

Table S2. Construction of strains

Yesat Strains

Locus	Construction
<i>spo71Δ::kanMX6</i>	HT403 and HT404, pFA6a-kanMX6 (1)
<i>spo73Δ::kanMX6</i>	IC7 and IC8, pFA6a-kanMX6 (1)
<i>ura3::URA3-DON1-GFP</i>	306-DON1-GFP
<i>spo1Δ::kanMX6</i>	HT372 and HT373, genomic DNA of <i>spo1Δ::kanMX6</i> strain from deletion collection
<i>spo1Δ::HIS3MX6</i>	pFA6a-His3MX6 (1) (<i>spo1Δ::kanMX6</i> to <i>spo1Δ::HIS3MX6</i>)
<i>spo73Δ::HIS3MX6</i>	pFA6a-His3MX6(1) (<i>spo73Δ::kanMX6</i> to <i>spo73Δ::HIS3MX6</i>)
<i>ssp1Δ::kanMX6</i>	HT86 and HT87, pFA6a-kanMX6 (1)
<i>VPS13::GFP-HIS3MX6</i>	IC4 and IC5, pFA6a-yEGFP-HIS3MX6 (2)
<i>HIS3</i>	TN377 and TN378, pRS303 (3) (<i>his3ΔSK</i> to <i>HIS3</i>)

1. **Longtine MS, Iii AMK, Demarini DJ, Shah NG.** 1998. Additional Modules for Versatile and Economical PCR-based Gene Deletion and Modification in *Saccharomyces cerevisiae*. *Yeast* **961**:953–961.
2. **Nickas ME, Neiman AM.** 2002. Ady3p Links Spindle Pole Body Function to Spore Wall Synthesis in *Saccharomyces cerevisiae*. *Genetics* **1450**:1439–1450.
3. **Sikorski RS, Hieter P.** 1989. A System of Shuttle Vectors and Yeast Host Strains Designed for Efficient Manipulation of DNA in. *Genetics* **122**:19–27.