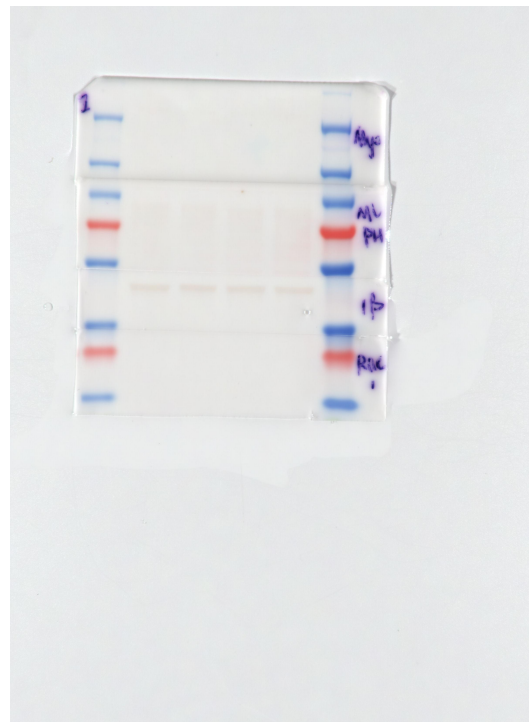
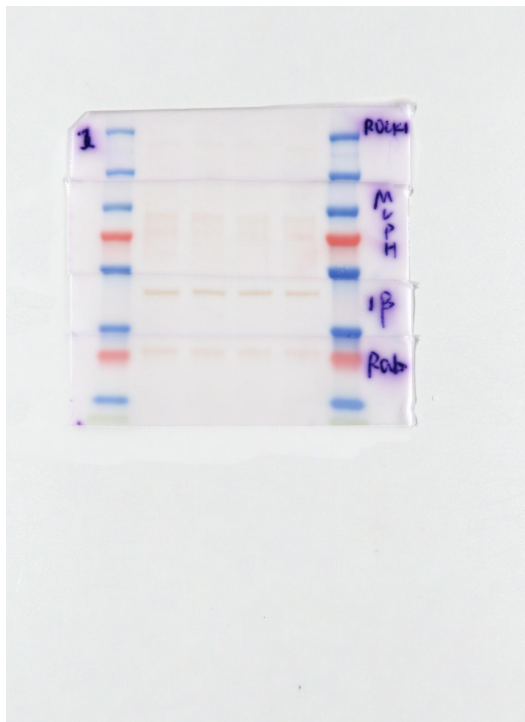
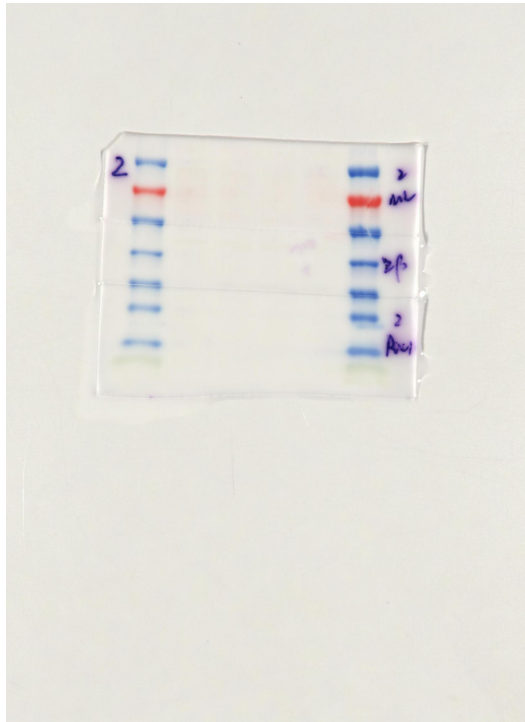


Supplementary information of gels/blots

1. Primary human melanocytes were growing slowly, and which were taken from human tissue samples (human foreskin tissue), so the PVDF membrane containing protein was cut into different fragments based on bilateral markers, and then incubated in different primary antibodies. Cropped gels/blots were re-spliced together.

Full-length gels and blots:



2. Since some of the proteins are close in molecular weight (e.g., TYR:80kDa, TYRP1:70-90kDa; RhoA:22kDa, Rac1:21kDa), it is difficult to show all the molecules on the same membrane, but the gels/blots presented in figure was from the same protein sample which extracted from the same batch of cells. I have added this in the figure legend. Thanks for your reminder and recommendation.