



Fig. S7 Conservation of differentiation regulatory program in opossum and worm. **(a)** Orthologs of differentiation genes in opossum RNASEq data (brain, heart and liver at different developmental time points). The orthologs of *Drosophila* Early and Late genes cluster separately regarding gene expression along opossum tissue development using self-organizing maps. **(b)** Orthologs of differentiation genes in worm RNASEq data (neuron, intestine, muscle, hypodermis and pharynx at different developmental time points). The orthologs of *Drosophila* Early and Late genes cluster separately regarding gene expression along worm tissue development using self-organizing maps.