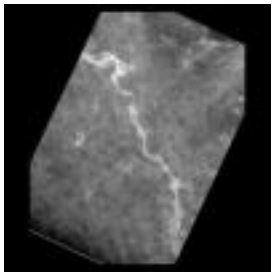
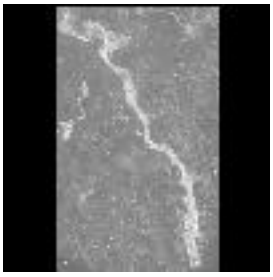
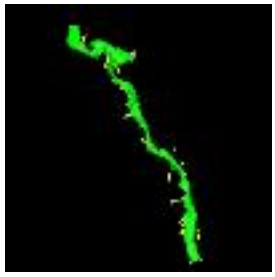
Cell Centered Database
University of California, San Diego
maryann@ncmir.ucsd.edu

Microscopy Product #:3652 tg6dkg14a

For the most updated information, please visit
http://ccdb.ucsd.edu/CCDBWebSite/main?event=displaySum&mpid=3652

Image2D	Reconstruction	Segmentation
		

Project Information:

PROJECT_ID	P1207
PROJECT_NAME	Correlative microscopic characterization of dendritic spines in a transgenic mouse model of hyperdopaminergia: The dopamine transporter knockout mouse
PROJECT_DESCRIPTION	Multiscale characterization of DAT KO transgenic mouse
LEADER	Diana Price
FUNDING_AGENCY	NIH
PROJECT_START_DATE	2003-01-01 00:00:00.0
PROJECT_END_DATE	
COLLABORATORS	Aki Laakso, Michele Cyr, Maryann Martone, Naoko Yamada, Andrea Thor, Monica Berlanga
PUBLICATION1	
PUBLICATION2	
PUBLICATION3	

Experiment Information -	
PURPOSE	Tomographic reconstruction of spiny dendrites from medium spiny neurons in a dopamine transporter knock out mouse using diolistic labeling
TITLE	P1207 Experiment 6
EXPERIMENTER	Diana Price and Andrea Thor
EXPERIMENT_NAME	
EXPERIMENT_DATE	

Subject Information -	
GROUP_BY	genetic manipulation
SUBJECT_NAME	DATKO
FIXATION_METHOD_ID	
SCIENTIFIC_NAME	mus musculus
SPECIES	mouse
STRAIN	B6;129-/Slc6a3 tm2Mca
AGE	days
AGECLASS	adult
ANIMAL_NAME	
LITTER_ID	
SEX	unspecified
VENDOR	
WEIGHT	grams

Tissue -	
ANATOMIC_LOCATION	ventral lateral striatum Cell 060504d
MICROTOME	ultramicrotome
ORIENTATION	coronal
THICKNESS	4 um
TISSUE_PROD_STORAGE	
EXTERNAL_FILE_NAME	
TISSUE_GROUP_TYPE	

Microscopy Product Information -	
MICROSCOPY_PRODUCT_ID	3652
IMAGE_BASENAME	tg6dkg14a
CREATE_DATE	
INSTRUMENT	Hitachi 3MeV UHVEM
MICROSCOPE_TYPE	UHVEM
PLANE_COUNT	1
PRODUCT_TYPE	SINGLE TILT
PURL	
SESSION_NAME	
TELESCIENCE_SRB	P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652
X_RESOLUTION	nm/pixels
Y_RESOLUTION	nm/pixels
XSIZE	
YSIZE	

Protocol:

Add diolistics protocol

Image Type -	

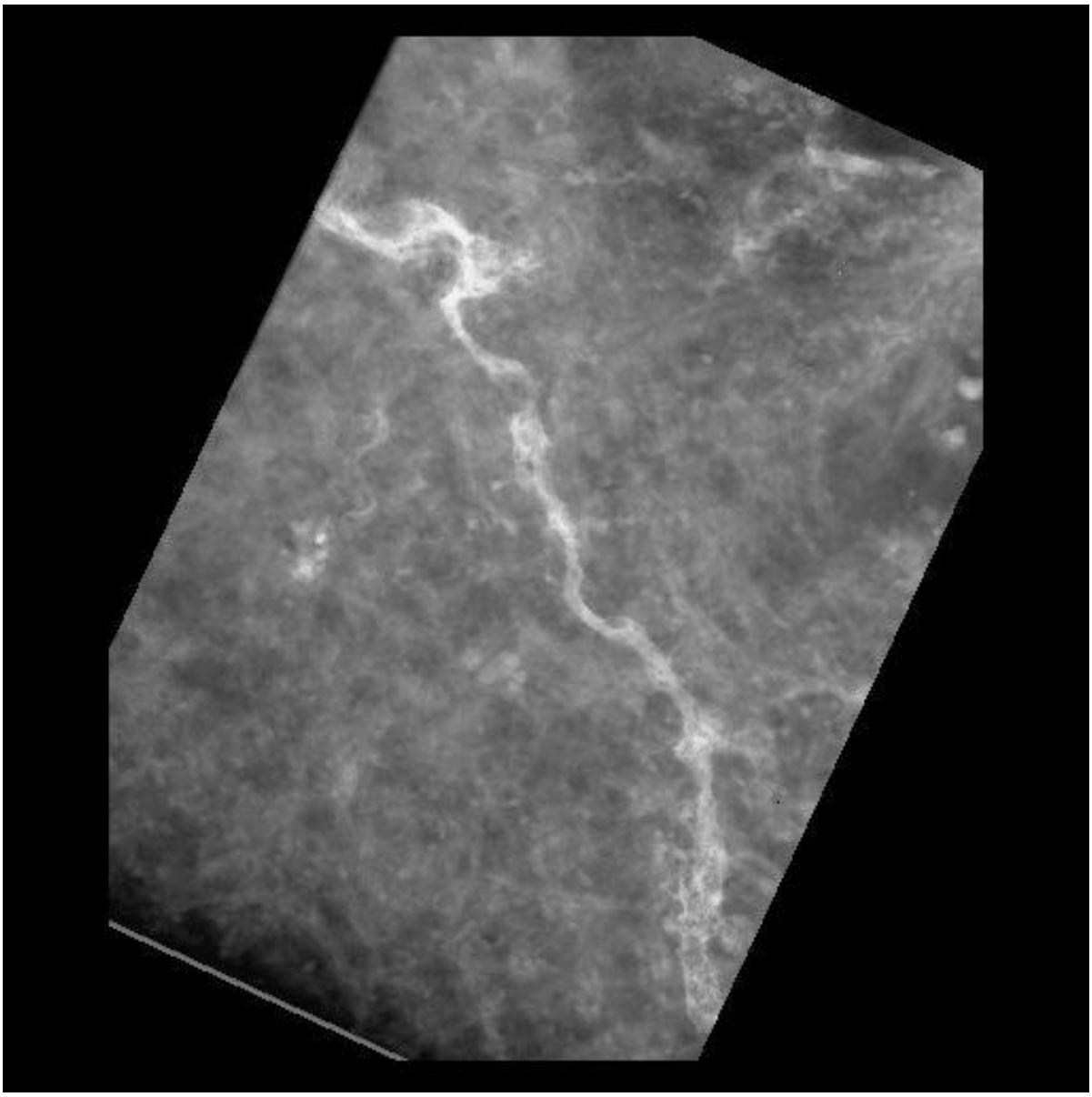
Image Type -	
SINGLE_TILT_IMAGE_SEQ_ID	6121
TILT_INCREMENT	2 degrees
SINGLET_DESC	single tilt series of photoconverted spiny dendrite
SINGLETILTIMAGESEQ_ID	6121
TILT_INCREMENT	2 degrees
RANGE_MAX	66 degrees
RANGE_MIN	-66 degrees
SINGLET_DESC	single tilt series of photoconverted spiny dendrite

Specimen Description -	
ANATOMICAL_DETAIL	6155
ATLAS_COORD	, ,
CELL_TYPE	medium spiny neuron
ORGAN	brain
REGION	neostriatum
STRUCTURE	spiny dendrite
SYSTEM	central nervous system

Electron Microscopy Product -	
EM_PRODUCT_ID	6155
ACCELERATING_VOLTAGE	3 MeV
EMBEDDING_MEDIUM	resin
MAGNIFICATION	3000
RECORDING_MEDIUM	film

Raw 2D Image

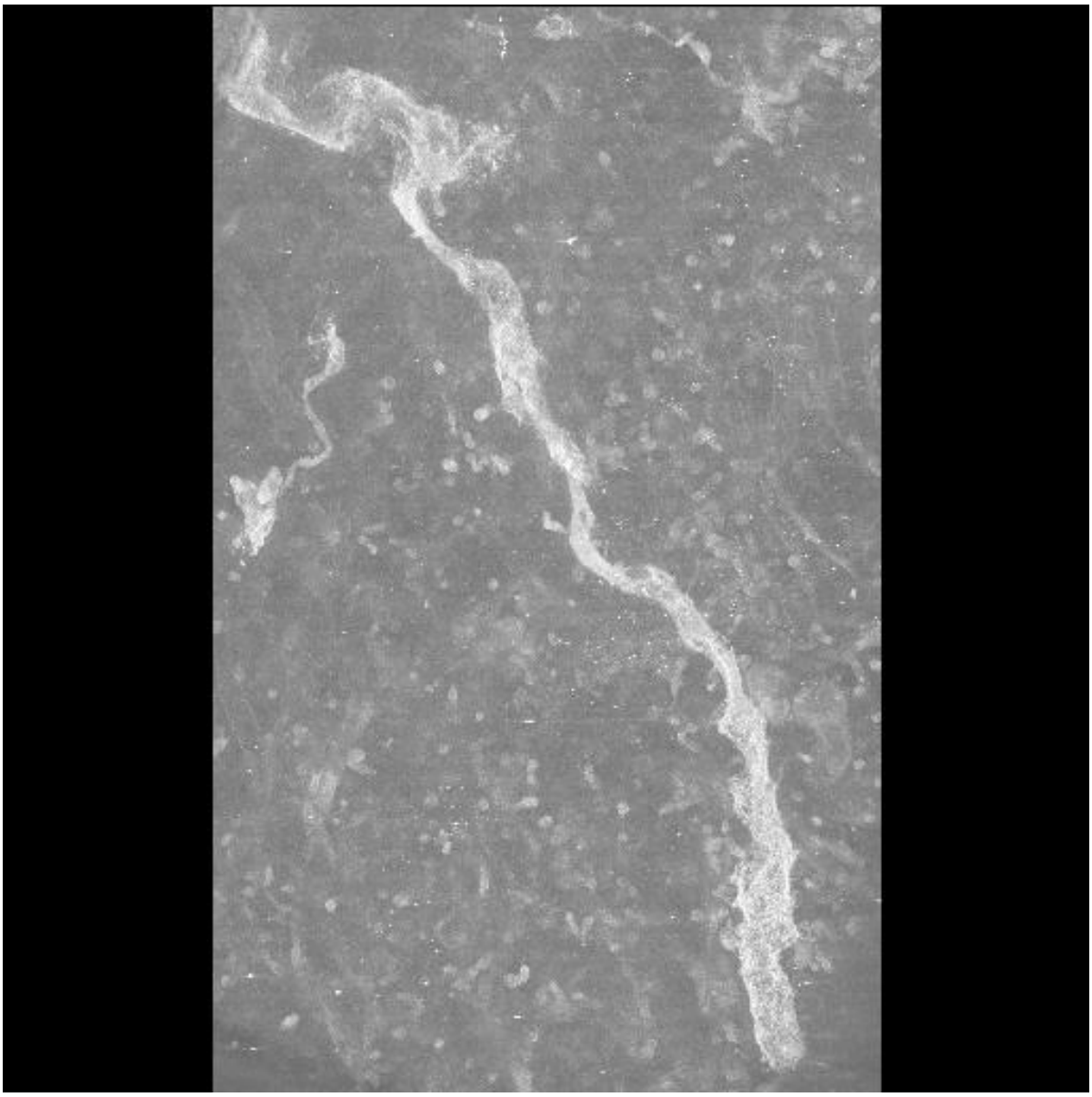
Raw Low Resolution 2D Image -



Raw 2D Image -	
IMAGE2D_ID	6138
BIT_DEPTH	16 bit
DIGITIZED_BY	Masako Terada
DIGITIZING_PLATFORM	Nikon SuperCool Scan 9000ED
IMAGE_DESC	Tar file containing IMOD files (tg6dkg14a.com/.log/.st/.preali/.fid/.rawtlt) used for the alignment and the original tiff images (in the TIFF folder in the format tg6dkg14a000.tif.gz)
IMAGE_FILE_FORMAT	imod
IMAGE_FILE_NAME	/usr/local/tomcat/webapps/FileUploadTool/temp_file_upload/tg6dkg14a_img.jpg
MAGNIFICATION	3000 X
RAW_ANIMATION_DESC	Animation of aligned electron microscopic tilt series of a spiny dendrite from medium spiny neurons in a dopamine transporter knock out mouse using diolistic labeling, imaged using ultra high voltage electron microscopy. Tilt series was obtained at 2 degree increments through +/-66 degrees of tilt.
RAW_ANIMATION_FILE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_img.mpg
RAW_DATA_FILE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_img.tar
THUMBNAIL_DESC	Electron micrograph of a spiny dendrite from medium spiny neurons in a dopamine transporter knock out mouse using diolistic labeling, imaged using ultra high voltage electron microscopy.
THUMBNAIL_FILE	/usr/local/tomcat/webapps/FileUploadTool/temp_file_upload/tg6dkg14a_img_thmb.jpg
X_SIZE	2689 pixels
Y_SIZE	4006 pixels

Reconstruction

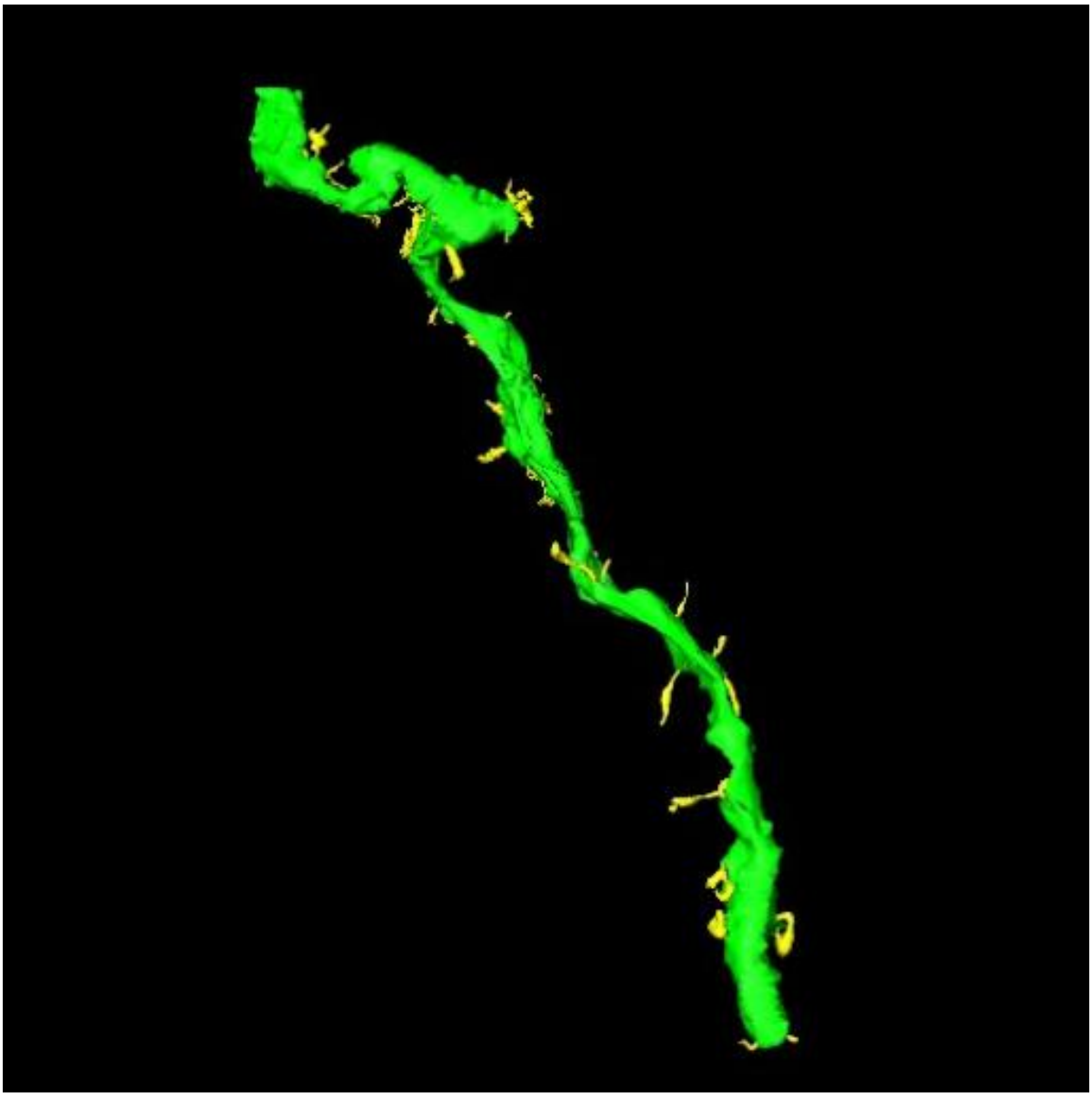
Reconstruction Image -



Reconstruction -	
RECONSTRUCTION3D_ID	6120
ALIGNMENT_METHOD	Imod
ALIGNMENT_PROGRAM	IMOD
CROPPING_COORDINATE1	,
CROPPING_COORDINATE2	,
IMAGE_MAP_FILE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a.imagemap.tiff
RECON_ALGORITHM	R-weighted back projection
RECON_DESC	Tar file containing the the IMOD .hdr/.img files for the of the electron tomograph (tg6dkg14a_an_sub.hdr/.img)
RECON_PROGRAM	IMOD
RECON_TYPE	single tilt electron tomography
VOLUME_DIMENSION	2689, 4006, 500
VOLUME_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_vol.tar
VOXEL_SCALE	, ,
RECONSTRUCTION_IMAGES_ID	6120
RECON_IMAGE_DESC	Electron micrograph of of spiny dendrites from medium spiny neurons in a dopamine transporter knock out mouse using diolistic labeling, imaged using ultra high voltage electron microscopy.
RECON_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_vol.jpg
VOLUME_THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_vol_thumb.jpg
ANIMATION_FILE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_SBSvol.qt
ANIMATION_FILE_FORMAT	Quicktime
ANIMATION_DESC	Animation of aligned electron microscopic tilt series of a spiny dendrite from medium spiny neurons in a dopamine transporter knock out mouse using diolistic labeling, imaged using ultra high voltage electron microscopy. Tilt series was obtained at 2 degree increments through +/- 66 degrees of tilt. Note: contrast has been reversed so that labeled dendrite appears bright and unstained tissue appears dark.

Segmentation

Segmentation Image -



Segmentation -	
SEGMENTED_OBJECT_ID	6694
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6717
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6730
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6709
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6729
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6678
ANALYSIS_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/segmented_object_input_template.xls
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6686
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6700
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6699
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6702
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6728
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6692
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6697
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6688
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6689
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6696
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6713
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6725
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6706
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6708
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6710
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6711
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6714
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6719
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6720
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6722
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6723
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6727
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6679
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6680
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6690
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6705
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6691
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6726
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6703
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6707
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6716
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6685
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6698
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6687
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6701
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6704
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6695
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6715
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6712
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6721
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6718
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6681
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6724
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6683
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6682
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6684
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6693
DISPLAY_IMAGE_DESC	Surface rendering of a spiny dendrite from a medium spiny neuron in the neostriatum of a dopamine transporter knock out mouse that were manually segmented and then surfaced. Each spine was segmented separately. The dendritic shaft is rendered in green and the spines are multiple colors.
DOWNLOADABLE_FILE_DESC	Tar file containing Xvoxtrace files (tg6dkg14a.trace and viewdata), Synu files (shaft.synu, Spine_01.synu, Spine_02.synu, etc.) and the Analyze volume (tg6dkg14a_res2.img/.hdr) for the segmentation. Also includes the image map file in tiff format (tg6dkg14a.imagemap.tiff).
IS_MANUAL	Y
LABELING_RANK	none
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.jpg
SEGMENT_PERSON_NAME	masako terada
SEG_ALGORITHM	Xvoxtrace
SEG_DESC	dendritic shaft and spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_3414/Subject_120/Tissue_138/Microscopy_3652/tg6dkg14a_seg_thumb.jpg

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ACKNOWLEDGEMENT

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Martone, M. E., Gupta, A., Wong, M., Qian, X., Sosinsky, G., Ludaescher, B., and Ellisman, M. H. A cell centered database for electron tomographic data. J. Struct. Biology 138: 145-155, 2002.

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The Cell Centered Database is supported by NIH grants from NCRR RR04050, RR RR08605 and the Human Brain Project DA016602 from the National Institute on Drug Abuse, the National Institute of Biomedical Imaging and Bioengineering and the National Institute of Mental Health, and NSF grants supporting the National Partnership for Advanced Computational Infrastructure NSF-ASC 97-5249 and MCB-9728338.

Maryann Martone