

Transfection into Primary (Hard-to-Transfect) Cells
 (To see photo results-data click on the cell name)

KEY: V: Viability, TE: Transfection Efficiency

Primary Cells	V	TE	Primary Cells	V	TE
HUVEC Human Umbilical Vein Endothelial Cells	95%	75%	HUVEC Human Umbilical Vein Endothelial Cells	100%	92%
HASM Human Airway Smooth Muscle Cells	90%	80%	Human Coronary-derived Smooth Muscle Cells	82%	67%
Human Endometrial Stromal Cells	95%	90%	Human Uterine Cervical Fibroblasts	65%	90%
Human Dermal Fibroblasts (HDF)	95%	89%	Human Dermal Fibroblasts (HDF)	100%	80%
Human Keratinocytes	70%	65%	Human Malignant Mesothelioma Cells	75%	55%
Human Meniscal Cells	85%	55%	Human Colorectal Cells	53%	80%
Human T Cells	58%	90%	Human T Cells	50%	76%
Human NK Cells	48%	86%	PBMC Peripheral Blood Mononuclear Cells	93%	66%
Human Erythroblasts (CD34+ Progenitor Cells)	61%	34%	Human Chronic Lymphocytic Leukaemia (CLL)	82%	70%
Human Chronic Lymphocytic Leukemia (CLL) (mRNA)	93%	94%	Human Chronic Lymphocytic Leukemia (CLL)	91%	83%
Human Chronic Lymphocytic Leukemia (CLL)	83%	93%	Human Osteoblast-like Cells derived from human skull	64%	74%
Mouse Cerebral Cortex Neurons (E14)	80%	70%	Mouse Hippocampal Neurons (E14)	80%	60%
Mouse Hippocampal Neurons (E17)	65%	70%	Mouse Neural Progenitor Cells	80%	60%
Mouse Basal Ganglia Primordium	91%	71%	Mouse Cerebellar Granule Neurons	91%	65%
Mouse DRG Neurons	83%	68%	Mouse DRG Neurons	70%	70%
MEF Mouse Embryonic Fibroblasts	90%	85%	MEF Mouse Embryonic Fibroblasts	75%	85%
Mouse Embryonic Skin Fibroblasts	80%	50%			
Mouse External Genital Fibroblasts (E15.5)	66%	59%	Mouse Cervical Epithelial Cells	82%	55%
Mouse Vascular Adventitial Fibroblasts	90%	50%	BMMC Mouse Bone Marrow-Derived Mast Cells	80%	83%
Mouse peritoneal macrophages	69%	41%	Mouse B cells (LPS stimulated)	81%	73%
Mouse B cells	50%	61%	Mouse B cells (Unstimulated)	84%	83%
Mouse T cells (siRNA)	88%	77%	Naive Mouse CD8+ T cells (Cas9 RNP)	50%	95%
Mouse Liver Cells	75%	65%	Mouse Osteoblast Cells	85%	60%
Mouse Muscle Cells	68%	54%			
Rat Cerebral Cortex Neurons (E16)	70%	75%	Rat Hippocampal Neurons	60%	80%
Rat Bulbar Neurons	80%	75%	Rat Cerebellar Neurons	70%	55%

at Cerebellar Granule Cells	70%	80%	Rat Schwann Cells	90%	80%
Rat Schwann Cells	90%	60%	OEC Rat Olfactory En-sheathing Cells	93%	46%
Rat Müller Cells	90%	50%	REF Rat Embryonic Fibroblasts	65%	65%
Rat Meningeal Fibroblasts	90%	95%	PASMC Rat Pulmonary Artery Smooth Muscle Cells	72%	70%
Chick Embryonic Fibroblasts	80%	90%	Chick Embryonic Cerebellar Granule Cells	86%	83%
Bone Cartilage Cells	96%	55%	Goat Embryonic Epithelial Fibroblasts	80%	55%
Rabbit Spleen cells (B cells)	70%	45%	Canine Adipose-Derived Stromal Cells (ADSCs)		65%

Transfection into Stem Cells: ES, iPS, other stem cells, organoids and more

(To see photo results-data click on the cell name)

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Stem Cells	V	TE	Stem Cells	V	TE
Human iPS Cells (201B7)	86%	70%	Human iPS Cells	94%	80%
Human iPS Cells			Human iPS Cells		
Human iPS Cells (201B7)	85%	94%	Human iPS Cells (201B7)		
Human iPS Cells	69%	80%	Human iPS Cells		73%
Human iPS Cells Derived Neural Cells	93%	54%	Human ES Cells		
Human ES cells (H9 p.51)	55%	55%	Human Mesenchymal Stem Cells	96.2%	96.7%
Human Mesenchymal Stem cells (Primary)	78%	75%	Human Mesenchymal Stem Cells	70%	80%
Human Neural Stem Cells	97%	95%	Human Neural Stem Cells	80%	83%
Human Deciduous Teeth Stem Cells (SHED)	90%	92%	Human Nucleated Cells Including Hematopoietic Stem Cells (Before cell isolation)	73%	90%
Mouse iPS Cells	70%	50%	Mouse ES Cells	80%	75%
Mouse ES Cells	80%	68%	Mouse ES Cells	74%	88%
Mouse ES cells (129 strain, R1/E)	80%	90%	Mouse ES Cells	70%	100%
Mouse ES Cells	80%	90%	Mouse iPS cell derived Neural Stem Cells		86%
Mouse Neural Stem Cells	90%	80%	Mouse Neural Stem cells (Primary)	80%	60%
Mouse Neurospheres	90%	75%	Mouse Neurospheres		
Mouse Trophoblast Stem Cells	59%	47%	C3H/10T1/2	70%	85%
			Mouse Mesenchymal Stem Cells		

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Mouse Mesenchymal Stem Cells	99%	89%	Mouse Hematopoietic Stem Cells (c-Kit positive cells)	66%	45%
Rat ES Cells	70%	76%	Rat ES Cells	60%	80%
Human Normal Fundic Gastric Organoids		68%	Mouse Fundic Gastric Organoids		65%
Mouse Colorectal Cancer Organoids	100%	50%			

Transfection into Cell Lines

(To see photo results-data click on the cell name)

KEY: V: Viability, TE: Transfection Efficiency

	Cell Line	V	TE		Cell Line	V	TE
Species: Human							
HeLa	Human Cervical Carcinoma Cells	87%	93%	HeLa-K	Human Cervical Carcinoma Cells	90%	90%
293	Human Embryonic Kidney Cells	92%	91%	293	Human Embryonic Kidney Cells	90%	70%
293	Human Embryonic Kidney Cells	72%	85%	293T	Human Embryonic Kidney Cells	90%	95%
293T	Human Embryonic Kidney Cells	83%	87%	293T	Human Embryonic Kidney Cells	70%	99%
TIG-3	Human Embryonic Lung Fibroblasts	90%	80%	TIG-7	Human Embryonic Lung Fibroblasts	89%	76%
MRC-5	Human Embryonic Lung Fibroblasts	85%	90%	WI-38	Human Embryonic Lung Fibroblasts	80%	70%
WI-38	WI-38 VA13 Human Lung Fibroblasts	93%	82%				
CCD18-Co	Human Colon Fibroblasts	99%	61%	HaCat	Human Keratinocyte Cells	96%	69%
HDF	Human Dermal Fibroblasts (106-05)	90%	90%	TIG-109	Human Skin Fibroblasts	70%	60%
HFE145	Human Non-Cancerous Gastric Epithelial Cells	80%	50%	BEAS-2B	Human Bronchial Epithelial Cells	75%	96%
BEAS-2B	Human Bronchial Epithelial Cells	90%	80%	KMST-6	Human Fibroblasts	70%	60%
SUSM-1	Human Fibroblasts	77%	71%	SW872	Human Liposarcoma Cells	95%	83%
HT1080	Human Fibrosarcoma Cells	93%	81%	HT1080	Human Fibrosarcoma Cells	80%	90%
MG-63	Human Osteosarcoma Cells	70%	80%	Saos-2	Human Osteosarcoma Cells	80%	70%
Saos-2	Human Osteosarcoma Cells	60%	75%	U2OS	Human Osteosarcoma Cells	70%	80%
SEKI	Human Malignant Melanoma Cells	80%	75%	PANC-1	Human Pancreatic Carcinoma Cells	78%	70%
PANC-1	Human Pancreatic Carcinoma Cells	55%	75%	MIA-PaCa-2	Human Pancreatic Carcinoma Cells	80%	77%
HepG2	Human Hepatoma Cells	88%	76%	HuH-7	Human Hepatoma Cells	90%	86%
HuH-7	Human Hepatoma Cells	82%	85%	HLF	Human Liver Cancer Cells	90%	85%
H69	Human Small-Cell Lung Cancer Cells	90%	85%				

TFK-1	Human Bile Duct Adenocarcinoma Cells	50%	70%	LC319	Human Lung Cancer Cells	95%	66%
NCI-H69	Human Small-Cell Lung Cancer Cells	97%	70%	H1299	Human Lung Cancer Cells	80%	80%
H1299	Human Lung Cancer Cells	90%	90%	HSC-2	Human Squamous Carcinoma Cells	93%	98%
KB31	Human Epidermoid Carcinoma Cells	58%	64%	Ca9-22	Human Squamous Carcinoma Cells	60%	60%
HSC-3	Human Squamous Carcinoma Cells	93%	98%	HEp-2	Human Laryngeal Carcinoma Cells	70%	90%
HGF	Human Gingival Fibroblasts			MCF-7	Human Breast Cancer Cells	95%	80%
MCF-7	Human Breast Cancer Cells	81%	65%	T47D	Human Breast Cancer Cells	90%	85%
MCF-7	Human Breast Cancer Cells	80%	70%	MDA-MB-231	Human Breast Cancer Cells	85%	90%
BT-20	Human Breast Cancer Cells	70%	80%	MCF 10A	Human Breast Cells		
MCF 10A	Human Breast Cells	90%	80%	A549	Human Lung Adenocarcinoma Cells	85%	90%
MCF 10A	Human Breast Cells	97%	69%	GC38	Human Gastric Cancer Cells	80%	80%
NUGC-3	Human Gastric Carcinoma Cells	65%	77%	NUGC-3	Human Gastric Carcinoma Cells	73%	68%
MKN-45	Human Gastric Cancer Cells	78%	73%		Human Patient-Derived Gastric Cancer Cells	44%	74%
LNCaP	Human Prostate Carcinoma	71%	90%	PC-3	Human Prostate Cancer Cells	90%	95%
DU145	Human prostate Cancer Cells	94%	60%	PNT2	Human Prostate Epithelial Cells	85%	80%
PC-3	Human prostate Cancer Cells	86%	55%	HCT116	Human Colon Cancer Cells	80%	95%
LoVo	Human Colon Adenocarcinoma Cells	85%	60%	HCT116	Human Colon Cancer Cells	95%	90%
HCT116	Human Colon Cancer Cells	80%	80%	Caco-2	Human Colon Cancer Cells	85%	80%
Caco-2	Human Colon Cancer Cells	95%	80%	OVCAR-3	Human Ovarian Carcinoma Cells	90%	79%
SW620	Human Colon Cancer Cells	80%	80%	RMG-1	Human Ovarian Clear Cell Adenocarcinoma	97%	67%
SKOV-3	Human Ovarian Carcinoma Cells	90%	90%	SH-SY5Y	Human Neuroblastoma Cells	60%	90%
SK-N-SH	Human Neuroblastoma Cells	95%	95%	SH-SY5Y	Human Neuroblastoma Cells	79%	60%
SH-SY5Y	Human Neuroblastoma Cells	70%	70%	NB69	Human Neuroblastoma Cells	95%	80%
NB9	Human Neuroblastoma Cells	70%	70%	KG-1-C	Human Oligodendroglial Cells	85%	60%
NB-39-nu	Human Neuroblastoma Cells	60%	63%	NP3	Human Glioblastoma Cells	98%	62%
A172	Human Glioblastoma Cells	85%	70%	1321N1	Human Astrocytoma Cells	80%	80%
U87 MG	Human Glioblastoma/Astrocytoma Cells	70%	55%		Immortalized Human Pericytes	83%	50%
U-251	Human Glioblastoma Cells	90%	60%		Human Dental Pulp Cells	85%	69%
iHAM-4	Human Amniotic Mesenchymal Cells	59%	95%	HTR-8/Svneo	Human Trophoblast Cells	95%	67%
	Human Dental Pulp Cells	90%	85%		Human Dental Pulp Cells	85%	69%

HK-2	Human Renal Proximal Tubule Epithelial Cells	50%	90%	RPTEC	Human Renal Proximal Tubule Epithelial Cells	70%	85%
SRA 01/04	Human Lens Epithelial Cells	97%	80%	ARPE-19	Retinal Pigment Epithelium Cells	96%	69%
RPE	Retinal Pigment Epithelium Cells	90%	70%	RPE-1	Retinal Pigment Epithelium Cells	95%	80%
Jurkat	Human T-cell Leukemia Cells	73%	94%	Jurkat	Human T-cell Leukemia Cells	89%	85%
Jurkat	Human T-cell Leukemia Cells	85%	85%	Jurkat	Human T-cell Leukemia Cells	99%	92%
ED40515	Human T-cell Leukemia Cells	82%	84%	Hut78	Human T-cell Lymphoma Cells	51%	74%
SNT16	Human T-cell Lymphoma Cells	85%	84%	Jeko-1	Human Mantle Cell Lymphoma (MCL) Cells	82%	71%
Jeko-1	Human Mantle Cell Lymphoma (MCL) Cells	80%	63%	MV4-11	Human Acute Myeloid Leukemia Cells	70%	60%
MOLT-4	Human Acute Lymphoblastic Leukemia Cells	95%	70%	MEC1	Human Chronic Lymphocytic Leukemia Cells	>90%	>90%
697	Human Pre-B Acute Lymphoblastic Leukemia Cells	68%	93%	Nalm-6	Human B-cell Precursor Leukemia Cells	97%	76%
Nalm-6	Human B-cell Precursor Leukemia Cells	77%	82%	KG-1	Human Acute Myeloid Leukemia Cells	70%	65%
KG-1	Human Acute Myeloid Leukemia Cells	60%	65%	PL-21	Human Acute Myeloid Leukemia Cells	51%	73%
MOLM-16	Human Acute Myeloid Leukemia Cells	74%	68%	USCD/AML1	Human Leukemia Cells	50%	50%
Kasumi-1	Human Acute Myeloid Leukemia Cells	66%	79%	KOPT-K1	Human T cell Acute Lymphoblastic Leukemia (T-ALL) Cells	80%	60%
M7	Human Acute Non Lymphocytic Leukemia	85%	80%	GM12878	Human B-Lymphoblastoid Cells	93%	83%
Loucy	Human T cell Acute Lymphoblastic Leukemia (T-ALL) Cells	73%	50%		Human EBV-immortalized B Cells	58%	53%
T2	Human T and B lymphoblast Cells	97%	97%	Raji	Human Burkitt's Lymphoma Cells	97%	83%
Namalwa	Human Burkitt's Lymphoma Cells	70%	75%	Raji	Human Burkitt's Lymphoma Cells	85%	79%
Raji	Human Burkitt's Lymphoma Cells	95%	96%	SU-DHL-4	Human Burkitt's Lymphoma Cells	79%	68%
Toledo	Human Burkitt's Lymphoma Cells	97%	83%				
SU-DHL-10	Human B Cell Lymphoma Cells	78%	68%	K562	Human Chronic Myelogenous Leukemia Cells	91%	99%
eHAP1	Human Haploid Cells	72%	65%	K562	Human Chronic Myelogenous Leukemia Cells	>90%	>94%
K562	Human Chronic Myelogenous Leukemia Cells	>90%	>90%	HL-60	Human Promyelocytic Leukemia Cells	80%	80%

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HL-60	Human Promyelocytic Leukemia Cells	81%	82%	Mutu I	Human Burkitt Lymphoma Cells	87%	91%
PLB-985	Human Myeloid Leukemia Cells	94%	92%	Ramos	Human Burkitt Lymphoma Cells	92%	57%
Mutu III	Human Burkitt Lymphoma Cells	54%	92%	Ramos-Blue	Human Burkitt Lymphoma Cells	80%	55%
Ramos	Human Burkitt Lymphoma Cells	83%	57%	BJAB	Human EBV-negative Burkitt Lymphoma Cells	96%	96%
Z-138	Human Mantle Cell Lymphoma Cells	93%	86%	TK6	Human B-Lymphoblast Cells	84%	79%
SKM-1	Human MDS-derived Leukaemia Cells	88%	83%	THP-1	Human Acute Monocytic Leukemia Cells	56%	64%
THP-1	Human Acute Monocytic Leukemia Cells	76%	63%	THP-1	Human Acute Monocytic Leukemia Cells	67%	85%
THP-1	Human Acute Monocytic Leukemia Cells	85%	67%	NK-92MI	Human Natural Killer (NK) Cells	83%	95%
HMC1.2	Human Mast Leukemia Cells	77%	89%	MTA	Human Natural Killer-Like Leukemia Cells	65%	61%
KHYG-1	Human Natural Killer (NK) Leukemia Cells	51%	71%				

Species: Mouse

NIH/3T3	Mouse Embryonic Fibroblasts	100%	90%	NIH/3T3	Mouse Embryonic Fibroblasts	74%	81%
PT67	Mouse Fibroblasts (RetroPack PT67 cell line)	91%	66%	3T3-L1	Mouse Embryonic Fibroblasts (preadipocytes)	90%	90%
MEF	Mouse Embryonic Fibroblasts	90%	90%	MEF	Mouse Embryonic Fibroblasts	80%	90%
STO	Mouse Embryonic Fibroblasts	60%	51%	N7	Mouse Embryonic Hypothalamic cells (immortalized)	75%	100%
P19C6	Mouse Embryonic Carcinoma Cells	90%	50%	F9	Mouse Testis Teratocarcinoma Cells	85%	95%
HL-1	Mouse Cardiac Muscle Cells	70%	70%		L Mouse Fibroblasts	90%	65%
B16	Mouse Melanoma Cells	86%	76%	B16	Mouse Melanoma Cells	77%	83%
B16	Mouse Melanoma Cells	70%	50%	MC3T3-E1	Mouse Osteoblastic Cells	85%	75%
C2C12	Mouse Myoblast Cells	94%	90%	C2C12	Mouse Myoblast Cells	90%	90%
C2C12	Mouse Myoblast Cells	80%	70%	C2C12	Mouse Myoblast Cells	94%	96%
bEnd.3	Mouse Brain Endothelial Cells	80%	80%	NMuMG	Mouse Mammary Gland Epithelial Cells	80%	65%
	Mouse Podocytes (Kidney Epithelial cells)	100%	84%		Mouse Podocytes (Kidney Epithelial cells)	66%	68%
SV40	MES 13 Mouse Mesangial Cells	68%	72%	Llc1(LL/2)	Lewis Lung Cell Carcinoma 1 Cells	87%	81%

FM3A	Mouse Breast Cancer Cells	77%	57%	4T1	Mouse Breast Cancer Cells	90%	95%
Ehrlich	Mouse Ehrlich-Lettre Ascites Carcinoma Cells	76%	68%	3134	Mouse Mammary Adenocarcinoma Cells	100%	70%
Hepa1-6	Mouse Hepatoma Cells	50%	98%	Colon-26	Mouse Colon Adenocarcinoma Cells	95%	90%
S180	Mouse Sarcoma Cells	72%	57%	LM8	Mouse Osteosarcoma Cells	90%	85%
	ddy Mouse Endometrial Cells	60%	80%	MS-1	Mouse Pancreatic Endothelial Cells	90%	90%
AtT-20	Mouse Pituitary Tumor Cells	80%	80%	ID-8	Mouse Ovarian Cancer Cells	95%	99%
Neuro-2a	Mouse Neuroblastoma Cells	90%	90%	TtT/GF	Mouse Pituitary Folliculo-Stellate-Like Cells	65%	83%
GL261 E9	Mouse Glioma Cells	55%	57%	BV-2	Mouse Microglial Cells	92%	70%
BV-2	Mouse Microglial Cells	80%	80%	BV-2	Mouse Microglial Cells	90%	50%
SIM-A9	Mouse Microglial Cells	80%	57%				
mDP	Mouse Dental Pupilla Cells	65%	70%	MEL	Mouse Erythroleukemia Cells	70%	50%
L1210	Mouse Lymphocytic Leukemia Cells	85%	70%	WR19L	Mouse T-Cell lymphoma Cells	92%	60%
EL4	Mouse T-Cell Lymphoma Cells	87%	82%	BA/F3	Mouse pro-B Cells	91%	92%
BA/F3	Mouse pro-B Cells	90%	90%	A20	Mouse B-cell Lymphoma Cells	99%	85%
A20	Mouse B-cell Lymphoma Cells	70%	65%	CH12F3	Mouse B Lymphoma Cells	74%	77%
WEHI-231	Mouse B-cell Lymphoma Cells	98%	73%	P815	Mouse Mastocytoma Cells	67%	68%
J774.1	Mouse Macrophage-like Cells	100%	70%	RAW264.7	Mouse Macrophage-like Cells	70%	56%
RAW264.7	Mouse Macrophage-like Cells			RAW264.7	Mouse Macrophage-like Cells	70%	70%
RAW-D	Mouse Macrophage-like Cells	80%	80%	MIN6	Mouse Pancreatic Beta Cells	57%	71%
DC2.4	Mouse Dendritic Cells	42%	66%	XS106	Mouse Dendritic Cells	61%	45%
mDC	Mouse Myeloid Dendritic Cells	79%	72%	416B	Mouse Primitive Myeloid Cells	89%	64%
32D	Mouse Myeloid Cells		88%	MLO-Y4	Mouse Osteocyte-like cells	99%	59%
MC/9	Mouse Mast Cells	76%	84%	MC/9	Mouse Mast Cells	87%	89%
BMBa	Mouse Bone marrow-derived basophils	45%	67%	TS	Mouse Trophoblast Stem Cells	59%	47%
	Mouse hybridoma cells (lymphocytes and myeloma cells)	100%	66%	T Cells	Mouse T cell hybridoma cells Courtesy of Prof. Yokosuka and Dr. Wakamatsu, Department of Immunology, Tokyo Medical University	69%	90%

Species: Rat

PC12	Rat Adrenal Pheochromocytoma Cells	90%	70%	H9c2	Rat Ventricular Myoblasts	71%	82%
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H9c2	Rat Ventricular Myoblasts	75%	80%	REF	Rat Embryonic Fibroblasts	90%	99%
RSC96	Rat Schwann Cells	70%	85%	A7r5	Rat Aortic Smooth Muscle Cells	93%	75%
C6	Rat Glioma Cells	80%	67%	UMR106	Rat Osteoblastic Cells	80%	70%
RSC96	Rat Schwann Cells	70%	85%	SF2	Rat Dental Epithelial Cells	80%	90%
HAT-7	Rat Dental Epithelial Cells	80%	90%				

Species: Hamster

CHO	Chinese Hamster Ovary Cells	74%	90%	CHO	Chinese Hamster Ovary Cells	98%	87%
CHO	Chinese Hamster Ovary Cells	97%	97%	CHO-DG44	Chinese Hamster Ovary Cells	86%	80%
CHO-K1	Chinese Hamster Ovary Cells	95%	95%	CHO-K1	Chinese Hamster Ovary Cells	90%	99%
CHO-S	Chinese Hamster Ovary Cells	94%	93%				

Other Species

COS-7	African Green Monkey Kidney fibroblasts	61%	89%	Vero	African Green Monkey Kidney Epithelial Cells	85%	85%
MDCK	Madrin-Darby Canine Kidney Cells	90%	95%	MDCK	Madrin-Darby Canine Kidney Cells	91%	80%
BFF	Bovine Fetal Fibroblasts	93%	71%	BFF	Bovine Fetal Fibroblasts	78%	72%
CKT-1	Bovine Kidney Epithelial Cells	75%	75%		Bovine Fibroblasts	90%	63%
BAEC	Bovine Aortic Endothelial Cells	80%	80%	LLC-PK1	Pig Kidney Epithelial Cells	80%	85%
CPK	Porcine Kidney Cells	93%	60%	PGCs	Chicken Primordial Germ Cells	98%	63%
DT40	Chicken B Cells	72%	85%	DT40	Chicken B Cells	71%	60%
A6	Xenopus Kidney Epithelial Cells	90%	60%		Exosomes (labeled DNA oligos)		

Transfection into Cell-Culture Plates/Dishes

(To see photo results-data click on the cell name)

<i>Cells</i>	V	TE	<i>Cells</i>	V	TE
Primary Human Skin Fibroblasts	100%	50%	Primary HUVEC	95%	65%
Primary Mouse Hippocampal Neurons (Embryonic day 14) (4 DIV)	60%	50%	Primary Mouse Hippocampal Neurons (Embryonic day 18) (2 DIV)	85%	54%
Mouse Neural Stem Cells	71%	50%	Primary Mouse Microglial Cells (1 DIV after 1 week co-culturing astrocyte and microglial cells)	80%	73%
Primary Mouse Glial Cells (14 DIV)	80%	50%	Primary Mouse Stromal Cells (1-month cultured)	90%	50%
Primary Mouse Liver Cells siRNA Knock Down	Excel.	89%	Primary Rat Cerebral Cortex Neurons (Embryonic day 17) (2 DIV)	70%	60%

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Primary Rat Hippocampal Neurons (Postnatal day 7) (11 DIV)	100%	50%	Primary Rat Granulosa Cells	Excel.	41%
hMSC - Human Mesenchymal Stem Cells	70%	65%	SH-SY5Y - Human Neuroblastoma Cells	90%	50%
EPC - Human Endothelial Progenitor Cells			HPDE - Human Pancreatic Duct Epithelial Cells		80%
THP-1 - Human Acute Monocytic Leukemia Cells	90%	45%	C2C12 - Mouse Myotubes	94%	60%
3T3-L1 - Mouse Embryonic Fibroblasts (7 days after differentiation)	90%	70%	MEF - Mouse Embryonic Fibroblasts	60%	80%
Neuro-2a - Mouse Neuroblastoma Cells	80%	90%	C6 - Rat Glioma Cells	57%	55%