



S3 Fig: *iFezf2* and *iLmo4* are properly expressed in induced electroporated brains. (A) Schematic representation of the experimental procedure and vectors used in this experiment. *iFezf2* (iF) and *iLmo4* (iL) were electroporated into E14.5 somatosensory (S1) cortices. Gene expression was induced at P3 by tamoxifen (TAM) subcutaneous injection. Brains were collected at P8. (B) Immunofluorescence (IF) of GFP, upper layer marker *Cux1*, and deep layer V marker *Ctip2* on a coronal slice of an electroporated brain. White box indicates the magnification image on the right side. (C) Validation of the correct expression of *Fezf2* and *Lmo4* proteins by IF of TAM-induced brains. Note that almost all GFP⁺ cells express *Lmo4* and/or *Fezf2*. Below, confocal images of high-magnification panels showing three-dimensional reconstructions of double staining. Sidebars represent projections along the x-z axes (right) and the y-z axes (below). (D) No GFP expression is detected in NO-TAM-induced brains co-electroporated with *mCherry* (in red). Scale bars: B= 1000 μ m (left, macro image) and 200 μ m (right, magnified image); C, D= 20 μ m.