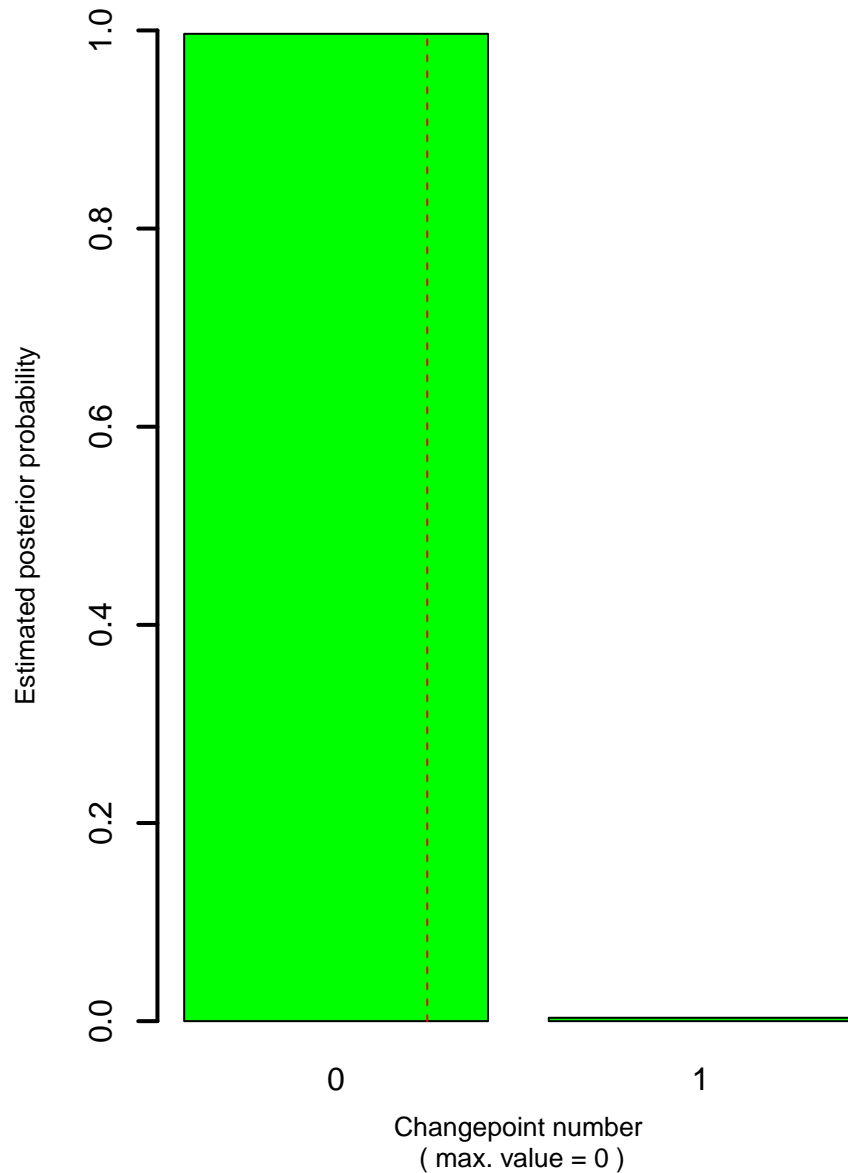


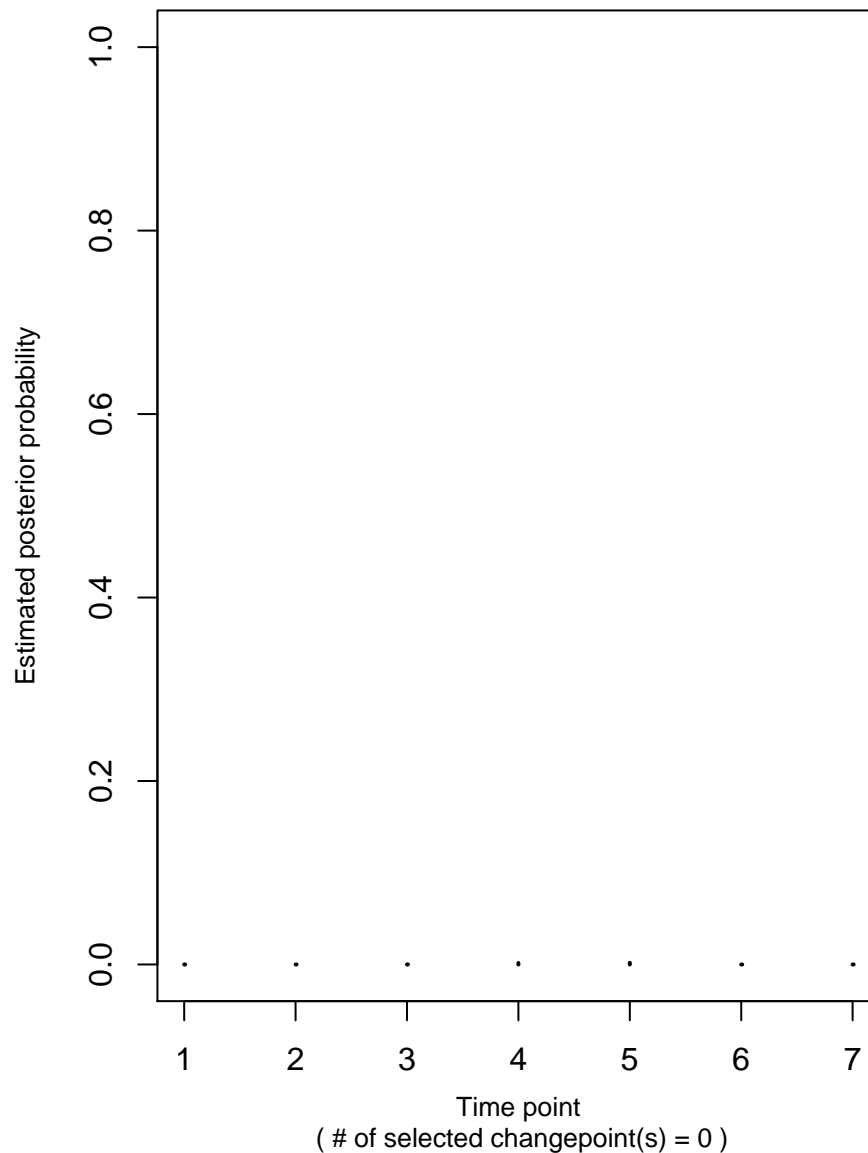
Time point

The graph illustrates a periodic gene expression pattern. The expression value starts at 1.0 at time point 1, rises linearly to 1.9 at time point 2, and then drops linearly back to 1.0 at time point 3. This cycle repeats 15 times over the 30 time points shown.

Number of changepoint
– target gene: Idgf5 –

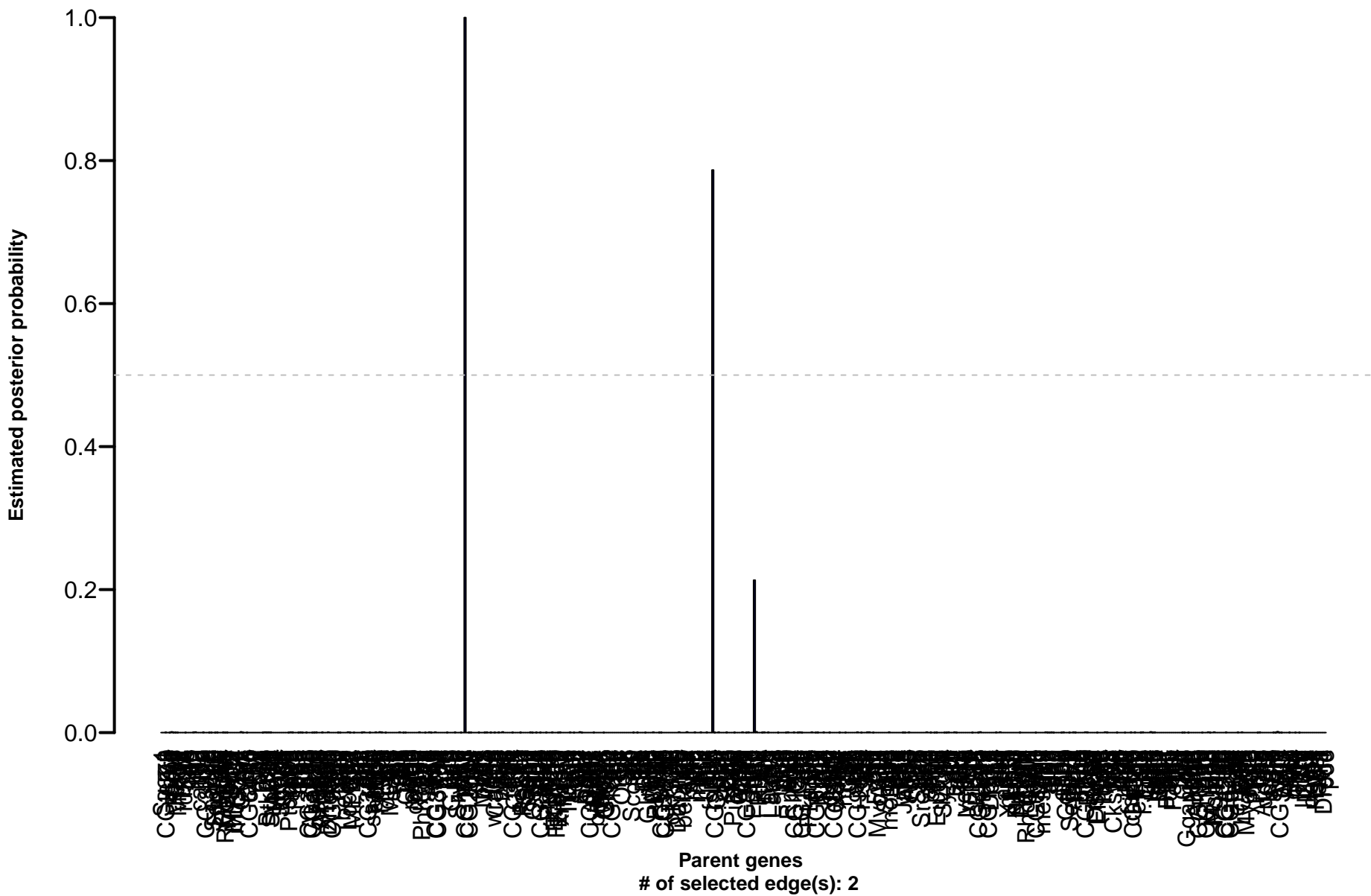


Changepoint position
– target gene: Idgf5 –



Regulatory model for target gene: *Idgf5*

Temporal segment # 1 : [2 , 6]



A circular network graph visualization showing dense connections between numerous nodes. The nodes are arranged in a roughly circular pattern, with many overlapping edges forming a complex web. Each node is represented by a small circle containing a label, which appears to be a gene symbol or identifier. The labels are rotated to fit within the circles. Some visible labels include: *MTOR*, *AKT1*, *MAPK8*, *ERBB2*, *EGFR*, *PI3K*, *RAS*, *BRAF*, *KRAS*, *NRAS*, *HRAS*, *TP53*, *P53*, *MDM2*, *MYC*, *C-MYC*, *CCND1*, *E2F1*, *CDKN2A*, *P16INK4A*, *RB1*, *PTEN*, *SMAD4*, *TGFBR1*, *WNT1*, *CTNNB1*, *GSK3B*, *APC*, *AXIN1*, *CTSL*, *CTSD*, *CTSC*, *CTSB*, *CTLA4*, *VISTA*, *HAVCR2*, *IGFBP5*, *IGFBP7*, *IGFBP6*, *IGFBP3*, *IGFBP4*, *IGFBP2*, *IGFBP1*, *IGF1R*, *IGF2*, *IGF2R*, *IGF1L*, *IGF2L*, *IGF2LR*, *IGF2LN*, *IGF2LV*, *IGF2LI*, *IGF2LP*, *IGF2LS*, *IGF2LT*, *IGF2LU*, *IGF2LV*, *IGF2LI*, *IGF2LP*, *IGF2LS*, *IGF2LT*, *IGF2LU*

— Positive interaction
- - - Negative interaction

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

| parentGene | targetGene | postProb | CPstart | CPend | interactionSign |
|-------------------|-------------------|-----------------|----------------|--------------|------------------------|
| 92 | 1 | 1 | 2 | 6 | – |
| 423 | 1 | 0.7868 | 2 | 6 | – |