

Supplementary material

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

(...)

ABSTRACT

(...)

The following supplementary materials are available:

Summary of the parameters used during the reformable reconstruction

1. See attached pdf file

Volumes localized in the stereotaxic reference system

(all volumes are represented at 50 μ m isotropic resolution)

1. Reference MR brain volume ([Download](#), 14MB),
2. Segmentation of the MR brain volume ([Download](#), 0.8MB; [labels description](#)),
3. Blockface volume - affinely coregistered with the reference MR ([Download](#), 16.4MB),
4. Nissl-stained brain volume:
 1. affinely coregistered ([Download](#), 17.1MB),
 2. deformably coregistered with MRI ([Download](#), 16.8MB)
5. Myelin-stained brain volume:
 1. affinely coregistered with MRI ([Download](#), 20.7MB),
 2. deformably coregistered with MRI ([Download](#), 21.7MB),
6. micro-CT skull image ([Download](#), 20.6MB),

Other 3D images

(not localized in stereoraxic reference frame)

1. Nissl-stained brain volume affinely registered to MRI ([rgb volume](#), 18.3MB),
2. Nissl-stained brain volume nonlinearly registered to MRI ([rgb volume](#), 18.1MB),
3. Nissl to MRI deformation field ([Download](#), 202MB),
4. MRI to Nissl deformation field ([Download](#), 190MB),

5. Myelin-stained brain volume affinely coregistered to MRI ([rgb volume](#), 22.2MB),
6. Myelin-stained brain volume nonlinearly coregistered to MRI ([rgb volume](#), 23.2MB),
7. Myelin to MRI deformation field ([Download](#), 264MB),
8. MRI to myelin deformation field ([Download](#), 248MB).

Additional online resources

1. Segmentation available via the 3d Brain Atlas Reconstructor Service.
2. Atlas available via the Scalable Brain Atlas web-based display engine for brain atlases