

Supplementary Data 1: Enriched KEGG pathways

This table contains the enriched KEGG pathways for each DEG cluster, as determined by GeneOverlap. For each significant pathway a p-value (Fisher's exact test, Benjamini-Hochberg adjusted) and a list of overlapping genes are reported.

Supplementary Data 2: Enriched TF motifs

This table contains enriched TF motifs for each cluster, determined by RcisTarget. The 50 most significant hits are reported. NES, normalized enrichment score; AUC, area under curve; TF_direct, inferred TF binding to the specified motif; nEnrGenes, number of enriched genes; rankAtMax, ranking at the maximum enrichment, used to determine the number of enriched genes; enrichedGenes, list of enriched genes.