

Application / Method	Optimised Application Oligos				Custom DNA Oligos		
	PCR Primer	SeqPrimer	Cloning Oligos	NGSgrade Oligos	HPSF purified	HPLC purified	PAGE purified
PCR							
End-point PCR	✓				✓		
Nested PCR	✓				✓		
Multiplex PCR	✓				✓		
Reverse-transcriptase PCR	✓				✓		
Real-time PCR	✓				✓		
Multiplex real-time PCR	✓				✓		
PCR followed by sequencing		✓					
PCR optimisation						✓ + TINA	
Sanger Sequencing							
DNA sequencing		✓					
PCR sequencing		✓					
Re-sequencing		✓					
Mutation analysis		✓					
Fragment length analysis		✓				✓	
DNA Cloning							
PCR cloning			✓				
Subcloning			✓				
Seamless cloning			✓				
Recombination cloning			✓				
Mutagenesis (SDM)			✓				
Next Generation Sequencing				✓			
Other Applications where truncated primer sequences are critical							
Oligos < 45mer					✓		
Oligos > 50mer						✓	✓
Oligos > 80mer							✓