Erratum

Exo70 interacts with phospholipids and mediates the targeting of the exocyst to the plasma membrane

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Owing to a typesetting error, Figure 3B of the above article was published incorrectly in print with identical right panels. The correct Figure 3 is reproduced below.

The Publisher apologizes for this error and any inconvenience it may have caused.

Figure 3 *exo70* alleles with the positively charged residues in Domain D mutated have synthetic growth defect with *sec3ΔN*. (A) The structure of Exo70 Domain D is illustrated with the green and blue colors specifying α -helices and loop regions in this domain. The yellow color indicates the positively charged residues mutated to alanine in different *exo70* mutant alleles. The *exo70-35* and *exo70-45* alleles (with black circles) with mutations located at the last two α -helices and their connecting loop showed synthetic growth defect with *sec3ΔN*. The *exo70-29* allele (with blue circles) showed a lesser extent of synthetic growth defect with *sec3ΔN*. The other *exo70* alleles did not have any synthetic growth defect with *sec3ΔN*. (B) Various *exo70* mutant alleles were introduced into the *sec3ΔN* strain, in which the chromosomal copy of *SEC3* was replaced by *sec3ΔN* with intact *SEC3* promoter. The *exo70* mutants were expressed behind *EXO70* promoters in a *CEN TRP1* plasmid. The *sec3ΔN* *exo70* double mutants supplemented with a *CEN URA3 EXO70* balancer were streaked out on plates in the presence or absence of 5-FOA, and incubated for 5 days at 25°C. The *exo70* single mutants (the *SEC3* panel, left) were used as controls. Exo70 harbor different mutations in Domain D were tested for growth after losing the *EXO70* balancer on 5-FOA plates. A selective set of mutants (*exo70-29*, *exo70-41*, *exo70-35*, *exo70-45*, *exo70-47*, *exo70-2941*, *exo70-2945*) showed synthetic growth defect or lethality with *sec3ΔN*. The summary and categorization of all the tested *exo70* mutant alleles are listed in Table I. (C) Analysis of the interaction between *exo70* mutants and the plasma membrane using the Ras-rescue assay. The rescue of *cdc25-ts* at the restrictive temperature (37°C) is shown on the right. (D) GST-tagged Exo70-45CT (150 nM) was incubated with various concentrations of LUVs composed of 100% PC, 5% PI(4,5)P₂ or 5% PI(4,5)P₂ + 20% PS. The solid and dashed curves are the Best-fit results of the 5% PI(4,5)P₂ and 5% PI(4,5)P₂ + 20% PS data to a hyperbolae, respectively. The error bars designate the s.d.; *n* = 3.