APPENDIX:

Sleeping Beauty and Prince Buffer

1) Fix in 200 mM Imidazole containing 0.1 % SDS:
- 2.72 g Imidazole + 0.2 g SDS, dissolve in 200 mL dist. water.
15 min with continuous shaking.

2) Rinse with dist water.

3) Stain (negative) with 200 mM Zinc sulphate:
- 5.74 g Zn SO$_4$, dissolve in 200 mL dist. water.
Ca. 5 min with continuous shaking until white background has developed.

4) Rinse with dist water.

5) “Sleeping Beauty”
Store in new fixing solution diluted 1 : 10 with dist. water

6) “Prince”
Mobilize proteins with 50 mM EDTA, 25 mM Tris; pH 8.3
- 0.61 g Tris + 3.72 g EDTA-Na$_2$, dissolve in 200 mL dist. water, adjust to pH 8.3 with a few grains of Tris when necessary.
6 min in 10 mL per strip with vigorous shaking.

Continue with Equilibration of the strip.

Ref.:
Hardy E, Santana H, Sosa, Hernandez L, Fernandez-Patron C, Castellanos-Serra L.