

TABLE S5 Strains Used In This Study

| Name | Genotype | Source |
|-------------|---|------------------------------|
| JRY9316 | <i>matΔ::HygMX can1-100 his3-11 leu2-3,112 lys2- trp1-1 ura3-52</i> | TEYTELMAN <i>et al.</i> 2013 |
| JRY9720 | <i>matΔ::HygMX can1-100 his3-11 leu2-3,112 lys2- trp1-1 ura3-52 sir2Δ::KanMX</i> | This study |
| JRY9721 | <i>matΔ::HygMX can1-100 his3-11 leu2-3,112 lys2- trp1-1 ura3-52 sir2Δ::KanMX</i> | This study |
| JRY9722 | <i>matΔ::HygMX can1-100 his3-11 leu2-3,112 lys2- trp1-1 ura3-52 sir2Δ::KanMX</i> | This study |
| JRY9723 | <i>matΔ::HygMX can1-100 his3-11 leu2-3,112 lys2- trp1-1 ura3-52 sir3Δ::KanMX</i> | This study |
| JRY9724 | <i>matΔ::HygMX can1-100 his3-11 leu2-3,112 lys2- trp1-1 ura3-52 sir3Δ::KanMX</i> | This study |
| JRY9725 | <i>matΔ::HygMX can1-100 his3-11 leu2-3,112 lys2- trp1-1 ura3-52 sir3Δ::KanMX</i> | This study |
| JRY9726 | <i>matΔ::HygMX can1-100 his3-11 leu2-3,112 lys2- trp1-1 ura3-52 sir4Δ::KanMX</i> | This study |
| JRY9727 | <i>matΔ::HygMX can1-100 his3-11 leu2-3,112 lys2- trp1-1 ura3-52 sir4Δ::KanMX</i> | This study |
| JRY9728 | <i>matΔ::HygMX can1-100 his3-11 leu2-3,112 lys2- trp1-1 ura3-52 sir4Δ::KanMX</i> | This study |
| JRY9741 | <i>matΔ::HygMX can1-100 his3-11 leu2-3,112 lys2- trp1-1 ura3-52 sir2Δ::KanMX hmlΔ::SpHIS5MX</i> | This study |