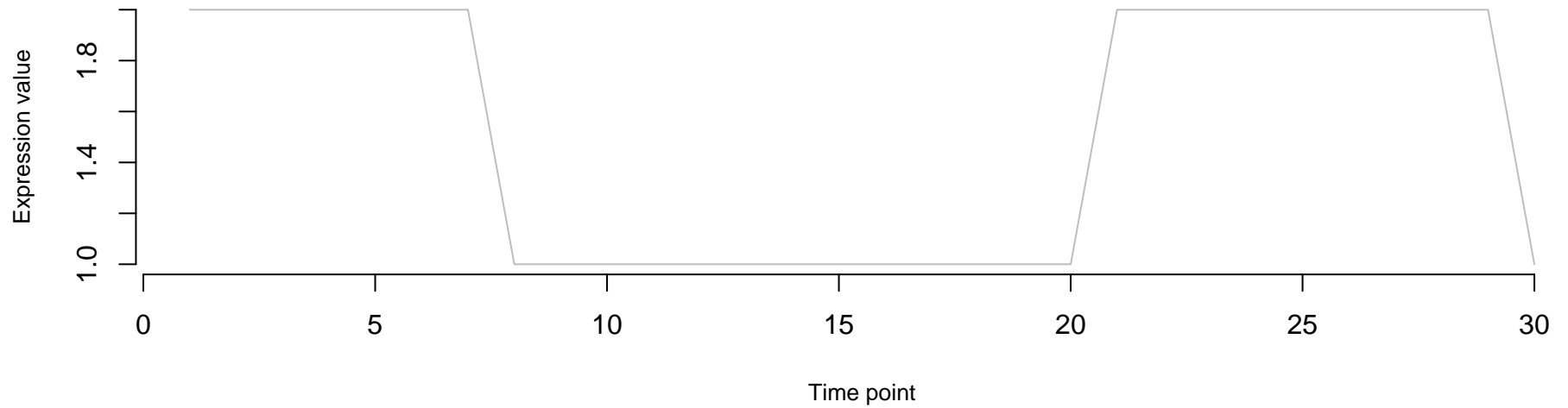


**Target gene expression profile**



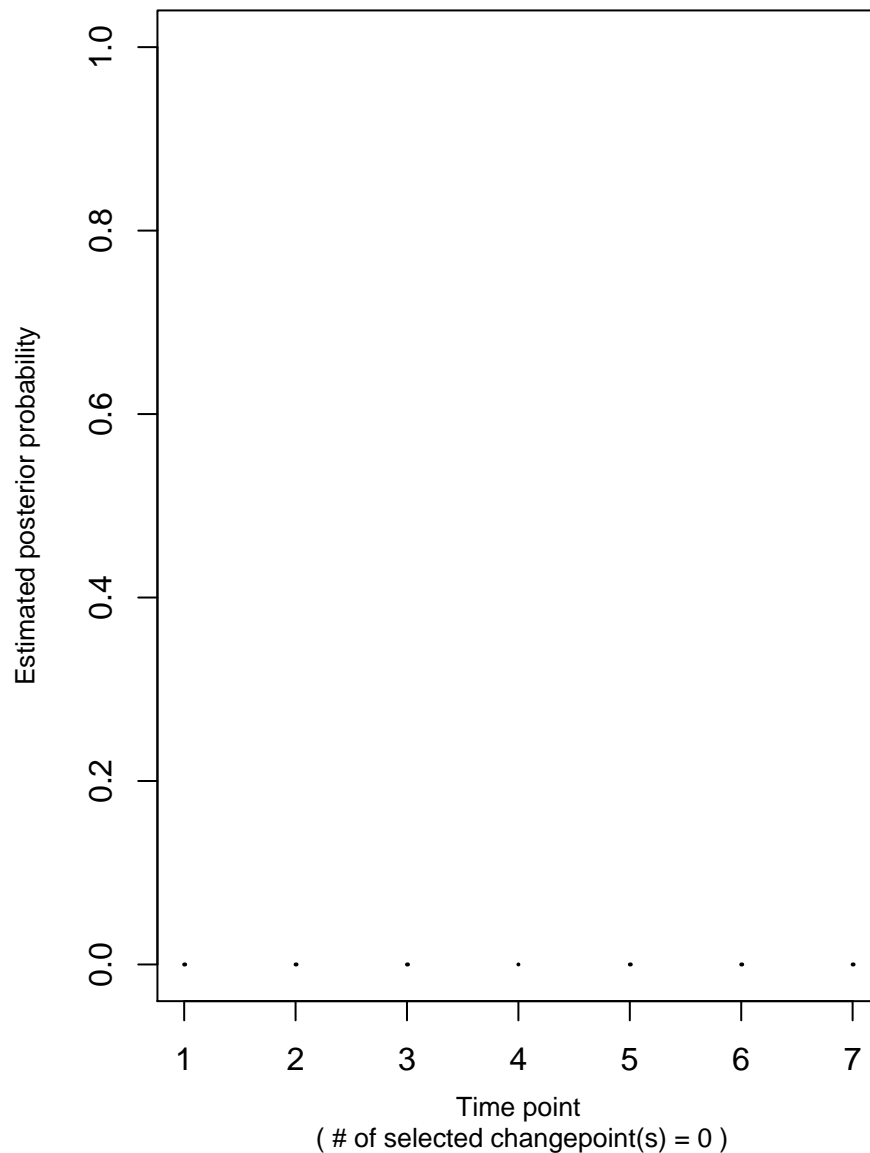
**Parent gene expression profiles**



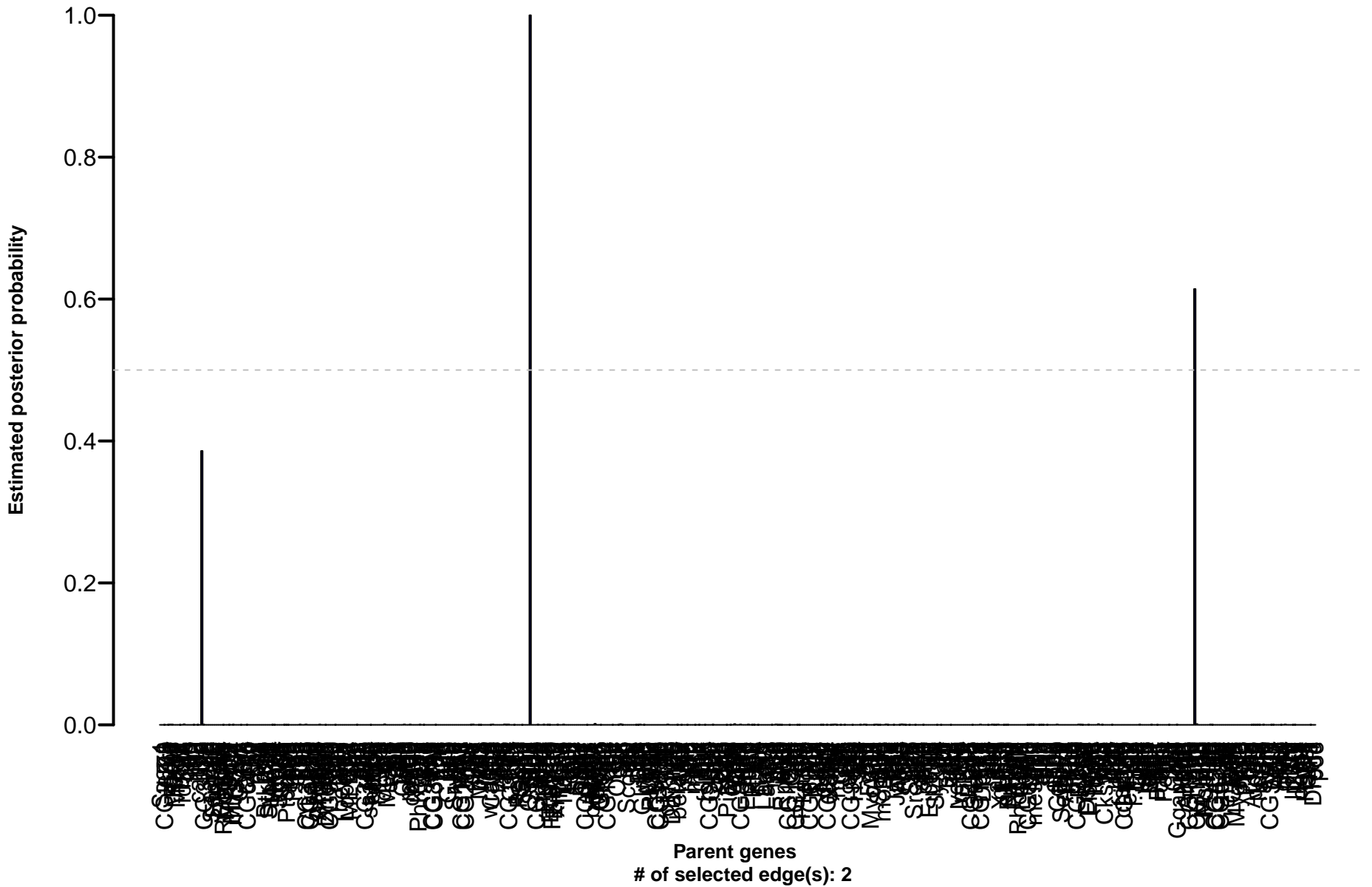
**Number of changepoint**  
– target gene: Arc.p34 –



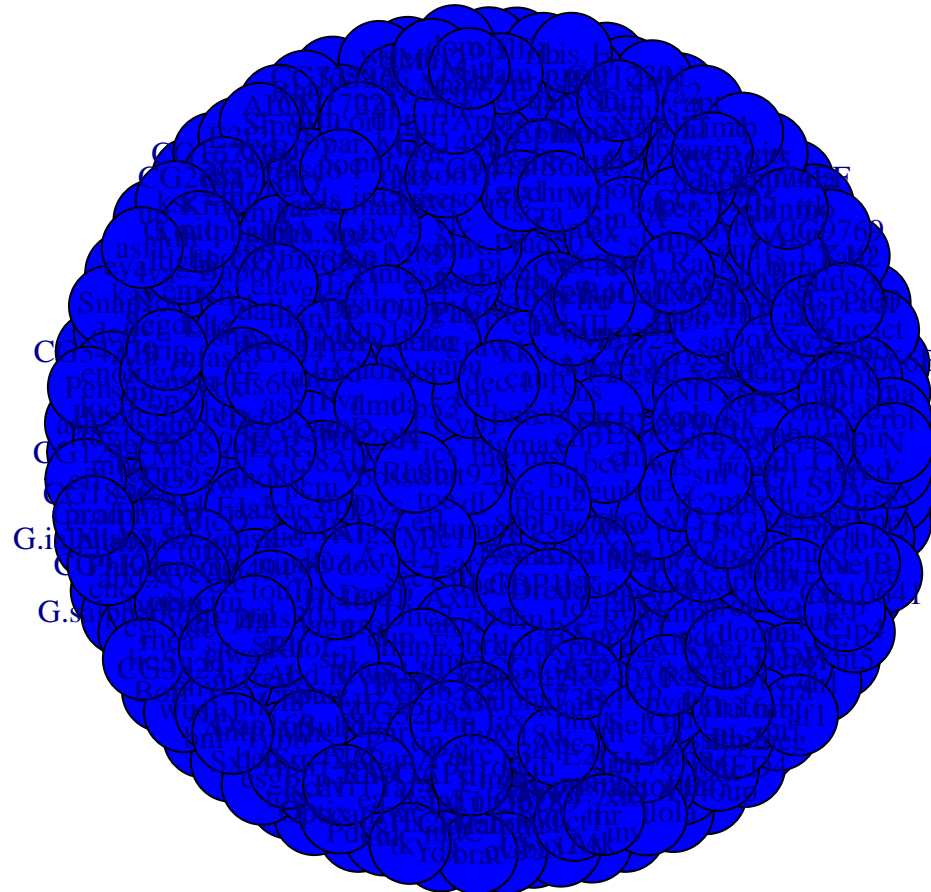
**Changepoint position**  
– target gene: Arc.p34 –



**Regulatory model for target gene: Arc.p34**  
**Temporal segment # 1 : [ 2 , 6 ]**



Sub-network # 1  
( time point 2 to 6 )



— 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> |
|-------------------|-------------------|-----------------|----------------|--------------|------------------------|
| 502               | 1                 | 1               | 2              | 6            | +                      |
| 174               | 1                 | 0.6142          | 2              | 6            | +                      |