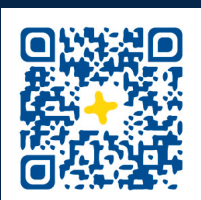


Superior gene expression in various cell types with jetOPTIMUS® and jetMESSENGER®

		Cell type	Cell line
jetOPTIMUS® - DNA transfection	jetMESSENGER® - mRNA transfection	Endothelial/ Endothelial-like	Porcine iliac endothelial cells, Human microvascular endothelial cells, HMVEC, Mouse glomerular endothelial cells, HBMEC, bEnd.3, Porcine aortic endothelial cells, CMVEC.
		Epithelial cells	Human primary airway epithelial cells, Human corneal epithelial cells, Mouse intestinal epithelial cells, Human primary epithelial cell, Caco-2, MCF 10A, MCF-7, MDA-MB-231, CHO, OVCAR-3, 4T1, ID8, MC-38, MDCK-II, MDCK, hTERT RPE-1, BHK-21, NCI-H520, HFE145, BEAS-2B, IMCD-3, 4T1, MLE 12, RWPE-1, BEAS-2B, HT-29, HCT-8, A549, CaSki, VERO, RPE-1, HeLa.
		Fibroblast/ Fibroblast-like	Human foreskin fibroblasts, Human lung embryonic fibroblasts, NIH-3T3, COS-1, COS-, MEF, MRC-5a, HEK-293.
		Hepatocyte/ Hepatocyte-like	Mouse primary hepatocytes, Primary hepatocytes, Human primary hepatic stellate cells, BNL CL.2, Huh7, SAMe-D, Hepatic Progenitor cells, Hep G2.
		Keratinocytes	Human keratinocyte cell line, Mouse skin primary keratinocytes, HaCaT, Human foreskin keratinocytes.
		Pancreas	Panc02, PANC-1a, M-PAC, MIA PaCa-2.
		Melanoma	Human primary melanoma cells, BLM, MNT-1, A375, Melan-A, Normal human epidermal melanocytes (NHEM), SK-MEL-28, WM-115, A2058, WI 26, B16-F1, B16-F10, WM3314, WM3526, WM3682, MDA-MB-231, MDA-MB-435, SK-MEL-2, SK-MEL-5, A375, Lu1205.
		Muscle	Rat aorta smooth muscle cells, Human differentiated myotubes, Vascular smooth muscles cells, Mouse primary osteoblasts, C2C12, Human primary myoblasts, Rat primary vascular smooth muscle cells, Mouse primary aortic outgrowth smooth muscle cells, Mouse primary VSMCs, A-10, A7r5, Human umbilical artery smooth muscle cells.
		Stem cells	Human Mesenchymal Stem Cells (hMSC), Mouse Embryonic Stem Cells (mES), Induced Pluripotent Stem Cells (iPSC), Stromal cells.
		Neurons, Glial cells	Rat Cortical Neurons (RNC), Rat Hippocampal Neurons (RHN), Normal Human Astrocytes (RHA), DopaNeurons, Striatum neurons, Dorsal Root Ganglion, IMR-32, U-373 MG, SH-SY55, Neuro-2a.
		Insect cells	Sf9, S2.
		Myeloid cells	Mouse dendritic cells, Monocyte derived dendritic cells, Normal Human Dendritic Cells (NHDC), Primary monocytes, Neutrophils, Mouse peritoneal macrophages, Bone marrow-derived macrophage, JAWS II, THP-1, RAW. 264.7, KG-1, K-562.
		Lymphocytes	Activated Primary T cells, Primary NK cells, Jurkat, MT-4, NK-92.
Stem cells	Hematopoietic progenitor cells (HPCs).		



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