

## Steps

1. Transform L4440-XX plasmid into HT115 (DE3) bacteria – plate on LB/amp/tet
  2. Inoculate 50 ml LB/amp/tet w. 0.5 ml O/N culture or directly from plate
  3. Grow at 37°C until OD<sub>600</sub> reaches 0.4
  4. Induce with IPTG to a final concentration of 2 mM
  5. Continue growth for 4 hours
  6. Prepare small NGM plates w. 40 µl IPTG (168 mM) + 2.5 µl amp
  7. Spin down bacteria – resuspend in 10 ml LB/amp/2 mM IPTG
  8. Inoculate NGM plates w. 100 µl bacteria suspension
  9. Use plates immediately or store at RT.
- Inoculate plates with worms as you prefer – I have seen phenotypes after 17 hours at 25°C