

Supplementary Table S2- Plasmids used in this study

| Plasmid | Gene | Features | Vector | Source |
|------------------------------|------------------------------------|-----------------------------|-------------|-----------------------------------|
| Bacterial gene fusion | | | | |
| pBE718 | GST-YIH1 | Amp ^R | pGEX-6p-3 | This study |
| RCB14 | His ₆ -Cdc28 | Amp ^R | pETduet-1 | This study |
| Yeast gene fusions | | | | |
| pES245-6 | GST – YIH1 (2-132) | Amp ^R , URA3, 2μ | pES128-9 | [3] |
| pES246-7 | GST – YIH1 (2-171) | Amp ^R , URA3, 2μ | pES128-9 | [3] |
| pES247-8 | GST – YIH1 (68-258) | Amp ^R , URA3, 2μ | pES128-9 | [3] |
| pES248-9 | GST – YIH1 (68-171) | Amp ^R , URA3, 2μ | pES128-9 | [3] |
| pES249-10 | GST – YIH1 (133-258) | Amp ^R , URA3, 2μ | pES128-9 | [3] |
| pES187B1 | GST – YIH1 (2-258) | Amp ^R , URA3, 2μ | pES128-9 | [3] |
| pES330-5-3 | GST – YIH1 (2-258) E87A; D90A | Amp ^R , URA3, 2μ | pES128-9 | [3] |
| pES332-3-1 | GST – YIH1 (2-258) D102A; E106A | Amp ^R , URA3, 2μ | pES128-9 | [3] |
| pES234-6-2 | GST – IMPACT | Amp ^R , URA3, 2μ | pES128-9 | [14] |
| Mammalian gene fusion | | | | |
| pBE626 | IMPACT-FLAG | Amp ^R | pFLAG-CMV5a | (Roffe and Castilho, unpublished) |

*Number in parentheses indicate amino acids encoded by Yih1