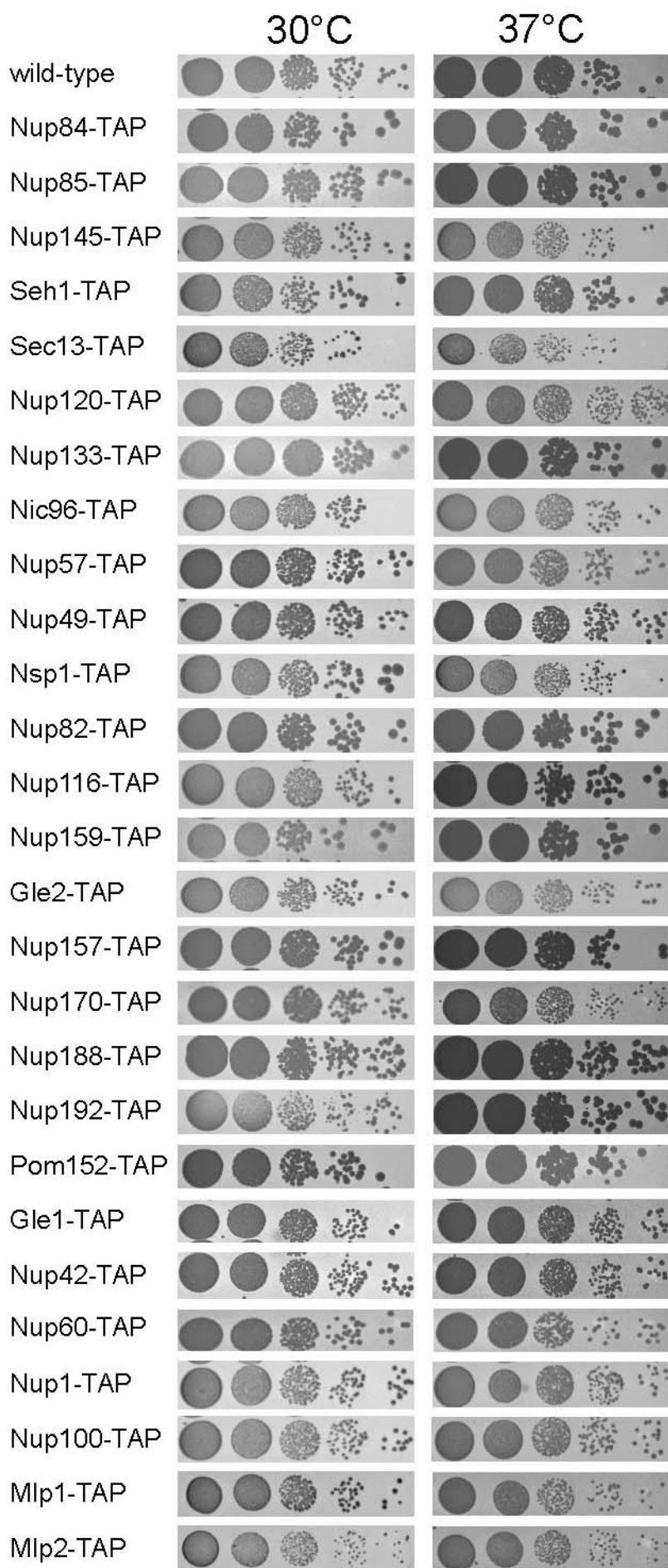


SUPPLEMENTAL FIGURES

Supplemental FIG. 1. A, Growth analyses of yeast strains expressing TAP-tagged nucleoporins. Wild-type haploid yeast strain and derived strains carrying the indicated TAP-tagged nucleoporin genes were analyzed by growth on YPD. Cells were spotted in 10^{-1} dilutions on YPD plates and it was grown for 2 days at 30°C or 3 days at 37°C.

Supplemental FIG. 2. Information on peptide mass fingerprinting for newly identified protein interactions. For a newly identified band (*identif. band*) in the indicated TAP-purification (*bait*), we show the hit number (*Hit-No.*), the *Probability Based Mowse Score* and the number of peptides, which were found for this band (*peptides found*). When the newly identified band was only found as second hit, also the first hit band and its MS data are given (in squared brackets).

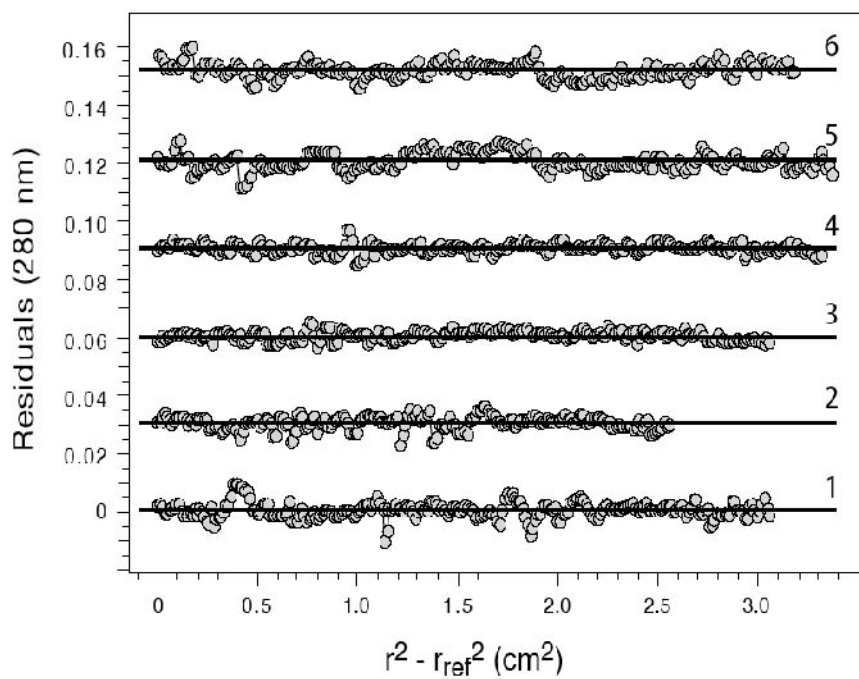
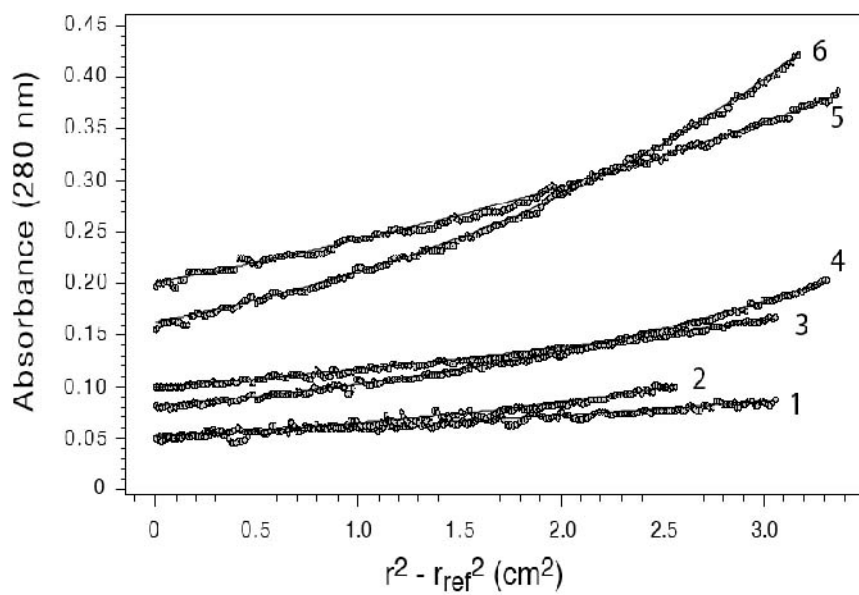
Supplemental FIG. 3. Analytical sedimentation equilibrium ultracentrifugation of Nup145N. Absorbance scans at 280 nm recorded at 7000 rpm (curves 1, 3 and 5) and 10000 rpm (curves 2, 4 and 6) and at three different protein concentrations of 1.6 μM (curves 1 and 2), 3.2 μM (curves 3 and 4) and 7.4 μM (curves 5 and 6) are shown. The top panel displays the experimental data points and the fitted curve to a single component model with a molecular weight of 61.4 kDa. At the bottom the residuals of the fits are plotted.



Supplemental Fig. 1 (Lutzmann et al., 2005)

<i>Bait</i>	<i>identif. Band</i>	<i>Hit-No.</i>	<i>Probability Based Mowse Score</i>	<i>Peptides found</i>
Gle2-TAP	Rea1-band	1	288	45
Nup116-TAP	Rea1-band	1	71	18
Nic96-TAP	Kap123-band	1	72	10
Nup145-TAP	Nup170-band	1	96	11
	Nup157-band	1	205	21
Nup84-TAP	Nup157-band	1	137	14
	Nup170-band	1	83	9
	Nup145N-band	1	53	7
	Mex67-band	1	88	9
	Nic96-band	2	61	7
	[Nup84	1	64	8]
Nup120-TAP	Nup157-band	1	92	12
	Nup170-band	2	33	5
	[Scp160	1	34	6]
	Nup145N-band	1	59	7
	Mlp1-band	1	42	12
Nup157-TAP	Nup120-band	2	60	12
	[eEF2	1	180	27]
	Nup145N-band	2	114	15
	[PABP	1	96	16]
Nup42-TAP	Gle1-band	1	247	25
Nup60-TAP	Sac3-band	1	71	12

Supplemental Fig. 2 (Lutzmann et al., 2005)



Supplemental Fig. 3 (Lutzmann et al., 2005)