

Parameter	Complete network	Shared network
Nodes, ADs	28	28
Nodes, genes	4200	1025
Edges, total	5582	2425
Edges, upregulated	2791	1215
Edges, downregulated	2791	1210
Network density	0.000625	0.002185
Average clustering coefficient	0	0
Redundancy coefficient, ADs	0	0
Redundancy coefficient, genes	0.0526	0.2153
Average path length, ADs	2	2
Average path length, genes	3	2.964
Average eccentricity, ADs	2	2
Average eccentricity, genes	4	4
Average degree, ADs	200	86.607
Average degree, genes	1.33	2.366
Average closeness centrality, ADs	0.5	0.5
Average closeness centrality, genes	0.333	0.338
Average betweenness centrality, ADs	0.0474	0.0474
Average betweenness centrality, genes	0.000237	0.000971
Average eigenvector centrality, ADs	0.189	0.189
Average eigenvector centrality, genes	0.00238	0.00975
Average PageRank, ADs	0.0357	0.0357
Average PageRank, genes	0.000238	0.000951
Number of giant components	1	1