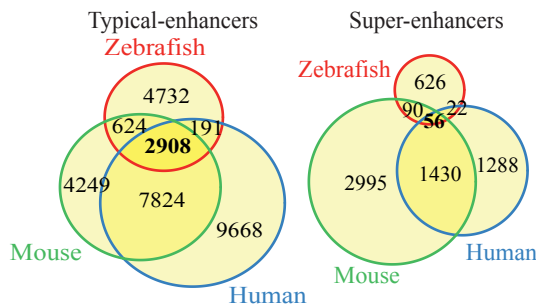
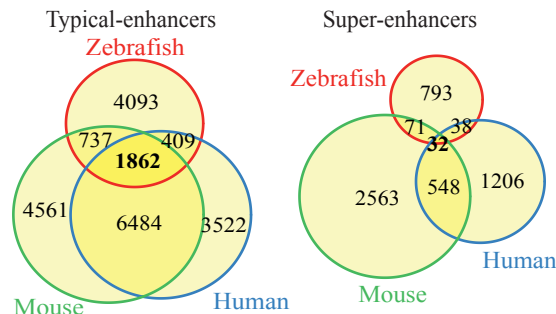


A**Adult Brain****ESCs****B**

Zebrafish

- Regionalization (32)
- Dorsal/ventral pattern formation (19)
- Pattern specification process (37)
- Cell migration (23)
- Mesoderm development (13)
- Cell motion (26)
- Cell motility (23)
- Localization of cell (23)
- Ameboidal cell migration (18)
- Cell migration inv. in gastrulation (15)

ESCs

Mouse

- Intracellular signalling cascade (208)
- Chromatin modification (68)
- Neg. reg. of macrom. metab. (120)
- Neg. reg. of gene expression (101)
- Prot. amino acid phosphorylation (144)
- In utero embryonic development (72)
- Pos. reg. of macrom. metab. (142)
- Regulation of transcription (417)
- Chromatin organization (81)
- Neg. reg. of macrom. biosynth. (101)

Human

- Neg. regulation of gene exp. (87)
- Chromatin organization (67)
- Neg. regulation of transcription (77)
- Reg. transc. RNAPII promoters (109)
- Neg. reg. of macrom. biosynth. (87)
- Neg. reg. of cellular biosynth. (87)
- Neg. reg. of nucleic acid metab. (81)
- Regulation of transcription (310)
- Neg. reg. of N compound metab. (81)
- Neg. reg. of macrom. metab. (106)

Adult Brain

Zebrafish

- Homophilic cell adhesion (15)
- Cell-cell adhesion (17)

Mouse
(*Olfactory Bulb*)

- GTPase mediated transduction (61)
- Vesicle mediated transport (97)
- Cytoskeleton organization (70)
- Ras protein signal transduction (46)
- Actin filament-based process (43)
- Actin cytoskeleton organization (41)
- Membrane invagination (44)
- Endocytosis (44)
- Reg. of system process (46)
- Intracellular signaling cascade (144)

Human
(*Inferior Temporal Lobe*)

- Cellular comp. morphogenesis (71)
- Cell morphogenesis (64)
- Cell projection organization (65)
- Cell morpho. inv. in neuron diff. (43)
- GTPase mediated transduction (48)
- Prot. amino acid phosphorylation (99)
- Phosphate metabolic process (133)
- Phosphorous metabolic process (133)
- Membrane organization (64)
- Phosphorylation (133)

