TFs_exclusive_a sitive regulation of transcription by RNA polymerase gative regulation of transcription by RNA polymerase cell fate commitment regulation of transcription, DNA-templated anterior/posterior pattern specification initiation from RNA polymerase II promote circadian regulation of gang expression. regulation of transcription by RNA polymerase II promot circadian regulation of gene expression regulation of transcription by RNA polymerase II negative regulation of osteoblast differentiation embryonic skeletal system morphogenesis negative regulation of chondrocyte differentiation dendrite morphogenesis positive regulation of vulval development positive regulation of interleukin–13 production forebrain dorsal/ventral pattern formation negative regulation of transcription, DNA-templated regulation of cell fate specification histone H4 deacetylation eclosion rhythm -log10(pvalue) 20 15 10 5 eclosion rhythm axon guidance sensory organ development negative regulation of granulocyte differentiation mononuclear cell differentiation genital disc anterior/posterior pattern formation positive regulation of interleukin-4 production legative regulation of alpha-beta T cell differentiation 50 Significant/Expected ratio TFs_common_ab sitive regulation of transcription by RNA polymerase gative regulation of transcription by RNA polymerase regulation of transcription by RNA polymerase II somatic stem cell population maintenance negative regulation of transcription, DNA-templated negative regulation of cell population proliferation mononuclear cell differentiation pituitary gland development regulation of transcription, DNA-templated primitive streak formation al transduction involved in regulation of gene expres in utero embryonic development dendrite morphogenesis regulation of pri-miRNA transcription by RNA polymaxon guidance regulation of pri-miRNA transcription by RNA polymaxon guidance regulation of DNA-binding transcription factor ac midgut development positive regulation of histone H3-K9 acetylation positive regulation of stem cell population maintenance negative regulation of thistone H3-K9 acetylation positive regulation of neuron differentiation cell fate determination positive regulation of neuron differentiation –log10(pvalue) 25 20 15 10 50 0 Significant/Expected ratio TFs_exclusive_b gative regulation of transcription by RNA polymerase stive regulation of transcription by RNA polymerase adult feeding behavior roof of mouth development regulation of neural retina development middle ear morphogenesis middle roof of the morphogenesis embryonic forelimb morphogenesis cornea development in camera-type eye trigeminal nerve development -log10(pvalue) face morphogenesis imaginal disc-derived leg joint morphogenesis embryonic hindlimb morphogenesis 20 15 ectoderm development inner ear morphogenesis scription from RNA polymerase II promoter involved embryonic skeletal system morphogenesis 10 adult locomótory behavior 5 embryonic digit morphogenesis embryonic viscerocranium morphogenesis muscle organ development embryonic cranial skeleton morphogenesis regulation of transcription by RNA polymerase II eyelid development in camera-type eye sympathetic nervous system development 100 150

Significant/Expected ratio



