Supplementar	y Table 3											
Haloperidol induced increases in proteins linked to mTORC1 signaling. In Thoreen et al. (2012) the ribosomal association of mRNAs with known TOP or established mTORC1-dependency (TOP), and suspected TOP-like sequences were measured in the presence and absence of a mTORC1 inhibitor. Those with decreased ribosomal association with inhibitor treatment (Column B), were considered mTORC1-sensitive. Here, we compared these mTORC1-sensitive mRNAs with our proteomic screen (5 hrs) and study (48 hrs) to see if any of those mRNAs were altered at the protein level following mTORC1 induction by haloperidol. Several of												
these mTORC1-se	nsitive mRNAs were increased with	h haloperidol treatment at both tim	e points. Increased or	r decreased denotes the direction of chang	e in at least 2							
detections by mas	s spectrometry unless otherwise n	oted. The term candidate refers to	those proteins that m	net low stringency candidate criteria. Their	protein							
classification is pro	ovided if the class is not one that is	s highlighted in Table 1 or Table S4	4.									
	Reported change in ribosome asociation of											
	mRNA with mTORC1											
Gene symbol	inhibitor	TOP Status	5 hr MS Screen	48 hr MS study								
Hspa8	decreased	non-TOP	increased	increased								
Vdac1	decreased	non-TOP	not detected	increased								
Mtch1	decreased	non-TOP	not detected	increased								
Clptm1	decreased	non-TOP	not detected	variable								
Ybx1	decreased	TOP-like	increased	increased								
Nme2	decreased	TOP-like	not detected	variable								
Vim	decreased	TOP-like	not detected	increased								
Glud1	decreased	TOP-like	not detected	increased, candidate level, metab	olism							
Srp72	decreased	TOP-like	not detected	decreased								
Cox7a2l	decreased	Unrecognized TOP	not detected	increased, detected once								
Eif4b	decreased	Unrecognized TOP	not detected	increased								
Qars	decreased	Unrecognized TOP	increased	increased, candidate								
Hsp90ab1	decreased	Unrecognized TOP	increased	increased								
Stx12	decreased	Unrecognized TOP	not detected	decreased								
Pabpc4	decreased	Unrecognized TOP	increased	decreased								
Cct4 (delta)	decreased	Unrecognized TOP	increased	increased, candidate								
Cct2	decreased	Unrecognized TOP	increased	not detected								
Eif2a	decreased	Unrecognized TOP	not detected	increased								
Rps/Rpl	decreased	TOP/mTORC1 dependent	increased	majority increased, some are can	didates							
Eif2	decreased less markedly	TOP/mTORC1 dependent	not detected	majority increased								
Eif3	decreased	TOP/mTORC1 dependent	majority increase	e majority increased								
EEFs	decreased	TOP/mTORC1 dependent	increased	majority increased								
PABPs	decreased	TOP/mTORC1 dependent	increased	majority increased								
Eif1	slightly decreased - unchar	TOP/mTORC1 dependent	not detected	1 increased candidate, 1 variable								
Eif4	decreased slightly	TOP/mTORC1 dependent	majority increase	majority increased, some are can	didates							
Eif5	decreased -unchanged	TOP/mTORC1 dependent	increased	increased, some are candidates								
Mrpl	decreased-unchanged	TOP/mTORC1 dependent	not detected	variable, decreased and increase	d							