

Supplemental Digital Content 1:

Details of the associated cellular process, Entrez gene ID, and Applied Bioscience primer/probe sequence ID of examined genes.

Process	Gene name	Entrez Gene ID	Applied Bioscience ID
Autophagy	LC3	84557	Hs01076567_g1
	p62	8878	Hs02621445_s1
	Beclin1	8678	Hs01007018_m1
	Vps34	5289	Hs00176908_m1
Mitophagy	Pink1	65018	Hs00260868_m1
	Bnip3	664	Hs00969291_m1
	Parkin	5071	Hs01038322_m1
	Bcl2	596	Hs00608023_m1
Lysosomal-mediated proteolysis	Cathepsin L	1514	Hs00964650_m1
Ubiquitin proteasome system	MAFbx	114907	Hs01041408_m1
	MuRF1	84676	Hs00822397_m1
	TRIM32	22954	Hs00705875_s1
NFkB signaling	IkB α	4792	Hs00355671_g1
	NFkB1 (p50)	4790	Hs00765730_m1
	relA	5970	Hs01042014_m1
	IkB β	3551	Hs01559460_m1
Atrophy related transcription factor	FoxO1	2308	Hs00231106_m1
	FoxO3	2309	Hs00818121_m1