

Supplementary Table 1. Interactions reported previously (Tong *et al.*, 2004, *Science* **303**:808-813) and not included in our global analysis.

Query	gene	ORF	Confirmation procedure	Explanation
<i>BNI4</i>	<i>SMY1</i>	<i>YKL079W</i>	RSA ⁽¹⁾	non reciprocal interaction ⁽²⁾
<i>CHS1</i>		<i>YNL087W</i>	tetrad analysis	linked to <i>CHS1</i>
<i>CHS1</i>		<i>YNL171C</i>	tetrad analysis	linked to <i>CHS1</i>
<i>CHS1</i>		<i>YNL200C</i>	tetrad analysis	linked to <i>CHS1</i>
<i>CHS1</i>		<i>YNL201C</i>	tetrad analysis	linked to <i>CHS1</i>
<i>CHS1</i>		<i>YNL203C</i>	tetrad analysis	linked to <i>CHS1</i>
<i>CHS1</i>		<i>YNL228W</i>	tetrad analysis	linked to <i>CHS1</i>
<i>CHS1</i>		<i>YNL235C</i>	tetrad analysis	linked to <i>CHS1</i>
<i>CHS1</i>	<i>FIG2</i>	<i>YCR089W</i>	tetrad analysis	non reciprocal interaction
<i>CHS1</i>	<i>PDR16</i>	<i>YNL231C</i>	tetrad analysis	linked to <i>CHS1</i>
<i>CHS1</i>	<i>PEX6</i>	<i>YNL329C</i>	tetrad analysis	linked to <i>CHS1</i>
<i>CHS1</i>	<i>SPS18</i>	<i>YNL204C</i>	tetrad analysis	linked to <i>CHS1</i>
<i>CHS1</i>	<i>SPS19</i>	<i>YNL202W</i>	tetrad analysis	linked to <i>CHS1</i>
<i>CHS3</i>	<i>KRE1</i>	<i>YNL322C</i>	tetrad analysis	non reciprocal interaction
<i>CHS3</i>	<i>RVS161</i>	<i>YCR009C</i>	tetrad analysis	non reciprocal interaction
<i>CHS4</i>	<i>KRE1</i>	<i>YNL322C</i>	tetrad analysis	non reciprocal interaction
<i>CHS4</i>	<i>RVS161</i>	<i>YCR009C</i>	tetrad analysis	non reciprocal interaction
<i>CHS5</i>	<i>BBC1</i>	<i>YJL020C</i>	tetrad analysis	non reciprocal interaction
<i>CHS5</i>	<i>BNI1</i>	<i>YNL271C</i>	tetrad analysis	non reciprocal interaction
<i>CHS5</i>	<i>EMP24</i>	<i>YGL200C</i>	tetrad analysis	non reciprocal interaction
<i>CHS5</i>	<i>KNH1</i>	<i>YDL049C</i>	tetrad analysis	non reciprocal interaction
<i>CHS5</i>	<i>KRE1</i>	<i>YNL322C</i>	tetrad analysis	non reciprocal interaction
<i>CHS5</i>	<i>RVS167</i>	<i>YDR388W</i>	tetrad analysis	non reciprocal interaction
<i>CHS5</i>	<i>SMY1</i>	<i>YKL079W</i>	tetrad analysis	non reciprocal interaction
<i>CHS6</i>	<i>RVS161</i>	<i>YCR009C</i>	tetrad analysis	non reciprocal interaction
<i>CHS7</i>	<i>RVS161</i>	<i>YCR009C</i>	tetrad analysis	non reciprocal interaction
<i>SHC1</i>	<i>BIK1</i>	<i>YCL029C</i>	tetrad analysis	non reciprocal interaction

⁽¹⁾: random spore analysis.

⁽²⁾: a non-reciprocal interaction between genes A and B occurs when gene A is found in a screen for genes interacting with gene B, whereas gene B is not found in the set of genes interacting with gene A.