Supplemental Fig 1
Supplemental Fig 1S. The change in mRNA expression of genes from cluster 1 (SMAD6 and XMAD) and cluster 2 (SDHB and ABC Tran) in the intestine of during metamorphosis. The expression of SMAD6 and XMAD peaks at metamorphosis (stage 61), while the expression of SDHB and ABC Tran is high at stage 53 and 66, with little or no expression at stage 61. At metamorphic climax, SMAD6 is expressed in the connective tissue and muscle, while XMAD is expressed exclusively in the connective tissue. SDHB is exclusively expressed in the epithelium, where its expression is high in the larval epithelium at stage 53. No expression is detected at stage 58 or 61, while the expression of SDHB returns in the adult epithelium at stage 66. ABC Tran is expressed in all tissue types at the beginning and end of metamorphosis. The bottom panel for each gene represents the negative control with a sense probe.