

Figure S3. Larval arrest phenotype of *wts-1(of1)* which has a point mutation in the 863<sup>rd</sup> threonine residue of WTS-1. (A) Sequence alignment of the hydrophobic motifs of WTS-1 homologs. Asterisk: a putative Mst/Hpo kinase-mediated phosphorylation site, T863. *of1*: point mutation that chages 863 threonine (Thr) to isoleucine (Ile). (B) Representative images of 3 d-old larvae of *wts-1(of1)* heterozygous and *wts-1(of1)* homozygous mutants. *wts-1(of1)* homozygous mutants are arrested in the L1 stage, as were *wts-1(ok753)* mutants. Scale bars: 10 µm.