

# 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 <sup>+</sup> GTAC <sub>↓</sub> C	2	<a href="#">list</a>	*1030/1034, 1499/1503
2	AccI	GT <sup>+</sup> MK <sub>↓</sub> AC	1	<a href="#">list</a>	*572/574
3	AclI	AA <sup>+</sup> CG <sub>↓</sub> TT	2	<a href="#">list</a>	*2499/2501, *2872/2874
4	AfeI	AGC <sup>+</sup> <sub>↓</sub> GCT	2	<a href="#">list</a>	*234, *1335
5	AflIII	A <sup>+</sup> CRYG <sub>↓</sub> T	1	<a href="#">list</a>	3989/3993
6	AgeI	A <sup>+</sup> CCGG <sub>↓</sub> T	2	<a href="#">list</a>	*242/246, *592/596
7	AhdI	GACNN <sub>↓</sub> N <sup>+</sup> NNGTC	1	<a href="#">list</a>	3101/3100
8	AlwNI	CAG <sub>↓</sub> NNN <sup>+</sup> CTG	1	<a href="#">list</a>	3580/3577
9	ApaLI	G <sup>+</sup> TGCA <sub>↓</sub> C	2	<a href="#">list</a>	*2429/2433, *3675/3679
10	AvaI	C <sup>+</sup> YCGR <sub>↓</sub> G	2	<a href="#">list</a>	*1366/1370, *1483/1487
11	BaeI	↓ <sub>↓</sub> (N) <sub>5</sub> <sup>+</sup> (N) <sub>10</sub> ACNNNNGTAYC(N) <sub>7</sub> ↓(N) <sub>5</sub>	1	<a href="#">list</a>	1014/1009+1047/1042
12	BamHI	G <sup>+</sup> GATC <sub>↓</sub> C	1	<a href="#">list</a>	192/196
13	BanII	G <sub>↓</sub> RGCY <sup>+</sup> C	2	<a href="#">list</a>	1484/1480, 1887/1883
14	BciVI	GTATCC(N) <sub>5</sub> ↓N <sup>+</sup>	2	<a href="#">list</a>	2264/2263, 3791/3790
15	BclI	T <sup>+</sup> GATC <sub>↓</sub> A	1	<a href="#">list</a>	#1184/1188
16	BglII	GCCN <sub>↓</sub> NNN <sup>+</sup> NGGC	2	<a href="#">list</a>	*1716/1713, *2983/2980
17	BglIII	A <sup>+</sup> GATC <sub>↓</sub> T	2	<a href="#">list</a>	254/258, 1487/1491
18	BlpI	GC <sup>+</sup> TNA <sub>↓</sub> GC	1	<a href="#">list</a>	1573/1576
19	BmgBI	CAC <sup>+</sup> <sub>↓</sub> GTC	1	<a href="#">list</a>	*1353
20	BmrI	ACTGGGNNNN <sub>↓</sub> N <sup>+</sup>	2	<a href="#">list</a>	283/282, 3061/3060
21	BmtI	G <sub>↓</sub> CTAG <sup>+</sup> C	1	<a href="#">list</a>	140/136
22	Bpu10I	CC <sup>+</sup> TNA <sub>↓</sub> GC	2	<a href="#">list</a>	457/460, 475/478
23	BsaAI	YAC <sup>+</sup> <sub>↓</sub> GTR	1	<a href="#">list</a>	*1958
24	BsaBI	GATNN <sub>↓</sub> NNATC	2	<a href="#">list</a>	#5, *#191
25	BsaHI	GR <sup>+</sup> CG <sub>↓</sub> YC	1	<a href="#">list</a>	*2561/2563
26	BsaI	GGTCTCN <sup>+</sup> NNNN <sub>↓</sub>	2	<a href="#">list</a>	33/37, 3035/3039

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

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

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