

	SupraTherm™ Taq DNA Polymerase	BioTherm™ Taq DNA Polymerase	BioThermPlus™ Taq DNA Polymerase	BioThermStar™ Taq DNA Polymerase	BioThermAB™ Taq DNA Polymerase	AccuTherm™ DNA Polymerase	KlenTherm™ DNA Polymerase	KlenThermPlatinum™ DNA Polymerase	KlenThermase™ DNA Polymerase	Synergy™ DNA Polymerase	TthPlus™ DNA Polymerase	GeneScript™ Reverse Transcriptase	GeneScriptPlus™ Reverse Transcriptase
PROPERTIES													
Amplification (kb)	<5	<5	<10	<5	<5	<2	<3	<3	<3	<10	<1	N/A	N/A
5' → 3' exo	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	No	No
3' → 5' exo (proofreading)	No	No	Yes	No	No	Yes	No	No	No	Yes	No	No	No
Resulting Ends	3' A	3' A	3' A / Blunt	3' A	3' A	Blunt	Blunt	Blunt	Blunt	Blunt	3' A	N/A	N/A
Hot-Start	No	No	No	Yes	Yes	No	No	No	No	No	No	No	No
PERFORMANCE													
Accuracy	*	*	**	*	*	***	**	***	**	**	*	*	*
Specificity	*	*	**	**	**	*	*	***	*	**	**	*	***
Difficult template	*	*	*	*	*	*	***	***	*	*	*	*	*
High yield	*	*	**	**	**	*	*	*	*	*	**	*	***
Low copy template	*	**	***	**	**	*	*	**	*	*	*	*	*
APPLICATION													
Routine PCR	***	**	**	*	*								
High Fidelity PCR			**			***	*	*		**			
Long and Accurate			**							***			
RT-PCR											**	**	***
qPCR				***	***								
Cycle sequencing									***				
Mutation Analysis							**	***					