

Using atlas data as a spatial reference for a result of a realistic neural network simulation

Model download

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The Allen Mouse Brain Reference Atlas, 2011 Segmentation download the following VRLM high quality models:

- <http://www.3dbar.org:8080/getReconstruction?cafDatasetName=aba2011&structureName=grey&qualityPreset=high>
Basic cell groups and regions,
- <http://www.3dbar.org:8080/getReconstruction?cafDatasetName=aba2011&structureName=VPL&qualityPreset=high>
Ventral posterolateral nucleus of the thalamus,
- <http://www.3dbar.org:8080/getReconstruction?cafDatasetName=aba2011&structureName=SSp-bfd1&qualityPreset=high>
Primary somatosensory area, barrel field, layer 1,
- <http://www.3dbar.org:8080/getReconstruction?cafDatasetName=aba2011&structureName=SSp-bfd2Slash3&qualityPreset=high>
Primary somatosensory area, barrel field, layer 2/3,
- <http://www.3dbar.org:8080/getReconstruction?cafDatasetName=aba2011&structureName=SSp-bfd4&qualityPreset=high>
Primary somatosensory area, barrel field, layer 4,
- <http://www.3dbar.org:8080/getReconstruction?cafDatasetName=aba2011&structureName=SSp-bfd5&qualityPreset=high>
Primary somatosensory area, barrel field, layer 5,
- <http://www.3dbar.org:8080/getReconstruction?cafDatasetName=aba2011&structureName=SSp-bfd6a&qualityPreset=high>
Primary somatosensory area, barrel field, layer 6a,
- <http://www.3dbar.org:8080/getReconstruction?cafDatasetName=aba2011&structureName=SSp-bfd6b&qualityPreset=high>
Primary somatosensory area, barrel field, layer 6b.

Download also a model of a of the barrel cortex collumn. Unwrap downloaded archives.