

## Mechanisms and Inhibition of Porcupine-Mediated Wnt Acylation

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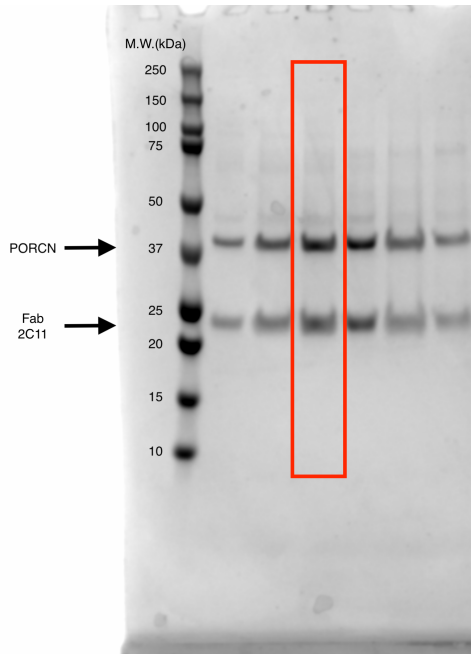
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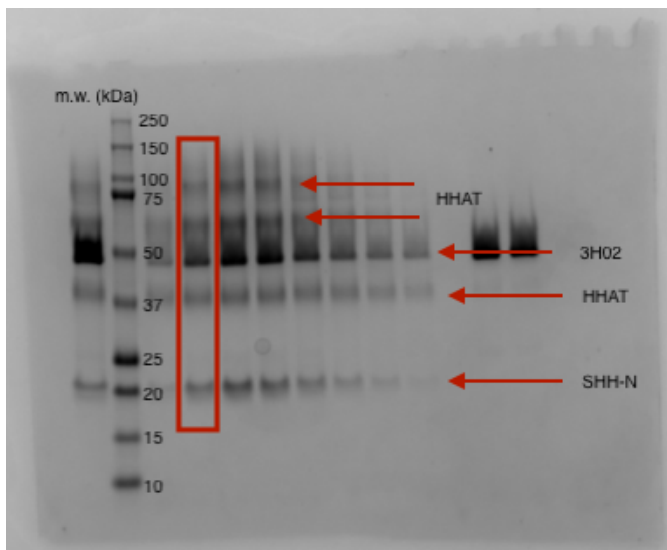
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**Supplementary Figure 1 Uncropped gels**

**a,** Uncropped gel for Extended Data Fig. 2a.



**b,** Uncropped gel for Extended Data Fig. 9a.



**Supplementary Video 1 Molecular dynamics simulations of PORCN with palmitoleoyl-CoA in curled-up conformation in 100 ns time scale.**

The PORCN is colored in cyan, and the palmitoleoyl-CoA is colored in orange. Residues Trp300 and His357 are shown in sticks.

**Supplementary Video 2 Molecular dynamics simulations of PORCN with palmitoleoyl-CoA in curled-down conformation in 100 ns time scale.**

The PORCN is colored in cyan, and the palmitoleoyl-CoA is colored in gray. Residues Trp300 and His357 are shown in sticks.

**Supplementary Video 3 Molecular dynamics simulations of WNT3A-PORCN complex in 100 ns time scale.**

The PORCN is colored in cyan and the WNT3A is colored in blue. The disulfide bonds are shown in sticks.

**Supplementary Video 4 Molecular dynamics simulations of PORCN in 100 ns time scale.**

The PORCN-TM11 is colored in red.