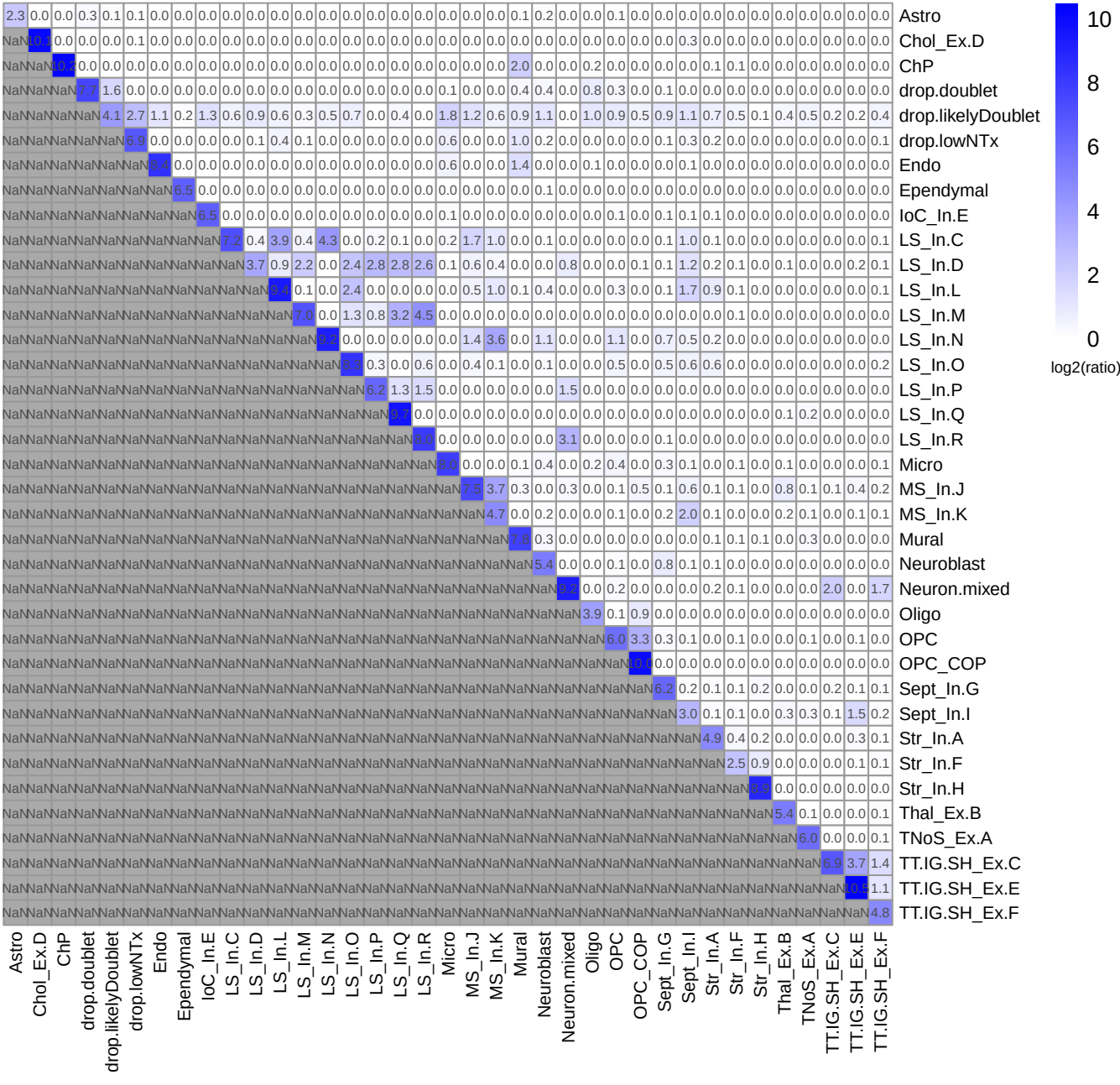dularity ratio for 37 (including drops) graph−based clusters in LS (n=4)