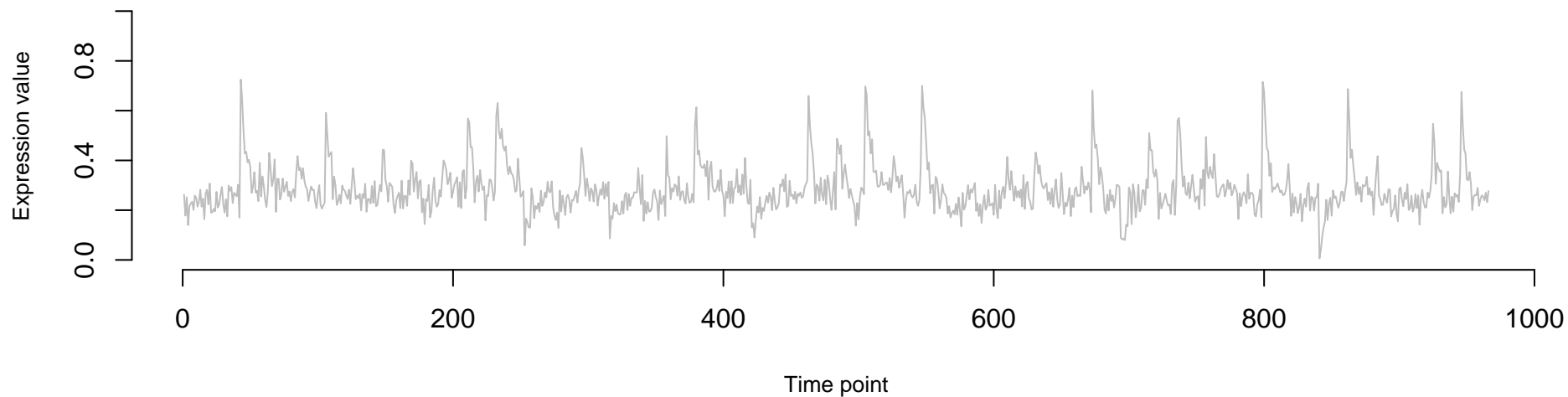


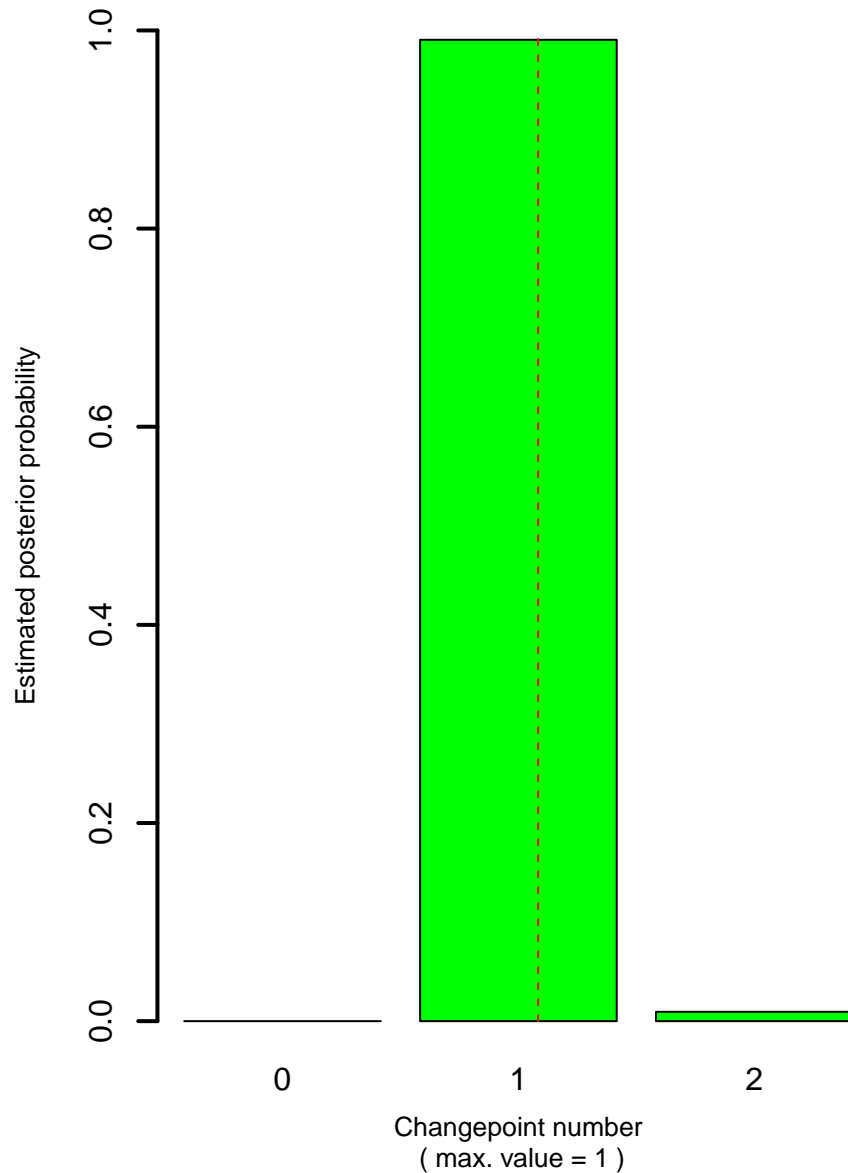
Target gene expression profile



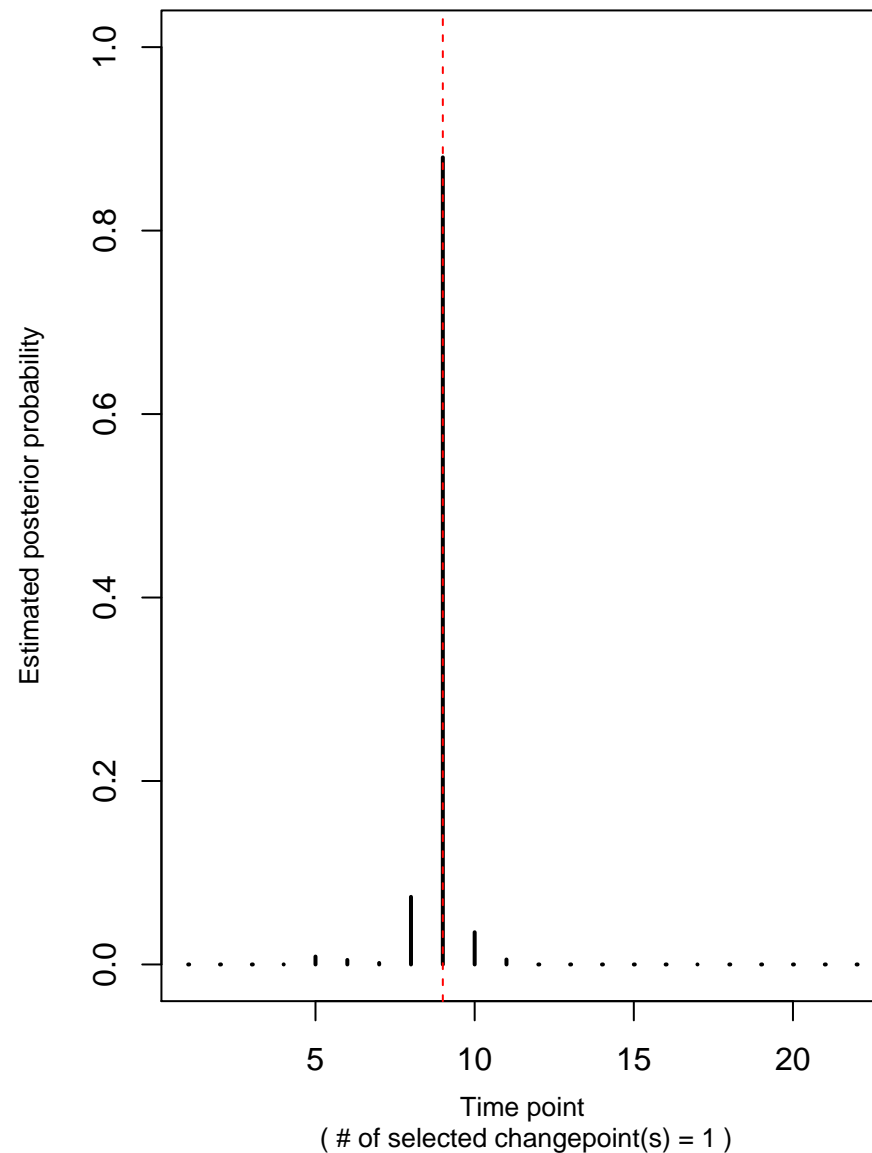
Parent gene expression profiles



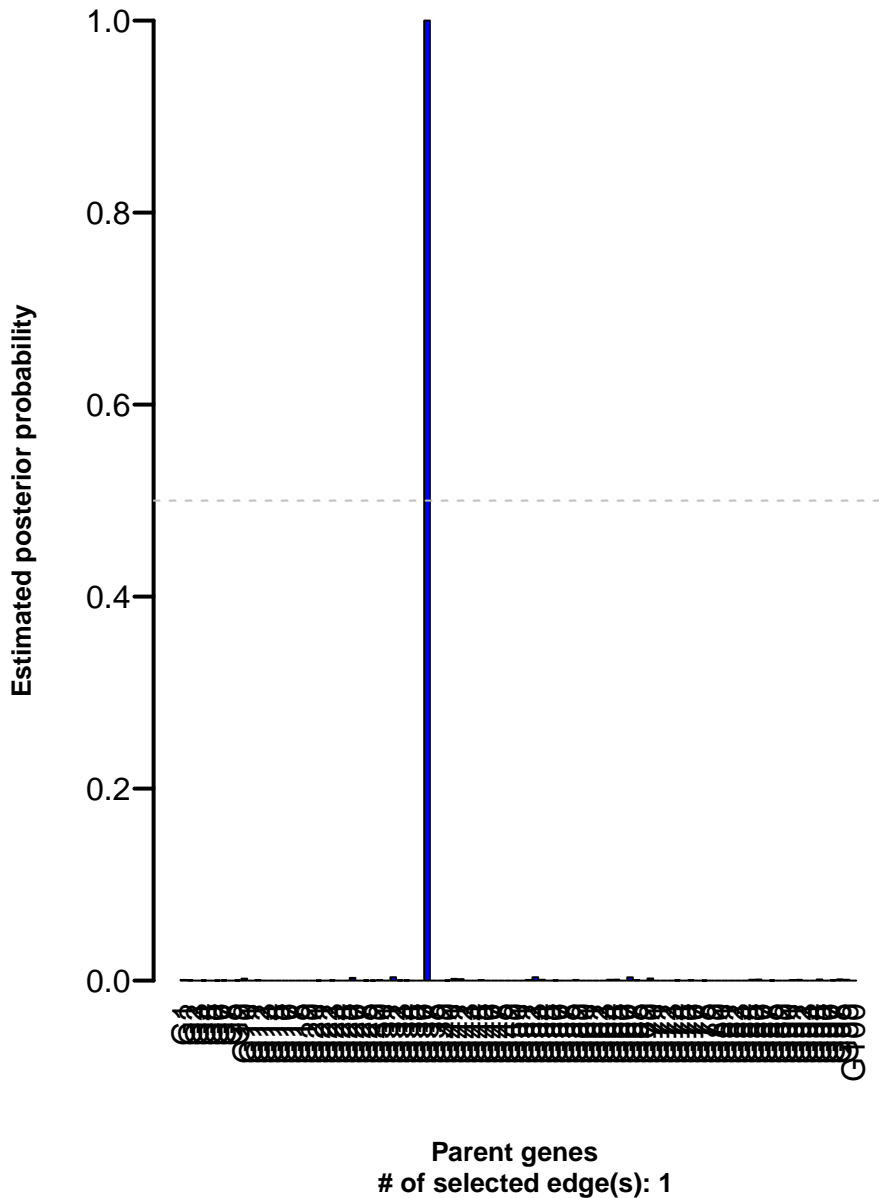
Number of changepoint
– target gene: G37 –



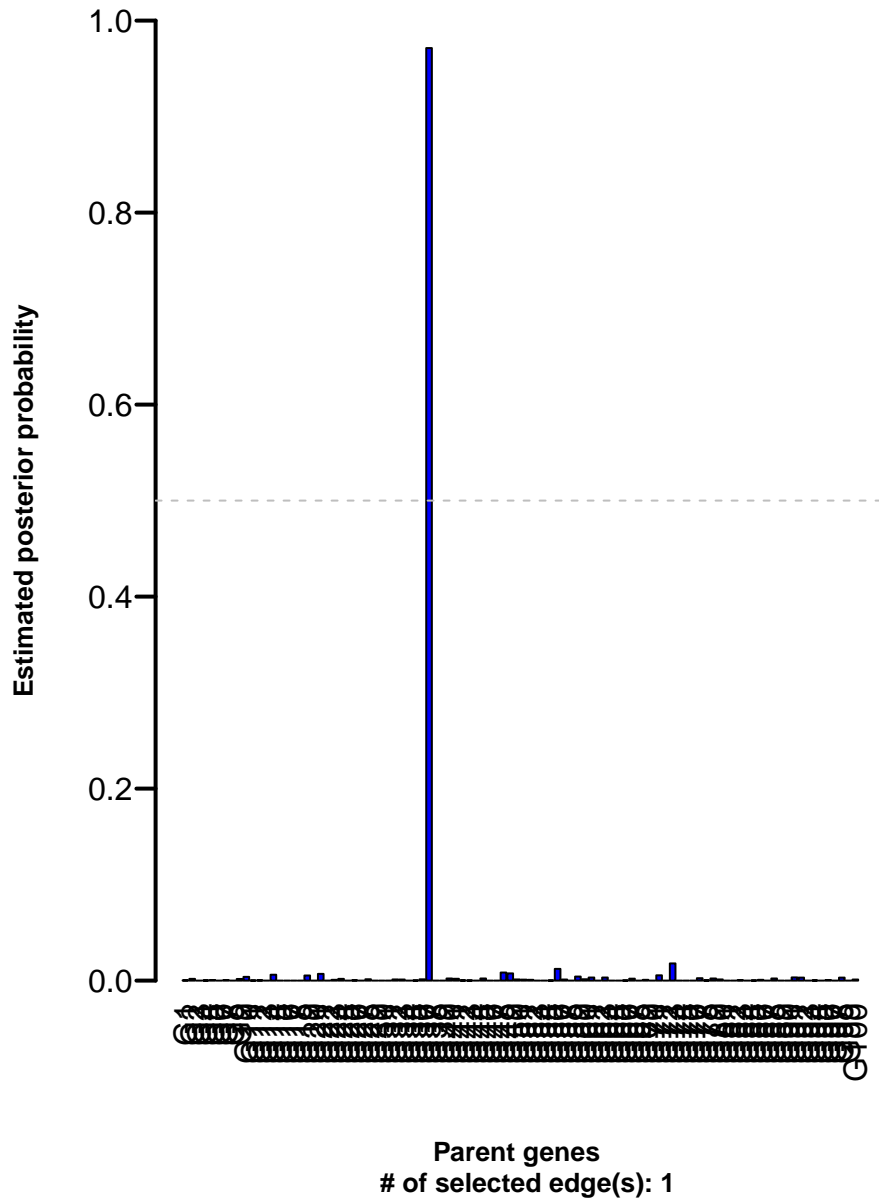
Changepoint position
– target gene: G37 –



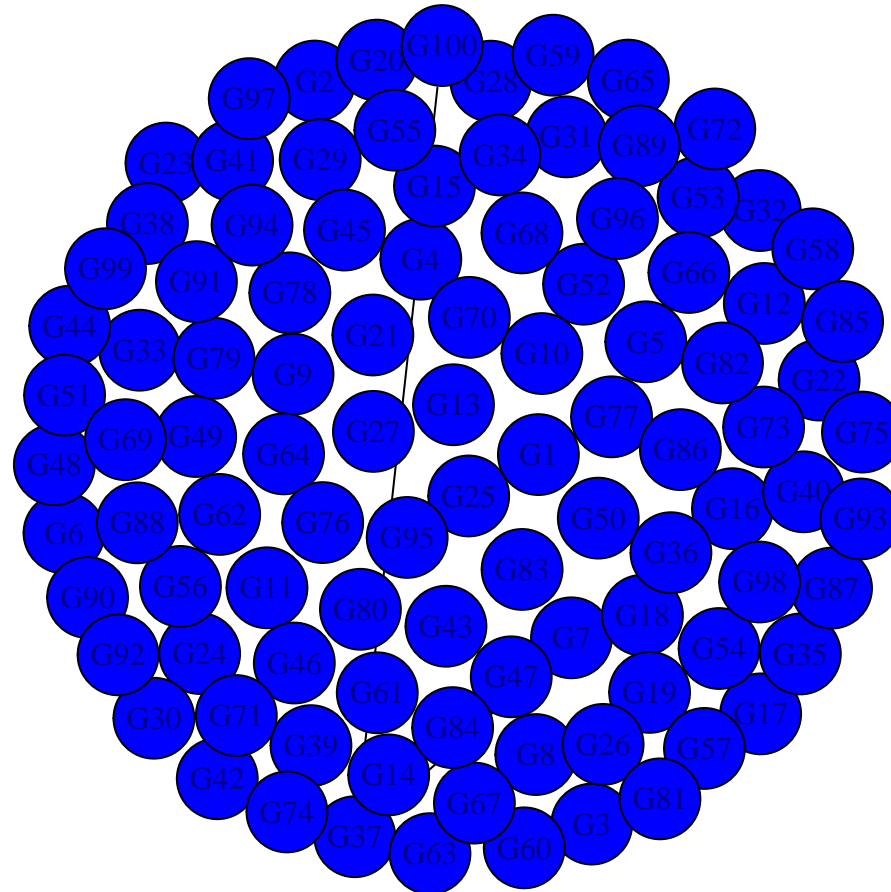
Regulatory model for target gene: G37
Temporal segment # 1 : [2 , 8]



Regulatory model for target gene: G37
Temporal segment # 2 : [9 , 21]

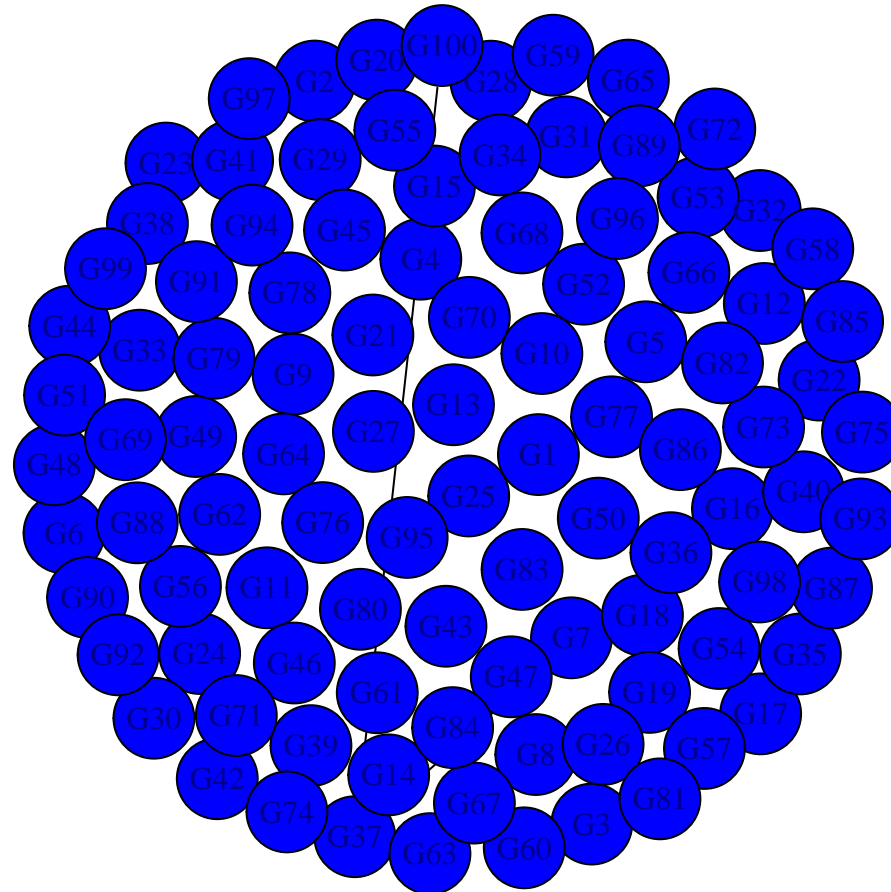


Sub-network # 1
(time point 2 to 8)



— Positive interaction
- - - Negative interaction

Sub-network # 2
(time point 9 to 21)



— Positive interaction
- - - Negative interaction

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

| parentGene | targetGene | postProb | CPstart | CPend | interactionSign |
|-------------------|-------------------|-----------------|----------------|--------------|------------------------|
| 32 | 1 | 1 | 2 | 8 | + |
| 32 | 1 | 0.9714 | 9 | 21 | + |