

Tail Prep
03/30/06

1. Add 700ul of tail buffer and 35ul of Proteinase K (20mg/ml) to each eppie containing a tail. Incubate overnight at 55C in shaking water bath.
2. Add 500ul Saturated NaCl to each eppie and shake about 1 minute.
3. Chill on ice 10-20 minutes.
4. Spin 7500rpm for 5 min.
5. Transfer 500ul to clean eppie containing 1 ml 95% EtOH and invert about 10-15 times.
6. Spool DNA with glass hook, dip 3x in 1 ml 70% EtOH and let air dry.
7. Resuspend in 100-250 ul H₂O
8. Incubate 3-6 hours at 37C to fully resuspend.
9. If you cannot see the DNA to spool it, spin tube 12,000 x g for 5 minutes. Remove supernatant and add 1 ml 70% EtOH. Spin again 12,000 x g for 5 minutes. Resuspend at 75 ul.