



Surveying the global landscape of post-transcriptional regulators

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Tables

Supplementary Table 1: Plasmids used in this study.

Plasmid name	Purpose	Expression cassette	Source
pKS038	Sgn1 tethering vector	pPGK1::SGN1- λ N-SpHis5::tADH1 ARS/CEN	This study
pKS109	Halo control tethering vector	pPGK1::Halo- λ N-SpHis5::tADH1 ARS/CEN	This study
pKS132	Library in-frame selection vector	pPGK1:: λ N-P2A-SpHis5::tAgTEF ARS/CEN	This study
pKS137	Library tethering vector	pPGK1:: λ N-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS151	Ded1(14-178) tethering vector	pPGK1::Ded1(14-178)- λ N-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS152	Ebs1(691-876) tethering vector	pPGK1::Ebs1(691-876)- λ N-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS153	Hsp26(1-182) tethering vector	pPGK1::Hsp26(1-182)- λ N-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS154	Ngr1(474-626) tethering vector	pPGK1::Ngr1(474-626)- λ N-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS155	Tif35(115-239) tethering vector	pPGK1::Tif35(115-239)- λ N-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS156	Gta1(603-767) tethering vector	pPGK1::Gta1(603-767)- λ N-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS160	Her1(1025-1142) tethering vector	pPGK1::Her1(1025-1142)- λ N-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS171	Sro9(14-151) tethering vector	pPGK1::Sro9(14-151)- λ N-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS173	Sbp1(1-108) tethering vector	pPGK1::Sbp1(1-108)- λ N-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS174	Smy2(65-232) tethering vector	pPGK1::Smy2(65-232)- λ N-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study

pKS176	Jsn1(144-295) tethering vector	pPGK1::Jsn1(144-295)-λN-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS177	Cdc48 tethering vector	pPGK1::CDC48-λN-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS179	Yap1801 tethering vector	pPGK1::YAP1801-λN-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS180	Sbp1 tethering vector	pPGK1::SBP1-λN-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS182	Sro9 tethering vector	pPGK1::SRO9-λN-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS183	Gta1 tethering vector	pPGK1::GTA1-λN-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS190	<i>Gta1Δ603-767</i> tethering vector	pPGK1::Gta1Δ603-767-λN-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS192	Sro9-3xFLAG tethering vector	pPGK1::SRO9-3xFLAG-λN-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS193	Sro9(1-151)-3xFLAG tethering vector	pPGK1::SRO9(1-151)-3xFLAG-λN-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS194	Sro9(1-251)-3xFLAG tethering vector	pPGK1::SRO9(1-251)-3xFLAG-λN-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS196	Halo-3xFLAG tethering vector	pPGK1::Halo-3xFLAG-λN-T2A*-1xFLAG-BFP-NES::tADH1 pAgTEF::SpHIS5::tAgTEF ARS/CEN	This study
pKS207	Gta1 inducible vector	pGAL1::GTA1-λN-T2A*-1xFLAG-BFP-NES::tADH1	This study
pKS208	<i>Gta1Δ603-767</i> inducible vector	pGAL1::Gta1Δ603-767-λN-T2A*-1xFLAG-BFP-NES::tADH1	This study
pKS232	Halo inducible vector	pGAL1::Halo-λN-T2A*-1xFLAG-BFP-NES::tADH1	This study
pNTI282	YFP-boxB vector	pCMV::eGFP::5xboxB::poly(A) BGH	This study
pNTI473	RFP-PP7 vector	pPGK1::mCherry::3xPP7::tADH1	This study
pHES795	ZIF268 synthetic transcription factor	Zif268 DBD-hPR LBD-MSN2 AD	91

	vector		
pHES840	pGAL1 inducible promoter vector	pGAL1::YFP	91
pCfB2189	Leu ⁺ vector	KILEU2 at integration site X-3	92
pCfB2225	Kan ⁺ vector	KanMX at integration site XII-2	92
pCfB2337	Hygromycin ⁺ vector	HphMX at integration site XII-5	92
pNTI114	YFP::boxB integration vector	CCR5_3'HR:P_CMV::eGFP::polyA_BGH:CCR5_5'HR	This Study
pNTI252	RFP::boxB integration vector	pFA6a P(PGKI)::mCherry:boxB::T(ADH1) CaURA3 URA3int	This Study
pNTI473	RFP::PP7 integration vector	pFA6a P(PGK1)::mCherry:pp7(x3):T(ADH1) CaURA3 URA3int	This Study
pNTI476	YFP::PP7 vector	pFA6a P(PGK1)::YFP:pp7:T(ADH1) CaURA3 URA3int	This Study
pNTI729	ZIF268 synthetic transcription factor integratable vector	pADH1::ZIF268::C.albicans tADH1 at site XII-6	93

Supplementary Table 2: Strains used in this study.

Name	Genotype	Purpose	Source
NIY106	MAT α his3 Δ 1 leu2 Δ 0 lys2 Δ 0 MET15 pPGKI::mCherry:boxB:CaUra3	RFP::boxB haploid strain	This study
NIY111	MAT α his3 Δ 1 leu2 Δ LYS2 met15 Δ ura3 Δ 0	BY4741 MAT α WT yeast	ThermoFisher
NIY112	MAT α his3 Δ leu2 Δ 0 lys2 Δ 0 MET15 ura3 Δ 0	BY4742 MAT α WT yeast	ThermoFisher
NIY114	MAT α his3 Δ 1 leu2 Δ LYS2 met15 Δ pPGKI::YFP:boxB:CaUra3	YFP::boxB haploid strain	This study
NIY286	MAT α his3 Δ 1 leu2 Δ 0 lys2 Δ 0 MET15 pPGKI::mCherry:PP7:CaUra3	RFP::PP7 haploid strain	This study

NIY287	MAT α his3 Δ 1 leu2 Δ LYS2 met15 Δ pPGKI::YFP:pp7:CaUra3	YFP::PP7 haploid strain	This Study
NIY289	MAT α /MAT α his3 Δ 1/his3 Δ 1 leu2 Δ 0/leu2 Δ 0 lys2 Δ 0/LYS2 MET15/met15 Δ pPGKI::mCherry:boxB:CaUra3/pPGKI:: YFP:pp7:CaUra3	YFP::PP7/RFP::boxB dual reporter strain	This Study
NIY293	MAT α /MAT α his3 Δ 1/his3 Δ 1 leu2 Δ 0/leu2 Δ 0 lys2 Δ 0/LYS2 MET15/met15 Δ pPGKI::mCherry:pp7:CaUra3/pPGKI::Y FP:boxB:CaUra3	YFP::boxB/RFP::PP7 dual reporter strain	This study
yKS090	MAT α /MAT α his3 Δ 1/his3 Δ 1 leu2 Δ 0/leu2 Δ 0 lys2 Δ 0/LYS2 MET15/met15 Δ HygR pPGKI::mCherry:pp7:CaUra3/pPGKI::Y FP:boxB:CaUra3 pADH1::ZIF268::tADH1	Dual reporter strain NIY293 with ZIF268 synthetic transcription factor integrated at XII-5 site	This study
yKS092	MAT α /MAT α his3 Δ 1/his3 Δ 1 LEU2/leu2 Δ 0 lys2 Δ 0/LYS2 MET15/met15 Δ <i>ubx2Δ</i> /UBX2 KanR pPGKI::mCherry:pp7:CaUra3/pPGKI::Y FP:boxB:CaUra3	Dual reporter with 1 copy <i>ubx2Δ</i> , 1 copy UXB2	This Study
yKS093	MAT α /MAT α his3 Δ 1/his3 Δ 1 LEU2/leu2 Δ 0 lys2 Δ 0/LYS2 MET15/met15 Δ <i>ubx2Δ/ubx2Δ</i> KanR pPGKI::mCherry:pp7:CaUra3/pPGKI::Y FP:boxB:CaUra3	Dual reporter <i>ubx2Δ</i> strain	This study
yKS094	MAT α /MAT α his3 Δ 1/his3 Δ 1 LEU2/leu2 Δ 0 lys2 Δ 0/LYS2 MET15/met15 Δ <i>ubx2Δ/ubx2Δubx</i> KanR pPGKI::mCherry:pp7:CaUra3/pPGKI::Y FP:boxB:CaUra3	Dual reporter <i>ubx2Δc</i> (no UBX domain) strain	This Study

Supplementary Table 3: Oligonucleotides used in this study.

Name	Purpose	Sequence	Source
NI-AM-163	<i>mCherry</i> qPCR	CATGGTCTTCTTCTGCATTACG	This study
NI-AM-164	<i>mCherry</i> qPCR	GACTACTTGAAGCTGTCCTTC	This study
NI-AM-161	<i>Citrine</i> qPCR	GTCAGCCATGATGTAAACATTGTG	This study

NI-AM-162	<i>Citrine</i> qPCR	GACGGTAACTACAAGACCAGA	This study
KS917	<i>GTA1</i> qPCR	CCAGGAGGACTTACACGATGTG	This study
KS918	<i>GTA1</i> qPCR	GATATTGGATTTCAAGGATTTCCGC	This study
KS765	<i>UBC6</i> qPCR	CCAGTGATGAAGCCACGACAGG	This study
NI-AM-229	<i>UBC6</i> qPCR	AAAGGGTCTTCTGTTTCATCACCTGTATTT GC	This study
KS877	<i>ubx2Δ::kanMX</i>	CCAGAAGAGATGAAGGTGATATATAGGTA GACAGtaggtctagagatctgttagcttgc	This study
KS878	<i>ubx2Δ::kanMX</i>	TTGTACGCGTTTGTGCGTTTTTAACGATATG CTATTTTAattaagggttctcgagagctcg	This study
KS879	<i>ubx2Δ::kanMX</i>	GGGCTTCGAGCGCGACAATTGGTGGGTGG TGGCCAGAAGAGATGAAGGTGATATATA GG	This study
KS880	<i>ubx2Δ::kanMX</i>	ACGAAAAATGAAAAAAAAGTAAACTCCAG AAACTCTTTGTACGCGTTTGTGCGTTTTTAAC	This study
KS881	<i>ubx2Δ::KILEU2</i>	CGATAGAAGTATGTAATAGCTTTCATAGTG TAATCGAAGGATCCGCAGGCTAACCGGAA C	This study
KS882	<i>ubx2Δ::KILEU2</i>	ATTTGGCCATAGCTGGGGCACTTGGTCCAC CGAACCATTCAAATTGAACAGAGAAGTCA G	This study

KS883	<i>ubx2Δ::KILEU2</i>	AGACAGTGTATTTTGTAGCAGCAGGTATTA CGATAGAAGTATGTAATAGCTTTCATAGTG	This study
KS884	<i>ubx2Δ::KILEU2</i>	TCTTCATCTTCTTCATCCAGTGCTTCCACTA GAAGACTGCCATTTGGCCATAGCTGGGGC	This study
KS838	<i>ubx2Δc::KILEU2</i>	CACGCTCAGGATTTGAAATTAAACTCAACT GCTCGGTAAGGCGCGCCACTTCTAAATAA G	This study
KS839	<i>ubx2Δc::KILEU2</i>	CTCATCGATGCAAGCCTTTAACCATTTTAA TTGACCATTCAAATTGAACAGAGAAGTCA G	This study
KS840	<i>ubx2Δc::KILEU2</i>	AATCAAAGCTATAGAAAAGGAAAAGAGCT TGAAACACGCTCAGGATTTGAAATTAAACT C	This study
KS841	<i>ubx2Δc::KILEU2</i>	GAGTAGCTTGCTTCCCCGTTGTCTCGAACG GCTGTATCTCATCGATGCAAGCCTTTAACC	This study
KS842	<i>ubx2Δc::KILEU2</i> check	CGTGGTGGAAAAGTACACTCCAG	This study
KS843	<i>ubx2Δc::KILEU2</i> check	CCTGAGAAAGCAACCTGACCTAC	This study
KS844	<i>ubx2Δc::KILEU2</i> check	CCGCGAGGTATATGTGACACCC	This study