Supporting information for Li (2002) *Proc. Natl. Acad. Sci. USA*, 10.1073/pnas.252466999

Table 8. Top liquid-association pairs (LAPs) of AVT4 (YNL101W)

Top 10 positive LAPs scouted by AVT4	Top 11-20 positive LAPs scouted by AVT4	Top 10 negative LAPs scouted by AVT4	Top 11-20 negative LAPs scouted by AVT4
RPD3	IMP4	AUT7	YKL091C
TIF5	RPD3	CLC1	YNL100W
PDX1	PDX1	YPT52	PDX1
YOR146W	YLR002C	GSY1	YKL091C
RMT2	YIL088C	AUT7	SDS24
PDX1	NIP7	YNL100W	YDR199W
PDX1	MAK5	SRV2	YLR149C
NOP2	PDX1	GLC3	PUP1
YBR267W	HRT2	AUT7	AUT7
PDX1	YNL114C	GLO1	SRV2
RPD3	YIL088C	YGL161C	RPT6
YOR146W	YNL114C	PRE6	AYR1
PDX1	PDX1	AUT7	ARC19
YNL022C	IMP4	YPL087W	YNL100W
YMR134W	RRP3	AUT7	PDX1
YNL114C	RPD3	UBP2	YLR149C
YNL022C	PRE6	PDX1	IKS1
RPD3	YOR146W	TPS1	RPD3
YJR071W	HRT2	CLC1	TPS1
RPD3	ALR1	YKL091C	PRE6

The newly identified role of *AVT4* in efflux of tyrosine and other large neutral amino acids helps explain the appearance of several genes involved in autophagy, protein degradation, and transport, colored in red, among the top 20 negative LAPs of *AVT4*. Somewhat unexpectedly, *PDX1* appears 11 times.

AUT7 ESSENTIAL FOR AUTOPHAGY
PRE6 20S PROTEASOME SUBUNIT ALPHA4
PUP1 20S PROTEASOME SUBUNIT BETA2
RPT6 26S PROTEASOME REGULATORY SUBUNIT
UBP2 UBIQUITIN SPECIFIC PROTEINASE
CLC1 CLATHRIN LIGHT CHAIN

YPT52 GTP BINDING PROTEIN OF THE RAB FAMILY
AYR1 1-ACYLDIHYDROXYACETONE PHOSPHATE REDUCTASE; localized in ER and lip particles

PDX1 PYRUVATE DEHYDROGENASE COMPLEX PROTEIN X
RPD3 HISTONE DEACETYLASE B
RRP3 REQUIRED FOR MATURATION OF THE 35S PRIMARY TRANSCRIPT
IMP4 COMPONENT OF THE U3 SMALL NUCLEOLAR RIBONUCLEOPROTEIN
HRT2 HIGH LEVEL EXPRESSION REDUCED TY3 TRANSPOSITION
MAK5 ATP DEPENDENT RNA HELICASE
NIP7 REQUIRED FOR EFFICIENT 60S RIBOSOME SUBUNIT BIOGENESIS
NOP2 NUCLEOLAR PROTEIN
RMT2 N DELTA ARGININE METHYLTRANSFERASE
TIF5 TRANSLATION INITIATION FACTOR EIF5

GSY1 UDP GLUCOSE -STARCH GLUCOSYLTRANSFERASE ISOFORM 1
GLC3 1-4-GLUCAN BRANCHING ENZYME, GLYCOGEN BRANCHING ENZYME*
TPS1 ALPHA ALPHA TREHALOSE PHOSPHATE SYNTHASE 56-kDa SUBUNIT
GLO1 GLYOXALASE I

SDS24 STRONG SIMILARITY TO HYPOTHETICAL PROTEIN YGL056C
SRV2 ADENYLATE CYCLASE ASSOCIATED PROTEIN 70 kDa
ARC19 SUBUNIT OF THE ARP2/3 COMPLEX
IKS1 IRA1-KINASE SUPPRESSOR
ALR1 DIVALENT CATION TRANSPORTER

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