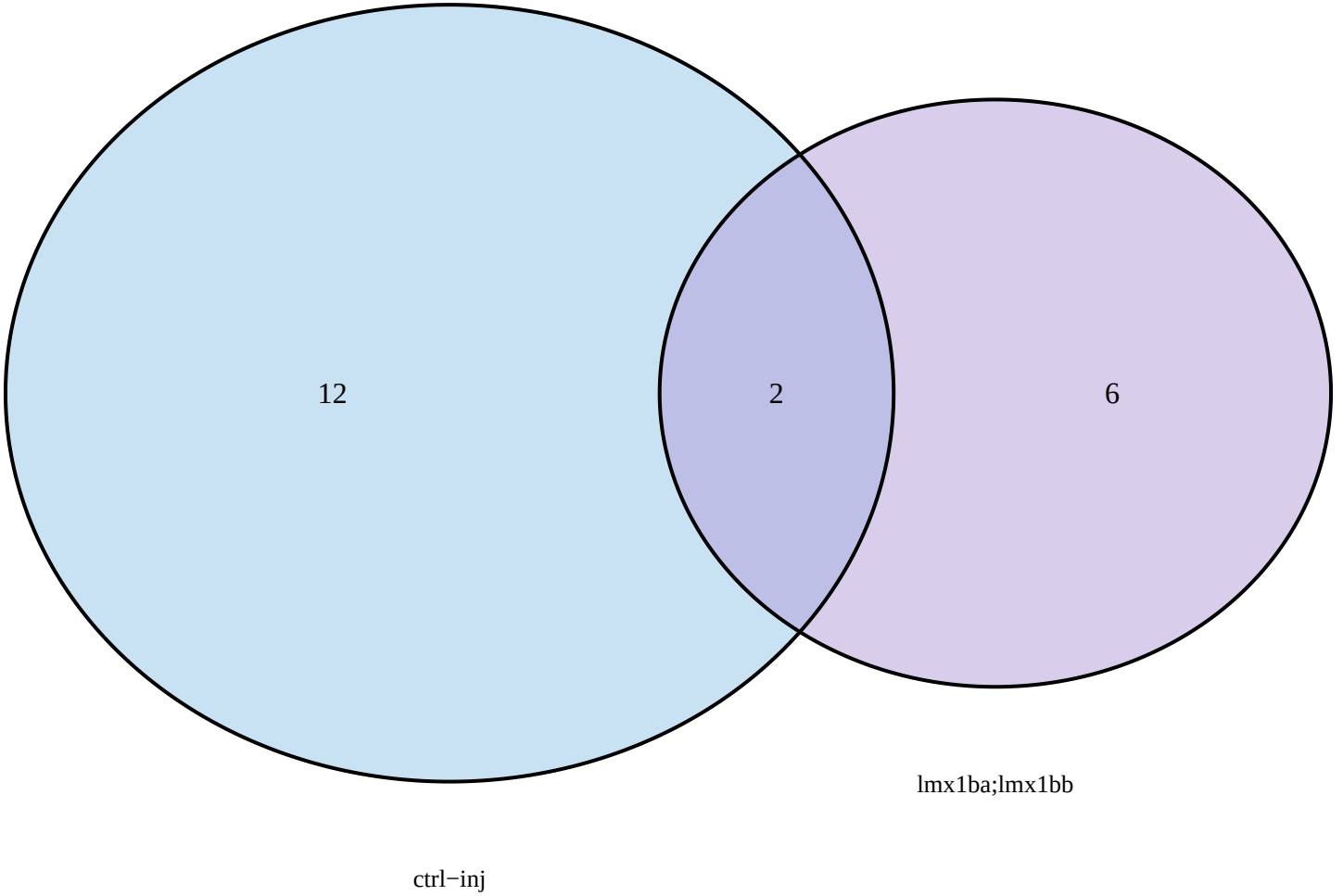
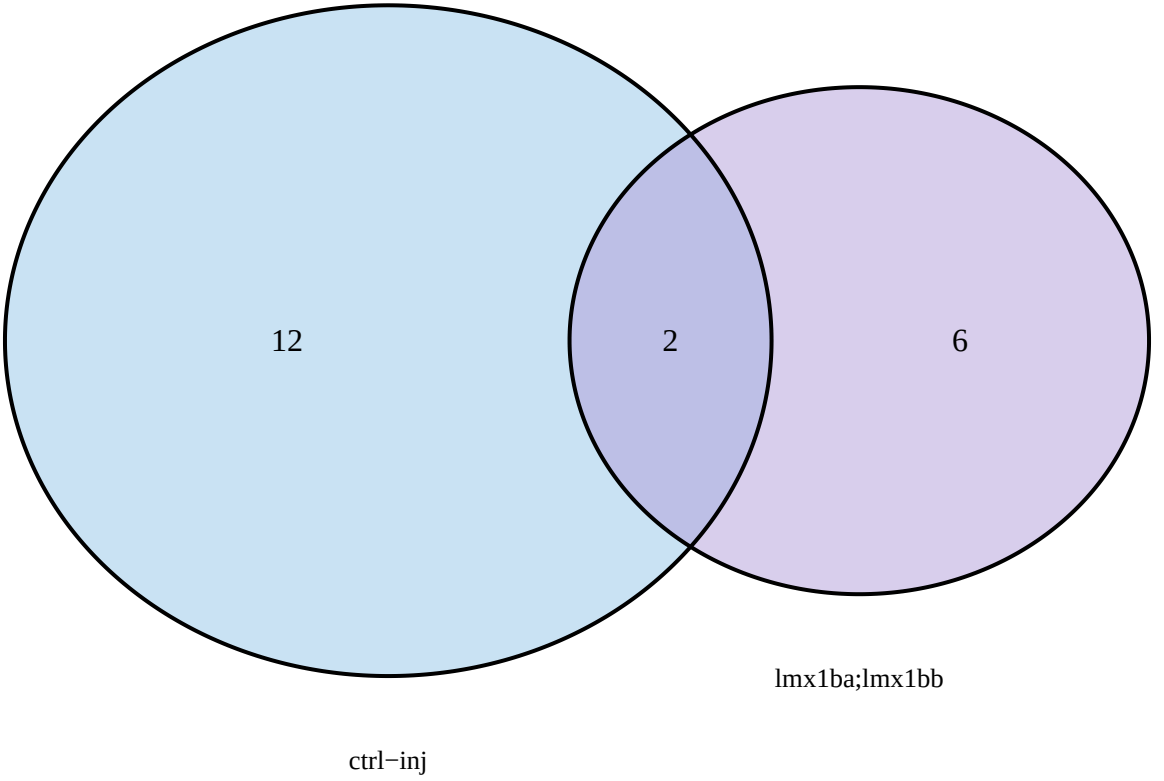
Affected Cell Types at 48 hpf

Cell types with |log fold change| > 1



Affected Cell Types at 48 hpf

Cell types with |log fold change| > 1



Timepoint: 48 hpf

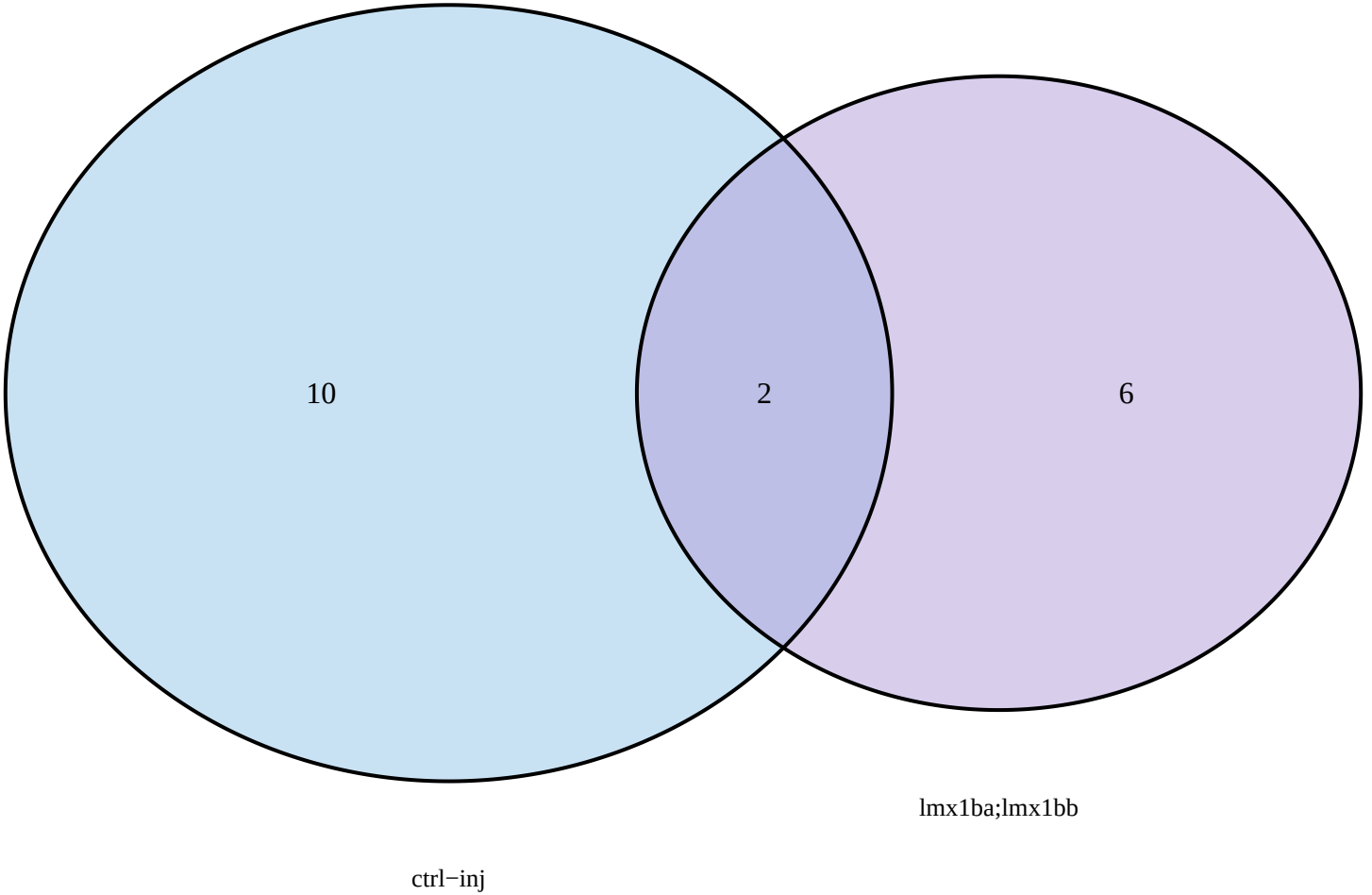
lmx1ba;lmx1bb only (6 cell types):
est, pre−migratory (prdm1a+), neural tube−like connective tissue, terminal epiderm 16, unknown (neuron, hctr2+, opn8b+), unknown

ctrl−inj only (12 cell types):
let cell, head/neck muscle group 2, hepatocyte, myeloid (doublets, muscle , ttn.1+), odontoblast (tfr1a+), pancreatic duct, periderm

Both (2 cell types):
retina, progenitor (atoh7+) (suspected doublets), terminal epiderm 3

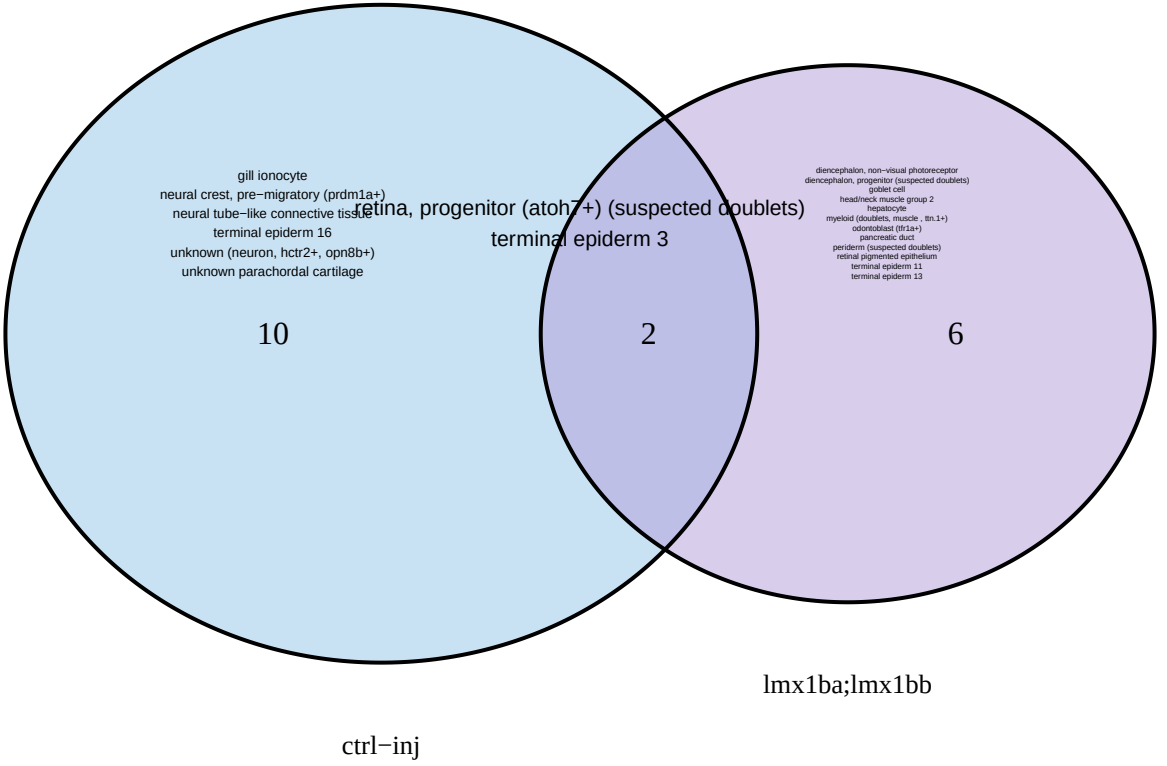
Affected Cell Types at 72 hpf

Cell types with |log fold change| > 1



Affected Cell Types at 72 hpf

Cell types with |log fold change| > 1



Timepoint: 72 hpf

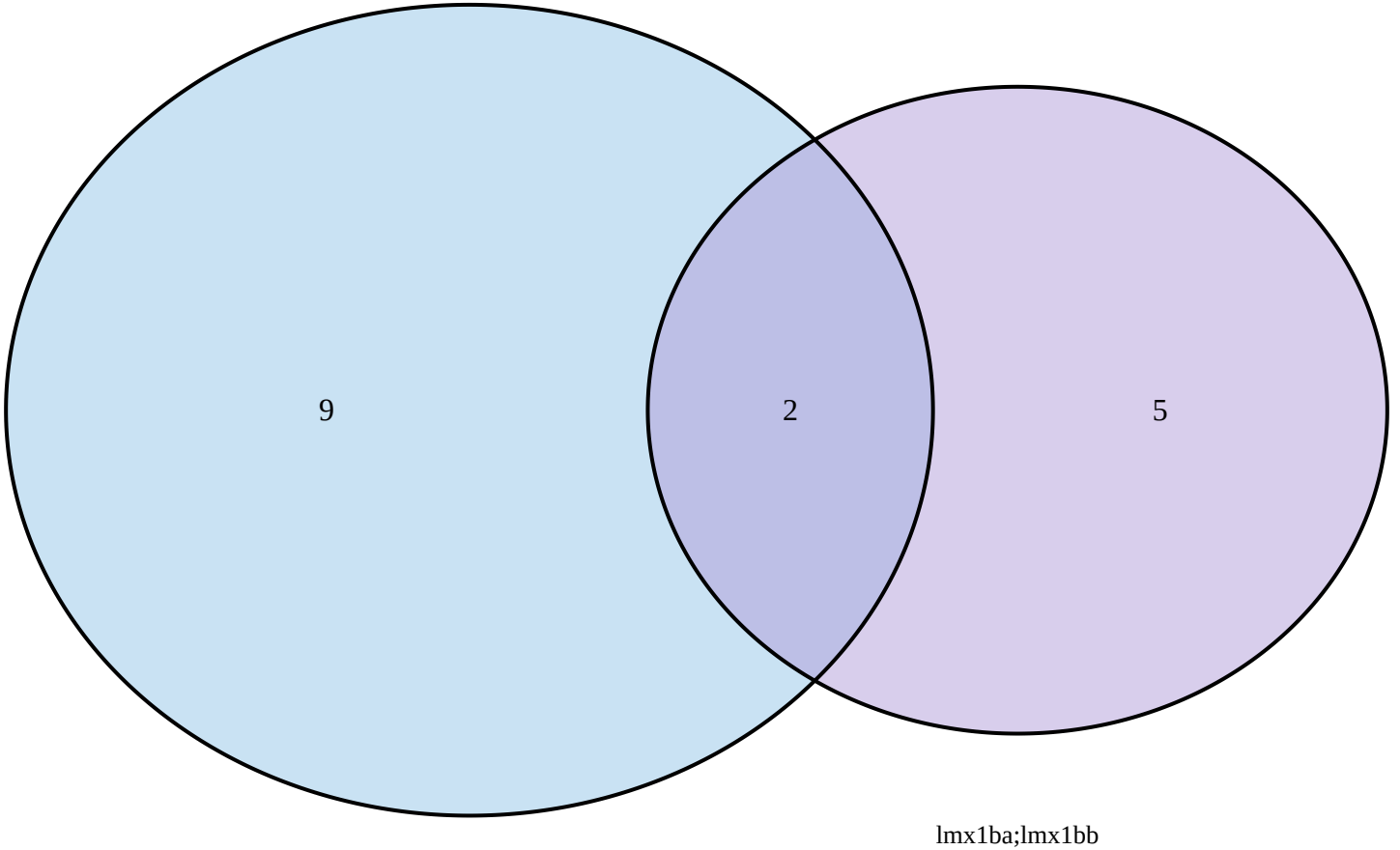
lmx1ba;lmx1bb only (6 cell types):
ural tube−like connective tissue, terminal epiderm 2, terminal epiderm 9, differentiated 2, terminal periderm, cloaca, unknown parac

ctrl−inj only (10 cell types):
scle group 2, myeloid (doublets, muscle , ttn.1+), odontoblast (tfr1a+), periderm (suspected doublets), posterior lateral line primordiu

Both (2 cell types):
hepatocyte, pancreatic duct

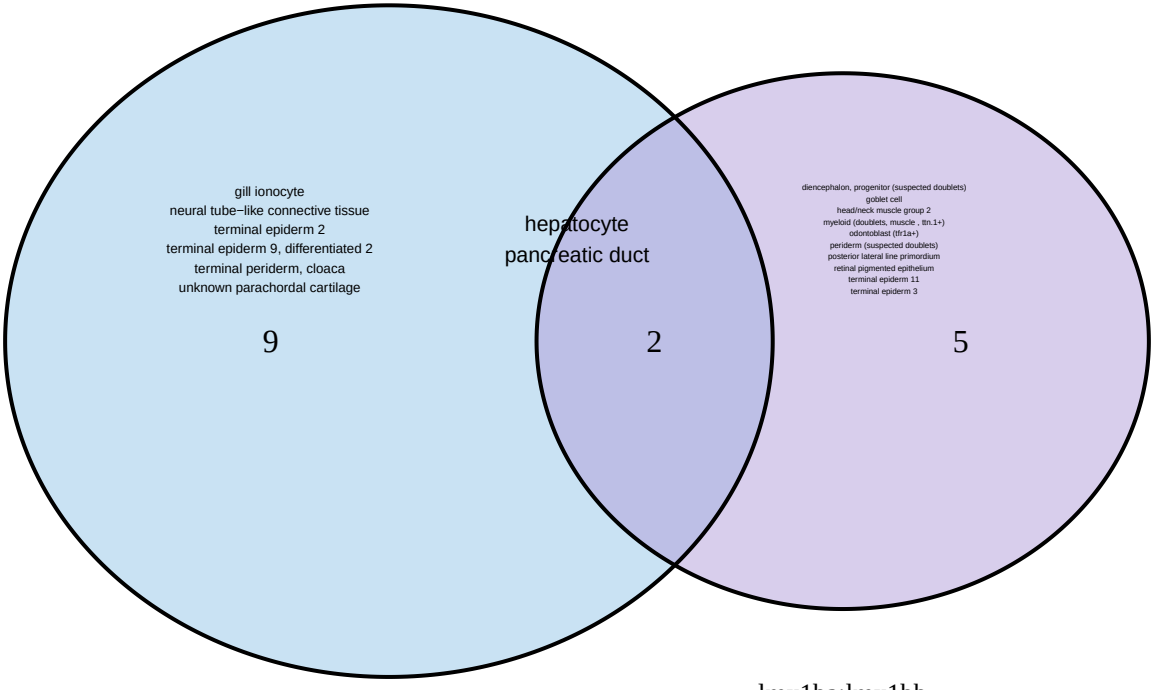
Affected Cell Types at 60 hpf

Cell types with |log fold change| > 1



Affected Cell Types at 60 hpf

Cell types with |log fold change| > 1



Timepoint: 60 hpf

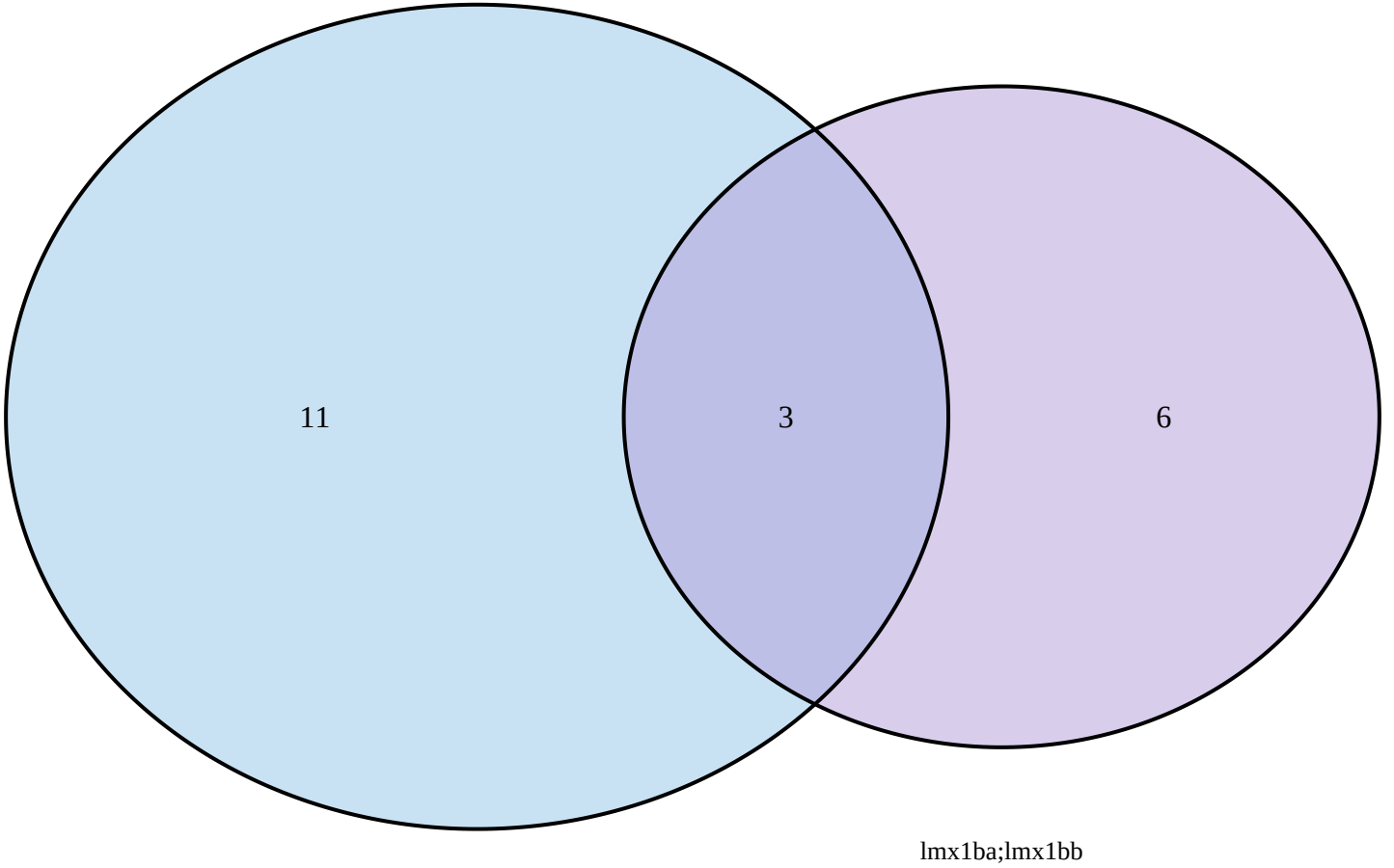
lmx1ba;lmx1bb only (5 cell types):
gill ionocyte, neural tube−like connective tissue, terminal epiderm 2, terminal periderm, cloaca, unknown parachordal cartilage

ctrl−inj only (9 cell types):
t cell, head/neck muscle group 2, hepatocyte, myeloid (doublets, muscle , ttn.1+), odontoblast (tfr1a+), periderm (suspected double

Both (2 cell types):
pancreatic duct, terminal epiderm 3

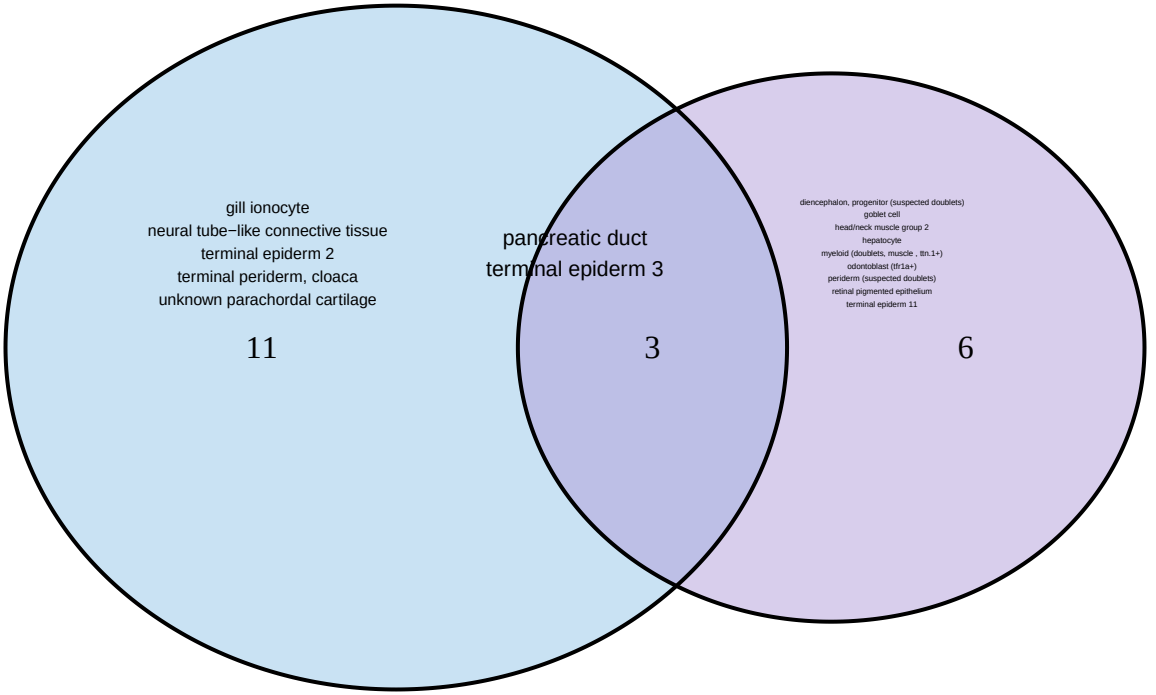
Affected Cell Types at 36 hpf

Cell types with |log fold change| > 1



Affected Cell Types at 36 hpf

Cell types with |log fold change| > 1



Timepoint: 36 hpf

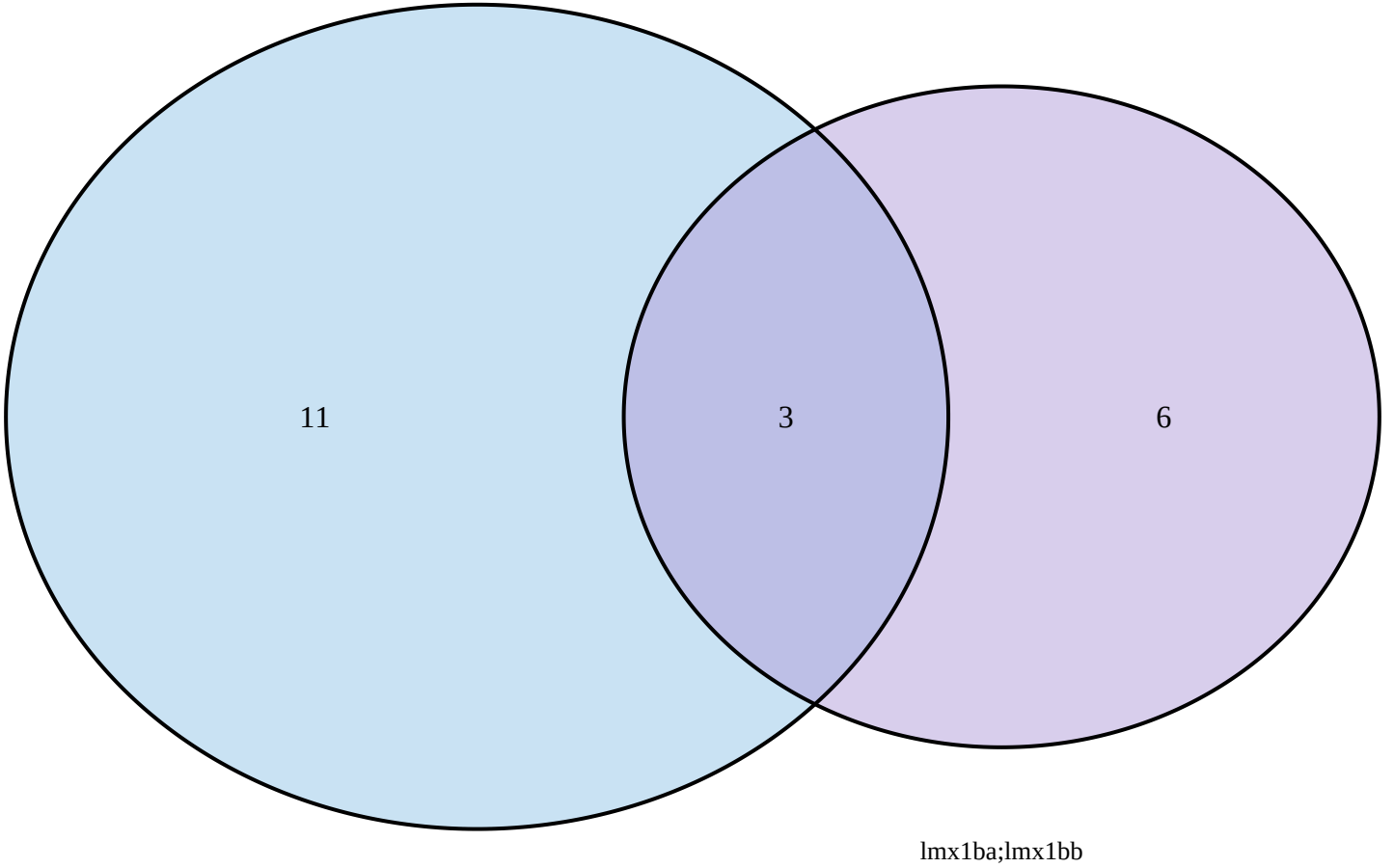
lmx1ba;lmx1bb only (6 cell types):
gill ionocyte, neural crest, pre−migratory (prdm1a+), neural tube−like connective tissue, unknown (neuron, hctr2+, opn8b+), unknow

ctrl−inj only (11 cell types):
ets), goblet cell, head/neck muscle group 2, hepatocyte, myeloid (doublets, muscle , ttn.1+), odontoblast (tfr1a+), periderm (suspect

Both (3 cell types):
retina, progenitor (atoh7+) (suspected doublets), terminal epiderm 16, terminal epiderm 3

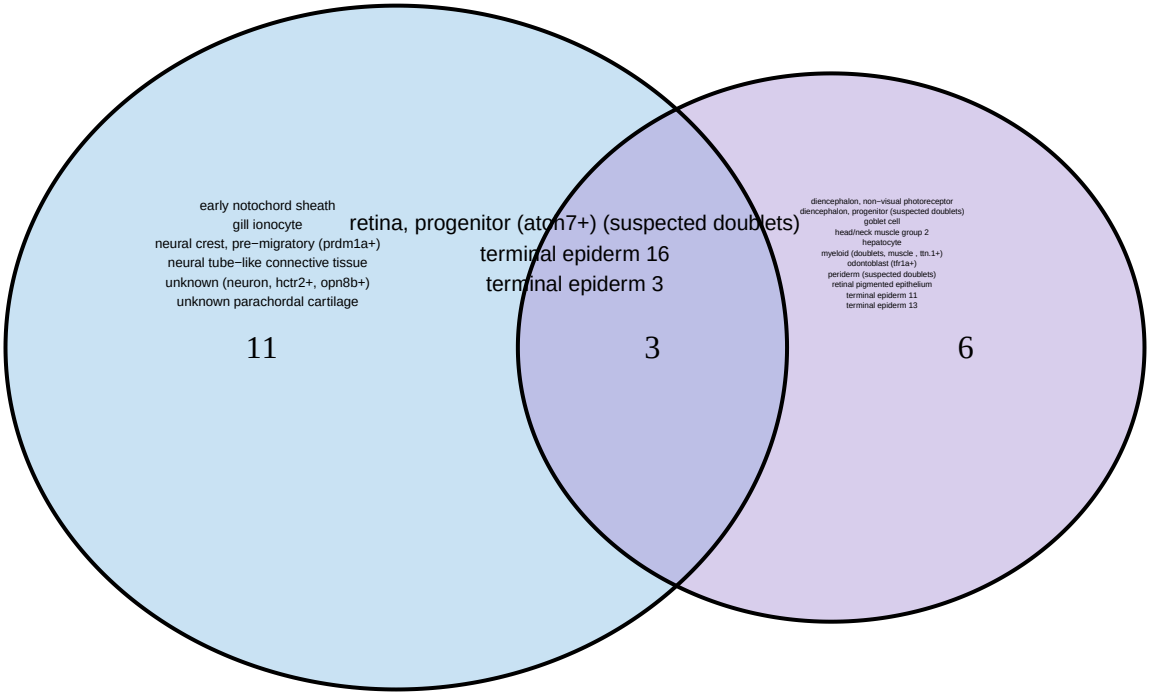
Affected Cell Types at 18 hpf

Cell types with |log fold change| > 1



Affected Cell Types at 18 hpf

Cell types with |log fold change| > 1



Timepoint: 18 hpf

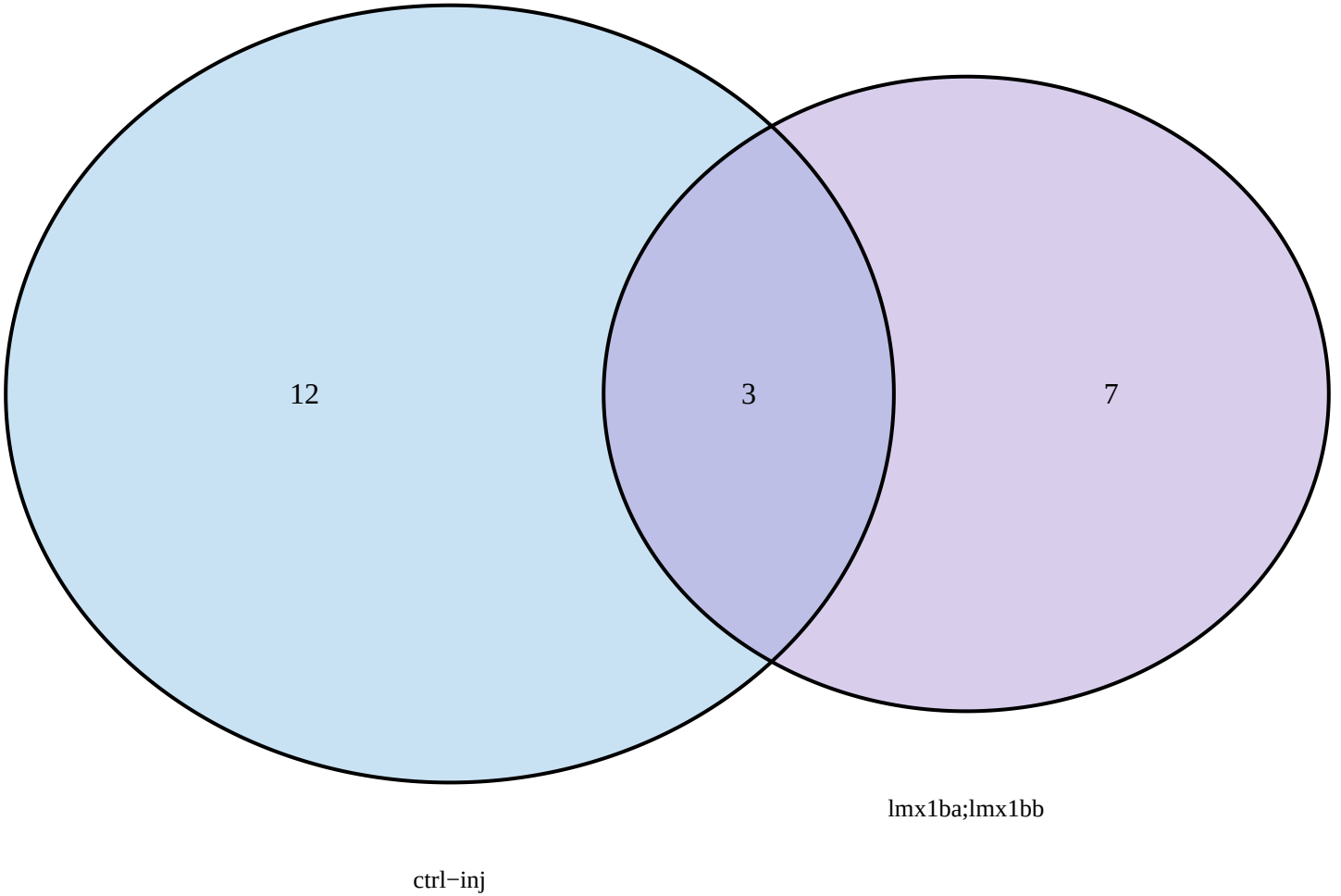
lmx1ba;lmx1bb only (6 cell types):
d sheath, gill ionocyte, neural tube−like connective tissue, terminal epiderm 2, unknown (neuron, hctr2+, opn8b+), unknown parach

ctrl−inj only (11 cell types):
d/neck muscle group 2, myeloid (doublets, muscle , ttn.1+), pancreatic duct, periderm (suspected doublets), posterior lateral line pri

Both (3 cell types):
hepatocyte, retina, progenitor (atoh7+) (suspected doublets), terminal epiderm 3

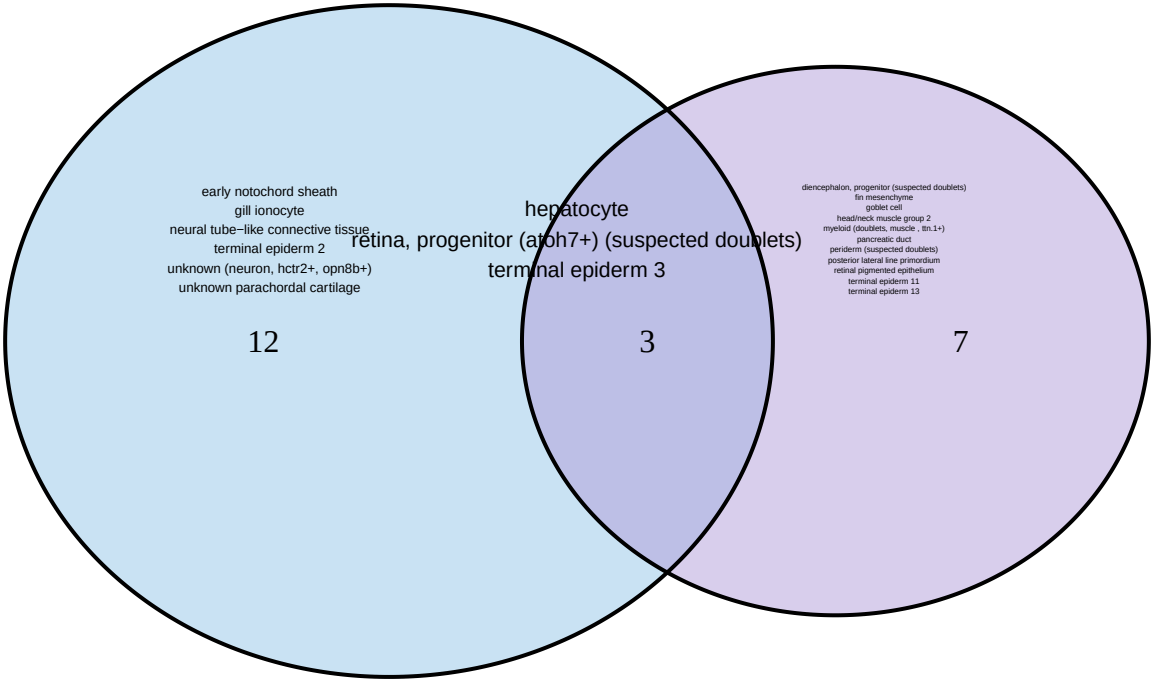
Affected Cell Types at 24 hpf

Cell types with |log fold change| > 1



Affected Cell Types at 24 hpf

Cell types with |log fold change| > 1



Timepoint: 24 hpf

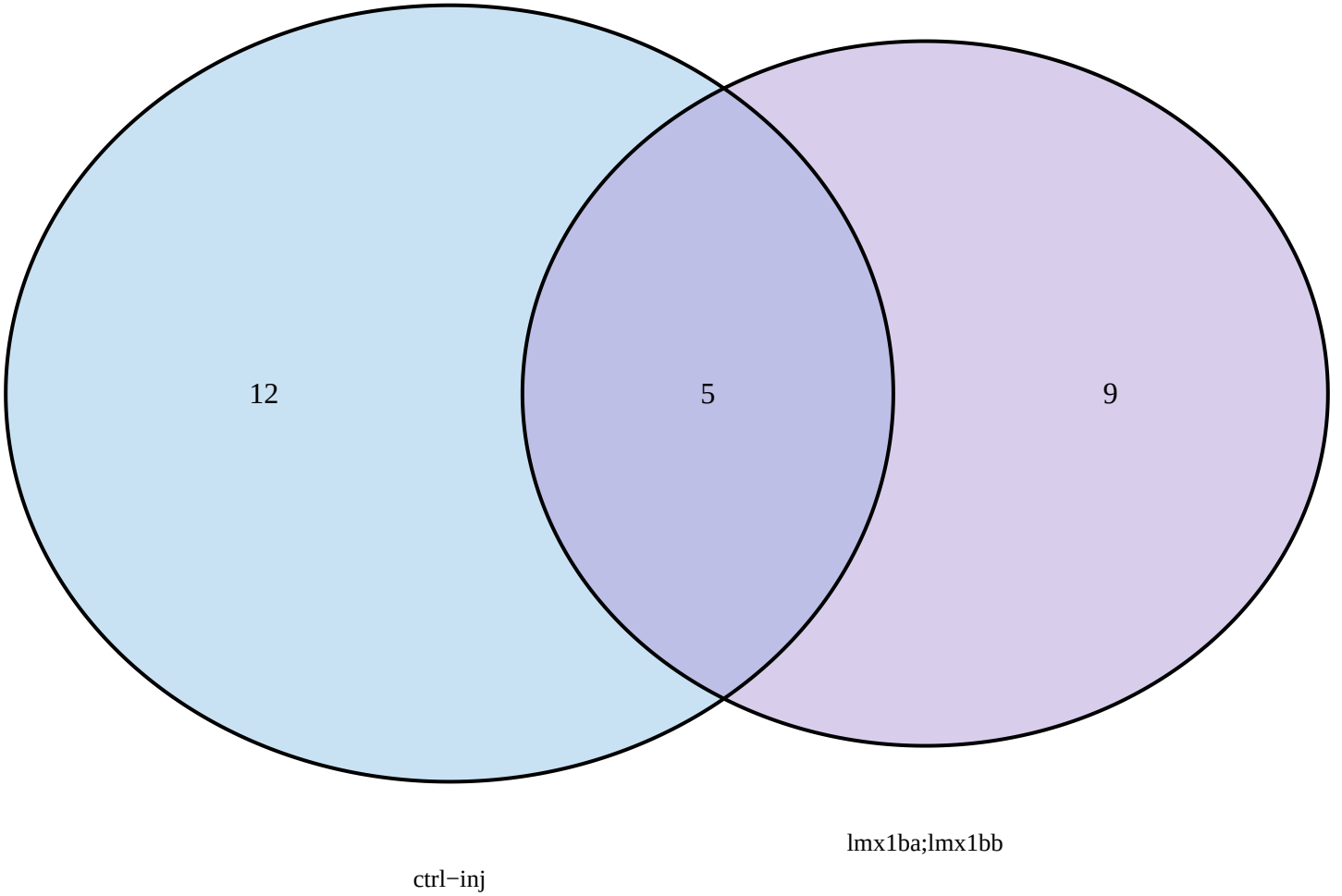
lmx1ba;lmx1bb only (7 cell types):
e, neural crest, pre−migratory (prdm1a+), neural tube−like connective tissue, terminal epiderm 16, unknown (neuron, hctr2+, opn8b

ctrl−inj only (12 cell types):
yme, goblet cell, head/neck muscle group 2, myeloid (doublets, muscle , ttn.1+), pancreatic duct, periderm (suspected doublets), po

Both (3 cell types):
hepatocyte, retina, progenitor (atoh7+) (suspected doublets), terminal epiderm 3

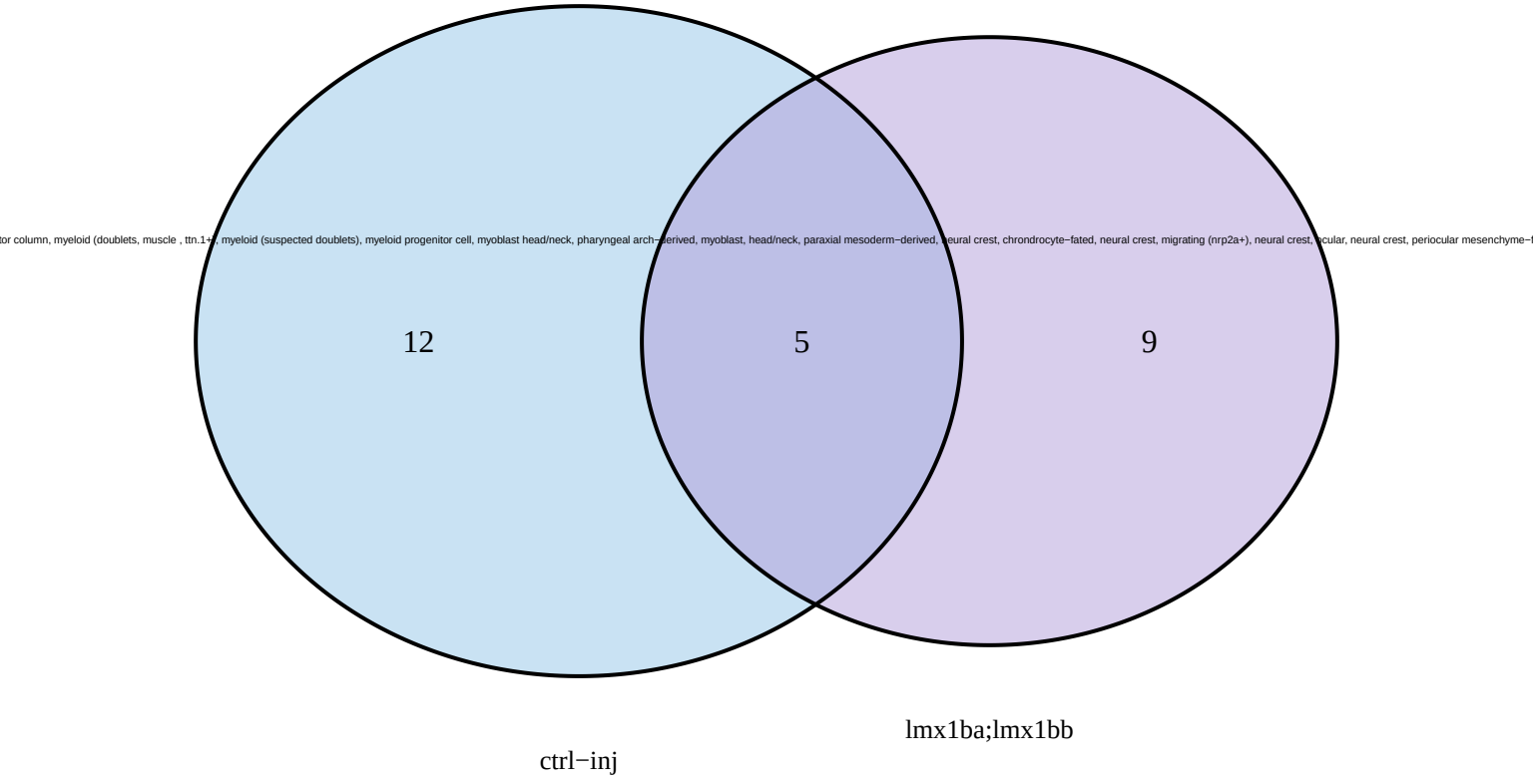
Affected Cell Types Across All Timepoints

Cell types with |log fold change| > 1



Affected Cell Types Across All Timepoints

Cell types with |log fold change| > 1



All Timepoints Combined

lmx1ba;lmx1bb only (9 cell types):
ike connective tissue, unknown (neuron, hctr2+, opn8b+), unknown parachordal cartilage, terminal epiderm 2, terminal epiderm 9,

ctrl−inj only (12 cell types):
d/neck muscle group 2, myeloid (doublets, muscle , ttn.1+), odontoblast (tfr1a+), periderm (suspected doublets), retinal pigmented

Both (5 cell types):
retina, progenitor (atoh7+) (suspected doublets), terminal epiderm 16, terminal epiderm 3, hepatocyte, pancreatic duct