Target gene expression profile
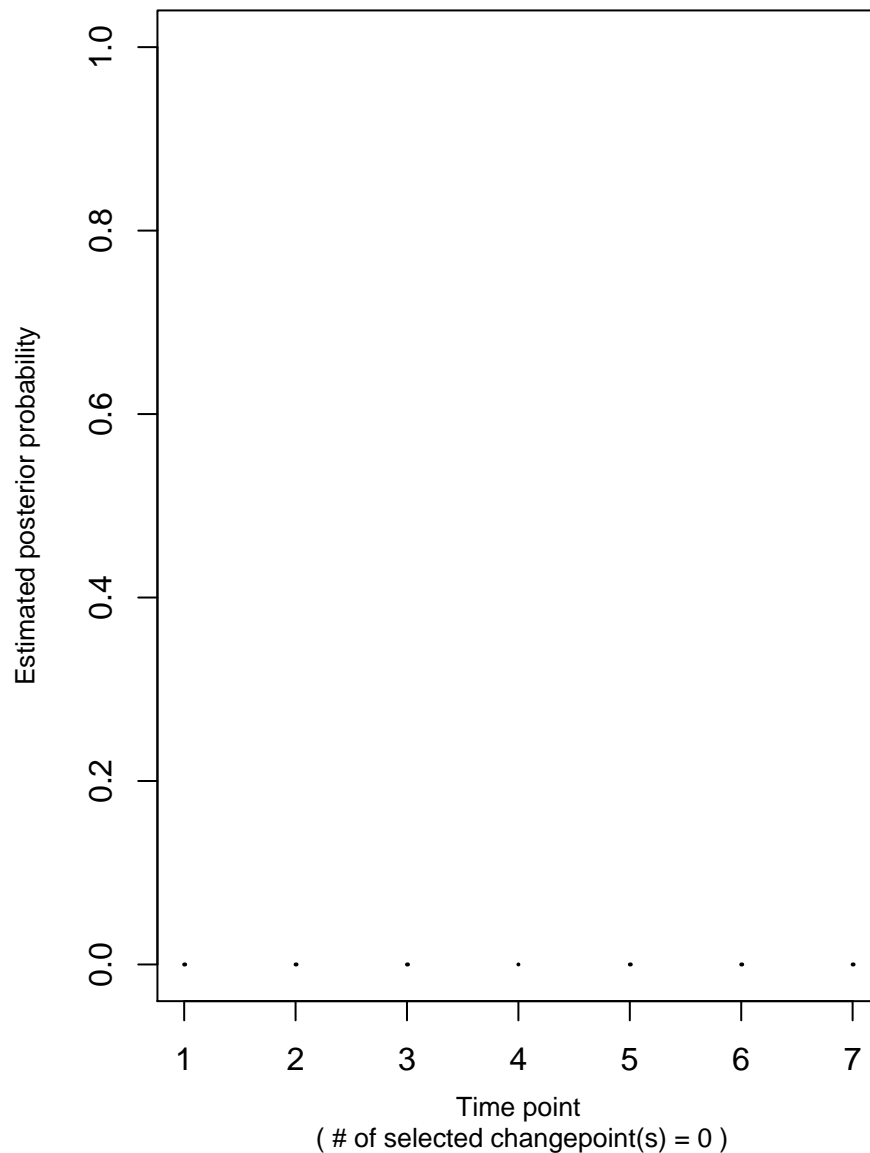
Expression value

Time point

Parent gene expression profiles

Expression value

Time point

Number of changepoint
– target gene: wee –

Changepoint position
– target gene: wee –

Estimated posterior probability

Changepoint number
(max. value = 0)

Estimated posterior probability

Time point
(# of selected changepoint(s) = 0)

Regulatory model for target gene: wee
Temporal segment # 1 : [2 , 6]

Estimated posterior probability

Parent genes
# of selected edge(s): 1
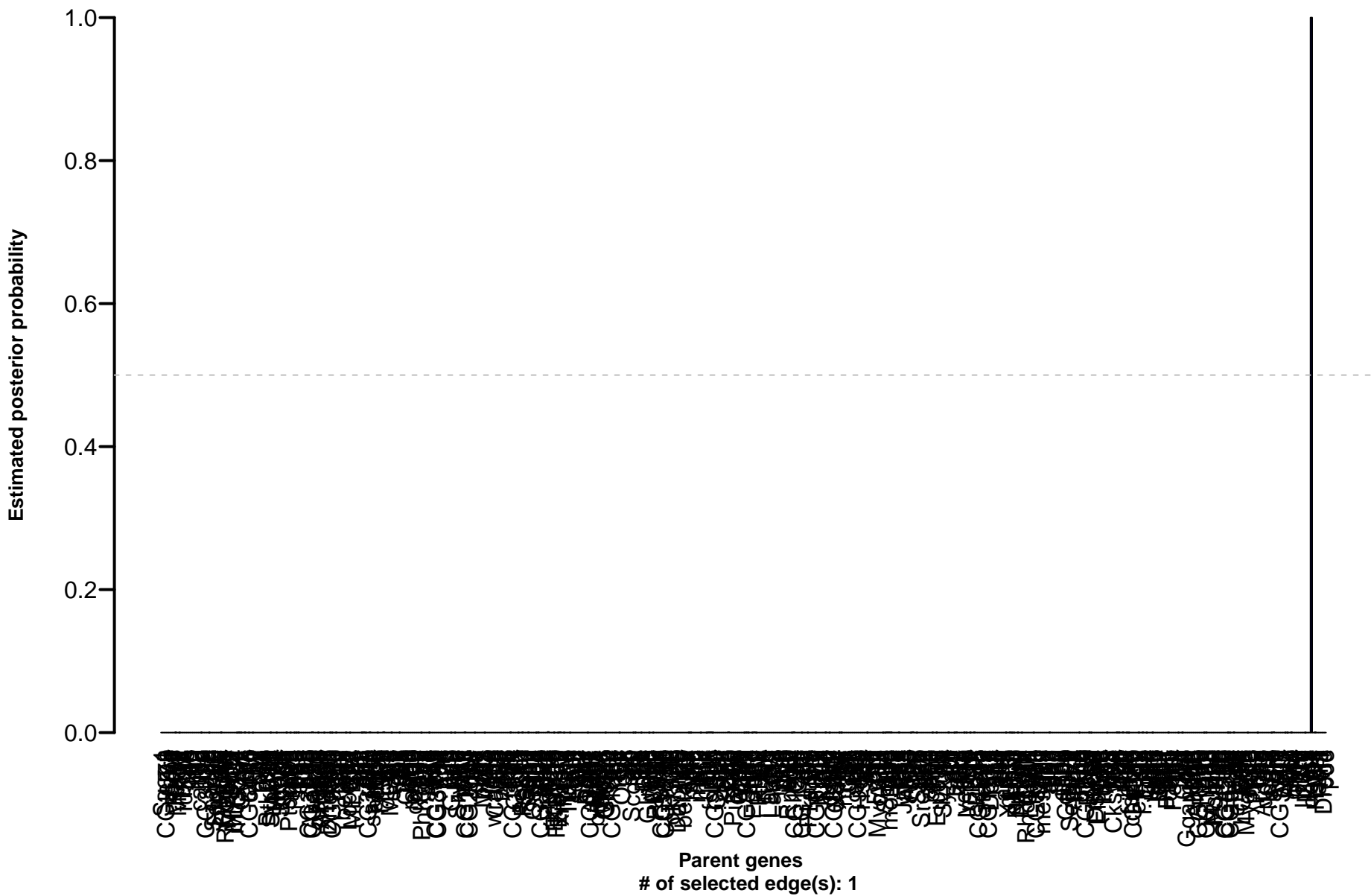
Sub−network # 1
(time point 2 to 6)

Positive interaction
Negative interaction
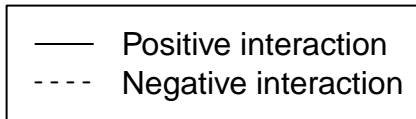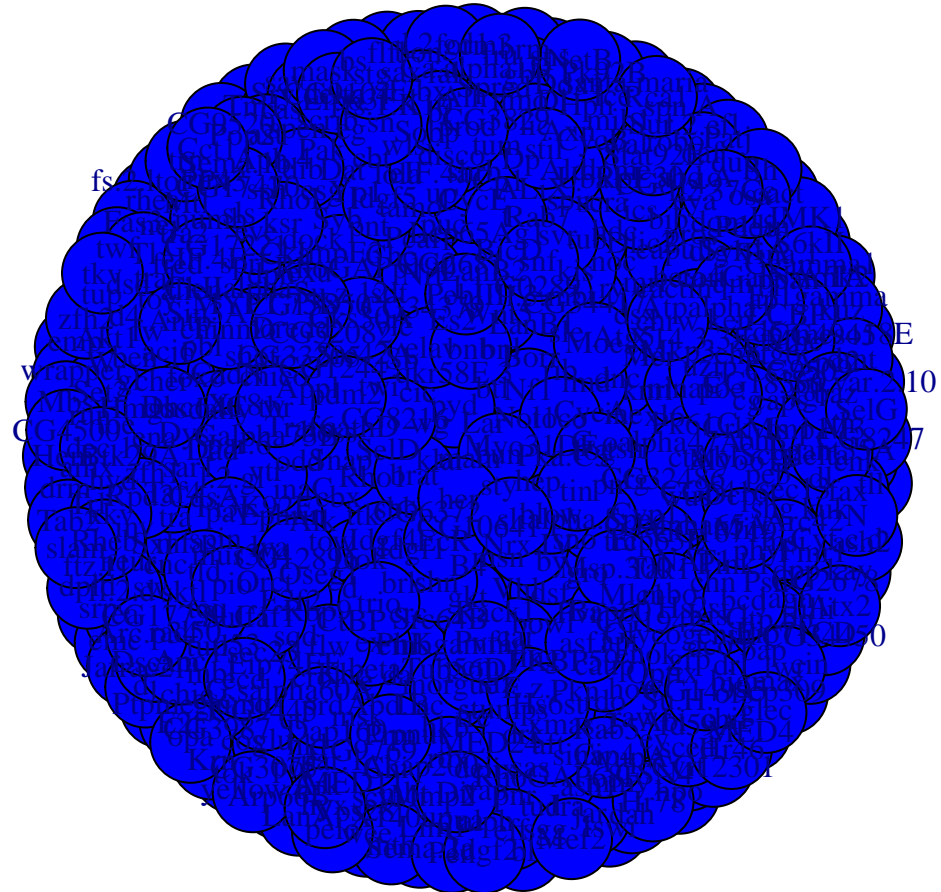
ARTIVA summary page
(interactions are arranged in order of decreasing confidence level)

parentGene	targetGene	postProb	CPstart	CPend	interactionSign
180	1	1	2	6	+