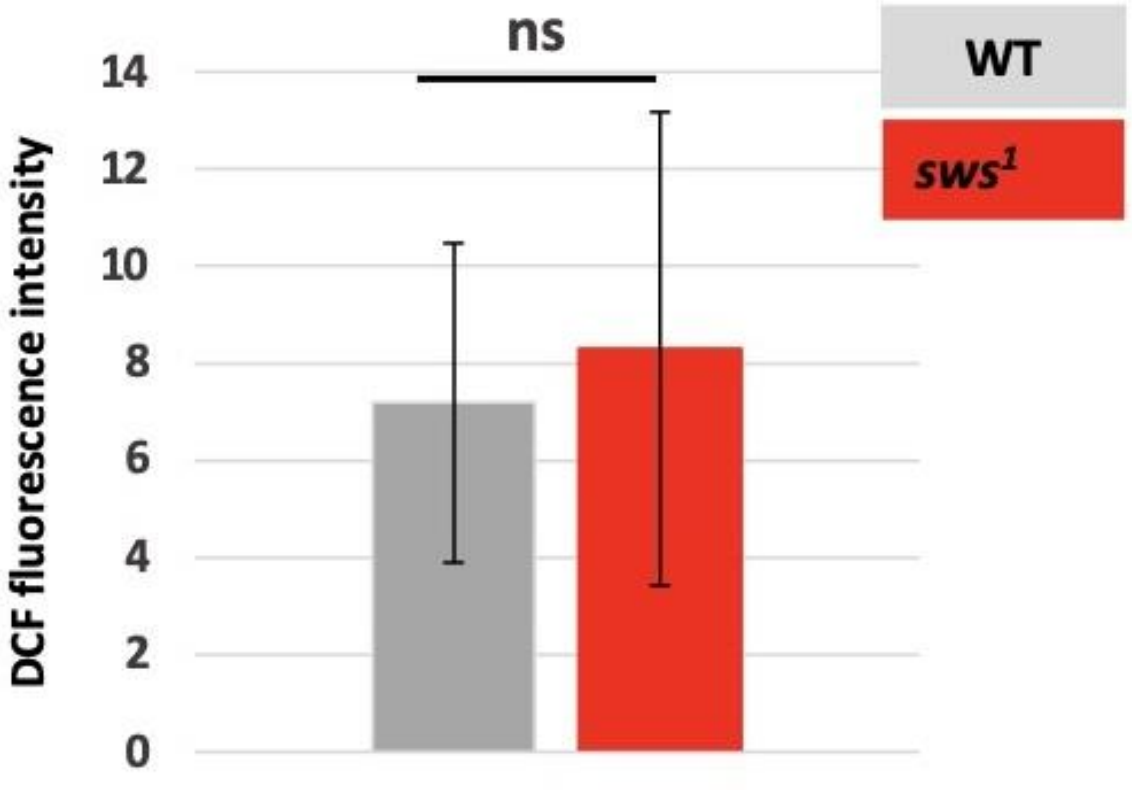


Figure S1: The level of ROS in WT and *sws*[1] midgut

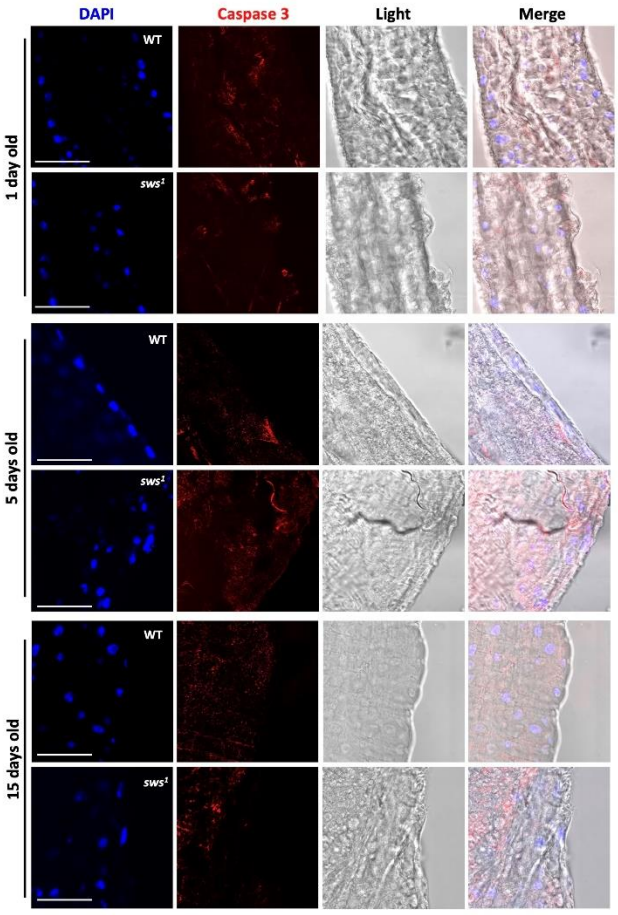


Figure S2: Analysis of apoptosis of midgut in flies of different ages. Scale bar: 25 μm

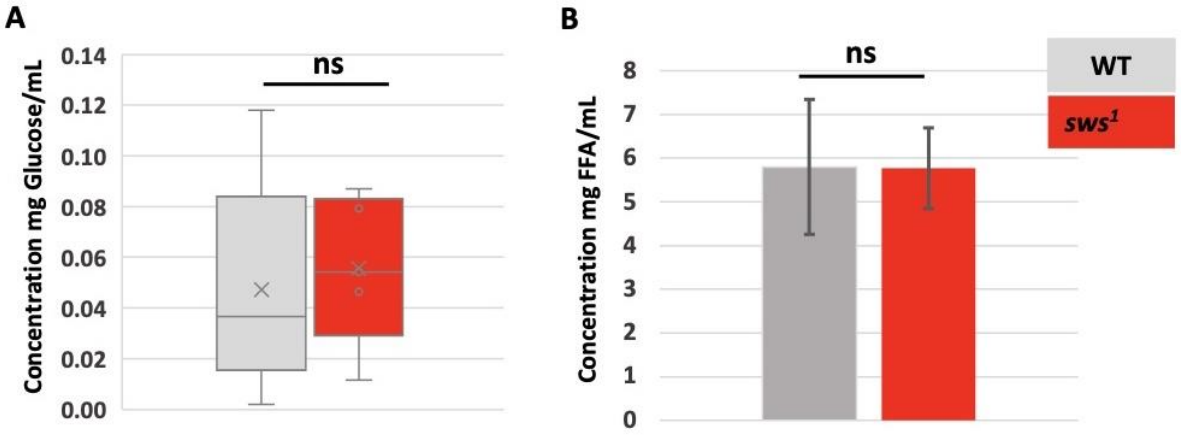


Figure S3: Concentration of glucose and FFA in WT and *sws*[1] excrements

Table S1: Generic representation of the metagenome in WT and *sws*[1] gut