

Supplementary Information

A toxic imbalance of Hsp70s in *Saccharomyces cerevisiae* is caused by competition for cofactors
Kathryn M. Keefer and Heather L. True

Table S1. Plasmids used in this study.

Plasmid	Description	Use	Reference
--	pRS314	Empty vector control, TRP1-marked	(Sikorski and Hieter, 1989)
--	pRS315	Empty vector control, LEU2-marked	(Sikorski and Hieter, 1989)
--	pRS316	Empty vector control, URA3-marked	(Sikorski and Hieter, 1989)
6391	p415GPD-SSA1	Overexpress Ssa1 from GPD promotor	(Keefer and True, 2016)
6750	p415GPD-SSB1	Overexpress Ssb1 from GPD promotor	(Keefer and True, 2016)
5162	p314CUP1-SUP35	Express Sup35 from a copper-inducible promotor	(Keefer and True, 2016)
EC1219	p316-SSB1	Express WT Ssb1	(James <i>et al.</i> , 1997)
EC1327	p316-SSA1	Express WT Ssa1	(James <i>et al.</i> , 1997)
EC1659	p316-ABB	Express Ssa1/Ssb1 chimera	(James <i>et al.</i> , 1997)
EC1662	p316-BAA	Express Ssa1/Ssb1 chimera	(James <i>et al.</i> , 1997)
EC1695	p316-AAB	Express Ssa1/Ssb1 chimera	(James <i>et al.</i> , 1997)
EC1696	p316-ABA	Express Ssa1/Ssb1 chimera	(James <i>et al.</i> , 1997)
EC1697	p316-BAB	Express Ssa1/Ssb1 chimera	(James <i>et al.</i> , 1997)
EC1698	p316-BBA	Express Ssa1/Ssb1 chimera	(James <i>et al.</i> , 1997)
5708	p316-SSE1	Overexpress Sse1 as second copy	This study
5435	p316-YDJ1	Overexpress Ydj1 as second copy	This study
6761	p416GPD-Ssb1	Overexpress Ssb1 from Ura-marked plasmid	This study
6532	p415TEF-Sse1	Overexpress Sse1 from Leu-marked plasmid	This study

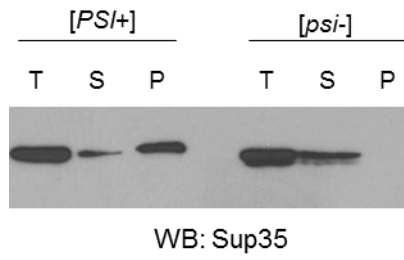


Figure S1.

A [psi-] control, performed concurrently with the blot in Figure 1F, demonstrates that the solubility assay can differentiate between [PSI+] and [psi-] strains of yeast.