



S4 Fig. **Specificity of the anti-PIP2 antibody.** PIP2 is located at the plasma membrane and can only be detected in naïve HeLa cells at 0 °C [51]. We confirm the activity and specificity of the antibody used in this study by immunostaining for PIP2 (red) at 0 °C. The nucleus was stained with DAPI (blue).