

Fig. S1. Toxicity of 0.25% v/v tertiary-butyl alcohol (*tert*-BuOH) exposure on A375 and A375-SM melanoma cell lines. No toxicity was detected, thus indicating that this concentration of *tert*-BuOH is safe even after 72 h of exposure. Cells were cultured in cell-culture dishes containing MEM supplemented with 10% FBS, penicillin (100 U/mL) and streptomycin (100 µg/mL) at 37°C in 5% CO₂. Results are presented as the mean±SD. n=3.

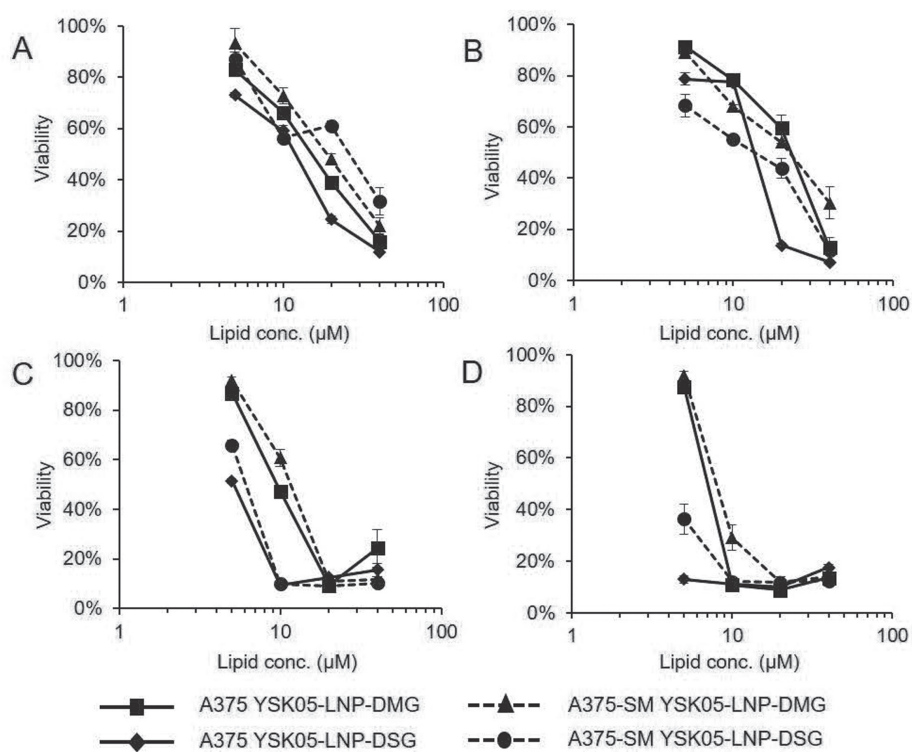


Fig. S2. WST-8 cell viability assay of A375 and A375-SM melanoma cell lines after 24 h of exposure at pH 6.8 (A) and after 24, 48 and 72 hours of exposure at pH 7.8 (B, C and D, respectively). Cells were cultured in cell-culture dishes containing MEM supplemented with 10% FBS, penicillin (100 U/mL) and streptomycin (100 μg/mL) at 37°C in 5% CO₂. MES buffer or HEPES buffer was added to the media to become final concentration of 10 mM to maintain pH of 6.8 or 7.8, respectively. Results are presented as the mean±SD. n=3.