# 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.

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| Reconstruction of whole brain | Segmented reconstruction cortex<br>(both archi and neocortex):<br>M1,M2 primary and secondary motor cortex<br>RSD - retrosplenial dysgranular cortex<br>V1 - primary visual cortex<br>OlfCx - olfactory cortex<br>S2 - secondary somatosensory cortex<br>S1ULp - primary somatosensory cortex,<br>upper lip region. |
| Thalamus | Segmented reconstruction of thalamus<br>LD - laterodorsal thalamic nucleus,<br>PO - posterior thalamic nuclear group,<br>LP - lateral posterior thalamic nucleus,<br>DLG - dorsal lateral geniculate nucleus,<br>MG - medial geniculate nucleus,<br>Rt - reticular thalamic nucleus,<br>PVA - paraventricular thalamic nucleus. |
| Pyramidal tract | Segmented reconstruction<br>of pyramidal tract:<br>ic - internal capsule,<br>lfp - longitudinal fasciculus of the pons,<br>cp - celebral penducles,<br>py - pyramids |