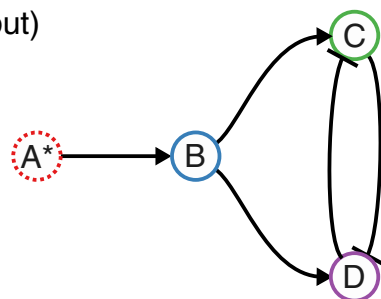
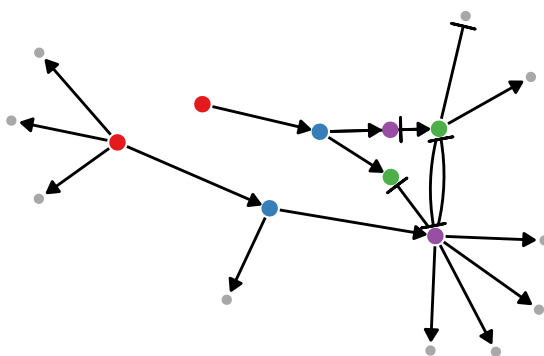
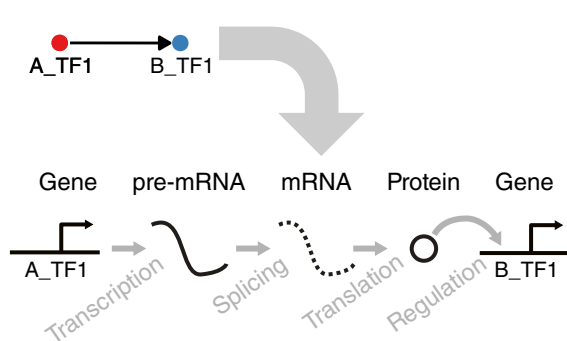
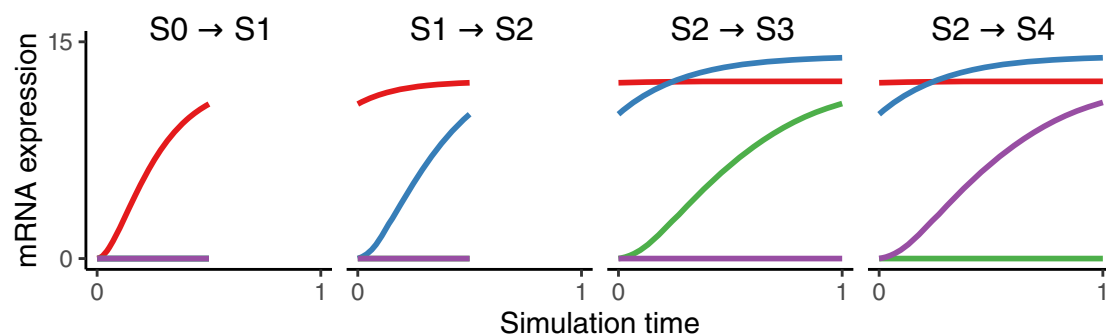
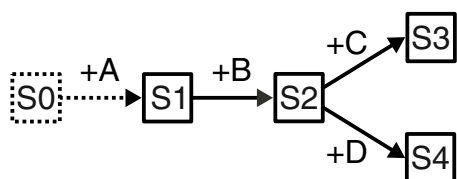
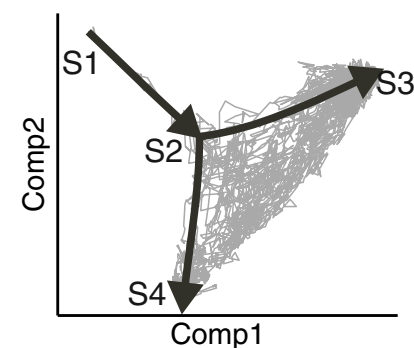
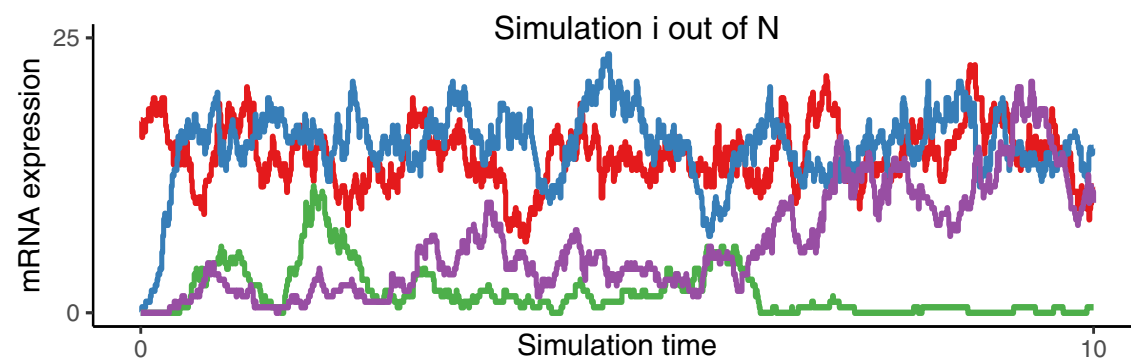


A Define module network

(Input)

**B Generate GRN****C Convert GRN to set of reactions****D Determine expression levels along ground-truth trajectory**

(Input)

**E Simulate single cells and map to ground-truth trajectory****F Emulate wet-lab experiment; sample cells and molecules**