Table S1. No significant difference in importance between \textit{S. cerevisiae} genes with and without \textit{S. bayanus} orthologs.

<table>
<thead>
<tr>
<th>Genes</th>
<th>Mean fitness reduction upon gene deletion in YPD</th>
<th>P-values</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>With orthologs</td>
<td>Without orthologs</td>
</tr>
<tr>
<td>Singletons</td>
<td>0.288 (2668(^a))</td>
<td>0.275 (883)</td>
</tr>
<tr>
<td>Duplicates</td>
<td>0.171 (1331)</td>
<td>0.158 (1104)</td>
</tr>
</tbody>
</table>

\(^a\) Number of genes in this category
\(^b\) Mann-Whitney U test