



PCR Selection Guide



Application	Best Performance	Suitable Performance	Best Value	Hot Start	Master Mix	Proof-Reading	Direct Gel Loading
Standard PCR/ Screening	AZ-1322 Azura 2x Taq Red Mix				✓		✓
		AZ-1302 Azura 2x Taq Mix			✓		
			AZ-1205 Azura Taq Polymerase				
Rapid Genotyping	AZ-3310 Flash-Extract™ PCR Kit			✓	✓	✓	✓
		AZ-1851 Azura Mouse Genotyping Kit		✓	✓		✓
			AZ-3410 Flash-Extract™ Lysis Solution				
Conventional Genotyping	AZ-1622 Azura 2x HS Taq Red Mix			✓	✓		✓
		AZ-1602 Azura 2x HS Taq Mix		✓	✓		
			AZ-1322 Azura 2x Taq Red Mix		✓		✓
Colony PCR	AZ-1910 ExtremeTaq™ HiFi Red Mix			✓	✓	✓	✓
		AZ-1622 Azura 2x HS Taq Red Mix		✓	✓		✓
			AZ-1322 Azura 2x Taq Red Mix		✓		✓
Ultra High- Fidelity PCR	AZ-1920 TruFi™ II Ultra 2x Mix				✓	✓	
		AZ-1910 ExtremeTaq™ HiFi Red Mix		✓	✓	✓	✓
			AZ-1720 TruFi™ II DNA Polymerase			✓	
Fast PCR	AZ-1622 Azura 2x HS Taq Red Mix			✓	✓		✓
		AZ-1910 ExtremeTaq™ HiFi Red Mix		✓	✓	✓	✓
			AZ-1505 Azura HS Taq Polymerase	✓			
Long PCR	AZ-1920 TruFi™ II Ultra 2x Mix				✓	✓	
		AZ-1910 ExtremeTaq™ HiFi Red Mix		✓	✓	✓	✓
			AZ-1720 TruFi™ II DNA Polymerase			✓	
GC-Rich DNA Amplification	AZ-1910 ExtremeTaq™ HiFi Red Mix			✓	✓	✓	✓
		AZ-1622 Azura 2x HS Taq Red Mix		✓	✓		✓
			AZ-1505 Azura HS Taq Polymerase	✓			
Multiplex PCR	AZ-1505 Azura HS Taq Polymerase			✓			
		AZ-1905 ExtremeTaq™ DNA Polymerase		✓		✓	
			AZ-1205 Azura Taq Polymerase				
Low Copy PCR	AZ-1910 ExtremeTaq HiFi Red Mix			✓	✓	✓	✓
		AZ-1622 Azura 2x HS Taq Red Mix		✓	✓		✓
			AZ-1905 ExtremeTaq™ DNA Polymerase	✓		✓	
BiSulfite DNA PCR	AZ-1622 Azura 2x HS Taq Red Mix			✓	✓		✓
		AZ-1910 ExtremeTaq™ HiFi Red Mix		✓	✓	✓	✓
			AZ-1505 Azura HS Taq Polymerase	✓			
TA Cloning	AZ-1910 ExtremeTaq HiFi Red Mix			✓	✓	✓	✓
		AZ-1322 Azura 2x Taq Red Mix			✓		✓
			AZ-1205 Azura Taq Polymerase				
Blunt End Cloning	AZ-1920 TruFi™ II Ultra 2x Mix				✓	✓	
		AZ-1720 TruFi™ II DNA Polymerase				✓	
			AZ-1720 TruFi™ II DNA Polymerase			✓	
End-Point RT-PCR	AZ-1825 Azura 1-Step Ultra RT-PCR Kit			✓	✓		