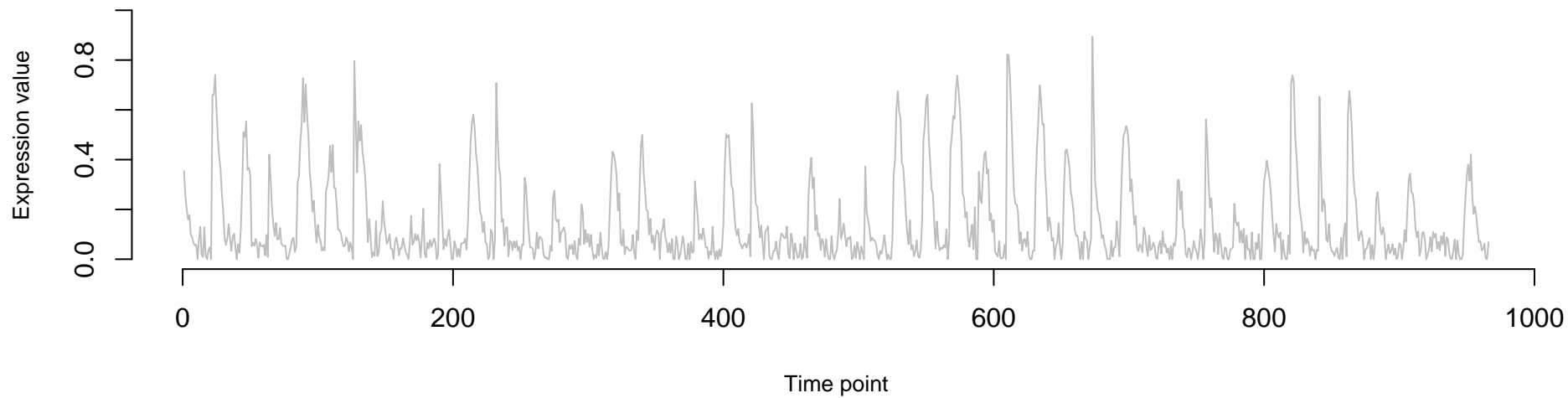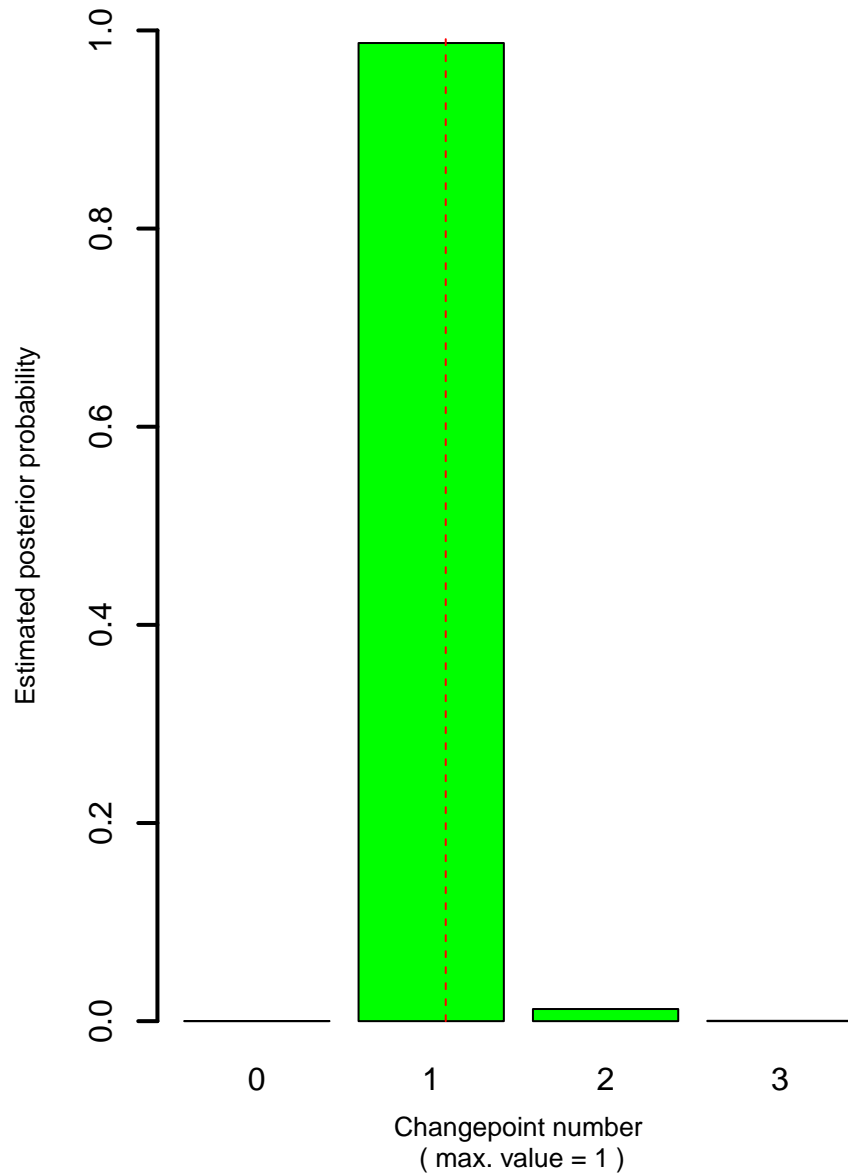**Target gene expression profile**
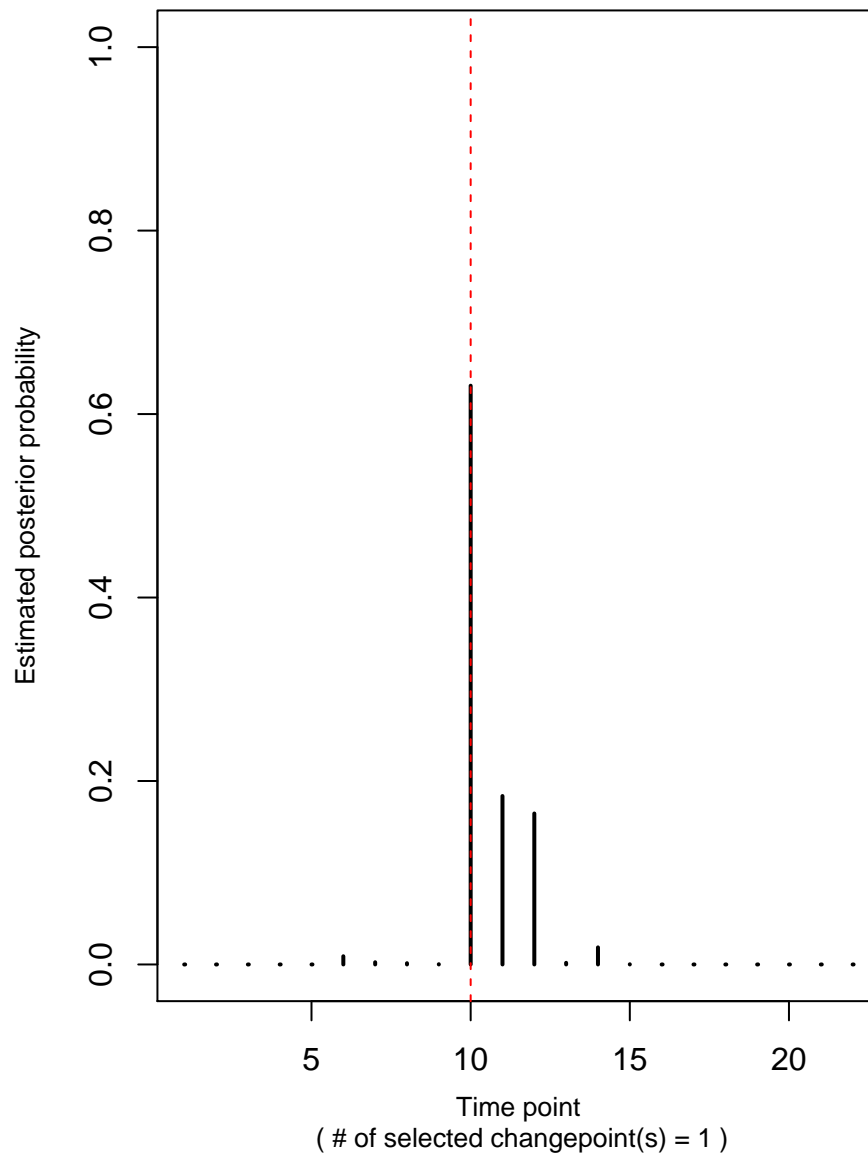
Parent gene expression profiles
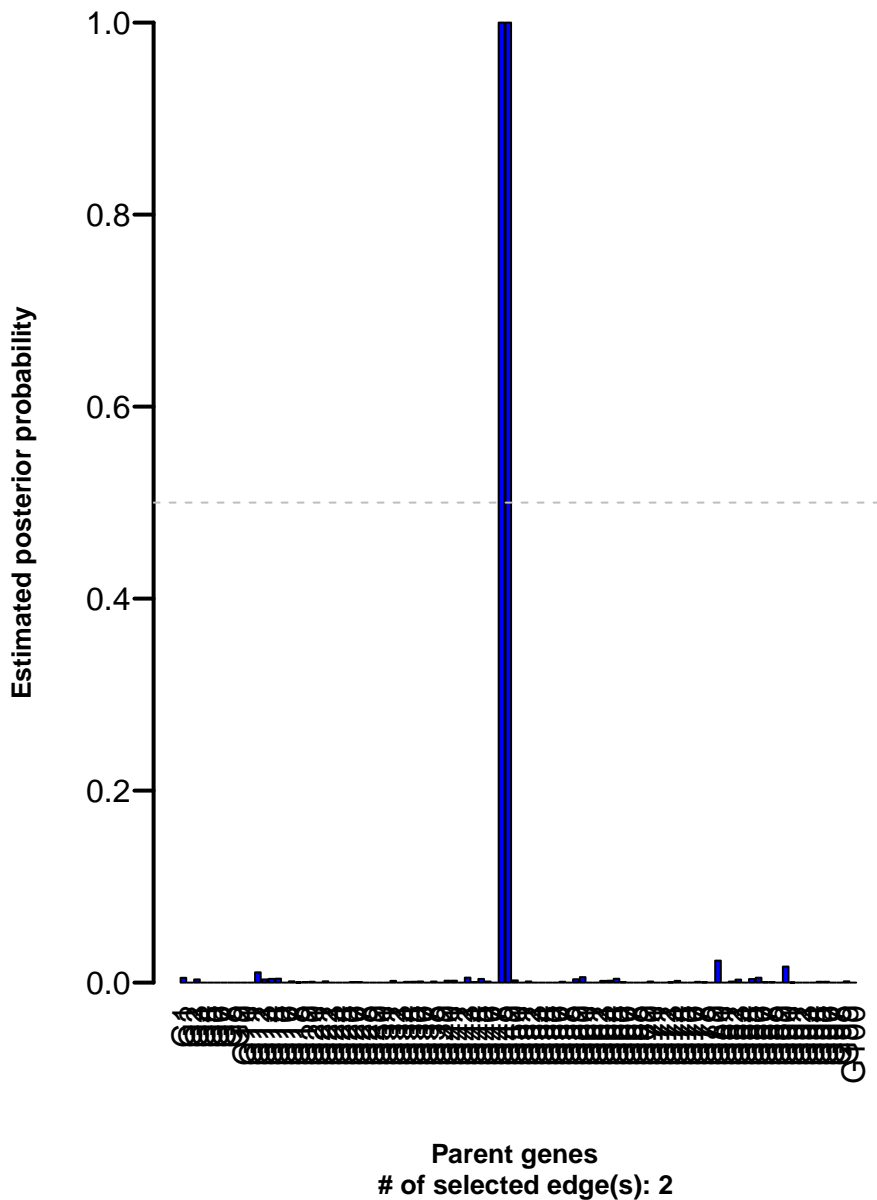
Number of changepoint
– target gene: G49 –

Changepoint position
– target gene: G49 –

Estimated posterior probability

Changepoint number
(max. value = 1)

Estimated posterior probability

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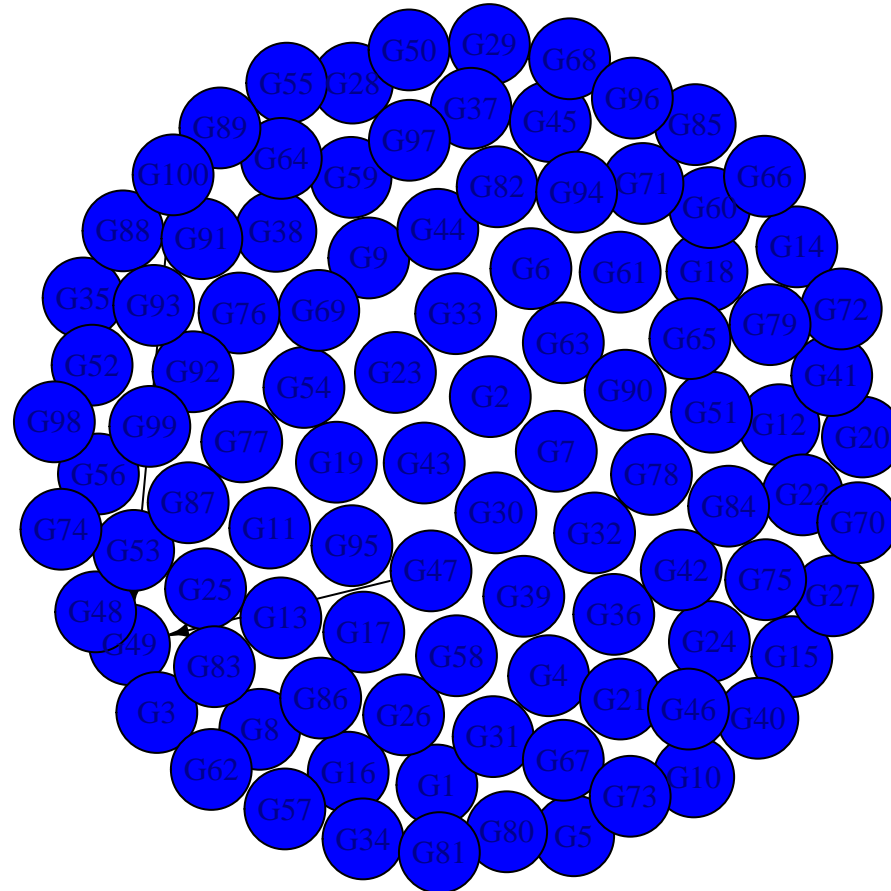(# of selected changepoint(s) = 1)

Regulatory model for target gene: G49
Temporal segment # 1 : [2 , 9]

Regulatory model for target gene: G49
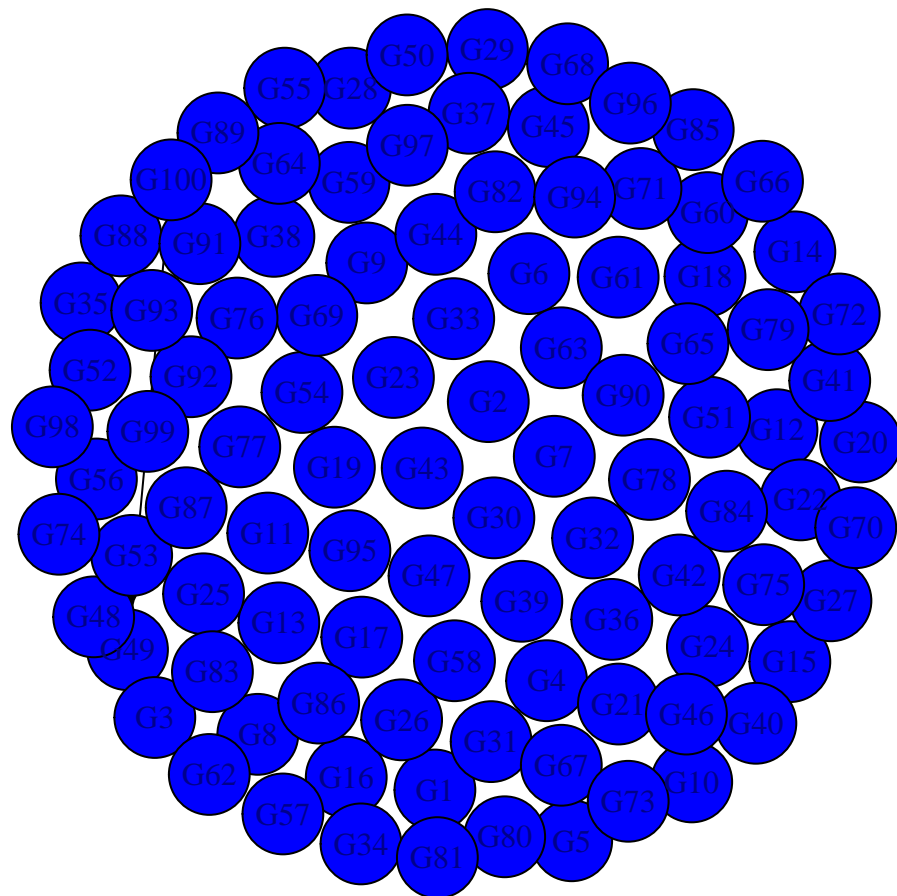**Temporal segment # 2 : [10 , 21]**

Estimated posterior probability

Parent genes
# of selected edge(s): 2

Parent genes
# of selected edge(s): 2
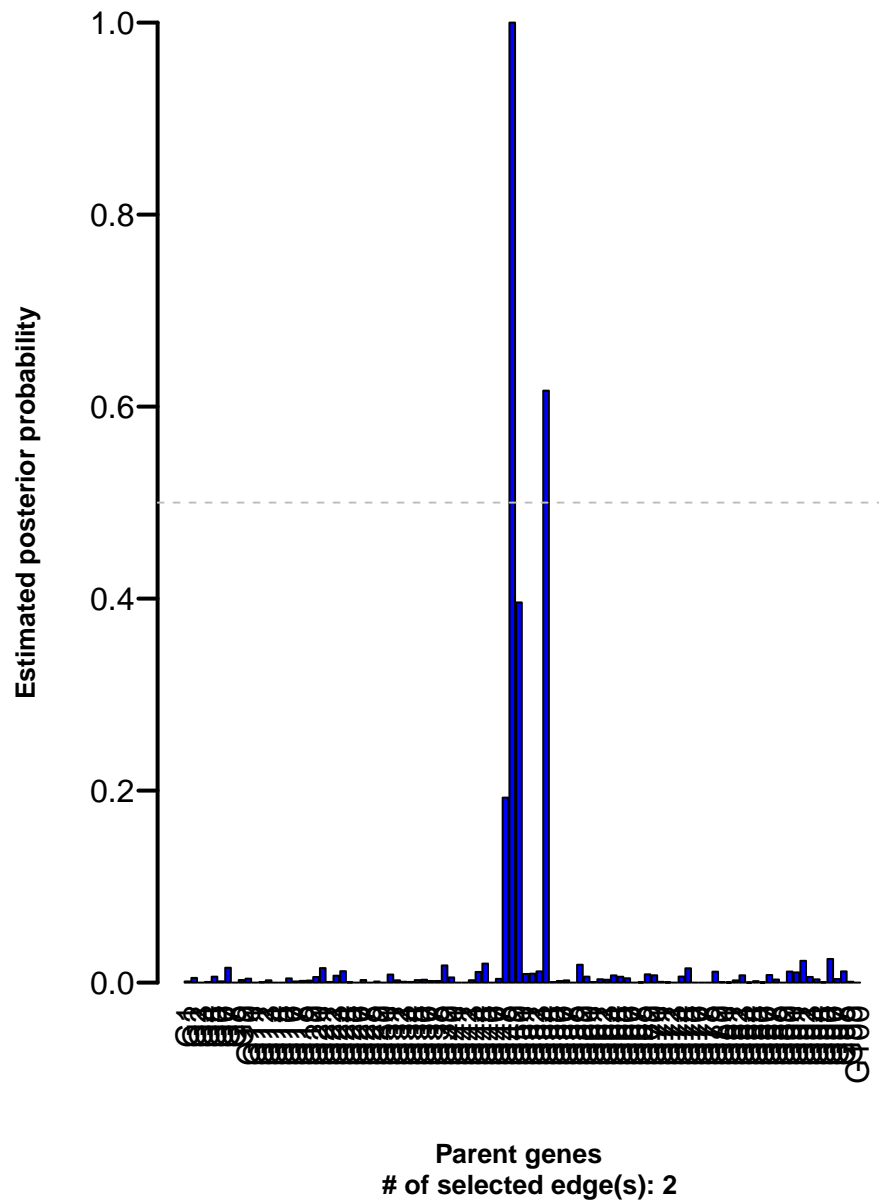
Sub−network # 1
(time point 2 to 9)

Positive interaction
Negative interaction

Sub−network # 2
(time point 10 to 21)

Positive interaction
Negative interaction

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

parentGene	targetGene	postProb	CPstart	CPend	interactionSign
44	1	1	2	9	+
45	1	1	2	9	+
45	1	1	10	21	+
51	1	0.6166	10	21	+