	739	2339	2859	3259	3735
MspI	5	729	1103	2800	3019	3367
SmlI	5	162	987	2914	3631	4413

BsaI	6	880	1415	1434	2859	4681
		5182				
NlaIV	6	978	1019	2119	2478	2688
		2976				
SfcI	6	1191	3061	4318	4801	5293
		5382				
TspRI	6	782	1241	2048	2177	2204
		3791				

ApoI	7	139	693	1983	2222	2324
		2650	5340			
Bpu10I	7	1361	1835	2039	2341	2379
		3306	3699			
BsaHI	7	717	1019	1133	2782	2976
		3363	5225			
MslI	7	1226	2165	2571	2740	2912
		4554	4767			
TspGWI (x)	7	411	699	1149	1482	2004
		2189	5184			

There are no restriction sites for the following enzymes:

AarI (x), Acc65I, AcuI, AfeI, AgeI, AlwI, AlwNI, ApaI, AscI, AsiSI, AvrII, BamHI, BanII, BclI, BglI, BglIII, BlpI, BmgBI, BmrI, BmtI, BsaI, BsaXI, BsgI, BsmBI, BspDI, BspEI, BsrFI, BsrGI, BstBI, BstEII, BstYI, BstZ17I, Bsu36I, ClaI, DpnI, DpnII, EagI, EcoNI, EcoO109I, EcoRI, EcoRV, FauI, FseI, FspAI (x), HindIII, I-CeuI, I-SceI, KpnI, MboI, MscI, NaeI, NcoI, NdeI, NgoMIV, NheI, NotI, NsiI, NspI, PI-PspI, PI-SceI, PacI, PciI, PflFI, PmeI, PmlI, PpuMI, PspOMI, PspXI, PvuI, PvuII, RsrII, SacI, Sall, SanDI (x), Sau3AI, SbfI, ScaI, SfiI, SgrAI, SmaI, SnaBI, SpeI, SphI, SrfI (x), StyI, SwaI, TatI (x), TspMI, Tth111I, XbaI, XcmI, XmaI

(x) = enzyme not available from NEB