**Table S6.** Significantly enriched miRNA-target networks of EAF2 in cervical cancer (LinkedOmics).

|  |  |
| --- | --- |
| **Geneset** | **leadingEdgeGene** |
| GGGACCA, MIR-133A,  MIR-133B | ACACA,ACSL4,AGBL5,AKAP10,ARHGDIA,ARHGEF2,AVL9,AZIN1,B4GALT2,BAHD1,BAZ2A,CBL,CDK5R2,CDR2L,CLTC,CREBZF,CSF2,CTBP2,CXCL5,DLST,FBXL2,GANAB,GAPVD1,GAS2L1,GRAMD1A,HIC2,HMBOX1,IL6ST,IP6K1,MINK1,MSN,MYH9,NAA40,NAB1,NFAT5,NIPA1,NNAT,NPTX1,NUMA1,PABPC1,PAPPA,PCDHGA1,PCDHGA10,PCDHGA11,PCDHGA12,PCDHGA2,PCDHGA3,PCDHGA4,PCDHGA5,PCDHGA6,PCDHGA7,PCDHGA8,PCDHGA9,PCDHGB1,PCDHGB2,PCDHGB3,PCDHGB4,PCDHGB5,PCDHGB6,PCDHGB7,PCDHGC3,PCDHGC4,PCDHGC5,PFKFB3,PITX3,PPP1R9B,PPP2R5D,PTPN12,RAG1  ,RANBP2,RAPGEF6,RCE1,SCN2B,SECISBP2L,SEMA5B,SLC8A3,SNX33,SOCS5,SOX11,STK3,TGFBR1,TIMM8A,TRAM1,TTYH3,USP32,WIPI2,YES1,YTHDF3,ZDHHC8 |
| ATGAAGG,  MIR-205 | ACACA,ACTB,ADAT1,BPTF,BTBD3,CALU,CANX,CCDC93,CCNJ,CDC42BPB,CLTC,CPEB2,DALRD3,DGCR8,DMXL2,DOK4,ETF1,FAM84B,GANAB,GPATCH4,GTF3C2,HERC4,INHBA,INPPL1,IPO7,KHNYN,KIF1B,LAMC1,LPCAT1,MED1,MGRN1,MTMR4,NAA25,NACC2,NFAT5,PTPRM,QKI,RBPMS2,SATB2,SCMH1,SEH1L,SEMA4C,4-Sep,SLTM,TEAD1,VEGFA,WWC2,YES1,ZCCHC14,ZNF609,ZNF800 |
| CCAGGTT,  MIR-490 | ACACA,AHCTF1,AVL9,ETF1,FBXL19,HIC2,HMGA2,LUC7L,MBLAC2,NPM1,NR2C2,NUFIP2,PAPPA,PCBP2,PPME1,PSME3,SCN4B,SETD2,SLC39A14,SMARCD1,SOX11,TAF5,TGFBR1,UBFD1 |