



Figure S6: TNRC6A / GW182 is the essential RBP for binding of AGO2. From the network it was found that TNRC6A/GW182 played a crucial role in the binding of AGO2. AGO2 interaction with RNA was also found dependent upon another factor LSM6. During binding of AGO2, LSM6 also co-expressed and appears positively regulating AGO2. The favorable condition for AGO2 binding appears to when TNRC6A displays a positive association with LSM6. LSM6 also displays a positive association with AGO2.