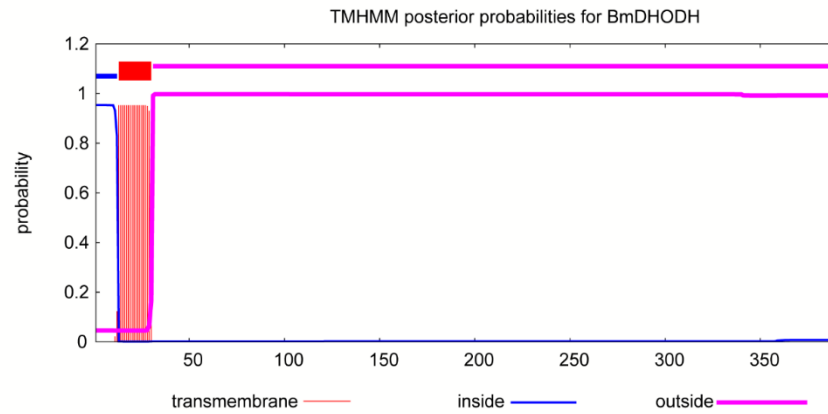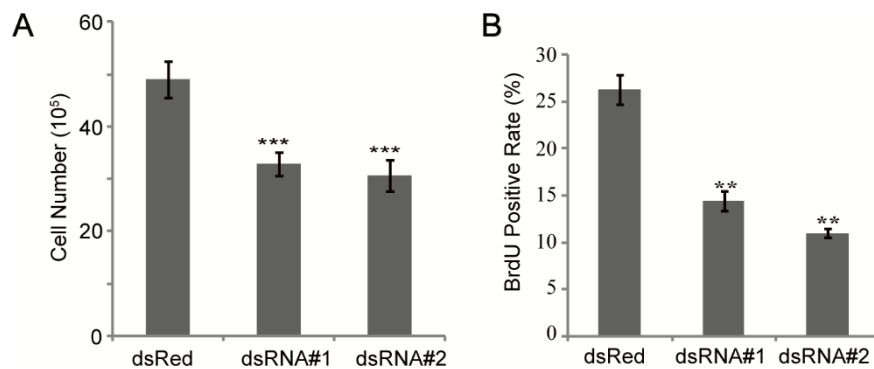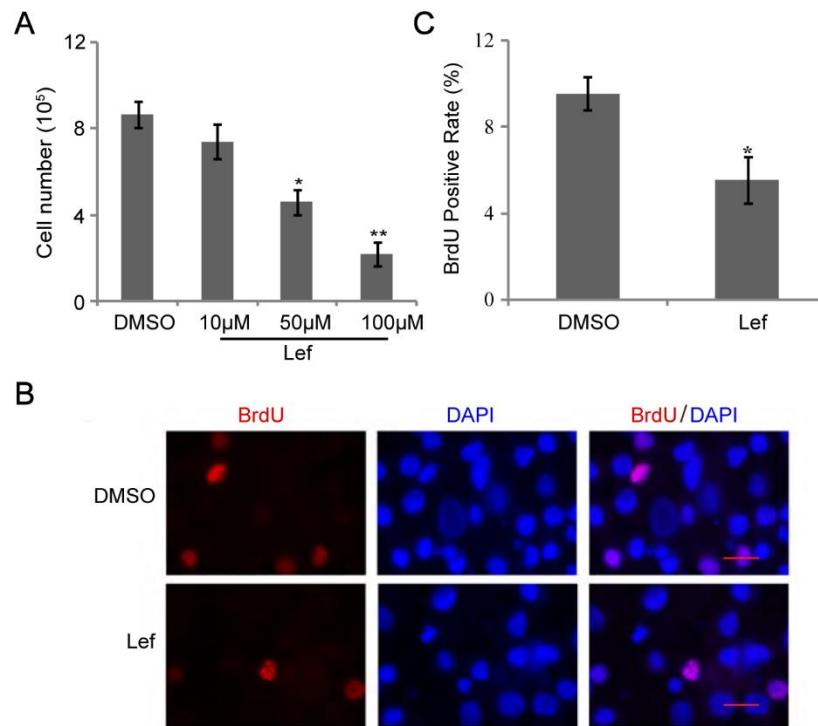# Supplementary Material

Figure S1. The transmembrane domain predication of BmDHODH.

Figure S2. (**A**) Cell number was counted after stained by trypan blue, after dsRNA interference for 48 h, and dsRed was used as a control. (**B**) Cells were grown on coverslips and after dsRNA interference for 48 h respectively, and dsRed was used as a control. BrdU-positive cells were calculated randomly at least 10 fields under microscopy. All data represent the average ± SD of at least three independent experiments. Statistical analysis was performed using the 2-tailed Student's t-test, **$p < 0.01$, ***$p < 0.001$.

Figure S3. (A) The cell number was counted after stained by trypan blue after treated with leflunomide for 96 h, DMSO was used as a control. **(B)** and **(C)** Cells were grown on coverslips and treated with either 100 μM leflunomide or DMSO for 96 h respectively. Cells were stained with an antibody against BrdU (red), counterstained with DAPI (blue), *scale bar*, 100 μm. BrdU-positive cells were calculated randomly at least 10 fields under microscopy. All data represent the average ± SD of at least three independent experiments. Statistical analysis was performed using the 2-tailed Student's t-test, *$p < 0.05$, **$p < 0.01$.