

Dharmacon™ SMARTvector™ Lentiviral shRNA and shMIMIC Lentiviral microRNA recommended reading list

The following peer-reviewed publications have cited their successful use of Dharmacon™ SMARTvector™ Lentiviral shRNA or Dharmacon™ shMIMIC Lentiviral microRNA in a variety of experimental systems.

1. G. Adhikary *et al.*, Survival of skin cancer stem cells requires the Ezh2 polycomb group protein. *Carcinogenesis*. **36**, 800–810 (2015). doi: 10.1093/carcin/bgv064
2. S. Attoub, K. Arafat, N. K. Hammadi, J. Mester, A.-M. Gaben, Akt2 knock-down reveals its contribution to human lung cancer cell proliferation, growth, motility, invasion and endothelial cell tube formation. *Scientific Reports*. **5**, 12759 (2015). doi: 10.1038/srep12759
3. Y. Chen, X. Wang, X. Shao, A Combination of Human Embryonic Stem Cell-Derived Pancreatic Endoderm Transplant with LDHA-Repressing miRNA Can Attenuate High-Fat Diet Induced Type II Diabetes in Mice. *Journal of Diabetes Research*. 2015, e796912 (2015). doi: 10.1155/2015/796912
4. S.-Y. Choi *et al.*, Post-transcriptional regulation of SHANK3 expression by microRNAs related to multiple neuropsychiatric disorders. *Molecular Brain*. **8**, 74 (2015). doi: 10.1186/s13041-015-0165-3
5. D. R. Cochrane, E. N. Howe, N. S. Spoelstra, J. K. Richer, Loss of miR-200c: A Marker of Aggressiveness and Chemoresistance in Female Reproductive Cancers. *Journal of Oncology*. 2010, e821717 (2009). doi: 10.1155/2010/821717
6. J. R. Czocho, P. Sulkowski, P. M. Glazer, miR-155 Overexpression Promotes Genomic Instability by Reducing High-fidelity Polymerase Delta Expression and Activating Error-Prone DSB Repair. *Mol. Cancer Res*. **14**, 363–373 (2016). doi: 10.1158/1541-7786.MCR-15-0399
7. K. H. Jung *et al.*, MicroRNA Regulates Hepatocytic Differentiation of Progenitor Cells by Targeting YAP1. *Stem Cells*. **34**, 1284–1296 (2016). doi: 10.1002/stem.2283
8. D. Liang *et al.*, Embryonic stem cell-derived pancreatic endoderm transplant with MCT1-suppressing miR-495 attenuates type II diabetes in mice. *Endocrine Journal*. **62**, 907–920 (2015). doi: 10.1507/endocrj.EJ15-0186
9. Y. Mi *et al.*, miR-410 enhanced hESC-derived pancreatic endoderm transplant to alleviate gestational diabetes mellitus. *J. Mol. Endocrinol*. **55**, 219–229 (2015). doi: 10.1530/JME-15-0100
10. F. Wang, H. Jiang, S. Wang, B. Chen, Dual Functional MicroRNA-186-5p Targets both FGF2 and RelA to Suppress Tumorigenesis of Glioblastoma Multiforme. *Cell. Mol. Neurobiol.* (2017). doi: 10.1007/s10571-017-0474-4
11. K. Weiner-Gorzal *et al.*, Overexpression of the microRNA miR-433 promotes resistance to paclitaxel through the induction of cellular senescence in ovarian cancer cells. *Cancer Med*. **4**, 745–758 (2015). doi: 10.1002/cam4.409

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