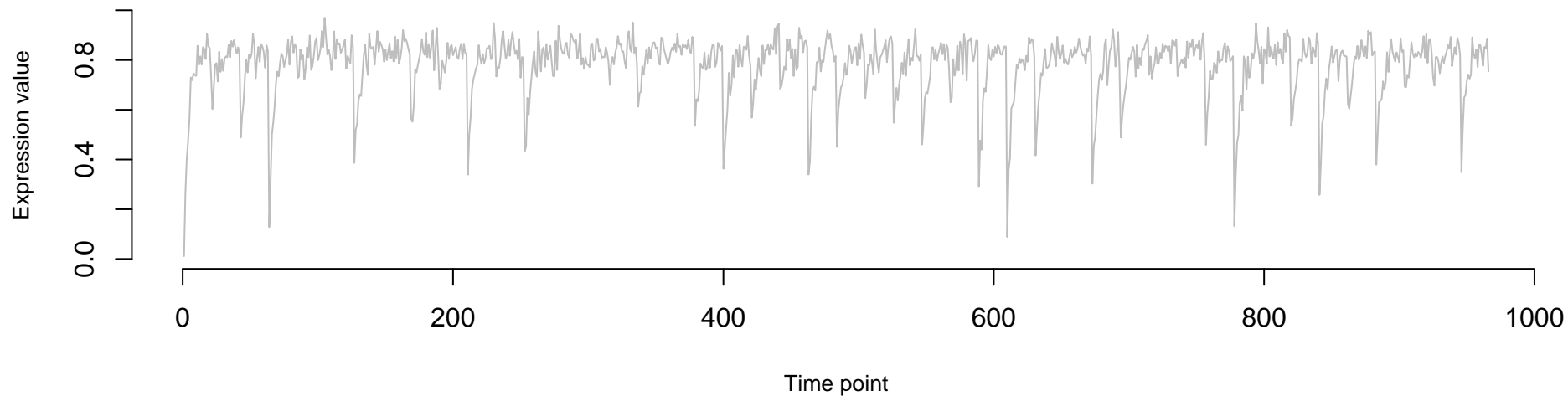


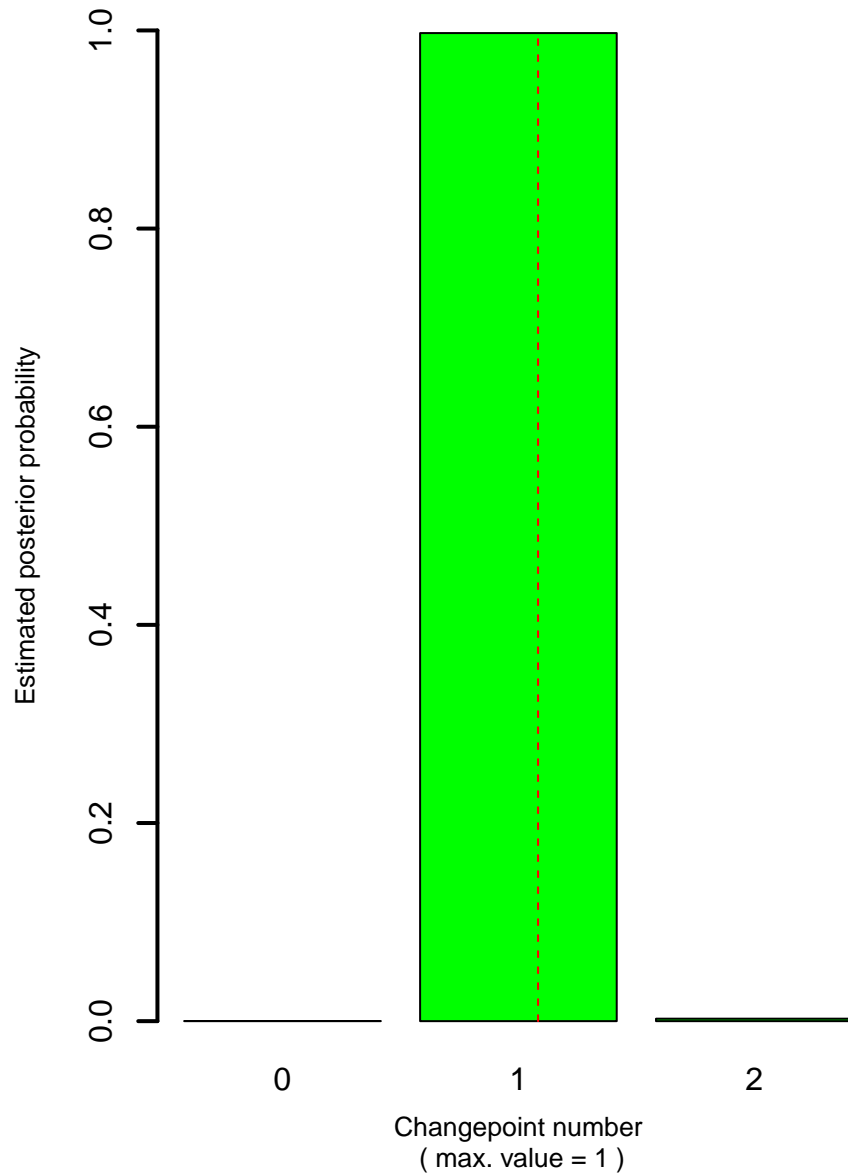
**Target gene expression profile**



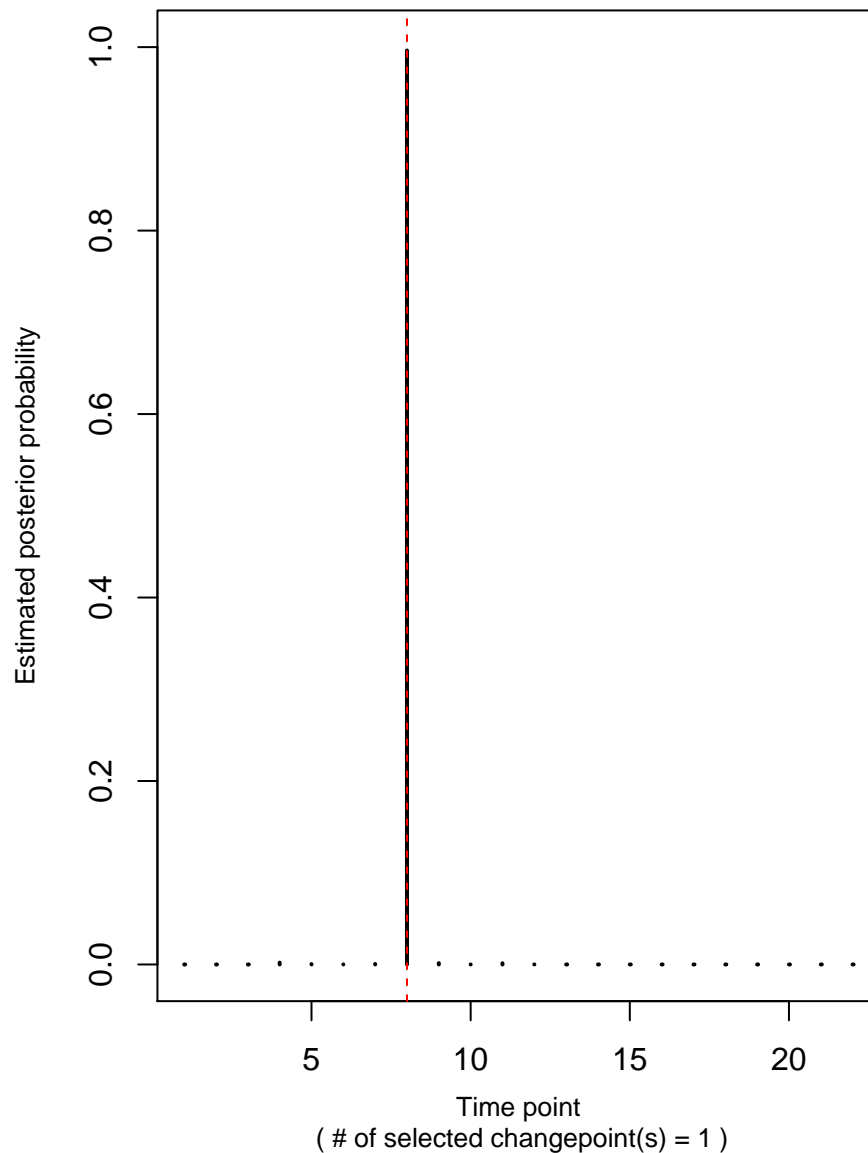
**Parent gene expression profiles**



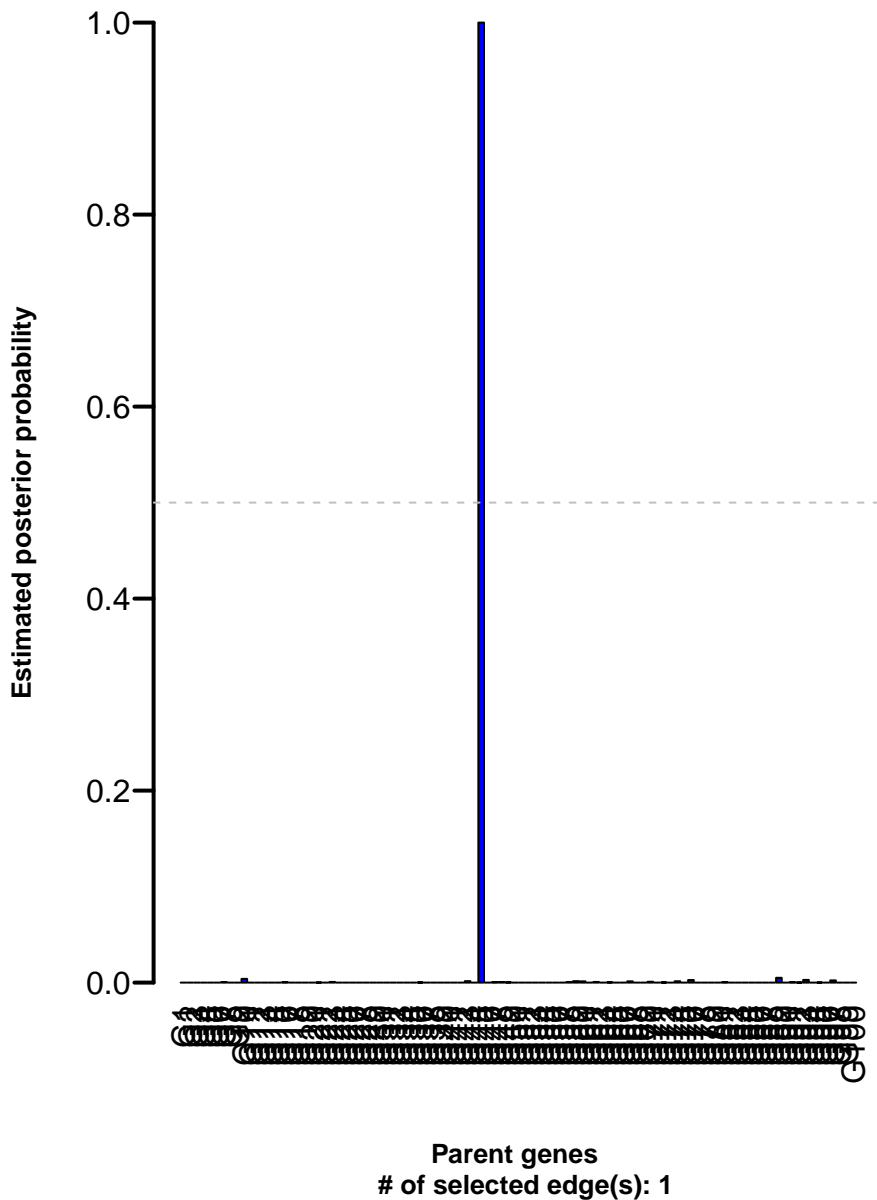
**Number of changepoint**  
– target gene: G45 –



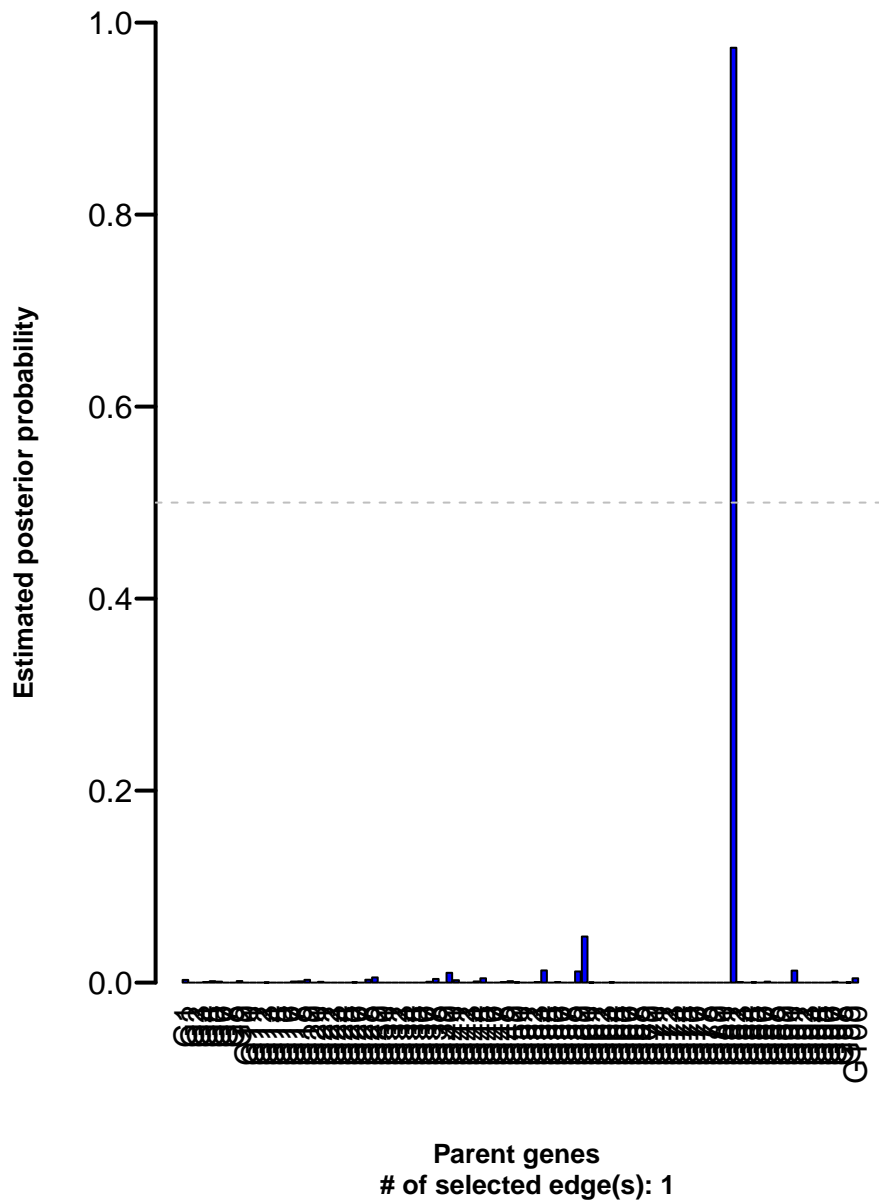
**Changepoint position**  
– target gene: G45 –



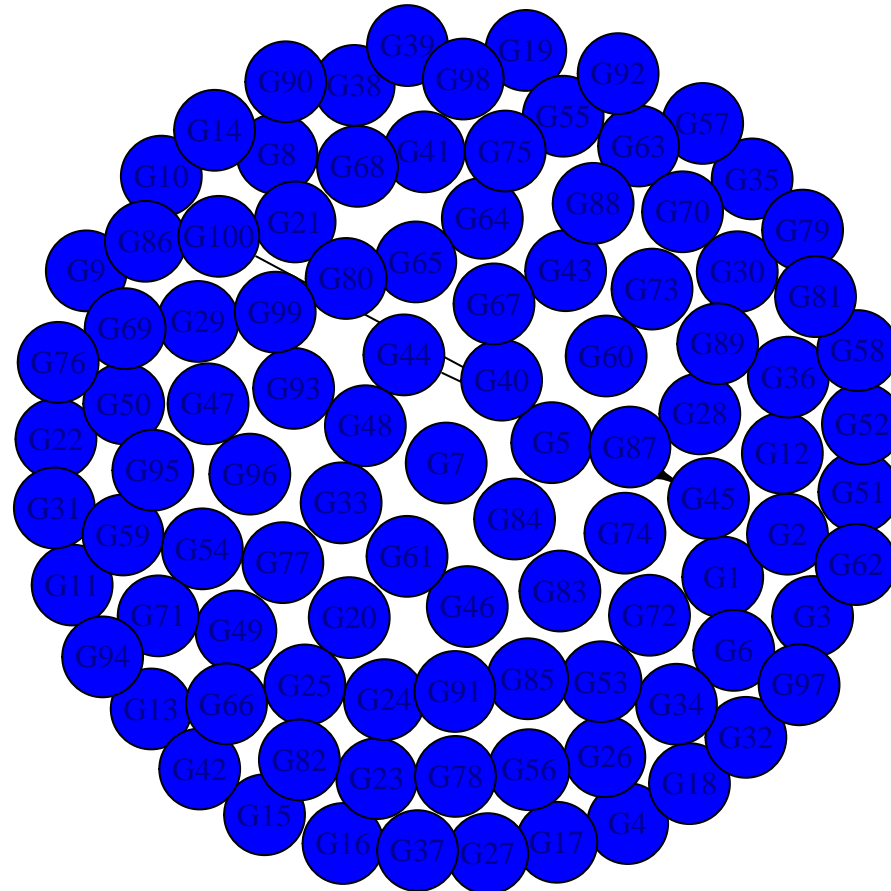
**Regulatory model for target gene: G45**  
**Temporal segment # 1 : [ 2 , 7 ]**



**Regulatory model for target gene: G45**  
**Temporal segment # 2 : [ 8 , 21 ]**

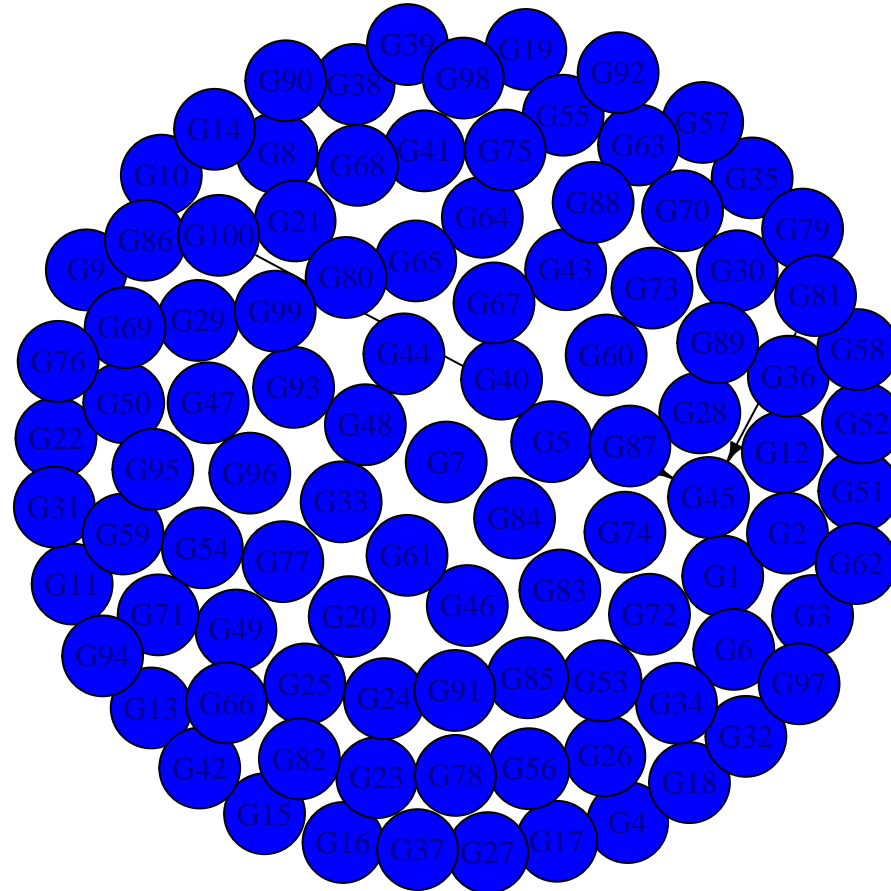


**Sub-network # 1**  
**( time point 2 to 7 )**



— Positive interaction  
- - - Negative interaction

**Sub-network # 2**  
**( time point 8 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>
41	1	1	2	7	+
82	1	0.9738	8	21	-