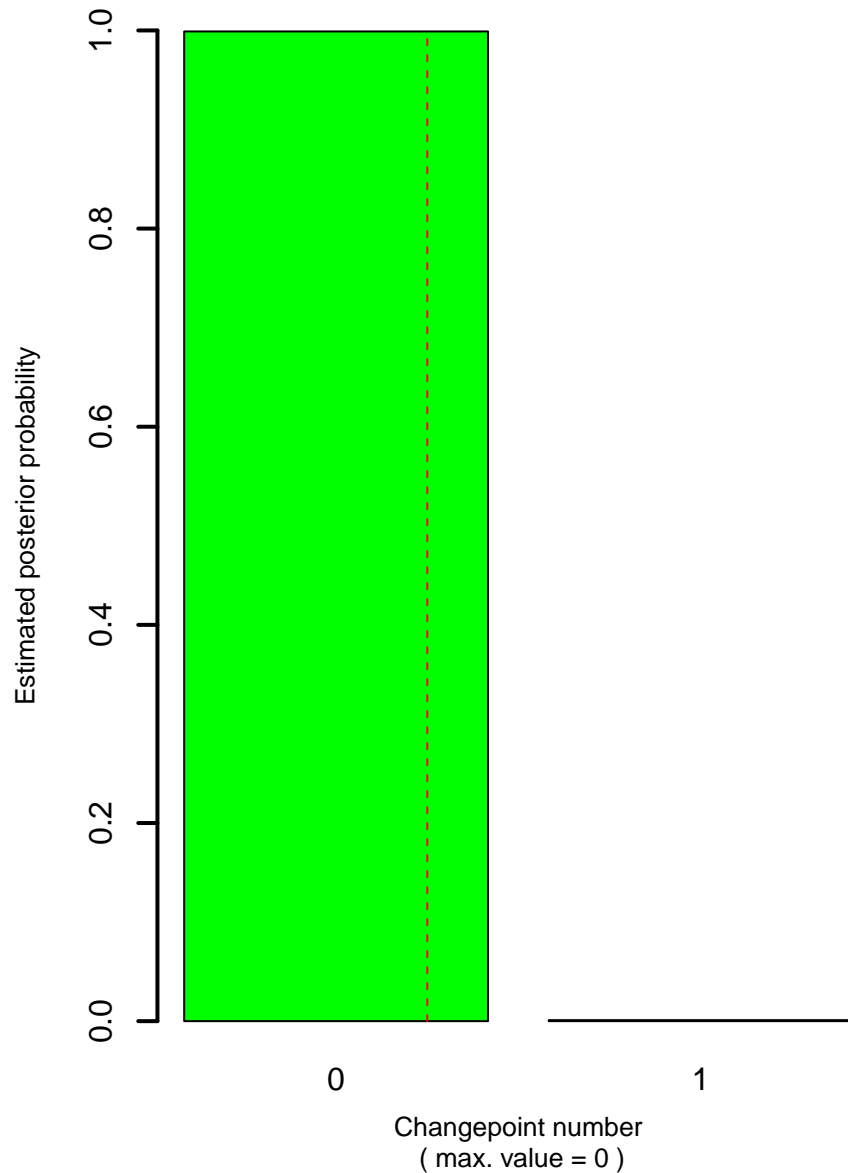


The graph displays the normalized concentration of the active form of the inhibitor over 30 time points. The concentration starts at 1.0, rises to 2.0 at time point 2, stays at 2.0 until time point 13, drops to 1.0 at time point 14, stays at 1.0 until time point 20, rises to 2.0 at time point 21, drops to 1.0 at time point 23, rises to 2.0 at time point 24, and stays at 2.0 until time point 30.

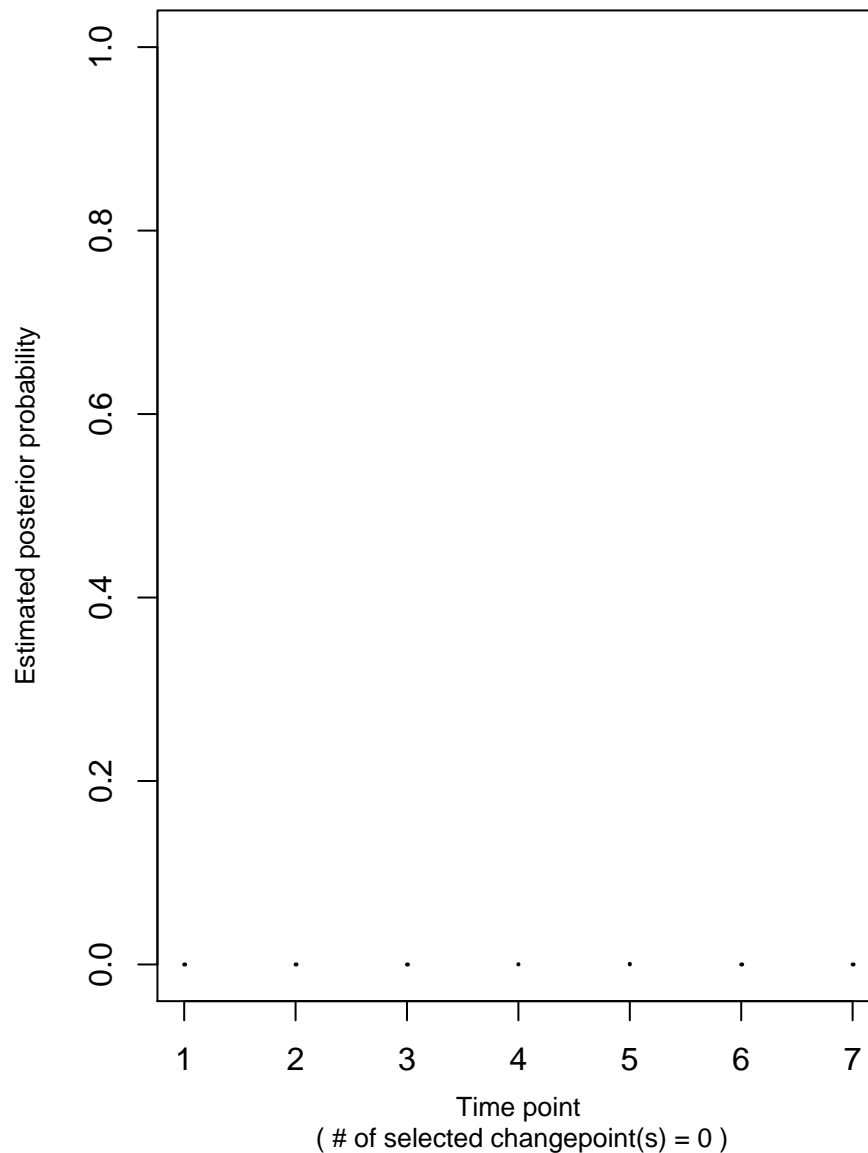
Time point	Normalized concentration
1	1.0
2	2.0
3	2.0
4	2.0
5	2.0
6	2.0
7	2.0
8	2.0
9	2.0
10	2.0
11	2.0
12	2.0
13	2.0
14	1.0
15	1.0
16	1.0
17	1.0
18	1.0
19	1.0
20	1.0
21	2.0
22	2.0
23	1.0
24	2.0
25	2.0
26	2.0
27	2.0
28	2.0
29	2.0
30	2.0

The graph illustrates a periodic gene expression pattern. The expression value starts at 1.0 at time point 1, rises linearly to a peak of approximately 1.95 at time point 2, and then falls linearly back to 1.0 at time point 3. This cycle repeats every 3 time points across the entire 30-point duration.

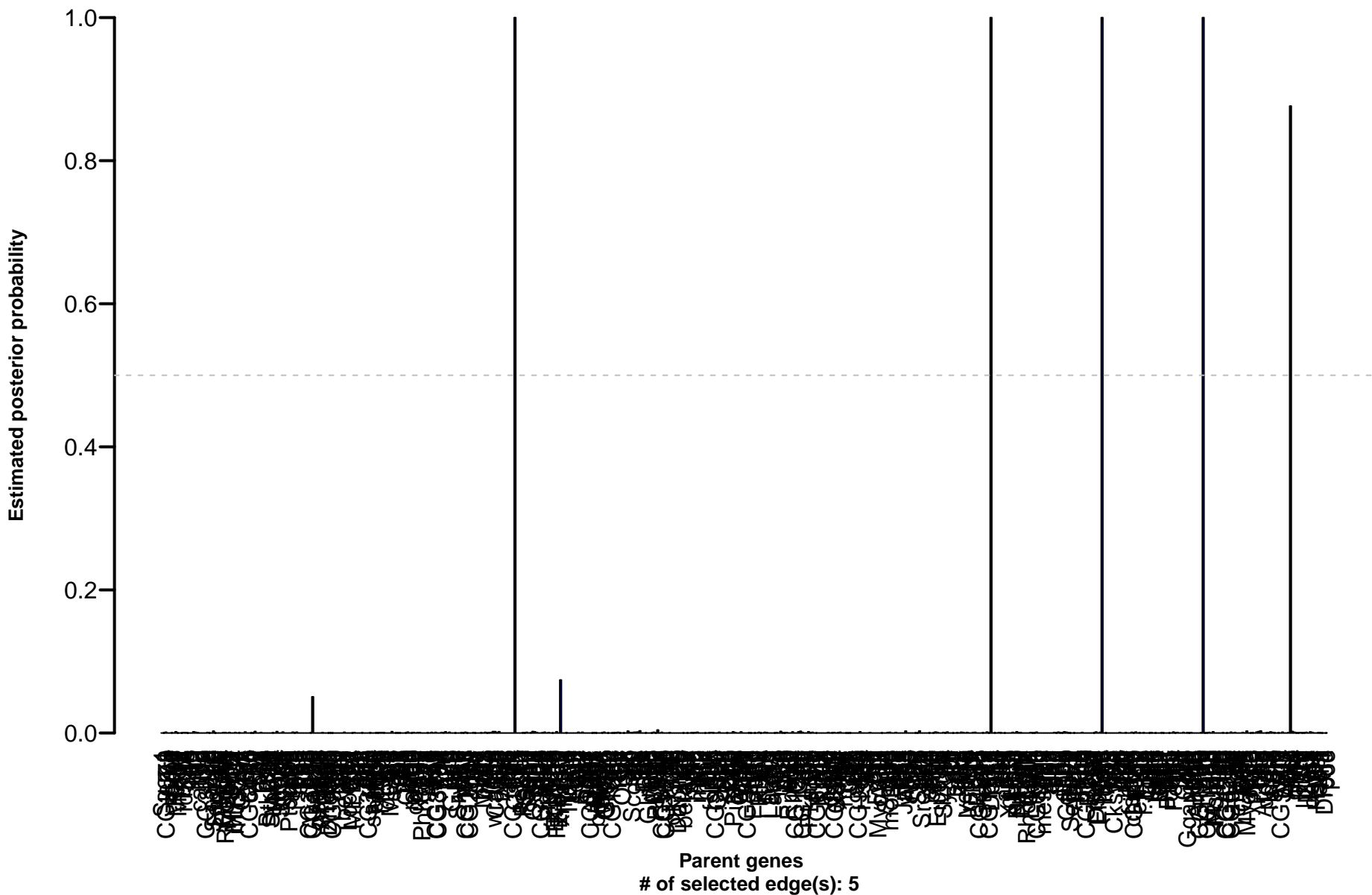
**Number of changepoint**  
– target gene: caps –



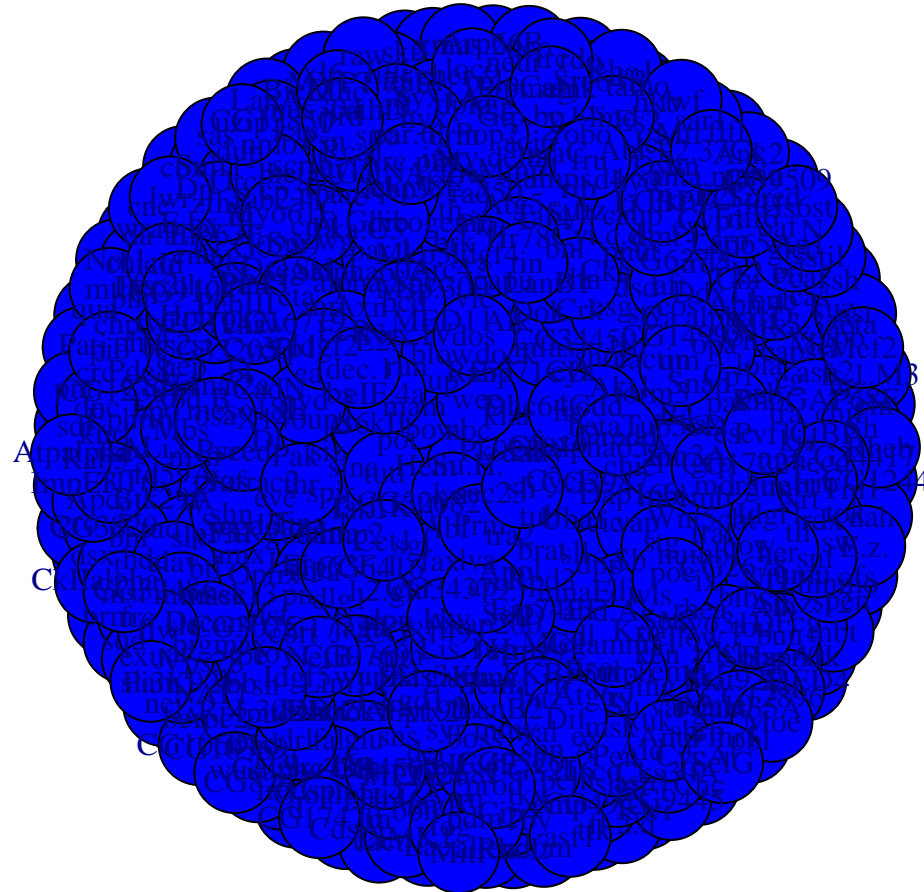
**Changepoint position**  
– target gene: caps –



Regulatory model for target gene: caps  
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>
70	1	1	2	6	–
161	1	1	2	6	+
282	1	1	2	6	–
62	1	1	2	6	+
406	1	0.8764	2	6	–