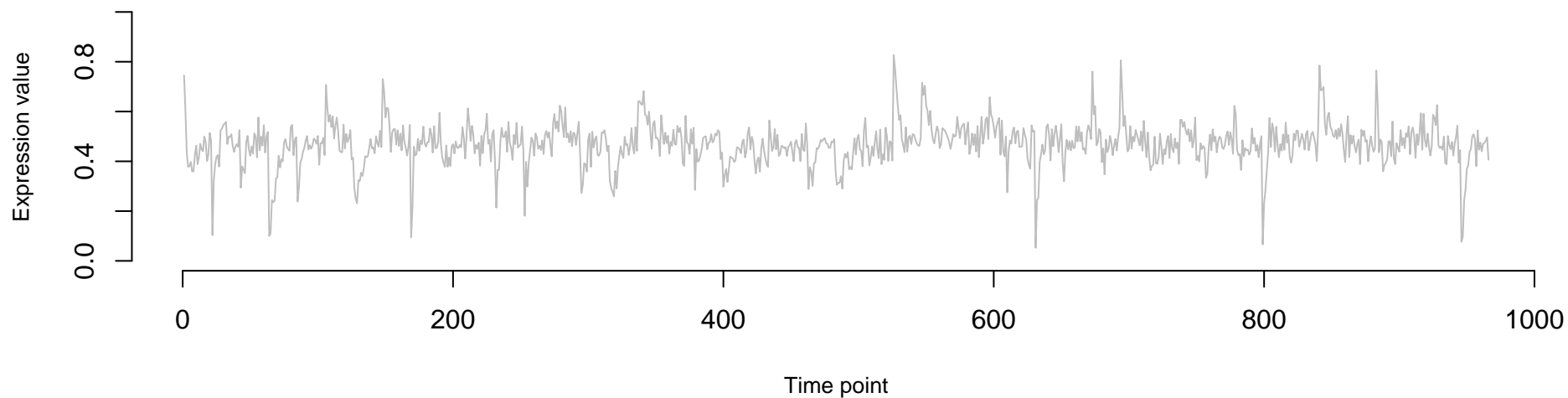


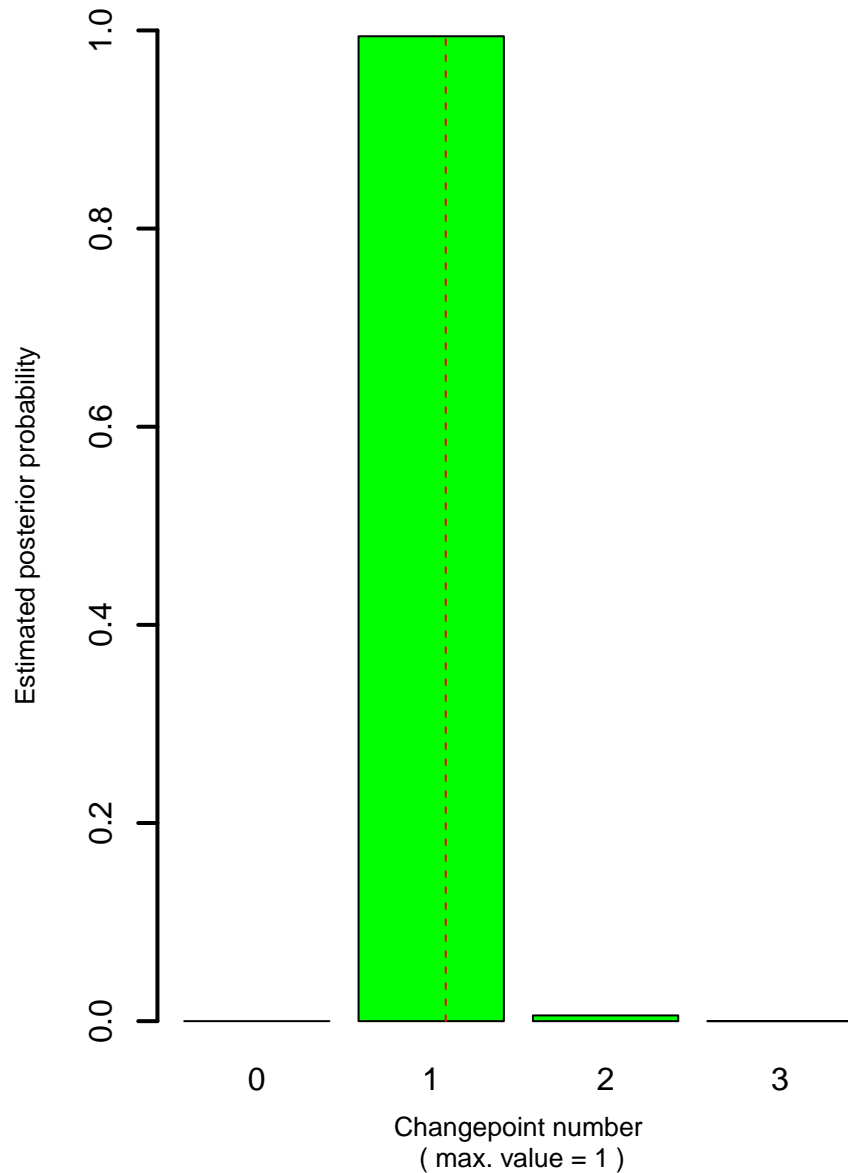
**Target gene expression profile**



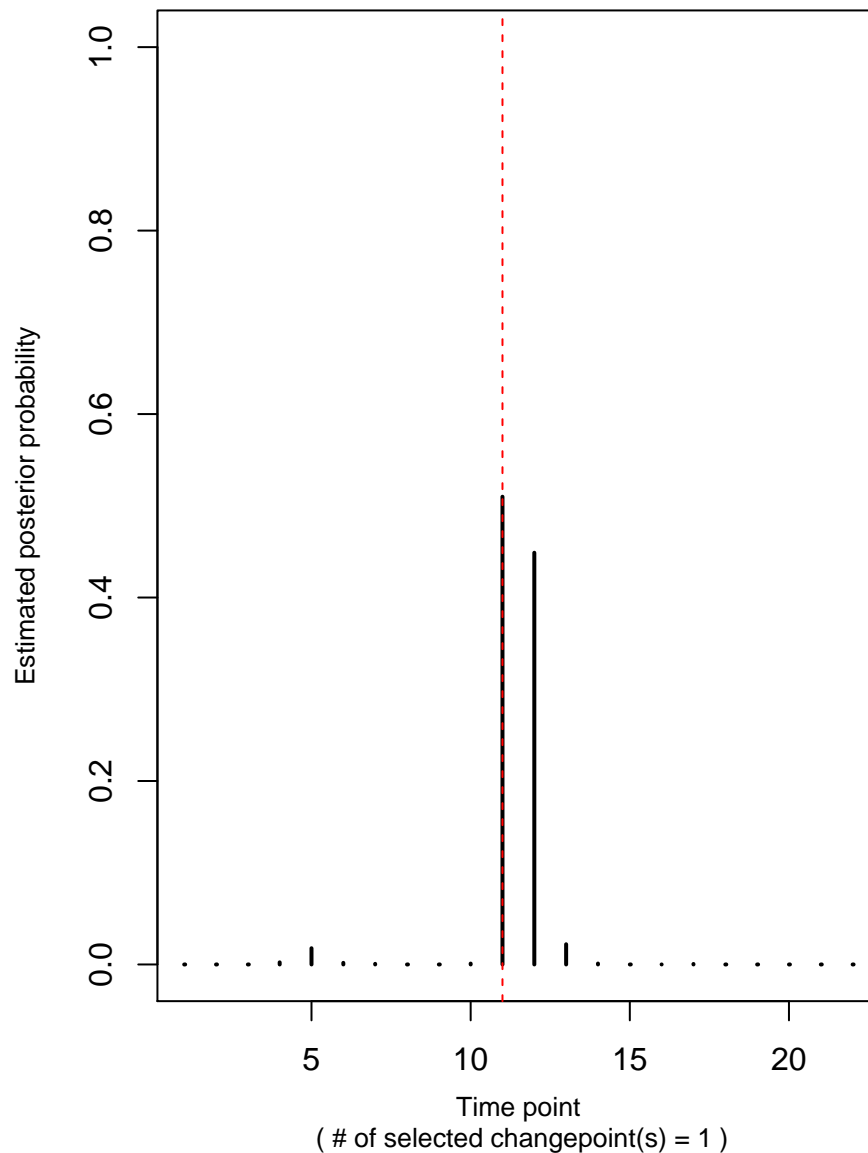
**Parent gene expression profiles**



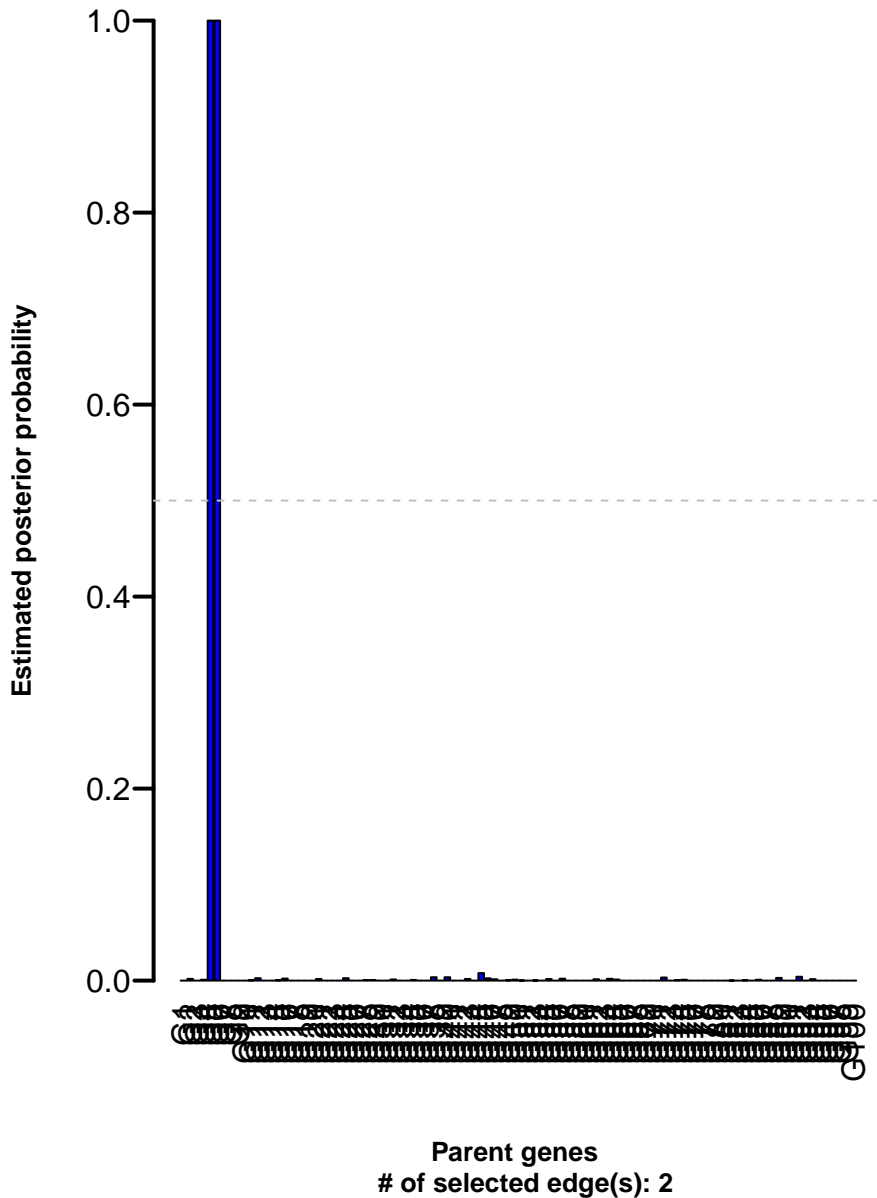
**Number of changepoint**  
– target gene: G6 –



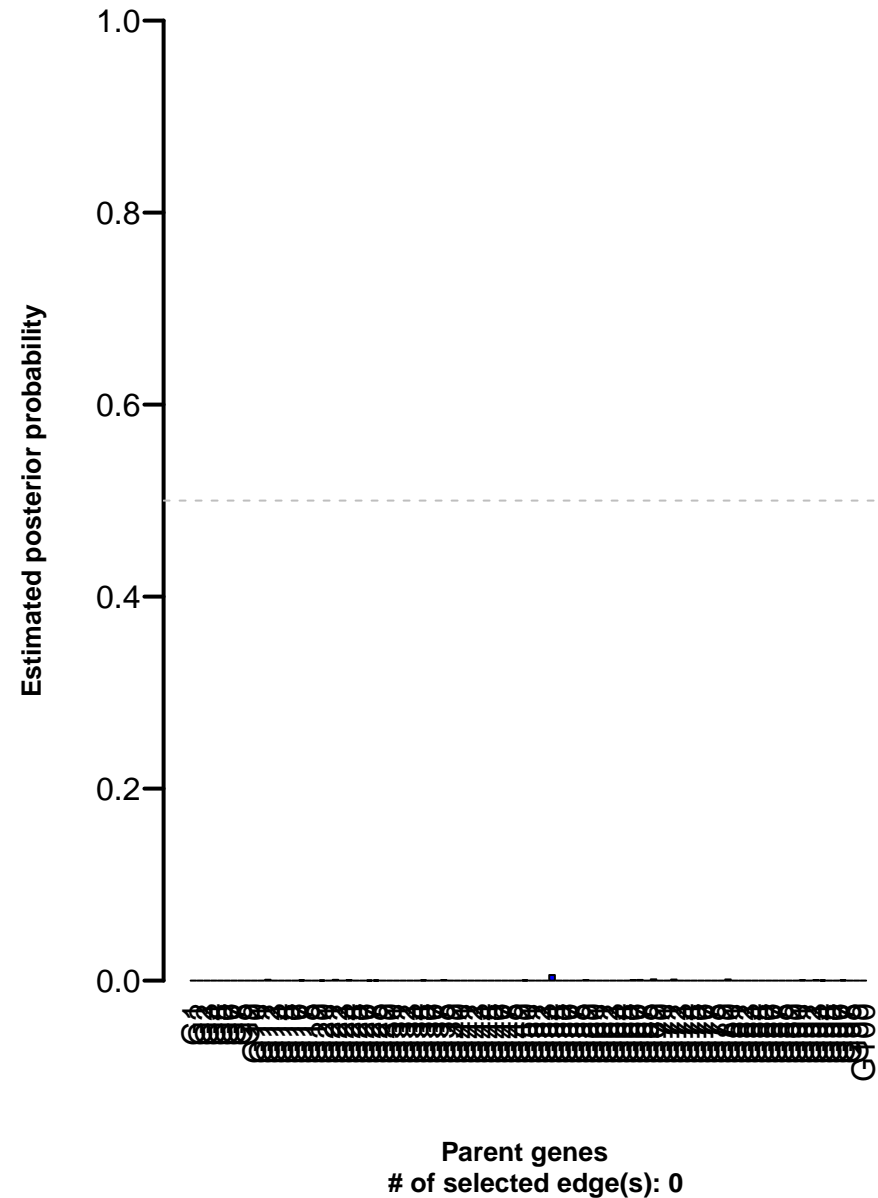
**Changepoint position**  
– target gene: G6 –



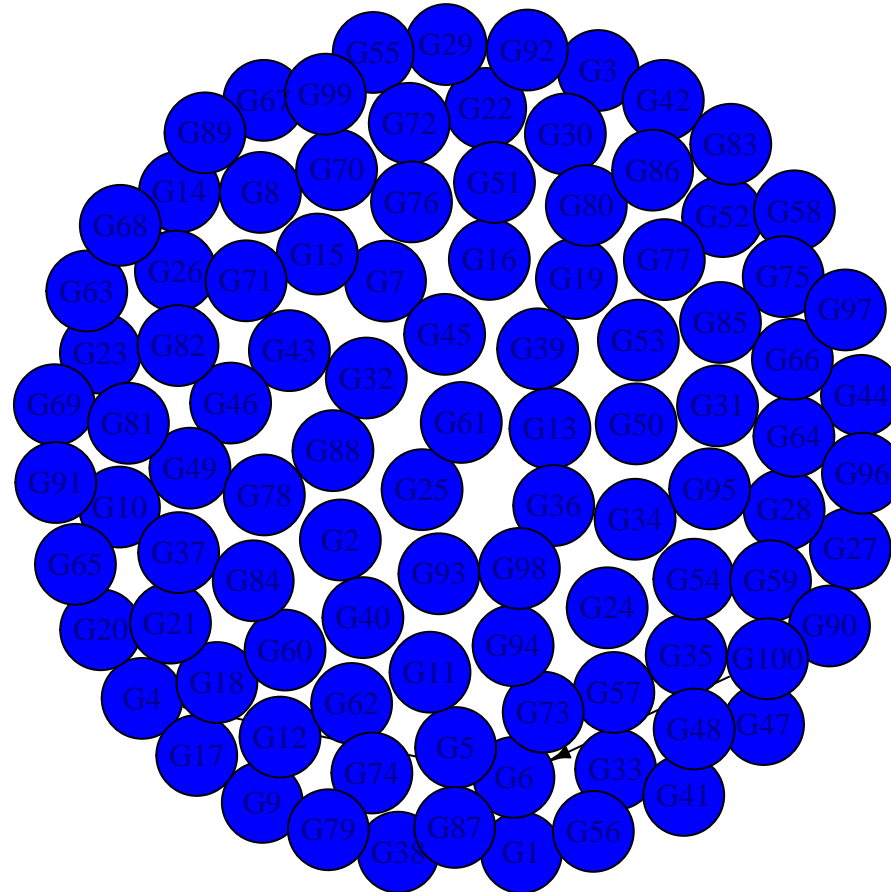
Regulatory model for target gene: G6  
Temporal segment # 1 : [ 2 , 10 ]



Regulatory model for target gene: G6  
Temporal segment # 2 : [ 11 , 21 ]

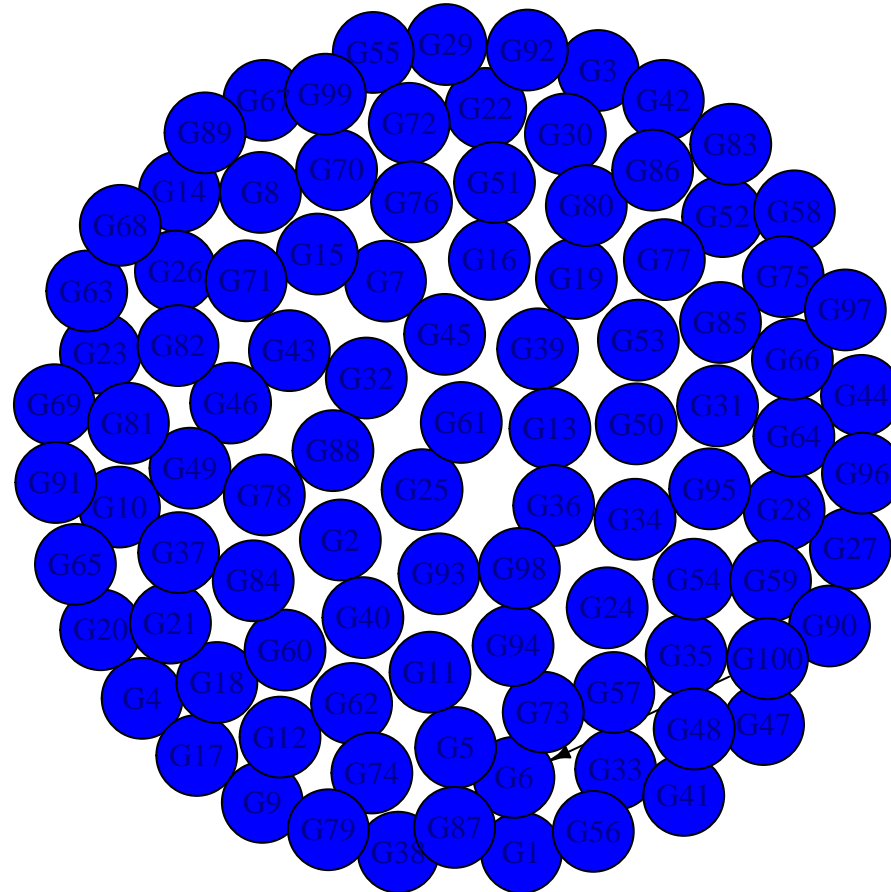


**Sub-network # 1**  
**( time point 2 to 10 )**



— 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)**

| <b>parentGene</b> | <b>targetGene</b> | <b>postProb</b> | <b>CPstart</b> | <b>CPend</b> | <b>interactionSign</b> |
|-------------------|-------------------|-----------------|----------------|--------------|------------------------|
| 46                | 1                 | 1               | 2              | 10           | +                      |
| 57                | 1                 | 1               | 2              | 10           | +                      |