Emerging regulation and functions of autophagy

Patricia Boya, Fulvio Reggiori and Patrice Codogno

Nat. Cell Biol. **15,** 713–720 (2013); corrected after print 1 July 2013

In the print version of this Review, Table 2 (shown below) was mistakenly omitted. It appears correctly in the HTML and PDF versions.

Table 2 Detailed list of the *ATG* genes that have been implicated in non-autophagic pathways

Gene	Autophagy-independent pathways	References
ULK1	*Brucella* vacuole biogenesis	80
ATG3	Mitochondrial homeostasis (conjugated to Atg12)	38
ATG4B	Osteoclast bone resorption	54
ATG5	Osteoclast bone resorption; phagocytosis; IFN-α/IFN-β/IFN-γ antiviral response (conjugated to Atg12); pro-apoptotic role	54,55,77,78,84,94
Beclin 1	Phagocytosis; *Brucella* vacuole biogenesis	80,95
ATG7	Osteoclast bone resorption; phagocytosis; IFN-γ antiviral response	54,55,78,94
LC3	Osteoclast bone resorption; tuning of endoplasmic-reticulum-associated degradation; coronavirus infection	54,55,81,82
ATG12	Mitochondrial apoptosis; IFN-α/IFN-β/IFN-γ antiviral response (conjugated to Atg5); mitochondrial homeostasis (conjugated to Atg3)	38,77,78,83
ATG14	*Brucella* vacuole biogenesis	80
ATG16	IFN-γ antiviral response	78
p150	*Brucella* vacuole biogenesis	80
PtdIns3PKC3	Phagocytosis; *Brucella* vacuole biogenesis	80,94