Table S1. Yeast Strains, Expression Plasmids and Primers

yeast strains	**Description**	**Source/reference**
BY4741	MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0	Open Biosystems
met22Δ	met22::kanMX4 in BY4741 background	Open Biosystems
xrn1Δ	xrn1:: kanMX4 in BY4741 background	Open Biosystems
gcn4Δ	gcn4:: kanMX4 in BY4741 background	Open Biosystems
met22Δxrn1Δ	xrn1:: kanMX4, met22::hphNT1	This study
Gals-met22	Met22 promoter to GALS with kanMX4 in BY4741 background	This study
Plasmids	**Description**	**Source/reference**
pGADT7	LEU2 vector	Clontech
pGAD-His92/CUP1	His tagged CNV p92 under control of CUP1 promoter in LEU2 vector.	[1,2]
pGBK-His33/CUP1	His tagged CNV p33 under control of CUP1 promoter in HIS3 vector	[3]
pGBK-His33/DI72/CUP1	Coexpressing His tagged CNV p33 form ADH1 promoter and Di72 RNA from CUP1 promoter in HIS3 vector	[1,2]
pYC2-Di72	Di72 under GAL1 promoter in URA3 vector	[4]
pYC2-Di-AU-FP	DiAU under GAL1 promoter in URA3 vector	[5]
pYES2/NT	URA3 vector with GAL1 promoter	Invitrogen
pYES-Met22	6xHis N-tagged Met22 under contol of GAL1 promoter in URA3 vector	This study
pYES-MetA	His N-tagged Met22 with mutation in signature1 AA144-146	This study
pYES-MetB	His N-tagged Met22 with mutation in N-terminus AA25-30	This study
pYES-MetC	His N-tagged Met22 deletion of C-terminus at D311	This study
pYES-MetD	His N-tagged Met22 deletion of C-terminus at I292	This study
pYES-AHL*At*	His N-tagged AHL*At* under contol of GAL1 promoter in URA3 vector	This study
pFA6-hphNT1	PCR template for hphNT1 selection	[6]
pYM-N30	PCR template for GALS promoter and kanMX4 selection	[6]
pUC-CNV	CNV with T7 promoter	[7]
pTRV1	VIGS vector	[8]
pTRV2	VIGS vector	[8]
pTRV2-NbXRN4	405 bp NbXRN4 cDNA in VIGS vector	[9]
pTRV2-NbAHL	413 bp NbAHL cDNA in VIGS vector	This study
pTRV2-NbSAL1	347 bps of putative biphosphat nucleotidase from Nb	This study
pTRV2-NbFRY1	425 bps of nucleotidase similar to SAL2 from Nb	This study
pGD-CNV	CNV under control of 35S promoter	[1]
pGD-DiAU	DiAU under control of 35S promoter	[1]
pGD-ΔRI	Di-ΔRI under control of 35S promoter	[1]
Primers	**Description/Plasmid**	
15 GTAATACGACTCACTATAGGGCATGTCGCTTGTTTGTTGG		T7/TBSV/RI/R
17 GTAATACGACTCACTATAGGAGAAACGGGAAGCTCGC		T7 Di72/RII/F
20 GGAAATTCTCCAGGATTTCTC		CNV/RI/F
22 GTAATACGACTCACTATAGGGCTGCATTTCTGCAATGTTCC		T7 probe CNV/R
157 GGGCTGCATTTCTGCAATGTTCC		TBSV1776/R
312 GCTGTCAGTCTAGTGGA		CNV/RIV/F
359 GTAATACGACTCACTATAGGAAATTCTCCAGGATTTC		T7/DI72/F
1660 TAATACGACTCACTATAGGAAGTTACAATTTATCCCCG		T7 probe RI CNV/R
2177 GGCGGGTACCCATGGCATTGGAAAGAGAATTATTG		pYES-Met22/F
2178 GGCGCTCGAGTTAGGCGTTTCTTGACTGAATGAC		pYES-Met22/R
2183 ATAGAATTCGATACAAGGAAAGGTACTATTCCG		pTRV2-NbXRN4*/F**
2187 ATATCTAGA TTACACCAGCCTGCCATGCAAAACGC		pTRV2-NbXRN4*/R**
2191 ATAGAATTC GATAATTCCCCTGTCACAATTGCTG		NbAHL*/F**
2192 ATATCTAGA TAATTTGGGCACCCGAGAACCCCAAG		NbAHL*/R**
2200 TAATACGACTCACTATAGG CTTTTATTTCGTTTAAAATTCCT		Met22/T7/R
2501 ATCCACGCCCTCCTACATC		hphNT1/confirmR
2581 TGTATGGTGCAGATGGAGAGAGCTCGGACACATACTGCGGCGTACGCTGCAGGTCGACGG		PromoterMet22/S1/F
2583 GTACAGCTTGAGTTGCAACCAATAATTCTCTTTCCAATGCCATCGATGAATTCTCTGTCG		Met22/S4/R
2584 GGCG GGATCC GTCGACCAAGGGGTTTTTAAGAGGTGA		pYES-MetA/F

2585 GGCGGAATTC GTCGACACTCCACTACTATTACCAAGA	pYES-MetB/F
2586 GGCG CTCGAG TTAATCTGTATGGATACCTCCAG	pYES-MetC/R
2587 GGCG CTCGAG TTAGATCTTTTCTTGGTAAGA	pYES-MetD/R
2588 GGCG GGATCC ATGGCGGTGGACTCCTTAGA	pYES-AHL*At/F*
2589 GGCG CTCGAG TCAGAGACTGGAAGATTCCC	pYES-AHL*At/R*
2590 GTAAAATATATGTTATTTAGGCGTTTCTTGACTGAATGACATCGATGAATTCGAGCTCG	∆met22/S2/R
2591 CTTGGATGGGAAGTCCAAGA	Met22/500UTR/confirm
2754 TAATACGACTCACTATAGGAAGGGTCCGCTTCCACAAGTGA	T7 probe Di72/RIV/R
2755 AGTGTAAATCTGGCATAGCATAC	Di72/RIII/F
2733 TAATACGACTCACTATAGGGAAATCTCTCACCGTTTGGAATAG	T7 probe ITSrRNA/R
2734 TGGCAAGAGCATGAGAGCTTTTACTGGGC	ITSrRNA/F
2859 TAATACGACTCACTATAGGAACCAAATCATTCATGTTGCTCTC	Tubulin*/Nb1283/T7/R
2860 TAGTGTATGTGATATCCCACCAA	Tubulin*/Nb1080/F
2932 ATAGAATTC AGCCAGGCAAAGTATGGTGCTTTGTCC	NbFRY1*(BP135480) F
2933 ATATCTAGA CATAACAATTGAAGAGCTAAAGTAATA	NbFRY1*(BP135480) R
2935 ATAGAATTC TCAAGCCATTCATTCACAGCAGGACT	NbSalI* (TA11598) F
2937 ATATCTAGA AAGGCTAGAGGAGTTCCAGCTAGCAT	NbSalI* (TA11598) R
2940 AGGAACTCTCTCTTTCTCTTCCAAGAAA	AHL1* Nt N-region F
2941 TTCCTTAGAATGGACTTGTTCAAAGG	AHL1* Nt N-region R
KanB CTGCAGCGAGGAGCCGTAAT	KanMX/confirm/R

*DNA sequences are derived from blast searches using the sequences of *Arabidopis thaliana* genes in the *Solanaceae Genomics Resource* mRNAs (J.Craig Venter Institute database).

References

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