|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **mirRNAs** | **Ad/**  **Inv** | **Prolif** | **Apopt** | **Angio** | **Inf** | **EMR** | **Met / Mig** | **Immune Resp / escT** | **Neuro f** | **LTP** | **Ster / Horm** | **Therap sens** | **Other** |
| miR-1266-5p | X | X | X | - | - | - | X | - | - | - | X |  |  |
| miR-548b-3p | - | X | X | - | - | - | X | - | - | - |  |  | - |
| miR-6509-5p | X | X | - | - | - | - | X | - | - | - |  |  | - |
| miR-7107-5p | - | - | - | - | - | - | - | - | - | - |  |  |  |
| miR-151a-3p | X | X | - | X | - | - | X | X | - | - |  |  | Postmenopausal osteoporosis |
| miR-421 | - | X | X | - | X | - | - | - | X | X |  | X | Regulating human melanocyte survival |
| miR-27b-5p | - | X | X | - | - | - | X | - | - | - |  |  | - |
| miR-1910-3p | - | X | - | - | - | - | X | - | - | - |  |  | Autophagy / Involved in endometrial receptivity in PCOS women |
| miR-542-5p | X | X | X |  |  | X | X |  |  | X |  |  | Inhibits Hyperglycemia and Hyperlipoidemia, inhibit mitochondrial and cytoplasmic protein synthesis, Suppresses EMT of trophoblast, Autophagy |
| miR-548f-5p | - | - | - | - | - | - | - | - | - | - |  |  | Smooth muscle alpha actin expression |
| miR-1250-5p | - | X | - | - | - | - | X | - | - | - |  |  | - |
| miR-1972 | X | X | X | X |  |  | X | X |  |  |  | X |  |
| miR-548ay-3p | - | - | - | - | - | - | - | - | - | - |  |  |  |
| miR-6785-5p | X | X | X | X |  |  | X |  |  |  |  | X |  |
| miR-6777-5p |  |  |  |  |  |  |  |  |  |  |  |  |  |
| miR-4514 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| miR-548q | - | - | - | - | - | - | - | - | - | - |  |  |  |
| miR-1292-5p | X | X | - | - | - | - | X | - | - | - |  |  | - |
| miR-144-5p | X | X | X | X |  |  | X | X |  |  |  | X |  |
| miR-362-5p | X | X | X | - | - | - | X | X | - | - |  | X | Proliferation and inhibits apoptosis of trophoblast cells |
| miR-1285-3p | X | X | X | - | - | - | - | - | - | - |  |  |  |
| miR-4999-5p | - | - | - | - | - | - | - | - | - | - |  |  | Reprograms glucose metabolism |
| miR-6501-5p  [71] |  |  |  |  |  |  |  |  |  |  |  |  |  |
| miR-1270 | X | X | X |  |  |  | X | X |  |  |  | X |  |
| miR-433-3p | X | X | - | - | - | - | X | - | - | - |  | X | Bone formation regulator |
| miR-548ah-3p |  |  |  |  |  |  |  |  |  |  |  |  |  |
| miR-1278 | X | X |  |  | X |  | X |  |  |  |  | X | Autophagy, Vitamin D |

Ad/Inv: Adhesion / Invasion , Prolif : Proliferation ; Apopt: Apoptosis ; Angio: Angiogenesis ; Inf: Inflammation ; EMR : Extracellular Matrix Remodeling ; Met / Mig : Metastasis and Migration ; Immune Resp / esc : Immune Response or escape ; Neuro f : Neurogenic function ; LTP: