

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® Accl	EG15502S	GT/MKAC	CutOne®	100	< 10	100	< 10	37	80		13
LightNing® Afill	EG24520S	C/TTAAG	CutOne®	100	75	100	100	37	80		Not Determined
LightNing® Agel	EG23501S	A/CCGGT	CutOne®	100	50	100	50	37	80		1
LightNing® ApaI	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® 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® 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® 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 ^{m5} /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	50	37	80		Not Determined
LightNing® HinPI	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® KsaI	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/CCGGT	CutOne®	100	75	100	100	37	80		3
LightNing® MnlI	EG15548S	CCTC(7/6)	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® Nrul	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® PaeI	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® 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® Scal	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
LightNing® SphI	EG15575S	GCATG/C	CutOne®	100	100	100	100	37	80		1
LightNing® SspI	EG15576S	AAT/ATT	CutOne®	100	50	100	100	37	80		2
LightNing® StuI	EG15577S	AGG/CCT	CutOne®	100	100	100	100	37	80		1
LightNing® TaqI	EG15580S	T/CGA	CutOne®	100	100	100	100	65	No		Not Determined
LightNing® Tsp45I	EG24517S	/GTSAC	CutOne®	100	12.5	100	25	65	No		Not Determined
LightNing® XbaI	EG15581S	T/CTAGA	CutOne®	100	50	100	100	37	80		2
LightNing® XcmI	EG15582S	CCANNNN/NNNTGG	CutOne®	100	50	100	25~50	37	80		Not Determined
LightNing® XhoI	EG15583S	C/TCGAG	CutOne®	100	100	100	100	37	80		4
BsiWI	EG24506S	C/GTACG	Cut Buffer C		专用缓冲液，不兼容其他			55	80		2
BsmBI	EG22507S	CGTCTC(1/5)	HN Buffer		专用缓冲液，不兼容其他			55	80		Not Determined
BspQI	EG23503S	GCTCTTC(1/4)	HN Buffer		专用缓冲液，不兼容其他			50	80		Not Determined
SgeI	EG21501S	^{m5} CNNG(9/13)	SgeI Buffer		专用缓冲液，不兼容其他			37	80		Not Determined
BstXI	EG24516S	CCANNNN/NTGG	Cut Buffer C	25	100	25	100	37	80		Not Determined
SspDI (KasI)	EG24514S	G/GCGCC	CutOne®	100	< 12.5	100	< 25	37	80		Not Determined
EcoRI, ADCF	EG22504S	G/AATTC	CutOne® Buffer, ADCF		专用缓冲液，不兼容其他			37	80		5
Esp3I(BsmBI), ADCF	EG21504H	CGTCTC(1/5)	Esp3I Buffer, ADCF		专用缓冲液，不兼容其他			37	80		1
BsaI, GMP Grade	GMP501S	GGTCTC(1/5)	Cut Buffer F, GMP Grade		专用缓冲液，不兼容其他			37	80		1
BspQI, GMP Grad	GMP503S	GCTCTTC(1/4)	Cut Buffer C, GMP Grade		专用缓冲液，不兼容其他			50	80		Not Determined
NheI, GMP Grade	GMP505S	G/CTAGC	CutOne® Buffer, GMP Grade	100	100	100	100	37	80		3
XbaI, GMP Grade	GMP502S	T/CTAGA	CutOne® Buffer, GMP Grade		专用缓冲液，不兼容其他			37	80		2
XhoI, GMP Grade	GMP504S	C/TCGAG	Cut Buffer F, GMP Grade					37	80		4
Nb.BsrDI	EG23514S	GCAATG(none/0)	CutOne® Buffer	100	专用缓冲液，不兼容其他			65	80		Not Determined
Nt.BspQI	EG23512S	GCTCTTC(1/none)	Cut Buffer C		专用缓冲液，不兼容其他			50	80		Not Determined
Nt.BstNBI	EG24504S	GAGTC(4/none)	Cut Buffer C		专用缓冲液，不兼容其他			65	80		Not Determined

15分钟快切
 生产过程符合 GMP 规范
 不含动物源性相关组分
 可用于表观遗传学分析
 受 EcoKI 甲基化影响
 受 Dcm 甲基化影响
 受 Dam 甲基化影响
 受 CpG 甲基化影响
 受 EcoBI 甲基化影响