





ATTCGCCATTACAGGCTGCGCAACTGTTGGGAAGGGCGATCGGTGCGGGCCTCTTCGCTATTACGCCAGCTGGCGAAAGGGGGATGTGCTGCA  
 AGGCGATTAAGTTGGGTAACGCCAGGGTTTTCCAGTCACGACGTTGTAAACGACGGCGCAAGGAATGGTGCATGCAAGGAGATGGCGCCC  
 AACAGTCCCCCGGCCACGGGGCTGCCACCATACCCACGCCGAAACAAGCGCTCATGAGCCGAAAGTGGCGAGCCCGATCTCCCCATCGGT  
 GATGTCGGCGATATAGGCGCCAGCAACCGCACCTGTGGCGCCGGTGTATGCCGGCCACGATGCGTCCGGCGTAGAGGCGATTAGTCCAATTTG  
 TTAAGACAGGATATCAGTGGTCCAGGCTCTAGTTTTGACTCAACAATATACCAGCTGAAGCCTATAGAGTACGAGCCATAGATAAAATAA  
 AAGATTTTATTTAGTCTCCAGAAAAAGGGGGAA

## Zero Cutters

# Enzyme Specificity	11 BsmI GAATGCN	23 PshAI GACNNNGTC
1 AgeI ACCGGT	12 BspMI ACCTGCNNNNNNNN	24 PspXI VCTCGAGB
2 AleI CACNNNGTG	13 BtgZI GCGATG(N)10NNNN	25 RsrII CGGWCCG
3 AsiSI GCGATCGC	14 DraIII CACNNNGTG	26 SacII CCGGG
4 AvrII CCTAGG	15 FseI GGCCGGCC	27 SaliI GTCGAC
5 BamHI GGATCC	16 HpaI GTTAAC	28 SbfI CCTGCAGG
6 BclI TGATCA	17 MfeI CAATTG	29 SfiI GGCCNNNNNGGCC
7 BfuAI ACCTGCNNNNNNNN	18 NotI GCGGCCG	30 SnaBI TACGTA
8 BglIII AGATCT	19 NsiI ATGCAT	31 StuI AGGCCT
9 BlpI GCTNAGC	20 PaeR7I CTCGAG	32 SwaI ATTTAAAT
10 BsiWI CGTACG	21 PflMI CCANNNNNNTGG	33 XcmI CCANNNNNNNNTGG
	22 PmlI CACGTG	34 XhoI CTCGAG

## One-Cutters

#	Enzyme	Specificity	Sites & flanks	Cut positions (blunt - 5' ext. - 3' ext.)
1	AccI	GT MK $\blacktriangle$ AC	<a href="#">list</a>	2136/2138
2	ApaI	G $\blacktriangle$ GGCC C	<a href="#">list</a>	*2920/2916
3	BbsI	GAAGACNN NNNN $\blacktriangle$	<a href="#">list</a>	1496/1500
4	BmgBI	CAC $\blacktriangle$ GTC	<a href="#">list</a>	*2507
5	BsaAI	YAC $\blacktriangle$ GTR	<a href="#">list</a>	*1967
6	BsgI	GTGCAG (N) <sub>14</sub> $\blacktriangle$ NN	<a href="#">list</a>	1598/1596
7	BspDI	AT CG $\blacktriangle$ AT	<a href="#">list</a>	*1819/1821
8	BspEI	T CCGG $\blacktriangle$ A	<a href="#">list</a>	*#1835/1839
9	BstBI	TT CG $\blacktriangle$ AA	<a href="#">list</a>	*2956/2958
10	BstEII	G GTNAC $\blacktriangle$ C	<a href="#">list</a>	1086/1091
11	BstXI	CCAN $\blacktriangle$ NNNN NTGG	<a href="#">list</a>	2590/2586
12	BstZ17I	GTA $\blacktriangle$ TAC	<a href="#">list</a>	2137
13	ClaI	AT CG $\blacktriangle$ AT	<a href="#">list</a>	*1819/1821
14	CspCI	$\blacktriangle$ NN (N) <sub>11</sub> CAA (N) <sub>5</sub> GTGG (N) <sub>10</sub> $\blacktriangle$ NN	<a href="#">list</a>	1428/1426+1463/1461
15	EcoRI	G AATT $\blacktriangle$ C	<a href="#">list</a>	2096/2100
16	HincII	GTY $\blacktriangle$ RAC	<a href="#">list</a>	2194
17	HindIII	A AGCT $\blacktriangle$ T	<a href="#">list</a>	2740/2744
18	MluI	A CGCG $\blacktriangle$ T	<a href="#">list</a>	*2996/3000
19	NcoI	C CATG $\blacktriangle$ G	<a href="#">list</a>	1409/1413
20	NruI	TCG $\blacktriangle$ CGA	<a href="#">list</a>	*#1642
21	PciI	A CATG $\blacktriangle$ T	<a href="#">list</a>	4078/4082
22	PmeI	GTTT $\blacktriangle$ AAAC	<a href="#">list</a>	1813
23	PsiI	TTA $\blacktriangle$ TAA	<a href="#">list</a>	2763
24	PspOMI	G GGCC $\blacktriangle$ C	<a href="#">list</a>	*2916/2920
25	ScaI	AGT $\blacktriangle$ ACT	<a href="#">list</a>	5451
26	SexAI	A CCWGG $\blacktriangle$ T	<a href="#">list</a>	#1214/1219
27	SgrAI	CR CCGG $\blacktriangle$ YG	<a href="#">list</a>	*6514/6518
28	SpeI	A CTAG $\blacktriangle$ T	<a href="#">list</a>	659/663
29	SphI	G $\blacktriangle$ CATG C	<a href="#">list</a>	6366/6362
30	SrfI	GCCC $\blacktriangle$ GGGC	<a href="#">list</a>	*2473