**gDNA extraction from PCF *T. brucei***

Collect 5.107 cells

Centrifuge 1000g 10 min

Wash 1x PBS

Resuspend in 150ul TELT buffer (50 mM Tris-HCl, pH8 or 8.8, 62.5 mM EDTA, 2.5 M LiCl, 4% (v/v) Triton-X- 100. **NO VORTEX**

Incubate 5 min

Add 150 ul Phenol/Chloroform (/isoamyl alcohol 125/24/1). **Under the Chemical hood**

Inverte 2-3 times the eppendorf

Centrifuge 5 min 13000g

Collect upper phase (≤100ul). **Under the Chemical hood**

Repeat the centrifugation if necessary to collect more, or if the collected fraction contains precipitated proteins or Phenol/Chloroform.

Add 300ul EtOH 100%.

Centrifuge 10 min 13000g

Wash the pellet in 70% EtOH (500-1000ul)

Centrifuge 10 min 13000g

Air dry

Resuspend in 100ul H2O

Store at -20°C