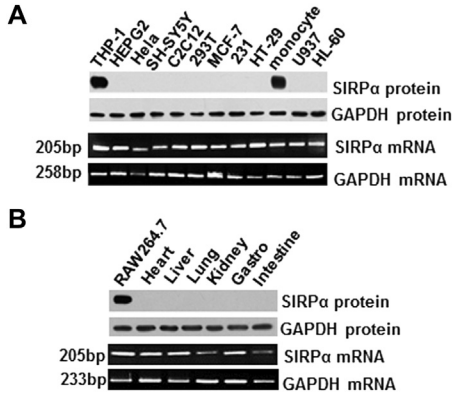


**FIG E1.** Disparity between SIRPα protein levels and SIRPα mRNA levels in various cell types **(A)** and tissue **(B)**.

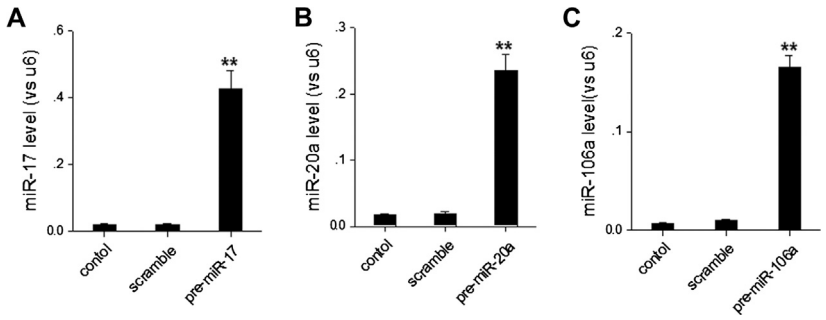


**FIG E2.** Increased miR-17, miR-20a, or miR-106a levels in THP-1 cells by means of overexpression with pre–miR-17 **(A)**, pre–miR-20a **(B)**, or pre–miR-106a **(C)** oligonucleotide. Data represent means ± SDs of 3 independent experiments. $^{**}P < .01$.

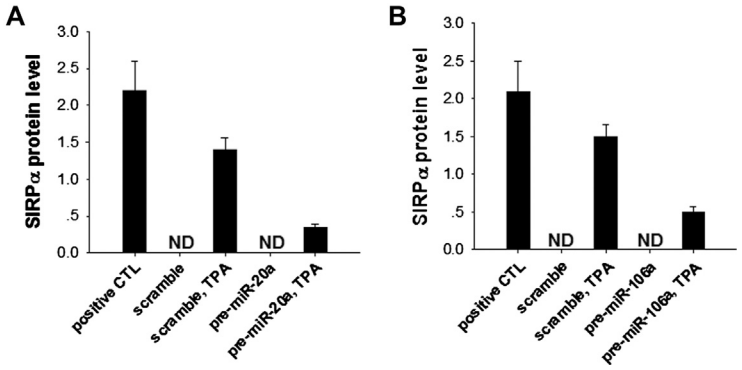


**FIG E3.** Inhibition of TPA-induced SIRPα protein production in HL-60 cells by overexpression of miR-20a **(A)** or miR-106a **(B)**. *CTL*, Control; *ND*, undetectable.

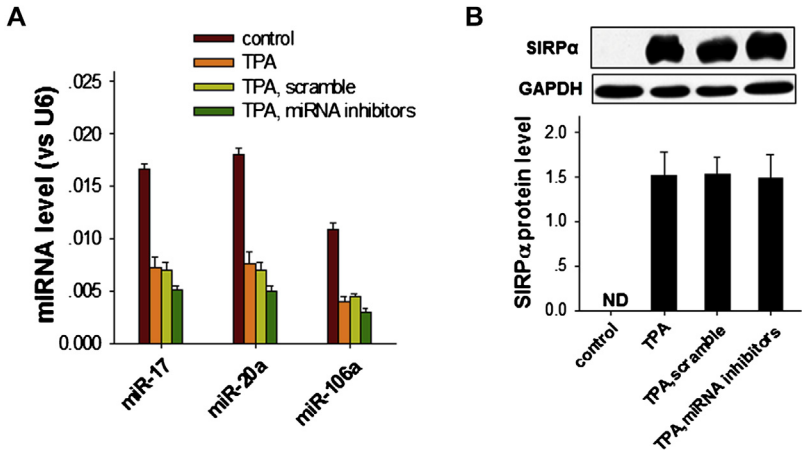


**FIG E4.** Levels of miRNAs **(A)** and SIRPα protein **(B)** in TPA-treated HL-60 cells with or without transfection of miRNA inhibitors. Note that although miRNA inhibitors bring some additional decrease in miR-17, miR-20a, and miR-106a levels in TPA-treated HL-60 cells, they do not further increase SIRPα protein levels. Data represent means ± SDs of 3 independent experiments. *ND*, Undetectable.

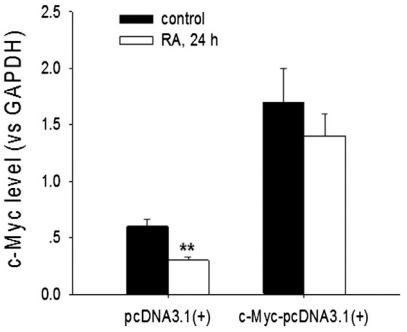


**FIG E5.** Blockade of RA-induced reduction of c-Myc levels in HL-60 cells by overexpressing c-Myc. Data represent means ± SDs of 3 independent experiments. $^{**}P < .01$.

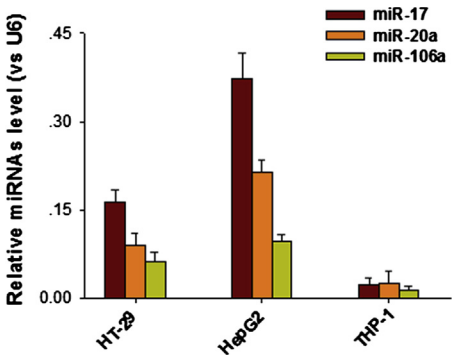


**FIG E6.** Relatively higher miR-17, miR-20a, and miR-106 levels in SIRPα-negative human epithelial HT29 cells and liver carcinoma HepG2 cells than in SIRPα-positive THP-1 cells.

**TABLE E1.** Expression profile of miRNAs in HL-60 cells treated with or without TPA detected by means of microarray

| miRNA ID | Fold change (TPA vs control) | miRNA ID | Fold change (TPA vs control) |
|---|---|---|---|
| miR-423-5p | 0.0612 | miR-9 | 0.4933 |
| miR-301b | 0.1227 | miR-192 | 0.4936 |
| miR-98 | 0.1238 | miR-27b | 0.4938 |
| miR-100 | 0.125 | miR-32 | 0.4941 |
| miR-142-5p | 0.1251 | miR-579 | 0.4943 |
| miR-328 | 0.1257 | miR-30c | 0.4954 |
| miR-185 | 0.1279 | miR-128a | 0.4966 |
| miR-148a | 0.129 | miR-26a | 0.4971 |
| miR-99a | 0.1313 | let-7a | 0.4973 |
| miR-181c | 0.1344 | miR-106a | 0.4975 |
| miR-487a | 0.1346 | let-7f | 0.4975 |
| miR-362 | 0.2421 | miR-324-3p | 0.4977 |
| miR-532-3p | 0.2426 | miR-17 | 0.4981 |
| miR-320 | 0.2436 | miR-16 | 0.4982 |
| miR-494 | 0.2444 | miR-29b | 0.4986 |
| miR-331-5p | 0.2449 | miR-191 | 0.4987 |
| miR-425-5p | 0.2454 | miR-15b | 0.5006 |
| miR-25 | 0.2458 | miR-125b | 0.5016 |
| miR-199a-3p | 0.2459 | miR-193a-5p | 0.5018 |
| let-7g | 0.2466 | miR-532 | 0.502 |
| miR-19b | 0.247 | miR-500 | 0.502 |
| miR-27a | 0.2472 | miR-545 | 0.5021 |
| miR-342-3p | 0.2473 | let-7e | 0.5022 |
| miR-195 | 0.2473 | miR-345 | 0.5023 |
| miR-19a | 0.2474 | miR-145 | 0.5024 |
| miR-30b | 0.2475 | miR-101 | 0.5031 |
| miR-335 | 0.2478 | miR-103 | 0.5039 |
| miR-92a | 0.2479 | miR-331 | 0.5058 |
| miR-106b | 0.2482 | miR-28 | 0.5069 |
| miR-130b | 0.2485 | miR-15a | 0.507 |
| miR-143 | 0.2491 | let-7b | 0.5267 |
| let-7d | 0.2491 | miR-148b | 0.5547 |
| miR-20b | 0.2492 | miR-378 | 0.9571 |
| miR-20a | 0.2493 | miR-21 | 0.9677 |
| miR-18a | 0.2494 | miR-140-3p | 0.971 |
| miR-422a | 0.2495 | miR-550 | 0.9744 |
| miR-339-5p | 0.2498 | miR-378 | 0.9762 |
| miR-501 | 0.2506 | miR-30a-5p | 0.9793 |
| miR-29c | 0.2507 | miR-222 | 0.9912 |
| miR-324-5p | 0.2513 | miR-573 | 0.9912 |
| miR-34a | 0.2518 | miR-362-3p | 0.9945 |
| miR-142-3p | 0.2524 | miR-574-3p | 1.0001 |
| miR-223 | 0.2542 | miR-454 | 1.0036 |
| miR-330 | 0.255 | miR-374 | 1.0045 |
| miR-107 | 0.2557 | miR-30d | 1.0067 |
| miR-301 | 0.2564 | miR-29a | 1.0122 |
| miR-18b | 0.2565 | miR-484 | 1.0236 |
| miR-23a | 0.4768 | miR-365 | 1.0287 |
| miR-30e-3p | 0.479 | miR-320B | 1.9311 |
| miR-550 | 0.4829 | miR-213 | 1.9399 |
| miR-340 | 0.4847 | miR-99b | 1.9721 |
| miR-339-3p | 0.4874 | miR-361 | 1.9764 |
| miR-186 | 0.4884 | miR-221 | 2.209 |
| miR-24 | 0.4894 | miR-125a-5p | 3.9648 |
| miR-200c | 0.4896 | miR-132 | 3.9688 |
| miR-126 | 0.4909 | miR-155 | 4.0159 |
| miR-28-3p | 0.4925 | miR-146a | 8.0959 |
| miR-181a | 0.4931 | miR-146b | 16.916 |