（1）Plate culture

1. Experimental steps:

Centrifuge the EP tube 6000rmp containing 1 ml of the transformant for 5 minutes,Take 700 μl of the supernatant with a pipette near the alcohol lamp and discard it,Mix the concentrated supernatant with the precipitate,Take 50 μl of the bacterial solution in a Petri dish, pour in a proper amount of glass beads, shake it from side to side until the bacterial solution is evenly spread,pour out the glass beads,the culture dish with the bacterial liquid was placed in a 37 ℃incubator and cultured overnight.