



S4 Fig. Effect of TBC1D12 overexpression on starvation-induced autophagy in MEF cells. (A) Overexpression of TBC1D12 did not affect LC3 dot numbers under starved conditions. MEFs transiently expressing EGFP alone (control) or EGFP-TBC1D12 were fixed after incubation for 2 h in EBSS. The cells were immunostained with anti-LC3 antibody (1/250 dilution) and examined with a confocal fluorescence microscope. Scale bars, 40 μ m. (B) The mean numbers of LC3-positive dots per cell in (A) are shown. Error bars indicate the SEMs of data from $n = 24$ (control) and $n = 19$ (EGFP-TBC1D12). NS, not significant.