

Table S01: Key Resources Table

Resource Type	Specific Reagent or Resource	Source or Reference	Identifiers	Additional Information
Add additional rows as needed for each resource type	Include species and sex when applicable.	Include name of manufacturer, company, repository, individual, or research lab. Include PMID or DOI for references; use "this paper" if new.	Include catalog numbers, stock numbers, database IDs or accession numbers, and/or RRIDs. RRIDs are highly encouraged; search for RRIDs at https://scicrunch.org/resources .	Include any additional information or notes if necessary.
Antibody	Polyclonal Rabbit Anti-Glial Fibrillary Acidic Protein	Agilent, Santa Clara, CA	Agilent Cat# GA524, RRID:AB_2811722	1:500
	Donkey Anti-Rabbit igG H+L (Alexa Fluor® 488)	Thermo Fisher Scientific, Waltham, MA	Cat.# A-21206; RRID:AB_2535792	1:250
Mounting Medium	Fluoromount G	Electron Microscopy Sciences, Hatfield, PA	Cat.#17984-25	
Chemical Compound or Drug	Ketaset	Zoetis, Parsippany-Troy Hills, NJ	Cat.# KET-00002R2	10 or 30 mg/kg, i.p.; 150 mg/kg, i.p.
	Xylazine	Covetrus, Dublin, OH	Cat. # 1XYL006	5 mg/kg, i.p.
	Prucalopride	Sigma Aldrich, St. Louis, MO	Cat.# SML1371	1.5 or 3 mg/kg, i.p.
Organism/Strain	Mouse: 129S6/SvEv	Taconic (Hudson, NY)	Cat.#129SVE-M, 129SVE-F	7 weeks of age
	Mouse: ArcCreERT2(+) x eYFP x APP/PS1	https://doi.org/10.1002/hipo.22756		
Software; Algorithm	FreezeFrame	v5		
	ClockLab	v. 6.1.11	Serial # 8239535E	
	Graphpad Prism	v. 10.4.0		
	ImageJ v.2.14.0/1.54f	https://fiji.sc/		
	R Studio v.1.1.423	https://rstudio.com/		