**Table S2:** Yeast strains used for complementation studies

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Mutant** | **Background** | **Mating-type** | **Genotype** | **Phenotype** | **Reference** |
| wt | BY4741 | MATa | *his3*Δ*1; leu2*Δ*0; met15*Δ*0; ura3*Δ*0* | wt | Euroscarf  Y00000 |
| *zrc1cot1* | BY4741 | MATa | *his3*Δ*1; leu2*Δ*0; met15*Δ*0; ura3*Δ*0; zrc1::natMX; cot1::kanMX4* | Znand Co sensitive | (Dräger *et al*., 2004) |
| *ycf1* | BY4741 | MATa | *his3Δ1; leu2Δ0; met15Δ0; ura3Δ0;YDR135C::kanMX4* | Cd sensitive | Euroscarf Y04069 |
| *ccc2* | BY4741 | MATa | *his3∆1;leu2∆0;met15∆0;ura3∆0; YLR220w::kanMX4* | Cu sensitive | Euroscarf Y04169 |
| *ccc1* | BY4741 | MATa | *his3∆1;leu2∆0;met15∆0;ura3∆0; YLR220w::kanMX4* | Fe sensitive | Euroscarf Y04169\* |
| *pmr1* | BY4741 | MATa | *his3∆1;leu2∆0;met15∆0;ura3∆0; YGL167c::kanMX4* | Mn sensitive | Euroscarf Y04534 |
| K616 | BY4741 | MATa | *pmr1::HIS3 pmc1::TRP1 cnb1::LEU2, ade2, ura3* | Cadependent | (Cunningham and Fink, 1994) |

\* The YCp-vector His 3 marker (Stratagene PRS-413) was transformed into the *ccc1* yeast strain achieving a yeast strain sensitive on high Fe levels [70].