

愚公生物 & 百时美——限制酶特性表

名称		货号	酶切序列	随酶提供 Buffer	在不同 Buffer 中的活性				反应温度 (°C)	热失活温度 (°C)	甲基化敏感性	保护碱基 (bp)
					百时美 CutOne® Buffer	Thermo FastDigest Buffer	NEB rCutSmart™ Buffer	Takara QuickCut™ Buffer				
	LightNing® AatII	EG25511S	GACGT/C	CutOne®	100	< 25	100	< 25	37	80		Not Determined
	LightNing® AccI	EG15502S	GT/MKAC	CutOne®	100	< 10	100	< 10	37	80		13
	LightNing® AcI	EG25501V/S	C/CGC	CutOne®	100	100	100	100	37	80		5
	LightNing® AflII	EG24520S	C/TTAAG	CutOne®	100	75	100	100	37	80		Not Determined
	LightNing® AgeI	EG23501S	A/CCGGT	CutOne®	100	50	100	50	37	80		1
	LightNing® ApaI	EG25502S	GGGCC/C	CutOne®	100	<12.5	100	<12.5	37	80		1
	LightNing® ApaLI	EG15601S	G/TGCAC	CutOne®	100	75	100	100	37	80		Not Determined
	LightNing® AluI	EG24509S	AG/CT	CutOne®	100	100	100	100	37	80		2
	LightNing® AscI	EG15508S	GG/CGCGCC	CutOne®	100	100	100	100	37	80		0
	LightNing® AseI	EG25503S	AT/TAAT	CutOne®	100	100	100	100	37	80		Not Determined
	LightNing® AvaI	EG25509S	G/GWCC	CutOne®	100	100	100	100	37	80		Not Determined
	LightNing® AvrII	EG15509S	C/CTAGG	CutOne®	100	100	100	100	37	No		3
	LightNing® BamHI	EG15510S	G/GATCC	CutOne®	100	100	100	100	37	No		3
	LightNing® BbsI	EG24512S	GAAGAC(2/6)	CutOne®	100	≤10	100	25	37	80		1
	LightNing® BclI	EG15513S	T/GATCA	CutOne®	100	100	100	100	37	80		3
	LightNing® BglI	EG24507S	GCCNNNN/NGGC	CutOne®	100	100	100	100	37	80		Not Determined
	LightNing® BglII	EG15591S	A/GATCT	CutOne®	100	100	100	50	37	No		2
	LightNing® BsaI	EG15518S	GGTCTC(1/5)	CutOne®	100	100	100	100	37	80		1
	LightNing® Bsh1236I (BstUI)	EG25515S	CG/CG	CutOne®	100	100	100	100	37	80		Not Determined
	LightNing® BsmI	EG25507S	GAATGC(1/-1)	CutOne®	100	100	100	100	37	80		Not Determined
	LightNing® BspHI	EG25512S	T/CATGA	CutOne®	100	100	100	100	37	80		Not Determined
	LightNing® BsrGI	EG23505S	T/GTACA	CutOne®	100	100	100	100	37	80		1
	LightNing® BstBI	EG15607S	TT/CGAA	CutOne®	100	100	100	100	37	80		Not Determined
	LightNing® BstEII	EG15528S	G/GTNACC	CutOne®	100	75	100	75	37	80		Not Determined
	LightNing® Cfr42I (SacII)	EG25508S	CCGC/GG	CutOne®	100	<12.5	100	<12.5	37	80		Not Determined
	LightNing® ClaI	EG15532S	AT/CGAT	CutOne®	100	100	100	100	37	80		4
	LightNing® DdeI	EG24501S	C/TNAG	CutOne®	100	50	100	50	37	80		1
	LightNing® DpnI	EG15585S	GA ^{me} /TC	CutOne®	100	100	100	100	37	80		2
	LightNing® DpnII	EG15533S	/GATC	CutOne®	100	75	100	75	37	80		Not Determined
	LightNing® DraI	EG23502S	TTT/AAA	CutOne®	100	100	100	100	37	80		Not Determined
	LightNing® DraIII	EG24508S	CACNNN/GTG	CutOne®	100	100	100	100	37	No		1
	LightNing® EagI	EG15535S	C/GGCCG	CutOne®	100	100	100	100	37	80		2
	LightNing® EarI	EG23511S	CTCTTC(1/4)	CutOne®	100	12.5	100	25	37	80		Not Determined
	LightNing® EcoRI	EG15536S	G/AATTC	CutOne®	100	100	100	100	37	80		5
	LightNing® EcoRV	EG15537S	GAT/ATC	CutOne®	100	100	100	100	37	80		5
	LightNing® Esp3I (BsmBI)	EG21503S	CGTCTC(1/5)	CutOne®	100	100	100	100	37	80		1
	LightNing® FokI	EG24523S	GGATG(9/13)	CutOne®	100	50	100	50	37	80		Not Determined
	LightNing® FspI	EG15586S	TGC/GCA	CutOne®	100	100	100	100	37	No		Not Determined
	LightNing® HaeIII	EG23509S	GG/CC	CutOne®	100	100	100	100	37	80		Not Determined
	LightNing® HhaI	EG24510S	GCG/C	CutOne®	100	100	100	100	37	80		Not Determined
	LightNing® HindIII	EG15539S	A/AGCTT	CutOne®	100	75	100	100	37	80		3
	LightNing® HinfI	EG15593S	G/ANTC	CutOne®	100	100	100	100	37	80		Not Determined
	LightNing® HinP1I	EG24511S	G/CGC	CutOne®	100	75	100	75	37	80		Not Determined
	LightNing® HpaI	EG15541S	GTT/AAC	CutOne®	100	100	100	50	37	80		1
	LightNing® HpaII	EG23507S	C/CGG	CutOne®	100	< 25	100	< 25	37	80		Not Determined
	LightNing® Kasi	EG15543S	G/GCGCC	CutOne®	100	100	100	100	37	80		1
	LightNing® KpnI	EG15544S	GGTAC/C	CutOne®	100	100	100	100	37	No		2
	LightNing® MboI	EG24522S	/GATC	CutOne®	100	100	100	100	37	80		Not Determined
	LightNing® MluI	EG15547S	A/CGCGT	CutOne®	100	75	100	100	37	80		3
	LightNing® MnlI	EG15548S	CCTC(7/6)	CutOne®	100	100	100	100	37	80		Not Determined
	LightNing® MscI	EG25505S	TGG/CCA	CutOne®	100	100	100	100	37	80		Not Determined
	LightNing® MseI	EG24518S	T/TAA	CutOne®	100	25	100	25	37	80		1
	LightNing® MspI	EG23508S	C/CGG	CutOne®	100	25	100	25	37	No		Not Determined
	LightNing® MunI (MfeI)	EG23510S	C/AATTG	CutOne®	100	12.5	100	12.5	37	No		3
	LightNing® NcoI	EG15550S	C/CATGG	CutOne®	100	100	100	100	37	80		3
	LightNing® NdeI	EG15551S	CA/TATG	CutOne®	100	100	100	100	37	80		3
	LightNing® NheI	EG15552S	G/CTAGC	CutOne®	100	100	100	100	37	80		3
	LightNing® NotI	EG15553S	GC/GGCCGC	CutOne®	100	100	100	100	37	80		4
	LightNing® NruI	EG15602S	TCG/CGA	CutOne®	100	100	100	100	37	No		Not Determined
	LightNing® NsiI	EG15606S	ATGCA/T	CutOne®	100	100	100	100	37	80		3
	LightNing® PacI	EG15603S	TTAAT/TAA	CutOne®	100	100	100	100	37	80		1
	LightNing® PmeI	EG23506S	GTTT/AAAC	CutOne®	100	50	100	50	37	80		1
	LightNing® PmlI	EG25510S	CAC/GTG	CutOne®	100	<12.5	100	<12.5	37	80		Not Determined
	LightNing® PspGI (EcoRII)	EG15560S	/CCWGG	CutOne®	100	100	100	50	75	No		Not Determined
	LightNing® PstI	EG15561S	CTGCA/G	CutOne®	100	100	100	100	37	No		2
	LightNing® PvuI	EG23513S	CGAT/CG	CutOne®	100	100	100	100	37	80		1
	LightNing® PvuII	EG15604S	CAG/CTG	CutOne®	100	100	100	100	37	No		4
	LightNing® RsaI	EG24503S	GT/AC	CutOne®	100	25	100	25	37	No		2
	LightNing® SacI	EG15565S	GAGCT/C	CutOne®	100	100	100	100	37	80		3
	LightNing® SacII	EG15605S	CCGC/GG	CutOne®	100	100	100	100	37	80		1
	LightNing® SalI	EG15566S	G/TCGAC	CutOne®	100	100	100	100	37	80		3
	LightNing® SbfI	EG15568S	CCTGCA/GG	CutOne®	100	100	100	100	37	80		2
	LightNing® ScaI	EG24502S	AGT/ACT	CutOne®	100	100	100	100	37	80		2
	LightNing® SdaI (SbfI)	EG24515S	CCTGCA/GG	CutOne®	100	< 12.5	100	12.5	37	80		Not Determined
	LightNing® SfiI	EG15570S	GGCCNNNN/NGGCC	CutOne®	100	100	100	100	50	No		1
	LightNing® SmaI	EG15572S	CCC/GGG	CutOne®	100	100	100	100	25	80		1
	LightNing® SnaBI	EG24521S	TAC/GTA	CutOne®	100	50	100	50	37	80		Not Determined
	LightNing® SpeI	EG15574S	A/CTAGT	CutOne®	100	100	100	100	37	80		2