Coregulation of DNA replication and DNA repair genes at the end of the light period. S Phase BFC Clusters from 2038 gene probes selected after PCA. Each colour corresponds to a biological process. Feature Number (Feat Num), BFC cluster number (BFC).

Right: The main BFC profiles and coefficients are shown. Note that clusters 41, 64 and 87 as well as clusters 57 and 116, clusters 46, 122 and 129 have nearly identical profiles.

### Table: DNA replication, DNA repair, chromosome structure, histone and chromatin remodelling, cell cycle control, organelle division, transcription

| Feat Num | BFC | Gene description |
|----------|-----|------------------|
| 7024     | 41  | KOG2011 Sister chromatid cohesion complex, Cohesin, subunit STAG1/IRR1/SCC3 |
| 6006     | 41  | KOG0386 Chromatin remodeling complex SWI/SNF, component SWI2/2 |
| 7990     | 41  | KOG2543 Origin recognition complex, subunit 5 |
| 4965     | 41  | KOG0353 DNA primase, component P75 |
| 5441     | 41  | KOG4603 TBP-1 interacting protein |
| 6214     | 41  | KOG1378 DNA mismatch repair protein - MLH2/PMS1/Pms2 family |
| 5851     | 41  | FTSZ1-1 (ftsZ1-1); structural molecule |
| 2271     | 41  | KOG2625 DNA polymerase alpha-primase complex, polymerase-associated subunit B |
| 3595     | 41  | KOG3108 Single-stranded DNA-binding replication protein A (RPA), medium (30 kD) subunit |
| 5441     | 41  | KOG3125 DNA replication licensing factor, MCM5 component |
| 5851     | 41  | FTSZ1-1 (ftsZ1-1); structural molecule |
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