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 stereotaxtic reference system

(all volumes are represented at 50?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),
7. Segmentation available via the 3d Brain Atlas Reconstructor Service.
8. Atlas available via the Scalable Brain Atlas web-based display engine for brain atlases.

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 nonlineary 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 nonlineary 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