

SUPPLEMENTARY DATA:

Table S1: Steady state concentrations of Pex18p after treatment with cycloheximid. Signal intensities of Pex18p in indicated cells were quantified by densitometry and are given as percentage of the starting concentration at time-point t=0h. Standard error of mean was estimated by two independent experiments.

Strain	CHX (h)						
	0	1	2	3	4	5	6
wild-type	100	27.8 (+/- 1.4)	5.3 (+/- 2.2)	1.4 (+/- 0.9)	0.6 (+/- 0.2)	0 (+/- 0.1)	0 (+/- 0.2)
<i>fox3Δ</i>	100	21.5 (+/- 5.49)	4.0 (+/- 2.8)	4.7 (+/- 0.5)	4.7 (+/- 1.2)	0.3 (+/- 0.1)	0 (+/- 0.1)
<i>pex7Δ</i>	100	16.9 (+/- 4.9)	14.8 (+/- 0.8)	8.2 (+/- 0.8)	10.2 (+/- 2.6)	0 (+/- 0.9)	0 (+/- 0.2)
<i>pex13Δ</i>	100	86.6 (+/- 1.4)	85.8 (+/- 3.2)	79.8 (+/- 4.6)	80.2 (+/- 4.0)	55.4 (+/- 3.6)	66.1 (+/- 0.9)
<i>pex1Δ6Δ</i>	100	89.5 (+/- 0.1)	68.8 (+/- 1.7)	79.0 (+/- 2.8)	57.1 (+/- 4.9)	40.3 (+/- 9.3)	57.0 (+/- 6.5)
<i>pex3Δ</i>	100	66.6 (+/- 4.7)	51.6 (+/- 9.5)	61.8 (+/- 5.8)	53.4 (+/- 9.2)	58.0 (+/- 3.9)	44.9 (+/- 1.2)

Table S2: Steady state concentrations of Pex18p-variants after treatment with cycloheximid. Signal intensities of Pex18p-variants in indicated cells were quantified by densitometry and are given as percentage of starting concentration at time-point t=0h. Standard error of mean was estimated by two independent experiments.

Strain	CHX (h)				
	0	1	2	3	4
Wild-type	100	43 +/- 5.2)	10 (+/- 14.1)	0 (+/- 2.2)	0 (+/- 3.1)
<i>pex18Δ/21Δ</i> Pex18p	100	19.5 (+/- 7.7)	3.5 (+/- 0.7)	5 (+/- 5.6)	2 (+/- 2.8)
<i>pex18Δ/21Δ</i> Pex18pK13R	100	80 (+/- 12.2)	40 (+/- 13.1)	21 (+/- 12.6)	8 (+/- 8.4)
<i>pex18Δ/21Δ</i> Pex18pK20R	100	28.5 (+/- 0.7)	4.5 (+/- 3.5)	5.5 (+/- 6.3)	3.5 (+/- 4.9)
<i>pex18Δ/21Δ</i> Pex18pK13/2 OR	100	75.6 (+/- 2.1)	61 (+/- 5.6)	57 (+/- 12.7)	60.5 (+/- 0.7)
<i>pex18Δ/21Δ</i> Pex18pC6S	100	60.5 (+/- 4.9)	49.5 (+/- 10.6)	21.5 (+/- 16.2)	10 (+/- 14.1)