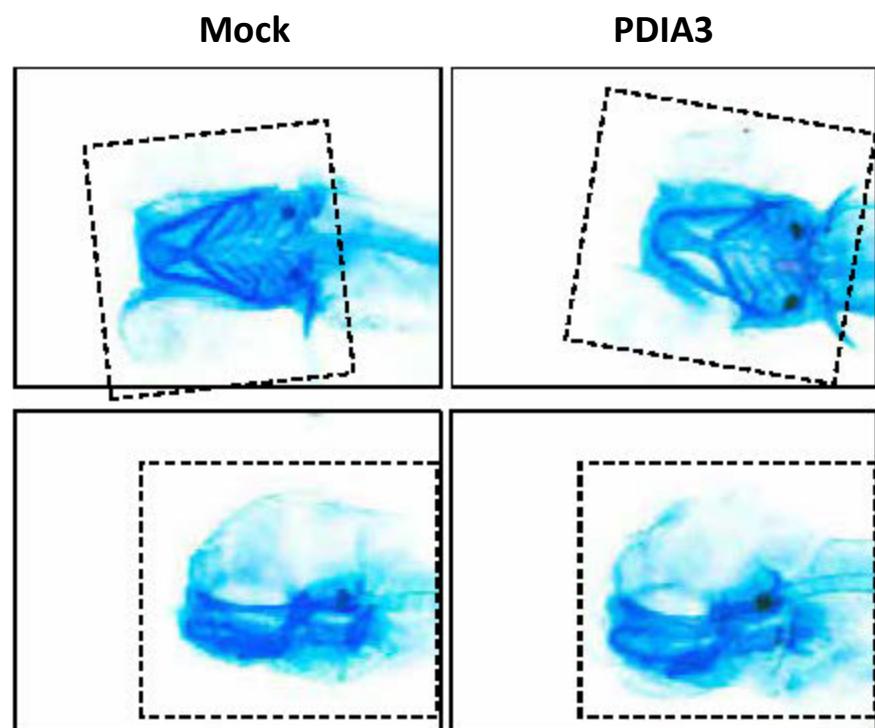


**Source data for:** Mutant PDIA3 causes neurodevelopmental impairment by disturbing endoplasmic reticulum proteostasis

**Corresponding author:** Claudio Hetz and Aslıhan Tolun

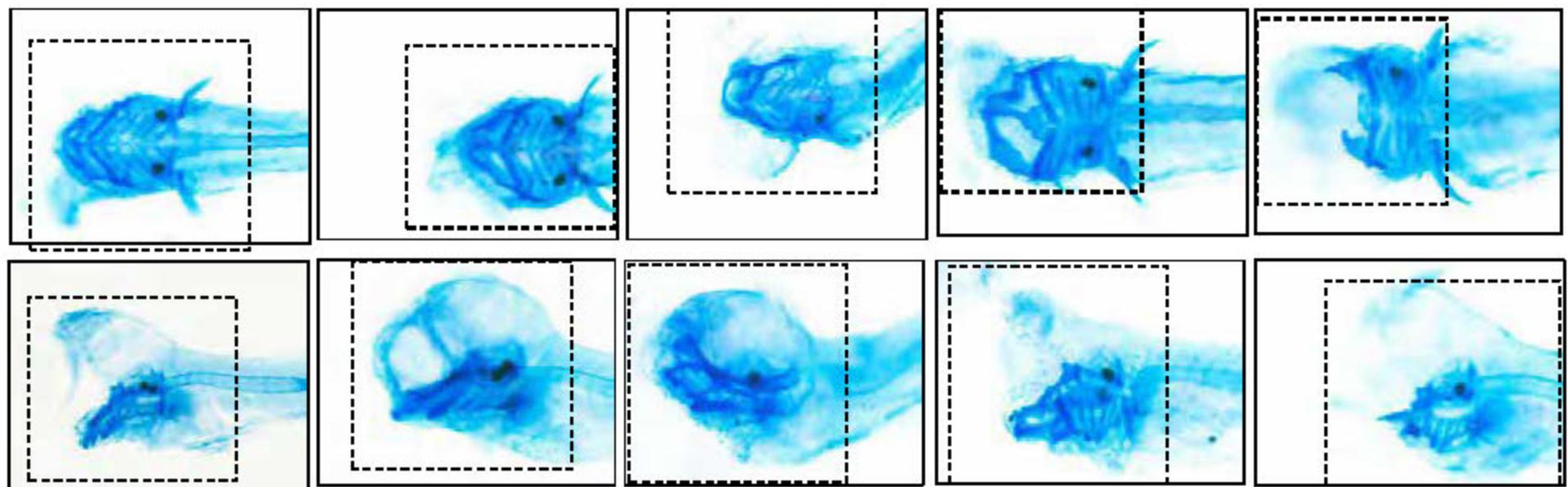
**Figure 2C and D**

**Figure 2C**

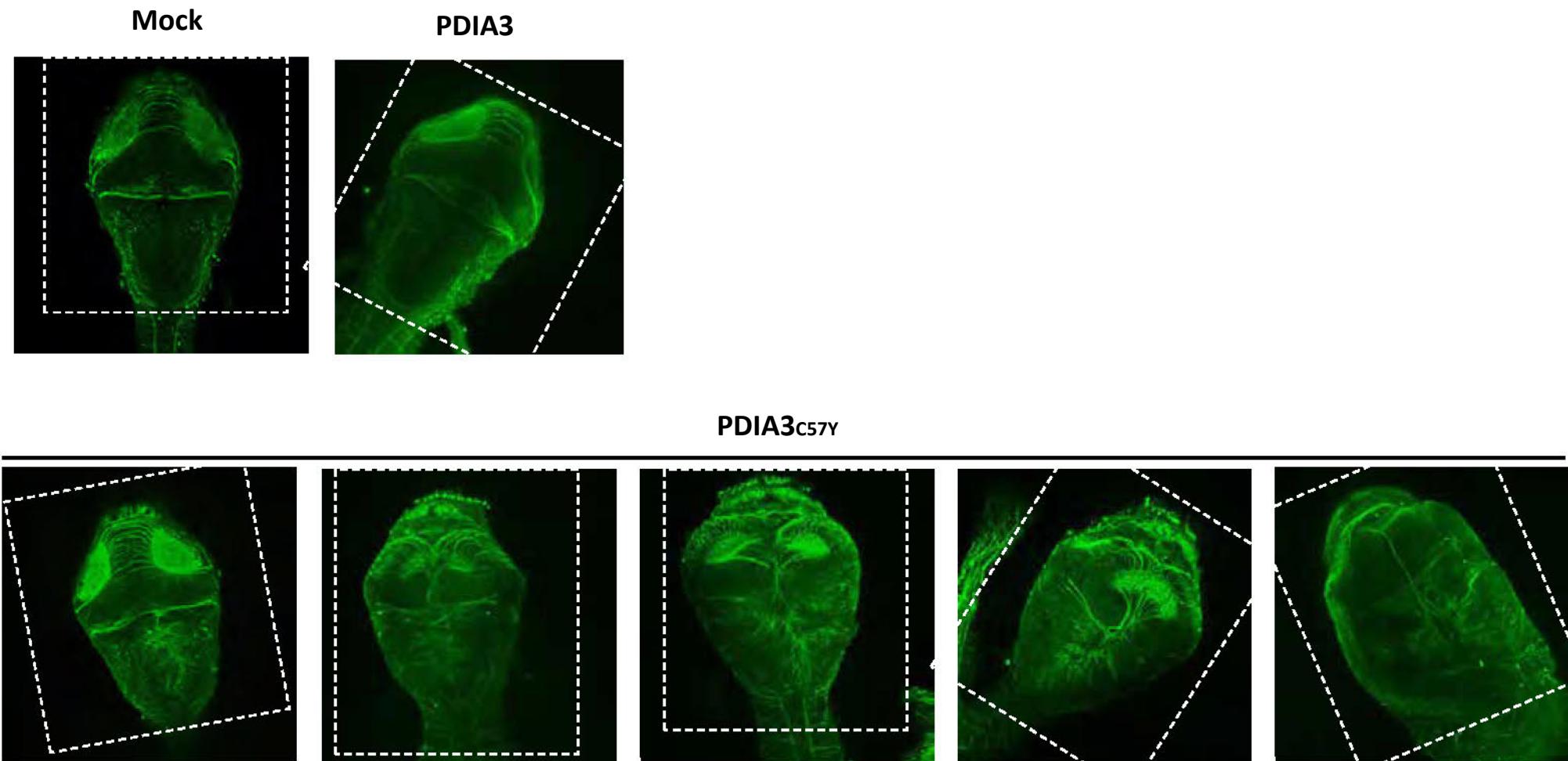


**Figure 2C**

**PDIA3<sup>C57Y</sup>**



**Figure 2D**

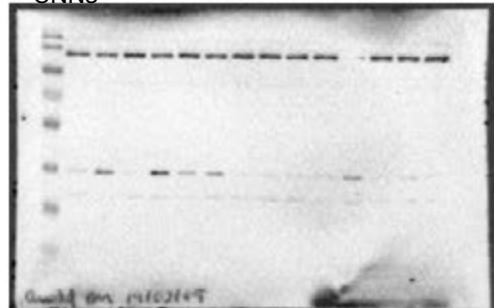


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**Figure 4C**

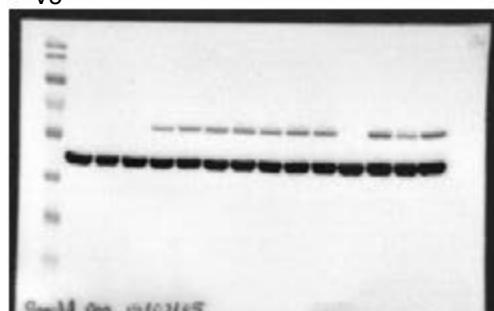
CNN3



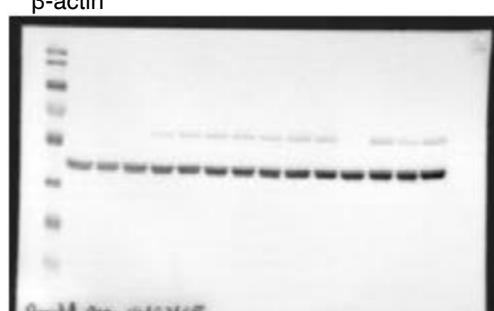
Psmb10



V5



$\beta$ -actin

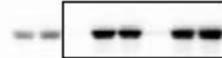
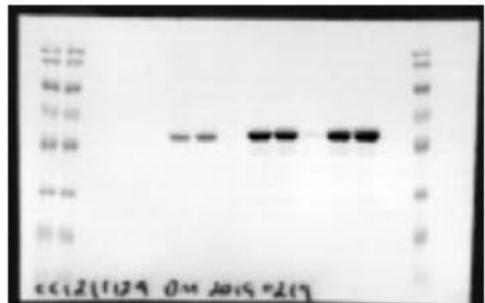


**Source data for:** Mutant PDIA3 causes neurodevelopmental impairment by disturbing endoplasmic reticulum proteostasis

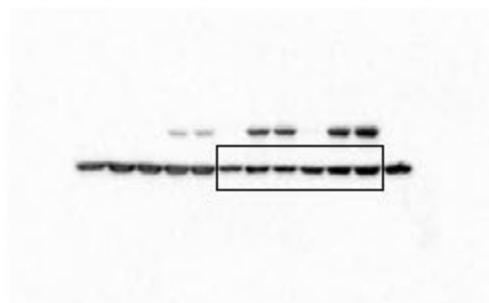
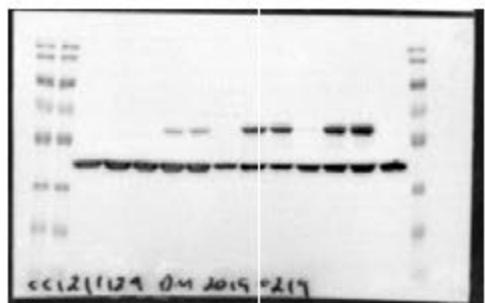
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**Figure 5G**

V5



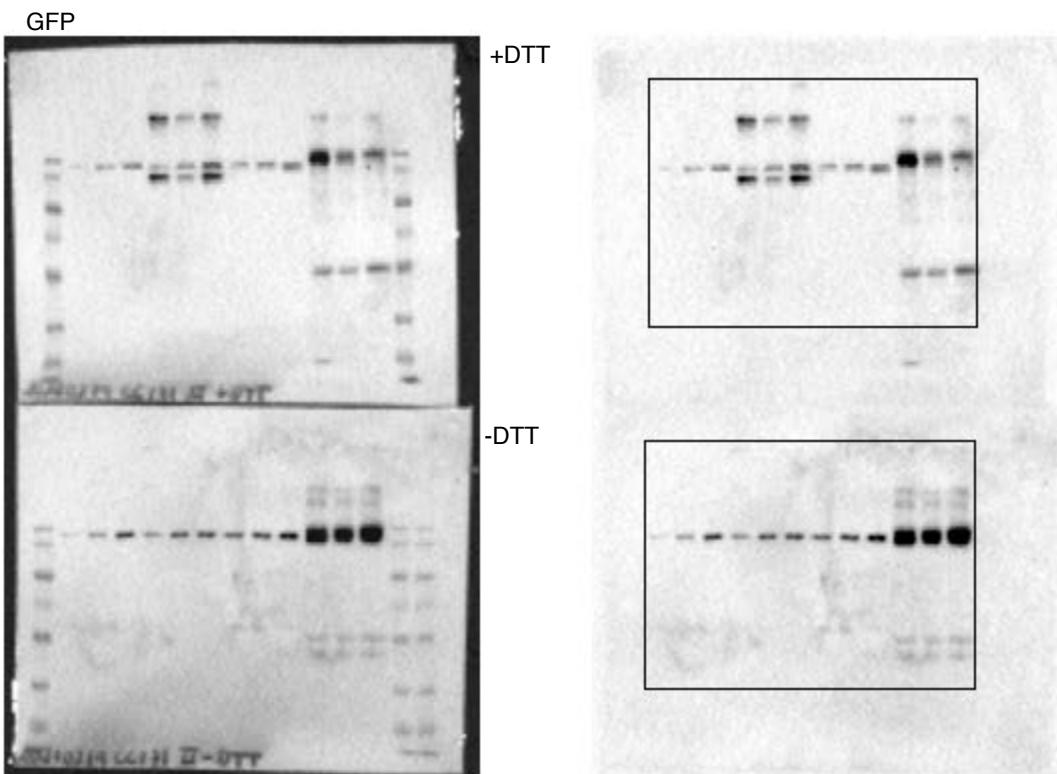
$\beta$ -actin



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**Figure 5**



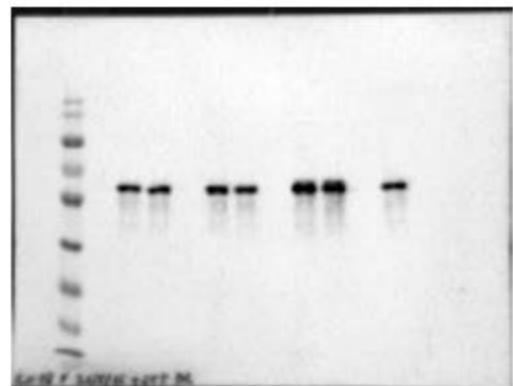
Filter-trap GFP -DTT

**Source data for:** Mutant PDIA3 causes neurodevelopmental impairment by disturbing endoplasmic reticulum proteostasis

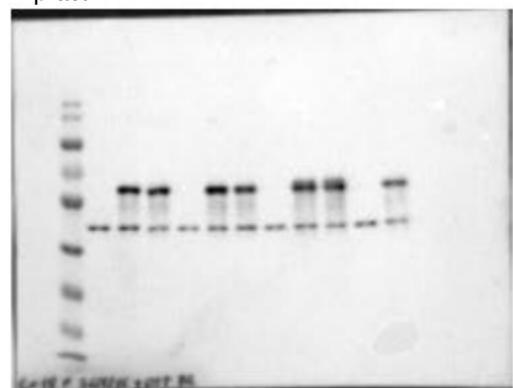
**Corresponding author:** Claudio Hetz and Aslıhan Tolun

**Figure 6B**

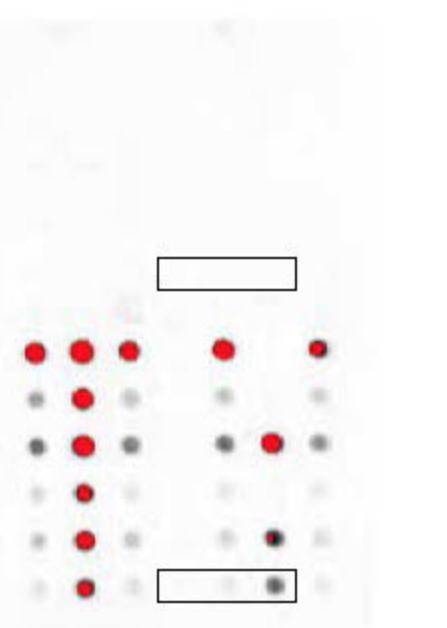
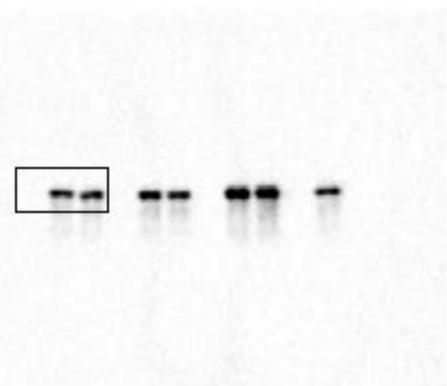
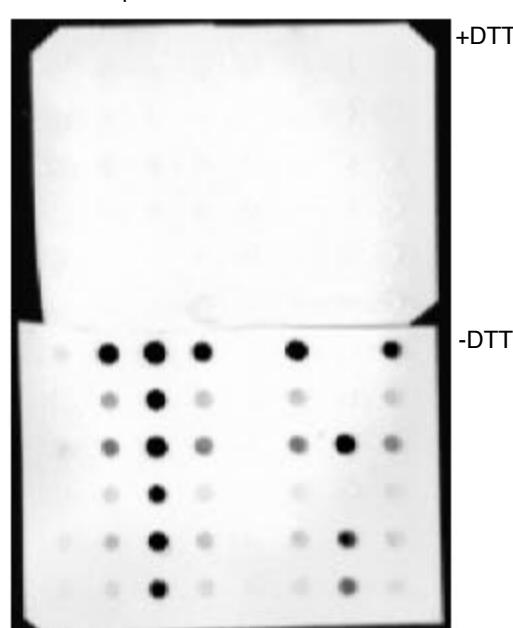
V5



$\beta$ -actin



Filter-trap V5

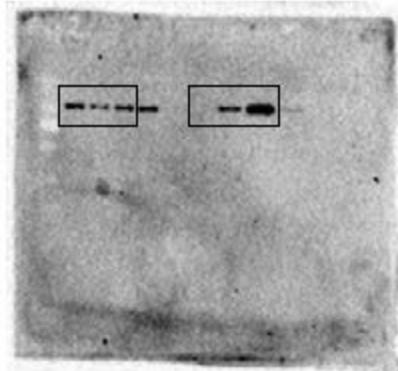
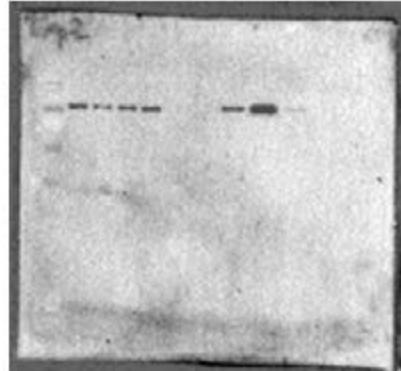


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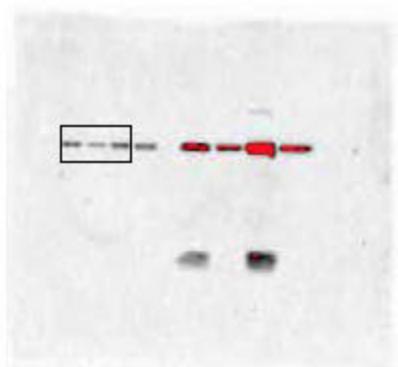
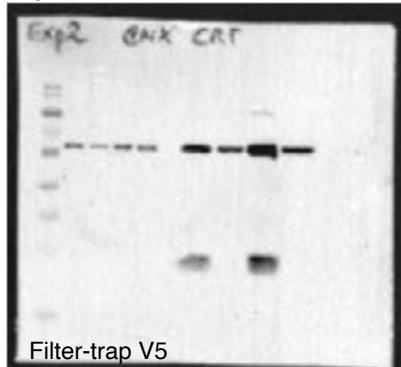
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**Figure 6D**

CNX

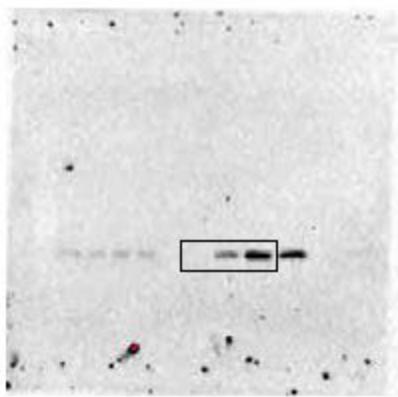
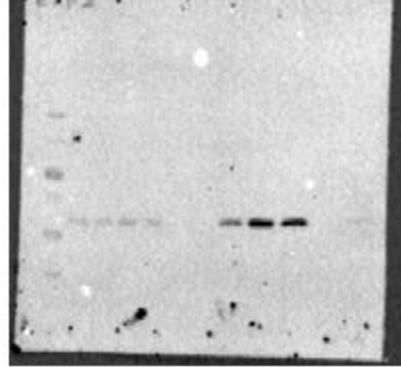


CRT

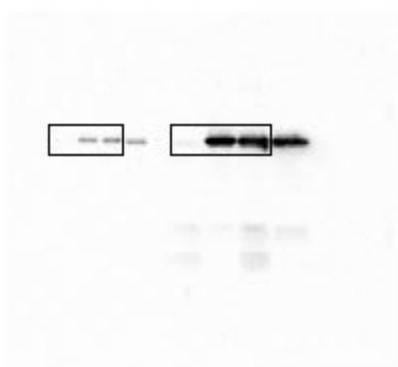
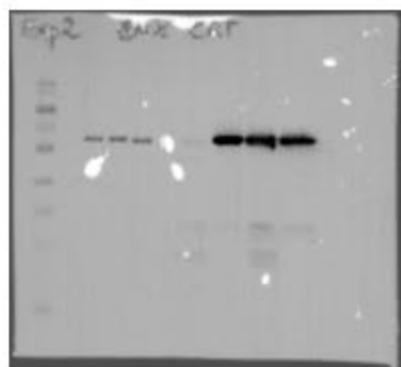


Filter-trap V5

CRT, trueblot



V5

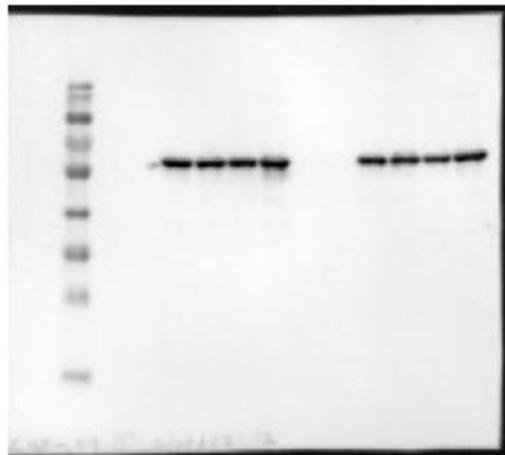


**Source data for:** Mutant PDIA3 causes neurodevelopmental impairment by disturbing endoplasmic reticulum proteostasis

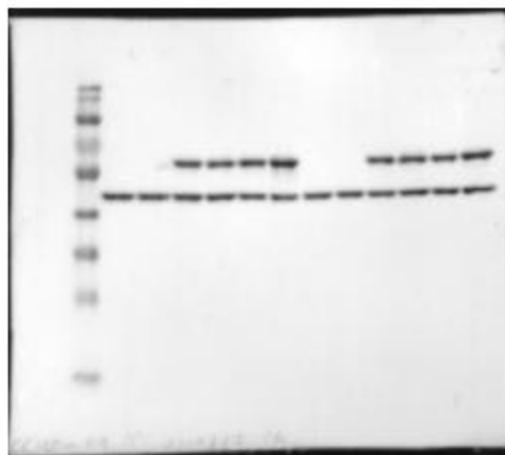
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**Figure 6E**

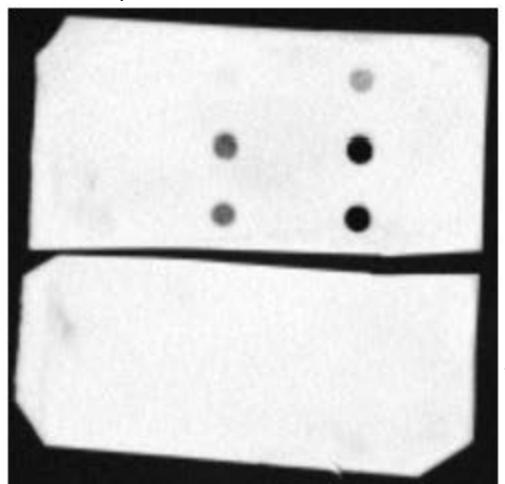
V5



$\beta$ -actin

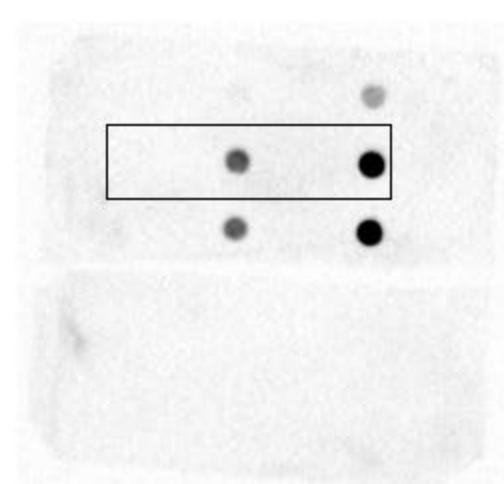


Filter-trap V5



-DTT

+DTT

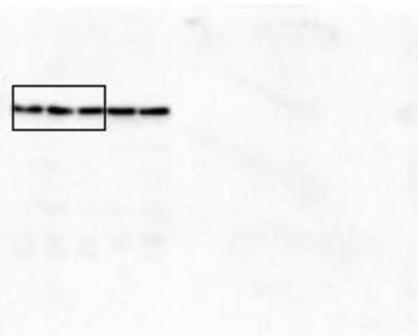
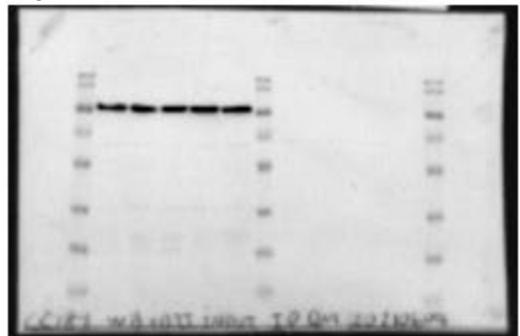


**Source data for:** Mutant PDIA3 causes neurodevelopmental impairment by disturbing endoplasmic reticulum proteostasis

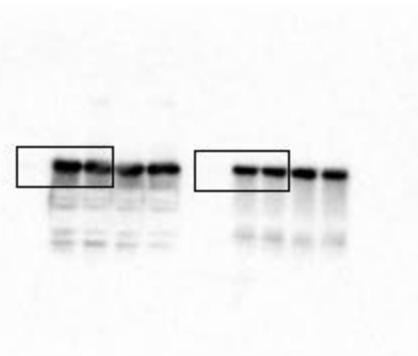
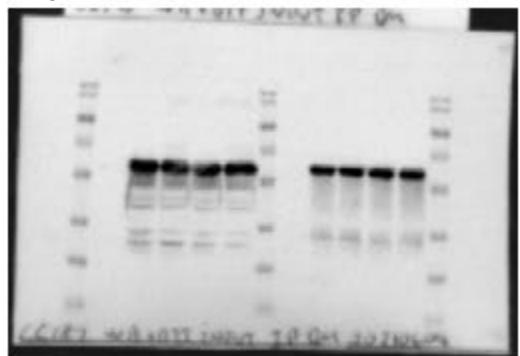
**Corresponding author:** Claudio Hetz and Aslıhan Tolun

**Figure 6F**

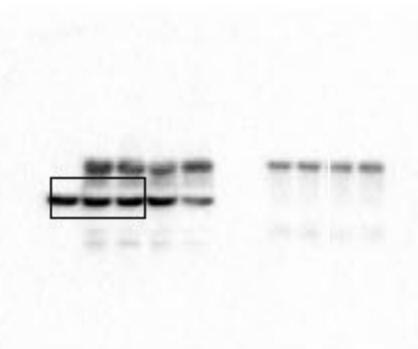
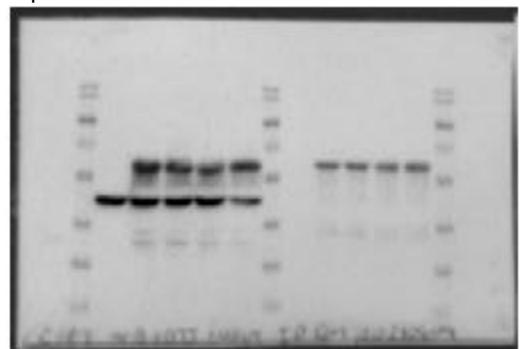
CNX



V5



$\beta$ -actin



Filter-trap CNX -DTT



Filter-trap V5 -DTT

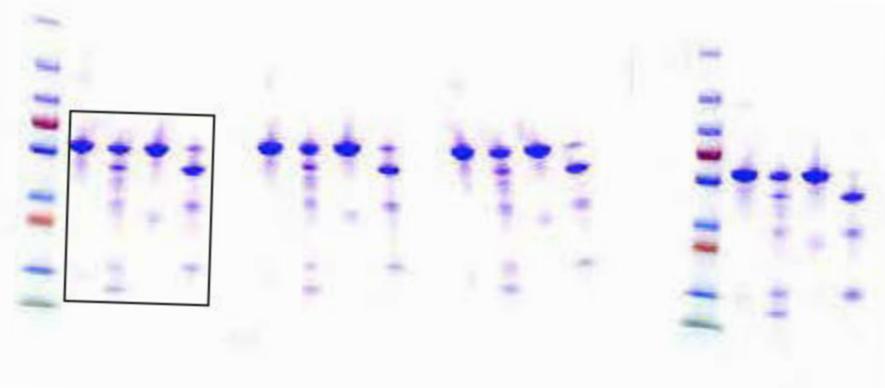


**Source data for:** Mutant PDIA3 causes neurodevelopmental impairment by disturbing endoplasmic reticulum proteostasis

**Corresponding author:** Claudio Hetz and Aslıhan Tolun

**Figure 6H**

Coomassie blue



**Figure 6J**

Coomassie blue

