Table S3. List of markers used for multiple immunofluorescence labeling

Protein target	Species	Dilution	Source	Fluorophore	Reference
Calcitonin gene-related peptide (CGRP)	guinea pig	1:1,000	Peninsula/Bachem	Cy2	16
Calbindin D28k	mouse IgG	1:1,000 - 1:2,000	Swant	Cy5	13,15
Calretinin	goat	1:1,000	Swant	Cy2	17
Cannabinoid receptor, type 1 (C-terminal)	guinea pig	1:1,000	K. Mackie	Cy2	This report
Choline acetyltransferase	goat	1:200 - 1:250	Chemicon/Millipore	Cy5	18
Doublecortin	goat	1:100	Santa-Cruz	Cy3	25,27
Glutamic acid decarboxylase 65/67 kDa isoforms	mouse IgG	1:1,000	Nordic BioSite	Cy3	24
Neuronal nuclei; clone A60 (NeuN)	mouse IgG	1:400	Chemicon/Millipore	Cy5	23
Non-phosphorylated 200 kDa neurofilament (SMI-32)	mouse IgG	1:1,000	Sternberger Monoclonals	Cy2	19,26
Parvalbumin, clone 235	mouse IgG	1:2,000	Swant	Cy2	13,14
Parvalbumin	goat	1:1,000	Swant	Cy5	13
Polysialic acid-neuronal cell adhesion molecule	mouse IgM	1:200	Chemicon/Millipore	Cy5	22
Tyrosine hydroxylase	mouse IgG	1:1,000	R&D Systems	Cy2, Cy3	21
Vasoactive intestinal polypeptide (VIP)	guinea pig	1:250	DiaSorin	Cy5	4
Vesicular glutamate transporter 1 (VGLUT1)	guinea pig	1:500	H. Hioki	Cy5	20

Panel of antibodies applied to study the distribution of secretagogin^{+} neurons in the central nervous systems of mouse and gray mouse lemur. Staining methods (11, 12) and antibody specificities were described in detail elsewhere (12--27). In particular images, immunofluorescence signals were color-coded for a better identification of fine structures. Cy, carbocyanine.