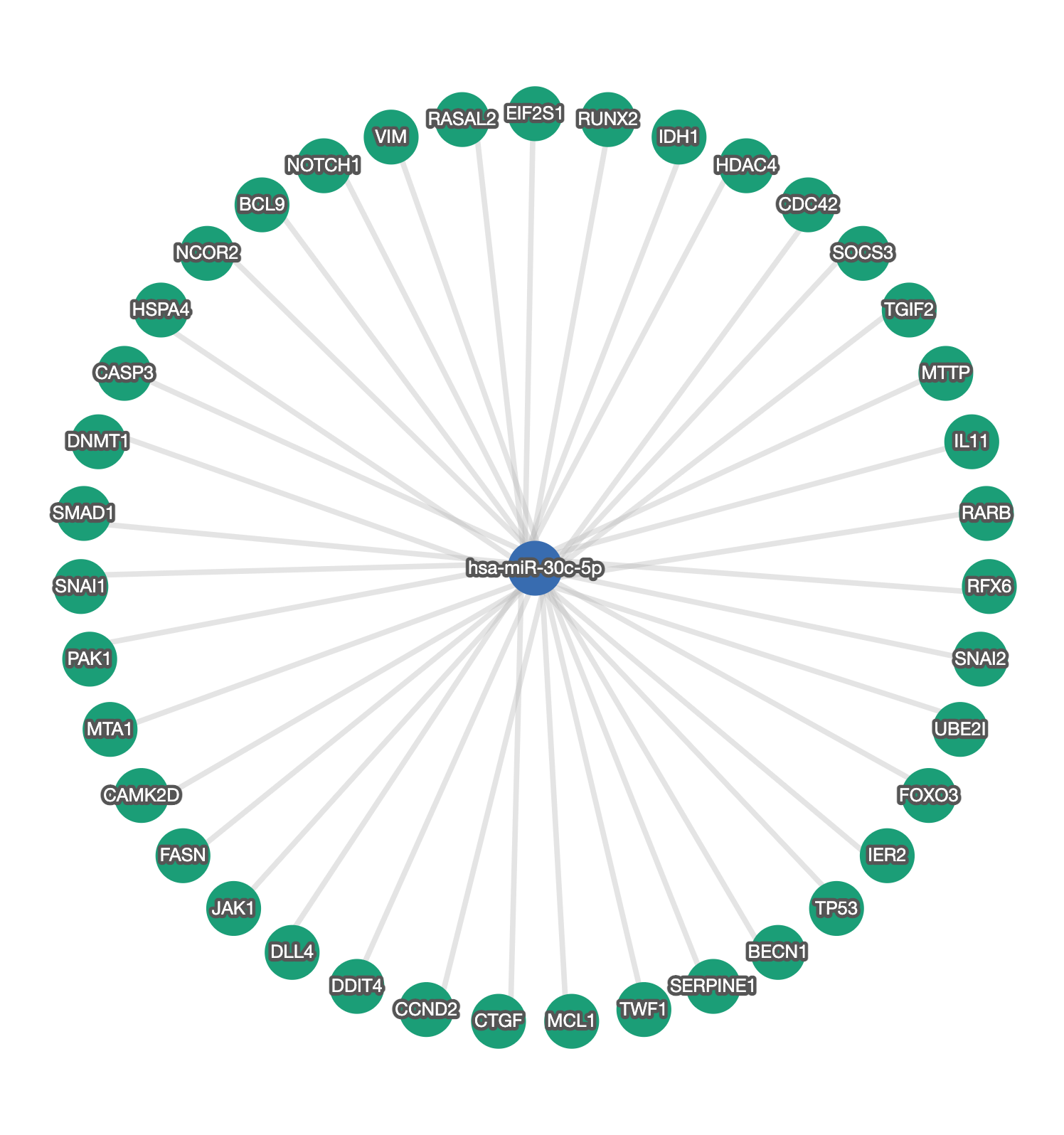
**Supplementary Material**

1. **Correlation analysis of miRNAs-lipid reduction**

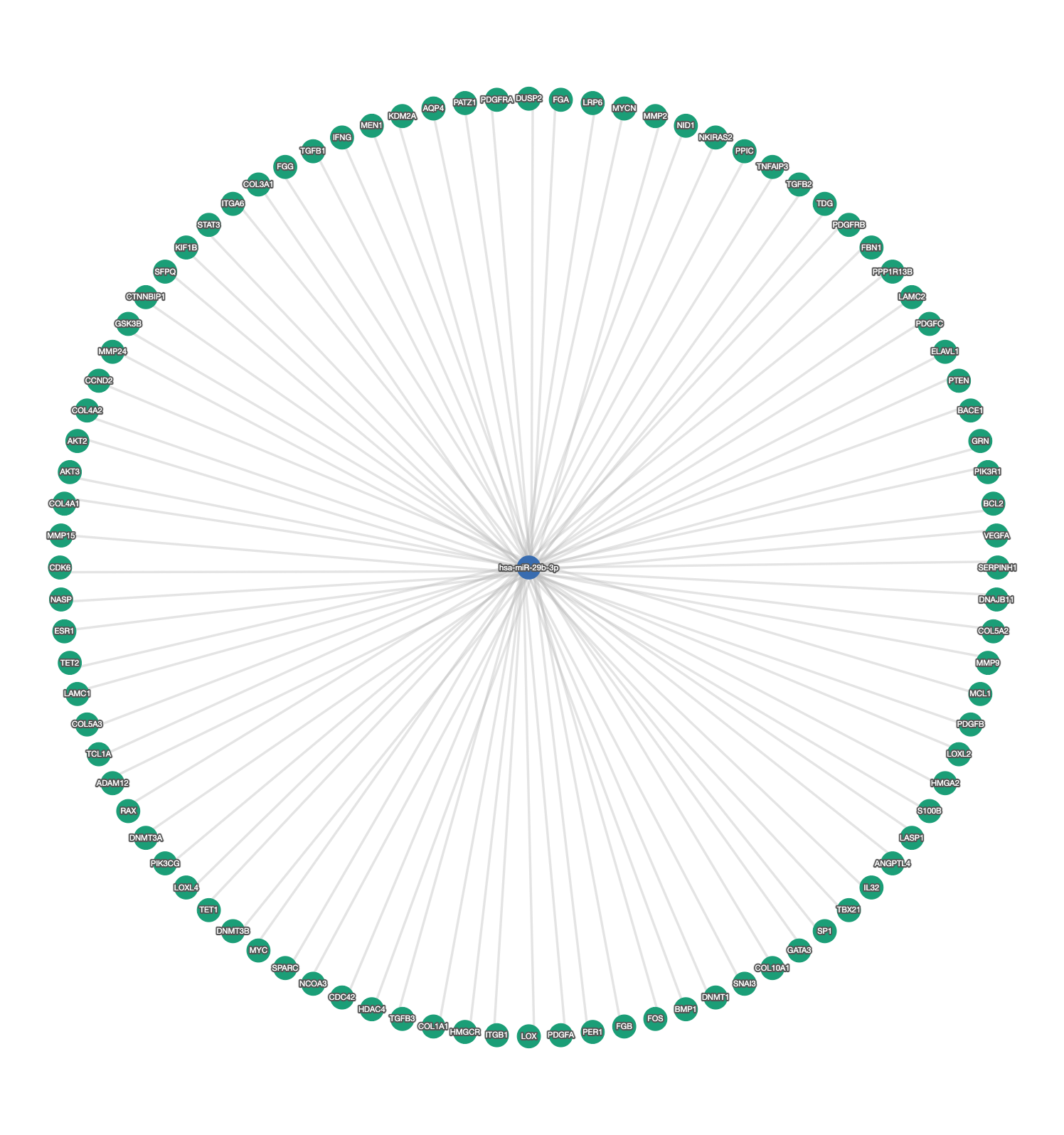
****

**Figure S1.** Correlation analysis of 10 miRNAs and lipid reductions percentages following a 20 mg/day atorvastatin dose treatment in hypercholesterolemic patients.

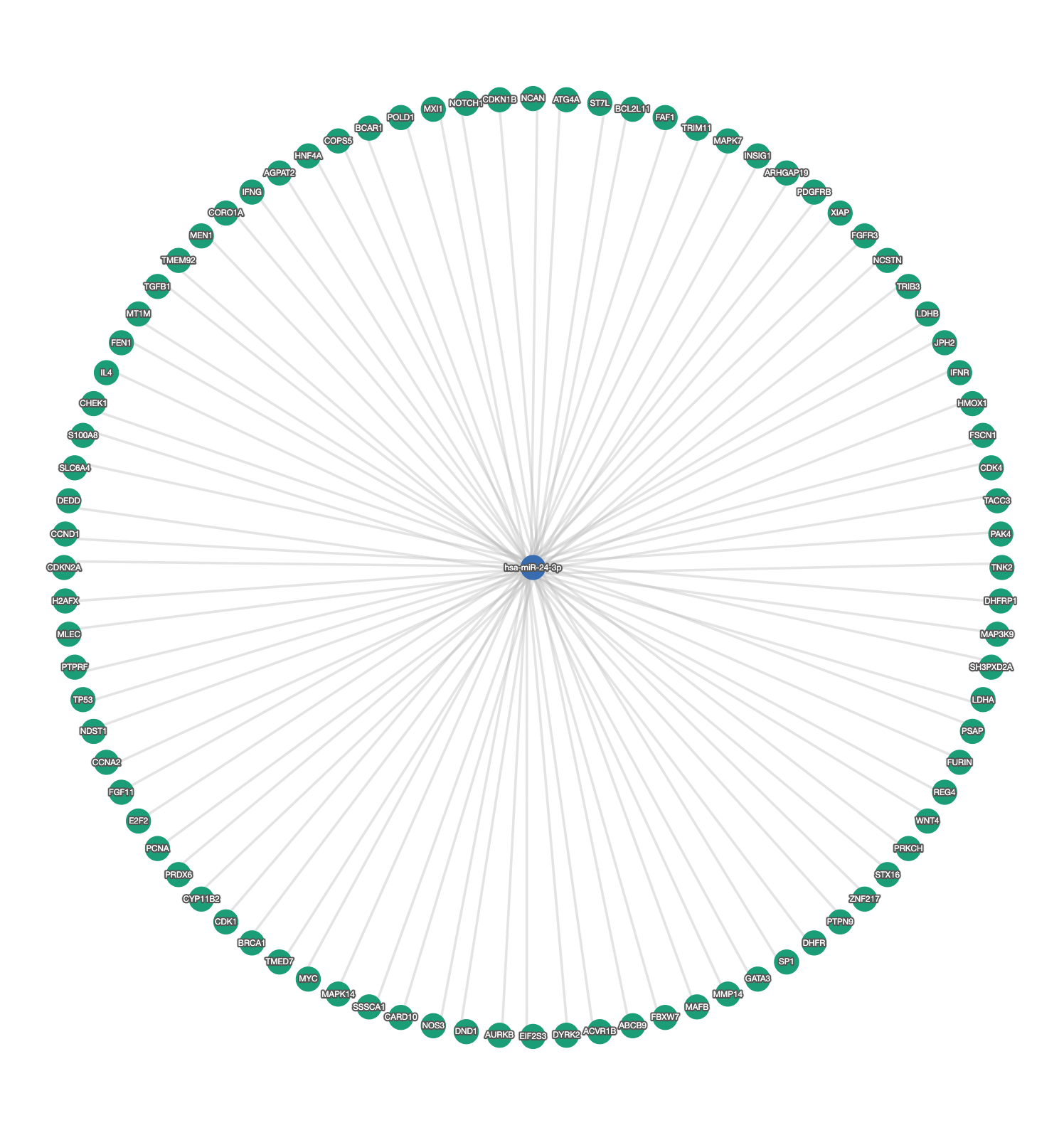
1. **Interaction network of deregulated miRNAs.**



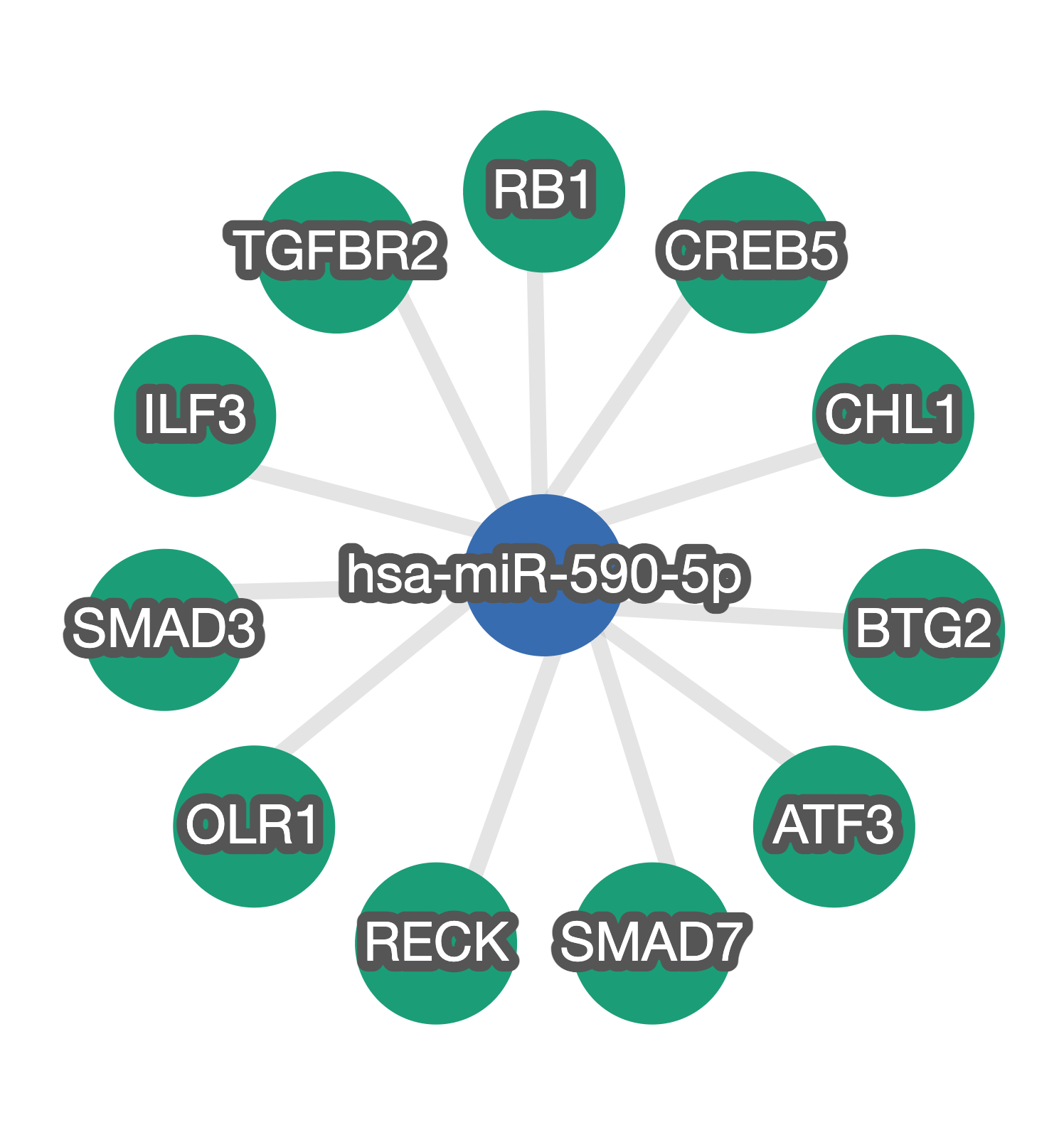
**Figure S2.** Interaction network of miRNA-30c-5p and its validated target genes. Data was retrieved using miRTargetLink 2.0. (https://ccb-compute.cs.uni-saarland.de/mirtargetlink2/).



**Figure S3.** Interaction network of miRNA-29b-3p and its validated target genes. Data was retrieved using miRTargetLink 2.0. (https://ccb-compute.cs.uni-saarland.de/mirtargetlink2/).



**Figure S4.** Interaction network of miRNA-24-3p and its validated target genes. Data was retrieved using miRTargetLink 2.0. (https://ccb-compute.cs.uni-saarland.de/mirtargetlink2/).



**Figure S5.** Interaction network of miRNA-590-5p and its validated target genes. Data was retrieved using miRTargetLink 2.0. (https://ccb-compute.cs.uni-saarland.de/mirtargetlink2/).