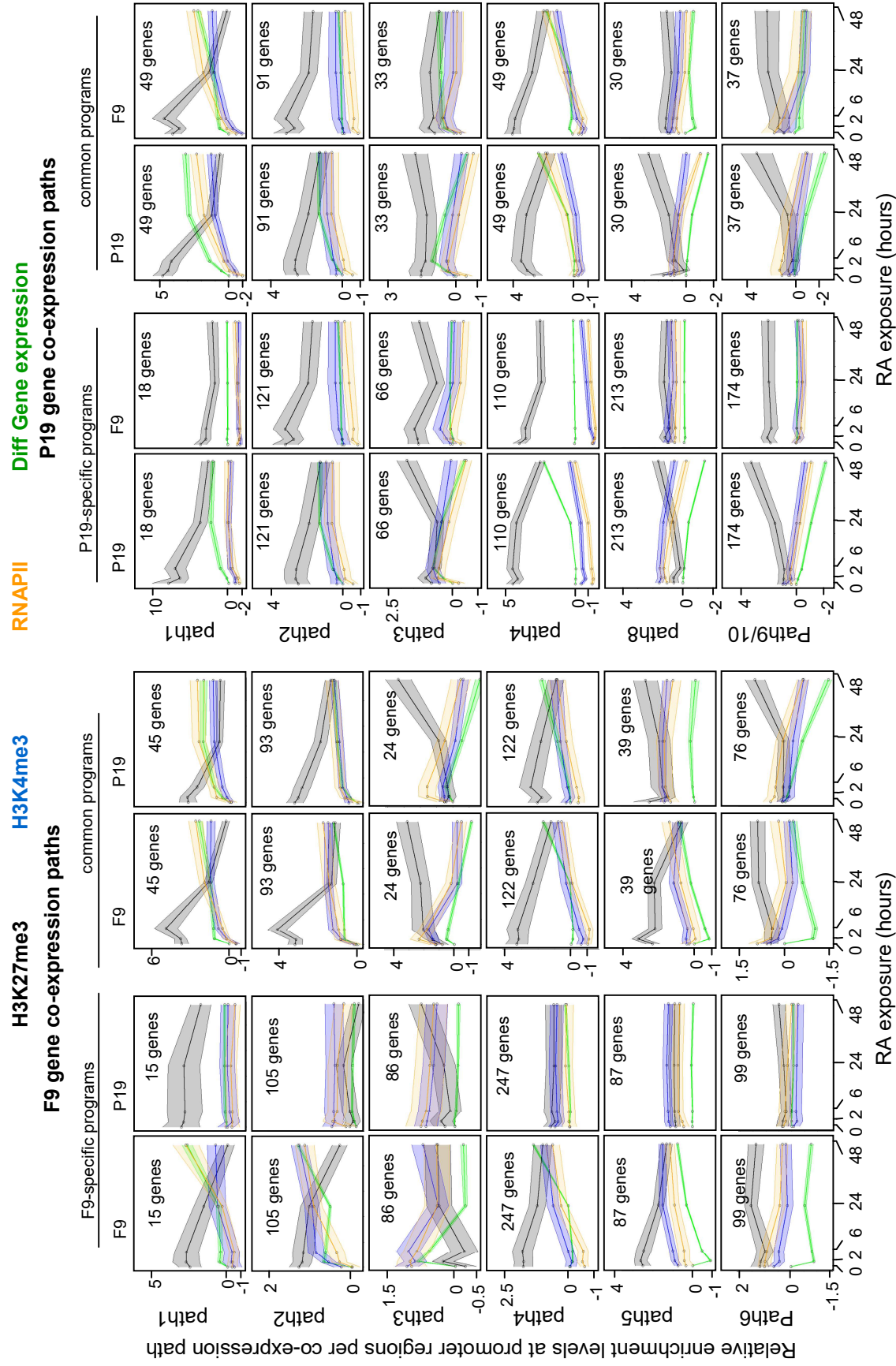




Supplemental Figure S6. Dynamics of promoter chromatin states during neuronal and endodermal cell fate acquisition. Genes of co-expression paths analyzed for the temporal enrichment at their promoters for the presence of (i) 'repressive' H3K27me3 (black), (ii) the 'active' H3K4me3 (blue) and (iii) RNA polymerase II (RNAPII; orange). Changes of mRNA levels relative to the non-induced condition are also displayed ("Diff Gene expression"; green). Depicted are the genes of each co-expression path further stratified according to their F9 or P19 specificity or their common expression in both cell types. The y-axis corresponds to the average relative enrichment level derived from the two-step normalization using Epimetheus, as described in the Supplemental Fig. S5. The color-shaded areas represent the 95% confidence interval.