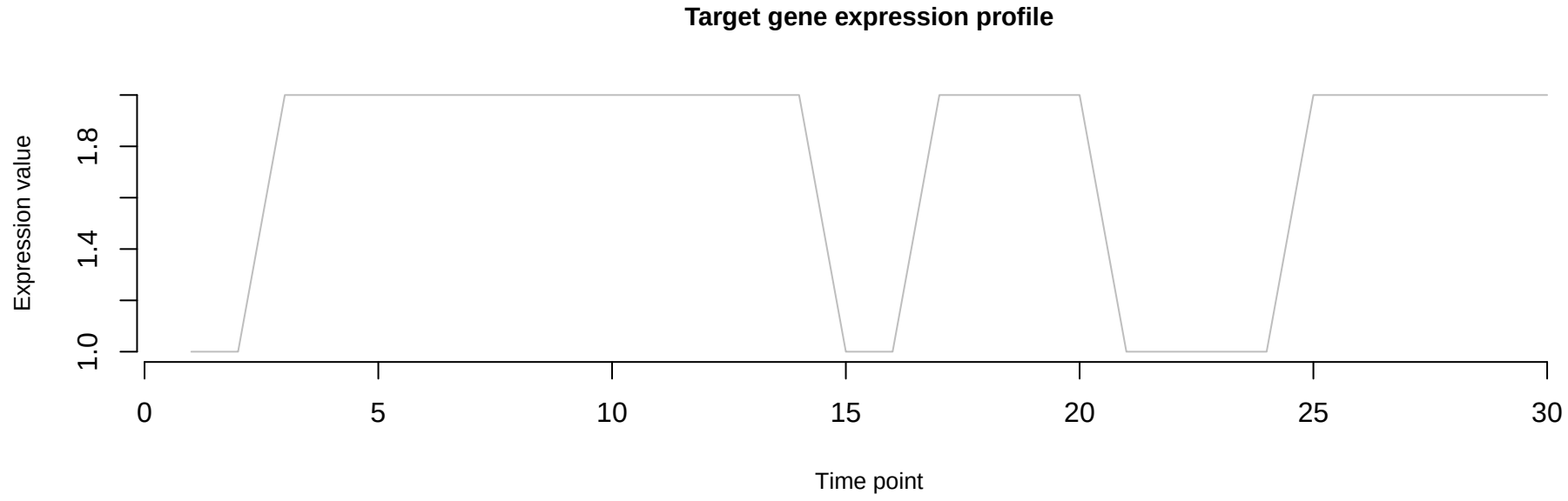
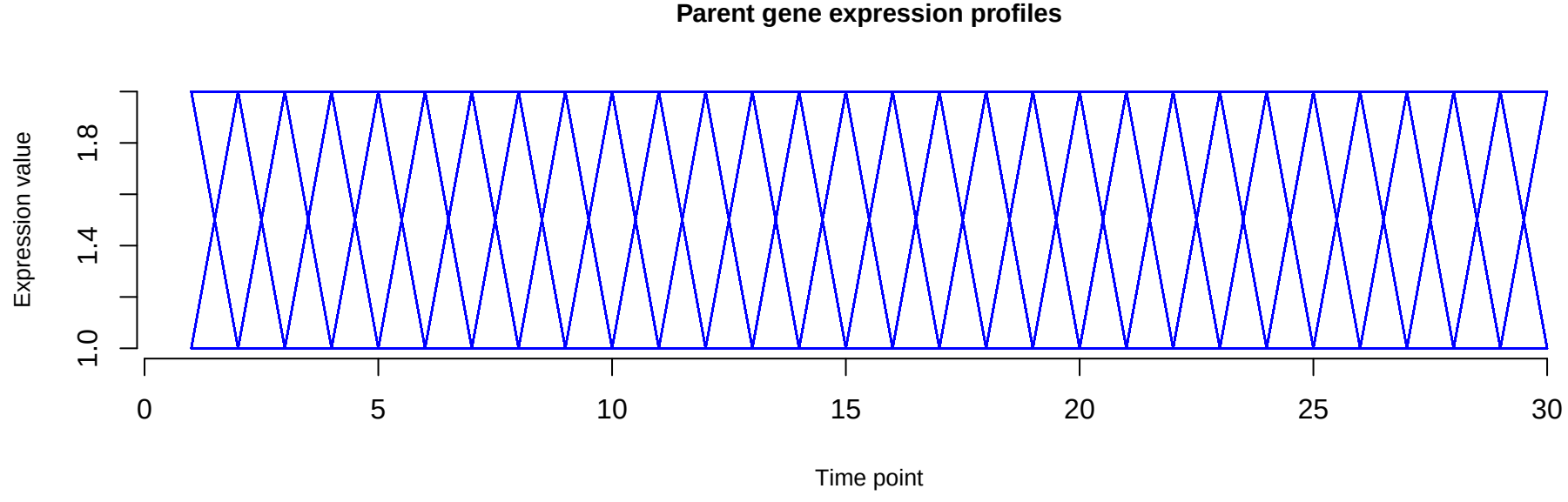
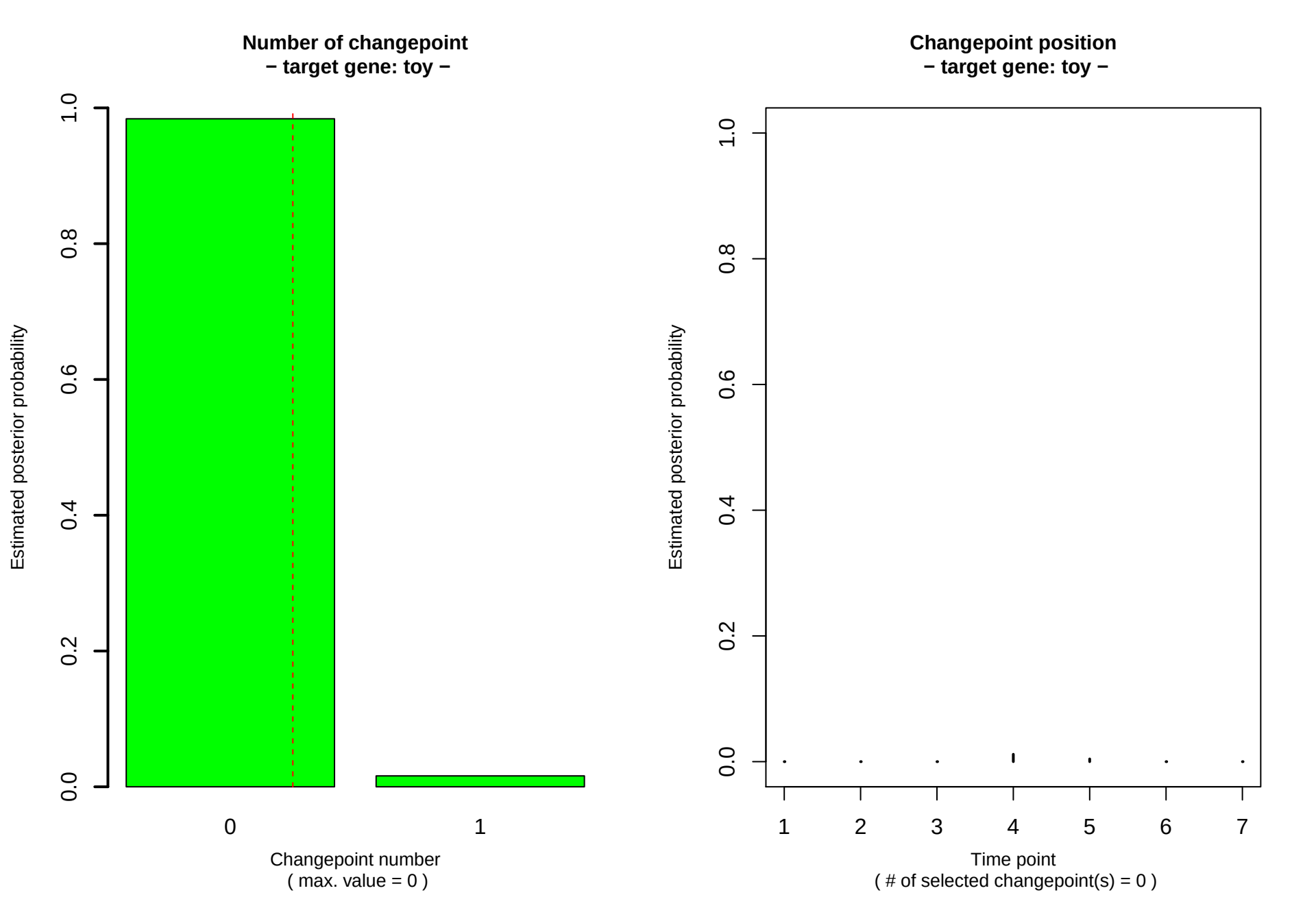
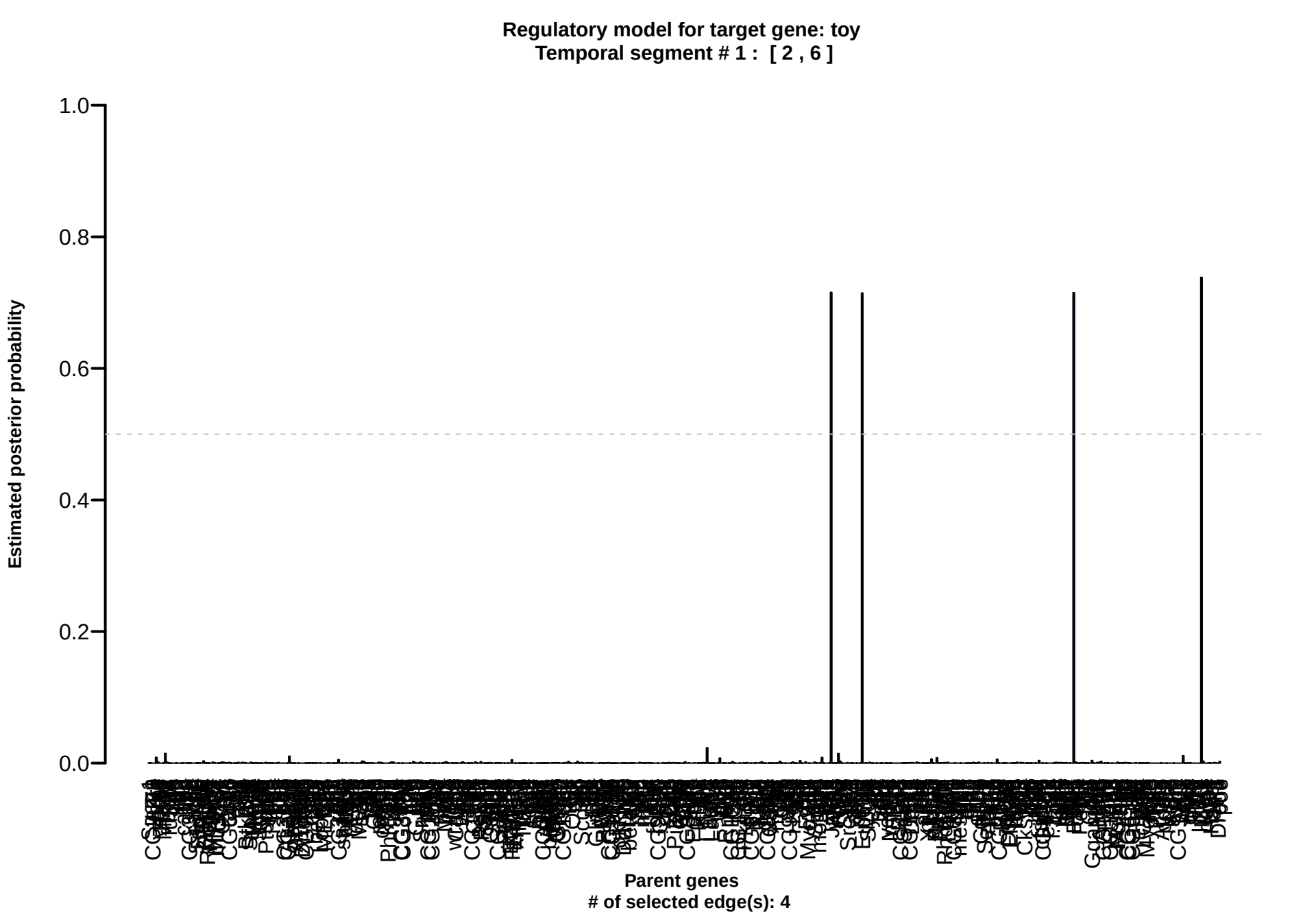
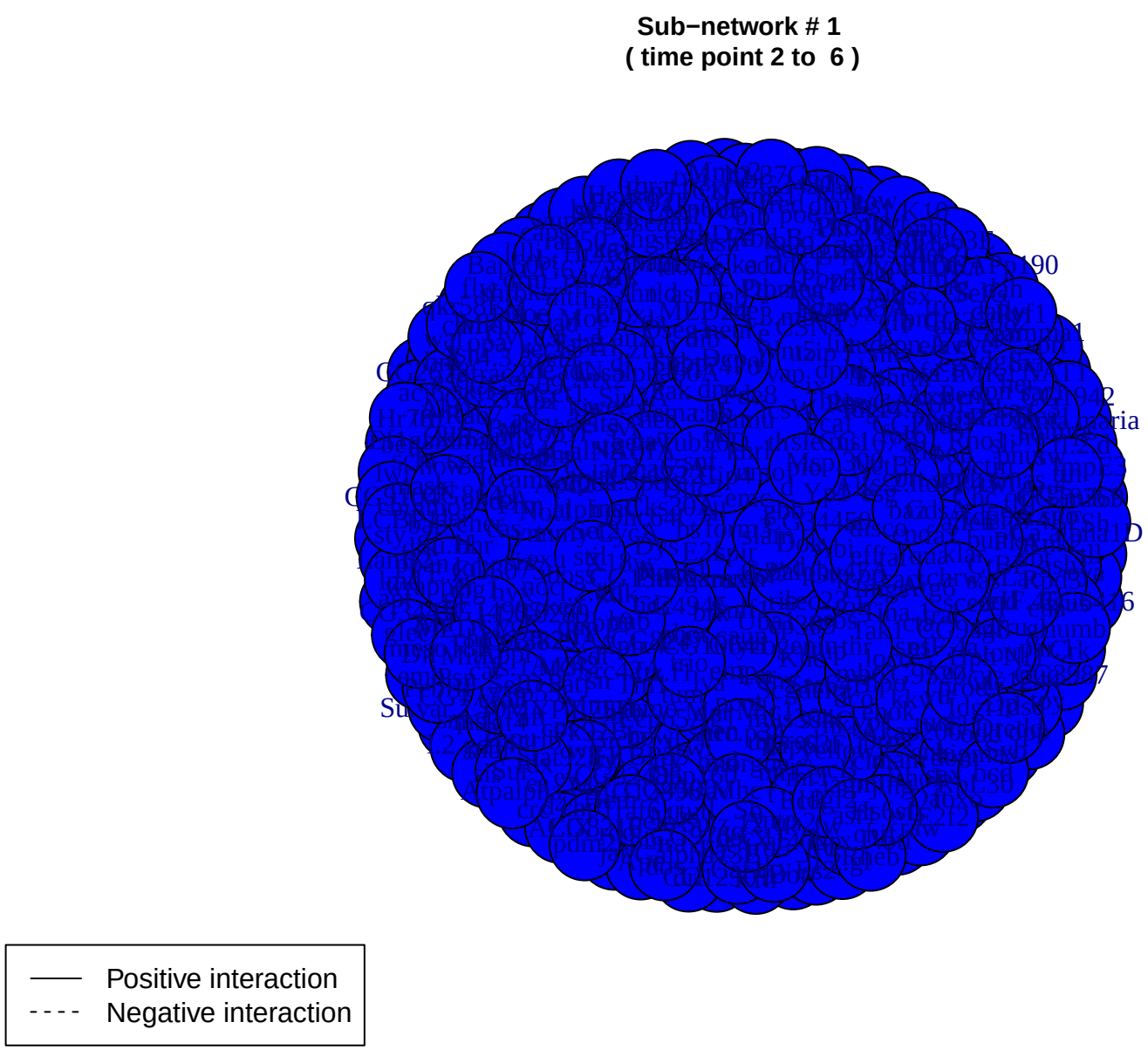

Target gene expression profile
Expression value
1.0
1.4
1.8
0
5
10
15
20
25
30
Time point


Parent gene expression profiles
Expression value
1.0
1.4
1.8
0
5
10
15
20
25
30
Time point


Number of changepoint
− target gene: toy −
Estimated posterior probability
0.0
0.2
0.4
0.6
0.8
1.0
0
1
Changepoint number
(max. value = 0)
Changepoint position
− target gene: toy −
Estimated posterior probability
0.0
0.2
0.4
0.6
0.8
1.0
1
2
3
4
5
6
7
Time point
(# of selected changepoint(s) = 0)


Regulatory model for target gene: toy
Temporal segment # 1 : [2 , 6]
Estimated posterior probability
1.0
0.8
0.6
0.4
0.2
0.0
Parent genes
# of selected edge(s): 4


Sub−network # 1
(time point 2 to 6)
Positive interaction
Negative interaction

ARTIVA summary page
(interactions are arranged in order of decreasing confidence level)

parentGene	targetGene	postProb	CPstart	CPend	interactionSign
340	1	0.7384	2	6	+
290	1	0.7157	2	6	−
405	1	0.7152	2	6	+
208	1	0.7146	2	6	−