

A

Platynereis full connectome



B

graph property	<i>Platynereis</i> full	<i>Platynereis</i> cell-type	<i>C. elegans</i> full	<i>Ciona</i> full	random graph
# nodes	2,709	258	313	308	258
# edges	14,310	2,410	3,534	3,105	2410
# synapses	27,293	14,640	11,064	n.a	14640
diameter	59	7	8	12	15.28
mean distance	5.82	2.99	2.93	3.43	3.84
avg. degree	5.28	9.34	11.29	10.08	9.34
density	0.002	0.036	0.036	0.033	0.036
global efficiency	0.125	0.29	0.309	0.146	0.29
local avg. transitivity	0.203	0.381	0.334	0.264	0.071
modularity	0.529	0.308	0.364	0.319	0.102

C

Platynereis cell-type connectome



D

C. elegans full connectome

E

Ciona larva full connectome

F

random graph

