

**Table S1 Strain genotypes**

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<b>J178-#7-20</b>	<i>MATa ade1 met14 ura3-52 leu2-3,112 his3 his4::GAL-CEN3/URA3 rad52</i>
<b>PSL5</b>	<i>MATα ade2-1 ura3 can1Δ::SUP4-o gal2 ho::hisG</i> <i>MATa/MATα ade1/ADE1 ADE2/ade2-1 met14/MET14 ura3-52/ura3 leu2-3,112/LEU2 his3/HIS3 his4::GAL-CEN3/URA3/HIS4 rad52/RAD52 CAN1/can1Δ::SUP4-o</i>
<b>WS49</b>	<i>GAL2/gal2</i>
<b>J178-1d</b>	<i>MATa ade1 met14 ura3-52 leu2-3,112 his3</i>
<b>MG42</b>	<i>MATa ade1 met14 ura3-52 leu2-3,112 his3 can1Δ::GAL-CEN3/URA3</i>
<b>WS83</b>	<i>MATa/MATα ade1/ADE1 ADE2/ade2-1 met14/MET14 ura3-52/ura3 leu2-3,112/LEU2, his3/HIS3, can1Δ::GAL-CEN3/URA3/can1Δ::SUP4-o GAL2/gal2</i>
<b>MG48</b>	<i>MATa ade1 met14 ura3-52 leu2-3,112 his3 V80412-80162Δ::GAL-CEN3/URA3</i> <i>MATa/MATα ade1/ADE1 ADE2/ade2-1 met14/MET14 ura3-52/ura3 leu2-3,112/LEU2 his3/HIS3, V80412-80162Δ::GAL-CEN3/URA3/V80412-80162</i>
<b>WS92</b>	<i>CAN1/can1Δ::SUP4-o GAL2/gal2</i>

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