

**Magnetofection™:**  
**PolyMag & CombiMag reagents**  
**List of successfully transfected cells**

Cell Lines		Source	PolyMag	CombiMag	%
16HBE14o	Airway Epithelium	Human	✓	✓	ND
181RDB	Pancreatic Cells	Human	n.d.	✓ <sup>1,3</sup>	ND
143B	Osteosarcoma	Human	n.d.	✓ <sup>3</sup>	ND
293, A293, HEK-293, 293-T, -EBNA	Transformed embryonic Kidney	Human	✓	✓	85-90
3T6	Embryonic Fibroblast	Mouse	✓	✓	50-60
A431	Epidermal Carcinoma	Human	n.d.	✓ <sup>3</sup>	40-50
A549	Non-small cell lung carcinoma	Human	n.d.	✓ <sup>2,3</sup>	40-65
AM-C6SC8	Kidney	Porcine	n.d.	✓ <sup>3</sup>	ND
AR42J	Epithelial	Rat	✓	n.d.	ND
β-TC	Pancreatic Islet β cells	Mouse	✓	n.d.	ND
B16F10	Melanoma	Mouse	✓	✓	50-60
B16F10.9	Melanoma	Mouse	✓	✓	50-60
BEAS-2B	Bronchial Epithelial Cells	Human	✓	✓ <sup>3</sup>	45-60
BHK-21	Kidney	Hamster	✓	✓	75-80
BIU-87	Bladder cancer	Human	✓	n.d.	45-50
BTK-143	Osteosarcoma	Human	n.d.	✓ <sup>3</sup>	ND
C2C12	Myoblast	Mouse	n.d.	✓ <sup>3</sup>	ND
C6	Glioma	Rat	✓	✓ <sup>3</sup>	ND
CALU 3	Lung Adenocarcinoma (epithelial)	Human	✓	✓ <sup>3</sup>	ND
CHO	Epithelial-like (Ovary)	Hamster	✓	✓	85-90
CHO-K1	Epithelial-like (Ovary)	Hamster	✓	✓	85-90
CL7.1	Fibroblast	Mouse	✓	✓ <sup>3</sup>	20-25
Colo-205	Colon adenocarcinoma	Human	n.d.	✓ <sup>3</sup>	ND
COS-1	Fibroblast (Kidney)	Green Monkey	✓	✓	80-90
COS-7	Fibroblast (Kidney)	Green Monkey	✓	✓	80-90
CRFK	Kidney	Feline	n.d.	✓ <sup>3</sup>	ND
CT-26	Colon Carcinoma	Mouse	✓	✓ <sup>2,3</sup>	45-55
CV-1	Fibroblast-like (Kidney)	Monkey	✓	✓	ND
DU-145	Prostate	Human	n.d.	✓ <sup>3</sup>	ND
ECV-304	Uroepithelium	Human	n.d.	✓ <sup>3</sup>	ND
EJ28	Bladder carcinoma	Human	✓	n.d.	ND
F9	Embryonal teratocarcinoma	Mouse	✓	n.d.	ND
FaDu	Head-&-neck squamous carcinoma	Human	✓	n.d.	60-80
H4IIE	Hepatoma	Rat	n.d.	✓ <sup>3</sup>	ND
HaCaT	Immortalized Keratinocytes	Human	n.d.	✓	45-50
HBL-100	Transformed Breast	Human	n.d.	✓ <sup>3</sup>	ND
HCT-116	Colon adenocarcinoma	Human	n.d.	✓ <sup>3</sup>	ND
HCT-15	Colon adenocarcinoma	Human	n.d.	✓ <sup>3</sup>	ND
HeLa	Cervical Epithelial Carcinoma	Human	✓	✓ <sup>2,3</sup>	50-60

<b>Hep2</b>	<b>Laryngeal Epithelium</b>	<b>Human</b>	<b>✓</b>	<b>✓<sup>2,3</sup></b>	<b>60</b>
<b>Hep 3B</b>	<b>Liver Carcinoma</b>	<b>Human</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>HepG2</b>	<b>Hepatoma</b>	<b>Human</b>	<b>✓</b>	<b>✓</b>	<b>ND</b>
<b>HFF</b>	<b>Foreskin Fibroblast</b>	<b>Human</b>	<b>✓</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>hOSE</b>	<b>Ovarian epithelium</b>	<b>Human</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>45-50</b>
<b>HSG</b>	<b>Salivary gland epithelium</b>	<b>Human</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>HT1080</b>	<b>Fibrosarcoma</b>	<b>Human</b>	<b>✓</b>	<b>✓<sup>2,3</sup></b>	<b>65-75</b>
<b>HT-22</b>	<b>Hippocampus</b>	<b>Mouse</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>50-70</b>
<b>HT-29</b>	<b>Colon carcinoma</b>	<b>Human</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>HUVEC</b>	<b>Endothelial Cells (primary)</b>	<b>Human</b>	<b>✓</b>	<b>✓<sup>2,3</sup></b>	<b>50 / DNA 90 / ODN</b>
<b>Jurkat *</b>	<b>Acute-T cell lymphoma</b>	<b>Human</b>	<b>n.d.</b>	<b>✓<sup>2,3</sup></b>	<b>ND</b>
<b>K-562 *</b>	<b>Myelogenous Leukemia</b>	<b>Human</b>	<b>n.d.</b>	<b>✓</b>	<b>ND</b>
<b>KC</b>	<b>Embryonic</b>	<b>Drosophila</b>	<b>✓</b>	<b>n.d.</b>	<b>ND</b>
<b>L6</b>	<b>Muscle cells</b>	<b>Rat</b>	<b>✓</b>	<b>n.d.</b>	<b>ND</b>
<b>L929</b>	<b>Fibrosarcoma</b>	<b>Mouse</b>	<b>✓</b>	<b>✓</b>	<b>30-45</b>
<b>LNCaP</b>	<b>Prostate Carcinoma</b>	<b>Human</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>LoVo</b>	<b>Colon adenocarcinoma</b>	<b>Human</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>LS174T</b>	<b>Colon adenocarcinoma</b>	<b>Human</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>MEF</b>	<b>Embryonic fibroblast</b>	<b>Mouse</b>	<b>✓</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>MCF-7</b>	<b>Breast Adenocarcinoma</b>	<b>Human</b>	<b>✓</b>	<b>✓</b>	<b>40-50</b>
<b>MDCK</b>	<b>Normal -Kidney</b>	<b>Canine</b>	<b>✓</b>	<b>✓</b>	<b>20-25</b>
<b>MeWo</b>	<b>Melanoma</b>	<b>Human</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>mICc12</b>	<b>Intestine</b>	<b>Mouse</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>MRC5</b>	<b>Lung embryonic</b>	<b>Human</b>	<b>✓</b>	<b>✓</b>	<b>ND</b>
<b>N2A</b>	<b>Neuroblastoma</b>	<b>Mouse</b>	<b>✓</b>	<b>✓<sup>2,3</sup></b>	<b>65-80</b>
<b>NCI-H82</b>	<b>Small cell lung carcinoma</b>	<b>Human</b>	<b>✓</b>	<b>n.d.</b>	<b>ND</b>
<b>NIH3T3</b>	<b>Fibroblasts</b>	<b>Mouse</b>	<b>✓</b>	<b>✓<sup>2,3</sup></b>	<b>60-75</b>
<b>NG108-15</b>	<b>Neuroblastoma - glioma fusion</b>	<b>Mouse-Rat</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>NS20Y</b>	<b>Neuroblastoma</b>	<b>Mouse</b>	<b>✓</b>	<b>✓<sup>3</sup></b>	<b>70-80</b>
<b>OK, OK/NHE1</b>	<b>Kidney</b>	<b>Opossum</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>P815 *</b>	<b>Mastocytoma</b>	<b>Mouse</b>	<b>n.d.</b>	<b>✓<sup>2,3</sup></b>	<b>ND</b>
<b>PC-12</b>	<b>Pheochromocytoma (adrenal)</b>	<b>Rat</b>	<b>✓</b>	<b>✓</b>	<b>ND</b>
<b>PC3</b>	<b>Prostate carcinoma</b>	<b>Human</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>PT-11</b>	<b>Kidney Fibroblast</b>	<b>Bovine</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>RAW</b>	<b>Macrophage (Monocytes)</b>	<b>Mouse</b>	<b>n.d.</b>	<b>✓<sup>2</sup></b>	<b>30</b>
<b>Rcho-1</b>	<b>Giant trophoblasts</b>	<b>Mouse</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>SaOS</b>	<b>Osteosarcoma</b>	<b>Human</b>	<b>n.d.</b>	<b>✓<sup>1,3</sup></b>	<b>ND</b>
<b>SH-SY5Y</b>	<b>Neuroblastoma</b>	<b>Human</b>	<b>✓</b>	<b>✓<sup>2,3</sup></b>	<b>ND</b>
<b>SK-MEL-28</b>	<b>Melanoma</b>	<b>Human</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>SK-MES-1</b>	<b>Lung squamous carcinoma</b>	<b>Human</b>	<b>✓</b>	<b>n.d.</b>	<b>ND</b>
<b>SKOV-3</b>	<b>Ovarian carcinoma</b>	<b>Human</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>SM10</b>	<b>Placenta</b>	<b>Mouse</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>SW-480</b>	<b>Colon adenocarcinoma</b>	<b>Human</b>	<b>n.d.</b>	<b>✓<sup>2,3</sup></b>	<b>ND</b>
<b>STC1</b>	<b>Intestinal endocrine</b>	<b>Mouse</b>	<b>n.d.</b>	<b>n.d.</b>	<b>ND</b>

<b>THP-1 *</b>	<b>Myelomonocytic</b>	<b>Human</b>	<b>n.d.</b>	<b>✓<sup>2,3</sup></b>	<b>ND</b>
<b>tsA201</b>	<b>Embryonic kidney</b>	<b>Human</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>U87</b>	<b>Glioma</b>	<b>Human</b>	<b>✓</b>	<b>✓<sup>3</sup></b>	<b>20-25</b>
<b>U937 *</b>	<b>Histiocytic Lymphoma</b>	<b>Human</b>	<b>✓</b>	<b>✓</b>	<b>ND</b>
<b>V79</b>	<b>Lung Fibroblasts</b>	<b>Hamster</b>	<b>✓</b>	<b>n.d.</b>	<b>ND</b>
<b>Vero</b>	<b>Kidney</b>	<b>Green Monkey</b>	<b>✓</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>VSa13 &amp; VSa16</b>	<b>Bone-derived</b>	<b>Fish (Sparus aurata)</b>	<b>✓</b>	<b>✓<sup>2</sup></b>	<b>ND</b>

<b>Primary Cells</b>	<b>Source</b>	<b>PolyMag</b>	<b>CombiMag</b>	<b>%</b>
<b>Airway Epithelium</b>	<b>Porcine, Human</b>	<b>n.d.</b>	<b>✓</b>	<b>ND</b>
<b>Primary Aortic Endothelial Cells (PAEC)</b>	<b>Human, Bovine</b>	<b>✓</b>	<b>✓<sup>2</sup></b>	<b>40-75</b>
<b>Carotid Artery Smooth Muscle Cells</b>	<b>Bovine</b>	<b>✓</b>	<b>n.d.</b>	<b>ND</b>
<b>Chondrocytes</b>	<b>Pig</b>	<b>✓</b>	<b>✓<sup>2</sup></b>	<b>65-80</b>
<b>Chromaffin Cells</b>	<b>Bovine</b>	<b>n.d.</b>	<b>✓</b>	<b>ND</b>
<b>Cytotrophoblastic cells</b>		<b>n.d.</b>	<b>✓</b>	<b>ND</b>
<b>Dendritic</b>	<b>Human</b>	<b>✓</b>	<b>n.d.</b>	<b>ND</b>
<b>Embryonic Fibroblasts (MEF)</b>	<b>Mouse</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>Epicardial mesothelial cells</b>	<b>Rat</b>	<b>n.d.</b>	<b>✓</b>	<b>ND</b>
<b>Diploid Fibroblasts (HDF)</b>	<b>Human</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>Fibroblast</b>	<b>Human</b>	<b>n.d.</b>	<b>✓</b>	<b>ND</b>
<b>Fibrochondrocytes</b>	<b>Pig</b>	<b>✓</b>	<b>✓<sup>2</sup></b>	<b>ND</b>
<b>Gastric Gland Cells</b>	<b>Human</b>	<b>✓</b>	<b>✓</b>	<b>ND</b>
<b>Glial</b>	<b>Human, Rat, Mouse</b>	<b>✓</b>	<b>✓</b>	<b>ND</b>
<b>Hepatocytes</b>	<b>Rat</b>	<b>n.d.</b>	<b>✓<sup>3</sup></b>	<b>ND</b>
<b>Hippocampal neurons</b>	<b>Mouse, Rat</b>	<b>✓</b>	<b>✓<sup>2,3</sup></b>	<b>10-15</b>
<b>HUVEC Endothelial Cells (primary)</b>	<b>Human</b>	<b>✓</b>	<b>✓<sup>2,3</sup></b>	<b>50 / DNA 90 / ODN</b>
<b>Keratinocytes</b>	<b>Human, Mouse</b>	<b>n.d.</b>	<b>✓</b>	<b>ND</b>
<b>Mammal Epithelium (HMEC)</b>	<b>Human</b>	<b>n.d.</b>	<b>✓</b>	<b>ND</b>
<b>Nasal Airway Epithelium</b>	<b>Human</b>	<b>✓</b>	<b>✓</b>	<b>ND</b>
<b>Neurons</b>	<b>Mouse, Rat</b>	<b>✓</b>	<b>✓<sup>2,3</sup></b>	<b>ND</b>
<b>Peripheral Blood Lymphocytes</b>	<b>Human, Mouse</b>	<b>n.d.</b>	<b>✓<sup>1</sup></b>	<b>ND</b>
<b>Smooth muscle (SMC)</b>	<b>Porcine</b>	<b>n.d.</b>	<b>✓<sup>2,3</sup></b>	<b>ND</b>
<b>Stroma – Endotrium</b>	<b>Human</b>	<b>✓</b>	<b>n.d.</b>	<b>ND</b>
<b>Trophoblastic Cells</b>	<b>Human</b>	<b>n.d.</b>	<b>✓</b>	<b>ND</b>

\* Suspension Cells

<sup>1</sup> Corresponds to successfully transfected in combination with adenovirus

<sup>2</sup> Corresponds to successfully transfected by CombiMag in association with other commercial transfection reagent

<sup>3</sup> Corresponds to successfully transfected by CombiMag in association with DreamFect™