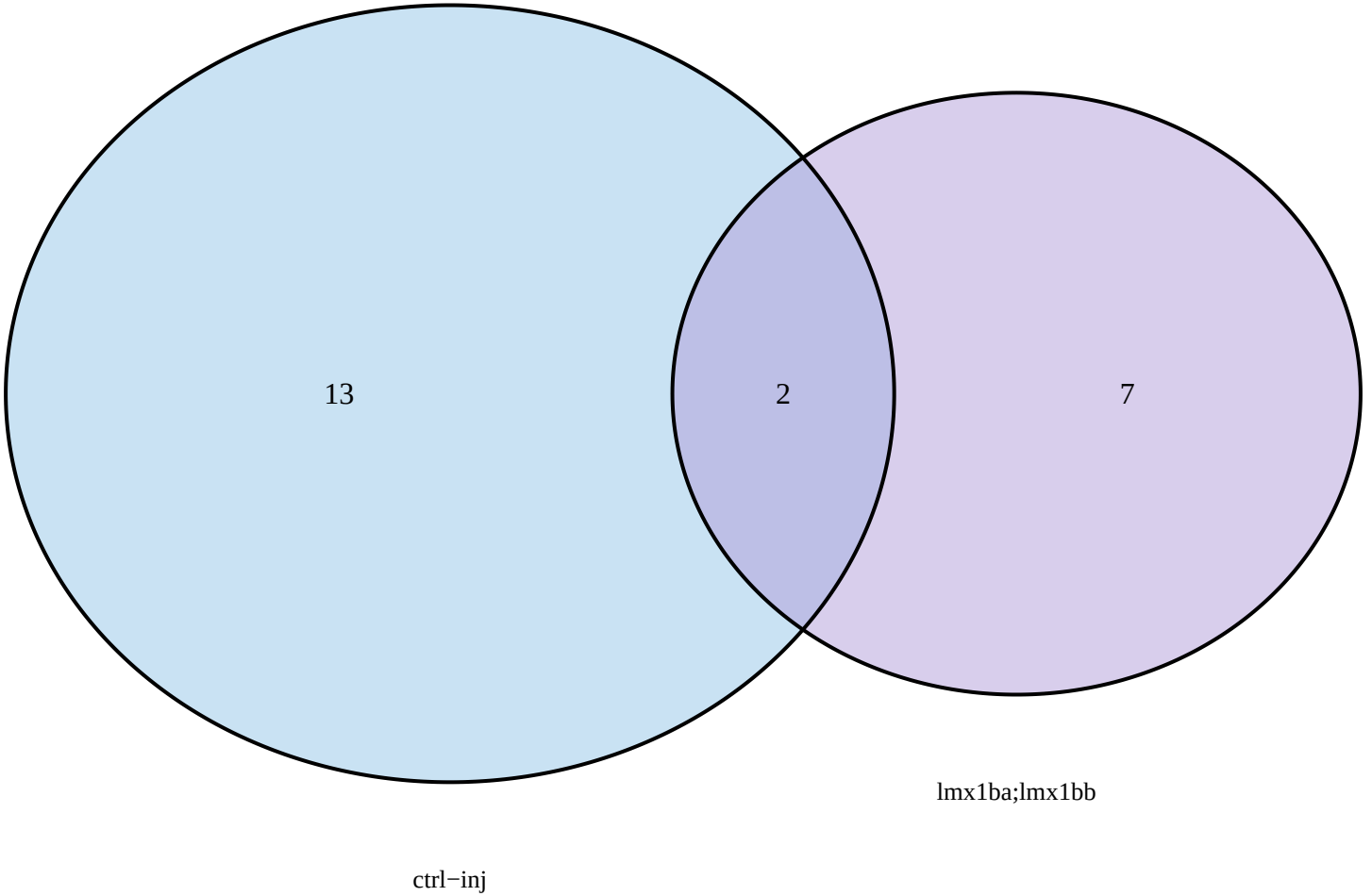
# Affected Cell Types at 48 hpf

Cell types with |log fold change| > 1



Timepoint: 48 hpf

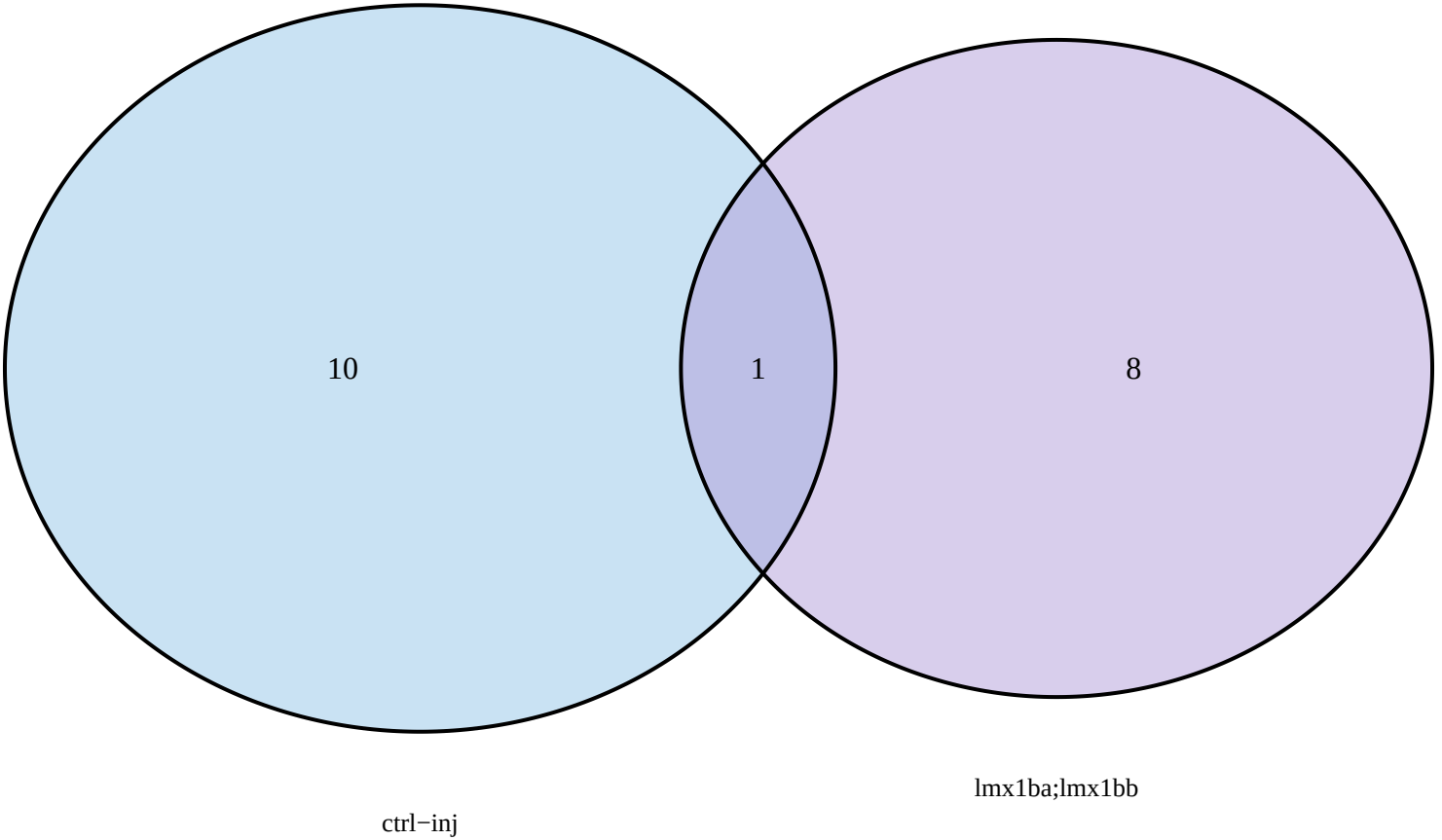
lmx1ba;lmx1bb only (7 cell types):
evpla+), gill ionocyte, neural tube−like connective tissue, terminal epiderm 14, terminal epiderm 16, terminal epiderm 9, differentia

ctrl−inj only (13 cell types):
est, pre−migratory (prdm1a+), neuron, telencephalon (nfixa+, nfixb+), odontoblast, odontoblast (tfr1a+), retina, progenitor (atoh7+)

Both (2 cell types):
diencephalon, non−visual photoreceptor, lens (suspected doublets)

# Affected Cell Types at 72 hpf

Cell types with |log fold change| > 1



Timepoint: 72 hpf

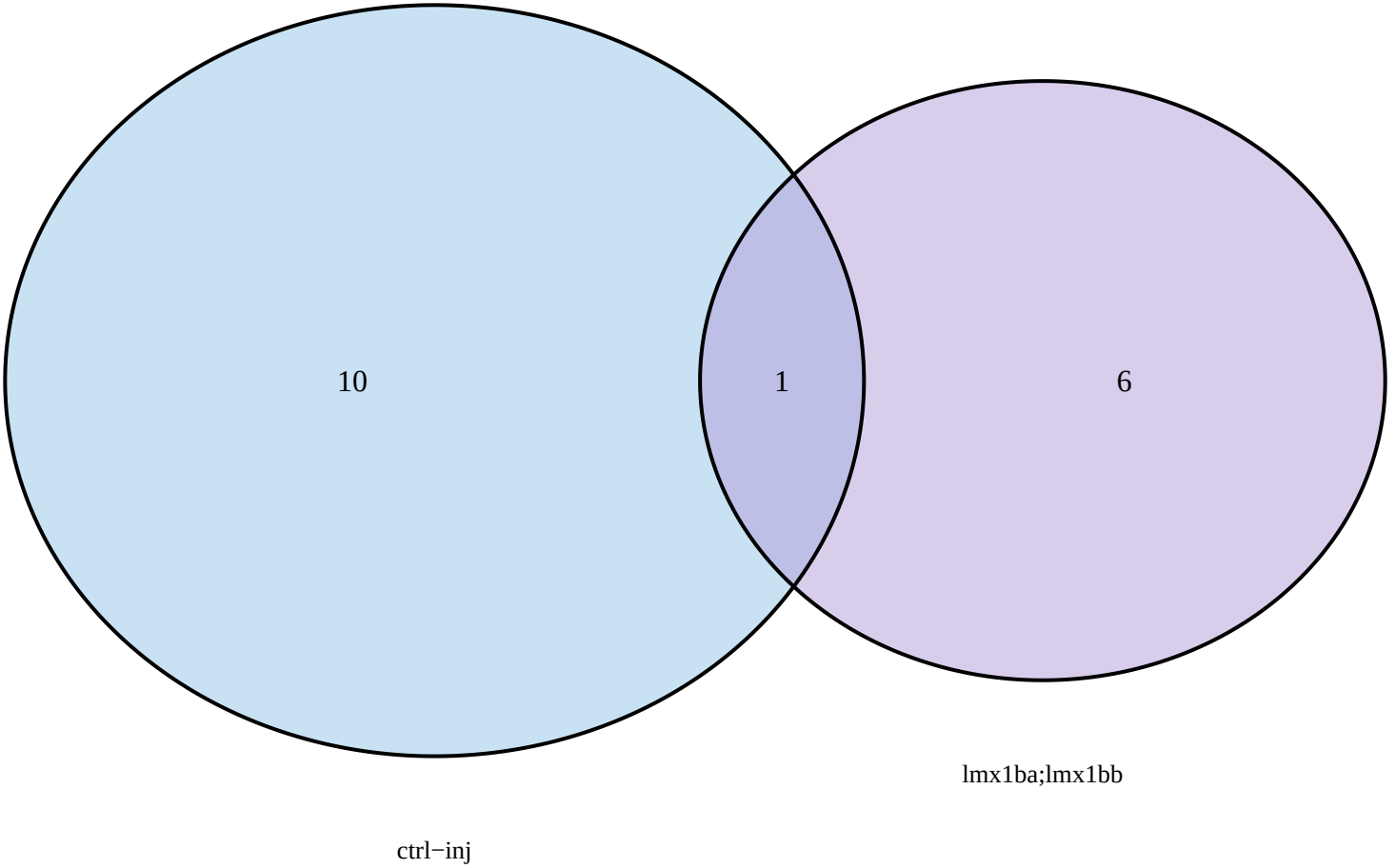
lmx1ba;lmx1bb only (8 cell types):
ve tissue, terminal epiderm 9, differentiated 1, terminal epiderm 9, differentiated 2, terminal periderm, cloaca, unknown 1 (pancreas

ctrl−inj only (10 cell types):
ron, telencephalon (nfixa+, nfixb+), odontoblast, odontoblast (tfr1a+), posterior lateral line primordium, retinal pigmented epithelium,

Both (1 cell types):
hepatocyte

# Affected Cell Types at 60 hpf

Cell types with |log fold change| > 1



Timepoint: 60 hpf

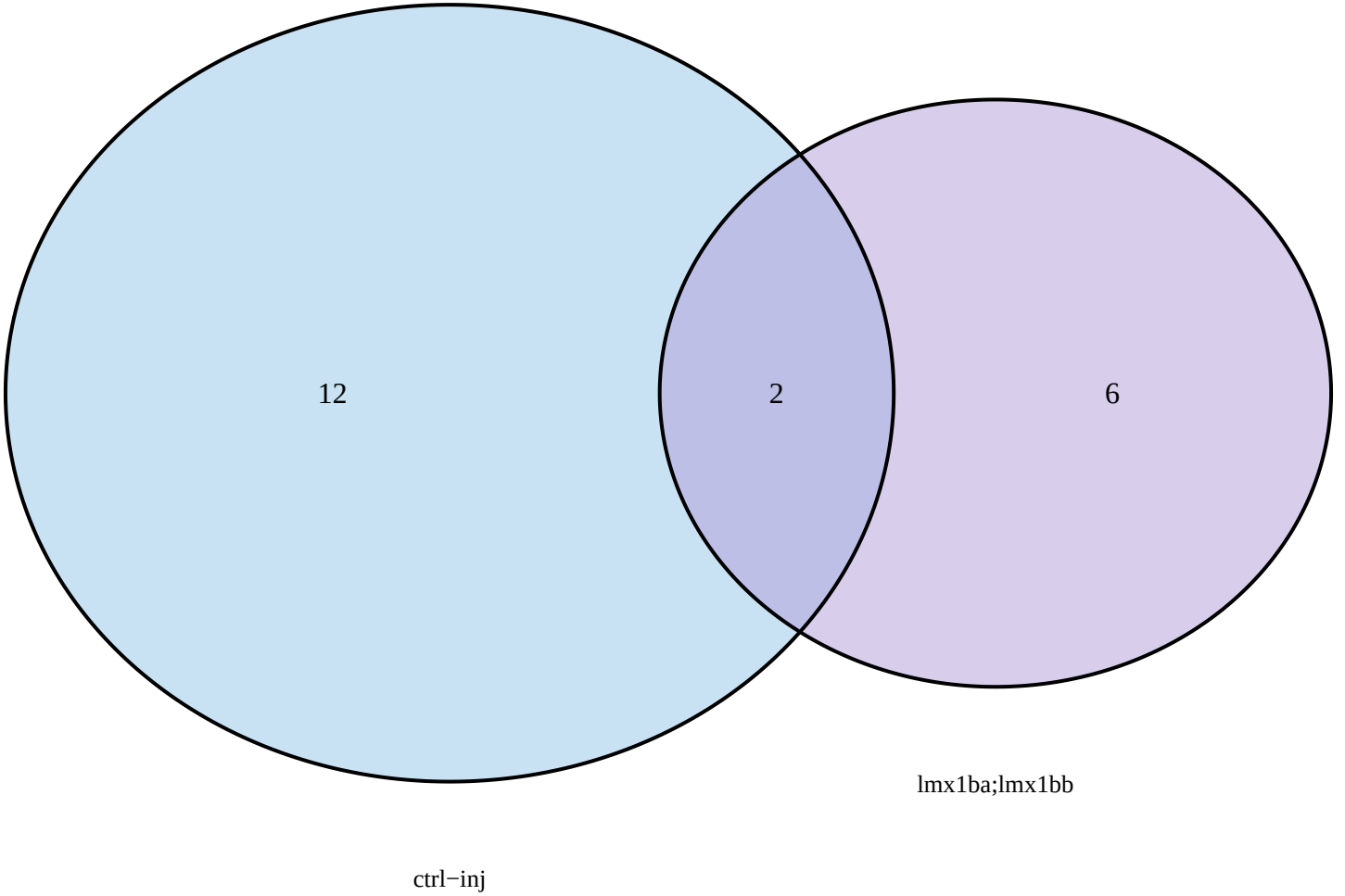
lmx1ba;lmx1bb only (6 cell types):
, periderm, evpla+), gill ionocyte, neural tube−like connective tissue, terminal epiderm 14, terminal epiderm 9, differentiated 1, term

ctrl−inj only (10 cell types):
epatocyte, myeloid (doublets, muscle , ttn.1+), neuron, telencephalon (nfixa+, nfixb+), odontoblast, odontoblast (tfr1a+), retinal pigm

Both (1 cell types):
lens (suspected doublets)

# Affected Cell Types at 36 hpf

Cell types with |log fold change| > 1



Timepoint: 36 hpf

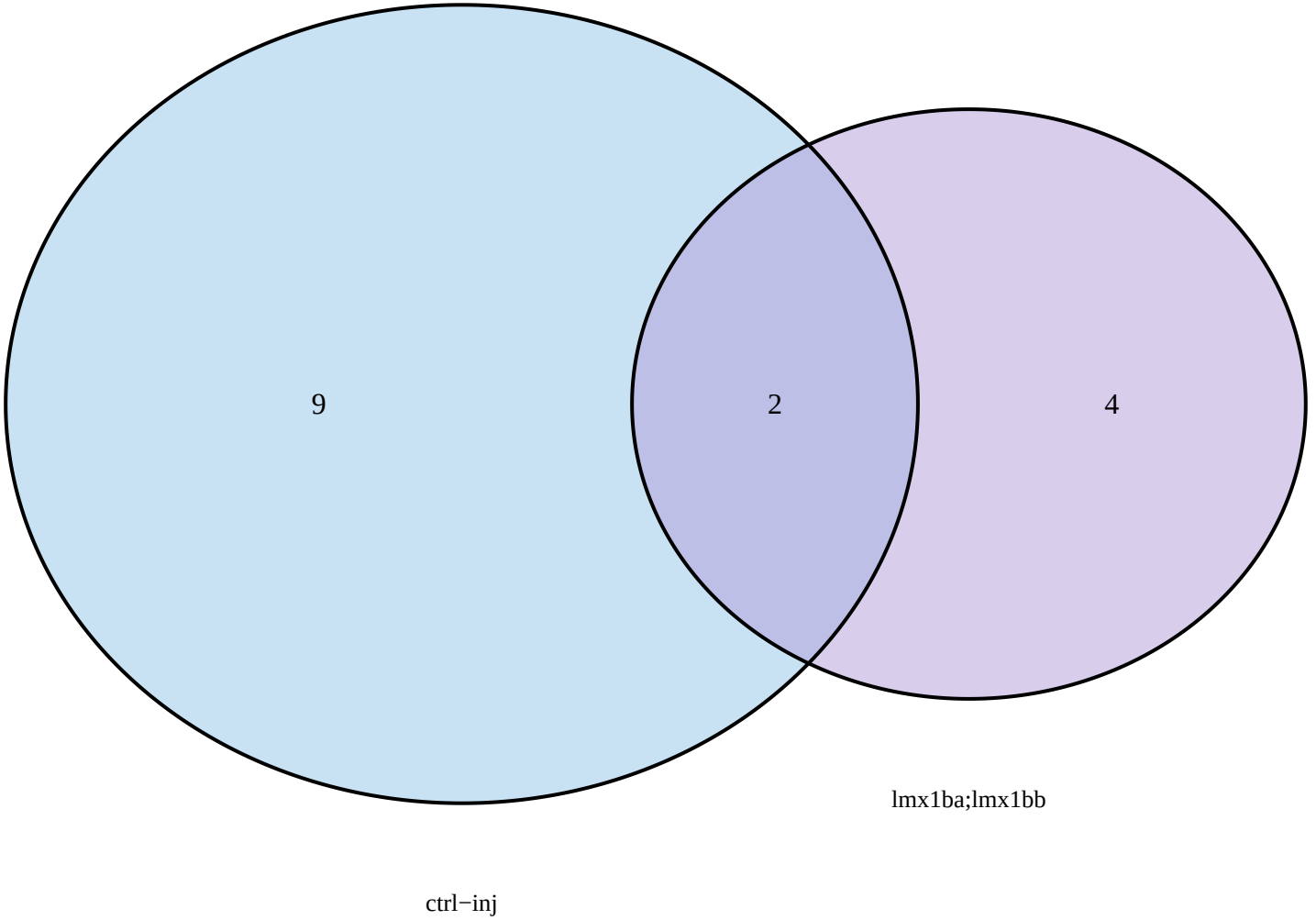
lmx1ba;lmx1bb only (6 cell types):
ets, periderm, evpla+), gill ionocyte, neural tube−like connective tissue, terminal epiderm 14, terminal epiderm 16, terminal epiderm

ctrl−inj only (12 cell types):
), neural crest, pre−migratory (prdm1a+), neuron, telencephalon (nfixa+, nfixb+), odontoblast, retina, progenitor (atoh7+) (suspected

Both (2 cell types):
diencephalon, non−visual photoreceptor, lens (suspected doublets)

# Affected Cell Types at 18 hpf

Cell types with |log fold change| > 1



Timepoint: 18 hpf

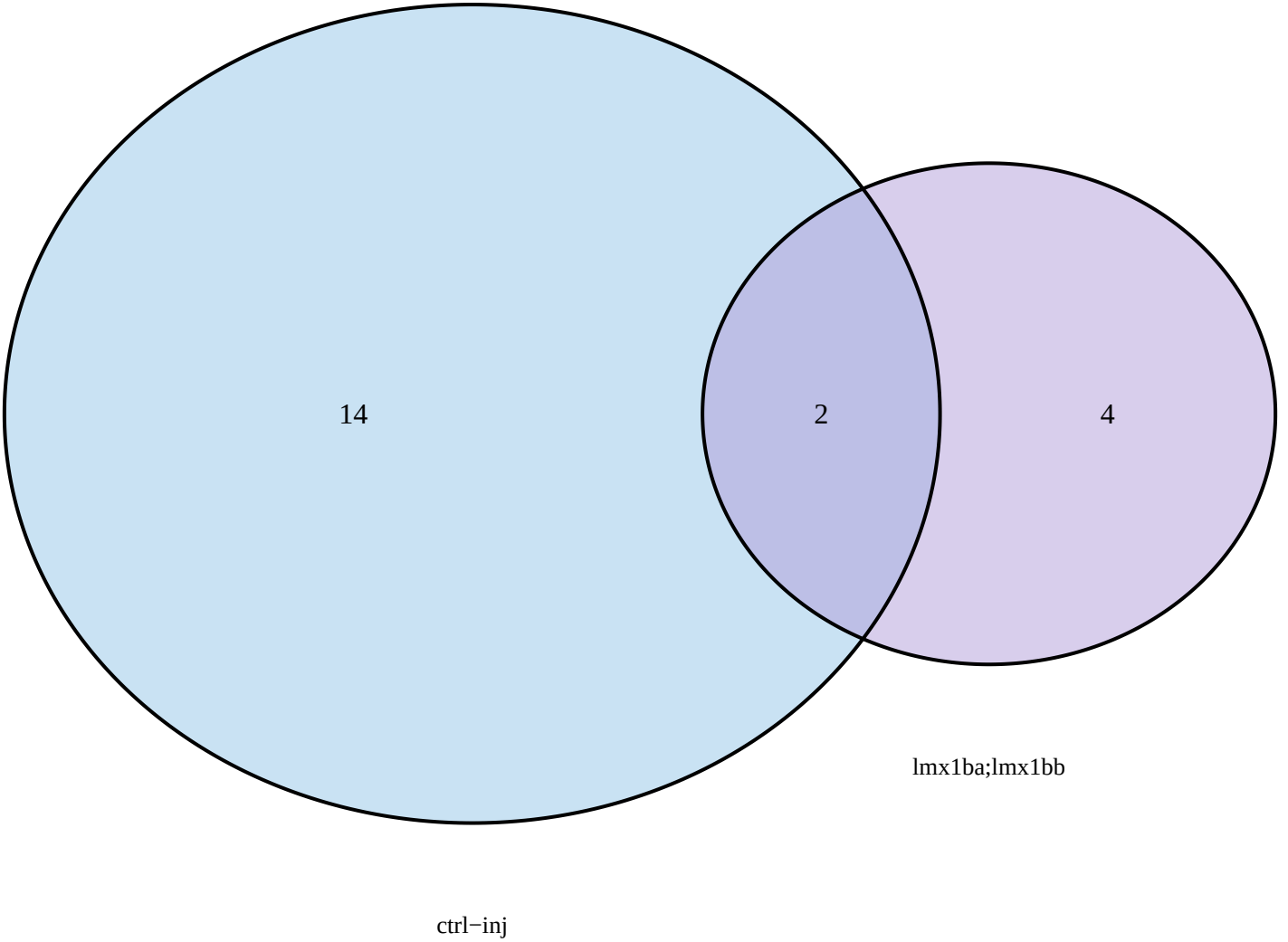
lmx1ba;lmx1bb only (4 cell types):
erythrocyte (doublets, periderm, evpla+), gill ionocyte, neural tube−like connective tissue, terminal epiderm 9, differentiated 1

ctrl−inj only (9 cell types):
fin mesenchyme, myeloid (doublets, muscle , ttn.1+), neuron, telencephalon (nfixa+, nfixb+), odontoblast, odontoblast (tfr1a+), post

Both (2 cell types):
hepatocyte, lens (suspected doublets)

# Affected Cell Types at 24 hpf

Cell types with |log fold change| > 1



Timepoint: 24 hpf

lmx1ba;lmx1bb only (4 cell types):
erythrocyte (doublets, periderm, evpla+), gill ionocyte, neural tube−like connective tissue, terminal epiderm 9, differentiated 1

ctrl−inj only (14 cell types):
, ttn.1+), neural crest, pre−migratory (prdm1a+), neuron, telencephalon (nfixa+, nfixb+), odontoblast, odontoblast (tfr1a+), posterior

Both (2 cell types):
hepatocyte, lens (suspected doublets)