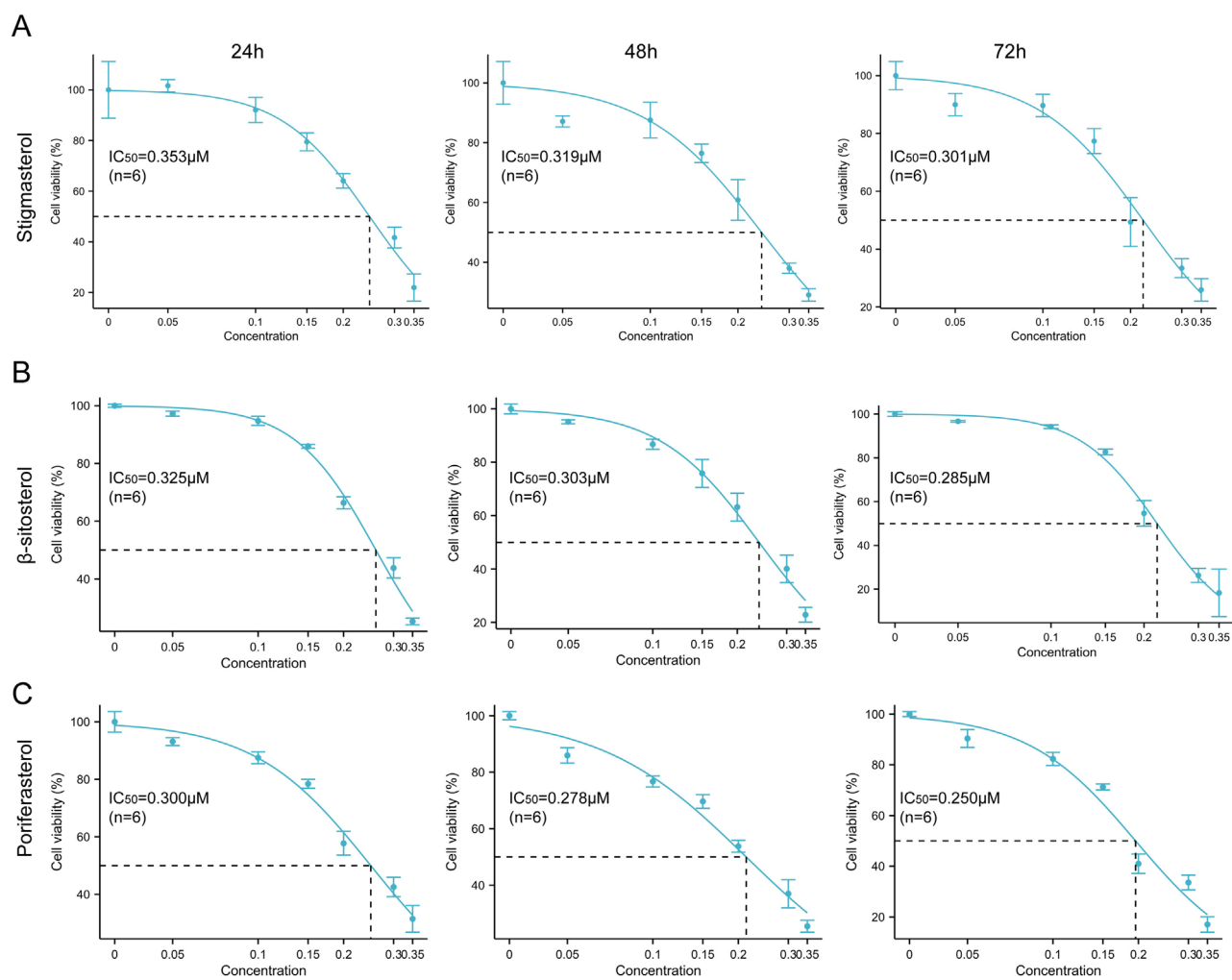


**Figure S1** The expression and ROC area of hub genes. (A) TERT and (B) MET. \*,  $P < 0.05$  and \*\*\*,  $P < 0.001$  compared with normal group).



**Figure S2** The anti-proliferative effects of active compounds for OD to PTC cells. (A) Stigmasterol, (B) β-sitosterol, and (C) poriferasterol inhibited B-CPAP cells in a dose- and time-dependent manner by CCK-8 assay.