Screening Pipeline

1. Inject FlipTrap + tol2/Ac mRNA into single cell embryo
2. Raise injected embryos 2-3months
3. Mate mosaic F₀ with wildtype fish
4. Primary screen of F₁ embryos by epifluorescence microscopy
5. Identify trapped gene by 5’ and 3’ RACE
6. Raise positive F₁ embryos
7. Secondary screen of F₁ embryos for subcellular localization by counter-stain with BodipyTR-methyl ester and confocal microscopy