

Amino acid coding of restriction enzyme recognition sites

numbers indicate the reading frames, the list is provided by NEB (version from 2000, i.e. a few enzymes are missing)

reformatted by Kristian M. Müller

		GCN Ala	CGN Arg	AAY Asn	GAY Asp	TGY Cys	CAR Gln	GAR Glu	GGN Gly	CAY His	ATH Ile	TTR CTN Leu	AAR Lys	ATG Met	TTY Phe	CCN Pro	AGY TCN Ser	ACN Thr	TGG Trp	TAY Tyr	GTN Val	TAR TGA Stop
Aat II	GACGT/C		3		1												2*	2			1	
Acc I	GT/MKAC		3		1						3	3					2	2*		1,2	1	2
Acc65 I	G/GTACC								1							2*		1		3	2	
Afl II	C/TTAAG											1,2	1									3
Afl III	A/CRYGT	3	1,2			1				2				3				1,3			3,2*	
Age I	A/CCGGT		3						1							2		1			2*	
Apa I	GGGCC/C	3							1,2							1,2*						
ApaL I	G/TGCAC	3				2				1								2*			1	
Apo I	R/AATTY			2				1			3		1		1		2*					
Asc I	GG/CGCGCC	1,2,3	2,3						1							1*						
Ase I	AT/TAAT			1							1	2										3
Ava I	C/YCGRG		3					1	1,2*			1				1,2	2					
Avr II	C/CTAGG		1						2*			2				1						3
BamH I	G/GATCC				2				1		3					2*	1					
Ban I	G/GYRCC	1,2	3			3			1	3						2*		1		3	2	
Ban II	GRGCY/C	3						1	1,2			1				1,2*	2,2*					
Bbs I	GAAGAC(2/6)		3		1			1					2					2*				
Bbs I	(6/2)GTCTTC											3			1		2,2*				1	

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Bcl I	T/GATCA				2						3						1					1
Bgl II	A/GATCT		1		2						3	2*					1					
Blp I	GC/TNAGC	1,3*					1	1				2,3	1				2,3					1,3
Bpm I	CTGGAG(16/14)							1	3			1							2			
Bpm I	(14/16)CTCCAG						1					1				3	2					
Bsa I	GGTCTC(1/5)								1			1					2,3*				2	
Bsa I	(5/1)GAGACC		2		3			1								2*		1				
BsaH I	GR/CGYC	1,2	3		1				1							2*	2*	2			1	
BsaW I	W/CCGGW		3						1							2	1	1			2*	
BseR I	GAGGAG(10/8)		2					1	3													
BseR I	(8/10)CTCCTC											1				3	2,2*					
Bsg I	GTGCAG(16/14)	3				2	1														1	
Bsg I	(14/16)CTGCAC	3				2				1		1							2*			
BsiE I	CGRY/CG	3	1,2*		2				2		3					1	1	3			3	
BsiHKA I	GWGCW/C	3				2		1		1		1					2,2*	2*			1	
BsiW I	C/GTACG		1,2*															1		3	2	
Bsm I	GAATGC(1/-1)	2*		2		1		1						3								
Bsm I	(-1/1)GCATTC	1								2	3						2*					
BsmB I	CGTCTC(1/5)		1									1					2*,3				2	
BsmB I	(5/1)GAGACG		2,2*		3			1										1				
BspD I	AT/CGAT		3		1						1						2					

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Ssp I	AAT/ATT			1							1,2									3		
Stu I	AGG/CCT	3	1						2			2*				1						
Sty I	C/CWWGG		1				2		2*	2		2,3	3	3		1			1			3
Xba I	T/CTAGA		1									2					1					3
Xho I	C/TCGAG		3					1				1					2					
Xma I	C/CCGGG		3						1,2*							1,2						