

Table S2. Comprehensive list of brain regions containing secretagogin-immunoreactive neuronal structures in mouse and grey mouse lemur brains

	Mouse	Grey mouse lemur
accumbens nucleus	●● / ++	●● / +++
anterior cortical amygdaloid nucleus	● / -	● / +
arcuate hypothalamic nucleus	●●● / +++	- / +
basal nucleus (Meynert)	- / +	●●● / +
basolateral amygdaloid nucleus	- / -	- / -
bed nucleus of the stria terminalis	●●●● / ++	●●● / +++
caudate nucleus (lemur)	n.a.	● / -
caudate putamen (mouse)	● / -	n.a.
central amygdala	●●● / ++	- / +
cortex	● / -	●● / ±
dentate gyrus	●● / +	●● / -
dorsal hypothalamic nucleus	●● / +	●● / ++
dorsal lateral geniculate nucleus	●● / ++	- / -
dorsal tegmental area	●●● / +++	●●● / +++
dorsal thalamic area	● / +	● / +
external plexiform layer of the olfactory bulb	●● / +++	● / ++
globus pallidus	- / -	- / +
glomerular layer of the olfactory bulb	●●●● / +++	●●●● / +++
granule cell layer of the olfactory bulb	●●●●● / ++	●●●●● / ++
hippocampus	● / ±	● / -
indusium griseum	●●●● / +++	●●● / -
lateral amygdaloid nucleus	- / -	- / -
lateral hypothalamic area	- / +	- / ++
lateral septal nucleus	● / ++	●● / +
locus coeruleus	● / +	● / +
medial preoptic area	●● / ++	●● / +
medial septal nucleus	- / -	●●● / ++
median eminence	- / +++	- / +++
mediodorsal thalamic nucleus	- / +	- / +
mitral cell layer of the olfactory bulb	- / ++	- / ++
nucleus of the horizontal limb of the diagonal band	- / +	●●● / ++
nucleus of the solitary tract, medial part	●● / ++	●● / +
olivary pretectal nucleus	● / +	●● / ++
paraventricular hypothalamic nucleus	●●● / +++	●●● / +++
paraventricular thalamic nucleus	- / ++	●● / +
periaqueductal grey	●● / ++	●● / ++
periventricular hypothalamic nucleus	●●● / ++	●●● / +++
putamen (lemur)	n.a.	●● / -
rostral migratory stream	- / -	●● / +
septohippocampal nucleus	●●● / +++	●● / +
subiculum	●● / +++	●● / ±

substantia nigra, compact part	- / -	- / +
substantia nigra, reticular part	- / -	- / -
superior colliculus	●●●● / ++	● / +
supraoptic nucleus	●●● / +	●●● / ++
ventral lateral geniculate nucleus	●●● / ++	- / -
ventral pallidum	●● / +++	/ +

The density of secretagogin (scgn)⁺ neurons (●) and processes (+), primarily axons, was assessed semi-quantitatively on a scale representing: lack (-), infrequent (●), moderate (●●) or dense (●●●) conglomerates of scgn⁺ neurons; or lack (-), sparse (+), moderately (++), prominent (+++) meshwork of scgn⁺ neurites. The absence of particular brain areas in either species is indicated by n.a.