

SINGLE FLY DNA PREPS FOR PCR

1.) Make fresh squishing buffer (SB):

10 mM Tris pH 8.2
25 mM NaCl
1 mM EDTA
200 ug/ml Proteinase K from frozen aliquot

2.) Place one fly in a 0.5 ml tube and mash the fly for 5-10 seconds with a pipette tip containing 50 ul of SB, without expelling and liquid (sufficient liquid escapes from the tip). Then expel the remaining SB.

3.) Incubate at 37°C for 30 minutes.

4.) Incubate at 85°C for 10 minutes.

5.) Spin for 1 minute in the microfuge and place on ice.

6.) Use 1 to 2 ul for a PCR.