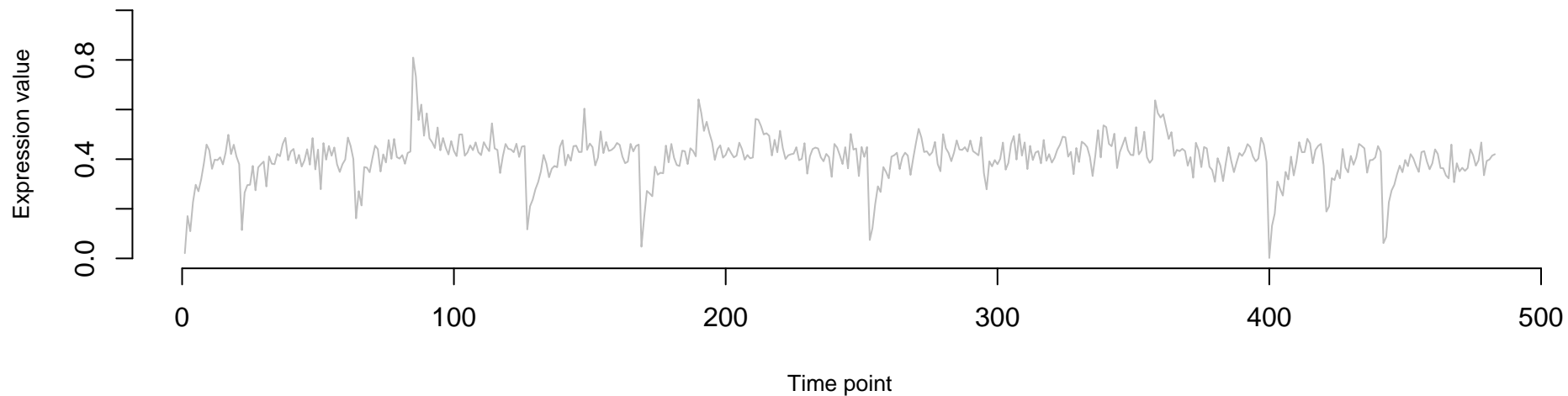


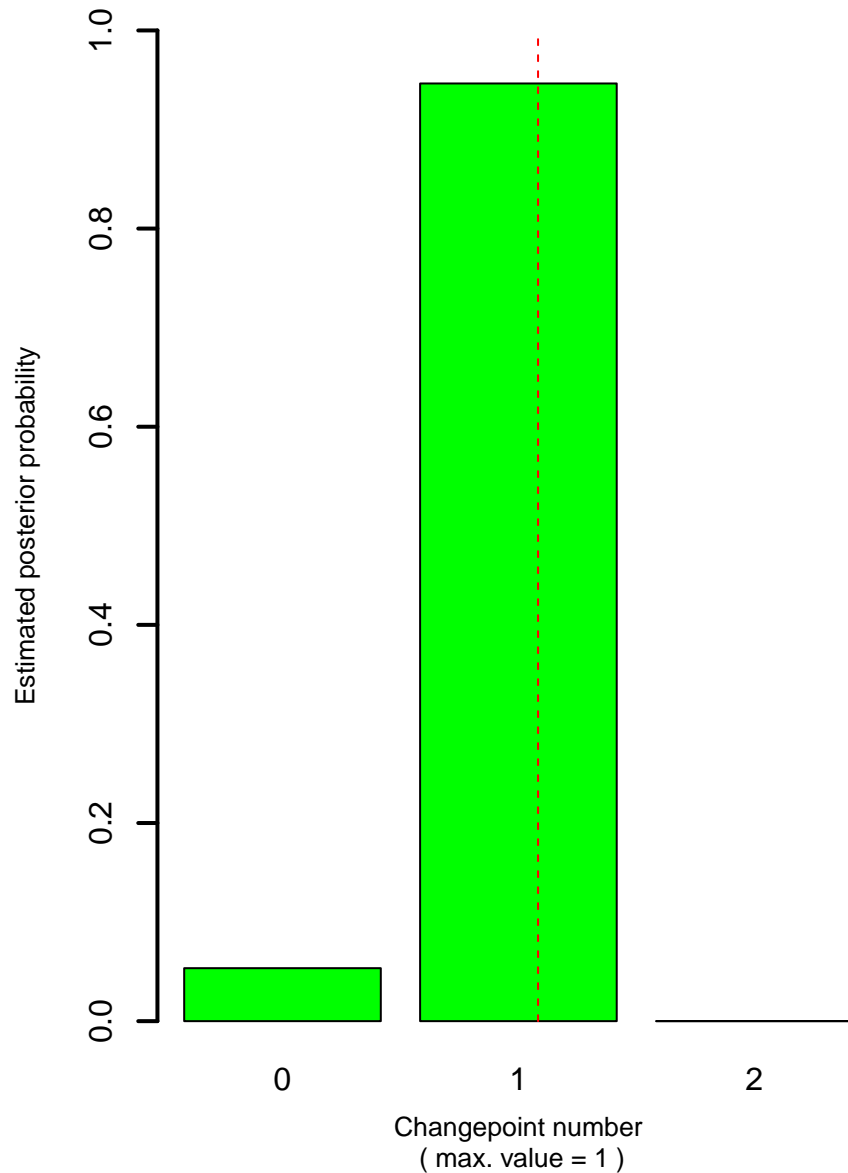
Target gene expression profile



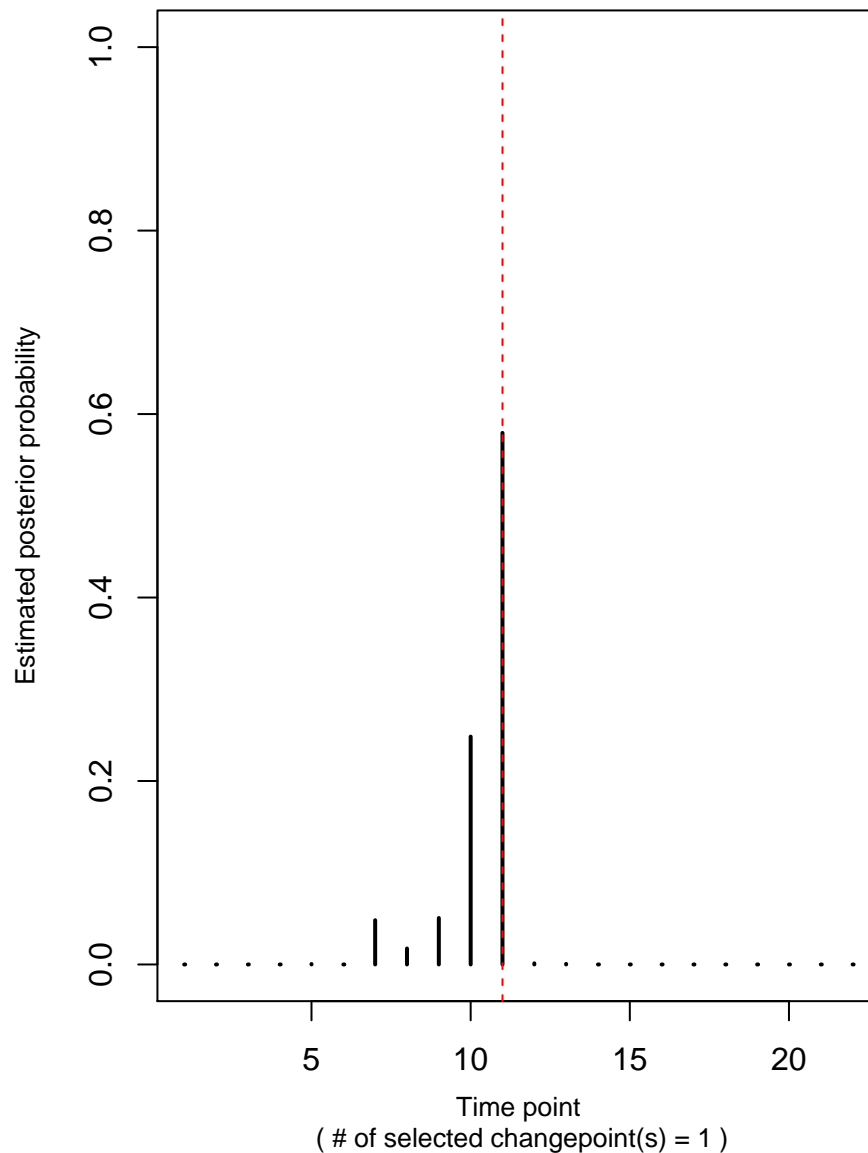
Parent gene expression profiles



Number of changepoint
– target gene: G48 –

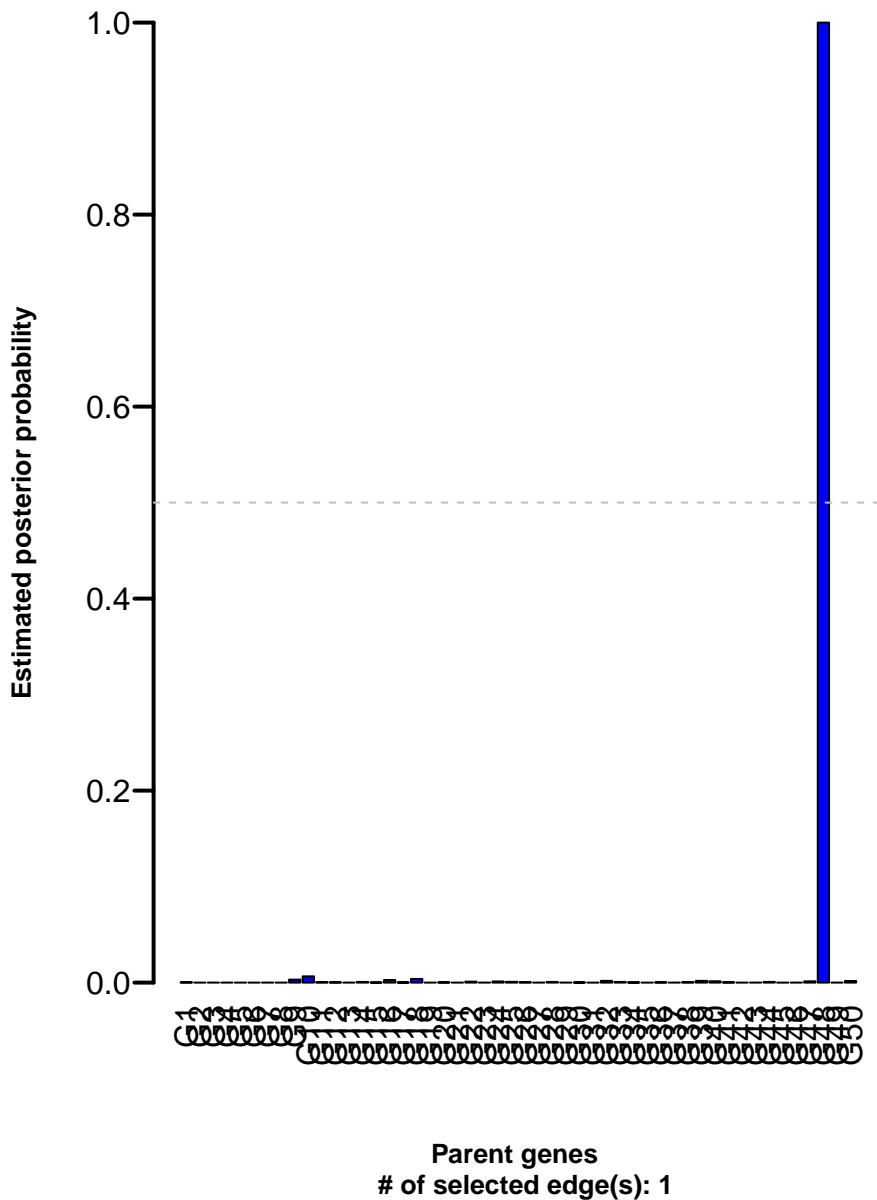


Changepoint position
– target gene: G48 –



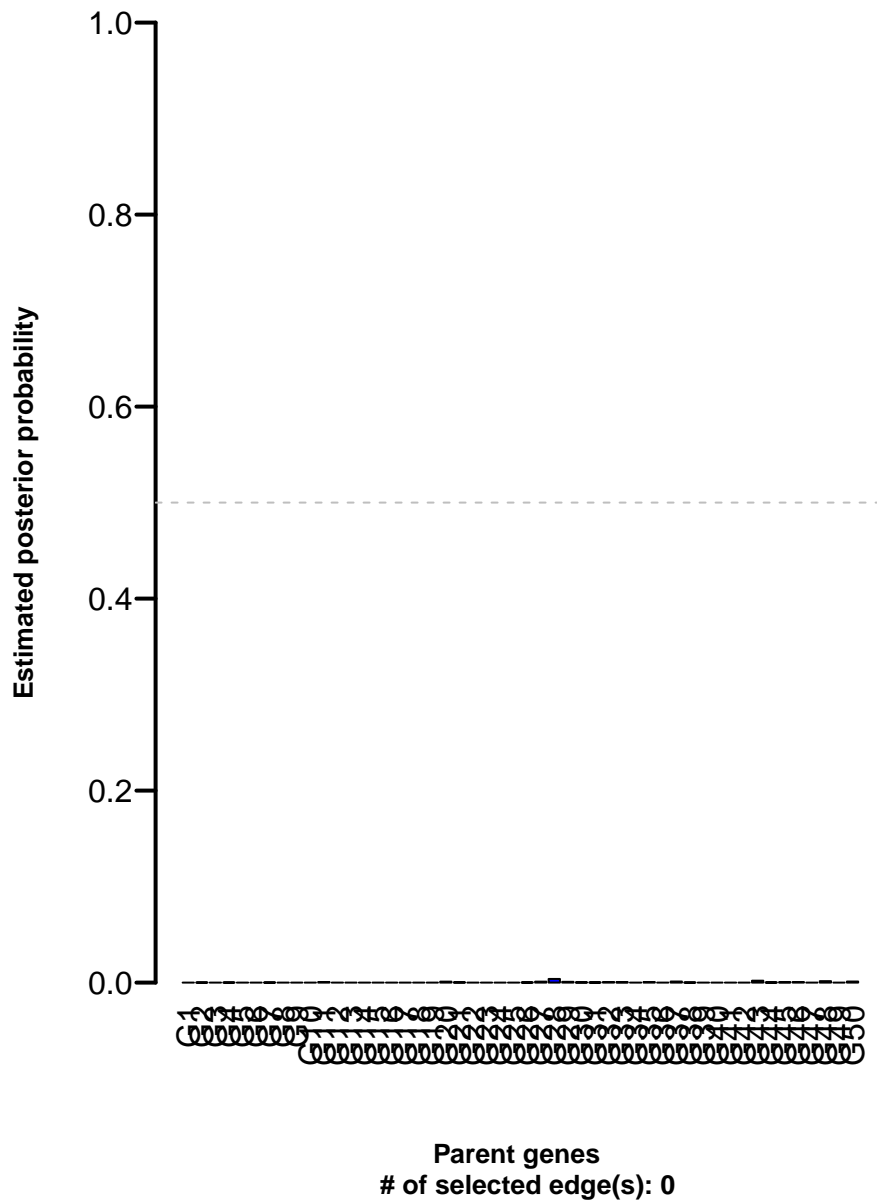
Regulatory model for target gene: G48

Temporal segment # 1 : [2 , 10]

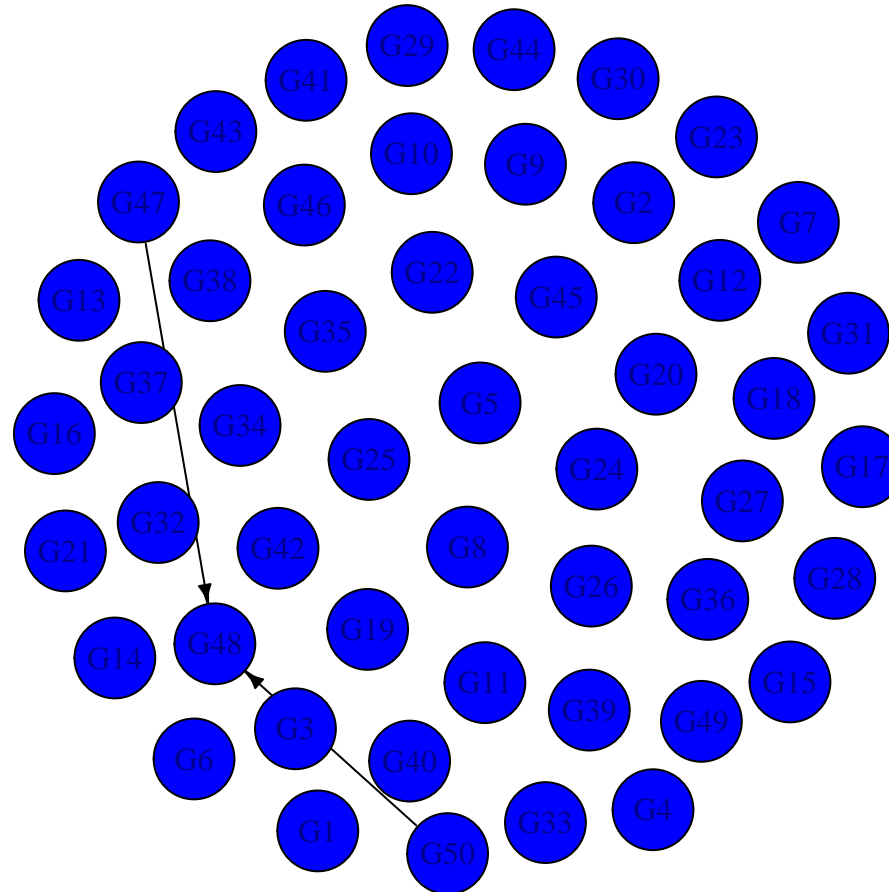


Regulatory model for target gene: G48

Temporal segment # 2 : [11 , 21]

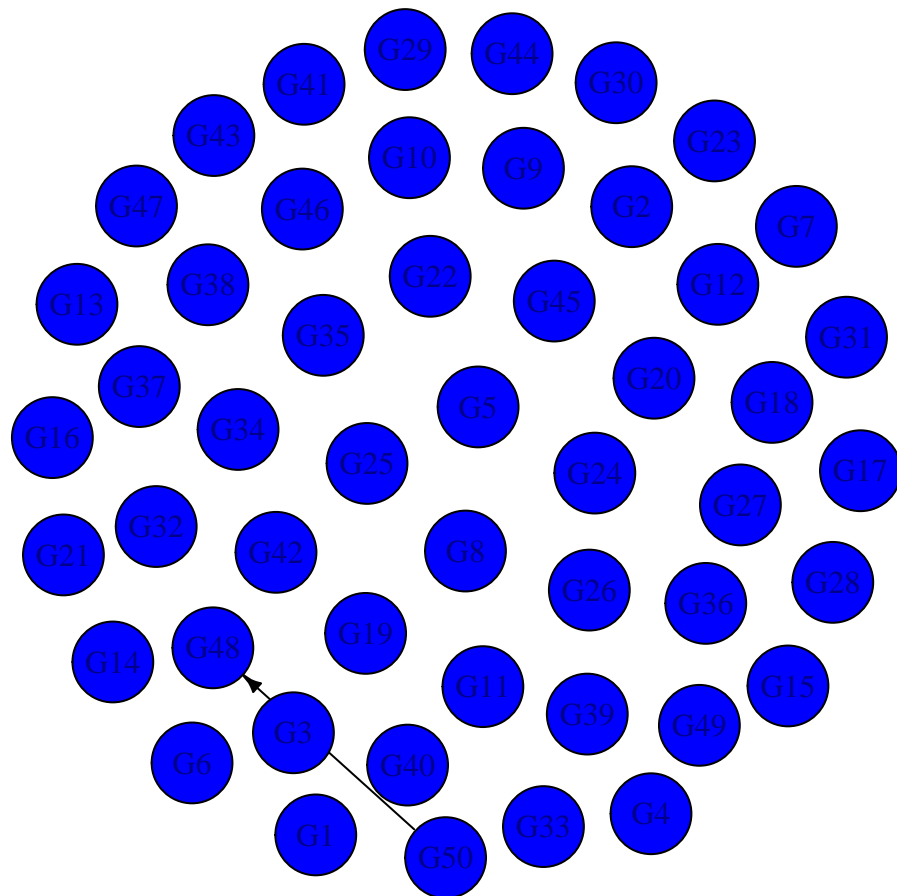


Sub-network # 1
(time point 2 to 10)



— Positive interaction
- - - Negative interaction

Sub-network # 2
(time point 11 to 21)



— Positive interaction
- - - Negative interaction

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

| parentGene | targetGene | postProb | CPstart | CPend | interactionSign |
|-------------------|-------------------|-----------------|----------------|--------------|------------------------|
| 43 | 1 | 1 | 2 | 10 | + |