

Maximum 2 cutters

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pRSET B-IPC

Number of cuts



Sort order:

#	Enzyme	Specificity	Cuts	Sites & flanks	Cut positions (blunt - 5' ext. - 3' ext.)
1	Acc65I	G ⁺ GTAC _↓ C	2	list	*1030/1034, 1499/1503
2	AccI	GT ⁺ MK _↓ AC	1	list	*572/574
3	AclI	AA ⁺ CG _↓ TT	2	list	*2499/2501, *2872/2874
4	AfeI	AGC ⁺ GCT	2	list	*234, *1335
5	AflIII	A ⁺ CRYG _↓ T	1	list	3989/3993
6	AgeI	A ⁺ CCGG _↓ T	2	list	*242/246, *592/596
7	AhdI	GACNN _↓ N ⁺ NNGTC	1	list	3101/3100
8	AlwNI	CAG _↓ NNN ⁺ CTG	1	list	3580/3577
9	ApaLI	G ⁺ TGCA _↓ C	2	list	*2429/2433, *3675/3679
10	AvaI	C ⁺ YCGR _↓ G	2	list	*1366/1370, *1483/1487
11	BaeI	↓ _↓ (N) ₅ ⁺ (N) ₁₀ ACNNNNGTAYC(N) ₇ ↓(N) ₅	1	list	1014/1009+1047/1042
12	BamHI	G ⁺ GATC _↓ C	1	list	192/196
13	BanII	G _↓ RGCY ⁺ C	2	list	1484/1480, 1887/1883
14	BciVI	GTATCC(N) ₅ ↓N ⁺	2	list	2264/2263, 3791/3790
15	BclI	T ⁺ GATC _↓ A	1	list	#1184/1188
16	BglI	GCCN _↓ NNN ⁺ NGGC	2	list	*1716/1713, *2983/2980
17	BglIII	A ⁺ GATC _↓ T	2	list	254/258, 1487/1491
18	BlpI	GC ⁺ TNA _↓ GC	1	list	1573/1576
19	BmgBI	CAC ⁺ GTC	1	list	*1353
20	BmrI	ACTGGGNNNN _↓ N ⁺	2	list	283/282, 3061/3060
21	BmtI	G _↓ CTAG ⁺ C	1	list	140/136
22	Bpu10I	CC ⁺ TNA _↓ GC	2	list	457/460, 475/478
23	BsaAI	YAC ⁺ GTR	1	list	*1958
24	BsaBI	GATNN _↓ NNATC	2	list	#5, *#191
25	BsaHI	GR ⁺ CG _↓ YC	1	list	*2561/2563
26	BsaI	GGTCTCN ⁺ NNNN _↓	2	list	33/37, 3035/3039

27	BsaXI	Δ NNN ∇ (N) ₉ AC(N) ₅ CTCC(N) ₇ Δ NNN ∇	2	list	1997/1994+2027/2024, 4121/4118+4151/4148
28	BseRI	GAGGAG(N) ₈ Δ NN ∇	1	list	625/623
29	BseYI	C ∇ CCAG Δ C	1	list	3685/3689
30	BsgI	GTGCAG(N) ₁₄ Δ NN ∇	2	list	403/401, 723/721
31	BsmFI	GGGAC(N) ₁₀ ∇ NNNN Δ	2	list	*1114/1118, *1739/1743
32	BsmI	GAATG Δ CN ∇	1	list	1294/1292
33	BsoBI	C ∇ YCGR Δ G	2	list	1366/1370, 1483/1487
34	BspDI	AT ∇ CG Δ AT	1	list	*1421/1423
35	BspEI	T ∇ CCGG Δ A	1	list	*#1650/1654
36	BspQI	GCTCTTCN ∇ NNN Δ	2	list	1043/1046, 4106/4109
37	BsrGI	T ∇ GTAC Δ A	2	list	563/567, 1455/1459
38	BstBI	TT ∇ CG Δ AA	1	list	*1512/1514
39	BtgI	C ∇ CRYG Δ G	1	list	1503/1507
40	BtgZI	GCGATG(N) ₁₀ ∇ NNNN Δ	2	list	*716/720, *1953/1957
41	BtsI	GCAGTG Δ NN ∇	2	list	2682/2680, 2702/2700
42	ClaI	AT ∇ CG Δ AT	1	list	*1421/1423
43	CspCI	Δ NN ∇ (N) ₁₁ CAA(N) ₅ GTGG(N) ₁₀ Δ NN ∇	1	list	2166/2164+2201/2199
44	DraIII	CAC Δ NNN ∇ GTG	1	list	*1961/1958
45	DrdI	GACNN Δ NN ∇ NNGTC	2	list	2005/2003, *3887/3885
46	EcoO109I	RG ∇ GNC Δ CY	1	list	1600/1603
47	EcoRI	G ∇ AATT Δ C	1	list	*1508/1512
48	EcoRV	GAT ∇ ATC	1	list	*1419
49	FspI	TGC ∇ GCA	2	list	*1706, *2878
50	HincII	GTY ∇ RAC	2	list	*573, 1379
51	HindIII	A ∇ AGCT Δ T	1	list	1515/1519
52	HpaI	GTT ∇ AAC	1	list	1379
53	KpnI	G Δ GTAC ∇ C	2	list	1034/1030, 1503/1499
54	MscI	TGG ∇ CCA	1	list	1433
55	NaeI	GCC ∇ GGC	1	list	*1855
56	NcoI	C ∇ CATG Δ G	1	list	1503/1507
57	NdeI	CA ∇ TA Δ TG	1	list	98/100
58	NgoMIV	G ∇ CCGG Δ C	1	list	*1853/1857
59	NheI	G ∇ CTAG Δ C	1	list	136/140
60	NspI	R Δ CATG ∇ Y	1	list	3993/3989

61	PaeR7I	C [^] TCGA __ G	1	list	*1483/1487
62	PciI	A [^] CATG __ T	1	list	3989/3993
63	PsiI	TTA [^] TAA	1	list	2086
64	PstI	C __ TGCA [^] G	2	list	285/281, 1495/1491
65	PvuI	CG __ AT [^] CG	2	list	*1687/1685, *2732/2730
66	PvuII	CAG [^] CTG	1	list	1496
67	SacI	G __ AGCT [^] C	1	list	1484/1480
68	Sall	G [^] TCGA __ C	1	list	*571/575
69	SapI	GCTCTTCN [^] NNN __	2	list	1043/1046, 4106/4109
70	ScaI	AGT [^] ACT	1	list	2620
71	SgrAI	CR [^] CCGG __ YG	1	list	*592/596
72	SspI	AAT [^] ATT	2	list	2166, 2296
73	StyI	C [^] CWWG __ G	2	list	1503/1507, 1595/1599
74	TfiI	G [^] AWT __ C	2	list	4015/4018, 4155/4158
75	TliI	C [^] TCGA __ G	1	list	*1483/1487
76	XbaI	T [^] CTAG __ A	1	list	58/62
77	XhoI	C [^] TCGA __ G	1	list	*1483/1487