Target gene expression profile
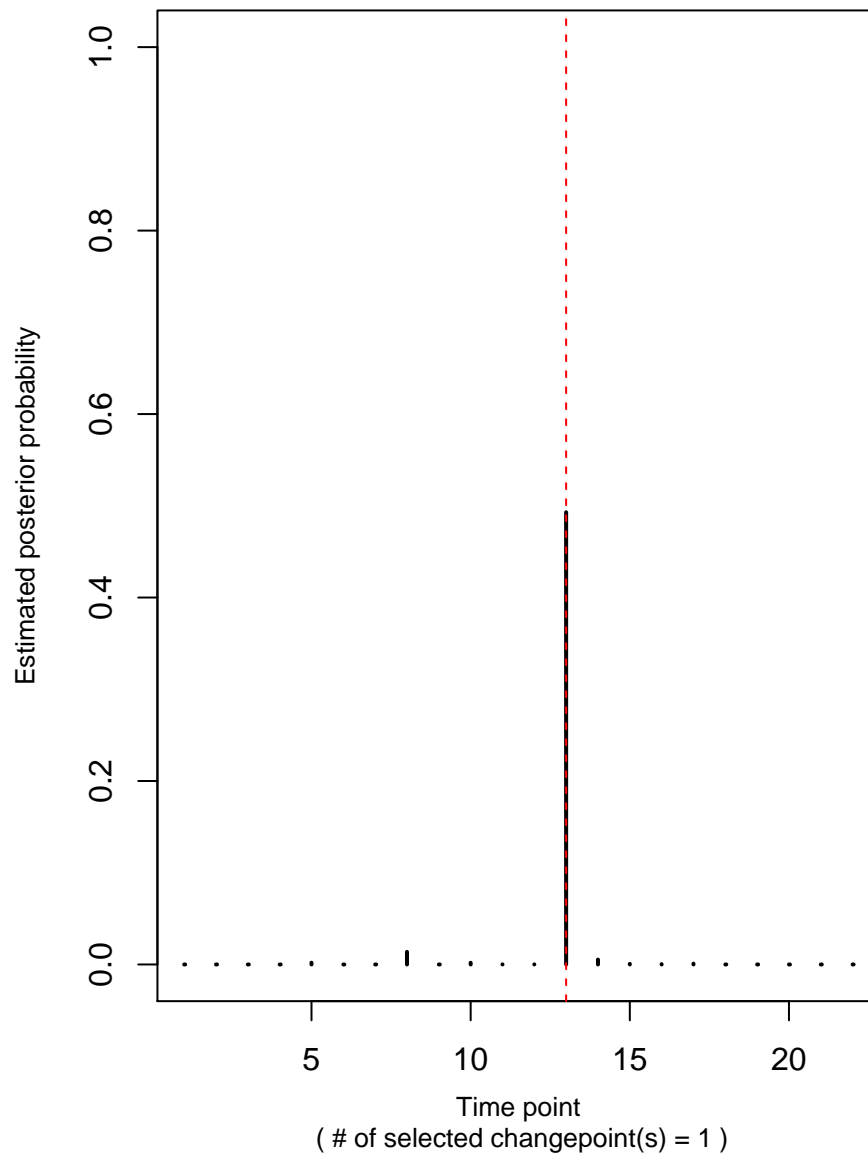
Expression value

Time point

Parent gene expression profiles

Expression value

Time point

Number of changepoint
– target gene: G1 –

Estimated posterior probability

Changepoint number
(max. value = 1)
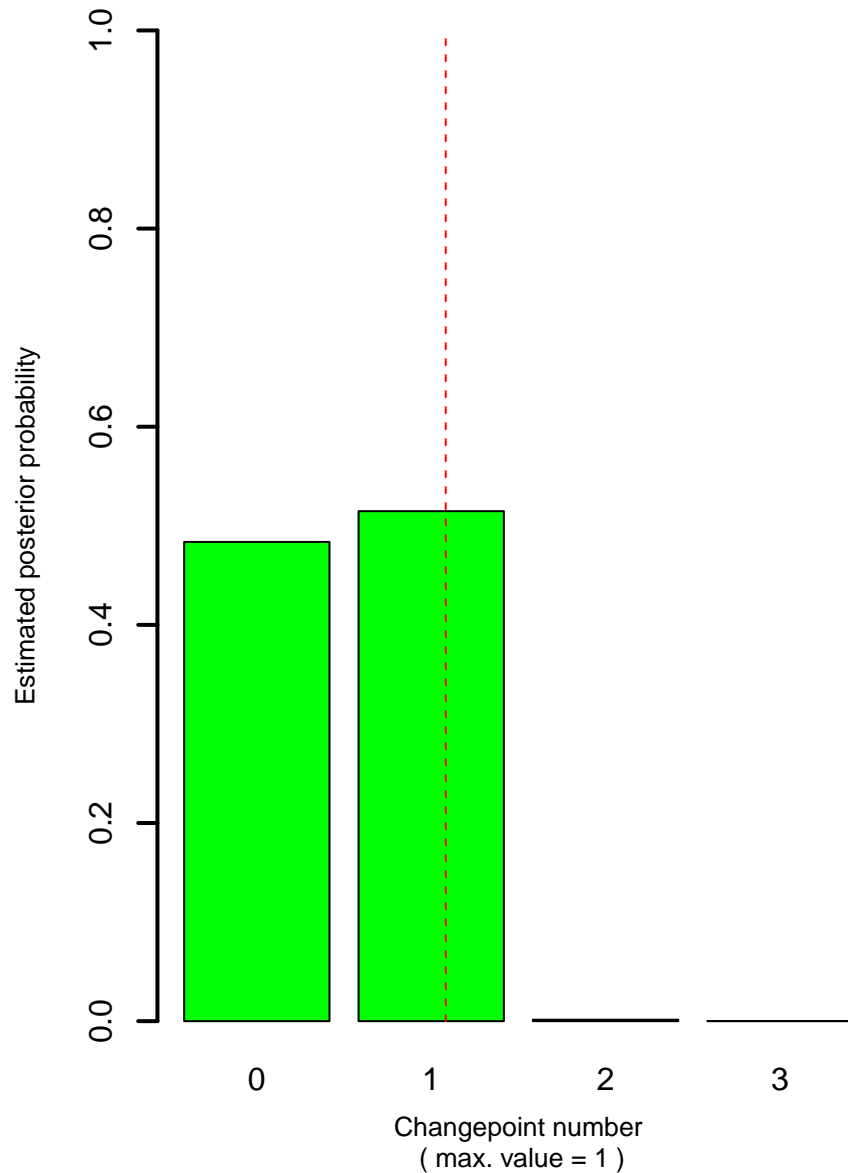
Changepoint position
– target gene: G1 –

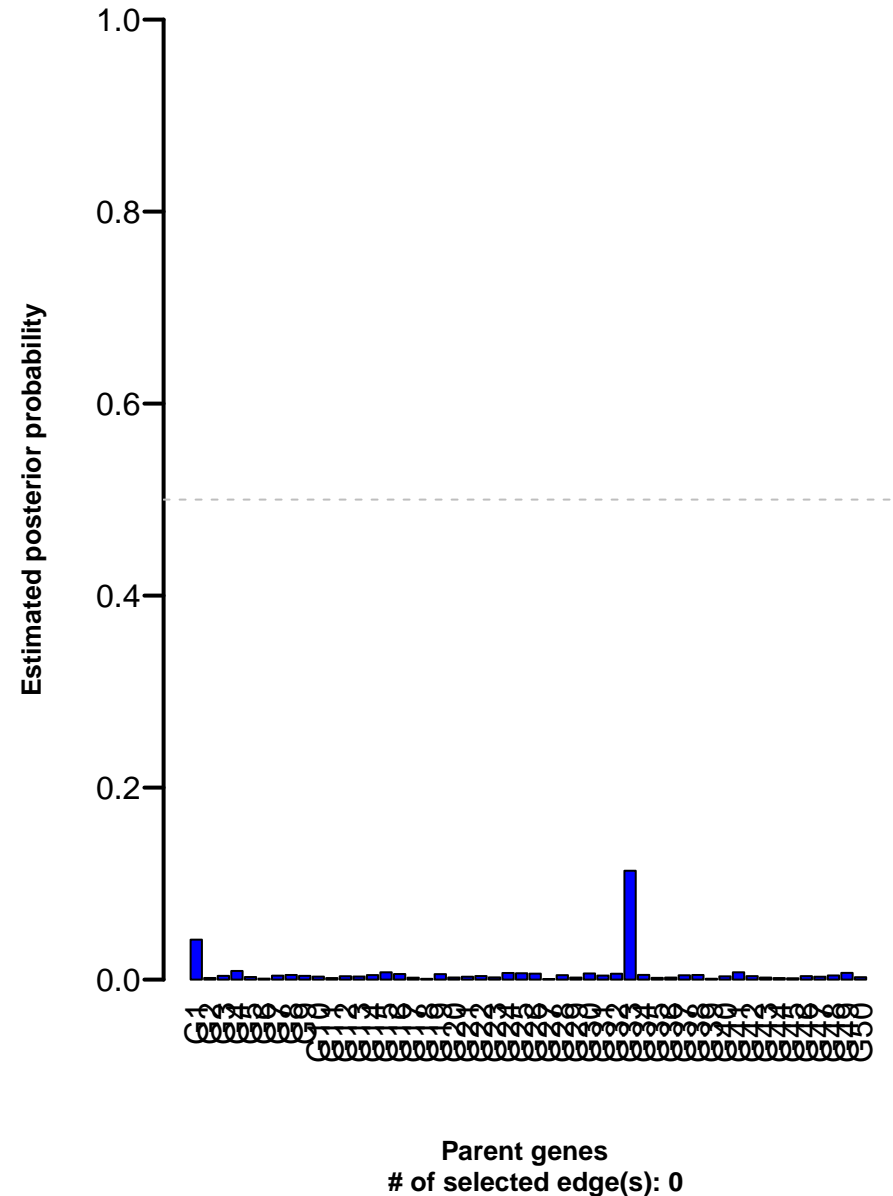Estimated posterior probability

Time point
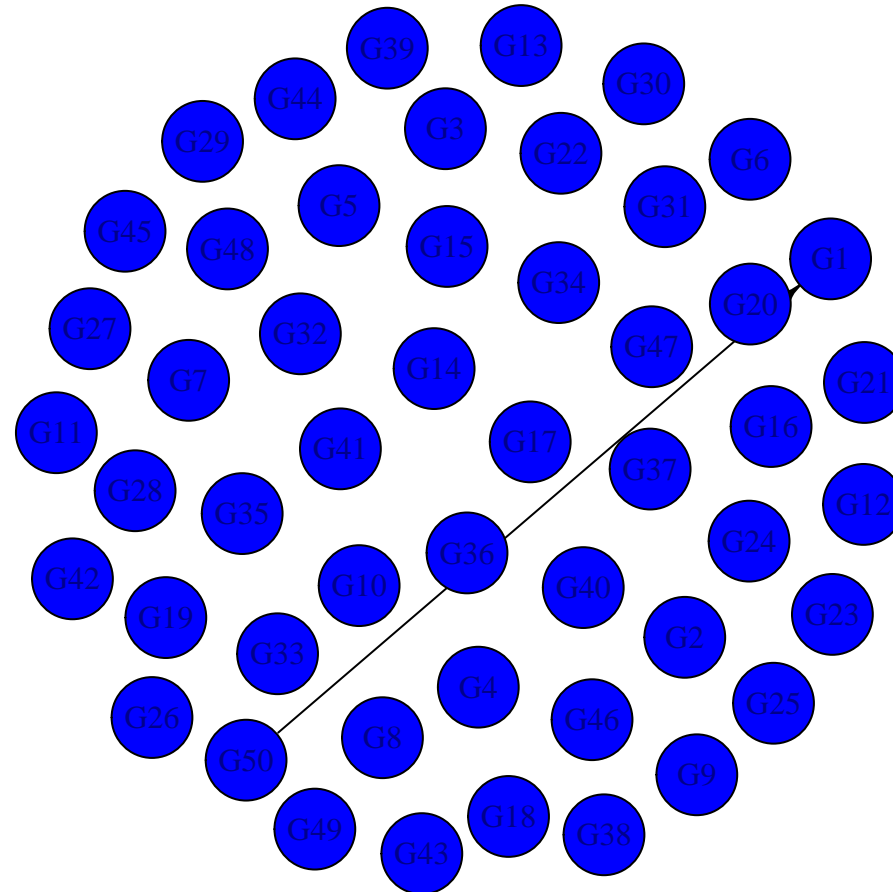(# of selected changepoint(s) = 1)

Regulatory model for target gene: G1
Temporal segment # 1 : [2 , 12]

Regulatory model for target gene: G1
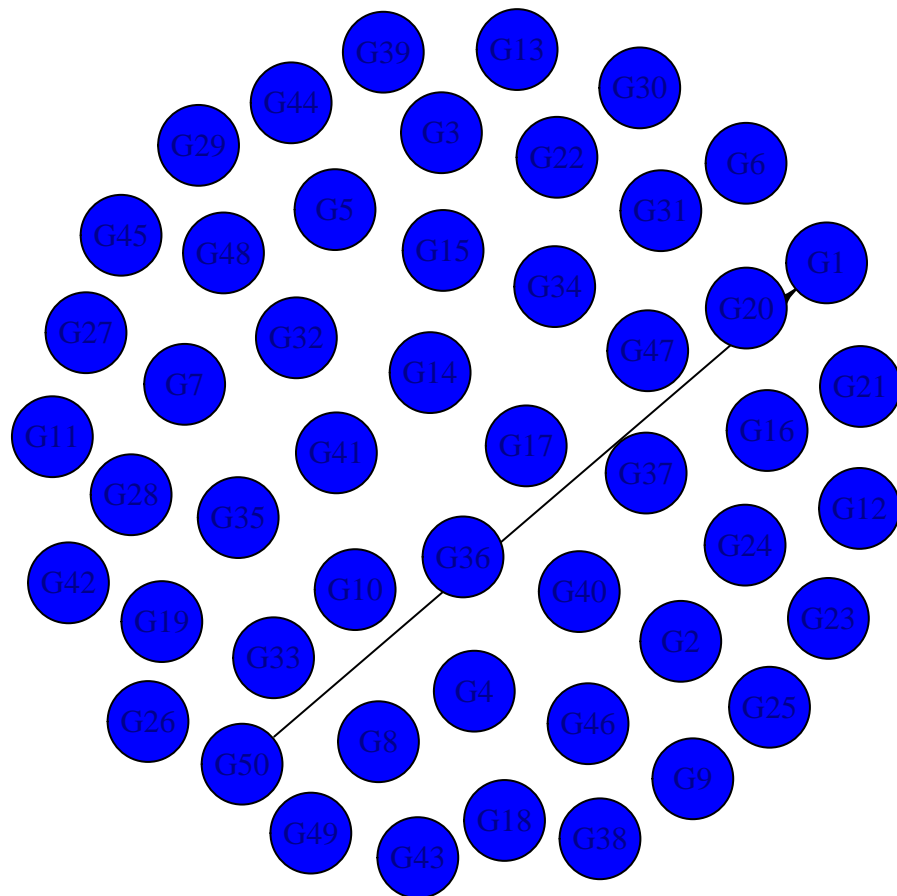**Temporal segment # 2 : [13 , 21]**

Estimated posterior probability

Parent genes
# of selected edge(s): 1

Parent genes
# of selected edge(s): 0
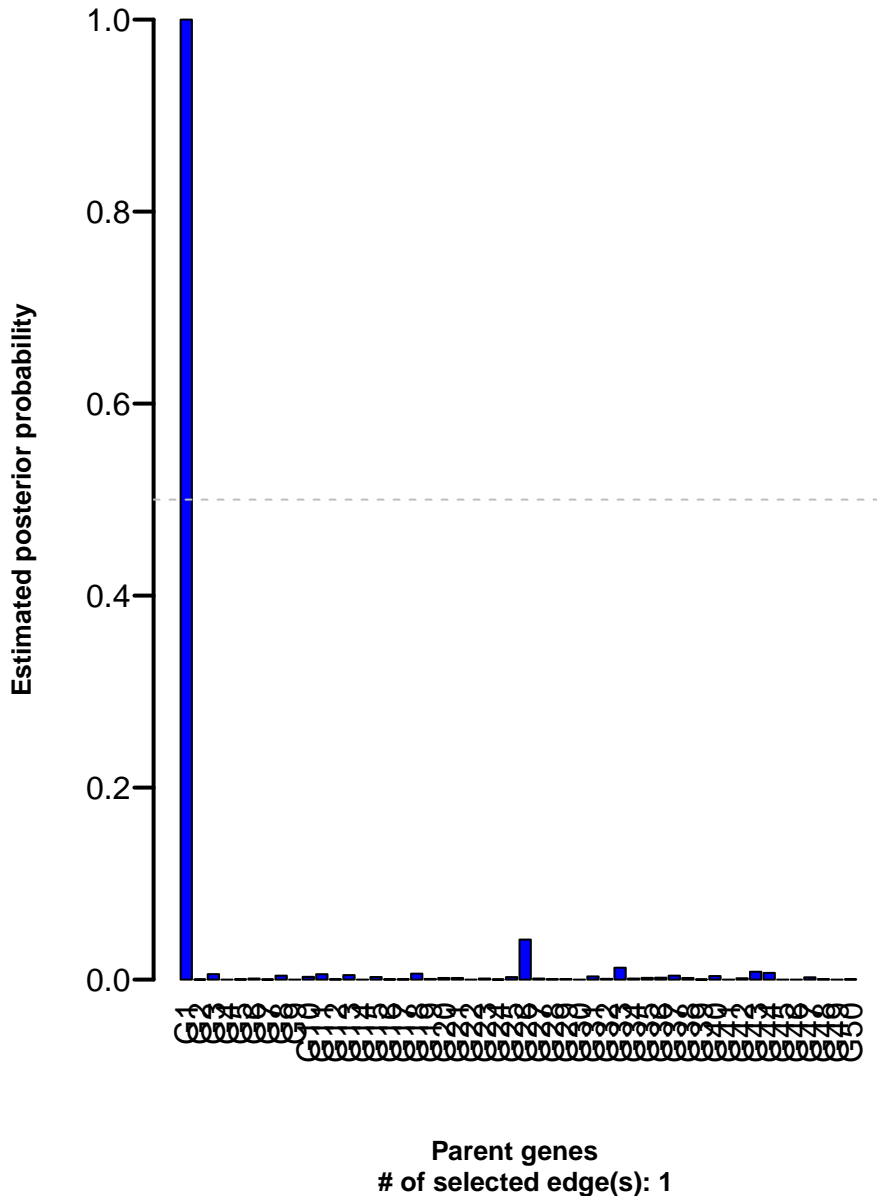
Sub−network # 1
(time point 2 to 12)

Positive interaction
Negative interaction

Sub−network # 2
(time point 13 to 21)

Positive interaction
Negative interaction

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

parentGene	targetGene	postProb	CPstart	CPend	interactionSign
1	1	1	2	12	+