

TABLE 4 Network Analyzer-based statistics of histone H1 subtypes-partner proteins interaction network. A significance of difference for all parameters was tested with one-way ANOVA for independent measures ($F = 0.613$, $p = 0.654$)

Topological parameter	H1.1	H1.2	H1.3	H1.4	H1.5
Number of nodes	127	86	30	92	47
Number of edges	867	352	36	462	132
Average number of neighbors	13.872	9.026	3.60	11.525	6.718
Network diameter	6	7	5	8	5
Network radius	4	4	3	4	3
Characteristic path length	2.550	2.574	2.532	3.119	2.301
Clustering coefficient	0.494	0.466	0.321	0.507	0.464
Network density	0.112	0.117	0.189	0.146	0.177
Network heterogeneity	0.760	0.753	0.699	0.914	0.595
Network centralization	0.214	0.226	0.316	0.253	0.285
Connected components	3	9	11	12	8