

Table SV. Molecular interaction information in the ceRNA network. A12

miRNAs	mRNAs	lncRNAs
hsa-mir-429	DENND5B,ERMP1,PARD6B,PRR G4,TPD52L1,WASF3	AC005035.1, LINC00501, LNX1-AS1, NEAT1, WDFY3-AS2, WT1-AS
hsa-mir-454	EDN1,ENPP5,IRF1,RBM20,ZBTB 4	AC005035.1, AC008676.1, AC008781.1, AC009061.1, ADAMTS9-AS2, LINC00501, NEAT1, RMST
hsa-mir-497	CCND2,CDC25A,CDCA4,CEP55, CHEK1,CLSPN,CPEB3,CRIM1,E2 F7,GABARAPL1,GRAMD3,HOX A10,HSPE1- MOB4,ITGA2,JARID2,KIF23,MK X,NOTCH2,OSBPL3,PHF19,PSA T1,RS1,TMEM100,WNT7A	AC008781.1, AC009061.1, C15orf56, C2orf48, CECR3, CMAHP, EGOT, HNF1A- AS1, KIAA0087, LINC00200, LINC00284, LINC00472, LINC00475, LINC00484, LNX1- AS1, MEG3, MEG8, NEAT1, PCAT1, PVT1, PWRN1, RMST, SNHG1, WT1-AS
hsa-mir-150	EGR2,KLHL21,MYB	AC005035.1, AC008676.1, AC008781.1, AC009061.1, ADAMTS9-AS2, C15orf56, CECR3, CMAHP, HNF1A-AS1, HOTAIR, ITPK1-AS1, LINC00343, LINC00501, NEAT1, PWRN1
hsa-mir-383	IRF1	AC008781.1, LINC00472, NEAT1, PCAT1, ZNF503-AS1
hsa-mir-182	FGF9,MITF,TCEAL7,THBS1	AC009061.1, ADAMTS9-AS2, C15orf56, CMAHP, GAS5, LINC00343, LNX1-AS1, MEG3, NEAT1, PCAT1, SNHG1, WDFY3- AS2, ZNF503-AS1
hsa-mir-93	ANKRD33B,ARAP2,ATAD2,CHA F1A,DENND5B,DUSP2,E2F1,E2 F2,EGR2,ENPP5,FAM102A,FOX Q1,GIN54,GPR137C,HMGB3,IR F1,ITGB8,KIF23,KLF9,KPNA2,N ACC2,PARD6B,POLQ,PRRG1,SA MD12,STAT3,SYBU,TET3,ZBTB4 ,ZBTB7A	AC008676.1, AC009061.1, ADAMTS9- AS2, C1orf132, C20orf166-AS1, C2orf48, CECR3, GRM5-AS1, HNF1A-AS1, ITPK1- AS1, LINC00200, LINC00284, LINC00472, LINC00484, LNX1-AS1, MEG3, NEAT1, PCAT1, WT1-AS
hsa-mir-200a	ELAVL2,H2AFZ,MACC1,USP53	AC005035.1, AC008676.1, ADAMTS9- AS2, CMAHP, EGOT, HNF1A-AS1, ITPK1- AS1, KIAA0087, LINC00284, LINC00472, LINC00484, NEAT1, SNHG1, WDFY3-AS2 AC008676.1, AC008781.1, AC009061.1, ADAMTS9-AS2, C15orf56, CMAHP, HNF1A-AS1, LINC00343, LINC00484, LNX1-AS1, NEAT1, PCAT1, PWRN1, ZNF503-AS1
hsa-mir-122	DUSP2,GALNT3	AC008781.1, AC009061.1, C15orf56, C1orf132, C2orf48, CECR3, CMAHP, EGOT, HNF1A-AS1, KIAA0087, LINC00200, LINC00284, LINC00472, LINC00475, LINC00484, LNX1-AS1, MEG3, MEG8, NEAT1, PCAT1, PVT1, PWRN1, RMST, SNHG1, WT1-AS
hsa-mir-195	B3GNT2,B4GALT1,BTG2,CDC25 A,CDCA4,CEP55,CHEK1,CLSPN, CPEB2,CPEB3,CRIM1,E2F7,GAB ARAPL1,GRAMD3,HOXA10,HSP E1- MOB4,ITGA2,JARID2,KIF23,MA FK,MKX,NOTCH2,OSBPL3,PHF1 9,PSAT1,RS1,TLE4,TMEM100, WNT7A	AC008781.1, AC009061.1, C15orf56, C1orf132, C2orf48, CECR3, CMAHP, EGOT, HNF1A-AS1, KIAA0087, LINC00200, LINC00284, LINC00472, LINC00475, LINC00484, LNX1-AS1, MEG3, MEG8, NEAT1, PCAT1, PVT1, PWRN1, RMST, SNHG1, WT1-AS

hsa-mir-21	CPEB3,ELOVL7,MSH2,RASGRP1,SKP2,STAT3,TIMP3	DLEU2, EGOT, GRM5-AS1, MEG3, PWRN1, SNHG1, WDFY3-AS2
hsa-mir-204	ARAP2,ARHGAP29,IL11,SLC22A6,THRB	AC005035.1, ADAMTS9-AS2, LINC00200, LINC00343, LINC00472, LINC00501, NEAT1
hsa-mir-506	CD151,ZWINT	AC008676.1, C15orf56, CECR3, CMAHP, DLEU2, LINC00284, LINC00343, LINC00472, LINC00484, LINC00501, NEAT1, PCAT1, PWRN1, SNHG1, ZNF503-AS1
hsa-mir-96	PRDM16,SLC1A1	AC005035.1, AC009061.1, ADAMTS9-AS2, CMAHP, LINC00343, LNX1-AS1, NEAT1, WDFY3-AS2, ZNF503-AS1
hsa-mir-132	CCDC169,CFTR,HBEGF,PTGS2	AC005035.1, AC008676.1, AC009061.1, ADAMTS9-AS2, CMAHP, GAS5, HNF1A-AS1, ITPK1-AS1, MEG8, NEAT1, ZNF503-AS1
hsa-mir-141	E2F3,ELAVL2,H2AFZ,MACC1,STAT4,USP53	AC005035.1, AC008676.1, ADAMTS9-AS2, CMAHP, EGOT, HNF1A-AS1, ITPK1-AS1, KIAA0087, LINC00284, LINC00472, LINC00475, LINC00484, NEAT1, SNHG1, WDFY3-AS2, WT1-AS
hsa-mir-183	FAM217B,KIF2A	C2orf48, MEG8
hsa-mir-192	GRHL1,ITGAV	AC008781.1, AC009061.1, CMAHP, LINC00284, PCAT1, WDFY3-AS2, ZNF503-AS1

ce, competitive endogenous; miRNA/miR, microRNA; lncRNAs, long non-coding RNA.