

**Table S1. Plasmids used in this Study**

<b>Plasmid</b>	<b>Relevant information</b>	<b>Source</b>
pVA3-1	2 $\mu$ , TRP1, GAL4 BD-murine p53 (72-390aa), pGBT9	Takara Bio Inc.
pTD1-1	2 $\mu$ , LEU2, GAL4 AD-SV40 large T-antigen (84-708aa), pACT2	Takara Bio Inc.
pFA6A-natNT2	for genomic deletion disruption	Janke et al., 2004
pFA6a-FTpA-natNT2	Flag-TEV-ProtA,TADH1, for genomic C-terminal tagging	Thoms et al., 2015
pFA6a-3HA-Trp1	HA,TADH1, for genomic C-terminal tagging	Longtine et al., 1998
pGADT7- <i>ctMpp10</i>	CEN, LEU2, PADH1, TADH1, N-terminal G4AD	Baßler et al., 2017
pGADT7- <i>ctImp4</i>	CEN, LEU2, PADH1, TADH1, N-terminal G4AD	Baßler et al., 2017
pGADT7- <i>ctImp3</i>	CEN, LEU2, PADH1, TADH1, N-terminal G4AD	Baßler et al., 2017
pGADT7- <i>ctUtp3</i>	CEN, LEU2, PADH1, TADH1, N-terminal G4AD	Baßler et al., 2017
pGADT7- <i>ctRps5</i>	CEN, LEU2, PADH1, TADH1, N-terminal G4AD	This study
pGBKT7- <i>ctMpp10</i>	CEN, TRP1, PADH1, TADH1, N-terminal G4BD	Baßler et al., 2017
pGBKT7- <i>ctImp4</i>	CEN, TRP1, PADH1, TADH1, N-terminal G4BD	Baßler et al., 2017
pGBKT7- <i>ctImp3</i>	CEN, TRP1, PADH1, TADH1, N-terminal G4BD	Baßler et al., 2017
pGBKT7- <i>ctUtp3</i>	CEN, TRP1, PADH1, TADH1, N-terminal G4BD	Baßler et al., 2017
pGBKT7- <i>ctRps5</i>	CEN, TRP1, PADH1, TADH1, N-terminal G4BD	This study
YEplac181-P2 <i>ctRps5</i> p.Gal1-10-P1-pA TEV- <i>ctMpp10</i>	2 $\mu$ , LEU, for GAL co-expression in yeast, PGAL1-10, TADH1	This study
YEplac112-P2 <i>ctImp4</i> p.Gal1-10-P1-FLAG- <i>ctImp3</i>	2 $\mu$ , TRP1, for GAL co-expression in yeast, PGAL1-10, TADH1	This study
YEplac195-P2 empty p.Gal1-10-P1-2HA- <i>ctUtp3</i>	2 $\mu$ , URA, for GAL co-expression in yeast, PGAL1-10, TADH1	This study
YEplac195-P2 empty p.Gal1-10-P1- <i>ctUtp3</i>	2 $\mu$ , URA, for GAL co-expression in yeast, PGAL1-10, TADH1	This study
pGADT7- <i>ctMpp10</i> (1-162)	CEN, LEU2, PADH1, TADH1, N-terminal G4AD	This study
pGADT7- <i>ctMpp10</i> (184-467)	CEN, LEU2, PADH1, TADH1, N-terminal G4AD	This study
pGADT7- <i>ctMpp10</i> (468-601)	CEN, LEU2, PADH1, TADH1, N-terminal G4AD	This study
pGADT7- <i>ctMpp10</i> (602-785)	CEN, LEU2, PADH1, TADH1, N-terminal G4AD	This study
pET24d-GST-TEV- <i>ctMpp10</i> (59-90)	Kan <sup>r</sup> , T7 promoter, lac operator	This study
pET24d-GST-TEV- <i>ctMpp10</i> (125-157)	Kan <sup>r</sup> , T7 promoter, lac operator	This study

pET24d-GST-TEV	Kan <sup>r</sup> , T7 promoter, lac operator	Thoms et al, 2015
pET15b-His- <i>ctUtp3</i>	Amp <sup>r</sup> , T7 promoter, lac operator	This study
YEplac181-P2 <i>ctRps5</i> p.Gal1-10-P1- pA TEV- <i>ctMpp10</i> Δ59-90	2μ, LEU, for GAL co-expression in yeast, PGAL1-10, TADH1	This study
YEplac181-P2 <i>ctRps5</i> p.Gal1-10-P1- pA TEV- <i>ctMpp10</i> Δ125-157	2μ, LEU, for GAL co-expression in yeast, PGAL1-10, TADH1	This study
YEplac181-P2 <i>ctRps5</i> p.Gal1-10-P1- pA TEV- <i>ctMpp10</i> Δ59-157	2μ, LEU, for GAL co-expression in yeast, PGAL1-10, TADH1	This study
pet15b-His- <i>ctRps5</i>	Amp <sup>r</sup> , T7 promoter, lac operator	This study
pET24d-GST-TEV- <i>ctMpp10</i> (283-332)	Kan <sup>r</sup> , T7 promoter, lac operator	This study
pET24d-GST-TEV- <i>ctMpp10</i> (283-410)	Kan <sup>r</sup> , T7 promoter, lac operator	This study
YEplac181-P2 <i>ctRps5</i> p.Gal1-10-P1- pA TEV- <i>ctMpp10</i> Δ283-330	2μ, LEU, for GAL co-expression in yeast, PGAL1-10, TADH1	This study
p416 pTEF <i>scMpp10</i>	CEN, URA, PTEF, TCYC1	This study
p413 pTEF	CEN, HIS, PTEF, TCYC1	ATCC® 87362™
p413 pTEF <i>scMpp10</i>	CEN, HIS, PTEF, TCYC1	This study
p413 pTEF <i>scMpp10</i> 96-593	CEN, HIS, PTEF, TCYC1	This study
p413 pTEF <i>scMpp10</i> Δ178-248	CEN, HIS, PTEF, TCYC1	This study
p413 pTEF <i>ScMpp10</i> Δ299-375	CEN, HIS, PTEF, TCYC1	This study
p413 pTEF <i>scMpp10</i> Δ428-448	CEN, HIS, PTEF, TCYC1	This study
p413 pTEF <i>scMpp10</i> Δ96-287	CEN, HIS, PTEF, TCYC1	This study