**TABLE S2**

**Yeast strains used in this study.**

<table>
<thead>
<tr>
<th>Strain</th>
<th>Genotype</th>
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<tbody>
<tr>
<td>UCC526</td>
<td>MATα/α ade2::hisG::ADE2 ade2::hisG his3/α his3/α leu2/α leu2 LYS2/α lys2/α ura3Δ0/α ura3Δ0 trp1Δ63/trp1Δ63 MET15/α met15Δ: ADE2 hoα::P&lt;sub&gt;SCW11&lt;/sub&gt;-cre-EBD78-NATMX/hoα::P&lt;sub&gt;SCW11&lt;/sub&gt;-cre-EBD78-NATMX loxP-UBC9-loxP-LEU2/loxP-UBC9-loxP-LEU2 loxP-CDC20-Intron-lex-P-HPHMX/loxP-CDC20-Intron-lex-P-HPHMX fob1Δ::KANMX/fob1Δ::KANMX</td>
</tr>
<tr>
<td>UCC3813</td>
<td>MATα his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 loxP-CDC20-HPHMX</td>
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<td>UCC5179</td>
<td>MATα ade2::hisG his3Δ1 leu2 lys2 ura3Δ0 trp1Δ63 hisα::P&lt;sub&gt;SCW11&lt;/sub&gt;-cre-EBD78-NATMX loxP-UBC9-loxP-LEU2 loxP-CDC20-Intron-lex-P-HPHMX</td>
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<td>UCC5181</td>
<td>MATα ade2::hisG his3Δ1 leu2 trp1Δ63 his3Δ0 met15Δ::ADE2 hoα::P&lt;sub&gt;SCW11&lt;/sub&gt;-cre-EBD78-NATMX loxP-UBC9-loxP-LEU2 loxP-CDC20-Intron-lex-P-HPHMX</td>
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<tr>
<td>UCC5185</td>
<td>MATα ade2::hisG ade2::hisG his3/α his3/α leu2/α leu2 LYS2/α lys2/α ura3Δ0/α ura3Δ0 trp1Δ63/trp1Δ63 MET15/α met15Δ::ADE2 hoα::P&lt;sub&gt;SCW11&lt;/sub&gt;-cre-EBD78-NATMX/hoα::P&lt;sub&gt;SCW11&lt;/sub&gt;-cre-EBD78-NATMX loxP-UBC9-loxP-LEU2/loxP-UBC9-loxP-LEU2 loxP-CDC20-Intron-lex-P-HPHMX/loxP-CDC20-Intron-lex-P-HPHMX</td>
</tr>
<tr>
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<td>UCC8697</td>
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<td>UCC8701</td>
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<td>UCC8723</td>
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<td>UCC8740</td>
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<td>UCC8836</td>
<td>MATα/α ade2::hisG ade2::hisG his3/α his3/α leu2/α leu2 LYS2/α lys2/α ura3Δ0/α ura3Δ0 trp1Δ63/trp1Δ63 MET15/α met15Δ::ADE2 hoα::P&lt;sub&gt;SCW11&lt;/sub&gt;-cre-EBD78-NATMX/hoα::P&lt;sub&gt;SCW11&lt;/sub&gt;-cre-EBD78-NATMX loxP-UBC9-loxP-LEU2/loxP-UBC9-loxP-LEU2 loxP-CDC20-Intron-lex-P-HPHMX/loxP-CDC20-Intron-lex-P-HPHMX</td>
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<tr>
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</tr>
<tr>
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<td>MATα ade2::hisG ade2::hisG his3/α his3/α leu2/α leu2 LYS2/α lys2/α ura3Δ0/α ura3Δ0 trp1Δ63/trp1Δ63 met15Δ::ADE2 met15Δ::ADE2 hoα::P&lt;sub&gt;SCW11&lt;/sub&gt;-cre-EBD78-NATMX/hoα::P&lt;sub&gt;SCW11&lt;/sub&gt;-cre-EBD78-NATMX/hoα::P&lt;sub&gt;SCW11&lt;/sub&gt;-cre-EBD78-NATMX/hoα::P&lt;sub&gt;SCW11&lt;/sub&gt;-cre-EBD78-NATMX</td>
</tr>
</tbody>
</table>
cre-EBD78-NATMX loxP-UBC9-loxP-LEU2/loxP-UBC9-loxP-LEU2 loxP-CDC20-Intron-loxP-HPMX/loxP-CDC20-Intron-loxP-HPMX

**UCC8852**
MATα his3 leu2 lys2Δ trp1Δ63 ura3Δ0 hoΔ::PSCW11-cre-EBD78-NATMX loxP-CDC20-Intron-loxP-HPMX

**UCC8853**
MATα his3 leu2 lys2Δ ura3Δ0 hoΔ::PSCW11-cre-EBD78-NATMX loxP-CDC20-Intron-loxP-HPMX

**UCC8857**
MATα/MATα ade2::hisG his3Δ1/Δ his3 leu2Δ0/Δ leu2 LYS2/Δ lys2Δ0 TRP1/Δ trp1Δ63 ura3Δ0/Δ ura3Δ0 hoΔ::PSCW11-cre-EBD78-NATMX/Δ

**UCC8858**
MATα/MATα his3Δ1/Δ his3 leu2Δ0/Δ leu2 ura3Δ0/Δ ura3Δ0 hoΔ::PSCW11-cre-EBD78-NATMX/Δ

**UCC8859**
MATα/MATα his3/Δ his3 leu2/Δ leu2 LYS2/Δ lys2Δ0 TRP1/Δ trp1Δ63 ura3Δ0/Δ ura3Δ0 hoΔ::PSCW11-cre-EBD78-NATMX/Δ

**UCC8860**
MATα/MATα ade2::hisG ade2::hisG his3/Δ his3 leu2/Δ leu2 LYS2/Δ lys2Δ0 TRP1/Δ trp1Δ63 MET15/Δ met15Δ::ADE2 ade2::hisG his3Δ1/Δ ade2Δ0/Δ ade2Δ0 hoΔ::PSCW11-cre-EBD78-NATMX/Δ

**UCC8861**
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**UCC8863**
MATα/MATα ade2::hisG his3/Δ his3 leu2/Δ leu2 LYS2/Δ lys2Δ0 TRP1/Δ trp1Δ63 MET15/Δ met15Δ::ADE2 ade2::hisG his3Δ1/Δ ade2Δ0/Δ ade2Δ0 hoΔ::PSCW11-cre-EBD78-NATMX/Δ