Isolating genomic DNA for PCR only
(cannot use this procedure if you want to do southerns on the DNA)

1. Put the appropriate number of cells in an eppi (preferably screw cap). No more than ~4 x 10^6 total.

2. Spin cells 5 min, 2500 rpm in an eppendorf centrifuge. Aspirate sup.


4. Boil 2 min.

5. Add 40 µl/ml of proteinase K (10 mg/ml stock).

6. Incubate 55°C, 30 min.


8. Add 1/10 vol. 3M NaOAc and equal volume of isopropanol to precipitate.

9. Spin 10 min. high speed to pellet DNA. Wash 1X with 70% EtOH.

10. Resuspend pellet in TE or ddH₂O to 4 x 10^6/ml.