|  |  |  |
| --- | --- | --- |
| **mirRNAs** | **Benign disorders** | **Malignant**  **disorders** |
| miR-4999-5p | - | Colorectal cancer |
| miR-6501-5p | Differentially expressed in COVID 19 patients |  |
| miR-1270 |  | Bladder cancer, Thyroid cancer, Osteosarcoma, ovarian cancer |
| miR-433-3p |  | Oral squamous cell carcinoma, Esophageal squamous cell carcinoma, glioma, gastric cancer |
| miR-548ah-3p | Urinary miRNA associated with diabetic nephropathy |  |
| miR-1278 |  | Papillary cancer, lung cancer, ovarian cancer |
| miR-1292-5p |  | Gastric cancer |
| miR-144-5p | Renal injury, retinal degeneration, sickle cell disease, depressive disorders, premature ovarian failure | Lung cancer, glioblastoma, Bladder cancer |
| miR-362-5p |  | Oral squamous cell carcinoma, lung cancer, breast cancer, hepatocellular carcinoma, bladder cancer, leukemia, neuroblastoma |
| miR-1285-3p | Atrial fibrillation, Nicotine initiation and addiction | Hepatocellular carcinoma, osteosarcoma, colorectal cancer |
| miR-548q | Biomarker of response to weight loss |  |
| miR-151a-3p | Arthritis, Neurodegenerative disorders, ischemic stroke, keratoconus,azthenozoospermy, | Nasopharyngeal carcinoma, cervical cancer, renal cancer |
| miR-421 | Epilepsy, Vitiligo, spinal cord injury | Nasopharyngeal carcinoma, NSCLC, breast cancer, gastric cancer, neuroendocrine prostate cancer, cervical cancer |
| miR-27b-5p |  | Gastric cancer, ovarian cancer |
| miR-1910-3p | Psoriasis, endometrial receptivity | Colorectal cancer, breast cancer |
| miR-542-5p | Diabetic retinopathy, myocardial injury | Osteosarcoma, breast cancer, gastric cancer, colorectal cancer |
| miR-548f-5p |  |  |
| miR-1250-5p |  | Non-Hodgkin's lymphoma |
| miR-1972 | Early onset preeclampsia, atrial fibrillation, hepatic steatosis, urinary level to predict diabetic nephropathy | Osteosarcoma, laryngeal squamous cell carcinoma, |
| miR-548ay-3p | Circadian rhythm |  |
| miR-6785-5p |  | Lung carcinoma, Gastric carcinoma |
| miR-6777-5p |  | Lung cancer |
| miR-4514 | Associated with intracerebral hemorrhage |  |
| miR-4658 | Sensitive to intracerebral hemorrhage |  |
| miR-1266-5p | Skin diseases, | Acute lymphoblastic leukemia, breast cancer, hepatocellular carcinoma, prostate cancer |
| miR-548b-3p |  | Breast cancer, lung cancer |
| miR-6509-5p |  | Hepatocellular carcinoma |
| miR-7107-5p | Obesity, Febrile seizures |  |