

Screening

- Image plates under a florescent camera.
- Mark positive colonies on the plate
- Isolate the colonies with an inoculating loop and streak on grid plate with ampicillin
- Grow cultures for 16 hours
- Image grid plates using the florescent camera. NOTE: Basal expression was determined as the brightest colonies.
- Inoculate 8 ml LB + ampicillin with the brightest colonies from the grid plate and grown to an optical density of 0.4
- Spin cultures at 5000 RPM for 10 minutes at 4 °C.