



## COLORS

+ Viomer® BLUE | + Viomer® GREEN | + Viomer® RED | + Viomer® YELLOW

## TRANSFECTION EFFICIENCY

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Cell type	Origin	siRNA	mRNA	pDNA	Data	Publication
22Rv1	Human prostate carcinoma, epithelial cells	+++			SEE DATA	
A-172	Human glioblastoma cells	+++ +++				
A-375	Human melanoma, epithelial cells	+++ +++				
A549	Human lung adenocarcinoma, epithelial cells	+++	++++	+++	SEE DATA	PUBLICATION
AD-293	Human embryonic kidney, derivative from HEK-293 epithelial cells			++++		
Astrocytes	Murine primary astrocytes	++++		+	SEE DATA	
BEAS-2B	Human normal bronchial epithelium	+++		+++		
Blastocysts	Mouse embryos, primary cells	++				
BLM	Human melanoma cells (subline of BRO isolated from lung metastases after subcutaneous inoculation of nude mice with BRO cells)			++	SEE DATA	
BLM-F5	CRISPR clone from BLM			++		
BT474	Human breast ductal carcinoma (spheroids)	++++				PUBLICATION
BV-2	Mouse microglia-like cells	++++	+++	+	SEE DATA	2 PUBLICATIONS
C17.2	Mouse multipotent neural progenitor or stem-like cells	++++				
C2C12	Murine myoblasts	++++	++++	+++	SEE DATA	PUBLICATION

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Cell type	Origin	siRNA	mRNA	pDNA	Data	Publication
C3H/10T1/2	Murine embryonic fibroblastic cells (pre-adipocytes)	+++			SEE DATA	
C6	Rat glioma, glial cells			++++	SEE DATA	PUBLICATION
CB committed basal cells	Human primary patient-derived prostate epithelial cells	+++				PUBLICATION
CD34+	Haematopoietic cells, primary human	++++				PUBLICATION
CA20948	Rat pancreatic tumor cells	+++				
Ca9-22	Human oral squamous cell carcinoma cells			++++ +++	SEE DATA	
Caco-2	Human colon carcinoma, epithelial cells	++++			SEE DATA	
Cal-27	Human tongue squamous cell carcinoma, epithelial cells			++ +	SEE DATA	
Cancer stem cells	(3D-mammospheres)	+++			SEE DATA	
Cardiomyocytes	Primary murine neonatal cardiomyocytes		+++	+++	SEE DATA	PUBLICATION
CC531	Rat colon adenocarcinoma cells	+++				
CHO	Chinese hamster ovary, epithelial cells	++++	++++	++++ ++++		PUBLICATIONS
CHO DG44	Mutant (dihydrofolate reductase-deficient) CHO cells			+		

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Cell type	Origin	siRNA	mRNA	pDNA	Data	Publication
CHO-K1	Chinese hamster ovary, epithelial cells	++++				
Chondrocytes	Human primary cells			++		
Colon carcinoma cells	Human primary cells	+++ ++			SEE DATA	
COS-7	African green monkey kidney cells, fibroblasts			++++ +++	SEE DATA	
CSSC	Human corneal stromal stem cells (keratocyte progenitors)	++++				PUBLICATION
CT26	Mouse colon carcinoma	++++ ++++			SEE DATA	
Dendritic cells	Human + mouse primary cells, monocyte-derived	++++ +++	++++	+	SEE DATA	3 PUBLICATIONS
Dental follicle stem cells	Human multipotent ectomesenchymal stem cells (wisdom teeth's follicle)	+++			SEE DATA	
Disaggregated xenograft	Human primary tumor cells	++++			SEE DATA	
DI TNC 1	Rat brain astrocytes			++++	SEE DATA	
DU145	Human prostate carcinoma, derived from metastatic site of brain			++++		

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Cell type	Origin	siRNA	mRNA	pDNA	Data	Publication
Dorsal Root Ganglion cells	Human primary cells			++++		PUBLICATION
F11	Fusion between mouse embryonic neuroblastoma N18TG2 and rat dorsal root ganglion (DRG) neurons, somatic cells			+ +		
FAO	Rat hepatoma, hepatocytes			++++	SEE DATA	
Fibroblasts	Human primary + murine cells	+++ +++		++++ ++	SEE DATA	3 PUBLICATIONS
GB3	Grouper (fish: <i>Epinephelus awoara</i> ) brain cells, fibroblast-like and epitheloid cells			+++	SEE DATA	
GH3	Rat pituitary tumor	++++			SEE DATA	
H1819	Lung; derived from metastatic site: lymph node	+++				PUBLICATION
H1975	Human lung adenocarcinoma cells			++	SEE DATA	
H23	Human non-small cell lung adenocarcinoma, epithelial cells	++++				
H295R	Human adrenocortical carcinoma, epithelial cells	+++ ++++			SEE DATA	
H322	Human non-small cell lung carcinoma, epithelial cells		++++	+++		

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Cell type	Origin	siRNA	mRNA	pDNA	Data	Publication
H358	Human non-small cell lung carcinoma, epithelial cells		++++	++++		
H441	Human lung papillary adenocarcinoma, epithelial cells			+ +		
H9c2	Rat cardiomyocytes	+++		+++ +++	SEE DATA	
HaCaT	Human keratinocytes	+++		+++ +++	SEE DATA	
HAP-1	Human fibroblast-like cells			+++		
HCC827	Human lung adenocarcinoma cells			++	SEE DATA	
HCC	Human hepatocellular carcinoma cells	++++				
hCMEC/D3	Human cerebral microvascular endothelial cells			+		
HCT116	Human colon carcinoma, epithelial cells	++ ++		++++	SEE DATA	
HDLEC (C-12217 from PromoCell)	Human primary dermal lymphatic endothelial cells			++++		PUBLICATION
HEK-293 T	Human embryonic kidney fibroblasts	++++	++++	++++		4 PUBLICATIONS
HeLa	Human cervix epitheloid carcinoma cells	++++	++++	++++ ++	SEE DATA	2 PUBLICATIONS

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Cell type	Origin	siRNA	mRNA	pDNA	Data	Publication
Hep G2	Human hepatocarcinoma, epithelial cells	++++	++++	+++		PUBLICATION
Hepatocytes	Mouse primary cells	++++		+++	SEE DATA	PUBLICATION
HepaRG™	Human hepatic cell progenitors			++++	SEE DATA	
HL-1	Mouse cardiomyocytes			++++	SEE DATA	
HMVEC	Human microvascular endothelial cells			+ +		
HME-1 (also hTERT-HME-1)	Human breast epithelial-like cells			+++	SEE DATA	
Hs 746T	Human gastric carcinoma, epithelial-fibroblast cells	++++ ++++			SEE DATA	
HT	Human B-Lymphoblasts	++++				PUBLICATION
HT-29	Human colon adenocarcinoma, epithelial cells	+++				
hTERT-HME-1	Human breast epithelial-like cells			+++	SEE DATA	
hTERT-RPE1	Human immortalized retinal pigment epithelial cells			+++ +++		
Huh-7	Human hepatocarcinoma, epithelial cells	+++		+++		

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Cell type	Origin	siRNA	mRNA	pDNA	Data	Publication
Huh-7.5	Human hepatocarcinoma, epithelial cells			+++		
HUVEC	Human umbilical vein endothelial cells	+++	++++	++++	SEE DATA	PUBLICATION
INS-1	Rat pancreatic cells			+++ +		
iPS	Induced pluripotent stem cells			++		
J774	Mouse macrophages	++++ ++++	+++	+	SEE DATA	
JIMT-1	Human breast carcinoma, epithelial cells	++++				PUBLICATION
Kasumi-1	Human myeloblastic leukaemia, myeloblasts	++++			SEE DATA	
Keratinocytes	Human + mouse primary cells			+++	SEE DATA	4 PUBLICATIONS
KG-1a	Human acute myelogenous leukemia, myeloblasts	++++			SEE DATA	
Kidney cell line	self established			++++		
L-1236	Human Hodgkin lymphoma cells	+++			SEE DATA	
L3.6pl	Human pancreatic adenosquamous carcinoma			++++		PUBLICATION
L-428	Human Hodgkin lymphoma cells	+++			SEE DATA	
L929	Mouse fibroblast	++++ ++++			SEE DATA	



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Cell type	Origin	siRNA	mRNA	pDNA	Data	Publication
LLC-PK1	Porcine proximal tubular kidney, epithelial cells	++++			SEE DATA	
LN-18	Human brain/cerebrum glioma, epithelial cells	++++				PUBLICATION
LN-229	Human glioblastoma cells	+++ +++			SEE DATA	PUBLICATION
LN-308	Human glioblastoma cells	+++				PUBLICATION
LNCaP	Human prostate carcinoma, epithelial cells	++++				PUBLICATION
LS 174T	Human colorectal adenocarcinoma	++ +			SEE DATA	
Macrophages	Human and mouse primary cells	++++ +++	+++	++	SEE DATA	9 PUBLICATIONS
MCF 10A	Human breast adenocarcinoma, epithelial cells	+++ ++++		+++ ++	SEE DATA	PUBLICATION
MCF-7	Human breast adenocarcinoma, epithelial cells	+++		+++	SEE DATA	
Mammosphere	Mouse epithelial cells, cancer stem cells (3-D Mammospheres)	+++			SEE DATA	
MDA-MB-231	Human breast adenocarcinoma, epithelial cells	++++		+ +		PUBLICATION
MDA-MB-468	Human breast adenocarcinoma, epithelial cells	++++				

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Cell type	Origin	siRNA	mRNA	pDNA	Data	Publication
MDCK	Canine kidney epithelial cells	++++ ++++	+++	+++	SEE DATA	
MDOK	Ovine kidney epithelial cells			++		
MDSC	Myeloid derived suppressor cells		+++	++	SEE DATA	
MEF	Murine embryonic fibroblasts			+++ ++	SEE DATA	PUBLICATION
MEL	Mouse erythroid progenitor cells			+	SEE DATA	
Melanoma cells	Human melanoma (self-established cell line)	++++			SEE DATA	
Microglia	Murine primary cells	++++			SEE DATA	2 PUBLICATIONS
MIN6	Mouse insulinoma cells (pancreas, beta cells), epithelial cells	+++		+++	SEE DATA	
MLS 420	human myxoid liposarcoma cells			++++ ++++	SEE DATA	
Monocytes	Human primary cells	++++ ++++	++++		SEE DATA	6 PUBLICATIONS
MRC-5	Human lung fibroblast cells	+++				
MSC	Human primary mesenchymal stem cells	++++		+++ +	SEE DATA	PUBLICATION

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Cell type	Origin	siRNA	mRNA	pDNA	Data	Publication
MSTO-211H	Human lung mesothelioma cells (fibroblasts)	+ + +				
MTT	Medullary thyroid tumor, primary	+ + + +			SEE DATA	
MV4-11	Human acute monocytic leukemia	+ + +			SEE DATA	
Myoblasts	Human primary skeletal myotubes	+ + + +		+ + + +	SEE DATA	2 PUBLICATIONS
Myoblasts	Chicken embryo primary cells			+ + +	SEE DATA	
N9	Mouse brain microglial cells (macrophage-like)	+ + + +			SEE DATA	
NCH 149	Human glioblastoma cells	+ + + + + + + +			SEE DATA	
NCH 82	Human glioblastoma cells	+ + + + + + + +			SEE DATA	
NCI-H295	Human adrenocortical carcinoma, epithelial cells	+ + + + + + +			SEE DATA	
Neuro-2A	Mouse brain neuroblastoma cells	+ + +	+ + + + + + + +	+ + + + + + + +	SEE DATA	
Neurons	Murine primary cells		+ +	+	SEE DATA	

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NIH-3T3	Murine embryonic fibroblasts	+++		+++	SEE DATA	
NIH/3T3-L1		++++			SEE DATA	
NMuMG cells	Mouse mammary gland cells	++++				PUBLICATION
Ntera-2	Human pluripotent embryonic testicular carcinoma, epithelial cells			+++	SEE DATA	
Oligodendrocytes	Rat primary cells			++	SEE DATA	
P4E6	Human prostate cancer, epithelial cells	++++			SEE DATA	
PBMC	Human peripheral blood mononuclear cells	++++			SEE DATA	
Pheochromocytoma	Mouse primary cells	+++ ++++			SEE DATA	
Platinum T293	Retroviral Packaging Cells for iPS Cell Generation (based on T293 cell line)			+		
Pre-adipocytes	Human differentiated mesenchymal stem cells	+++		+ +		
Ramos B	Human B lymphocytes	++				PUBLICATION
RAW 264.7	Mouse monocytes/macrophages (myeloblasts)	+++	+++	+++	SEE DATA	3 PUBLICATIONS
RMS	Human rhabdomyosarcoma (myoblasts)	++++			SEE DATA	
S2	<i>Drosophila melanogaster</i> Schneider cells			++		

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SAS	Human tongue squamous cell carcinoma			+++ ++	SEE DATA	
Schwann cells	Murine primary cells	++		+	SEE DATA	
SGBS pre-adipocytes	Human cells	+++				PUBLICATION
SH-SY5Y	Human neuroblastoma	++++	+++	+++	SEE DATA	PUBLICATION
skHep-1	Human liver adenocarcinoma (endothelial cells)			++ +	SEE DATA	
SKOV-3	Human ovary adenocarcinoma, epithelial cells	++++				PUBLICATION
smooth muscle cells	aortic, primary human	+++	++++	+		
smooth muscle cells	bladder, primary human	+++ +++				
SUM159	Human breast cancer cells			+++		
T98G	Human Glioblastoma cells	+++				PUBLICATION
TEU-2	Human ureter, immortalized cell line	+++				
THP-1	Human acute monocytic leukaemia cells (lymphoblasts)	+++ ++++	+++	++ +	SEE DATA	3 PUBLICATIONS

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Cell type	Origin	siRNA	mRNA	pDNA	Data	Publication
TIG-1	Human diploid fibroblast-like cells			+++		PUBLICATION
Tu-132	Human glioblastoma cells	+++				PUBLICATION
Tu-140	Human glioblastoma cells	+++				
U-2 OS	Human bone osteosarcoma, epithelial cells	++++ ++++		++++	SEE DATA	3 PUBLICATIONS
U-251 MG	Human glioblastoma cells	++++ ++++			SEE DATA	
U-87 MG	Human glioblastoma cells	+++		++	SEE DATA	
U-937	Human leukemic monocyte lymphoma cell line (macrophages)	+++		+		PUBLICATION
UHO-1	Human Hodgkin lymphoma cells	+++			SEE DATA	
UG26-1B6	Murine urogenital ridge-derived cells (stroma cells)			+		
UM-SCP-1	Human squamous cell carcinoma of the prostate			+++		
VK2/E6E7	Human vagina epithelial cells	+++				PUBLICATION
WG4	glioma cells, primary human					PUBLICATION
WM266.4	Human skin melanoma, epithelial cells			++		