

Screening For Clones by Colony Hybridization :

1. Prepare Sol^{ns}.
 - 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 forcep lift off 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. Denaturation.
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