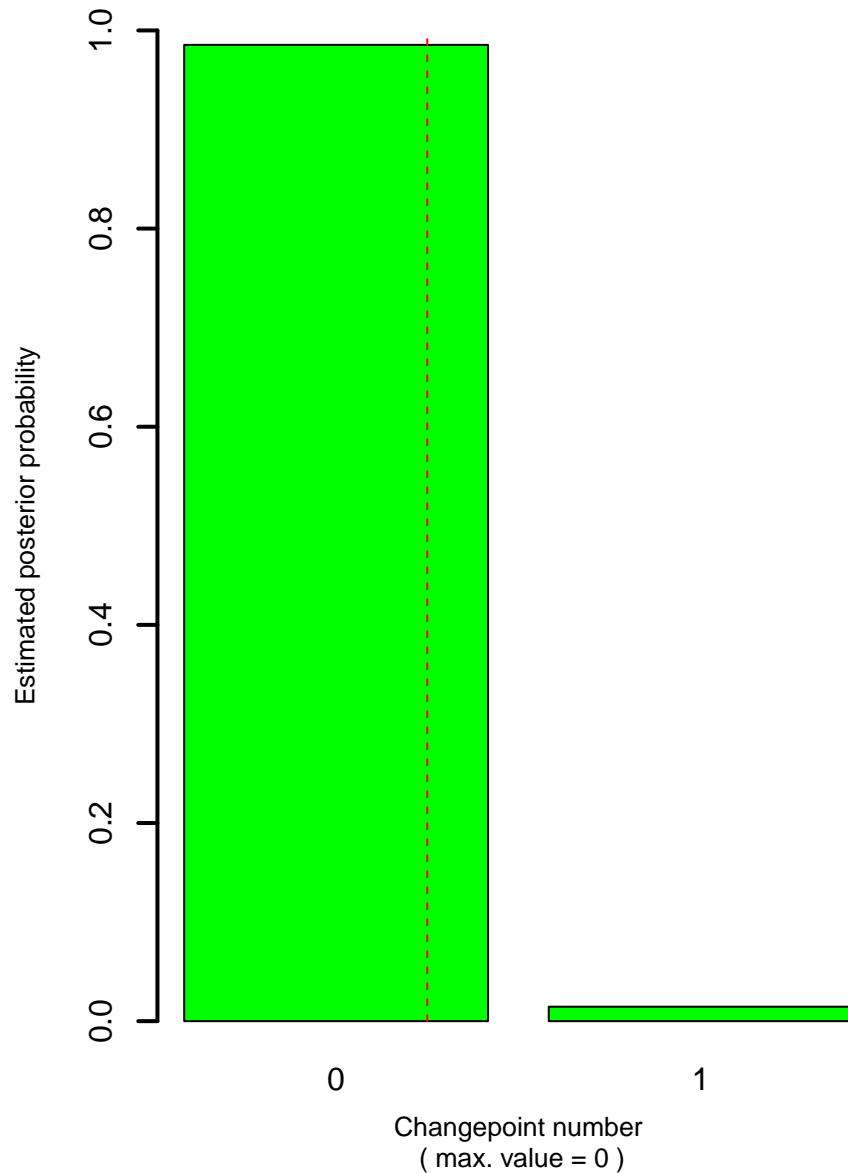


The graph displays the time course of the normalized concentration of the active form of the inhibitor,  $I_a$ , over 30 time points. The concentration starts at 2.0, drops to 1.0 at time point 4, peaks at 2.0 at time point 5, and then fluctuates between 1.0 and 2.0 with peaks at time points 9, 15, 23, and 27.

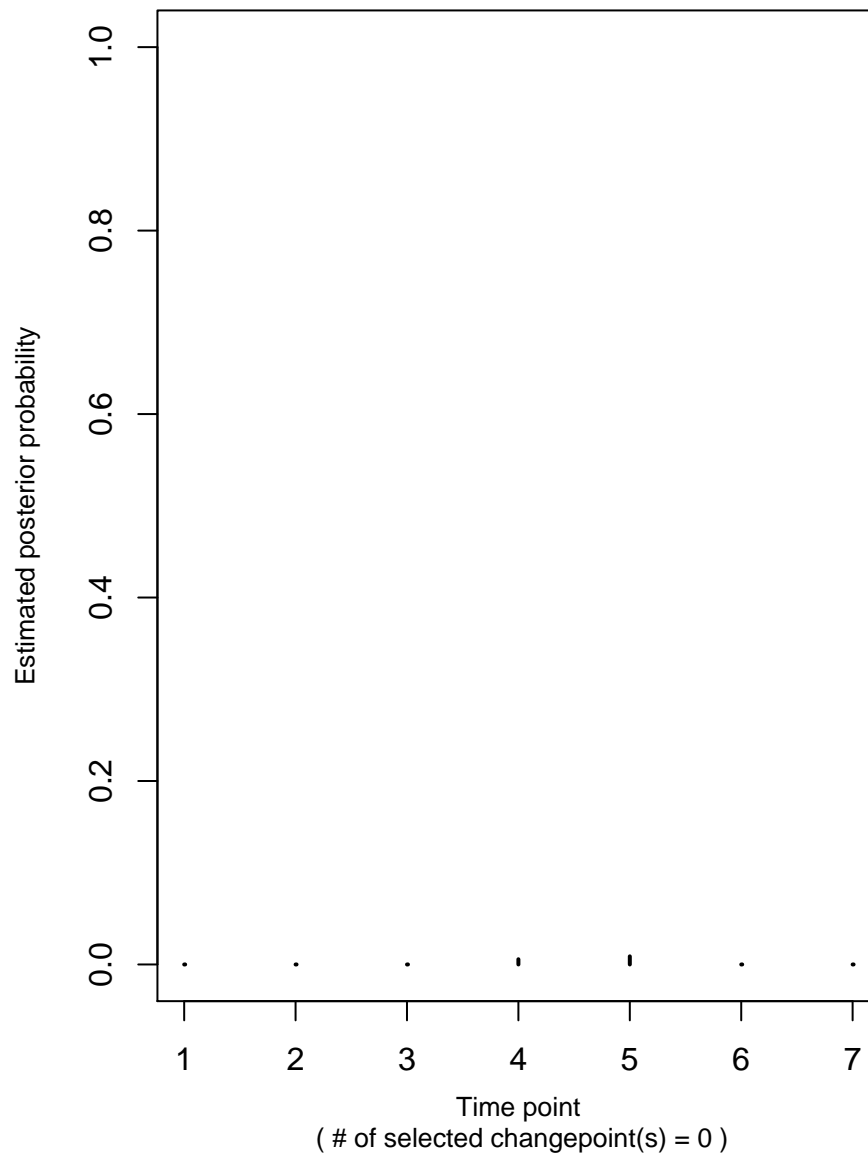
Time point	Normalized concentration of $I_a$
0	2.0
1	2.0
2	2.0
3	2.0
4	1.0
5	2.0
6	1.0
7	1.0
8	1.0
9	2.0
10	1.0
11	1.0
12	1.0
13	1.0
14	1.0
15	2.0
16	2.0
17	2.0
18	1.0
19	1.0
20	1.0
21	1.0
22	1.0
23	2.0
24	2.0
25	2.0
26	1.0
27	2.0
28	1.0
29	1.0
30	1.0

The graph displays two periodic expression profiles. The first gene (blue line) starts at 1.0 at time point 1 and reaches 1.8 at time points 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, and 30. The second gene (blue line) starts at 1.8 at time point 1 and reaches 1.0 at time points 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, and 30. Both genes have a period of 2 time units.

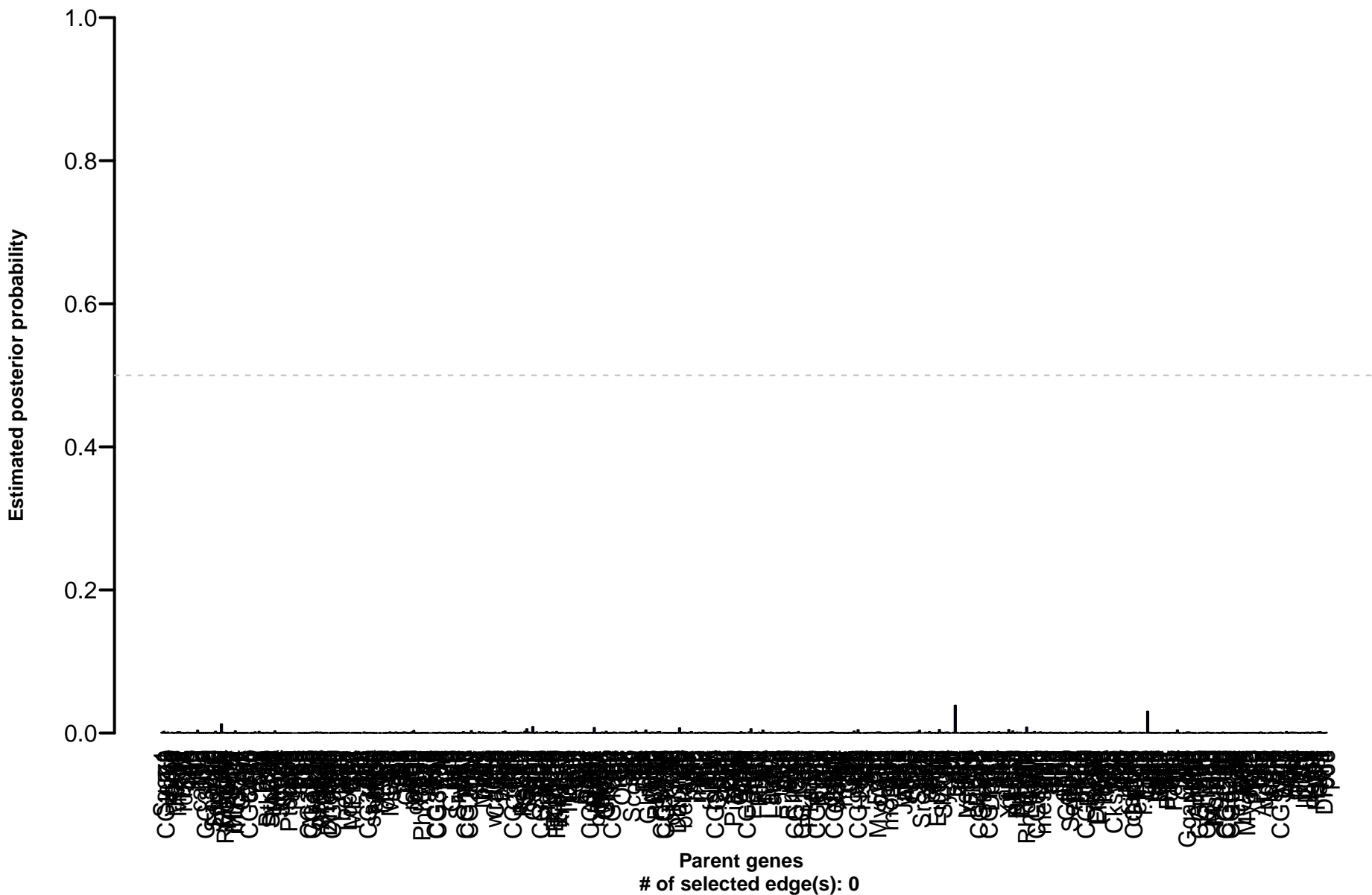
Number of changepoint  
– target gene: pdm2 –



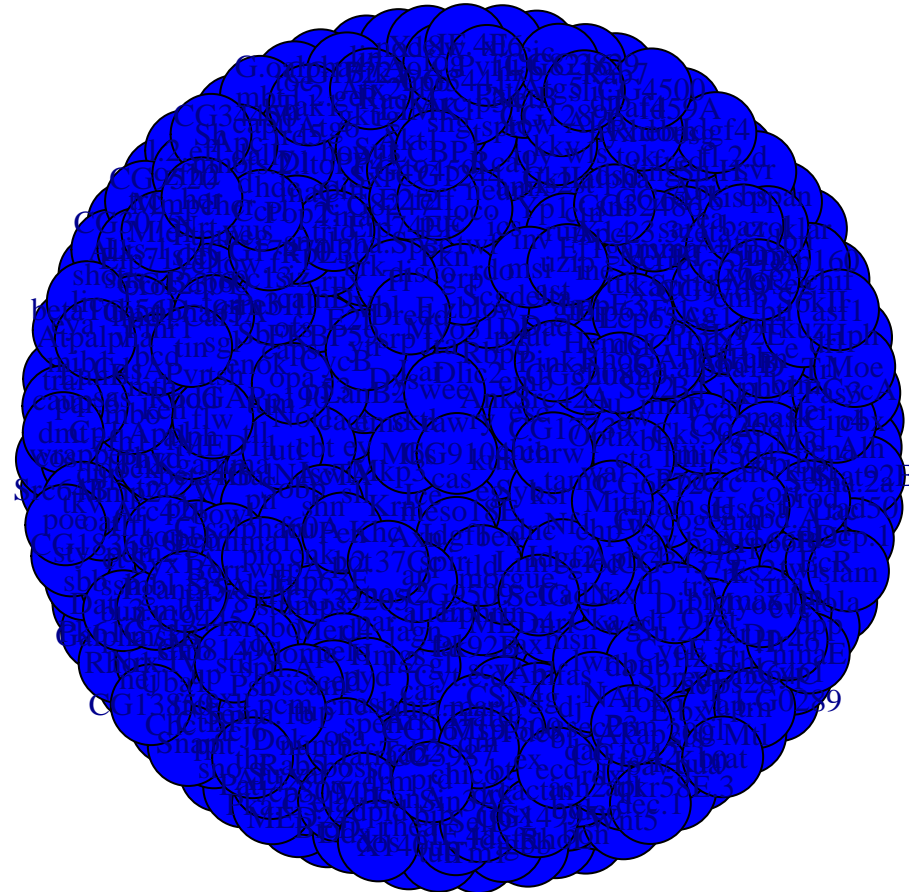
Changepoint position  
– target gene: pdm2 –



Regulatory model for target gene: pdm2  
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>
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