



Additional file 9. Weighted adjacency matrix that describes pair wise similarities between probe pairs. (A) Scale independence of soft-threshold β . The plot describes the relationship between possible β options and the scale free topology model fit R^2 value. A soft threshold $\beta = 4$ was ultimately chosen as it was the lowest power observed before the scale free topology curve reached $R^2=0.90$. (B) Mean connectivity of soft-threshold β . Mean network connectivity represents the connections between all nodes. The soft threshold $\beta = 4$ maintained a high mean network connectivity and demonstrated scale-free topology.