

# User's Selection Guide

## Properties of PCR Enzymes

### rTaq

Specificity ★★★	Fidelity ★	Yield ★★★	Speed ★★	Max Size 6 kbp	3' end 3'-dA
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Applications : Confirmation PCR like colony PCR, RT-PCR, genomic PCR without considering fidelity

### rTaq Plus

Specificity ★★★	Fidelity ★	Yield ★★★★★	Speed ★★★★	Max Size 10 kbp	3' end 3'-dA
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Applications : Rapid PCR for colony PCR, RT-PCR, genomic PCR without considering fidelity, multiplex PCR

### rTaq Plus HOT

Specificity ★★★★★	Fidelity ★	Yield ★★★★★	Speed ★★★★	Max Size 10 kbp	3' end 3'-dA
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Applications : RT-PCR, genomic PCR, multiplex PCR, real-time PCR with SYBR dye

### HiPi

Specificity ★★★★	Fidelity ★★	Yield ★★	Speed ★	Max Size 3 kbp	3' end 3'-dA
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Applications : General RT-PCR, genomic PCR, colony PCR with increased specificity

### HiPi V2

Specificity ★★★★	Fidelity ★★	Yield ★★★★	Speed ★★★★	Max Size 10 kbp	3' end 3'-dA
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Applications : General RT-PCR, genomic PCR, colony PCR with increased specificity

### HiPi Plus

Specificity ★★★★★	Fidelity ★★★	Yield ★★★★	Speed ★★	Max Size 10 kbp	3' end blunt + 3'-dA
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Applications : General RT-PCR, genomic PCR, colony PCR with increased specificity

### HiPi Super

Specificity ★★★	Fidelity ★★★	Yield ★★★★	Speed ★★★★★	Max Size 40 kbp	3' end blunt + 3'-dA
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Applications : Long PCR at extremely short running time

### Pfu

Specificity ★★★	Fidelity ★★★★★	Yield ★	Speed ★	Max Size 6 kbp	3' end blunt
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Applications : PCR for a cloning and point mutagenesis with low error rate

### Pfu Plus

Specificity ★★★	Fidelity ★★★★★	Yield ★★★★	Speed ★★	Max Size 12 kbp	3' end blunt
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Applications : PCR for a cloning and point mutagenesis with low error rate

### Pfu Plus HOT

Specificity ★★★★★	Fidelity ★★★★★	Yield ★★★★★	Speed ★★	Max Size 12 kbp	3' end blunt
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Applications : PCR for a cloning and point mutagenesis with low error rate

### Pfu Super

Specificity ★★★	Fidelity ★★★★★	Yield ★★	Speed ★★★★	Max Size 15 kbp	3' end blunt
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Applications : Long PCR for a cloning and point mutagenesis with extremely low error rate and short running time