Target gene expression profile
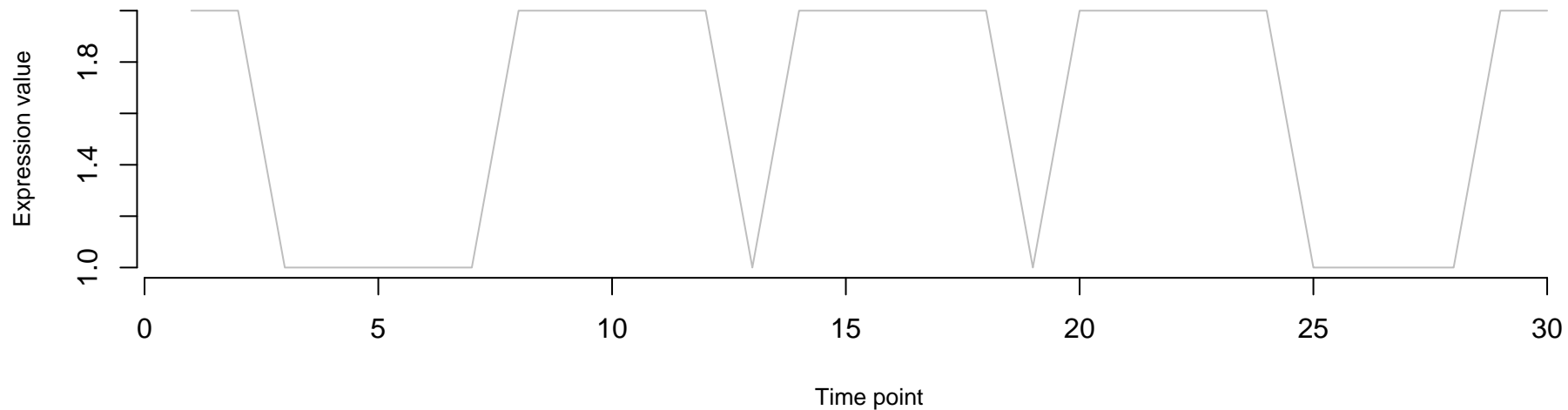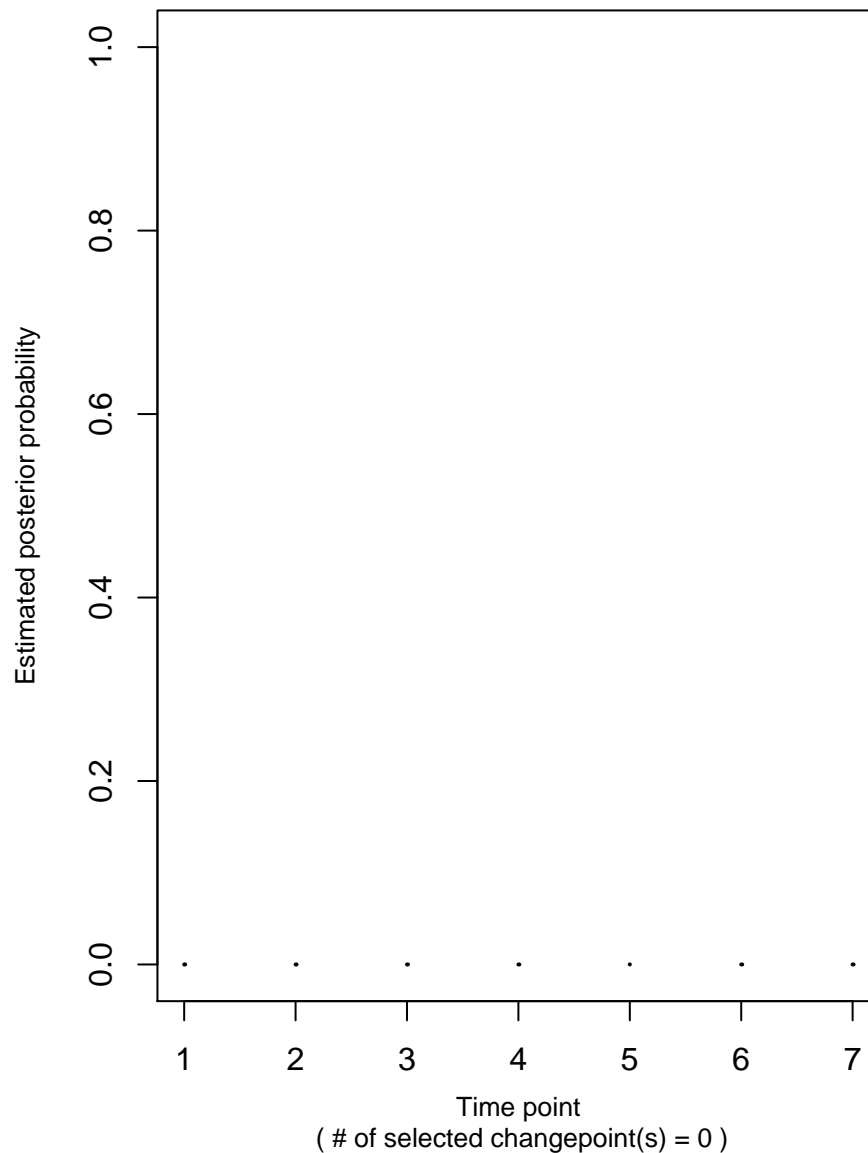
Parent gene expression profiles
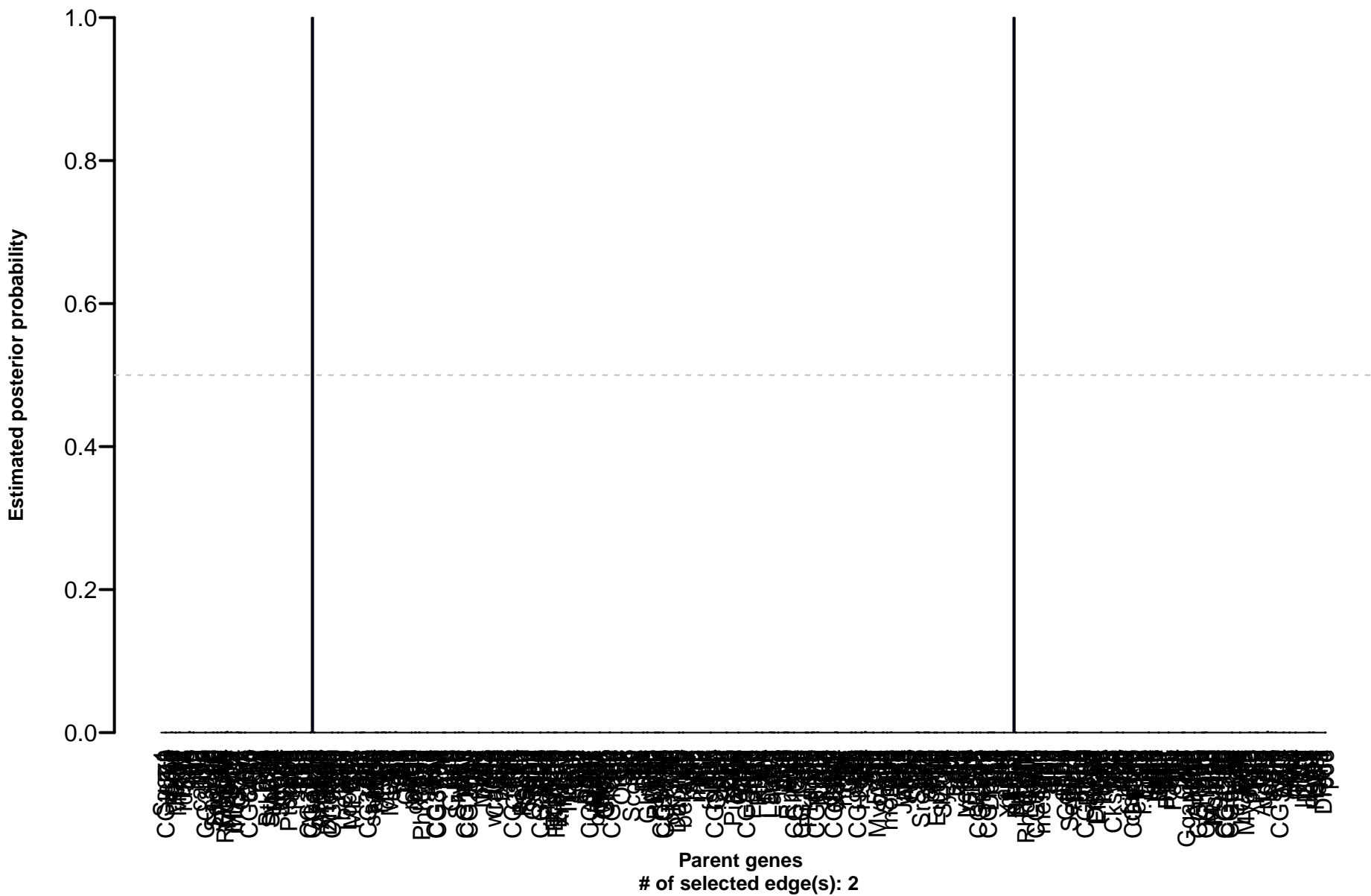
Number of changepoint
– target gene: Mitf –

Changepoint position
– target gene: Mitf –

Estimated posterior probability

Changepoint number
(max. value = 0)

Estimated posterior probability

Time point
(# of selected changepoint(s) = 0)

Regulatory model for target gene: Mitf
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): 2

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
93	1	1	2	6	+
559	1	1	2	6	+