## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

**Description**: Upstream regulator analysis of RNA-Seq data in Brusatol-treated LCL1 cells by using Ingenuity Pathway Analysis (IPA) program (Excel file).

File Name: Supplementary Data 2

**Description**: Mass spectrometry data of three biotin-conjugated Brusatol analogs (Excel file).

File Name: Supplementary Data 3

**Description**: The source data in this manuscript (Excel file).