

Supplementary Table 2: psRNATarget data of genes identified in human transcriptome

miRNA_Acc.	Target_Acc.	Expect	Target_Desc.	Inhibition
ggn-miR5021	NM_001083602.2	0	Homo sapiens patched 1 (PTCH1), transcript variant 1a, mRNA	Cleavage
ggn-miR5021	NR_026947.1	0.5	Homo sapiens C1RL antisense RNA 1 (C1RL-AS1), long non-coding RNA	Cleavage
ggn-miR5021	NM_004590.4	0.5	Homo sapiens C-C motif chemokine ligand 16 (CCL16), mRNA	Cleavage
ggn-miR5021	NM_001997.5	0.5	Homo sapiens FAU ubiquitin like and ribosomal protein S30 fusion (FAU), mRNA	Cleavage
ggn-miR5021	NM_002003.5	0.5	Homo sapiens ficolin 1 (FCN1), mRNA	Cleavage
ggn-miR5021	NR_033899.1	0.5	Homo sapiens GOLGA2 pseudogene 9 (GOLGA2P9), non-coding RNA	Cleavage
ggn-miR5021	NR_110878.1	0.5	Homo sapiens HID1 antisense RNA 1 (HID1-AS1), long non-coding RNA	Cleavage
ggn-miR5021	NM_004533.4	0.5	Homo sapiens myosin binding protein C, fast type (MYBPC2), mRNA	Cleavage
ggn-miR5021	NM_194248.3	0.5	Homo sapiens otoferlin (OTOF), transcript variant 1, mRNA	Cleavage
ggn-miR5021	NM_024081.6	0.5	Homo sapiens proline rich and Gla domain 4 (PRRG4), mRNA	Cleavage
ggn-miR5021	NM_024718.5	0.5	Homo sapiens RAB, member RAS oncogene family like 6 (RABL6), transcript variant 1, mRNA	Cleavage
ggn-miR5021	NM_001128310.2	0.5	Homo sapiens SPARC like 1 (SPARCL1), transcript variant 1, mRNA	Cleavage
ggn-miR5021	NM_003069.5	0.5	Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1 (SMARCA1), transcript variant 1, mRNA	Cleavage
ggn-miR5021	NM_001291088.2	0.5	Homo sapiens WD repeat domain 87 (WDR87), transcript variant 1, mRNA	Cleavage
ggn-miR5021	NM_004316.4	1	Homo sapiens achaete-scute family bHLH transcription factor 1 (ASCL1), mRNA	Cleavage
ggn-miR5021	NM_007371.4	1	Homo sapiens bromodomain containing 3 (BRD3), mRNA	Cleavage
ggn-miR5021	NM_004361.5	1	Homo sapiens cadherin 7 (CDH7), transcript variant b, mRNA	Cleavage
ggn-miR5021	NM_001010852.4	1	Homo sapiens clavesin 2 (CLVS2), mRNA	Cleavage
ggn-miR5021	NM_139273.4	1	Homo sapiens cysteinyl-tRNA synthetase (CARS), transcript variant 1, mRNA	Cleavage
ggn-miR5021	NM_001348187.1	1	Homo sapiens DEAD-box helicase 27 (DDX27), transcript variant 1, mRNA	Cleavage
ggn-miR5021	NM_173607.4	1	Homo sapiens family with sequence similarity 177 member A1 (FAM177A1), transcript variant 1, mRNA	Cleavage
ggn-miR5021	NM_178443.2	1	Homo sapiens fermitin family member 3 (FERMT3), transcript variant URP2LF, mRNA	Cleavage
ggn-miR5021	NM_007325.5	1	Homo sapiens glutamate ionotropic receptor AMPA type subunit 3 (GRIA3), transcript variant 1, mRNA	Cleavage
ggn-miR5021	NM_005968.5	1	Homo sapiens heterogeneous nuclear ribonucleoprotein M (HNRNPM), transcript variant 1, mRNA	Cleavage
ggn-miR5021	NM_001040694.2	1	Homo sapiens inner centromere protein (INCENP), transcript variant 1, mRNA	Cleavage
ggn-miR5021	NR_104610.1	1	Homo sapiens long intergenic non-protein coding RNA 2208 (LINC02208), long non-coding RNA	Cleavage
ggn-miR5021	NM_012330.4	1	Homo sapiens lysine acetyltransferase 6B (KAT6B), transcript variant 1, mRNA	Cleavage
ggn-miR5021	NM_000429.3	1	Homo sapiens methionine adenosyltransferase 1A (MAT1A), mRNA	Cleavage
ggn-miR5021	NM_012219.4	1	Homo sapiens muscle RAS oncogene homolog (MRAS), transcript variant 1, mRNA	Cleavage
ggn-miR5021	NM_144573.3	1	Homo sapiens nexilin F-actin binding protein (NEXN), transcript variant 1, mRNA	Cleavage
ggn-miR5021	NM_001034853.2	1	Homo sapiens Retinitis pigmentosa GTPase regulator (RPGR), transcript variant C, mRNA	Cleavage

ggn-miR5021	NM_006802.4	1	Homo sapiens splicing factor 3a subunit 3 (SF3A3), transcript variant 1, mRNA	Cleavage
ggn-miR5021	NM_003174.3	1	Homo sapiens supervillin (SVIL), transcript variant 1, mRNA	Cleavage
ggn-miR5021	NM_031923.4	1	Homo sapiens TATA-boxbinding protein associated factor 3 (TAF3), mRNA	Cleavage
ggn-miR5021	NM_018975.4	1	Homo sapiens TERF2 interacting protein (TERF2IP), transcript variant 1, mRNA	Cleavage
ggn-miR5021	NM_001079514.3	1	Homo sapiens ubinuclein 1 (UBN1), transcript variant 2, mRNA	Cleavage
ggn-miR5021	NM_015562.2	1	Homo sapiens UBX domain protein 7 (UBXN7), mRNA	Cleavage
ggn-miR5021	NM_053023.5	1	Homo sapiens ZFP91 zinc finger protein (ZFP91), transcript variant 1, mRNA	Cleavage
ggn-miR399-3p	NR_148047.1	2	Homo sapiens transforming acidic coiled-coil containing protein 1 (TACC1), transcript variant 32, non-coding RNA	Cleavage
ggn-miR399-3p	NM_000262.3	3	Homo sapiens alpha-N-acetylgalactosaminidase (NAGA), transcript variant 1, mRNA	Cleavage
ggn-miR399-3p	NR_033897.1	3	Homo sapiens EPHA1 antisense RNA 1 (EPHA1-AS1), long non-coding RNA	Cleavage
ggn-miR399-3p	NM_001300.6	3	Homo sapiens Kruppel like factor 6 (KLF6), transcript variant A, mRNA	Cleavage
ggn-miR399-3p	NM_005797.4	3	Homo sapiens myelin protein zero like 2 (MPZL2), transcript variant 1, mRNA	Cleavage
ggn-miR399-3p	NM_199044.3	3	Homo sapiens NOP2/Sun RNA methyltransferase 4 (NSUN4), transcript variant 1, mRNA	Cleavage
ggn-miR399-3p	NM_001256510.1	3	Homo sapiens single stranded DNA binding protein 1 (SSBP1), transcript variant 1, mRNA	Cleavage
ggn-miR399-3p	NM_024643.4	3	Homo sapiens zinc finger C2HC-type containing 1C (ZC2HC1C), transcript variant 1, mRNA	Cleavage
ggn-miR399	NM_000633.2	3	Homo sapiens BCL2 apoptosis regulator (BCL2), transcript variant alpha, mRNA	Cleavage
ggn-miR399	NM_004525.3	3	Homo sapiens LDL receptor related protein 2 (LRP2), mRNA	Cleavage
ggn-miR399	NM_001318808.1	3	Homo sapiens membrane anchored junction protein (MAJIN), transcript variant 3, mRNA	Cleavage