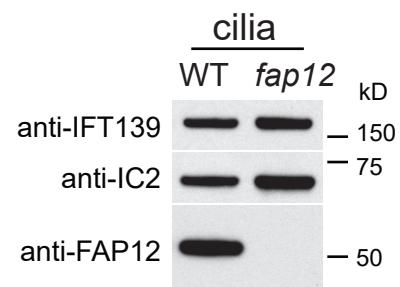
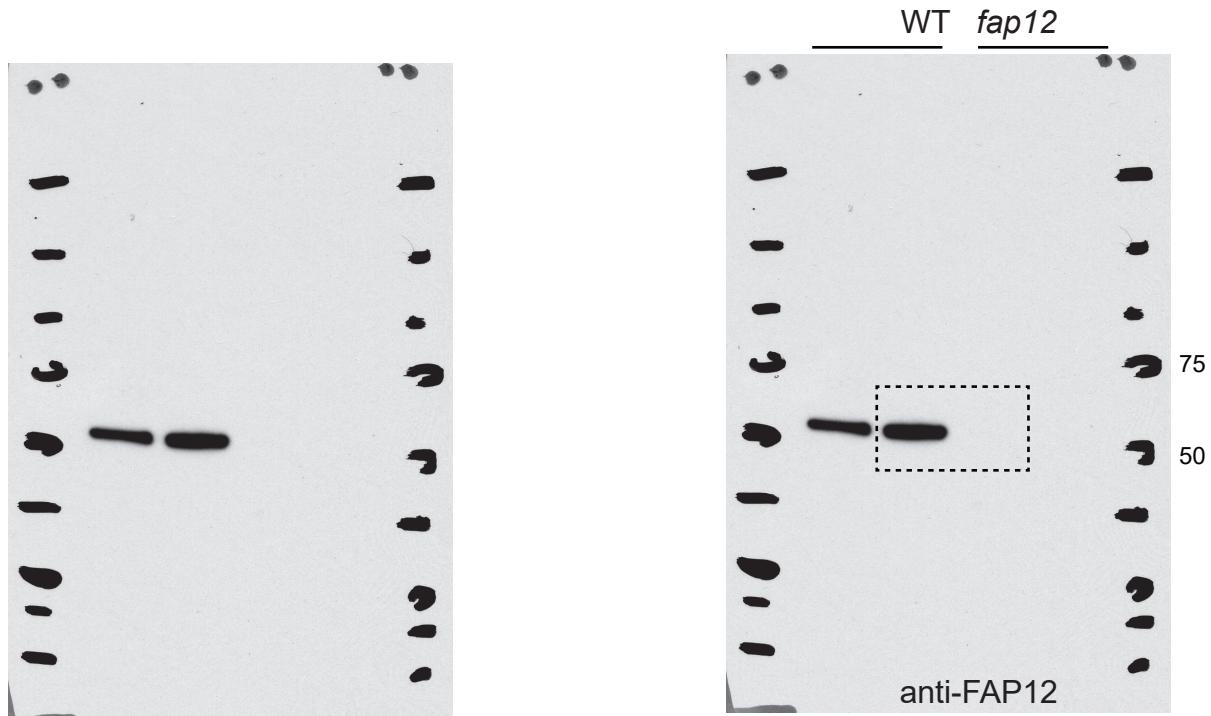


Figure S2C source file

loaded: cilia of control, control, fap12, fap12



anti-FAP12



**Figure S2E**

**Loaded:**  
WT, *arl13*, strain x, strain y

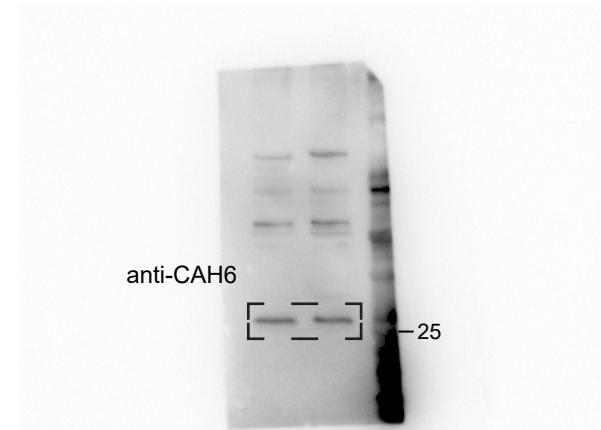
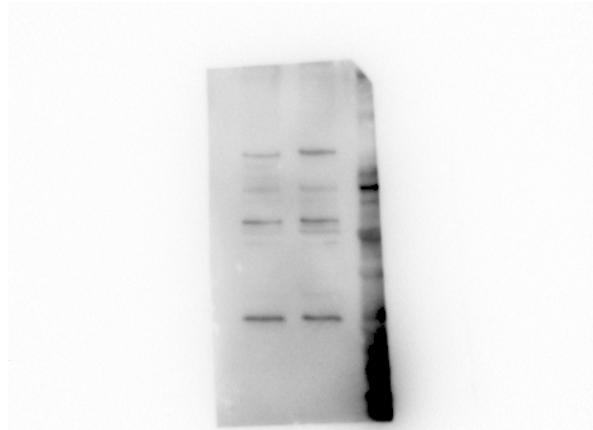
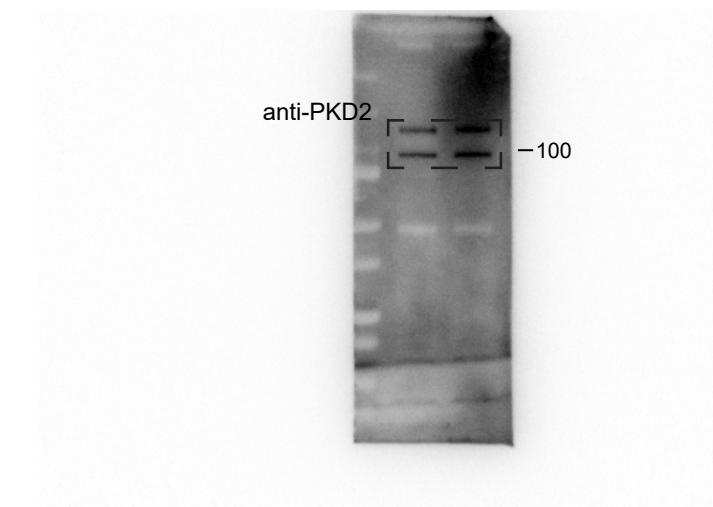
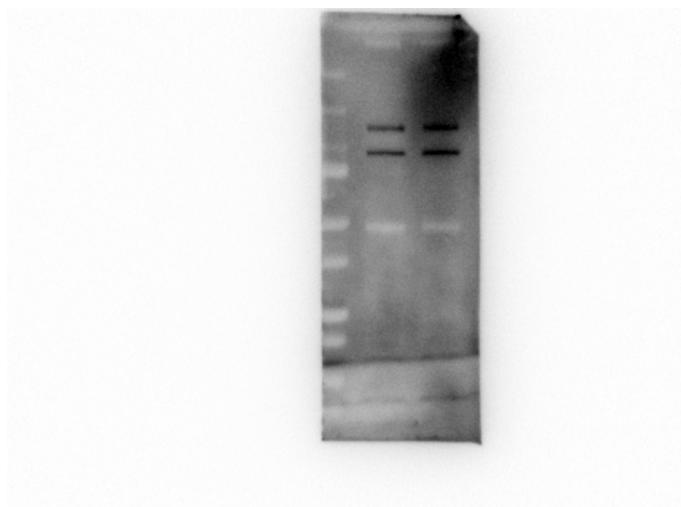
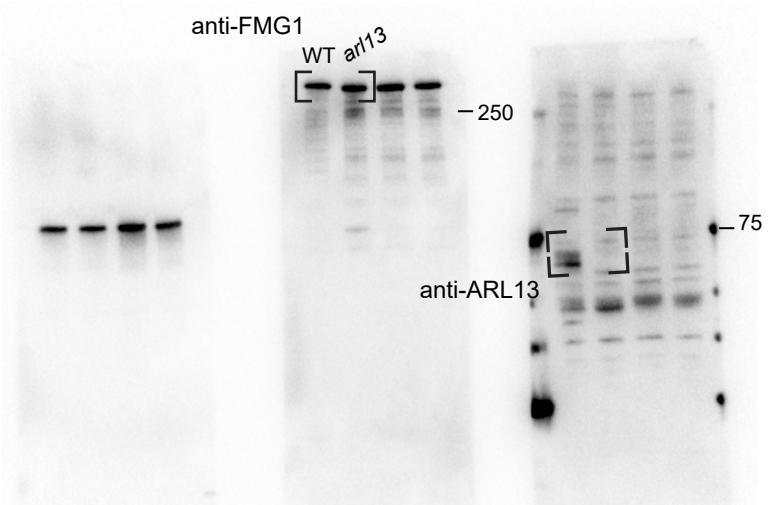
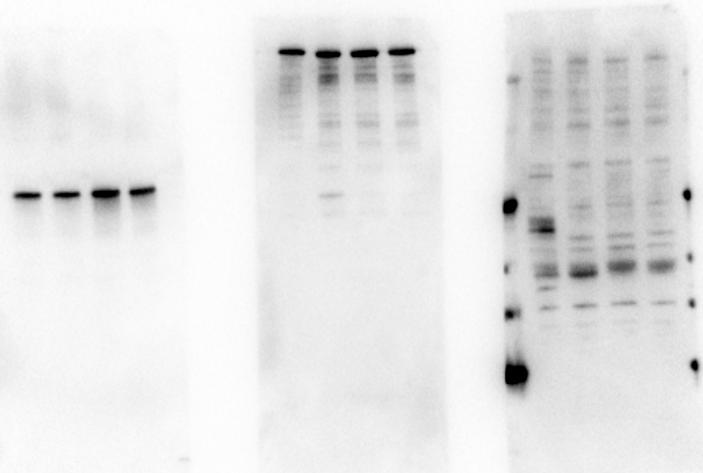
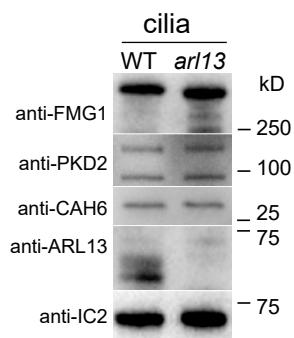


Figure S2E - part 2

**Loaded:**

WT, *arl13*, strain x, strain y

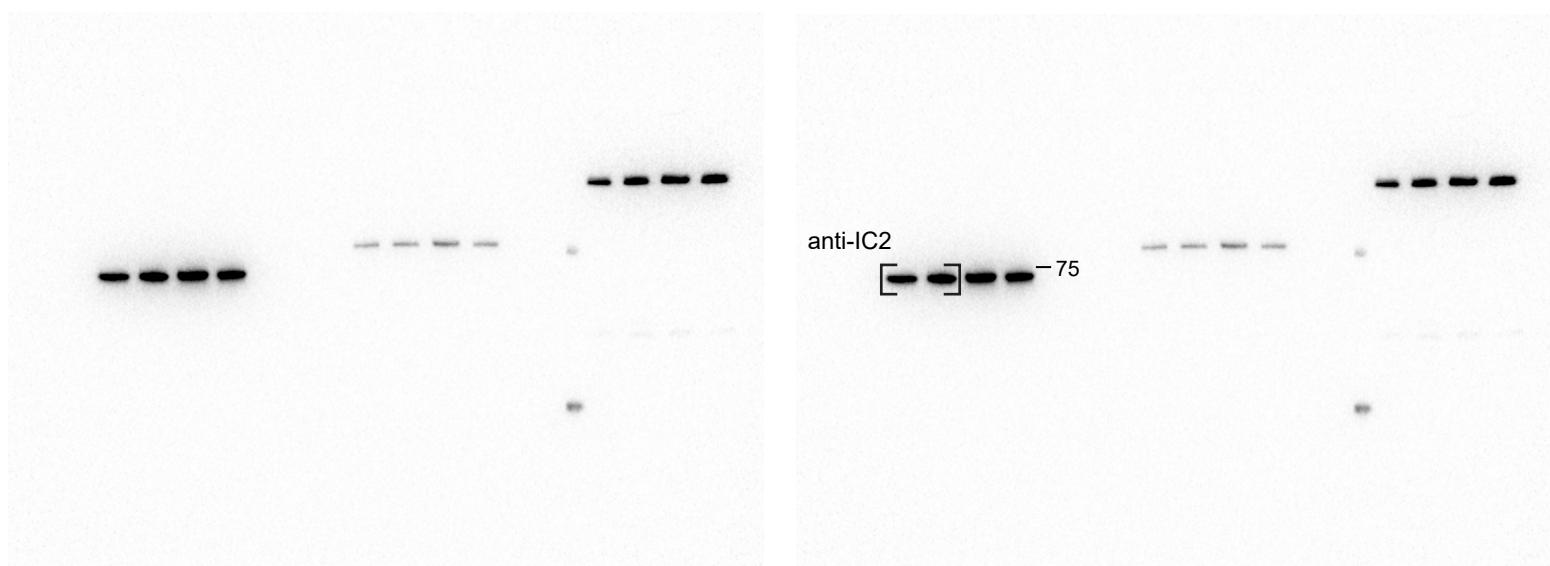
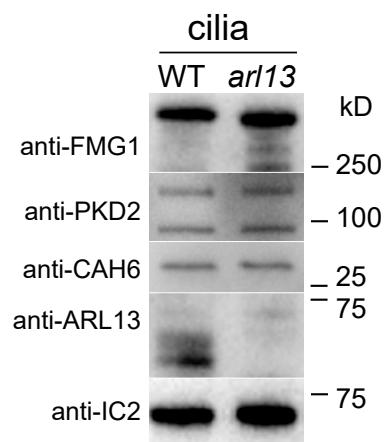


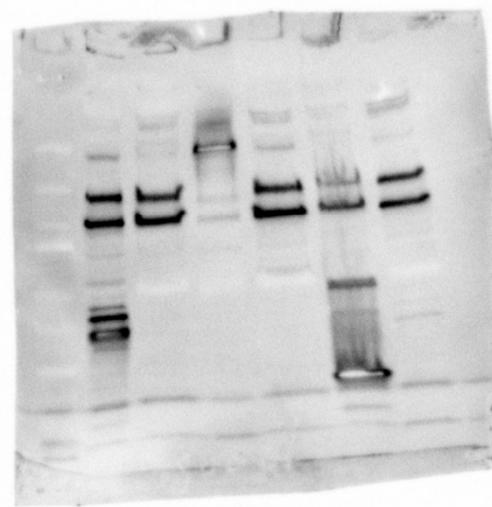
Figure S2F

**Loaded:**

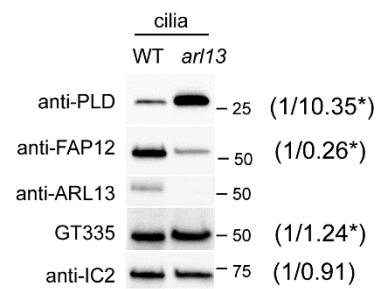
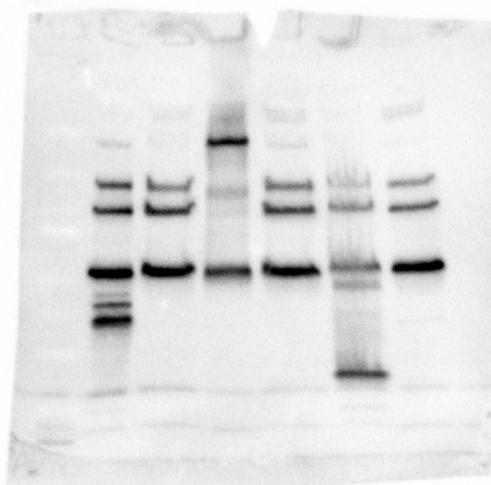
WT, arl13, strain x, strain y, strain z, bbs4-1

Membrane 1

1<sup>st</sup> ab: anti-PKD2



2<sup>nd</sup> ab: anti-GT335



\*normalized for IC2

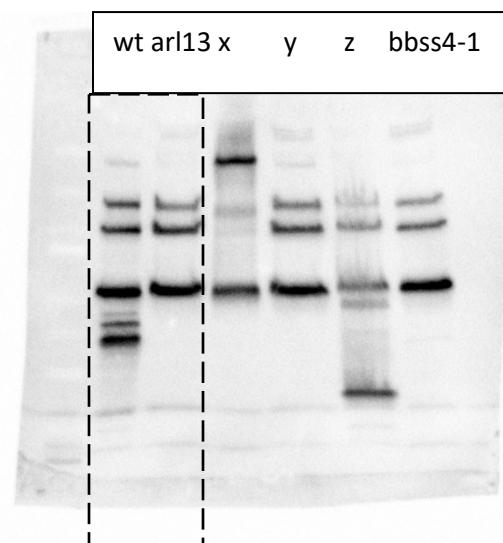
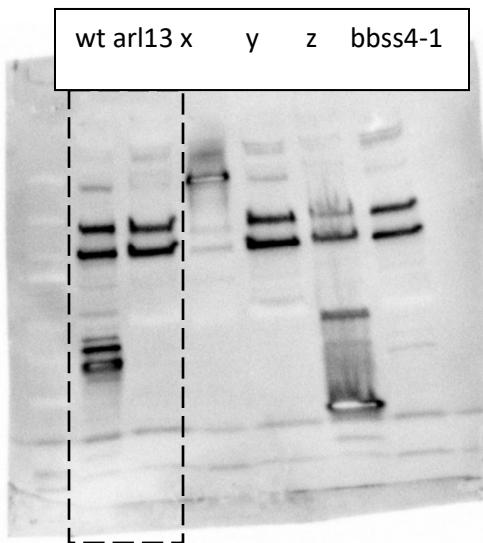
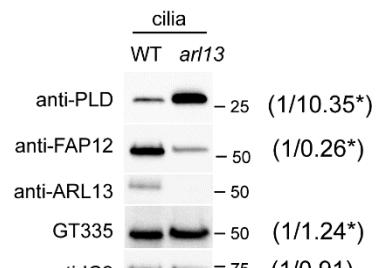


Figure S2F

Membrane 2

1<sup>st</sup> ab: anti-FAP12

2<sup>nd</sup> ab:Anti-IC2



\*normalized for IC2

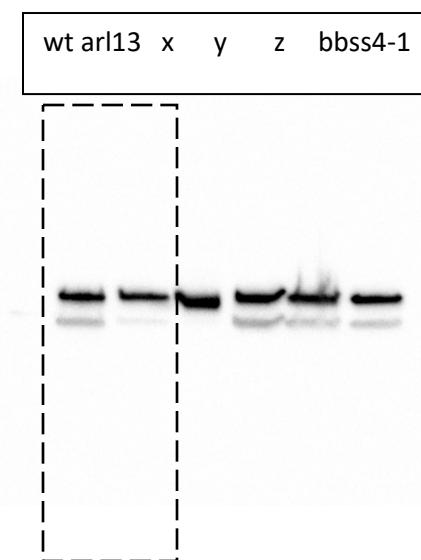
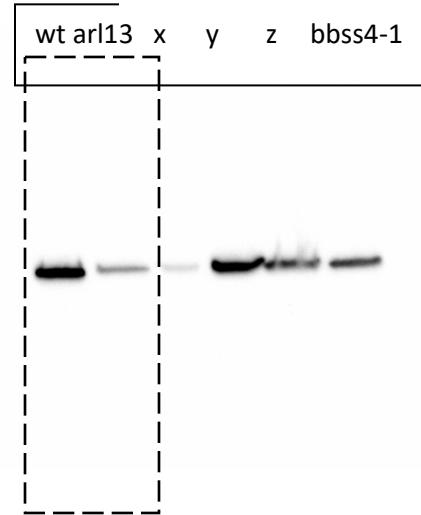
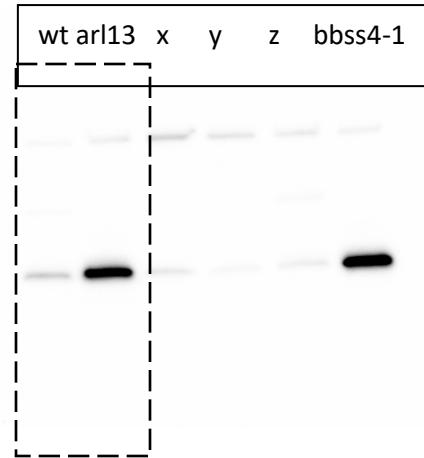
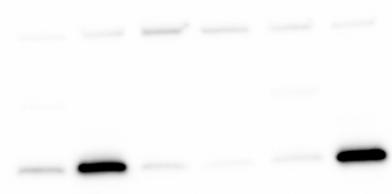
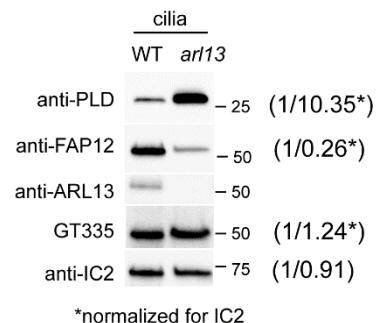


Fig. S2F

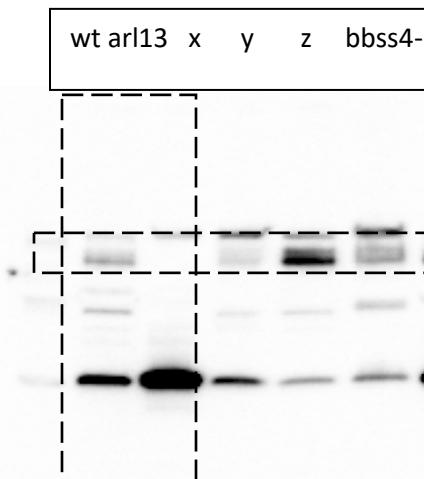
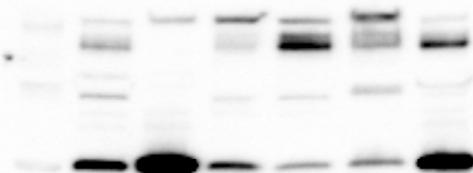
Membrane 3

2<sup>nd</sup> AB: anti-PLD

(1<sup>st</sup> AB: anti-IFT81 – not shown)



3<sup>rd</sup> AB: anti-ARL13



# Figure S2G

**Loaded:**

WT, *arl13*, *bbs4-1*, strain x, strain y

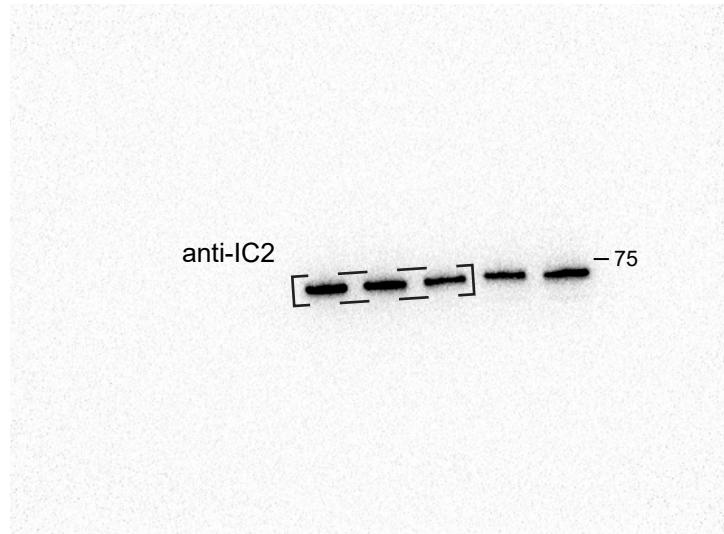
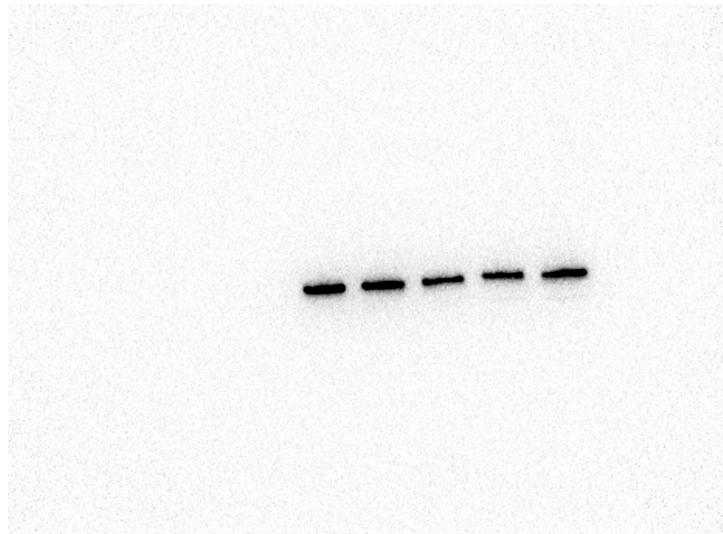
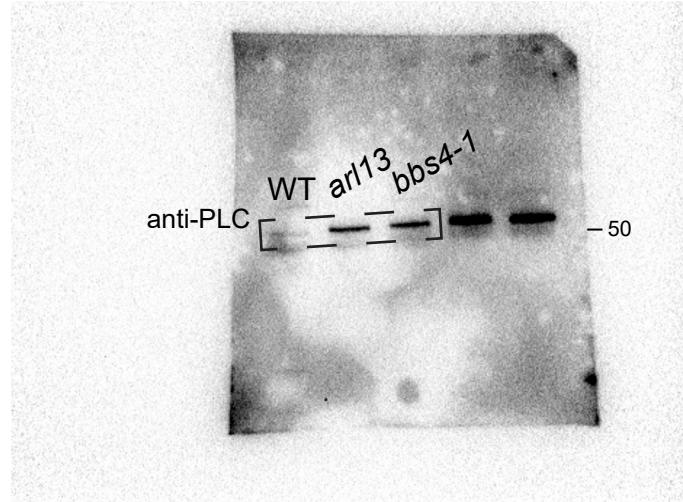
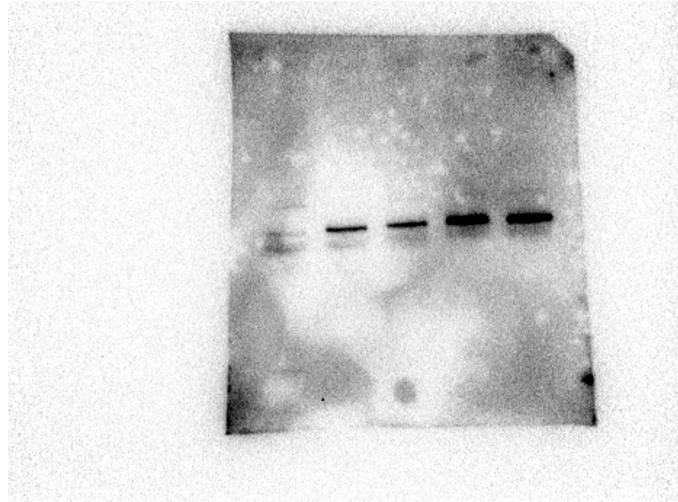
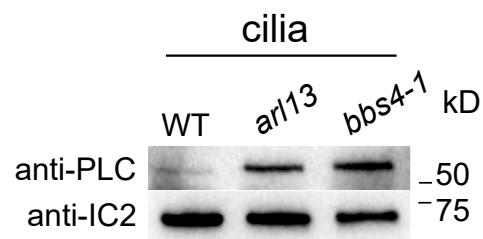
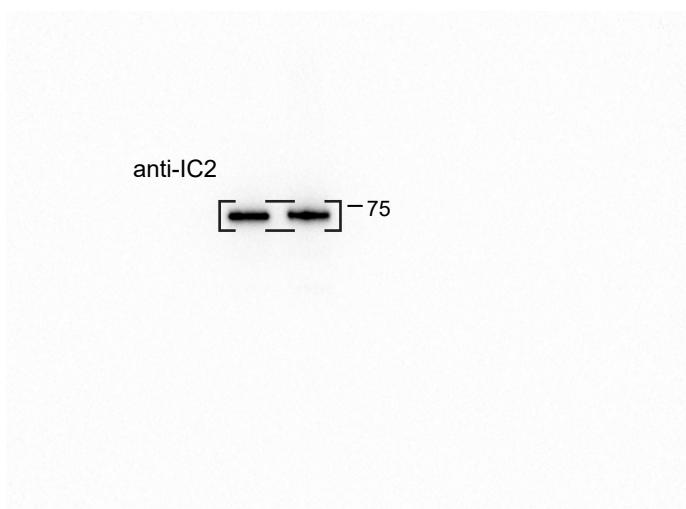
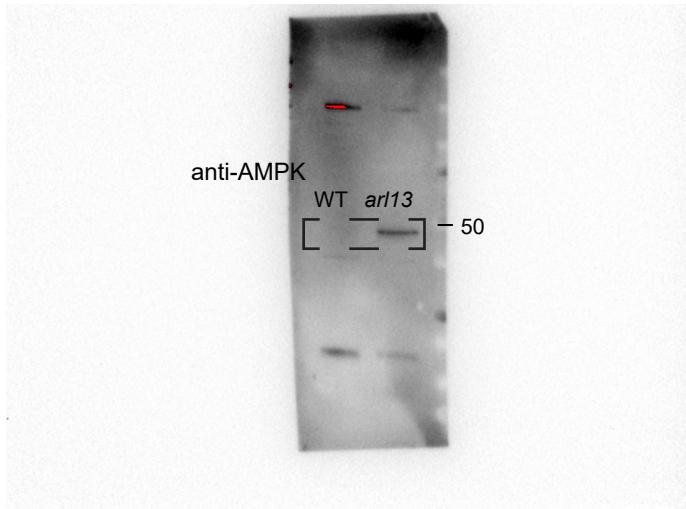
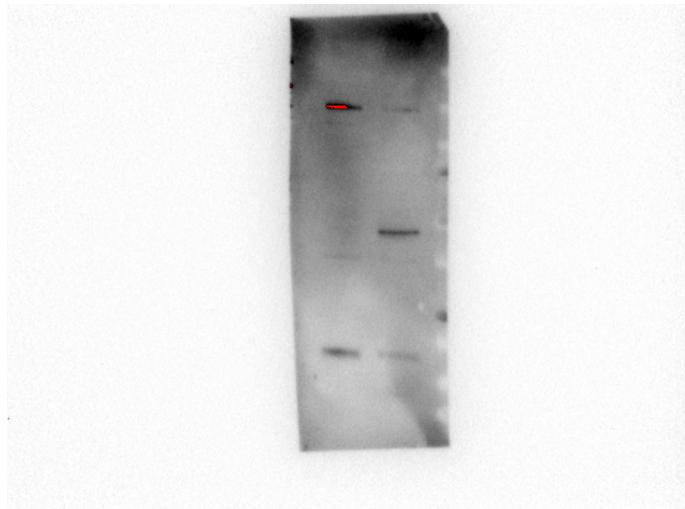
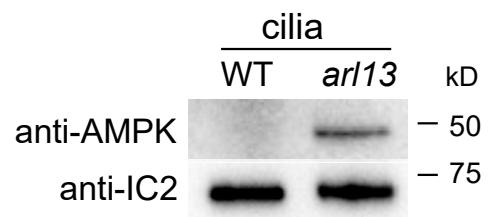


Figure S2H

**Loaded:**

WT, *arl13*



**Figure S2I**

**Loaded:**

WT, *bbs4-1 arl13*, *bbs4-1 arl13 ARL13-NG*, *arl13 ARL13-NG*, strain X

