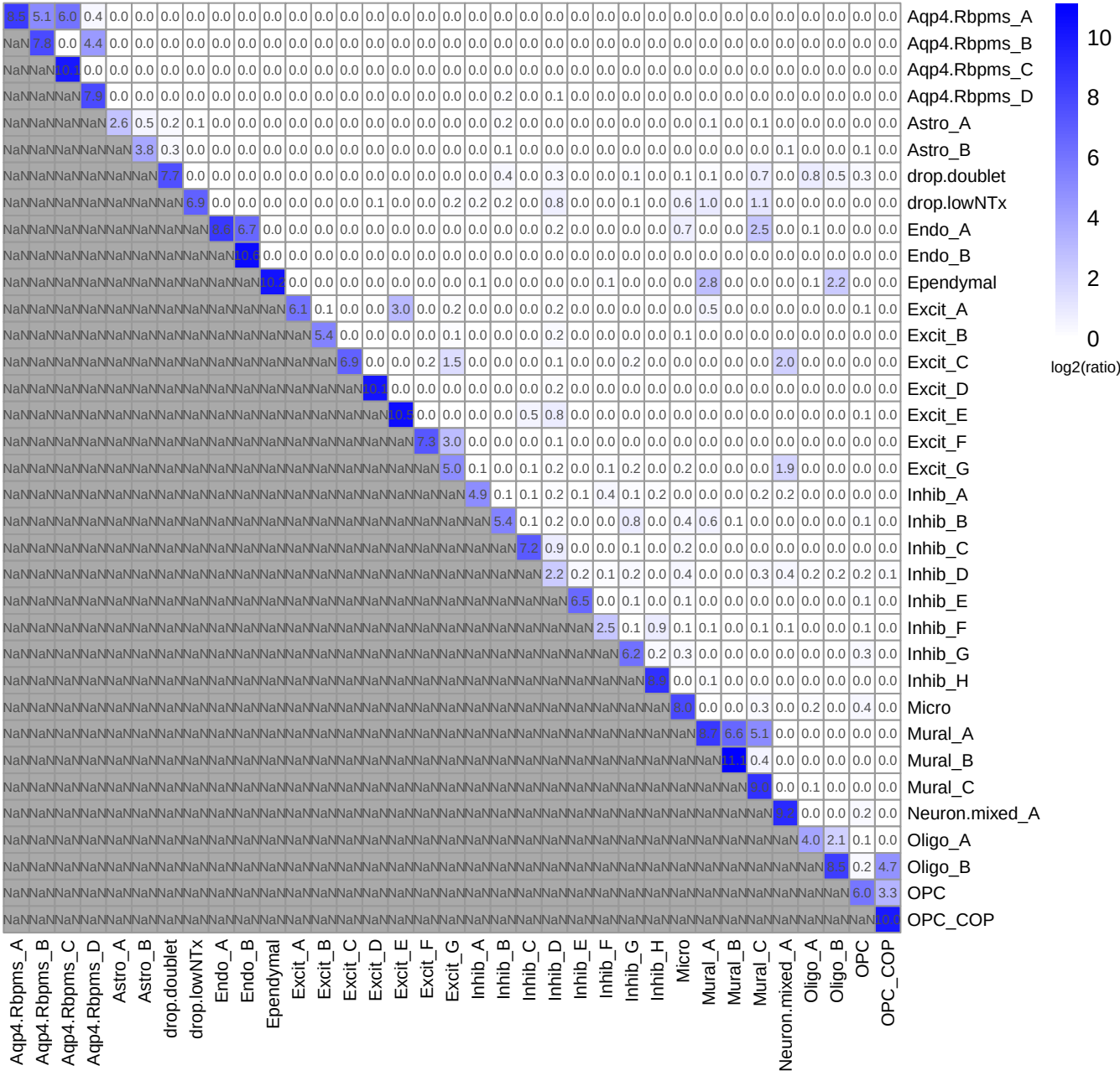Modularity ratio for 35 graph−based clusters in LS (n=4)