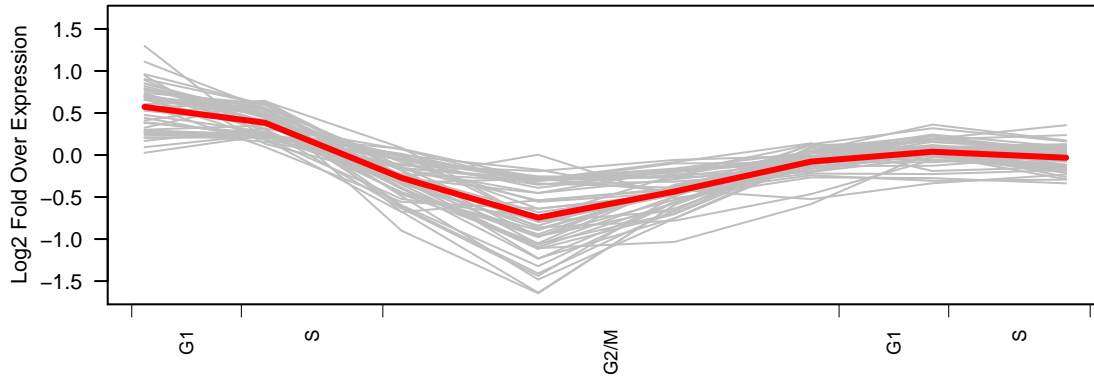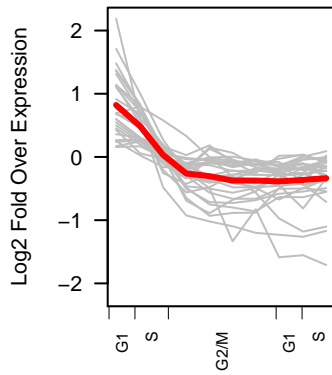Centroids of clusters from Supplementary Fig. 15

Figure S16 | **Transcript profiles within each wild-type cluster and cyclin mutant sub-cluster from Supplementary Fig. 15 display high Pearson correlation.** The top panel of each page displays the wild-type log2-fold change expression profile for the genes (gray lines) in a single wild-type cluster, overlaid with that cluster's centroid (red line). The bottom panel(s) display the cyclin mutant log2-fold change expression profiles (gray lines) and centroids (red line) for all genes in each subcluster associated with the wild-type cluster. Each panel is annotated with the cluster or subcluster name (as labeled in Supplementary Fig. 15), and the average Pearson correlation between all genes displayed. A list of genes in each cluster/subcluster can be found in Supplementary Table 2.
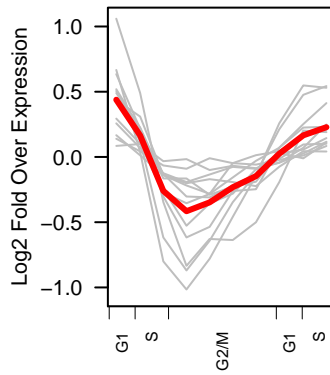
Wild−type Cluster − B
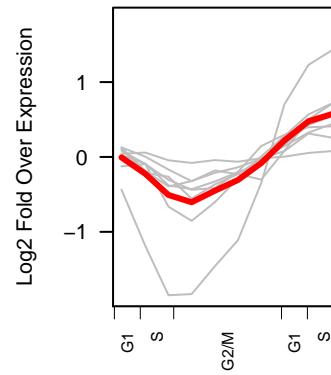**Within cluster Pearson correlation − 0.893**

Sub Clust. 3
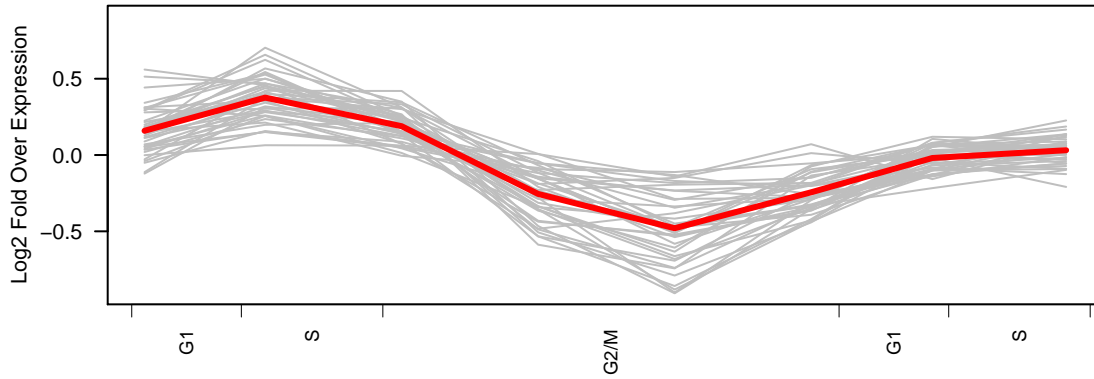**0.856**

Sub Clust. 4
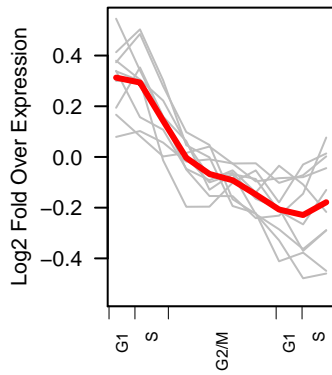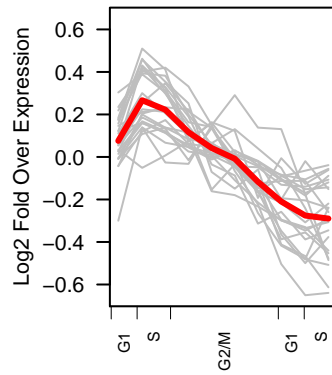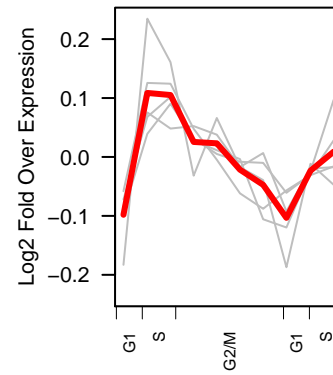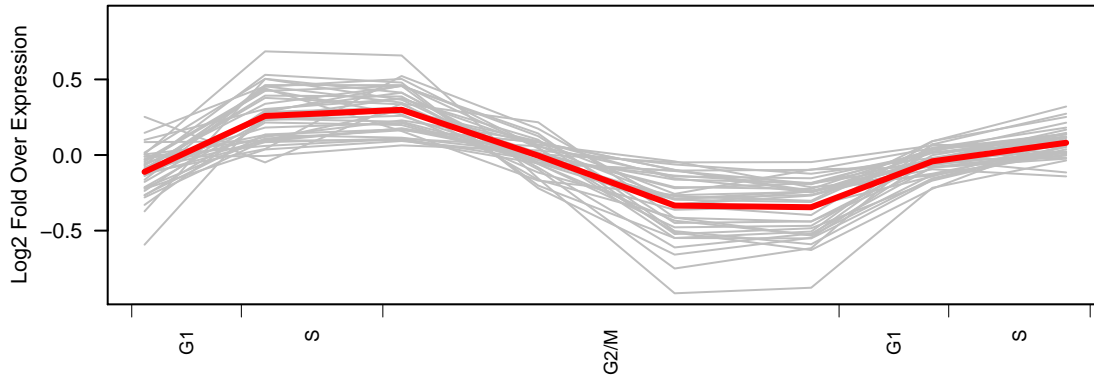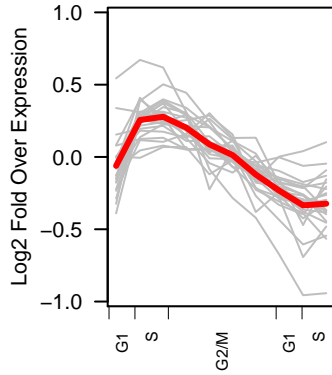**0.854**

Sub Clust. 5
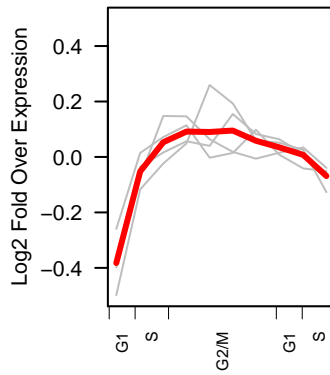**0.912**

Centroids of clusters from Supplementary Fig. 15

Wild–type Cluster – C
Within cluster Pearson correlation – 0.908

Log2 Fold Over Expression

G1   S   G2/M   G1   S

Sub Clust. 6
0.773

Log2 Fold Over Expression

G1 S G2/M G1 S

Sub Clust. 7
0.831

Log2 Fold Over Expression

G1 S G2/M G1 S

Sub Clust. 8
0.763

Log2 Fold Over Expression

G1 S G2/M G1 S

Centroids of clusters from Supplementary Fig. 15

Wild−type Cluster − D
Within cluster Pearson correlation − 0.876

Sub Clust. 9	Sub Clust. 10	Sub Clust. 11
0.788	**0.804**	**0.773**
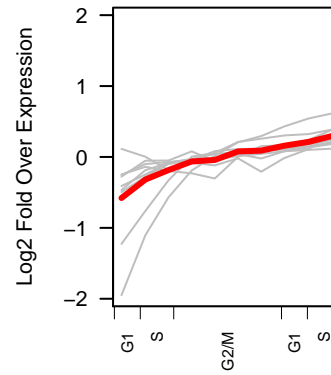
Centroids of clusters from Supplementary Fig. 15

Wild−type Cluster − E
Within cluster Pearson correlation − 0.909
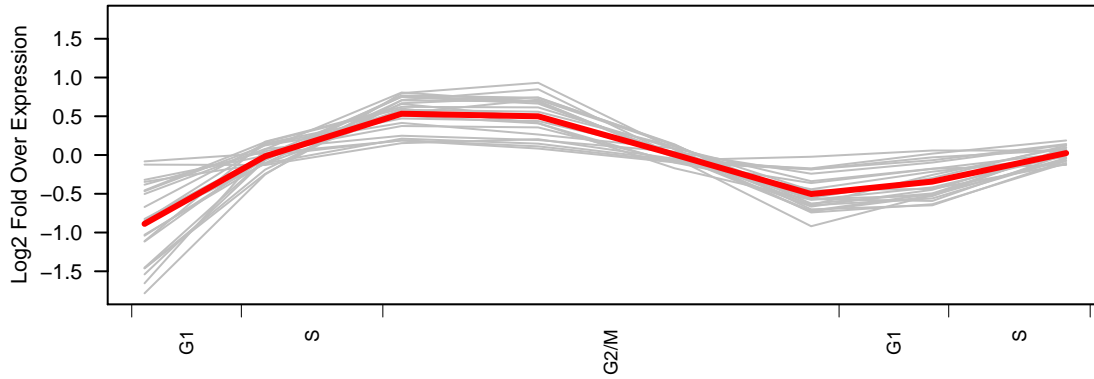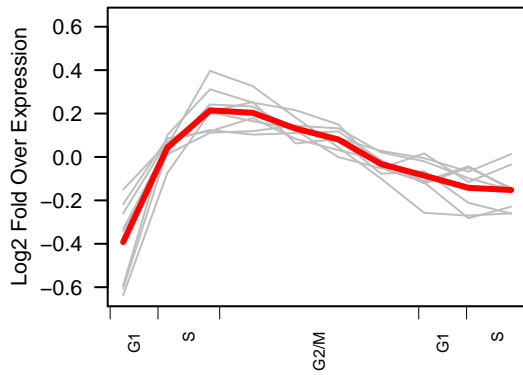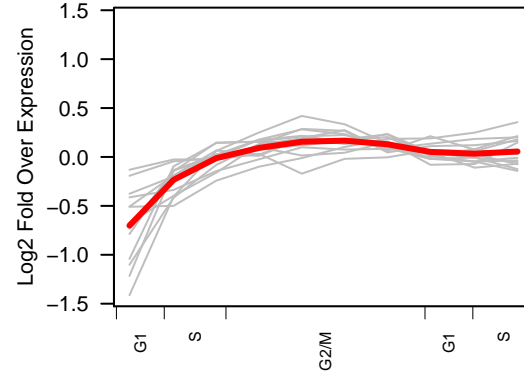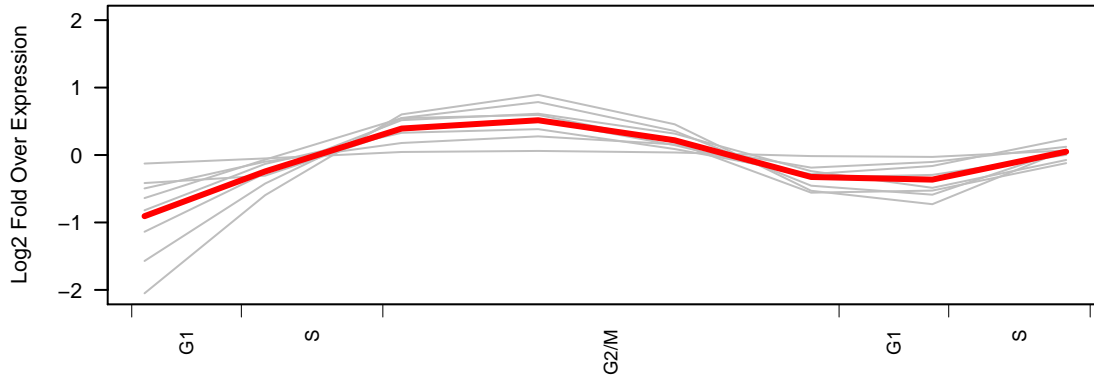
Sub Clust. 12
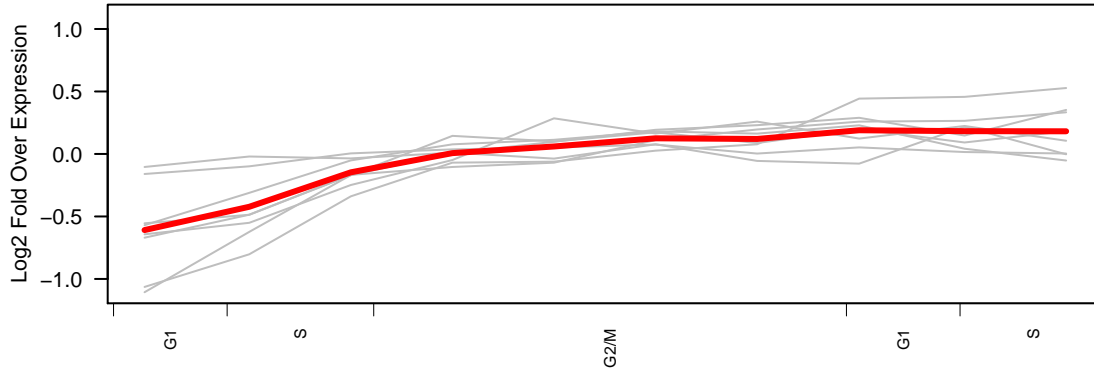0.841

Sub Clust. 13
0.733

Centroids of clusters from Supplementary Fig. 15

Wild−type Cluster − F
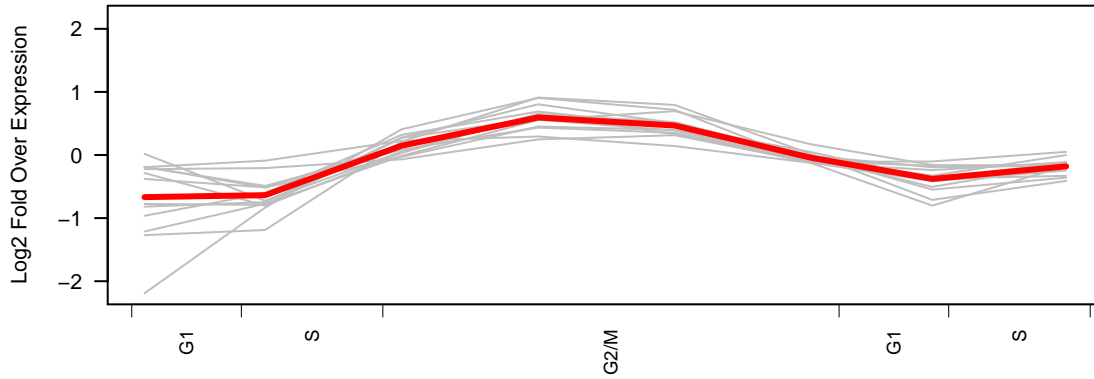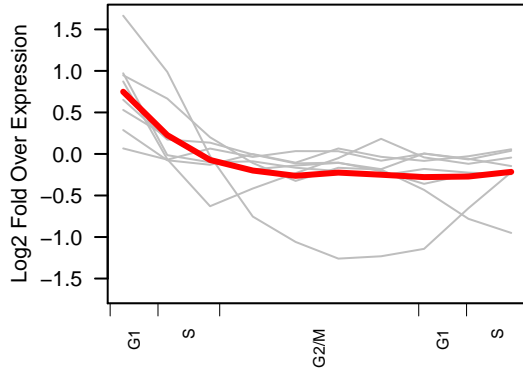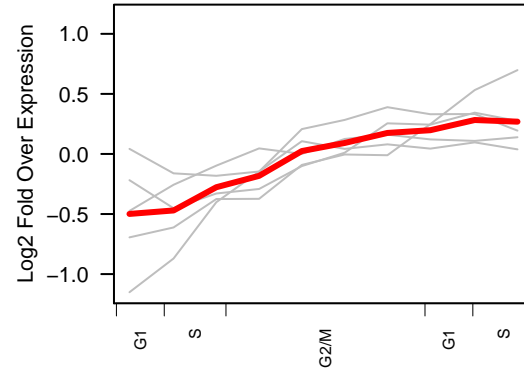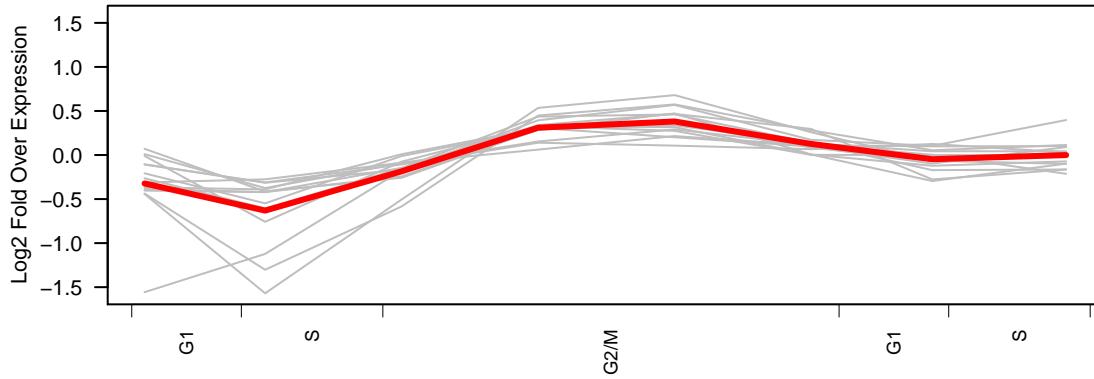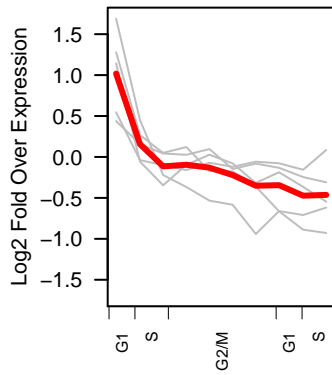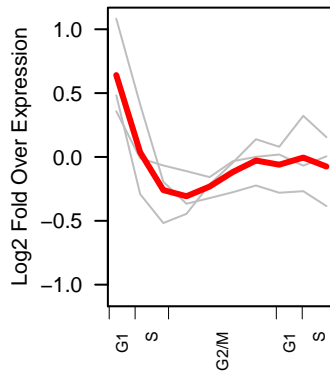## Within cluster Pearson correlation − 0.916

Sub Clust. 14
0.778

Centroids of clusters from Supplementary Fig. 15

Wild−type Cluster − G
Within cluster Pearson correlation − 0.919

Sub Clust. 15
0.653

Sub Clust. 16
0.715

Centroids of clusters from Supplementary Fig. 15

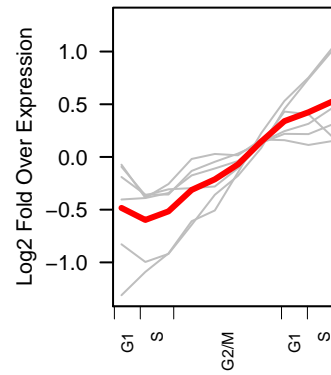## Wild−type Cluster − H
Within cluster Pearson correlation − 0.886

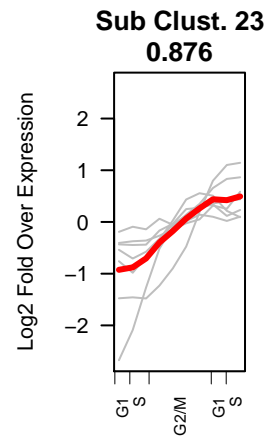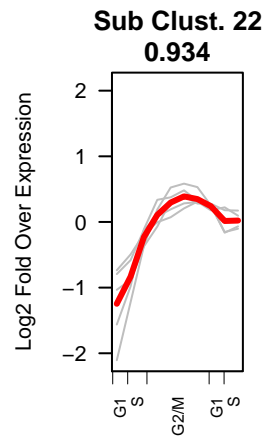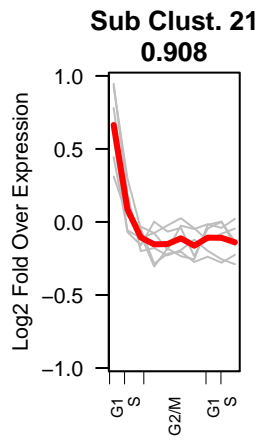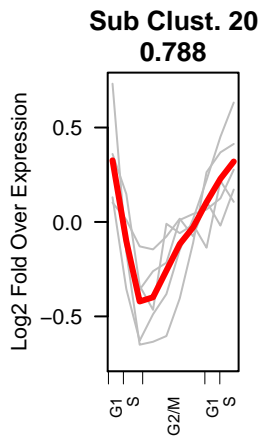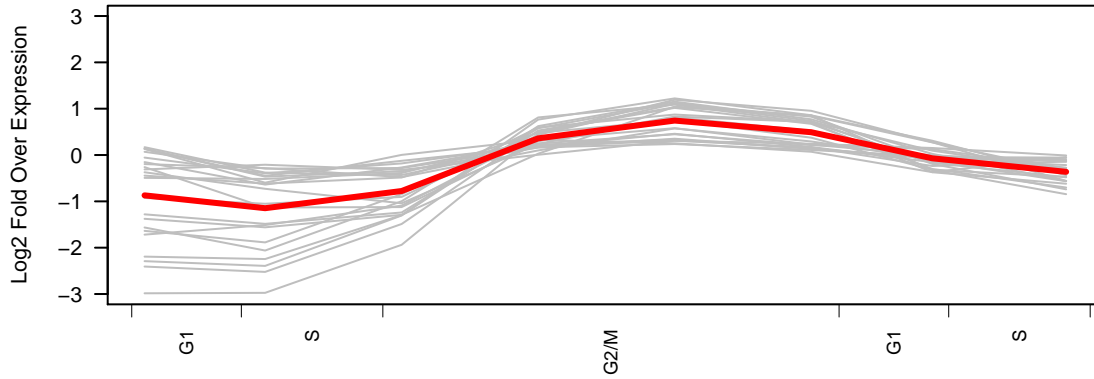## Sub Clust. 17
0.918

Sub Clust. 18
0.685

Sub Clust. 19
0.866

Centroids of clusters from Supplementary Fig. 15

Wild−type Cluster − I
Within cluster Pearson correlation − 0.917

Sub Clust. 20
0.788

Sub Clust. 21
0.908

Sub Clust. 22
0.934

Sub Clust. 23
0.876

Centroids of clusters from Supplementary Fig. 15

Wild−type Cluster − J
Within cluster Pearson correlation − 0.844

Sub Clust. 24
0.814

Sub Clust. 25
0.725

Centroids of clusters from Supplementary Fig. 15

Wild−type Cluster − K
Within cluster Pearson correlation − 0.756

Sub Clust. 26
0.966

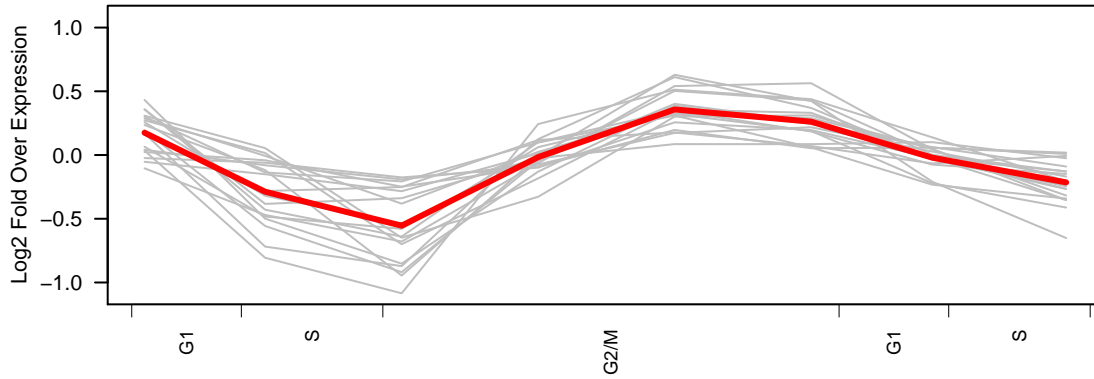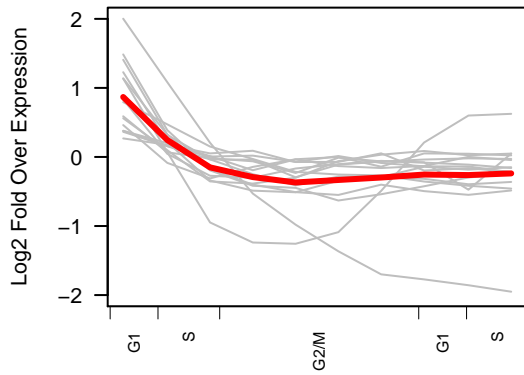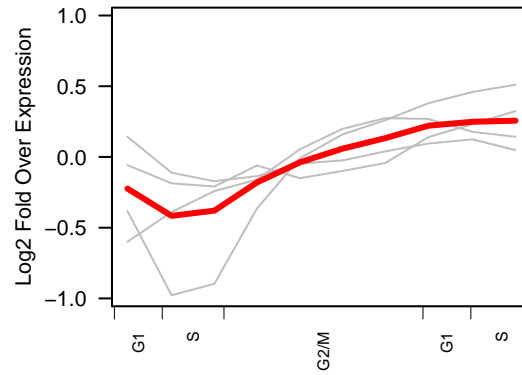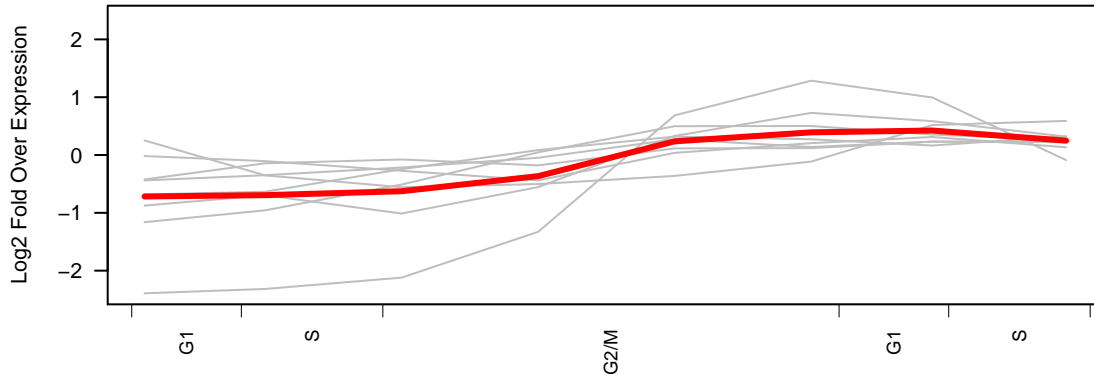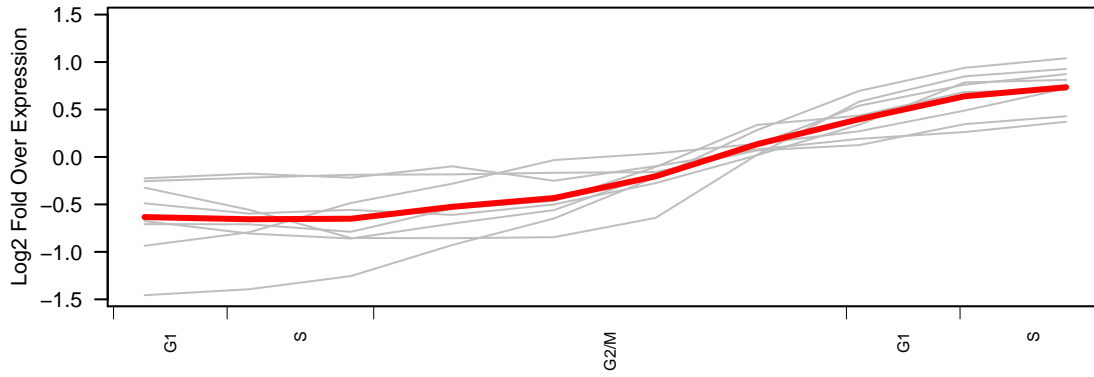Centroids of clusters from Supplementary Fig. 15