Supplementary Table 1: Semi-quantitative analysis of 5αR2 immunoreactivity in major structures of the rat brain

Brain regions	Structure	R2
Olfactory areas	Main olfactory bulb	+++
	Olfactory tubercule	+++
	Olfactory tract	+++
Cortical area	Frontal	+++
	Orbital	+++
	Cingulate area 1	+++
	Cingulate area 3	+++
	Motor	++/+++
	Parietal	+++
	Piriform	+++
	Entorhinal	+++
	Insular	++
Basal ganglia	Caudate-putamen	+/++
	Accumbens shell	+++
	Accumbens core	++
	Globus pallidus	++/+++
Septum		++/+++
Amygdala	Basolateral amygdaloid nucleus	+++
	Cortical amygdaloid nucleus	++
	Central amygdaloid nucleus	++
Hippocampus	CA1 field of Ammon's horn	++
	CA2 field of Ammon's horn	++
	CA3 field of Ammon's horn	+++
	Dentate gyrus	+
Habenula	Lateral	+
	Medial	++

Brain regions	Structure	R2
Thalamus	Medial	++
	Lateral	+++
	Ventral	++
	Dorsal	++
	Reticular nucleus	+++
	Reuniens nucleus	+++
	Medial geniculate nucleus	+++
	Lateral geniculate nucleus	+++
Hypothalamus	Paraventricular nucleus	++
	Lateral	++
	Dorsomedial	+
	Arcuate nucleus	++
Midbrain	Superior colliculus	+
	Inferior colliculus	+
	Ventral tegmental area	+/++
	Substantia nigra pars compacta	++
	Substantia nigra pars reticular	+
Pons	Pontine nuclei	+
Rhombencephalon	Spinal trigeminal nucleus	++
	Locus coeruleus	+++
	Vestibular nuclei	++
	Dorsal raphe nuclei	++
	Medial raphe nuclei	++
	Inferior olivary nucleus	++/+++
Cerebellum	Purkinje cells	+++
	Molecular layer (Mo)	-
	Granule layer (Gr)	-

The degree of immunostaning intensity of 5αR2 immunoreactivity is : (+++) intense, (++) moderate , (+) weak and (-) absent. Intermediate scores are also noted because a given region often contained additional staining intensities that were readily distinguished.