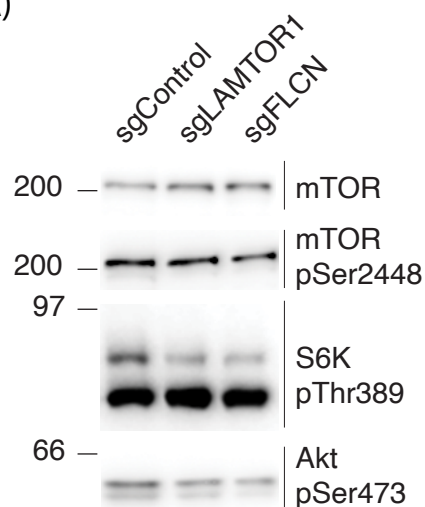
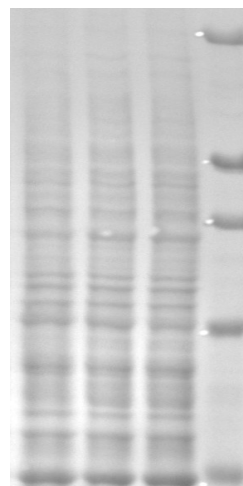


(A)

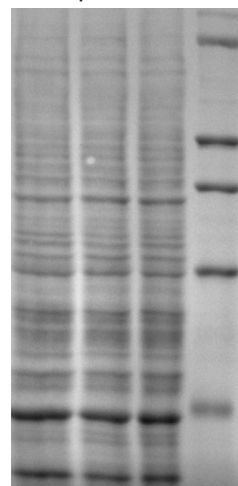


(B) total protein stain

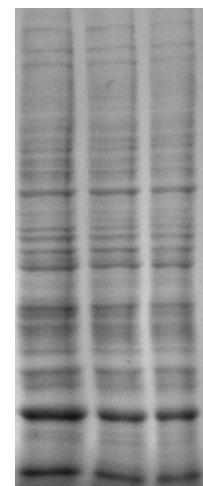
(i) blotted for S6K pThr389



(ii) blotted for mTOR pSer2448 and Akt pSer473

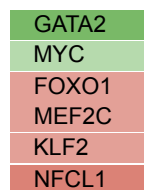


(iii) blotted for mTOR

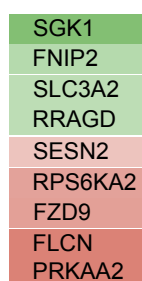
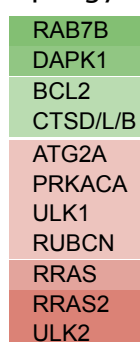


(C)

transcriptional regulation



altered mTOR pathway and inhibition of autophagy

mTOR signaling pathway
KEGG ID: HSA04150autophagy
KEGG ID: HSA04140

-4 -2 0 2 4
differential expression
 \log_2 (fold-change sgFLCN/sControl)

(D)

ribosomes
lysosomes
autophagy

neutrophil activation
neutrophil degranulation
focal adhesion & cell-substrate junctions
ficolln-1-rich granules

