

**Table S1**

<b>Strain</b>	<b>Relevant genotype</b>	<b>Source</b>
RDKY3615	MAT a, <i>ura3-52</i> , <i>his3Δ200</i> , <i>leu2Δ1</i> , <i>trp1Δ63</i> , <i>lys2ΔBgl</i> , <i>hom3-10</i> , <i>ade2Δ1</i> , <i>ade8</i> , <i>hxt13::URA3</i>	ref. 28
RDKY4399	<i>pif1::KMX</i>	ref. 29
ORT6531	<i>npr2::hphMX</i>	This study
ORT6568	<i>pif1::KMX</i> , <i>npr2::hphMX</i>	This study
ORT6542-8	<i>npr2::hphMX-CEB1-WT-0.8 orientation G</i>	This study
ORT6542-5	<i>npr2::hphMX-CEB1-WT-1.4 orientation G</i>	This study
ORT6542-6	<i>npr2::hphMX-CEB1-WT-1.7 orientation G</i>	This study
ORT6542-4	<i>npr2::hphMX-CEB1-WT-1.9 orientation G</i>	This study
ORT6542-1	<i>npr2::hphMX-CEB1-WT-2.7 orientation G</i>	This study
ORT6591-9	<i>npr2::hphMX-CEB1-WT-0.2 orientation C</i>	This study
ORT6591-4	<i>npr2::hphMX-CEB1-WT-0.45 orientation C</i>	This study
ORT6591-3	<i>npr2::hphMX-CEB1-WT-0.8 orientation C</i>	This study
ORT6591-8	<i>npr2::hphMX-CEB1-WT-1.1 orientation C</i>	This study
ORT6591-1	<i>npr2::hphMX-CEB1-WT-1.7 orientation C</i>	This study
ORT6543-10	<i>pif1::KMX</i> , <i>npr2::hphMX-CEB1-WT-0.16 orientation G</i>	This study
ORT7154-2	<i>pif1::KMX</i> , <i>npr2::hphMX-CEB1-WT-0.28 orientation G</i>	This study
ORT7154-7	<i>pif1::KMX</i> , <i>npr2::hphMX-CEB1-WT-0.76 orientation G</i>	This study
ORT7154-3	<i>pif1::KMX</i> , <i>npr2::hphMX-CEB1-WT-0.88 orientation G</i>	This study
ORT6543-4	<i>pif1::KMX</i> , <i>npr2::hphMX-CEB1-WT-1.4 orientation G</i>	This study
ORT6543-1	<i>pif1::KMX</i> , <i>npr2::hphMX-CEB1-WT-1.7 orientation G</i>	This study
ORT6541-1	<i>pif1::KMX</i> , <i>npr2::hphMX-CEB1-WT-0.16 orientation C</i>	This study
ORT6592-1	<i>pif1::KMX</i> , <i>npr2::hphMX-CEB1-WT-0.4 orientation C</i>	This study
ORT6592-4	<i>pif1::KMX</i> , <i>npr2::hphMX-CEB1-WT-0.96 orientation C</i>	This study
ORT6592-18	<i>pif1::KMX</i> , <i>npr2::hphMX-CEB1-WT-1.2 orientation C</i>	This study
ORT6592-22	<i>pif1::KMX</i> , <i>npr2::hphMX-CEB1-WT-1.4 orientation C</i>	This study
ORT7153-9	<i>pif1::KMX</i> , <i>npr2::hphMX-CEB1-WT-1.7 orientation C</i>	This study
ORT7189-1	<i>rad51::KMX</i> , <i>npr2::hphMX-CEB1-WT-1.7 orientation G</i>	This study
ORT7191-3	<i>rad51::KMX</i> , <i>npr2::hphMX-CEB1-WT-1.7 orientation C</i>	This study
ORT7309-3	<i>dnl4::KMX</i> , <i>npr2::hphMX-CEB1-WT-1.7 orientation C</i>	This study
ORT7310-2	<i>rad52::KMX</i> , <i>npr2::hphMX-CEB1-WT-1.7 orientation G</i>	This study
ORT7312-5	<i>rad52::KMX</i> , <i>npr2::hphMX-CEB1-WT-1.7 orientation C</i>	This study
ORT6550-2	<i>npr2::hphMX-CEB1-Gmut-1.7 orientation G</i>	This study
ORT6548	<i>npr2::hphMX-CEB1-Gmut-1.7 orientation C</i>	This study
ORT6551-1	<i>pif1::KMX</i> , <i>npr2::hphMX-CEB1-Gmut-1.7 orientation G</i>	This study
ORT6549	<i>pif1::KMX</i> , <i>npr2::hphMX-CEB1-Gmut-1.7 orientation C</i>	This study
ORT7182	<i>npr2::hphMX-HRAS1-0.7 orientation G</i>	This study
ORT7183	<i>npr2::hphMX-HRAS1-0.7 orientation C</i>	This study
ORT7322	<i>pif1::HIS3</i> , <i>npr2::hphMX-HRAS1-0.7 orientation G</i>	This study
ORT7323	<i>pif1::HIS3</i> , <i>npr2::hphMX-HRAS1-0.7 orientation C</i>	This study
ORT6558	<i>npr2::hphMX-CEB25-WT-0.7 orientation G</i>	This study
ORT6556	<i>npr2::hphMX-CEB25-WT-0.7 orientation C</i>	This study
ORT7344	<i>rad52::KMX</i> , <i>npr2::hphMX-CEB25-WT-0.7 orientation G</i>	This study
ANT1181-1	<i>npr2::hphMX-CEB25-Cdc13mutG4wt-1.4 orientation G</i>	This study
ANT1180-5	<i>npr2::hphMX-CEB25-Cdc13mutG4wt-1.4 orientation C</i>	This study
ANT1183-1	<i>npr2::hphMX-CEB25-Cdc13mutG4mut-1.4 orientation G</i>	This study
ANT1182-1	<i>npr2::hphMX-CEB25-Cdc13mutG4mut-1.4 orientation C</i>	This study
ORT6559-5	<i>pif1::KMX</i> , <i>npr2::hphMX-CEB25-WT-0,7 orientation G</i>	This study
ORT6557-1	<i>pif1::KMX</i> , <i>npr2::hphMX-CEB25-WT-0,7 orientation C</i>	This study
ANT1185-4	<i>pif1::KMX</i> , <i>npr2::hphMX-CEB25-Cdc13mutG4wt-1.4 orientation G</i>	This study
ANT1184-1	<i>pif1::KMX</i> , <i>npr2::hphMX-CEB25-Cdc13mutG4wt-1.4 orientation C</i>	This study
ANT1187-1	<i>pif1::KMX</i> , <i>npr2::hphMX-CEB25-Cdc13mutG4mut-1.4 orientation G</i>	This study
ANT1186-1	<i>pif1::KMX</i> , <i>npr2::hphMX-CEB25-Cdc13mutG4mut-1.4 orientation C</i>	This study