Figure S4. Improved *swsn-4* RNAi recapitulates SWI/SNF ATPase null phenotype in the sex myoblasts. (A) Single confocal z-planes depicting DIC (left) and expression of lineage-restricted CDK sensor (*unc-62p::DHB::2xmKate2*, right) in the vulva and SM cells at the P6.p 8-cell stage corresponding to the stage when wild-type SM cells differentiate and exit the cell cycle. Animals were treated with empty vector control (top) or *swsn-4*(RNAi) (bottom). All representative images in each treatment are derived from the same z-stack from the same animal in the corresponding z-plane (top-left). Average or individual C/N CDK sensor ratios are listed in the bottom-right of corresponding panels.
White arrowheads indicate individual SM cells. White brackets indicate 1° VPCs. (B) Quantification of the number of SM cells present at the P6.p 8-cell stage in control and swsn-4(RNAi) treated animals. (C) C/N CDK sensor ratios for SM cells in each treatment. Gradient scale depicts cell cycle state as determined by quantification of each AC in all treatments (n≥30 animals per treatment), with dark-black depicting differentiation into G₀/G₁ and lighter-magenta depicting G₂ cell cycle states.