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TORC1 regulates actin dynamics to control proteasome homeostasis

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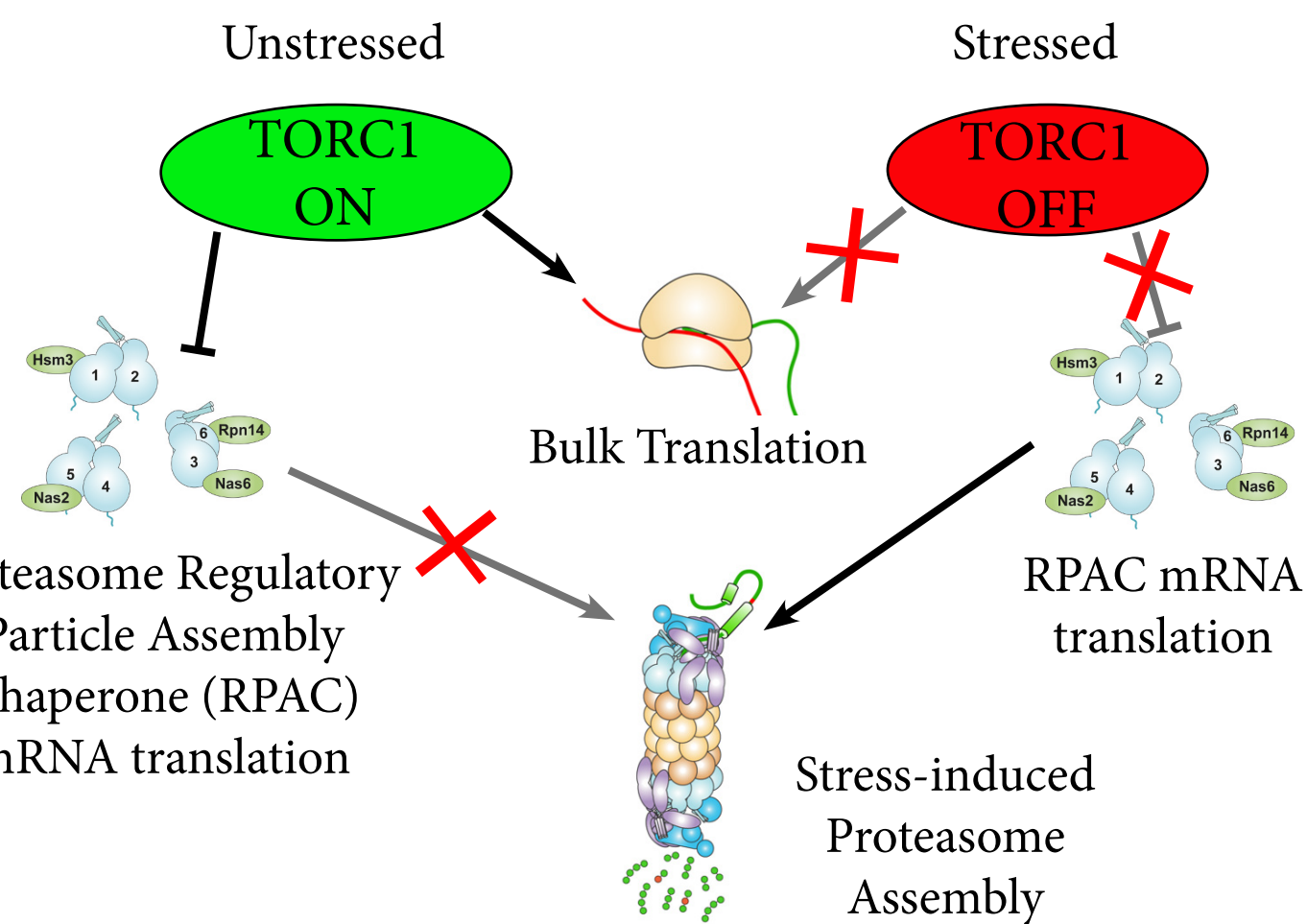
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TORC1 regulates actin dynamics to control proteasome homeostasis

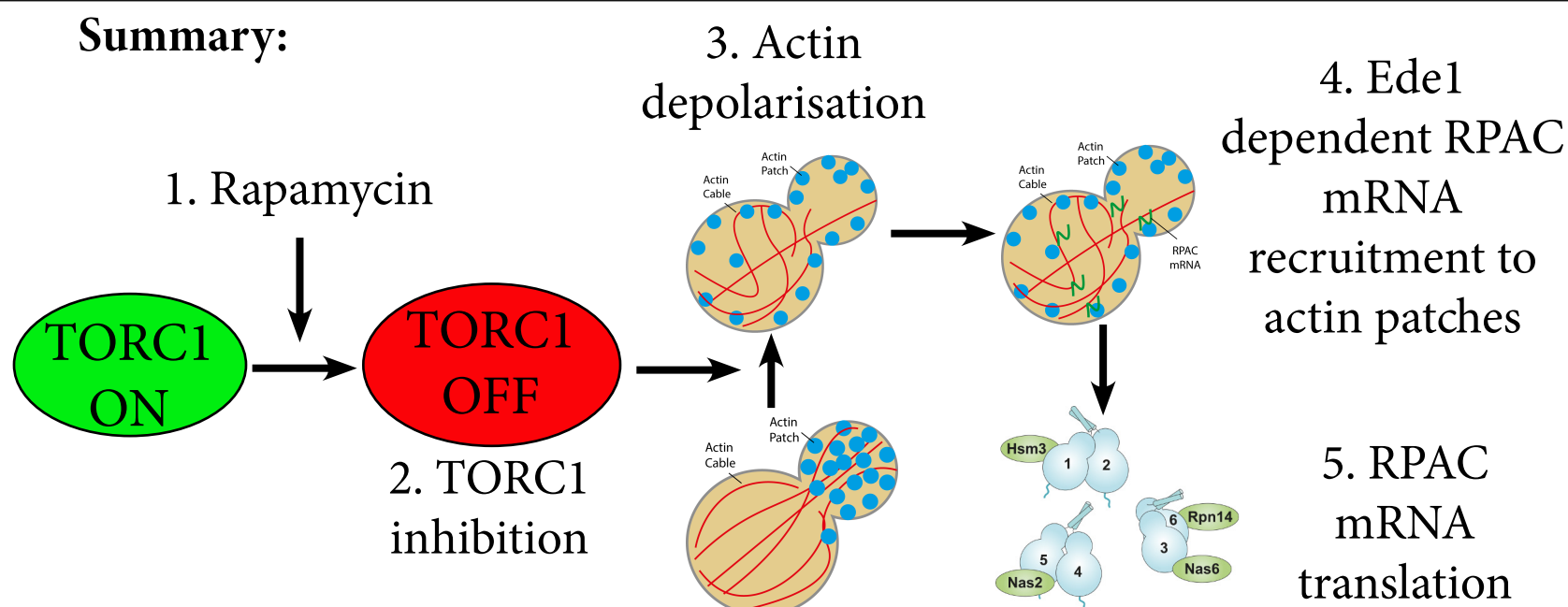
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Background:



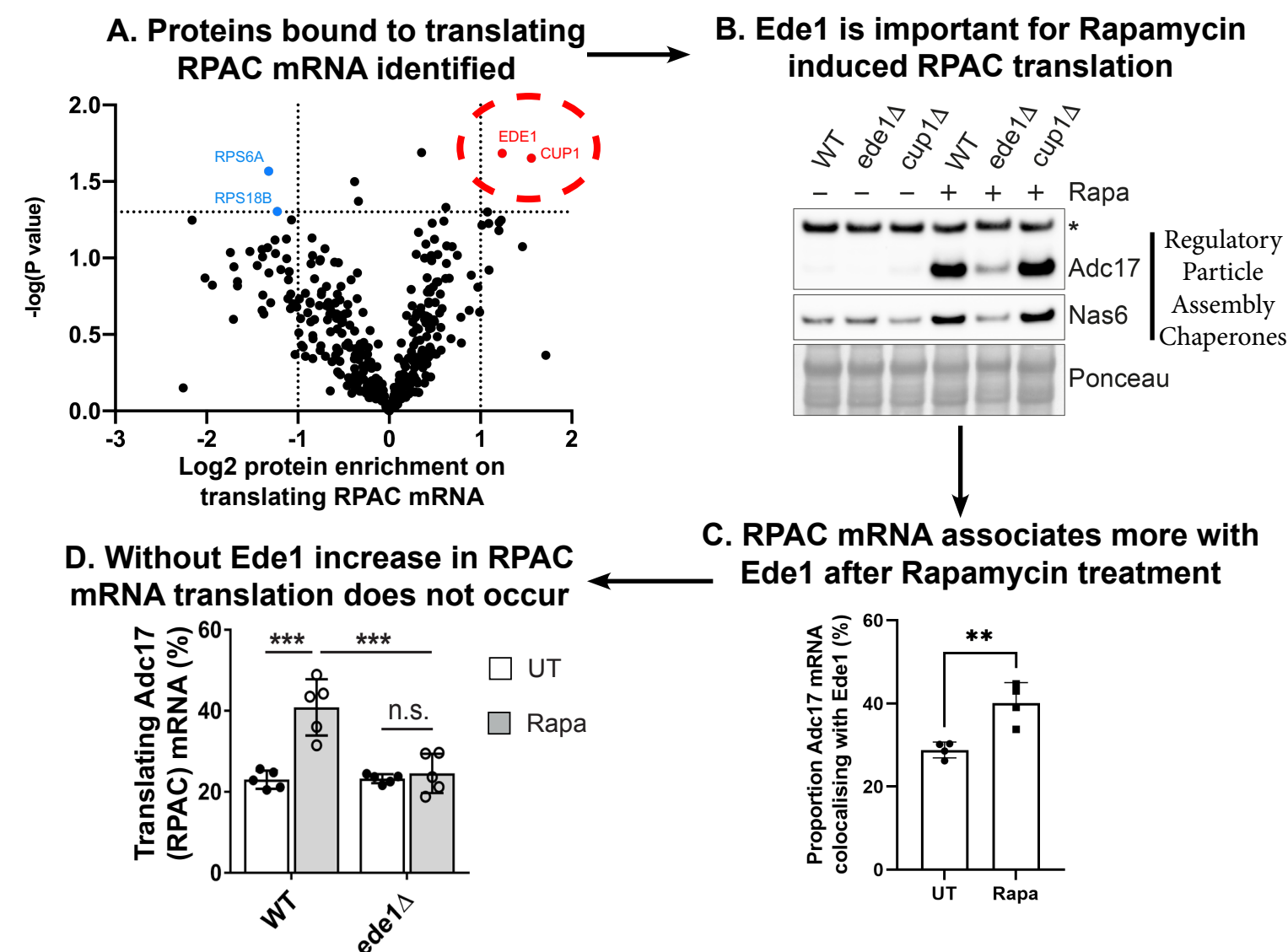
Aim: Identify the mechanisms underpinning increased proteasome regulatory particle assembly chaperone (RPAC) translation upon stress

Summary:

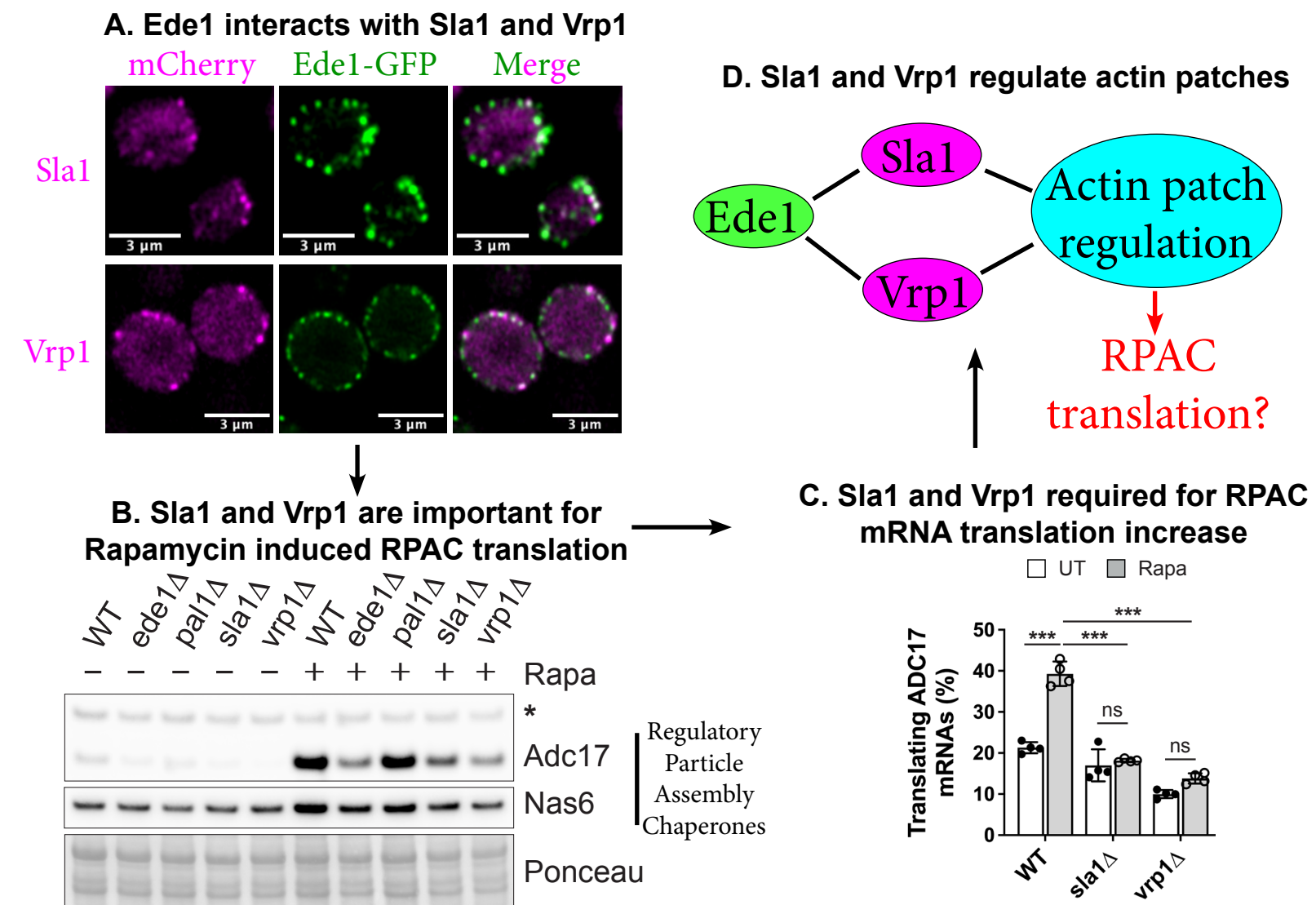


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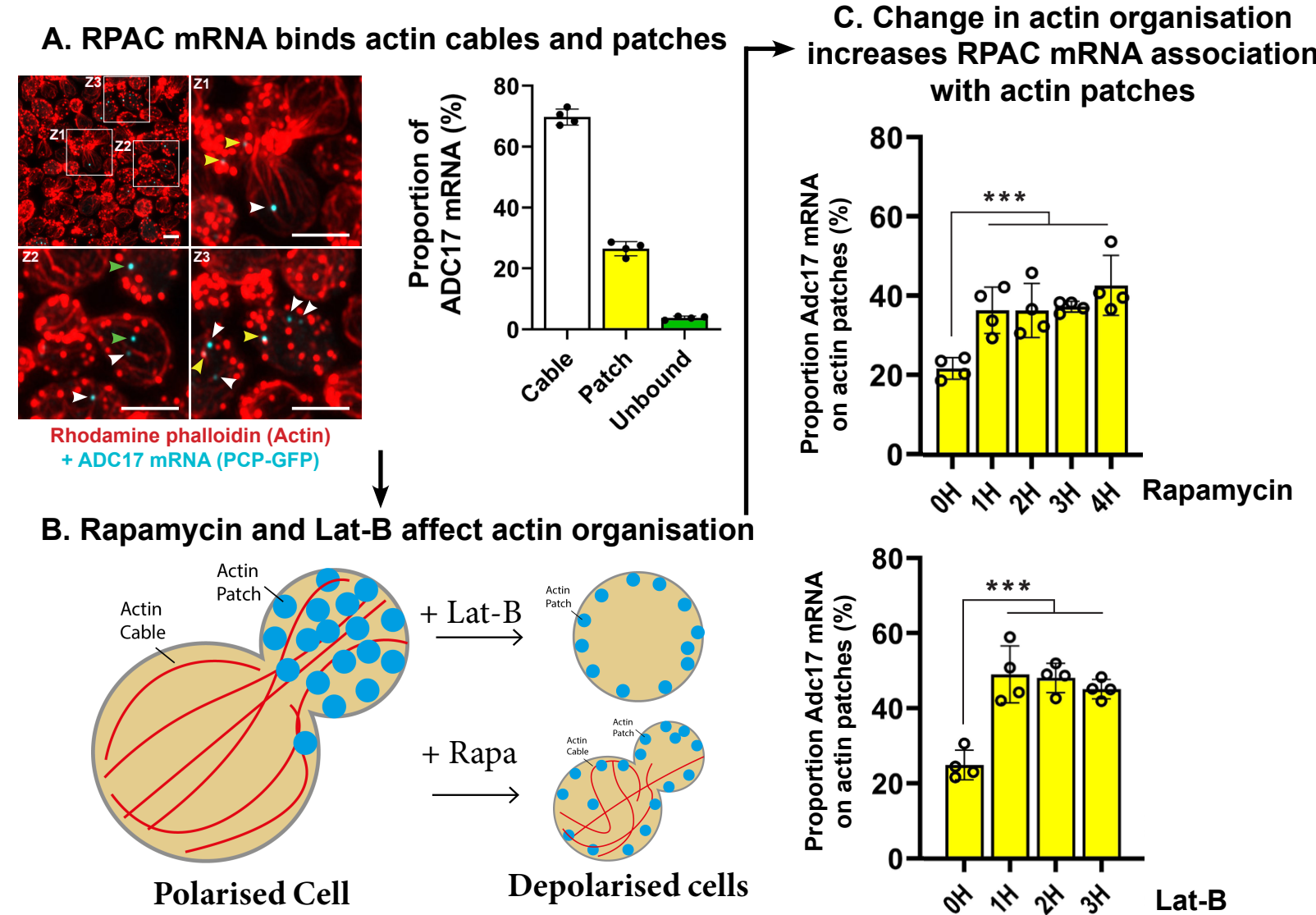
1. Interaction with Ede1 enables stress induced RPAC mRNA translation



2. Ede1 interactors Sla1 and Vrp1 also involved in RPAC mRNA translation



3. Actin depolarisation increases RPAC mRNA - actin patch interaction



4. Ede1 mediates RPAC mRNA-actin patch interaction to boost translation

