Target gene expression profile
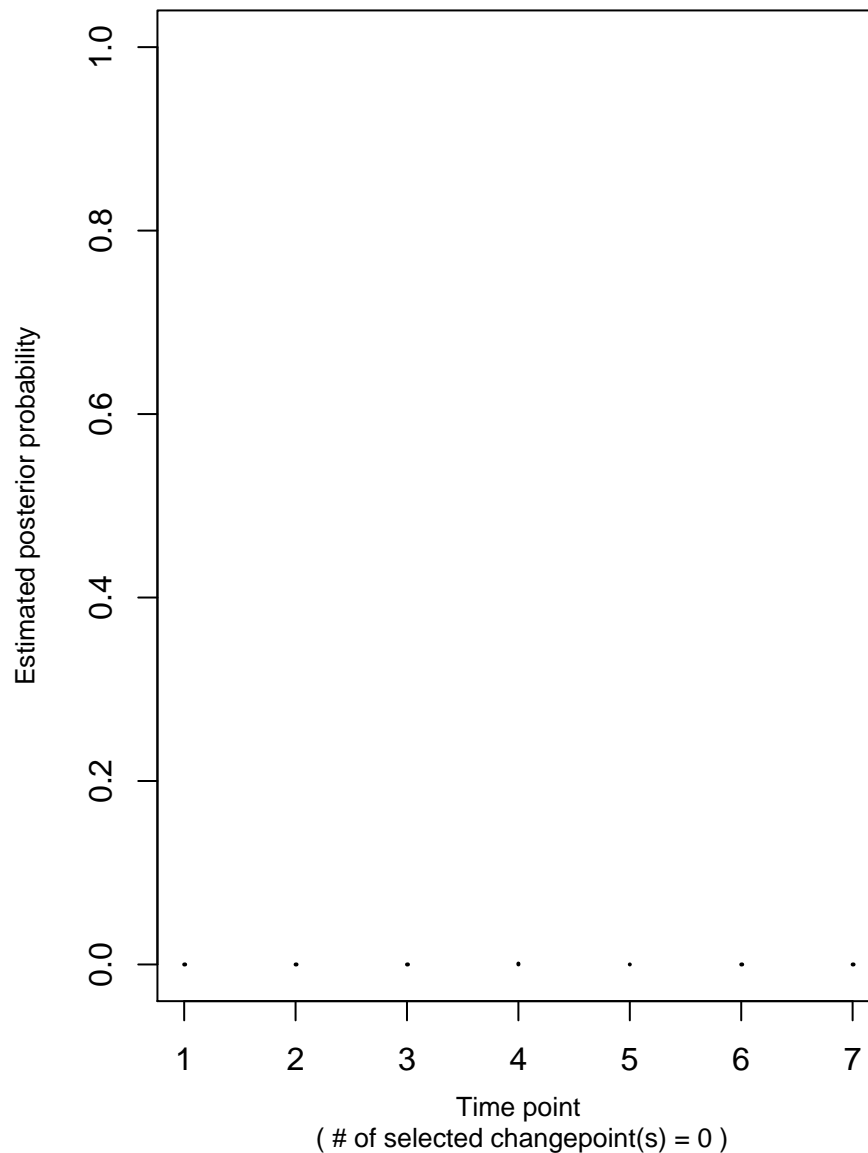
Expression value

Time point

Parent gene expression profiles

Expression value

Time point

Number of changepoint
– target gene: Dad –
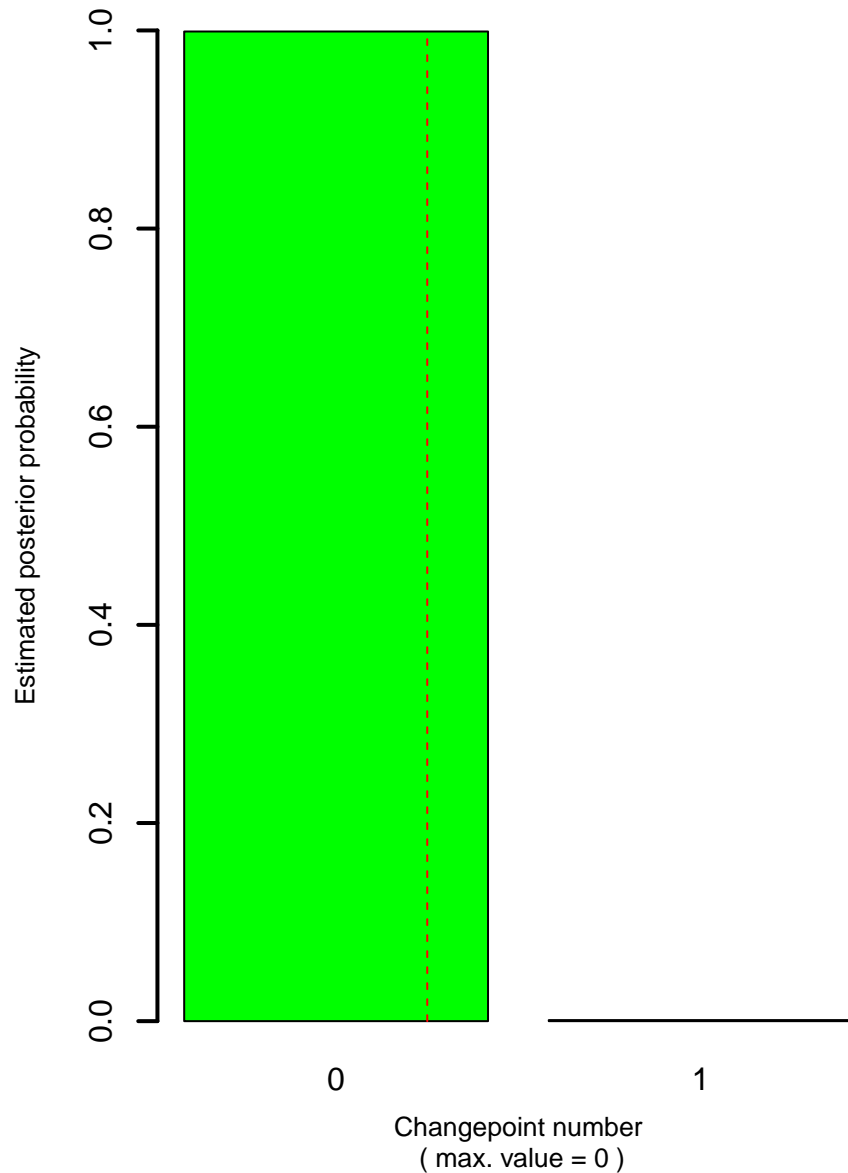
Changepoint position
– target gene: Dad –

Estimated posterior probability

Changepoint number
(max. value = 0)

Estimated posterior probability

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

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

Estimated posterior probability

1.0

0.8

0.6

0.4

0.2

0.0

Parent genes
# of selected edge(s): 3
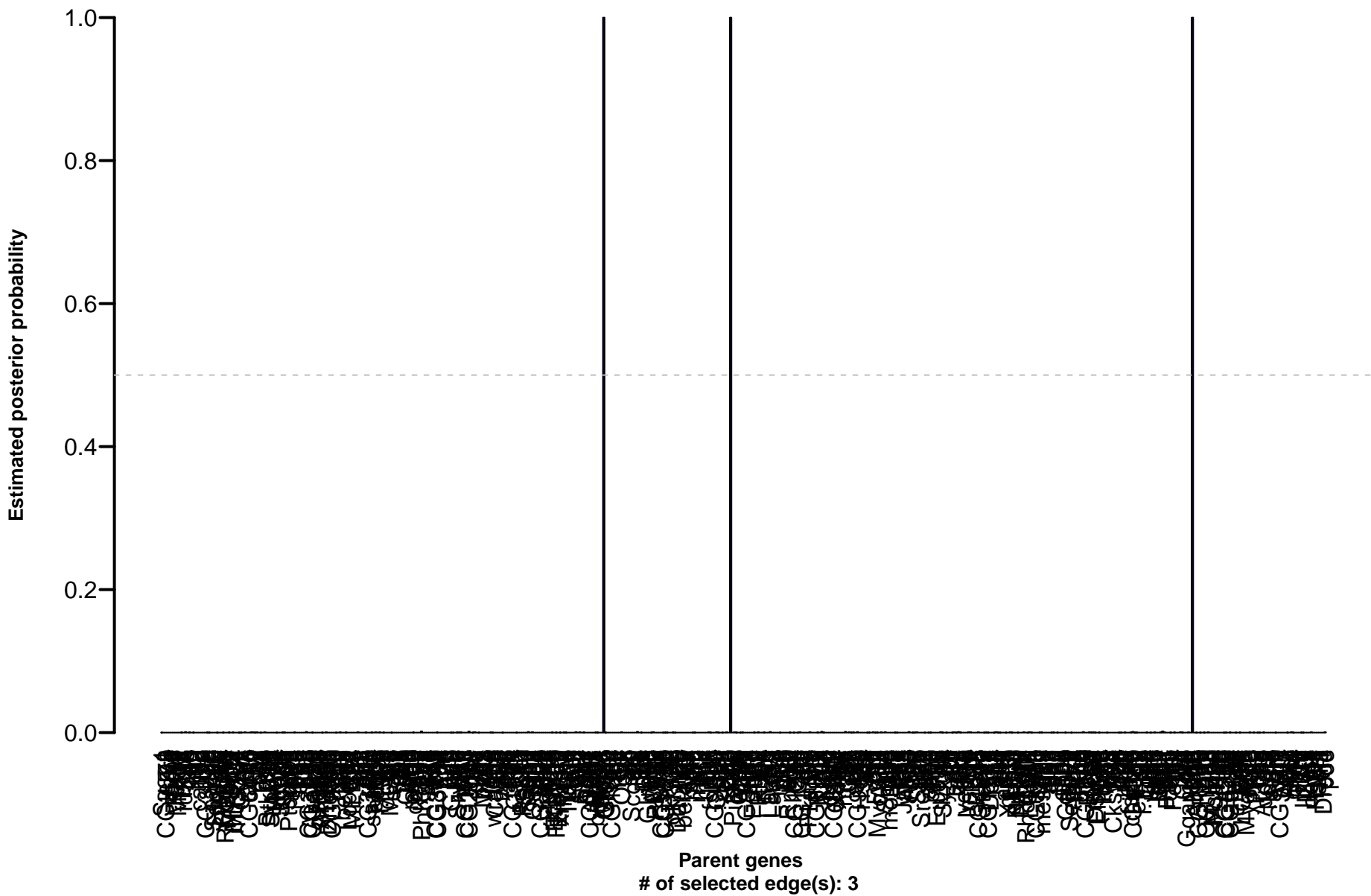
Sub−network # 1
(time point 2 to 6)
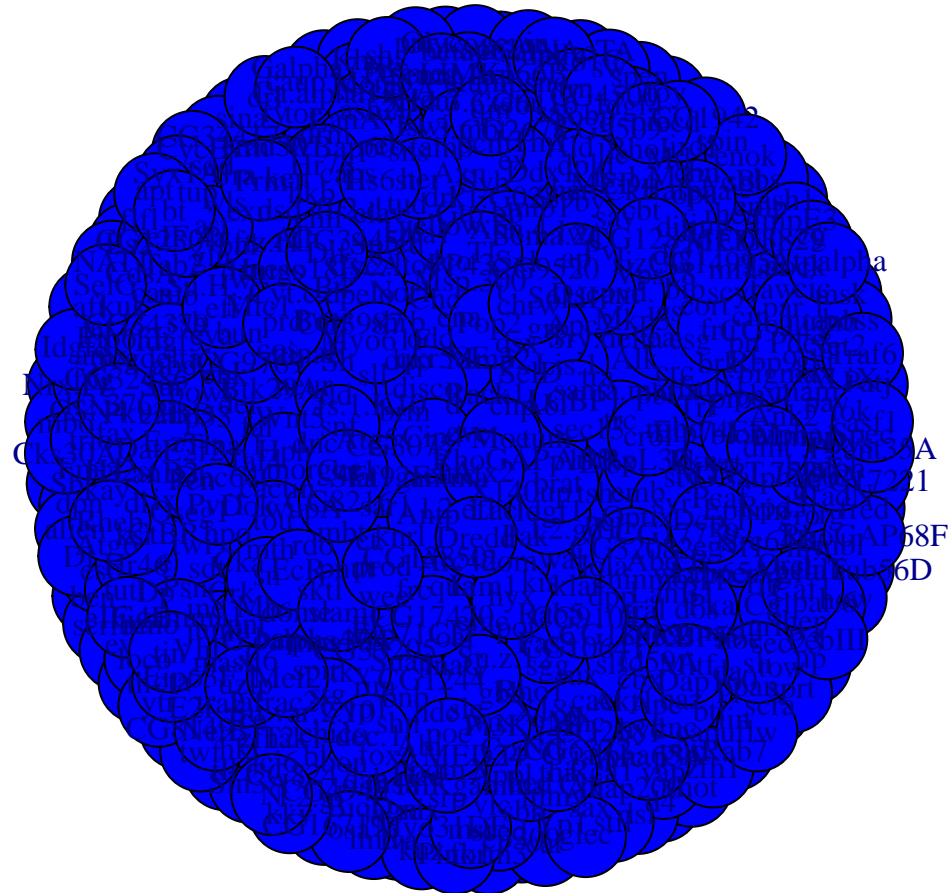
Positive interaction

Negative interaction

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

parentGene	targetGene	postProb	CPstart	CPend	interactionSign
248	1	1	2	6	+
157	1	1	2	6	−
368	1	1	2	6	+