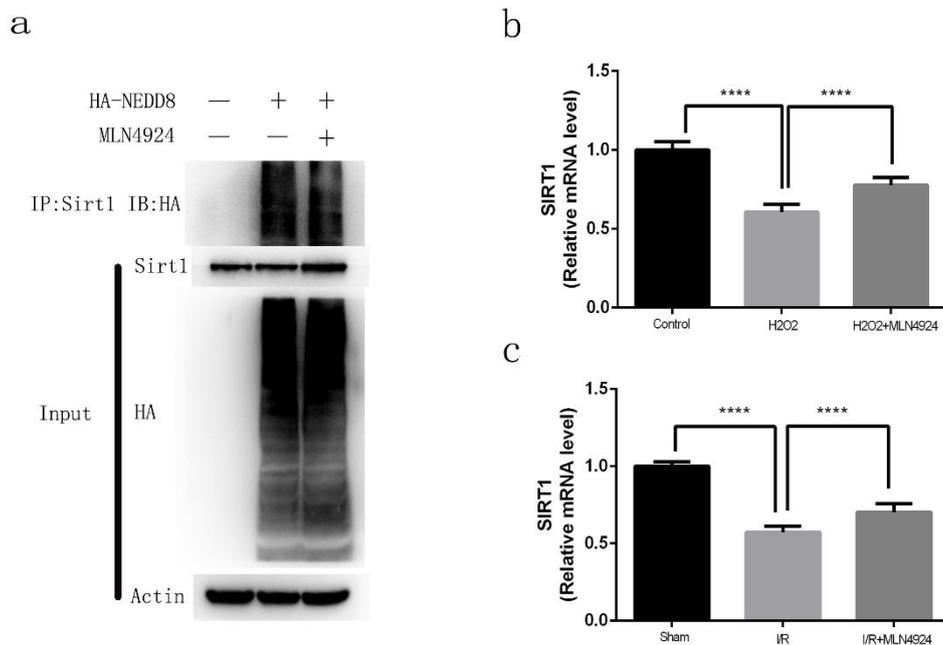


**Supplementary figure 1. Sirt1 neddylation detection and quantification analysis of Sirt1 mRNA expression**



**Supplementary figure 1. Sirt1 neddylation detection and quantification analysis of Sirt1 mRNA expression.** (a) Sirt1 neddylation in SH-SY5Y cells after NEDD8 overexpression treated with or without MLN4924. (b) Quantification analysis of Sirt1 mRNA expression in SH-SY5Y cells treated with or without H<sub>2</sub>O<sub>2</sub>/MLN4924. (c) Quantification analysis of Sirt1 mRNA expression in spinal cord of rats treated with or without MLN4924 after SCIR injury. N=6. \*\*\*\* $P < 0.0001$ .  $P$ -values were analyzed by one-way ANOVA.