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SCIENTIFIC PUBLICATIONS



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Products Citations

Cell Lines

Cell name	Origin/Description	Type	Mol#1	Mol#2	Product	R.	Publication Reference	Link
16HBE14o	Bronchial Epithelium	Human	LentiV		ViroMag		Orlando C., J Cystic Fibrosis. 2008; 7(2):S22.	
16HBE14o	Bronchial Epithelium	Human	LentiV		ViroMag / R/L		Orlando C., J Gene Med. 2010; 12(9):747-54.	pubmed
3Y1	Fibroblast	Rat	siRNA		PolyMag		Huang P., Oncogene. 2007; 26(30):4357-71.	pubmed
804G	Bladder Epithelium	Rat	siRNA		PolyMag		Visvikis O., Traffic. 2011; 12(5):579-90.	pubmed
A172	Glioblastoma	Human	RetroV				Fukushima T., J Biol Chem. 2007; 282(25):18634-44.	pubmed
A549	Lung carninoa	Human	Lenti shRNA		ViroMag RL		Pajeroski JD., Proc Natl Acad Sci U S A. 2007; 104(40):15619-24.	pubmed
A549	Lung carninoa	Human	DNA		CombiMag	L2K	Wang C., Biochem Biophys Res Commun. 2011; EPUB	pubmed
A549	Lung carninoa	Human	siRNA		CombiMag	multi	Lee S., Nucleic Acid Ther. 2011; 21(3):165-72.	pubmed
A7r5	embryonic aorta smooth muscle	rat	siRNA		SilenceMag		Li M., Pharmacol Res. 2008; 58(5-6):308-15.	pubmed
AR42J	Pancreatic	Rat	DNA		PolyMag		Ashurst HL., Exp Physiol. 2008; 93(2):223-36.	pubmed
B11	Head and neck carcinoma	Human	shRNA		CombiMag	L+	Basile JR., Proc Natl Acad Sci U S A. 2006; 103(24):9017-22.	pubmed
B6	Primary murine fibroblast	Mouse	siRNA		PolyMag		Ensenaeur R., Biotech Histochem. 2010; 18.	pubmed
B95a	Adherent β-lymphoblastoid	Marmoset	Measle Virus		CombiMag	-	Kadota S., J Virol Methods. 2005; 128(1-2):61-6.	pubmed
BT-20	Breast carcinoma	Human	siRNA		CombiMag	multi	Lee S., Nucleic Acid Ther. 2011; 21(3):165-72.	pubmed
C2C12	Myoblast cells	Mouse	Retro V		Magnetofection		Akiyama H., Biomaterials. 2009; 31(6):1251-9.	pubmed
C2C12	Myoblast cells	Mouse	Retro V		Magnetofection		Akiyama H., J Biosc and Bioeng. 2009; 108:S29-S40.	
C2C12	Myoblast cells	Mouse			Magnet Plate		Akiyama H., J Biomed Mater Res A, 2010; 92(3):1123-30.	pubmed
C2C12	Myoblast cells	Mouse	Retro V		Magnet Plate		Akiyama H., WCECS. 2010; 2.	
C2C12	Myoblast cells	Mouse	siRNA		CombiMag	-	Tajika Y., Acta Histochem Cytochem. 2010; 43(4):107-14.	pubmed
C2C12	Myoblast cells	Mouse	siRNA		SilenceMag		Tajika Y., Acta Histochem Cytochem. 2010; 43(4):107-14.	pubmed
C6	Glioma	Rat	DNA		PolyMag		Kievit F., Adv Funct Mater. 2009; 19:1-8.	pubmed
CaCo-2	Colon adenocarcinoma	Human	RNA		CombiMag	L2K	Guix S, J Virol. 2007; 81(22):12238-48.	pubmed
Cal27	Tongue squamous carcinoma	Human	shRNA		CombiMag	L+	Basile JR., Proc Natl Acad Sci U S A. 2006; 103(24):9017-22.	pubmed
CEF	Foetal fibroblasts	Chicken	DNA		PolyMag		Ishimatsu Y., USPatent 2010.	

CEMx174	Lymphocyte	Human	SIV		ViroMag		Sacha JB., J Immunol. 2007; 178(5):2746-54.	pubmed
CEMx174	Lymphocyte	Human	SIV		ViroMag		Sacha JB., J Virol. 2007; 81(21):11703-12.	pubmed
CF2TH	Canine Thymocytes	Canine	HIV		Permanent Magnet		Haim H., PLOS Pathogens ; 5(4):e1000360.	pubmed
CHO	Ovary	Hamster	Measle Virus		CombiMag	-	Kadota S., J Virol Methods. 2005; 128(1-2):61-6.	pubmed
CHO	Ovary	Hamster	DNA		PolyMag		Pinto MP., J Biol Chem. 2006; 281(45):34492-502.	pubmed
CHO	Ovary	Hamster	HCV virus		CombiMag	-	Vieyres G., J Virol Methods. 2009; 157(1):69-79.	pubmed
CHO K1	Ovary	Hamster	DNA	viruses	PolyMag		Scherer F., Gene Ther. 2002; 9(2):102-9.	pubmed
CHO K1	Ovary	Hamster	DNA		CombiMag	L2K	Mukhtarov M., Philos Transact A Math Phys Eng Sci. 2008; 366(1880):3445-62.	pubmed
CHO K1	Ovary	Hamster	DNA		CombiMag	L2K	Wong J., J Biol Chem. 2009; 284(28):18824-32.	pubmed
COS 7	Kidney	Monkey	Retro V		Magnet Plate		Ito A., Tissue Eng Part C Methods. 2009; 15(1):57-64.	pubmed
COS 7	Kidney	Monkey	DNA		PolyMag		Ang D., Acta Biomater. 2010; 7(3):1319-26.	pubmed
COS 7	Kidney	Monkey	cDNA		PolyMag		Takeda K., USPatent 2011.	
COS7	Kidney	Monkey	siRNA		PolyMag		Huang P., Oncogene. 2007; 26(30):4357-71.	pubmed
COS7	Kidney	Monkey	DNA		PolyMag		Namiki Y., Nat Nanotechnol. 2009; 4(9):598-606.	pubmed
D3ES (ES-D3)	Embryonic Stem Cells	Mouse	DNA		PolyMag		Lee CH., Stem Cells Dev. 2008; 17(1):133-41.	pubmed
H292	Lung epithelial cells	Human	DNA		PolyMag		Dobson J., Eur Cells Mater. 2008; 16(3):page 48.	
H295R	Adrenocortical	Human	DNA		CombiMag	L2K	Romero DG., Endocrinology. 2006; 147(12):6046-55.	pubmed
H295R	Adrenocortical	Human	DNA		CombiMag	L2K	Romero DG., Endocrinology. 2007; 148(6):2644-52.	pubmed
H295R	Adrenocortical	Human	DNA		CombiMag	L2K	Romero DG., Physiol Genomics. 2007; 30(1):26-34.	pubmed
H441	lung epithelial carcinoma	Human	siRNA		PolyMag/CombiMag	-	Schmidt CM., Mol Ther. 2006; 13(1):s267.	
H441	lung epithelial carcinoma	Human	DNA		Magnetofection		Mykhaylyk O., Nat Protoc. 2007; 2(10):2391-411.	pubmed
H441	lung epithelial carcinoma	Human	LentiV		ViroMag		Orlando C., J Cystic Fibrosis. 2008; 7(2):S22.	
H9	T lymphocyte	Human	HIV		ViroMag RL		Coren LV., J Virol. 2007; 81(18):10047-54.	pubmed
H9	T lymphocyte	Human	HIV		ViroMag		Thomas JA., J Virol. 2007; 81(8):4367-70.	pubmed
HaCaT	Keratinocytes	Human	DNA		PolyMag		Arnoux V., Mol Biol Cell. 2008; 19(11):4738-49.	pubmed
HaCaT	Keratinocytes	Human			Magnet Plate		Akiyama H., J Biomed Mater Res A, 2010; 92(3):1123-30.	pubmed
HaCaT	Keratinocytes	Human	DNA		PolyMag		Ishimatsu Y., USPatent 2010.	
HaCaT	Keratinocytes	Human	DNA		PolyMag		Semini G., Biochem Pharmacol. 2011; 51(8):985-95.	
HEK-293	Embryonic kidney	Human	shRNA		CombiMag	L+	Basile JR., Proc Natl Acad Sci U S A. 2006; 103(24):9017-22.	pubmed
HEK-293	Embryonic kidney	Human			Magnetofection		De Piedoue G., Oligonucleotides. 2007; 17(2):258-63.	pubmed
HEK-293	Embryonic kidney	Human	siRNA		PolyMag		Deleuze V., Mol Cell Biol. 2007; 27(7):2687-97.	pubmed
HEK-293	Embryonic kidney	Human	DNA		PolyMag		Nakamura A., Exp Toxicol Pathol. 2007; 59(1):1-7.	pubmed
HEK-293	Embryonic kidney	Human	DNA		CombiMag	L2K	Mukhtarov M., Philos Transact A Math Phys Eng Sci. 2008; 366(1880):3445-62.	pubmed
HEK-293	Embryonic kidney	Human	DNA		Neuromag		Strebe N., J Immunol Methods. 2009; 341(1-2):30-40.	pubmed

HEK-293	Embryonic kidney	Human	HCV Virus		CombiMag	-	Vieyres G., J Virol Methods. 2009; 157(1):69-79.	pubmed
HEK-293	Embryonic kidney	Human	DNA		NeuroMag		Strebe N., Antibody Engineering Vol. 2. 2010; 2:173-80.	
HEK-293	Embryonic kidney	Human	virus		Magnetic Plate		Ruprecht C., J Exp Med. 2011; 208(3):439-54.	pubmed
HeLa	Cervical epithelial carcinoma	Human	Measle virus		ViroMag		Kadota S., J Virol Methods. 2005; 128(1-2):61-6.	pubmed
HeLa	Cervical epithelial carcinoma	Human	DNA		PolyMag		Schillinger U., J Magn Magn Mat. 2005; 293(1):501-8.	
HeLa	Cervical epithelial carcinoma	Human	DNA	siRNA	PolyMag/SilenceMag		Mykhaylyk O., J Magn Magn Mat. 2007; 311:275-81.	
HeLa	Cervical epithelial carcinoma	Human	DNA		PolyMag		Namiki Y., Nat Nanotechnol. 2009; 4(9):598-606.	pubmed
HeLa	Cervical epithelial carcinoma	Human	DNA		CombiMag	L2K	Wong J., J Biol Chem. 2009; 284(28):18824-32.	pubmed
HeLa	Cervical epithelial carcinoma	Human	siRNA		PolyMag		Visvikis O., Traffic. 2011; 12(5):579-90.	pubmed
HeLa	Cervical epithelial carcinoma	Human	siRNA		CombiMag	multi	Lee S., Nucleic Acid Ther. 2011; 21(3):165-72.	pubmed
HeLa-CD4	Cervical epithelial carcinoma	Human	HIV virus		PolyMag		Lai MT., Antimicrob Agents Chemother. 2010; 54(11):4815-24.	pubmed
HeLaT4	Cervical epithelial carcinoma	Human	HIV virus		CombiMag	-	Koh Y., Antimicrob Agents Chemother. 2011; 55(1):42-49.	pubmed
Hep2	Laryngeal epithelium	Human	shRNA		CombiMag	L+	Basile JR., Proc Natl Acad Sci U S A. 2006; 103(24):9017-22.	pubmed
HepG2	Hepatocellular carcinoma	Human	DNA	DNA	Magnetofection		Rubic T., Cardiovasc Res. 2006; 69(2):527-35.	pubmed
hKC	Epidermal keratinocytes	Human	DNA		CombiMag		Ishimatsu Y., USPatent 2010.	
HMEC-1	Microvascular endothelium	Human	DNA		PolyMag		Sapet C., Blood . 2006; 108(6):1868-76.	pubmed
HMEC-1	Microvascular endothelium	Human	siRNA		SilenceMag		Sapet C., Blood . 2006; 108(6):1868-76.	pubmed
HMEC-1	Microvascular endothelium	Human	ODN		CombiMag	-	Mannell H., J Vasc Res. 2008; 45(2):153-63.	pubmed
HMEC-1	Microvascular endothelium	Human	siRNA		SilenceMag		Simoncini S., Circ Res. 2009; 104(8):943-51.	pubmed
HN12	Oral cavity carcinoma	Human	shRNA		CombiMag	L+	Basile JR., Proc Natl Acad Sci U S A. 2006; 103(24):9017-22.	pubmed
HNSCCs	Head and neck carcinoma	Rat	DNA		CombiMag	L+	Basile JR., Mol Cell Biol. 2005; 25(16):6889-98.	pubmed
HNSCCs	Head and neck carcinoma	Rat	shRNA		CombiMag	L+	Basile JR., Proc Natl Acad Sci U S A. 2006; 103(24):9017-22.	pubmed
HNSCCs	Head and neck carcinoma	Rat	DNA		CombiMag	L+	Basile JR., J Biol Chem. 2007; 282(9):6899-905.	pubmed
HOS	Osteosarcoma	Human	HIV virus		ViroMag		Thomas JA., J Virol. 2007; 81(8):4367-70.	pubmed
HPE-GAC3	Gastric cancer cell line	Human	DNA		PolyMag		Namiki Y., Nat Nanotechnol. 2009; 4(9):598-606.	pubmed
HSC39	Gastric cancer cell line	Human	DNA		PolyMag		Namiki Y., Nat Nanotechnol. 2009; 4(9):598-606.	pubmed
HSC43	Gastric cancer cell line	Human	DNA		PolyMag		Namiki Y., Nat Nanotechnol. 2009; 4(9):598-606.	pubmed
HSC45	Gastric cancer cell line	Human	DNA		PolyMag		Namiki Y., Nat Nanotechnol. 2009; 4(9):598-606.	pubmed
Huh-7	Hepatic	Human	Norovirus (RNA vir)		CombiMag	L2K	Guix S, J Virol. 2007; 81(22):12238-48.	pubmed
Huh-7	Hepatic	Human			FluoMag-C		Sauer AM., J Control Release. 2009; 137(2):136-45.	pubmed
Huh-7	Hepatic	Human	HCV virus		CombiMag	-	Vieyres G., J Virol Methods. 2009; 157(1):69-79.	pubmed
IDP	Immortalized Dermal papilloma	Human	DNA		PolyMag		Ishimatsu Y., USPatent 2010.	
IMR-32	Neuroblastoma	Human	DNA	DNA	CombiMag	Fug6	Wetterskog D., Mol Cancer Res. 2009; 7(12):2031-9.	pubmed
Jurkat	Acute-T cell lymphoma	Human	siRNA		CombiMag SilenceMag	-	Minami R., Cell Immunol . 2006; 243(1):41-7 .	pubmed

Jurkat	Acute-T cell lymphoma	Human	DNA		CombiMag/iMICST	DG	Sanchez-Antequera Y., Hum Gene Therapy 2007; 18:994-1092.	
Jurkat	Acute-T cell lymphoma	Human	DNA		Magnetofection		Mykhaylyk O., Nat Protoc. 2007; 2(10):2391-411.	pubmed
Jurkat	Acute-T cell lymphoma	Human	DNA		CombiMag	DG	Sanchez-Antequera Y., Int. J. Biomed. Nano 2010.	
Jurkat	Acute-T cell lymphoma	Human	DNA		PolyMag		Sanchez-Antequera Y., Int. J. Biomed. Nano. 2010.	
Jurkat	Acute-T cell lymphoma	Human	cDNA		MagSelectofection		Sanchez-Antequera Y, Blood. 2011; 117(16):e171-81.	pubmed
K562	Chronic myelogenous leukemia	Human	AdenoV		PolyMag/ViroMag		Scherer F., Gene Ther. 2002; 9(2):102-9.	pubmed
K562	Chronic myelogenous leukemia	Human	DNA		CombiMag/iMICST	DG	Sanchez-Antequera Y., Hum Gene Therapy 2007; 18:994-1092.	
K562	Chronic myelogenous leukemia	Human	cDNA		MagSelecto NV		Sanchez-Antequera Y, Blood . 2011; 117(16):e171-81.	pubmed
KPON	Ph1-positive leukemia cell lines	Human	shRNA		ViroMag		Miyazaki K., Blood . 2009; 113(19):4702-10.	pubmed
KS-1	Glioblastoma	Human	RetroV		CombiMag/ViroMag	-	Fukushima T., J Biol Chem. 2007; 282(25):18634-44.	pubmed
L.NCap	Prostate cancer cells	Human	DNA		PolyMag		Ishimatsu Y., USPatent 2010.	
L929	Fibrosarcoma	Mouse	Measle virus		ViroMag		Kadota S., J Virol Methods. 2005; 128(1-2):61-6.	pubmed
M-1	Renal cortical	Murine	siRNA		CombiMag	HiPt	Schmidt CM., Mol Ther. 2006; 13(1):s267.	
MC3T3-E1	Osteoblasts	Mouse	siRNA		SilenceMag		Zhang F., Biochimie. 2010; 93(2):296-305.	pubmed
MCF-7	Breast adenocarcinoma	Human			PolyMag		Wei W., Univ Sci Technolog Med Sci. 2006; 26:26: 728.	
MCF-7	Breast adenocarcinoma	Human	DNA		CombiMag	L2K	Wang J., Immunology. 2007; 121(2):174-82.	pubmed
MCF-7	Breast adenocarcinoma	Human	DNA		Magnetic Plate		Biswas S., Biomaterials. 2011; 32(10):2683-8.	pubmed
MDA-MB231	Breast carcinoma	Human	siRNA		CombiMag	multi	Lee S., Nucleic Acid Ther. 2011; 21(3):165-72.	pubmed
MDCK	Kidney epithelial cells	Canine	DNA		PolyMag		Hasegawa T., Histochem Cell Biol. 2007; 127(3):233-41.	pubmed
MDCK	Kidney epithelial cells	Canine	cDNA	cDNA	LipoMag Kit	DG	Grabherr MG., Plos One. 2011; 6(5):e20136.	pubmed
MEF	Embryonic fibroblasts	Mouse	DNA	DNA	CombiMag	Fug6	Seki T., Genes Cells. 2006; 11(9):1051-70.	pubmed
MEF	Embryonic fibroblasts	Mouse	DNA		CombiMag	L+	Basile JR., J Biol Chem. 2007; 282(9):6899-905.	pubmed
MEF	Embryonic fibroblasts	Mouse	DNA		PolyMag		Ufer C., Genes Dev. 2008; 22(13):1838-50.	pubmed
MEF	Embryonic fibroblasts	Mouse	DNA		PolyMag		Lee CH., Biomaterials. 2011; EPUB	pubmed
MKN-45	Gastric cancer cell line	Human	DNA		PolyMag		Namiki Y., Nat Nanotechnol. 2009; 4(9):598-606.	pubmed
MN9D	Dopaminergic Neurons	Mouse	DNA		CombiMag	L2K	Egana LA., J. Neurosci. 2009; 29(14):4592-604.	pubmed
MN9D	Dopaminergic Neurons	Mouse	DNA		CombiMag	L2K	Hong WC., J Biol Chem. 2010; 285(42):32616-26.	pubmed
MOLT-4	T cell leukemia	Human	siRNA		CombiMag SilenceMag	-	Minami R., Cell Immunol . 2006; 243(1):41-7 .	pubmed
N2A	Neuroblastoma	Mouse	DNA		CombiMag	L2K	Tan Z., Cell Death Differ. 2007; 14(10):1721-32.	pubmed
NCI-H292	lung mucoepidermoid carcinoma	Human	DNA		PolyMag		McBain SC., J. Mater. Chem. 2007; 17(24):2561-65.	
NCI-H292	lung mucoepidermoid carcinoma	Human	DNA		PolyMag		McBain SC., Nanotechnology. 2008; 19(40):1-5.	
NCI-H292	lung mucoepidermoid carcinoma	Human	DNA		PolyMag		Yiu H., J Biomed Mater Res A. 2009; 92(1):386-92.	pubmed
NCI-H292	lung mucoepidermoid carcinoma	Human	DNA		PolyMag		Fouriki A., Nanoreviews. 2010; 1.	
NEURO-2A	NeuroBlastoma	Mouse	DNA		CombiMag	LTX	Tanaka M., J Neurosci Res . 2009; 87(3):820-9.	pubmed
NIH-3T3	Embryonic fibroblasts	Mouse	DNA	viruses	PolyMag/ViroMag		Scherer F., Gene Ther. 2002; 9(2):102-9.	pubmed

NIH-3T3	Embryonic fibroblasts	Mouse	DNA		PolyMag/SilenceMag		Mykhaylyk O., J Magn Magn Mat. 2007; 311:275-81.	
NIH-3T3	Embryonic fibroblasts	Mouse	DNA		PolyMag		Lee CH., Stem Cells Dev. 2008; 17(1):133-41.	pubmed
NYGM	Glioblastoma	Human	RetroV		CombiMag/ViroMag		Fukushima T., J Biol Chem. 2007; 282(25):18634-44.	pubmed
OS3	Astrocyte cell line	Mouse	DNA		CombiMag	L	Yamaguchi T., J Neurosci Res. 2008; 86(3):610-7.	pubmed
Pam212	Squamous epithelial cell	Mouse	DNA		PolyMag		Ishimatsu Y., USPatent 2010.	
PC3	Prostate cancer cell	Human	Virus		ViroMag		Bose S., USPATENT 2010.	
Pex5+/-	Fibroblasts	Mouse	DNA		Magnetofection		Yernaux C., Mol Membr Biol. 2006; 23(2):157-175.	pubmed
RIE-1	Intestinal epithelial cells	Rat	DNA	siRNA	PolyMag		Kim YB., J Biol Chem. 2008; 283(15):10089-96.	pubmed
RAW 264.7	Monocyte/macrophage	Mouse	RetroV.		ViroMag R/L		Franca A., Nanomedicine (Lond). 2011; epub	pubmed
S2-CP8	Metastatic subline of SUIT-2	Human	shRNA		CombiMag	-	Takahashi N., Int J Cancer. 2009; 126(7):1611-20.	pubmed
SCC-25	Squamous cell carcinoma	Human	DNA		PolyMag		Semini G., Biochem Pharmacol. 2011; 51(8):985-95.	
Sertoli Cell	Sertoli Cell line	Zebrafish	LentiV	AdenoV	Magnetofection		Kawasaki T., Zebrafish. 2009; 6(3):253-8.	pubmed
SH-SY5Y	Neuroblastoma	Human	DNA		CombiMag	L2K	Baer K., Mol Cell Neurosci. 2007; 35(2):339-55.	pubmed
SH-SY5Y	Neuroblastoma	Human	LentiV		ViroMag R/L		King TD., Neurotox Res. 2008; 14(4):367-82.	pubmed
SH-SY5Y	Neuroblastoma	Human	DNA		NeuroMag		Sancho RM, Hum Mol Genet. 2009; 18(20):3955-68.	pubmed
SH-SY5Y	Neuroblastoma	Human	DNA	DNA	CombiMag	Fug6	Wetterskog D., Mol Cancer Res. 2009; 7(12):2031-9.	pubmed
SH-SY5Y	Neuroblastoma	Human	DNA		CombiMag	L2K	Wong J., J Biol Chem. 2009; 284(28):18824-32.	pubmed
SK-N-BE2	Neuroblastoma	Human	DNA		PolyMag		Kaneko M., Exp Cell Res. 2006; 312(11):2028-39.	pubmed
STC-1	Intestinal endocrine	Mouse	DNA		Magnetofection		Kim EA., J Biol Chem. 2006; 281(11):7489-97.	pubmed
SUIT-2	Pancreatic Adenocarcinoma	Human	shRNA	-	CombiMag		Takahashi N., Int J Cancer. 2009; 126(7):1611-20.	pubmed
SUPT1	lymphoblastoid CD4+ T-cell line	Human	HIV		ViroMag R/L		Lai MT., Antimicrob Agents Chemother. 2010; 54(11):4815-24.	pubmed
SUPT1	lymphoblastoid CD4+ T-cell line	Human	HIV		ViroMag R/L		Wang YJ., J Virol Methods. 2010; 165(2):230-7.	pubmed
SVEC	Endothelial cells	Mouse	shRNA		CombiMag	L+	Basile JR., Proc Natl Acad Sci U S A. 2006; 103(24):9017-22.	pubmed
T84	Collonic adenocarcinoma	Human	shRNA		ViroMag R/L		Cuppoletti J., AGA Abstract. 2008.	
T98G	Glioblastoma	Human	RetroV		CombiMag/ViroMag		Fukushima T., J Biol Chem. 2007; 282(25):18634-44.	pubmed
TIG3	Diploid lung fibroblasts	Human	DNA		CombiMag	L2K	Kojima T., Mol Cell Biochem. 2006; 293(1-2):63-9 .	pubmed
TKD2	Endothelial	Murine	DNA		PolyMag		Namiki Y., Nat Nanotechnol. 2009; 4(9):598-606.	pubmed
TZM-bl	Hela Derivative cells	Human			Magnetic Plate		Kadiu I., J Neuroimmune Pharmacol. 2011; [Epub ahead of print]	pubmed
U251	Glioblastoma	Human	RetroV		CombiMag/ViroMag		Fukushima T., J Biol Chem. 2007; 282(25):18634-44.	pubmed
U373	Glioblastoma	Human	RetroV		CombiMag/ViroMag		Fukushima T., J Biol Chem. 2007; 282(25):18634-44.	pubmed
U87	Glioblastoma	Human	RetroV		CombiMag/ViroMag		Fukushima T., J Biol Chem. 2007; 282(25):18634-44.	pubmed
U87	Glioblastoma	Human	Pseudot. virus		ViroMag R/L		Berro R., PLoS Pathog. 2009; 5(8):e1000548.	pubmed
U87	Glioblastoma	Human	Pseudot. virus		ViroMag R/L		Berro R., J Virol. 2011; (85)16:8227-8240	pubmed
U937	Leukemic monocyte lymphoma	Human	HIV		ViroMag R/L		Payne RR., J Virol. 2010; 84(20):10543-57.	pubmed
Vero	Kidney	Monkey	Measle		CombiMag	-	Kadota S., J Virol Methods. 2005; 128(1-2):61-6.	pubmed

			virus					
Vero	Kidney	Monkey	cDNA	cDNA	LipoMag Kit		Grabherr MG., Plos One. 2011; 6(5):e20136.	pubmed
Vero E6	Kidney	Monkey	siRNA		CombiMag	Fug6	Mizutani T., FEMS Immunol Med Microbiol. 2005; 46(2):236-43.	pubmed
Vero E6	Kidney	Monkey	DNA		CombiMag	-	Mizutani T., Biochem Biophys Res Commun. 2006; 347(1):261-5.	pubmed
YH-13	Glioblastoma	Human	RetroV		CombiMag/ViroMag	-	Fukushima T., J Biol Chem. 2007; 282(25):18634-44.	pubmed
YK6-1	Glioblastoma	Human	RetroV		CombiMag/ViroMag	-	Fukushima T., J Biol Chem. 2007; 282(25):18634-44.	pubmed

Primary Cells

Cell name	Origin/Description	Type	Mol#1	Mol#2	Product	R.	Publication Reference	Link
Adherent gastric cells	Gastric glands	Mouse	DNA		CombiMag	-	Steele I., Am J Physiol Gastrointest Liver Physiol. 2007; 293(1):G347-54.	pubmed
Adherent gastric cells	Gastric glands	Human	DNA		CombiMag	-	Varro A., Am J Physiol Gastrointest Liver Physiol. 2007; 292(4):G1133-40.	pubmed
Astrocytes	Cerebral cortices	Rat	DNA		NeuroMag		Pickard M., Nanomedicine (Lond). 2010; 5(2): 217-232.	pubmed
Astrocytes	Cerebral cortices	Rat	DNA		NeuroMag		Pickard M., Tissue Engineering. 2010.	-
Cardiomyocyte	Ventricular	Rat	DNA		CombiMag	Genj	Eder P., Cardiovascular Research 2007; 73(1):111-9.	pubmed
Chondrocytes	Articular	Human	DNA		PolyMag		Recklies AD., J Biol Chem. 2005; 280(50):41213-21.	pubmed
Chondrocytes	Articular	Rabbit	DNA	siRNA	PolyMag SilenceMag		Schillinger U., J Magn Magn Mat. 2005; 293(1):501-8.	-
Chondrocytes	Cartilage from femoral condyles and tibia plateaus	Human	DNA		Magnetofection		Megias J., Biochem. Pharmacol. 2009; 77(12):1806-13.	pubmed
cPTC	Chicken proximal tubule	chicken	cDNA		PolyMag		Bataille AM., Am J Physiol Renal Physiol. 2010; 300(6):F1327-38.	pubmed
Dendritic Cells	Blood	Human	siRNA		PolyMag		Melki, Retrovirology. 2010; supp1:O6.	-
Dendritic Cells	Blood	Human	siRNA		PolyMag		Melki MT., PLoS Pathog. ; 6(4):e1000862.	pubmed
Embryonic Stem Cells	Embryo (D3 mES)	Mouse	DNA		PolyMag		Lee CH., Stem Cells Dev. 2008; 17(1):133-41.	pubmed
Endothelial cells	Aorta (PAEC)	Porcine	shRNA		CombiMag	L+	Basile JR., Mol Cell Biol. 2005; 25(16):6889-98.	pubmed
Endothelial cells	Aortic endothelium (PAEC)	Rat	shRNA		CombiMag	L+	Basile JR., Proc Natl Acad Sci U S A. 2006; 103(24):9017-22.	pubmed
Endothelial cells	Aortic endothelium (PAEC)	Porcine	DNA		CombiMag	L+	Kaur S, J Biol Chem. 2006; 281(16):11347-56.	pubmed
Endothelial cells	Cord blood	Human	siRNA		PolyMag		Deleuze V., Mol Cell Biol. 2007; 27(7):2687-97.	pubmed
Endothelial Progenitor Cells	Peripheral blood derived mononuclear cells	Human	Mag-EPC		CombiMag		Koiwaya H., J Mol Cell Cardiol. 2011; 51(1):33-40.	pubmed
Epithelial	Lung	Mouse	-		CombiMag	-	Gersting SW., J Gene Med. 2004; 6(8):913-922.	pubmed
Epithelial	Kidney proximal tubule	Chicken	DNA		PolyMag		Bataille AM., Am J Physiol Regul Integr Comp Physiol. 2008; 295(6):R2024-33.	pubmed
Epithelial	Gastric	Mouse	rAdGFP		ViroMag		Gliddon B., Biomed Mater. 2008; 3(3):34117.	pubmed
Epithelial	Gastric Gland	Human	DNA		CombiMag SilenceMag	-	Kenny S., Am J Physiol Gastrointest Liver Physiol. 2008; 295(3):G431-41.	pubmed

Epithelial	Corneal	Human	siRNA		PolyMag Neo		Ueta M., Brain Res Bull. 2009; 81(2-3):219-28.	pubmed
Fibroblast like synoviocytes	Synovial Tissues	Human	siRNA		CombiMag	-	Kim, Immunology Letters 2009; 124(1):9-17.	pubmed
Fibroblasts	/	Mouse	DNA		PolyMag		Fransen M., J Mol Biol. 2005; 346(5):1275-86.	pubmed
Fibroblasts	Foetal fibers	Mouse	DNA		CombiMag	Fug6	Couchoux H., J Physiol. 2007; 580(3):745-754.	pubmed
Fibroblasts	Primary and Tumoral (Human mouth epidermal)	Human	siRNA		PolyMag		Ji JH., J Oral Pathol Med. 2009; 38(7):591-6.	pubmed
Glioblastoma	Brain tumor (GBM)	Human	RetroV		CombiMag/ViroMag		Fukushima T., J Biol Chem. 2007; 282(25):18634-44.	pubmed
hCBMC	Whole blood	Human	LentiV		MagSelecto-LV		Sanchez-Antequera Y, Blood. 2011; 117(16):e171-81.	pubmed
Hematopoietic Stem Cells	Blood	Mouse	shRNA		Magnetofection		Hosokawa, Blood. 2010; 116(4):554-63.	pubmed
Hepatocytes	Liver	Mouse	LentiV	AdenoV	ViroMag/ R/L		Wang X., Methods Mol Biol. 2009; 481(1):117-40.	pubmed
hESC	Embryonic stem cells	Human	cDNA		PolyMag		Cho SG., Meth. Advance culture. 2011:197-8.	-
HPAEC	Pulmonary artery endothelial cells	Human	siRNA		SilenceMag	L2K	Ge X., J Pharmacol Sci. 2007; 105(2):168-76.	pubmed
HSPC	Bone Marrow Hemtopoietic Stem Cells and progenitor	Mouse	LV		ViroMag RL		Perry JM., Genes Dev. 2011 Sep 15;25(18):1928-42.	pubmed
HUC-HSC	Hematopoietic Stem Cells	Human	DNA		MagSelecto-DG		Mykhaylyk O., J Controlled Released 2010; 148:E57-e73.	-
HUC-MSC	Mesenchymal Stem Cells	Human	DNA		MagSelecto-DG		Mykhaylyk O., J Controlled Released 2010; 148:E57-e73.	-
HUC-MSC	Mesenchymal Stem Cells	Human	LentiV		MagSelecto-LV		Sanchez-Antequera Y, Blood. 2011; 117(16):e171-81.	pubmed
HUVEC	Umbilical vein endothelium	Rat	shRNA		CombiMag	L+	Basile JR., Proc Natl Acad Sci U S A. 2006; 103(24):9017-22.	pubmed
HUVEC	Umbilical vein endothelium	Rat	siRNA		PolyMag		Deleuze V., Mol Cell Biol. 2007; 27(7):2687-97.	pubmed
HUVEC	Umbilical vein endothelium	Human	ODN		CombiMag	-	Mannell H., J Vasc Res. 2008; 45(2):153-63.	pubmed
HUVEC	Umbilical vein endothelium	Human	LentiV		CombiMag		Hofmann A., Proc Natl Acad Sci U S A. 2009; 106(1):44-49.	pubmed
HUVEC	Umbilical vein endothelium	Human	siRNA		SilenceMag		Simoncini S., Circ Res. 2009; 104(8):943-51.	pubmed
HUVEC	Umbilical vein endothelium	Human	siRNA		PolyMag		Visvikis O., Traffic. 2011; 12(5):579-90.	pubmed
HUVEC	Umbilical vein endothelium	Human	DNA		MagnetoFection		Cailleteau L., J Cell Sci. ; 123(14):2491-501.	pubmed
HUVECs	Umbilical vein endothelium	Human	dsRNA		PolyMag		Doshida M., J Biol Chem. 2006; 281(34):24270-8.	pubmed
HUVECs	Umbilical vein endothelium	Human	DNA		PolyMag		Nagata D., Hypertension. 2006; 48(1):165-71.	pubmed
Immature HematoPoietic Stem Cells	Blood	Mouse	RetroV		ViroMag		Naka K., Nature. 2010; 463(7281):676-80.	pubmed
LSK	Bone Marrow HSC	Mouse	RetroV		Magnetofection		Zou P., Cell Stem Cell. 2011 Sep 2;9(3):247-61.	pubmed
Macrophages	Monocyte-derived macrophages	Human	siRNA		SilenceMag		Kadiu I., Nanomedicine (Lond). 2011.	pubmed
Mesencephalic Cells	Cerebellum, Spinal cord, Myelencephalon	Mouse	RetroV		ViroMag R/L		Mizuhara E., Dev Biol. 2010; 338(2):202-14.	pubmed
mIEnd	Mesenteric lymph node Endothelial cells	Mouse	DNA		CombiMag	L2K	François M., Nature 2008; 456(7222):643-8.	pubmed
mouse bone marrow cells	Bone marrow	Mouse	DNA		Magnetofection		Khurana S., J Biol Chem. 2010; 285(7):4725-31.	pubmed
mouse bone	Bone marrow	Mouse	LentiV		MagSelecto-LV		Sanchez-Antequera Y, Blood. 2011; 117(16):e171-81.	pubmed

marrow cells sca-1							
Myoblasts	Skeletal myotubes	Mouse	DNA		CombiMag	Fug6	Couchoux H., J Physiol. 2007; 580(3):745-754. pubmed
Myofibroblasts	Gastric	Human	siRNA		SilenceMag		McCaig C., Gastroenterology. 2006; 130(6):1754-63. pubmed
Neural Stem Cells	Subventricular zone	Mouse	DNA		NeuroMag		Pickard M., Biomaterials. 2010; 32(9):2274-84. pubmed
Neural Stem Cells	Subventricular zone	Mouse	DNA		NeuroMag		Sapet C., Biotechniques. 2011; 50(3):187-9. pubmed
Neurons	Hippocampal	Wistar rats	DNA		CombiMag	L2K	Chudotvorova I., J Physiol. 2005; 566(3):671-9. pubmed
Neurons	Cortical (embryonic DRG)	Rat	siRNA		CombiMag	L2K	Uchida Y., Genes Cells. 2005; 10(2):165-79. pubmed
Neurons	Hippocampal	Rat	DNA		CombiMag	L2K	Baer K., Mol Cell Neurosci. 2007; 35(2):339-355. pubmed
Neurons	Cortical	Rat	DNA		CombiMag NeuroMag	L2K	Buerli T., Nat Protoc. 2007; 2(12):3090-101. pubmed
Neurons	Hippocampal	Rat	DNA		CombiMag NeuroMag	L2K	Buerli T., Nat Protoc. 2007; 2(12):3090-101. pubmed
Neurons	Vagal afferent	Mouse	DNA		CombiMag	Trf	De Lartigue G., J Neurosci. 2007; 27(11):2876-82. pubmed
Neurons	Hippocampal	Rat	DNA		CombiMag	L2K	Lardi-Studler B., J Cell Sci. 2007; 120(8):1371-82. pubmed
Neurons	Cortical	Rat	DNA		CombiMag	L2K	Tan Z., Cell Death Differ. 2007; 14(10):1721-32. pubmed
Neurons	Nodose ganglions	Rat	DNA		CombiMag	Trf	Burdyga G., J Neurosci. 2008; 28(45):11583-92. pubmed
Neurons	Neocortical	Rat	DNA		CombiMag	L2K	Cestele S., J Neurosci. 2008; 28(29):7273-83. pubmed
Neurons	Cerebellar granule (CGN)	Rat	DNA		NeuroMag		Guzman-Beltran S., Neurosci Lett. 2008; 447(2-3):167-71. pubmed
Neurons	Hippocampal	Rat	DNA		CombiMag	L2K	Kuczewski N., J Neurosci. 2008; 28(27):7013-23. pubmed
Neurons	Hippocampal	Rat	DNA		CombiMag	L2K	Markova O., J Neurosci Methods. 2008; 170(1):67-76. pubmed
Neurons	Cortical	Rat	DNA		CombiMag	L2K	Sbai O., Mol Cell Neurosci. 2008; 39(4):549-68. pubmed
Neurons	Vagal afferent	Rat	DNA	siRNA	SilenceMag CombiMag	Trf	De Lartigue G., Gastroenterology. 2009; 138(4):1479-90. pubmed
Neurons	Hippocampal	Rat	DNA		CombiMag	L2K	Fiorentino H., J Neuroscience, 2009; 29(37):11650-61. pubmed
Neurons	Hippocampal	Rat	DNA		CombiMag	L2K	Ivanov A., J Cell Sci. 2009; 122(4):524-34. pubmed
Neurons	Hippocampal	Rat	DNA		NeuroMag		Marchionni I., Neuroscience. 2009; 164(2):552-62. pubmed
Neurons	Ventral Mesencephalons	Mouse	RetroV		ViroMag R/L		Nakatani T., Dev Biol. 2009; 339(1):101-13. pubmed
Neurons	Cortical	Mouse	DNA		CombiMag	L	Ould-Yahoui A., Plos One 2009; 4(12):e8289. pubmed
Neurons	Dorsal Root Ganglion	Rat	DNA		NeuroMag		Takei Y., Sci Signal. 2009; 2(64):ra14. pubmed
Neurons	Hippocampal	Mouse	DNA		CombiMag	L2K	Bürli T., PLoS One. 2010; 5(7):e11507. pubmed
Neurons	Vagal afferent	Mouse	DNA		CombiMag	Trf	De Lartigue G., Endocrinology. 2010; 151(8):3589-99. pubmed
Neurons	Vagal afferent	Mouse	siRNA		SilenceMag		De Lartigue G., Endocrinology. 2010; 151(8):3589-99. pubmed
Neurons	Cerebellar granule (CGN)	Rat	DNA		NeuroMag		Espada S., Free Radic Biol Med. 2010; 49(3):416-26. pubmed
Neurons	Motor neurons	Mouse	DNA		NeuroMag		Fallini C., Mol Neurodegener. 2010; 21(5):17. pubmed
Neurons	Hippocampal	Mouse	DNA		NeuroMag		Gross C., J Neurosci. 2010; 30(32):10624-38. pubmed
Neurons	Hippocampal	Rat	DNA		NeuroMag		Opazo, Traffic. 2010; 11(6):800-12. pubmed
Neurons	Cortical	Rat	DNA		CombiMag	L2K	Schäfer MKE., Neurobiol Dis 2010; 40(1):222-37. pubmed

Neurons	Dorsal Root Ganglion	Rat	DNA		NeuroMag		Shanley L., Neurosignals. 2010; 18(3):173-85.	pubmed
Neurons	Dorsal Root Ganglion	Rat	DNA		NeuroMag		Takei Y., US PATENT. 2010.	-
Neurons	Cortical	Mouse	DNA		NeuroMag		Viswanathan J., Traffic. 2010; 12(3):330-48.	pubmed
Neurons	Hippocampal	Rat	DNA		CombiMag	L2K	Waseem T., J Neurosci Methods. 2010; 193(1):14-23.	pubmed
Neurons	Motor neurons	Mouse	DNA		NeuroMag		Fallini C., J Neurosci. 2011; 31(10):3914-25.	pubmed
Neurons	Hippocampal	Rat	siRNA		SilenceMag		Gant JC., J Neurosci. 2011; 31(5):1693–1703.	pubmed
Neurons	Hippocampal	Rat	DNA	shRNA	CombiMag	L2K	Pellegrino C., J Physiol. 2011; 589(10):2475-96.	pubmed
Neurons	Hippocampal	Rat	DNA		CombiMag	L2K	Tyagarajan S., Proc Natl Acad Sci U S A. 2011; 108(1):379-84.	pubmed
Neurons	Motor neurons	Mouse	LNA	siRNA	NeuroMag		Muddashetty RS., Mol Cell. 2011; 42(5):673-88.	pubmed
Neurons	Hippocampal	Rat	DNA		CombiMag	L2K	Tyagarajan S., Proc Natl Acad Sci U S A. 2011; 108(1):379-84.	pubmed
Neurons	Hippocampal	Mouse	DNA	siRNA	NeuroMag		Yoshida T., J Neurosci. 2011 Sep 21;31(38):13485-99.	pubmed
Neurons	Cortical	Mouse	DNA	siRNA	NeuroMag		Yoshida T., J Neurosci. 2011 Sep 21;31(38):13485-99.	pubmed
Neurons	Hippocampal	Rat	DNA	DNA	NeuroMag		Alavian KN., Nat Cell Biol. 2011 Sep 18. [Epub ahead of print]	pubmed
Oligodendrocyte Precursor cells	Cerebral cortex	Rat	DNA		NeuroMag		Jenkins SI., ACS Nano. 2011; 23;5(8):6527-38.	pubmed
PAEC	Aortic Endothelial Cells	Porcine	ODN		CombiMag	-	Mannell H., Cell Signal. 2009; 22(1):88-96.	pubmed
Parietal Cells	Gastric Glands	Mouse	AdenoV		ViroMag		Gunn PA., Biol Cell. 2011 Sep 8. [Epub ahead of print]	pubmed
PBL	PBL	/	AdenoV		ViroMag		Scherer F., Gene Ther. 2002; 9(2):102-9.	pubmed
PBMC	PBMC	Macaques	SIV		ViroMag		Maness NJ., J Exp Med. 2007; 204(11):2505-12.	pubmed
PBMC	PBMC	Macaques	HIV		ViroMag		Sacha JB., J Immunol. 2007; 178(5):2746-54.	pubmed
PBMC	PBMC	Macaques	HIV		ViroMag		Sacha JB., J Virol. 2007; 81(21):11703-12.	pubmed
PBMC	PBMC	Human	RetroV		ViroMag R/L		Barsov E., Methods Mol Biol. 2009; 511:143-158.	pubmed
PBMC	PBMC	Macaques	HIV		ViroMag		Sacha JB., J Virol. 2010; 84(20):10907-12.	pubmed
PBMC	PBMC	Human	cDNA		PolyMag		Whitney JB., PLoS One. 2011; 6(4):e18589.	pubmed
RPE	Retinal pigment epithelium	Human	DNA		CombiMag	L2K	Kojima A., Biochem Biophys Res Commun. 2008; 366(2):532-8.	pubmed
Spermatozoa	Spermatozoa	D. Boar	DNA		PolyMag		Kim TS., Reprod Domest Anim. 2011; 45(5):201-6.	pubmed
Synoviocytes	Synovial specimens	Human	DNA		CombiMag PolyMag		Garcia-Arnandis I., Arthritis Res Ther. 2010; 12(4):R165.	pubmed
T lymphocytes	PBMC	Macaques	SIV		ViroMag		Maness NJ., J Exp Med. 2007; 204(11):2505-12.	pubmed
T lymphocytes	PBMC	Macaques	HIV		ViroMag		Sacha JB., J Immunol. 2007; 178(5):2746-54.	pubmed
T lymphocytes	PBMC	Macaques	HIV		ViroMag		Sacha JB., J Virol. 2007; 81(21):11703-12.	pubmed
T lymphocytes	PBMC	Macaques	HIV		ViroMag		Migueles SA., Immunity 2008; 29(6):1009-21.	pubmed
T lymphocytes	PBMC	Macaques	HIV		ViroMag		Sacha JB., J Virol. 2008; 82(18):9293-8.	pubmed
T lymphocytes	PBMC	Macaques	HIV		ViroMag		Sacha JB., Proc Natl Acad Sci U S A. 2009; 106(24):9791-6.	pubmed
T lymphocytes	PBMC	Macaques	HIV		ViroMag		Sacha JB., J Virol. 2010; 84(20):10907-12.	pubmed
T lymphocytes (CD4+)	PBMC / Splenocytes	Macaques	SIV		ViroMag		Minang JT., Virology. 2008; 375(1):307-14.	pubmed

T lymphocytes (CD4+)	PBMC	Human	shRNA		PolyMag		Cho ML., Immunol Lett. 2009; 123(1):21-30.	pubmed
T lymphocytes (CD4+)	PBMC	Human	SIV		ViroMag		Maness NJ., J Virol. 2009; 83(19):10280-5.	pubmed
T lymphocytes (CD4+)	PBMC	Human	HIV		ViroMag		Migueles SA., J Virol. 2009; 83(22):11876-89.	pubmed
T lymphocytes (CD4+)	PBMC / Splenocytes	Macaques	SIV		ViroMag		Minang JT., Virology. 2009; 391(1):130-9.	pubmed
T lymphocytes (CD4+)	PBMC	Macaques	SIV		ViroMag		Bolton DL., J Immunol. 2010; 184(1):303-14.	pubmed
T lymphocytes (CD4+)	PBMC	Macaques	SIV		ViroMag		Minang JT., J. Immun. 2010; 184(1):315-26.	pubmed
T lymphocytes (CD4+)	PBMC	Macaques	SIV		ViroMag		Minang JT., Virology. 2010; 409(1):132-40.	pubmed
T lymphocytes (CD4+)	PBMC	Human	HIV		ViroMag		Sacha JB., Nat Protoc. 2010; 5(2):239-46.	pubmed
T lymphocytes (CD4+)	PBMC	Human	RetroV		ViroMag R/L		Sing M., USPATENT. 2010; 14(2):310-23.	-
T lymphocytes (CD4+)	PBMC	Human	SIV		ViroMag		Vojnov L., J Virol. 2010; 84(2):753-64.	pubmed
T lymphocytes (CD4+)	PBMC	Human	HIV virus		ViroMag		Connors, USPatent 2011.	-
T lymphocytes (CD4+)	PBMC	Human	Pseudot. virus		ViroMag R/L		Berro R., J Virol. 2011; (85)16:8227-8240	pubmed
T lymphocytes (CD4+)	PBMC	Macaque	SIV		ViroMag		Barsov EV., PLoS One. 2011;6(8):e23703. Epub 2011 Aug 23.	pubmed
T lymphocytes (CD8+)	PBMC	Human	SIV		ViroMag		Greene JM., J Virol. 2010; 84(7):3362-72.	pubmed

In Vivo Citations

Type	Description	Mol#1	Mol#2	Product	R.	Publication Reference	Link
Feline	Fibrosarcoma	DNA		PolyMag		Schillinger U., J Mag Mater. 2005; 293(1):501-8.	
Feline	Fibrosarcoma	DNA		Magnetofection		Jahnke A., J Vet Med. 2007; 54():599-606.	pubmed
Feline	Fibrosarcoma	DNA		Magnetofection		Hüttinger C., J Gene Med. 2008; 10(6):655-67.	pubmed
Mouse	Abdominal cavity	ODN		PolyMag		Krotz F., Mol Ther. 2003; 7(5Pt1):700-10.	pubmed
Rabbit	Ear artery	DNA		PolyMag		Plank C., Expert Opin Biol Ther. 2003; 3(5):745-58.	pubmed
Rat	Stomach	AdenoV		ViroMag		Scherer F., Gene Ther. 2002; 9(2):102-9.	pubmed
Rat	Jejunum	DNA		PolyMag		Plank C., Expert Opin Biol Ther. 2003; 3(5):745-58.	pubmed
Rat	Aortic root	DNA		Magnetofection		Burdorf L., Xenotransplantation. 2007; 14(1):372.	pubmed
Rat	Skin Flap Model	DNA		Magnetofection		Holzbach T., J Cell Mol Med. 2010; 14(3):587-99.	pubmed

Mouse	<i>Ex vivo</i> Aorta	LentiV		CombiMag		Hofmann A., Proc Natl Acad Sci U S A. 2009; 106(1):44-9.	pubmed
Mouse	<i>Ex vivo</i> Urogenital ridges	DNA		CombiMag	L2K	Svingen T., Dev Dynamics. 2009; 238(4):956-64.	pubmed
Mouse	Subcutaneous tumor	DNA		CombiMag	L2K	Wang C., Biochem Biophys Res Commun. 2011; EPUB.	pubmed

Generality/Technology/Methods

Auteur	Publication title	Publication Reference	Link
Ferrari S.	Barriers to and new approaches for gene therapy and gene delivery in cystic fibrosis.	Ferrari S., Adv Drug Deliv Rev. 2002; 54(11):1373-93.	pubmed
Scherer F.	Magnetofection: enhancing and targeting gene delivery by magnetic force in vitro and in vivo.	Scherer F., Gene Ther. 2002; 9(2):102-9.	pubmed
Hirao K.	Targeted gene delivery to human osteosarcoma cells with magnetic cationic liposomes under a magnetic field.	Hirao K., Int J Oncol. 2003; 22(5):1065-71.	pubmed
Krotz F.	Magnetofection--a highly efficient tool for antisense oligonucleotide delivery in vitro and in vivo.	Krotz F., Mol Ther. 2003; 7(5Pt1):700-10.	pubmed
Krotz F.	Magnetofection potentiates gene delivery to cultured endothelial cells.	Krotz F., J Vasc Res. 2003; 40(5):425-34.	pubmed
Plank C.	Magnetofection: enhancing and targeting gene delivery with superparamagnetic nanoparticles and magnetic fields.	Plank C., J Liposome Res. 2003; 13(1):29-32.	pubmed
Plank C.	The magnetofection method: using magnetic force to enhance gene delivery.	Plank C., Biol Chem. 2003; 384(5):737-47.	pubmed
Plank C.	Enhancing and targeting nucleic acid delivery by magnetic force.	Plank C., Expert Opin Biol Ther. 2003; 3(5):745-58.	pubmed
Schmidt-Wolf GD.	Non-viral and hybrid vectors in human gene therapy: an update.	Schmidt-Wolf GD., Trends Mol Med. 2003; 9(2):67-72.	pubmed
Xiang JJ.	IONP-PLL: a novel non-viral vector for efficient gene delivery.	Xiang JJ., J Gene Med. 2003; 5(9):803-17.	pubmed
Berry CC.	The influence of transferrin stabilised magnetic nanoparticles on human dermal fibroblasts in culture.	Berry CC., Int J Pharm. 2004; 269(1):211-25.	pubmed
Gould P.	Nanoparticles probe biosystems.	Gould P., Materials Today. 2004; 2(1):36-43.	
Griesenbach U	Advances in cystic fibrosis gene therapy.	Griesenbach U, Curr Opin Pulm Med. 2004; 10(6):542-46.	pubmed
Huth S.	Insights into the mechanism of magnetofection using PEI-based magnetofectins for gene transfer.	Huth S., J Gene Med. 2004; 6(8):923-36.	pubmed
Wagner E.	Targeted nucleic acid delivery into tumors: new avenues for cancer therapy	Wagner E., Biomed Pharmacother. 2004; 58(3):152-61.	pubmed
Ben-Hur T.	Stem Cell Therapy for Myelin Diseases.	Ben-Hur T., Curr Drug Targets. 2005; 6(1):3-19.	pubmed
Bonetta L.	The inside scoop—evaluating gene delivery methods.	Bonetta L., Nature Methods. 2005; 2(11):875-83.	
Bystrzejewski M.	Arc plasma route to carbon-encapsulated magnetic nanoparticles for biomedical applications	Bystrzejewski M., Sens Actu B: Chemical. 2005; 109(1):81-5.	
Chalberg TW.	Transfection of DNA into mammalian cells in culture.	Chalberg TW., Encyclopedia of Llife Sciences. 2005.	
Conwell CC.	Recent Advances in Non-viral Gene Delivery.	Conwell CC., Adv Genet. 2005; 53:1-18.	pubmed
Davies JC.	Airway Gene Therapy.	Davies JC., Adv Genet. 2005; 54:293-314.	pubmed
Gupta AK.	Synthesis and surface engineering of iron oxide nanoparticles for biomedical applications.	Gupta AK., Biomaterials. 2005; 26(18):3995-4021.	pubmed

Hengge UR.	Progress and prospects of skin gene therapy: a ten year history.	Hengge UR., Clin Dermatol. 2005; 23(1):107-14.	pubmed
Mehier-Humbert JS.	Physical methods for gene transfer: Improving the kinetics of gene delivery into cells.	Mehier-Humbert JS., Adv Drug Deliv Rev. 2005; 57(5):733-53.	pubmed
Neuberger T.	Superparamagnetic nanoparticles for biomedical applications: Possibilities and limitations of a new drug delivery system.	Neuberger T., J Magn Magn Mat. 2005; 293(1):483-96.	
Plank C.	Localized Nucleic Acid Delivery: A discussion of Selected Method.	Plank C., Vaccination and. Immunotherapy. 2005.	
Schillinger U.	Advances in Magnetofection – Magnetically guided nucleic acid delivery.	Schillinger U., J Magn Magn Mat 2005; 293(1):501-8.	
Dobson J.	Brevet # US 20080286361A1 – GENE DELIVERY – NCI-H292 and Polymag	Dobson J., US PATENT. 2006.	
Grard G.	Ngoye virus: a novel evolutionary lineage within the genus Flavivirus.	Grard G., J Gen Virol. 2006; 87(11):3273-7.	pubmed
Plank C.	Magnetofection: enhancing and targeting gene delivery by magnetic force.	Plank C., Signal Transduction. 2006; supp1:1-90.	
Smith C.	Sharpening the tools of RNA interference State-of-the-art for siRNA Delivery	Smith C., Nat Methods. 2006; 3:475-86.	
Wei W.	Magnetic iron oxide nanoparticles mediated gene therapy for breast cancer--an in vitro study.	Wei W., J Huazhong Univ Sci Technolog Med Sci. 2006; 26(6):728-30.	pubmed
Aviles M.	Isolated Swine Heart Ventricle Perfusion Model for Implant Assisted-Magnetic Drug Targeting	Aviles M., Int J Pharm. 2007; 361(1-2):202-8.	pubmed
Chorny M.	Magnetically driven plasmid DNA delivery with biodegradable polymeric nanoparticles.	Chorny M., FASEB J. 2007; 21(10):2510-9.	pubmed
Hoehn M.	Cell tracking using magnetic resonance imaging.	Hoehn M., J Physiol. 2007; 584(1):25-30.	pubmed
Jahnke A.	Intra-tumoral gene delivery of feIL-2, feIFN-c and feGM-CSF using Magnetofection as a neoadjuvant treatment option for feline fibrosarcomas: a phase-I study.	Jahnke A., J Vet Med A Physiol Pathol Clin Med. 2007; 54(10):599-606.	pubmed
Mykhaylyk O.	Generation of magnetic nonviral gene transfer agents and magnetofection in vitro.	Mykhaylyk O., Nat Protoc. 2007; 2(10):2391-411.	pubmed
Xiang L.	Bacterial magnetic particles (BMPs)-PEI as a novel and efficient non-viral gene delivery system.	Xiang L., J Gene Med. 2007; 9(8):679-90.	pubmed
Zhou XF.	Using Magnetic Force to Enhance Immune Response to DNA Vaccine	Zhou XF., Small. 2007; 3(10):1707-13.	pubmed
B. Polyak.	High field gradient targeting of magnetic nanoparticle-loaded endothelial cells to the surfaces of steel stents	B. Polyak., Proc Natl Acad Sci U S A. 2008; 105(2):698-703.	pubmed
Bhattarai SR.	Laboratory formulated magnetic nanoparticles for enhancement of viral gene expression in suspension cell line.	Bhattarai SR., J Virol Methods. 2008; 147(2):213-8.	pubmed
Ino K.	Plasmid DNA Transfection Using Magnetite Cationic Liposomes for Construction of Multilayered Gene-Engineered Cell Sheet	Ino K. , Biotechnol Bioeng. 2008; 100(1):168-76.	pubmed
Mykhaylik O.	Recent advances in Magnetofection and Its Potential to Deliver siRNAs in vitro	Mykhaylik O., Methods Mol Biol. 2008; 487:111-46.	pubmed
Mykhaylyk O.	SiRNA delivery by magnetofection	Mykhaylyk O., Curr Opin Mol Ther. 2008; 10(5):493-505.	pubmed
Pan X.	Cationic Lipid-Coated Magnetic Nanoparticles Associated with Transferrin for GeneDelivery358	Pan X., Int J Pharm. 2008; 358(1-2):263-70.	pubmed
Plank C.	Nanomagnetosols: magnetism opens up new perspectives for targeted aerosol delivery to the lung	Plank C., Trends Biotechnol. 2008; 26(2):59-63.	pubmed
Blow N.	Journey Across the membrane	Blow N., Nat Methods. 2009; 6(4):305-309.	
Corchero JL.	Biomedical applications of distally controlled magnetic nanoparticles	Corchero JL., Trends in Biotechnology. 2009; 27(8):468-76.	pubmed
Dobson J.	Patent : Delivery of magneticallu susceptible particle-linked reagents into cells using a halbach array	Dobson J., UK Patent GB 2452832 2009.	

Holzbach T.	Non-viral VEGF165 Gene Therapy - Magnetofection of Acoustically Active Magnetic Microspheres (Magnetobubbles) Increases Survival in a Skin flap model	Holzbach T., J Cell Mol Med. 2009; 14(3):587-99.	pubmed
Izsvak Z.	Efficient Stable Gene Transfer into Human Cells by Sleeping Beauty Transposon Vectors	Izsvak Z., Methods. 2009; 49(3):287-97.	pubmed
Park K.	Real time tracking of single magnetic lipoplex particles in living cells	Park K., J Control Release. 2009; 137(2):89.	pubmed
Plank C.	Nanomedicine: Silence the target.	Plank C., Nat Nanotechnol. 2009; 4(9):544-5.	pubmed
Plank C.	Magnetofection : The use of Magnetic Nanoparticles for Nucleic Acid Delivery	Plank C., Cold Spring Harb Protoc. 2009; 2009(6):pdb:prot5230.	pubmed
Pradhan P.	Targeted temperature sensitive magnetic liposomes for thermo-therapy	Pradhan P., J Control Release. 2009; 142(1):108-21.	pubmed
VandenDriessche T.	Emerging potential of transposons for gene therapy and generation of induced pluripotent stem cells	VandenDriessche T., Blood. 2009; 114(8):1461-8.	pubmed
Boyer C.	Anti-Fouling magnetic nanoparticles for siRNA delivery	Boyer C., J Mater Chem. 2010; 20:255-65.	
Del Pino P.	Gene Silencing Mediated by Magnetic Lipospheres Tagged with siRNA	Del Pino P., NanoLetters. 2010; 13(10):3914-21.	pubmed
Hoopman P.	Investigation of Endosomal Recycling of synaptic vesicles	Hoopman P., Thesis dissertation 2010.	
Roy I.	Nano-delivery in Airway Diseases: Challenges and Therapeutic Applications	Roy I., Nanomedicine. 2010; 6(2):237-44.	pubmed
Sapet C.	<i>In vitro</i> and <i>in vivo</i> Magnetofection : a move towards gene therapy	Sapet C., Ann Biol Clin (Paris). 2010; 68(2):133-42.	pubmed
Xiang SD.	Delivery of DNA vaccines: an overview on the use of biodegradable polymeric and magnetic nanoparticles	Xiang SD., Nanomed Nanobiotechnol. 2010; 2(3):205-18.	pubmed
Cho SG.	Application of Magnet-based Nanofection in Embryonic Stem Cell Research	Cho SG., Methodological Advances in the Culture 2011.	
Laurent N.	Nucleic acid delivery using magnetic nanoparticles : the Magnetofection technology	Laurent N., Therapeutic Delivery . 2011; 2(4):471-82.	
Namiki Y	Magnetic Nanostructures for Biomedical Applications: An Iron Nitride Crystal/Cationic Lipid Nanocomposite for Enhanced Magnetically Guided RNA Interference in Cancer Cells	nanocrystal, intech june 2011, ISBN: 978-953-307-199-2	
Lo CP.	Magnetic Attraction - Comment on Biotechniques article	Lo CP., Biotechniques. 2011; 50(3):141	pubmed
Plank C.	Magnetofection™ platform: from magnetic nanoparticles to novel nucleic acid therapeutics	Plank C., Ther Deliv. 2011; 2(6):717-726	
Lee MY.	Method of nucleic acid delivery into three-dimensional cell culture arrays	Patent – US 2011/0190162 A1 - 2011	
Plank C.	Magnetically enhanced nucleic acid delivery. Ten years of magnetofection-Progress and prospects	Plank C., Adv Drug Deliv Rev. 2011 Aug 26. [Epub ahead of print]	pubmed