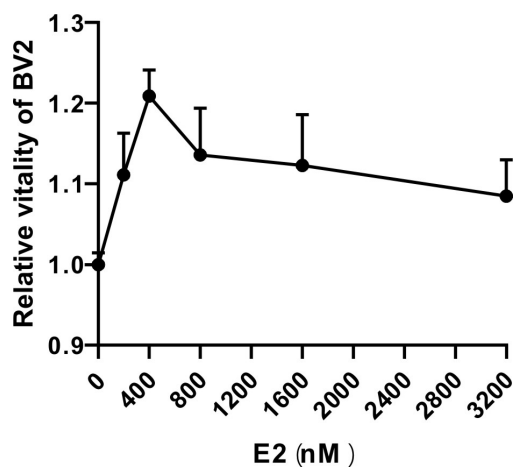


**Figure S1** The E2 in the plasma of rats. Data are presented as mean  $\pm$  SEM,  $n=5$ . All statistical tests were conducted using two-way analysis of variance (ANOVA). \*\*\*,  $P<0.001$ .



**Figure S2** The effect of E2 on BV2 cells proliferation.