

Supplementary material

Web page <http://www.3dbar.org/wiki/barPossumSupplement> contains the most recent versions of supplementary materials for the article:

ABSTRACT

Following supplementary materials are available:

Resources localized in the stereotaxic reference system (all volumes are represented at 50um isotropic resolution):

1. Reference MR brain volume (Download, 14MB)
2. Segmentation of the MR brain volume (Download, 0.8MB; labels description)
3. Blockface volume - affine coregistration (Download, 16.4MB)
4. Nissl-stain brain volume:
 1. Affine coregistration (Download, 17.1MB)
 2. Affine and deformable coregistration (Download, 16.8MB)
5. Myelin-stain brain volume:
 1. Affine coregistration (Download, 20.7MB)
 2. Affine and deformable coregistration (Download, 21.7MB)
6. micro-CT skull image (Download, 20.6MB)
7. Segmentation available via the 3d Brain Atlas Reconstructor Service.

Other resources (not localized in stereotaxic reference system):

Affinely coregistered individual modalities in stereotaxic coordinates:

1. Blockface volume in stereotaxic coordinate system (rgb volume) (mask)
2. Nissl brain volume in stereotaxic coordinate system (rgb volume)
3. Myelin stain-based volume in stereotaxic coordinates (rgb volume)
4. MRI volume in stereotaxic coordinates (volume) (labels)
5. Computed microtomography image of the whole skull (volume)

Deformable coregistration of histology-based reconstructions:

1. Nissl brain volume nonlinearly registered to MRI (rgb volume, 18.1MB)
2. Nissl to MRI deformation field (Download, 202MB)
3. MRI to Nissl deformation field (Download, 190MB)

4. Myelin brain volume nonlinearly coregistered to MRI (rgb volume, 23.2MB)
5. Myelin to MRI deformation field (Download, 264MB)
6. MRI to myelin deformation field (Download, 248MB)

Other resources:

7. Itk-snap label description file in polish,