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

Microscopy Product #:3587 wt_g21A2

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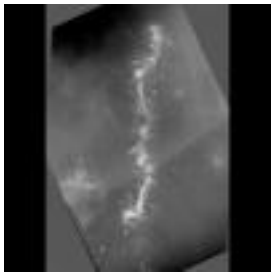
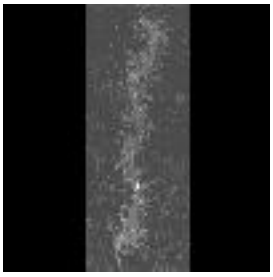
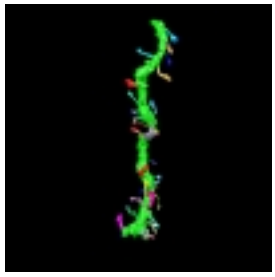
http://ccdb.ucsd.edu/CCDBWebSite/main?event=displaySum&mpid=3587

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	EMT reconstructions of medium spiny neuron dendrites
TITLE	P1207 Experiment 5
EXPERIMENTER	Diana Price, Masako Terada, Andrea Thor
EXPERIMENT_NAME	
EXPERIMENT_DATE	2003-04-22 00:00:00.0

Subject Information -	
GROUP_BY	genetic manipulation
SUBJECT_NAME	wildtype/control
FIXATION_METHOD_ID	
SCIENTIFIC_NAME	Mus Musculus
SPECIES	Mouse
STRAIN	C57BL/129SvJ
AGE	7 months
AGECLASS	Adult
ANIMAL_NAME	
LITTER_ID	
SEX	male
VENDOR	
WEIGHT	34 grams

Tissue -	
ANATOMIC_LOCATION	ventral medial striatum
MICROTOME	ultramicrotome
ORIENTATION	coronal
THICKNESS	4 um
TISSUE_PROD_STORAGE	
EXTERNAL_FILE_NAME	
TISSUE_GROUP_TYPE	correlated electron microscopy

Microscopy Product Information -	
MICROSCOPY_PRODUCT_ID	3587
IMAGE_BASENAME	wt_g21A2
CREATE_DATE	2005-08-01 00:00:00.0
INSTRUMENT	Hitachi UHVEM 3MeV
MICROSCOPE_TYPE	UHVEM
PLANE_COUNT	
PRODUCT_TYPE	SINGLE TILT
PURL	
SESSION_NAME	
TELESCIENCE_SRB	P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587
X_RESOLUTION	nm/pixels
Y_RESOLUTION	nm/pixels
XSIZE	
YSIZE	

Protocol:

N/A

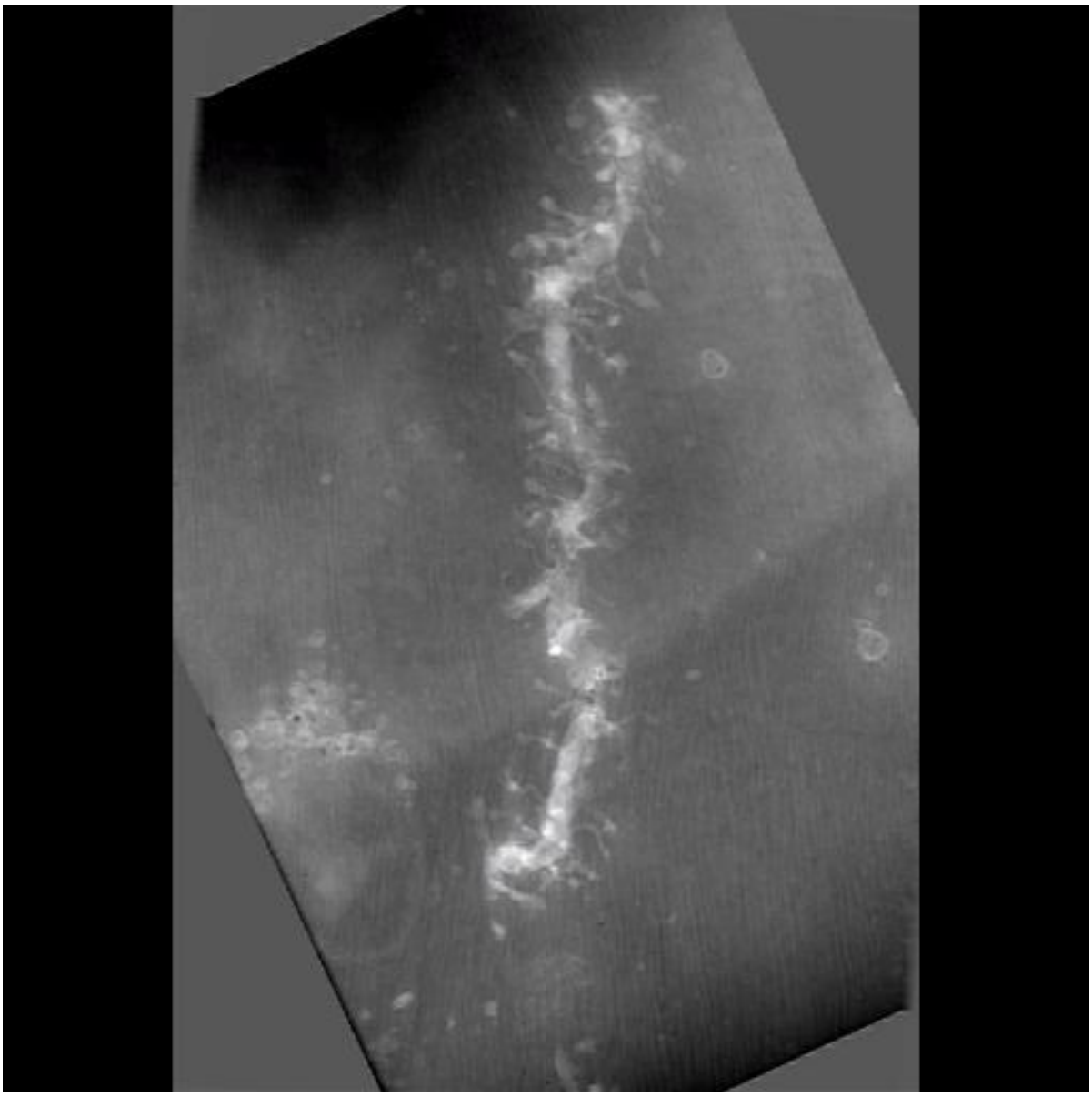
Image Type -	
SINGLE_TILT_IMAGE_SEQ_ID	6066
TILT_INCREMENT	2 degrees
SINGLET_DESC	single tilt series of photoconverted spiny dendrite
SINGLETILTIMAGESEQ_ID	6066
TILT_INCREMENT	2 degrees
RANGE_MAX	64 degrees
RANGE_MIN	-64 degrees
SINGLET_DESC	single tilt series of photoconverted spiny dendrite

Specimen Description -	
ANATOMICAL_DETAIL	6087
ATLAS	Paxinos and Frankliln, 2000
ATLAS_COORD	1.375, -3.825, .5
CELL_ID	050803a
CELL_TYPE	medium spiny neuron
ORGAN	brain
REGION	neostriatum
STRUCTURE	spiny dendrite
SYSTEM	central nervous

Electron Microscopy Product -	
EM_PRODUCT_ID	6088
ACCELERATING_VOLTAGE	3 MeV
EMBEDDING_MEDIUM	resin
MAGNIFICATION	3000
RECORDING_MEDIUM	film

Raw 2D Image

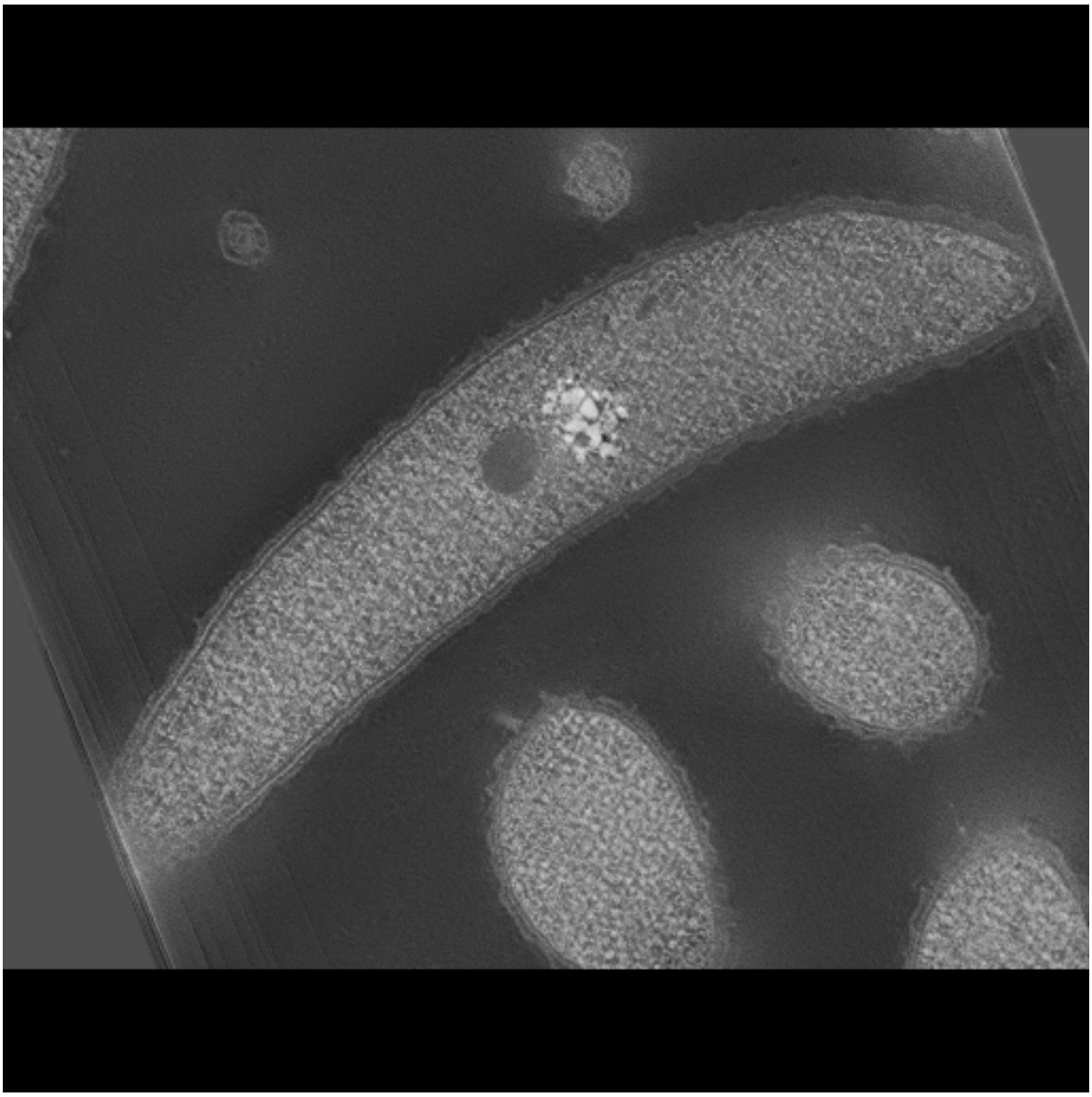
Raw Low Resolution 2D Image -



Raw 2D Image -	
IMAGE2D_ID	6077
BIT_DEPTH	12 bit
DIGITIZED_BY	Masako Terada
DIGITIZING_PLATFORM	Nikon SuperCool Scan 9000ED
IMAGE_DATE	2005-11-23 00:00:00.0
IMAGE_DESC	Tar file containing IMOD files (wt_g21A2_bin3.com/.log/.st/.preali/.fid/.rawtlt) used for the alignment and the original tiff images (in the TIFF folder in the format wt_g21A2000.tif)
IMAGE_FILE_FORMAT	imod
IMAGE_FILE_NAME	/usr/local/tomcat/webapps/FileUploadTool/temp_file_upload/3587_raw_512x512.jpg
MAGNIFICATION	3000 X
RAW_ANIMATION_DESC	Rotation loop through a maximum intensity projection of a selectively stained spiny dendrite from a striatal medium spiny neuron from the neostriatum of a wildtype mouse. Tilt series was obtained at 2 degree increments through +/-66 degrees of tilt.
RAW_ANIMATION_FILE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3.tilt.mpg
RAW_DATA_FILE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_img.tar
THUMBNAIL_DESC	A 512 by 512 image of a zero degree tilt image of a 4 um thick section through a selectively stained spiny dendrite from a striatal medium spiny neuron in the neostriatum of a wildtype mouse.
THUMBNAIL_FILE	/usr/local/tomcat/webapps/FileUploadTool/temp_file_upload/3587_raw_512x512_thmb.jpg
X_SIZE	897 pixels
Y_SIZE	1300 pixels

Reconstruction

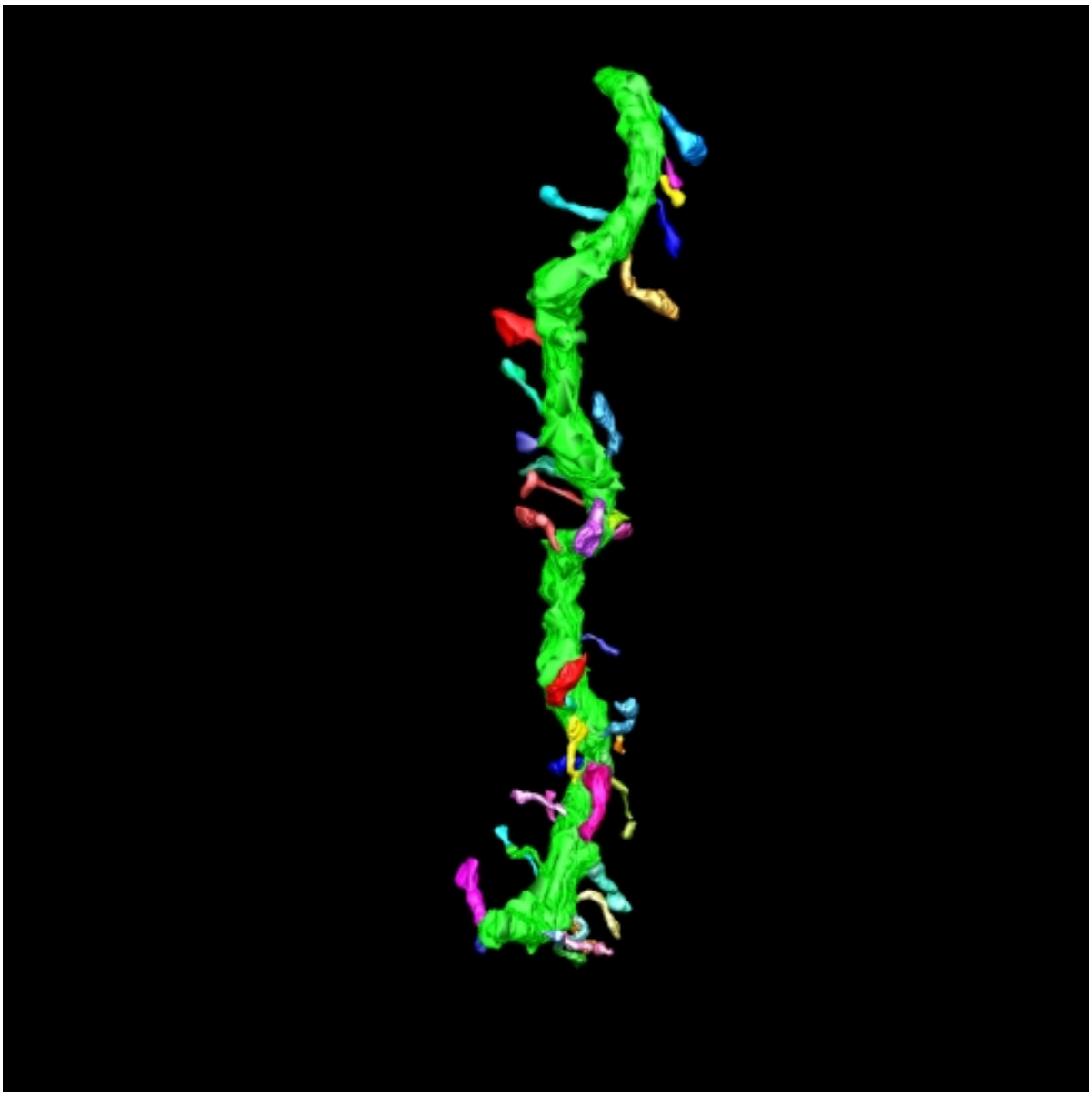
Reconstruction Image -



Reconstruction -	
RECONSTRUCTION3D_ID	6068
ALIGNMENT_METHOD	Imod
ALIGNMENT_PROGRAM	IMOD
CORRELATED_VOLUME_NAME	wt_g21A2_bin3_full.rec
CROPPING_COORDINATE1	,
CROPPING_COORDINATE2	,
RECON_ALGORITHM	R-weighted back projection
RECON_DATE	2005-11-23 00:00:00.0
RECON_DESC	a .tar file containing both the mrc .rec and the Analyze version of the reconstructed volume.
RECON_PROGRAM	IMOD
RECON_TYPE	single tilt electron tomography
VOLUME_DIMENSION	897, 1300, 200
VOLUME_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_vol.tar
VOXEL_SCALE	, ,
RECONSTRUCTION_IMAGES_ID	6068
RECON_IMAGE_DESC	Maximum intensity projection of a tomographic reconstruction of a selectively stained spiny dendrite from a striatal medium spiny neuron from the neostriatum of a wildtype mouse.
RECON_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1220/Experiment_3374/Subject_145/Tissue_160/Microscopy_3660/caulodouble2_rec170_512.jpg
VOLUME_THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_thumb_vol.jpg
ANIMATION_FILE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3.slicebyslice.mpg
ANIMATION_FILE_FORMAT	mpg
ANIMATION_DESC	Rotation loop through a maximum intensity projection of a selectively stained spiny dendrite from a striatal medium spiny neuron from the neostriatum of a wildtype mouse. Tilt series was obtained at 2 degree increments through +/- 66 degrees of tilt.

Segmentation

Segmentation Image -



Segmentation -	
SEGMENTED_OBJECT_ID	6349
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6350
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6351
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6344
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6319
ANALYSIS_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/segmented_object_input_template_wt_g21A2.xls
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6336
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6326
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6352
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6327
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6353
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6328
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6354
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6330
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6332
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6355
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6333
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6358
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6334
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6359
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6320
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6324
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6341
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6329
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6321
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6322
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6343
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6335
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6342
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6337
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6360
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6362
ANALYSIS_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_19/Tissue_33/Microscopy_3564/segmented_object_input_template_wt2g38.xls
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6338
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6339
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6340
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6356
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6361
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6357
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6323
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6325
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6345
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6331
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6346
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6348
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.jpg

Segmentation -	
SEGMENTED_OBJECT_ID	6347
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
ANALYZE_DESC	Manually segmented spiny dendrite shaft and attached spines. 43 spines and one shaft object have been segmented with volume and surface measurements taken for all. Partial spines are noted with a "p" in the object name and measurements have not been recorded for these processes.
DISPLAY_IMAGE_DESC	512x512 image of the surface segmentation of the spiny dendrite specimen.
DOWNLOADABLE_FILE_DESC	Tar file containing the IMOD files for the segmentation (wt_g21A2_bin3.mod)
IS_MANUAL	Y
LABELING_RANK	none
NOTES	Partial spines are noted with a "p" in the object name. Subsequently, no measurements have been made on these objects.
NUMBER_OF_OBJECT	0
SEGMENTED_OBJ_2D_IMAGE	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg512.jpg
SEGMENT_PERSON_NAME	Masako Terada
SEG_DESC	Spiny dendrite shaft and dendritic spines
SEG_FILE_NAME	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_bin3_seg.tar
THUMBNAIL	/telescience/home/CCDB_DATA_USER.portal/P1207/Experiment_19/Subject_49/Tissue_122/Microscopy_3587/wt_g21A2_seg100.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.

In addition, the support for the Cell Centered Database should be included in the acknolwedgement section of any publication:

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