Screening For Clones by Colony Hybridization:

1. Prepare Soln's:
   A. 10% SDS
   B. 0.5N NaOH
      1.5M NaCl
   C. 0.5M Tris pH 8.0
      1.5M NaCl

2. Holding filters at edge using forceps or fingertips lay down gently starting from the center of plate. Allow filter slowly wetting for about 3 mins.

3. Using a clean forceps lift of filter membrane very slowly from one edge and place onto a wet 3mm Whatman paper soaked in 10% SDS with the side containing the Colony facing upwards away from the 3mm Whatman.
   - allow to sit for 3 mins (lysis)

4. Transfer the filters to the second tray containing 3mm Whatman soaked in 0.5N NaOH, 1.5M NaCl
   - allow to sit for 5 mins. Denature.

5. Transfer filters to the third tray containing 3mm Whatman soaked in 0.5M Tris pH 8.0, 1.5M NaCl
   - allow to neutralize for 5 mins

6. Transfer filters to a fresh, dry 3mm Whatman. Bake for 30 mins.

7. Prehybridize 1-2 hours. Hybridize and wash as for Southern