

3dBAR reconstruction examples

Under construction - more examples soon.

Examples of reconstructions based on Paxinos and Watson *The Rat Brain in Stereotaxic Coordinates* created with 3D Brain Atlas Reconstructor. Meshes are presented without any additional processing such as smoothing or complexity reduction in order to fully represent source data.

	Segmented reconstruction cortex (both archi and neocortex): M1,M2 primary and secondary motor cortex RSD - retrosplenial dysgranular cortex
Reconstruction of whole brain	V1 - primary visual cortex OlfCx - olfactory cortex S2 - secondary somatosensory cortex S1ULp - primary somatosensory cortex, upper lip region.

	Segmented reconstruction of thalamus
Thalamus	LD - laterodorsal thalamic nucleus, PO - posterior thalamic nuclear group, LP - lateral posterior thalamic nucleus, DLG - dorsal lateral geniculate nucleus, MG - medial geniculate nucleus, Rt - reticular thalamic nucleus, PVA - paraventricular thalamic nucleus.

	Segmented reconstruction of pyramidal tract:
Pyramidal tract	ic - internal capsule, lfp - longitudinal fasciculus of the pons, cp - cerebral peduncles, py - pyramids