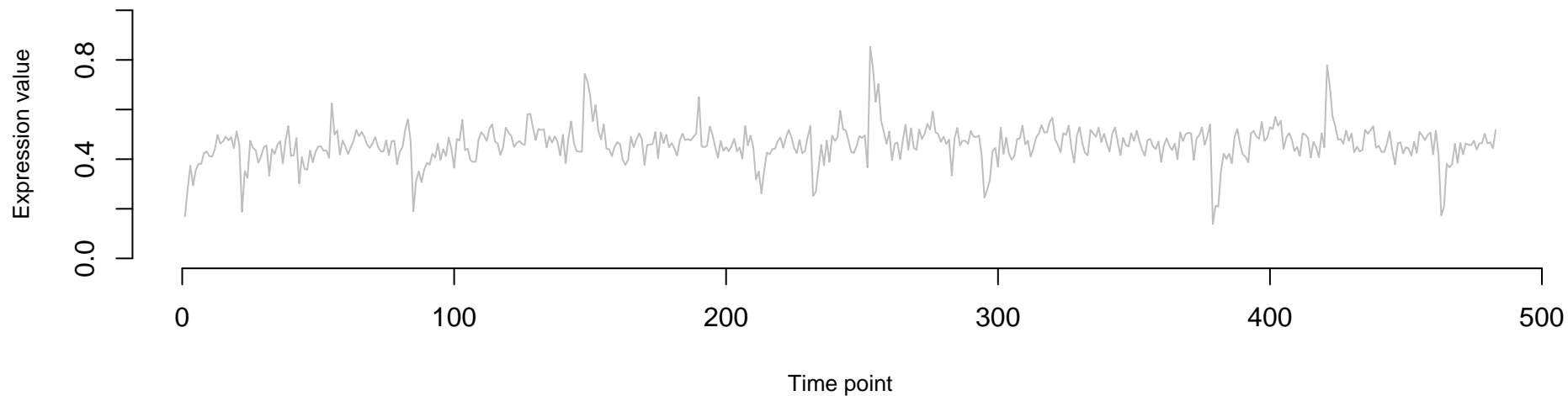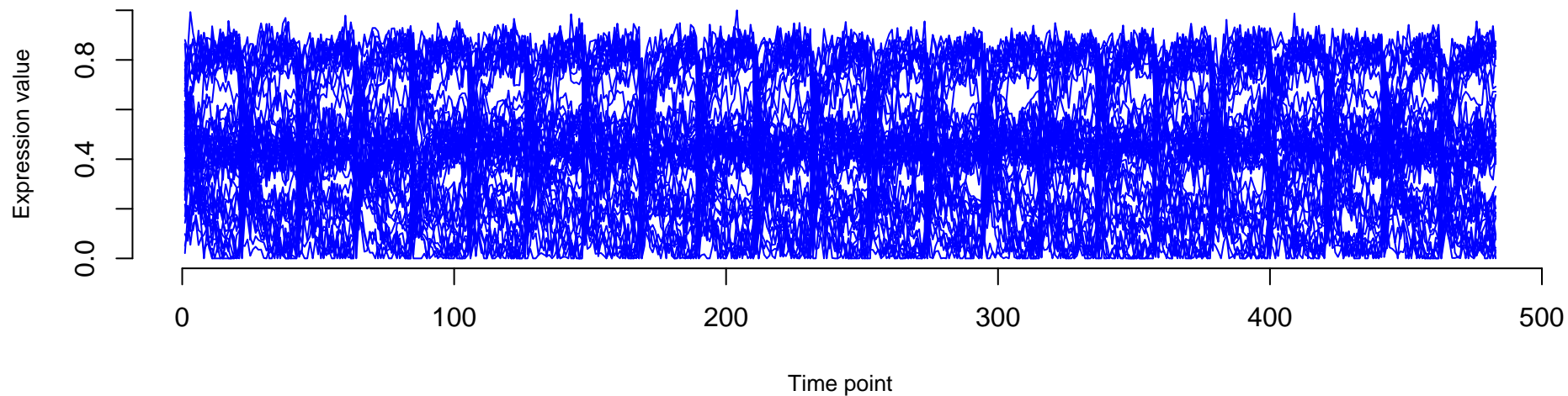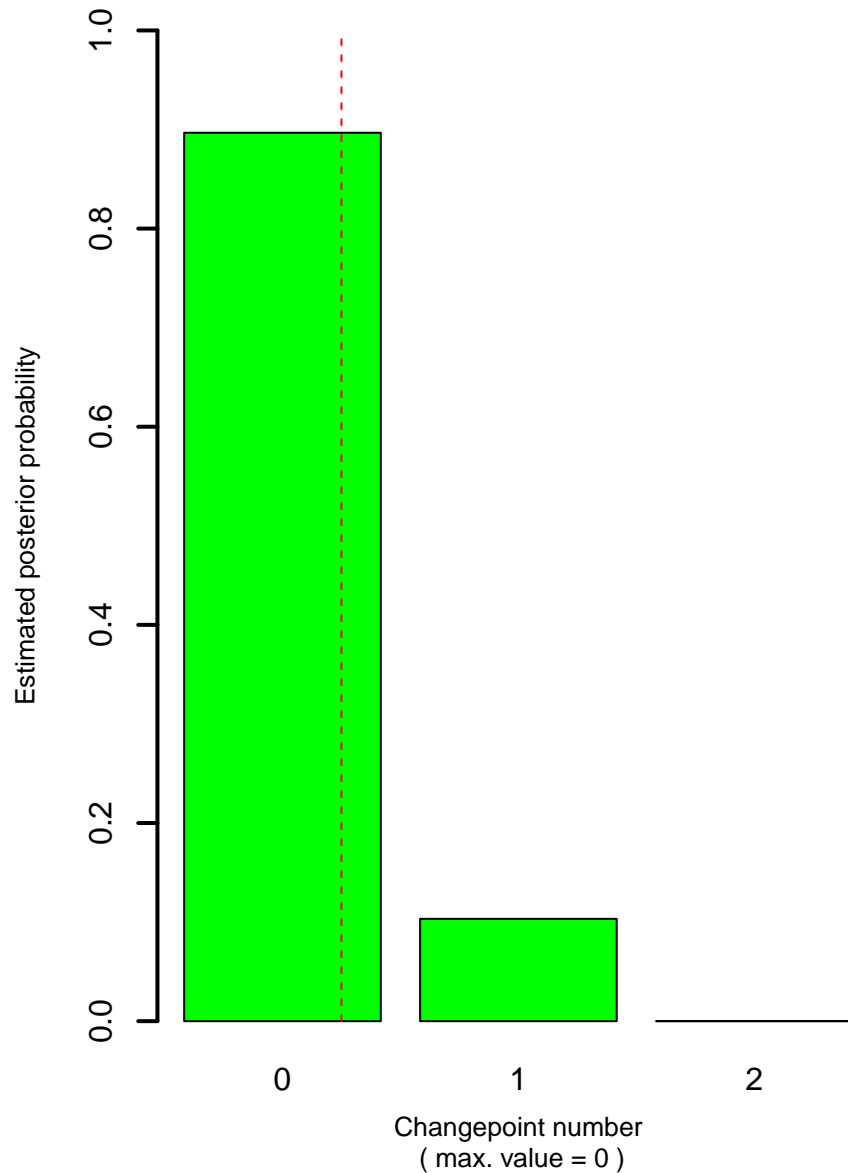**Target gene expression profile**
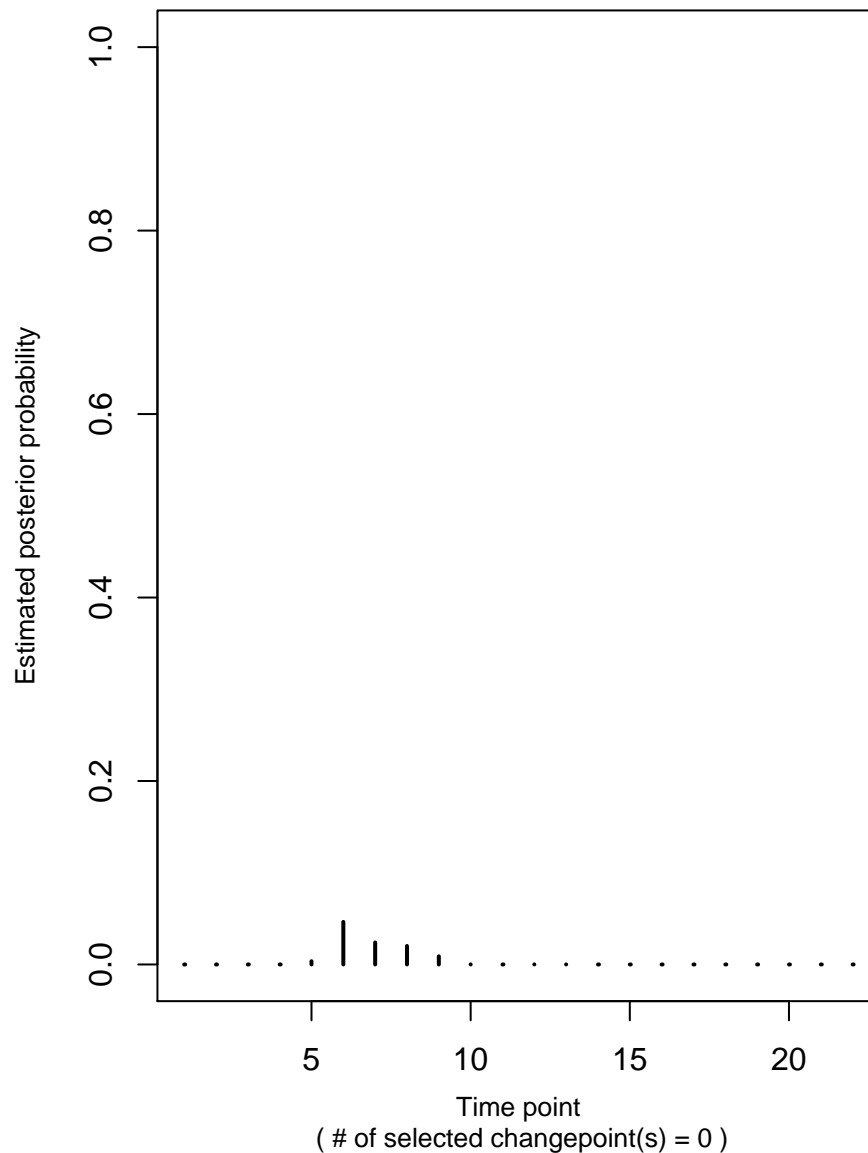
Parent gene expression profiles
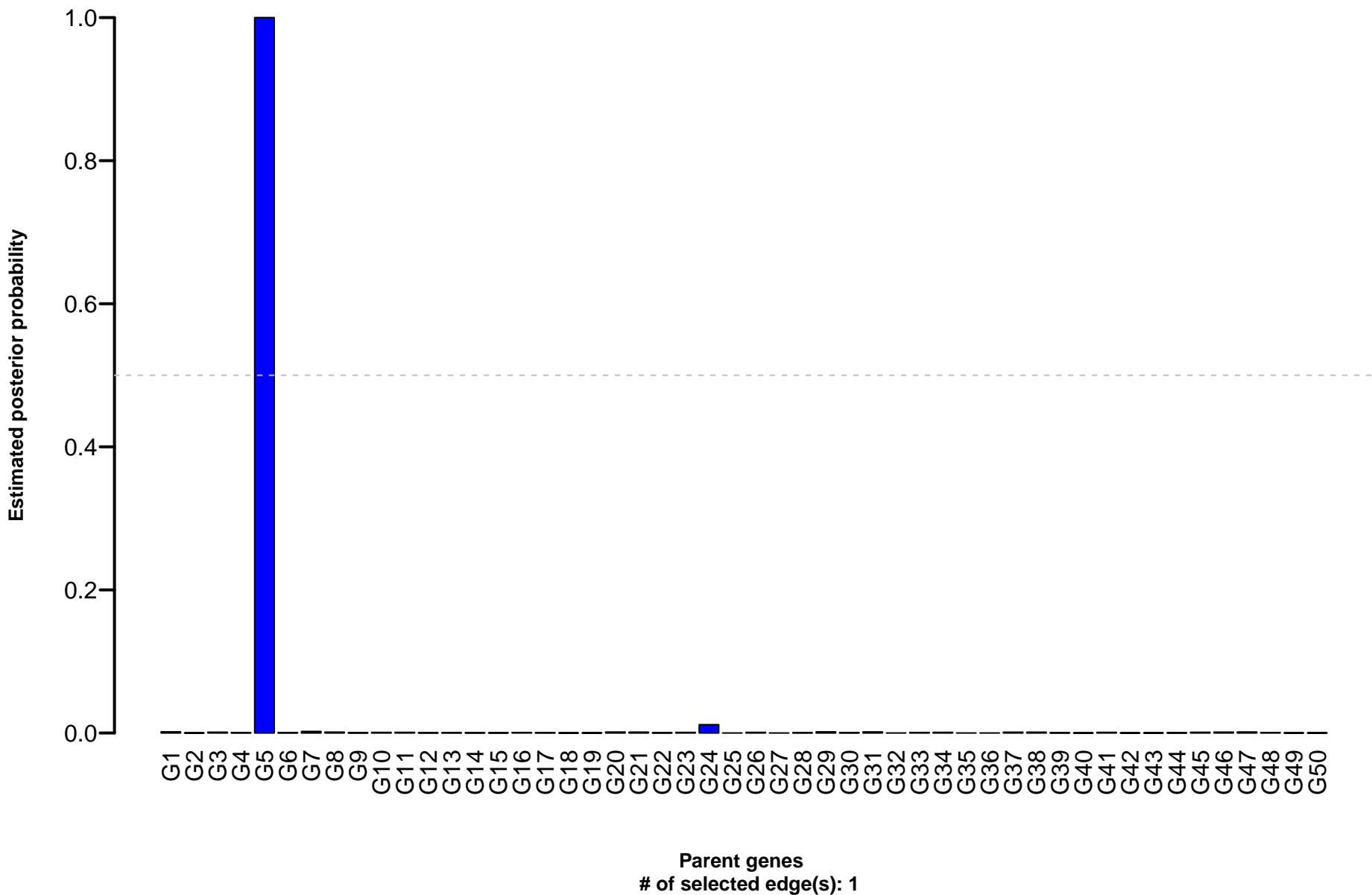
Number of changepoint
– target gene: G5 –

Estimated posterior probability

Changepoint number
(max. value = 0)

Changepoint position
– target gene: G5 –

Estimated posterior probability

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

Regulatory model for target gene: G5
Temporal segment # 1 : [2 , 21]

Estimated posterior probability

1.0

0.8

0.6

0.4

0.2

0.0

G1 G2 G3 G4 G5 G6 G7 G8 G9 G10 G11 G12 G13 G14 G15 G16 G17 G18 G19 G20 G21 G22 G23 G24 G25 G26 G27 G28 G29 G30 G31 G32 G33 G34 G35 G36 G37 G38 G39 G40 G41 G42 G43 G44 G45 G46 G47 G48 G49 G50

Parent genes
# of selected edge(s): 1

Sub−network # 1
(time point 2 to 21)
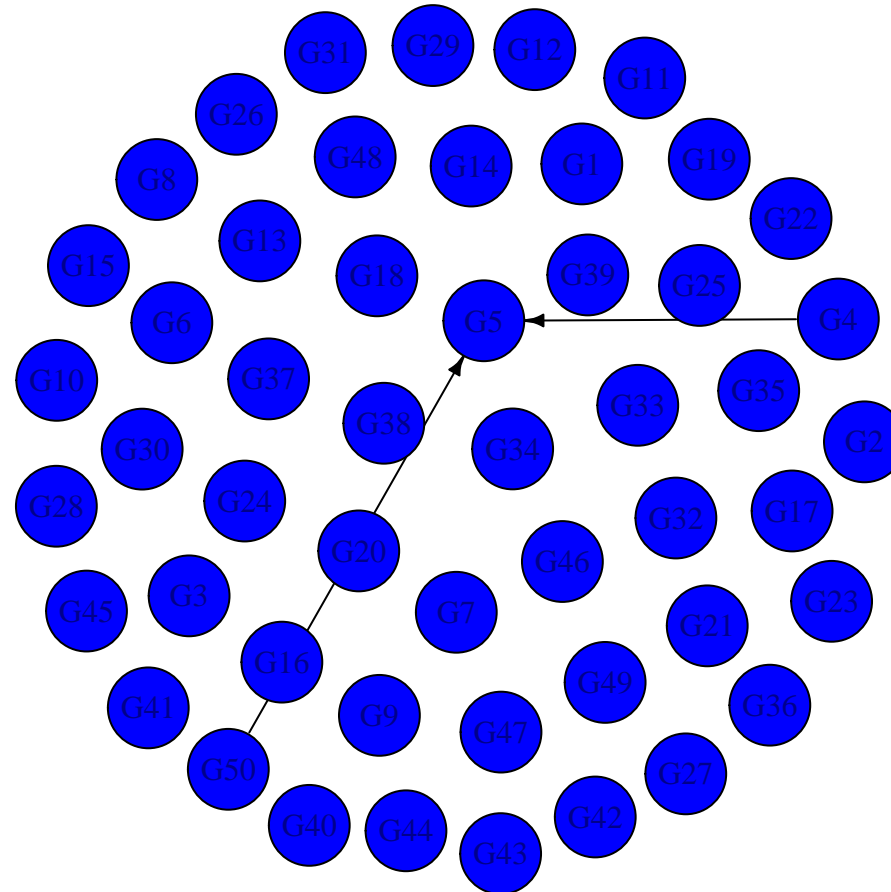
Positive interaction
Negative interaction

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

parentGene	targetGene	postProb	CPstart	CPend	interactionSign
45	1	1	2	21	+