

Single worm PCR

1. Add 30ul of 10mg / ml proteinase K to 500 ul of lysis buffer
2. Add 1 worm / 5ul lysis buffer
3. 15 min. at -85°C
4. 1 hr. at 60°C
5. 15 min. at 95°C
6. Use 5ul / 50ul PCR reaction

Lysis buffer:

50mM KCl 10mM Tris pH8.2 2.5mM MgCl₂ 0.45% NP-40 0.45% Tween 20 0.01% gelatin