TCA Precipitation (Supernatant)

1. Let cells grow for 7 days
2. spin down 2 ml cells at 4000 rpm, 4°C for 2 min
3. transfer supernatant to a new Eppendorf tube
4. repeat step 2 and 3
5. add 230 µl 80 % TCA to protein sample (min. 10 %). vortex thoroughly
6. incubate on ice for 30 min
7. spin samples in microfuge at 15000 g, 4°C for 15 min
8. carefully remove all supernatant
9. add 300 µl freezing cold acetone, vortex thoroughly and spin at 15000g, 4°C for 5 min
10. carefully remove supernatant and dry pellet
11. resuspend samples in 20 µl 1xSDS buffer
12. boil samples at 95°C for 5 min and vortex in between
13. perform SDS-page (15 µl sample, gel with 8% polyacrylamide)