

g20 (myovirus) PCR Protocol

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Abstract

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Guidelines

Primers:

CPS1.1 primer A: GTA GWA TWT TYT AYA TTG AYG TWG G

CPS8.1 primer B: ART AYT TDC CDA YRW AWG GWT C

Reaction Mix:

Water	14.25µl
10x LA Buffer	2.5µl
dNTP mix, 2.mM each	5.0µl
Primer A, 100µM	1.0µl
Primer B, 100µM	1.0µl
LA Takara HS 2.5U/µl	0.25µl
DNA (viral lysates)	1.0µl
Total = 25µl	

Cycling

94°C 3 min

94°C 15 sec

35°C 1 min, ramped up 0.3°C/cycle 30 cycles

73°C 1 min

73°C 10 min

4°C Hold

Products in the range of 600 bp (may also see less intense band ~400 bp)

Protocol