

**Supporting Online Material Table S2. The PRS set**

| Interactions |           | Interactions |           | Interactions |           |
|--------------|-----------|--------------|-----------|--------------|-----------|
| Protein A    | Protein B | Protein A    | Protein B | Protein A    | Protein B |
| LSM6         | LSM5      | CDC53        | MET30     | RAD23        | RPT6      |
| RNA15        | RNA14     | DOC1         | CDC16     | SEC9         | SSO1      |
| SPC25        | SPC24     | GLE1         | GFD1      | SKP1         | GRR1      |
| CDD1         | CDD1      | GOS1         | SED5      | SLI15        | IPL1      |
| ACT1         | ACT1      | MAS6         | TIM50     | SPT15        | TOA2      |
| ACT1         | SRV2      | MCM3         | CDC46     | STE5         | KSS1      |
| AHA1         | HSP82     | MUD2         | MSL5      | TAF25        | TAF19     |
| CEG1         | CET1      | NIP1         | PRT1      | TAF25        | TAF40     |
| CWC2         | PRP19     | NTC20        | CEF1      | TLG1         | VTI1      |
| UBC9         | SMT3      | OST1         | OST3      | PCF11        | RNA15     |
| BUB1         | BUB3      | OST1         | SWP1      | ACT1         | LAS17     |
| NHP2         | NAF1      | PAB1         | TIF4632   | SBA1         | HSP82     |
| RVS161       | RVS167    | POL30        | MSH6      | CPR7         | HSP82     |
| RVS167       | LAS17     | RPG1         | NIP1      | GIC2         | CDC42     |
| SIT4         | TAP42     | RSC6         | RSC8      | ISY1         | PRP19     |
| TRS31        | BET3      | RVS161       | FUS2      | NTC20        | PRP19     |
| RFC5         | RFC2      | RVS167       | GYL1      | NUP57        | NSP1      |
| POL30        | POL32     | RVS167       | GYP5      | OST4         | OST3      |
| PRE1         | PRE6      | SKP1         | CTF13     | PAF1         | CTR9      |
| PRE7         | PRE5      | SPC25        | TID3      | PRP19        | CEF1      |
| SPT15        | BRF1      | STE20        | CDC42     | PRP19        | PRP19     |
| ABP1         | APP1      | TIF4631      | CDC33     | PRP9         | PRP21     |
| HHF1         | HHT1      | TIM17        | MAS6      | SIR2         | SIR3      |
| LSM5         | LSM1      | TIM44        | MAS6      | SSA1         | YDJ1      |
| PAB1         | TIF4631   | TIM44        | SSC1      | STI1         | HSP82     |
| SED5         | SEC22     | XRS2         | MRE11     | TOM20        | TOM40     |
| TRS23        | BET3      | YRB2         | GSP1      |              |           |
| CDC53        | CDC4      | APC11        | CDC16     |              |           |
| PPH22        | TAP42     | CDC28        | CDC6      |              |           |
| PRP11        | PRP21     | CDC28        | SIC1      |              |           |
| SKP1         | CDC4      | CDC4         | CDC6      |              |           |
| TIF35        | PRT1      | CDC4         | HRT1      |              |           |
| TIF35        | TIF34     | CDC53        | GRR1      |              |           |
| CDC53        | CDC34     | CMD1         | XCM1      |              |           |
| CDC53        | HRT1      | DAD1         | DAM1      |              |           |
| CDC53        | SKP1      | DUO1         | DAM1      |              |           |
| LSM4         | LSM8      | FUS3         | DIG1      |              |           |
| MEC3         | RAD17     | KAP123       | GSP1      |              |           |
| RPG1         | PRT1      | KSS1         | STE12     |              |           |
| TID3         | SPC24     | MRS5         | MRS11     |              |           |
| TIF34        | PRT1      | MSH6         | MSH2      |              |           |
| TRS20        | BET3      | NIC96        | NUP57     |              |           |
| ABP1         | RVS167    | NOP1         | NOP58     |              |           |
| ABP1         | SRV2      | PCF11        | RNA14     |              |           |
| BET3         | BET5      | PRE1         | RPT6      |              |           |