

Supplemental Materials

Molecular Biology of the Cell

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Supplemental Table 1.

Effect of mVps45 depletion on levels of other proteins.

		Protein Level (% of Control Cells)	
<i>Protein</i>	<i>Random shRNA</i>	<i>mVps45 shRNA#1</i>	<i>mVps45 shRNA#2</i>
mVps45	94.6	22.1*	58.6*
GLUT4	98.8	23.9*	41.3*
TfR	96.5	103	98.4
EEA1	93.5	96.5	95.4
Sx4	92	94.3	102
Rab5	98.2	105.6	103
Sx12	92	89	94
Actin	102	95.6	108
FAS	96	98	103
C/EBP α	92	91	93
GAPDH	101	98	103
SNAP23	92	103	101
Sx6	92	82	96
Vti1b	101	93	92
VAMP3	100	105	n/d
VAMP4	100	58.7*	n/d

Levels of the proteins indicated above were examined by immunoblotting in cells infected with either random shRNA, mVps45 shRNA#1 or mVps45 shRNA#2 retrovirus as described. In these experiments, the levels of the indicated proteins were expressed as a % of the level in non infected 3T3-L1 adipocytes. Shown are the mean values of (at least) triplicate determinations for each protein. In the case of the analysis of VAMP3 and VAMP4 levels, we compared cells infected with random shRNA (set to 100%) versus cells infected with mVps45 shRNA#1 only. With the exception of GLUT4, mVps45, rabenosyn and VAMP4 (see text/Figure 2 for details and *p* values), no significant changes were observed. n/d = not determined.