

Cellulophaga 38:1 Lytic Gene PCR

Matthew Sullivan

Abstract

Citation: Matthew Sullivan Cellulophaga 38:1 Lytic Gene PCR. **protocols.io**

dx.doi.org/10.17504/protocols.io.dfz3p5

Published: 21 Jan 2016

Guidelines

Primers:

381_Lysis_418_F: TGC CTG AAC GGC TTA GAG GTT TGC

381_Lysis_418_R: AGC ACC AAT CGG CGT CTT CGT

Putative Lysis gene product = 350 bp

Reaction Mix

Water 10.5-6.5µl

GoTaq Green 12.5µl

Primer F, 10µM 0.5µl

Primer R, 10µM 0.5µl

DNA template 1.0-5.0µl

Total 25µl

Cycling

95°C 5 min (try 98°C for sorted samples to bust open capsids)

95°C 30 sec

59.9°C 30 sec 30 cycles

72°C 90sec

72°C 5-10min

15°C Hold

Protocol