

for mixed use with the NEB Buffer system (10.03.2005)

mi Splendid Restriction Enzymes			NEB Enzymes			Comment
Enzyme	mi Buffer	alternative	<i>Isoschizomer</i>	NEB Buffer	alternative	
Acc I	B5			B4		Buffer identical
Alu I	B1	2		B2	1 and 4	NEB B2 can be used
Asu II	B2*	2	<i>BstB I</i>	B4		NEB B2 can be used
BamH I	BamH I Buffer	2 and 3		BamH I Buffer	2	NEB B2 can be used
Bcl I	B2			B3	2	NEB B2 can be used
Bgl I	<i>Bgl I</i> Buffer	2, 3 and 4		B3		NEB B3 can be used
Bgl II	B3	4		B3		Buffer identical
BseA I	<i>BseA I</i> Buffer	3	<i>BspE I</i>	B3		NEB B3 can be used
BseB I	B2		<i>BstN I</i>	B2	3	Buffer identical
BseC I	B3	4	<i>Cla I</i>	B4		NEB B4 can be used
BshF I	B5	2	<i>Hae III</i>	B2		NEB B2 can be used
BsiS I	<i>BsiS I</i> Buffer	5	<i>Hpa II</i>	B1	4	NEB B4 can be used
BssA I	<i>BssA I</i> Buffer		<i>BsrF I</i>	<i>BsrF I</i> Buffer	2	please look up relative activity
BstE II	<i>BstE II</i> Buffer	3		B3		NEB B3 can be used
CspA I	<i>CspA I</i> Buffer		<i>Age I</i>	B1		Buffer identical
EcoR I	<i>EcoR I</i> Buffer			<i>EcoR I</i> Buffer	1, 2, 3 and 4	NEB <i>EcoR I</i> Buffer can be used
EcoR V	B2			B3		please look up relative activity
Hind III	B2			B2		Buffer identical
Hinf I	B3	4		B2		please look up relative activity
Hpa I	B5			B4		Buffer identical
Kpn I	<i>Kpn I</i> Buffer	1		B1		please look up relative activity
Mbo I	<i>Mbo I</i> Buffer	1, 2, 3, and 4		B3	2 and 4	NEB B2 and B3 can be used
MspC I	B4	3	<i>Afl II</i>	B2	4	please look up relative activity
Nae I	B1			B1		please look up relative activity
Nco I	B3*	2, 3 and 4		B4	1, 2 and 3	NEB B2 and B3 can be used
Nhe I	B5	1		B2	1 and 4	NEB B4 can be used
Not I	<i>Not I</i> Buffer	4		B3		please look up relative activity
Nru I	<i>Nru I</i> Buffer			B3		please look up relative activity
PspP I	B2		<i>Sau96 I</i>	B4	2 and 3	NEB B2 can be used
Pst I	<i>Pst I</i> Buffer	3		B3		NEB B3 can be used
Pvu II	B2	3		B2	1, 3 and 4	Buffer identical
Rsa I	B2	1		B1	2 and 4	NEB B2 can be used
Sal I	B4			B3		please look up relative activity
Sau3A I	<i>Sau3A I</i> Buffer	2		<i>Sau3A I</i> Buffer	1 and 4	please look up relative activity
Sca I	<i>Sca I</i> Buffer	3 and 4		B3	1 and 4	NEB B3 can be used
Sfi I	B2	1 and 5		B2	4	Buffer identical
SgrB I	B1*	1	<i>Sac II</i>	B4		please look up relative activity
Sla I	B4	3	<i>Xho I</i>	B2	3 and 4	NEB B3 can be used
Sma I	B5			B4		Buffer identical
SnaB I	<i>SnaB I</i> Buffer	5		B4		Buffer identical
Sph I	B2	1		B2	1 and 4	Buffer identical
SseB I	B3	2	<i>Stu I</i>	B2	1 and 4	NEB B2 can be used
Ssp I	B3	4		<i>Ssp I</i> Buffer	2	please look up relative activity
Sst I	B1		<i>Sac I</i>	B1	4	please look up relative activity
Sty I	B3	2 and 4		B3		Buffer identical
Taq I	<i>Taq I</i> Buffer	3		B3		NEB B3 can be used
Xba I	B2			B2		Buffer identical

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