

# Enriched Biological Processes

## Ambient vs. Low pH contrasts

### by temperature

NA

regulation of transcription from RNA polymerase II promoter

circadian regulation of gene expression

positive regulation of transcription from RNA polymerase II promoter

circadian rhythm

negative regulation of transcription from RNA polymerase II promoter

regulation of circadian rhythm

DNA integration

negative regulation of I-kappaB kinase/NF-kappaB signaling

transcription from RNA polymerase II promoter

negative regulation of transcription, DNA-templated

negative regulation of tumor necrosis factor production

negative regulation of NF-kappaB transcription factor activity

cellular response to lipopolysaccharide

RNA-dependent DNA biosynthetic process

cellular response to chemokine

negative regulation of inflammatory response

entrainment of circadian clock by photoperiod

protein phosphorylation

hepatocyte proliferation

regulation of type B pancreatic cell proliferation

negative regulation of collagen biosynthetic process

positive regulation of sodium ion transmembrane transporter activity

cellular glucose homeostasis

autophagy

negative regulation of kinase activity

cholesterol biosynthetic process

DNA replication

mRNA splicing, via spliceosome

mitotic cell cycle phase transition

telomerase holoenzyme complex assembly

sterol biosynthetic process

protein folding

telomere maintenance via telomerase

spliceosomal tri-snRNP complex assembly

positive regulation of DNA-directed DNA polymerase activity

cell division

prostaglandin biosynthetic process

positive regulation of intestinal cholesterol absorption

isopentenyl diphosphate biosynthetic process, mevalonate pathway

lipoprotein metabolic process

G2/M transition of mitotic cell cycle

dTMP biosynthetic process

DNA replication initiation

isoprenoid biosynthetic process

regulation of cyclin-dependent protein serine/threonine kinase activity

protein N-linked glycosylation

cholesterol homeostasis

cell cycle

protein glycosylation

Upregulated

Low-pH

Ambient-pH

-Log10 P-value



3C

6C

10C