



Supplemental Figure S5. Expression of group 1 and 2 genes are similar between different evolutionary gene classes, and higher than overall *C. elegans* 1:1 orthologs. Average FPKM of genes within group 1 and 2 for each evolutionary gene category. Importantly, genes in orphan and homolog groups 1 and 2 are higher than overall *C. elegans* 1:1 orthologs, despite a substantial difference in chromatin states, and overall *C. elegans* 1:1 orthologs exhibit similar chromatin state patterns to group 1 and 2 *C. elegans* 1:1 orthologs (Fig. 4C,G).