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Figure 1

















D MAP1LC3B (mouse) proLC3:

MPSEKTFKQR	RSFEQRVEDV	RLIREQHPTK	IPVIIERYKG	EKQLPVLDKT
KFLVPDHVNM	SELIKIIRRR	LQLNANQAFF	LLVNGHSMVS	VSTPISEVYE
SERDEDGFLY	MVYASQETF <mark>G</mark>	TAMAV		
proLC3		GTAMAV (se	oluble)	
LC3-I:				
MPSEKTFKQR	RSFEQRVEDV	RLIREQHPTK	IPVIIERYKG	EKQLPVLDKT
KFLVPDHVNM	SELIKIIRRR	LQLNANQAFF	LLVNGHSMVS	VSTPISEVYE
SERDEDGFLY	MVYASQETF <mark>G</mark>			
LC3-I		G (soluble)		
LC3-II:				
MPSEKTFKQR	RSFEQRVEDV	RLIREQHPTK	IPVIIERYKG	EKQLPVLDKT
KFLVPDHVNM	SELIKIIRRR	LQLNANQAFF	LLVNGHSMVS	VSTPISEVYE
SERDEDGFLY	MVYASQETF <mark>G-</mark>	-PE		

LC3-II G-PE (membrane-associated)



(against N-term)





Time





























Figure 20









SD-N (h): 0 1 p-HA-Atg1-HA-Atg1 2















Figure 31





















B



Induced

Control