Supplementary Information for

**CD44 Gene rs8193 C Allele Is Significantly Enriched in Gastric Cancer Patients**

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## Table S1: miR-570 targetome

| miRNA   | Gene      | miRWalk | Microt4 | mirRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|---------|-----------|---------|---------|----------|--------|-------|-----------|------------|-----|
| miR-570-3p | ACVR2A   | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | ADCYAP1RI | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | ZFHX3     | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | ATRX      | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | ATRX      | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | CAMK2A    | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | CDK6      | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | CEBPG     | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | CPM       | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | DLG2      | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | EDNRB     | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | ERCC4     | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | FSHB      | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | GCNT2     | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | NR3C1     | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | GSK3B     | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | LIPA      | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | LRP6      | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | MARCKS    | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | MDM4      | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | MEF2C     | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | MEF2D     | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | KMT2A     | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | MTM1      | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | MTM1      | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | NFATC2    | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | NMT1      | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | PBX1      | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | PLXNA2    | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | PMP2      | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | KDM5A     | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | RFX3      | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | RORA      | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | RPS6KA3   | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | ATXN7     | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | ITSN1     | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | SNTB2     | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | SRPK1     | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | TROVE2    | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 7   |
| miRNA   | Gene      | miRWalk | Micro4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|---------|-----------|---------|--------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p | SSR1      | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | ST13      | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | STK4      | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | GCFC2     | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | TCF12     | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | TRAPPCC10 | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | TP53      | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | TRPS1     | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | UBP1      | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | NRIP1     | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | FZD4      | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | HIST2H2BE | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | TNKS      | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | NRIP1     | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | ATG12     | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | REPS2     | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | VAPA      | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | DLGAP1    | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | BAG4      | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | LRR1C4    | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | HDAC4     | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | BCLAF1    | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | ZBTB39    | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | SRGAP3    | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | PTBP3     | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | AKT3      | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | TSPAN3    | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | OPTN      | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | HMG20A    | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | SYNPO     | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | RAS2      | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | IKZF2     | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | MT2F      | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | COBLL1    | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | ZNF507    | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | PDSSB     | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | TBC1D2B   | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | GSE1      | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | WSCD1     | 1       | 1      | 1       | 1      | 1     | 1         | 1          | 7   |
Table S1: Continued

| miRNA   | Gene     | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|---------|----------|---------|---------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p | CRTC1    | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | LRRC8B   | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | ZNF451    | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | ZBTB20    | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | RBMS3     | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | KCNMB4    | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | ZBTB44    | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | TMOD2     | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | TRA2A     | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | UBIAD1    | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | RNF141    | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | DCTN4     | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | SS18L2    | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | FAM53C    | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | DACT1     | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | RAPGEF6   | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | RSF1      | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | SNRK      | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | COMMD4    | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | FAM120C   | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | STRBP     | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | MBNL3     | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | EIF5A2    | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | SMARCAD1  | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | PELI1     | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | HER1      | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | CGN       | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | TAOK1     | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | STIM2     | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | NYAP2     | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | ALS2      | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | USP37     | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | TRAK2     | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | ARS1      | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | PEAK1     | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | SRCIN1    | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | NUAK2     | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | APH1B     | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | SPRTN     | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miR-570-3p | KATNAL1   | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 7   |
| miRNA     | Gene       | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|-----------|------------|---------|---------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p | NFATC2IP   | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | NAV1       | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | TP53INP1   | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | C19orf47   | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | TCEANC2    | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | CPEB2      | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | FAM199X    | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | C20orf112  | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | NRSN1      | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | RC3H1      | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | FAM117B    | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | AMOTL1     | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | ZXDB       | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | PIKfyVE    | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | AMER2      | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | SEMA3D     | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | SLC17A8    | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | GXYLT1     | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | ZNF445     | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | YPEL2      | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | BEND4      | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | ZBTB34     | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | PSAPL1     | 1       | 1       | 1       | 1      | 1     | 1         | 7          |     |
| miR-570-3p | **CD44**   | 0       | 1       | 1       | 1      | 1     | 1         | 6          |     |
| miR-570-3p | ABL2       | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ACADS8     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ACOX1      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ACVR1      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ADH5       | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | AP1G1      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | AK2        | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | BIN1       | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | APBB2      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RND3       | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ARNT       | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ASTN1      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RERE       | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ATP1B1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ATP1B2     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ATP2A2     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
Table S1: Continued

| miRNA   | Gene     | miRWalk | Microt4 | mirRanda | mirRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|---------|----------|---------|---------|----------|---------|-------|-----------|------------|-----|
| miR-570-3p | ATP2B1   | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | ATP2B2   | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | ATP2B3   | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | ATP2B4   | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | ALDH7A1  | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | ALDH7A1  | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | ATP6V1B2 | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | ATP7A    | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | ATP7B    | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | BACH1    | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | BAG1     | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | BAG1     | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | BAI3     | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | BCL2L2   | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | BCL9     | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | BICD1    | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | BIK      | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | BNC1     | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | BMP2     | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | BMP3     | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | BMP7     | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | BMPR1B   | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | BMPR2    | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | KLF9     | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | OSGIN2   | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | MPPED2   | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | CACNA1B  | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | CACNA1E  | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | CACNB4   | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | CALB1    | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | CALD1    | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | CCND2    | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | CD28     | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | CIRBP    | 1       | 1       | 0        | 1        | 1     | 1         | 1          | 6   |
| miR-570-3p | CLCN3    | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | CMKLR1   | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | COL4A4   | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miR-570-3p | COL8A2   | 1       | 1       | 1        | 1       | 0     | 1         | 1          | 6   |
| miRNA   | Gene      | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|---------|-----------|---------|---------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p | KLF6     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CPD      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CREBBP   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CREBL2   | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | CRKL     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | HAPLN1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CYLD     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CYP26A1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | DAB1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | DAG1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | DGKB     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | DCX      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | DMXL1    | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | DLX2     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | DMD      | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | DPYSL3   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | DSC3     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | DTNA     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | DUSP4    | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | DUSP8    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | DVL3     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | EFN5     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | EIF4G2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SERPINB1 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ELAVL2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ELAVL1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | EKLF     | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | EPHA3    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | EPHA5    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | EPHA7    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | EYA4     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ERG      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ESRI     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ETS1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ETS2     | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | ETV5     | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | ETV6     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | EYA1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | EZH1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | FGF2     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miRNA     | Gene    | miRWalk | MicroT4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|-----------|---------|---------|---------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p| FOXO3   | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| FMR1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| AFF2    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| FUT1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| FUT1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| KDSR    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| GABPA   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| GABRA1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| GABRA4  | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| GABRB2  | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| GANC    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| NR6A1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| GDNF    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| GFRA1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| GPC3    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| GLS     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| GNAI1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| GNAL    | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| GNG4    | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| GPD2    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| GPM6A   | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| RAPGEF1 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| GRIA3   | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| GRIA3   | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| GRIK2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| GRM1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| GRM7    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| GRSF1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| GSPT1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| GUCY1A2 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| HAS3    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| HCFC1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| HDAC2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| HGF     | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| HIP1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| HIP1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| UBE2K   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| HLF     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| HMGCS1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miRNA      | Gene       | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|------------|------------|---------|---------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p | HNF4G      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | HNRNP42B1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | FOXN2      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | HTTR1E     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | IFNAR1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | IGFI1R     | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | IGFBP5     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RBP1       | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | IL1RAP     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | IL10       | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | INSR       | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ISL1       | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ITGB3      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ITPR2      | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | JAK2       | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | KCNJ3      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | KCNJ13     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | KCNMA1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | KIF5B      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | KPNA3      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | KPNA4      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | IPO5       | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | LAMC1      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | LAMP2      | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | LIFR       | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | LMX1A      | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | LPP        | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | MBD1       | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | SMAD3      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SMAD4      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MAF        | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MBL2       | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | MBNL1      | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | MECP2      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MECP2      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MEF2A      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MEIS2      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MAP3K1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MFAP1      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MFAP3      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miRNA   | Gene      | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|---------|-----------|---------|---------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p | MGAT2     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MGAT5     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ATXN3     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | AFF1      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | AFF1      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MMP1      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MMP8      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MN1       | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MYO1B     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MSX2      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MTAP      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MXI1      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MYH9      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MYO1C     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MYO6      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MYO9A     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PPP1R12A  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PPP1R12B  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MYT1      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NAPIL2    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NAPIL4    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NBN       | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NCAM1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NCK1      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NDUFA4    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NDUFA5    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NDUFA10   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | Sep-02    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NEDD9     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NEFH      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NEK1      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NEATC1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NFIA      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NFATC3    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NFIB      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NFIC      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NFIX      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NFBY      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NHR      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NOS1      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miRNA    | Gene   | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|----------|--------|---------|---------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p | CNOT4  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NOTCH2 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NPR3   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NRAS   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NTRK2  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NTRK3  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ROR1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NTS    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | OAZ2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | OCL    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ODF2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | OPA1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | OPCML  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | OPHN1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | OSM    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | FURIN  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PFAH1B1| 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PFAH1B2| 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PFAH2  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PAK2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PAM    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PAPP   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PAX2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PAX5   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PDCL   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PCCB   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PCSK5  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PDE1A  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PDE4B  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PDE4D  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PDE6A  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PDE9A  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PHDA1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PDPK1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CDK14  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PGGT1B | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PGM5   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PGR    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PHF2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PI6A   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miRNA      | Gene     | miRWalk | Micro4 | mirRanda | mirMap | RNA22 | RNAhybrid | Targetscan | SUM |
|------------|----------|---------|--------|----------|--------|-------|-----------|------------|------|
| miR-570-3p | PIK3C2A  | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PITPNA   | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PKNOX1   | 1       | 1      | 1        | 0      | 0     | 1         | 1          | 6    |
| miR-570-3p | PLAG1    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PLAGL2   | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PLA1     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PLD1     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PLP1     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PSI1     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PRRX1    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PNN      | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | UBL3     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PDXL     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | POR      | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | POU2F1   | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PPEF2    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PPAT     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PPIA     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PPM1A    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PPM1B    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PPM1G    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PPI1CB   | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PPP1R2   | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PPP1R3D  | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PPP1R10  | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PPP2R5C  | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PPP3CA   | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PPP3CB   | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PRKAA1   | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PKN1     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PKIB     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PRKAR2A  | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PRKCA    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PRKCB    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PRKGI    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | MAPK9    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | MAPK10   | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | MAPK10   | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PRLR     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PROX1    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6    |
| miRNA   | Gene   | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|---------|--------|---------|---------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p | PRRG1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MASP1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PSEN1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PSMC6   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PSMD10  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PSMD11  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PTCH1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PTGFRN  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PTGS2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TWF1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PTN     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PTPN4   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PTPN11  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PTPN14  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PTPRB   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PTPRD   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RFRJ    | 1       | 1       | 0       | 1       | 1     | 1         | 1          | 6   |
| miR-570-3p | PTRO    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PTPRZ1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RAD1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PURB    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PRK1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PXN     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | QDPR    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RAB2A   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RAB3B   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RAB4A   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RAC1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RAD23B  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RAF1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RAG1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RAP1GDS1| 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RASA2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RB1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RBBP4   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RBBP5   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RDX     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | UF1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RFX1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RGS16   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miRNA   | Gene   | miRWalk | Micro5 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|---------|--------|---------|--------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p | RHD    | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | BRD2   | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ABCE1  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ROBO1  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ROBO2  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ROCK1  | 1       | 1      | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | RPS6KA2| 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RPS6KB1| 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CLIP1  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CLIP6  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RYR2   | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SATB1  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ATXN1  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ATXN2  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SCN9A  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SDC2   | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SEL1L  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SFRP1  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SFRP2  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SRSF2  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SRSF5  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SRSF6  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SGCD   | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ST8SIA1| 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SIM1   | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SKI    | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SKIL   | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SKP2   | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SLA    | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SLC1A2 | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SLC1A4 | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SLC5A3 | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SLC6A6 | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SLC8A1 | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SLC8A3 | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SLC18A2| 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SLC22A5| 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SIGLEC1| 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SORL1  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SOS1   | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miRNA    | Gene   | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|----------|--------|---------|---------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p | SOX1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SOX3  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SOX5  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SOX9  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SP1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SP3   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SP4   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SPAG1 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SPTAN1| 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SP9   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SRP14 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SRP54 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SSTR3 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | HSPA13| 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | STRN  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | STX3  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MED22 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | VAMP1 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SYK   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ST11  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TAC1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TAFA4B| 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TAFJ1 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TBCA  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TBCC  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TCF4  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TBX3  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | HNF1B | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TCF7L2| 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TCF20 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TCF21 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TCTA  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TEAD1 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TERF2 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TFAM  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TFAP2B| 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TFDP1 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TFRC  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TGFA  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miRNA    | Gene     | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|----------|----------|---------|---------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p | TGFA     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TGFBR1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | THBD     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | THR8     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | KLF10    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TIA1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TIMP2    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TIMP3    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TIMP4    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TNF      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TNFAIP3  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TOP2A    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TPM3     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TPP2     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TRAF3    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TTK      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TTR      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TUFT1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | UBE2E1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | UBE2H    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SUMO1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | UBF1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | UGT8     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | UTRN     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | KDM6A    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | EIF4H    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | WEE1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | WNT7B    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | WRN      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | XPO1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | XRCC4    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | YES1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | YWHAG    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | YWHAZ    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ZFX      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ZFY      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ZIC1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ZIC3     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ZNF3     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ZNF12    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miRNA   | Gene      | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|---------|-----------|---------|---------|---------|--------|-------|-----------|------------|------|
| miR-570-3p | ZNF22     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ZNF24     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ZNF35     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ZNF74     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ZNF84     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ZNF148    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ZSCAN9    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ZFAND5    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ZXDA      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ST8SIA4   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | MAFK      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | FZD3      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | TUSC3     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | BRD3      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | NCOA4     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PTP4A2    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | KMT2D     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | FXR1      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | HMGA2     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | RND2      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | NCOA3     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | DGCR14    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | FZD7      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | NSMAF     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | CUL3      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | CUL2      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ATRN      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | SMARCA5   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | FKBP6     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | CDC42BP1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | MAP4K3    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | GCM1      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | GAS7      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | DGKE      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | AGPS      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | CGGBP1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | BHLHE40   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PDLIM4    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | TNFSF11   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | STC2      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miRNA     | Gene     | miRWalk | Microt4 | miRanda | mirMap | RNA22 | RNAhybrid | Targetscan | SUM |
|-----------|----------|---------|---------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p | PDE8B    | 0       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | TP63     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PDE5A    | 0       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | IRS2     | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | SLC4A4   | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | VAMP4    | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | PEA15    | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | JRKL     | 0       | 1       | 1       | 1      | 1     | 2         | 0          | 0   |
| miR-570-3p | B4GALTL2 | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | ABCC3    | 0       | 1       | 1       | 1      | 1     | 2         | 0          | 0   |
| miR-570-3p | NOL4     | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | SNX4     | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | SNX3     | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | ADAM19   | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | CDS2     | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | CD164    | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | SNAP23   | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | RIOK3    | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | TNFRSF11A| 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | TRIM24   | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | DCAF5    | 0       | 1       | 1       | 1      | 1     | 2         | 0          | 0   |
| miR-570-3p | CD84     | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | ALKBH1   | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | ASAP2    | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | PER2     | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | EIF2S2   | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | CPNE3    | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | PRPF4B   | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | MPZL1    | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | SEMA5A   | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | MAP7     | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | SLC7A6   | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | CLDN8    | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | MTMR4    | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | SEC22C   | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | RABEP1   | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | OSMR     | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | ZMYM6    | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | XPR1     | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miR-570-3p | VAPB     | 1       | 1       | 1       | 1      | 0     | 2         | 0          | 0   |
| miRNA    | Gene   | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|----------|--------|---------|---------|---------|--------|-------|-----------|------------|------|
| miR-570-3p | MTA2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | DLGAP2 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | DLG5   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | SRSF11 | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | SOCS6  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PPIG   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | RASAL2 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | AKAP7  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PSMF1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | SLC4A7 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | STXB5L | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | IGDC3  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | SOX13  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PDIA4  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | AATK   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | SH3PXD2A | 0     | 1       | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | MTFR1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ZNF516 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | EIF5B  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | FAM53B | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | N4BP1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | FAM131B | 1      | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PHF16  | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | KIAA0232 | 1    | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | TBC1D5 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | RMS3   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | SERTAD2 | 1     | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | DAZAP2 | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | KIAA0141 | 1    | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | EFCAB14 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | GIT2   | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | GINS1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | TLK1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | SMG7   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | TECPR2 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | RABGAP1L | 0    | 1       | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | HELZ   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | MAFB   | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | RBM8A  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | THRAP3 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miRNA   | Gene   | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|---------|--------|---------|---------|---------|--------|-------|-----------|------------|------|
| miR-570-3p | HNRNPDL | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ABI1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ZBTB33  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ABCC5   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | RBM12   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | FAM13A  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ABI2    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | WASF2   | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | CNHI1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | LHFP1L2 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | AP3352  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | KCNMB2  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | SPRY3   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | SPRY1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | SPRY2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | STAM2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | Mar-06  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | RTN3    | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | PCGF3   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | TUBB4B  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | CORO2B  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ATP8A1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ATP8A1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ARHI2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ZBTB18  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | SLC9A6  | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | SEC23A  | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | NCOA2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | DDX17   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ARL6IP5 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ARFGEF2 | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | SMC2    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PDLIM5  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | HEXIM1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | STAMBP  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | CELF1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | CELF2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | NFAT5   | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | HBS1L   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | FRS2    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miRNA   | Gene    | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|---------|---------|---------|---------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p | SUB1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | SPIN1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | GCN1L1 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | KIF2C  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | NUDT21 | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 1   |
| miR-570-3p | ABHD2  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | RAPGEF4| 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | ADAMTS5| 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | HNRNPUL1| 1       | 1       | 1       | 1      | 0    | 1         | 1          | 1   |
| miR-570-3p | PTPT   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | ZWINT  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | AP4S1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | MAP4K5 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | AKAP13 | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 1   |
| miR-570-3p | AKAP11| 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | SEC63  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | KLF12  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | KLF8   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | MGAT4A | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | DDX42  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | RNF13  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | RAB11FIP2| 1       | 1       | 1       | 1      | 0    | 1         | 1          | 1   |
| miR-570-3p | VASH1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | ADNP2  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | CHSY1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | NLGN1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | ENPP4  | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 1   |
| miR-570-3p | INPP5F | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | FOXJ3  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | ZNF365 | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 1   |
| miR-570-3p | MAPRE1 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | ATF6   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | SEPHS1 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | CCT5   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | RMS1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | WDFY3  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | TMCC1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | KDM4B  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | SAMD4A | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 1   |
| miR-570-3p | PHLPP2| 1       | 1       | 1       | 1      | 0    | 1         | 1          | 1   |
| miRNA     | Gene    | miRWalk | MiRCAT | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|-----------|---------|---------|--------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p| WDTC1   | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| MYT1L   | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| SWAP70  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| AVL9    | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| TRIM35  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| CDK19   | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| TNRC6B  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| NFASC   | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| HIC2    | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| ZZEF1   | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| DCUN1D4 | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| SI11    | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| ZC3H4   | 0       | 1      | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| FBXO28  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| DTX4    | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| ARHGEF9 | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| PLCB1   | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| ANKR12  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| MGA     | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| CUX2    | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| USP22   | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| NEDD4L  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| KIAA0895| 0       | 1      | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| MED13L  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| EXOSC2  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| DICER1  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| SIRT1   | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| SLC44A1 | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| CBX5    | 0       | 1      | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| TRAM1   | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| SEZ6L   | 0       | 1      | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| DDAH1   | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| PRND    | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| SSBP3   | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| STX12   | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| SH3BP4  | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| MTCH2   | 0       | 1      | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| METTL7A | 1       | 1      | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| MOB4    | 0       | 1      | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| RNF19A  | 0       | 1      | 1       | 1      | 1     | 1         | 1          | 6   |
Table S1: Continued

| miRNA   | Gene       | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|---------|------------|---------|---------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p | THUMPD3    | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | C2orf194    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | GPR124     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NUDT13     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | C2CD2      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NGDN       | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | L3MBTL1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | LRP10      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SS18L1     | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | FAM169A    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PPP1R16B   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | AUTC2      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RAB11FIP5  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RAI14      | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | LSM14A     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SZRD1      | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | FBXL4      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | BLOC1S6    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | FBXO3      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | GREM1      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ZBTB11     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | KLHL20     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PCDH17     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PCDH11X    | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | HIPK2      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CCDC113    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TMOD3      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TFCP2L1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SENP1      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NOT7       | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SNX12      | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | HUNK       | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ST6GALNAC6  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ZBTB21     | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | MYEF2      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CDON       | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TMED5      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TMED7      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ST8SIA3    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SEPSECS    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miRNA     | Gene      | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|-----------|-----------|---------|---------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p| SH3GLB1   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| SAR1B     | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| PHF20     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| CRIM1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| NIP7      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| COMMD10   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| FAM8A1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| CTDSPL2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| VPS54     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| RAB14     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| PEX5L     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| TRIM33    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| KLF13     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| ATP8A2    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| TM6SF1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| LRP1B     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| CPSF2     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| BRWD1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| C21orf91  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| ATAD2B    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| ANKIB1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| SPATA6    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| MAP10     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| TMEM106B  | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p| RSBN1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| CRLS1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| Mar-05    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| OTUD4     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| IL17RD    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| ZRANB1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| DNAJB12   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| TET2      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| BNC2      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| BIVM      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| PIGG      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| DPP8      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| LPPR1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| INO80D    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| CMTM6     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| IMP4D1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |

Table S1: Continued
| miRNA   | Gene      | miRWalk | Micro4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|---------|-----------|---------|--------|---------|--------|------|-----------|------------|-----|
| miR-570-3p | PARP16   | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | SLC35F6  | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | PLEKHB2  | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | PDPR     | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | DET1     | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | C10orf118| 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | PRPF38B  | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | LARP1B   | 0       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | MSL2     | 1       | 1      | 1       | 1      | 1    | 1         | 1          | 6   |
| miR-570-3p | SMG8     | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | SBN0I    | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | SMU1     | 0       | 1      | 1       | 1      | 1    | 1         | 1          | 6   |
| miR-570-3p | VPS53    | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | ZNF654   | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | LIN7C    | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | YOD1     | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | ETKN1    | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | ELMOD1   | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | SOX6     | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | FAM46A   | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | ZNF407   | 0       | 1      | 1       | 1      | 1    | 1         | 1          | 6   |
| miR-570-3p | G2E3     | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | SLC30A6  | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | WDR11    | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | Sep-11   | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | TMEM30A  | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | MCTP2    | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | FGD6     | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | TREF1    | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | UBA2     | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | ASH1L    | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | ZNF395   | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | CTTNBP2NL| 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | PCDHA6   | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | LMOD3    | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | CLDND1   | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | JPH1     | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | SPIRE1   | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | CA10     | 1       | 1      | 1       | 1      | 0    | 1         | 1          | 6   |
| miR-570-3p | PMEPA1   | 0       | 1      | 1       | 1      | 1    | 1         | 1          | 6   |
| miRNA      | Gene      | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|------------|-----------|---------|---------|---------|--------|-------|-----------|------------|------|
| miR-570-3p | LHX9      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | STOX2     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | BBX       | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | CDC42SE2  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | TWSG1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | GOPC      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | SLC39A10  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | KIAA1244  | 1       | 1       | 0       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | ZNF286A   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | TMCC3     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | GATAD2B   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | PPM1H     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ERMN      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | GRAMD1B   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | NLN       | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | RIMKLB    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | MKL2      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | MTA3      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | INTS2     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | NUFIP2    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | MIB1      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | SEMA6A    | 1       | 1       | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | KLHL14    | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | TMEM181   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | KIAA1430  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | WDFY1     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | FNIP2     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | RANBP10   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | ISLR2     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | SHROOM3   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | DPP10     | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | FBRSL1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | KIAA1549  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | GPAM      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | KIAA1598  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | FAM160B1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | SLC7A14   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | SFMBT2    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | GPR107    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miR-570-3p | EPG5      | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6    |
| miRNA   | Gene   | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|---------|--------|---------|---------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p | TP53INP2 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | FAM60A   | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | SNX6     | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | TGF2     | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | BACH2    | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | BCO1L1   | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | PRDM15   | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| miR-570-3p | NPAS3    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| miR-570-3p | C10orf54 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | XYL1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| miR-570-3p | NECAB1   | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | PAPD5    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| miR-570-3p | ZMAT3    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| miR-570-3p | COPS7B   | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | ACBD3    | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | RMND5A   | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | YTHDC2   | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | USP46    | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | RFX7     | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | RANBP17  | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | CASD1    | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | REEP1    | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | WNK3     | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | ZBTB10   | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | MTMR9    | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | BOLL     | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | TMEM43   | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | RNF219   | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | RIC3     | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | ARHGAP10 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | ZMAT4    | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | ZYG11B   | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | TBL1XR1  | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | SNIP1    | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | MOB3B    | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | THSD4    | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | MCMBP    | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | CYBRD1   | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | ERMP1    | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 6 |
| miR-570-3p | C10orf88 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 6 |
| miRNA     | Gene    | miRWalk | Microt4 | mirRanda | MirMap | RNA22 | RNAhybrid | Targetscan | SUM |
|-----------|---------|---------|---------|----------|--------|-------|-----------|------------|-----|
| miR-570-3p| PHC3    | 1       | 1       | 1        | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| WWC2    | 1       | 1       | 1        | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p| TRPM3   | 1       | 1       | 1        | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p| PGAP1   | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| CCDC176 | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| CCDC170 | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| SIKE1   | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| WDR26   | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| EPC1    | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| KCNIP4  | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| CYB5B   | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| DDHD1   | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| ZFP91   | 0       | 1       | 1        | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| JHDM1D  | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| FAM49A  | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| FAM117A | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| SNX27   | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| ANP32E  | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| MAP1LC3B| 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| VANGL1  | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| SEH1L   | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| PCDH11Y | 0       | 1       | 1        | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| RAB33B  | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| FAM167A | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| CALN1   | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| SH3BGRL2| 0       | 1       | 1        | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| SETDB2  | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| FAM172A | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| B3GNT5  | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| MAGT1   | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| SLC10A7 | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| LRRIQ1  | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| UTP15   | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| RNASEH2C| 0       | 1       | 1        | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| ARID5B  | 0       | 1       | 1        | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p| HSDL2   | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| PHF6    | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| SARNP   | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| RAB11FIP4| 1      | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p| PHYHIPL | 1       | 1       | 1        | 1      | 0     | 1         | 1          | 6   |
| miRNA     | Gene     | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|-----------|----------|---------|---------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p | LCOR     | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | FAXC     | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | PARD6B   | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | RNASE7   | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | FAM136A  | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | ZNRF1    | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | KIAA1671 | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | KIAA1737 | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | ZC3H12C  | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | SSH2     | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | EPT1     | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | NAV2     | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | MIDN     | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | CCDC120  | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | KCN7H7   | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | HS6ST2   | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | FAM105B  | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | STARD13  | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | ZNF697   | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | SED1     | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | PLXNA4   | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | ELMSAN1  | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | CABLES1  | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | HNRNPALL | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | MYOCD    | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | DTD2     | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | FMNL2    | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | ELF2N    | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | ZNF618   | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | SLC26A7  | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | KCTD12   | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | FCRL3    | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | CYYR1    | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | C8orf34  | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | RAB3IP   | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | ANTRXR2  | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | C10orf90 | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miR-570-3p | SOCS4    | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | TC2N     | 1       | 1       | 1       | 0      | 1     | 1         | 1          | 6   |
| miRNA   | Gene     | miRWalk | Micro4 | mirRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|---------|----------|---------|--------|----------|--------|-------|-----------|------------|-----|
| miR-570-3p | NLRP5    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SYT2     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | UHMK1    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | LIXIL     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TBC1D20   | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | DUSP15    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | FAM168B   | 1       | 1      | 0        | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | LYPD6     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | KCNH8     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PPARC1B   | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | STARD4    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | WDR36     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | C5orf24   | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CD109     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MTPN      | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | UBXN2B    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NACC2     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SLITRK4   | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SOGA1     | 1       | 1      | 1        | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | ZNF280B   | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PABPC5    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ACUL1     | 1       | 1      | 1        | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | SESN3     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | EZF7      | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CMTM4     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RINDC1    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | C18orf25  | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CCB1E1    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SIT6      | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PHF13     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SLC30A7   | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PD1K1L    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CCDC117   | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ARL6IP6   | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CCNYL1    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PPP1R1C   | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TTC14     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CCDC50    | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CNTN4     | 1       | 1      | 1        | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NFXLI     | 0       | 1      | 1        | 1      | 1     | 1         | 1          | 6   |
| miRNA | Gene   | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|-------|--------|---------|---------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p | CREBF   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RNF217  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | AMOT    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TMTC3   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | GPR180  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ZNF709  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | DENND1B | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | LONRF2  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PRICKLE2| 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SGMS2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TXLNB   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | THAP5   | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | ZNF800  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TMEM64  | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | OLFML2A | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | GLIS3   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | VSTM4   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | LCTL    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CC2D1B  | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | TXLNA   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | STK32A  | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | C9orf72 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ANKS6   | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | ZNF449  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | VMA21   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | HIPK1   | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | HIPK1   | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | C2orf69 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ZNF25   | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | RTKN2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | DOK6    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | HNRPAP3 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ARL5B   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | HNRPUL2 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RBM24   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SMIM13  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | FOX1    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | HS3ST5  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SLC35F1 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ZSCAN23 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miRNA  | Gene   | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|--------|--------|---------|---------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p | ZNRF2  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CNOT6L | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SLC25A30 | 0     | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | LCLAT1 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CADM2  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MMS22L | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CERS6  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | UBN2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MCOLN2 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ELMOD2 | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | SYT14  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | LYSMD2 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MAP7D2 | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | RNF214 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | HSPA12A | 0      | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | RBM20  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MKX    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PGM2L1 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | OLFML1 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RASSF3 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | KSR2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PRTG   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | UNC80  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | C5orf51 | 0      | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | RGMB   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TRIQK  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | DPY19L4 | 1      | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SCAI   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | EIF4E3 | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | KRTAP11-1 | 1     | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | LUZP2  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ZDHHC21 | 1      | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | KIAA2022 | 1     | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ZC3H12B | 1      | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ZKSCAN2 | 1     | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | OSTN   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PLCXD3 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MACC1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SKA2   | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | C1orf95 | 1     | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miRNA    | Gene   | miRWalk | Microt4 | miRanda | mirMap | RNA22 | RNAhybrid | Targetscan | SUM |
|----------|--------|---------|---------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p | PTAR1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ERCC6L2 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CEP85L | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | FIBIN  | 0       | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | TNFAIP8L3 | 1     | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PLEKHM3 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | VGLL3  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | LIN28B | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | IYD    | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | NUDT19 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | C20orf202 | 1     | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CCSER1 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | RG57BP | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | SAMD12 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | MINOS1 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | PALM2-AKAP2 | 1    | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CCDC73 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | CLLU1  | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ZNF704 | 1       | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | C15orf56 | 0    | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | SYNDIG1L | 1    | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | FAM198A | 0      | 1       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | TMEM170B | 1     | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | C17orf96 | 1    | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | TMEM178B | 1     | 1       | 1       | 1      | 0     | 1         | 1          | 6   |
| miR-570-3p | ALDH1A3 | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | FOXN3  | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | CLU    | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | ETV1   | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | FYN    | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | GFPT1  | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | GCLC   | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | GNA12  | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | ITPKB  | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | DNAJB9 | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | MYCL   | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | NAP1L1 | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | NCBP1  | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | SERPINA1 | 1    | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | PKP1   | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miRNA     | Gene     | miRWalk | Microt4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|-----------|----------|---------|---------|---------|--------|-------|-----------|------------|-----|
| miR-570-3p | PMAIP1   | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | PSMD9    | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | SCN4B    | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | SCN5A    | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | SCN5A    | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | SRL      | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | CCL8     | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | CNTN2    | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | TGFβ2    | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | PRDM2    | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | PRSS12   | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | STX16    | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | ADAM23   | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | ANGPTL1  | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | CDC42BPB | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | HS2ST1   | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | SLC25A44 | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | AREL1    | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | ZBTB5    | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | LPGAT1   | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | STON1    | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | CPSF6    | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | PDZD2    | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | TBC1D30  | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | PPP1R13B | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | RASD2    | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | NGFRAP1  | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | RABGEC1  | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | GOLT1B   | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | TBC1D8B  | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | SLC39A9  | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | CNOT11   | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | SMPD4    | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miR-570-3p | KANSL3   | 1       | 0       | 1       | 1      | 1     | 1         | 1          | 6   |
| miRNA     | Gene         | miRWalk | Micro4 | miRanda | miRMap | RNA22 | RNAhybrid | Targetscan | SUM |
|-----------|--------------|---------|--------|---------|--------|-------|-----------|------------|------|
| miR-570-3p | DNAJC11      | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | IL36G        | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | GPR108       | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | SLC12A9      | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | KIAA1210     | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | NSD1         | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | ZNF614       | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | ORAI2        | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | LDOC1L       | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | C2orf88      | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | SRRM4        | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | FOXP2        | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | PNMA5        | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | ASB7         | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | SLFN13       | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | SPRED2       | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | SDK1         | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | KCTD20       | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | CT45A3       | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | CT45A4       | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |
| miR-570-3p | CT45A2       | 1       | 0      | 1       | 1      | 1     | 1         | 1          | 6    |