

Ethanol precipitation

Add 3 volumes of 95% EtOH and 0.5 M NH₄Ac

Precipitate the DNA at -80 C for 30 minutes

Pellet the DNA at 14K for 10 minutes at 4 C

Wash the DNA pellet with 500 uL 70% EtOH and spin at 14K for 5 minutes

Aspirate the EtOH, air dry the pellet, and then resuspend in 500 uL ddH₂O

Method 2

Add 1/10 volume of 3M sodium acetate

Mix well

Add 2 volumes of cold 100% EtOH

Incubate for 20 minutes at -80C

Spin at 15K in the J6 centrifuge for 15 minutes

Wash DNA pellet with 1mL 70% ethanol

Spin again for 5 minutes

Carefully decant and air dry the pellet

Resuspend the pellet in water