

TABLE S4**CycY/Eip63E interaction specificity by yeast two-hybrid assay**

| | CycY | |
|---------|--------|------|
| | Leu2 | LacZ |
| Eip63E | 3 | 1 |
| Cdk1 | 1 | 0 |
| Cdk2 | 1 | 0 |
| Cdk4 | 0.5 | 0 |
| Cdk5 | 0.5 | 0 |
| Cdk7 | 0 | 0 |
| Cdc2rk | 0.5 | 0 |
| CG7597 | 0 | 0 |
| | Eip63E | |
| | Leu2 | LacZ |
| CycY | 3 | 1 |
| CycA | 0 | 0 |
| CycB | 0 | 0 |
| CycB3 | 0 | 1 |
| CycC | 3 | 2 |
| CycD | 0 | 0 |
| CycE | 0 | 0 |
| CycG | 0 | 0 |
| CycH | 0 | 0 |
| CycJ | 0 | 0 |
| CycK | 0 | 0 |
| CycT | 0 | 0 |
| Koko | 0 | 0 |
| CG16903 | 0 | 0 |

Interactions between activation domain (AD)-tagged CycY and LexA DNA-binding domain (BD)-tagged Cdks (top), or BD-tagged Eip63E and AD-tagged cyclins (bottom) were tested by yeast two-hybrid mating assays. Activity for the two reporter genes, *LEU2* and *lacZ*, was scored by the growth on plates lacking leucine (scale 0-3, where 0=no growth, 3=heavy growth) and blue color on X-gal plates (scale 0-5, where 0=white, 5=dark blue).