Dependency Report

The Dependency Report shows dependencies among MATLAB files in a folder (Learn More)

Rerun This Report | Run Report on Current Folder

Show child functions | Show parent functions (current folder only)
Show subfunctions

Built-in functions and files in toolbox/matlab are not shown

Report for Folder C:\Users\yinka\Documents\CCNY\Rumschitzki Group\Dataverse\Continuous Tumor Growth Model\Heilmann-fish-image-analysis-mod

MATLAB File List	Children (called functions)			Parents (calling function
CreateFishStructNested_Silja_v2_0	current dir	:	CreateFishStruct_Silja_step1_v2_0	runCreateFishSt
	nested-function	:	CreateFishStruct_eliminations_v1_1	
	nested-function	:	CreateFishStruct_gender_noData_v1_0	
	nested-function	:	CreateFishStruct_identify_byNumber_v1_0	
	nested-function	:	CreateFishStruct_step10_v1_3	
	nested-function	:	CreateFishStruct_step11_v2_2	
	nested-function	:	CreateFishStruct_step12_v2_1	
	nested-function	:	CreateFishStruct_step13_v2_9	
	nested-function	:	CreateFishStruct_step15_v1_1	
	nested-function	:	CreateFishStruct_step16_v1_5	
	nested-function	:	CreateFishStruct_step2_v1_6	
	nested-function	:	CreateFishStruct_step3_v1_1	
	nested-function	:	CreateFishStruct_step4_v1_3	
	nested-function	:	CreateFishStruct_step5_v1_2	
	nested-function	:	CreateFishStruct_step6_v1_4	
	nested-function	:	CreateFishStruct_step7_v2_3	
	nested-function	:	CreateFishStruct_step8_v1_3	
	nested-function	:	CreateFishStruct_step9_v2_1	
	nested-function	:	access_fish_struct_v5_1	
CreateFishStructNested_Silja_v2_0>CreateFishStruct_step2_v1_6	toolbox	:	\images\images\bwareaopen.m	CreateFishStruc
	toolbox	:?	Multiple class methods match bwmorph.m	CreateFishStruc
	toolbox	:	\images\images\graythresh.m	
	toolbox	:	\images\images\imbinarize.m	
	toolbox	:	\images\imuitools\imshowpair.m	
	current dir	:	plotBWOutline_v1_0	
CreateFishStructNested_Silja_v2_0>CreateFishStruct_step3_v1_1	toolbox	:	\images\imuitools\imshowpair.m	CreateFishStruc
				CreateFishStruc
CreateFishStructNested_Silja_v2_0>CreateFishStruct_step4_v1_3	toolbox	:	\images\images\bwareaopen.m	CreateFishStruc
	toolbox	:?	Multiple class methods match bwmorph.m	CreateFishStruc
	toolbox	:	\images\images\graythresh.m	
	toolbox	:	\images\images\imbinarize.m	
	toolbox	:?	Multiple class methods match imfill.m	
	toolbox	:	\images\imuitools\imshowpair.m	
	current dir	:	smoothBW_mod	
CreateFishStructNested_Silja_v2_0>CreateFishStruct_step5_v1_2	toolbox	:?	Multiple class methods match imrotate.m	CreateFishStruc
	toolbox	:	\images\imuitools\imshowpair.m	CreateFishStruc
	current dir	:	find_rot_angle_mod2	
	nested-function	:	shiftAndCut	
CreateFishStructNested_Silja_v2_0>shiftAndCut	toolbox	:	\images\images\imcrop.m	CreateFishStruc
				CreateFishStruc
CreateFishStructNested_Silja_v2_0>CreateFishStruct_step6_v1_4	toolbox	:	\images\images\bwboundaries.m	CreateFishStruc
	current dir	:	return_body_outlines_mod6	CreateFishStruc
CreateFishStructNested_Silja_v2_0>CreateFishStruct_step8_v1_3	toolbox	:	\images\images\bwboundaries.m	CreateFishStruc
	toolbox	:?	Multiple class methods match bwlabel.m	CreateFishStruc
	toolbox	:	\images\images\imfindcircles.m	
	toolbox	:?	Multiple class methods match regionprops.m	
	toolbox	:	\images\imuitools\viscircles.m	
	current dir	:	return_eye_outline_mod4	
CreateFishStructNested_Silja_v2_0>CreateFishStruct_step7_v2_3	toolbox	:	\images\images\bwboundaries.m	CreateFishStruc
	toolbox	:	\images\imuitools\imshowpair.m	
	current dir	:	getBodyEndPoint_v1_0	
	current dir	:	return_spine_outline_mod6	
	current dir	:	smoothBW_mod	
CreateFishStructNested_Silja_v2_0>CreateFishStruct_step9_v2_1	toolbox	:	\images\images\bwboundaries.m	CreateFishStruc
	toolbox	:	\images\images\imref2d.m	CreateFishStruc
	toolbox	:?	Multiple class methods match imwarp.m	
	toolbox	:?	Multiple class methods match regionprops.m	
	toolbox	:	\images\imuitools\imshowpair.m	
	toolbox	:	\nnet\nnet\nndatafun\sumsqr.m	
	current dir	:	getTransformPointsAsArray	
	nested-function	:	getTransformation	
	current dir	:	return_spine_coor_T_mod2	
CreateFishStructNested_Silja_v2_0>getTransformation	toolbox	:	\images\images\fitgeotrans.m	CreateFishStruc
				CreateFishStruc
CreateFishStructNested_Silja_v2_0>CreateFishStruct_step10_v1_3	current dir	:	MergeBF	CreateFishStruc

	toolbox	:? Multiple class methods match regionprops.m	CreateFishStruc
CreateFishStructNested_Silja_v2_0>CreateFishStruct_identify_byNumber_v1_0	toolbox	: \bioinfo\biodemos\suptitle.m	CreateFishStruc
	toolbox	: \images\images\imcrop.m	
CreateFishStructNested_Silja_v2_0>CreateFishStruct_gender_noData_v1_0			CreateFishStruc
CreateFishStructNested_Silja_v2_0>CreateFishStruct_step11_v2_2	toolbox	: \images\images\bwboundaries.m	CreateFishStruc
	toolbox	: \images\images\fitgeotrans.m	CreateFishStruc
	toolbox	: \images\images\imref2d.m	
	toolbox	:? Multiple class methods match imwarp.m	
	current dir	: alignBW_v2_0	
	current dir	: getTailEdgeImage_v1_0	
	current dir	: return_spine_coor_T_mod2	
CreateFishStructNested_Silja_v2_0>CreateFishStruct_step12_v2_1	toolbox	: \images\images\imref2d.m	CreateFishStruc
	toolbox	:? Multiple class methods match imwarp.m	CreateFishStruc
CreateFishStructNested_Silja_v2_0>CreateFishStruct_step13_v2_9	current dir	: Merge	CreateFishStruc
	toolbox	: \images\images\bwareaopen.m	CreateFishStruc
	toolbox	: \images\images\bwboundaries.m	
	toolbox	:? Multiple class methods match bwlabel.m	
	toolbox	:? Multiple class methods match bwmorph.m	
	toolbox	: \images\images\imbinarize.m	
	toolbox	:? Multiple class methods match imfill.m	
	current dir	: removeOverlappingRegions_v1_0	
	current dir	: return_side_mod13	
CreateFishStructNested_Silja_v2_0>CreateFishStruct_step14_v1_1	toolbox	: \images\images\bwboundaries.m	
	toolbox	:? Multiple class methods match bwmorph.m	
CreateFishStructNested_Silja_v2_0>CreateFishStruct_step15_v1_1	current dir	: return_clustered_L_mod	CreateFishStruc
	current dir	: return_dist_matrix	CreateFishStruc
CreateFishStructNested_Silja_v2_0>CreateFishStruct_step16_v1_5	current dir	: return_L_divided_mod7	CreateFishStruc
			CreateFishStruc
CreateFishStructNested_Silja_v2_0>CreateFishStruct_eliminations_v1_1			CreateFishStruc
			CreateFishStruc
CreateFishStructNested_Silja_v2_0>CreateFishStruct_step17_v1_1	toolbox	: \images\images\bwboundaries.m	
	toolbox	: \images\images\cp2tform.m	
	toolbox	: \images\images\imbinarize.m	
	toolbox	: \images\images\imtransform.m	
	toolbox	:? Multiple class methods match regionprops.m	
	toolbox	: \images\imuitools\imshowpair.m	
	current dir	: return_fish_length	
	current dir	: return_front_coor_Std	
	current dir	: return_spine_coor_Std	
	current dir	: smoothBW_mod	
CreateFishStructNested_Silja_v2_0>CreateFishStruct_step18_v1_1	toolbox	: \images\images\bwboundaries.m	
	toolbox	:? Multiple class methods match bwmorph.m	
	toolbox	: \images\images\imtransform.m	
CreateFishStructNested_Silja_v2_0>access_fish_struct_v5_1	current dir	: MergeBF	CreateFishStruc
	toolbox	:? Multiple class methods match bwmorph.m	CreateFishStruc
	toolbox	:? Multiple class methods match im2uint8.m	
	toolbox	: \images\images\poly2mask.m	
	toolbox	:? Multiple class methods match regionprops.m	
	toolbox	: \nnet\nnet\nndatafun\sumsqr.m	
	current dir	: return_sub_listL	
CreateFishStructNested_Silja_v2_0>CreateFishStruct_step19_v1_2			
CreateFishStructNested_v4_1	nested-function	: CreateFishStruct_eliminations_v1_1	runCreateFishSt
	nested-function	: CreateFishStruct_gender_v1_2	
	nested-function	: CreateFishStruct_identify_v2_1	
	nested-function	: CreateFishStruct_step10_v1_3	
	nested-function	: CreateFishStruct_step11_v2_2	
	nested-function	: CreateFishStruct_step12_v2_1	
	nested-function	: CreateFishStruct_step13_v2_9	
	nested-function	: CreateFishStruct_step15_v1_1	
	nested-function	: CreateFishStruct_step16_v1_5	
	current dir	: CreateFishStruct_step1_v2_1	
	nested-function	: CreateFishStruct_step2_v1_6	
	nested-function	: CreateFishStruct_step3_v1_1	
	nested-function	: CreateFishStruct_step4_v1_3	
	nested-function	: CreateFishStruct_step5_v1_2	
	nested-function	: CreateFishStruct_step6_v1_4	
	nested-function	: CreateFishStruct_step7_v2_2	
	nested-function	: CreateFishStruct_step8_v1_3	
	nested-function	: CreateFishStruct_step9_v2_1	
	nested-function	: access_fish_struct_v5_1	
CreateFishStructNested_v4_1>CreateFishStruct_step2_v1_6	toolbox	: \images\images\bwareaopen.m	CreateFishStruc
	toolbox	:? Multiple class methods match bwmorph.m	CreateFishStruc
	toolbox	: \images\images\graythresh.m	
	toolbox	: \images\images\imbinarize.m	
	toolbox	: \images\imuitools\imshowpair.m	
	current dir	: plotBWOutline_v1_0	
CreateFishStructNested_v4_1>CreateFishStruct_step3_v1_1	toolbox	: \images\imuitools\imshowpair.m	CreateFishStruc

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CreateFishStructNested_v4_1>CreateFishStruct_step4_v1_3	toolbox toolbox toolbox toolbox toolbox toolbox current dir	: :? : : :? : :	\images\images\bwareaopen.m Multiple class methods match bwmorph.m \images\images\graythresh.m \images\images\imbinarize.m Multiple class methods match imfill.m \images\imuitools\imshowpair.m smoothBW_mod	CreateFishStruc CreateFishStruc
CreateFishStructNested_v4_1>CreateFishStruct_step5_v1_2	toolbox toolbox current dir nested-function	:? : : :	Multiple class methods match imrotate.m \images\imuitools\imshowpair.m find_rot_angle_mod2 shiftAndCut	CreateFishStruc CreateFishStruc
CreateFishStructNested_v4_1>shiftAndCut	toolbox	:	\images\images\imcrop.m	CreateFishStruc CreateFishStruc
CreateFishStructNested_v4_1>CreateFishStruct_step6_v1_4	toolbox current dir	: :	\images\images\bwboundaries.m return_body_outlines_mod6	CreateFishStruc CreateFishStruc
CreateFishStructNested_v4_1>CreateFishStruct_step8_v1_3	toolbox toolbox toolbox toolbox toolbox current dir	: :? : :? : :	\images\images\bwboundaries.m Multiple class methods match bwlabel.m \images\images\imfindcircles.m Multiple class methods match regionprops.m \images\imuitools\viscircles.m return_eye_outline_mod4	CreateFishStruc CreateFishStruc
CreateFishStructNested_v4_1>CreateFishStruct_step7_v2_2	toolbox toolbox current dir current dir current dir	: : : : :	\images\images\bwboundaries.m \images\imuitools\imshowpair.m getBodyEndPoint_v1_0 return_spine_outline_mod5 smoothBW_mod	CreateFishStruc
CreateFishStructNested_v4_1>CreateFishStruct_step9_v2_1	toolbox toolbox toolbox toolbox toolbox toolbox current dir nested-function current dir	: : :? :? : : : : :	\images\images\bwboundaries.m \images\images\imref2d.m Multiple class methods match imwarp.m Multiple class methods match regionprops.m \images\imuitools\imshowpair.m \nnet\nnet\nndatafun\sumsqr.m getTransformPointsAsArray getTransformation return_spine_coor_T_mod2	CreateFishStruc CreateFishStruc
CreateFishStructNested_v4_1>getTransformation	toolbox	:	\images\images\fitgeotrans.m	CreateFishStruc CreateFishStruc
CreateFishStructNested_v4_1>CreateFishStruct_step10_v1_3	current dir toolbox	: :?	MergeBF Multiple class methods match regionprops.m	CreateFishStruc CreateFishStruc
CreateFishStructNested_v4_1>CreateFishStruct_identify_v2_1	toolbox toolbox toolbox toolbox current dir other	:? : : : : :	Multiple class methods match bwmorph.m \images\images\bwperim.m \images\images\imbinarize.m \images\images\imcrop.m alignBW_v2_0 findConfig_v1_3	CreateFishStruc
CreateFishStructNested_v4_1>CreateFishStruct_gender_v1_2				CreateFishStruc
CreateFishStructNested_v4_1>CreateFishStruct_step11_v2_2	toolbox toolbox toolbox toolbox current dir current dir current dir	: : : :? : : :	\images\images\bwboundaries.m \images\images\fitgeotrans.m \images\images\imref2d.m Multiple class methods match imwarp.m alignBW_v2_0 getTailEdgeImage_v1_0 return_spine_coor_T_mod2	CreateFishStruc CreateFishStruc
CreateFishStructNested_v4_1>CreateFishStruct_step12_v2_1	toolbox toolbox	: :?	\images\images\imref2d.m Multiple class methods match imwarp.m	CreateFishStruc CreateFishStruc
CreateFishStructNested_v4_1>CreateFishStruct_step13_v2_9	current dir toolbox toolbox toolbox toolbox toolbox toolbox current dir current dir	: : : :? :? : :? : :	Merge \images\images\bwareaopen.m \images\images\bwboundaries.m Multiple class methods match bwlabel.m Multiple class methods match bwmorph.m \images\images\imbinarize.m Multiple class methods match imfill.m removeOverlappingRegions_v1_0 return_side_mod13	CreateFishStruc CreateFishStruc
CreateFishStructNested_v4_1>CreateFishStruct_step14_v1_1	toolbox toolbox	: :?	\images\images\bwboundaries.m Multiple class methods match bwmorph.m	
CreateFishStructNested_v4_1>CreateFishStruct_step15_v1_1	current dir current dir	: :	return_clustered_L_mod return_dist_matrix	CreateFishStruc CreateFishStruc
CreateFishStructNested_v4_1>CreateFishStruct_step16_v1_5	current dir	:	return_L_divided_mod7	CreateFishStruc CreateFishStruc
CreateFishStructNested_v4_1>CreateFishStruct_eliminations_v1_1				CreateFishStruc CreateFishStruc
CreateFishStructNested_v4_1>CreateFishStruct_step17_v1_1	toolbox toolbox	: :	\images\images\bwboundaries.m \images\images\cp2tform.m	

	toolbox : \images\images\imbinarize.m toolbox : \images\images\imtransform.m toolbox :? Multiple class methods match regionprops.m toolbox : \images\imuitools\imshowpair.m current dir : return_fish_length current dir : return_front_coor_Std current dir : return_spine_coor_Std current dir : smoothBW_mod	
CreateFishStructNested_v4_1>CreateFishStruct_step18_v1_1	toolbox : \images\images\bwboundaries.m toolbox :? Multiple class methods match bwmorph.m toolbox : \images\images\imtransform.m	
CreateFishStructNested_v4_1>access_fish_struct_v5_1	current dir : MergeBF toolbox :? Multiple class methods match bwmorph.m toolbox :? Multiple class methods match im2uint8.m toolbox : \images\images\poly2mask.m toolbox :? Multiple class methods match regionprops.m toolbox : \nnet\nnet\nndatafun\sumsqr.m current dir : return_sub_listL	CreateFishStruc CreateFishStruc
CreateFishStructNested_v4_1>CreateFishStruct_step19_v1_2		
CreateFishStruct_Silja_step1_v2_0		CreateFishStruc
CreateFishStruct_step1_v2_1		CreateFishStruc
CreateNestedCFS_v1_0		
CreateNestedCFS_v1_1		
Merge		CreateFishStruc CreateFishStruc
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alignBW_v2_0	subfunction : alignBW_scored subfunction : getShiftedImg	CreateFishStruc CreateFishStruc CreateFishStruc return_body_out
alignBW_v2_0>alignBW_scored	subfunction : alignBW_step2D subfunction : getShiftedImg	alignBW_v2_0
alignBW_v2_0>alignBW_twoStage	subfunction : alignBW_step2D	
alignBW_v2_0>alignBW_step2D	toolbox :? Multiple class methods match regionprops.m subfunction : getShiftedImg	alignBW_v2_0>al alignBW_v2_0>al
alignBW_v2_0>alignBW_step	subfunction : getShiftedImg subfunction : getStepSize	
alignBW_v2_0>getStepSize		alignBW_v2_0>al
alignBW_v2_0>getShiftedImg		alignBW_v2_0 alignBW_v2_0>al alignBW_v2_0>al alignBW_v2_0>al
fillHorizontalEdges_v1_0	subfunction : markValleyToPeak	getTailEdgeImag return_body_out
fillHorizontalEdges_v1_0>markValleyToPeak		fillHorizontalE return_side_moc
find_rot_angle_mod2	toolbox : \images\images\bwareaopen.m toolbox :? Multiple class methods match bwmorph.m current dir : getBodyEndPoint_v1_0	CreateFishStruc CreateFishStruc
getBackgroundMean_v1_0		getTailEdgeImag return_body_out
getBodyEndPoint_v1_0		CreateFishStruc CreateFishStruc find_rot_angle_ return_body_out return_spine_ou return_spine_ou
getCentroids_v1_1		return_L_divide
getConvHull	toolbox :? Multiple class methods match bwmorph.m toolbox : \images\images\poly2mask.m	return_body_out
getL_Revised_v1_4	toolbox : \images\images\bwboundaries.m toolbox :? Multiple class methods match bwmorph.m toolbox : \images\images\imcrop.m current dir : return_sub_listL	reviseTumorImag
getSpatialThreshold_v1_2		return_body_out
getTailEdgeImage_v1_0	toolbox :? Multiple class methods match bwmorph.m toolbox : \images\images\fspecial.m toolbox : \images\images\graythresh.m toolbox : \images\images\imbinarize.m toolbox : \images\images\imcrop.m toolbox :? Multiple class methods match imfilter.m toolbox : \images\images\mean2.m	CreateFishStruc CreateFishStruc

	current dir : fillHorizontalEdges_v1_0 current dir : getBackgroundMean_v1_0		
getTransformPointsAsArray	unknown : transformPointsInverse		CreateFishStruc CreateFishStruc
plotBWOutline_v1_0	toolbox : \images\images\bwboundaries.m		CreateFishStruc CreateFishStruc
removeOverlappingRegions_v1_0	toolbox :? Multiple class methods match bwlabel.m		CreateFishStruc CreateFishStruc
return_L_divided_mod7	toolbox : \images\images\bwboundaries.m toolbox :? Multiple class methods match bwlabel.m toolbox :? Multiple class methods match bwmorph.m toolbox :? Multiple class methods match imfill.m toolbox :? Multiple class methods match regionprops.m toolbox : \nnet\nnet\nndatafun\sumsqr.m toolbox : \simulink\simulink\@dependencies\warning.p other : findConfig_v1_3 other : findPathDistance_v1_0 current dir : getCentroids_v1_1 subfunction : getRegionCandidates current dir : return_boundary_voronoi_points current dir : return_dist_matrix current dir : return_labeled_voronoi_mod2 current dir : return_met_events_mod3 current dir : return_object_voronoi_points_mod5 current dir : return_sub_listL		CreateFishStruc CreateFishStruc
return_L_divided_mod7>getRegionCandidates			return_L_divide
return_Y_coor			return_spine_co
return_body_outlines_mod6	toolbox : \images\images\bwareaopen.m toolbox : \images\images\bwfill.m toolbox :? Multiple class methods match bwmorph.m toolbox : \images\images\graythresh.m toolbox : \images\images\imbinarize.m toolbox : \images\images\imcrop.m toolbox :? Multiple class methods match imfill.m current dir : alignBW_v2_0 current dir : getConvHull subfunction : getFlatTailEnd current dir : getSpatialThreshold_v1_2 current dir : smoothBW_mod		CreateFishStruc CreateFishStruc
return_body_outlines_mod6>getFlatTailEnd	toolbox :? Multiple class methods match bwmorph.m toolbox : \images\images\fspecial.m toolbox : \images\images\graythresh.m toolbox : \images\images\imbinarize.m toolbox : \images\images\imcrop.m toolbox :? Multiple class methods match imfilter.m toolbox : \images\images\mean2.m toolbox :? Multiple class methods match regionprops.m current dir : fillHorizontalEdges_v1_0 current dir : getBackgroundMean_v1_0 current dir : getBodyEndPoint_v1_0 current dir : smoothBW_mod		return_body_out
return_boundary_voronoi_points	toolbox : \images\images\bwboundaries.m		return_L_divide
return_clustered_L_mod	toolbox :? Multiple class methods match bwlabel.m toolbox : \stats\stats\linkage.m toolbox : \stats\stats\squareform.m		CreateFishStruc CreateFishStruc
return_dist_matrix	toolbox : \images\images\bwboundaries.m toolbox :? Multiple class methods match pdist.m toolbox : \stats\stats\squareform.m		CreateFishStruc CreateFishStruc return_L_divide
return_eye_outline_mod4	toolbox : \images\images\bwareaopen.m toolbox :? Multiple class methods match bwmorph.m toolbox : \images\images\graythresh.m toolbox : \images\images\imbinarize.m toolbox : \images\images\imcrop.m toolbox :? Multiple class methods match imfill.m toolbox :? Multiple class methods match imfilter.m current dir : smoothBW_mod		CreateFishStruc CreateFishStruc
return_fish_length			CreateFishStruc CreateFishStruc return_front_co
return_front_coor_Std	current dir : return_fish_length		CreateFishStruc CreateFishStruc
return_labeled_voronoi_mod2	toolbox :? Multiple class methods match bwlabel.m toolbox :? Multiple class methods match bwmorph.m		return_L_divide
return_met_events_mod3	toolbox :? Multiple class methods match bwmorph.m toolbox :? Multiple class methods match regionprops.m current dir : return_sub_listL		return_L_divide
return_object_voronoi_points_mod5	toolbox : \images\images\bwboundaries.m toolbox :? Multiple class methods match bwlabel.m toolbox :? Multiple class methods match bwmorph.m		return_L_divide

	toolbox	:? Multiple class methods match regionprops.m	
return_side_mod13	toolbox toolbox toolbox toolbox toolbox toolbox toolbox toolbox toolbox toolbox subfunction subfunction subfunction current dir	: \images\images\bwarea.m : \images\images\bwareaopen.m :? Multiple class methods match bwlabel.m :? Multiple class methods match bwmorph.m : \images\images\fspecial.m : \images\images\graythresh.m : \images\images\imbinarize.m :? Multiple class methods match imfill.m :? Multiple class methods match imfilter.m :? Multiple class methods match regionprops.m : fillByEdges : getBackgroundMean : getBackgroundMedian : smoothingCurve_v1_0	CreateFishStruc CreateFishStruc
return_side_mod13>getBackgroundMean			return_side_moc
return_side_mod13>getBackgroundMedian			return_side_moc
return_side_mod13>getZeroMeanBackgroundStd			
return_side_mod13>getBackgroundMeanOrZero			
return_side_mod13>markValleyToPeak			fillHorizontalE return_side_moc
return_side_mod13>fillHorizontalEdges	subfunction	: markValleyToPeak	return_side_moc
return_side_mod13>fillByEdges	subfunction	: fillHorizontalEdges	return_side_moc
return_spine_coor_Std	current dir	: return_Y_coor	CreateFishStruc CreateFishStruc
return_spine_coor_T_mod2	toolbox subfunction	: \images\images\graythresh.m : getYPosition	CreateFishStruc CreateFishStruc CreateFishStruc CreateFishStruc
return_spine_coor_T_mod2>getYPosition			return_spine_co
return_spine_outline_mod5	toolbox toolbox toolbox toolbox toolbox toolbox toolbox toolbox toolbox current dir subfunction subfunction current dir	: \images\images\bwareaopen.m :? Multiple class methods match bwlabel.m :? Multiple class methods match bwmorph.m : \images\images\fspecial.m : \images\images\graythresh.m : \images\images\imbinarize.m : \images\images\imcrop.m :? Multiple class methods match imfill.m :? Multiple class methods match imfilter.m : getBodyEndPoint_v1_0 : getEvenlySpacedData : getSelectRunningAverage : smoothBW	CreateFishStruc
return_spine_outline_mod5>getSelectRunningAverage			return_spine_ou return_spine_ou
return_spine_outline_mod5>getEvenlySpacedData			return_spine_ou return_spine_ou
return_spine_outline_mod6	toolbox toolbox toolbox toolbox toolbox toolbox toolbox toolbox toolbox toolbox current dir subfunction subfunction current dir	: \images\images\bwareaopen.m :? Multiple class methods match bwlabel.m :? Multiple class methods match bwmorph.m : \images\images\fspecial.m : \images\images\graythresh.m : \images\images\imbinarize.m : \images\images\imcrop.m :? Multiple class methods match imfill.m :? Multiple class methods match imfilter.m : \images\imuitools\imshowpair.m : getBodyEndPoint_v1_0 : getEvenlySpacedData : getSelectRunningAverage : smoothBW	CreateFishStruc
return_spine_outline_mod6>getSelectRunningAverage			return_spine_ou return_spine_ou
return_spine_outline_mod6>getEvenlySpacedData			return_spine_ou return_spine_ou
return_sub_listL			CreateFishStruc CreateFishStruc getL_Revised_v1 return_L_divide return_met_ever
reviseTumorImageDataHelper_Silja_v1_0	current dir	: reviseTumorImageData_v1_2	
reviseTumorImageDataHelper_v1_1	unknown current dir	: new_name : reviseTumorImageData_v1_2	
reviseTumorImageDataHelper_v1_2	current dir	: reviseTumorImageData_v1_2	
reviseTumorImageData_v1_2	current dir	: getL_Revised_v1_4	reviseTumorImag reviseTumorImag reviseTumorImag
runCreateFishStruct_Silja_v2_0	current dir	: CreateFishStructNested_Silja_v2_0	

runCreateFishStruct_v2_4_all	current dir	: CreateFishStructNested_v4_1	
smoothBW	toolbox toolbox toolbox current dir	: \images\images\bwboundaries.m :? Multiple class methods match bwlabel.m :? Multiple class methods match imfill.m : smooth_boundary	return_spine_ou return_spine_ou
smoothBW_mod	toolbox toolbox toolbox current dir	: \images\images\bwboundaries.m :? Multiple class methods match bwlabel.m :? Multiple class methods match imfill.m : smooth_boundary	CreateFishStruc CreateFishStruc CreateFishStruc CreateFishStruc CreateFishStruc CreateFishStruc return_body_out return_body_out return_eye_outl
smooth_boundary			smoothBW smoothBW_mod
smoothingCurve_v1_0			return_side_mod