

CellOrganizer v2.8.0 model class/types

2D/3D	Model Class	Model Type	Depends on	Produces
2D	vesicle	gmm	nuclear_membrane and cell_membrane	vesicle
2D	nuclear_membrane	medial_axis		nuclear_membrane
2D	framework	pca		cell_membrane, nuclear_membrane
2D	cell_membrane	ratio	nuclear_membrane	cell_membrane
2D	framework	diffeomorphic		cell_membrane, nuclear_membrane
3D	vesicle	gmm	nuclear_membrane and cell_membrane	vesicle
3D	nuclear_membrane	cylindrical_surface		nuclear_membrane
3D	cell_membrane	ratio	nuclear_membrane	cell_membrane
3D	framework	diffeomorphic		cell_membrane, nuclear_membrane
3D	network	microtubule_growth	nuclear_membrane and cell_membrane	microtubule

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3D	protein_distribution	morphing		protein spatial distribution
3D	standardized_voxels	standardized_map_half _ellipsoid		
3D	csgo	half-ellipsoid		
3D	framework	SPHARM		cell_membrane, nuclear_membrane

Publications

To see a full list of publications associated with the models in the table above, visit

- <http://www.cellorganizer.org/publications/>