Genomic DNA Rapid Prep

Spin 1.5 ml O/N YPD culture
Wash with 500 µl H_2O (add, spin, remove sup.)
Vortex briefly
Add 200 µl glass beads, 200 µl breaking buffer, 200 µl phenol-chloroform
Vortex 5 min
Add 200 µl H_2O
Spin 5 min
Transfer supernatant to a new tube
Add 1 ml EtOH, mix by inversion
Spin 10 min, discard supernatant
Add 400 µl H_2O and 3 µl RNase A (10 µg/µl)
Incubate @ 37 °C for >30 min
Add 5.5 µl NH_4Acetate (7.5M) and 1 ml EtOH, mix by inversion
Incubate @ -20 °C for 30 min
Spin 20 min, discard supernatant
Resuspend in 50 µl H_2O

Breaking Buffer	**[Final]**	**[Stock]**	**100 ml**
Triton X100	2%	10%	20 ml
SDS	1%	10%	10 ml
NaCl	100 mM	5 M	2 ml
Tris-HCl pH 8.0	10 mM	1 M	1 ml
EDTA pH 8.0	1 mM	0.5 M	0.2 ml
H_2O			66.8 ml