

修飾酵素に関して

修飾酵素の用途一覧

D-j

修飾酵素

用途		In vitro Labeling							DNA Sequencing	Ligation			
		DNA			RNA			1st Strand cDNA		DNA			RNA
		3'	5'	Internal	3'	5'	Internal			Single-stranded	Cohesive-ended ds	Blunt-ended ds	Single-stranded
Ligase	DNA	T4 DNA Ligase, cloned									●	●	
		E. coli DNA Ligase, cloned									●		
	RNA	●			●				●			●	
Polynucleotide Kinase			●			●							
Alkaline Phosphatase			●			●							
			●			●							
			●			●							
Polymerase	DNA	DNA Polymerase I (E. coli), cloned											
		Klenow Fragment, cloned							●				
		T4 DNA Polymerase, cloned							●				
		PrimeScript Reverse Transcriptase										●	
		Reverse Transcriptase XL (AMV)										●	
		Reverse Transcriptase (M-MLV)										●	
	Terminal Deoxynucleotidyl Transferase							●					
	RNA	SP6 RNA Polymerase, cloned											
		T7 RNA Polymerase, cloned											
Poly (A) Polymerase									●				
Nuclease	DNA · RNA	S1 Nuclease											
		Mung Bean Nuclease											
		Micrococcal Nuclease											
	DNA	BAL 31 Nuclease											
		Exonuclease I, cloned											
		Exonuclease III, cloned									●		
		Recombinant DNase I (RNase-free)									●		
		Restriction Endonuclease											
	RNA	Ribonuclease H, cloned											
DNA Topoisomerase I													
Ribonuclease Inhibitor													

Mapping				Muta- genesis		cDNA Synthesis		In vitro Transcription	Tailing	Duplex Shortening	Blunting Ends	RNA Structure Probing	cDNA cloning	Digestion of Nucleic Acids
Structural	Transcript	Footprint	Restriction	Oligomer	Misrepair	1st Strand	2nd Strand							
				●	●									
				●									●	
				●			●							
							●			●	●			
					●	●					●		●	
					●	●					●		●	
					●	●					●		●	
									●					●
								●						
								●						
●	●								●		●			
●	●									●	●			
										●				●
										●				●
		●		●						●				
		●						●						●
			●										●	
							●					●	●	
							●						●	
						●		●					●	

※記号がある場合は巻頭の「総合カタログ2012-2013について」の「カタログ中の記号」をご確認ください。