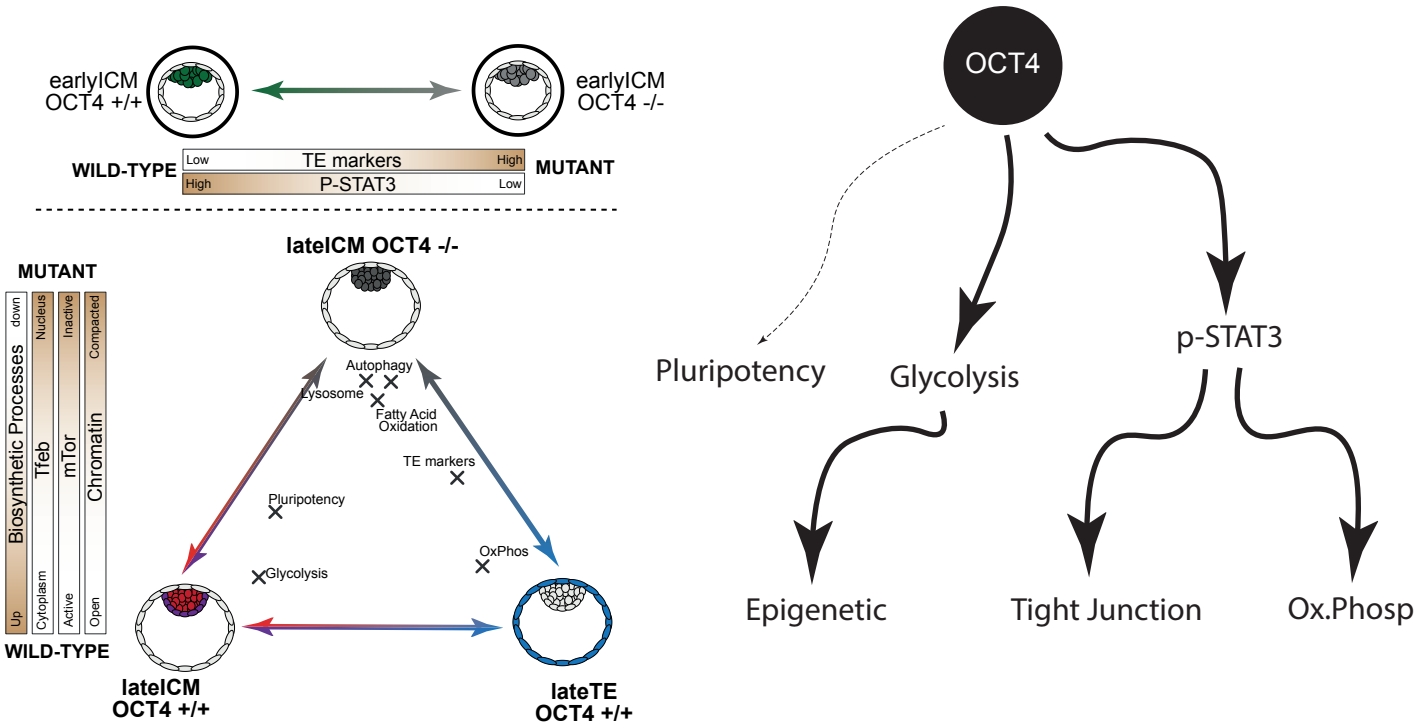
earlyICM
OCT4 +/+
earlyICM
OCT4 -/-
WILD-TYPE
Low
TE markers
High
High
P-STAT3
Low
MUTANT
lateICM OCT4 -/-
MUTANT
Biosynthetic Processes
down
Up
Tfeb
Nucleus
Cytoplasm
mTor
Inactive
Active
Chromatin
Compacted
Open
WILD-TYPE
Autophagy
Lysosome
Fatty Acid
Oxidation
TE markers
Pluripotency
OxPhos
Glycolysis
lateICM
OCT4 +/+
lateTE
OCT4 +/+
OCT4
Pluripotency
Glycolysis
p-STAT3
Epigenetic
Tight Junction
Ox.Phosp