



Supplementary Figure 9 Connection profiles. For each candidate protein a connection profile is calculated . In this profile the candidate protein is called the central protein and interaction partners are called peripheral proteins. A connection between the central protein and the central phenotype is obtained if a peripheral protein is connected to a peripheral phenotype. A total connection profile for a central protein is the combination of all connections for a central protein given by the parameters protein interaction score and description overlap. The full connection profile is the combination of connection profiles for all candidate proteins in the interval.