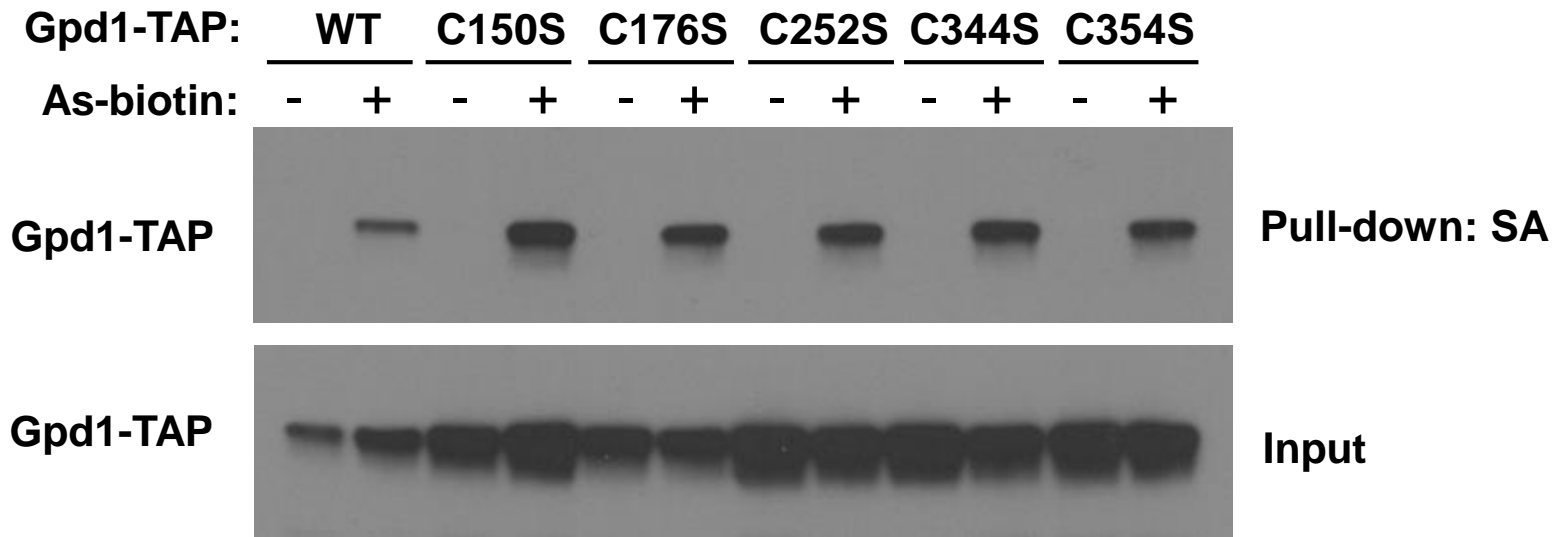


Supplemental Materials

Molecular Biology of the Cell

Lee and Levin



Supplemental Figure S1. As-biotin pull-down of Gpd1 Cys-Ser mutants. (A) A *gpd1Δ gpd2Δ* mutant (DL4285) transformed with plasmids expressing Gpd1-TAP forms under the inducible control of the *GAL1* promoter (WT, p3467; C150S, p3499; C176S, p3500; C252S, p3501; C344S, p3502; C354S, p3503) were treated for 10 min with 10 μ M As-biotin. Extracts were subjected to affinity pull-down with streptavidin agarose (SA) beads prior to SDS-PAGE and immunoblot analysis for Gpd1-TAP.

Table S1. Plasmids used in this study.

| Plasmid | Description | Source or Reference |
|---------|---|------------------------------|
| p115 | pRS316 | Sikorski and Hieter, 1989 |
| p2823 | pAG32 | Goldstein and McCusker, 1999 |
| p3467 | <i>GAL1^P–GPD1-TAP</i> (6HIS-HA-ZZ) | Open Biosystems |
| p3494 | <i>GAL1^P–GPD1-C134S-TAP</i> (6HIS-HA-ZZ) | This study |
| p3495 | <i>GAL1^P–GPD1-C241S-TAP</i> (6HIS-HA-ZZ) | This study |
| p3496 | <i>GAL1^P–GPD1-C306S-TAP</i> (6HIS-HA-ZZ) | This study |
| p3497 | <i>GAL1^P–GPD1-C306A-TAP</i> (6HIS-HA-ZZ) | This study |
| p3498 | <i>GAL1^P–GPD1-C134S C306S-TAP</i> (6HIS-HA-ZZ) | This study |
| p3499 | <i>GAL1^P–GPD1-C150S-TAP</i> (6HIS-HA-ZZ) | This study |
| p3500 | <i>GAL1^P–GPD1-C176S-TAP</i> (6HIS-HA-ZZ) | This study |
| p3501 | <i>GAL1^P–GPD1-C252S-TAP</i> (6HIS-HA-ZZ) | This study |
| p3502 | <i>GAL1^P–GPD1-C344S-TAP</i> (6HIS-HA-ZZ) | This study |
| p3503 | <i>GAL1^P–GPD1-C354S-TAP</i> (6HIS-HA-ZZ) | This study |

Goldstein AL, McCusker JH (1999). Three new dominant drug resistance cassettes for gene disruption in *Saccharomyces cerevisiae*. *Yeast* 15, 1541-1553.

Sikorski RS, Hieter P (1989). A system of shuttle vectors and yeast host strains designed for efficient manipulation of DNA in *Saccharomyces cerevisiae*. *Genetics* 122, 19-27.