

Supplementary Table 4 | Key Resources Table

Reagent type (species) or resource	Designation	Source or reference	Identifiers	Additional information
strain, strain background (mouse, male)	129S6/SvEv	Taconic	129S6/SvEvTac	
genetic reagent (mouse)	ArcCreERT2(+) x eYFP	Denny et al., 2014;	RRID: IMSR_JAX:039977 (Stock no. 039977);	Bred in-house on 129S6/SvEv background
		Srinivas et al., 2001	RRID:	
			IMSR_JAX:006148 (Stock no. 006148)	
antibody	anti-GFP (chicken polyclonal)	Abcam, Cambridge, MA	Catalog No: ab13970	IF (1:2000)
antibody	Cy2 (conjugated donkey anti-chicken IgG)	Jackson ImmunoResearch, West Grove, PA	Catalog No: 703-225-155, RRID: AB_2340370	IF (1:250)
antibody	IgG anti-c-Fos (Rat monoclonal)	SySy, Goettingen, Germany	Catalog No: 226 017	IF (1:5000)
antibody	Alexa 647 (conjugated donkey anti-rat IgG)	Life Technologies, Carlsbad, CA	Catalog No: A-31573, RRID: AB_2536183	IF (1:500)
antibody	anti-VIP (Rabbit polyclonal)	Immunostar	Catalog No: 20077; RRID: AB_572270	IF (1:10000)
antibody	Alexa 488 (donkey anti-rabbit IgG)	Invitrogen, Waltham, MA	Cat.# A21206; RRID: AB_2535792	IF (1:500)
antibody	anti-AVP (mouse monoclonal)	Santa Cruz Biotechnology	Catalog No: sc-390723	IF (1:200)
antibody	Cy3 (donkey anti-mouse whole IgG)	Jackson ImmunoResearch	Catalog No: 715-165-150; RRID: AB_2340813	IF (1:500)
chemical compound, drug	4-hydroxytamoxifen (4-OHT)	Sigma-Aldrich, St. Louis, MO	Catalog No: H6278	
other	Fluoromount-G Mounting Medium	Electron Microscopy Sciences, Hatfield, PA	Cat.#17984-25	See Immunohistochemistry section
software, algorithm	ImageJ	<a href="http://fiji.sc/">http://fiji.sc/</a>		(v.1.52p)
software, algorithm	R	<a href="https://www.r-project.org/">https://www.r-project.org/</a>		(v 3.6.3)
software, algorithm	RStudio	<a href="https://posit.co/download/rstudio-desktop/">https://posit.co/download/rstudio-desktop/</a>		(2022.07.2)
software, algorithm	SMARTTR	<a href="https://github.com/mjin1812/SMARTTR">https://github.com/mjin1812/SMARTTR</a>		Maintainer: Michelle Jin (mj2947@cumc.columbia.edu)
software, algorithm	fMRIprep	<a href="https://fmriprep.org/en/stable/">https://fmriprep.org/en/stable/</a>	RRID: SCR_016216	v 20.2.3
software, algorithm	mcflirt	<a href="https://web.mit.edu/fsl_v5.0.10/fsl/doc/wiki/MCFLIRT.html">https://web.mit.edu/fsl_v5.0.10/fsl/doc/wiki/MCFLIRT.html</a>		FSL 5.0.9
software, algorithm	AFNI 20160207	<a href="https://afni.nimh.nih.gov/">https://afni.nimh.nih.gov/</a>	RRID: SCR_005927	20160207
software, algorithm	bbregister	<a href="https://surfer.nmr.mgh.harvard.edu/fswiki/bbregister">https://surfer.nmr.mgh.harvard.edu/fswiki/bbregister</a>		