

## Restriction Enzymes (in use or in stock) 06.27.07

Enzyme	Rec. Seq.	NEB Buffer				Enzyme	Rec. Seq.	NEB Buffer			
		1	2	3	4			1	2	3	4
<b>Aat II</b>	GACGC/T	0	50	50	<b>100</b>	<b>BssH II@50°C</b>	G/CGCGC	100	100	<b>100</b>	100
<b>Afe I*</b>	AGC/GCT	25	50	25	<i>100</i>	<b>BstE II@60°C</b>	G/GTNAC C	50	75	<b>100</b>	75
<b>Afl II</b>	C/TTAAG	50	<b>100</b>	25	100	<b>BstN I@60°C</b>	CC/(A/T)G G	10	<b>100</b>	100	75
<b>Afl III</b>	A/CPuPyGT	25	75	<b>100</b>	50	<b>BstX I@55°C</b>	CCANNNN N/NTGG	25	100	<b>100</b>	50
<b>Aha II</b>						<b>Bsu36 I</b>	CC/TNAG G	0	25	<b>100</b>	0
<b>Alu I</b>	AG/CT	100	<b>100</b>	75	100						
<b>AlwN I</b>	CAGNNN/C TG	50	100	50	<b>100</b>						
<b>Apa I@25°C</b>	GGGCC/C	25	50	0	<b>100</b>						
<b>Ava I</b>	C/PyCGPuG	10	75	10	<b>100</b>	<b>Cla I</b>	AT/CGAT	10	50	50	<b>100</b>
<b>Age I</b>	A/CCGGT	<b>100</b>	50	10	75						
<b>Asc I</b>	GG/CGCGC C	0	10	10	<b>100</b>						
<b>Acc65 I</b>	G/GTACC	10	75	<b>100</b>	25						
<b>Acu I</b>	CTGAAG(16 /14)	50	<b>100</b>	50	100	<b>Dpn I</b>	GAm/TC	100	100	75	<b>100</b>
<b>BamH I</b>	G/GATCC	75	<i>100</i>	50	75	<b>Dra I</b>	TTT/AAA	75	75	50	<b>100</b>
<b>Ban I</b>	G/GPyPuCC	50	100	50	<b>100</b>						
<b>Ban II</b>	GPuGCPy/C	100	10	50	<b>100</b>						
<b>Bgl I</b>	GCCNNNN/ NGGC	50	75	<b>100</b>	50						
<b>Bgl II</b>	A/GATCT	10	75	<b>100</b>	10	<b>Eag I</b>	C/GGCCG	10	25	<b>100</b>	10
<b>Bpm I</b>	CTGGAG(16 /14)	75	100	<b>100</b>	100	<b>EcoR I</b>	G/AATTC	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>
<b>Bsa I@50°C</b>	GGTCTC(1/ 5)	75	75	<b>100</b>	100	<b>EcoR V</b>	GAT/ATC	50	75	<b>100</b>	50
<b>BsiW I@55°C</b>	C/GTACG	100	100	<b>100</b>	25						
<b>Bsg I</b>	GTGCAG(16 /14)	50	75	50	<i>100</i>						
<b>Bsm I@65°C</b>	GAATGCN/	75	<b>100</b>	75	75						
<b>BspE I</b>	T/CCGGA	0	10	<b>100</b>	0	<b>Fok I</b>	GGATG(9/ 13)	100	100	75	<b>100</b>
<b>BspM I</b>	ACCTGC(4/ 8)	NR	NR	<b>100</b>	NR	<b>Fse I</b>	GGCCGG/ CC	100	75	0	<b>100</b>
<b>Bsr I@65°C</b>	ACTGGN/	0	50	<b>100</b>	10	<b>Fsp I</b>	TGC/GCA	10	75	10	<b>100</b>

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<b>Hinc II</b>	GTPy/PuAC	75	100	<u>100</u>	100	<b>Pvu I</b>	CGAT/CG	10	75	<u>100</u>	10
<b>Hind III</b>	A/AGCTT	50	<b>100</b>	10	50	<b>Pvu II</b>	CAG/CTG	100	<b>100</b>	100	100
<b>Hinf I</b>	G/ANTC	75	<b>100</b>	75	75						
<b>HinP1 I</b>	G/CGC	100	<b>100</b>	100	100	<b>Sac I</b>	GAGCT/C	<u>100</u>	50	10	100
<b>Hpa I</b>	GTT/AAC	25	50	10	<b>100</b>	<b>Sac II</b>	CCGC/GG	25	75	10	<b>100</b>
<b>Hpa II</b>	C/CGG	<b>100</b>	50	10	100	<b>Sal I</b>	G/TCGAC	0	0	<u>100</u>	0
						<b>Sau3A I</b>	/GATC	<u>100</u>	<u>50</u>	<u>10</u>	<u>100</u>
<b>Kpn I</b>	GGTAC/C	<u>100</u>	75	0	50	<b>Sca I</b>	AGT/ACT	100	100	<u>100</u>	25
						<b>Sfi I@50°C</b>	GGCCNNNN/NG GCC	0	<u>100</u>	10	100
<b>Mbo I</b>	/GATC	75	100	<b>100</b>	100	<b>SgrA I</b>	CPu/CCGGPyG	100	50	10	<b>100</b>
<b>Mfe I</b>	C/AATTC	75	50	10	<b>100</b>	<b>Sma I@25°C</b>	CCC/GGG	0	0	0	<b>100</b>
<b>Mlu I</b>	A/CGCGT	25	75	<b>100</b>	50	<b>Spe I</b>	A/CTAGT	75	<u>100</u>	25	75
<b>Msc I</b>	TGG/CCA	75	75	75	<b>100</b>	<b>Sph I</b>	GCAT/GC	100	<b>100</b>	50	100
<b>Msp I</b>	C/CGG	75	<b>100</b>	50	50	<b>Ssp I</b>	AAT/ATT	50	100	50	50
<b>MspA1 I</b>	C(A/C)G/C(G/ T)G	50	100	50	<u>100</u>	<b>Sst I</b>					
						<b>Stu I</b>	AGG/CCT	100	<b>100</b>	50	100
<b>Nar I</b>	GG/CGCC	<b>100</b>	75	75	75						
<b>Nco I</b>	C/CATGG	100	100	100	<b>100</b>	<b>Xba I</b>	T/CTAGA	0	<u>100</u>	75	75
<b>Nde I</b>	CA/TATG	75	100	75	<b>100</b>	<b>Xcm I</b>	CCANNNNN/NN NNTGG	10	<b>100</b>	50	50
<b>Nhe I</b>	G/CTAGC	100	<u>100</u>	10	100	<b>Xho I</b>	C/TCGAG	75	<u>100</u>	100	100
<b>Not I</b>	GC/GGCCGC	0	50	<u>100</u>	25	<b>Xma I</b>	C/CCGGG	25	50	0	<u>100</u>
<b>Nru I</b>	TCG/CGA	0	10	<b>100</b>	10	<b>Xmn I</b>	GAANN/NNTTC	100	<u>100</u>	75	100
<b>Nsi I</b>	ATGCA/T	10	75	<b>100</b>	25						
<b>Pac I</b>	TTAAT/TAA	<u>100</u>	75	10	100						
<b>Pme I</b>	GTTT/AAAC	0	50	10	<u>100</u>						
<b>PpuM I</b>	PuG/G(A/T)C CPy	0	25	0	<b>100</b>						
<b>PshA I</b>	GACNN/NNG TC	50	75	10	<u>100</u>						
<b>Pst I</b>	CTGCA/G	75	75	<u>100</u>	50						

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