



SUPPLEMENTARY FIG. S2. LD₅₀ of solvent extracts of soils before (SE) and after desorption to HLB (H-SE) or Tenax (T-SE) for parental DT40 cell line and its *Rad54*^{-/-} mutant. TS-d0, TS-d1, and TS-d7 represent treated soil sampled immediately after feeding, 1 and 7 days after feeding during a 7-day treatment cycle, respectively. No significant differences ($p > 0.05$) of LD₅₀ for DT40 or *Rad54*^{-/-} were observed among the solvent extracts of each sample before or after desorption to HLB or to Tenax.