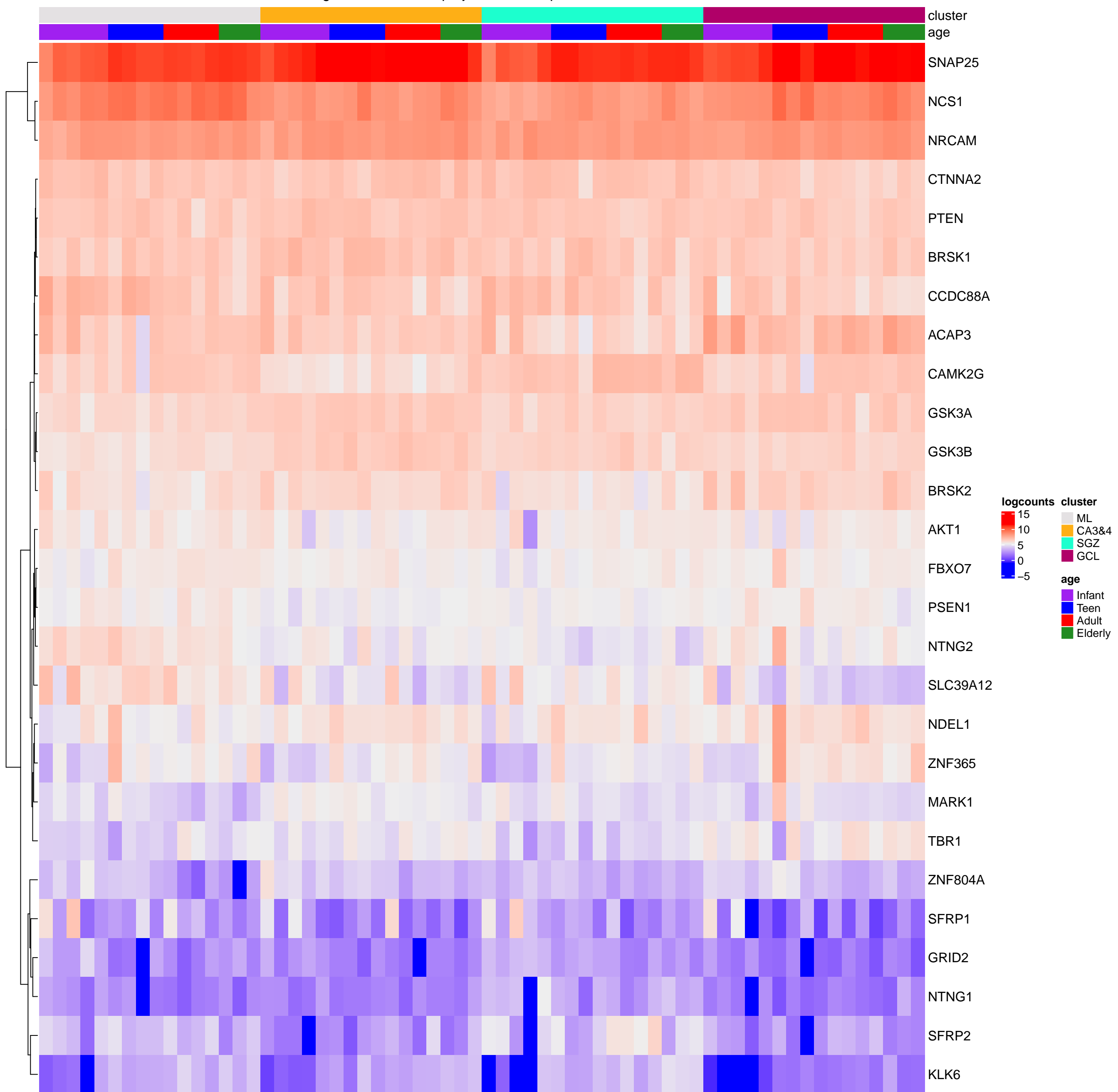
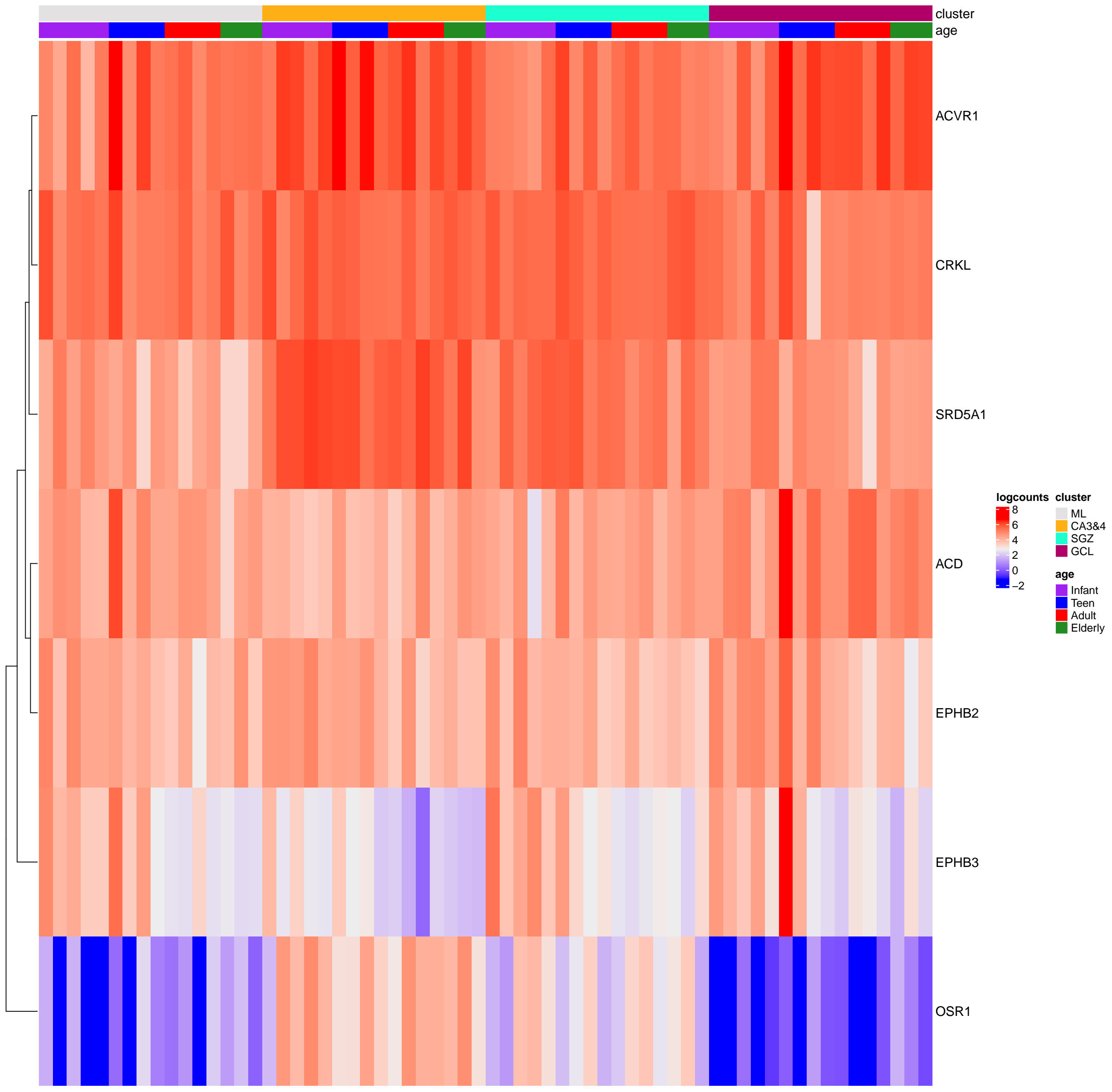




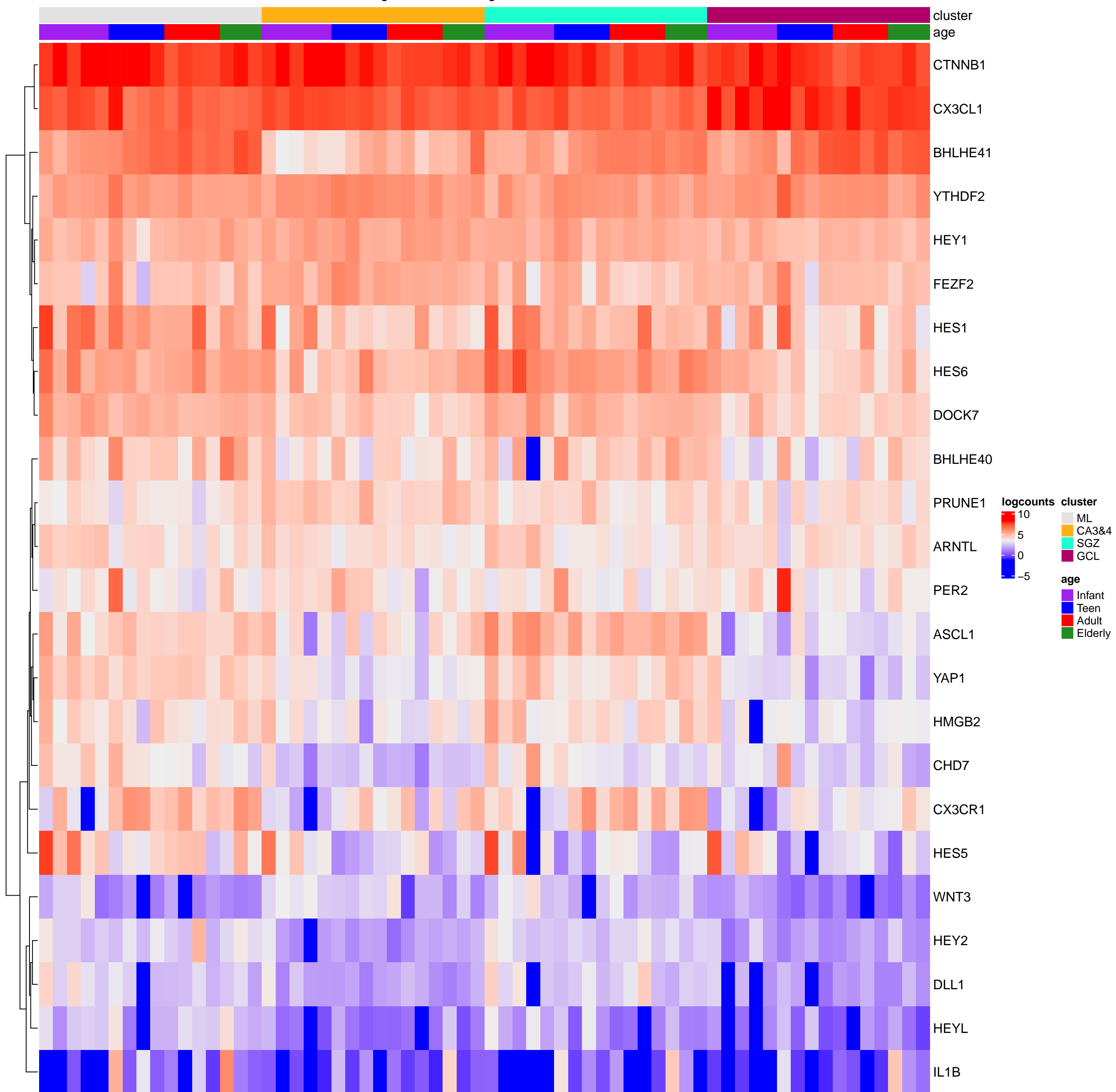
regulation of neuron projection development.SYMBOL



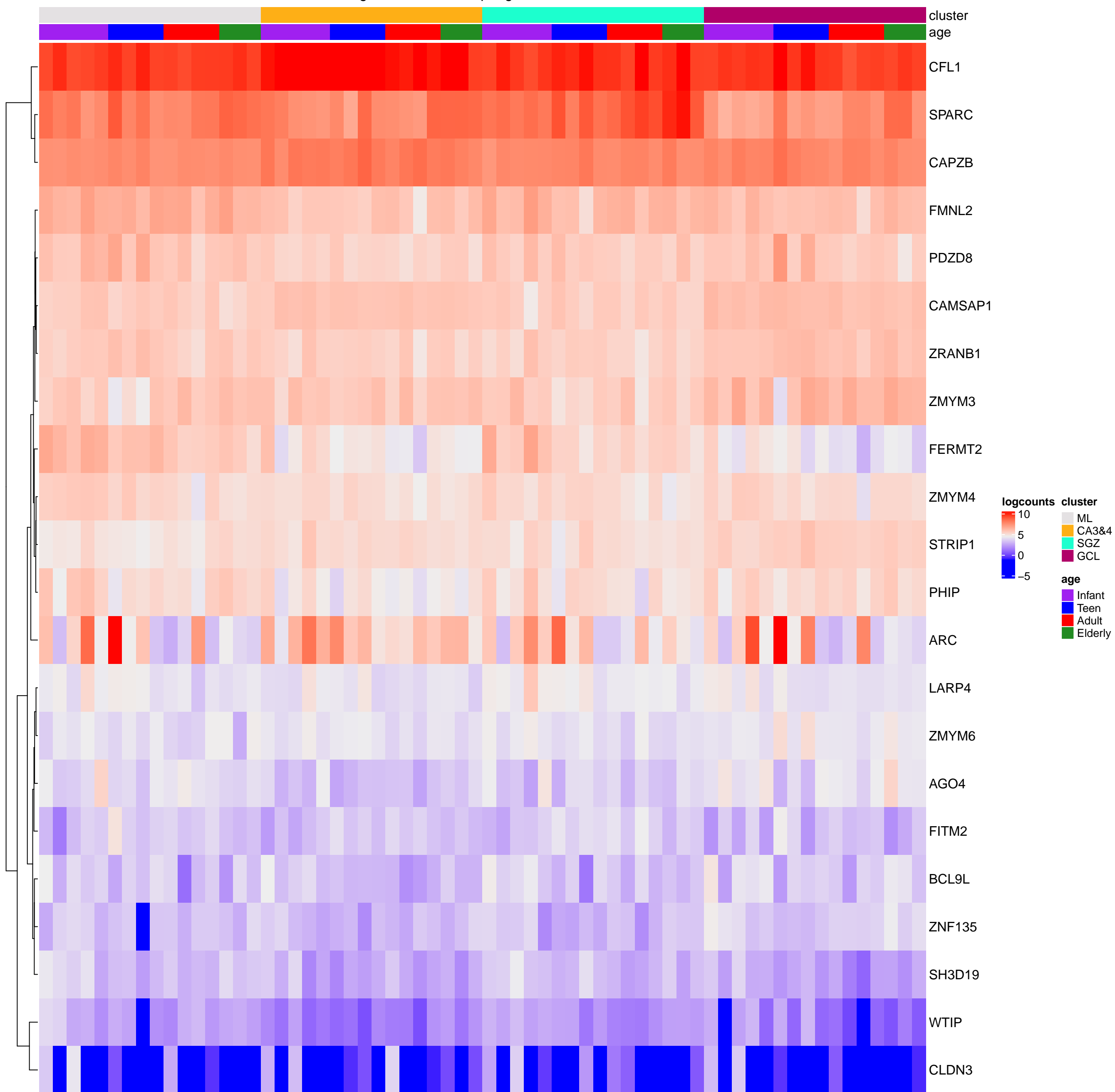
urogenital system development.SYMBOL



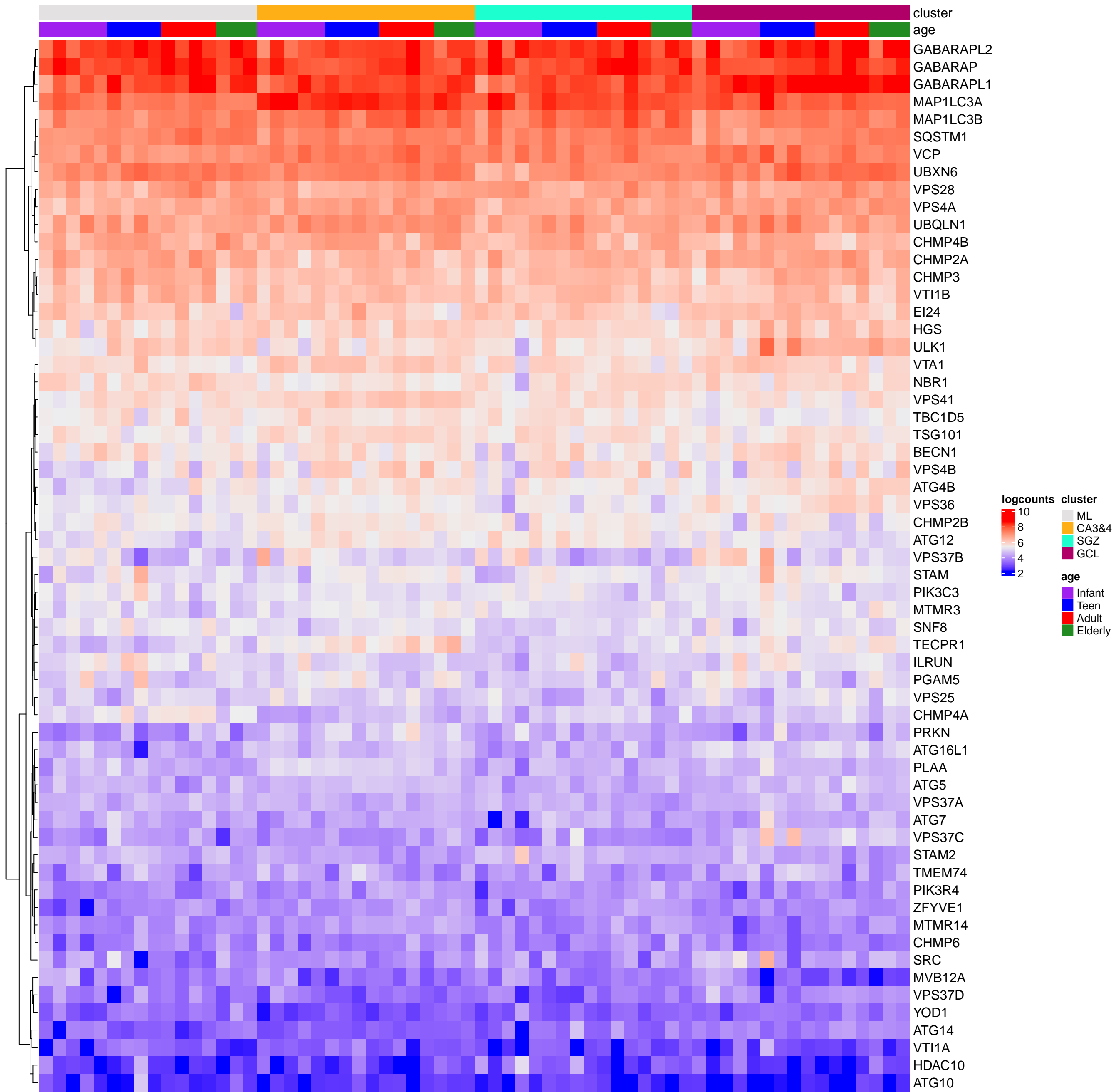
regulation of neurogenesis.SYMBOL



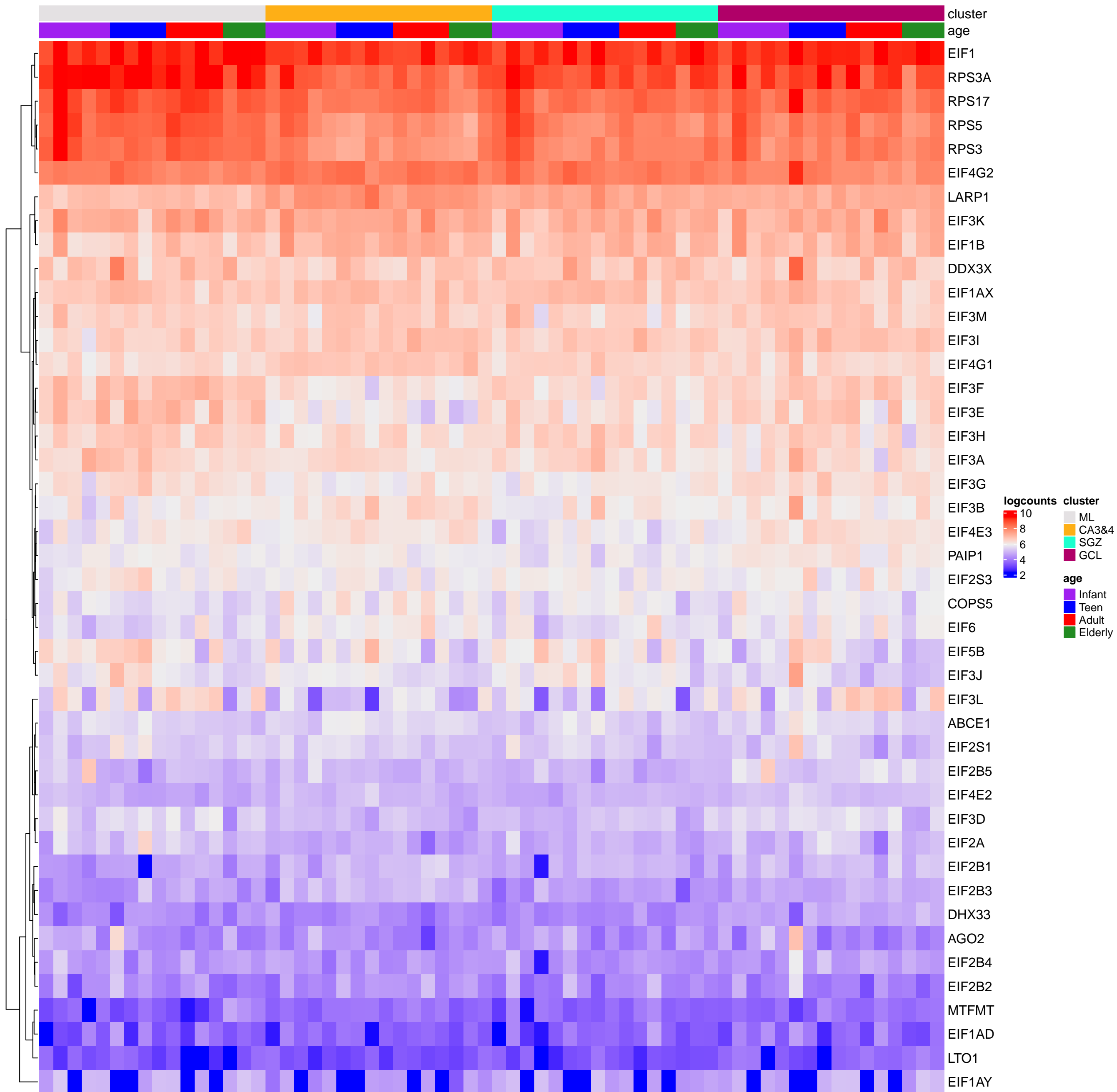
## regulation of cell morphogenesis.SYMBOL



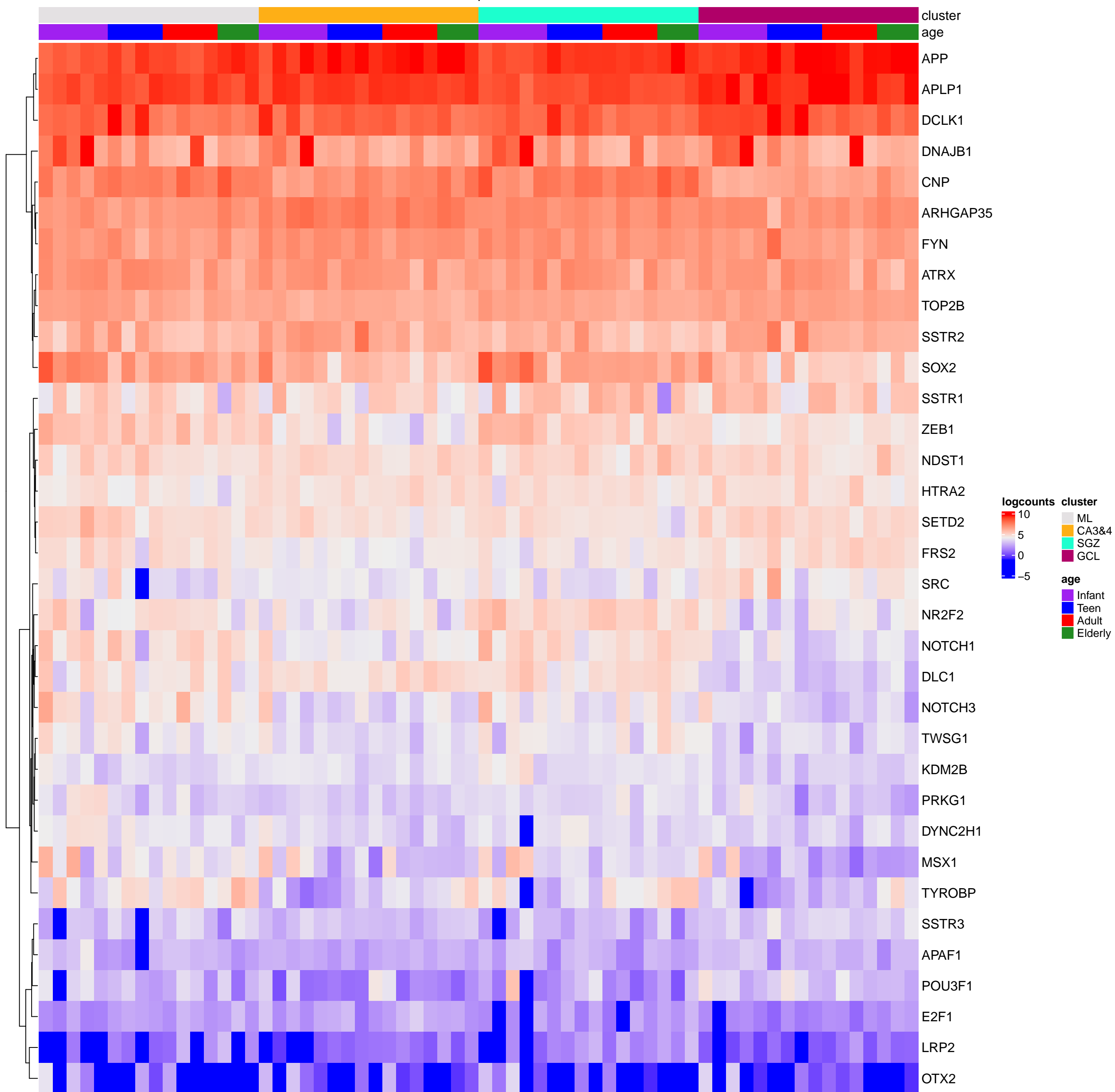
macroautophagy.SYMBOL



translational initiation.SYMBOL

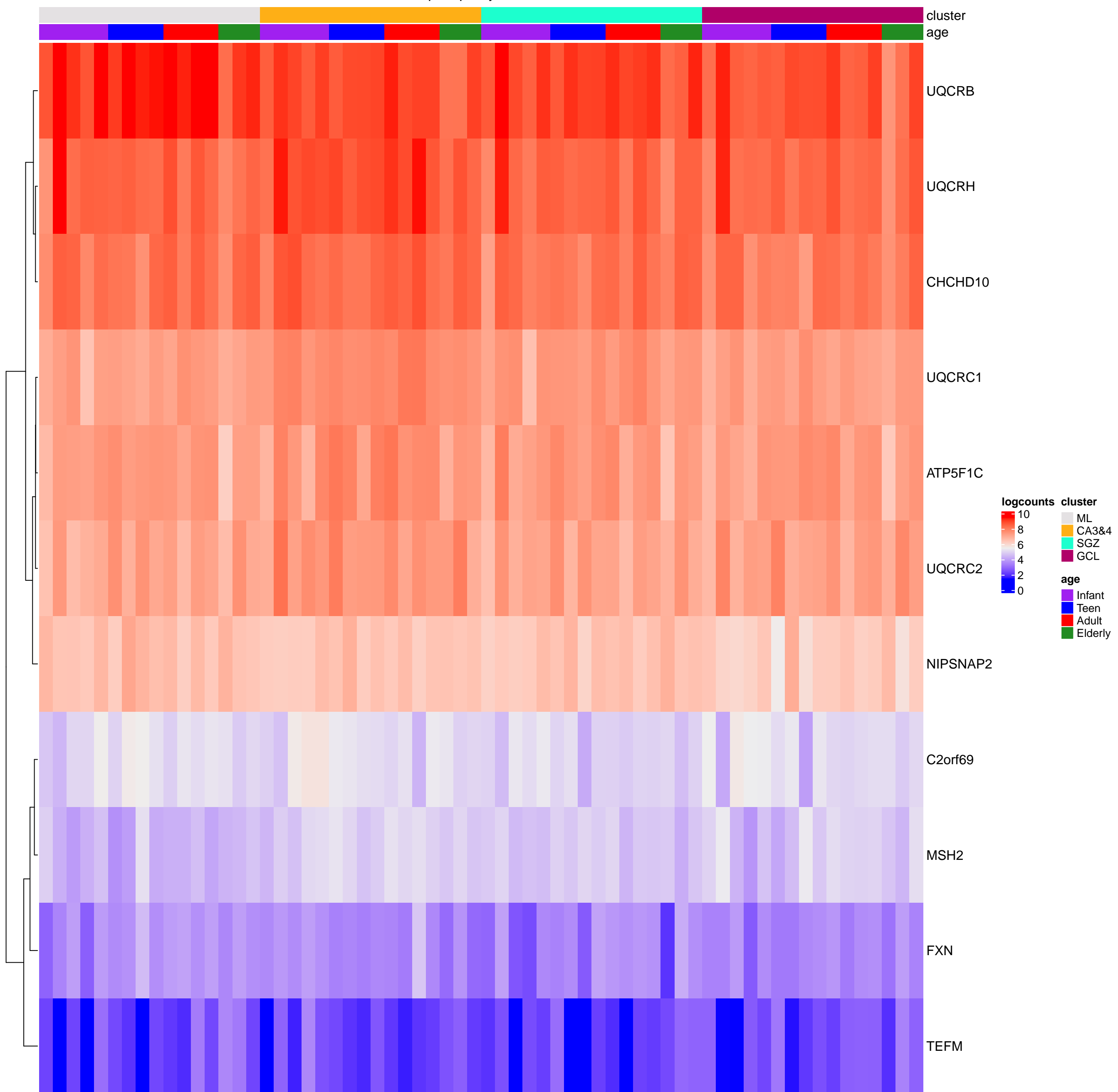


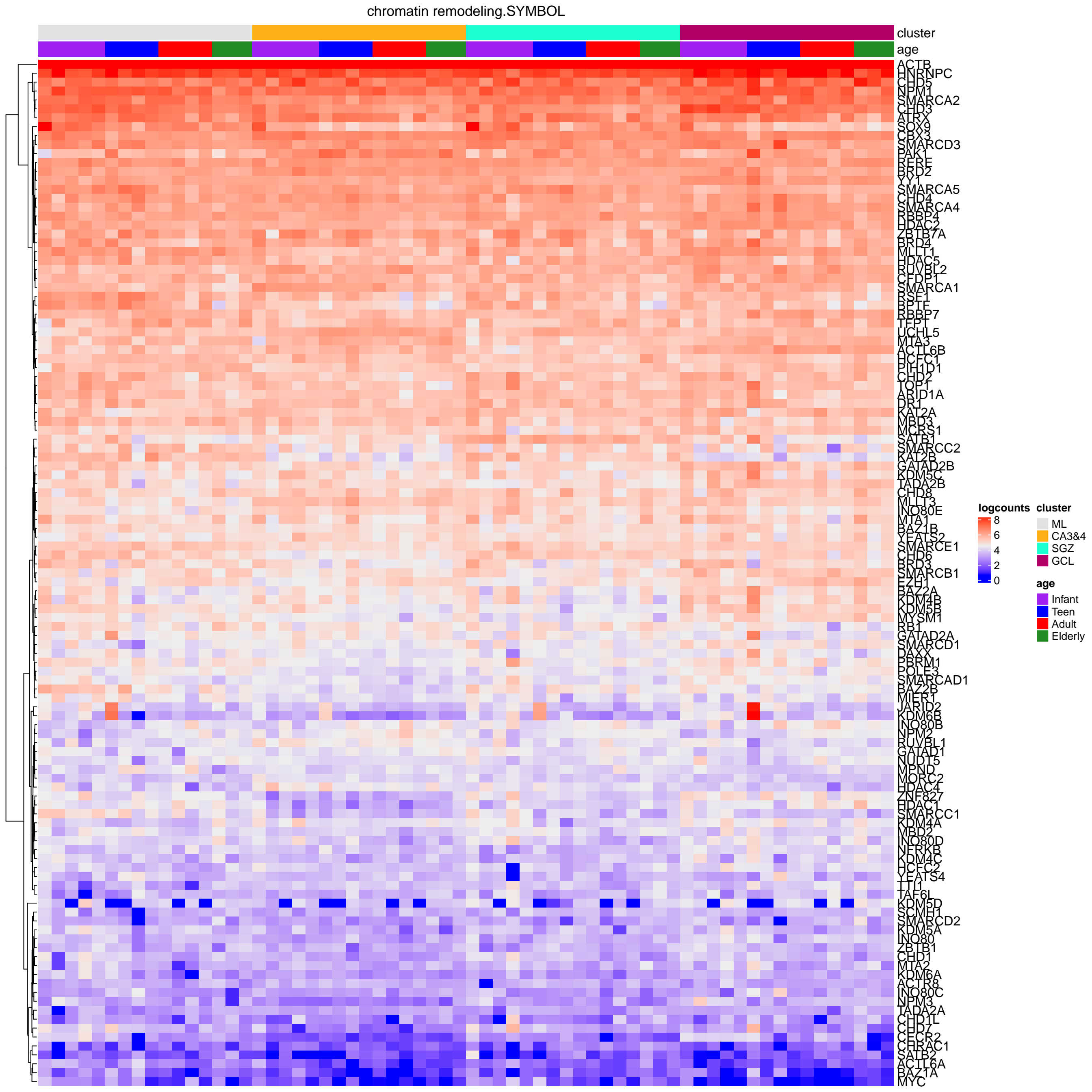
## forebrain development.SYMBOL



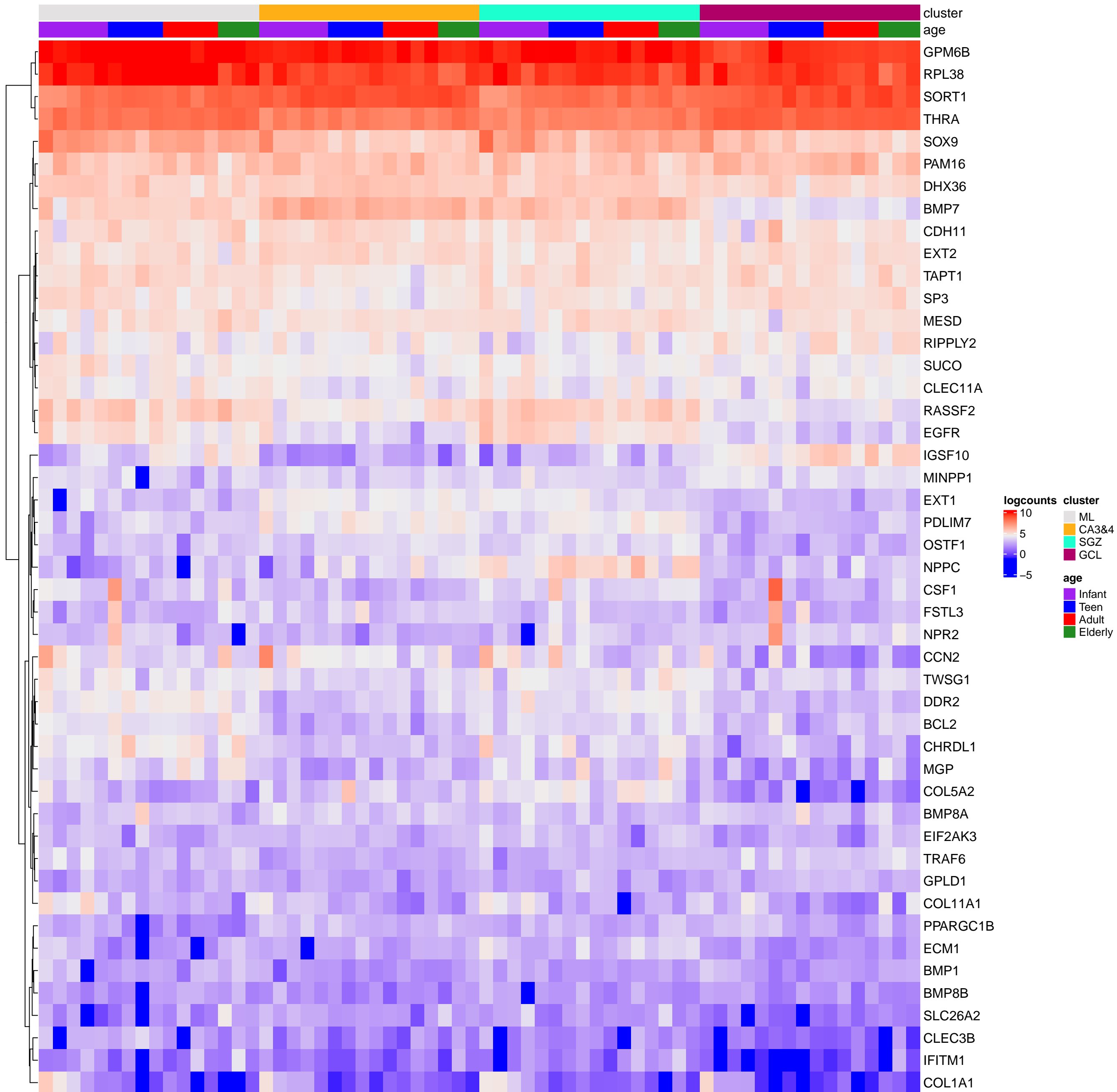


oxidative phosphorylation.SYMBOL

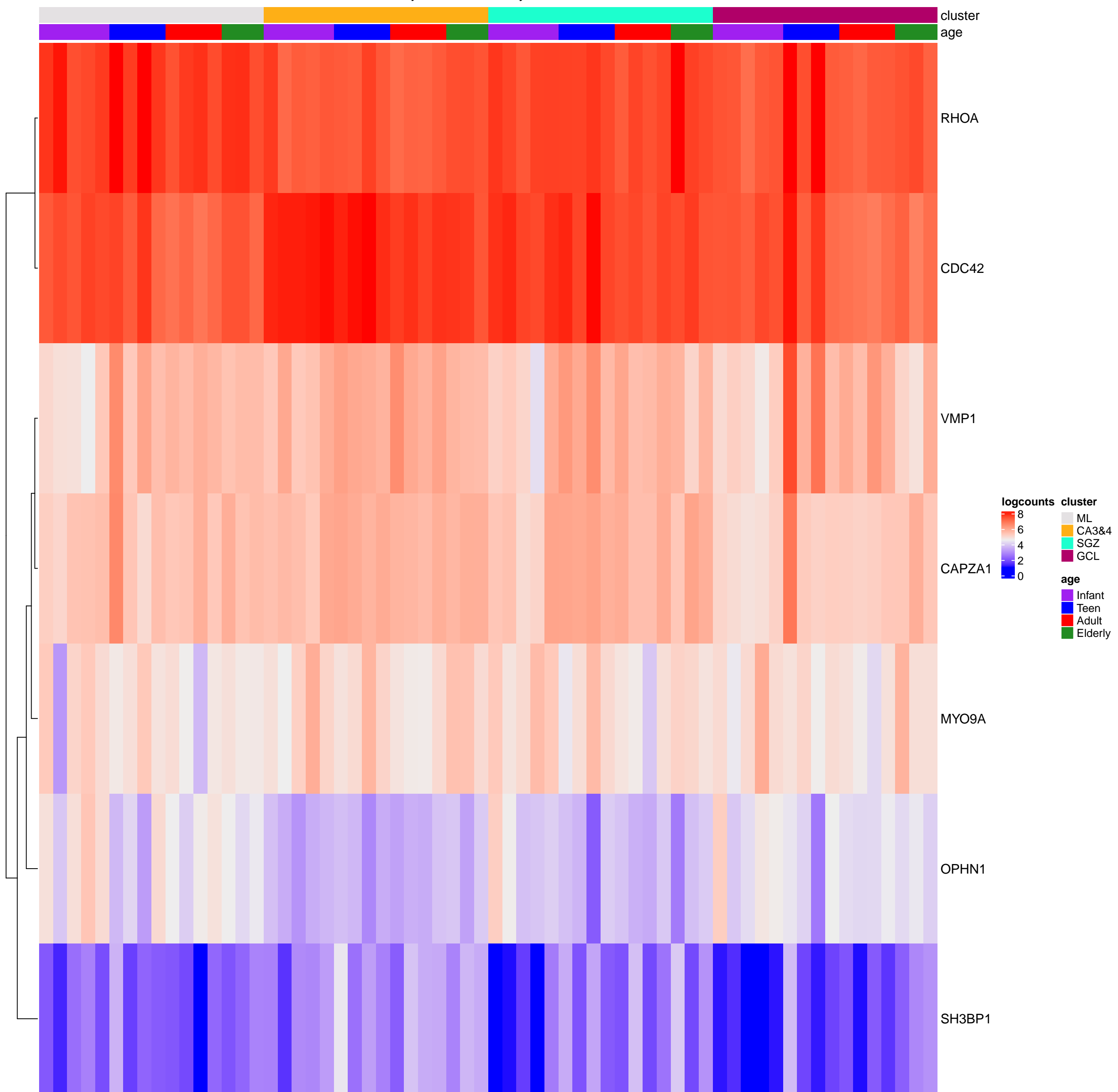




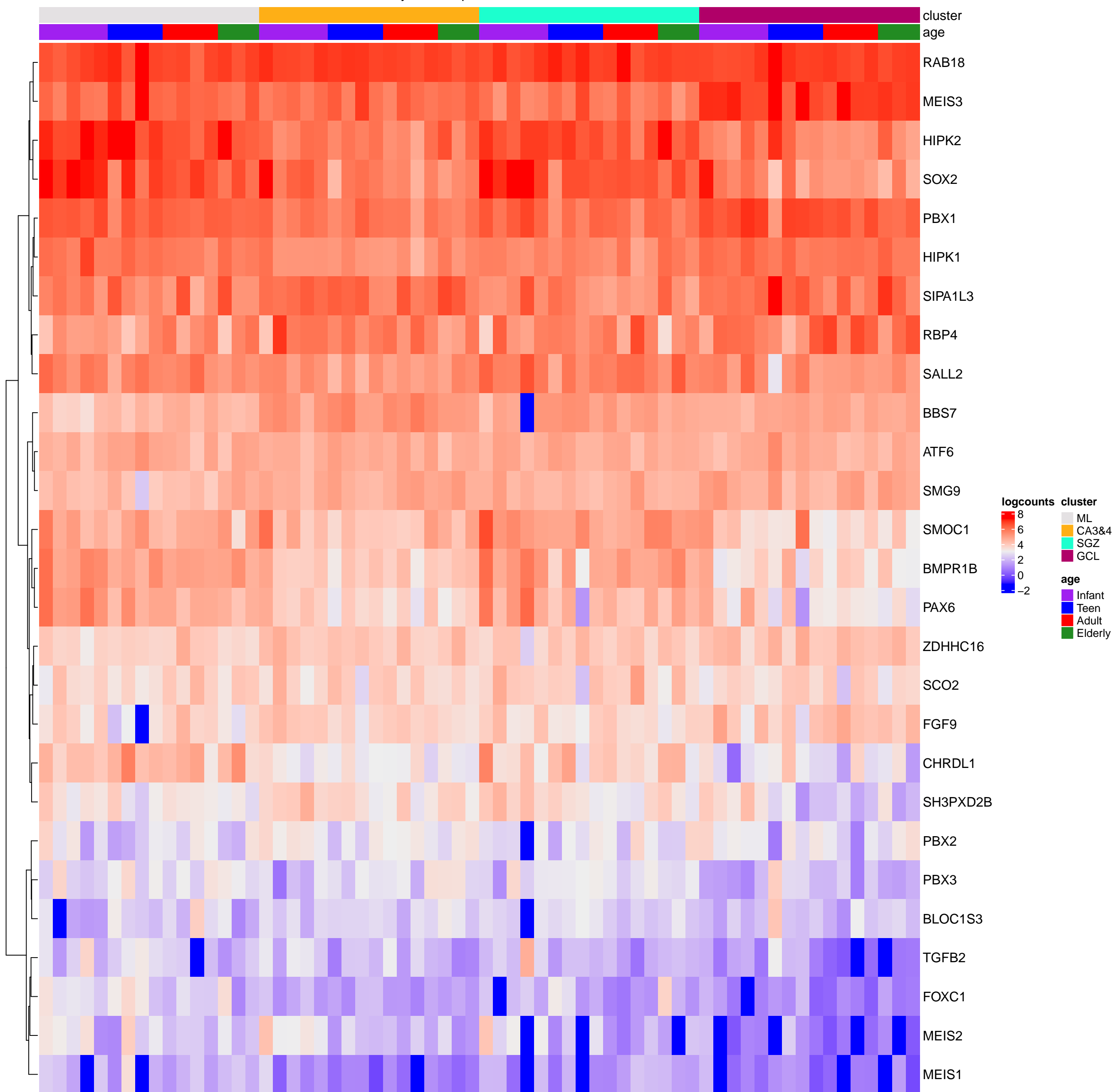
ossification.SYMBOL



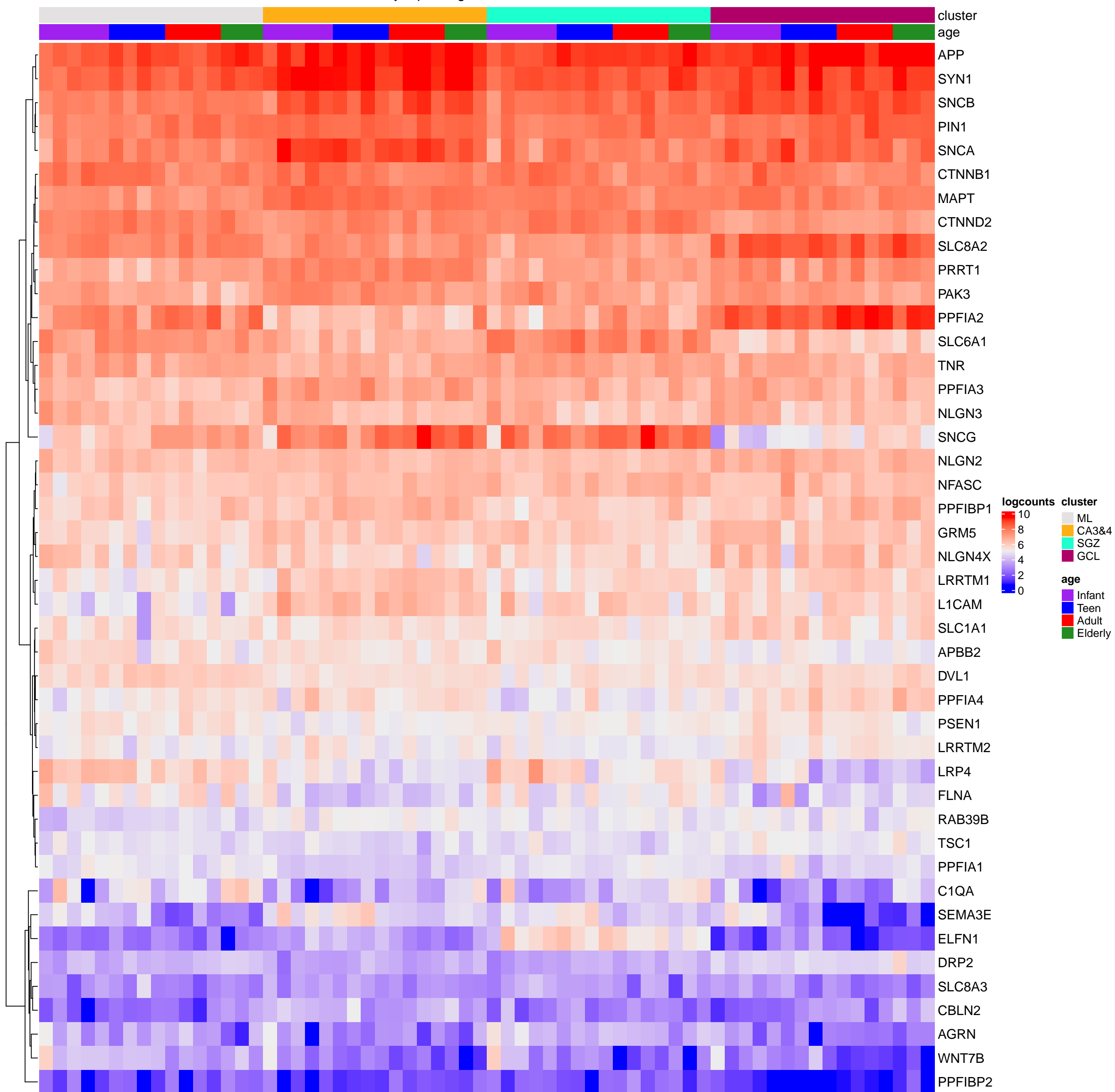
cell junction assembly.SYMBOL



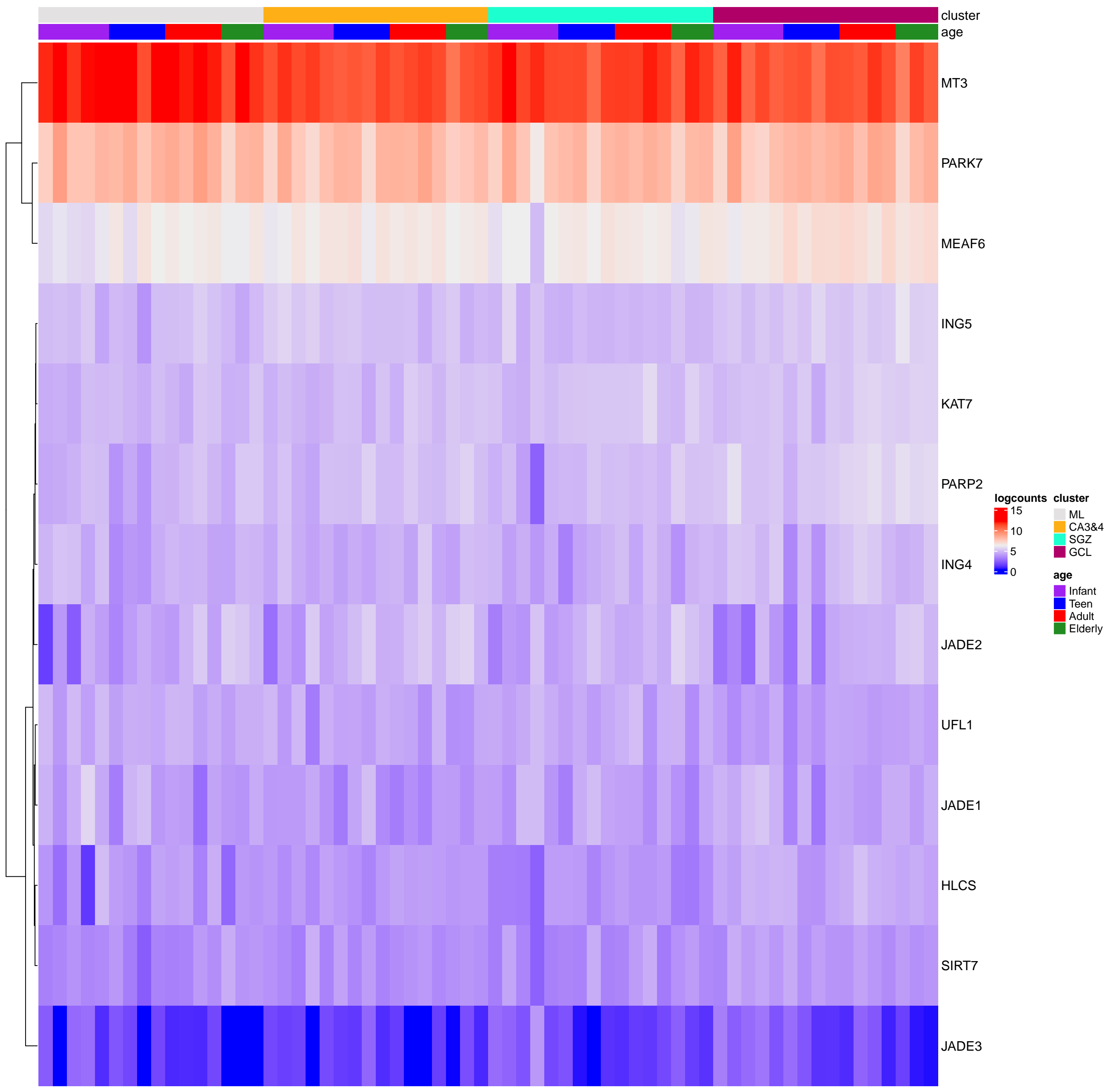
eye development.SYMBOL



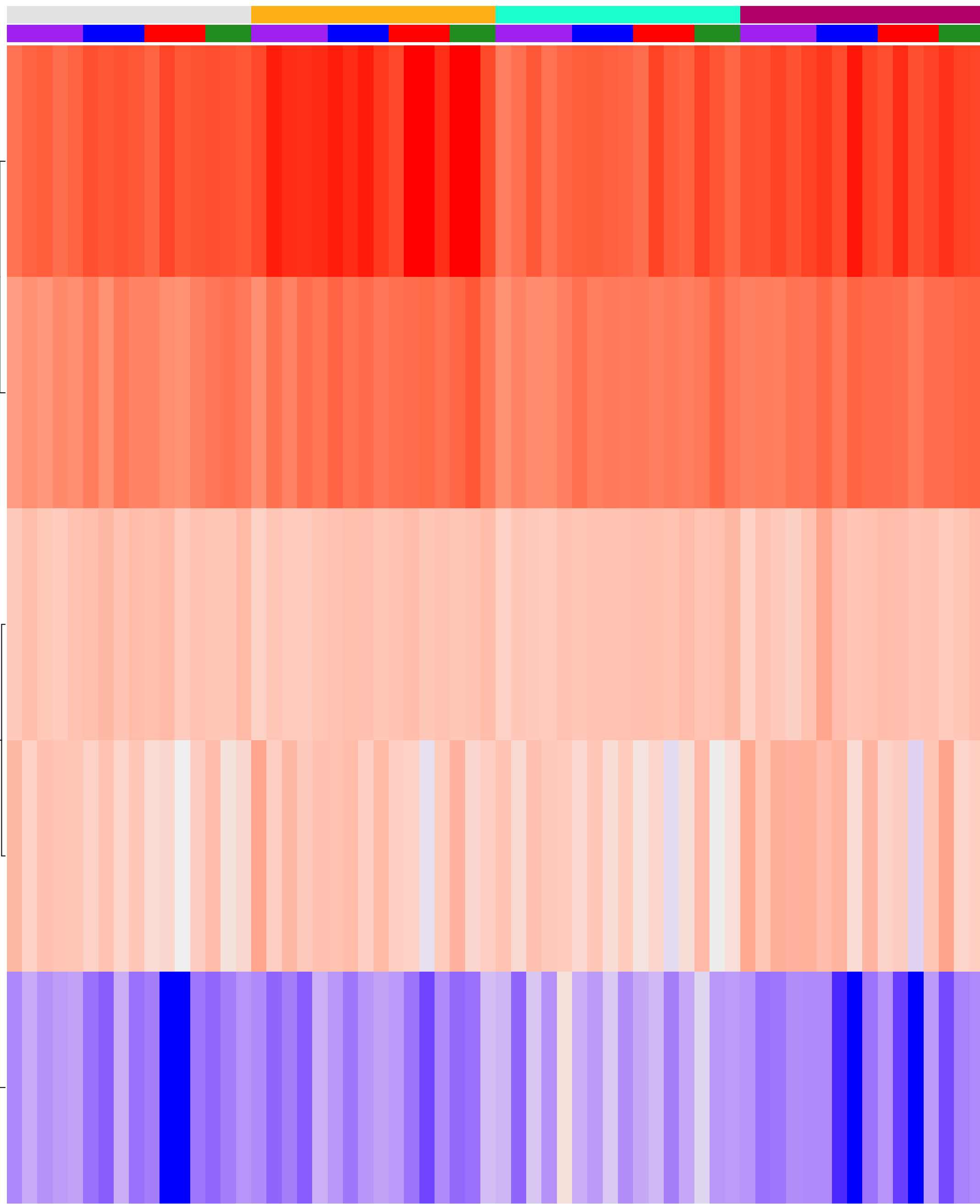
synapse organization.SYMBOL



histone modification.SYMBOL



regulation of synapse structure or activity.SYMBOL



cluster

age

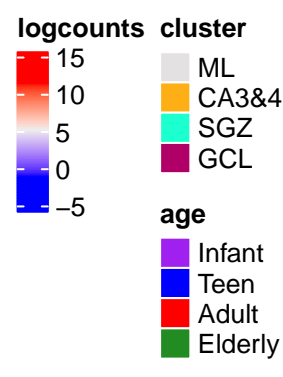
SLC17A7

APP

PPT1

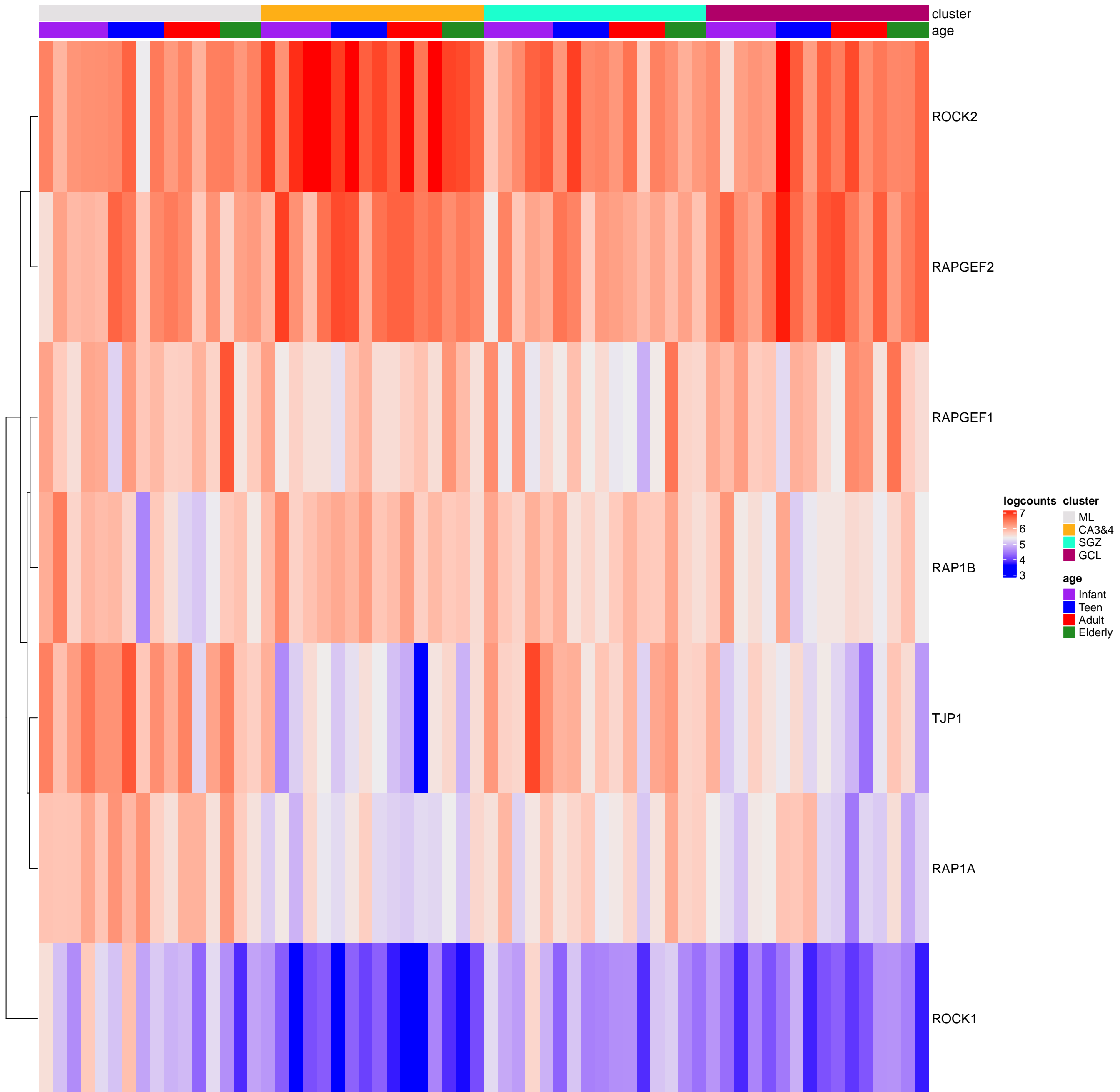
SYNGAP1

SLC17A6

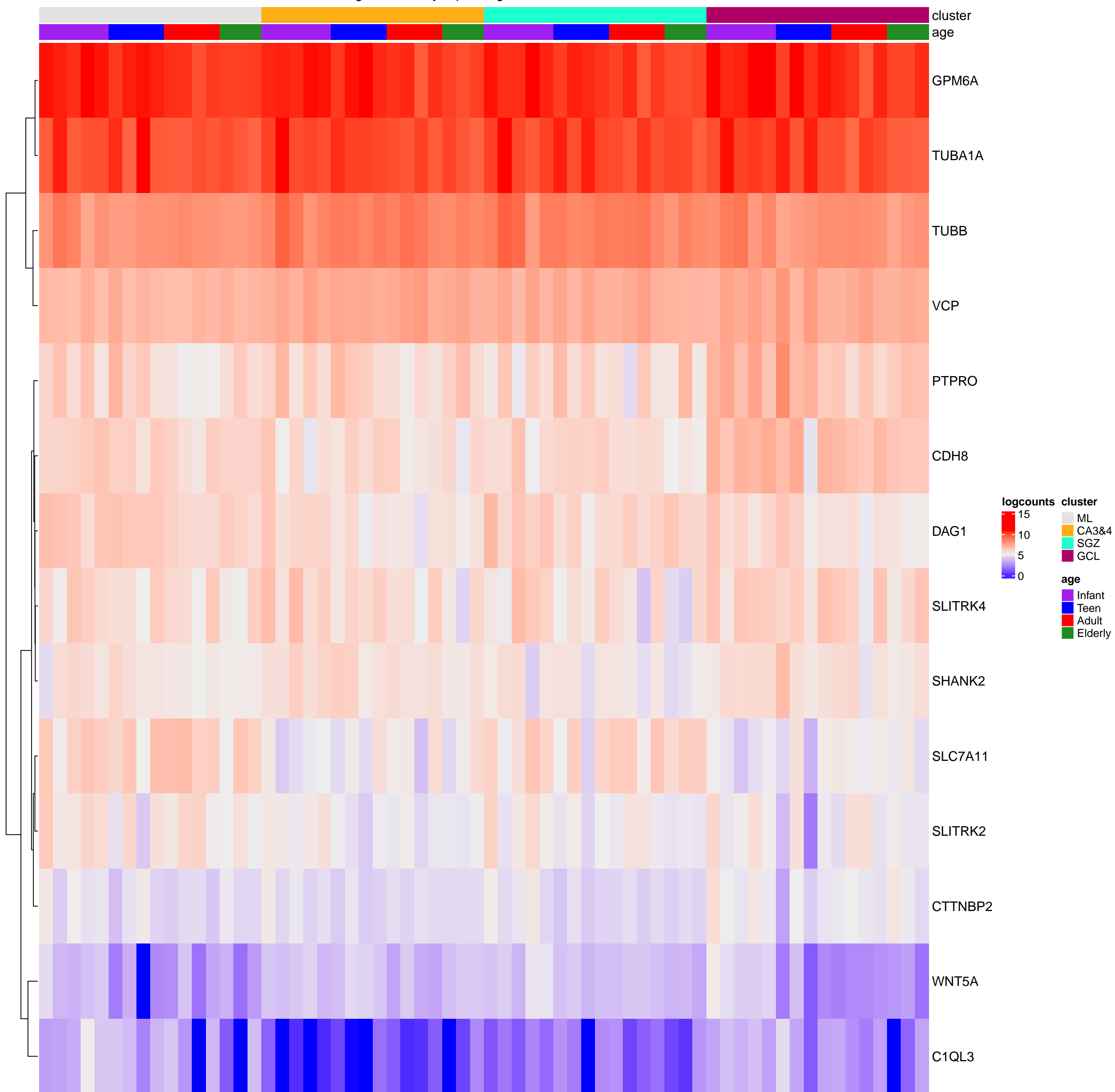




regulation of cell junction assembly.SYMBOL



## regulation of synapse organization.SYMBOL



developmental growth involved in morphogenesis.SYMBOL

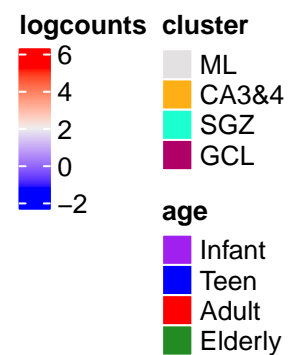
cluster

age

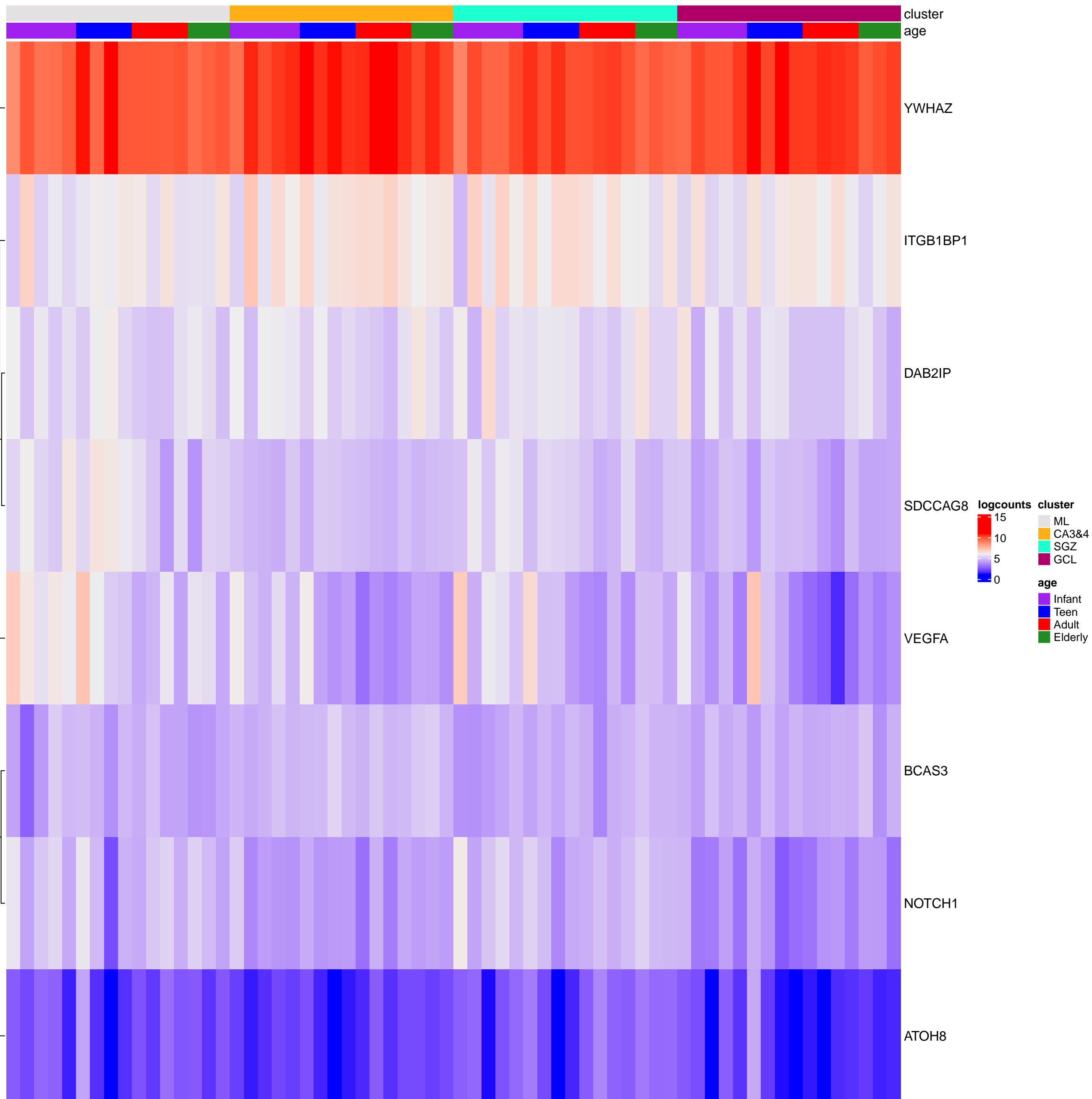
EXT1

WNT7B

TBX2



tube formation.SYMBOL



vacuolar transport.SYMBOL

cluster

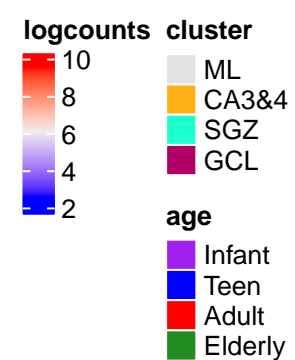
age

NDFIP1

ATP6V0D1

NDFIP2

VIPAS39



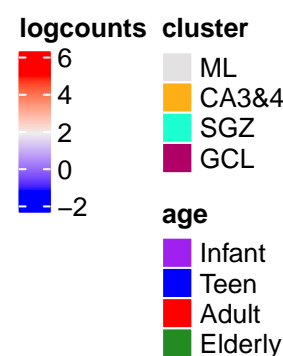
postsynapse assembly.SYMBOL

cluster

age

WNT5A

WNT7A



gliogenesis.SYMBOL

cluster

age

NDUFS2

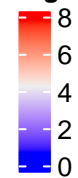
METTL3

METTL14

CDK6

ANXA1

logcounts



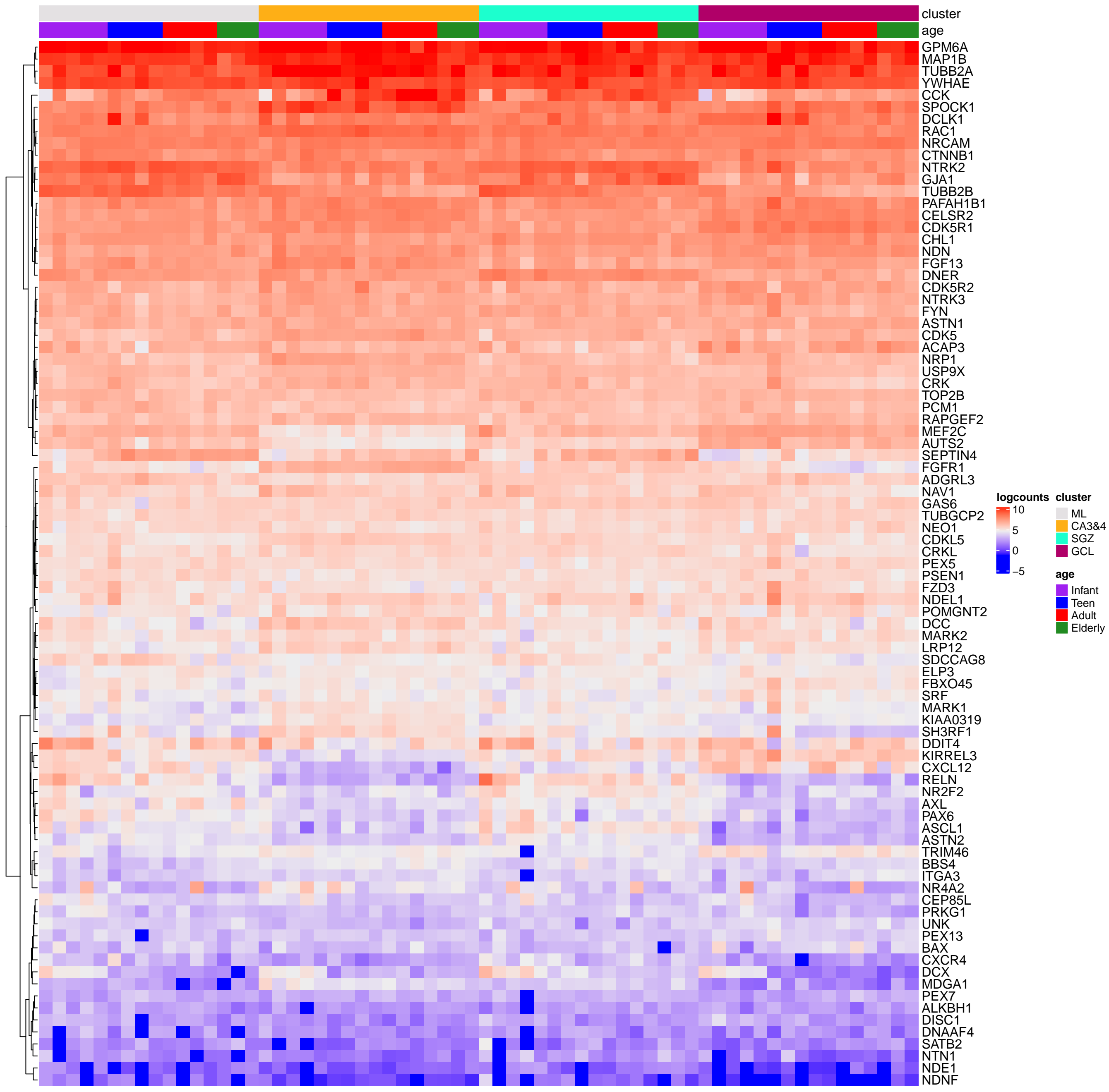
cluster

ML  
CA3&4  
SGZ  
GCL

age

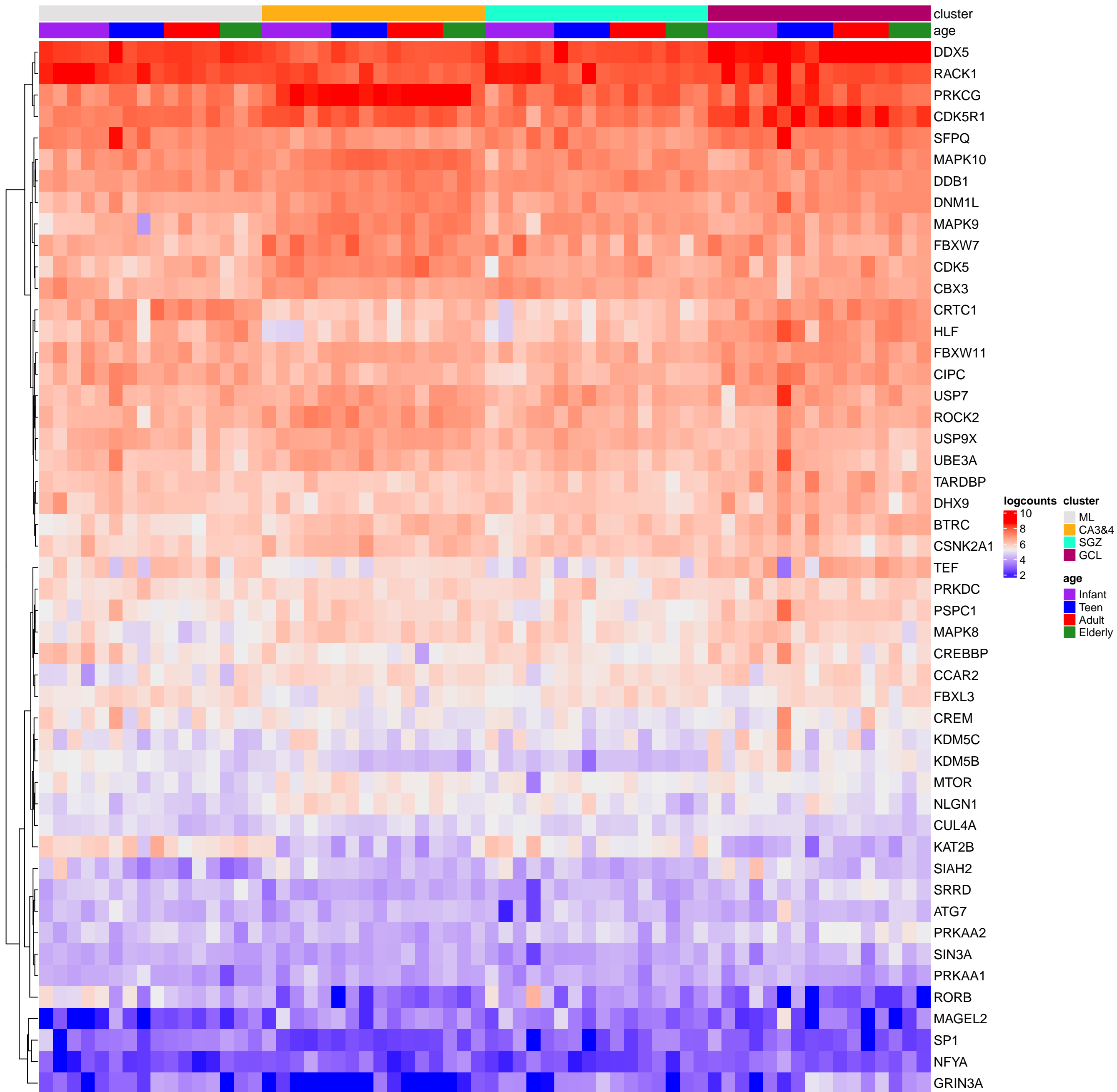
Infant  
Teen  
Adult  
Elderly

neuron migration.SYMBOL

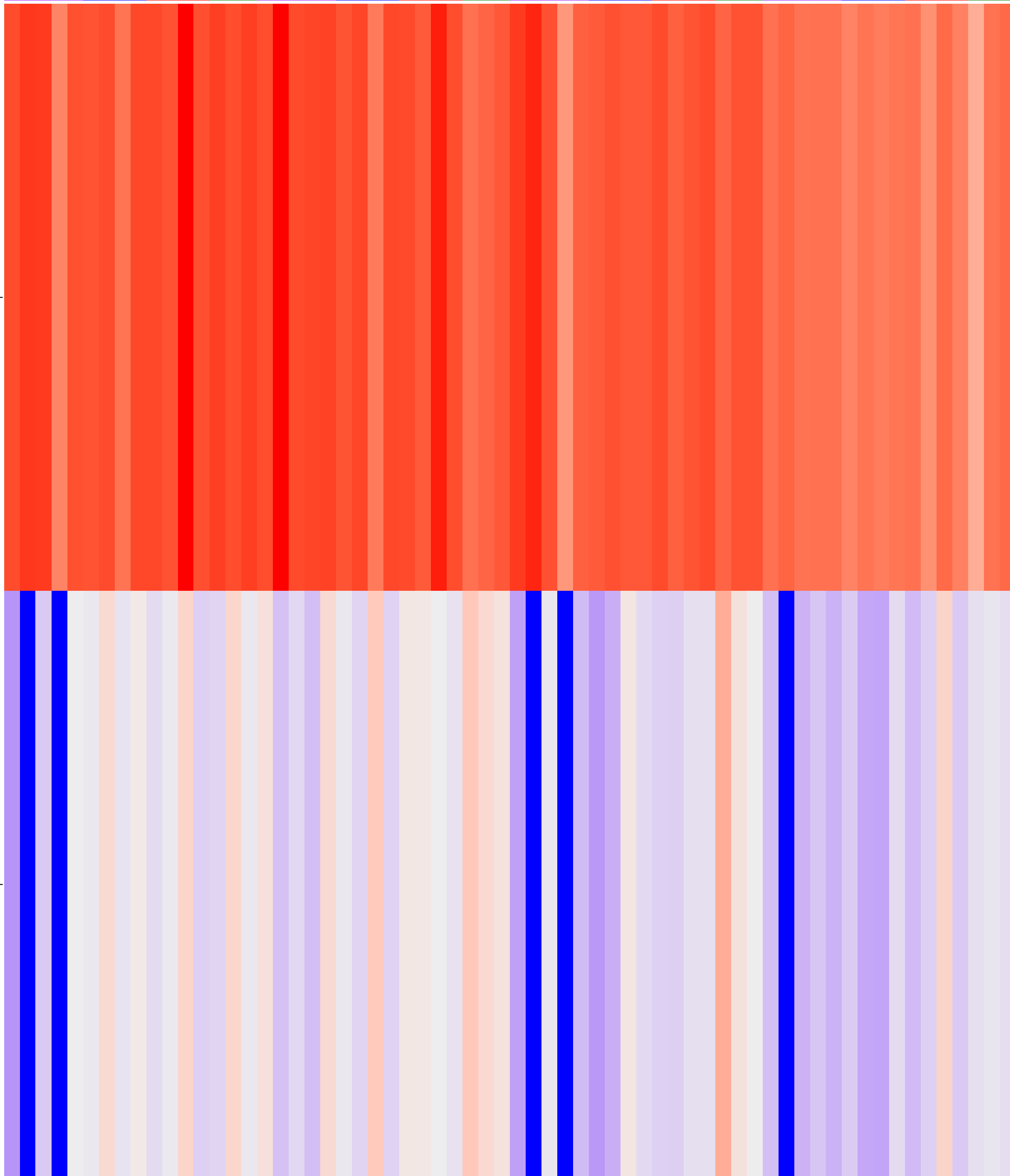




rhythmic process.SYMBOL

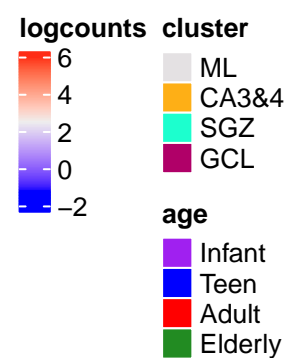


antigen processing and presentation of exogenous antigen.SYMBOL

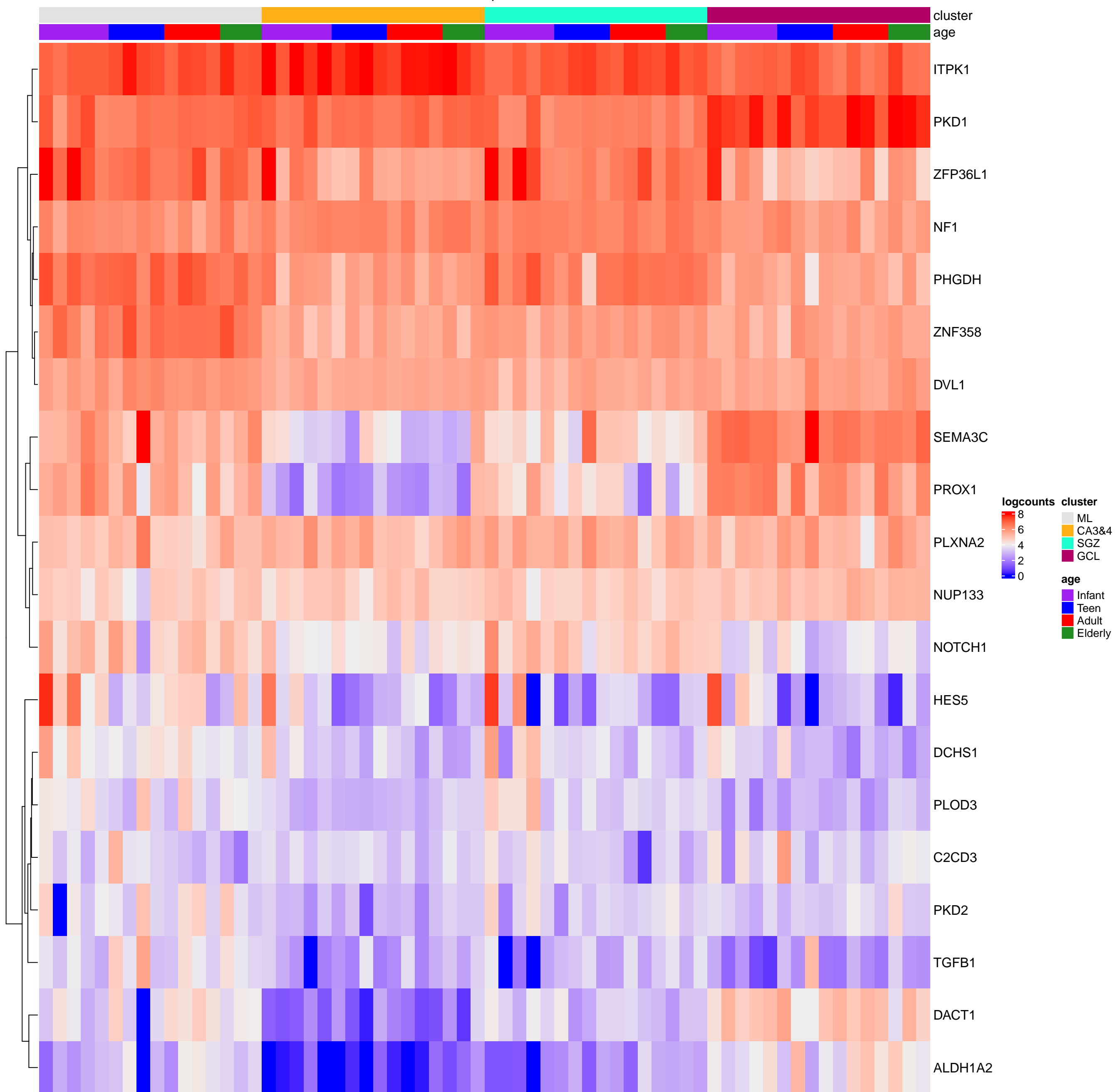


PSME1

MR1



neural tube development.SYMBOL



mesenchyme development.SYMBOL

cluster

age

BMP7

BMP2

logcounts



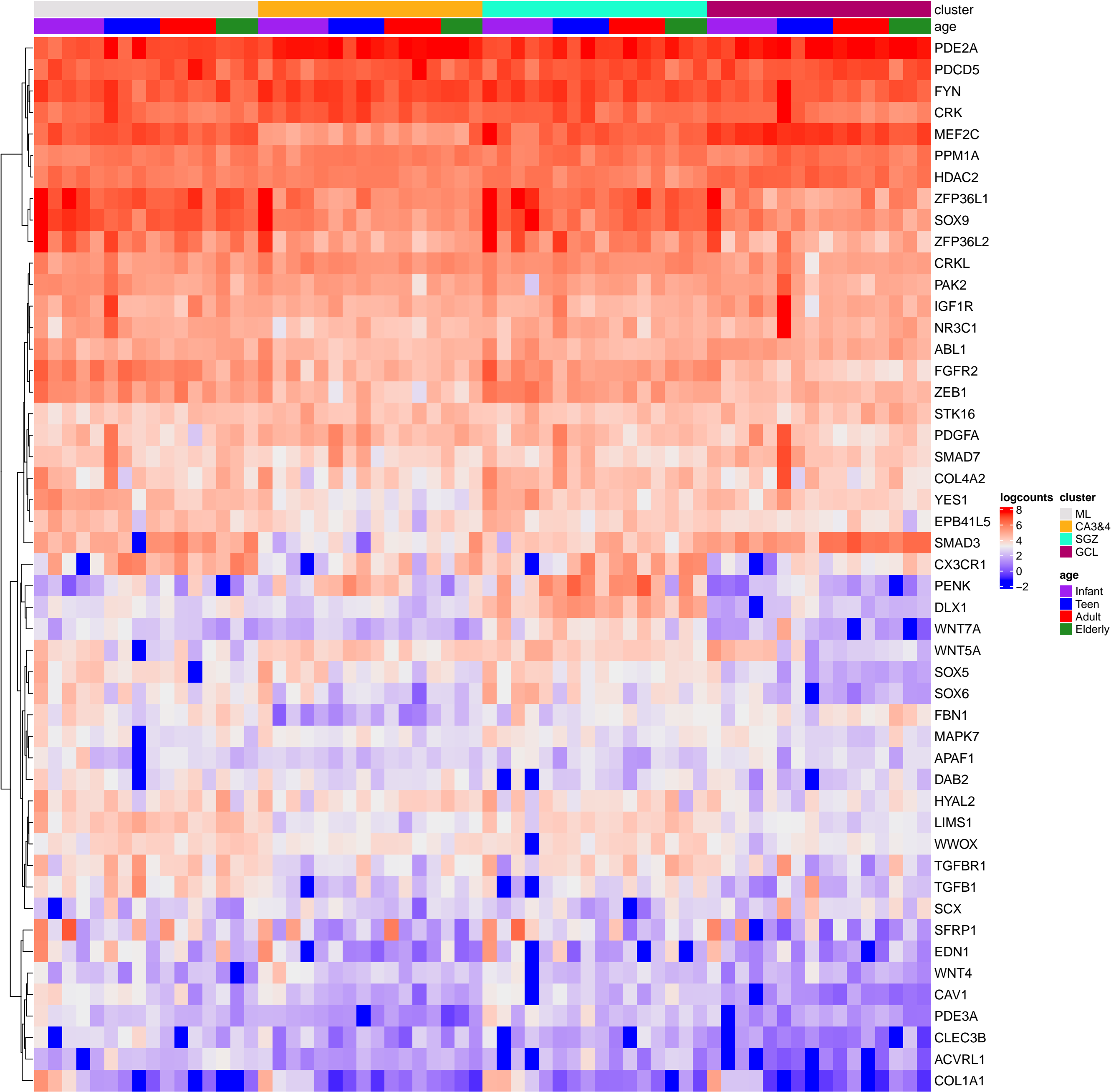
cluster

- ML
- CA3&4
- SGZ
- GCL

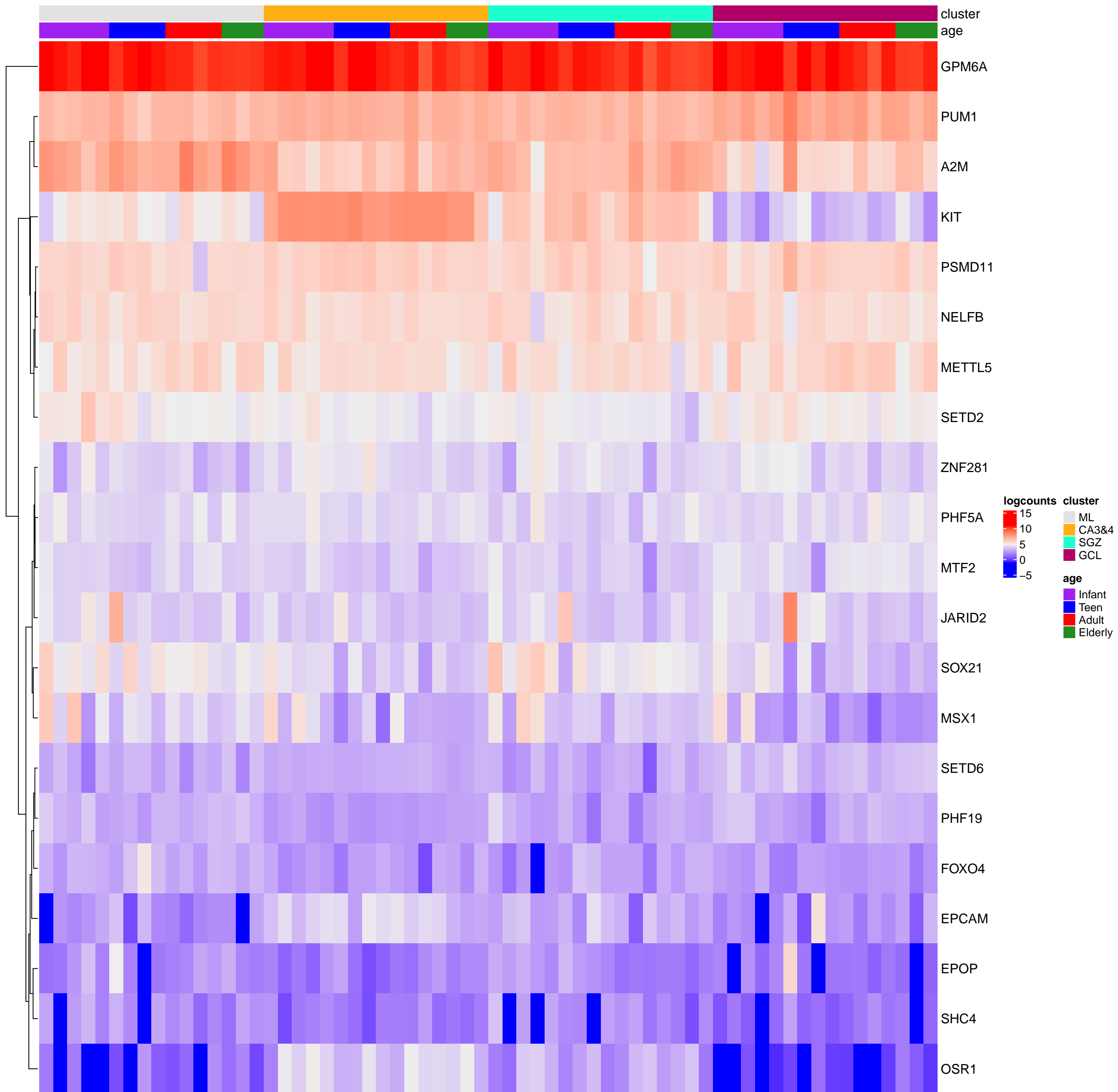
age

- Infant
- Teen
- Adult
- Elderly

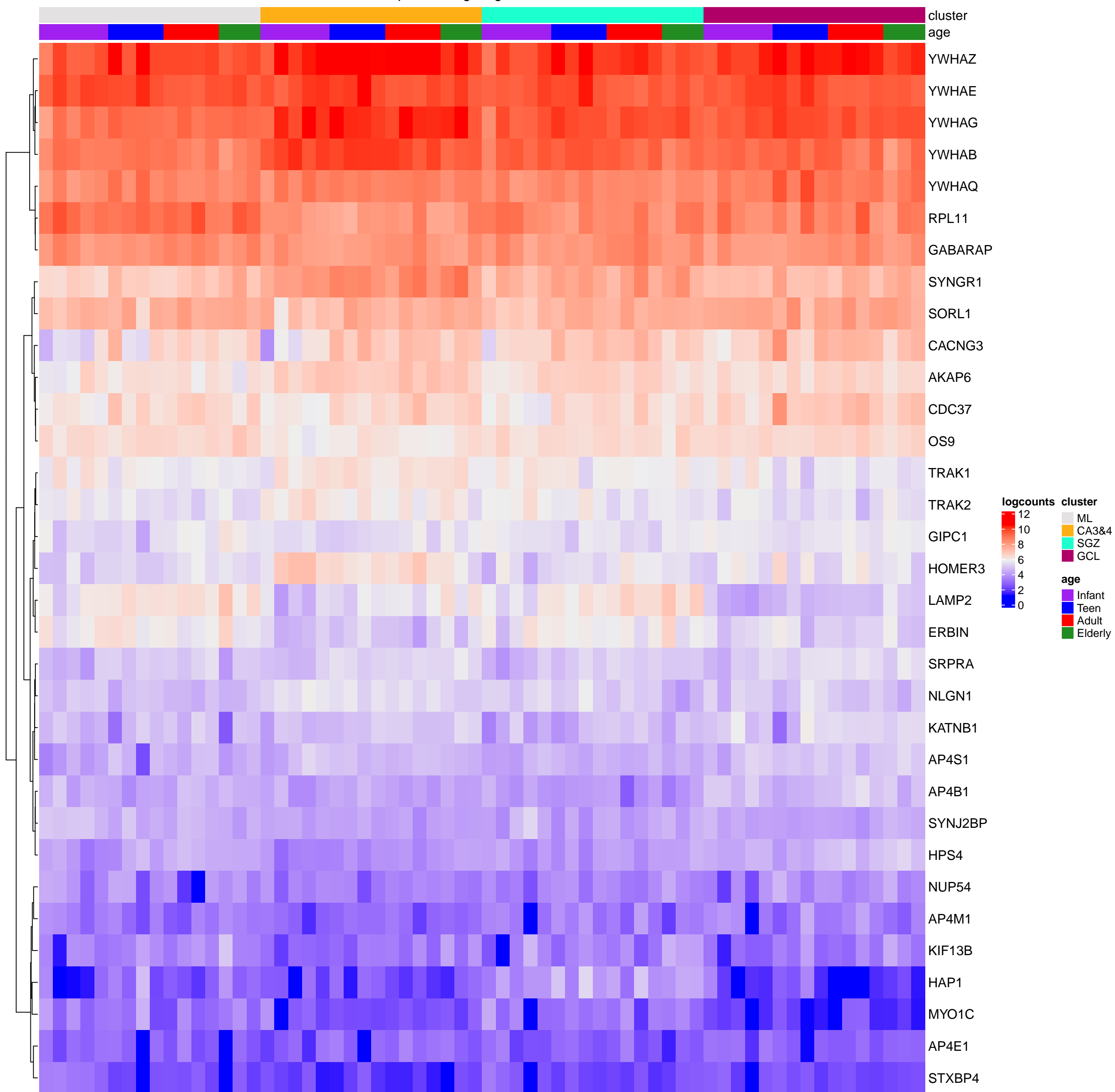
cellular response to transforming growth factor beta stimulus.SYMBOL



## stem cell differentiation.SYMBOL



protein targeting.SYMBOL



glycerophospholipid metabolic process.SYMBOL

cluster

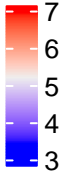
age

PGP

PLA2G15

PIP5K1A

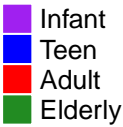
logcounts



cluster

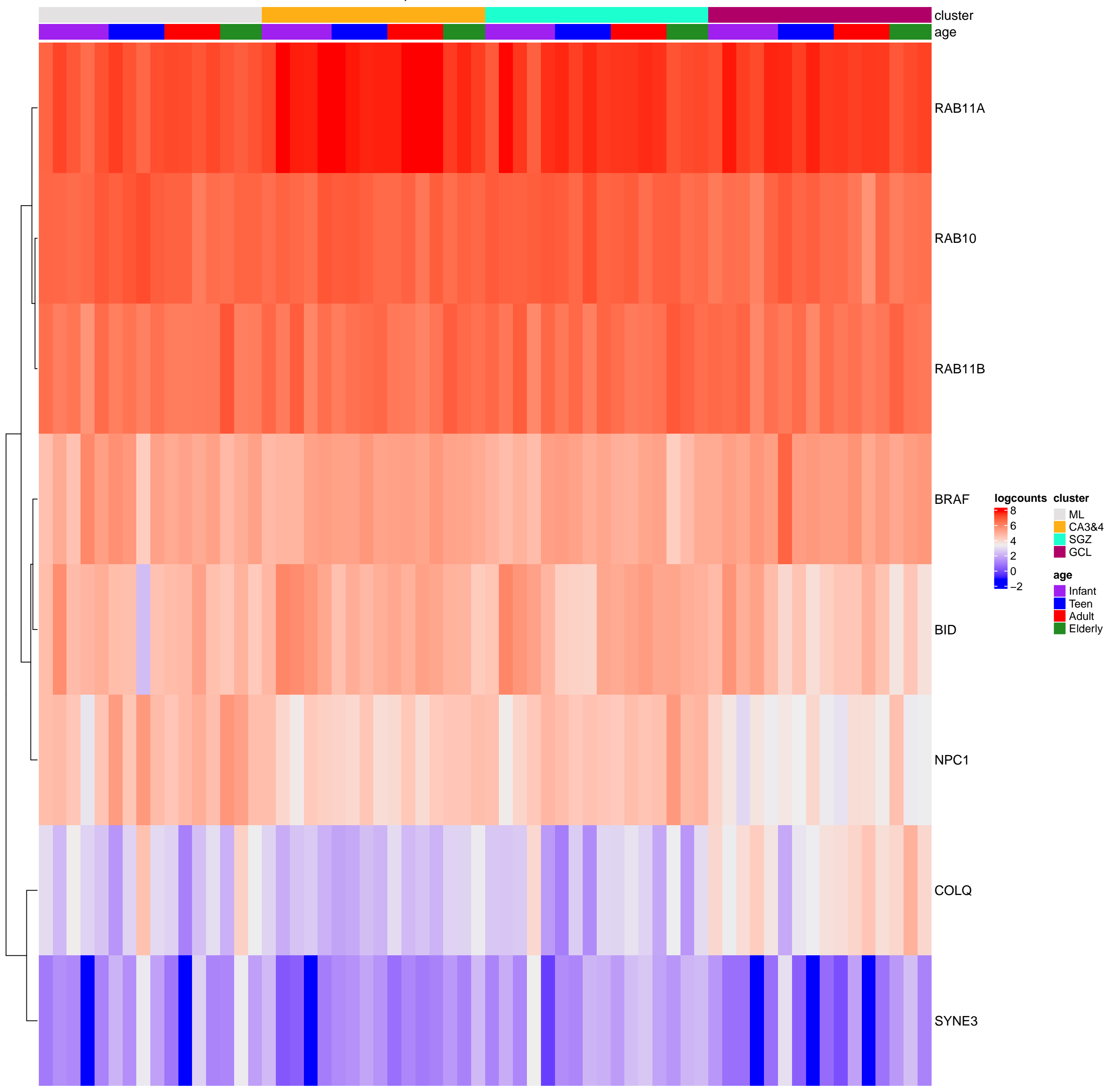


age

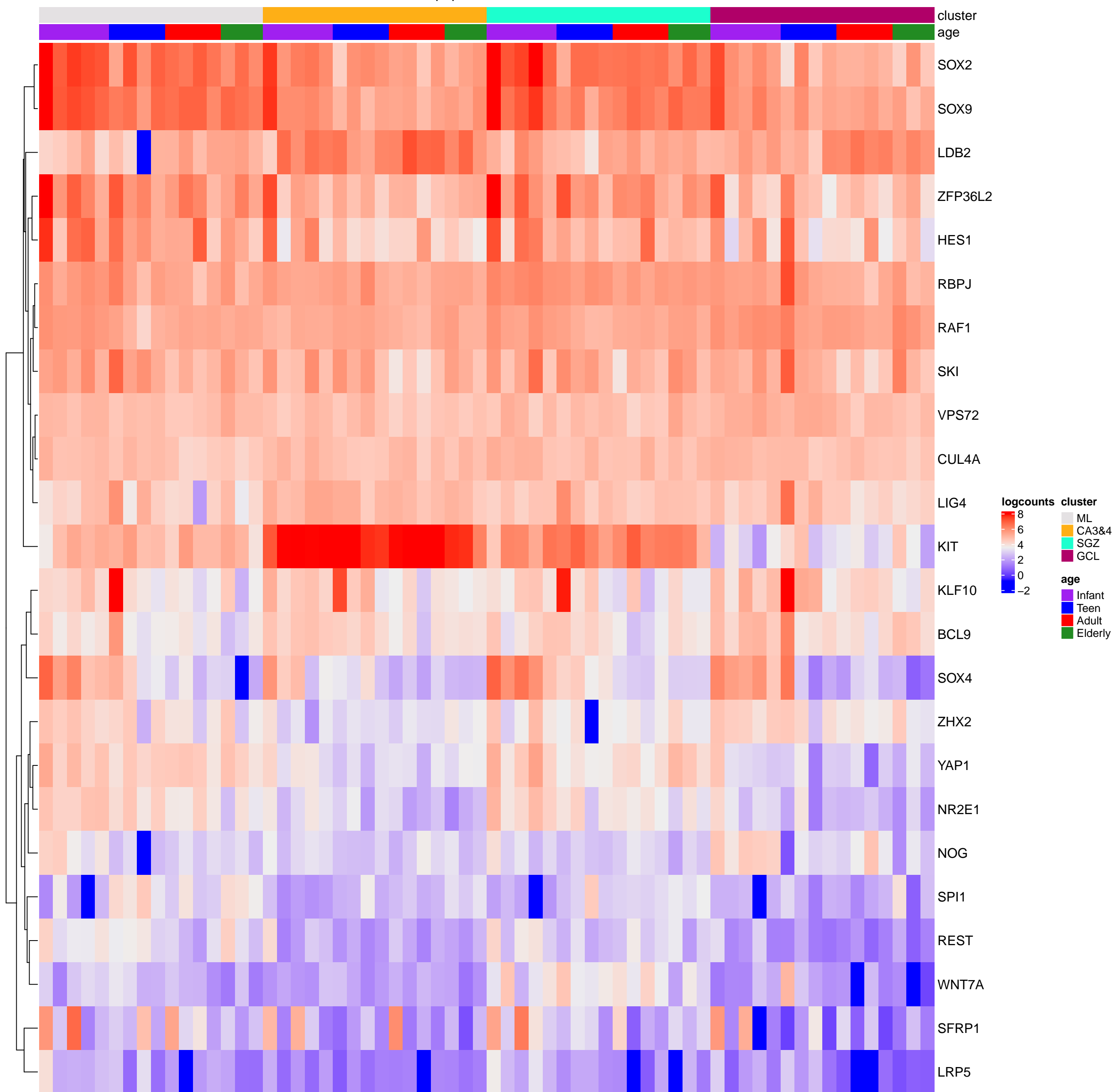




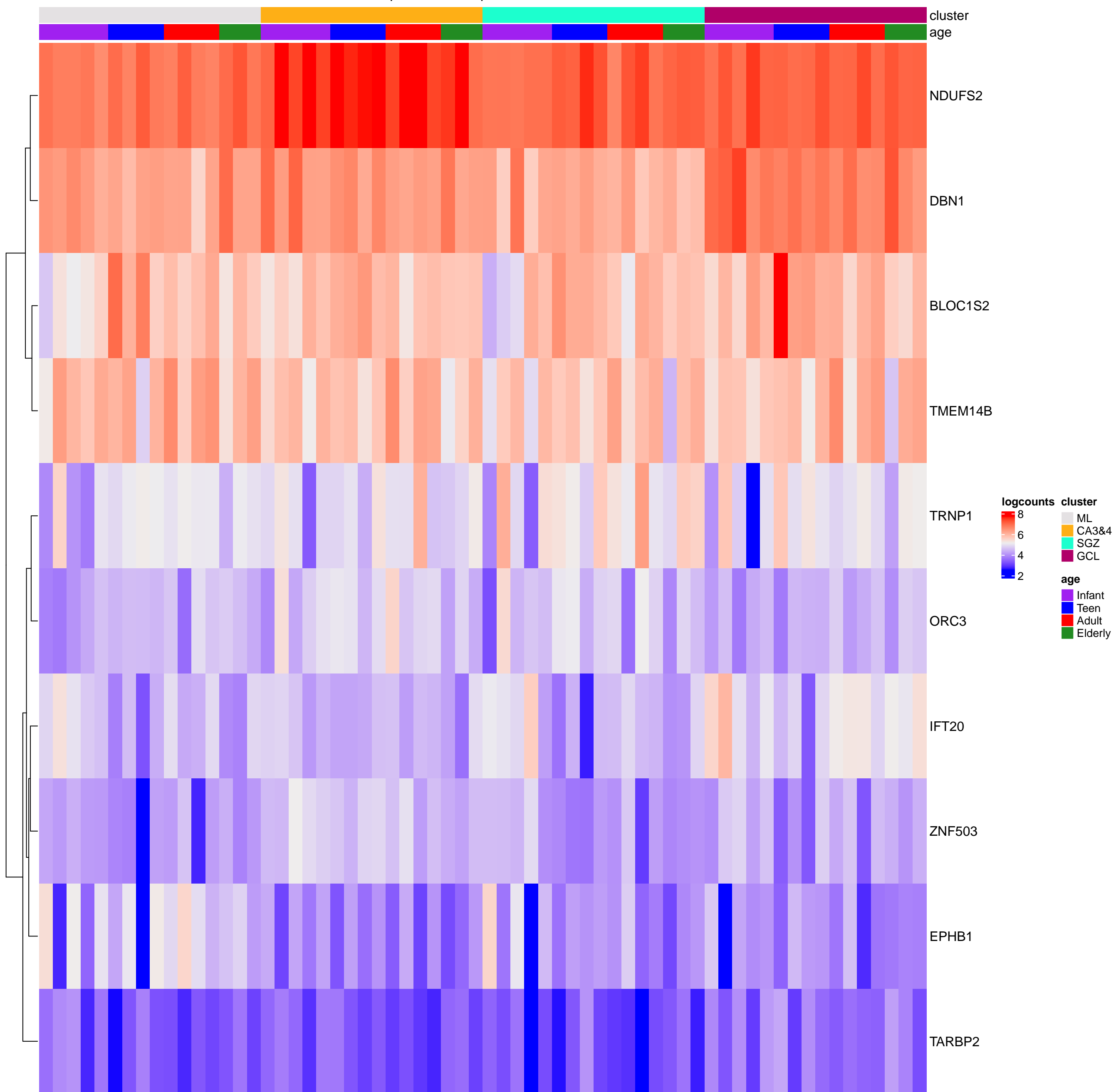
establishment of protein localization to membrane.SYMBOL



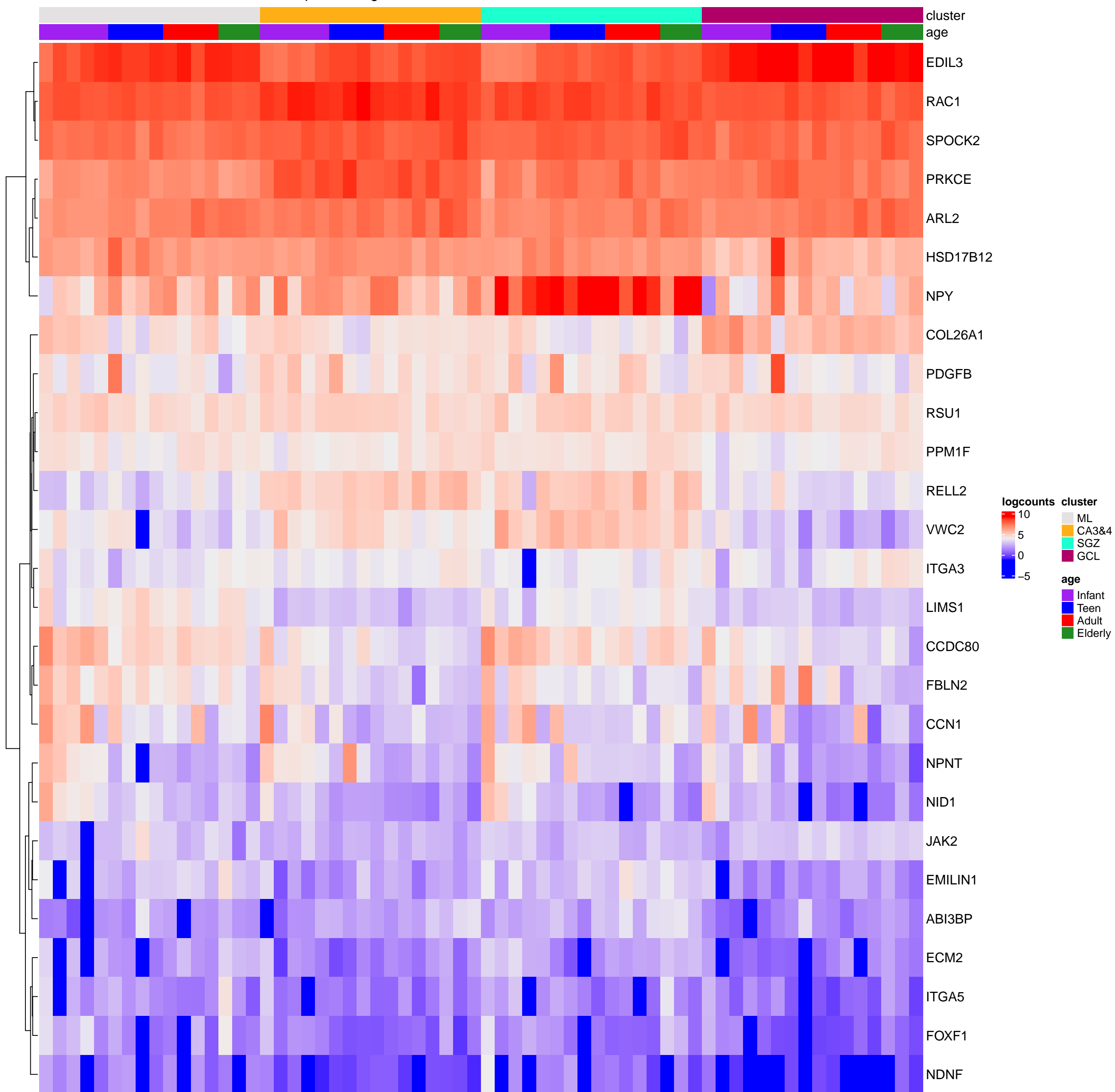
somatic stem cell population maintenance.SYMBOL



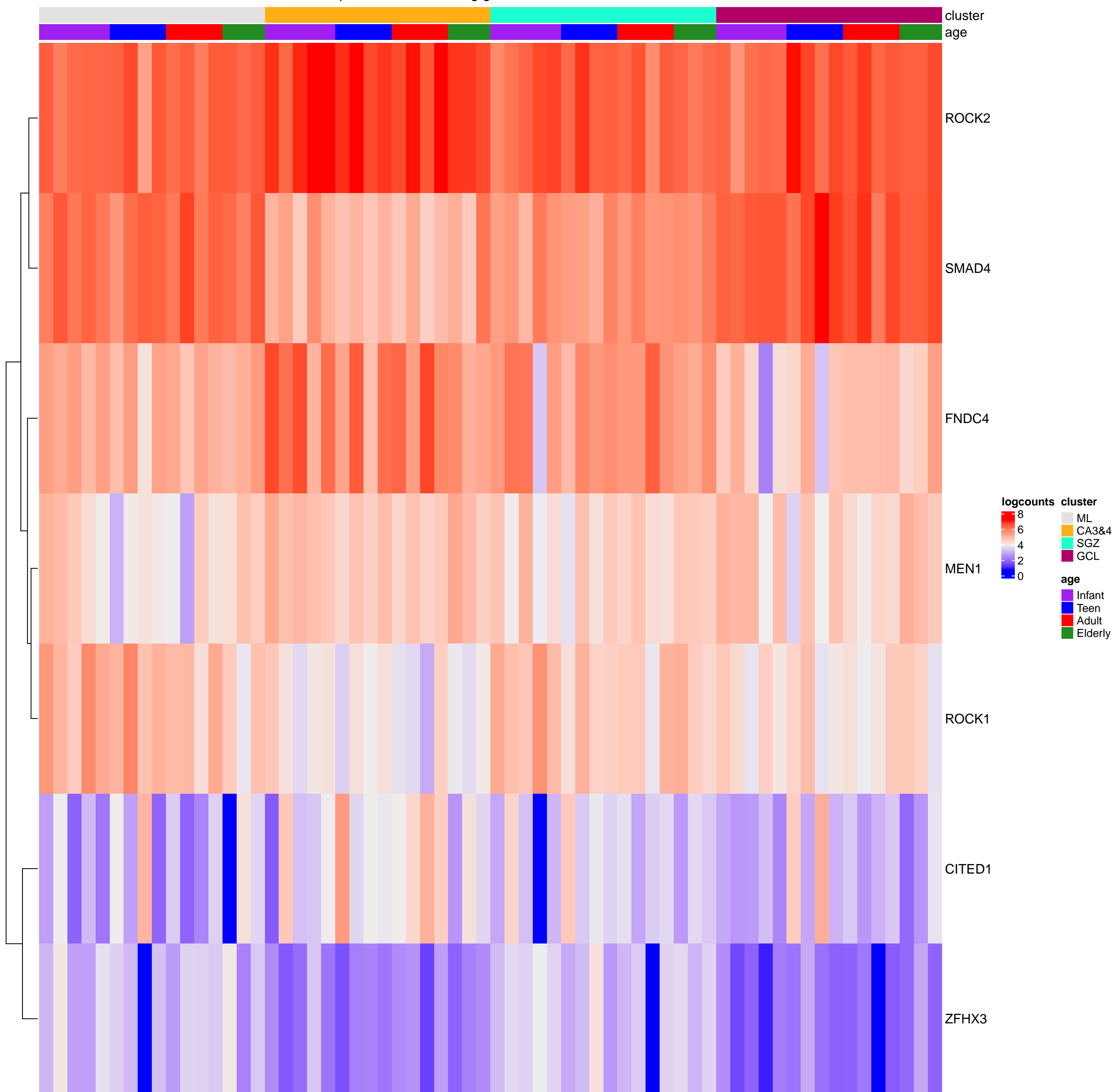
## neural precursor cell proliferation.SYMBOL



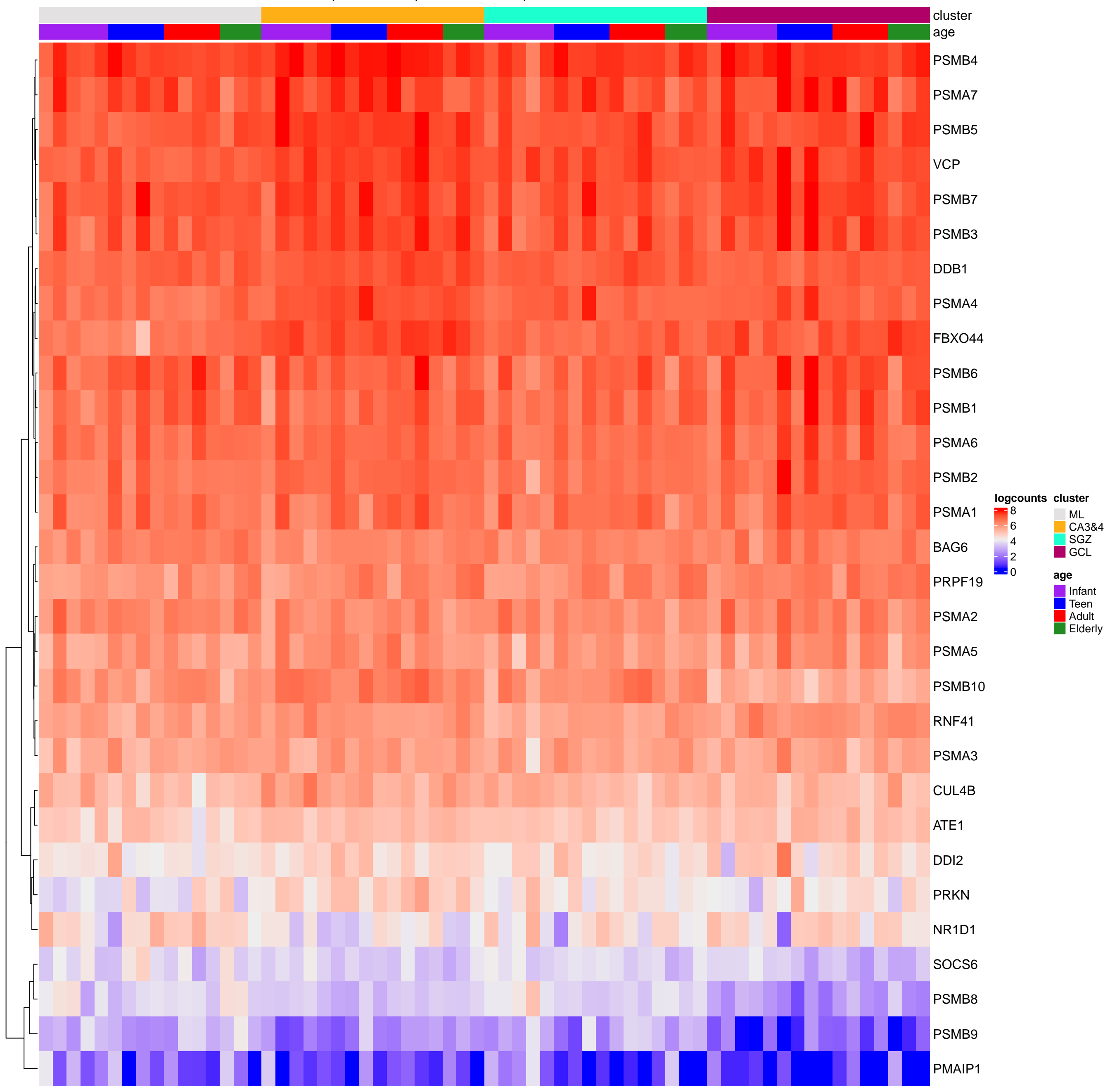
## positive regulation of cell-substrate adhesion.SYMBOL

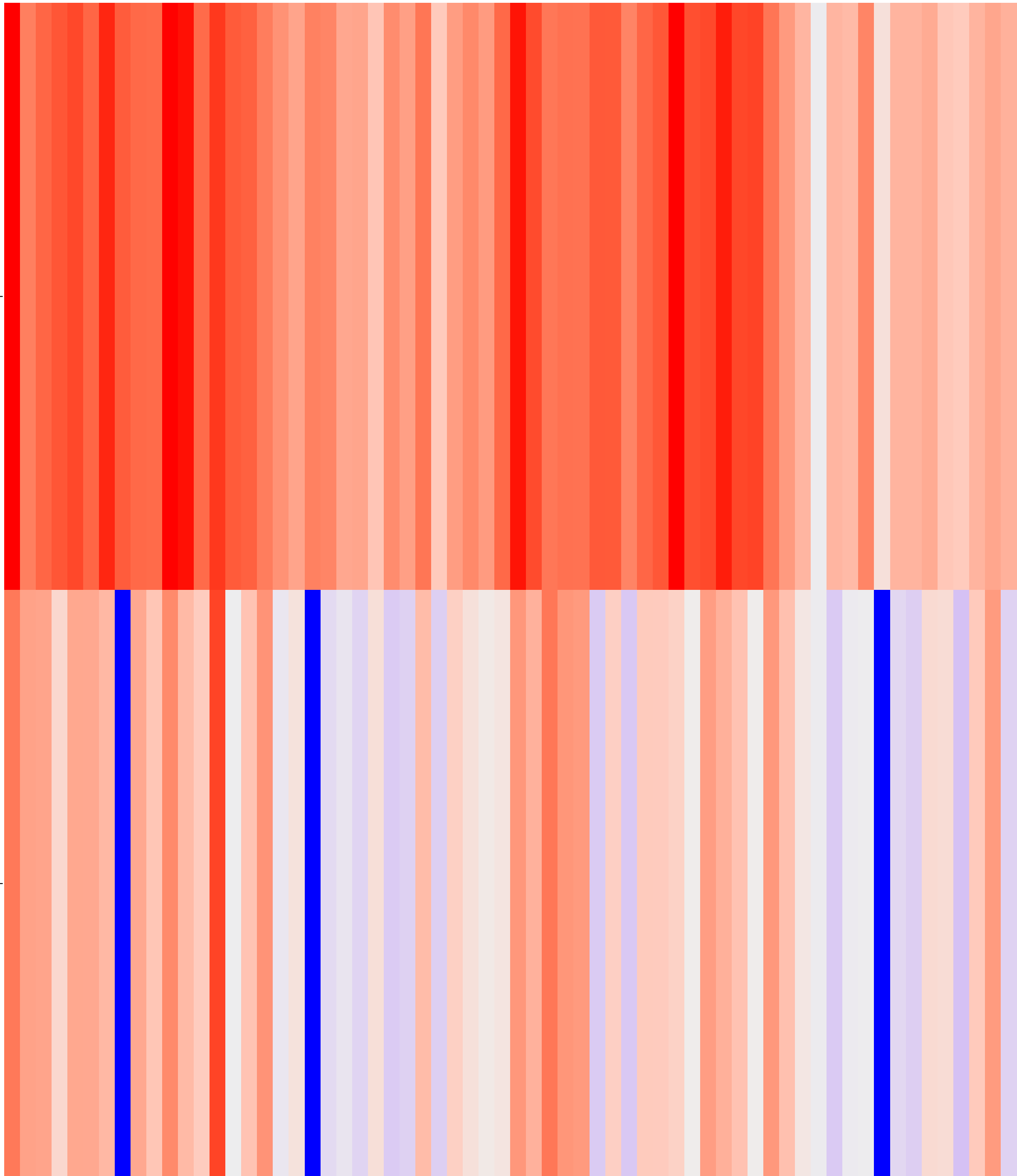


response to transforming growth factor beta.SYMBOL



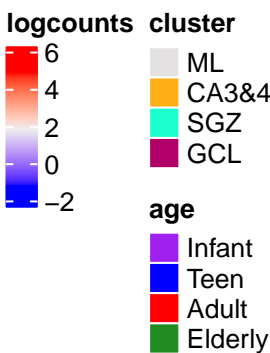
proteasomal protein catabolic process.SYMBOL



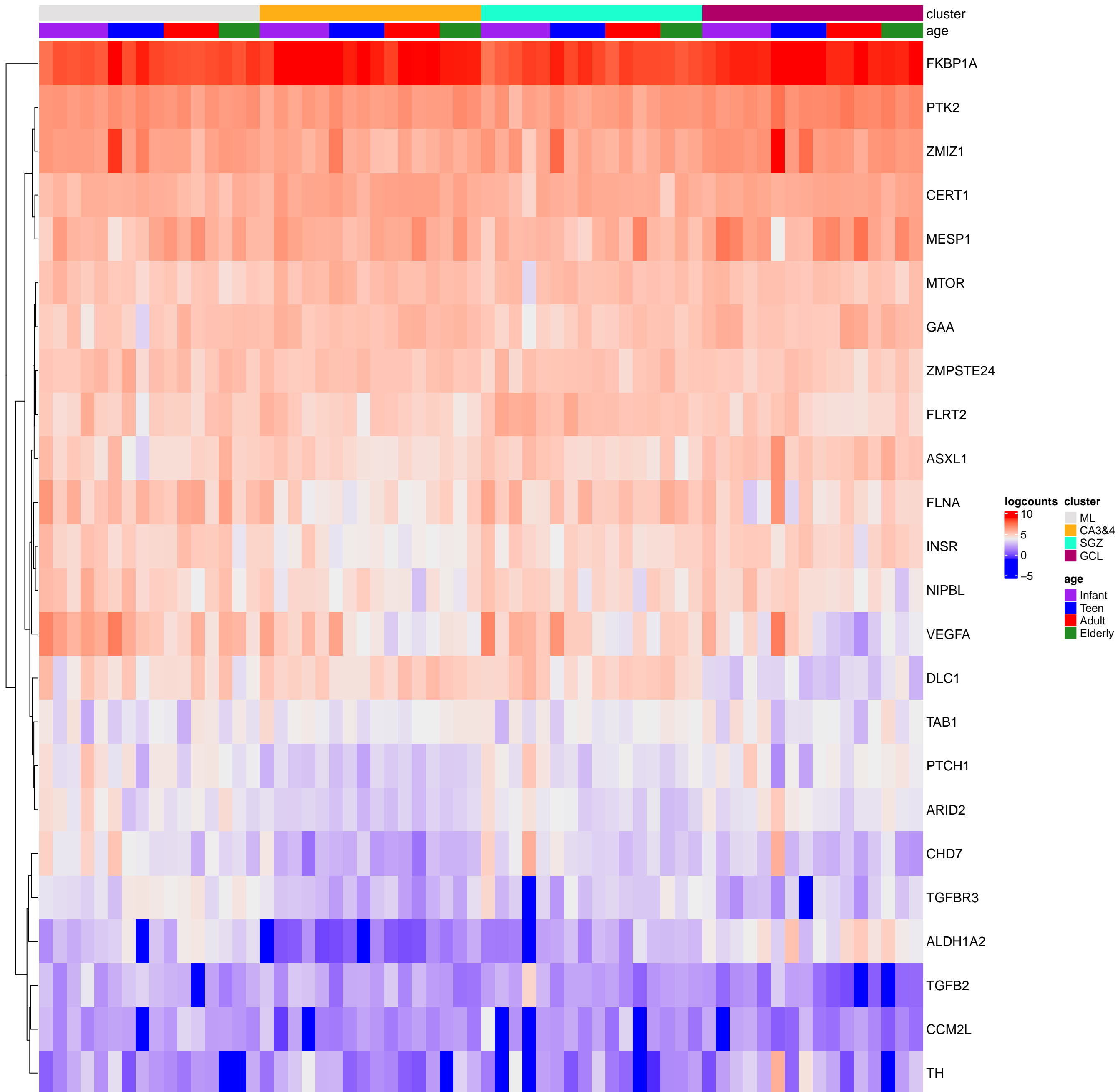


SALL1

KANK2

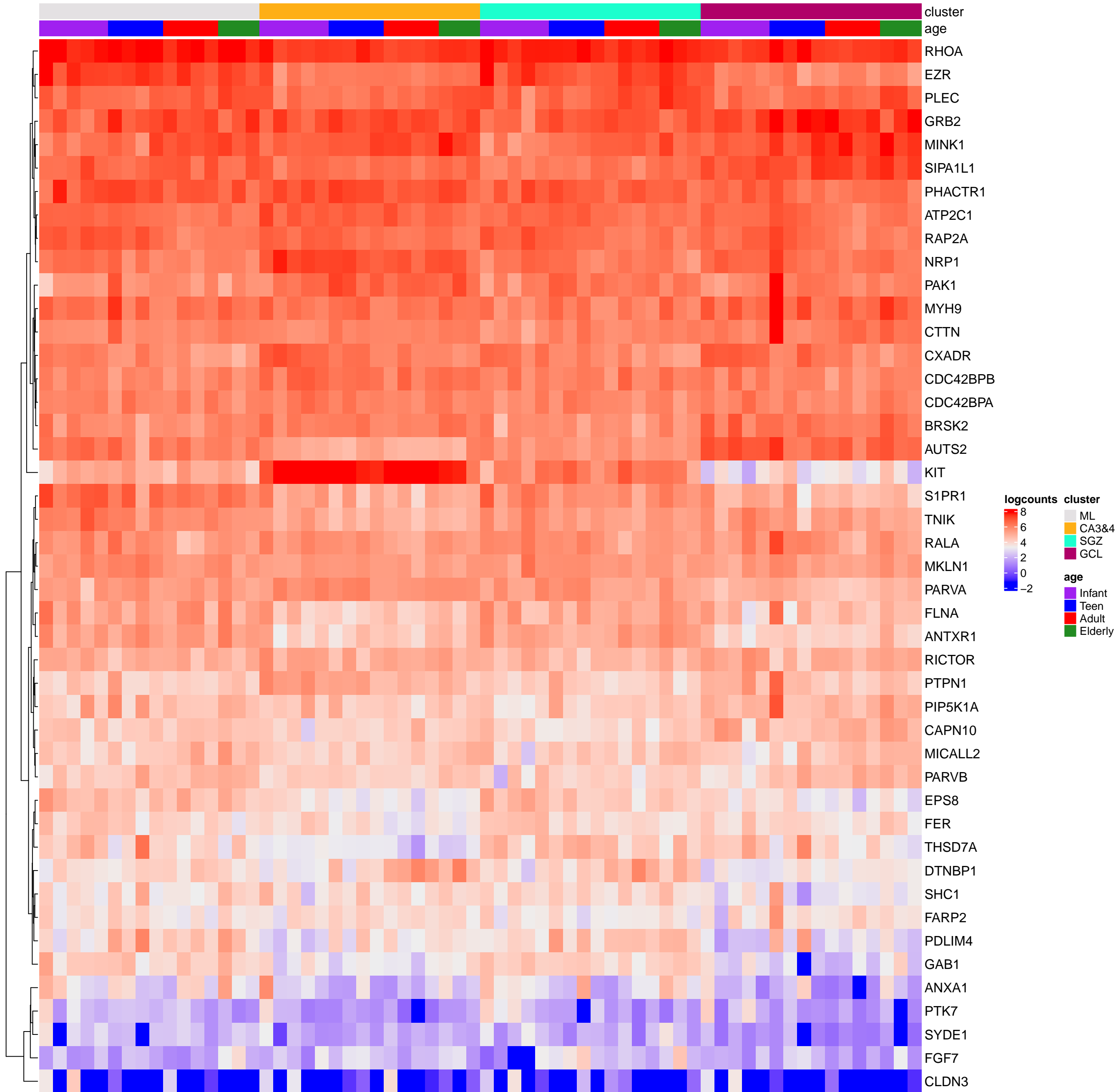


## heart morphogenesis.SYMBOL

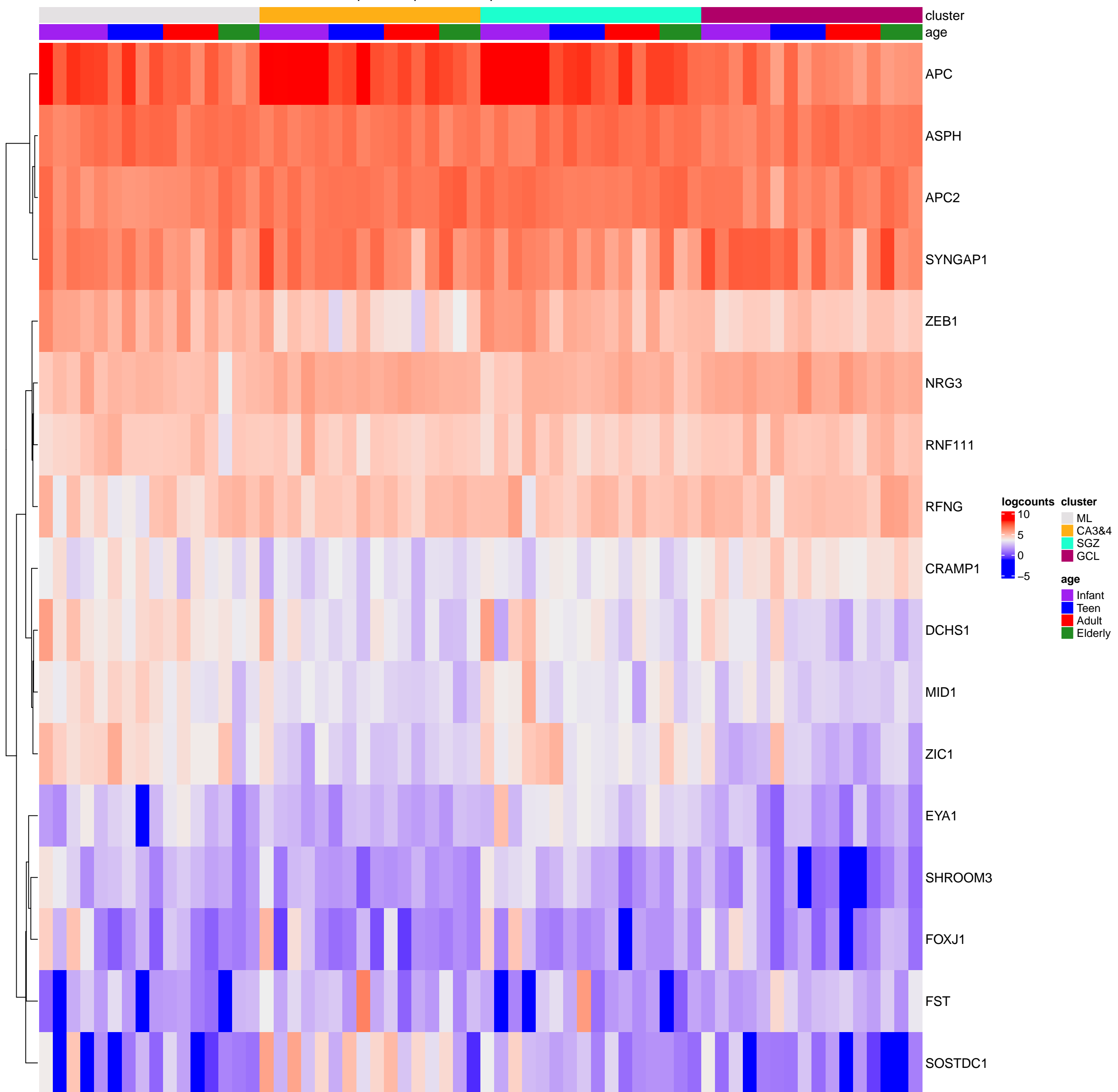




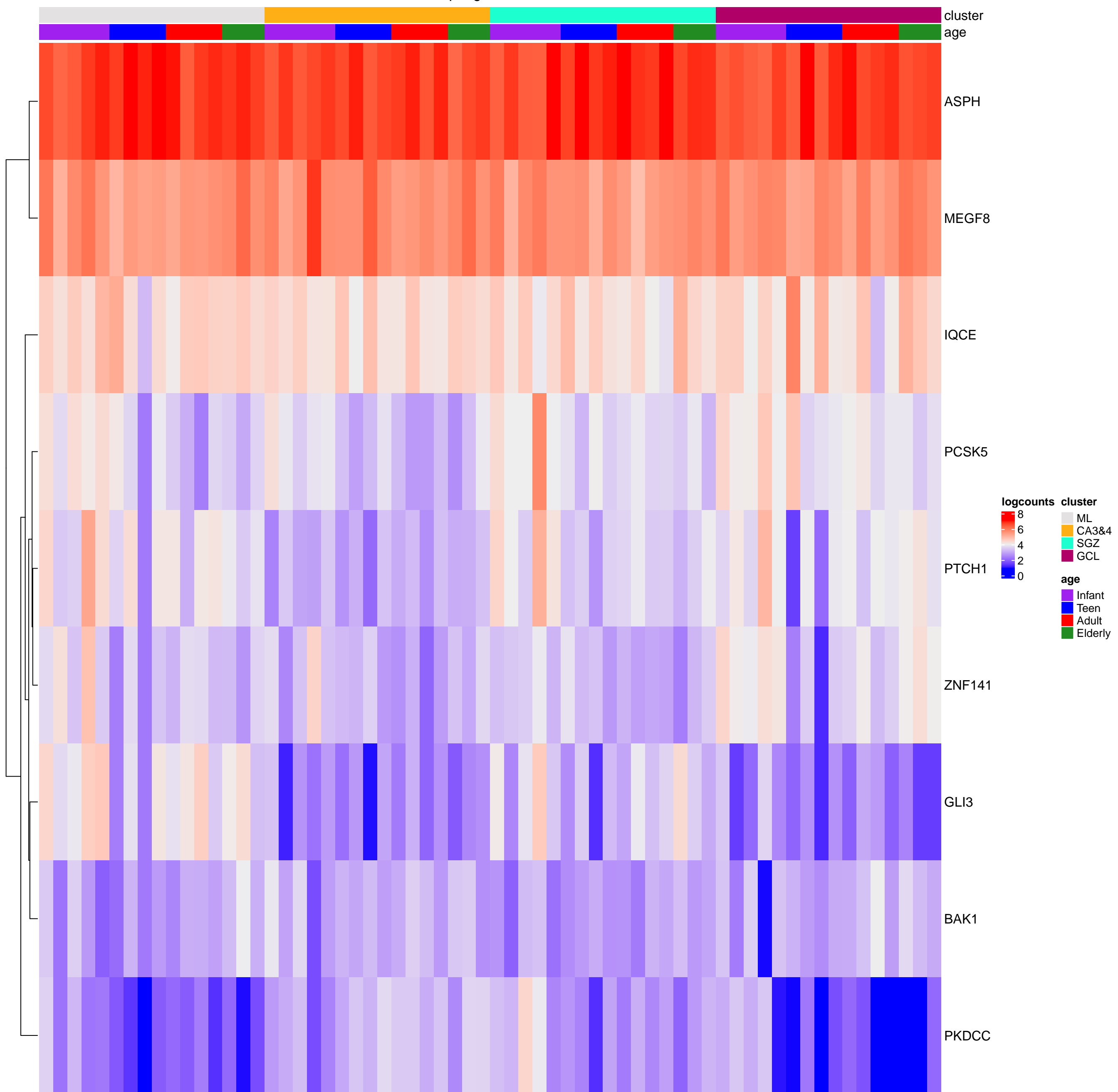
actin cytoskeleton reorganization.SYMBOL



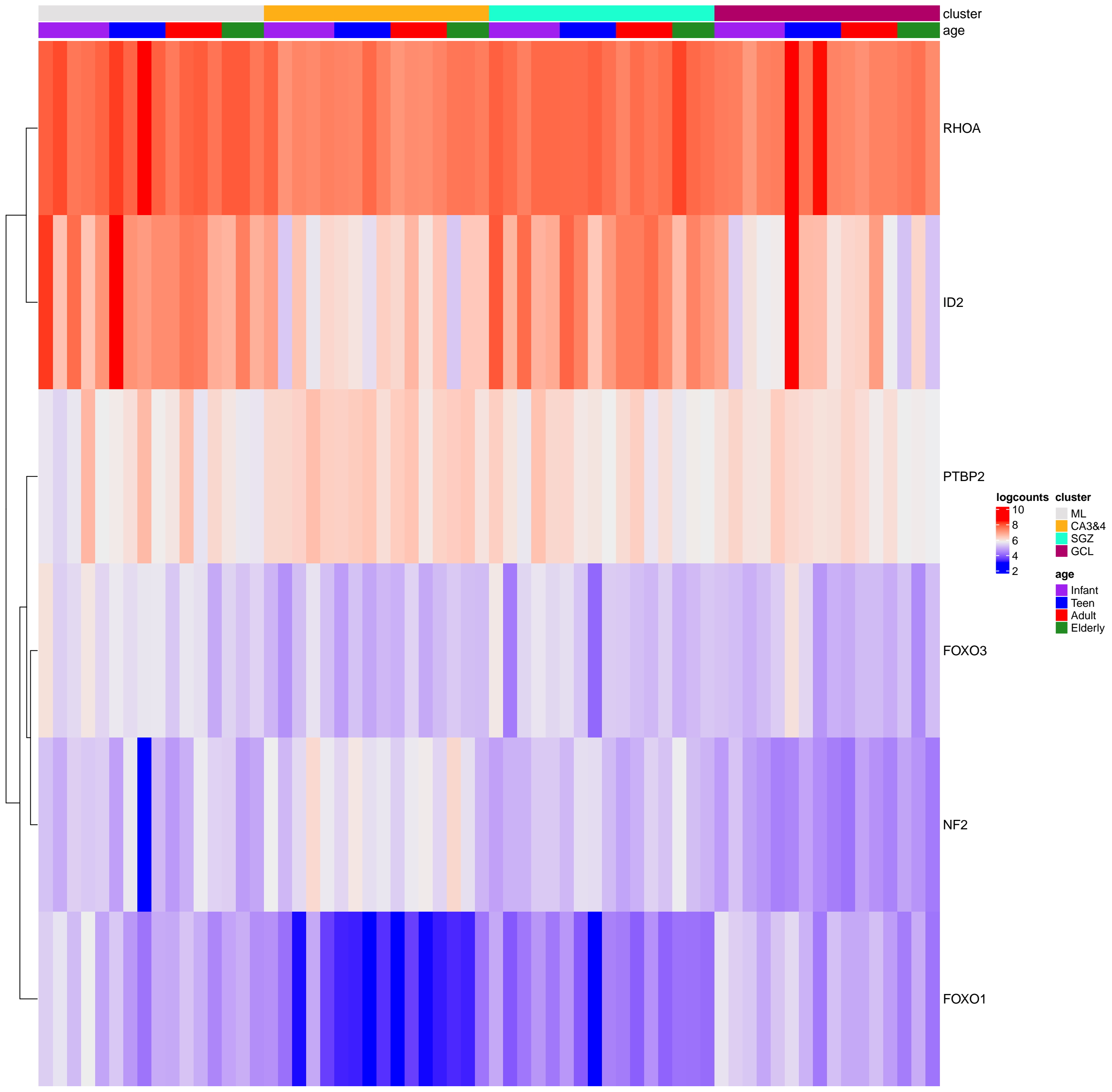
pattern specification process.SYMBOL



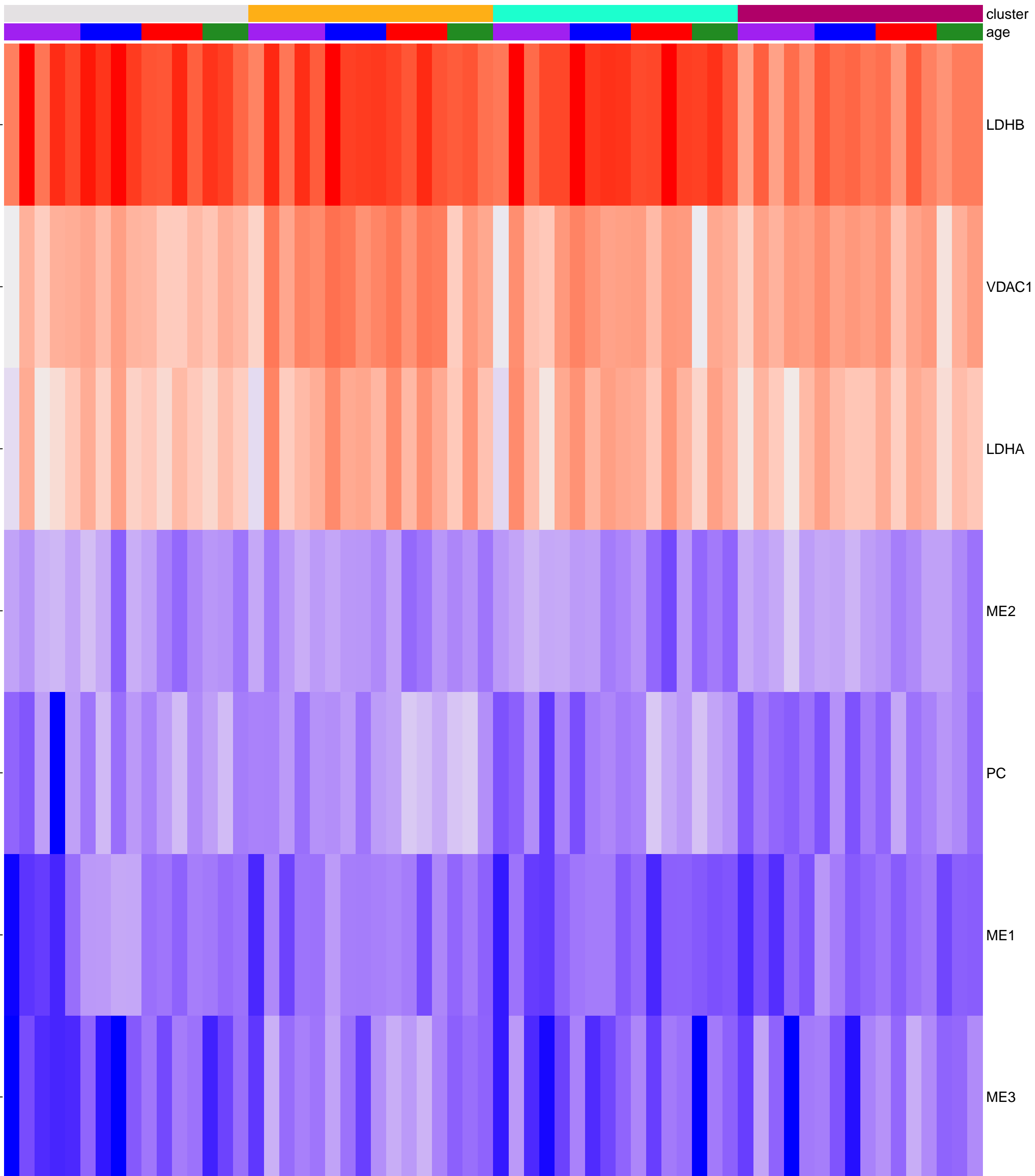
limb morphogenesis.SYMBOL



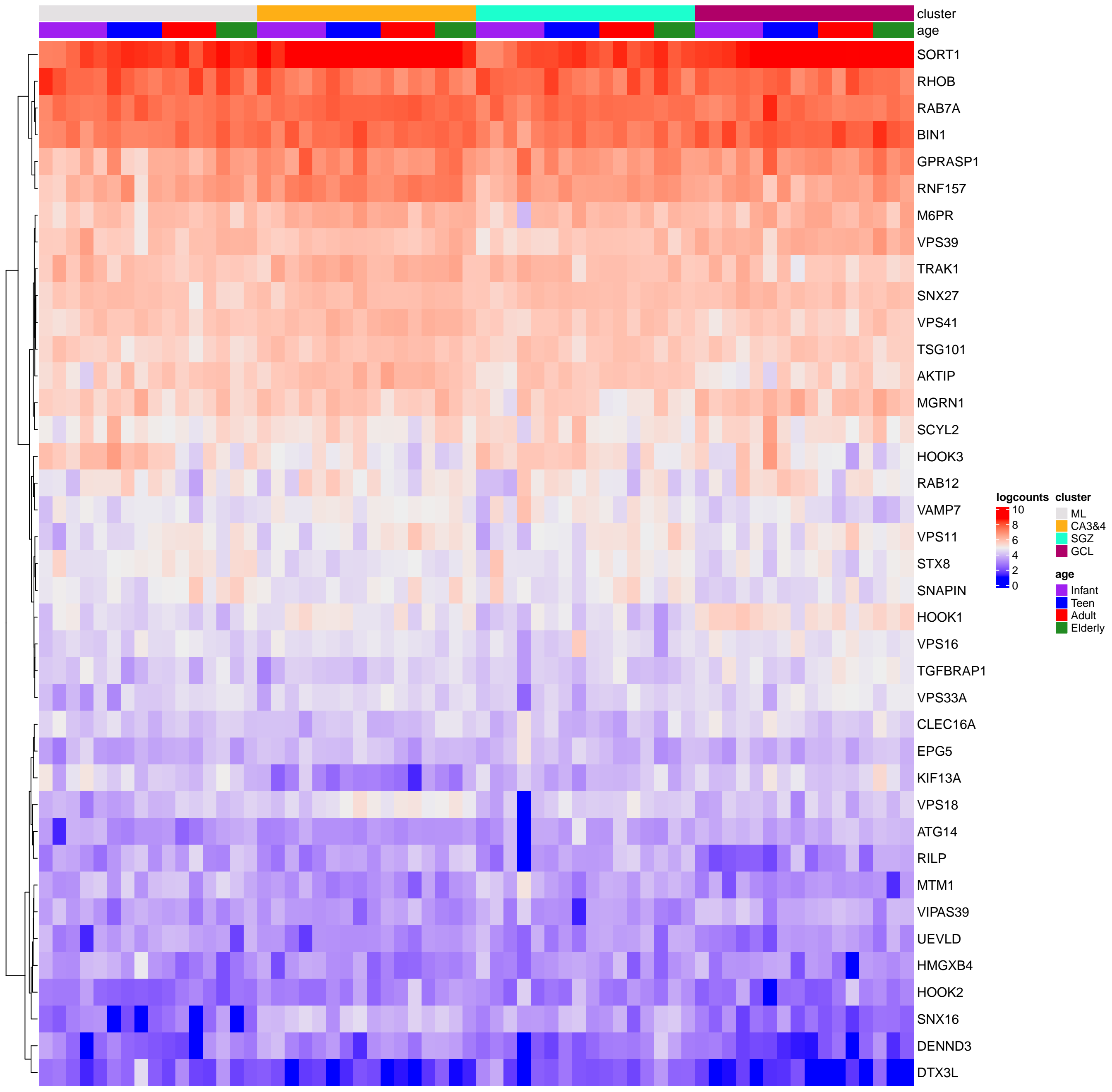
regulation of neural precursor cell proliferation.SYMBOL



pyruvate metabolic process.SYMBOL



endosome to lysosome transport.SYMBOL



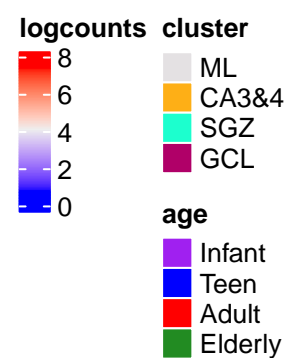
regulation of leukocyte migration.SYMBOL

cluster

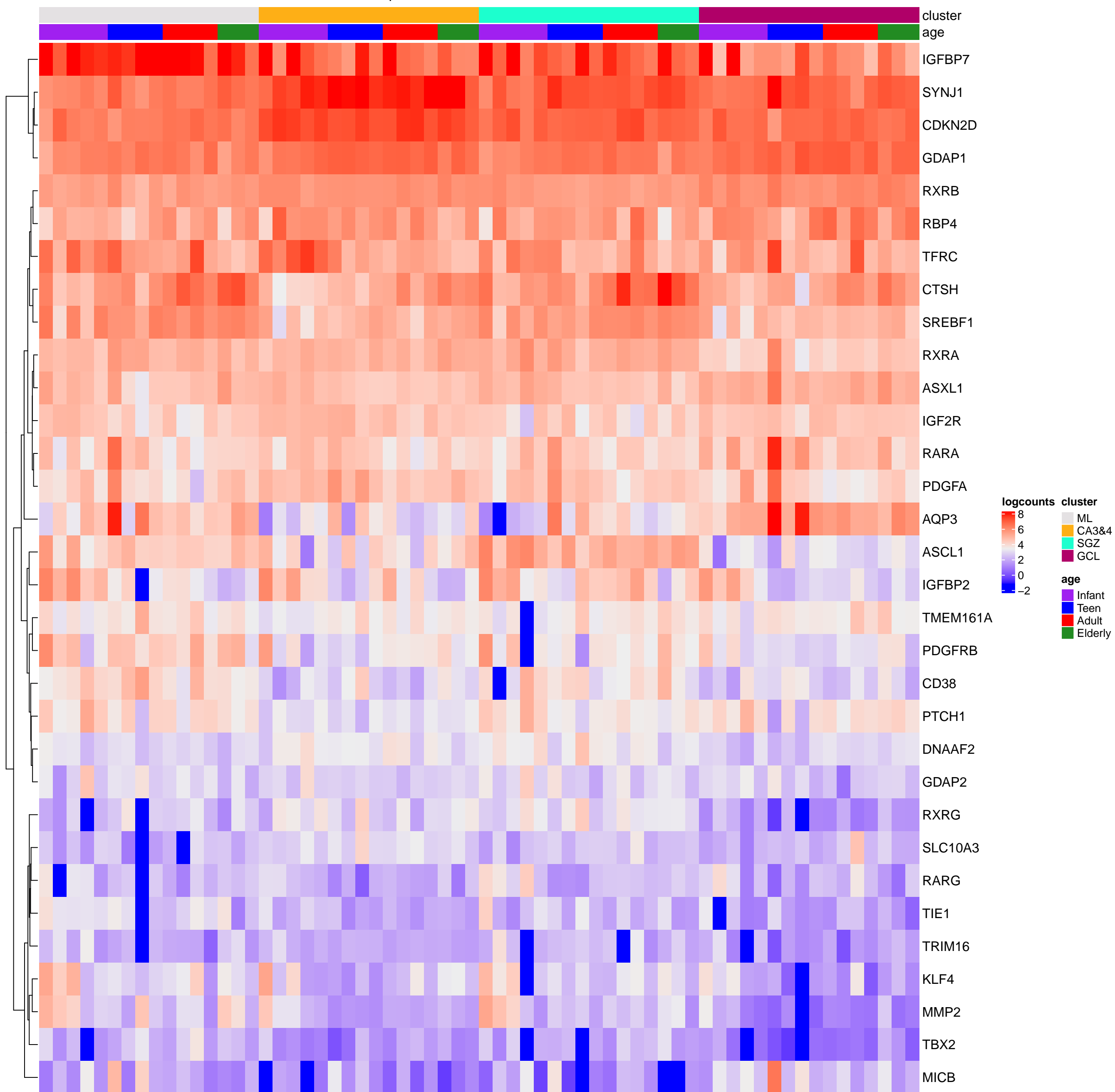
age

SMPD3

ANXA1

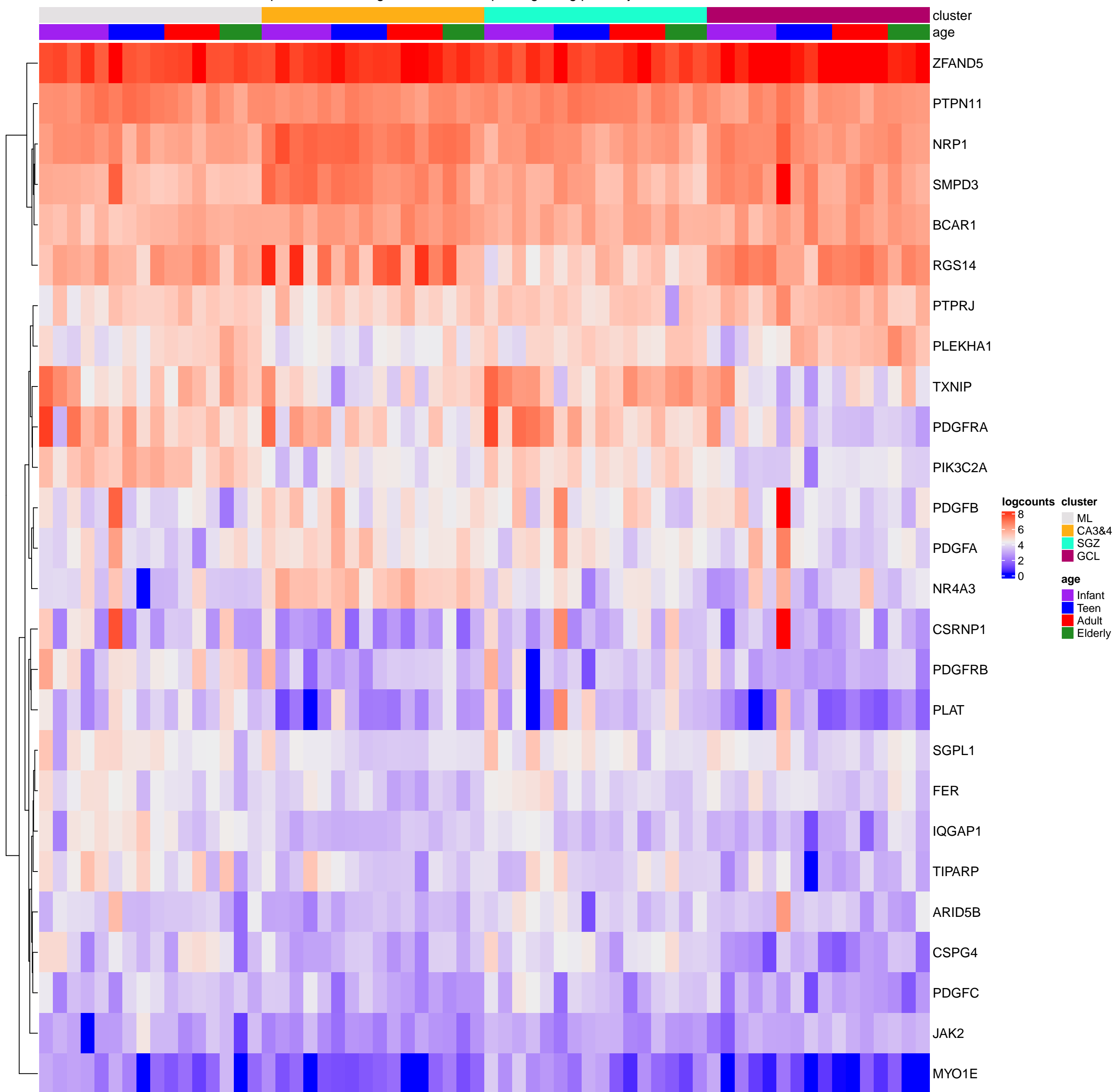


response to retinoic acid.SYMBOL





platelet-derived growth factor receptor signaling pathway.SYMBOL



respiratory tube development.SYMBOL

cluster

age

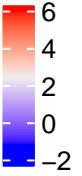
HECA

PCSK5

TRAF4

FOXF1

logcounts



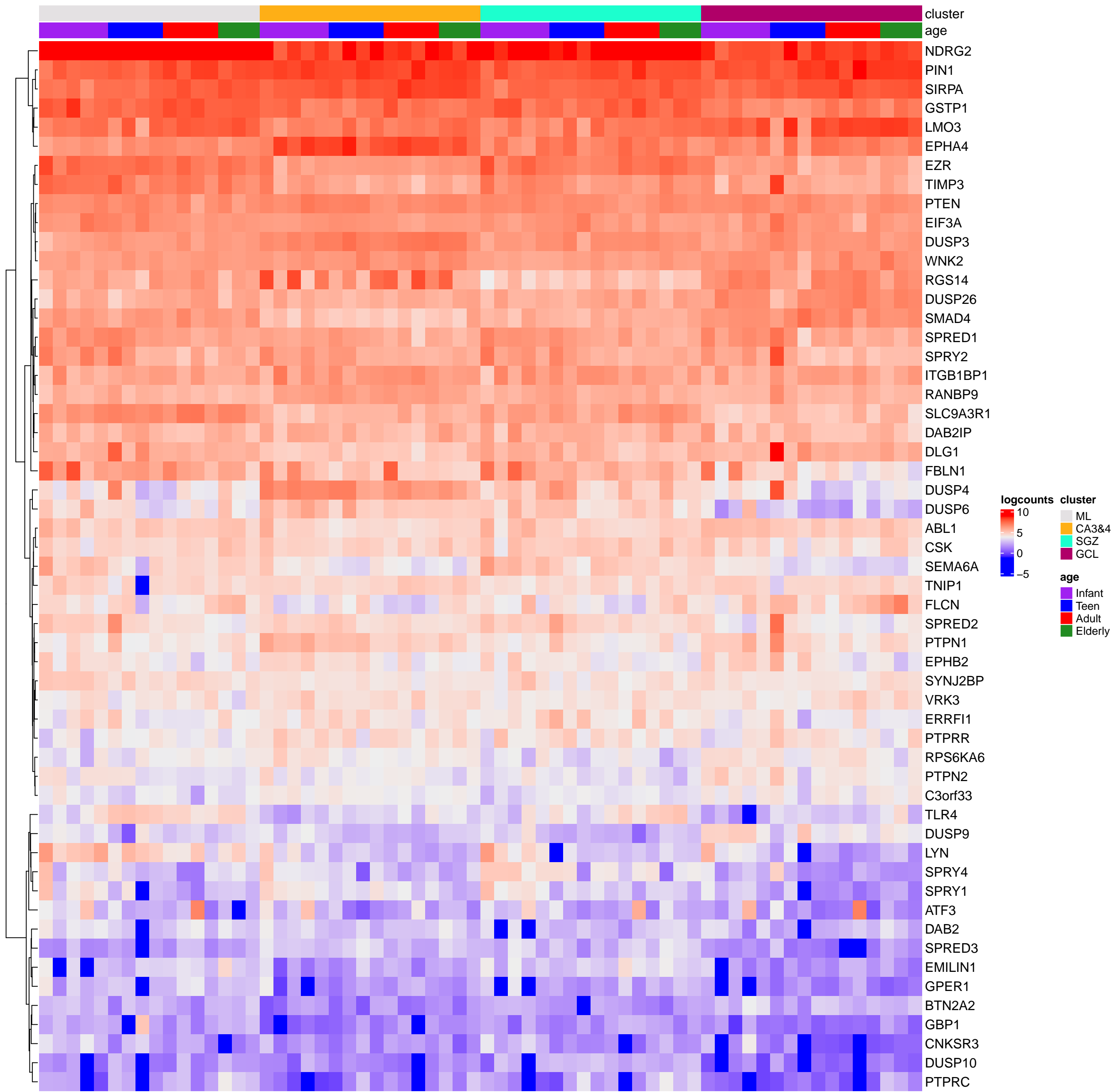
cluster



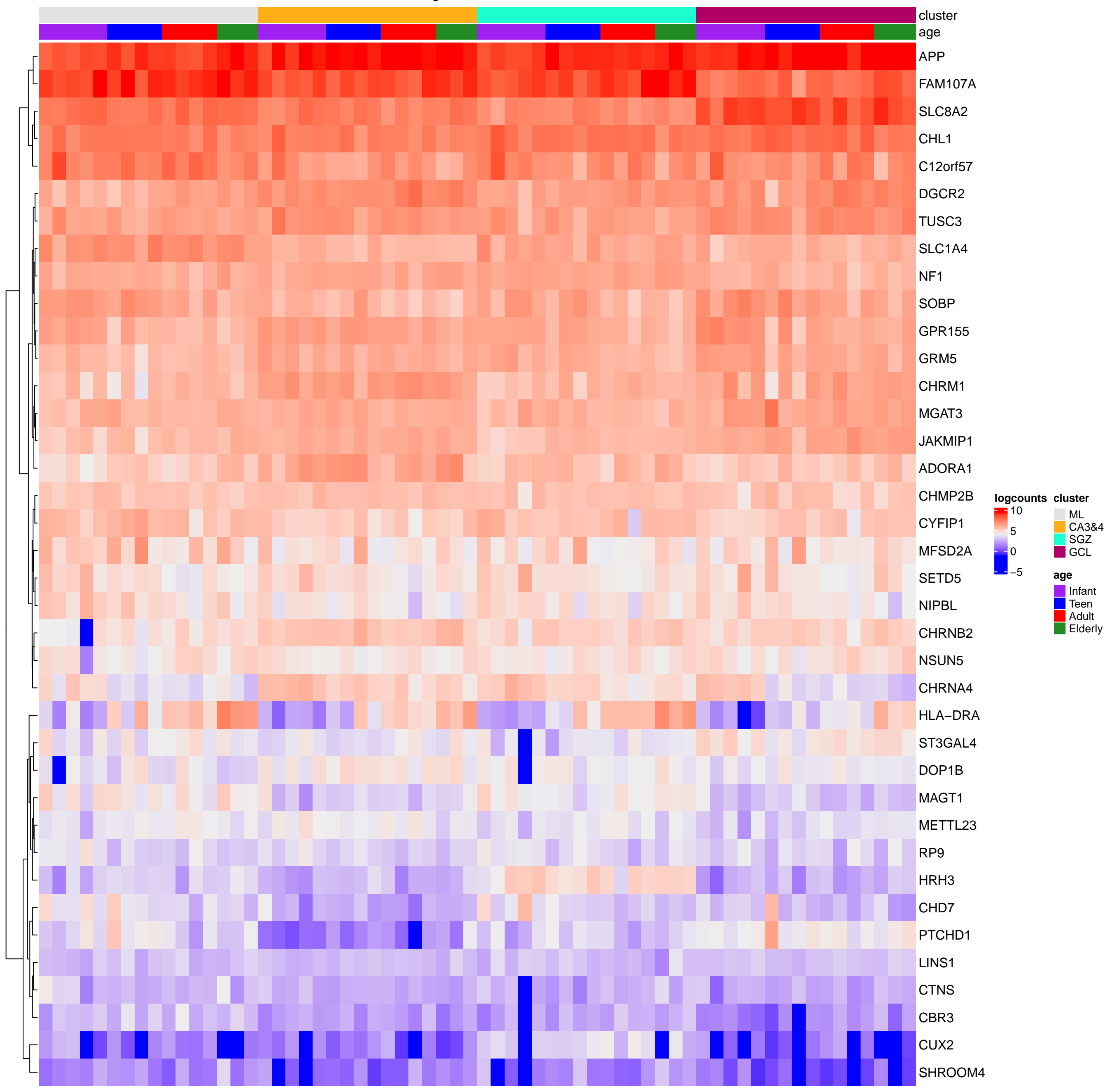
age



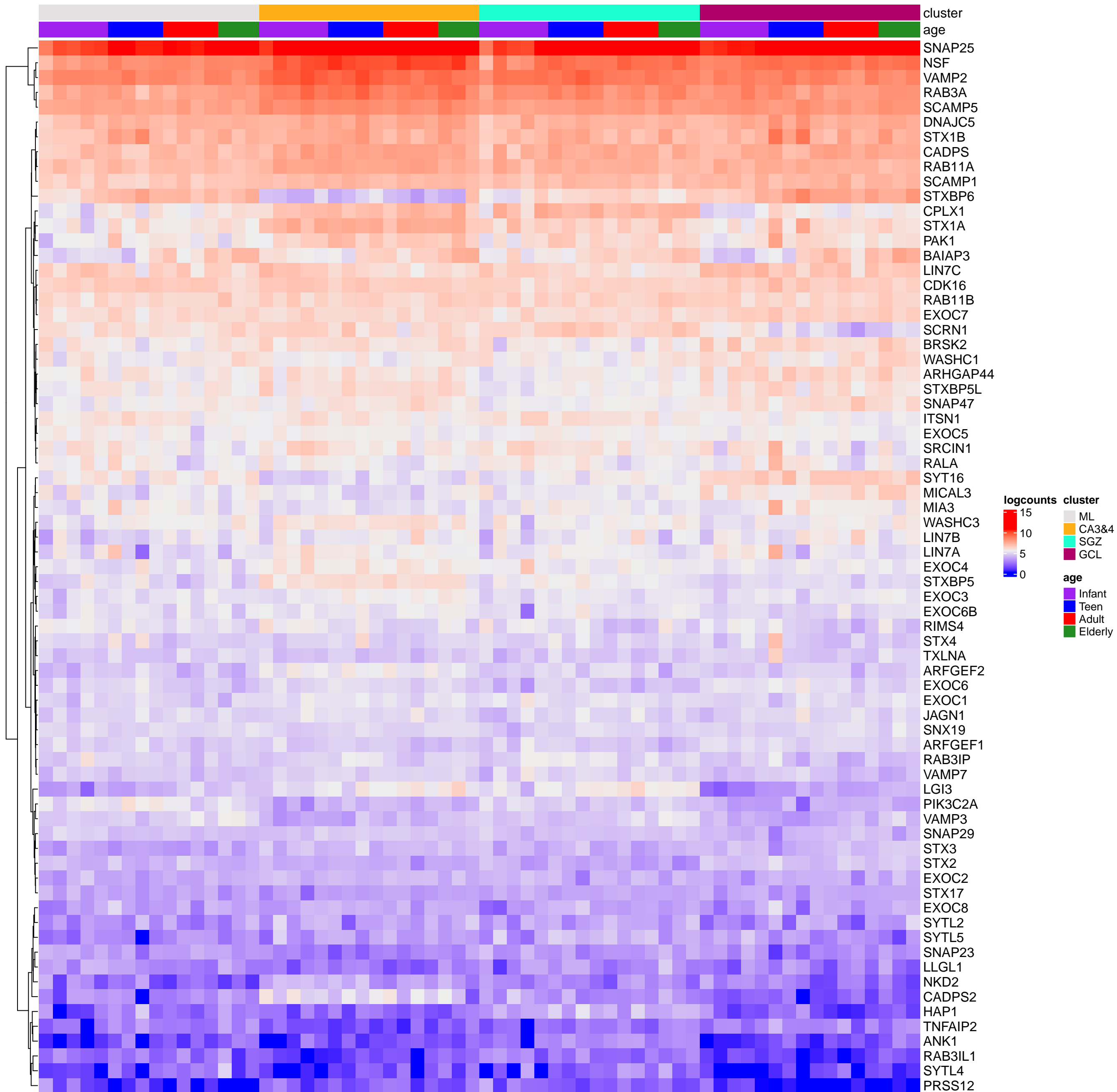
negative regulation of ERK1 and ERK2 cascade.SYMBOL



cognition.SYMBOL



exocytosis.SYMBOL



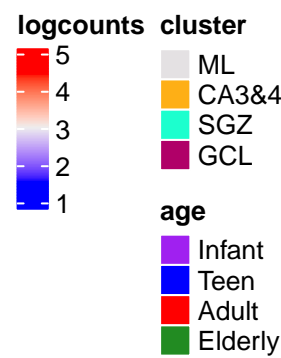
respiratory system development.SYMBOL

cluster

age

SPEF2

WDPCP



gland morphogenesis.SYMBOL

cluster

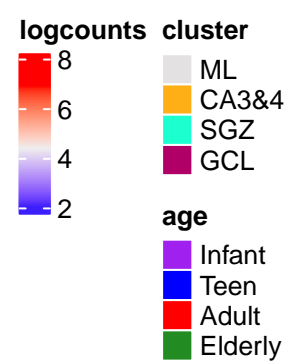
age

SLC9A3R1

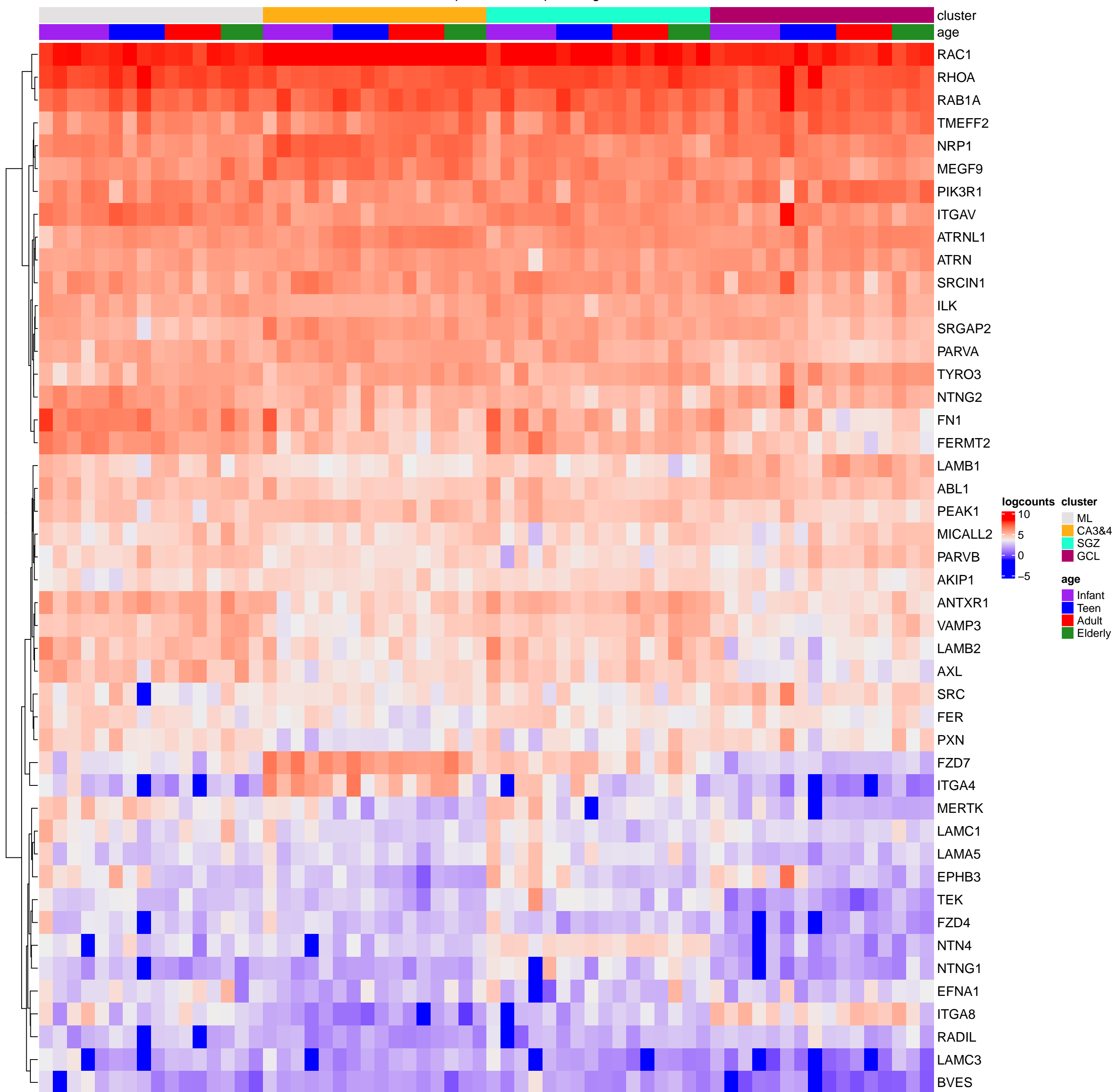
FGFR2

MSN

BCL2

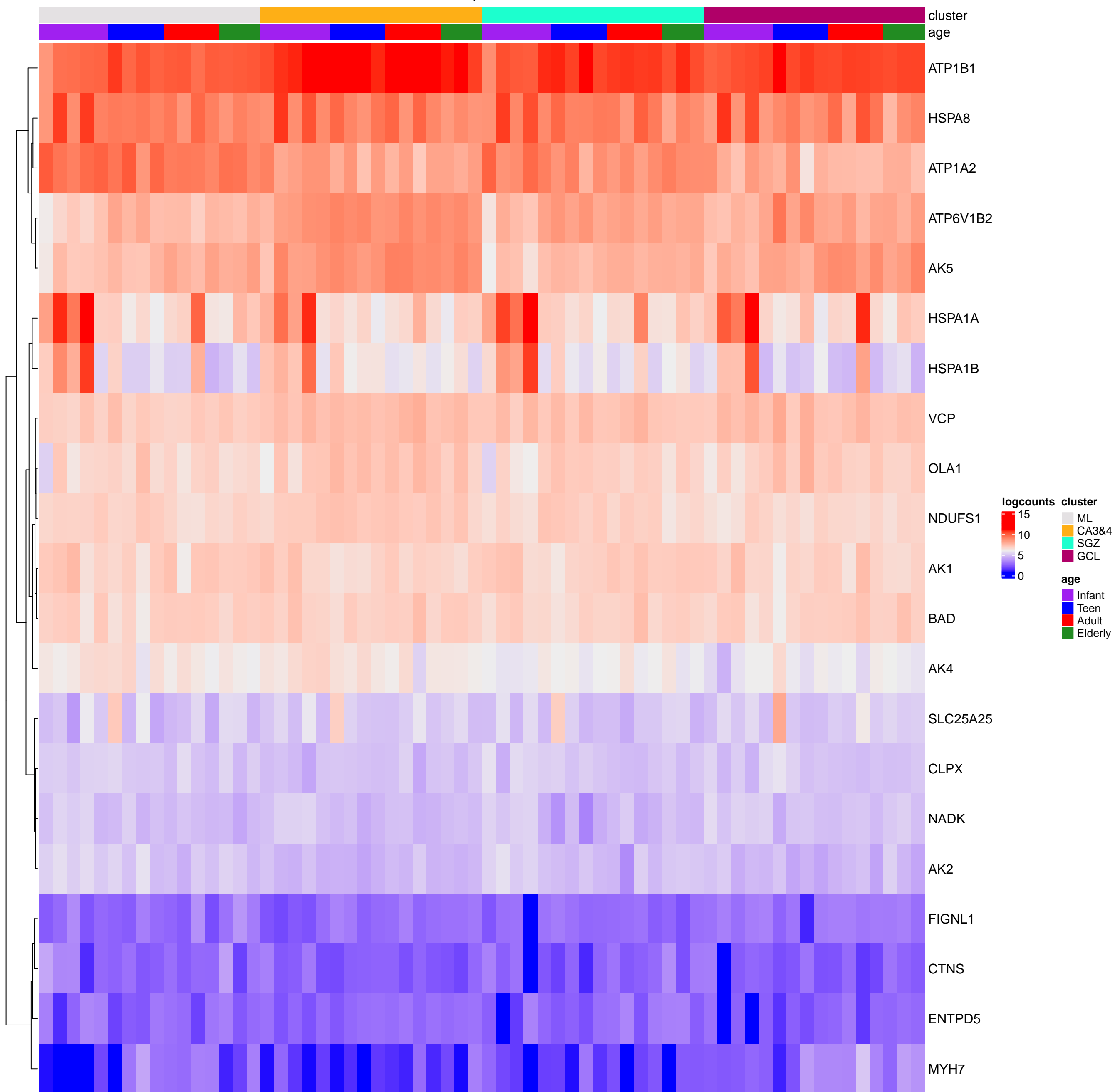


substrate adhesion-dependent cell spreading.SYMBOL

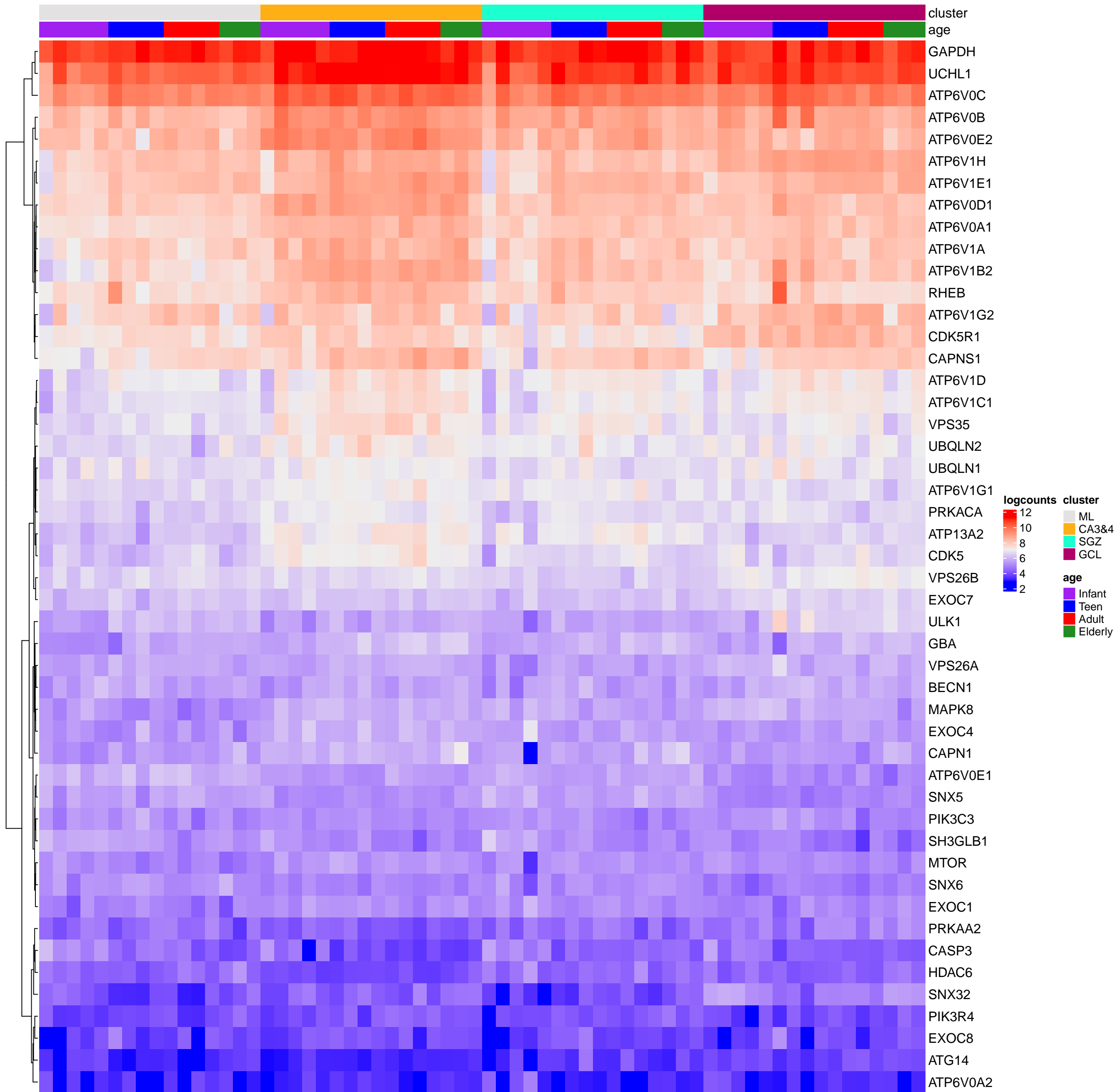




ATP metabolic process.SYMBOL



regulation of macroautophagy.SYMBOL



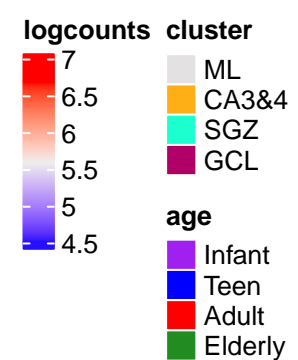
developmental cell growth.SYMBOL

cluster

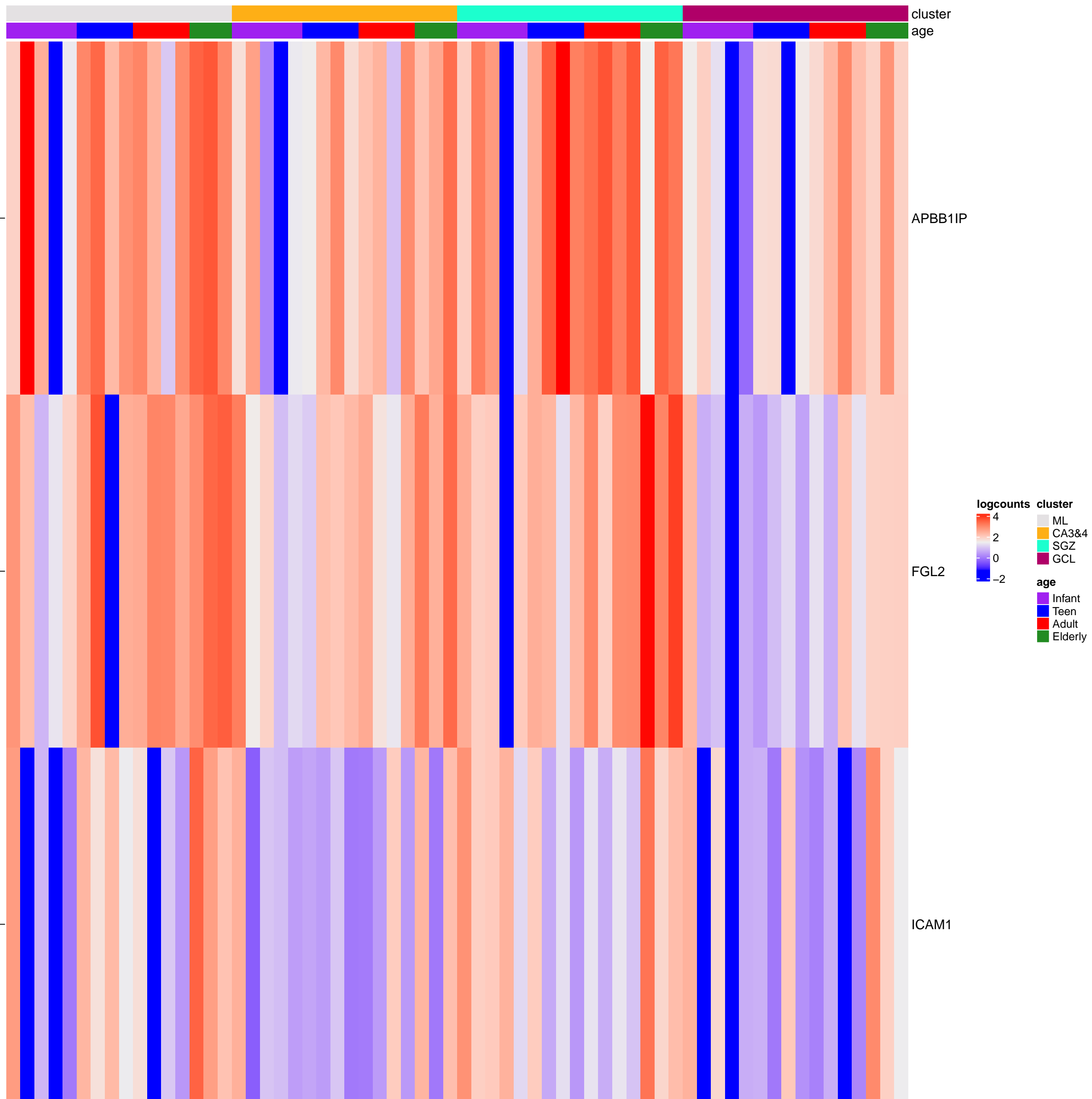
age

PRMT2

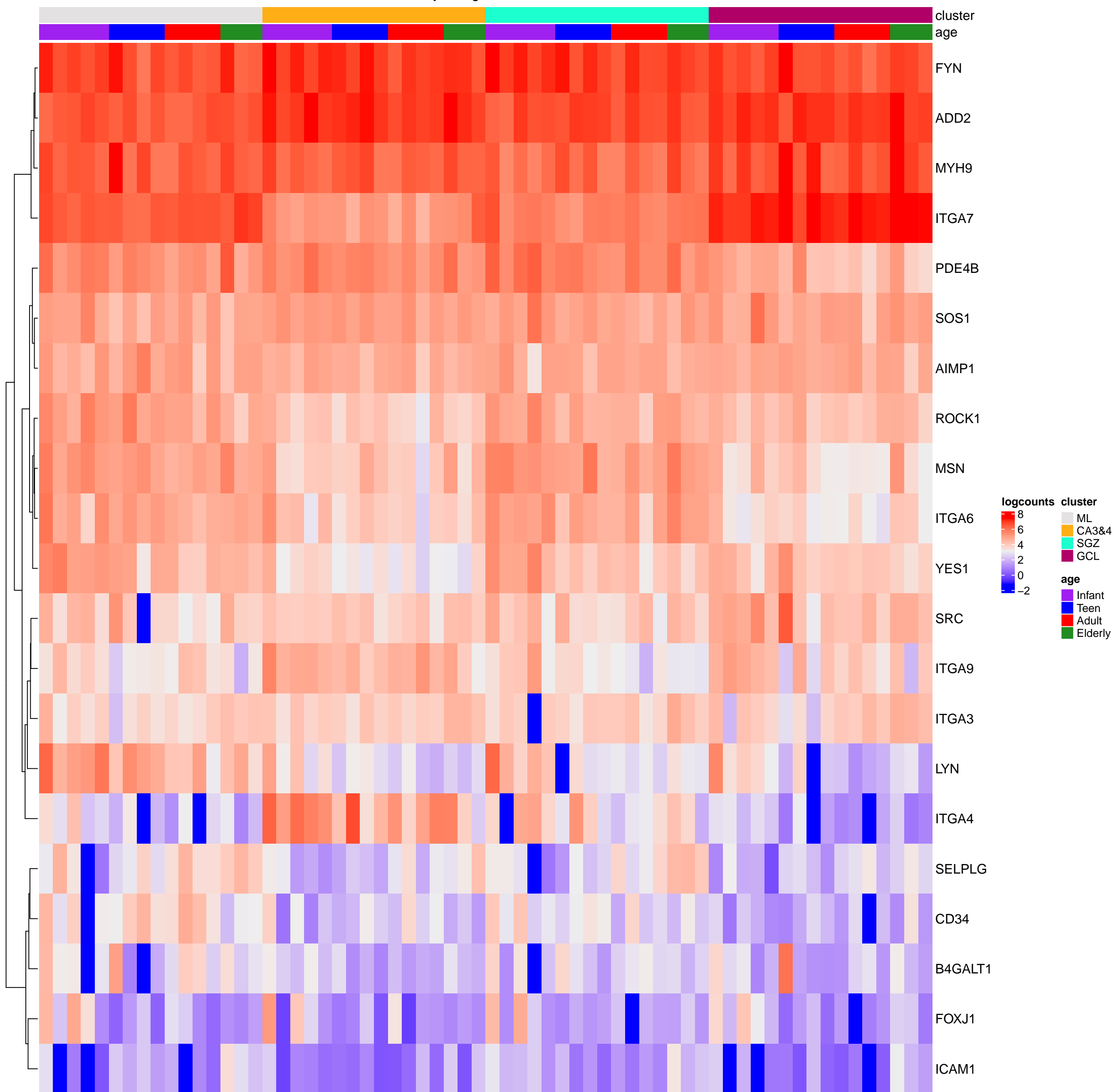
ARIH2



T cell activation via T cell receptor contact with antigen bound to MHC molecule on antigen presenting cell.SYMBOL



leukocyte migration.SYMBOL



ameboidal-type cell migration.SYMBOL

cluster

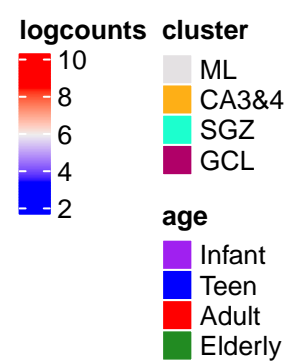
age

PAFAH1B1

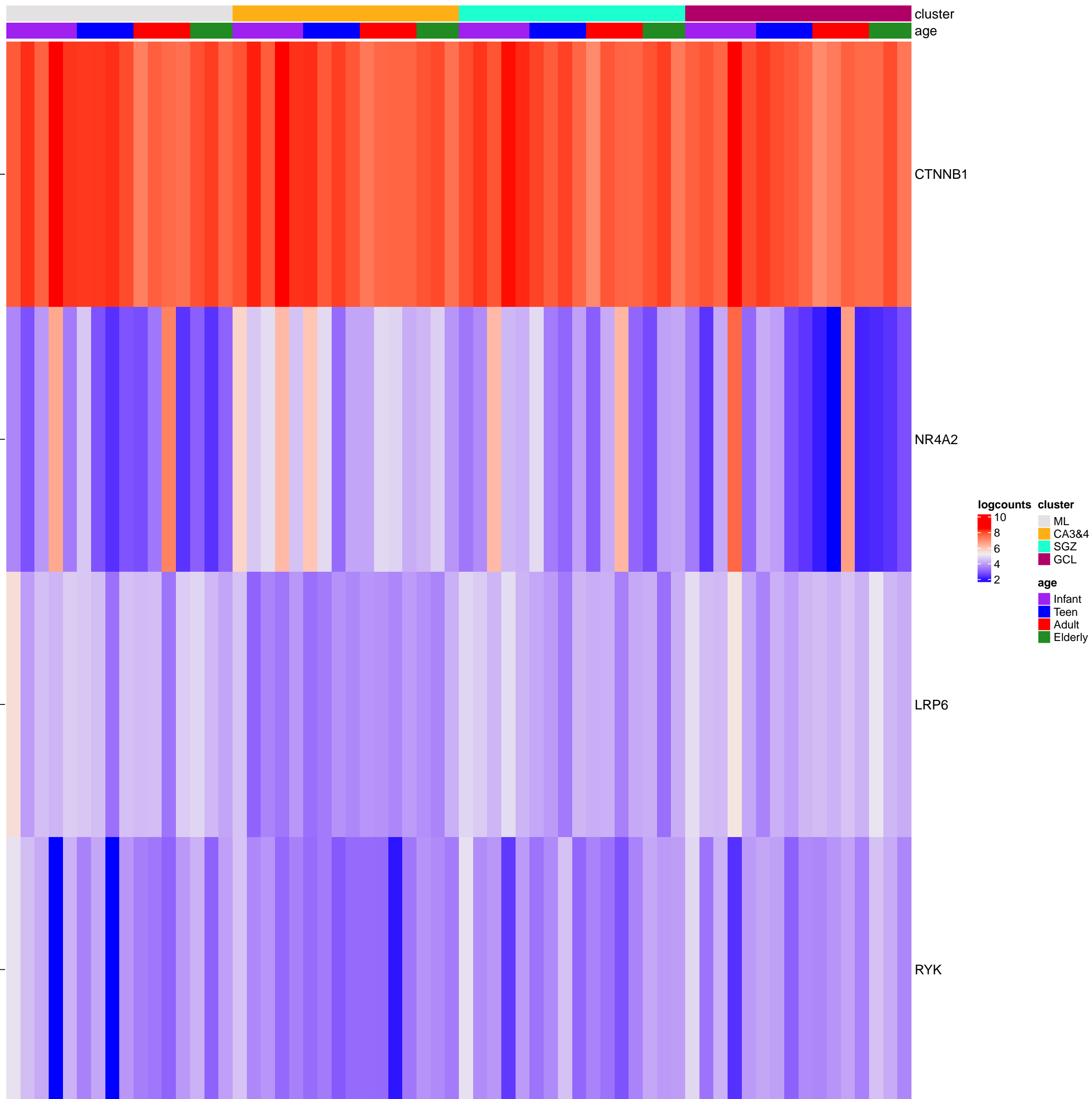
CAP1

CENPV

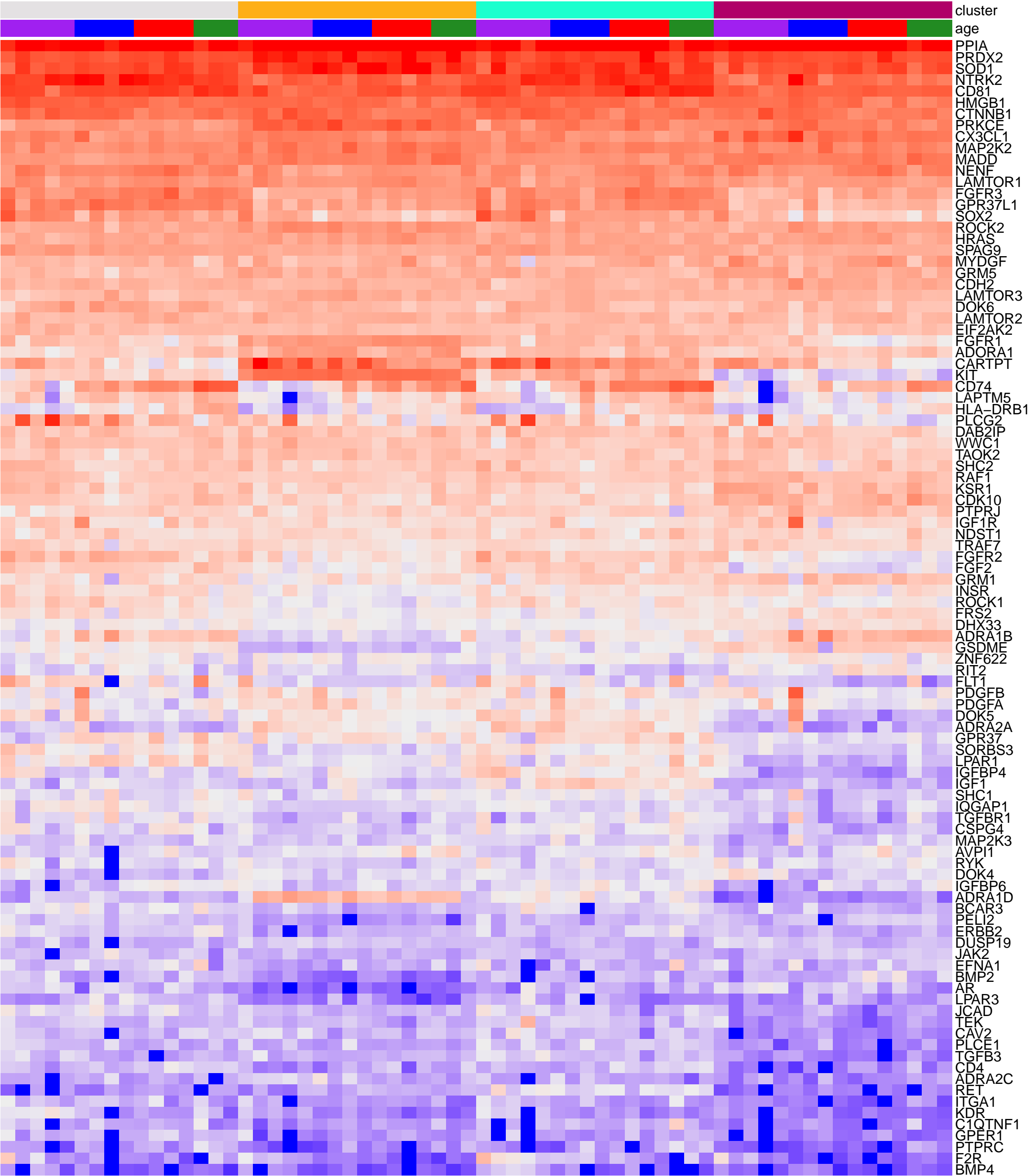
WASF2



midbrain dopaminergic neuron differentiation.SYMBOL

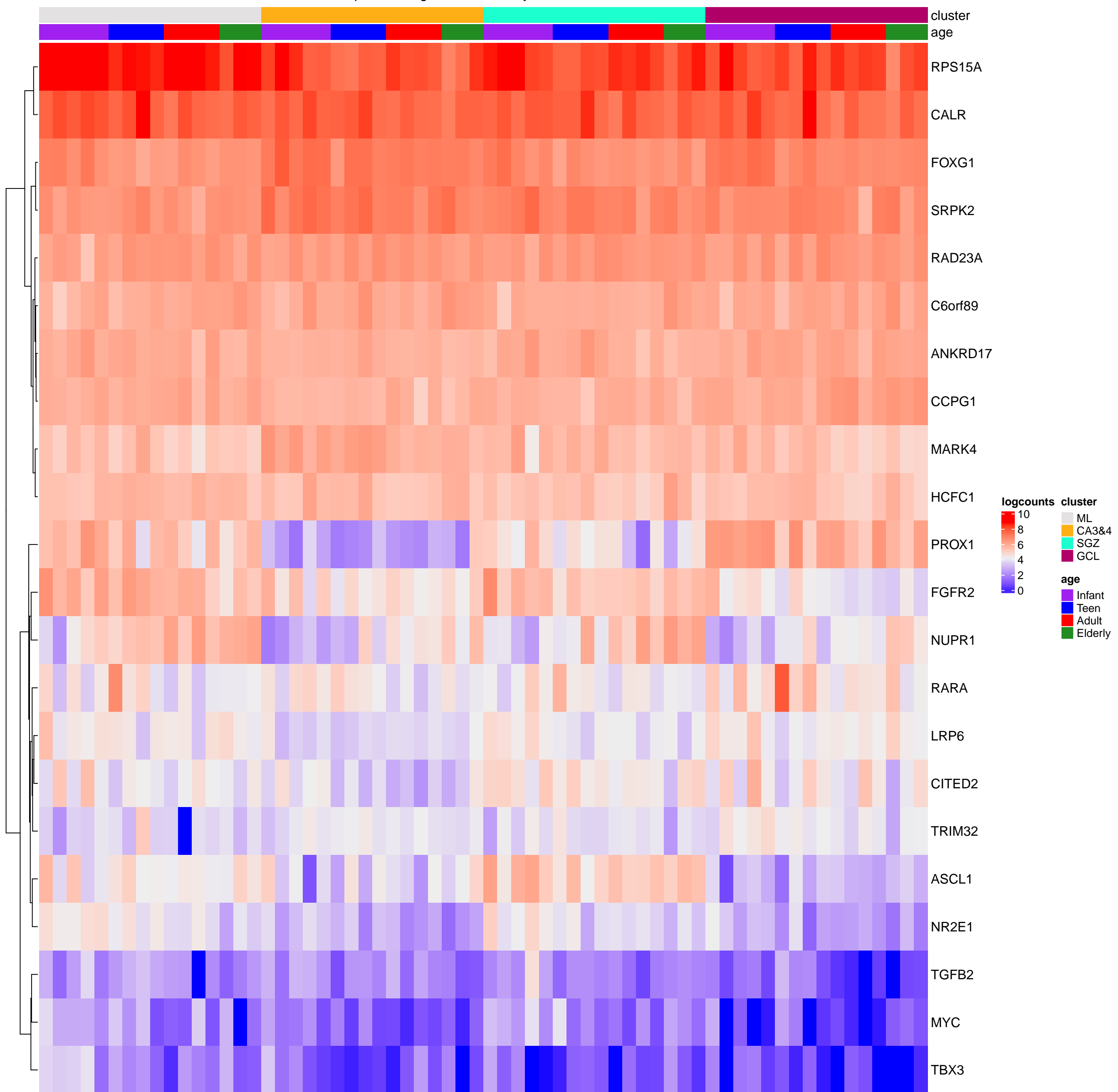


positive regulation of MAPK cascade.SYMBOL

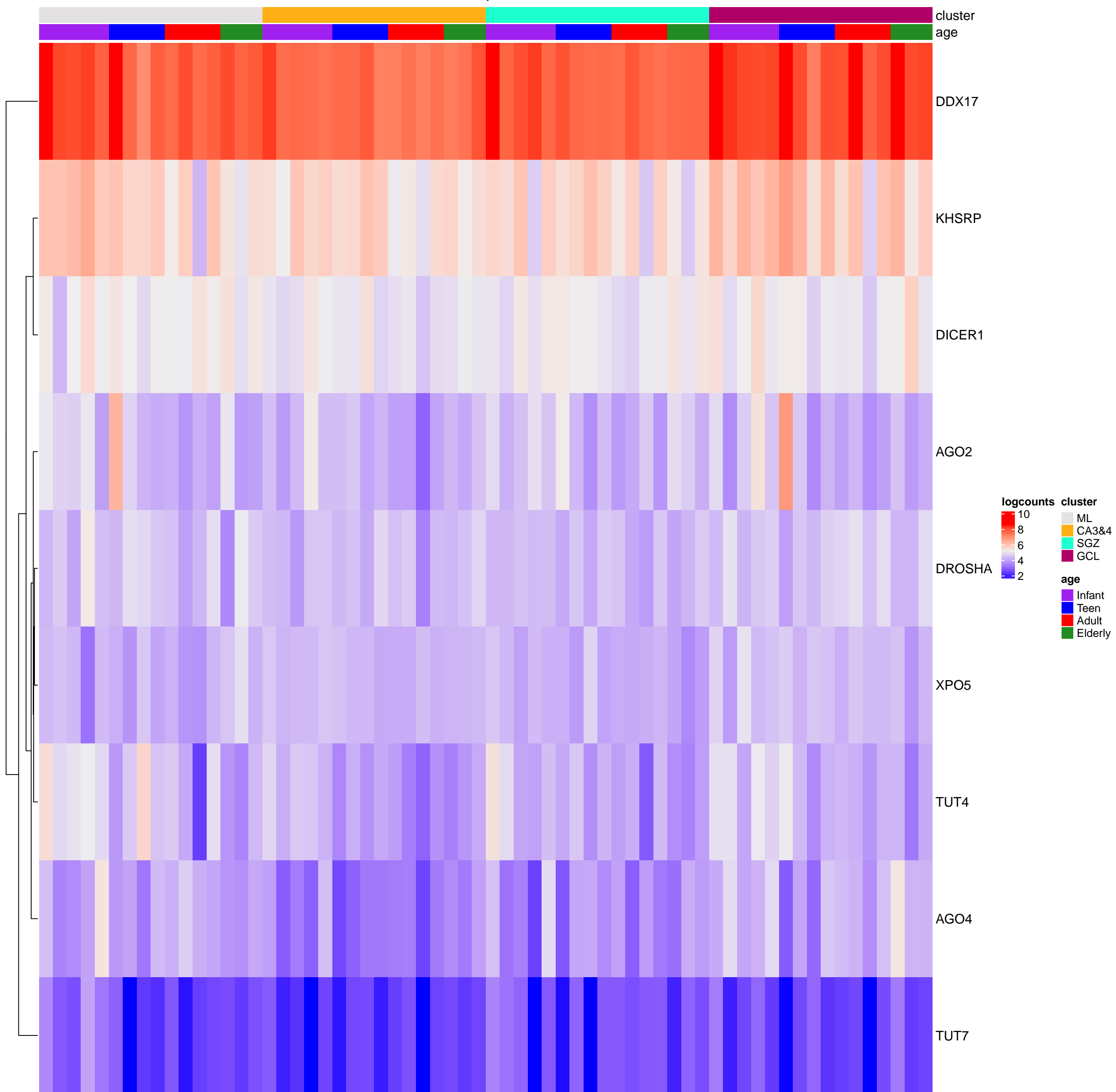




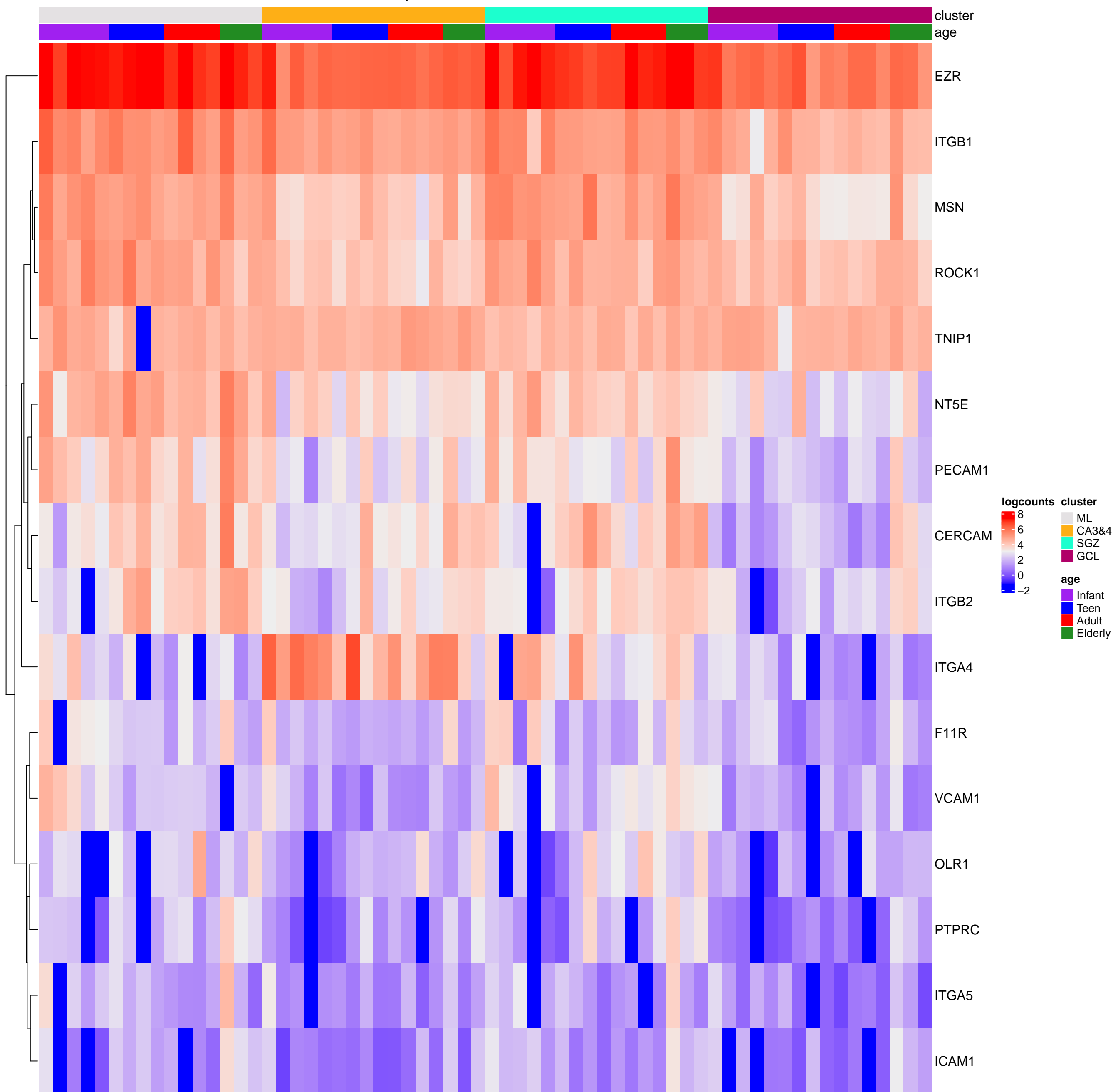
positive regulation of cell cycle.SYMBOL



## miRNA metabolic process.SYMBOL



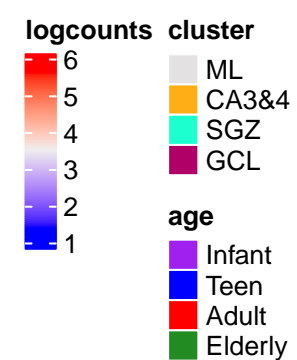
## leukocyte cell-cell adhesion.SYMBOL



regulation of chemokine production.SYMBOL

cluster

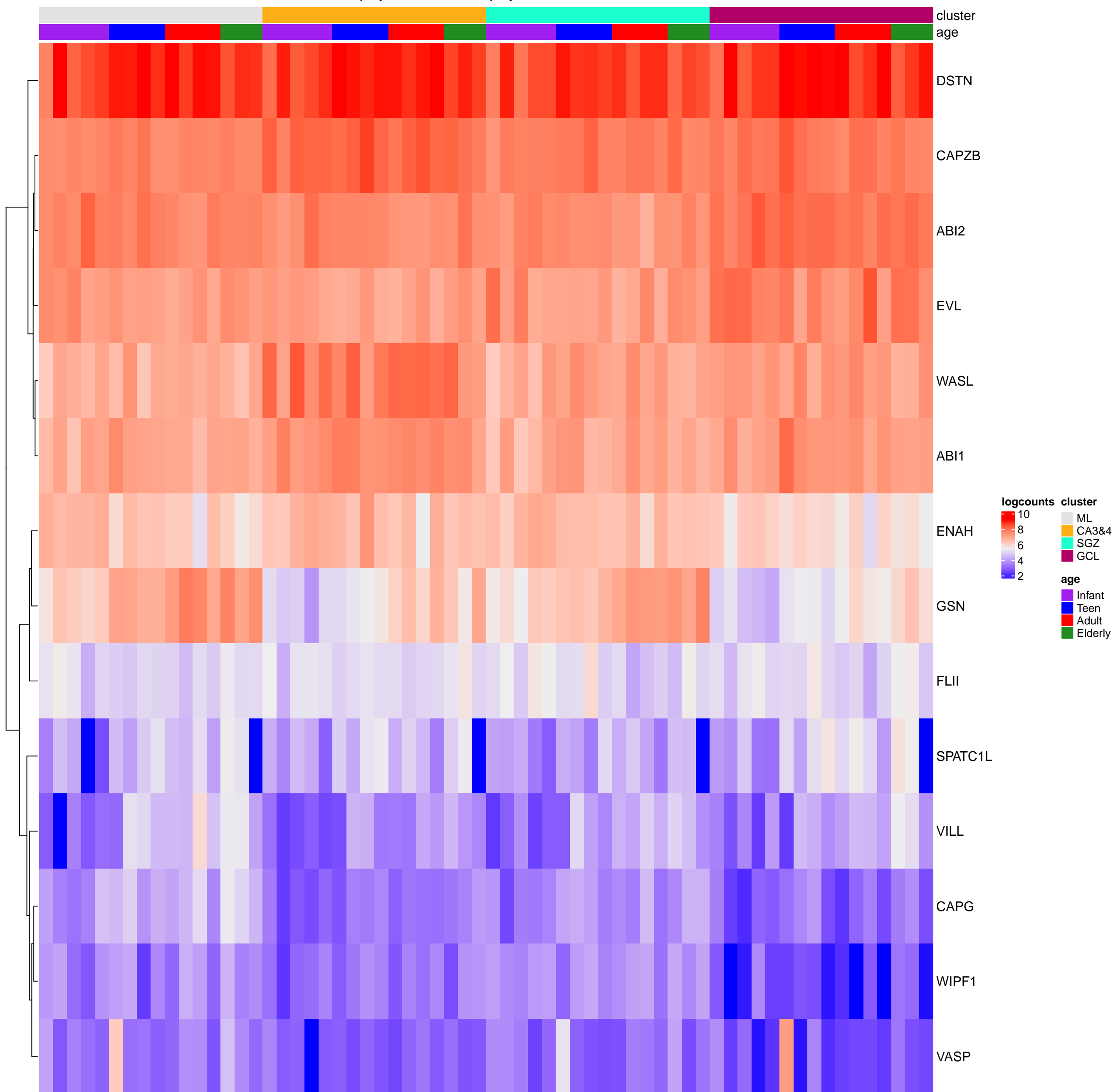
age



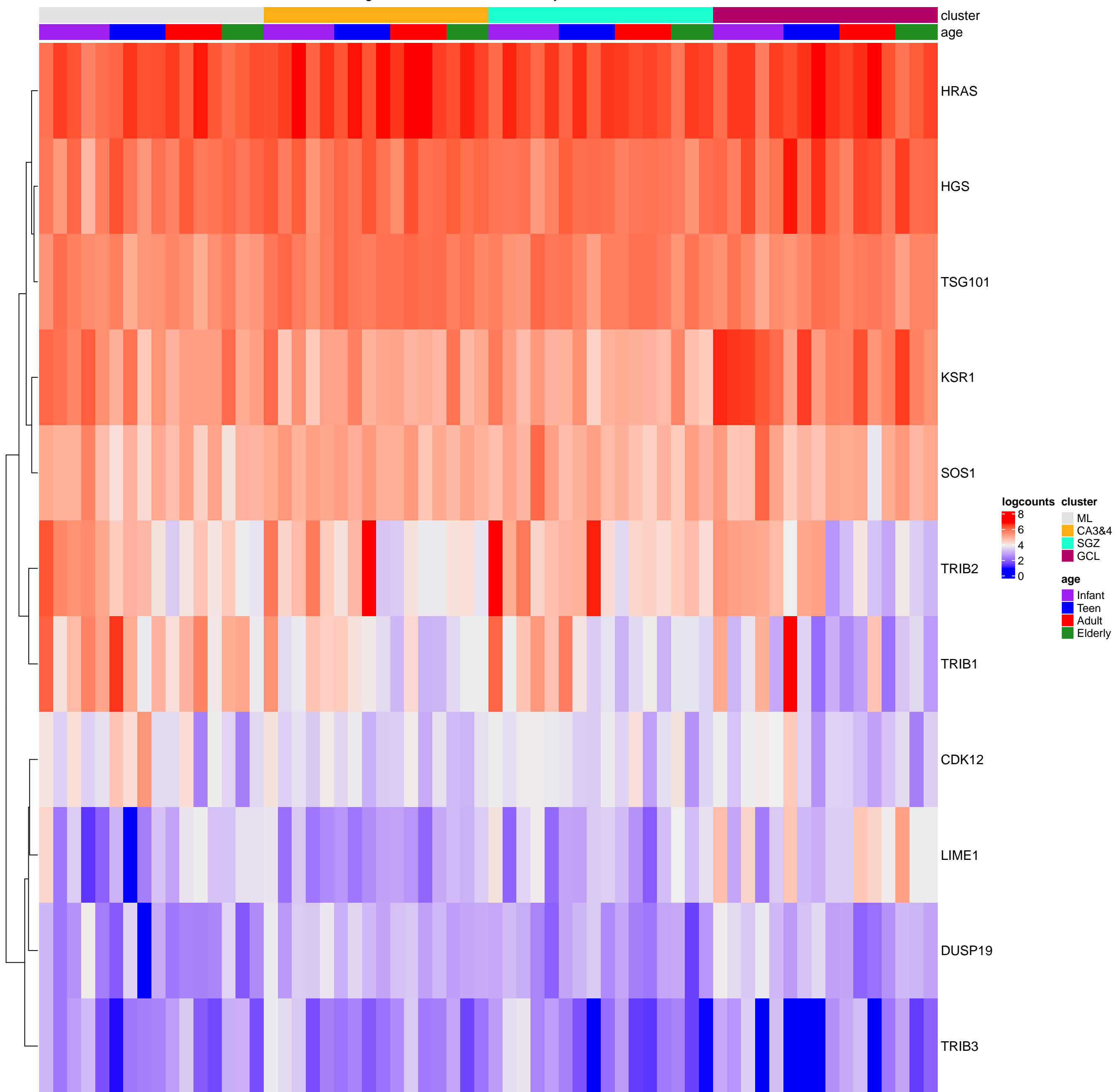
ZFP1

ACKR1

actin polymerization or depolymerization.SYMBOL



regulation of MAP kinase activity.SYMBOL



head morphogenesis.SYMBOL

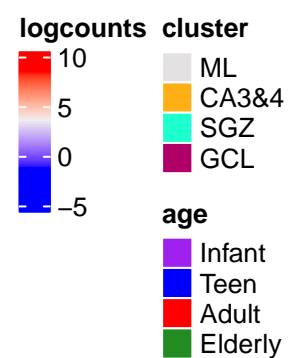
cluster

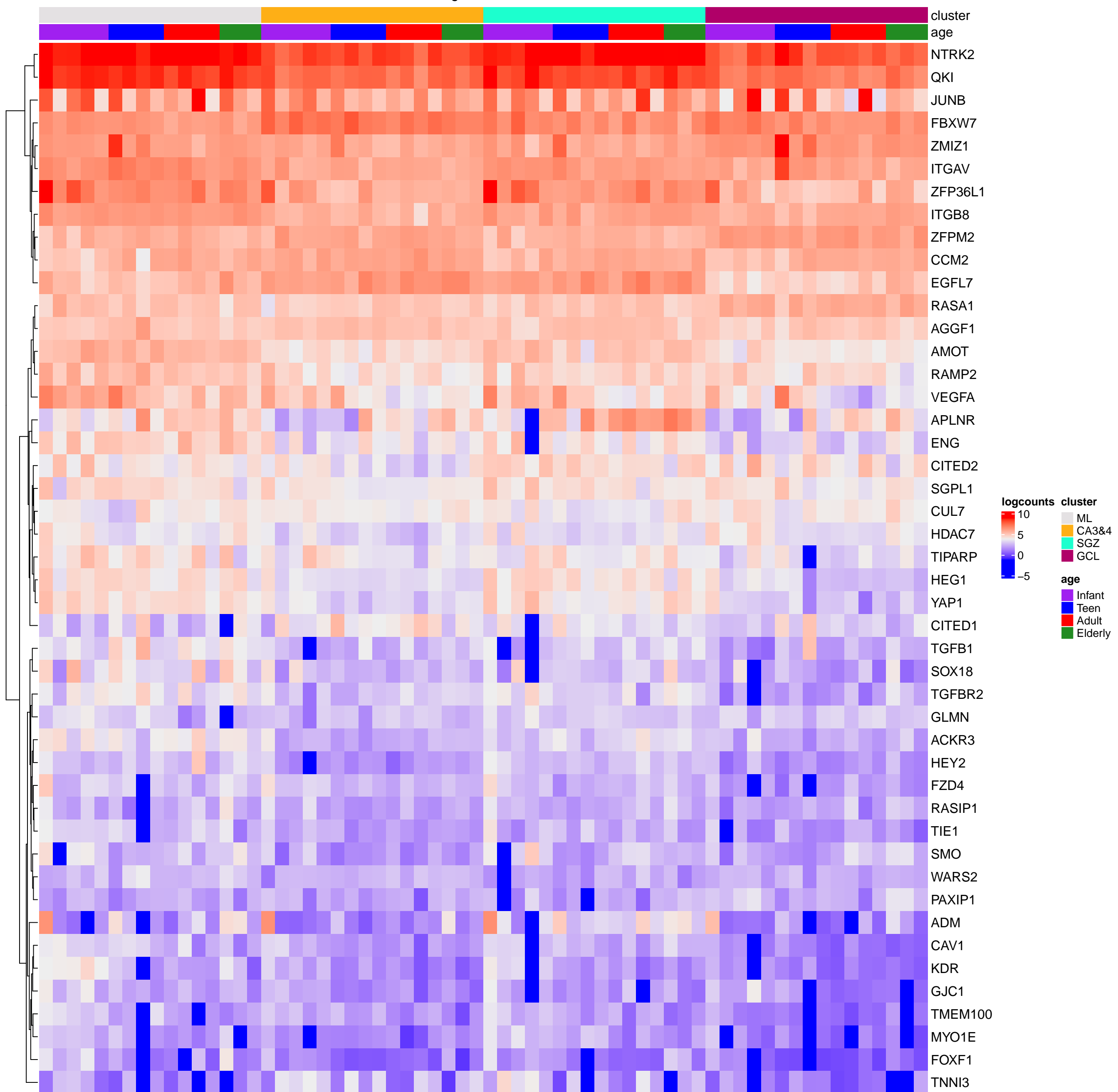
age

ATP6AP2

FLVCR1

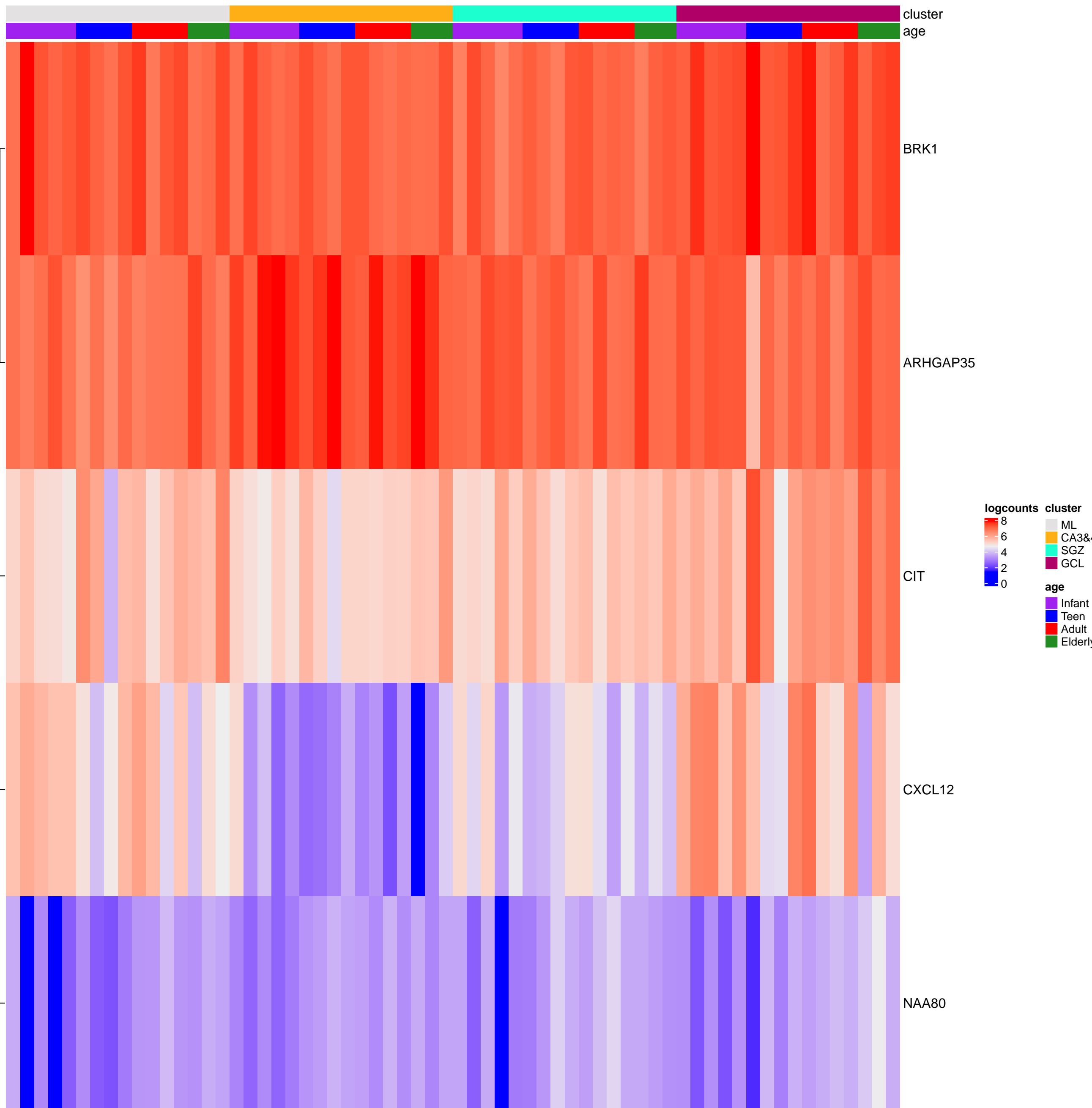
WNT3



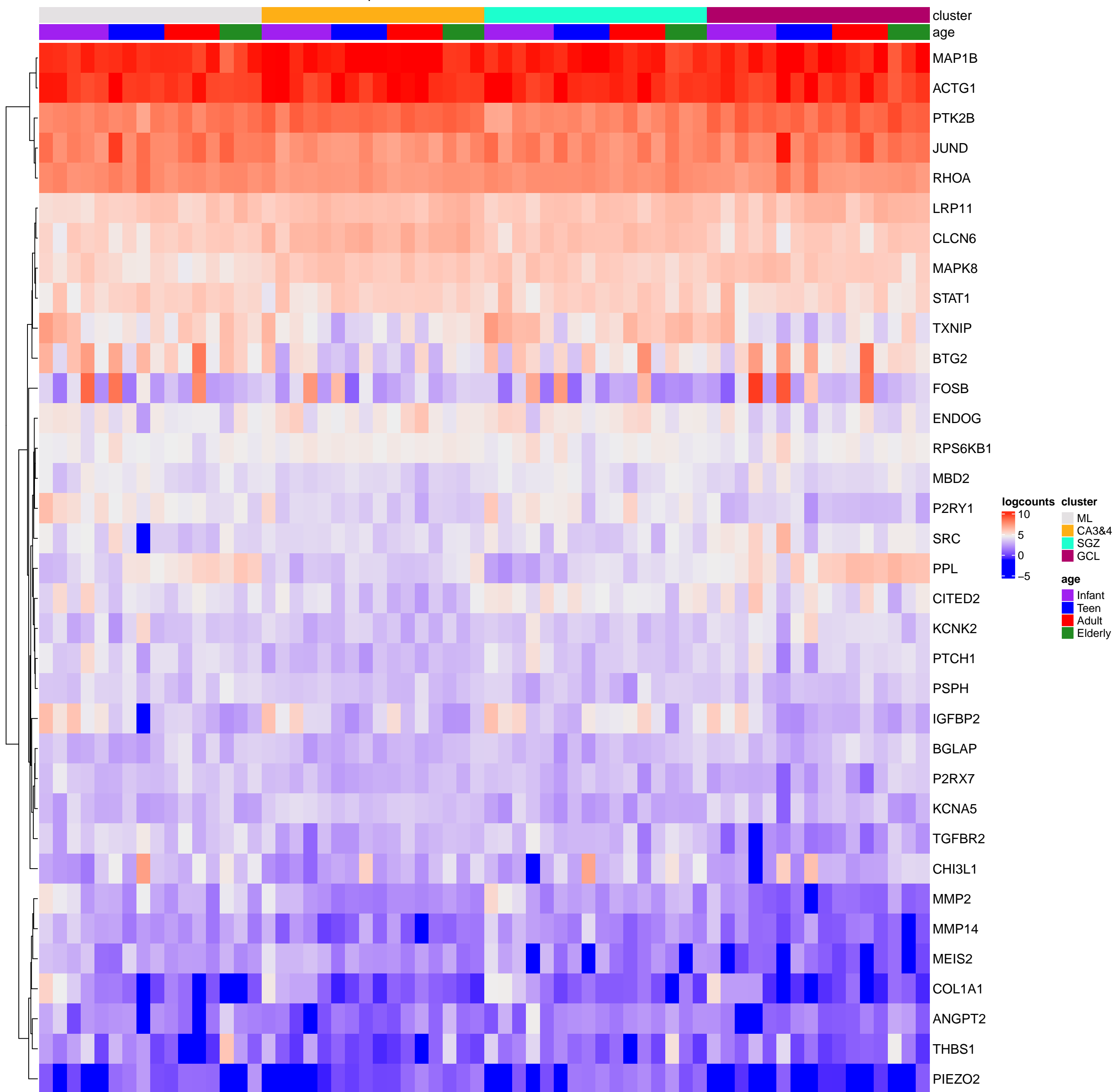




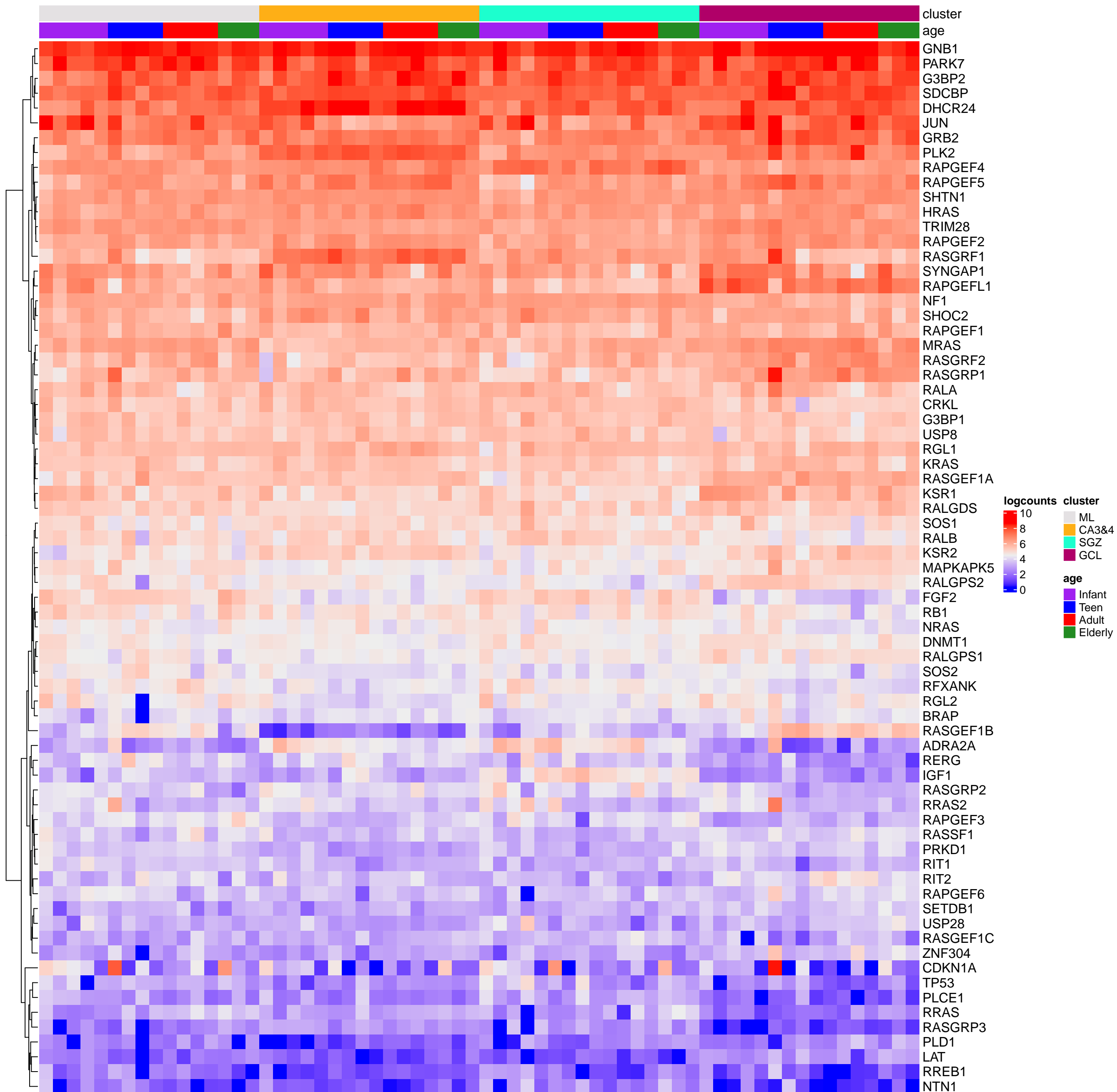
regulation of actin polymerization or depolymerization.SYMBOL



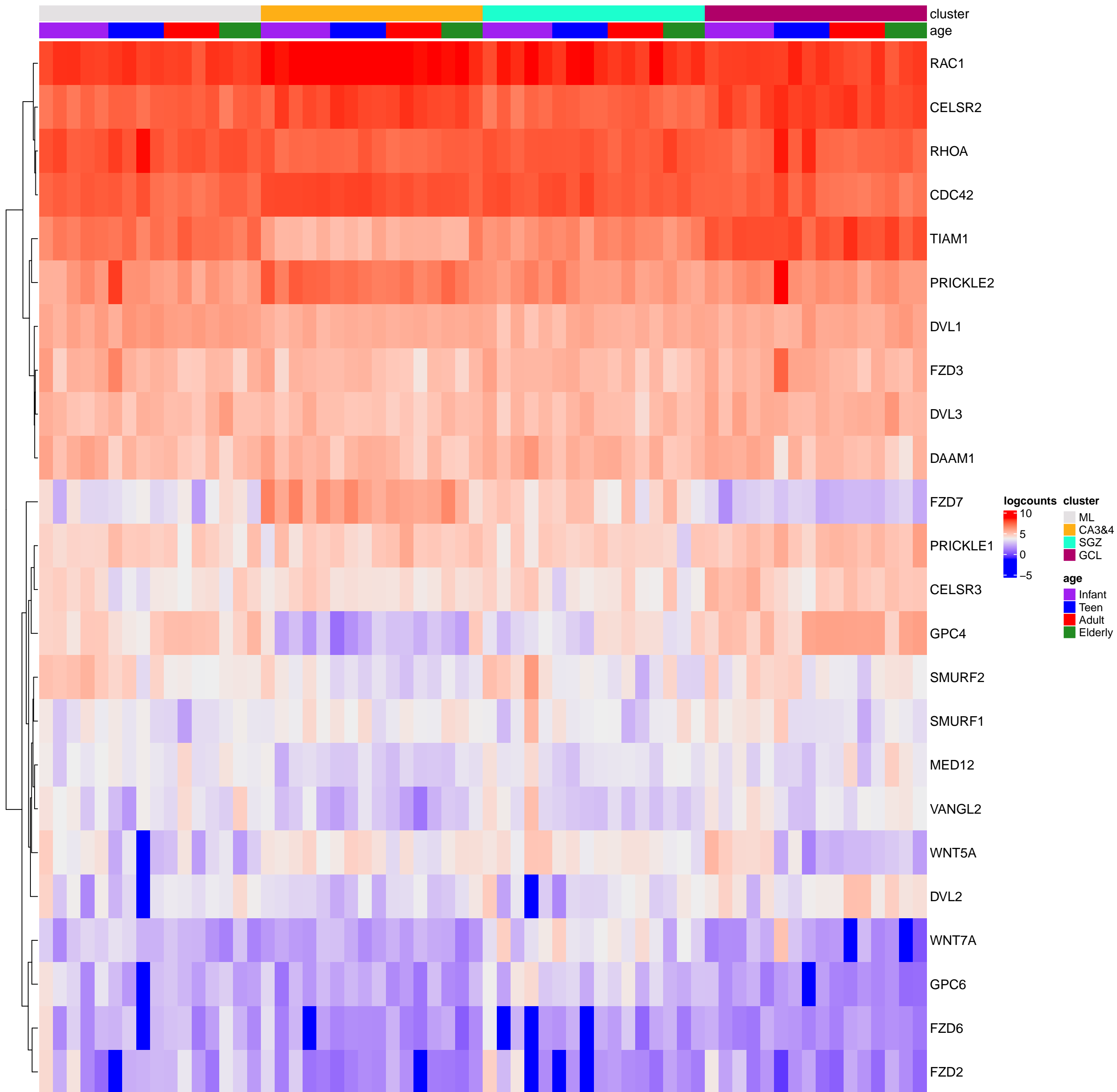
response to mechanical stimulus.SYMBOL

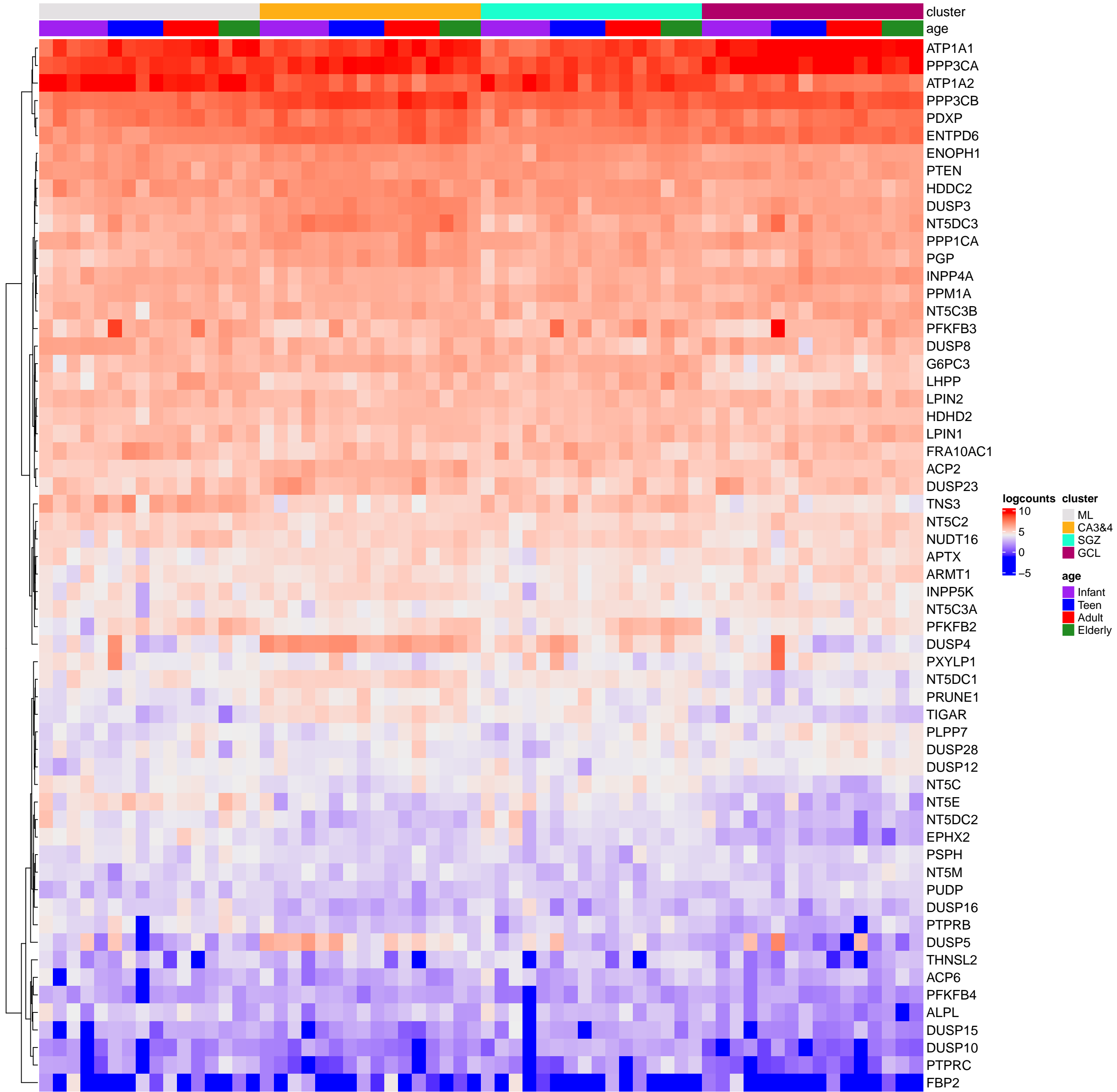


Ras protein signal transduction.SYMBOL

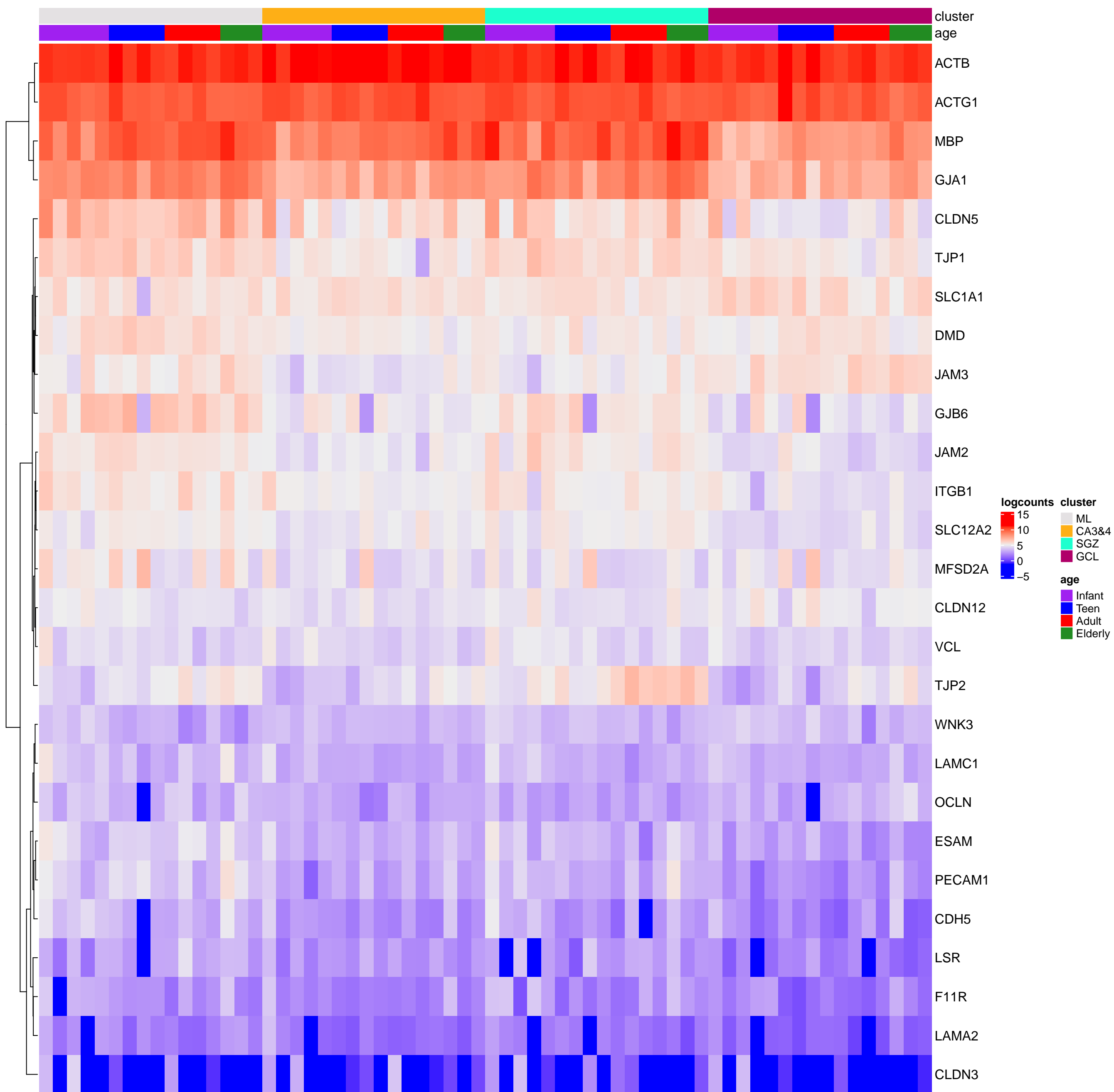


Wnt signaling pathway, planar cell polarity pathway.SYMBOL

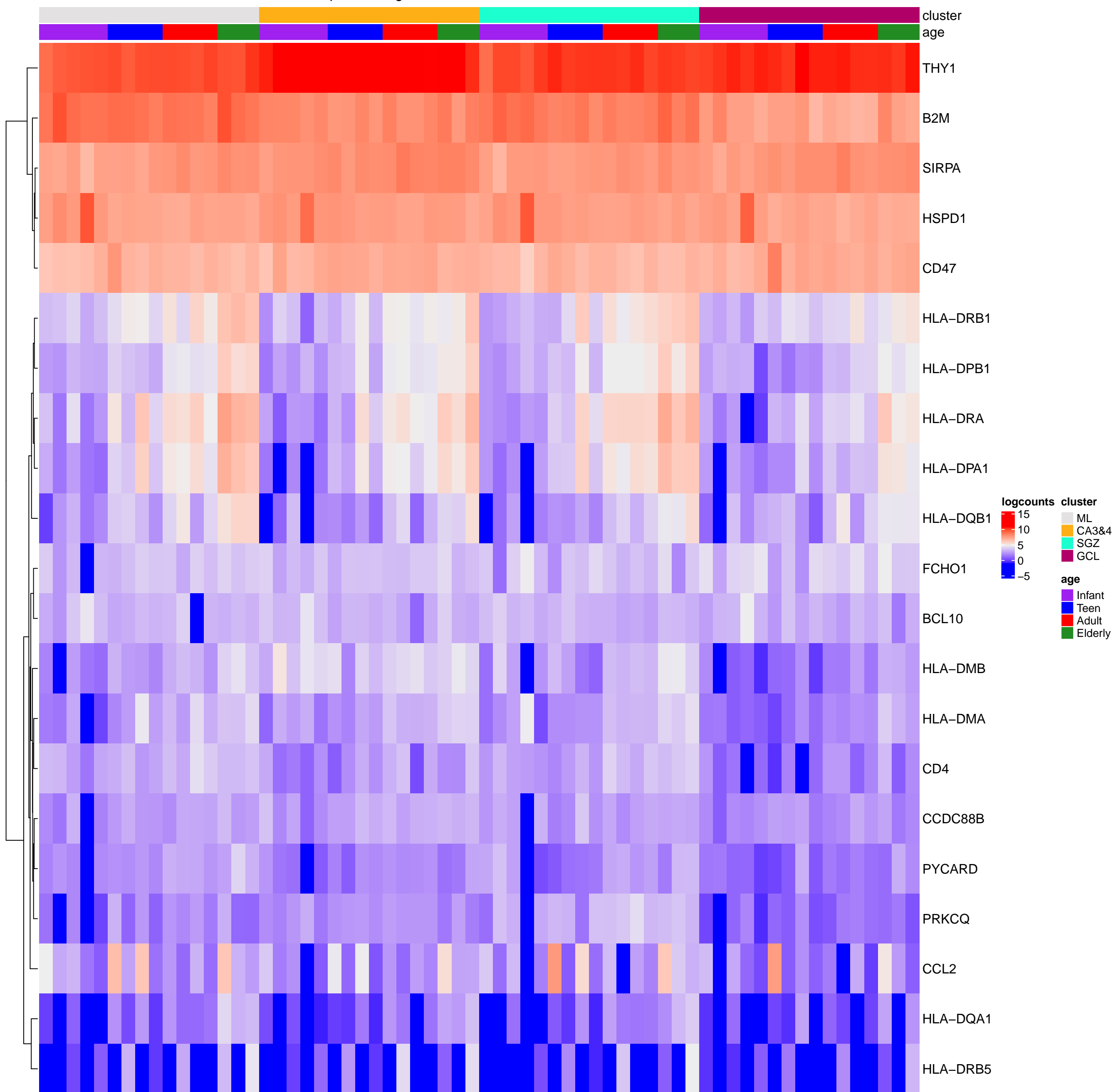




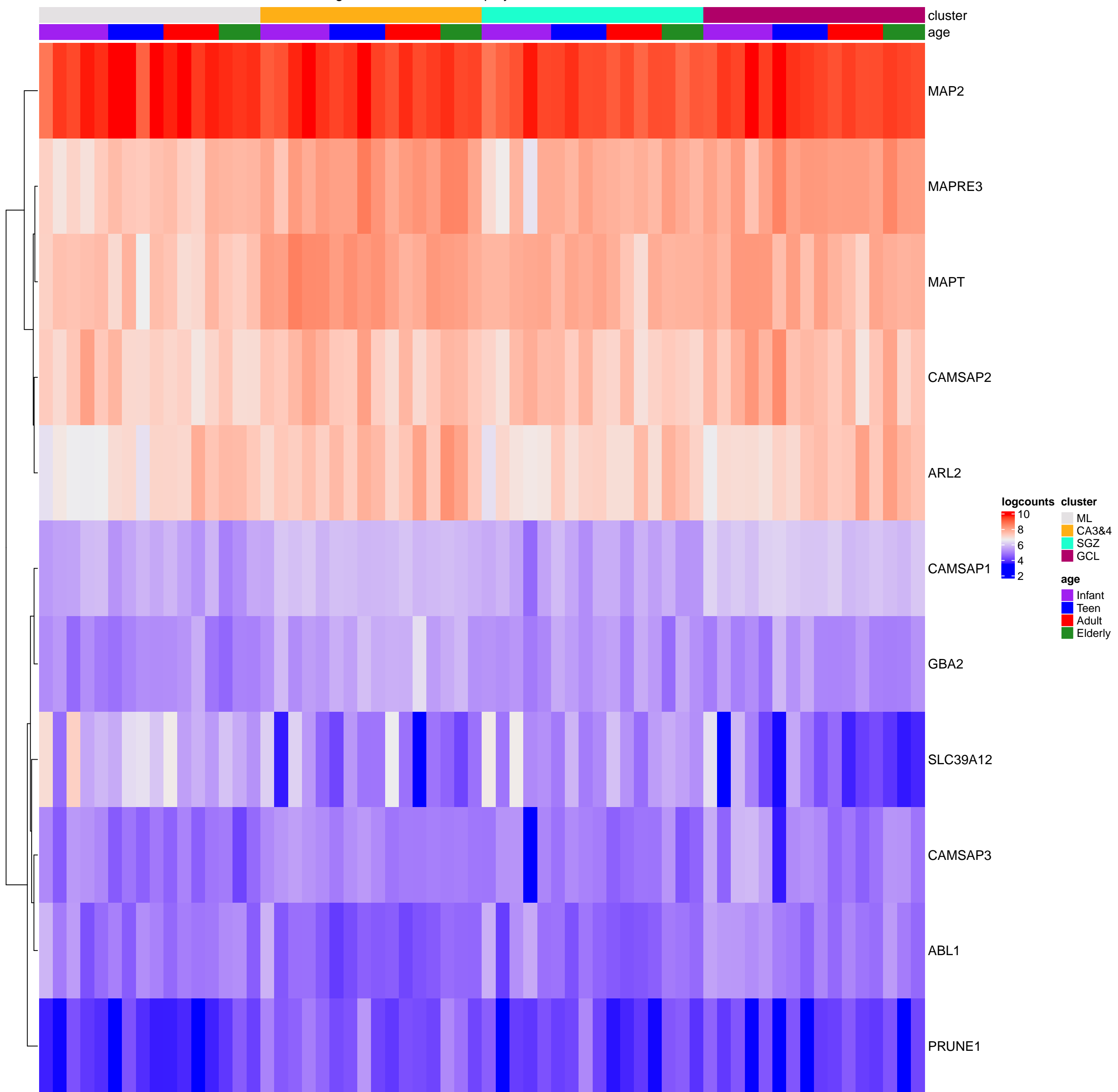
maintenance of blood–brain barrier.SYMBOL



## positive regulation of T cell activation.SYMBOL

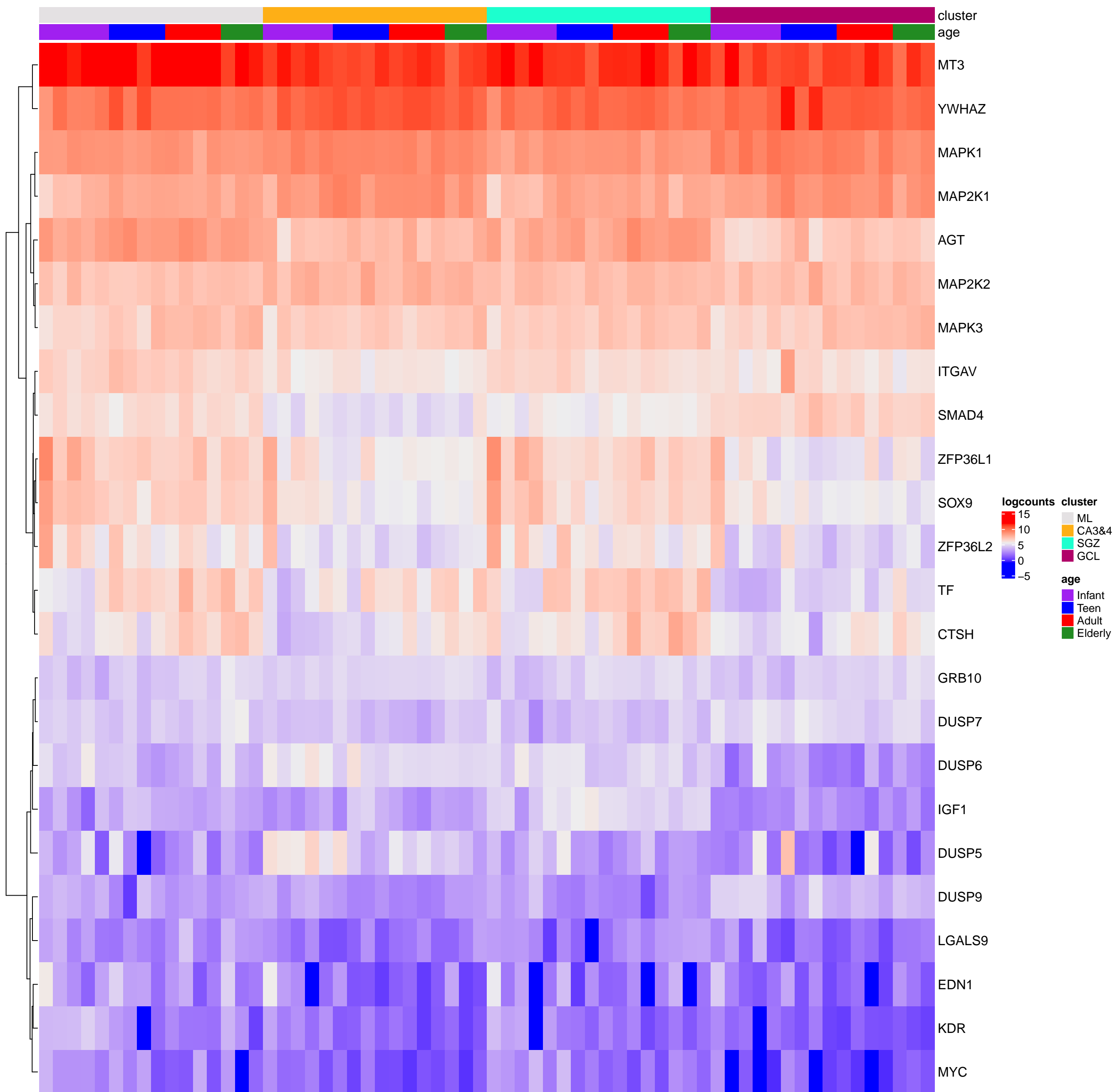


regulation of microtubule polymerization.SYMBOL

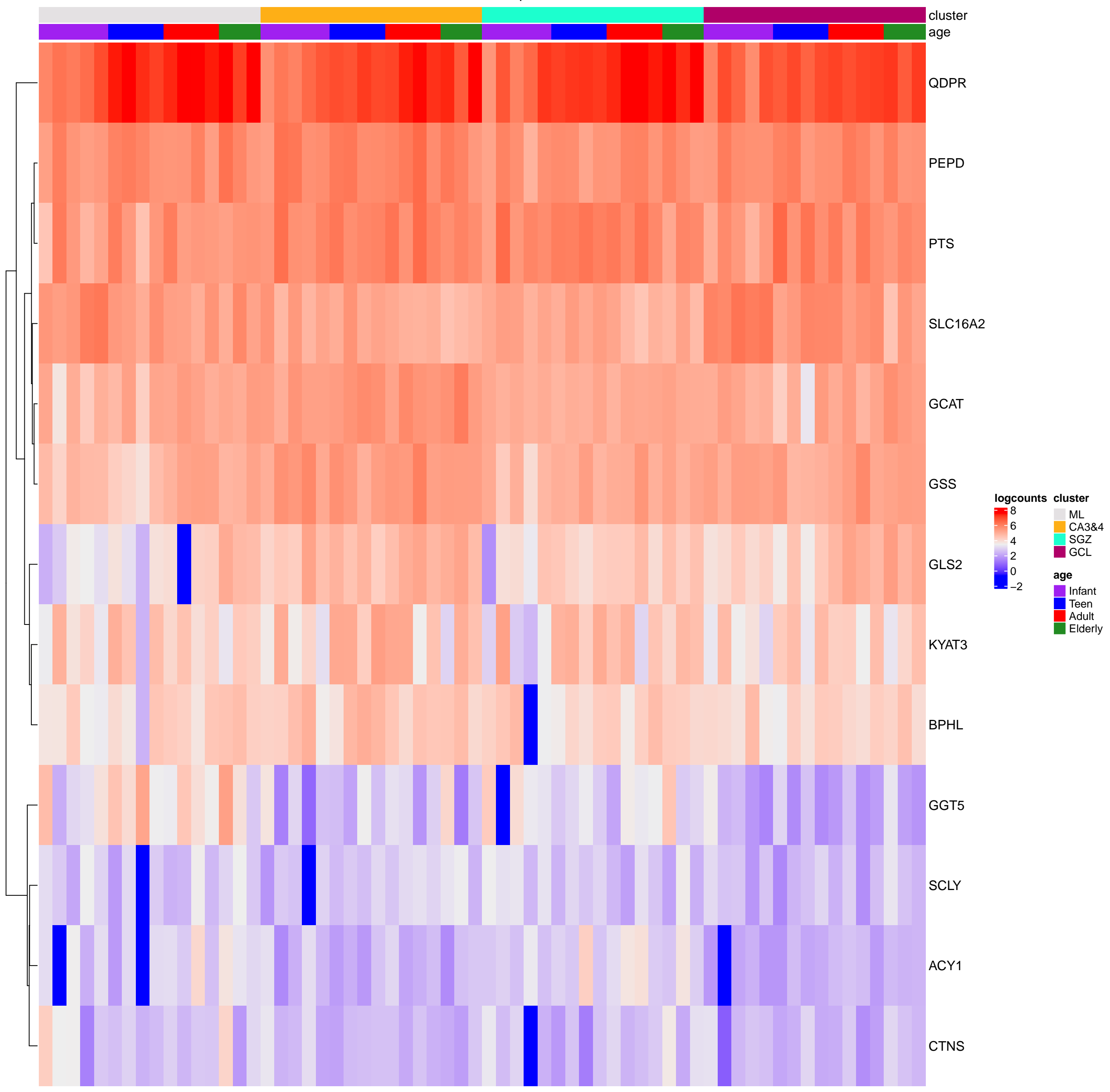




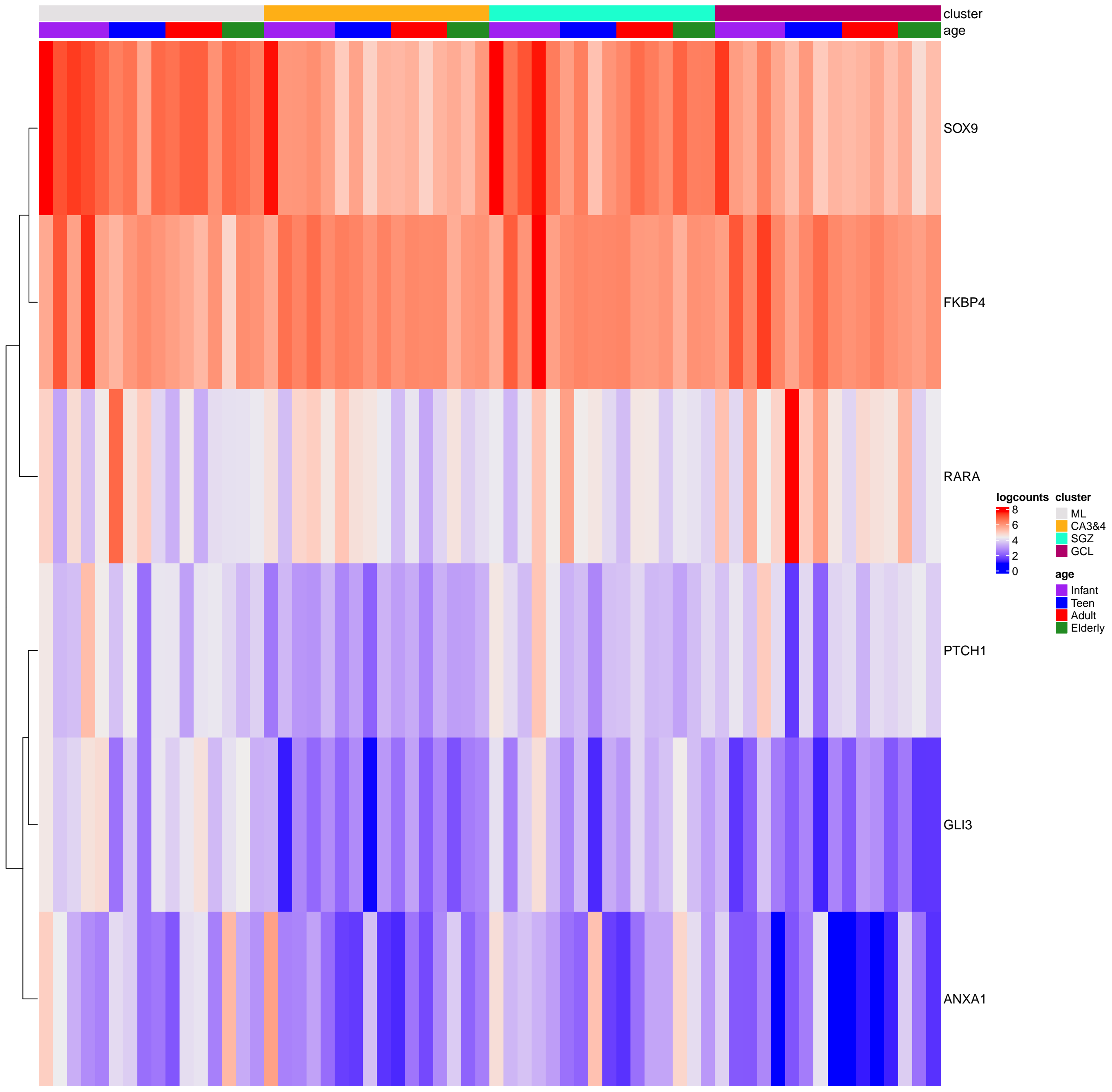
ERK1 and ERK2 cascade.SYMBOL



cellular amino acid metabolic process.SYMBOL



prostate gland development.SYMBOL



muscle tissue development.SYMBOL

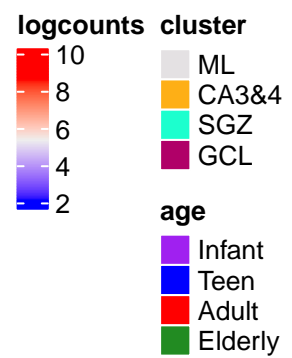
cluster

age

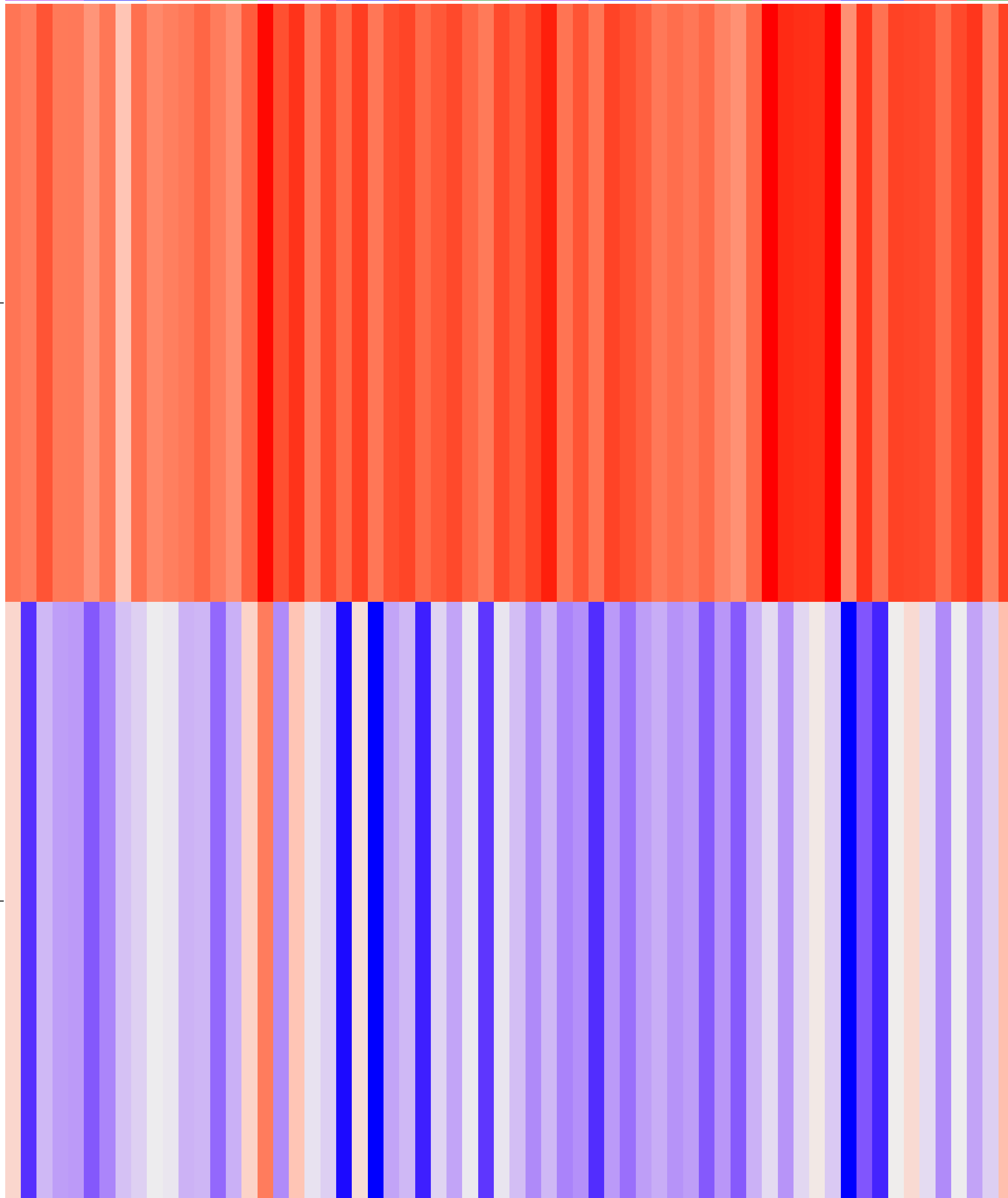
CSR1

CSR2

POGLUT1

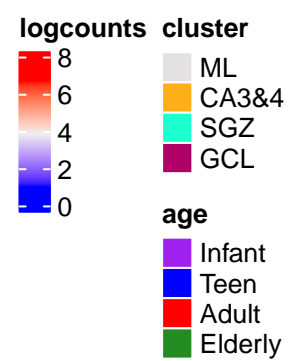


negative regulation of locomotion.SYMBOL



GRM5

ADORA2A



regulation of developmental growth.SYMBOL

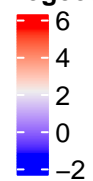
cluster

age

NIPBL

AR

logcounts



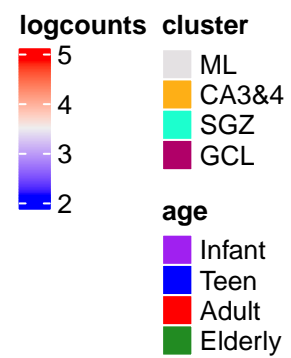
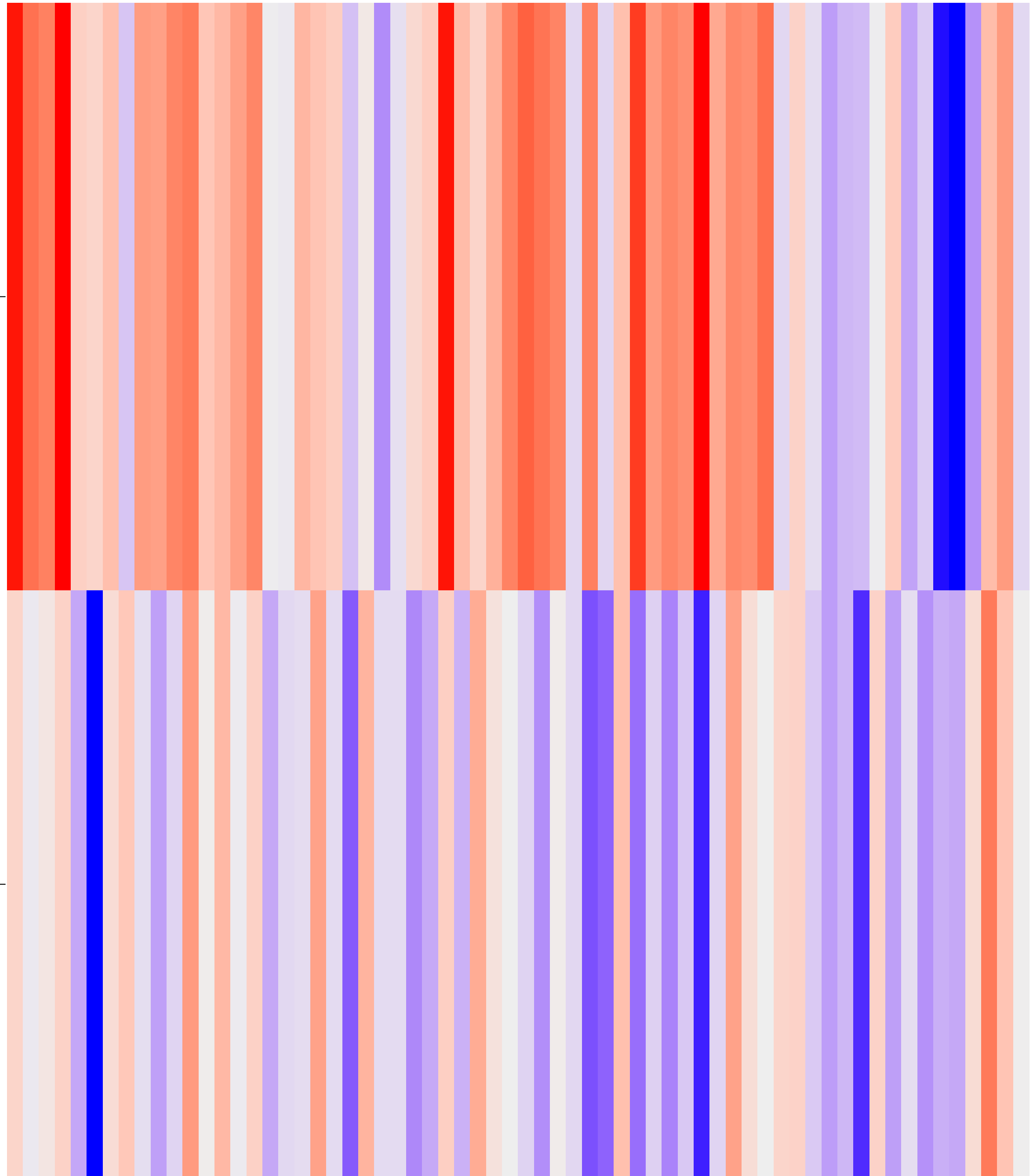
cluster



age



pyrimidine deoxyribonucleotide catabolic process.SYMBOL



lymphocyte proliferation.SYMBOL

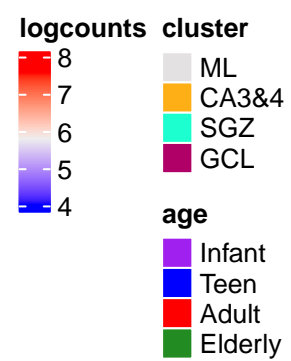
cluster

age

HPRT1

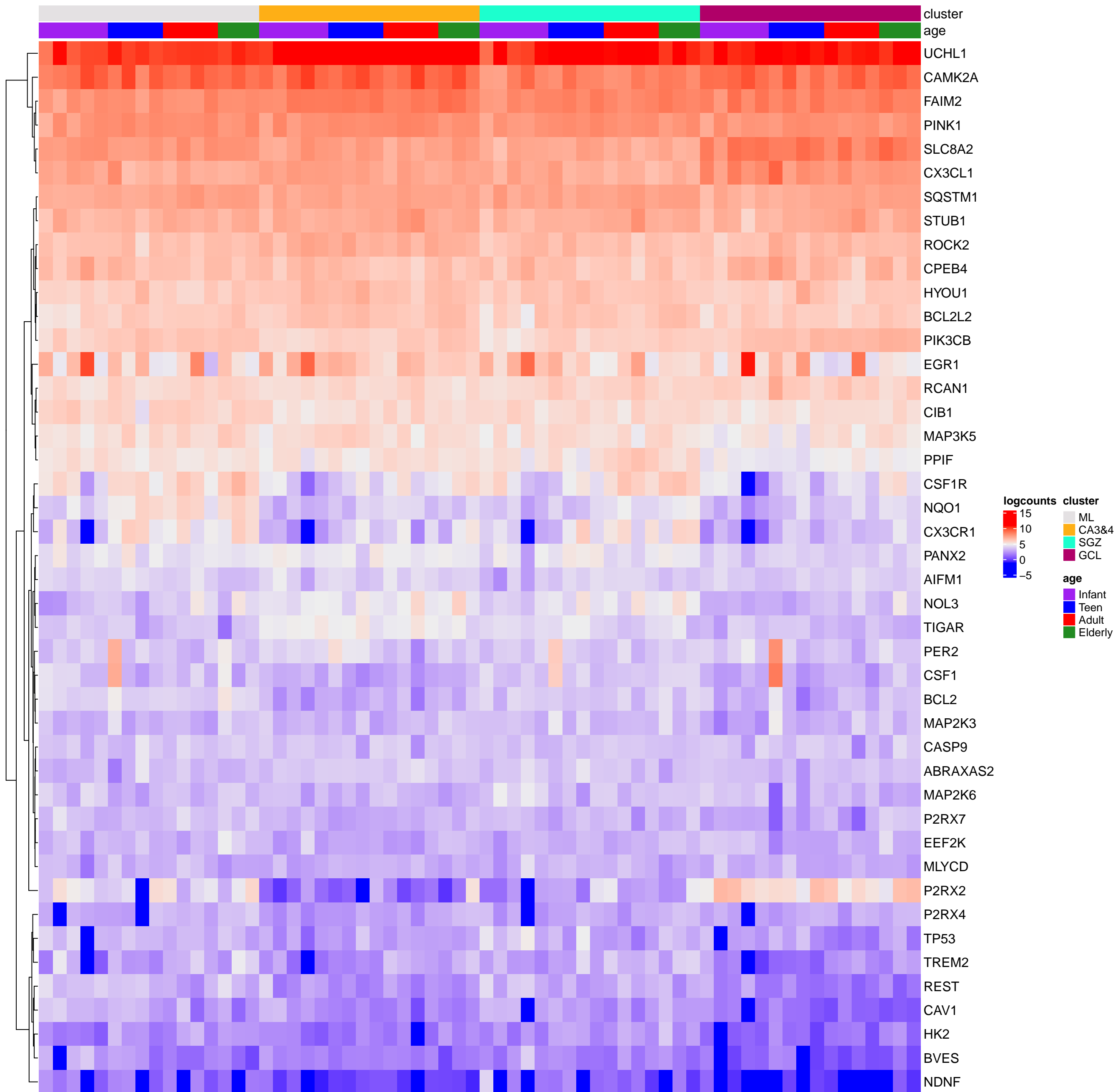
IMPDH2

PURA

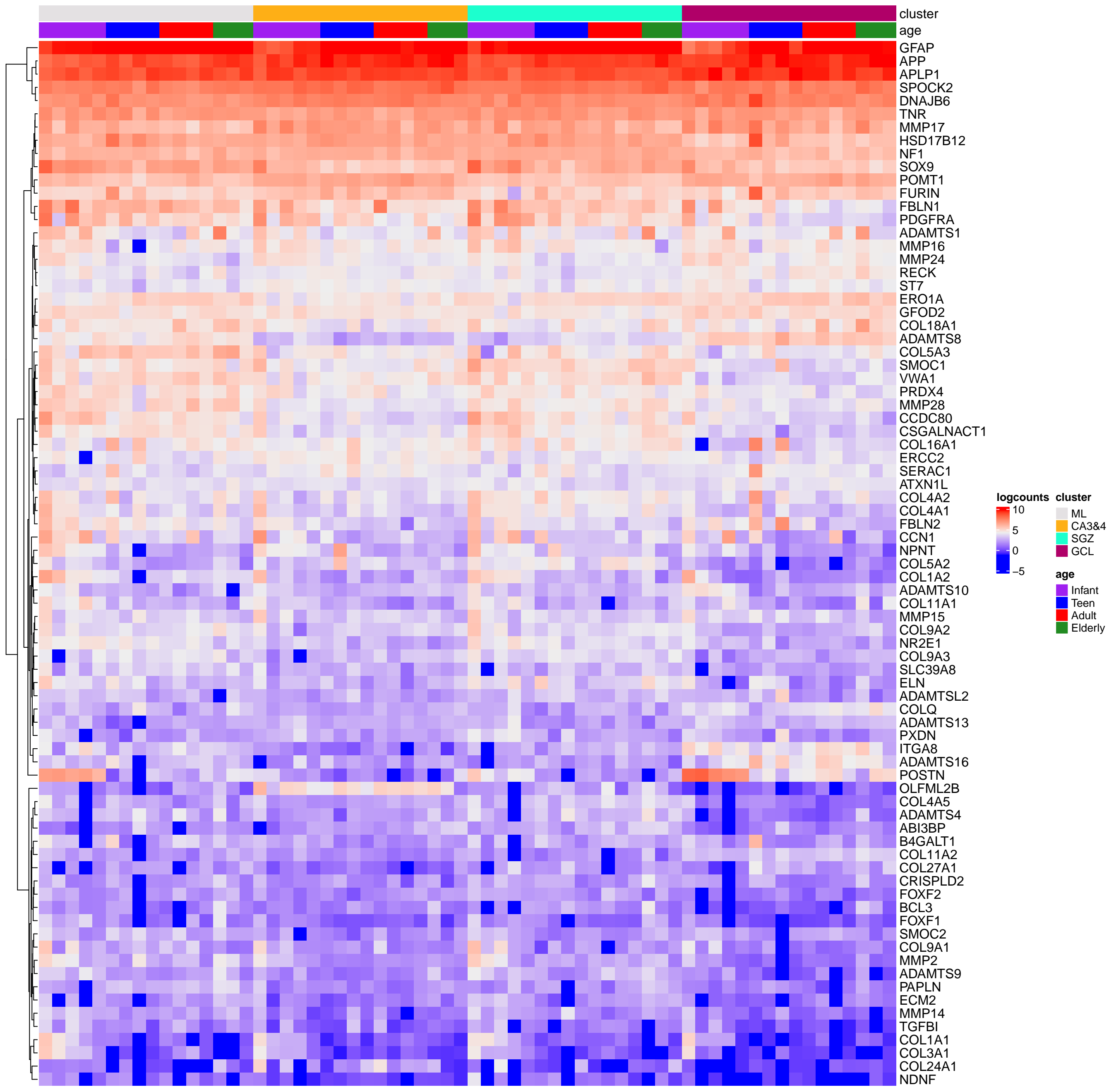




response to ischemia.SYMBOL



## extracellular matrix organization.SYMBOL



regulation of DNA binding.SYMBOL

cluster

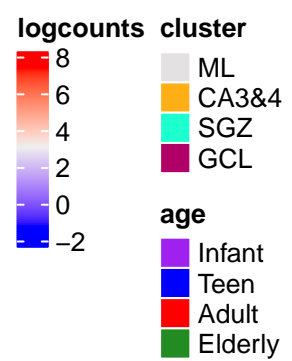
age

CSNK2B

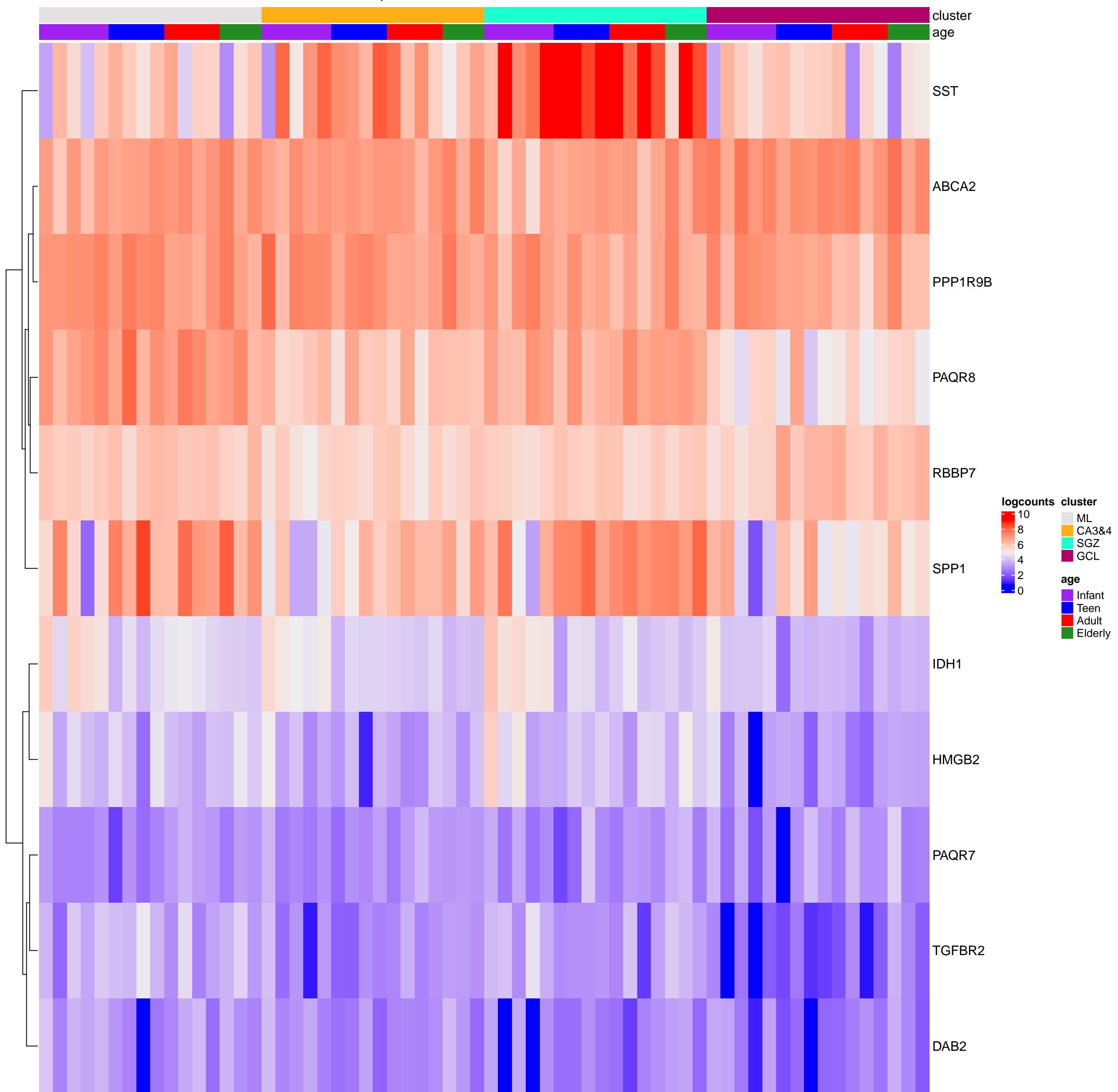
TAF10

TGFB1

BCL3



response to steroid hormone.SYMBOL



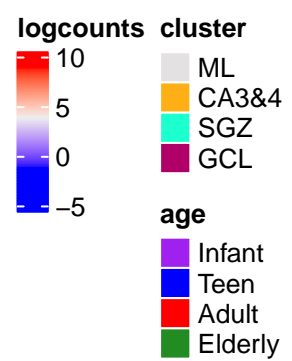
cellular response to lectin.SYMBOL

cluster

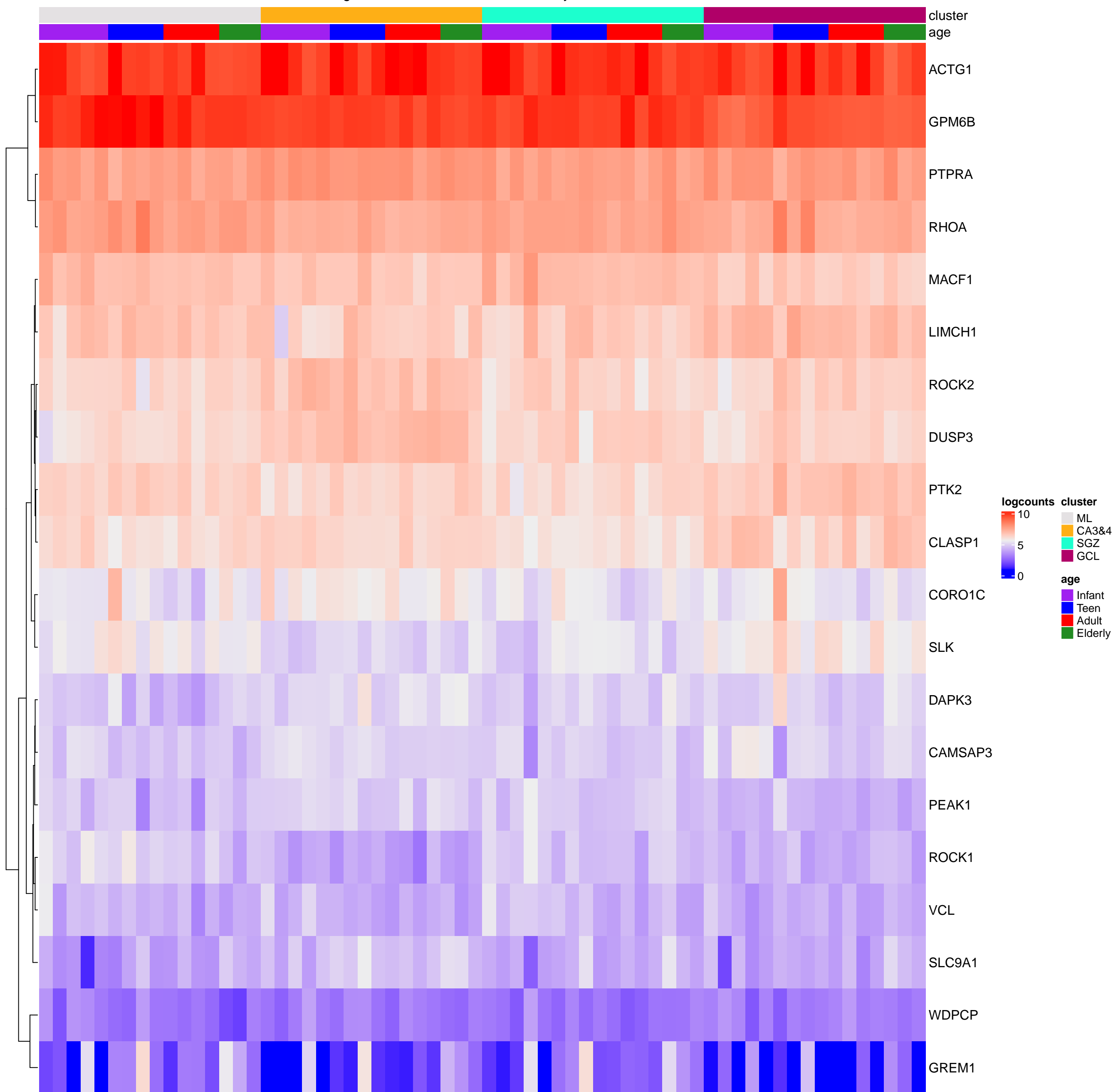
age

PLCG2

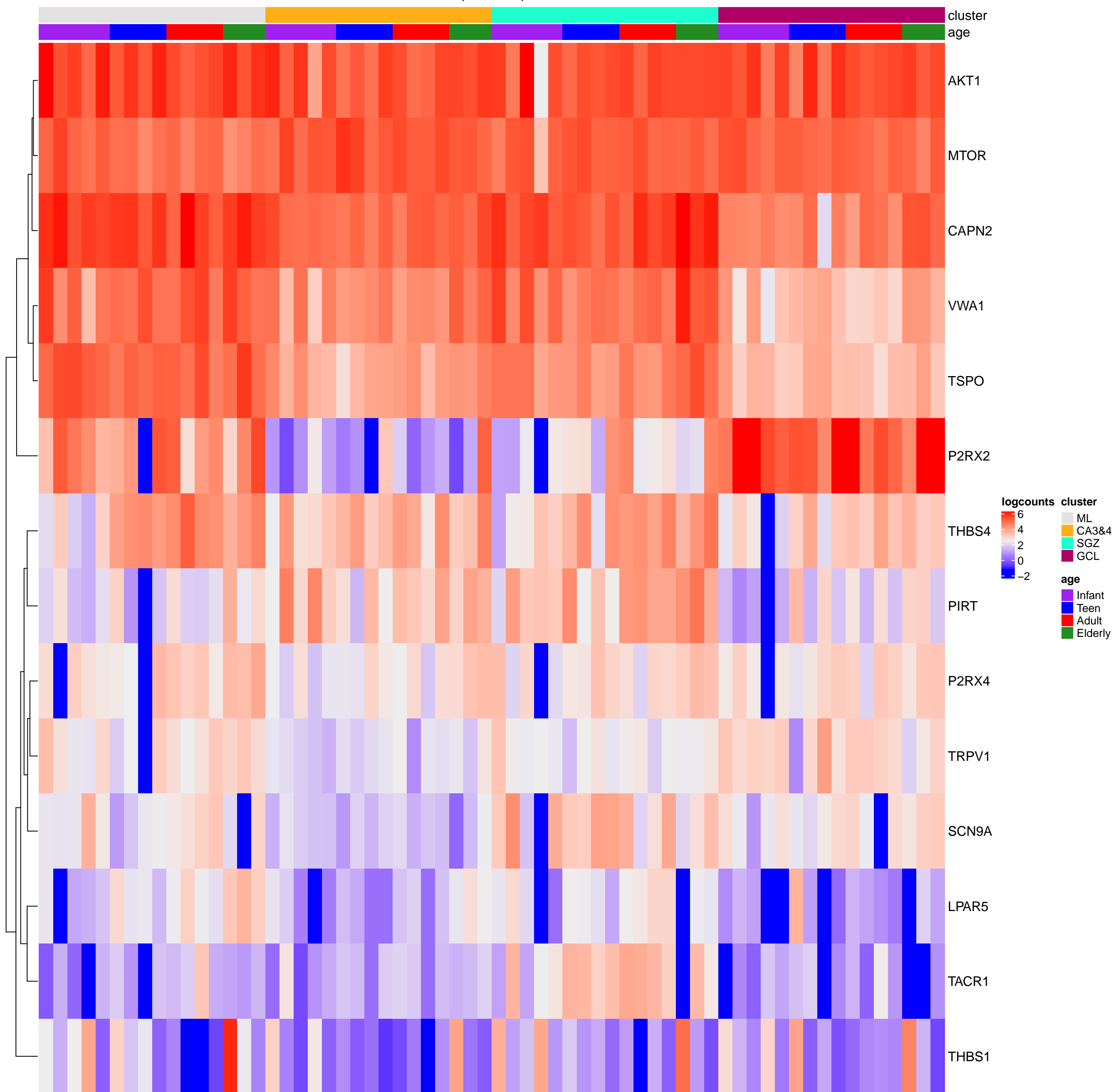
MYC



## regulation of focal adhesion assembly.SYMBOL



behavioral response to pain.SYMBOL



viral process.SYMBOL

cluster

age

RAN

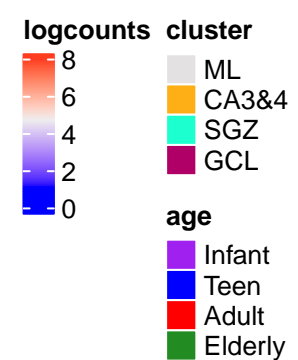
BICD1

PARD6A

CALCOCO2

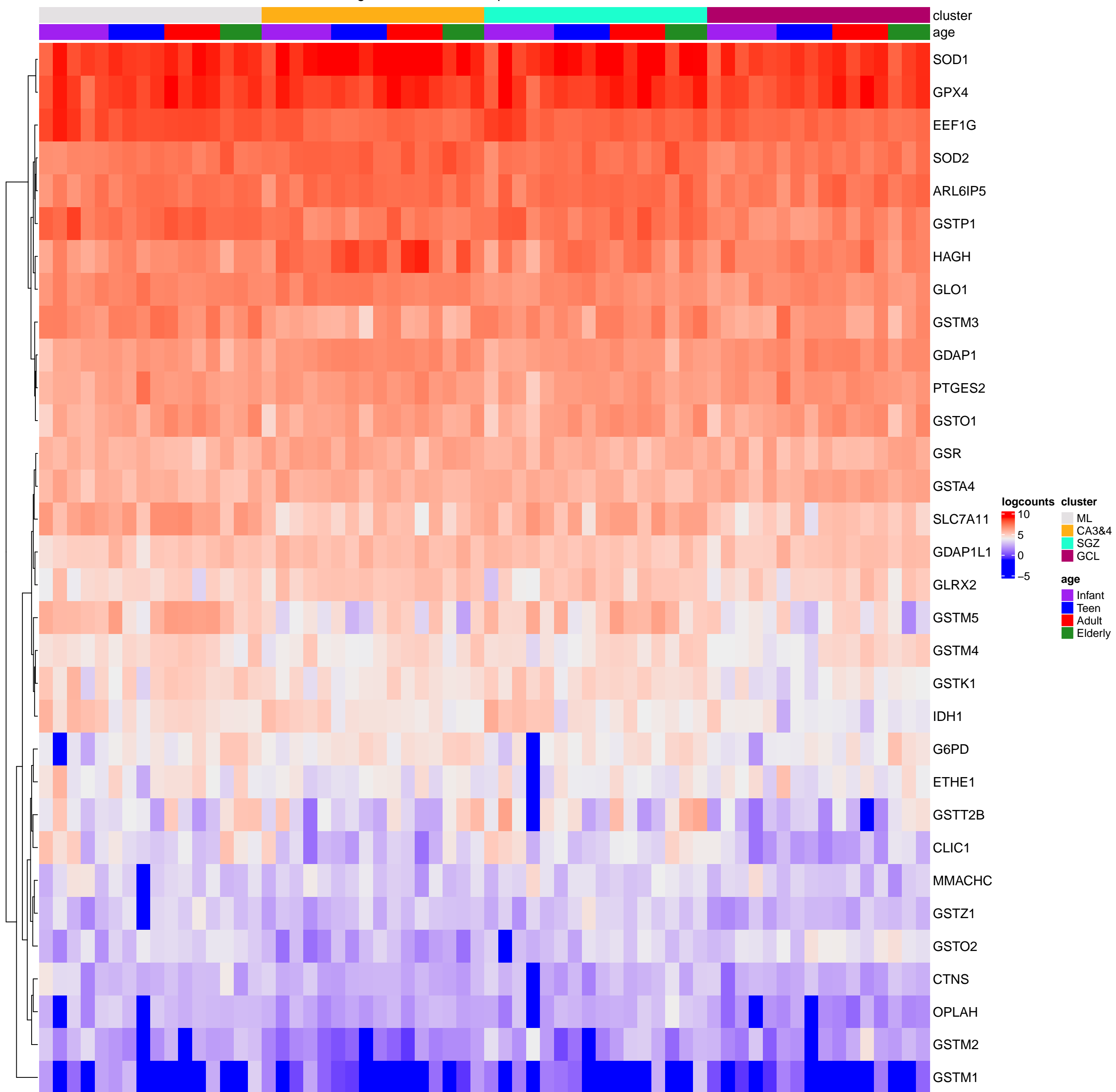
HCFC2

TP53

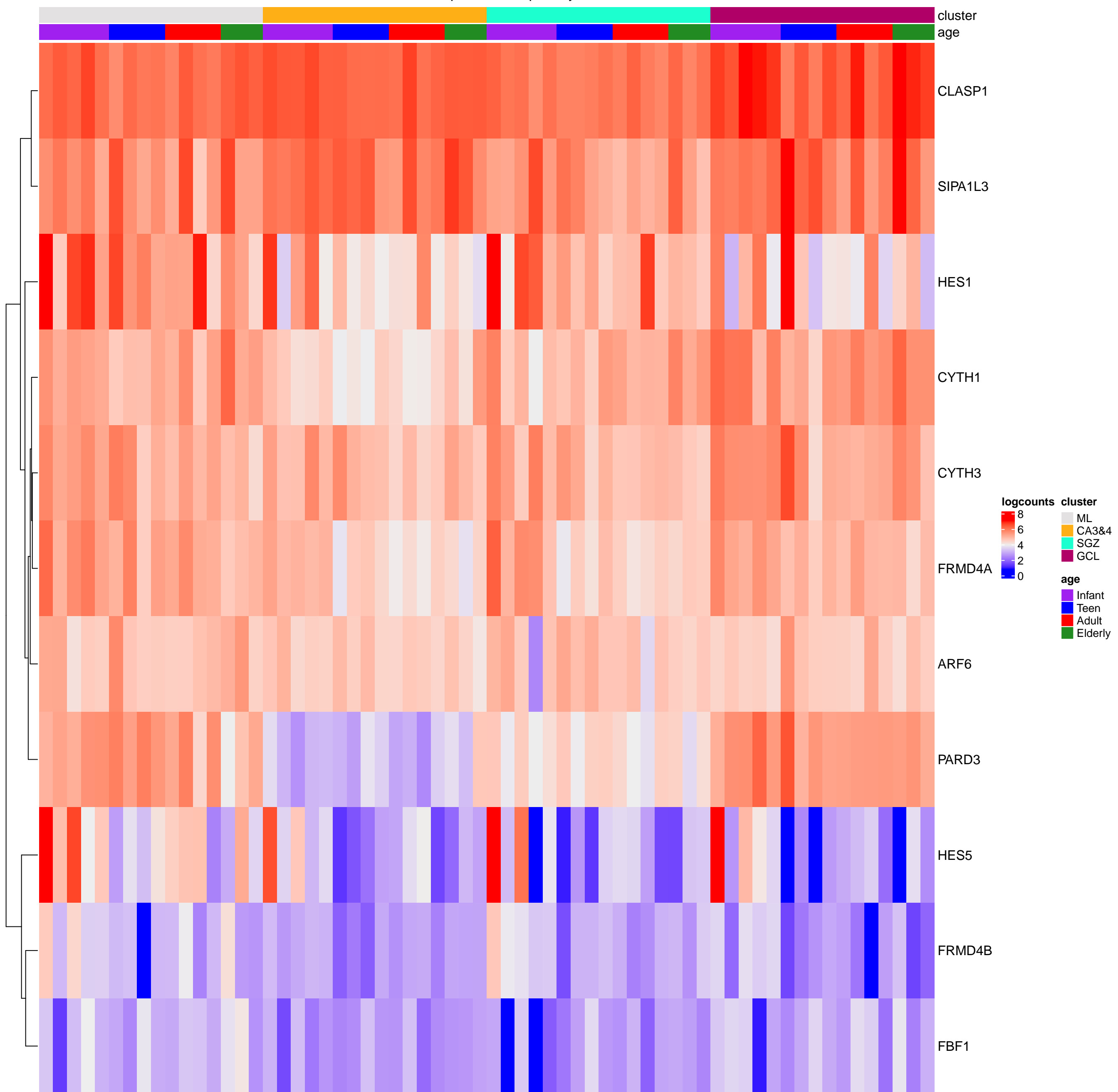




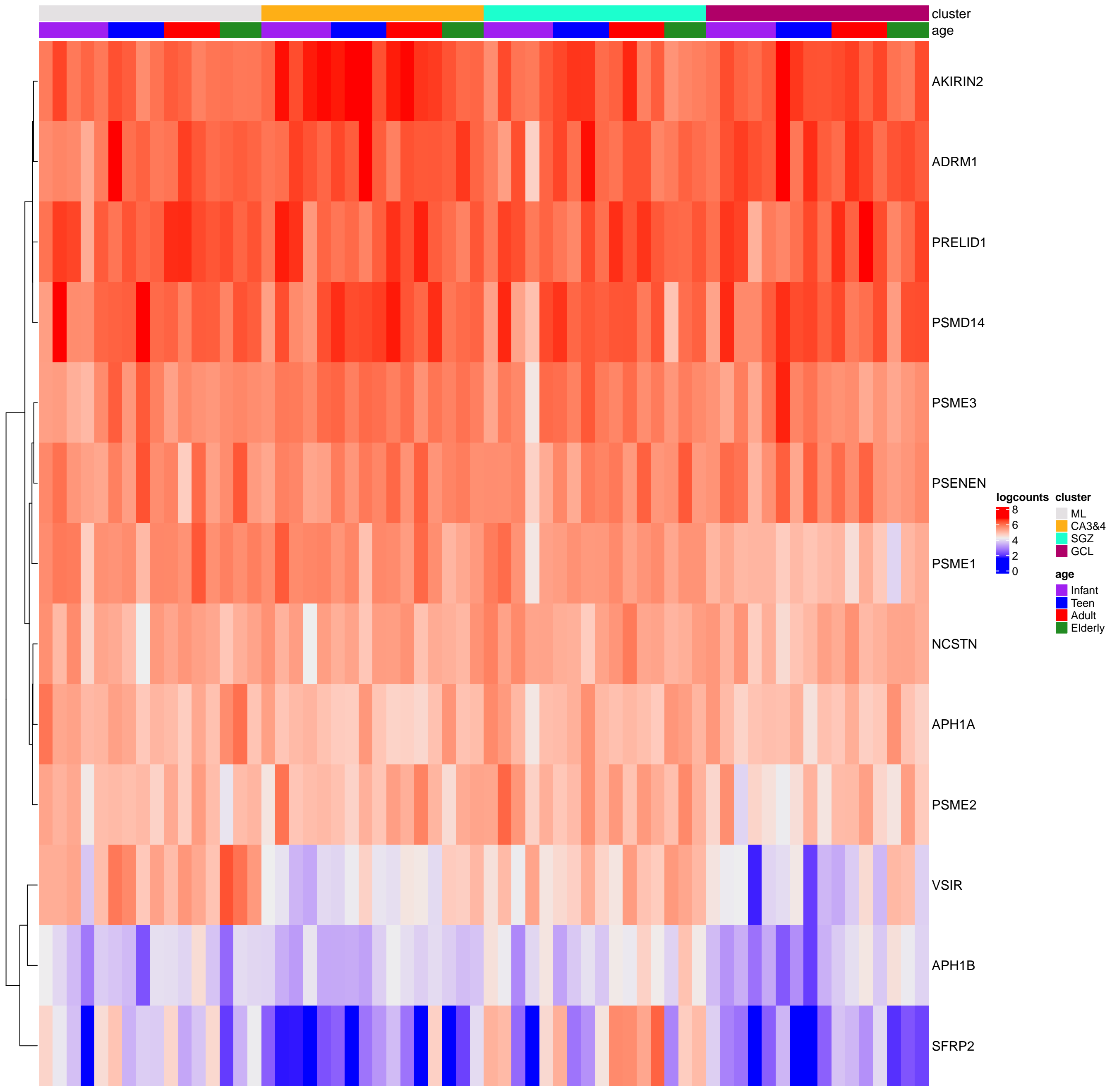
## glutathione metabolic process.SYMBOL



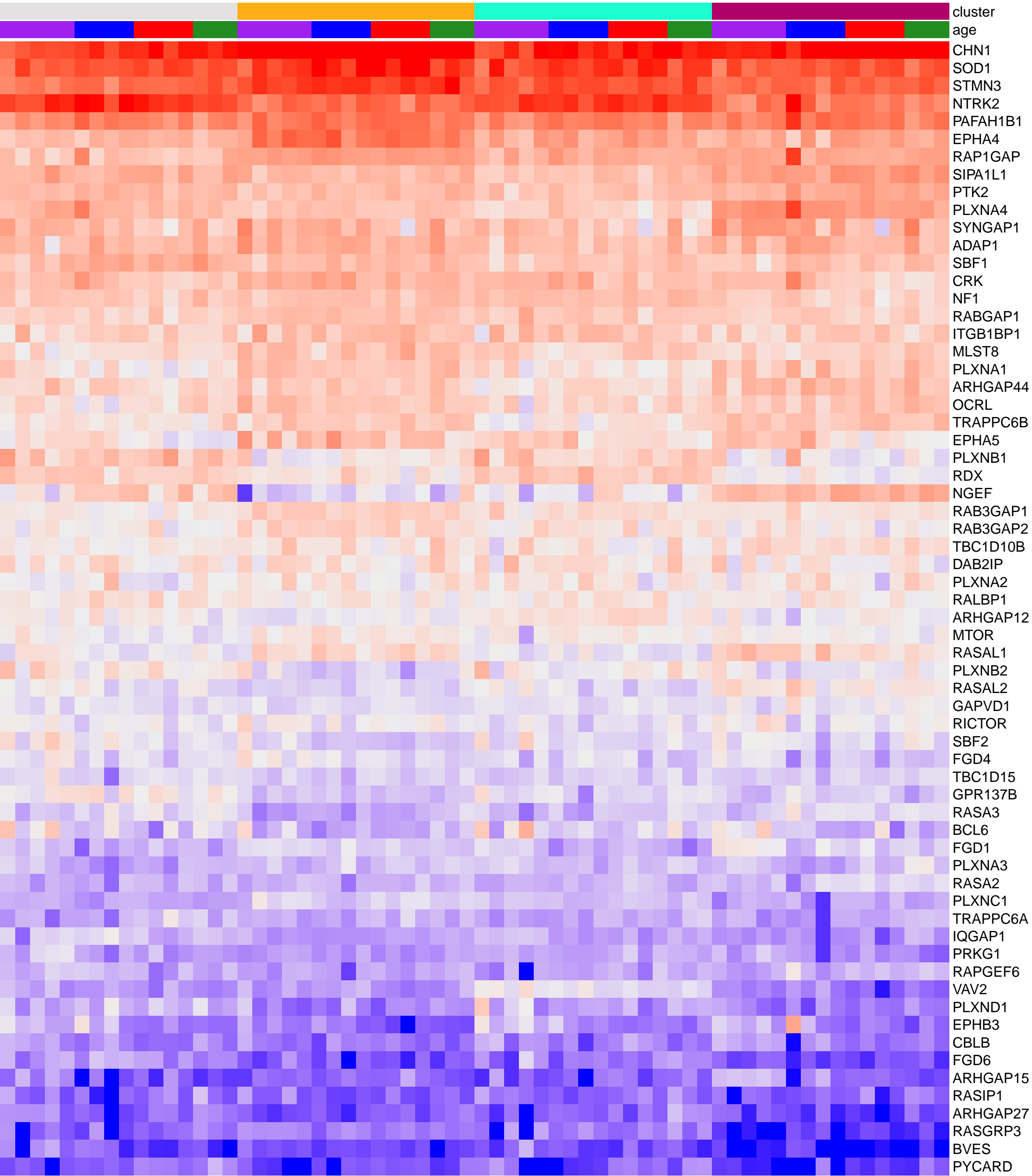
establishment of epithelial cell polarity.SYMBOL



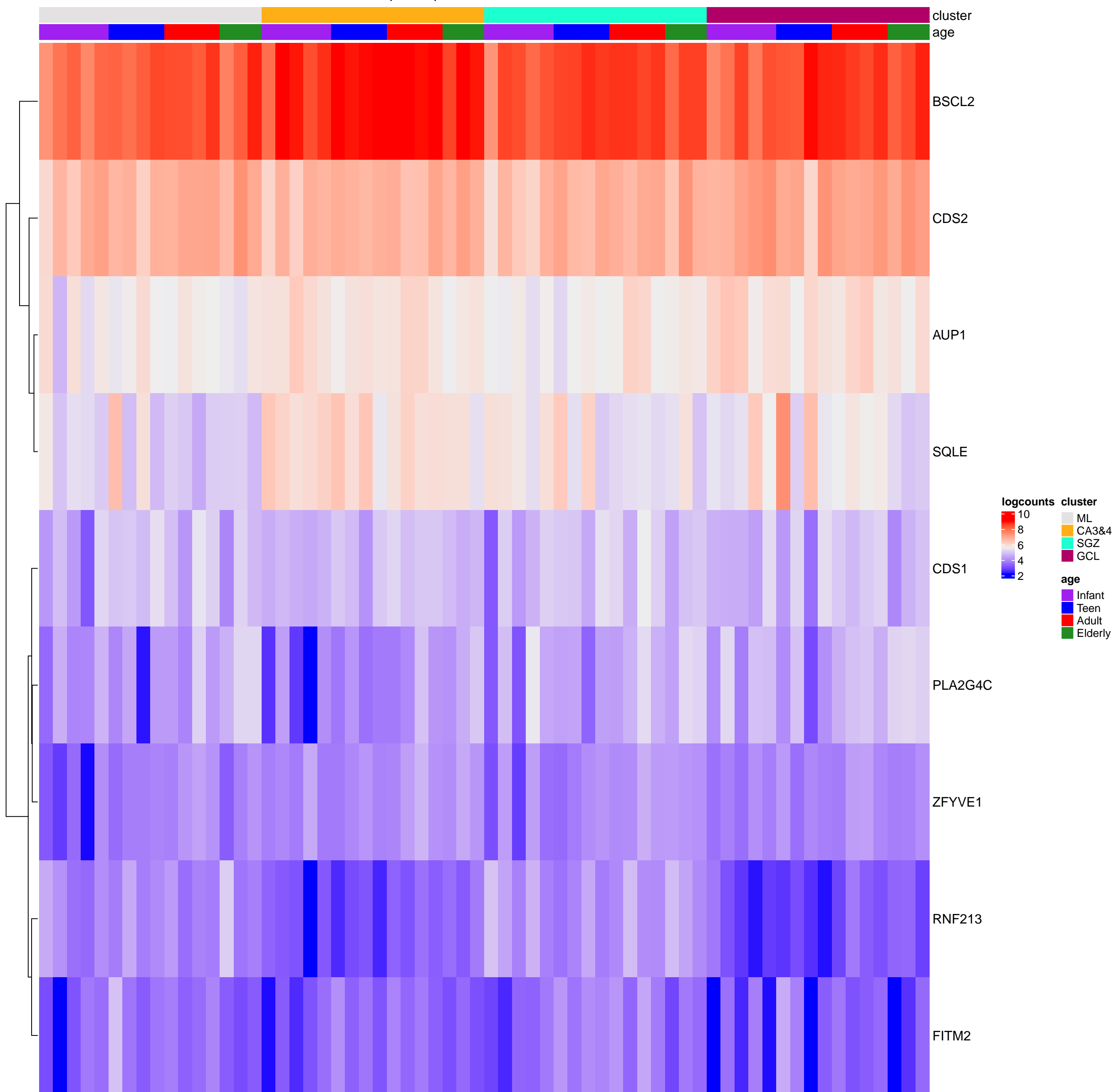
positive regulation of endopeptidase activity.SYMBOL



regulation of GTPase activity.SYMBOL



## lipid droplet formation.SYMBOL

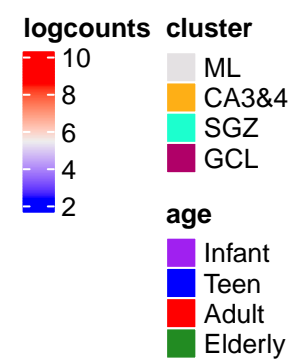


positive regulation of syncytium formation by plasma membrane fusion.SYMBOL

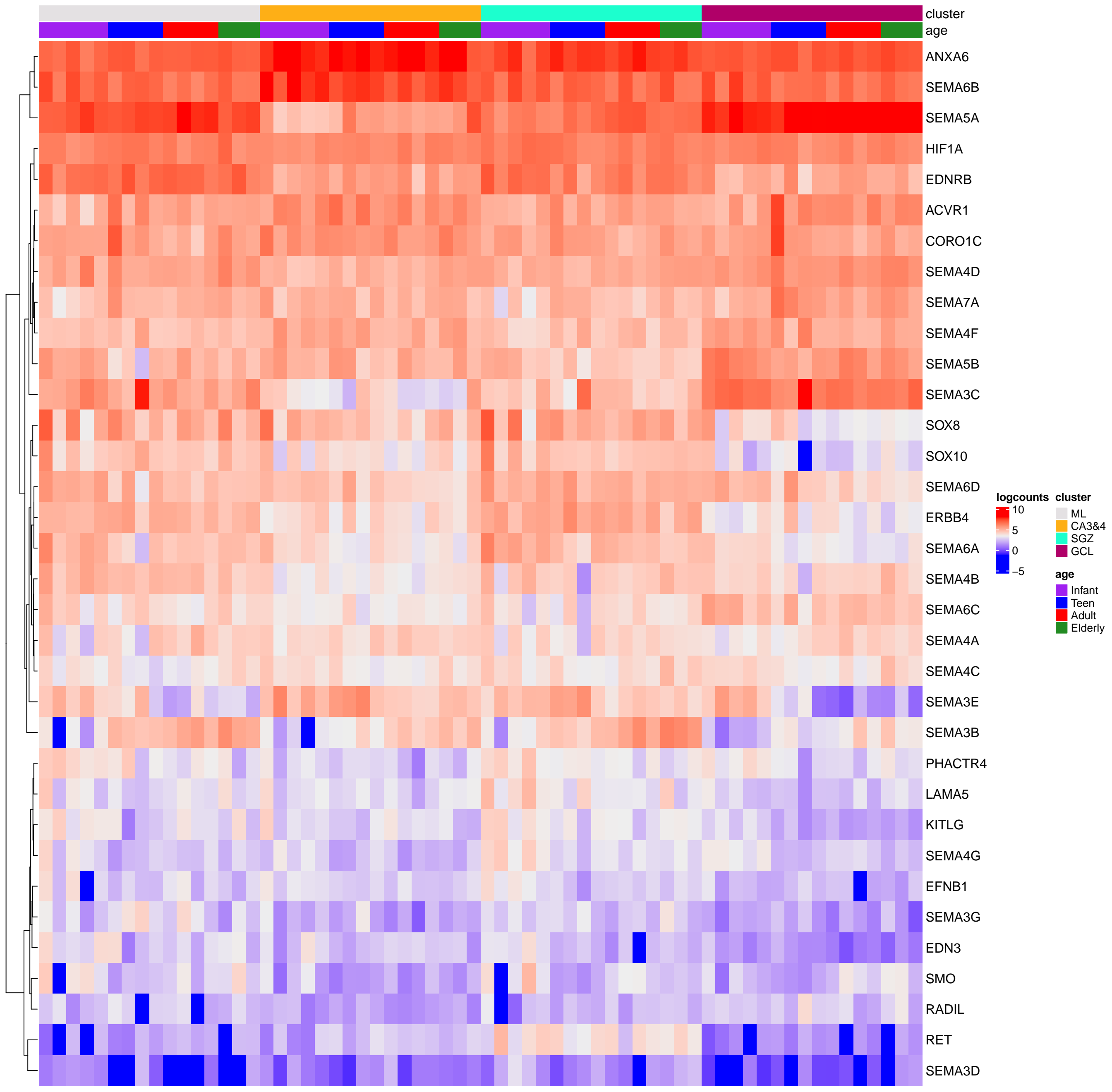


CAMK1

RAPGEF3



## neural crest cell migration.SYMBOL



epithelial cell development.SYMBOL

cluster

age

E2F4

B4GALT1

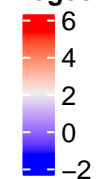
CXCR4

HYDIN

SHROOM3

SLC4A5

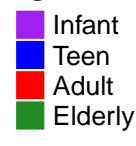
logcounts



cluster

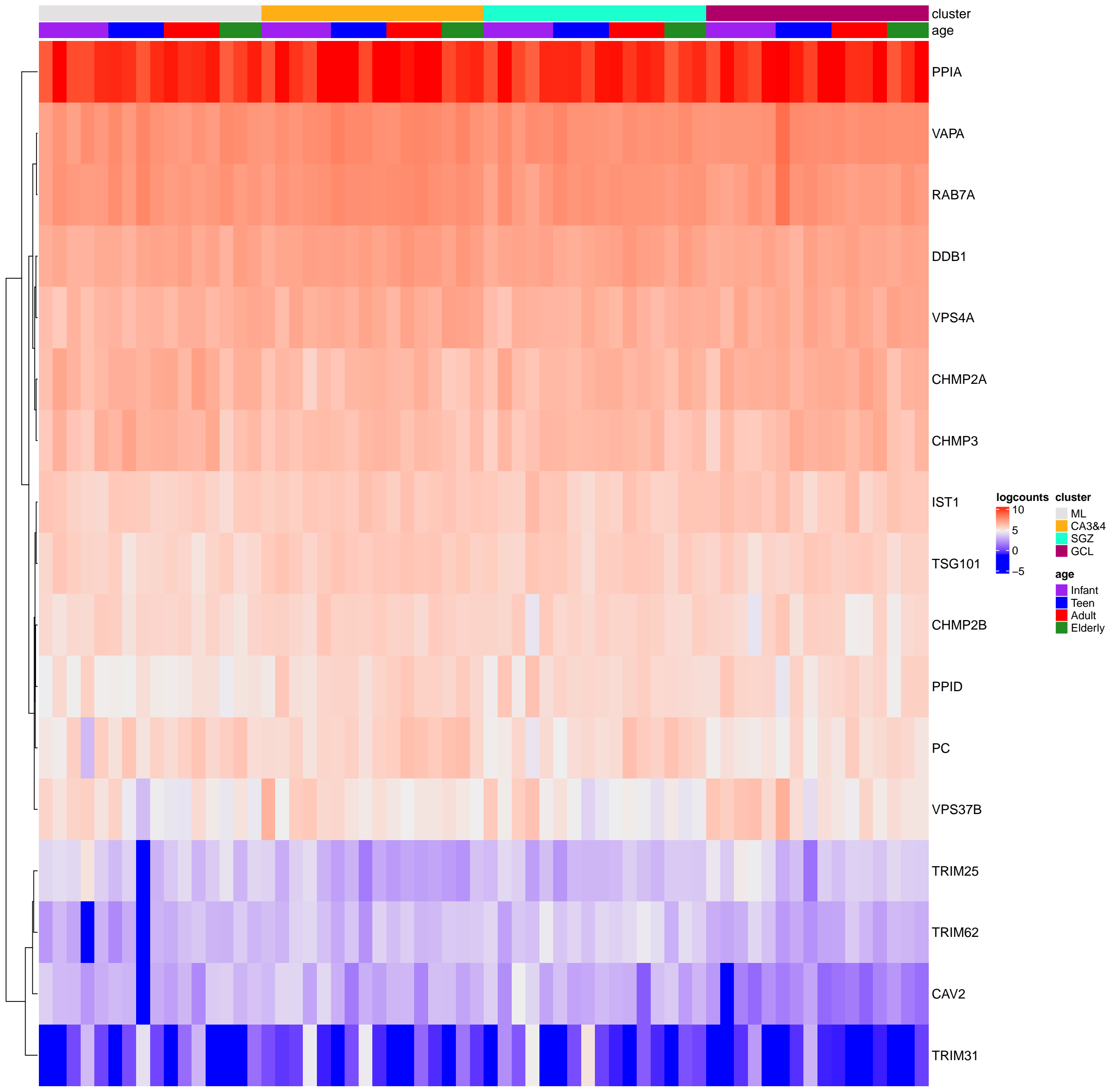


age

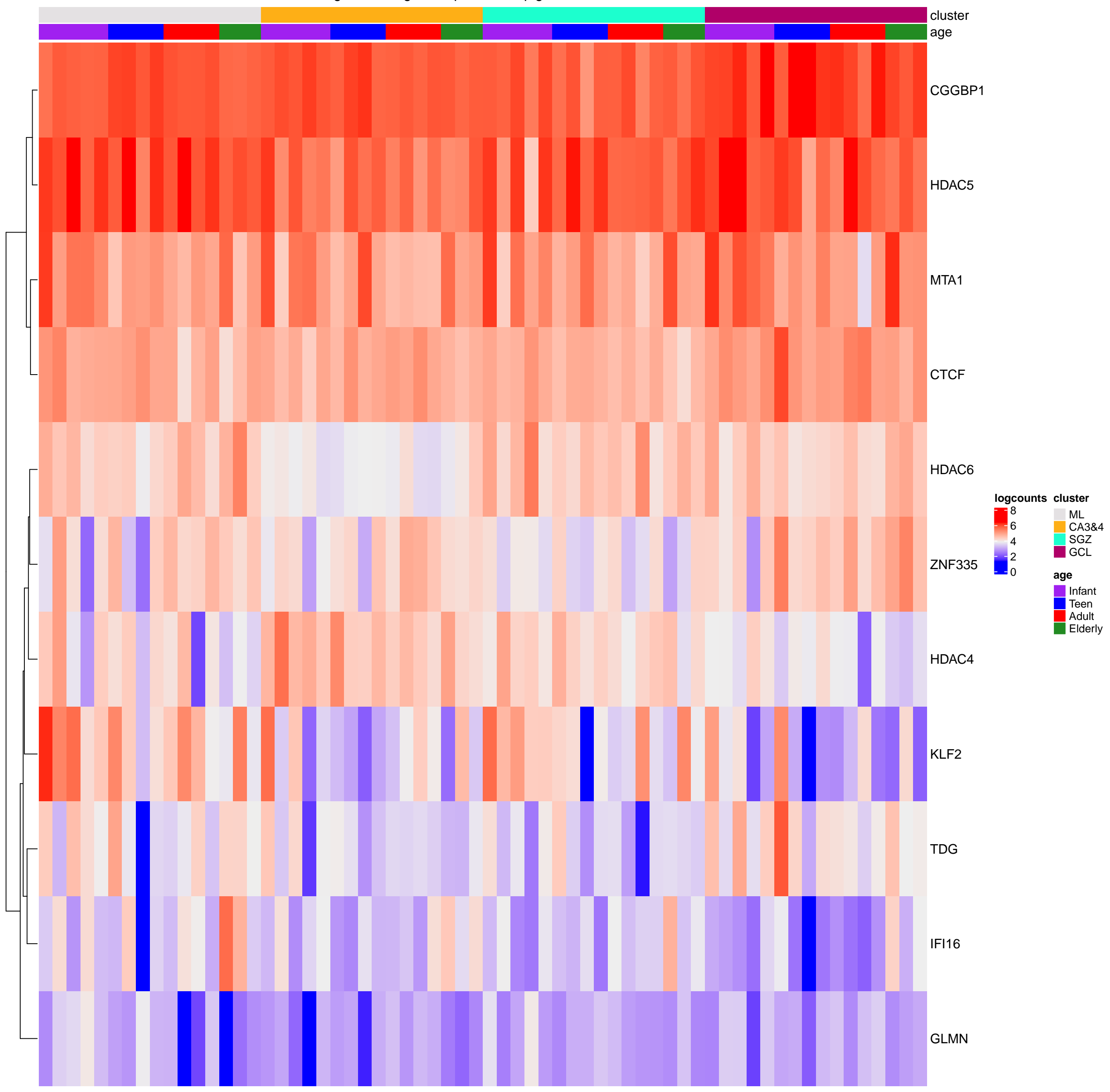




viral release from host cell.SYMBOL



regulation of gene expression, epigenetic.SYMBOL



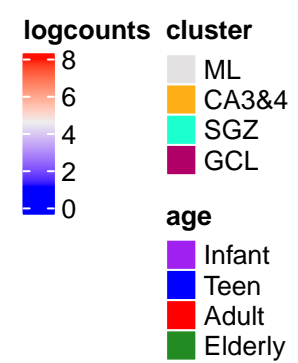
cellular response to molecule of bacterial origin.SYMBOL

cluster

age

SIRT2

CD14



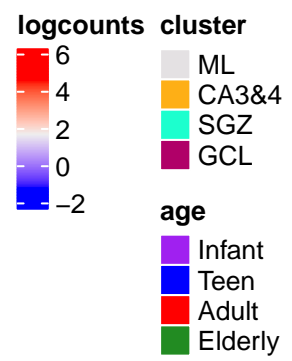
negative regulation of cell activation.SYMBOL

cluster

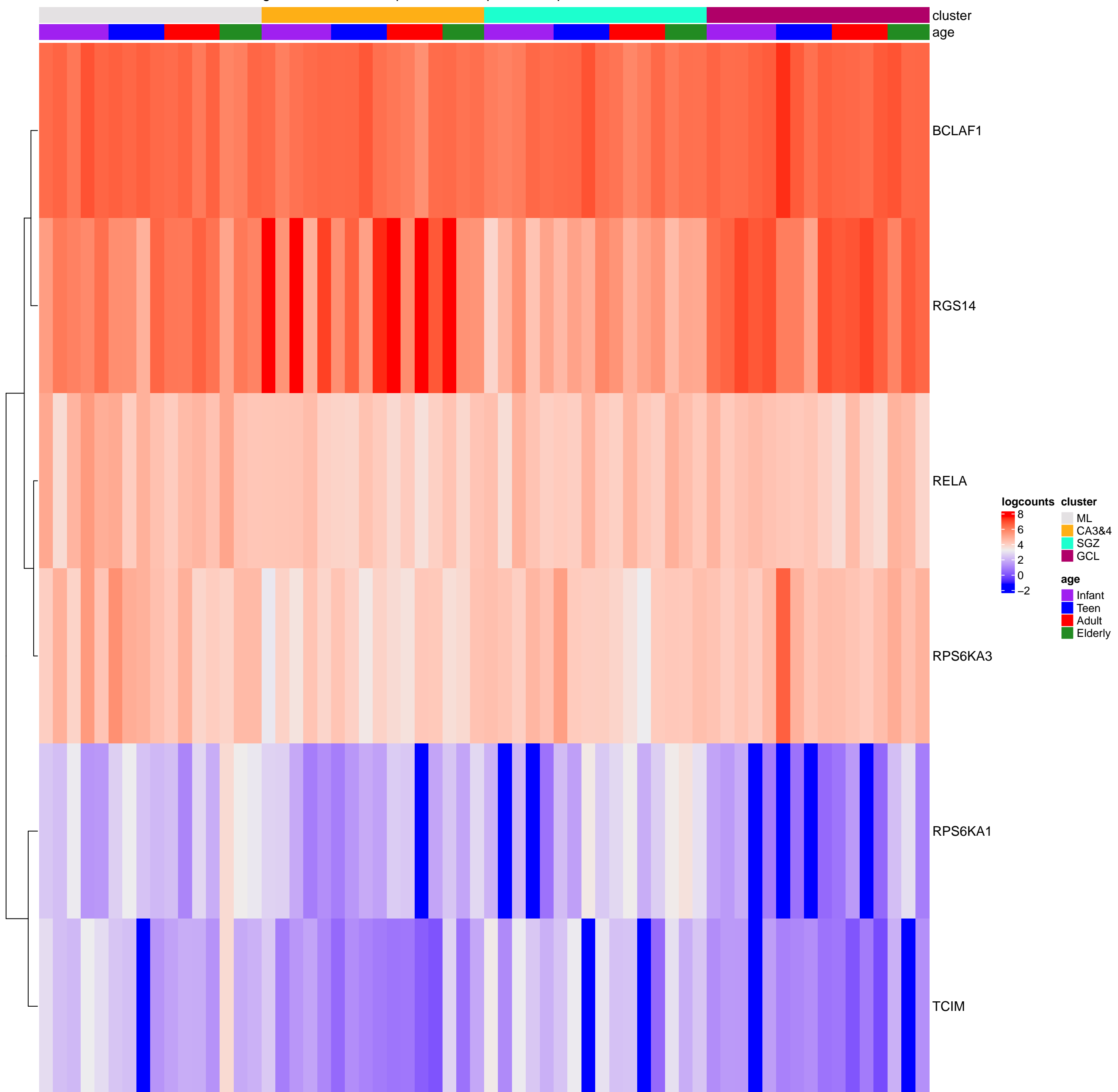
age

TREM2

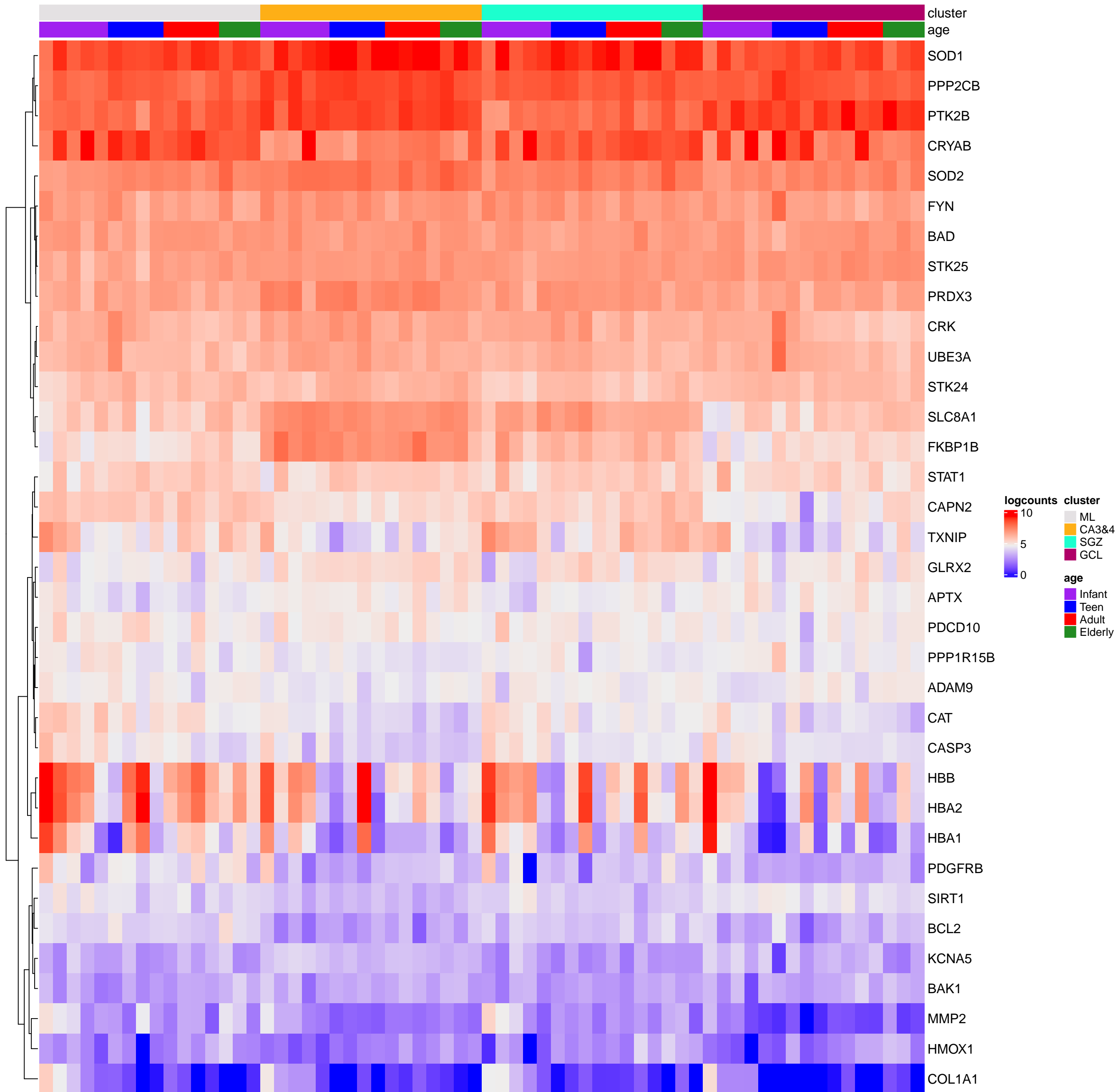
EMILIN1



regulation of DNA-templated transcription in response to stress.SYMBOL



response to hydrogen peroxide.SYMBOL



endoderm formation.SYMBOL

cluster

age

DUSP1

SMAD2

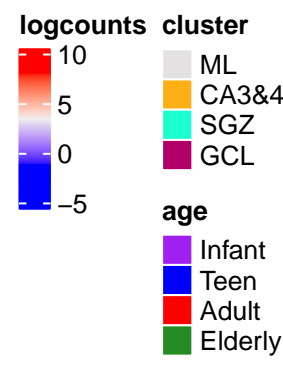
DUSP4

NOG

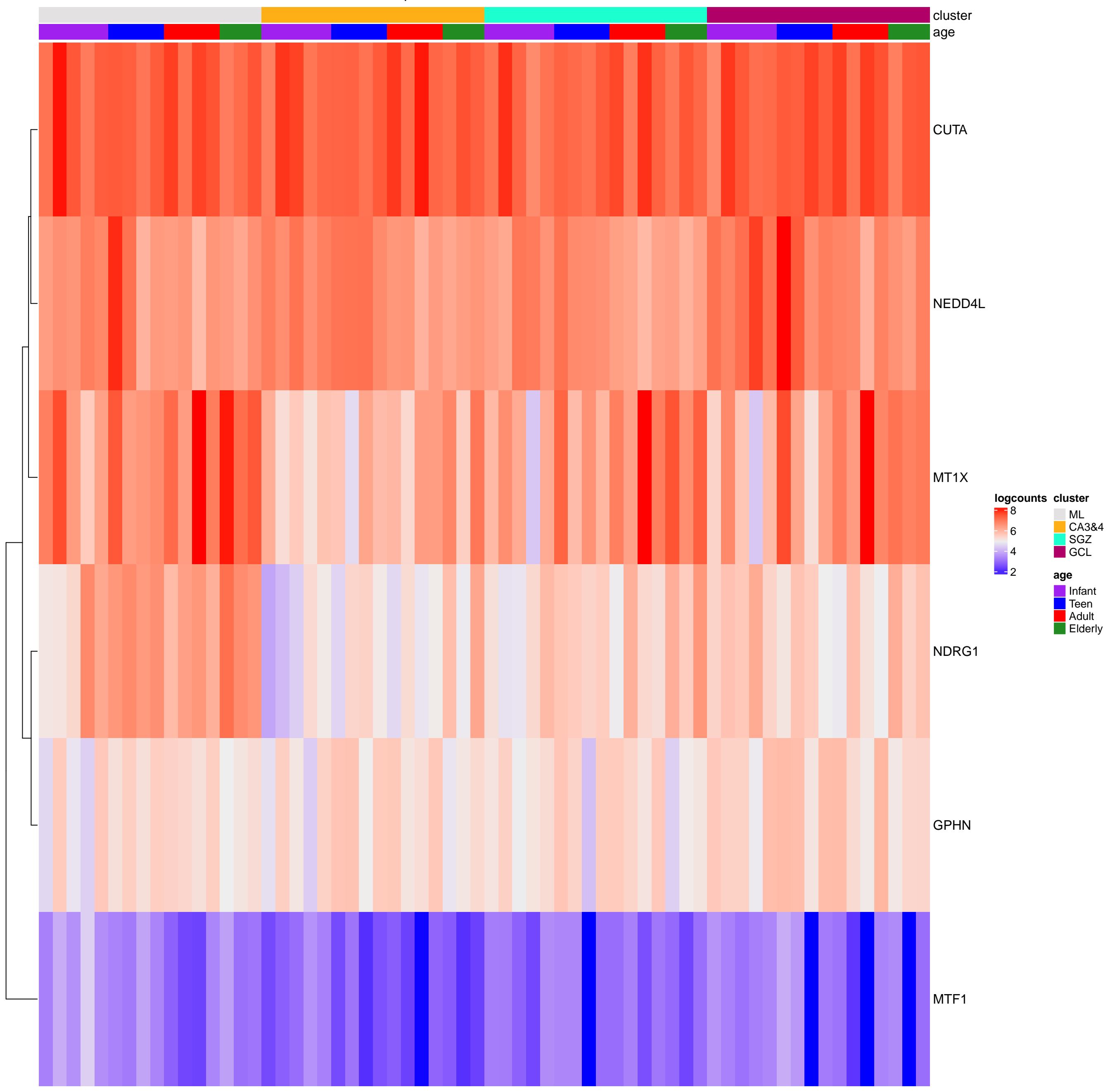
DUSP5

DUSP2

SOX7

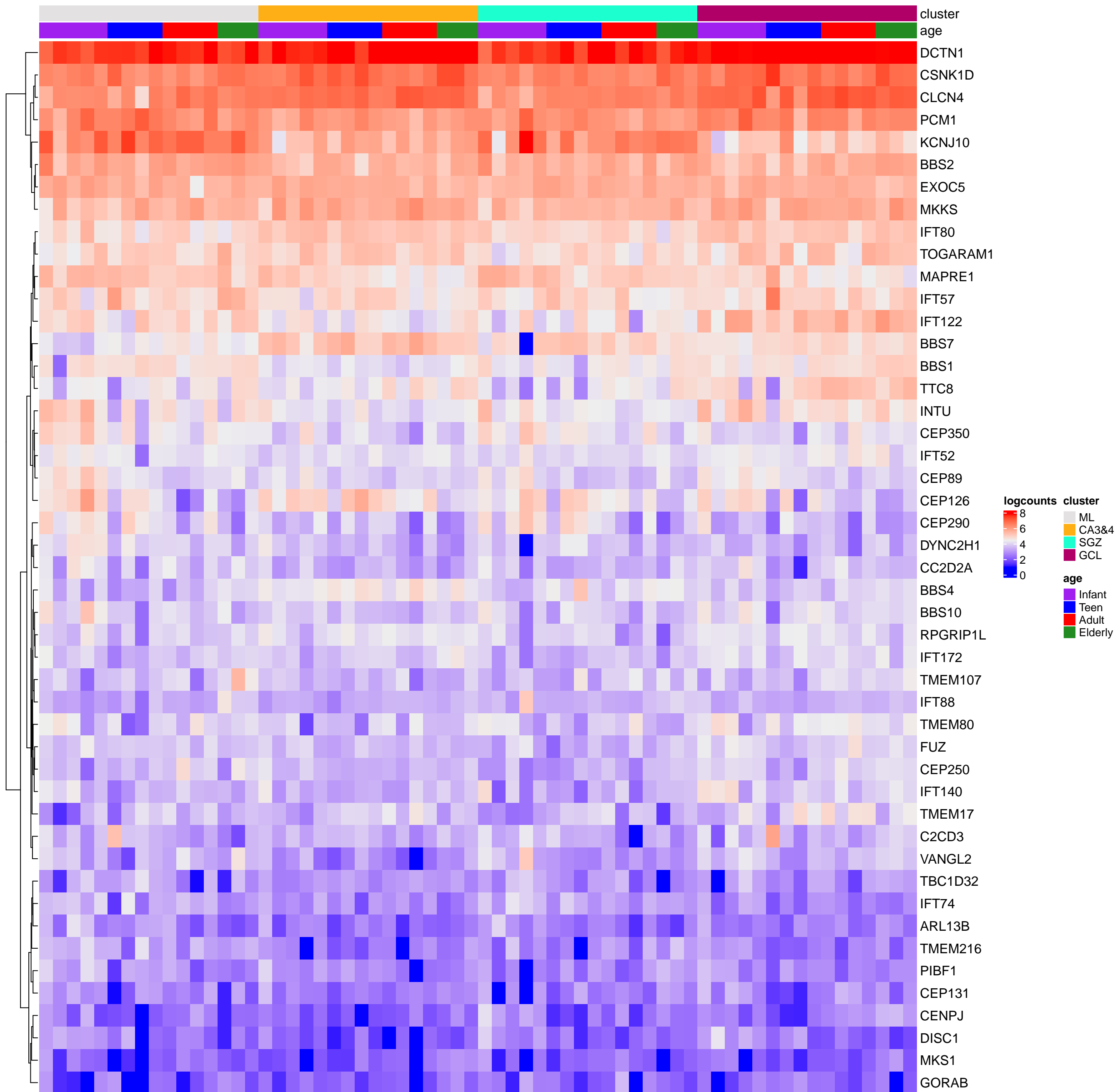


response to metal ion.SYMBOL

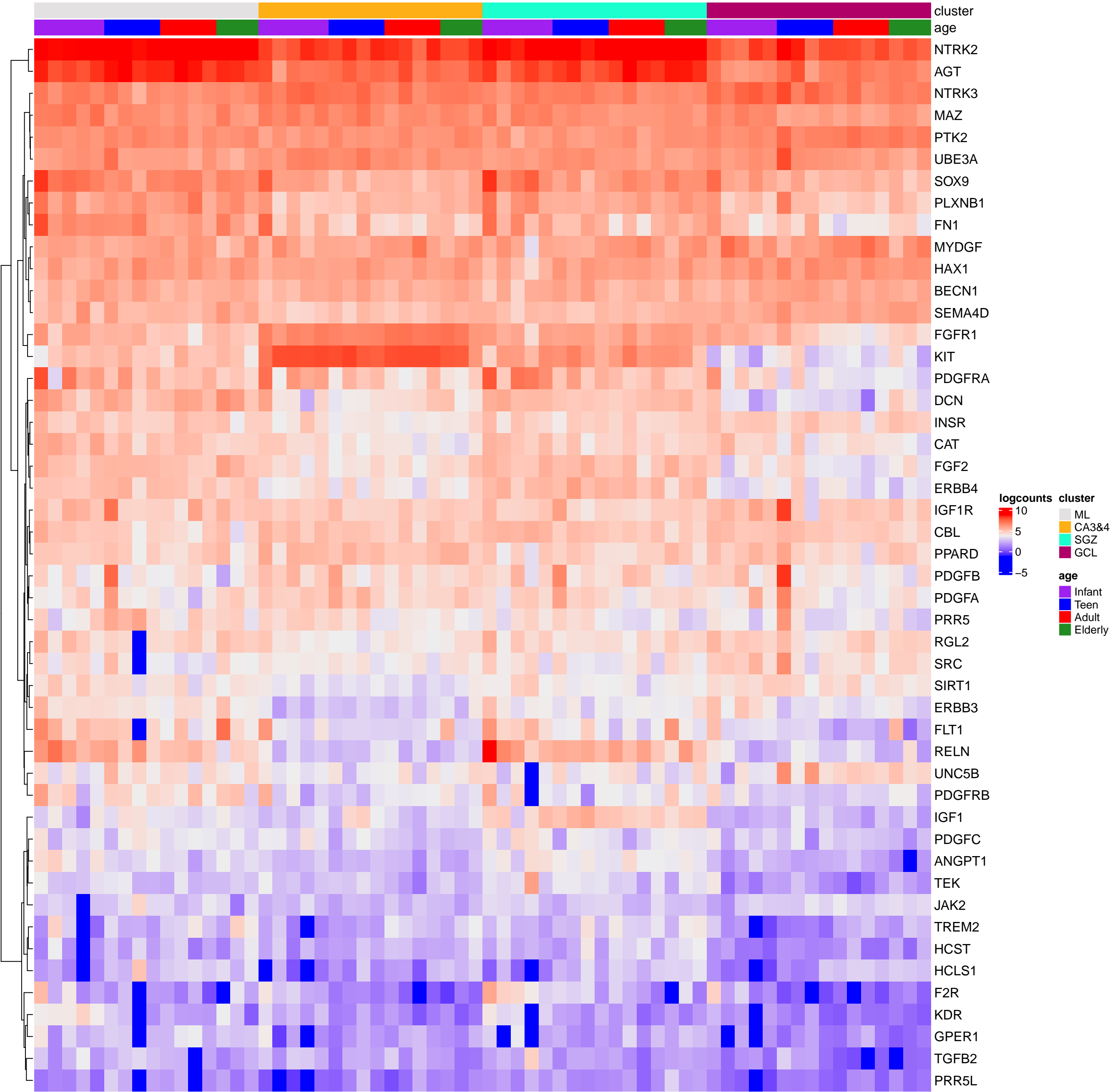




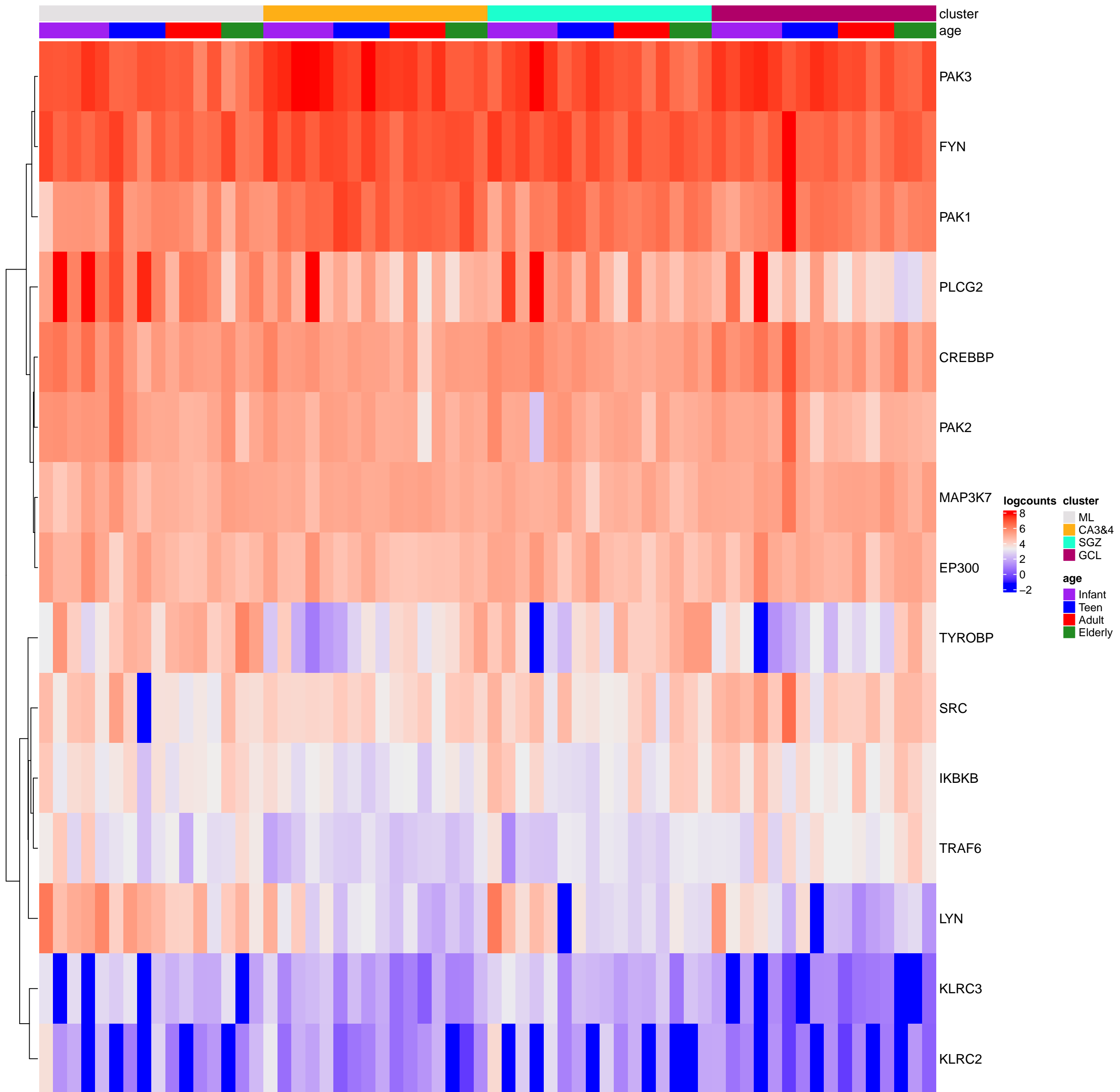
## non-motile cilium assembly.SYMBOL



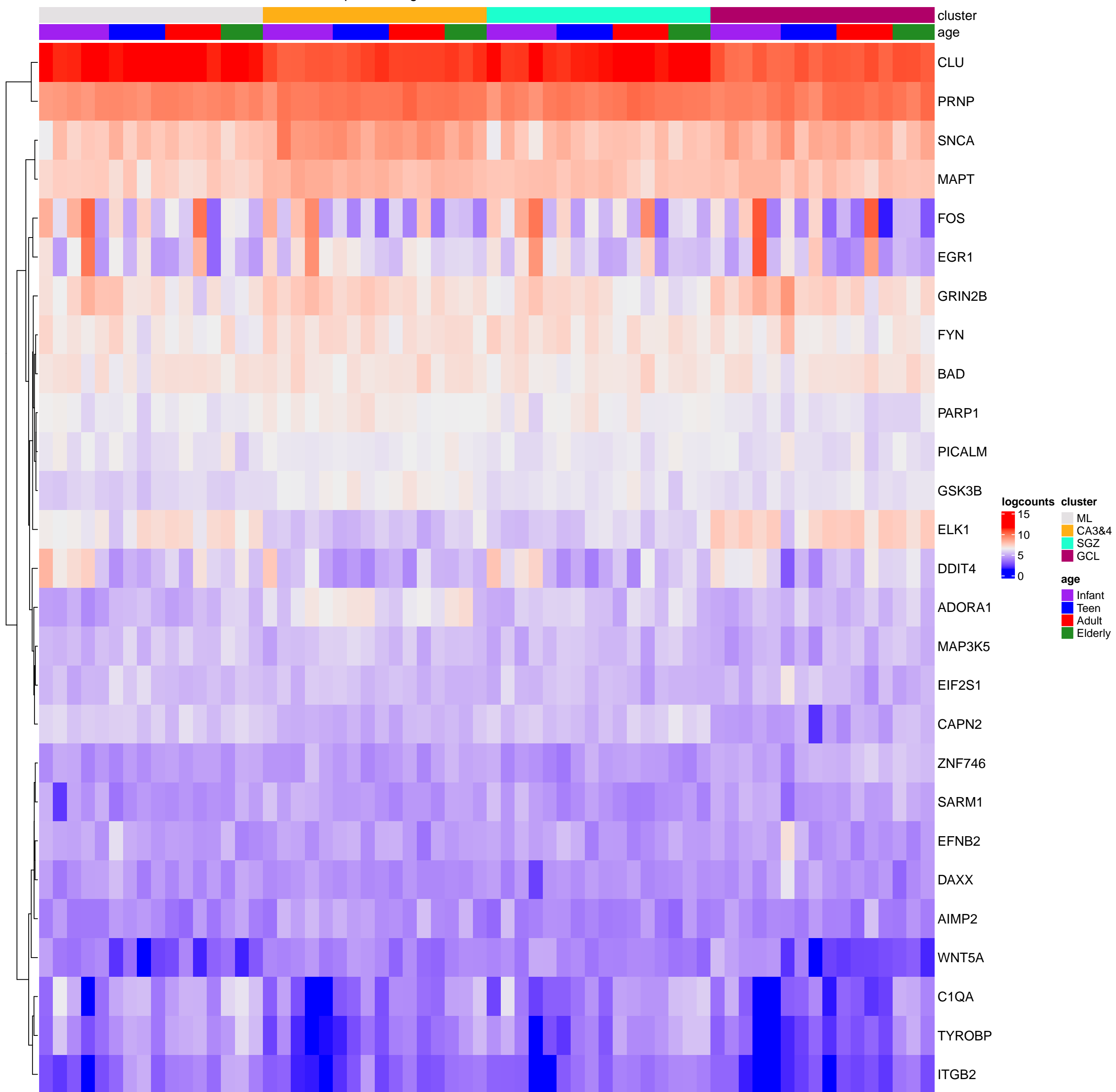
positive regulation of phosphatidylinositol 3-kinase signaling.SYMBOL



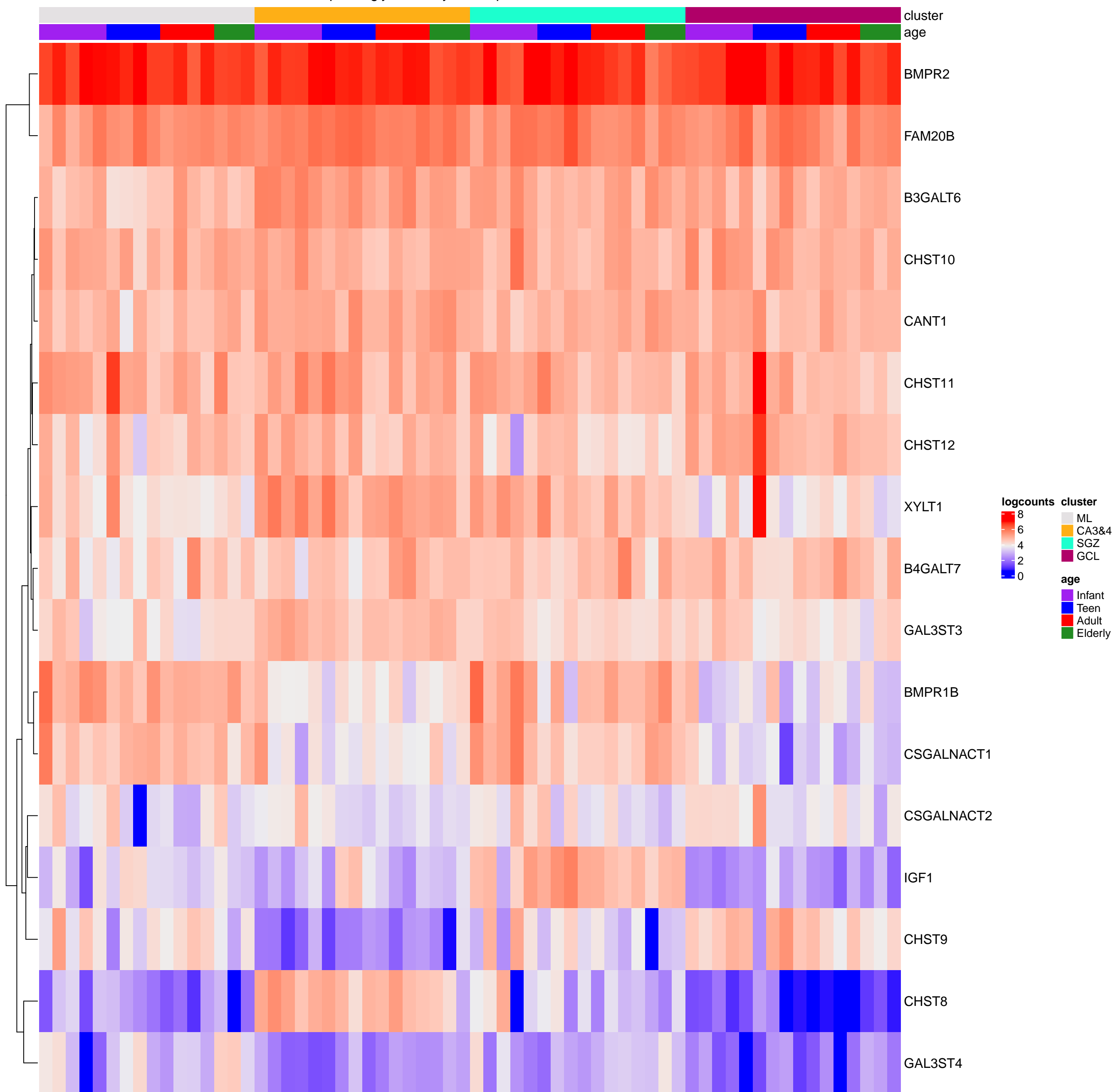
stimulatory C-type lectin receptor signaling pathway.SYMBOL



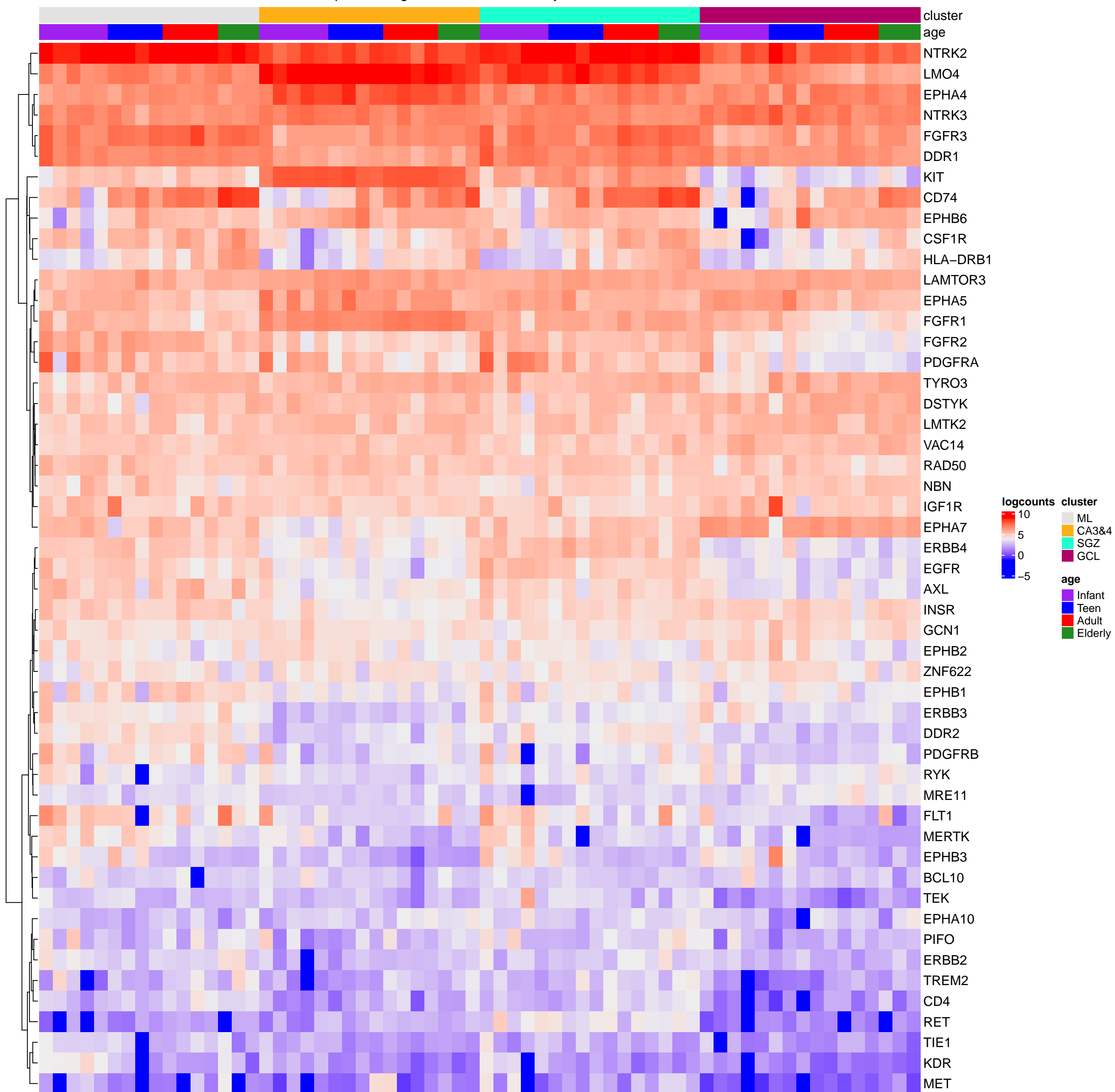
positive regulation of neuron death.SYMBOL



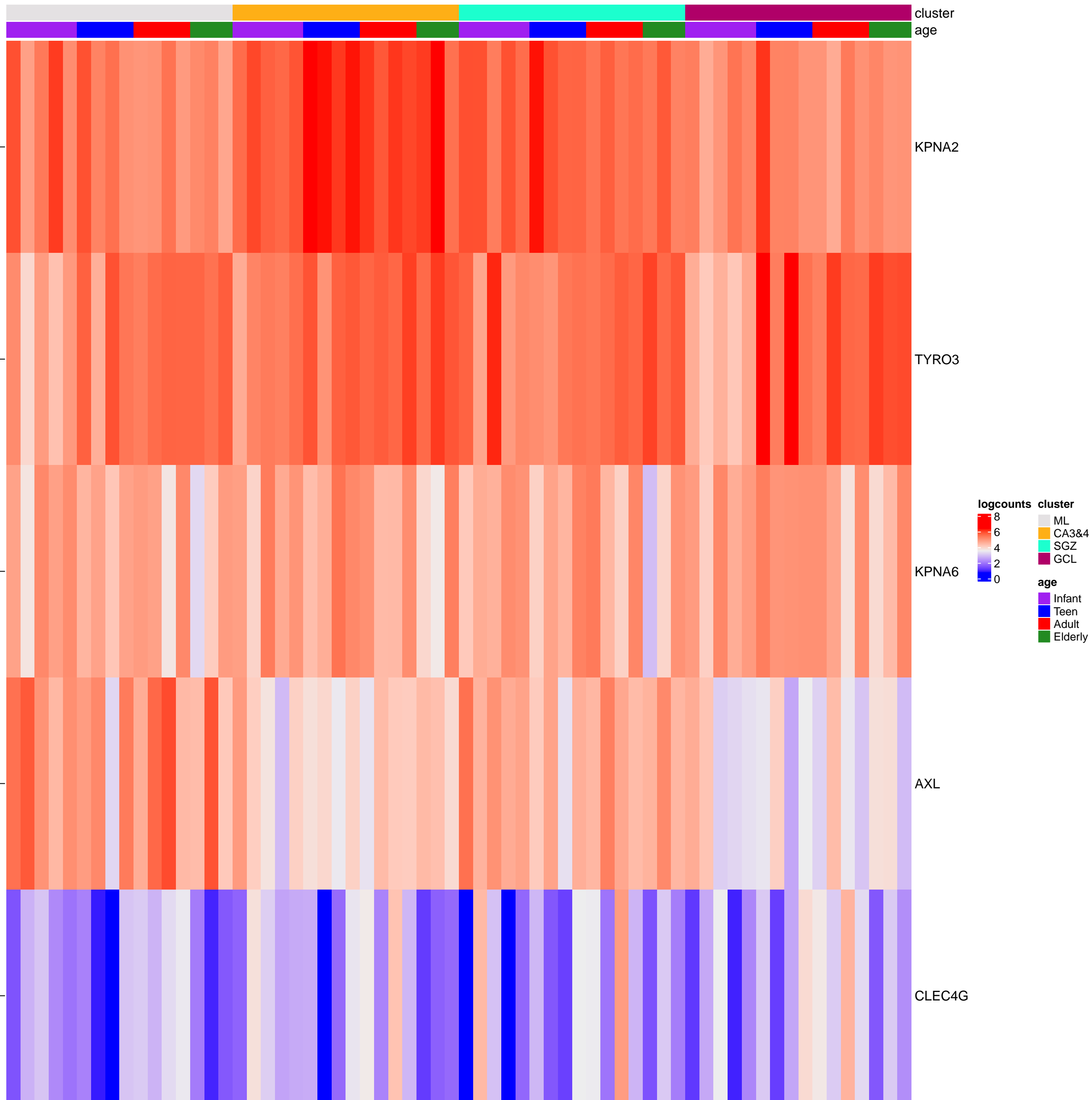
proteoglycan biosynthetic process.SYMBOL

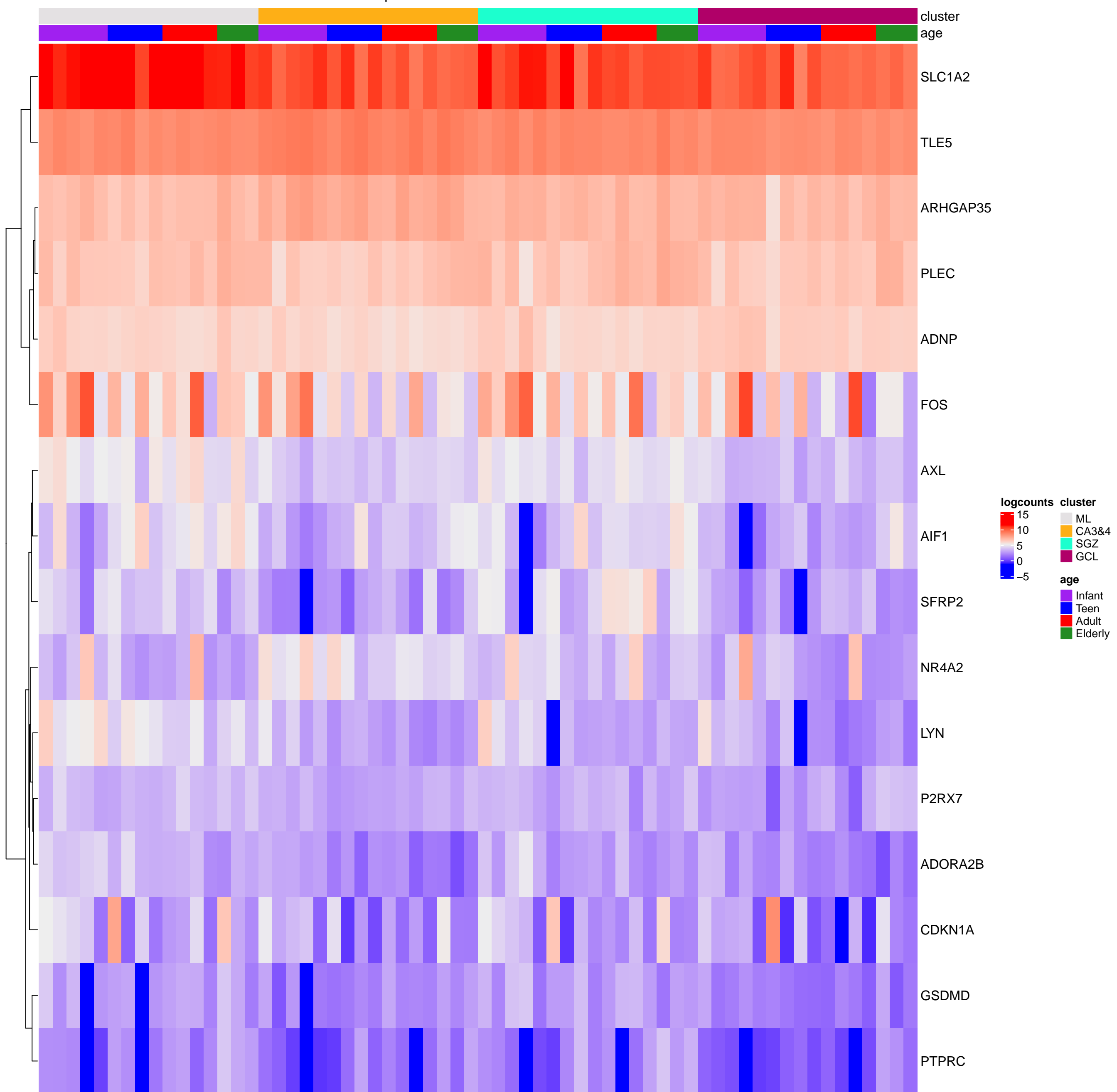


## positive regulation of kinase activity.SYMBOL



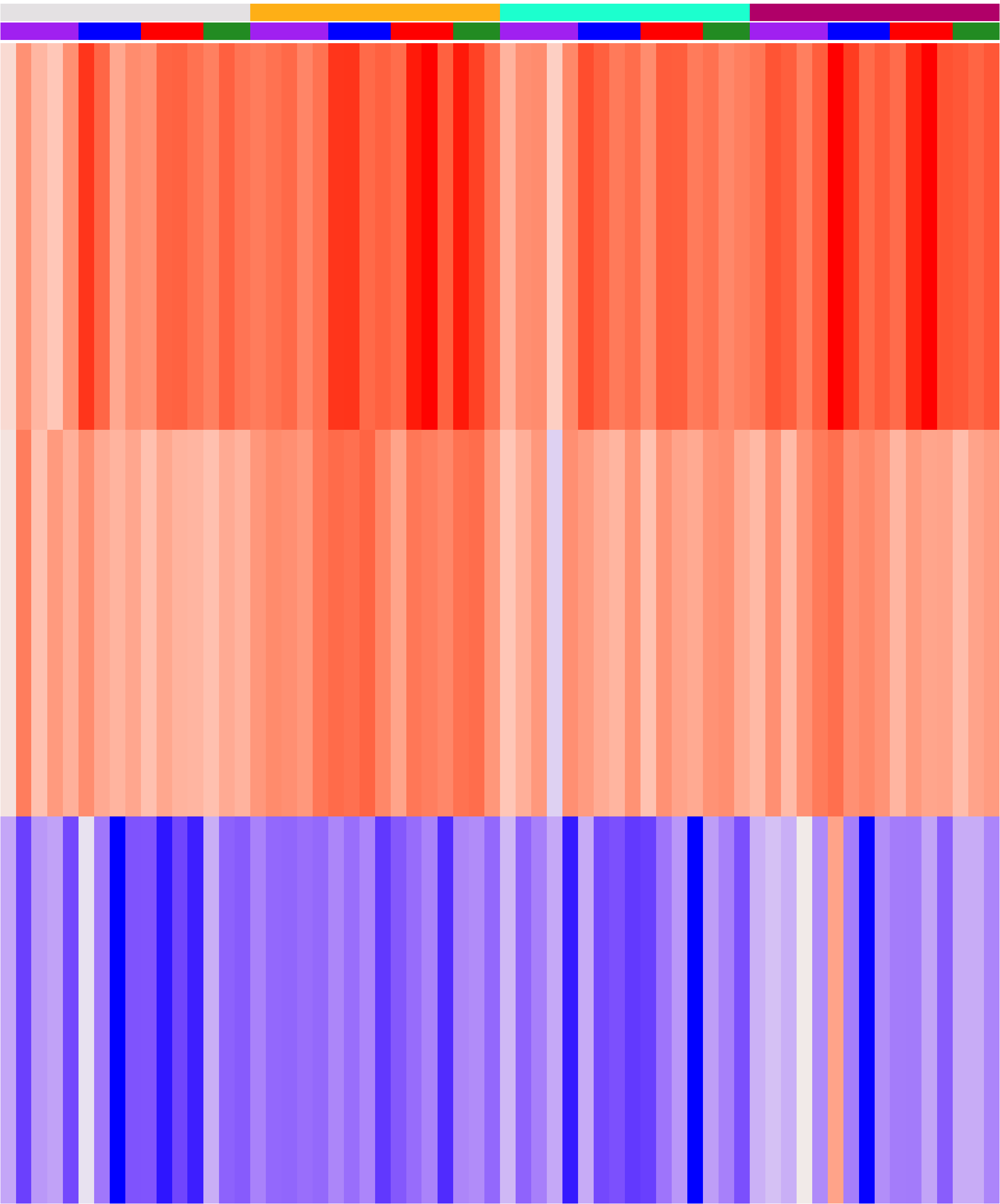
positive regulation of viral life cycle.SYMBOL







positive regulation of protein transport.SYMBOL

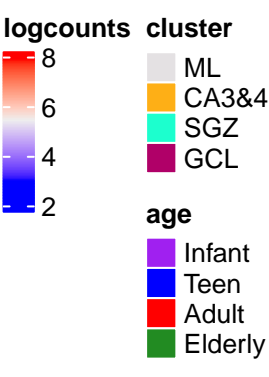


cluster  
age

PRKCZ

CHP1

SRC



carbohydrate catabolic process.SYMBOL

cluster

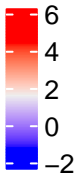
age

DERA

NAGA

ENOSF1

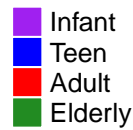
logcounts



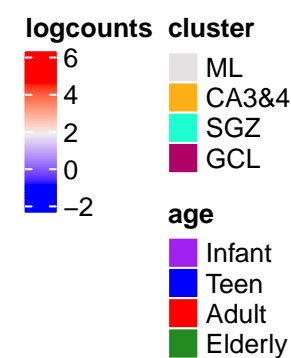
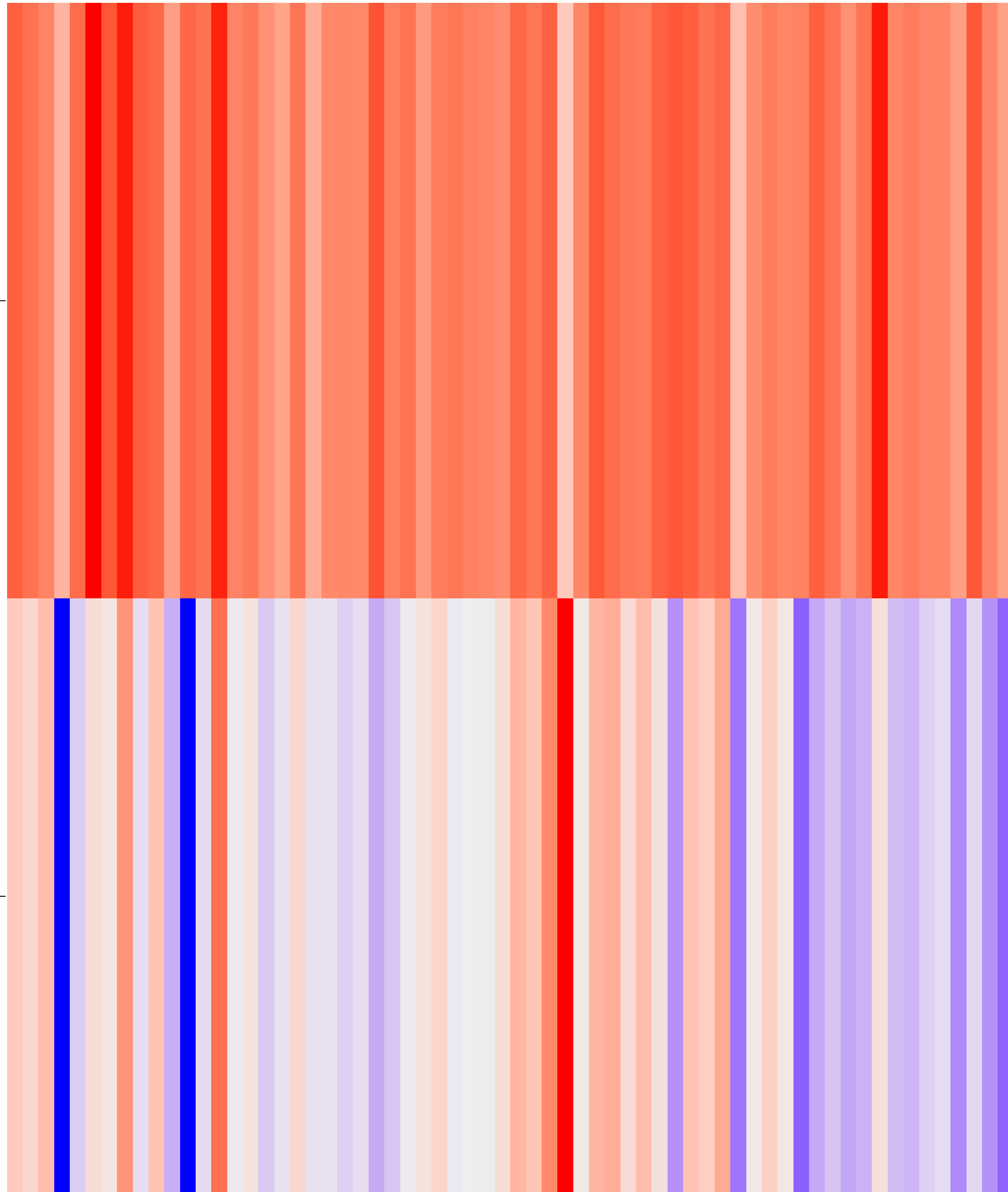
cluster



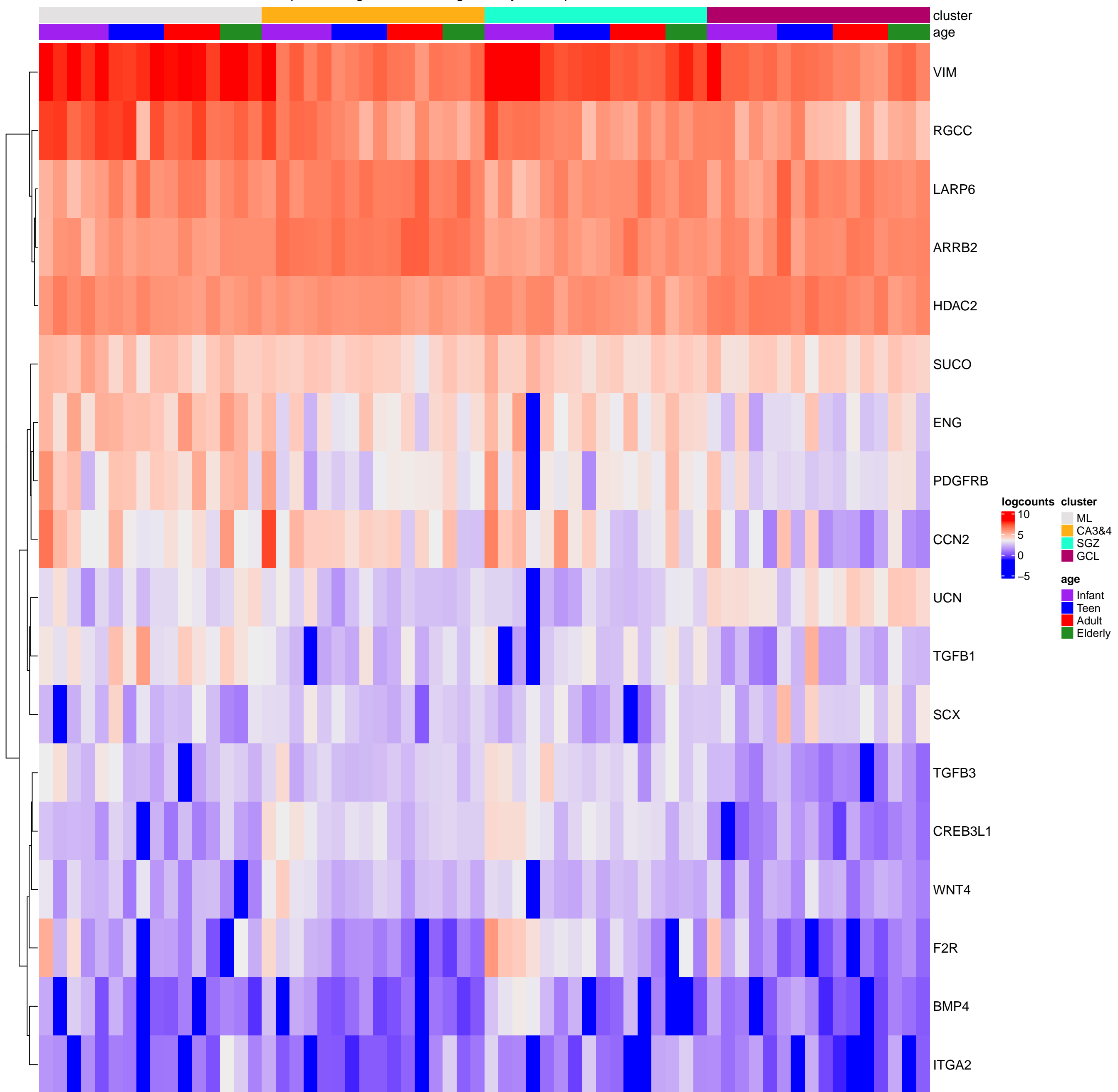
age



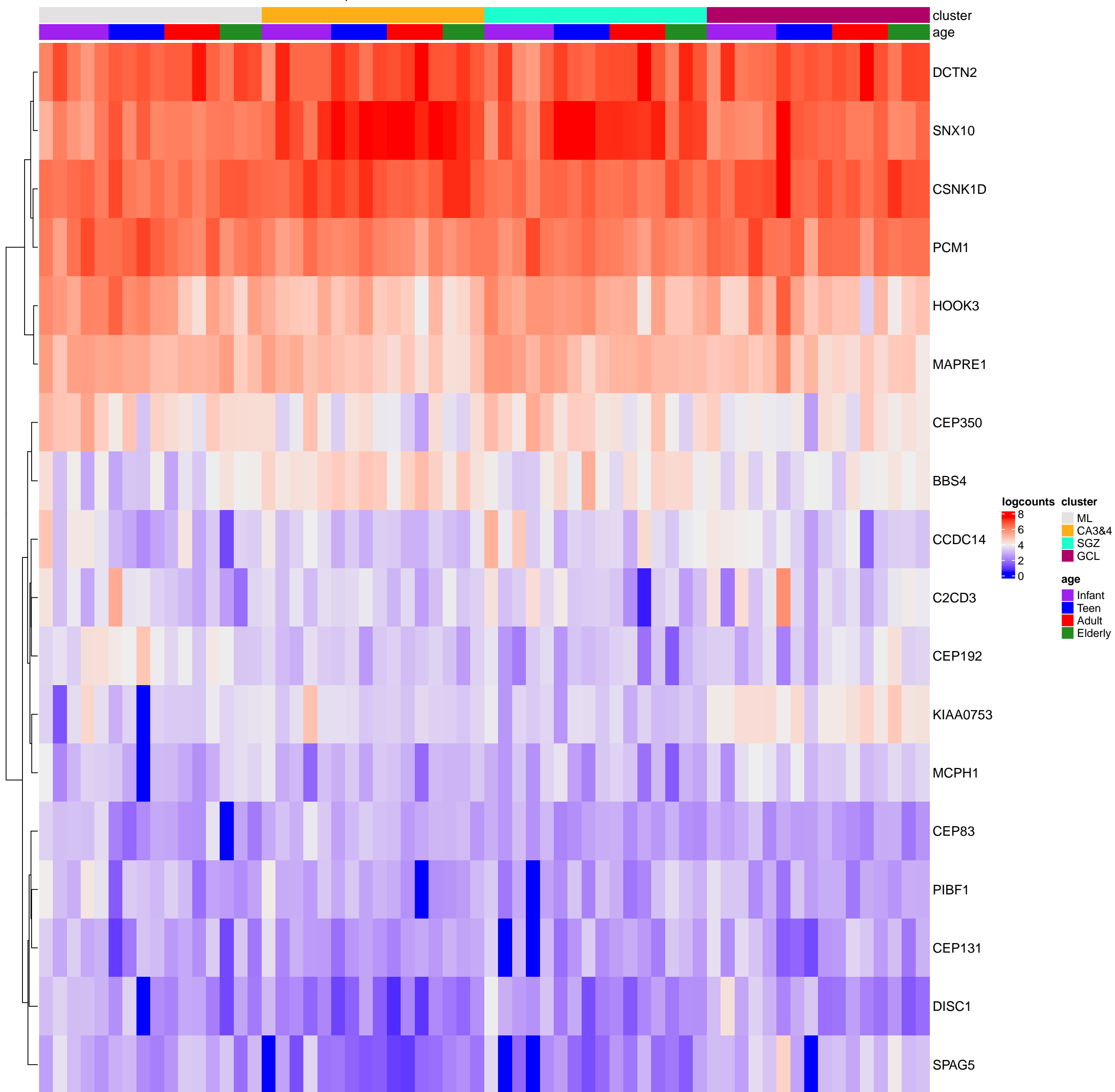
leukocyte activation involved in inflammatory response.SYMBOL



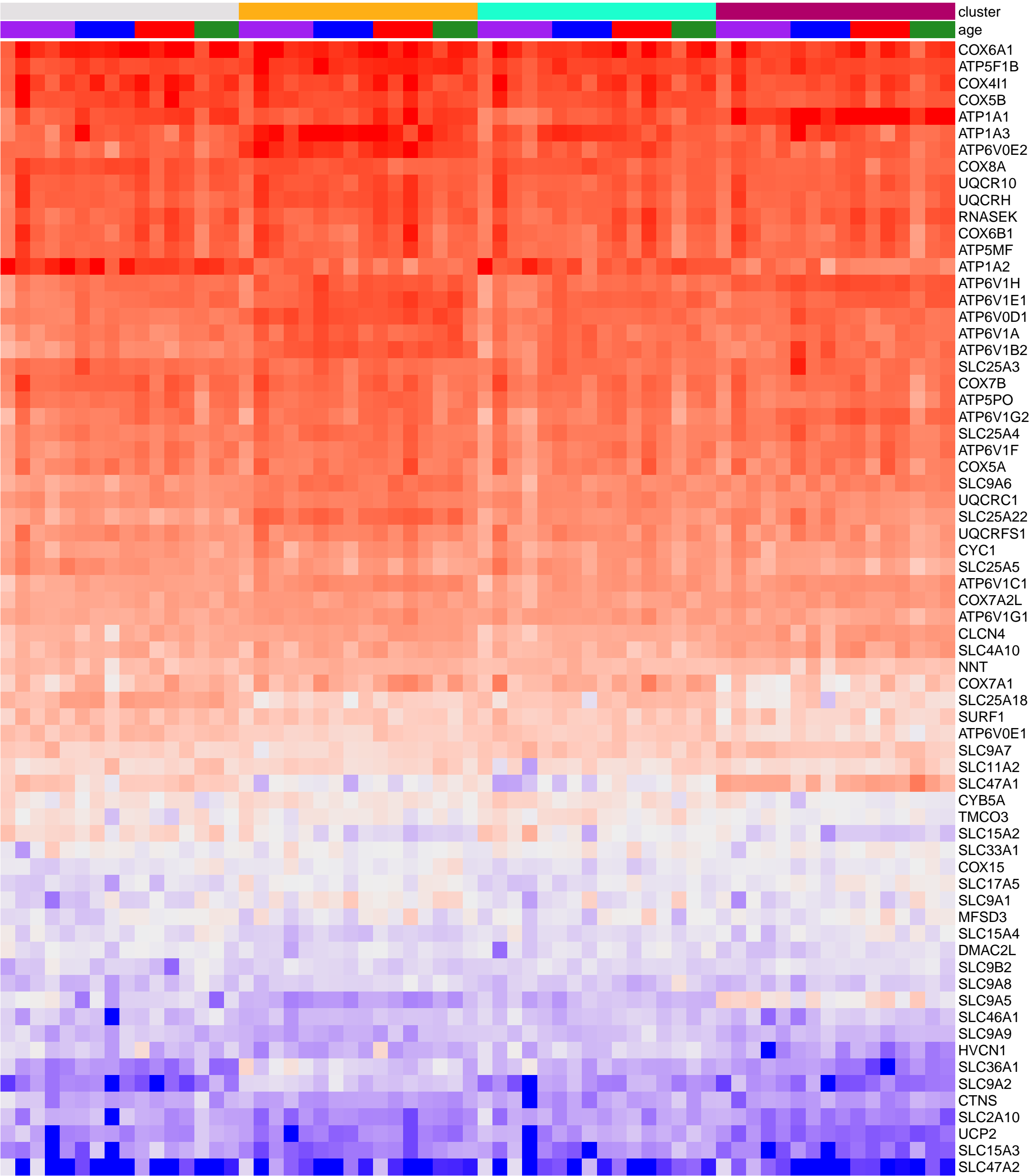
positive regulation of collagen biosynthetic process.SYMBOL



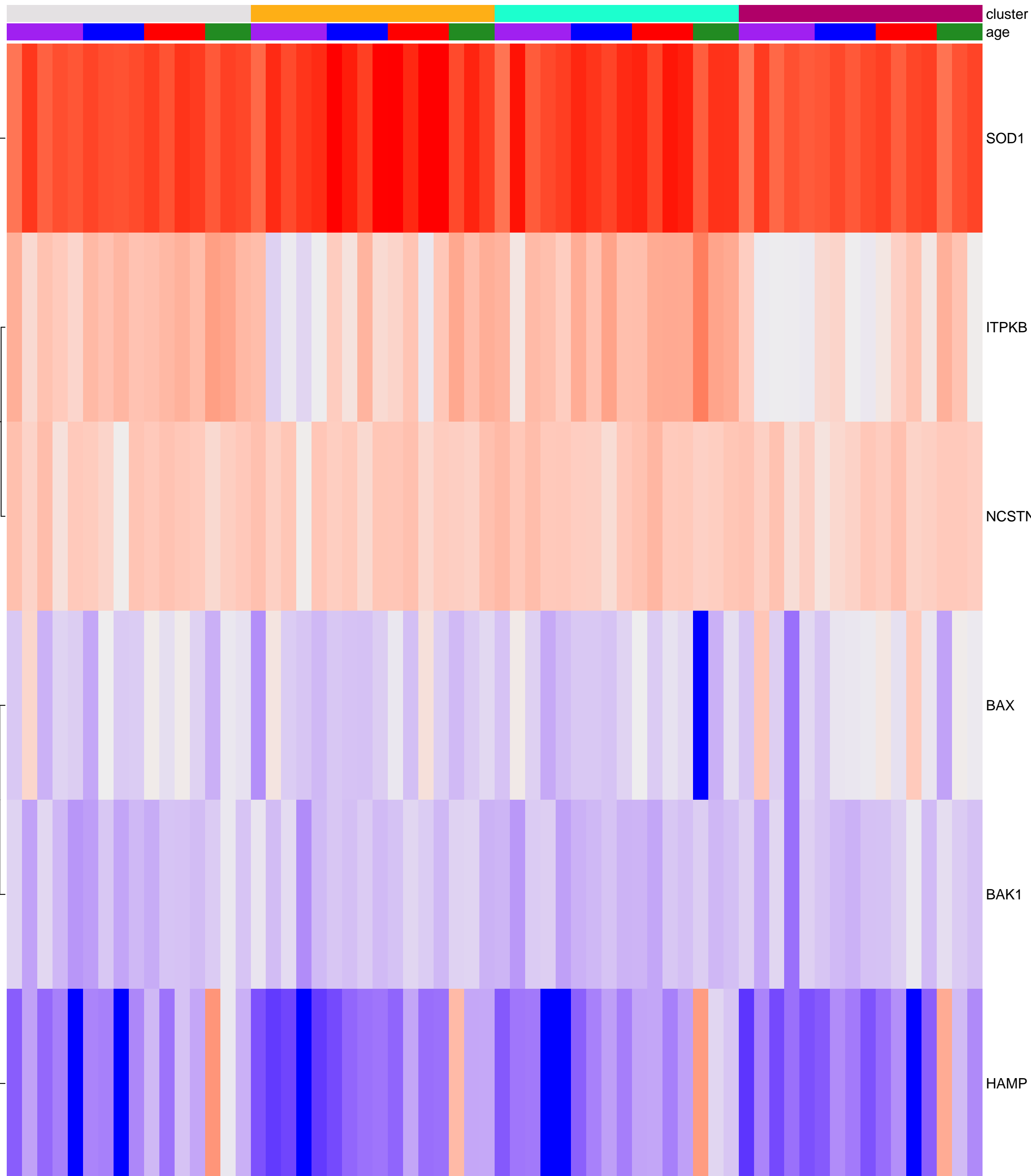
protein localization to centrosome.SYMBOL



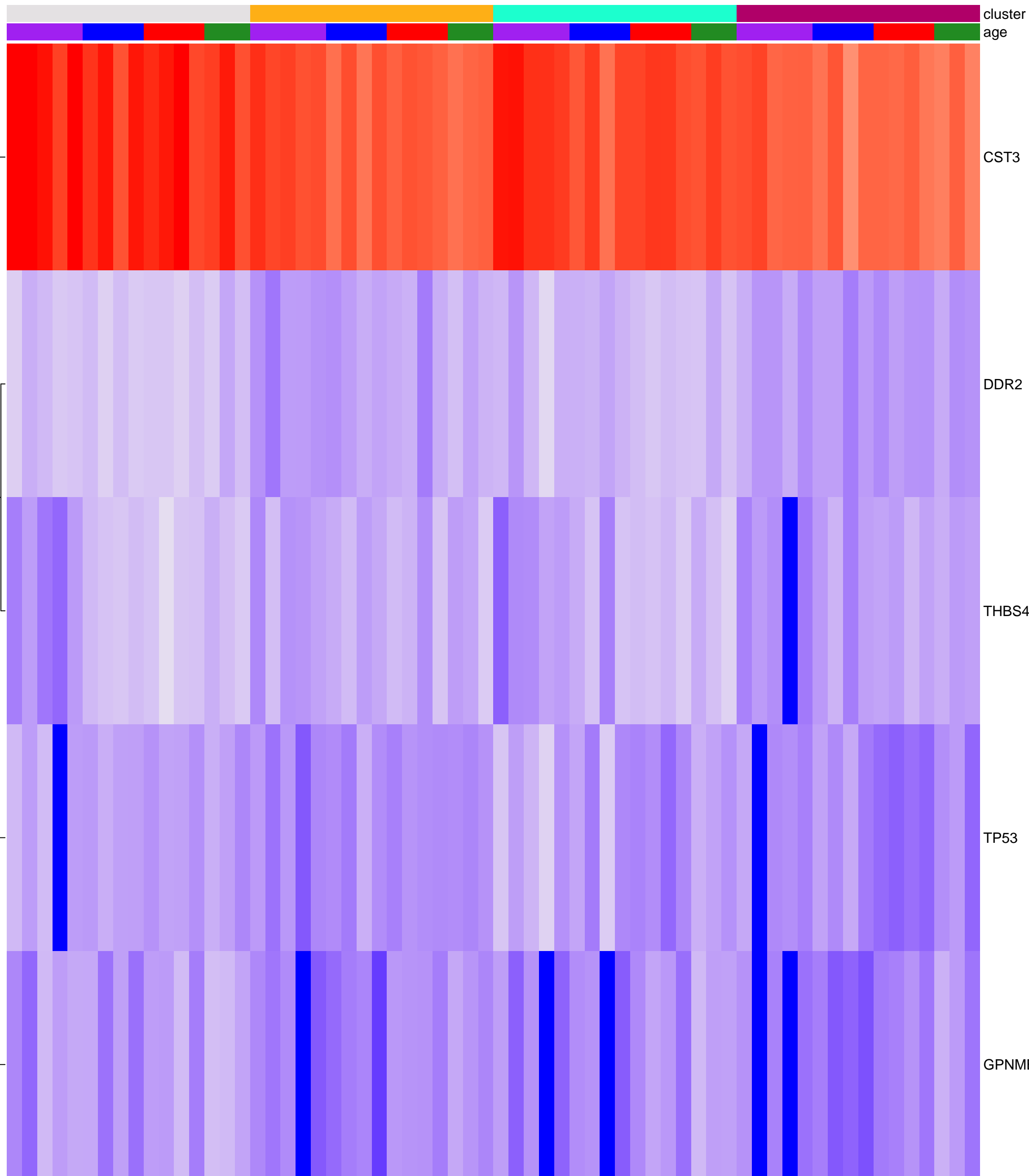
proton transmembrane transport.SYMBOL



myeloid cell homeostasis.SYMBOL

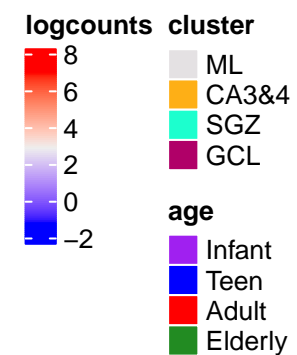
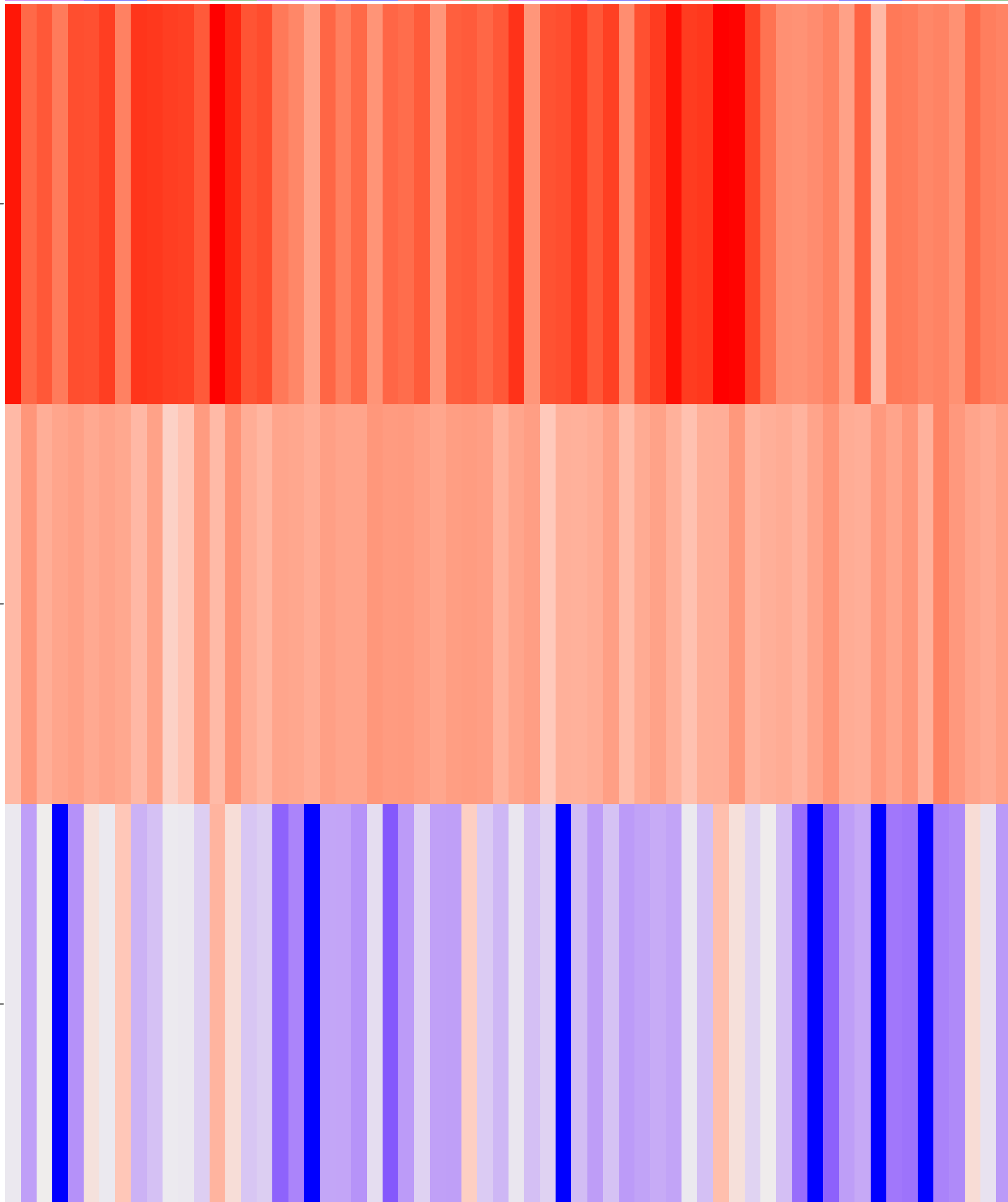


regulation of tissue remodeling.SYMBOL

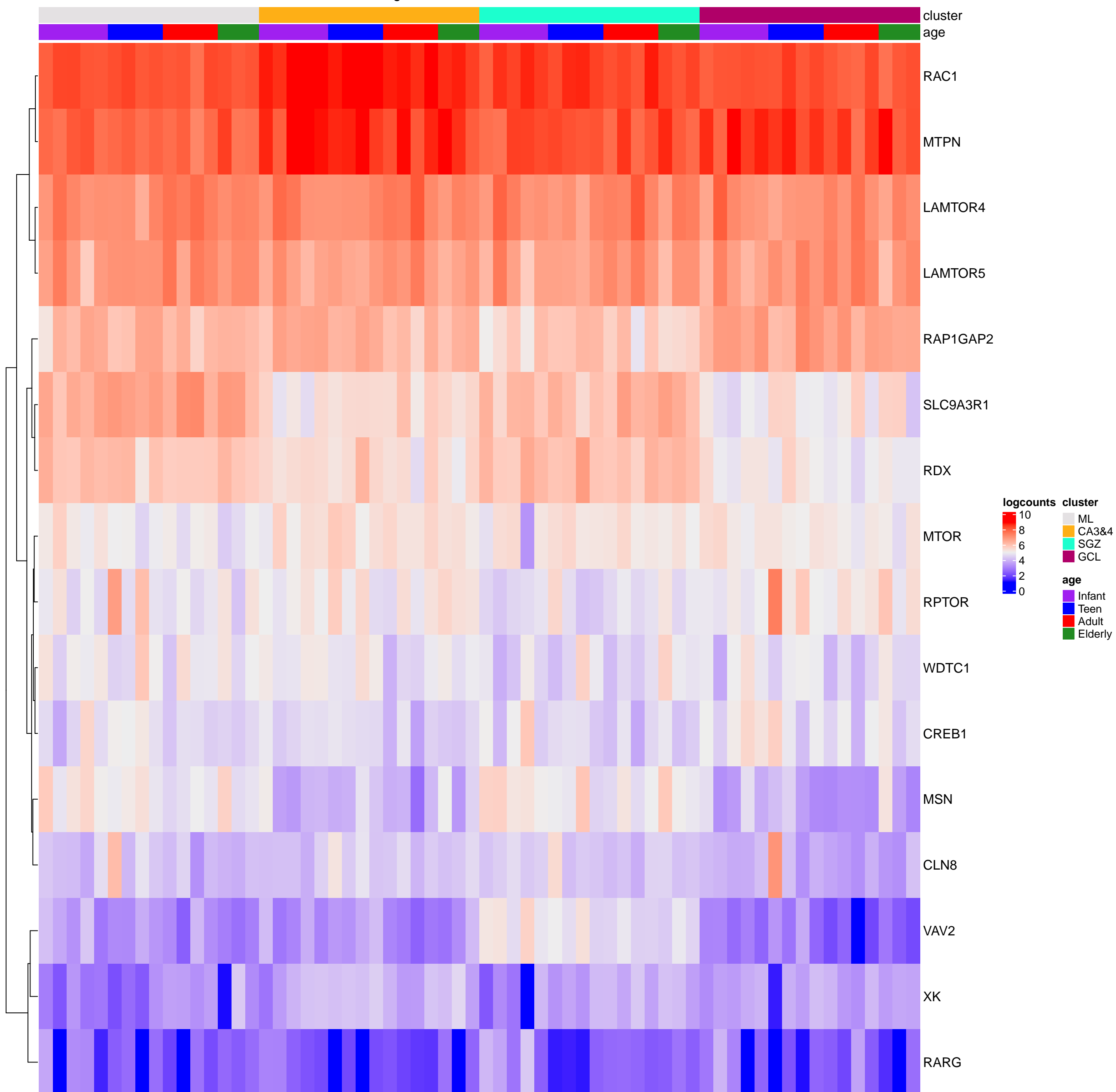




regulation of cytokine production involved in immune response.SYMBOL



## regulation of cell size.SYMBOL



cellular lipid catabolic process.SYMBOL

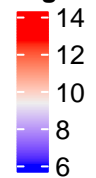
cluster

age

MT3

SIRT2

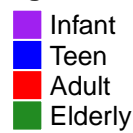
logcounts

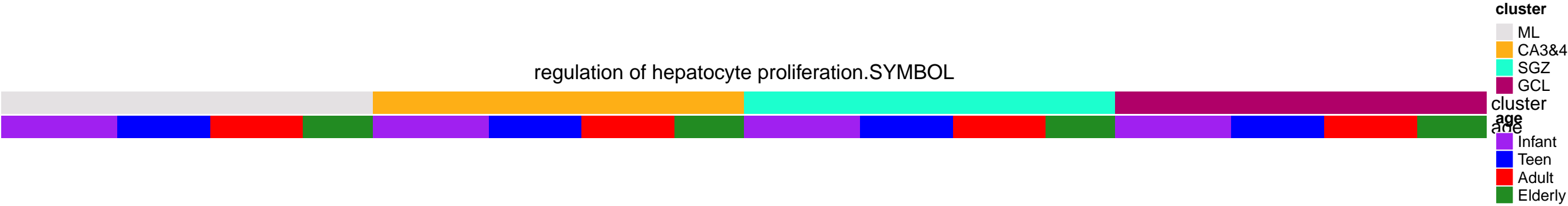


cluster

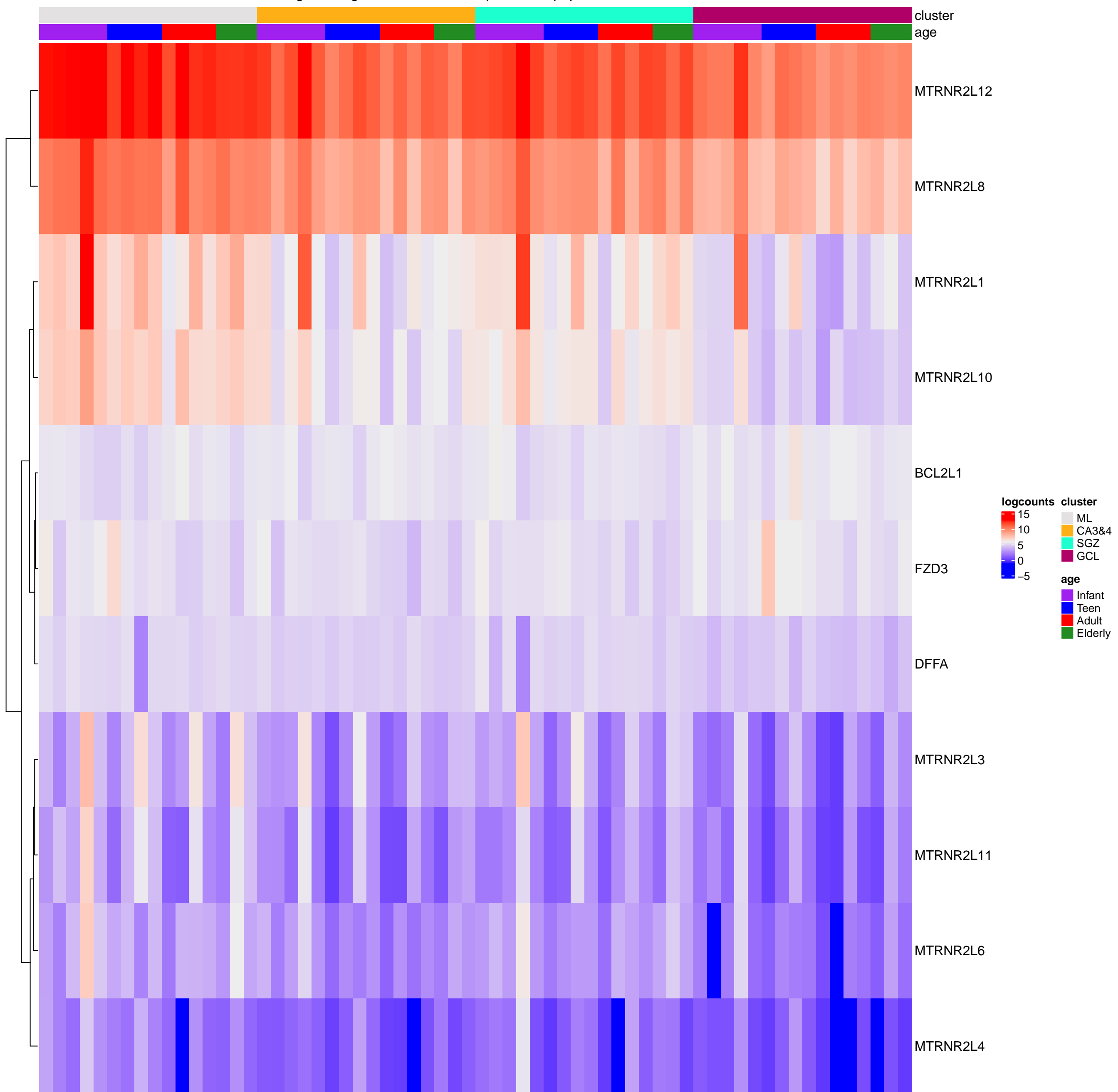


age

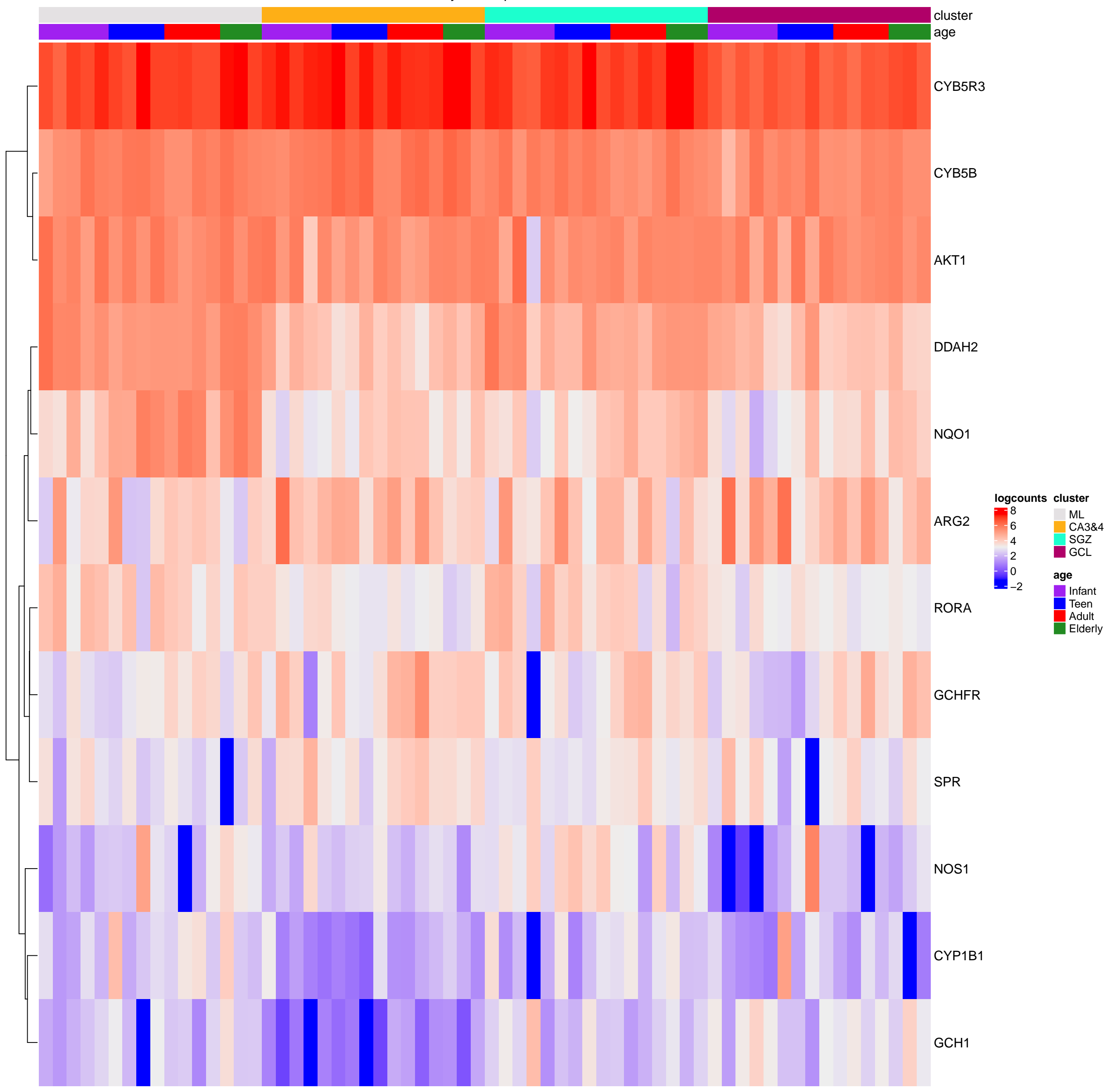




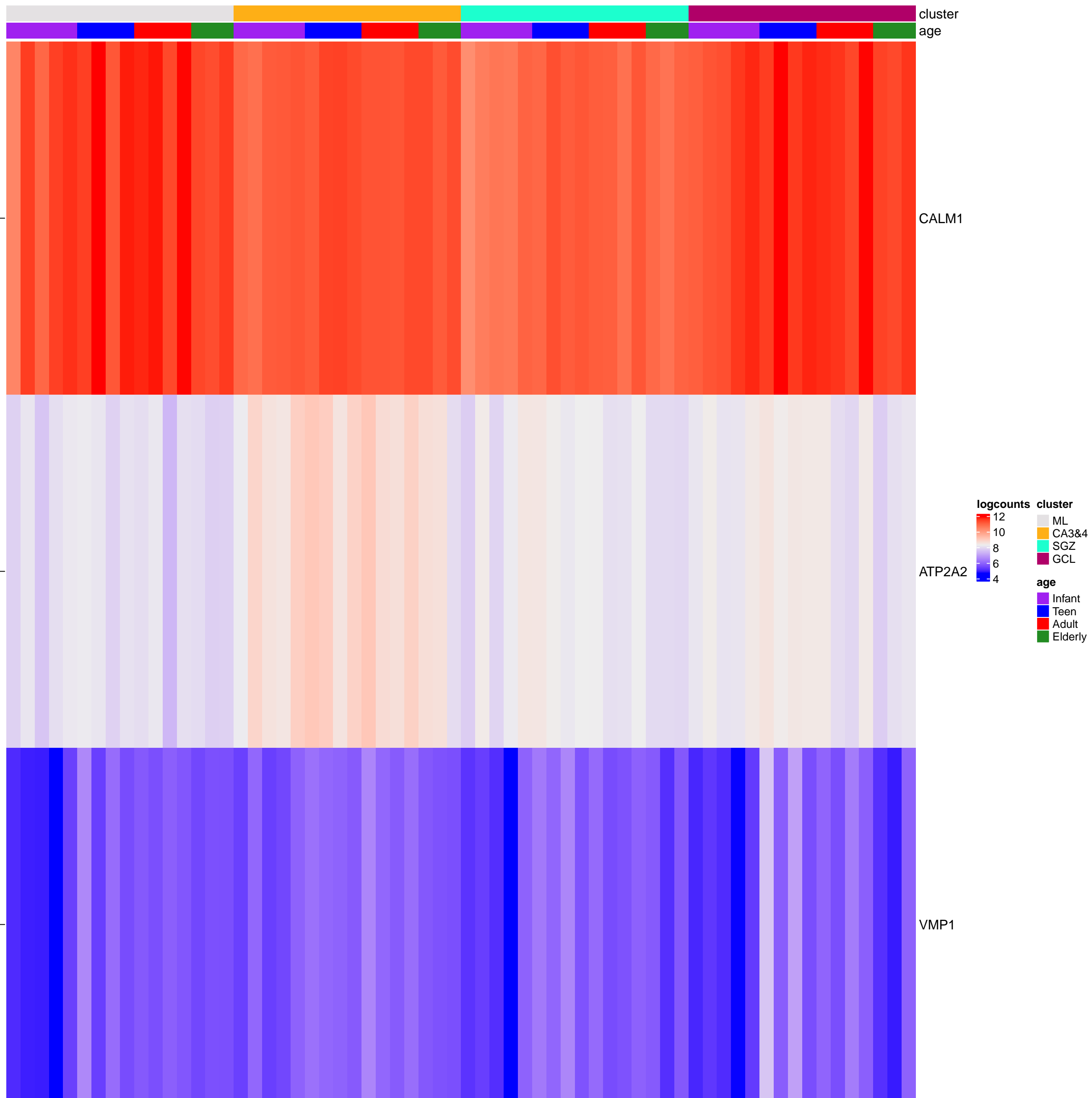
negative regulation of execution phase of apoptosis.SYMBOL



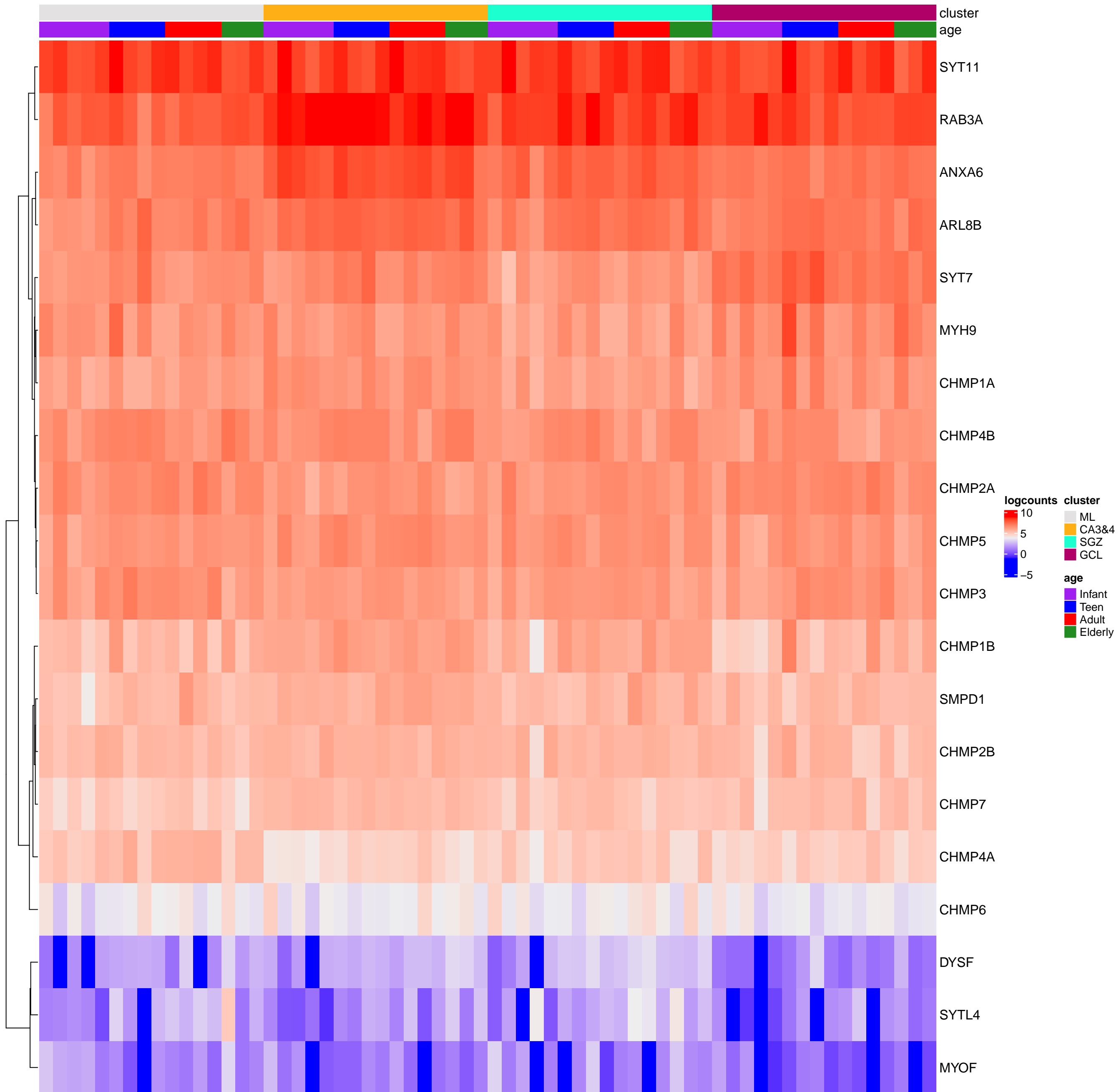
nitric oxide biosynthetic process.SYMBOL



organelle localization by membrane tethering.SYMBOL

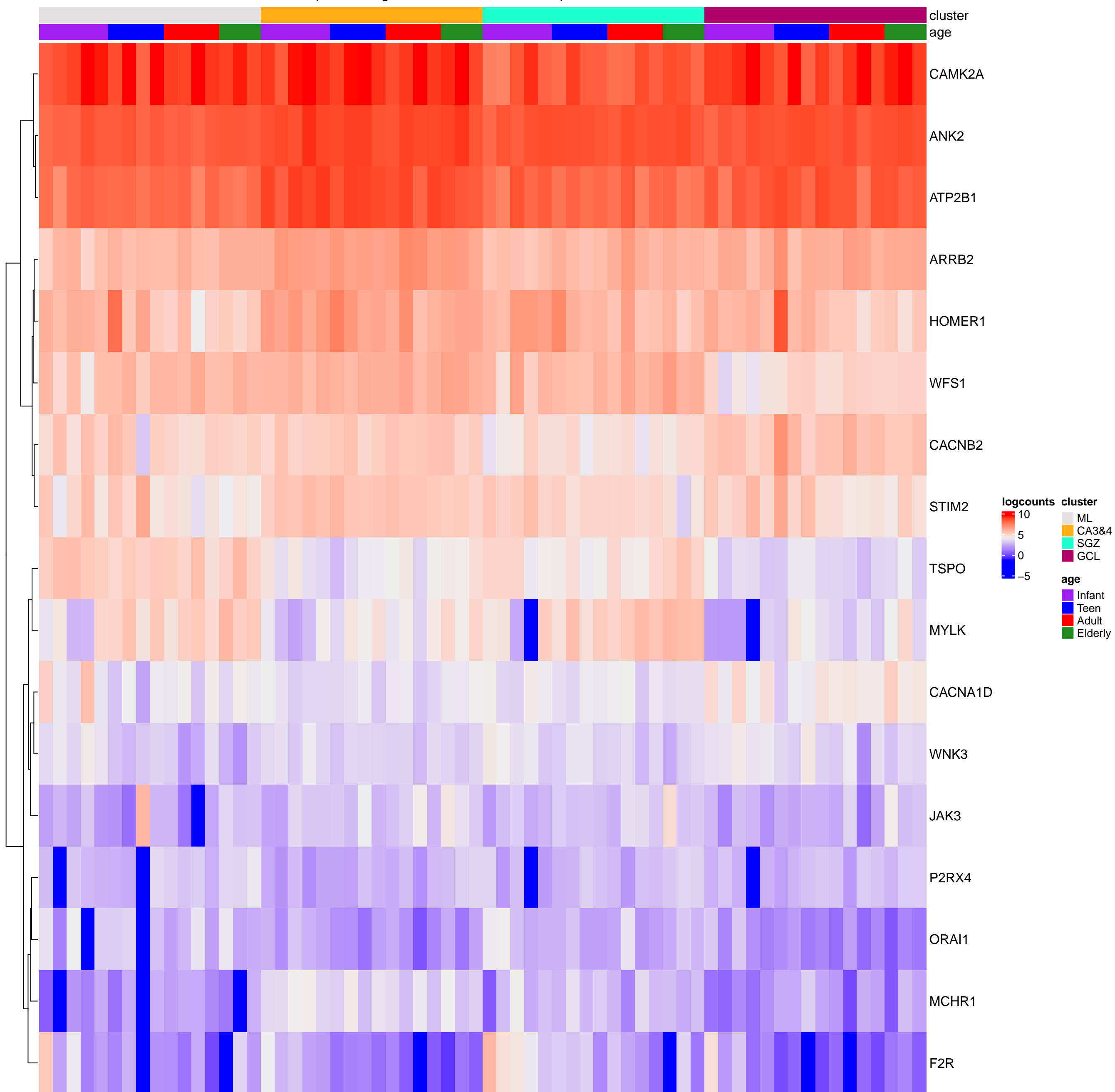


plasma membrane repair.SYMBOL





## positive regulation of calcium ion transport.SYMBOL



'de novo' post-translational protein folding.SYMBOL

