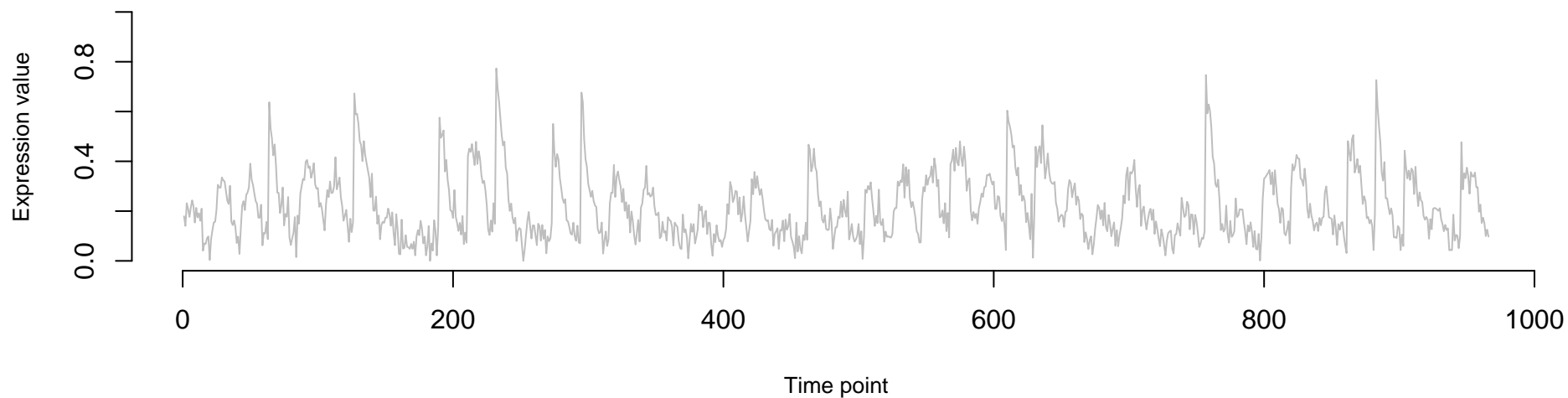


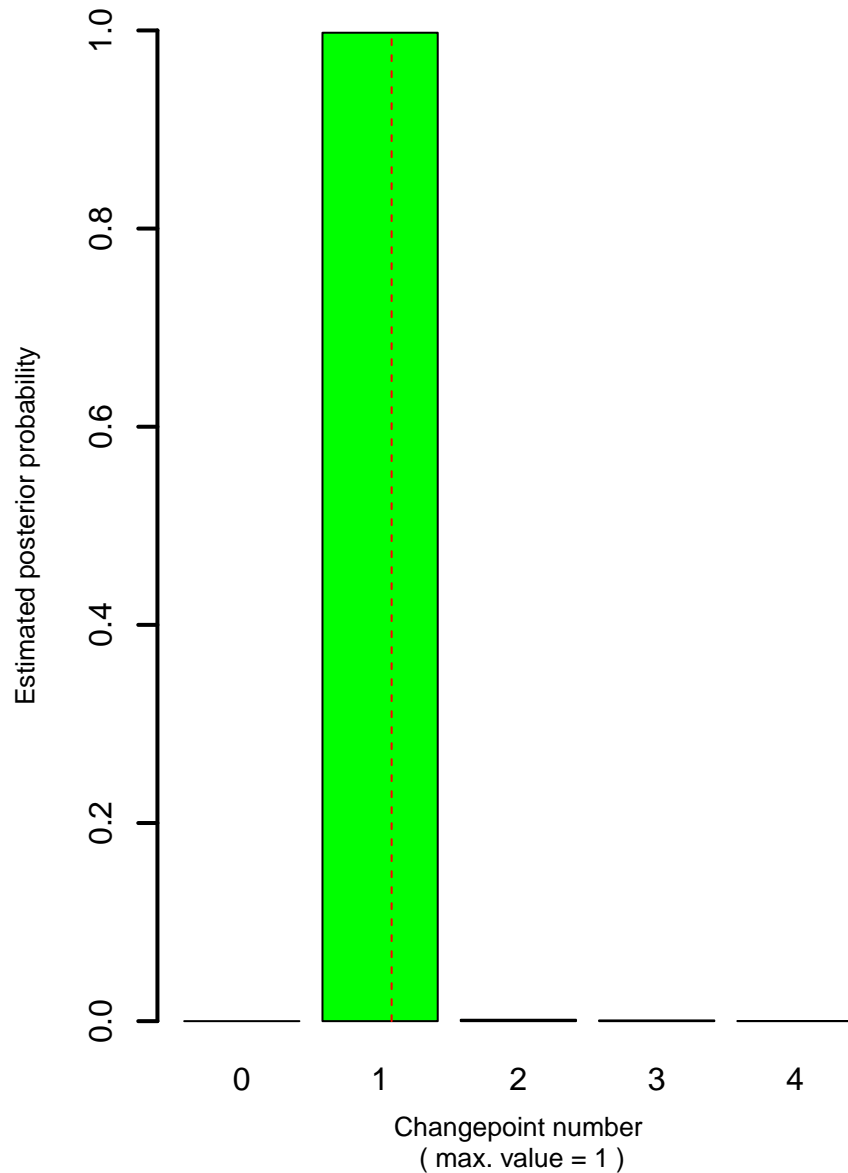
**Target gene expression profile**



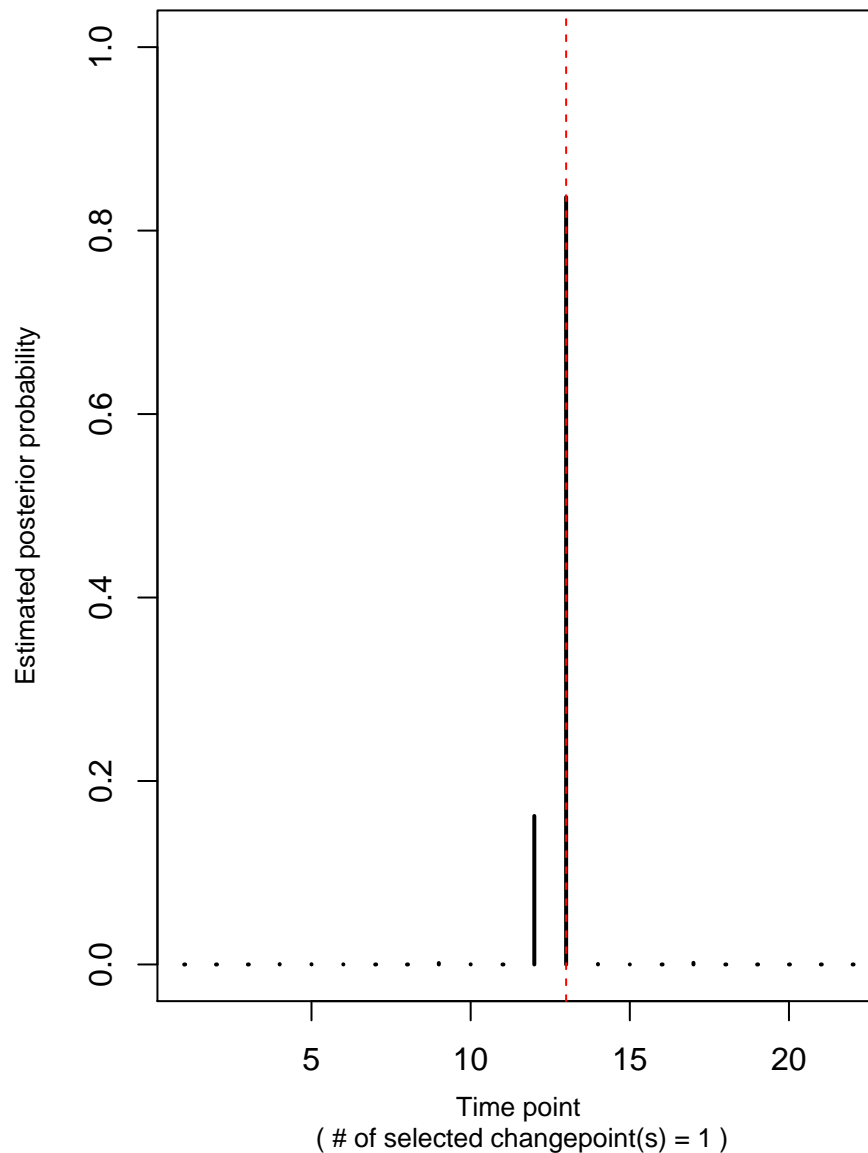
**Parent gene expression profiles**



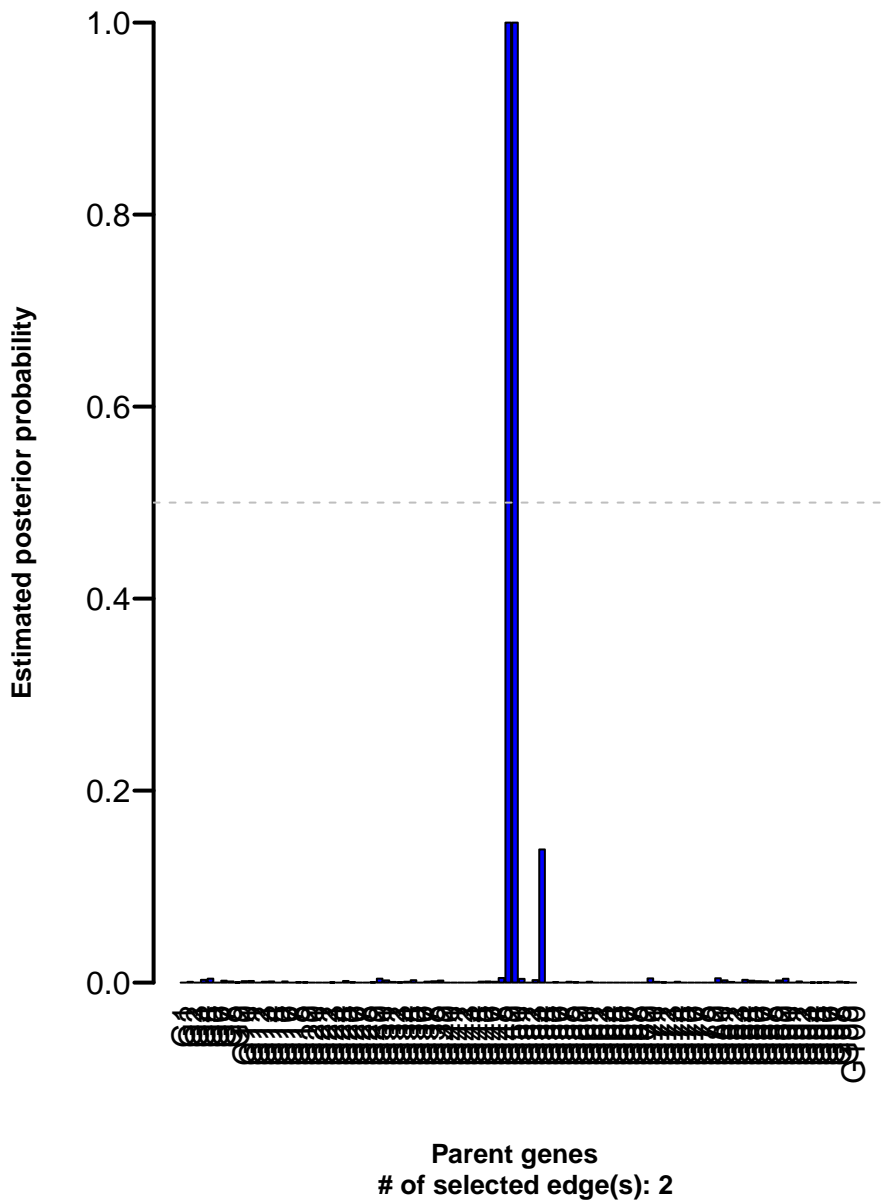
**Number of changepoint**  
– target gene: G50 –



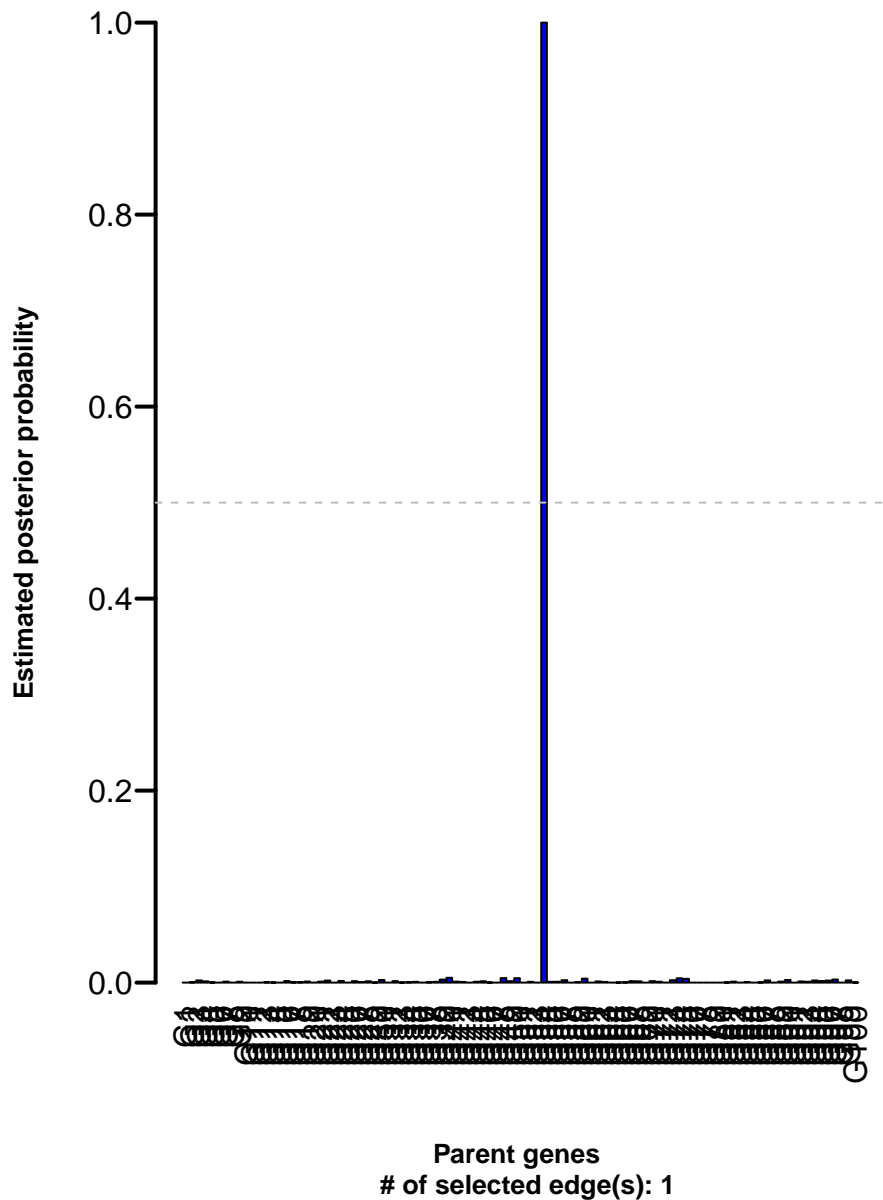
**Changepoint position**  
– target gene: G50 –



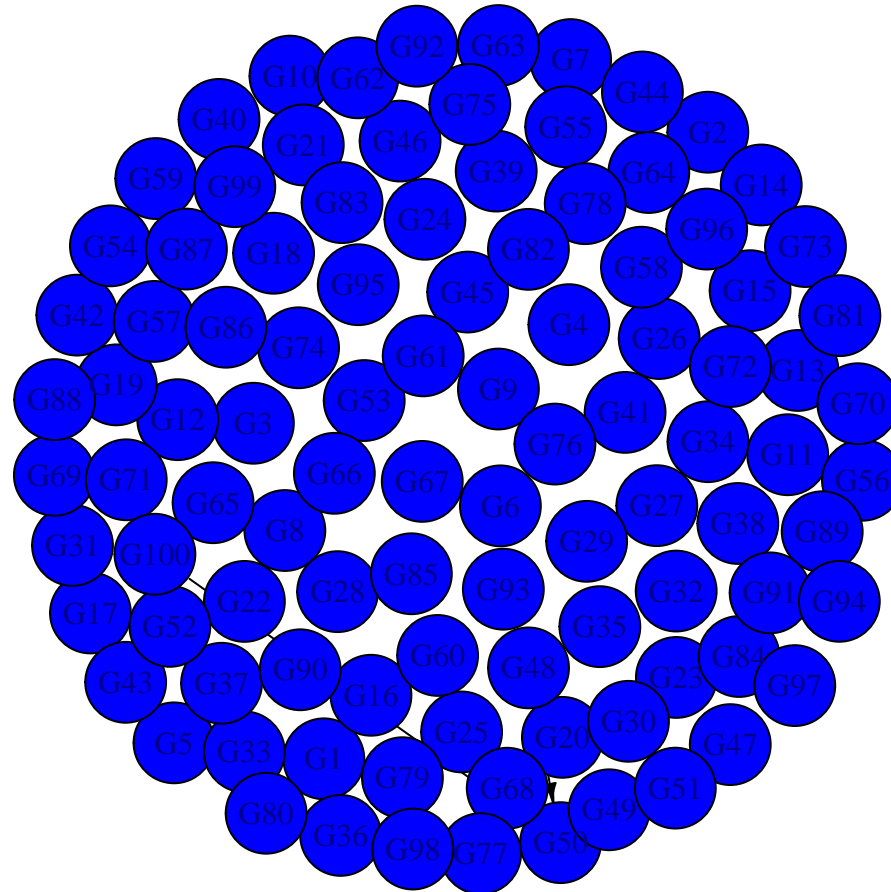
Regulatory model for target gene: G50  
Temporal segment # 1 : [ 2 , 12 ]



Regulatory model for target gene: G50  
Temporal segment # 2 : [ 13 , 21 ]

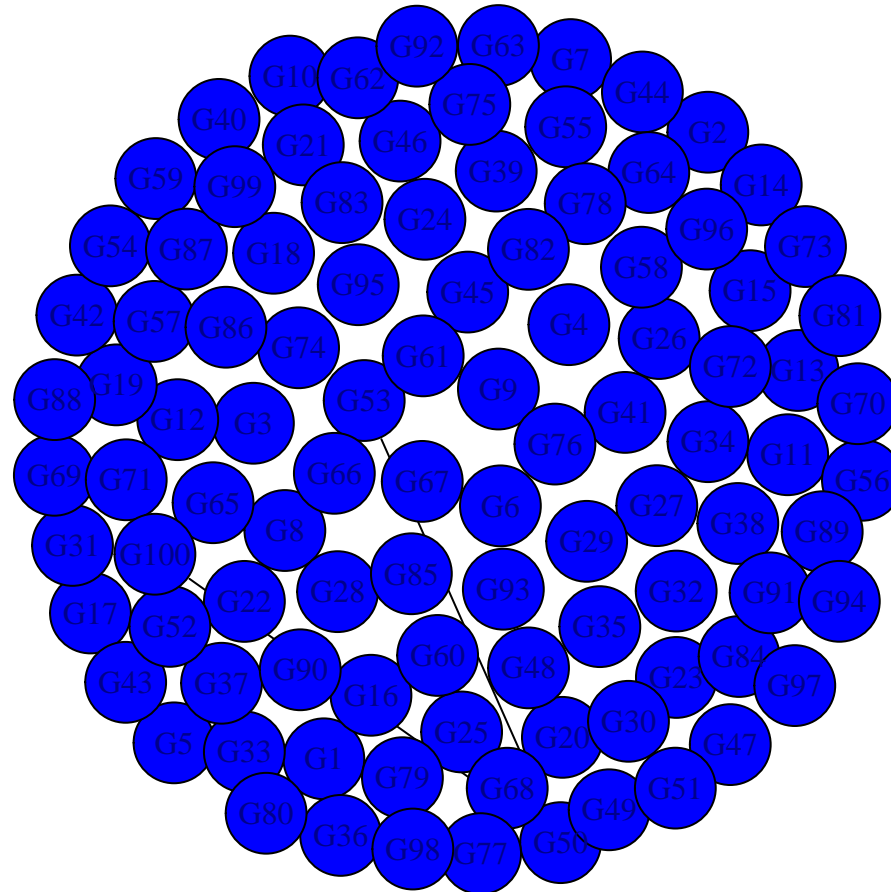


**Sub-network # 1**  
**( time point 2 to 12 )**



— Positive interaction  
---- Negative interaction

**Sub-network # 2**  
**( time point 13 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>
45	1	1	2	12	+
47	1	1	2	12	+
51	1	1	13	21	+