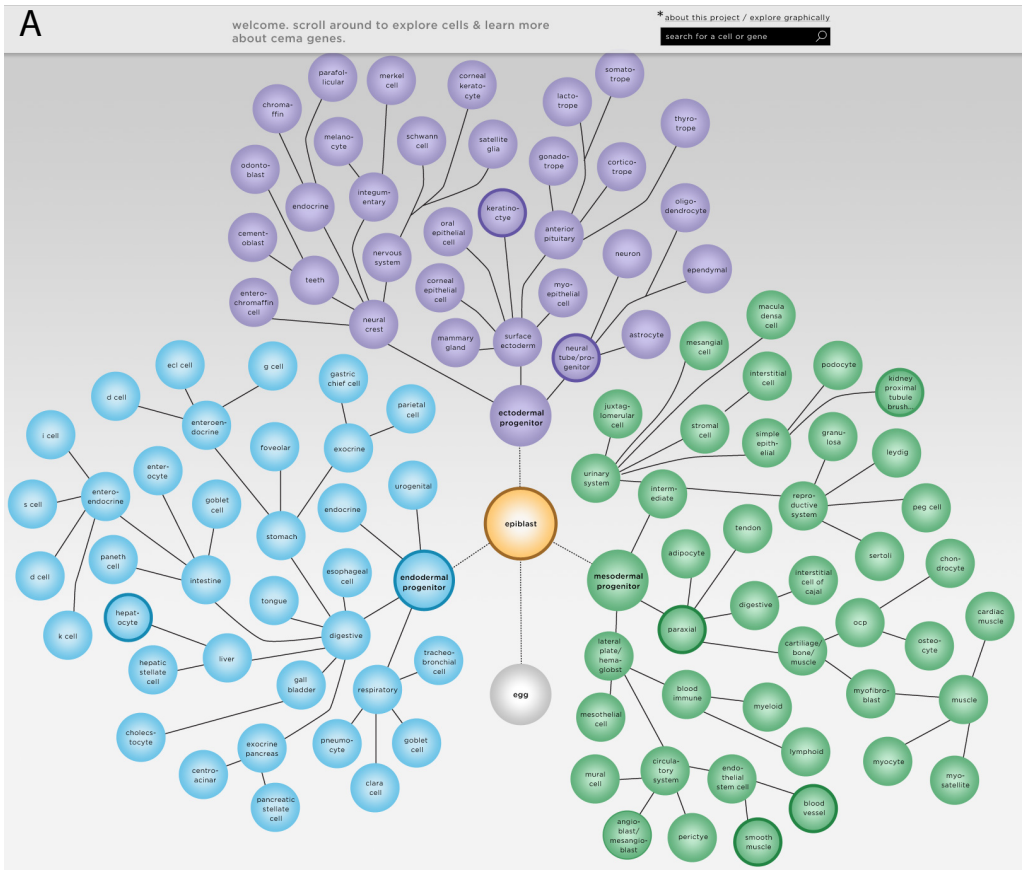
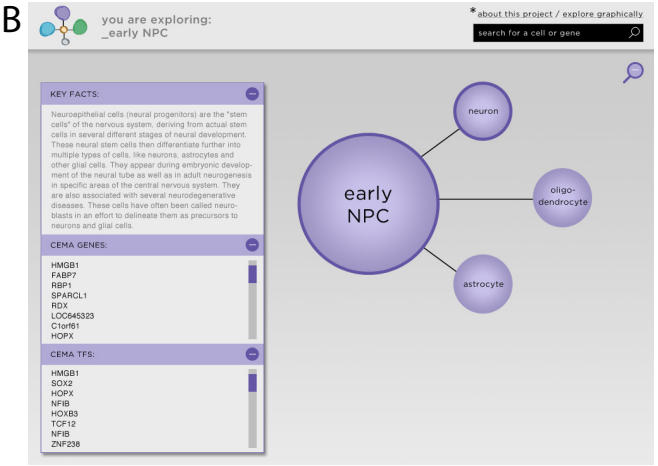
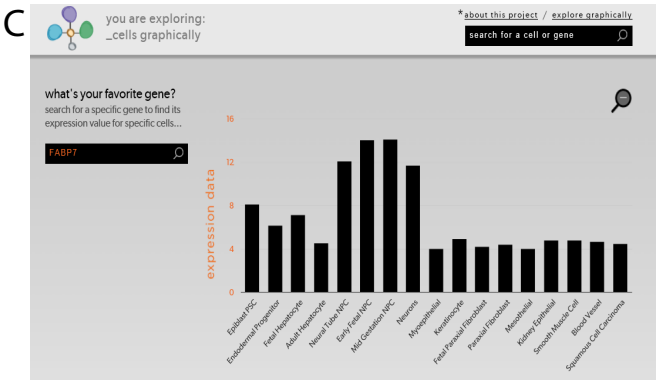

A
welcome. scroll around to explore cells & learn more about cema genes.
*about this project / explore graphically
search for a cell or gene
epiblast
ectodermal progenitor
endodermal progenitor
mesodermal progenitor
egg
neural crest
surface ectoderm
neural tube/progenitor
anterior pituitary
keratinocyte
oral epithelial cell
corneal epithelial cell
mammary gland
myoepithelial cell
parafollicular
merkel cell
corneal keratocyte
somatotrope
lactotrope
thyrotrope
gonadotrope
corticotrope
oligodendrocyte
ependymal
neuron
astrocyte
melanocyte
schwann cell
satellite glia
chromaffin
odontoblast
integumentary
endocrine
cementoblast
teeth
nervous system
enterochromaffin cell
ecl cell
g cell
d cell
i cell
enteroendocrine
enterocyte
s cell
goblet cell
paneth cell
d cell
k cell
hepatocyte
stomach
intestine
liver
hepatic stellate cell
gastric chief cell
parietal cell
foveolar
exocrine
endocrine
urogenital
esophageal cell
tongue
digestive
gall bladder
exocrine pancreas
pancreatic stellate cell
centroacinar
cholecystocyte
respiratory
pneumocyte
clara cell
goblet cell
tracheobronchial cell
macula densa cell
mesangial cell
interstitial cell
podocyte
kidney proximal tubule brush
juxtaglomerular cell
stromal cell
simple epithelial
granulosa
leydig
urinary system
interm-ediate
reproductive system
peg cell
tendon
adipocyte
sertoli
chondrocyte
interstitial cell of cajal
digestive
paraxial
ocp
osteocyte
cardiac muscle
lateral plate/hemaglobst
cartilage/bone/muscle
myofibroblast
muscle
blood immune
myeloid
lymphoid
myocyte
myosatellite
mesothelial cell
mural cell
circulatory system
endothelial stem cell
blood vessel
angioblast/mesangioblast
pericyte
smooth muscle


B
you are exploring:
_early NPC
*about this project / explore graphically
search for a cell or gene
KEY FACTS:
Neuroepithelial cells (neural progenitors) are the "stem cells" of the nervous system, deriving from actual stem cells in several different stages of neural development. These neural stem cells then differentiate further into multiple types of cells, like neurons, astrocytes and other glial cells. They appear during embryonic development of the neural tube as well as in adult neurogenesis in specific areas of the central nervous system. They are also associated with several neurodegenerative diseases. These cells have often been called neuroblasts in an effort to delineate them as precursors to neurons and glial cells.
CEMA GENES:
HMGB1
FABP7
RBP1
SPARCL1
RDX
LOC645323
C1orf61
HOPX
CEMA TFS:
HMGB1
SOX2
HOPX
NFIB
HOXB3
TCF12
NFIB
ZNF238
early NPC
neuron
oligodendrocyte
astrocyte


C
you are exploring:
_cells graphically
*about this project / explore graphically
search for a cell or gene
what's your favorite gene?
search for a specific gene to find its expression value for specific cells...
FABP7
expression data
16
12
8
4
0
Epiblast PSC
Endodermal Progenitor
Fetal Hepatocyte
Adult Hepatocyte
Neural Tube NPC
Early Fetal NPC
Mid Gestation NPC
Neurons
Myoepithelial
Keratinocyte
Fetal Paraxial Fibroblast
Paraxial Fibroblast
Mesothelial
Kidney Epithelial
Smooth Muscle Cell
Blood Vessel
Squamous Cell Carcinoma