

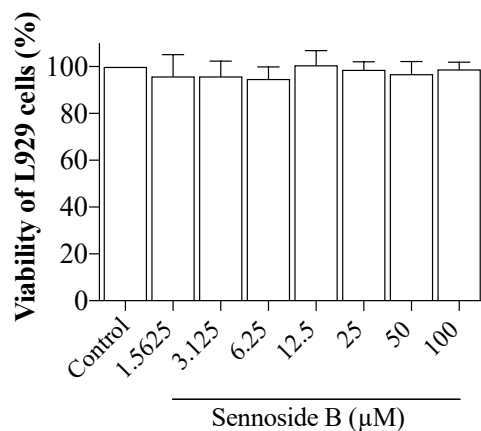
## Supplementary Materials

### A Novel competitive binding screening assay reveals sennoside B as a potent natural product inhibitor of TNF- $\alpha$

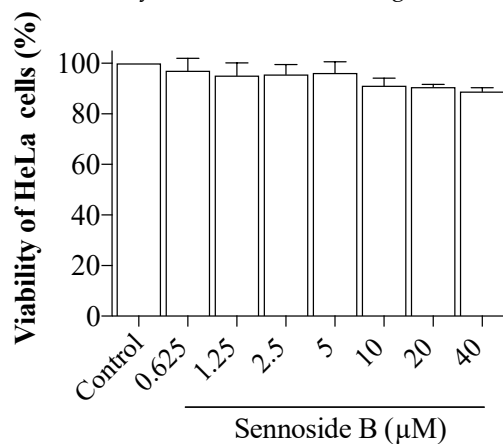
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**Figure S1.** Effects of sennoside B on the cell viability of mouse L929 cells. L929 cells were seeded in 96-well plates at a density of  $2.0 \times 10^4$  cells/well and cultured overnight. Prepared DM EM containing different concentrations of sennoside B (1.56-100  $\mu$ M) was treated to the cells. After incubating for 18 h, cell viability was measured using the CCK-8 assay.



**Figure S2.** Effects of sennoside B on the cell viability of human HeLa cells. HeLa cells were seeded in 96-well plates at a density of  $2.0 \times 10^4$  cells/well and cultured overnight. Prepared DM MEM containing different concentrations of sennoside B (0.62-40  $\mu$ M) was treated to the cells. After incubating for 18 h, cell viability was measured using the CCK-8 assay.