



Figure S6 *smc-5;polh-1* double mutants are impaired in somatic tissues and germline after UVB irradiation.

DIC images of whole worms and magnified view of mid-body 72h after L1 stage. Synchronized worms were irradiated at L1 larval stage and maintained at 20 °C. Scale bar = 100 μ m (upper panels) and 20 μ m (lower panels). Shown are *polh-1(ok3317)* and *polh-1(ok3317);smc-5(ok2421)* mutant strains that were treated and analyzed in parallel to worms depicted in Figure 4.