

**Table S3. List of strains used in this study**

Name	Genotype	Parental strain	Reference	Extra info strain
N402	<i>cspA1, amdS-</i>	-	(67)	Wild type
MA234.1	<i>cspA1, ΔkusA::DR-amdS-DR</i>	N402	(55)	
SJS143	<i>ΔNRRL3_01479; 'ΔdprA'</i>	MA234.1	This study	Strain lacking a gene coding for a putative dehydrin-like protein (45)
SJS144	<i>ΔNRRL3_01479; 'ΔdprB'</i>	MA234.1	This study	Strain lacking a gene coding for a putative dehydrin-like protein (45)
SJS145	<i>ΔNRRL3_01479, ΔNRRL3_01479; 'ΔdprAB'</i>	MA234.1	This study	Strain lacking both putative dehydrin-like proteins (45)
SJS146	<i>ΔNRRL3_05684; 'ΔLEA3-like'</i>	MA234.1	This study	Strain lacking a LEA3-like protein thought to be involved in the cell stress response (26, 68)
SJS147.2	<i>ΔNRRL3_02511, 'ΔconJ'</i>	MA234.1	This study	Strain lacking a homologue of <i>conJ</i> as described in <i>A. nidulans</i> involved in stress response (46)
JZ2.1	<i>ΔNRRL3_11620; 'Δhsp9/12'</i>	MA234.1	This study	Strain lacking putative <i>hsp12</i> homologue, important for plasma membrane stability in <i>S. cerevisiae</i> (47, 48)
JZ3.1	<i>ΔNRRL3_02725; 'Δhsp104'</i>	MA234.1	This study	Strain lacking putative <i>hsp104</i> homologue, important for heat resistance in <i>S. cerevisiae</i> (49, 50, 69)
SJS123	<i>cspA1, ΔkusA::DR-amdS-DR, ΔtpsAB</i>	SJS121	This study	
SJS124	<i>cspA1, ΔkusA::DR-amdS-DR, ΔtpsAC</i>	MA234.1	This study	
SJS125	<i>cspA1, ΔkusA::DR-amdS-DR, ΔtpsBC</i>	SJS121	This study	
SJS126	<i>cspA1, ΔkusA::DR-amdS-DR, ΔtpsABC</i>	SJS121	This study	
SJS127	<i>cspA1, ΔkusA::DR-amdS-DR, ΔmpdA, ΔtpsAB</i>	SJS123	This study	
SJS128	<i>cspA1, ΔkusA::DR-amdS-DR, ΔmpdA, ΔtpsABC</i>	SJS126	This study	
SJS129	<i>cspA1, ΔkusA::DR-amdS-DR, ΔmtdB</i>	MA234.1	This study	
SJS130	<i>cspA1, ΔkusA::DR-amdS-DR, ΔmtdB, ΔmpdA</i>	VO2	This study	
SJS131	<i>cspA1, ΔkusA::DR-amdS-DR, ΔmtdB, ΔtpsAB</i>	SJS123	This study	
SJS132	<i>cspA1, ΔkusA::DR-amdS-DR, ΔmtdB, ΔtpsABC</i>	SJS126	This study	
SJS133	<i>cspA1, ΔkusA::DR-amdS-DR, ΔmtdB, ΔmpdA, ΔtpsAB</i>	SJS127	This study	

SJS134	<i>cspA1</i> , $\Delta kusA::DR-amdS-DR$ , $\Delta mtdB$ , $\Delta mpdA$ , $\Delta tpsABC$	SJS128	This study
SJS135	<i>cspA1</i> , $\Delta kusA::DR-amdS-DR$ , $\Delta tpsAB$ , $\Delta mtdA$	SJS123	This study
SJS136	<i>cspA1</i> , $\Delta kusA::DR-amdS-DR$ , $\Delta tpsABC$ , $\Delta mtdA$	SJS126	This study
SJS137	<i>cspA1</i> , $\Delta kusA::DR-amdS-DR$ , $\Delta tpsABC$ , $\Delta mpdA$ , $\Delta mtdA$	SJS128	This study
SJS138	<i>cspA1</i> , $\Delta kusA::DR-amdS-DR$ , $\Delta mtdAB$	SJS129	This study
SJS139	<i>cspA1</i> , $\Delta kusA::DR-amdS-DR$ , $\Delta mtdAB$ , $\Delta mpdA$	SJS130	This study
SJS141	<i>cspA1</i> , $\Delta kusA::DR-amdS-DR$ , $\Delta mtdAB$ , $\Delta tpsABC$	SJS132	This study
SJS142	<i>cspA1</i> , $\Delta kusA::DR-amdS-DR$ , $\Delta mtdAB$ , $\Delta mpdA$ , $\Delta tpsABC$	SJS134	This study
SJS149.2	<i>cspA1</i> , $\Delta kusA::DR-amdS-DR$ , <i>mpdA</i> T669A, T672G	VO2	This study
SJS152.3	<i>cspA1</i> , $\Delta kusA::DR-amdS-DR$ , <i>tpsC</i> T93A, A96T	SJS126	This study
SJS153	<i>cspA1</i> , $\Delta kusA::DR-amdS-DR$ , <i>tpsA</i> T258C, G273A	SJS128	This study
SJS154	<i>cspA1</i> , $\Delta kusA::DR-amdS-DR$ , <i>tpsB</i> G267A, G270A	SJS132	This study
SJS155	<i>cspA1</i> , $\Delta kusA::DR-amdS-DR$ , <i>tpsA</i> T258C, G273A, <i>tpsB</i> G267A, G270A	SJS134	This study
SJS156	<i>cspA1</i> , $\Delta kusA::DR-amdS-DR$ , $\Delta mpdA$ , $\Delta tpsABC$	SJS134	This study
CBS112.32	Wild type	-	(70) Wild isolate
CSB147347	Wild type	-	(70) Wild isolate