

Cell Type	Source	Genlantis Reagent	Citation
Myeloid Cells	Mouse	GenePORTER Transfection Reagent	Throm, S.L. and Klemsz, M.J. (2003) PU.1 regulates glutathione peroxidase expression in neutrophils. <i>J. Leukoc. Biol.</i> 74: 111 - 117.
Embryonic Fibroblast	Mouse	GenePORTER Transfection Reagent	Singh, R.A.K., Wu, L. and Barry, M.A. (2002) Generation of Genome-Wide CD8 T Cell Responses in HLA-A*0201 Transgenic Mice by an HIV-1 Ubiquitin Expression Library Immunization Vaccine. <i>J. Immunol.</i> 168: 379.
Carcinoma	Rat	GenePORTER Reagent	Baumann, P., Cremers, N., Kroese, F., Orend, G., Chiquet-Ehrismann, R., Uede, T., Yagita, H. and Sleeman, J.P. (2006) CD24 Expression Causes the Acquisition of Multiple Cellular Properties Associated with Tumor Growth and Metastasis. <i>Cancer Res</i> 65: (23) 10783-10793.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Applequist, S.E., Rollman, E., Wareing, M.D., Liden, M., Rozell, B., Hinkula, J. and Ljunggren, H-G. (2005) Activation of Innate Immunity, Inflammation, and Potentiation of DNA Vaccination through Mammalian Expression of the TLR5 Agonist Flagellin. <i>J. Immunol.</i> 175(6): p. 3882-3891.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Zhou, H., Yu, K., McCoy, K.L. and Lee, A. (2005) Molecular mechanism for divergent regulation of Cav1.2 Ca <sup>2+</sup> channels by calmodulin and Ca <sup>2+</sup> -binding protein 1. <i>J. Biol. Chem.</i> 280: 29612 - 29619.
Embryonic Kidney	Human	GenePORTER Reagent	Tippens, A.L. and Lee, A. (2007) Caldendrin: a neuron-specific modulator of CAV1.2 (L-type) Ca <sup>2+</sup> channels. <i>J. Biol. Chem.</i> 282 (11): 8464-8473.
Embryonic Kidney	Human	GenePORTER Reagent	Varfolomeev, E., Wayson, S.M., Dixit, V.M., Fairbrother, W.J. and Vucic, D. (2006) The Inhibitor of Apoptosis Protein Fusion c-IAP2-MALT1 Stimulates NFκB Activation Independently of TRAF1 AND TRAF2. <i>J. Biol. Chem.</i> 281(39): 29022-29029.
Embryonic Kidney	Human	GenePORTER Reagent	Brindley, M.A., Zhang, B., Montelaro, R.C. and Maury, W. (2008) An equine infectious anemia virus variant superinfects cells through novel receptor interactions. <i>J. Virol.</i> 82 (19) 9425-9432.
Myeloid	Mouse	GenePORTER Transfection Reagent	Williamson, E. A., Williamson, I.K., Chumakov, A.M., Friedman, A.D. and Koeffler, H.P. (2005) CCAAT/enhancer binding protein ε: changes in function upon phosphorylation by p38 MAP kinase. <i>Blood.</i> 105(10): p. 3841-3847.
Embryo	Swiss Mouse	GenePORTER 2 Transfection Reagent	Sekimoto, H., Eipper-Mains, J., Pond-Tor, S. and Boney, C.M. (2005) αvβ3 Integrins and Pyk2 Mediate Insulin-Like Growth Factor I Activation of Src and Mitogen-Activated Protein Kinase in 3T3-L1 Cells. <i>Mol. Endocrinol.</i> 19: 1859 - 1867.
Embryo	Swiss Mouse	GenePORTER Transfection Reagent	Huang, Y., Kim, S-O, Jiang, J. and Frank, S.J. (2003) Growth Hormone-induced Phosphorylation of Epidermal Growth Factor (EGF) Receptor in 3T3-F442A Cells: Modulation of EGF-Induced Trafficking and Signaling. <i>J. Biol. Chem.</i> 278: 18902 - 18913.
Embryo	Swiss Mouse	GenePORTER Transfection Reagent	Gubitz, A.K., Mourelatos, Z., Abel, L., Rappsilber, J., Mann, M., and Dreyfuss, G. (2002) Gemin5, a Novel WD Repeat Protein Component of the SMN Complex That Binds Sm Proteins. <i>J. Biol. Chem.</i> 277: 5631 - 5636.
Embryo	Swiss Mouse	GenePORTER Transfection Reagent	Calkhoven, C.F., Muller, and C., Leutz, A. (2000) Translational Control of C/EBPα and C/EBPβ Isoform Expression. <i>Genes &amp; Dev.</i> 14: 1920-1932.
Embryo	Swiss Mouse	GenePORTER Transfection Reagent	Shen, P., Liu, M.H., Ng, T. Y., Chan, Y. H. and Yong, E. L. (2006) Differential Effects of Isoflavones, from Astragalus Membranaceus and Pueraria Thomsonii, on the Activation of PPARα, PPARγ, and Adipocyte Differentiation in vitro. <i>J. Nutr.</i> 136(4): p. 899-905.
Breast Cancer	Human	GenePORTER Transfection Reagent	Chatterjee, D., Bai, Y., Wang, Z., Beach, S., Mott, S., Roy, R., Braastad, C., Sun, Y., Mukhopadhyay, A., Aggarwal, B.B., Darnowski, J., Pantazis, P., Wyche, J., Fu, Z., Kitagwa, Y., Keller, E.T., Sedivy, J.M., and Yeung, K.C. (2004) RKIP sensitizes prostate and breast cancer cells to drug-induced apoptosis. <i>J. Biol. Chem.</i> 279(17): p. 17515-17523.
B Cell Lymphoma	Mouse	GenePORTER Transfection Reagent	Hormas Ghadially, Xiao-Lan Ross, Claudia Kerst, Jun Dong, Angelika B. Reske-Kunz, and Ralf Ross (2005) Differential Regulation of CCL22 Gene Expression in Murine Dendritic Cells and B Cells. <i>J. Immunol.</i> 174(9): p. 5620-5629
Melanoma	Human	GenePORTER Transfection Reagent	Tower G.B., Coon, C., Belguise, K., Chalbos D. and Brinckerhoff, C.E. (2003) Fra-1 targets the AP-1 site/2G single nucleotide polymorphism (ETS site) in the MMP-1 promoter. <i>Eur. J. Biochem.</i> 270: 4216-4225.
Ovarian Carcinoma	Human	GenePORTER Transfection Reagent	Pan, Z-Z, Bruening, W., Giasson, B.I., Lee, V.M.Y. and Godwin, A.K. (2002) γ-Synuclein promotes cancer cell survival and inhibits stress- and chemotherapeutic drug-induced apoptosis by modulating MAPK pathways. <i>J. Biol. Chem</i> 277: 35050-35060.
Renal Cell Carcinoma	Human	GenePORTER Transfection Reagent	Angelo, L.S., Talpaz, M., and Kurzrock, R. (2002) Autocrine Interleukin-6 Production in Renal Cell Carcinoma: Evidence for the Involvement of p53. <i>Cancer Res.</i> 62: 932.
Lung Carcinoma	Human	GenePORTER 2 Transfection Reagent	Alcorn, M.J., Booth, J.L., Coggeshall, K.M., Metcalf, J.P. (2001) Adenovirus Type 7 Induces Interleukin-8 Production via Activation of Extracellular Regulated Kinase 1/2. <i>J. Virology</i> 75: 6450-59.
Lung Carcinoma	Human	GenePORTER Transfection Reagent	Wu, M., Kelley, M.R., Hansen, W.K., Martin II, W.J. (2001) Reduction of BCNU Toxicity to Lung Cells by High-Level Expression of O6-methylguanine-DNA methyltransferase. <i>AJP Lung Cell Phys</i> 280: L755-L761.
Lung Carcinoma	Human	GenePORTER Transfection Reagent	Park, S-Y, Seol, J-W, Lee, Y-J, Cho, J-H, Kang, H-S, Kim, I-S, Park, S-H, Kim, T-H, Yim, J.H., Kim, M., Billiar, T.R., Seol, D-W (2004) IFN-γ enhances TRAIL-induced apoptosis through IRF-1. <i>Eur. J. Biochem</i> 271 (21): p. 4222-4228.
Lung Carcinoma	Human	GenePORTER Transfection Reagent	Das, K.C., (2001) c-Jun NH2-terminal Kinase-mediated Redox-dependent Degradation of Iβ. Role of Thioredoxin in NFκB Activation. <i>J. Biol. Chem.</i> 276: 4662-4670.
Lung Carcinoma	Human	GenePORTER Reagent	Zhou, J., Oakley, R.H. and Cidlowski, J.A. (2008) DAX-1 (Dosage-Sensitive Sex Reversal-Adrenal Hypoplasia Congenita Critical Region on the X-Chromosome, Gene 1) Selectively Inhibits Transactivation But Not Transrepression Mediated by the Glucocorticoid Receptor in a LXXLL-Dependent Manner. <i>Mol. Endocrinol.</i> 22 (7): 1521-1534
Vascular Smooth Muscle Cells	Rat	GenePORTER Transfection Reagent	Wang, S-X., Elder, P.K., Zheng, Y., Strauch, A.R. and Kelm, Jr., R.J. (2005) Cell Cycle-mediated Regulation of Smooth Muscle α-Actin Gene Transcription in Fibroblasts and Vascular Smooth Muscle Cells Involves Multiple Adenovirus E1A-interacting Cofactors. <i>J. Biol. Chem.</i> 280(7): p. 6204-6214.
Embryonic Fibroblast (Heart)	Rat	GenePORTER Transfection Reagent	Kelm, Jr., R.J., Wang, S-X., Polikandriotis, J.A., and Strauch, A.R. (2003) Structure/Function Analysis of Mouse Purβ, a Single-stranded DNA-binding Repressor of Vascular Smooth Muscle α-Actin Gene Transcription. <i>J. Biol. Chem.</i> 278: 38749-38757.
Embryonic Fibroblast (Heart)	Rat	GenePORTER Transfection Reagent	Carlini, L.E., Getz, M.J., Strauch, A.R., and Kelm Jr, R.J. (2002) Cryptic MCAT enhancer regulation in fibroblasts and smooth muscle cells: Suppression of TEF-1 mediated activation by the single-stranded DNA-binding proteins, Pura, Purβ, and MSY1. <i>J. Biol. Chem</i> 277: 8682 - 8692..

Cell Type	Source	Genlantis Reagent	Citation
Vascular Smooth Muscle	Rat	GenePORTER Transfection Reagent	Knapp, A.M., Ramsey, J.E., Wang, S-X., Godburn, K.E., Strauch, A.R., and Kelm Jr., R.J., (2006) Nucleoprotein Interactions Governing Cell Type-dependent Repression of the Mouse Smooth Muscle $\alpha$ Actin Promoter by Single-stranded DNA-binding Proteins Pura and Purbeta. <i>J. Biol. Chem.</i> 281(12): 7907-7918.
Embryonic Kidney	Human	GenePORTER 2 Reagent	Zhong, M., Murtazina, D.A., Phillips, J., Ku, C-Y and Sanborn, B.M. (2008) Multiple Signals Regulate Phospholipase CBeta3 in Human Myometrial Cells. <i>Biol. Reprod.</i> 78: 1007 - 1017
Fibroblast	Mouse	GenePORTER Transfection Reagent	Wang, S-X., Elder, P.K., Zheng, Y., Strauch, A.R. and Kelm, Jr., R.J. (2005) Cell Cycle-mediated Regulation of Smooth Muscle $\alpha$ -Actin Gene Transcription in Fibroblasts and Vascular Smooth Muscle Cells Involves Multiple Adenovirus E1A-interacting Cofactors. <i>J. Biol. Chem.</i> 280(7): p. 6204-6214.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Knapp, A.M., Ramsey, J.E., Wang, S-X., Godburn, K.E., Strauch, A.R., and Kelm Jr., R.J., (2006) Nucleoprotein Interactions Governing Cell Type-dependent Repression of the Mouse Smooth Muscle $\alpha$ Actin Promoter by Single-stranded DNA-binding Proteins Pura and Purbeta. <i>J. Biol. Chem.</i> 281(12): 7907-7918.
Gonadotrope	Mouse	GenePORTER Reagent	Ciccione, N.A., Lacza, C.T., Hou, M.Y., Gregory, S.J., Kam, K-Y, Xu, S. and Kaiser, U.B. (2008) A Composite Element that Binds Basic Helix Loop Helix and Basic Leucine Zipper Transcription Factors Is Important for GnRH Regulation of the FSH $\beta$ Gene. <i>Mol. Endocrinol.</i> 10.1210/me.2007-0455.
Pituitary	Mouse	GenePORTER 2 Reagent	Feng, J., Lawson, M.A. and Melamed, P. (2008) A Proteomic Comparison of Immature and Mature Gonadotrophs in Mice Reveals Novel Differentially Expressed Nuclear Proteins That Regulate Gonadotropin Gene Transcription and RNA Splicing. <i>Biol. Reprod</i> 79(3): 546-61
Pituitary	Mouse	GenePORTER Transfection Reagent	Manjithaya, R.R. and Dighe, R.R. (2004) The 3' Untranslated Region of Bovine Follicle-Stimulating Hormone {beta} Messenger RNA Downregulates Reporter Expression: Involvement of AU-Rich Elements and Transfactors. <i>Biol. Reprod.</i> 71(4): 1158-1166.
Pituitary	Mouse	GenePORTER Transfection Reagent	Kam, K-Y., Jeong, K-H., Norwitz, E.R., Jorgensen, E.M. and Kaiser, U.B. (2005) Oct-1 and NF-Y Bind to the SURG-1 Element to Direct Basal and GnRH-Stimulated Mouse GnRH Receptor Gene Transcription. <i>Mol. Endocrinol.</i> 19: 148-162.
gonadotrope	Mouse	GenePORTER Reagent	Lim, S., Luo, M., Koh, M., Yang, M., Kadir, M.N.b.A., Tan, J.H., Ye, Z., Wang, W. and Melamed, P. (2007) Distinct mechanisms involving diverse histone deacetylases repress expression of the two gonadotropin $\beta$ -subunit genes in immature gonadotropes, and their actions are overcome by GnRH. <i>Mol. Cell. Biol.</i> 27(11): p. 4105-4120.
Eosinophil	Human	GenePORTER Transfection Reagent	Qin, Y., Camoretti-Mercado, B., Blokh, L., Long, C.G., Ko, F.D., and Hamann, K.J. (2002) Fas Resistance of Leukemic Eosinophils Is Due to Activation of NF- $\kappa$ B by Fas Ligation. <i>J. Immunol.</i> 169: 3536 - 3544.
Prostate Cancer	Human	GenePORTER Reagent	Wang, R., Xu, J., Mabeesh, N., Zhu, G., Zhou, J., Amin, M., He, D., Marshall, FF, Zhau, H.E. and Chung, L.W. (2007) PrLz Is Expressed in Normal Prostate Development and in Human Prostate Cancer Progression. <i>Clin Cancer Res</i> 15 13(20): 6040.
Neuroblastoma	Rat	GenePORTER 2 Transfection Reagent	Kim, J.W., Lee, J.E., Kim, M.J., Cho, E-G., Cho, S-G., and Choi, E-J. (2003) Glycogen Synthase Kinase 3 Is a Natural Activator of Mitogen-activated Protein Kinase/Extracellular Signal-regulated Kinase Kinase Kinase 1 (MEKK1). <i>J. Biol. Chem.</i> 278: 13995 - 14001.
Melanoma	Murine	GenePORTER Reagent	Cairns, T.M., Friedman, L.S., Lou, H., Whitbeck, J.C., Shaner, M.S., Cohen, G.H. and Eisenberg, R.J., (2007) N-terminal mutants of HSV-2 gH are transported without gL but require gL for function. <i>J. Virol.</i> 81(10): 5102-5111.
Melanoma	Mouse	GenePORTER Transfection Reagent	Connolly, S.A., Landsburg, D.J., Carfi, A., Wiley, D.C., Cohen, G.H. and Eisenberg, R.J. (2003) Structure-Based Mutagenesis of Herpes Simplex Virus Glycoprotein D Defines Three Critical Regions at the gD-HveA/HVEM Binding Interface. <i>J. Virol.</i> 77: 8127 - 8140.
Melanoma	Mouse	GenePORTER Transfection Reagent	Connolly, S.A., Landsburg, D.J., Carfi, A., Wiley, D.C., Eisenberg, R.J., and Cohen, G.H., (2002) Structure-Based Analysis of the Herpes Simplex Virus Glycoprotein D Binding Site Present on Herpesvirus Entry Mediator HveA (HVEM). <i>J. Virol.</i> 76: 10894 - 10904.
Melanoma	Mouse	GenePORTER Transfection Reagent	Krummenacher, C., Baribaud, I., Eisenberg, R.J. and Cohen, G.H. (2003) Cellular Localization of Nectin-1 and Glycoprotein D during Herpes Simplex Virus Infection. <i>J. Virol.</i> 77: 8985 - 8999.
Aortic Endothelium	Cow	GenePORTER Transfection Reagent	Synnestvedt, K., Furuta, G.T., Comerford, K.M., Louis, N., Karhausen, J., Eltzschig, H.K., Hansen, K.R., Thompson, L.F., and Colgan, S.P. (2002) Ecto-5'-nucleotidase (CD73) regulation by hypoxia-inducible factor-1 mediates permeability changes in intestinal epithelia. <i>J. Clin. Invest.</i> 110: 993.
Aortic Endothelium	Cow	GenePORTER Transfection Reagent	Li, S., Butler, P., Wang, Y., Hu, Y., Han, D.C., Usami, S., Guan, J-L and Chien, S. (2002) The role of the dynamics of focal adhesion kinase in the mechanotaxis of endothelial cells. <i>Proc. Natl. Acad. Sci.</i> 99: 3546-3551.
Aortic Endothelium	Cow	GenePORTER Transfection Reagent	Du, X-L., Edelstein, D., Rossetti, L., Fantus, I.G., Goldberg, H., Ziyadeh, F., Wu, J., and Brownlee, M. (2000) Hyperglycemia-induced mitochondrial superoxide overproduction activates the hexosamine pathway and induces plasminogen activator inhibitor-1 expression by increasing Sp1 glycosylation. <i>Proc. Natl. Acad. Sci. USA</i> 97: 12222-12226.
Embryonic Fibroblast	Mouse	GenePORTER Transfection Reagent	Idelman, G., Glaser, T., Roberts Jr., C.T., and Werner, H. (2003) WT1-p53 Interactions in Insulin-like Growth Factor-I Receptor Gene Regulation. <i>J. Biol. Chem.</i> 278: 3474 - 3482.
Body Cavity-Based Lymphoma	Human	GenePORTER 2 Transfection Reagent	Bowser, B.S., DeWine, S.M., and Damanian, B. (2002) Transcriptional Regulation of the K1 Gene Product of Kaposi's Sarcoma-Associated Herpesvirus. <i>J. Virol.</i> 76: 12574 - 12583.
B Cell Lymphoma	Mouse	GenePORTER Transfection Reagent	Cragg, M.S., Morgan, S.M., Chan, H. T.C., Morgan, B.P., Filatov, A. V., Johnson, P.W.M., French, R.R. and Glennie, M.J. (2003) Complement-mediated lysis by anti-CD20 mAb correlates with segregation into lipid rafts. <i>Blood</i> 101: 1045 - 1052.
B Lymphoma	Human	GenePORTER Transfection Reagent	Chatterjee, M., Osbourne, J., Bestetti, G., Chang, Y., Moore, P.S.. (2002) Viral IL-6-Induced Cell Proliferation and Immune Evasion of Interferon Activity. <i>Science</i> 298: 1432-1435.
Epithelial Choriocarcinoma	Human	GenePORTER Transfection Reagent	Yu, C., Shen, K., Lin, M., Chen, P., Lin, C., Chang, G-D and Chen, H. (2002) GCMa Regulates the Syncytin-mediated Trophoblastic Fusion. <i>J. Biol. Chem.</i> 277: 50062 - 50068.
Kidney Fibroblast	Hamster	GenePORTER Transfection Reagent	Mushunje, A., Zhou, A., Carrell, R.W. and Huntington, J.A. (2003) Heparin-induced substrate behavior of antithrombin Cambridge II. <i>Blood</i> 102: 4028-4034.
Kidney Fibroblast	Hamster	GenePORTER Transfection Reagent	Langdown, J., Johnson, D.J.D., Baglin, T.P. and Huntington, J.A. (2004) Allosteric activation of antithrombin critically depends upon hinge region extension. <i>J. Biol. Chem.</i> 279: 47288-47297.
Kidney Fibroblast	Hamster	GenePORTER Transfection Reagent	Johnson, D.J.D. and Huntington, J.A. (2004) The Influence of Hinge Region Residue Glu-381 on Antithrombin Allosteric and Metastability. <i>J. Biol. Chem.</i> 279: 4913 - 4921.

Cell Type	Source	Genlantis Reagent	Citation
Hepatoma	Mouse	GenePORTER Transfection Reagent	Minsavage, GD, Park, S-K, and Gasiewicz, TA (2004) The Aryl hydrocarbon receptor (AhR) tyrosine 9, a residue that is essential for AhR DNA binding activity, is not a phosphoresidue but augments AhR phosphorylation. <i>J. Biol. Chem</i> 279(20): p. 20582-20593.
Kidney Epithelia	Monkey (African Green)	GenePORTER Transfection Reagent	Kottgen, M., Benzing, T., Simmen, T., Tauber, R., Buchholz, B., Feliciangeli, S., Huber, T.B., Schermer, B., Kramer-Zucker, A., Hopker, K., Simmen, K.C., Tschucke, C.C., Sandford, R., Kim, E., Thomas, G. and Walz, G. (2005) Trafficking of TRPP2 by PACS proteins represents a novel mechanism of ion channel regulation. <i>EMBO J.</i> 24, 705-716.
Glioblastoma	Human	GenePORTER Transfection Reagent	Kawakami, K., Kawakami, M., Leland, P. and Puri, R.K. (2002) Internalization Property of Interleukin-4 Receptor Chain Increases Cytotoxic Effect of Interleukin-4 Receptor-targeted Cytotoxin in Cancer Cells. <i>Clin. Cancer Res.</i> 8: 258 - 266.
Glioblastoma	Human	GenePORTER Transfection Reagent	Kawakami, K., Kawakami, M., Leland, P. and Puri, R.K. (2002) Internalization Property of Interleukin-4 Receptor Chain Increases Cytotoxic Effect of Interleukin-4 Receptor-targeted Cytotoxin in Cancer Cells. <i>Clin. Cancer Res.</i> 8: 258 - 266.
Breast Cancer	Human	GenePORTER Transfection Reagent	Kawakami, K., Kawakami, M. and Puri, R.K. (2004) Specifically targeted killing of interleukin-13 (IL-13) receptor-expressing breast cancer by IL-13 fusion cytotoxin in animal model of human disease. <i>Mol. Cancer Ther.</i> 3: 137 - 147.
Breast Carcinoma	Human	GenePORTER Transfection Reagent	Sigal Gery, Sakae Tanosaki, Shikha Bose, Namrata Bose, Jay Vadgama, and H. Phillip Koeffler (2005) Down-Regulation and Growth Inhibitory Role of C/EBP $\alpha$ in Breast Cancer. <i>Clin. Cancer Res.</i> 11(9): p. 3184-3190.
Breast Carcinoma	Human	GenePORTER Transfection Reagent	Orlowski, R., Small, G. and Shi, Y. (2002) Evidence That Inhibition of p44/42 Mitogen-activated Protein Kinase Signaling Is a Factor in Proteasome Inhibitor-mediated Apoptosis. <i>J. Biol. Chem</i> 277: 27864 - 27871.
Microglial	Mouse	GenePORTER 2 Reagent	Park, J-S, Woo, M-S, Kim, D-H, Hyun, J-W, Kim, W-K, Lee, J-C and Kim, H-S (2007) Anti-inflammatory mechanisms of isoflavone metabolites in lipopolysaccharide-stimulated microglial cells. <i>J Pharmacol Exp Ther</i> 320: 1237 - 1245.
Melanoma	Mouse	GenePORTER Transfection Reagent	Hannah, B.P., Heldwein, E.E., Bender, F.C., Cohen, G.H. and Eisenberg, R.J. (2007) Mutational Evidence of Internal Fusion Loops in Herpes Simplex Virus Glycoprotein B. <i>J. Virol.</i> 2007; 81(9): p. 4858-4865.
Prostate Cancer	Human	GenePORTER Transfection Reagent	Violle, T., Krones-Herzig, A., Baron, V., de Gregorio, G., Adamson, E.D. and Mercola, D. (2003) Egr1 promotes growth and survival of prostate cancer cells: identification of novel Egr1 target genes. <i>J. Biol. Chem.</i> 278: 11802 - 11810.
Myoblast	Mouse	GenePORTER Transfection Reagent	Weins, A., Schwarz, K., Faul, C., Barisoni, L., Linke, W.A., and Mundel P. (2001) Differentiation- and stress-dependent nuclear cytoplasmic redistribution of myopodin, a novel actin-bundling protein. <i>J. Cell Biol.</i> 155: 393-404.
Myoblast	Mouse	GenePORTER Transfection Reagent	Gao, X., Chandra, T., Gratton, M-O, Quélo, I., Prud'homme, J., Stifani, S., and St-Arnaud, R. (2001) HES6 acts as a transcriptional repressor in myoblasts and can induce the myogenic differentiation program. <i>J. Cell Biol.</i> 154: 1161-1172.
Myoblast	Mouse	GenePORTER 2 Reagent	Huang, Y-F., Wang, Y. and Watford, M. (2007) Glutamine Directly Downregulates Glutamine Synthetase Protein Levels in Mouse C2C12 Skeletal Muscle Myotubes. <i>J. Nutr.</i> 2007; 137(6): 1357-1362.
Skeletal Myoblasts	Mouse	GenePORTER Reagent	Ding, Y., Choi, K.J., Kim, J.H., Han, X., Piao, Y., Jeong, J-H, Choe, W., Kang, I., Ha, J., Forman, H.J., Lee, J., Yoon, K-S and Kim, S.S. (2008) Endogenous Hydrogen Peroxide Regulates Glutathione Redox via Nuclear Factor Erythroid 2-Related Factor 2 Downstream of Phosphatidylinositol 3-Kinase during Muscle Differentiation. <i>Am. J. Pathol.</i> 172(6): 1529-1541
Ovarian Surface Epithelium	Mouse	GenePORTER Reagent	Yokoyama, Y., Xin, B., Shigetou, T., Umemoto, M., Kasai-Sakamoto, A., Futagami, M., Tsuchida, S., Al-Mulla, F. and Mizunuma, H. (2007) Clofibrate acid, a peroxisome proliferator-activated receptor $\alpha$ ligand, inhibits growth of human ovarian cancer. <i>Mol. Cancer Ther.</i> 2007; 6(4): 1379-1386.
Glioma	Rat	GenePORTER Transfection Reagent	Fournier, K.M., Gonzalez, M.I. and Robinson, M.B. (2004) Rapid Trafficking of the Neuronal Glutamate Transporter, EAAC1: Evidence for Distinct Trafficking Pathways Differentially Regulated by Protein Kinase C and Platelet-Derived Growth Factor. <i>J. Biol. Chem.</i> 279 (33): p. 34505-34513.
Glioma	Rat	GenePORTER Transfection Reagent	Kalandadze, A., Wu, Y., Fournier, K. and Robinson, M.B. (2004) Identification of Motifs Involved in Endoplasmic Reticulum Retention-Forward Trafficking of the GLT-1 Subtype of Glutamate Transporter. <i>J. Neurosci.</i> 24(22): p. 5183-5192.
Glioma	Rat	GenePORTER Transfection Reagent	Kalandadze, A., Wu, Y., and Robinson, M.B. (2002) Protein Kinase C Activation Decreases Cell Surface Expression of the GLT-1 Subtype of Glutamate Transporter. Requirement of a Carboxyl-Terminal Domain and Partial Dependence on Serine 486. <i>J. Biol. Chem.</i> 277: 45741 - 45750.
Glioma	Rat	GenePORTER Transfection Reagent	Sheldon, A.L., Gonzalez, M.I. and Robinson, M.B. (2006) A Carboxyl-terminal Determinant of the Neuronal Glutamate Transporter, EAAC1, Is Required for Platelet-derived Growth Factor-dependent Trafficking. <i>J. Biol. Chem.</i> 281(8): p. 4876-4886.
Glioma	Rat	GenePORTER Reagent	Waxman, E.A., Bacongus, I., Lynch, D.R. and Robinson, M.B. (2007) N-methyl-D-aspartate receptor-dependent regulation of the glutamate transporter excitatory amino acid carrier 1. <i>J Biol Chem</i> 282(24): p. 17594-17607.
Glioma	Rat	GenePORTER Reagent	Gonzalez, M.I., Krizman-Genda, E. and Robinson, M.B. (2007) Caveolin-1 regulates the delivery and endocytosis of the glutamate transporter, excitatory amino acid carrier 1. <i>J Biol Chem</i> 282: 29855 - 29865.
Colorectal Adenocarcinoma	Human	GenePORTER 2 Transfection Reagent	Windoffer, R., Woll, S., Strnad, P. and Leube, R.E. (2004) Identification of Novel Principles of Keratin Filament Network Turnover in Living Cells. <i>Mol. Biol. Cell</i> 15(5): p. 2436-2448
Colorectal Adenocarcinoma	Human	GenePORTER Transfection Reagent	Geiszt, M., Lekstrom, K., Witt, J. and Leto, T.L. (2003) Proteins Homologous to p47phox and p67phox Support Superoxide Production by NAD(P)H Oxidase 1 in Colon Epithelial Cells. <i>J. Biol. Chem.</i> 278: 20006 - 20012.
Colorectal Adenocarcinoma	Human	GenePORTER Reagent	Milanese, M. Segat, L., and Crovella, S. (2007) Transcriptional Effect of DEFB1 Gene 5' Untranslated Region Polymorphisms. <i>Cancer Res.</i> 2007; 67(12): p. 5997.
Adrenal Tumor	Mouse	GenePORTER Transfection Reagent	Rahman, N.A., Kiiveri, S., Rivero-Muller, A., Levallet, J., Vierre, S., Kero, J., Wilson, D.B., Heikinheimo, M. and Huhtaniemi, I. (2004) Adrenocortical tumorigenesis in transgenic mice expressing the inhibin $\alpha$ -subunit promoter/SV40 virus T-antigen transgene: Relationship between ectopic expression of luteinizing hormone receptor and transcription factor GATA-4. <i>Mol. Endocrinol.</i> 18(10): p. 2553-2569.

Cell Type	Source	Genlantis Reagent	Citation
Breast Cancer	Human	GenePORTER Transfection Reagent	Jie Han, Leslie A. Goldstein, Brian R. Gastman, Asaf Rabinovitz, and Hannah Rabinowich (2005) Disruption of Mcl-1-Bim Complex in Granzyme B-mediated Mitochondrial Apoptosis. <i>J. Biol. Chem.</i> 280(16): p. 16383-16392.
Thymus	Dog	GenePORTER Transfection Reagent	Mirzabekov, T., Bannert, N., Farzan, M., Hofmann, W., Kolchinsky, P., Wu, L., Wyatt, R., and Sodroski, J. (1999) Enhanced Expression, Native Purification, and Characterization of CCR5, a Principal HIV-1 Coreceptor. <i>J. Biol. Chem.</i> 274: 28745-28750.
Thymus	Dog	GenePORTER Transfection Reagent	Babcock, G.J., Mirzabekov, T., Wojtowicz, W., and Sodroski, J. (2001) Ligand Binding Characteristics of CXCR4 Incorporated into Paramagnetic Proteoliposomes. <i>J. Biol. Chem.</i> 276: 38433-38440.
Cystic Fibrosis tracheobronchial cells	Human	GenePORTER Transfection Reagent	Sangiulio, F., Bruscia, E., Serafino, A., Nardone, A.M., Bonifazi, E., Lais, M., Gruenert, D.C. and Novelli, G. (2002) in vitro correction of cystic fibrosis epithelial cell lines by small fragment homologous replacement (SFHR) technique. <i>BMC Medical Genetics</i> 2002 3: 8.
Tracheal Epithelium	Human	GenePORTER Transfection Reagent	Poschet, J.F., Skidmore, J., Boucher, J.C., Firoved, A.M., Van Dyke, R.W., and Deretic, V. (2002) Hyperacidification of cellubrevin endocytic compartments and defective endosomal recycling in cystic fibrosis respiratory epithelial cells. <i>J. Biol. Chem.</i> 277: 13959-13965.
Glial	Rat	GenePORTER Transfection Reagent	Wei, Q., Miskimins, W.K. and Miskimins, R. (2005) Stage-specific expression of myelin basic protein in oligodendrocytes involves NKX2.2-mediated repression that is relieved by the Sp1 transcription factor. <i>J. Biol. Chem.</i> 280: 16284 - 16294.
Glial	Rat	GenePORTER Transfection Reagent	Wei, Q., Miskimins, W.K. and Miskimins, R. (2003) The Sp1 Family of Transcription Factors Is Involved in p27Kip1-Mediated Activation of Myelin Basic Protein Gene Expression. <i>Mol. Cell. Biol.</i> 23: 4035 - 4045.
Glial	Rat	GenePORTER Transfection Reagent	Clark, Jr, R.E., Miskimins, W.K., and Miskimins, R. (2002) Phosphatidylinositol-3 kinase p85 enhances expression from the myelin basic protein promoter in oligodendrocytes. <i>J. Neurochem.</i> 83: 565 - 573.
Ovary	Chinese Hamster	GenePORTER 2 Transfection Reagent	Biassoni, R., Fogli, M., Cantoni, C., Costa, P., Conte, R., Koopman, G., Cafaro, A., Ensolì, B., Moretta, A., Moretta, L. and De Maria, A. (2005) Molecular and Functional Characterization of NKG2D, NKp80, and NKG2C (2005) Triggering NK Cell Receptors in Rhesus and Cynomolgus Macaques: Monitoring of NK Cell Function during Simian HIV Infection. <i>J. Immunol.</i> 174(9): p. 5695-5705.
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Hemming M.L. and Selkoe, D.J. (2005) Amyloid $\beta$ -Protein Is Degraded by Cellular Angiotensin-converting Enzyme (ACE) and Elevated by an ACE Inhibitor <i>J. Biol. Chem.</i> 280 (45): p. 37644-37650.
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Arboleda-Velasquez, J.F., Rampal, R., Fung, E., Darland, D.C., Liu, M., Martinez, M.C., Donahue, C.P., Navarro-Gonzalez, M.F., Libby, P., D'Amore, P.A., Aikawa, M., Haltiwanger, R.S. and Kosik, K.S. (2005) CADASIL mutations impair Notch3 glycosylation by Fringe. <i>Hum. Mol. Genet.</i> 14(12): p. 1631-1639.
Ovary	Chinese Hamster	GenePORTER Reagent	Shi, S., Ge, C., Luo, Y., Hou, X. Haltiwanger, R.S. and Stanley, P. (2007) The threonine that carries fucose, but not fucose, is required for cripto to facilitate nodal signaling. <i>J. Biol. Chem.</i> 282: 20133-20141
Ovary	Chinese Hamster	GenePORTER Reagent	Ho, S-C, Goh, S-S, Kee, IHC, Chow, PKH, Yeo, C-P, and Khoo, DHC (2007) Effects of genetic immunization of Swiss outbred mice with human thyroid stimulating hormone receptor cDNA plasmids harboring gain-of-function mutations. <i>J. Mol. Endocrinol.</i> 38(2): 277-288.
Ovary	Chinese Hamster	GenePORTER 2 Transfection Reagent	Castriconi, R., Dondero, A., Augugliaro, R., Cantoni, C., Carnemolla, B., Sementa, A.R., Negri, F., Conte, R., Corrias, M.V., Moretta, L., Moretta, A. and Bottino, C. (2004) Identification of 4Ig-B7-H3 as a neuroblastoma-associated molecule that exerts a protective role from an NK cell-mediated lysis. <i>Proc. Natl. Acad. Sci. USA.</i> 101(34): 12640-12645.
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Young, R.M., Zheng, X., Holowka, D. and Baird, B. (2005) Reconstitution of Regulated Phosphorylation of Fc( $\epsilon$ )RI by a Lipid Raft-excluded Protein-tyrosine Phosphatase. <i>J. Biol. Chem.</i> 280(2): p. 1230-1235.
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Viviano, B.L., Paine-Saunders, S., Gasiunas, N., Gallagher, J. and Saunders, S. (2004) Domain-specific Modification of Heparan Sulfate by Qsulf1 Modulates the Binding of the Bone Morphogenetic Protein Antagonist Noggin. <i>J. Biol. Chem.</i> 279: 5604 - 5611.
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Slepnev, V., Ochoa, G.-C., Butler, M., De Camilli, P. (2000) Tandem Arrangement of the Clathrin and AP-2 Binding Domains in Amphiphysin 1 and Disruption of Clathrin Coat Function by Amphiphysin Fragments Comprising These Sites. <i>J. Biol. Chem.</i> 275: 17583-17589.
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Paine-Saunders, S., Viviano, B.L., Economides, A.N., and Saunders, S., (2002) Heparan Sulfate Proteoglycans Retain Noggin at the Cell Surface. A Potential Mechanism for Shaping Bone Morphogenetic Protein Gradients. <i>J. Biol. Chem.</i> 277: 2089 - 2096.
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Kolln, J., Spillner, E., Andra, J., Klensang, K. and Bredehorst, R. (2004) Complement Inactivation by Recombinant Human C3 Derivatives. <i>J. Immunol.</i> 173 (9): 5540-5545.
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Kawakami, K., Taguchi, J., Murata, T., Puri, R. (2001) The interleukin-13 receptor $\alpha$ 2 chain: an essential component for binding and internalization but not for interleukin-13-induced signal transduction through the STAT6 pathway. <i>Blood</i> 97: 2673-2679.
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Kawakami, K., Kawakami, M., Leland, P., and Puri, R.K., (2002) Internalization Property of Interleukin-4 Receptor Chain Increases Cytotoxic Effect of Interleukin-4 Receptor-targeted Cytotoxin in Cancer Cells. <i>Clin. Cancer Res.</i> 8: 258 - 266.
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Higo-Moriguchi, K., Akahori, Y., Iba, Y., Kurosawa, Y. and Taniguchi, K. (2004) Isolation of Human Monoclonal Antibodies That Neutralize Human Rotavirus. <i>J. Virol.</i> 78: 3325 - 3332.
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Feng, Y-H., Sun, Y. and Douglas, J.G. (2002) G $\beta\gamma$ -independent constitutive association of G $\alpha_s$ with SHP-1 and angiotensin II receptor AT $_2$ is essential in AT $_2$ -mediated ITIM-independent activation of SHP-1. <i>PNAS</i> 99: 12049 - 12054.
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Chang, D-J., Li, X-C., Lee, Y-S., Kim, H-K., Kim, U.S., Cho, N.J., Lo, X., Weiss, K., Kandel, E., Kaang, B-K. (2000) Activation of a heterologously expressed octopamine receptor coupled only to adenylyl cyclase produces all the features of presynaptic facilitation in Aplysia sensory neurons. <i>Proc. Natl. Acad. Sci. USA</i> 97: 1829-1834.
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Bethin, K.E., Nagai, Y., Sladek, R., Asada, M., Sadovsky, Y., Hudson, T.J. and Muglia, L.J. (2003) Microarray Analysis of Uterine Gene Expression in Mouse and Human Pregnancy. <i>Mol. Endocrinol.</i> 17: 1454 - 1469.

Cell Type	Source	Genlantis Reagent	Citation
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Augustin, L., Mavinakere, M., Morizono, H., and Tuchman, M. (2000) Expression of Wild-Type and Mutant Human Ornithine Transcarbamylase Genes in Chinese Hamster Ovary Cells and Lack of Dominant Negative Effect of R141Q and R40H Mutants. <i>Pediatric Research</i> 48: 842-846.
Ovary	Chinese Hamster	GenePORTER 2 Transfection Reagent	Hamilton, S.R., Li, H., Wischniewski, H., Prasad, A., Kerley-Hamilton, J.S., Mitchell, T., Walling, A.J., Davidson, R.C., Wildt, S. and Gerngross, T.U. (2005) Intact [alpha]-1,2-Endomannosidase is a typical type-II membrane protein. <i>Glycobiology</i> 15: 615 ? 624.
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Endo, Y., Wolf, V., Muraiso, K., Kamijo, K., Soon, L., Uren, A., Barshishat-Kupper, M. and Rubin, J.S. (2005) Wnt-3a-dependent Cell Motility Involves RhoA Activation and Is Specifically Regulated by Dishevelled-2. <i>J. Biol. Chem.</i> 280(1): p. 777-786.
Ovary	Chinese Hamster	GenePORTER Transfection Reagen	Hannah, B.P., Heldwein, E.E., Bender, F.C., Cohen, G.H. and Eisenberg, R.J. (2007) Mutational Evidence of Internal Fusion Loops in Herpes Simplex Virus Glycoprotein B. <i>J. Virol.</i> 2007; 81(9): p. 4858-4865.
Ovary	Chinese Hamster	GenePORTER Reagent	Huang, Y-Y., Yu, Z., Lin, S-F., Li, S., Fong, Y. and Wong, R.J. (2007) Nectin-1 is a Marker of Thyroid Cancer Sensitivity to Herpes Oncolytic Therapy. <i>J. Clin. Endocrinol. Metab.</i> 92(5): p. 1965-1970.
Lung Adenocarcinoma	Mouse	GenePORTER 2 Transfection Reagent	Lin, Y-W, Chuang, S-M, and Yang, J-L (2003) ERK1/2 Achieves Sustained Activation by Stimulating MAPK Phosphatase-1 Degradation via the Ubiquitin-Proteasome Pathway <i>J. Biol. Chem.</i> 278: 21534 - 21541.
Mutant	Chinese Hamster	GenePORTER Transfection Reagent	Godthelp, B., Wiegant, W., van Duijn-Goedhart, A. Sch $\ddot{u}$ rer, O., van Buul, P.P.W., Kanaar, R. and Zdzienicka, M. (2002) Mammalian Rad51C contributes to DNA cross-link resistance, sister chromatid cohesion and genomic stability. <i>Nucleic Acids Res.</i> 30: 2172 - 2182.
Colon Carcinoma	Human	GenePORTER 2 Transfection Reagent	Shimizu, N., Hashizume, T., Shingaki, K., and Kawamoto, J-K. (2003) Amplification of Plasmids Containing a Mammalian Replication Initiation Region Is Mediated by Controllable Conflict between Replication and Transcription. <i>Cancer Res.</i> 63: 5281-5290.
Neuroendocrine Tumor Cells	Human	GenePORTER 2 Reagent	Utani, K-i., Kawamoto, J-k. and Shimizu, N. (2007) Micronuclei Bearing Acentric Extrachromosomal Chromatin Are Transcriptionally Competent and May Perturb the Cancer Cell Phenotype <i>Mol. Cancer Res.</i> 5: 695-704.
Neuroendocrine Tumor Cells	Human	GenePORTER 2 Reagent	Utani, K. and Shimizu, N (2008) How transcription proceeds in a large artificial heterochromatin in human cells. <i>Nucleic Acids Res.</i> published 29 November 2008, 10.1093/nar/gkn970 Open Access .
Pancreatic Cancer	Human	GenePORTER Transfection Reagent	Kawakami, K., Kawakami, M., Leland, P., and Puri, R.K., (2002) Internalization Property of Interleukin-4 Receptor Chain Increases Cytotoxic Effect of Interleukin-4 Receptor-targeted Cytotoxin in Cancer Cells. <i>Clin. Cancer Res.</i> 8: 258 □ 266.
Kidney	Green Monkey	GenePORTER Reagent	Ilkow, C.S., Mancinelli, V., Beatch, M.D. and Hobman, T.C. (2008) Rubella Virus Capsid Protein Interacts with Poly(A)-Binding Protein and Inhibits Translation. <i>J. Virol.</i> 82(9): 4284-4294
Kidney	Green Monkey	GenePORTER 2 Transfection Reagent	Chen, C. and Montelaro, R.C. (2003) Characterization of RNA Elements That Regulate Gag-Pol Ribosomal Frameshifting in Equine Infectious Anemia Virus. <i>J. Virol.</i> 77: 10280 - 10287.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Yu, J-Z and Rasenick, M.M. (2002) Real-Time Visualization of a Fluorescent Gs: Dissociation of the Activated G Protein from Plasma Membrane. <i>Mol. Pharmacol.</i> 61: 352 □ 359.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Wong, E.S.M., Fong, C.W., Lim, J., Yusoff, P., Low, B.C., Langdon, W.Y. and Guy, G.R. (2002) Sprouty2 attenuates epidermal growth factor receptor ubiquitylation and endocytosis, and consequently enhances Ras/ERK signaling. <i>EMBO J.</i> 21: 4796 - 4808.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Mirzabekov, T., Bannert, N., Farzan, M., Hofmann, W., Kolchinsky, P., Wu, L., Wyatt, R., and Sodroski, J. (1999) Enhanced Expression, Native Purification, and Characterization of CCR5, a Principal HIV-1 Coreceptor. <i>J. Biol. Chem.</i> 274: 28745-28750.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Ma, J. and Lindquist, S. (2001) Wild-type PrP and a mutant associated with prion disease are subject to retrograde transport and proteasome degradation. <i>PNAS</i> 98: 14955 - 14960.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Liang, W-J, Johnson, D., Ma, L-S, and Jarvis, S. (2002) Regulation of the human sodium-dependent vitamin C transporters hSVCT1 and hSVCT2 expressed in COS-1 cells by protein kinase C. <i>Am. J. Physiol Cell Physiol</i> : 283: 1696-1704
Kidney	Green Monkey	GenePORTER Transfection Reagent	Lee, B-C, Cheng, T., Adams, G.B., Attar, E.C., Miura, N., Lee, S.B., Saito, Y., Olszak, I., Dombkowski, D., Olson, D.P., Hancock, J., Choi, P.S., Haber, D.A., Luster, A.D. and Scadden, D.T. (2003) P2Y-like receptor, GPR105 (P2Y14), identifies and mediates chemotaxis of bone-marrowhematopoietic stem cells. <i>Genes &amp; Dev.</i> 17: 1592 - 1604.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Kalbfuss, B., Mabon, S.A., and Misteli, T. (2001) Correction of alternative splicing of tau in frontotemporal dementia and parkinsonism linked to chromosome 17. <i>J. Biol. Chem</i> 277: 8682.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Gombart, A.F., Shiohara, M., Kwok, S.H., Agematsu, A., Komiyama, A., Koeffler, H.P. (2001) Neutrophil-specific granule deficiency: homozygous recessive inheritance of a frameshift mutation in the gene encoding transcription factor CCAAT/enhancer binding protein-?. <i>Blood</i> 97: 2561-2567.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Fejér, G., Medveczky, M.M., Horvath, E., Lane, B., Chang, Y. and Medveczky, P.G. (2003) The latency-associated nuclear antigen of Kaposi's sarcoma-associated herpesvirus interacts preferentially with the terminal repeats of the genome in vivo and this complex is sufficient for episomal DNA replication <i>J. Gen. Virol.</i> 84: 1451 - 1462.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Bedecarrats, G.Y., Linher, K.D. and Kaiser, U.B. (2003) Two Common Naturally Occurring Mutations in the Human Gonadotropin-Releasing Hormone (GnRH) Receptor Have Differential Effects on Gonadotropin Gene Expression and on GnRH-Mediated Signal Transduction. <i>J. Clin. Endocrinol. Metab.</i> 88: 834 - 843.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Bai, R-Y, Ouyang, T., Miething, C., Morris, S.W., Peschel, C., Duyster, J. (2000) Nucleophosmin-anaplastic Lymphoma Kinase Associated with Anaplastic Large-Cell Lymphoma Activates the Phosphatidylinositol 3-kinase/Akt Antiapoptotic Signaling Pathway. <i>Blood</i> 96: 4319-4327.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Pache, J.C., Burton, D.W., Deftos, L.J. and Hastings, R.H. (2006) A Carboxyl Leucine-Rich Region of Parathyroid Hormone-Related Protein Is Critical for Nuclear Export. <i>Endocrinology.</i> 147(2): 990-998.
Kidney	Green Monkey	GenePORTER 2 Transfection Reagent	Xie, L-H, John, S. and Weiss, J. (2002) Spermine Block of the Strong Inward Rectifier Potassium Channel Kir2.1: Dual Roles of Surface Charge Screening & Pore Block <i>J. Gen. Physiol.</i> 120: 53 - 66.
Kidney	Green Monkey	GenePORTER 2 Transfection Reagent	Tang X.D., Daggett, H., Hanner, M., Garcia, M.L., McManus, O.B., Brot, N., Weissbach, H., Heinemann, S.H., Hoshi, T. (2001) Oxidative Reduction of Large Conductance Calcium-activated Potassium Channels <i>J. Gen Phys</i> 117: 253-274.
Kidney	Green Monkey	GenePORTER 2 Transfection Reagent	Bulanova, E., Budagian, V., Orinska, Z., Krause, H., Paus, R. and Bulfone-Paus, S. (2003) Mast Cells Express Novel Functional IL-15 Receptor Isoforms <i>J. Immunol.</i> 170: 5045 - 5055.

Cell Type	Source	Genlantis Reagent	Citation
Kidney	Green Monkey	GenePORTER 2 Transfection Reagent	Budagian, V., Bulanova, E., Orinska, Z., Ludwig, A., Rose-John, S., Saftig, P., Borden, E.C. and Bulfone-Paus, S. (2004) Natural Soluble Interleukin-15R(α) Is Generated by Cleavage That Involves the Tumor Necrosis Factor-α-converting Enzyme (TACE/ADAM17). <i>J. Biol. Chem.</i> 279 (39): p. 40368-40375.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Mori, A., Maruo, Y., Iwai, M., Sato, H. and Takeuchi, Y. (2005) UDP-Glucuronosyltransferase 1A4 Polymorphisms in a Japanese Population and Kinetics of Clozapine Glucuronidation. <i>Drug Metab. Dispos.</i> 33(5): p. 672-675.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Bang, R., Marnell, L., Mold, C., Stein, M-P., Du Clos, K.T., Chivington-Buck, C. and Du Clos, T.W. (2005) Analysis of Binding Sites in Human C-reactive Protein for FcRI, FcRIIA, and C1q by Site-directed Mutagenesis. <i>J. Biol. Chem.</i> 280: 25095 - 25102.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Tanno, T., Takenaka, S. and Tsuyama, S. (2004) Expression and Function of Slit1(α), a Novel Alternative Splicing Product for Slit1. <i>J. Biochem. (Tokyo)</i> . 136(5): p. 575-581.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Zunkler, B.J., Kuhne, S., Rustenbeck, I., and Ott, T. (2000) Mechanism of Terfenadine Block of ATP-sensitive K <sup>+</sup> Channels <i>Brit. J. Pharm</i> 130: 1571-1574.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Yoshino, A., Bieler, B.M., Harper, D.C., Cowan, D.A., Sutterwala, S., Gay, D.M., Cole, N.B., McCaffery, J.M. and Marks, M.S. (2003) A role for GRIP domain proteins and/or their ligands in structure and function of the trans Golgi network. <i>J. Cell Sci.</i> 116: 4441 - 4454.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Yahiro, K., Wada, A., Nakayama, M., Kimura, T., Ogushi, K-i, Niidome, T., Aoyagi, H., Yoshino, K-I, Yonezawa, K., Moss, J. and Hirayama, T. (2003) Protein-tyrosine Phosphatase , RPTP , Is a Helicobacter pylori VacA Receptor <i>J. Biol. Chem.</i> 278: 19183 - 19189.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Yaglom, J., O'Callaghan-Sunol, C., Gabai, V. and Sherman, M.Y. (2003) Inactivation of Dual-Specificity Phosphatases Is Involved in the Regulation of Extracellular Signal-Regulated Kinases by Heat Shock and Hsp72. <i>Mol. Cell. Biol</i> 23: 3813 - 3824.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Trotti, D., Aoki, M., Pasinelli, P., Berger, U., Danbolt, N., Brown, R., Hediger, M., (2001) Amyotrophic Lateral Sclerosis-Linked Glutamate Transporter Mutant has Impaired Glutamate Clearance Capacity. <i>J. Biol. Chem</i> 276: 576.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Throm, S.L. and Klemsz, M.J. (2003) PU.1 regulates glutathione peroxidase expression in neutrophils <i>J. Leukoc. Biol.</i> 74: 111 - 117.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Reinhardt, T.A., Horst, R.L. and Waters, W.R. (2004) Characterization of Cos-7 cells overexpressing the rat secretory pathway Ca <sup>2+</sup> -ATPase. <i>Am J Physiol Cell Physiol</i> 286: 164 - 169.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Raghib, A., Bertaso, F., Davies, A., Page, K.M., Meir, A., Bogdanov, Y. and Dolphin, A. (2001) Dominant-Negative Synthesis Suppression of Voltage-Gated Calcium Channel Cav2.2 Induced by Truncated Constructs. <i>J. Neurosci.</i> 21: 8495 - 8504.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Quelo, I., Gauthier, C., Hannigan, G.E., Dedhar, S. and St-Arnaud, R. (2004) Integrin-linked Kinase Regulates the Nuclear Entry of the c-Jun Coactivator {α}-NAC and Its Coactivation Potency. <i>J. Biol. Chem.</i> 279 (42): 43893-43899.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Olah, Z., Karai, L., and Iadarola, M.J. (2001) Anandamide Activates Vanilloid Receptor 1 (VR1) at Acidic pH in Dorsal Root Ganglia Neurons and Cells Ectopically Expressing VR1. <i>J. Biol. Chem</i> 276: 31163-31170.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Moss, F., Viard, P., Davies, A., Bertaso, F., Page, K., Graham, A., Cantí, C., Plumpton, M. Plumpton, C., Clare, J., and Dolphin, A. (2002). The novel product of a five-exon stargazin-related gene abolishes CaV2.2 calcium channel expression. <i>EMBO J.</i> 21: 1514 - 1523.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Meysing, A.U., Kanasaki, H., Bedecarrats, G.Y., Aciermo Jr., J.S., Conn, P.M., Martin, K.A., Seminara, S.B., Hall, J.E., Crowley, Jr. W.F. and Kaiser, U.B. (2004) GNRHR Mutations in a Woman with Idiopathic Hypogonadotropic Hypogonadism Highlight the Differential Sensitivity of Luteinizing Hormone and Follicle-Stimulating Hormone to Gonadotropin-Releasing Hormone. <i>J. Clin. Endocrinol. Metab.</i> 89(7): p. 3189-3198.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Liu, X., Zhou, T., Kuriyama, R. and Erikson, R. (2004) Molecular interactions of Polo-like-kinase 1 with the mitotic kinesin-like protein CHO1/MKLP-1. <i>J. Cell Sci</i> 117 (15): 3233-3246.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Liao, Y., Satoh, T., Gao, X., Jin, T-G, Hu, C-D, and Kataoka, T. (2001) RA-GEF-1, a Guanine Nucleotide Exchange Factor for Rap1, Is Activated by Translocation Induced by Association with Rap1-GTP and Enhances Rap1-dependent B-Raf Activation. <i>J. Biol. Chem</i> 276: 28478.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Lin, C-Y., Madsen, M, Yarm, Y-J, Liu, X., Erikson, R. (2000) Peripheral Golgi protein GRASP65 is a target of mitotic polo-like kinase (Plk) and Cdc2. <i>Proc. Natl. Acad. Sci. USA</i> 97: 12589-12594.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Li, D-P, Periyasamy, S., Jones, T.J., and Sanchez, E.R. (2000) Heat and Chemical Shock Potentiation of Glucocorticoid Receptor Transactivation Requires Heat Shock Factor (HSF) Activity. <i>J. Biol. Chem.</i> 275: 26058.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Leung, C.L., Sun, D., Zheng, M., Knowles, D.R., and Liem, R.K.H. (1999) Microtubule Actin Cross-Linking Factor (MACF): A Hybrid of Dystonin and Dystrophin That Can Interact With the Actin and Microtubule Cytoskeletons. <i>J. Cell Biol.</i> 147: 1275-1286.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Kawakami, K., Takeshita, F., and Puri, R.K. (2001) Identification of Distinct Roles for a Dileucine and a Tyrosine Internalization Motif in the Interleukin (IL)-13 Binding Component IL-13 Receptor 2 Chain. <i>J. Biol. Chem.</i> 276: 25114-25120.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Kawahara, A., Wilm, T., Solnica-Krezel, L., Dawid, I. (2000) Antagonistic role of vegal and bozozok/dharma homeobox genes in organizer formation. <i>Proc. Natl. Acad. Sci. USA</i> 97: 12121-26.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Jin, T-G, Satoh, T., Liao, Y., Song, C., Gao, X., Kariya, K., Hu, C-D, and Kataoka, T. (2001) Role of the CDC25 homology domain of PLC in amplification of Rap1-dependent signaling. <i>J. Biol. Chem</i> 276: 30301-30307.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Jiang, H., Peterson, R.S., Wang, W., Bartnik, E., Knudson, C.B., and Knudson W. (2002) Requirement for the CD44 cytoplasmic domain for Hyaluronan binding, pericellularmatrix assembly, and receptor-mediated endocytosis in COS-7 cells <i>J. Biol. Chem</i> 277: 10531- 10538.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Feng, Y-H., Sun, Y. and Douglas, J.G. (2002) G-independent constitutive association of G s with SHP-1 and angiotensin II receptor AT2 is essential in AT2-mediated ITIM-independent activation of SHP-1. <i>PNAS</i> 99: 12049 - 12054.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Faraldo, M., Deugnier, M-A, Tlouzeau, S., Thiery, J.P., and Glukhova, M. (2002) Perturbation of beta-1-integrin Function in Involuting Mammary Gland Results in Premature Dedifferentiation of Secretory Epithelial Cells. <i>Mol. Biol. Cell:</i> 13: 3521 - 3531.

Cell Type	Source	Genlantis Reagent	Citation
Kidney	Green Monkey	GenePORTER Transfection Reagent	Hidaka, S., Akahori, Y. and Kurosawa, Y. (2004) Dendrodendritic Electrical Synapses between Mammalian Retinal Ganglion. <i>Cells. J. Neurosci.</i> 24(46): 10553-10567.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Gatanaga, H., Suzuki, Y., Tsang, H., Yoshimura, K., Kavlick, M.F., Nagashima, K., Gorelick, R.J., Mardy, S., Tang, C., Summers, M.F., and Mitsuya, H. (2002) Amino Acid Substitutions in Gag Protein at Non-cleavage Sites Are Indispensable for the Development of a High Multitude of HIV-1 Resistance against Protease Inhibitors. <i>J. Biol. Chem</i> 277: 5952 □ 5961.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Gao, X., Satoh, T., Liao, Y., Song, C., Hu, C-D, Kariya, K-I and Kataoka, T. (2001) Identification and Characterization of RA-GEF-2, a Rap Guanine Nucleotide Exchange Factor That Serves as a Downstream Target of M-Ras. <i>J. Biol. Chem.</i> 276: 42219-42225.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Chen, Z-J, Vetter, M., Chang, G-D, Liu, S., Che, D., Ding, Y., Kim, S.S. and Chang, C-H (2004) Cyclophilin A Functions as an Endogenous Inhibitor for Membrane-Bound Guanylate Cyclase-A Hypertension 44 (6): 963-968.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Bharadwaj, D., Stein, M-P, Volzer, M., Mold, C., and Du Clos, T.W. (1999) The Major Receptor for C-Reactive Protein on Leukocytes is Fc-gamma Receptor II. <i>J. Exp. Med.</i> 190: 585-590.
Kidney	Green Monkey	GenePORTER Transfection Reagent	Bertaso, F., Ward, R.J., Viard, P., Milligan, G. and Dolphin, A.C. (2003) Mechanism of Action of Gq to Inhibit G Modulation of CaV2.2 Calcium Channels: Probed by the Use of Receptor-G Tandems. <i>Mol. Pharmacol.</i> 63: 832 - 843.
Kidney	Green Monkey	GenePORTER 2 Reagent	Kim, K-H, Nielsen, P.E. and Glazer, P.M. (2007) Site-directed gene mutation at mixed sequence targets by psoralen-conjugated pseudo-complementary peptide nucleic acids. <i>Nucleic Acids Res.</i> 35 (22) 7604-7613.
Kidney Fibroblast	Green Monkey	GenePORTER Transfection Reagent	Bhagavathula, N., Nerusu, K.C., Lal, A., Ellis, C.N., Chittiboyina, A., Avery, M.A., Ho, C.I., Benson, S.C., Pershadsingh, H.A., Kurtz, T.W. and Varani, J. (2004) Rosiglitazone Inhibits Proliferation, Motility, & Matrix Metalloproteinase Production in Keratinocytes. <i>J. Invest. Dermatol.</i> 122: 130-139.
Kidney Fibroblast	Green Monkey	GenePORTER Transfection Reagent	Benson, S.C., Pershadsingh, H.A., Ho, C.I., Chittiboyina, A., Desai, P., Pravenec, M., Qi, N., Wang, J., Avery, M.A. and Kurtz, T.W. (2004) Identification of Telmisartan as a Unique Angiotensin II Receptor Antagonist With Selective PPAR-Modulating Activity. <i>Hypertension</i> 43(5): p. 993-1002.
Prostate Carcinoma	Human	GenePORTER Transfection Reagent	Nie, D., Che, M., Zacharek, A., Qiao, Y., Li, L., Li, X., Lamberti, X., Tang, K., Cai, Y., Guo, Y., Grignon, D. and Honn, K.V. (2004) Differential Expression of Thromboxane Synthase in Prostate Carcinoma: Role in Tumor Cell Motility. <i>Am. J. Pathol.</i> 164: 429 - 439.
Prostate Carcinoma	Human	GenePORTER Transfection Reagent	Lee, M., Hwang, J-T., Lee, H-J., Jung, S-N., Kan, I., Chi, S-G., Kim, S-S., and Ha, J. (2003) AMP-activated Protein Kinase Activity Is Critical for Hypoxia-inducible Factor-1 Transcriptional Activity and Its Target Gene Expression under Hypoxic Conditions in DU145 Cells. <i>J. Biol. Chem.</i> 278: 39653-61.
Prostate Carcinoma	Human	GenePORTER Transfection Reagent	Bayon, Y., Ortiz, M.A., Lopez-Hernandez, F.J., Howe, P.H. and Piedrafita, F.J. (2004) The Retinoid Antagonist MX781 Induces Clusterin Expression in Prostate Cancer Cells via Heat Shock Factor-1 and Activator Protein-1 Transcription Factors. <i>Cancer Res.</i> ; 64(16): p. 5905-5912.
Prostate Carcinoma	Human	GenePORTER Reagent	Choi, K.J., Piao, Y.J., Lim, M.J., Kim, J.H., Ha, J., Choe, W. and Kim, S.S. (2007) Overexpressed Cyclophilin A in Cancer Cells Renders Resistance to Hypoxia- and Cisplatin-Induced Cell Death. <i>Cancer Res.</i> 67(8): 3654-3662.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Rebuffat, A., Nawrocki, A., Nielsen, P., Bernasconi, A., Bernal-Mendez, E., Frey, B., and Frey, F. (2002) Gene delivery by a steroid-peptide nucleic acid conjugate. <i>FASEB J.</i> 107061.
Hepatoma	Rat	GenePORTER Reagent	Reisdorff, R.M. and Lindahl, R. (2007) Constitutive and 3-MC-induced Rat ALDH3A1 Expression is Mediated by Multiple Xenobiotic Response Elements. <i>Drug Metab Dispos</i> 35(3): 386-93.
Bladder Carcinoma	Human	GenePORTER Transfection Reagent	Tang, S., Gao, Y., and Ware, J.A. (1999) Enhancement of Endothelial Cell Migration and in vitro Tube Formation by TAP20, A Novel beta-5 Integrin-Modulating, PKC $\epsilon$ -Dependent Protein. <i>J. Cell Biol.</i> 147: 1073-1084.
Bladder Carcinoma	Human	GenePORTER Reagent	Blume, C., Benz, P.M., Walter, U., Ha, J., Kemp, B.E. and Renne, T. (2007) AMP-activated protein kinase impairs endothelial actin cytoskeleton assembly by phosphorylating vasodilator-stimulated phosphoprotein J. <i>Biol. Chem.</i> 282:4601 - 4612.
Early-Differentiated Cells from Mouse Embryonic Stem Cells	Mouse	GenePORTER Transfection Reagent	Yang, Y., Min, J-Y, Rana, J., Ke, Q., Cai, J., Chen, Y., Morgan, J.P., and Xiao, Y-F (2002) VEGF enhances functional improvement of postinfarcted hearts by transplantation of ESC-differentiated cells <i>J. Appl Physiol.</i> 93: 1140 - 1151.
Breast Epithelial Mammary Carcinoma	Human	GenePORTER Transfection Reagent	Mihaylova, V.T., Bindra, R.S., Yuan, J., Campisi, D., Narayanan, L., Jensen, R., Giordano, F., Johnson, R.S., Rockwell, S. and Glazer, P.M. (2003) Decreased Expression of the DNA Mismatch Repair Gene Mlh1 under Hypoxic Stress in Mammalian Cells <i>Mol. Cell. Biol.</i> 23: 3265 - 3273.
Endometrial Stromal Cells (Immortalized)	Ovine	GenePORTER Transfection Reagent	Choi, Y., Johnson, G.A., Burghardt, R.C., Berghman, L.R., Joyce, M.M., Taylor, K.M., Stewart, M.D., Bazer, F.W. and Spencer, T.E. (2001) Interferon Regulatory Factor-Two Restricts Expression of Interferon-Stimulated Genes to the Endometrial Stroma and Glandular Epithelium of the Ovine Uterus. <i>Biol. Reprod.</i> 65: 1038-1049.
Fetal Kidney	Equine	GenePORTER Transfection Reagent	Howe, L., Craigo, J.K., Issel, C.J. and Montelaro, R.C. (2005) Specificity of serum neutralizing antibodies induced by transient immune suppression of inapparent carrier ponies infected with a neutralization-resistant equine infectious anemia virus envelope strain. <i>J. Gen. Virol.</i> 2005; 86(1): p. 139-149.
Fetal Equine Kidney	Horse	GenePORTER Transfection Reagent	Howe, L., Leroux, C., Issel, C.J. and Montelaro, R.C. (2002) Equine Infectious Anemia Virus Envelope Evolution in vivo during Persistent Infection Progressively Increases Resistance to in vitro Serum Antibody Neutralization as a Dominant Phenotype. <i>J. Virol.</i> 76: 10588 - 10597.
null	Mouse	GenePORTER Transfection Reagent	Hannah, B.P., Heldwein, E.E., Bender, F.C., Cohen, G.H. and Eisenberg, R.J. (2007) Mutational Evidence of Internal Fusion Loops in Herpes Simplex Virus Glycoprotein B. <i>J. Virol.</i> 2007; 81(9): p. 4858-4865.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Datta, H.J. and Glazer, P.M. (2001) Intracellular generation of single-stranded DNA for chromosomal triplex formation and induced recombination. <i>Nucleic Acids Res.</i> 29: 5140 - 5147.
Pituitary	Rat	GenePORTER Reagent	Cicccone, N.A., Lacza, C.T., Hou, M.Y., Gregory, S.J., Kam, K-Y, Xu, S. and Kaiser, U.B. (2008) A Composite Element that Binds Basic Helix Loop Helix and Basic Leucine Zipper Transcription Factors Is Important for GnRH Regulation of the FSH $\beta$ Gene. <i>Mol. Endocrinol.</i> 10.1210/me.2007-0455.
Anterior Pituitary	Rat	GenePORTER 2 Transfection Reagent	Mahajan, M.A., Murray, A. and Samuels, H.H. (2002) NRC-Interacting Factor 1 Is a Novel Cotransducer That Interacts with and Regulates the Activity of the Nuclear Hormone Receptor Coactivator NRC. <i>Mol. Cell. Biol.</i> 22: 6883 - 6894.

Cell Type	Source	Genlantis Reagent	Citation
Anterior Pituitary	Rat	GenePORTER 2 Transfection Reagent	Li, D., Wang, F., and Samuels, H.H. (2001) Domain Structure of the NR1F3 Family of Coregulators Suggests Potential Dual Roles in Transcriptional Regulation. <i>Mol. Cell. Biol.</i> 21: 8371 - 8384. <i>doi</i>
Glioma	Mouse	GenePORTER	Aghi, M., Cohen, K.S., Klein, R.J., Scadden, D.T. and Chioocca, E.A. (2006) Tumor Stromal-Derived Factor-1 Recruits Vascular Progenitors to Mitotic Neovasculation, where Microenvironment Influences Their Differentiated Phenotypes. <i>Cancer Res.</i> 66(18): 9054-9064.
Gastric Carcinoma (Diffuse)	Human	GenePORTER 2 Transfection Reagent	Santos-Silva, F., Fonseca, A., Caffrey, T., Carvalho, F., Mesquita, P., Reis, C., Almeida, R., David, L. and Hollingsworth, M.A. (2005) Thomsen-Friedenreich antigen expression in gastric carcinomas is associated with MUC1 mucin VNTR polymorphism. <i>Glycobiology</i> ; 15 511 - 517.
B cell non-Hodgkin's lymphoma	Human	GenePORTER	Pscherer, A., Schliwka, J., Wildenberger, K., Mincheva, A., Schwaenen, C., Döhner, H., Stilgenbauer, S. and Lichter, P. (2006) Antagonizing inactivated tumor suppressor genes and activated oncogenes by a versatile transgenesis system: application in mantle cell lymphoma. <i>FASEB J</i> , 20: 1188 - 1190.
Lung Carcinoma	Human	GenePORTER Transfection Reagent	Zeng, X., Li, X., Miller, A., Yuan, Z., Yuan, W., Kwok, R.P.S., Goodman, R., and Lu, H. (2000) The N-Terminal Domain of p73 Interacts with the CH1 Domain of p300/CREB Binding Protein and Mediates Transcriptional Activation and Apoptosis. <i>Molec. &amp; Cell Biol.</i> 20: 1299-1310.
Lung Carcinoma	Human	GenePORTER Transfection Reagent	Dai, R., Freitag, W., He, B., Zhang, Y., and Mivechi, N.F. (2000) c-Jun NH2-terminal Kinase Targeting and Phosphorylation of Heat Shock Factor-1 Suppress Its Transcriptional Activity. <i>J. Biol. Chem.</i> 275: 18210-18218.
Hippocampal Cells	Rat+C143 +C146	GenePORTER 2 Transfection Reagent	Wu, X., Zagranichnaya, T.K., Gurda, G.T., Eves, E.M. and Villereal, M.L. (2004) A TRPC1/TRPC3-mediated Increase in Store-operated Calcium Entry Is Required for Differentiation of H19-7 Hippocampal Neuronal Cells. <i>J. Biol. Chem.</i> 279 (42): 43392-43402.
Lung Carcinoma	Human	GenePORTER Transfection Reagent	Tong, X., Xie, D., O'Kelly, J., Miller, C.W., Muller-Tidow, C., and Koeffler, H.P. (2001) Cyr61, a Member of CCN Family, Is a Tumor Suppressor in Non-Small Cell Lung Cancer. <i>J. Biol. Chem.</i> 276: 47709 - 47714.
Myogenic Cells	Rat	GenePORTER Transfection Reagent	Kabakov, A.E., Budagova, K.R., Latchman, D.S. and Kampinga, H.H. (2002) Stressful preconditioning and HSP70 overexpression attenuate proteotoxicity of cellular ATP depletion. <i>Am J Physiol Cell Physiol.</i> 283: 521 - 534.
Myogenic Cells	Rat	GenePORTER Transfection Reagent	Gabai, V., Meriin, A.B., Yaglom, J., Wei, J., Mosser, D., Sherman, M. (2000) Suppression of Stress Kinase JNK is Involved in HSP72-Mediated Protection of Myogenic Cells From Transient Energy Deprivation: HSP72 Alleviates the Stress-Induced Inhibition of JNK Dephosphorylation. <i>J. Biol. Chem.</i> 275: 38088.
Keratinocyte	Human	GenePORTER 2 Transfection Reagent	Windoffer, R., Woll, S., Strnad, P. and Leube, R.E. (2004) Identification of Novel Principles of Keratin Filament Network Turnover in Living Cells. <i>Mol. Biol. Cell</i> 15(5): p. 2436-2448.
Keratinocyte	Human	GenePORTER Transfection Reagent	Bros, M., Ross, X-L, Pautz, A., Reske-Kunz, A.B. and Ross, R. (2003) The Human Fascin Gene Promoter Is Highly Active in Mature Dendritic Cells Due to a Stage-Specific Enhancer. <i>J. Immunol.</i> 171: 1825 - 1834.
Keratinocyte	Human	GenePORTER 2 Reagent	Minsavage, G.D. and Dillman III, J.F. (2007) Bifunctional Alkylating Agent-Induced p53 and Nonclassical Nuclear Factor- $\kappa$ B Responses and Cell Death Are Altered by Caffeic Acid Phenethyl Ester (CAPE): A potential role for antioxidant/electrophilic response element (ARE/EpRE) signaling. <i>J. Pharmacol. Exp. Ther.</i> 321(1): 202-12.
Keratinocyte	Human	GenePORTER 2 Reagent	Lehen'kyi, V., Beck, B., Polakowska, R., Charveron, M., Bordat, P., Skryma, R. and Prevarskaya, N. (2007) TRPV6 is a Ca <sup>2+</sup> -entry channel essential for Ca <sup>2+</sup> -induced differentiation of human keratinocytes <i>J. Biol. Chem.</i> 282: 22582 <i>doi</i> 22591.
Aortic	Human	GenePORTER Reagent	Sithu, S.D., English, W.R., Olson, P., Krubasik, D., Baker, A.H., Murphy, G. and E. D'Souza, S. (2007) Membrane-type 1-Matrix Metalloproteinase Regulates Intracellular Adhesion Molecule-1 (ICAM-1)-mediated Monocyte Transmigration <i>J. Biol. Chem.</i> 282(34): 25010-25019.
Mammary Epithelium	Mouse	GenePORTER Transfection Reagent	Tonko-Geymayer, S., Goupille, O., Tonko, M., Soratroi, C., Yoshimura, A., Streuli, C., Szemiecki, A., Kofler, R., and Doppler, W. (2002) Regulation and Function of the Cytokine-Inducible SH-2 Domain Proteins, CIS and SOCS3, in Mammary Epithelial Cells. <i>Mol. Endocrinol.</i> 16: 1680 - 1695.
Colorectal Cancer	Human	GenePORTER Transfection Reagent	Bordonaro, M., Lazarova, D.L. and Sartorelli, A.C. (2004) Pharmacological and genetic modulation of Wnt-targeted Cre-Lox-mediated gene expression in colorectal cancer cells. <i>Nucleic Acids Res.</i> 32(8): p. 2660-2674.
Colon Carcinoma	Human	GenePORTER Reagent	Meng, X., Yue, J., Liu, Z. and Shen, Z. (2007) Abrogation of the Transactivation Activity of p53 by BCCIP Down-regulation. <i>J. Biol. Chem.</i> 282(3): 1570-1576.
Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Kotzbauer, P.T., Truax, A.C., Trojanowski, J.Q. and Lee, V.M-Y. (2005) Altered Neuronal Mitochondrial Coenzyme A Synthesis in Neurodegeneration with Brain Iron Accumulation Caused by Abnormal Processing, Stability, and Catalytic Activity of Mutant Pantothenate Kinase 2. <i>J. Neurosci.</i> 25(3): p. 689-698.
Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Zelhof, A.C. and Hardy, R.W. (2004) WASp is required for the correct temporal morphogenesis of rhabdomere microvilli. <i>J. Cell Biol.</i> 164: 417 ? 426.
Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Wiater, E., and Vale, W. (2003) Inhibin Is an Antagonist of Bone Morphogenetic Protein Signaling. <i>J. Biol. Chem.</i> 278: 7934 - 7941.
Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Tomlinson, CC and Damania, B. (2004) The K1 Protein of Kaposi's Sarcoma-Associated Herpesvirus Activates the Akt Signaling Pathway. <i>J. Virol.</i> 78: 1918 - 1927.
Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Tang X.D., Daggett, H., Hanner, M., Garcia, M.L., McManus, O.B., Brot, N., Weissbach, H., Heinemann, S.H., Hoshi, T. (2001) Oxidative Reduction of Large Conductance Calcium-activated Potassium Channels. <i>J. Gen Phys</i> 117: 253-274.
Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Steffan, J.S., Kazantsev, A., Spasic-Boskovic, O., Greenwald, M., Zhu, Y-Z., Gohler, H., Wanker, E.E., <i>doi</i> Bates, G., Housman, D, & Thompson, L. (2000) The Huntington's disease protein interacts with p53 and CREB-binding protein and represses transcription. <i>Proc. Natl. Acad. Sci. USA</i> 97: 6763-8.
Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Si, Z., Madani, N., Cox, J.M., Chruma, J.J., Klein, J.C., Schon, A., Phan, N., Wang, L., Biorn, A.C., Cocklin, S., Chaiken, I., Freire, E., Smith, A.B. and Sodroski, J.G. (2004) <i>doi</i> Small-molecule inhibitors of HIV-1 entry block receptor-induced conformational changes in the viral envelope glycoproteins. <i>Proc. Natl. Acad. Sci. USA</i> 101(14): 5036-5041.
Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Park, H-S, Yu, J-W, Cho, J-H, Kim, M-S, Huh, S-H, Ryoo, K. and Choi, E-J (2004) Inhibition of Apoptosis Signal-regulating Kinase 1 by Nitric Oxide through a Thiol Redox Mechanism. <i>J. Biol. Chem.</i> 279: 7584 - 7590.

Cell Type	Source	Genlantis Reagent	Citation
Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	LaBonte, J.A., Babcock, G.J., Patel, T. and Sodroski, J. (2002) Blockade of HIV-1 Infection of New World Monkey Cells Occurs Primarily at the Stage of Virus Entry. <i>J. Exp. Med.</i> 196: 431 - 445.
Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Kim, J.W., Lee, J.E., Kim, M.J., Cho, E-G., Cho, S-G., and Choi, E-J. (2003) Glycogen Synthase Kinase 3(beta) Is a Natural Activator of Mitogen-activated Protein Kinase/Extracellular Signal-regulated Kinase Kinase Kinase 1 (MEKK1). <i>J. Biol. Chem.</i> 278: 13995 - 14001.
Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Gorry, P., Taylor, J., Holm, G., Mehle, A., Morgan, T., Cayabyab, M., Farzan, M., Wang, H., Bell, J., Kunstman, K., Moore, J.P., Wolinsky, S. and Gabuzda, D. (2002) Increased CCR5 Affinity and Reduced CCR5/CD4 Dependence of a Neurovirulent Primary Human Immunodeficiency Virus Type 1 Isolate. <i>J. Virol.</i> 76: 6277 - 6292.
Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Cocquerel, L., Kuo, C-C, Dubuisson, J. and Levy, S. (2003) CD81-Dependent Binding of Hepatitis C Virus E1E2 Heterodimers. <i>J. Virol.</i> 77: 10677 - 10683. <a href="#">z</a>
Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Cocquerel, L., Kuo, C-C, Dubuisson, J. and Levy, S. (2003) CD81-Dependent Binding of Hepatitis C Virus E1E2 Heterodimers. <i>J. Virol.</i> 77: 10677 - 10683. <a href="#">z</a>
Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Cocquerel, L., Quinn, E.R., Flint, M., Hadlock, K.G., Foug, S.K.H. and Levy, S. (2003) Recognition of Native Hepatitis C Virus E1E2 Heterodimers by a Human Monoclonal Antibody. <i>J. Virol.</i> 77: 1604 ? 1609.
Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Chen, K., Lu, J., Wang, L. and Gan, Y-H (2004) Mycobacterial heat shock protein 65 enhances antigen cross-presentation in dendritic cells independent of Toll-like receptor 4 signaling. <i>J. Leukoc. Biol.</i> 75: 260 - 266.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Gubitz, A.K., Mourelatos, Z., Abel, L., Rappsilber, J., Mann, M., and Dreyfuss, G. (2002) Gemin5, a Novel WD Repeat Protein Component of the SMN Complex That Binds Sm Proteins. <i>J. Biol. Chem.</i> 277: 5631 - 5636.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Gao, L., Cueto, M., Asselbergs, F., and Atadja, P. (2002) Cloning and Functional Characterization of HDAC11, a Novel Member of the Human Histone Deacetylase Family. <i>J. Biol. Chem.</i> 277: 25748-55.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Fortna, RR, Crystal, AS, Morais, VA, Pijak, DS, Lee, VMY and Doms, RW (2004) Membrane Topology and Nicastrin-enhanced Endoproteolysis of APH-1, a Component of the (gamma)-Secretase Complex. <i>J. Biol. Chem.</i> 279: 3685 - 3693.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Fleming, M.D., Campagna, D.R., Haslett, J.N., Trenor III, C.C., Andrews, N.C. (2001) A Mutation in a Mitochondrial Transmembrane Protein is Responsible for the Pleiotropic Hematological and Skeletal Phenotype of Flexed-tail (f/f) Mice. <i>Genes &amp; Development</i> 15: 652-657.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Fischer, D.D., Cai, R., Bhatia, U., Asselbergs, F.A. M., Song, C., Terry, R., Trogani, N., Widmer, R., Atadja, P., and Cohen, D. (2002) Isolation and Characterization of a Novel Class II Histone Deacetylase, HDAC10. <i>J. Biol. Chem.</i> 277: 6656 - 6666.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Fejér, G., Medveczky, M.M., Horvath, E., Lane, B., Chang, Y. and Medveczky, P.G. (2003) The latency-associated nuclear antigen of Kaposi's sarcoma-associated herpesvirus interacts preferentially with the terminal repeats of the genome in vivo and this complex is sufficient for episomal DNA replication. <i>J. Gen. Virol.</i> 84: 1451 - 1462.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Evans, S.R., Thoreson, W.B. and Beck, C.L. (2004) Molecular and Functional Analyses of Two New Calcium-activated Chloride Channel Family Members from Mouse Eye and Intestine. <i>J. Biol. Chem.</i> 279(40): 41792-41800.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Emelyanov, A.V., Kovac, C.R., Sepulveda, M.A., and Birshtein, B.K. (2002) The interaction of Pax5 (BSAP) with Daxx can result in transcriptional activation in B cells. <i>J. Biol. Chem.</i> 277: 11156-11164.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Das, K.C. and Dashnamoorthy, R. (2004) Hyperoxia activates the ATR-Chk1 pathway and phosphorylates p53 at multiple sites. <i>Am J Physiol Lung Cell Mol Physiol.</i> 286: 87 - 97.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Collins, C., Medveczky, M., Lund, T., and Medveczky, P. (2002) The terminal repeats and latency-associated nuclear antigen of herpesvirus saimiri are essential for episomal persistence of the viral genome. <i>J. Gen. Virol.</i> 83: 2269 - 2278.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Clem, R.J. et al. (2001) c-IAP1 is Cleaved by Caspases to Produce a Pro-apoptotic C-terminal Fragment. <i>J. Biol. Chem.</i> 276: 7602 - 7608.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Chang, D-J., Li, X-C., Lee, Y-S., Kim, H-K., Kim, U.S., Cho, N.J., Lo, X., Weiss, K., Kandel, E., Kaang, B-K. (2000) Activation of a heterologously expressed octopamine receptor coupled only to adenylyl cyclase produces all the features of presynaptic facilitation in Aplysia sensory neurons. <i>Proc. Natl. Acad. Sci. USA</i> 97: 1829-1834.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Cairns, T.M., Milne, R.S.B. Ponce-de-Leon, M., Tobin, D.K., Cohen, G.H. and Eisenberg, R.J. (2003) Structure-Function Analysis of Herpes Simplex Virus Type 1 gD and gH-gL: Clues from gDgH Chimeras. <i>J. Virol.</i> 77: 6731 - 6742.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Carlson, K.A., Leisman, G., Limoges, J., Pohlman, G.D., Horiba, M., Buescher, J., Gendelman, H.E. and Ikezu, T. (2004) Molecular Characterization of a Putative Antiretroviral Transcriptional Factor, OTK18. <i>J. Immunol.</i> 172: 381 - 391.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Anton, F., Leverkoehne, I., Mundhenk, L., Thoreson, W.B. and Gruber, A.D. (2005) Overexpression of eCLCA1 in Small Airways of Horses with Recurrent Airway Obstruction. <i>J. Histochem. Cytochem.</i> 53: 1011 - 1021.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Park, S.G., Kim, H.J., Min, Y.H., Choi, E-C., Shin, Y.K., Park, B-J., Lee, S.W. and Kim, S. (2005) Human lysyl-tRNA synthetase is secreted to trigger proinflammatory response. <i>Proc. Natl. Acad. Sci. USA.</i> 102(18): p. 6356-6361.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Feng, Y-H, Wang, L., Wang, Q., Li, X., Zeng, R. and Gorodeski, G.I. (2005) ATP stimulates GRK-3 phosphorylation and {beta}-arrestin-2-dependent internalization of P2X7 receptor. <i>AJP: Cell.</i> 288(6): p. C1342-C1356.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Tangri, S., Mothe, B.R., Eisenbraun, J., Sidney, J., Southwood, S., Briggs, K., Zinckgraf, J., Bilsel, P., Newman, M., Chesnut, R., LiCalsi, C. and Sette, A. (2005) Rationally Engineered Therapeutic Proteins with Reduced Immunogenicity. <i>J. Immunol.</i> 174(6): 3187-3196.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Hemming M.L. and Selkoe, D.J. (2005) Amyloid {beta}-Protein Is Degraded by Cellular Angiotensin-converting Enzyme (ACE) and Elevated by an ACE Inhibitor
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Anton, F., Leverkoehne, I., Mundhenk, L., Thoreson, W.B. and Gruber, A.D. (2005) Overexpression of eCLCA1 in Small Airways of Horses with Recurrent Airway
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Yuan, Y. and Shen, Z. (2001) Interaction with BRCA2 Suggests a Role for Filamin-1 (hsFLNa) in DNA Damage Response. <i>J. Biol. Chem.</i> 276: 48318 - 48324.

Cell Type	Source	Genlantis Reagent	Citation
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Yu, J-Z and Rasenick, M.M. (2002) Real-Time Visualization of a Fluorescent Gs: Dissociation of the Activated G Protein from Plasma Membrane. <i>Mol. Pharmacol.</i> 61: 352 - 359.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Wang, QF, Lauring, J., & Schliessel, M. (2000) c-Myb Binds to a Sequence in the Proximal Region of the RAG-2 Promoter & Is Essential for Promoter Activity in T-Lineage Cells. <i>Molec &amp; Cell Biol</i> 20: 9203.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Wang, L., Sunyer, JO, and Bello, L.J. (2004) Fusion to C3d Enhances the Immunogenicity of the E2 Glycoprotein of Type 2 Bovine Viral Diarrhea Virus. <i>J. Virol.</i> 78: 1616 - 1622.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Theiler, R.N. and Compton, T. (2001) Characterization of the Signal Peptide Processing and Membrane Association of Human Cytomegalovirus Glycoprotein O. <i>J. Biol. Chem</i> 276: 39226.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Tchenio, T., Casella, J-F, and Heidmann, T. (2000) Members of the SRY Family Regulate the Human LINE Retrotransposons. <i>Nucl. Acids Res.</i> 28: 411-415.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Sundbäck, J., Achour, A., Michaëlsson, J., Lindström, H., and Kärre, K. (2002) NK Cell Inhibitory Receptor Ly-49C Residues Involved in MHC Class I Binding. <i>J. Immunol.</i> 168: 793 - 800.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Stier, S., Cheng, T., Forkert, R., Lutz, C., Dombkowski, D, Zhang, J.L., Scadden, D (2003) Ex vivo targeting p21Cip1/Waf1 permits relative expansion of human hematopoietic stem cells. <i>Blood</i> 102: 1260.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Song, S.W., Fuller, G.N., Khan, A., Kong, S., Shen, W., Taylor, E., Ramdas, L., Lang, F.F. and Zhang, W. (2003) Iip45, an insulin-like growth factor binding protein 2 (IGFBP-2) binding protein, antagonizes IGFBP-2 stimulation of glioma cell invasion. <i>PNAS</i> 100: 13970 - 13975.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Skowrya, D., Zeremski, M., Neznanov, N., Li, M., Choi, Y., Uesugi, M., Hauser, C.A., Gu, W., Gudkov, A.V., and Qin, J. (2001) Differential Association of Products of Alternative Transcripts of the Candidate Tumor Suppressor ING1with the mSin3/HDAC1 Transcriptional Corepressor Complex. <i>J. Biol. Chem.</i> 276: 8734-8739.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Singh, J. and Compton, T. (2000) Characterization of a Panel of Insertion Mutants in Human Cytomegalovirus Glycoprotein B. <i>J. Virology</i> 74: 1383-1392.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Sica, G.L., Zhu, G., Tamada, K., Liu, D., Ni, J., Chen, L. (2001) RELT, A New Member of the Tumor Necrosis Factor Receptor Superfamily, is Selectively Expressed in Hematopoietic Tissues and Activates Transcription Factor NFkB. <i>Blood</i> 97: 2702-2707.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Rossi, D., Simeoni, I., Micheli, M., Bootman, M., Lipp, P., Allen, P. and Sorrentino, V. (2002) RyR1 and RyR3 isoforms provide distinct intracellular Ca <sup>2+</sup> signals in 293 cells. <i>J. Cell Sci.</i> 115: 2497.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Roig, E.A., Richer, E., Canonne-Hergaux, F., Gros, P. and Cellier, M. F. M. (2002) Regulation of NRAMP1 gene expression in HL-60 phagocytes. <i>J. Leukoc. Biol.</i> 71: 890-904.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Rascón, A., Soderling, S.H., Schaefer, J.B. and Beavo, J.A. (2002) Cloning and characterization of a cAMP-specific phosphodiesterase (TbPDE2B) from <i>Trypanosoma brucei</i> . <i>PNAS</i> 99: 4714.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Post, S.R., Gass, C., Rice, S., Nikolic, D., Crump, H. and Post, G.R. (2002) Class A scavenger receptors mediate cell adhesion via activation of Gi/o and formation of focal adhesion complexes. <i>J. Lipid Res.</i> 43: 1829 - 1836.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Pan, Z-Z, Bruening, W., Giasson, B.I., Lee, V.M.Y. and Godwin, A.K. (2002) Gamma-Synuclein promotes cancer cell survival and inhibits stress- and chemotherapeutic drug-induced apoptosis by modulating MAPK pathways. <i>J. Biol. Chem.</i> 277: 35050-35060.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Ottolia, M., Philipson, K.D. and John, S. (2004) Conformational Changes of the Ca <sup>2+</sup> Regulatory Site of the Na <sup>+</sup> -Ca <sup>2+</sup> Exchanger Detected by FRET. <i>Biophys. J.</i> 87(2): p. 899-906.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Olah, Z., Karai, L., and Iadarola, M.J. (2001) Anandamide Activates Vanilloid Receptor 1 (VR1) at Acidic pH in Dorsal Root Ganglia Neurons and Cells Ectopically Expressing VR1. <i>J. Biol. Chem.</i> 276: 31163-31170.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Nefedova, Y., Huang, M., Kusmartsev, S., Bhattacharya, R., Cheng, P., Salup, R., Jove, R. and Gabrilovich, D. (2004) Hyperactivation of STAT3 Is Involved in Abnormal Differentiation of Dendritic Cells in Cancer. <i>J. Immunol.</i> 172: 464 - 474.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Nefedova, Y., Cheng, P., Alsina, M., Dalton, W.S. and Gabrilovich, D.I. (2003) Notch-1 signaling is involved in bone marrow stroma mediated de novo drug resistance of myeloma and other malignant lymphoid cell lines. <i>Blood</i> 103(9): p. 3503-3510.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Nakagawa, K. and Yokosawa, H. (2000) Degradation of Transcription Factor IRF-1 by the Ubiquitin-Proteasome Pathway. <i>Eur J. Biochem.</i> 267: 1680-1686.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Mirzabekov, T., Bannert, N., Farzan, M., Hofmann, W., Kolchinsky, P., Wu, L., Wyatt, R., and Sodroski, J. (1999) Enhanced Expression, Native Purification, and Characterization of CCR5, a Principal HIV-1 Coreceptor. <i>J. Biol. Chem.</i> 274: 28745-28750.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Meriin, A.B., Zhang, X., Miliaras, N.B., Kazantsev, A., Chernoff, Y.O., McCaffery, J.M., Wendland, B. and Sherman, M.Y. (2003) Aggregation of Expanded Polyglutamine Domain in Yeast Leads to Defects in Endocytosis. <i>Mol. Cell Biol.</i> 23: 7554 - 7565.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Meriin, A.B., Mabuchi, K., Gabai, V.L., Yaglom, J.A., Kazantsev, A., Sherman, M.Y. (2001) Intracellular Aggregation of Polypeptides with Expanded Polyglutamine Domain is Stimulated by Stress-Activated Kinase MEK1. <i>J. Cell Biol.</i> 153: 851.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Manjithaya, R.R. and Dighe, R.R. (2004) The 3' Untranslated Region of Bovine Follicle-Stimulating Hormone {beta} Messenger RNA Downregulates Reporter Expression: Involvement of AU-Rich Elements and Transfactors. <i>Biol. Reprod.</i> 71(4): 1158-1166.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Macris, M.A. and Glazer, P.M. (2003) Transcription Dependence of Chromosomal Gene Targeting by Triplex-forming Oligonucleotides. <i>J. Biol. Chem.</i> 278: 3357 - 3362.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Lee, B., Leslie, G., Soilleux, E., O'Doherty, U., Baik, S., Levrony, E., Flummerfelt, K., Swiggard, W., Coleman, N., Malim, M., and Doms, R.W. (2001) cis Expression of DC-SIGN Allows for More Efficient Entry of Human and Simian Immunodeficiency Viruses via CD4 and a Coreceptor. <i>J. Virol.</i> 75: 12028 - 12038.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Kraev, A., Quednau, B.D., Leach, S., Li, X-F, Dong, H., Winkfein, R., Perizzolo, M., Cai, X., Yang, RM, Philipson, K.D., and Lytton, J. (2001) Molecular Cloning of a Third Member of the Potassium-dependent Sodium-Calcium Exchanger Gene Family, NCKX3. <i>J. Biol. Chem.</i> 276: 23161-23172.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Ko, Y-G, Park, H., Kim, T., Lee, J-W, Park, S.G., Seol, W., Kim, J.E., Lee, W-H, Kim, S-H, Park, J-E, and Kim, S. (2001) A Cofactor of tRNA Synthetase, p43, Is Secreted to Up-regulate Proinflammatory Genes. <i>J. Biol. Chem.</i> 276: 23028-23033.

Cell Type	Source	Genlantis Reagent	Citation
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Ko, Y-G., Kim, E-K., Kim, T., Park, H., Park, H-S., Choi, E-J., and Kim, S. (2001) Glutamine-dependent Anti-apoptotic Interaction of Human Glutamyl-tRNA Synthetase with Apoptosis Signal-regulating Kinase 1. <i>J. Biol. Chem.</i> 276: 6030-6036.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Ko, Y-G, Kang, Y-S, Park, H., Seol, W., Kim, J., Kim, T., Park, H-S, Choi, E-J and Kim, S. (2001) Apoptosis Signal-regulating Kinase 1 Controls the Proapoptotic Function of Death-associated Protein (Daxx) in the Cytoplasm. <i>J. Biol. Chem.</i> 276: 39103-39106.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Kim, T., Park, S.G., Kim, J.E., Seol, W., Ko, Y.-G., Kim, S. (2000) Catalytic Peptide of Human Glutamyl-tRNA Synthetase is essential for its assembly to the aminoacyl-tRNA synthetase complex. <i>J. Biol Chem</i> 275: 21768-21772.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Kim, J.E., Kim, K-H, Lee, S.W., Seol, W., Shiba, K., Kim, S (2000) An Elongation Factor-associating Domain is Inserted into Human Cysteinyl-tRNA Synthetase by Alternative Splicing. <i>Nucl. Acids. Res.</i> 28: 2866-2872.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Kenny, B. and Warawa, J. (2001) Enteropathogenic Escherichia coli (EPEC) Tir Receptor Molecule Does Not Undergo Full Modification When Introduced into Host Cells by EPEC-Independent Mechanisms. <i>Infection &amp; Immunity</i> 69: 1444-1453.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Joshi, P. and Prasad V.R. (2002) Potent Inhibition of Human Immunodeficiency Virus Type 1. Replication by Template Analog Reverse Transcriptase Inhibitors Derived by SELEX (Systematic Evolution of Ligands by Exponential Enrichment) . <i>J. Virol.</i> 76: 6545 - 6557.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Huse, J., Pijak, D., Leslie, G., Lee, V., Doms, R. (2000) Maturation and Endosomal Targeting of beta-Site Amyloid Precursor Protein-cleaving Enzyme. <i>THE ALZHEIMER'S DISEASE -SECRETASE.</i> <i>J. Biol. Chem.</i> 275: 33729-33737.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Huse, J.T., Byant, D., Yang, Y., Pijak, D.S., D'Souza, I., Lah, J.J., Lee, V.M.Y., Doms, R.W. and Cook, D.G. (2003) Endoproteolysis of beta-Secretase (beta-Site Amyloid Precursor Protein-cleaving Enzyme) within Its Catalytic Domain. A POTENTIAL MECHANISM FOR REGULATION. <i>J. Biol. Chem.</i> 278: 17141 - 17149.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Amir, S., Wang, R., Matzkin, H., Simons, J.W. and Mabeesh, N.J. (2006) MSF-A Interacts with Hypoxia-Inducible Factor-1{alpha} and Augments Hypoxia-Inducible Factor Transcriptional Activation to Affect Tumorigenicity and Angiogenesis. <i>Cancer Res.</i> 66(2): 856-866.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Tsakadze, N.L., Sithu, S.D., Sen, U., English, W.R., Murphy, G., and D'Souza, S.E. (2006) Tumor Necrosis Factor- $\alpha$ -converting Enzyme (TACE/ADAM-17) Mediates the Ectodomain Cleavage of Intercellular Adhesion Molecule-1 (ICAM-1). <i>J. Biol. Chem.</i> 281(6): 3157-3164.
Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Pache, J.C., Burton, D.W., Deftos, L.J. and Hastings, R.H. (2006) A Carboxyl Leucine-Rich Region of Parathyroid Hormone-Related Protein Is Critical for Nuclear Export. <i>Endocrinology.</i> 147(2): 990-998.
Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Babcock, G.J., Farzan, M., and Sodroski, J. (2003) Ligand-independent Demerization of CXCR4, a Principal HIV-1 Coreceptor. <i>J. Biol. Chem.</i> 278: 3378 - 3385.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Bender, F.C., Whitbeck, J.C., Ponce de Leon, M., Lou, H., Eisenberg, R.J. and Cohen, G.H. (2003) Specific Association of Glycoprotein B with Lipid Rafts during Herpes Simplex Virus Entry. <i>J. Virol.</i> 77: 9542 - 9552.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Beck, C.G., Studer, C., Zuber, J-F., Demange, B.J., Manning, U, and Urfer, R. (2001) The viral CC chemokine binding protein vCCI inhibits monocyte chemoattractant protein-1 activity by masking its CCR2B binding site. <i>J. Biol. Chem</i> 276: 43270-43276.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Bell, D.C., Butcher, A.J., Berrow, N.S., Page, K.M., Brust, P.F., Nesterova, A., Stauderman, K.A., Seabrook, G.R., Nürnberg, B., and Dolphin, A.C. (2001) Biophysical Properties, Pharmacology, and Modulation of Human, Neuronal L-Type (1D, CaV 1.3) Voltage-Dependent Calcium Currents. <i>J. Neurophysiol</i> 85: 816-827.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Basmaciogullari, S., Babcock, G.J., Van Ryk, D., Wojtowicz, W. and Sodroski, J. (2002) Identification of Conserved and Variable Structures in the Human Immunodeficiency Virus gp120 Glycoprotein of Importance for CXCR4 Binding. <i>J. Virol.</i> 76: 10791 - 10800.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Barlev, N.A., Emelyanov, A.V., Castagnino, P., Zegerman, P., Bannister, A.J., Sepulveda, M.A., Robert, F., Tora, L., Kouzarides, T., Birshstein, B.K. and Berger, S.L. (2003) A Novel Human Ada2 Homologue Functions with Gcn5 or Brg1 To Coactivate Transcription. <i>Mol. Cell. Biol.</i> 23: 6944 - 57.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Ali, A., Pillai, S., Ng, H., Lubong, R., Richman, D.D., Jamieson, B.D., Ding, Y., McElrath, M.J., Guatelli, J.C., and Yang, O.O. (2003) Broadly Increased Sensitivity to Cytotoxic T Lymphocytes Resulting from Nef Epitope Escape Mutations. <i>J. Immunol.</i> 171: 3999-4005.
Embryonic Kidney	Human	GenePORTER 2 Reagent	Mo, J-S, Kim, M-Y, Han, S-O, Kim, I-N, Ann, E-J, Lee, K.S., Seo, M-S, Kim, J-Y, Lee, S-C, Park, J-W, Choi, E-J, Seong, J.Y., Joe, C.O., Faessler, R. and Park, H-S. (2007) Integrin-Linked Kinase Controls Notch1 Signaling by Down-Regulation of Protein Stability through Fbw7 Ubiquitin Ligase. <i>Mol. Cell. Biol.</i> 27(15): p. 5565-5574.
Embryonic Kidney	Human	GenePORTER 2 Reagent	Frauensschuh, A., Power, C.A., Deruaz, M., Ferreira, B.R., Silva, J.S., Teixeira, M.M., Dias, J.M., Martin, T., Wells, T.N.C. and Proudfoot, A.E.I. (2007) Molecular Cloning and Characterization of a Highly Selective Chemokine-binding Protein from the Tick <i>Rhipicephalus sanguineus</i> <i>J. Biol. Chem.</i> 282(37): p. 27250-27258.
Embryonic Kidney	Human	GenePORTER 2 Reagent	Emelyanov, A., Gao, Y., Naqvi, N.I. and Parinov, S. (2006) Trans-Kingdom Transposition of the Maize Dissociation Element. <i>Genetics.</i> 174(3): p. 1095-1104.
Embryonic Kidney	Human	GenePORTER Reagent	Horiba, M., Martinez, L.B., Buescher, J.L., Sato, S., Limoges, J., Jiang, Y., Jones, C. and Ikezu, T. (2007) OTK18, a zinc-finger protein, regulates human immunodeficiency virus type 1 long terminal repeat through two distinct regulatory regions. <i>J. Gen Virol</i> 88 (Pt 1): 236 - 241.
Embryonic Fibroblast	Human	GenePORTER Reagent	Ottolia, M., John, S., Ren, X. and Philipson, K.D. (2007) Fluorescent Na <sup>+</sup> -Ca <sup>+</sup> Exchangers: Electrophysiological and Optical Characterization. <i>J. Biol. Chem.</i> 282(6): 3695-3701.
Embryonic Kidney	Human	GenePORTER 2 Reagent	Musiek, E., Brooks, J.D., Joo, M., Brunoldi, E., Porta, A., Zaroni, G., Vidari, G., Blackwell, T.S., Montine, T.J., Milne, G.L., McLaughlin, BA and Morrow, J.D. (2008) Electrophilic Cyclopentenone Neuroprostanes are Anti-inflammatory Mediators Formed from the Peroxidation of the $\omega$ -3 Polyunsaturated Fatty Acid Docosahexaenoic Acid. <i>J. Biol. Chem.</i> 283: 19927 - 19935.
Embryonic Kidney	Human	GenePORTER 2 Reagent	Kirschner, K.M., Hagen, P., Hussels, C.S., Ballmaier, M., Scholz, H. and Dame, C. (2008)The Wilms' tumor suppressor Wt1 activates transcription of the erythropoietin receptor in hematopoietic progenitor cells. <i>FASEB J.</i> published 18 April 2008, 10.1096/fj.07-097576.

Cell Type	Source	Genlantis Reagent	Citation
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Hannah, B.P., Heldwein, E.E., Bender, F.C., Cohen, G.H. and Eisenberg, R.J. (2007) Mutational Evidence of Internal Fusion Loops in Herpes Simplex Virus Glycoprotein B. <i>J. Virol.</i> 2007; 81(9): p. 4858-4865.
Embryonic Kidney	Human	GenePORTER Reagent	Meriin, A.B., Zhang, X.Q., Alexandrov, I.M., Salnikova, A.B., Ter-Avanesian, M.D., Chernoff, Y.O. and Sherman, M.Y. (2007) Endocytosis machinery is involved in aggregation of proteins with expanded polyglutamine domains. <i>FASEB J.</i> 21(8): 1915-1925.
Embryonic Kidney	Human	GenePORTER Reagent	Cairns, T.M., Friedman, L.S., Lou, H., Whitbeck, J.C., Shaner, M.S., Cohen, G.H. and Eisenberg, R.J., (2007) N-terminal mutants of HSV-2 gH are transported without gL but require gL for function. <i>J. Virol.</i> 81(10): 5102-5111.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Ohgami, R.S., Campagna, D.R., McDonald, A. and Fleming, M.D. (2006) The Steap proteins are metalloreductases. <i>Blood</i> 108: 1388 - 1394.
Embryonic Kidney	Human	GenePORTER Reagent	Calin-Jageman, I., Yu, K., Hall, R.A., Mei, L. and Lee, A. (2007) Erbin Enhances Voltage-Dependent Facilitation of Ca <sub>v</sub> 1.3 Ca <sup>2+</sup> Channels through Relief of an Autoinhibitory Domain in the Ca <sub>v</sub> 1.3α1 Subunit. <i>J. Neurosci.</i> 27(6):1374 - 1385.
Embryonic Kidney	Human	GenePORTER 2 Reagent	Ye, Z. and Gan, Y-H (2007) Flagellin contamination of recombinant heat shock protein 70 is responsible for its activity on T cells. <i>J Biol Chem</i> 282: 4479 - 4484.
Embryonic Fibroblast	Human	GenePORTER Reagent	Tippens, A.L. and Lee, A. (2007) Caldendrin, a Neuron-specific Modulator of Cav1.2 (L-type) Ca <sup>2+</sup> Channels. <i>J. Biol. Chem.</i> 282(11): 8464-8473.
Embryonic Kidney	Human	GenePORTER Reagent	Lee, A., Jimenez, A., Cui, G. and Haeseleer, F. (2007) Phosphorylation of the Ca <sup>2+</sup> -Binding Protein CaBP4 by Protein Kinase C {zeta} in Photoreceptors. <i>J. Neurosci.</i> 27 (46): 12743-12754.
Embryonic Kidney	Human	GenePORTER Reagent	Zhao-Qiu Wu, Xiaoming Yang, and Xiaoqi Liu (2008) PLK1 Phosphorylation of TRF1 is Essential for its Binding to Telomeres. <i>JBC Papers in Press.</i> Published on July 14, 2008 as Manuscript M803304200.
Embryonic Kidney	Human	GenePORTER Reagent	Lazear, E., Carfi, A., Whitbeck, J.C., Cairns, T.M., Krummenacher, C., Cohen, G.H. and Eisenberg, R.J. (2008) Engineered Disulfide Bonds in Herpes Simplex Virus Type 1 gD Separate Receptor Binding from Fusion Initiation and Viral Entry. <i>J. Virol.</i> 82(2): 700-709.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Yu, C., Shen, K., Lin, M., Chen, P., Lin, C., Chang, G-D and Chen, H. (2002) GCMA Regulates the Syncytin-mediated Trophoblastic Fusion. <i>J. Biol. Chem.</i> 277: 50062 - 50068.
Cervical Carcinoma	Human	GenePORTER 2 Transfection Reagent	Yu, Z., Sanchez-Velaz, N., Catrina, I.E., Kittler, E.L.W., Udofia, E.B., and Zapp, M.L (2005) The cellular HIV-1 Rev cofactor hRIP is required for viral replication. <i>Proc. Natl. Acad. Sci. USA.</i> 102(11): p. 4027-4032.
Cervical Carcinoma	Human	GenePORTER 2 Transfection Reagent	Spankuch, B., Matthes, Y., Knecht, R., Zimmer, B., Kaufmann, M. and Strebhardt, K. (2004) Cancer Inhibition in Nude Mice After Systemic Application of U6 Promoter-Driven Short Hairpin RNAs Against PLK1. <i>J. Natl. Cancer Inst.</i> 96(11): p. 862-872
Cervical Carcinoma	Human	GenePORTER 2 Transfection Reagent	Li, D., Yamada, T., Wang, F., Vulin, A.I. and Samuels, H.H. (2004) Novel Roles of Retinoid X Receptor (RXR) and RXR Ligand in Dynamically Modulating the Activity of the Thyroid Hormone Receptor/RXR Heterodimer. <i>J. Biol. Chem.</i> 279: 7427 - 7437.
Cervical Carcinoma	Human	GenePORTER 2 Transfection Reagent	Kaluz, S., Kaluzová, M., Chrástina, A., Olive, P., Pastoreková, S., Pastorek, J., Lerman, M. and Stanbridge, E. (2002) Lowered Oxygen Tension Induces Expression of the Hypoxia Marker MN/Carbonic Anhydrase IX in the Absence of Hypoxia-inducible Factor 1 Stabilization: A Role for Phosphatidylinositol 3'-Kinase. <i>Cancer Res.</i> 62: 4469 - 4477.
Cervical Carcinoma	Human	GenePORTER 2 Transfection Reagent	Hegde, N.R. and Johnson, D.C. (2003) Human Cytomegalovirus US2 Causes Similar Effects on Both Major Histocompatibility Complex Class I and II Proteins in Epithelial and Glial Cells. <i>J. Virol.</i> 77: 9287 - 9294.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Yamaji, R., Adamik, R., Takeda, K., Togawa, A., Pacheco-Rodriguez, G., Ferrans, V., Moss, J., Vaughan, M. (2000) Identification and localization of two brefeldin A-inhibited guanine nucleotide-exchange proteins for ADP-ribosylation factors in a macromolecular complex. <i>Proc. Natl. Acad. Sci. USA</i> 97: 2567.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Xiao, G-H, Beeser, A., Chernoff, J., and Testa, J.R. (2002) p21-activated Kinase Links Rac/Cdc42 Signaling to Merlin. <i>J. Biol. Chem.</i> 277: 883 - 886.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Ubeda, M., Vallejo, M., and Habener, J.F. (1999) CHOP Enhancement of Gene Transcription by Interactions with Jun/Fos AP-1 Complex Proteins. <i>Molec &amp; Cell Biol.</i> 19 (11): 7589-7599.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Ubeda, M. and Habener, J.F. (2003) CHOP transcription factor phosphorylation by casein kinase 2 inhibits transcriptional activation. <i>J. Biol. Chem.</i> 278: 40514-40520.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Teramachi, S., Imagawa, T., Kaya, S. and Taniguchi, K. (2002) Replacement of Several Single Amino Acid Side Chains Exposed to the Inside of the ATP-binding Pocket Induces Different Extents of Affinity Change in the High and Low Affinity ATP-binding Sites of Rat Na/K-ATPase. <i>J. Biol. Chem.</i> 277: 37394 - 37400.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Telenti, A., Martinez, R., Munoz, M., Bleiber, G., Greub, G., Sanglard, D., and Peters, S. (2002) Analysis of Natural Variants of the Human Immunodeficiency Virus Type 1 gag-pol Frameshift Stem-Loop Structure. <i>J. Virol.</i> 76: 7868 - 7873.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Springs, S.L., Diavolitsis, V.M., Goodhouse, J. and McLendon, G.L. (2002) The Kinetics of Translocation of Smac/DIABLO from the Mitochondria to the Cytosol in HeLa Cells. <i>J. Biol. Chem</i> 277: 45715 - 45718.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Singh, M., Briones, M., Ott, G., O., Hagan, D. (2000) Cationic microparticles: A potent delivery system for DNA Vaccines. <i>Proc. Natl. Acad. Sci. USA</i> 97: 811-816.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Olson, F.J., Johansson, M.E.V., Klinga-Levan, K., Bouhours, D., Enerbäck, L., Hansson, G.C. and Karlsson, N.G. (2002) Blood Group A Glycosyltransferase Occurring as Alleles with High Sequence Difference Is Transiently Induced during a Nippostrongylus brasiliensis Parasite Infection. <i>J. Biol. Chem.</i> 277: 15044 - 15052.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Nakagawa, K. and Yokosawa, H. (2000) Degradation of Transcription Factor IRF-1 by the Ubiquitin-Proteasome Pathway. <i>Eur. J. Biochem.</i> 267: 1680-1686.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Nagpal, S., Ghosh, C., DiSepio, D., Molina, Y., Sutter, M., Klein, E., Chandraratna, R. (1999) Retinoid-dependent Recruitment of a Histone H1 Displacement Activity by Retinoic Receptor. <i>J. Biol. Chem.</i> 274: 22563-22568.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Murakumo, Y., Ogura, Y., Ishii, H., Numata, S-i, Ichihara M., Croce, C.M., Fishel, R., and Takahashi, M. (2001) Interactions in the Error-prone Postreplication Repair Proteins hREV1, hREV3, and hREV7. <i>J. Biol. Chem</i> 276: 35644-35651.

Cell Type	Source	Genlantis Reagent	Citation
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Mirzabekov, T., Bannert, N., Farzan, M., Hofmann, W., Kolchinsky, P., Wu, L., Wyatt, R., and Sodroski, J. (1999) Enhanced Expression, Native Purification, and Characterization of CCR5, a Principal HIV-1 Coreceptor. <i>J. Biol. Chem.</i> 274: 28745-28750. <a href="#">ζ</a>
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Mihaylova, V.T., Bindra, R.S., Yuan, J., Campisi, D., Narayanan, L., Jensen, R., Giordano, F., Johnson, R.S., Rockwell, S., and Glazer, P.M. (2003) Decreased Expression of the DNA Mismatch Repair Gene Mlh1 under Hypoxic Stress in Mammalian. <i>Cells. Mol. Cell. Biol.</i> 23: 3265 - 3273.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Meriin, A.B., Mabuchi, K., Gabai, V.L., Yaglom, J.A., Kazantsev, A., Sherman, M.Y. (2001) Intracellular Aggregation of Polypeptides with Expanded Polyglutamine Domain is Stimulated by Stress-Activated Kinase MEKK1. <i>J. Cell Biol.</i> 153: 851.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Liu, X. and Erikson R.L. (2003) Polo-like kinase (Plk1) depletion induces apoptosis in cancer cells. <i>ζ PNAS</i> 100: 5789 - 5794.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Li, W., Hesabi, B., Babbo, A., Pacione, C., Liu, J., Chen, D.J., Nickloff, J.A. and Shen, Z (2000) Regulation of Double-Strand Break-Induced Mammalian Homologous Recombination by UBL1, a RAD51-Interacting Protein. <i>ζ Nucl. Acids Res.</i> 28 (5): 1145-1153.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Li, D-P, Periyasamy, S., Jones, T.J., and Sanchez, E.R. (2000) Heat and Chemical Shock Potentiation of Glucocorticoid Receptor Transactivation. <i>J. Biol. Chem.</i> 275: 26058.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Lee, M., Hwang, J-T, Lee, H-J, Jung, S-N, Kang, I., Chi, S-J, Kim, S-S and Ha, J. (2003) AMP-activated Protein Kinase Activity Is Critical for Hypoxia-inducible Factor-1 Transcriptional Activity and Its Target Gene Expression under Hypoxic Conditions in DU145 Cells. <i>ζ J. Biol. Chem.</i> 278: 39653 - 39661.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Kimura, H., Cook, P.R. (2001) Kinetics of Core Histones in Living Human Cells: Little Exchange of H3 and H4 and Some Rapid Exchange of H2B. <i>J. Cell Biology</i> 153: 1341.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Kaur, B., Brat, D.J., Calkins, C.C. and Van Meir, E.G. (2003) Brain Angiogenesis Inhibitor 1 Is Differentially Expressed in Normal Brain and Glioblastoma Independently of p53 Expression. <i>Am. J. Pathol.</i> 162: 19 - 27.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Kang, Y. and Cullen, B.R. (1999) The Human Tap Protein is a Nuclear mRNA Export Factor That Contains Novel RNA-Binding and Nucleocytoplasmic Transport Sequences. <i>Genes &amp; Dev.</i> 13 (9): 1126-1139.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Kamikura, D.M., Khoury, H., Maroun, C., Naujokas, M.A., Park, M. (2000) Enhanced Transformation by a Plasma Membrane-Associated Met Oncoprotein: Activation of a Phosphoinositide 3'-Kinase-Dependent Autocrine Loop Involving Hyaluronic Acid and CD44. <i>ζ Molec. &amp; Cell Biol.</i> 20: 3482-3496.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Imagawa, T., Kaya, S., and Taniguchi, K. (2003) The Amino Acid Sequence 442GDASE446 in Na/K-ATPase Is an Important Motif in Forming the High and Low Affinity ATP Binding Pockets. <i>J. Biol. Chem.</i> 278: 50283 - 50292.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Imagawa, T., Yamamoto, T., Kaya, S., Sakaguchi, K. and Taniguchi, K. (2005) Thr-774 (Transmembrane Segment M5), Val-920 (M8), and Glu-954 (M9) Are Involved in Na <sup>+</sup> Transport, and Gln-923 (M8) Is Essential for Na,K-ATPase Activity. <i>J. Biol. Chem.</i> 280(19): p. 18736-18744.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Emert-Sedlak, L., Shangary, S., Rabinovitz, A., Miranda, M.B., Delach, S.M. and Johnson, D.E. (2005) Involvement of cathepsin D in chemotherapy-induced cytochrome c release, caspase activation, and cell death. <i>Mol. Cancer Ther.</i> 4(5): p. 733-742.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Huse, J., Pijak, D., Leslie, G., Lee, V., Doms, R. (2000) Maturation and Endosomal Targeting of $\zeta$ -Site Amyloid Precursor Protein-cleaving Enzyme. <i>J. Biol. Chem.</i> 275: 33729-33737.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Gubitz, A.K., Mourelatos, Z., Abel, L., Rappsilber, J., Mann, M., and Dreyfuss, G. (2002) Gemin5, a Novel WD Repeat Protein Component of the SMN Complex That Binds Sm Proteins. <i>J. Biol. Chem.</i> 277: 5631 - 5636. <a href="#">ζ</a>
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Emelyanov, A., Kovac, C., Sepulveda, M. and Birshtein, B. (2002) The interaction of Pax5 (BSAP) with Daxx can result in transcriptional activation in B cells. <i>J. Biol. Chem</i> 277: 11156-11164.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Chang, C., Chen, P-T, Chang, G-D, Huang, C-J and Chen, H. (2004) Functional Characterization of the Placental Fusogenic Membrane Protein Syncytin. <i>Biol. Reprod.</i> 71(6): 1956-1962.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Cecil, A.A. and Klemsz, M.J. (2004) p38 activation through Toll-like receptors modulates IFN-(gamma)-induced expression of the Tap-1 gene only in macrophages. <i>J. Leukoc. Biol.</i> 75: 560.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Calkhoven, C.F., Muller, and C., Leutz, A. (2000) Translational Control of C/EBP(alpha) and C/EBP(beta) Isoform Expression. <i>Genes &amp; Dev.</i> 14: 1920-1932.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Bleiber, G., Peters, S., Martinez, R., Cmarko, D., Meylan, P. and Telenti, A. (2004) The central region of human immunodeficiency virus type 1 p6 protein (Gag residues S147I31) is dispensable for the virus in vitro. <i>J. Gen. Virol.</i> 85: 921 - 927.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Bleiber, G., Munoz, M, Ciuffi, A., Meylan, P., Telenti, A. (2001) Individual Contributions of Mutant Protease and Reverse Transcriptase to Viral Infectivity, Replication, and Protein Maturation of Antiretroviral Drug-Resistant Human Immunodeficiency Virus Type 1. <i>ζ J. Virology</i> 75: 3291-3300.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Shen, P., Liu, M.H., Ng, T. Y., Chan, Y. H. and Yong, E. L. (2006) Differential Effects of Isoflavones, from Astragalus Membranaceus and Pueraria Thomsonii, on the Activation of PPAR{alpha}, PPAR{gamma}, and Adipocyte Differentiation in vitro. <i>J. Nutr.</i> 136(4): p. 899-905.
Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Rhiemeier, V., Breitenbach, U., Richter, K.H., Gebhardt, C., Vogt, I., Hartenstein, B., Furstenberger, G., Mauch, C., Hess, J. and Angel, P. (2006) A Novel Aspartic Proteinase-Like Gene Expressed in Stratified Epithelia and Squamous Cell Carcinoma of the Skin. <i>Am. J. Pathol.</i> 168(4): p. 1354-1364.
Cervical Carcinoma	Human	GenePORTER	Tang, J., Erikson, R.L. and Liu, X. (2006) Checkpoint kinase 1 (Chk1) is required for mitotic progression through negative regulation of polo-like kinase 1 (Plk1). <i>PNAS</i> 103: 11964 - 11969.
Cervical Carcinoma	Human	GenePORTER 2 Transfection Reagent	Pache, J.C., Burton, D.W., Deftos, L.J. and Hastings, R.H. (2006) A Carboxyl Leucine-Rich Region of Parathyroid Hormone-Related Protein Is Critical for Nuclear Export. <i>Endocrinology.</i> 147(2): 990-998.
Cervical Carcinoma	Human	GenePORTER Reagent	Blume, C., Benz, P.M., Walter, U., Ha, J., Kemp, B.E. and Renne, T. (2007) AMP-activated protein kinase impairs endothelial actin cytoskeleton assembly by phosphorylating vasodilator-stimulated phosphoprotein. <i>J. Biol. Chem.</i> 282:4601 - 4612.
Cervical Carcinoma	Human	GenePORTER Reagent	Zhou, T., Zimmerman, W., Liu, X. and Erikson, R.L. (2006) A mammalian NudC-like protein essential for dynein stability and cell viability. <i>Proc. Natl. Acad. Sci.</i> 103: 9039 - 9044.
Cervical Carcinoma	Human	GenePORTER 2 Reagent	Hallhuber, M., Burkard, N., Wu, R., Buch, M.H., Engelhardt, S., Hein, L., Neyses, L., Schuh, K., and Ritter, O. (2006) Inhibition of Nuclear Import of Calcineurin Prevents Myocardial Hypertrophy. <i>Circ. Res.</i> 2006; 99(6): 626-635.

Cell Type	Source	Genlantis Reagent	Citation
Cervical Carcinoma	Human	GenePORTER Reagent	Zimmerman, W.C. and Erikson, R.L. (2007) Polo-like kinase 3 is required for entry into S phase Proc. Natl. Acad. Sci. 104(6): 1847-1852.
Cervical Carcinoma	Human	GenePORTER Reagent	Liu, Y., Nairn, R.S. and Vasquez, K.M. (2008) Processing of triplex-directed psoralen DNA interstrand crosslinks by recombination mechanisms Nucleic Acids Res. 36: 4680 - 4688.
Cervical Carcinoma	Human	GenePORTER Reagent	Zhao-Qiu Wu, Xiaoming Yang, and Xiaoqi Liu (2008) PLK1 Phosphorylation of TRF1 is Essential for its Binding to Telomeres. JBC Papers in Press. Published on July 14, 2008 as Manuscript M803304200.
Cervical Carcinoma	Human	GenePORTER Reagent	Dodeller, F., Gottar, M., Huesken, D., Iourgenko, V. and Cenni, B. (2008) The lysosomal transmembrane protein 9B regulates the activity of inflammatory signaling pathways. J Biol Chem 283: 21487 - 21494.
Epithelial Cells	Human	GenePORTER 2 Reagent	Reardon, C. and McKay, D.M. (2007) TGF- $\beta$ Suppresses IFN- $\gamma$ -STAT1-Dependent Gene Transcription by Enhancing STAT1-PIAS1 Interactions in Epithelia but Not Monocytes/Macrophages. J. Immunol. 178(7): p. 4284-4295.
Hepatocellular Carcinoma	Human	GenePORTER 2 Transfection Reagent	Osada, M., Imaoka, S., Sugimoto, T., Hiroi, T., and Funae, Y. (2002) NADPH-Cytochrome P-450 Reductase in the Plasma Membrane Modulates the Activation of Hypoxia-inducible Factor 1. J. Biol. Chem. 277: 23367 - 23373.
Hepatocellular Carcinoma	Human	GenePORTER Transfection Reagent	Yao, X., Hu, J-F, Daniels, M., Shiran, H., Zhou, X., Yan, H., Lu, H., Zeng, Z. (2003) Qingxue Wang, Tao Li, and Andrew R. Hoffman A methylated oligonucleotide inhibits IGF2 expression and enhances survival in a model of hepatocellular carcinoma. J. Clin. Invest. 111: 265 - 273.
Hepatocellular Carcinoma	Human	GenePORTER Transfection Reagent	Gangneux, C., Daveau, M., Hiron, M., Derambure, C., Papaconstantinou, J. and Salier, J.P. (2003) The inflammation-induced down-regulation of plasma Fetuin-A (alpha2HS-Glycoprotein) in liver results from the loss of interaction between long C/EBP isoforms at two neighbouring binding sites. Nucleic Acids Res. 31: 5957 - 5970.
Hepatoma	Mouse	GenePORTER Transfection Reagent	Elbi, C., Misteli, T. and Hager, G. (2002) Recruitment of Dioxin Receptor to Active Transcription Sites. Mol. Biol. Cell 13: 2001 - 2015.
Hepatocellular Carcinoma	Human	GenePORTER 2 Transfection Reagent	Kamada, S., Kikkawa, U., Tsujimoto, Y. and Hunter, T. (2005) Nuclear Translocation of Caspase-3 Is Dependent on Its Proteolytic Activation and Recognition of a Substrate-like Protein(s). J. Biol. Chem. 280(2): p. 857-860.
Hepatocellular Carcinoma	Human	GenePORTER 2 Transfection Reagent	Gray, P.C., Harrison, C.A. and Vale, W. (2003) Cripto forms a complex with activin and type II activin receptors and can block activin signaling. Proc. Natl. Acad. Sci. 100: 5193 - 5198.
Hepatocellular Carcinoma	Human	GenePORTER Transfection Reagent	Yao, X., Hu, J-F, Daniels, M., Shiran, H., Zhou, X., Yan, H., Lu, H., Zeng, Z. (2003) Qingxue Wang, Tao Li, and Andrew R. Hoffman A methylated oligonucleotide inhibits IGF2 expression and enhances survival in a model of hepatocellular carcinoma. J. Clin. Invest. 111: 265 - 273.
Hepatocellular Carcinoma	Human	GenePORTER Transfection Reagent	Yamaji, R., Adamik, R., Takeda, K., Togawa, A., Pacheco-Rodriguez, G., Ferrans, V., Moss, J., Vaughan, M. (2000) Identification and localization of two brefeldin A-inhibited guanine nucleotide-exchange proteins for ADP-ribosylation factors in a macromolecular complex. Proc. Natl. Acad. Sci. USA 97: 2567.
Hepatocellular Carcinoma	Human	GenePORTER Transfection Reagent	Mooney, R.A., Senn, J., Cameron, S., Inamdar, N., Boivin, L.M., Shang, Y., and Furlanetto, R.W. (2001) Suppressors of cytokine signaling (SOCS)-1 and 6 associate with and inhibit the insulin receptor: A potential mechanism for cytokine mediated insulin resistance. J. Biol. Chem 276: 25889.
Hepatocellular Carcinoma	Human	GenePORTER Transfection Reagent	Lee, M., Hwang, J-T., Lee, H-J., Jung, S-N., Kan, I., Chi, S-G., Kim, S-S., and Ha, J. (2003) AMP-activated Protein Kinase Activity Is Critical for Hypoxia-inducible Factor-1 Transcriptional Activity and Its Target Gene Expression under Hypoxic Conditions in DU145 Cells. J. Biol. Chem. 278: 39653-61.
Hepatocellular Carcinoma	Human	GenePORTER Transfection Reagent	Huse, J.T., Byant, D., Yang, Y., Pijak, D.S., D'Souza, I., Lah, J.J., Lee, V.M.Y., Doms, R.W. & Cook, D.G. (2003) Endoproteolysis of B-Secretase (B-Site Amyloid Precursor Protein-cleaving Enzyme) within Its Catalytic Domain. A Potential Mechanism For Regulation. J. Biol. Chem. 278: 17141.
Hepatocellular Carcinoma	Human	GenePORTER Transfection Reagent	Shen, P., Liu, M.H., Ng, T. Y., Chan, Y. H. and Yong, E. L. (2006) Differential Effects of Isoflavones, from Astragalus Membranaceus and Pueraria Thomsonii, on the Activation of PPAR{alpha}, PPAR{gamma}, and Adipocyte Differentiation in vitro. J. Nutr. 136(4): p. 899-905.
Hepatocellular Carcinoma	Human	GenePORTER Transfection Reagent	Schreiber, T.D., Kohle, C., Buckler, F., Schmohl, S., Braeuning, A., Schmiechen, A., Schwarz, M. and Munzel, P. (2006) Regulation of CYP1A1 gene expression by the antioxidant tert-butylhydroquinone (tBHQ). Drug Metab. Dispos. 34: 1096 - 1101.
Hepatocellular Carcinoma	Human	GenePORTER 2 Reagent	Gray, P.C., Shani, G., Aung, K., Kelber, J. and Vale, W. (2006) Cripto binds TGF- $\beta$ and inhibits TGF- $\beta$ signaling. Mol. Cell. Biol. 26 (24): 9268-9278.
Hepatocellular Carcinoma	Human	GenePORTER Reagent	Liu, M.H., Li, J., Shen, P., Husna, B., Tai, E.S. and Yong, E. L. (2008) A Natural Polymorphism in Peroxisome Proliferator-Activated Receptor- $\alpha$ Hinge Region Attenuates Transcription due to Defective Release of Nuclear Receptor Corepressor from Chromatin. Mol. Endocrinol. 22(5): 1078-1092.
Embryonic Lung Fibroblast	Human	GenePORTER Transfection Reagent	Setsukinai, K., Urano, Y., Kakinuma, K., Majima, H.J. and Nagano, T. (2003) Development of Novel Fluorescence Probes That Can Reliably Detect Reactive Oxygen Species and Distinguish Specific Species. J. Biol. Chem. 278: 3170 - 3175.
Non-Functioning Plurihormonal Adenoma	Human	GenePORTER Transfection Reagent	Riss, D., Jin, L., Qian, X., Bayliss, J., Scheithauer, B.W., Young, Jr., W.F., Vidal, S., Kovacs, K., Raz, A. and Lloyd, R.V. (2003) Differential Expression of Galectin-3 in Pituitary Tumors. Cancer Res. 63: 2251 - 2255.
Fibrosarcoma	Human	GenePORTER 2 Transfection Reagent	Kaluz, S., Kaluzová, M., Chrastina, A., Olive, P., Pastoreková, S., Pastorek, J., Lerman, M. and Stanbridge, E. (2002) Lowered Oxygen Tension Induces Expression of the Hypoxia Marker MN/Carbonic Anhydrase IX in the Absence of Hypoxia-inducible Factor 1 Stabilization: A Role for Phosphatidylinositol 3'-Kinase. Cancer Res. 62: 4469 - 4477.
Fibrosarcoma	Human	GenePORTER Reagent	Zhao-Qiu Wu, Xiaoming Yang, and Xiaoqi Liu (2008) PLK1 Phosphorylation of TRF1 is Essential for its Binding to Telomeres. JBC Papers in Press. Published on July 14, 2008 as Manuscript M803304200.
Colorectal Adenocarcinoma	Human	GenePORTER Transfection Reagent	Leow, C.C., Romero, M.S., Ross, S., Polakis, P. and Gao, W-Q. (2004) Hath1, Down-Regulated in Colon Adenocarcinomas, Inhibits Proliferation and Tumorigenesis of Colon Cancer Cells. Cancer Res. 64 (17): 6050-6057.

Cell Type	Source	Genlantis Reagent	Citation
Colorectal Adenocarcinoma	Human	GenePORTER Transfection Reagent	Geiszt, M., Lekstrom, K., Brenner, S., Hewitt, S.M., Dana, R., Malech, H.L. and Leto, T.L. (2003) NAD(P)H Oxidase 1, a Product of Differentiated Colon Epithelial Cells, Can Partially Replace Glycoprotein 91phox in the Regulated Production of Superoxide by Phagocytes. <i>J. Immunol.</i> 171: 299 - 306.
Cholangiocarcinoma	Human	GenePORTER Reagent	Kokuryo, T., Senga, T., Yokoyama, Y., Nagino, M., Nimura, Y. and Hamaguchi, M. (2007) Nek2 as an effective target for inhibition of tumorigenic growth and peritoneal dissemination of cholangiocarcinoma. <i>Cancer Res</i> 15 67(20): p. 9637.
Umbilical Cord Epithelial Cells	Human	GenePORTER 2 Transfection Reagent	Wadgaonkar, R., Pierce, J.W., Somnay, K., Damico, R.L., Crow, M.T., Collins, T. and Garcia, J.G.N. (2004) Regulation of c-JUN N-terminal Kinase and p38 Kinase Pathways in Endothelial Cells. <i>Am. J. Respir. Cell Mol. Biol.</i> 31(4): p. 423-431.
Umbilical Cord Epithelial Cells	Human	GenePORTER 2 Transfection Reagent	Seibold, S., Schurle, D., Heinloth, A., Wolf, G., Wagner, M. and Galle, J. (2004) Oxidized LDL Induces Proliferation and Hypertrophy in Human Umbilical Vein Endothelial Cells via Regulation of p27Kip1 Expression: Role of RhoA. <i>J. Am. Soc. Nephrol.</i> 15(12): 3026-3034.
Umbilical Cord Epithelial Cells	Human	GenePORTER Transfection Reagent	Tang, S., Gao, Y., and Ware, J.A. (1999) Enhancement of Endothelial Cell Migration and in vitro Tube Formation by TAP20, A Novel $\alpha 5$ Integrin-Modulating, PKC $\alpha$ Dependent Protein. <i>J. Cell Biol.</i> 147 (5): 1073-1084.
Umbilical Cord Epithelial Cells	Human	GenePORTER Transfection Reagent	Melter, M., Reinders, M.E.J., Sho, M., Pal, S., Geehan, C., Denton, M.D., Mukhopadhyay, D., and Briscoe, D.M. (2000) Ligation of CD40 Induces the Expression of Vascular Endothelial Growth Factor by Endothelial Cells and Monocytes and Promotes Angiogenesis in vivo. <i>Blood</i> 96 (12): 3801.
Umbilical Cord Epithelial Cells	Human	GenePORTER Transfection Reagent	Lapchak, P.H., Melter, M., Pal, S., Flaxenburg, J.A., Geehan, C., Frank, M.H., Mukhopadhyay, D. and Briscoe, D.M. (2004) CD40-induced transcriptional activation of vascular endothelial growth factor (VEGF) involves a 68bp region of the promoter containing a CpG island. <i>AJP: Renal Physiol.</i> 287: 512-520.
Umbilical Cord Epithelial Cells	Human	GenePORTER Transfection Reagent	Ashton, A.W., Ware, G.M., Kaul, D.K. and Ware, J.A. (2003) Inhibition of TNF $\alpha$ -mediated Nf $\kappa$ B activation and leukocyte adhesion, with enhanced endothelial apoptosis, by TP ligands. <i>J. Biol. Chem.</i> 278: 11858 - 11866.
Umbilical Vein Endothelial	Human	GenePORTER 2 Reagent	Carluccio, M.A., Ancora, M.A., Massaro, M., Carluccio, M., Scoditti, E., Distanto, A., Storelli, C. and De Caterina, R. (2007) Homocysteine induces VCAM-1 gene expression through NF- $\kappa$ B and NAD(P)H oxidase activation - protective role of Mediterranean diet polyphenolic antioxidants. <i>Am J Physiol Heart Circ Physiol</i> 293(4): H2344-54.
Umbilical Vein Endothelial	Human	GenePORTER Reagent	Ashton, A.W., Mukherjee, S., Nagajoythi, FNU, Huang, H., Braunstein, V.L., Desruisseaux, M.S., Factor, S.M. Lopez, L., Berman, J.W., Wittner, M., Scherer, P.E., Capra, V., Coffman, T.M., Serhan, C.N., Gotlinger, K., Wu, K.K., Weiss, L.M. and Tanowitz, H.B. (2007) Thromboxane A2 is a key regulator of pathogenesis during <i>Trypanosoma cruzi</i> infection. <i>J. Exp. Med.</i> 204(4): 929-940.
Airway Epithelium	Human	GenePORTER 2 Transfection Reagent	Coyne, C.B., Gambling, T.M., Boucher, R.C., Carson, J.L. and Johnson, L.G. (2003) Role of claudin interactions in airway tight junctional permeability. <i>Am. J. Physiol. Lung Cell Mol. Physiol.</i> 285: 1166 - 1178.
Choriocarcinoma	Human	GenePORTER 2 Transfection Reagent	Jin, W. and Cote, G.J. (2004) Enhancer-Dependent Splicing of FGFR1 $\alpha$ -Exon Is Repressed by RNA Interference-Mediated Down-Regulation of SRp55. <i>Cancer Res.</i> 64(24): p. 8901-8905.
Choriocarcinoma	Human	GenePORTER 2 Transfection Reagent	Jin, W. and Cote, G.J. Enhancer-Dependent Splicing of FGFR1 $\alpha$ -Exon Is Repressed by RNA Interference-Mediated Down-Regulation of SRp55. <i>Cancer Res</i> ; 64 (24): 8901-8905.
Chondrosarcoma	Human	GenePORTER Transfection Reagent	Gao, G., Plaas, A., Thompson, V.P., Jin, S., Zuo, F. and Sandy, J.D. (2004) ADAMTS4 (Aggrecanase-1) Activation on the Cell Surface Involves C-terminal Cleavage by Glycosylphosphatidy Inositol-anchored Membrane Type 4-Matrix Metalloproteinase and Binding of the Activated Proteinase to Chondroitin Sulfate and Heparan Sulfate on Syndecan-1. <i>J. Biol. Chem.</i> 279: 10042 - 10051.
Chondrosarcoma	Human	GenePORTER Transfection Reagent	Gao, G, Westling, J., Thompson, V.P., Howell, T.D., Gottschall, P.E., and Sandy, J.D. (2002) Activation of the proteolytic activity of ADAMTS4 (aggrecanase-1) by C-terminal truncation. <i>J. Biol. Chem.</i> 277: 11034
T-Cell Lymphoma	Human	GenePORTER Transfection Reagent	Lewis, D.E., Merched-Sauvage, M., Goronzy, J.J., Weyand, C.M. and Vallejo, A.N. (2004) Tumor Necrosis Factor- $\alpha$ and CD80 Modulate CD28 Expression through a Similar Mechanism of T-cell Receptor-independent Inhibition of $\beta 2$ Transcription. <i>J. Biol. Chem.</i> 279(28): p. 29130-29138.
T-Cell Lymphoma	Human	GenePORTER Transfection Reagent	Young, J.E., Vogt, T., Gross, K.W. and Khani, S.C. (2003) A Short, Highly Active Photoreceptor-Specific Enhancer/Promoter Region Upstream of the Human Rhodopsin Kinase Gene Invest. <i>Ophthalmol. Vis. Sci.</i> 44: 4076 - 4085.
T-Cell Lymphoma	Human	GenePORTER Transfection Reagent	Pati, S., Foulke, Jr., J.S., Barabitskaya, O., Kim, J., Nair, B.C., Hone, D., Smart, J., Feldman, R.A. and Reitz, M. (2003) Human Herpesvirus 8-Encoded vGPCR Activates Nuclear Factor of Activated T Cells and Collaborates with Human Immunodeficiency Virus Type 1 Tat. <i>J. Virol.</i> 77: 5759 - 5773.
T-Cell Lymphoma	Human	GenePORTER Transfection Reagent	Liu, X., Schrager, J.A. and Marsh, J.W. (2001) HIV NEF-mediated cellular phenotypes are differentially expressed as a function of intracellular NEF concentrations. <i>J. Biol. Chem</i> 276: 32763.
T-Cell Lymphoma	Human	GenePORTER Transfection Reagent	Ju, T. and Cummings, R.D. (2002) A unique molecular chaperone Cosmc required for activity of the mammalian core 1 B3-galactosyltransferase. <i>PNAS</i> 99: 16613 - 16618.
T-Cell Lymphoma	Human	GenePORTER Transfection Reagent	Joshi, P. and Prasad, V.R. (2002) Potent Inhibition of Human Immunodeficiency Virus Type 1. Replication by Template Analog Reverse Transcriptase Inhibitors Derived by SELEX (Systematic Evolution of Ligands by Exponential Enrichment). <i>J. Virol.</i> 76: 6545 - 6557.
T-Cell Lymphoma	Human	GenePORTER Transfection Reagent	Grinninger, C., Wang, W., Oskoui, K.B., Voice, J.K. and Goetzl, E.J. (2004) A natural variant type II G protein-coupled receptor for vasoactive intestinal peptide with altered function. <i>J. Biol. Chem.</i> 279: 40259-40262.
T-Cell Lymphoma	Human	GenePORTER Transfection Reagent	DeVries, M.E., Cao, H., Wang, J., Xu, L., Kelvin, A.A., Ran, L., Chau, L.A., Madrenas, J., Hegele, R.A., and Kelvin, D.J. (2003) Genomic organization and evolution of the CX3CR1/CCR8 chemokine receptor locus. <i>J. Biol. Chem.</i> 278: 11985 - 11994.
T-Cell Lymphoma	Human	GenePORTER Transfection Reagent	Chen, D., Iijima, H., Nagaishi, T., Nakajima, A., Russell, S., Morales, V., Rudd, C.E., Utku, N. and Blumberg, R.S. (2004) Carcinoembryonic Antigen-Related Cellular Adhesion Molecule 1 Isoforms Alternatively Inhibit and Costimulate Human T Cell Function. <i>J. Immunol.</i> 172: 3535 - 3543.
T-Cell Lymphoma	Human	GenePORTER Transfection Reagen	Helms, W.S., Jeffrey, J.L., Holmes, D.A., Townsend, M.B., Clipstone, N.A. and Su, L. (2007) Modulation of NFAT-dependent gene expression by RhoA signaling pathway in T Cells. <i>J. Leukoc. Biol.</i> 82: 361 - 369.

Cell Type	Source	Genlantis Reagent	Citation
T-Cell Lymphoma	Human	GenePORTER Reagent	Ilani, T., Khanna, C., Zhou, M., Veenstra, T.D. and Bretscher, A. (2007) Immune synapse formation requires ZAP-70 recruitment by ezrin and CD43 removal by moesin. <i>J. Cell Biol.</i> 179(4): 733-746.
T-Cell Lymphoma	Mouse	GenePORTER Reagent	Holmes, D., Knudsen, G., Mackey-Cushman, S. and Su, L. (2007) FoxP3 Enhances HIV-1 Gene Expression by Modulating NFκB Occupancy at the Long Terminal Repeat in Human T Cells. <i>J. Biol. Chem.</i> 282(22): 15973-15980.
Chronic Myeloid Leukemia	Human	GenePORTER Transfection Reagent	Bang, R., Marnell, L., Mold, C., Stein, M-P., Du Clos, K.T., Chivington-Buck, C. and Du Clos, T.W. (2005) Analysis of Binding Sites in Human C-reactive Protein for FcRI, FcRIIA, and C1q by Site-directed Mutagenesis. <i>J. Biol. Chem.</i> 280: 25095 - 25102.
Chronic Myeloid Leukemia	Human	GenePORTER 2 Reagent	Kirschner, K.M., Hagen, P., Hussels, C.S., Ballmaier, M., Scholz, H. and Dame, C. (2008) The Wilms' tumor suppressor Wt1 activates transcription of the erythropoietin receptor in hematopoietic progenitor cells. <i>FASEB J.</i> published 18 April 2008, 10.1096/fj.07-097576.
Chronic Myelogenous Leukemia	Human	GenePORTER Transfection Reagent	Bharadwaj, D., Stein, M-P, Volzer, M., Mold, C., and Du Clos, T.W. (1999) The Major Receptor for C-Reactive Protein on Leukocytes is Fcγ Receptor II. <i>J. Exp. Med.</i> 190 (4): 585-590.
thyroid carcinoma	Human	GenePORTER Reagent	Huang, Y-Y., Yu, Z., Lin, S-F., Li, S., Fong, Y. and Wong, R.J. (2007) Nectin-1 is a Marker of Thyroid Cancer Sensitivity to Herpes Oncolytic Therapy. <i>J. Clin. Endocrinol. Metab.</i> 92(5): p. 1965-1970.
Oral Epidermoid Carcinoma	Human	GenePORTER 2 Transfection Reagent	Browne, G.J. and Proud, C.G. (2004) A Novel mTOR-Regulated Phosphorylation Site in Elongation Factor 2 Kinase Modulates the Activity of the Kinase and Its Binding to Calmodulin. <i>Mol. Cell. Biol.</i> 24: 2986 - 2997.
HeLa Contaminant	Human	GenePORTER Transfection Reagent	Bharat H. Joshi, Koji Kawakami, Pamela Leland, and Raj K. Puri (2002) Heterogeneity in Interleukin-13 Receptor Expression and Subunit Structure in Squamous Cell Carcinoma of Head and Neck: Differential Sensitivity to Chimeric Fusion Proteins Comprised of Interleukin-13 and a Mutated Form of Pseudomonas Exotoxin. <i>Clin. Cancer Res.</i> 8: 1948 - 1956.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Milne, R.S.B., Hanna, S.L., Rux, A.H., Willis, S.H., Cohen, G.H. and Eisenberg, R.J. (2003) Function of Herpes Simplex Virus Type 1 gD Mutants with Different Receptor-Binding Affinities in Virus Entry and Fusion. <i>J. Virol.</i> 77: 8962 - 8972.
Fibrosarcoma	Mouse	GenePORTER 2 Transfection Reagent	Park, H-S, Yu, J-W, Cho, J-H, Kim, M-S, Huh, S-H, Ryoo, K. and Choi, E-J (2004) Inhibition of Apoptosis Signal-regulating Kinase 1 by Nitric Oxide through a Thiol Redox Mechanism. <i>J. Biol. Chem.</i> 279: 7584 - 7590.
Fibrosarcoma	Mouse	GenePORTER 2 Transfection Reagent	Cho, S-G, Kim, J.W., Lee, Y.H., Hwang, H.S., Kim, M-S, Ryoo, K., Kim, M.J, Noh, K.T., Kim, E.K., Cho, J-H, Yoon, K.W., Cho, E-G, Park, Sung, H-S, Chi, W., Lee, M-J, Kang, S.S., Ichijo, H., and Choi, E.J (2003) Identification of a novel antiapoptotic protein that antagonizes ASK1 and CAD activities <i>J. Cell Biol.</i> 163: 71-81.
Fibrosarcoma	Mouse	GenePORTER Transfection Reagent	Wadekar, S.A., Li, D. and Sánchez, E.R. (2004) Agonist-Activated Glucocorticoid Receptor Inhibits Binding of Heat Shock Factor 1 to the Heat Shock Protein 70 Promoter in Vivo. <i>Mol. Endocrinol.</i> 18: 500 - 508.
Fibrosarcoma	Mouse	GenePORTER Transfection Reagent	Ono, K., Wang, X., and Han, J. (2001) Resistance to Tumor Necrosis Factor-Induced Cell Death Mediated by PMCA4 Deficiency. <i>Mol. Cell. Biol.</i> 21: 8276 - 8288.
Fibrosarcoma	Mouse	GenePORTER Transfection Reagent	Jones, T.J., Li, D., Wolf, IM, Wadekar, SA, Periyasamy, S. and Sánchez, ER (2004) Enhancement of Glucocorticoid Receptor-Mediated Gene Expression by Constitutively Active Heat Shock Factor 1. <i>Mol. Endocrinol.</i> 18: 509 - 520.
Spindle-shaped LAM cells	Human	GenePORTER Reagent	Glassberg, M.K., Elliot, S.J., Fritz, J., Catanuto, P., Potier, M., Donahue, R., Stetler-Stevenson, W. and Karl, M. (2008) Activation of the Estrogen Receptor Contributes to the Progression of Pulmonary Lymphangioleiomyomatosis via Matrix Metalloproteinase-Induced Cell Invasiveness. <i>J. Clin. Endocrinol. Metab.</i> 93(5): 1625-1633.
Gonadotroph	Mouse	GenePORTER 2	Feng, J., Lawson, M.A. and Melamed, P. (2008) A Proteomic Comparison of Immature and Mature Gonadotrophs in Mice Reveals Novel Differentially Expressed Nuclear Proteins That Regulate Gonadotropin Gene Transcription and RNA Splicing. <i>Biol Reprod</i> 79(3): 546-61
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Viçals, M., Xu, S., Vasile, E. and Krieger, M. (2003) Identification of the N-Linked Glycosylation Sites on the High Density Lipoprotein (HDL) Receptor SR-BI and Assessment of Their Effects on HDL Binding and Selective Lipid Uptake. <i>J. Biol. Chem.</i> 278: 5325 - 5332.
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Gu, X., Lawrence, R., and Krieger, M. (2000) Dissociation of the High Density Lipoprotein and Low Density Lipoprotein Binding Activities of Murine Scavenger Receptor Class B Type I (mSR-BI) Using Retrovirus Library-based Activity Dissection. <i>J. Biol. Chem.</i> 275: 9120-9130.
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Gu, X., Kozarsky, K., and Krieger M. (2000) Scavenger Receptor Class B, Type I-mediated [3H] Cholesterol Efflux to High and Low Density Lipoproteins Is Dependent on Lipoprotein Binding to the Receptor. <i>J. Biol. Chem.</i> 275: 29993-30001.
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Arboleda-Velasquez, J.F., Rampal, R., Fung, E., Darland, D.C., Liu, M., Martinez, M.C., Donahue, C.P., Navarro-Gonzalez, M.F., Libby, P., D'Amore, P.A., Aikawa, M., Haltiwanger, R.S. and Kosik, K.S. (2005) CADASIL mutations impair Notch3 glycosylation by Fringe. <i>Hum. Mol. Genet.</i> 14(12): p. 1631-1639.
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Rampal, R., Li, A.S.Y., Moloney, D.J., Georgiou, S.A., Luther, K.A., Nita-Lazar, A. and Haltiwanger, R.S., (2005) Lunatic fringe, manic fringe, and radical fringe recognize similar specificity determinants in O-fucosylated epidermal growth factor-like repeats. <i>J. Biol. Chem.</i> 280: 42454 - 42463.
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Shao, L., Moloney, D.J., and Haltiwanger, R. (2003) Fringe Modifies O-Fucose on Mouse Notch1 at Epidermal Growth Factor-like Repeats within the Ligand-binding Site and the Abruptex Region. <i>J. Biol. Chem.</i> 278: 7775 - 7782.
Ovary	Chinese Hamster	GenePORTER Reagent	Shi, S., Ge, C., Luo, Y., Hou, X. Haltiwanger, R.S. and Stanley, P. (2007) The threonine that carries fucose, but not fucose, is required for cripto to facilitate nodal signaling. <i>J. Biol. Chem.</i> 282: 20133 - 20141.
Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Luo, Y., Nita-Lazar, A. and Haltiwanger, R.S. (2006) Two Distinct Pathways for O-Fucosylation of Epidermal Growth Factor-like or Thrombospondin Type 1 Repeats. <i>J. Biol. Chem.</i> 281(14): 9385-9392.
Kidney Proximal Tubular Cells	Porcine	GenePORTER Transfection Reagent	Chen, Z-J, Vetter, M., Chang, G-D, Liu, S., Che, D., Ding, Y., Kim, S.S. and Chang, C-H (2004) Cyclophilin A Functions as an Endogenous Inhibitor for Membrane-Bound Guanylate Cyclase-A. <i>Hypertension</i> 44: 963-968.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Vasquez, K.M., Dagle, J.M., Weeks, D.L., and Glazer, P.M. (2001) Chromosome Targeting at Short Polypurine Sites by Cationic Triplex-forming Oligonucleotides. <i>J. Biol. Chem</i> 276: 38536-38541.

Cell Type	Source	Genlantis Reagent	Citation
Glioblastoma	Human	GenePORTER Transfection Reagent	Song, S.W., Fuller, G.N., Zheng, H. and Zhang, W. (2005) Inactivation of the Invasion Inhibitory Gene <i>Ilp45</i> by Alternative Splicing in Gliomas. <i>Cancer Res.</i> 65(9): p. 3562-3567.
Glioblastoma	Human	GenePORTER Transfection Reagent	Song, S.W., Fuller, G.N., Khan, A., Kong, S., Shen, W., Taylor, E., Ramdas, L., Lang, F.F. and Zhang, W. (2003) <i>Ilp45</i> , an insulin-like growth factor binding protein 2 (IGFBP-2) binding protein, antagonizes IGFBP-2 stimulation of glioma cell invasion. <i>PNAS</i> 100: 13970 - 13975.
Glioblastoma	Human	GenePORTER Transfection Reagent	Fulci, G., Ishii, N., Maurici, D., Gernert, K., Hainaut, P., Kaur, B., and Van Meir, E. (2002) Initiation of Human Astrocytoma by Clonal Evolution of Cells with Progressive Loss of p53 Functions in a Patient with a 283H TP53 Germ-line Mutation: Evidence for a Precursor Lesion. <i>Cancer Res.</i> 62: 2897 - 2905.
Prostate Carcinoma	Human	GenePORTER Transfection Reagent	Mabjeesh, N.J., Willard, M.T., Frederickson, C.E., Zhong, H., and Simons, J.W. (2003) Androgens Stimulate Hypoxia-inducible Factor 1 Activation via Autocrine Loop of Tyrosine Kinase Receptor/Phosphatidylinositol 3'-Kinase/Protein Kinase B in Prostate Cancer Cells. <i>Clin. Cancer Res.</i> 9: 2416 - 2425.
Prostate Cancer	Human	GenePORTER Transfection Reagent	Mori, A., Lehmann, S., O'Kelly, J., Kumagai, T., Desmond, J.C., Pervan, M., McBride, W.H., Kizaki, M. and Koeffler, H.P. (2006) Capsaicin, a component of red peppers, inhibits the growth of androgen-independent, p53 mutant prostate cancer cells. <i>Cancer Res</i> 66(6): p. 3222.
Prostate Cancer	Human	GenePORTER Reagent	Wang, R., Xu, J., Mabjeesh, N., Zhu, G., Zhou, J., Amin, M., He, D., Marshall, FF, Zhou, H.E. and Chung, L.W. (2007) PrLZ Is Expressed in Normal Prostate Development and in Human Prostate Cancer Progression. <i>Clin Cancer Res</i> 15 13(20): 6040.
gonadotrope	Mouse	GenePORTER Reagent	Lim, S., Luo, M., Koh, M., Yang, M., Kadir, M.N.b.A., Tan, J.H., Ye, Z., Wang, W. and Melamed, P. (2007) Distinct mechanisms involving diverse histone deacetylases repress expression of the two gonadotropin {beta}-subunit genes in immature gonadotropes, and their actions are overcome by GnRH. <i>Mol. Cell. Biol.</i> 27(11): p. 4105-4120.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Luo, Z., Macris, M., Faruqi, A.F., Glazer, P. (2000) High-frequency intrachromosomal gene conversion induced by triplex-forming oligonucleotides microinjected into mouse cells. <i>Proc. Natl. Acad. Sci. USA</i> 97: 9003-9008.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Riewald, M. and Ruf, W. (2005) Protease-activated Receptor-1 signaling by activated protein C in cytokine perturbed endothelial cells is distinct from thrombin signaling. <i>J. Biol. Chem.</i> 280: 19808 - 19814.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Riewald, M. and Ruf, W. (2001) Mechanistic coupling of protease signaling and initiation of coagulation by tissue factor. <i>Proc. Natl. Acad. Sci. USA</i> , 98: 7742-7747.
Hepatoma	Rat	GenePORTER Transfection Reagent	Mooney, R.A., Senn, J., Cameron, S., Inamdar, N., Boivin, L.M., Shang, Y., and Furlanetto, R.W. (2001) Suppressors of cytokine signaling (SOCS)-1 and 6 associate with and inhibit the insulin receptor: A potential mechanism for cytokine mediated insulin resistance. <i>J. Biol. Chem.</i> 276: 25889-25893.
Breast Adenocarcinoma	Human	GenePORTER Transfection Reagent	Wang, Wei, Nahta, R., Huper, G. and Marks, J.R. (2004) TAFII70 Isoform-Specific Growth Suppression Correlates With Its Ability to Complex With the GADD45a Protein. <i>Mol. Cancer Res.</i> 2 (8): p. 442-452.
Breast Epithelia	Human	GenePORTER Transfection Reagent	Katz, E., Lareef, M.H., Rassa, J.C., Grande, S.M., King, L.B., Russo, J., Ross, S.R. and Monroe, J.G. (2005) MMTV Env encodes an ITAM responsible for transformation of mammary epithelial cells in three dimensional culture. <i>J. Exp. Med.</i> 201(3): p. 431-439.
Breast Adenocarcinoma	Human	GenePORTER 2 Transfection Reagent	Windoffer, R., Woll, S., Strnad, P. and Leube, R.E. (2004) Identification of Novel Principles of Keratin Filament Network Turnover in Living Cells. <i>Mol. Biol. Cell</i> 15(5): p. 2436-2448.
Breast Adenocarcinoma	Human	GenePORTER Transfection Reagent	Sigal Gery, Sakae Tanosaki, Shikha Bose, Namrata Bose, Jay Vadgama, and H. Phillip Koeffler (2005) Down-Regulation and Growth Inhibitory Role of C/EBP{alpha} in Breast Cancer. <i>Clin. Cancer Res.</i> 11(9): p. 3184-3190.
Breast Adenocarcinoma	Human	GenePORTER Transfection Reagent	Wang, Wei, Nahta, R., Huper, G. and Marks, J.R. (2004) TAFII70 Isoform-Specific Growth Suppression Correlates With Its Ability to Complex With the GADD45a Protein. <i>Mol. Cancer Res.</i> 2 (8): p. 442-452.
Breast Adenocarcinoma	Human	GenePORTER Transfection Reagent	Sun, X., Lee, J., Navas, T., Baldwin, D.T., Stewart, T.A., and Dixit, V.M. (1999) RIP3, a Novel Apoptosis-inducing Kinase. <i>J. Biol. Chem.</i> 274: 16871-16875.
Breast Adenocarcinoma	Human	GenePORTER Transfection Reagent	Kawakami, K., Kawakami, M. and Puri, R.K. (2004) Specifically targeted killing of interleukin-13 (IL-13) receptor-expressing breast cancer by IL-13 fusion cytotoxin in animal model of human disease. <i>Mol. Cancer Ther.</i> 3: 137 - 147.
Breast Adenocarcinoma	Human	GenePORTER Transfection Reagent	Lee, M., Hwang, J-T., Lee, H-J., Jung, S-N., Kan, I., Chi, S-G., Kim, S-S., and Ha, J. (2003) AMP-activated Protein Kinase Activity Is Critical for Hypoxia-inducible Factor-1 Transcriptional Activity and Its Target Gene Expression under Hypoxic Conditions in DU145 Cells. <i>J. Biol. Chem.</i> 278: 39653-61.
Breast Adenocarcinoma	Human	GenePORTER Transfection Reagent	Ishii, H., Vecchione, A., Murakumo, Y., Baldassarre, G., Numata, S., Trapasso, F., Alder, H., Baffa, R., and Croce, C.M. (2001) FEZ1/LZTS1 gene at 8p22 suppresses cancer cell growth and regulates mitosis. <i>PNAS</i> 98: 10374-10379.
Breast Adenocarcinoma	Human	GenePORTER Transfection Reagent	Gibson, E.M., Henson, E.S., Onio, J., and Gibson, S.B. (2002) MEK kinase 1 (MEKK1) induces mitochondrial permeability transition leading to apoptosis independent of cytochrome c release. <i>J. Biol. Chem</i> 277: 10573-10580.
Breast Adenocarcinoma	Human	GenePORTER Reagent	Jiang, H., Coleman, J., Miskimins, R., Srinivasan, R. and Miskimins, W.K. (2007) Cap-independent translation through the p27 5'-UTR. <i>Nucleic Acids Res</i> 35(14): p. 4767-4778.
Breast Cancer	Human	GenePORTER Transfection Reagent	Sigal Gery, Sakae Tanosaki, Shikha Bose, Namrata Bose, Jay Vadgama, and H. Phillip Koeffler (2005) Down-Regulation and Growth Inhibitory Role of C/EBP{alpha} in Breast Cancer. <i>Clin. Cancer Res.</i> 11(9): p. 3184-3190.
Breast Carcinoma	Human	GenePORTER Transfection Reagent	Kim, S-W., Hayashi, M., Lo, J-F., Fearn, C., Xiang, R., Lazennec, G., Yang, Y. and Lee, J-D. (2005) <i>Tid1</i> Negatively Regulates the Migratory Potential of Cancer Cells by Inhibiting the Production of Interleukin-8. <i>Cancer Res.</i> 65 (19): p. 8784-8791.
Breast Carcinoma	Human	GenePORTER Transfection Reagent	Stofega, M.R., Sanders, L.C., Gardiner, E.M. and Bokoch, G.M. (2004) Constitutive p21-activated Kinase (PAK) Activation in Breast Cancer Cells as a Result of Mislocalization of PAK to Focal Adhesions. <i>Mol. Biol. Cell</i> 15(6): p. 2965-2977.
Breast Carcinoma	Human	GenePORTER Transfection Reagent	Kawakami, K., Kawakami, M. and Puri, R.K. (2004) Specifically targeted killing of interleukin-13 (IL-13) receptor-expressing breast cancer by IL-13 fusion cytotoxin in animal model of human disease. <i>Mol. Cancer Ther.</i> 3: 137 - 147.

Cell Type	Source	Genlantis Reagent	Citation
Breast Carcinoma	Human	GenePORTER Transfection Reagent	Kawakami, K., Kawakami, M., Husain, S.R. and Puri, R.K. (2003) Effect of Interleukin (IL)-4 Cytotoxin on Breast Tumor Growth after in vivo Gene Transfer of IL-4 Receptor Chain. <i>Clin. Cancer Res.</i> 9: 1826 - 1836.
Breast Carcinoma	Human	GenePORTER Transfection Reagent	Chen, X., Danes, C., Lowe, C., Herliczek, T.W., Keyomarsi, K. (2000) Activation of the Estrogen-Signaling Pathway by p21WAF1/C1P1 in Estrogen Receptor-Negative Breast Cancer Cells. <i>J. Natl. Cancer Inst.</i> 92: 1403-1413.
Breast Carcinoma	Human	GenePORTER Transfection Reagent	Wang, Wei, Nahta, R., Huper, G. and Marks, J.R. (2004) TAFII70 Isoform-Specific Growth Suppression Correlates With Its Ability to Complex With the GADD45a Protein. <i>Mol. Cancer Res.</i> 2 (8): p. 442-452.
Kidney	Bovine	GenePORTER 2 Transfection Reagent	Windoffer, R., Woll, S., Strnad, P. and Leube, R.E. (2004) Identification of Novel Principles of Keratin Filament Network Turnover in Living Cells. <i>Mol. Biol. Cell</i> 15(5): p. 2436-2448.
Kidney	Dog	GenePORTER 2 Transfection Reagent	Windoffer, R., Woll, S., Strnad, P. and Leube, R.E. (2004) Identification of Novel Principles of Keratin Filament Network Turnover in Living Cells. <i>Mol. Biol. Cell</i> 15(5): p. 2436-2448.
Kidney	Dog	GenePORTER Transfection Reagent	Royal, I., Lamarche-Vane, N., Lamorte, L., Kaibuchi, K., Park, M. (2000) Activation of Cdc42, Rac, PAK, and Rho-Kinase in Response to Hepatocyte Growth Factor Differentially Regulates Epithelial Cell Colony Spreading and Dissociation. <i>Molec Biol of the Cell</i> 11: 1709-1725.
Kidney	Dog	GenePORTER Transfection Reagent	Lamorte, L., Rodrigues, S., Naujokas, M. and Park, M. (2002) Crk Synergizes with Epidermal Growth Factor for Epithelial Invasion and Morphogenesis and Is Required for the Met Morphogenic Program. <i>J. Biol. Chem.</i> 277: 37904 - 37911.
Kidney	Dog	GenePORTER Transfection Reagent	Lamorte, L., Royal, I., Naujokas, M. and Park, M. (2002) Crk Adapter Proteins Promote an Epithelial-Mesenchymal-like Transition and Are Required for HGF-mediated Cell Spreading and Breakdown of Epithelial Adherens Junctions. <i>Mol. Biol. Cell</i> 13: 1449 - 1461.
Kidney	Dog	GenePORTER Transfection Reagent	Coniglio, S.J., Jou, T-S, and Symons, M. (2001) Rac1 Protects Epithelial Cells Against Anoikis. <i>J. Biol. Chem.</i> 276: 28113.
Kidney	Dog	GenePORTER Transfection Reagent	Feng, Y-H., Li, X., Wang, L., Zhou, L. and Gorodeski, G.I. (2006) A truncated P2X7 receptor variant (P2X7-) endogenously expressed in cervical cancer cells antagonizes the full-length P2X7 receptor through hetero-oligomerization. <i>J. Biol. Chem.</i> 281: 17228 - 17237.
Embryonic Fibroblast	Mouse	GenePORTER 2 Transfection Reagent	Sun, Y., Yuan, J., Liu, H., Shi, Z., Baker, K., Vuori, K., Wu, J. and Feng, G-S (2004) Role of Gab1 in UV-Induced c-Jun NH2-Terminal Kinase Activation and Cell Apoptosis. <i>Mol. Cell. Biol.</i> 24: 1531-9.
Embryonic Fibroblast	Mouse	GenePORTER Transfection Reagent	Wang, S-X., Elder, P.K., Zheng, Y., Strauch, A.R. and Kelm, Jr., R.J. (2005) Cell Cycle-mediated Regulation of Smooth Muscle {alpha}-Actin Gene Transcription in Fibroblasts and Vascular Smooth Muscle Cells Involves Multiple Adenovirus E1A-interacting Cofactors. <i>J. Biol. Chem.</i> 280(7): p. 6204-6214.
Embryonic Fibroblast	Mouse	GenePORTER Transfection Reagent	Velling, T., Risteli, J., Wennerberg, K., Mosher, D. and Johansson, S. (2002) Polymerization of type I and III collagens is dependent on fibronectin and enhanced by integrins 111 and 21. <i>J. Biol. Chem</i> 277: 37377 - 37381.
Embryonic Fibroblast	Mouse	GenePORTER Transfection Reagent	Saucier, C., Khoury, H., Lai, K.M.V., Peschard, P., Dankort, D., Naujokas, M.A., Holash, J., Yancopoulos, G.D., Muller, W.J., Pawson, T. and Park, M. (2004) The Shc adaptor protein is critical for VEGF induction by Met/HGF and ErbB2 receptors and for early onset of tumor angiogenesis. <i>PNAS</i> 101: 2345 - 2350.
Embryonic Fibroblast	Mouse	GenePORTER Transfection Reagent	La, P., Schnepf, R.W., Petersen, C.D., Silva, A.C. and Hua, X. (2004) Tumor Suppressor Menin Regulates Expression of Insulin-Like Growth Factor Binding Protein 2. <i>Endocrinology</i> 145 (7): p. 3443-3450.
Embryonic Fibroblast	Mouse	GenePORTER Transfection Reagent	Gibson, E.M., Henson, E.S., Onio, J., and Gibson, S.B. (2002) MEK kinase 1 (MEKK1) induces mitochondrial permeability transition leading to apoptosis independent of cytochrome c release. <i>J. Biol. Chem.</i> 277: 10573-10580.
Embryonic Fibroblast	Mouse	GenePORTER 2 Reagent	Mix, K.S., Attur, M.G., Al-Mussawir, H., Abramson, S.B., Brinckerhoff, C.E. and Murphy, E.P. (2007) Transcriptional repression of matrix metalloproteinase gene expression by the orphan nuclear receptor NURR1 in cartilage. <i>J. Biol. Chem.</i> published 5 February 2007, 10.1074/jbc.M608327200.
Embryonic Fibroblast	Mouse	GenePORTER 2 Reagent	Ditsworth, D., Zong, W-X and Thompson, C.B. (2007) Activation of poly(ADP)-ribose polymerase (PARP-1) induces release of the pro-inflammatory mediator HMGB1 from the nucleus. <i>J. Biol. Chem.</i> 282(24): p. 17845-17854.
Embryonic Fibroblast	Mouse	GenePORTER Reagent	Wang, X. and Proud, C.G. (2008) A Novel Mechanism for the Control of Translation Initiation by Amino Acids, Mediated by Phosphorylation of Eukaryotic Initiation Factor 2B. <i>Mol. Cell. Biol.</i> 28: 1429 - 1442.
Embryonic Fibroblast	Mouse	GenePORTER Reagent	Wang, X. and Proud, C.G. (2008) A novel mechanism for the control of translation initiation by amino acids, mediated by phosphorylation of eukaryotic initiation factor eIF2B. <i>Mol Cell Biol</i> 28(5): p. 1429-1442.
Fibroblast	Mouse	GenePORTER 2 Transfection Reagent	Tirado, O.M., Mateo-Lozano, S., Sanders, S., Dettin, L.E. and Notario, V. (2003) The PCPH Oncoprotein Antagonizes the Proapoptotic Role of the Mammalian Target of Rapamycin in the Response of Normal Fibroblasts to Ionizing Radiation. <i>Cancer Res.</i> 63: 6290 - 6298.
Uterine Sarcoma	Human	GenePORTER Transfection Reagent	Park, S., James, C.D. (2003) Lanthionine Synthetase Components C-like 2 Increases Cellular Sensitivity to Adriamycin by Decreasing the Expression of P-Glycoprotein through a Transcription-mediated Mechanism. <i>Cancer Res.</i> 63: 723 - 727.
Osteosarcoma	Human	GenePORTER Transfection Reagent	Udagawa, T., Fernandez, A., Achilles, E-G, Folkman, J. and D'Amato, R.J. (2002) Persistence of microscopic human cancers in mice: alterations in the angiogenic balance accompanies loss of tumor dormancy. <i>FASEB J.</i> 16: 1361 - 1370.
Neuron	Mouse	GenePORTER Transfection Reagent	McCampbell, A., Taylor, J.P., Taye, A.A., Robitschek, J., Li, M., Walcott, J., Merry, D., Chai, Y., Paulson, H., Sobue, G., Fischbeck, K.H. (2000) CREB-binding Protein Sequestration by Expanded Polyglutamine. <i>Hum. Mol. Genet.</i> 9: 2197-2202.
Carcinoma	Rat	GenePORTER	Baumann, P., Cremers, N., Kroese, F., Orend, G., Chiquet-Ehrismann, R., Uede, T., Yagita, H. and Sleeman, J.P. (2006) CD24 Expression Causes the Acquisition of Multiple Cellular Properties Associated with Tumor Growth and Metastasis. <i>Cancer Res</i> 65: (23) 10783-10793.
Neuroblastoma	Human	GenePORTER Transfection Reagent	Slack, A., Chen, Z., Tonelli, R., Pule, M., Hunt, L., Pession, A. and Shohet, J.M. (2005) The p53 regulatory gene MDM2 is a direct transcriptional target of MYCN in Neuroblastoma. <i>Proc. Natl. Acad. Sci. USA.</i> 2005; 102(3): p. 731-736.
Neuroblastoma	Mouse	GenePORTER Transfection Reagent	Feng, Y-H, Sun, Y. and Douglas, J.G. (2002) G??-independent constitutive association of G?s with SHP-1 and angiotensin II receptor AT2 is essential in AT2-mediated ITIM-independent activation of SHP-1. <i>PNAS</i> 99: 12049 - 12054.

Cell Type	Source	Genlantis Reagent	Citation
B-lymphoblast	Human	GenePORTER 2 Transfection Reagent	Liao, W., Tang, Y., Lin, S-F., Kung, H-J., and Giam, C-Z (2003) K-bZIP of Kaposi's Sarcoma-Associated Herpesvirus/Human Herpesvirus 8 (KSHV/HHV-8) Binds KSHV/HHV-8 Rta and Represses Rta-Mediated Transactivation. <i>J. Virol.</i> 77: 3809 - 3815.
Non Small Cell Lung Carcinoma	Human	GenePORTER 2 Transfection Reagent	Li, T., Vu, T.H., Lee, K-O, Yang, Y., Nguyen, C.V., Bui, H.Q., Zeng, Z-L, Nguyen, B.T., Hu, J-F, Murphy, S.K., Jirtle, R.L., and Hoffman, A.R. (2002) An Imprinted PEG1/MEST Antisense Expressed Predominantly in Human Testis and in Mature Spermatozoa. <i>J. Biol. Chem</i> 277: 13518 - 13527.
Lung Carcinoma	Human	GenePORTER Transfection Reagent	Tong, X., Xie, D., O'Kelly, J., Miller, C.W., Muller-Tidow, C., and Koeffler, P.H. (2001) Cyr61, a member of CCN family, is a tumor suppressor in non-small cell lung cancer. <i>J. Biol. Chem</i> 276: 47709.
Fibroblast	Mouse	GenePORTER 2 Transfection Reagent	Park, H-S, Lee, J-S, Huh, S-H, Seo, J-S, Choi, E-J (2001) Hsp72 Functions as a Natural Inhibitory Protein of c-Jun N-terminal Kinase. <i>EMBO</i> 20: 446-456.
Fibroblast	Mouse	GenePORTER 2 Transfection Reagent	Coyne, C.B., Gambling, T.M., Boucher, R.C., Carson, J.L. and Johnson, L.G. (2003) Role of claudin interactions in airway tight junctional permeability. <i>Am J Physiol Lung Cell Mol Physiol</i> 285: 1166.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Gery, S., Gombart, A.F., Yi, W.S., Koeffler, C., Hofmann, W.K. and Koeffler, H.P. (2005) Transcription profiling of C/EBP targets identifies Per2 as a gene implicated in myeloid leukemia. <i>Blood.</i> 106(8): p. 2827-2836.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Cuomo, M.E., Knebel, A., Platt, G., Morrice, N., Cohen, P. and Mitnacht, S. (2005) Regulation of Microfilament Organization by Kaposi Sarcoma-associated Herpes Virus-cyclin{middle dot}CDK6 Phosphorylation of Caldesmon. <i>J. Biol. Chem.</i> 280 (43): p. 35844-35858.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Xiao, G-H, Beeser, A., Chernoff, J., and Testa, J.R. (2002) p21-activated Kinase Links Rac/Cdc42 Signaling to Merlin. <i>J. Biol. Chem.</i> 277: 883 - 886.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Ubeda, M. and Habener, J.F. (2000) CHOP Gene Expression in Response to Endoplasmic-Reticular Stress Requires NFY Interaction with Different Domains of a Conserved DNA-binding Element. <i>Nucl. Acids Res.</i> 28: 4987-4997.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Suzuki, T., Tsuzuku, J.K, Ajima, R., Nakamura, T., Yoshida, Y. and Yamamoto, T. (2002) Phosphorylation of three regulatory serines of Tob by Erk1 and Erk2 is required for Ras-mediated cell proliferation and transformation. <i>Genes &amp; Dev.</i> 16: 1356 - 1370.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Olah, Z., Karai, L., and Ladarola, M.J. (2001) Anandamide activates vanilloid receptor 1 at acidic pH in DRG neurons and cells ectopically expressing VR1. <i>J. Biol. Chem.</i> 276:31163-31170.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Nakagawa, K. and Yokosawa, H. (2000) Degradation of Transcription Factor IRF-1 by the Ubiquitin-Proteasome Pathway. <i>Eur J. Biochem</i> 267: 1680-1686.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Manjithaya, R.R. and Dighe, R.R. (2004) The 3' Untranslated Region of Bovine Follicle-Stimulating Hormone {beta} Messenger RNA Downregulates Reporter Expression: Involvement of AU-Rich Elements and Transfactors. <i>Biol. Reprod.</i> 71(4): 1158-1166.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Kawabata, H., Germain, R.S., Ikezoe, T., Tong, X., Green, E.M., Gombart, A.F., and Koeffler, H.P. (2001) Regulation of expression of murine transferrin receptor 2. <i>Blood</i> 98: 1949-1954.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Herre, J., Marshall, A.S.J., Caron, E., Edwards, A.D., Williams, D.L., Schweighoffer, E., Tybulewicz, V., Reis e Sousa, C., Gordon, S. and Brown, G.D. (2004) Dectin-1 uses novel mechanisms for yeast phagocytosis in macrophages. <i>Blood</i> 104 (13): p. 4038-4045.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Gombart, A.F., Kwok, S.H., Anderson, K.L., Yamaguchi, Y., Torbett, B.E. and Koeffler, H.P. (2003) Regulation of neutrophil and eosinophil secondary granule gene expression by transcription factors C/EBP and PU.1. <i>Blood</i> 101: 3265 - 3273.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Gombart, A.F., Hofmann, W.K., Kawano, S., Takeuchi, S., Krug, U., Kwok, S.H., Larsen, R.J., Asou, H., Miller, C.W., Hoelzer, D., and Koeffler H.P. (2002) Mutations in the gene encoding the transcription factor CCAAT/enhancer binding protein in myelodysplastic syndromes and acute myeloid leukemias. <i>Blood</i> 99: 1332 - 1340.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Gery, S., Park, D.J., Vuong, P.T., Chih, D.Y., Lemp, N. and Koeffler, H.P. (2004) Expression of C/EBP Homologous Protein (CHOP) is Regulated by Retinoic Acid, and CHOP Negatively Regulates Myeloid Target Genes. <i>Blood</i> 104: 3911-3917.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Geiszt, M., Kopp, J.B., Varnai, P., Leto, T. (2000) Identification of Renox, an NAD(P)H oxidase in kidney. <i>Proc. Natl. Acad. Sci USA</i> 97: 8010.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Geiszt, M., Lekstrom, K., Witt, J. and Leto, T.L. (2003) Proteins Homologous to p47phox and p67phox Support Superoxide Production by NAD(P)H Oxidase 1 in Colon Epithelial Cells. <i>J. Biol. Chem.</i> 278: 20006 - 20012.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Gery, S. Gombart, A.F., Fung, Y.K. and Koeffler, H.P. (2003) C/EBP interacts with Retinoblastoma and E2F1 during granulopoiesis. <i>Blood:</i> 103: 828-835.
Fibroblast	Mouse	GenePORTER 2	Bulyanko, Y.A., Hsing, L.C., Mason, R.W., Tremethick, D.J. and Grigoryev, S.A. (2006) Cathepsin L Stabilizes the Histone Modification Landscape on the Y Chromosome and Pericentromeric Heterochromatin. <i>Mol. Cell. Biol.</i> 26: 4172 - 4184.
Fibroblast	Mouse	GenePORTER Reagent	Costa, M., Marchi, M., Cardarelli, F., Roy, A., Beltram, F., Maffei, L. and Ratto, G.M. (2006) Dynamic regulation of ERK2 nuclear translocation and mobility in living cells. <i>J. Cell Sci.</i> 119: 4952 - 4963.
Fibroblast	Mouse	GenePORTER 2 Reagent	Radke, J., Siddiqui, Z.K., Miura, T.A., Routes, J.M. and Cook, J.L. (2008) E1A Oncogene Enhancement of Caspase-2-Mediated Mitochondrial Injury Sensitizes Cells to Macrophage Nitric Oxide-Induced Apoptosis. <i>J. Immunol.</i> 180: 8272 - 8279.
Pancreatic Nestin Positive Islet-Derived Progenitor Cells	Human	GenePORTER Transfection Reagent	Abraham, E., Leech, C., Lin, J., Zulewski, H., and Habener, J. (2002) Insulinotropic Hormone Glucagon Like Peptide-1 Differentiation of Human Pancreatic Islet-Derived Progenitor Cells into Insulin-Producing Cells. <i>Endocrinology</i> 143: 3152 - 3161.
Mammary Epithelia	Mouse	GenePORTER Transfection Reagent	Katz, E., Lareef, M.H., Rassa, J.C., Grande, S.M., King, L.B., Russo, J., Ross, S.R. and Monroe, J.G. (2005) MMTV Env encodes an ITAM responsible for transformation of mammary epithelial cells in three dimensional culture. <i>J. Exp. Med.</i> 201(3): p. 431-439.
Pluripotent Embryonal Carcinoma	Human	GenePORTER Transfection Reagent	Tchenio, T., Casella, J-F, and Heidmann, T. (2000) Members of the SRY Family Regulate the Human LINE Retrotransposons. <i>Nucl. Acids Res.</i> 28: 411-415.
Kidney	Opossum	GenePORTER Transfection Reagent	Khundmiri, S.J., Dean, W.L., McLeish, K.R. and Lederer, E.D. (2005) Parathyroid Hormone-mediated Regulation of Na <sup>+</sup> -K <sup>+</sup> -ATPase Requires ERK-dependent Translocation of Protein Kinase C{alpha}. <i>J. Biol. Chem.</i> 280(10): p. 8705-8713.

Cell Type	Source	Genlantis Reagent	Citation
Kidney	Opossum	GenePORTER Transfection Reagent	Khundmiri, S.J., Weinman, E.J., Steplock, D., Cole, J., Ahmad, A., Baumann, P.D., Barati, M., Rane, M.J. and Lederer, E. (2005) Parathyroid Hormone Regulation of Na <sup>+</sup> ,K <sup>+</sup> -ATPase Requires the PDZ 1 Domain of Sodium Hydrogen Exchanger Regulatory Factor-1 in Opossum Kidney Cells. <i>J. Am. Soc. Nephrol.</i> 16: 2598 - 2607.
Ovarian Carcinoma	Human	GenePORTER Transfection Reagent	Pan, Z-Z, Bruening, W., Giasson, B.I., Lee, V.M.Y. and Godwin, A.K. (2002) $\gamma$ -Synuclein promotes cancer cell survival and inhibits stress- and chemotherapeutic drug-induced apoptosis by modulating MAPK pathways. <i>J. Biol. Chem</i> 277: 35050-35060.
Pluripotent embryonic carcinoma	Mouse	GenePORTER 2 Transfection Reagent	Jin, W., Bruno, I.G., Xie, T-X, Sanger, L.J. and Cote, G.J. (2003) Polypyrimidine Tract-Binding Protein Down-Regulates Fibroblast Growth Factor Receptor 1 -Exon Inclusion. <i>Cancer Res.</i> 63: 6154 - 6157.
Macrophage	Mouse	GenePORTER Transfection Reagent	Throm, S.L. and Klemsz, M.J. (2003) PU.1 regulates glutathione peroxidase expression in neutrophils. <i>J. Leukoc. Biol.</i> 74: 111 - 117.
Mastocytoma	Mouse	GenePORTER Transfection Reagent	Liu, Y., Furuta, K., Teshima, R., Shirata, N. Sugimoto, Y., Ichikawa, A. and Tanaka, S. (2005) Critical role of PKC $\beta$ II in activation of mast cells by monomeric IgE. <i>J. Biol. Chem.</i> 280: 38976 - 38981.
Peripheral Blood Mononuclear Cells	Human	GenePORTER Transfection Reagent	Schleef RR, Olman MA, Miles LA, Chuang JL. (2001) Modulating the fibrinolytic system of peripheral blood mononuclear cells with adenovirus. <i>Human Gene Therapy</i> 12: 439-445.
Pheochromocytoma	Rat	GenePORTER 2 Transfection Reagent	Taupenot, L., Harper, K.L. and O'Connor, D.T. (2005) Role of H <sup>+</sup> -ATPase-mediated Acidification in Sorting and Release of the Regulated Secretory Protein Chromogranin A: EVIDENCE FOR A VESICULOGENIC FUNCTION. <i>J. Biol. Chem.</i> 280(5): p. 3885-3897.
Pheochromocytoma	Rat	GenePORTER 2 Transfection Reagent	Taupenot, L., Harper, K.L., Mahapatra, N.R., Parmer, R.J., Mahata, S.K. and O'Connor, D.T. (2002) Identification of a novel sorting determinant for the regulated pathway in the secretory protein chromogranin A. <i>J. Cell Sci.</i> 115: 4827 - 4841.
Pheochromocytoma	Rat	GenePORTER Transfection Reagent	Haglund, K., Schmidt, M.H.H., Wong, E.S.M., Guy, G.R. and Dikic, I. (2005) Sprouty2 acts at the Cbl/CIN85 interface to inhibit epidermal growth factor receptor downregulation. <i>EMBO Rep.</i> 6(7): p. 635-641.
Pheochromocytoma	Rat	GenePORTER Transfection Reagent	Klein, J.B., Barati, M.T., Wu, R., Gozal, D., Sachleben Jr., L.R., Kausar, H., Trent, J.O., Gozal, E., and Rane, M.J. (2005) Akt-mediated Valosin-containing Protein 97 Phosphorylation Regulates Its Association with Ubiquitinated Proteins. <i>J. Biol. Chem.</i> 280(36): p. 31870-31881.
Pheochromocytoma	Rat	GenePORTER Transfection Reagent	Vitale, N., Mawet, J., Camonis, J., Regazzi, R., Bader, M-F. and Chasserot-Golaz, S. (2005) The Small GTPase RalA Controls Exocytosis of Large Dense Core Secretory Granules by Interacting with ARF6-dependent Phospholipase D1. <i>J. Biol. Chem.</i> 280(33): p. 29921-29928.
Pheochromocytoma	Rat	GenePORTER Transfection Reagent	Klein, J.B., Barati, M.T., Wu, R., Gozal, D., Sachleben Jr, L.R., Kausar, H., Trent, J.O., Gozal, E. and Rane, M.J. (2005) Akt mediated VCP phosphorylation regulates its association with ubiquitinated proteins. <i>J. Biol. Chem.</i> published 18 July 2005, 10.1074/jbc.M501802200.
Pheochromocytoma	Rat	GenePORTER Transfection Reagent	Wong, E.S.M., Fong, C.W., Lim, J., Yusoff, P., Low, B.C., Langdon, W.Y. and Guy, G.R. (2002) Sprouty2 attenuates epidermal growth factor receptor ubiquitylation and endocytosis, and consequently enhances Ras/ERK signaling. <i>EMBO J.</i> 21: 4796 - 4808.
Pheochromocytoma	Rat	GenePORTER Transfection Reagent	Vitale, N., Chasserot-Golaz, S., Bailly, Y., Morinaga, N., Frohman, M.A., and Bader, M-F (2002) Calcium-regulated exocytosis of dense-core vesicles requires the activation of ADP-ribosylation factor (ARF)6 by ARF nucleotide binding site opener at the plasma membrane. <i>J. Cell Biol.</i> 159: 79 - 89.
Pheochromocytoma	Rat	GenePORTER Transfection Reagent	Vitale, N., Caumont, A-S, Chasserot-Golaz, S., Du., G., Wu, S., Sciorra, V.A., Morris, A.J. (2001) Phospholipase D1: A Key Factor for the Exocytotic Machinery in Neuroendocrine Cells. <i>EMBO</i> 20: 2424-2434.
Pheochromocytoma	Rat	GenePORTER Transfection Reagent	Gasman, S., Chasserot-Golaz, S., Malacombe, M., Way, M. and Bader, M-F (2004) Regulated Exocytosis in Neuroendocrine Cells: A Role for Subplasmalemmal Cdc42/N-WASP-induced Actin Filaments. <i>Mol. Biol. Cell</i> 15: 520 - 531.
Pheochromocytoma	Rat	GenePORTER Transfection Reagent	Caumont, A-S., Vitale, N., Gensse, M., Galas, M-C., Casanova, J., Bader, M-F. (2000) Identification of a Plasma Membrane-associated Guanine Nucleotide Exchange Factor for ARF6 in Chromaffin Cells. <i>J. Biol. Chem.</i> 275: 15637-15644.
Pheochromocytoma	Rat	GenePORTER Transfection Reagent	Bahi, N., Friocourt, G., Carrié, A., Graham, M.E., Weiss, J.L., Chafey, P., Fauchereau, F. Burgoyne, R.D., and Chelly, J. (2003) IL1 receptor accessory protein like, a protein involved in X-linked mental retardation, interacts with Neuronal Calcium Sensor-1 and regulates exocytosis. <i>Hum. Mol. Genet.</i> 12: 1415 - 1425.
Pheochromocytoma	Rat	GenePORTER Transfection Reagent	Meyer, M.Z., Deliot, N., Chasserot-Golaz, S., Premont, R.T., Bader, M-F., and Vitale, N. (2006) Regulation of Neuroendocrine Exocytosis by the ARF6 GTPase-activating Protein GIT1. <i>J. Biol. Chem.</i> 281(12): 7919-7926.
Pheochromocytoma	Rat	GenePORTER	Yu, J-Z and Rasenick, M.M. (2006) Tau associates with actin in differentiating PC12 cells. <i>FASEB J</i> , 20: 1452 - 1461.
Pheochromocytoma	Rat	GenePORTER 2 Reagent	Courel, M., Rodemer, C., Nguyen, S.T., Pance, A., Jackson, A.P., O'Connor, D.T. and Taupenot, L. (2006) Secretory granule biogenesis in sympathoadrenal cells: Identification of a granulogenic determinant in the secretory prohormone chromogranin A. <i>J. Biol. Chem.</i> 281: 38038 - 38051.
Pheochromocytoma	Rat	GenePORTER 2 Reagent	Hwang, S-R, Garza, C., Mosier, C., Toneff, T., Wunderlich, E., Goldsmith, P. and Hook, V. (2007) Cathepsin L expression is directed to secretory vesicles for enkephalin neuropeptide biosynthesis and secretion. <i>J Biol Chem</i> 282(13): 9556-63.
Pheochromocytoma	Rat	GenePORTER Reagent	Gambino, F., Pavlowsky, A., Begle, A., Dupont, J-L, Bahi, N., Courjaret, R., Gardette, R., Hadjkacem, H., Skala, H., Poulain, B., Chelly, J., Vitale, N. and Humeau, Y. (2007) IL1-receptor accessory protein-like 1 (IL1RAPL1), a protein involved in cognitive functions, regulates N-type Ca <sup>2+</sup> -channel and neurite elongation. <i>PNAS.</i> 104(21): 9063-9068.
Pheochromocytoma	Rat	GenePORTER Reagent	Zeniou-Meyer, M., Zabari, N., Ashery, U., Chasserot-Golaz, S., Haeberle, A-M., Demais, V., Bailly, Y., Gottfried, I., Nakanishi, H., Neiman, A.M., Du, G., Frohman, M.A., Bader, M-F and Vitale, N. (2007) PLD1 production of phosphatidic acid at the plasma membrane promotes exocytosis of large dense-core granule at a late stage. <i>J. Biol. Chem.</i> 282 (30): 21746 -21757.
Pheochromocytoma	Rat	GenePORTER 2 Reagent	Courel, M., Vasquez, M.S., Hook, V.Y., Mahata, S.K. and Taupenot, L. (2008) Sorting of the Neuroendocrine Secretory Protein Secretogranin II into the Regulated Secretory Pathway: Role of N- and C-Terminal $\alpha$ -Helical Domains

Cell Type	Source	Genlantis Reagent	Citation
Pheochromocytoma	Rat	GenePORTER Reagent	Zeniou-Meyer, M., Liu, Y., Begle, A., Olanish, M., Hanauer, A., Becherer, U., Rettig, J., Bader, M-F. and Vitale, N. (2008) The Coffin-Lowry syndrome-associated protein RSK2 is implicated in calcium-regulated exocytosis through the regulation of PLD1. <i>PNAS</i> . 105(24): 8434-8439.
Pheochromocytoma	Rat	GenePORTER Reagent	Grumolato, L., Ghzili, H., Montero-Hadjadje, M., Gasman, S., Lesage, J., Tanguy, Y., Galas, L., Ait-Ali, D., Leprince, J., Guerineau, N.C., Elkahoul, A.G., Fournier, A., Vieau, D., Vaudry, H. and Anouar, Y. (2008) Selenoprotein T is a PACAP-regulated gene involved in intracellular Ca <sup>2+</sup> mobilization and neuroendocrine secretion. <i>FASEB J</i> . 22(6): 1756-1768.
Pheochromocytoma	Rat	GenePORTER Reagent	Begle, A., Tryoen-Toth, P., de Barry, J., Bader, M-F and Vitale, N. (2009) ARF6 regulates the synthesis of fusogenic lipids for calcium-regulated exocytosis in neuroendocrine cells. <i>J Biol Chem Papers in Press</i> 10.1074/jbc.M806894200 5 Jan 2009.
Prostate Adenocarcinoma	Human	GenePORTER 2 Transfection Reagent	Budagian, V., Bulanova, E., Orinska, Z., Pohl, T., Borden, E.C., Silverman, R. and Bulfone-Paus, S. (2004) Reverse Signaling through Membrane-bound Interleukin-15. <i>J. Biol. Chem.</i> 279(40): p. 42192-42201.
Prostate Adenocarcinoma	Human	GenePORTER Transfection Reagent	Mabjeesh, N., Post, D., Willard, M., Kaur, B., Van Meir, E.G., Simons, J.W. and Zhong, H. (2002) Geldanamycin Induces Degradation of Hypoxia-inducible Factor 1 Protein via the Proteasome Pathway in Prostate Cancer Cells. <i>Cancer Res</i> . 62: 2478 - 2482.
Prostate Adenocarcinoma	Human	GenePORTER Transfection Reagent	Gustin, J.A., Maehama, T., Dixon, J.E., and Donner, D.B. (2001) The PTEN tumor suppressor protein inhibits TNF induced NF- $\kappa$ B activity. <i>J. Biol. Chem</i> 276: 27740-27744.
Prostate Adenocarcinoma	Human	GenePORTER Transfection Reagent	Amir, S., Wang, R., Matzkin, H., Simons, J.W. and Mabjeesh, N.J. (2006) MSF-A Interacts with Hypoxia-Inducible Factor-1{alpha} and Augments Hypoxia-Inducible Factor Transcriptional Activation to Affect Tumorigenicity and Angiogenesis. <i>Cancer Res</i> . 66(2): 856-866.
Prostate Adenocarcinoma	Human	GenePORTER Transfection Reagent	Mori, A., Lehmann, S., O'Kelly, J., Kumagai, T., Desmond, J.C., Pervan, M., McBride, W.H., Kizaki, M. and Koeffler, H.P. (2006) Capsaicin, a component of red peppers, inhibits the growth of androgen-independent, p53 mutant prostate cancer cells. <i>Cancer Res</i> 66(6): p. 3222.
Prostate Cancer	Human	GenePORTER Reagent	Nie, D., Krishnamoorthy, S., Jin, R., Tang, K., Chen, YC, Qiao, Y., Zacharek, A., Guo, Y., Milanini, J., Pages, G. and Honn, K.V. (2006) Mechanisms Regulating Tumor Angiogenesis by q12-Lipoxygenase in Prostate Cancer Cells. <i>J. Biol. Chem.</i> 281: 18601 - 18609.
Prostate Adenocarcinoma	Human	GenePORTER 2 Reagent	Liu, L., Kodibagkar, V.D., Yu, J-X. and Mason, R.P. (2007) 19F-NMR detection of lacZ gene expression via the enzymic hydrolysis of 2-fluoro-4-nitrophenyl {beta}-D-galactopyranoside in vivo in PC3 prostate tumor xenografts in the mouse. <i>FASEB J</i> . 21:2014-2019.
Prostate Adenocarcinoma	Human	GenePORTER 2 Reagent	Liu, L., Kodibagkar, V.D., Yu, J-X. and Mason, R.P. (2007) 19F-NMR detection of lacZ gene expression via the enzymic hydrolysis of 2-fluoro-4-nitrophenyl $\beta$ -D-galactopyranoside in vivo in PC3 prostate tumor xenografts in the mouse. <i>FASEB J</i> . 21:2014-2019.
Prostate Adenocarcinoma	Human	GenePORTER Reagent	Chen, Y., Tang, Y., Wang, M-T, Zeng, S. and Nie, D (2007) Human Pregnane X Receptor and Resistance to Chemotherapy in Prostate Cancer. <i>Cancer Res</i> 1 67(21): 10361.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Morgan, R.A., Dudley, M.E., Yu, Y.Y.L., Zheng, Z., Robbins, P.F., Theoret, M.R., Wunderlich, J.R., Hughes, M.S., Restifo, N.P., and Rosenberg, S.A. (2003) High Efficiency TCR Gene Transfer into Primary Human Lymphocytes Affords Avid Recognition of Melanoma Tumor Antigen Glycoprotein 100 and Does Not Alter the Recognition of Autologous Melanoma Antigens. <i>J. Immunol</i> 171: 3287 - 3295.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Zhao, Y., Zheng, Z., Robbins, P.F., Khong, H.T., Rosenberg, S.A. and Morgan, R.A. (2005) Primary Human Lymphocytes Transduced with NY-ESO-1 Antigen-Specific TCR Genes Recognize and Kill Diverse Human Tumor Cell Lines. <i>J. Immunol.</i> 174(7): p. 4415-4423.
Leukemia	Gibbon Ape	GenePORTER Transfection Reagent	Zhao, Y., Zheng, Z., Robbins, P.F., Khong, H.T., Rosenberg, S.A. and Morgan, R.A. (2005) Primary Human Lymphocytes Transduced with NY-ESO-1 Antigen-Specific TCR Genes Recognize and Kill Diverse Human Tumor Cell Lines. <i>J. Immunol.</i> 174(7): p. 4415-4423
Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Cao, Q., Xu, X-M, DeVries, W.H., Enzmann, G.U., Ping, P., Tsoulfas, P., Wood, P.M., Bunge, M.B. and Whittemore, S.R. (2005) Functional Recovery in Traumatic Spinal Cord Injury after Transplantation of Multineurotrophin-Expressing Glial-Restricted Precursor Cells. <i>J. Neurosci.</i> 25(30): p. 6947-6957.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Zhao, Y., Zheng, Z., Robbins, P.F., Khong, H.T., Rosenberg, S.A. and Morgan, R.A. (2005) Primary Human Lymphocytes Transduced with NY-ESO-1 Antigen-Specific TCR Genes Recognize and Kill Diverse Human Tumor Cell Lines. <i>J. Immunol.</i> 174(7): p. 4415-4423
Hepatocellular Carcinoma	PLC	GenePORTER 2 Transfection Reagent	Windoffer, R., Woll, S., Strnad, P. and Leube, R.E. (2004) Identification of Novel Principles of Keratin Filament Network Turnover in Living Cells. <i>Mol. Biol. Cell</i> 15(5): p. 2436-2448
Retinal Pericytes	Bovine	GenePORTER 2 Transfection Reagent	Cacicedo, J.M., Benjachareowong, S., Chou, E., Ruderman, N.B. and Ido, Y. (2005) Palmitate-Induced Apoptosis in Cultured Bovine Retinal Pericytes: Roles of NAD(P)H Oxidase, Oxidant Stress, and Ceramide. <i>Diabetes</i> , 54(6): p. 1838-1845.
Pulmonary Artery Endothelium	Bovine	GenePORTER 2 Transfection Reagent	Day, R.M., Thiel, G., Lum, J., Chévere, R.D., Yang, Y., Stevens, J., Sibert, L. and Fanburg, B.L. (2004) Hepatocyte Growth Factor Regulates Angiotensin Converting Enzyme Expression. <i>J. Biol. Chem.</i> 279: 8792 - 8801.
Pulmonary Artery Endothelium	Human	GenePORTER 2 Transfection Reagent	Wadgaonkar, R., Pierce, J.W., Somnay, K., Damico, R.L., Crow, M.T., Collins, T. and Garcia, J.G.N. (2004) Regulation of c-JUN N-terminal Kinase and p38 Kinase Pathways in Endothelial Cells. <i>Am. J. Respir. Cell Mol. Biol.</i> 31(4): p. 423-431.
Osteoblasts	Mouse	GenePORTER 2 Transfection Reagent	Inoue, D., Kido, S. and Matsumoto, T. (2004) Transcriptional induction of fosB/delta fosB gene by mechanical stress in Osteoblasts. <i>J. Biol. Chem.</i> 279: 49795-49803.
Keratinocytes	Mouse	GenePORTER 2 Transfection Reagent	Windoffer, R., Woll, S., Strnad, P. and Leube, R.E. (2004) Identification of Novel Principles of Keratin Filament Network Turnover in Living Cells. <i>Mol. Biol. Cell</i> 15(5): p. 2436-2448.
Keratinocytes	Human	GenePORTER 2 Transfection Reagent	Windoffer, R., Woll, S., Strnad, P. and Leube, R.E. (2004) Identification of Novel Principles of Keratin Filament Network Turnover in Living Cells. <i>Mol. Biol. Cell</i> 15(5): p. 2436-2448.
Fetal Kidney	Equine	GenePORTER 2 Transfection Reagent	Li, F., Chen, C., Puffer, B.A., and Montelaro, R.C. (2002) Functional Replacement and Positional Dependence of Homologous and Heterologous L Domains in Equine Infectious Anemia Virus Replication. <i>J. Virol.</i> 76: 1569.
Dermal Fibroblast	Mouse	GenePORTER 2 Transfection Reagent	Mix, K.S., Coon, C.I., Rosen, E.D., Suh, N., Sporn, M.B. and Brinckerhoff, C.E. (2004) Peroxisome Proliferator-Activated Receptor-Independent Repression of Collagenase Gene Expression by 2-Cyano-3,12-dioxooleana-1,9-dien-28-oic Acid and Prostaglandin 15-Deoxy-(12,14) J2: A Role for Smad Signaling. <i>Mol. Pharmacol.</i> 65: 309 - 318.

Cell Type	Source	Genlantis Reagent	Citation
Dermal Cells	Equine	GenePORTER 2 Transfection Reagent	Chen, C., Weisz, O.A., Stolz, D.B., Watkins, S.C. and Montelaro, R.C. (2004) Differential Effects of Actin Cytoskeleton Dynamics on Equine Infectious Anemia Virus Particle Production. <i>J. Virol.</i> 78: 882 - 891.
Dermal Cells	Equine	GenePORTER 2 Transfection Reagent	Chen, C. and Montelaro, R.C. (2003) Characterization of RNA Elements That Regulate Gag-Pol Ribosomal Frameshifting in Equine Infectious Anemia Virus. <i>J. Virol.</i> 77: 10280 - 10287.
Astrocytes	Human	GenePORTER 2 Transfection Reagent	Jin, W., Bruno, I.G., Xie, T-X, Sanger, L.J. and Cote, G.J. (2003) Polypyrimidine Tract-Binding Protein Down-Regulates Fibroblast Growth Factor Receptor 1 -Exon Inclusion. <i>Cancer Res.</i> 63: 6154 - 6157.
Pulmonary Artery Endothelium	Human	GenePORTER Transfection Reagent	Wu, M., Kelley, M.R., Hansen, W.K., Martin II, W.J. (2001) Reduction of BCNU Toxicity to Lung Cells by High-Level Expression of O6-methylguanine-DNA methyltransferase. <i>AJP Lung Cellr Molec Phys</i> 280: L755-L761.
Prostate Post-Natal Ductal Epithelium	Rat	GenePORTER Transfection Reagent	Wang, B., Shou, J., Ross, S., Koepfen, H., de Sauvage, F.J., and Gao, W-Q (2003) Inhibition of epithelial ductal branching in the prostate by sonic hedgehog is indirectly mediated by stromal cells. <i>J. Biol. Chem.</i> 300968200.
Ovary	Porcine	GenePORTER Transfection Reagent	Shimizu, T., Miyahayashi, Y., Yokoo, M., Hoshino, Y., Sasada, H. and Sato, E. (2004) Molecular cloning of porcine growth differentiation factor 9 (GDF-9) cDNA and its role in early folliculogenesis: direct ovarian injection of GDF-9 gene fragments promotes early folliculogenesis. <i>Reproduction</i> 128(5): 537-543.
Ovary	Porcine	GenePORTER Transfection Reagent	Shimizu, T., Jiang, J-Y, Iijima, K., Miyabayashi, K., Ogawa, Y., Sasada, H. and Sato, E., (2003) Induction of Follicular Development by Direct Single Injection of Vascular Endothelial Growth Factor Gene Fragments into the Ovary of Miniature Gilts. <i>Biol. Reprod.</i> 69: 1388 - 1393.
Neuronal Dendrites	Rat	GenePORTER Transfection Reagent	Meskini, R.E., Galano, G.J., Marx, R., Mains, R.E., and Betty A. Eipper (2001) Targeting of Membrane Proteins to the Regulated Secretory Pathway in Anterior Pituitary Endocrine Cells, <i>J. Biol. Chem.</i> 276: 3384-3393.
Neuronal Dendrites	Rat	GenePORTER Transfection Reagent	Kacharina, J.E., Job, C., Crino, P., Eberwine, J. (2000) Stimulation of glutamate receptor protein synthesis and membrane insertion within isolated neuronal dendrites. <i>Proc. Natl. Acad. Sci. USA</i> 97: 11545-11550. [RNA Transfection]
Nestin-Positive Islet-Derived Progenitor Cells	Human	GenePORTER Transfection Reagent	Abraham, E.J., Kodama, S., Lin, J.C., Ubeda, M., Faustman, D.L. and Habener, J.F. (2004) Human Pancreatic Islet-Derived Progenitor Cell Engraftment in Immunocompetent Mice. <i>Am. J. Pathol.</i> 164: 817 - 830.
Mammary Epithelial Cells	Human	GenePORTER Transfection Reagent	Wang, Wei, Nahta, R., Huper, G. and Marks, J.R. (2004) TAFII70 Isoform-Specific Growth Suppression Correlates With Its Ability to Complex With the GADD45a Protein. <i>Mol. Cancer Res.</i> 2 (8): p. 442-452.
Mammary Epithelial Cells	Human	GenePORTER Transfection Reagent	Eaton, E.M. and Sealy, L. (2003) Modification of CCAAT/Enhancer-binding Protein- by the Small Ubiquitin-like Modifier (SUMO) Family Members, SUMO-2 and SUMO-3. <i>J. Biol. Chem.</i> 278: 33416 - 33421.
Macrophages	Mouse	GenePORTER Transfection Reagent	Hoeb, K., Du, X., George, P., Janssen, E., Tabela, K., Kim, S. O., Goode, J., Lin, P., Mann, N., Mudd, S., Crozat, K., Sovath, S., Han, J. & Beutler, B. (2003) Identification of Lps2 as a key transducer of MyD88-independent TIR signaling. <i>Nature</i> 424 (14): 743-748.
Hippocampal Neuron	Rat	GenePORTER Transfection Reagent	Job, C. and Eberwine, J. (2001) From the Cover: Identification of sites for exponential translation in living dendrites. <i>PNAS</i> 98: 13037-13042. [RNA Transfection]
Fetal Osteoblasts	Rat	GenePORTER Transfection Reagent	Billiard, J., Umayahara, Y., Wiren, K., Centrella, M., McCarthy, T.L., and Rotwein, P. (2001) Regulated Nuclear-Cytoplasmic Localization of CCAAT/ Enhancer-binding Protein in Osteoblasts. <i>J. Biol. Chem.</i> 276: 15354-15361.
Fetal Kidney	Equine	GenePORTER Transfection Reagent	Howe, L., Craigo, J.K., Issel, C.J. and Montelaro, R.C. (2004) Specificity of serum neutralizing antibodies induced by transient immune suppression of inapparent carrier ponies infected with a neutralization-resistant equine infectious anemia virus envelope strain. <i>J Gen Virol.</i> 86: 139-149.
Fetal Hepatocytes	Rat	GenePORTER Transfection Reagent	Awad, M., Enslin, H., Boylan, J., Davis, R., Gruppuso, P. (2000) Growth Regulation via p38 Mitogen-Activated Protein Kinase in Developing Liver. <i>J. Biol. Chem</i> 275:38716-21.
Fetal Fibroblast	Bovine	GenePORTER Transfection Reagent	Chen, S-H, Vaught, T.D., Monahan, J.A., Boone, J., Emslie, E., Jobst, P.M., Lamborn, A.E., Schnieke, A., Robertson, L., Colman, A., Dai, Y., Polejaeva, I.A., and Ayares, D.L. (2002) Efficient Production of Transgenic Cloned Calves Using Preimplantation Screening. <i>Biol. Reprod.</i> 67: 1488.
Embryonic Retinal Neuron	Chicken	GenePORTER Transfection Reagent	Toy, J., Norton, J.S., Jibodh, S.R., and Adler, R. (2002) Effects of Homeobox Genes on the Differentiation of Photoreceptor and Nonphotoreceptor Neurons. <i>Invest. Ophthalmol. Vis. Sci.</i> 43: 3522.
Embryonic Retinal Neuron	Chicken	GenePORTER Transfection Reagent	Toy J., Bradford RL, Adler R. (2000) Lipid-mediated gene transfection into chick embryo retinal cells in ovo and in vitro. <i>J Neurosci Methods</i> ; 104:1-8.
Embryonic Fibroblast	Chicken	GenePORTER Transfection Reagent	Adler, R. and Belecky-Adams, T. (2002) The role of bone morphogenetic proteins in the differentiation of the ventral optic cup. <i>Development</i> 129: 3161 - 3171.
Embryo	Zebrafish	GenePORTER Transfection Reagent	Sussman, R. (2001) Direct DNA Delivery into Zebrafish Embryos Employing Tissue Culture Techniques. <i>Genesis</i> 31: 1-5.
Early Differentiated Embryonic Stem Cells	Mouse	GenePORTER Transfection Reagent	Yang, Y., Min, J-Y, Rana, J.S, Ke, O., Cai, J., Chen, Y., Morgan, J.P., and Xiao, Y-F (2002) VEGF enhances functional improvement of postinfarcted hearts by transplantation of ESC-differentiated cells. <i>J. Appl. Physiol.</i> 93: 1140 - 1151.
Dermal Fibroblast	Mouse	GenePORTER Transfection Reagent	Mix, K.S., Coon, C.I., Rosen, E.D., Suh, N., Sporn, M.B. and Brinckerhoff, C.E. (2004) Peroxisome Proliferator-Activated Receptor- Independent Repression of Collagenase Gene Expression by 2-Cyano-3,12-dioxoleano-1,9-dien-28-oic Acid and Prostaglandin 15-Deoxy-(12,14) J2: A Role for Smad Signaling. <i>Mol. Pharmacol.</i> 65: 309 - 318.
Dendritic Cells	Mouse	GenePORTER Transfection Reagent	Hill, J.A., Ichim, T.E., Kusznieruk, K.P., Li, M., Huang, X., Yan, X., Zhong, R., Cairns, E., Bell, D.A., and Min, W-P (2003) Immune Modulation by Silencing IL-12 Production in Dendritic Cells Using Small Interfering RNA. <i>J. Immunol.</i> 171: 691 - 696.
Cardiac Myocytes (Neonatal)	Rat	GenePORTER Transfection Reagent	Ottolia, M. Philipson, K.D., John, S. (2004) Conformational Changes of the Ca2+ Regulatory Site of the Na+-Ca2+ Exchanger Detected by FRET. <i>Biophys. J.</i> 87: 899-906.
Cardiac Fibroblasts	Rat	GenePORTER Transfection Reagent	Chen, Y., Epperson, S., Makhsudova, L., Ito, B., Suarez, J., Dillmann, W. and Villarreal, F. (2004) Functional effects of enhancing or silencing adenosine A2b receptors in cardiac fibroblasts. <i>AJP: Heart.</i> 287(6): H2478-H2486.

Cell Type	Source	Genlantis Reagent	Citation
Astrocytes	Rat	GenePORTER Transfection Reagent	Zelenaia, O., Schlag, B.D., Gochenauer, G.E., Ganel, R., Song, W., Beesley, J.S., Grinspan, J.B., Rothstein, J.D., Robinson, M.B. (2000) Epidermal Growth Factor Receptor Agonists Increase Expression of Glutamate Transporter GLT-1 in Astrocytes through Pathways Dependent on Phosphatidylinositol 3-Kinase and Transcription Factor NF- $\kappa$ B. <i>Molec. Pharm.</i> 57: 667-678.
Aortic Endothelium	Rat	GenePORTER Transfection Reagent	Humar, R., Kiefer, F., Berns, H., Resink, T., and Bategay, E. (2002) Hypoxia enhances vascular cell proliferation and angiogenesis in vitro via rapamycin (mTOR) -dependent signaling. <i>FASEB J.</i> 16: 771 - 780.
Anterior Pituitary	Rat	GenePORTER Transfection Reagent	Wu, M., Kelley, M.R., Hansen, W.K., Martin II, W.J. (2001) Reduction of BCNU Toxicity to Lung Cells by High-Level Expression of O6-methylguanine-DNA methyltransferase. <i>AJP: Lung Cellr. Molec. Phys.</i> 280: L755-L761.
Osteoblast	Mouse	GenePORTER Transfection Reagent	Oshima, T., Abe, M., Asano, J., Hara, T., Kitazoe, K., Sekimoto, E., Tanaka, Y., Shibata, H., Hashimoto, T., Ozaki, S., Kido, S., Inoue, D. and Matsumoto, T. (2005) Myeloma cells suppress bone formation by secreting a soluble Wnt inhibitor, sFRP-2. <i>Blood.</i> 106 (9): p. 3160-3165.
Pancreatic Tumor	Human	GenePORTER Transfection Reagent	VanHouten, J.N., Yu, N., Rimm, D., Dotto, J., Arnold, A., Wysolmerski, J.J. and Udelsman, R. (2005) Hypercalcemia of Malignancy Due to Ectopic Trans-Activation of the PTH Gene. <i>J. Clin. Endocrinol. Metab.</i> published 1 November 2005, 10.1210/jc.2005-2095.
Vas Deferens	Human	GenePORTER Transfection Reagent	Esponda, P., Goldstein, M., Witkin, S.S. (2004) Transfection of the human vas deferens using DNA:liposome and DNA-neutral lipid complexes. <i>Fertil Steril.</i> 81 (1): 171-175.
Ventral Mesenchymal Pad Cells	Rat	GenePORTER Transfection Reagent	Tomlinson, D.C., Grindley, J.C. and Thomson, A.A. (2004) Regulation of Fgf10 Gene Expression in the Prostate: Identification of Transforming Growth Factor- $\zeta$ 1 and Promoter Elements. <i>Endocrinology</i> 145: 1988 - 1995.
Vascular Smooth Muscle	Porcine	GenePORTER Transfection Reagent	Sotoudeh, M., Li, Y-S, Yajima, N., Chang, C-C, Tsou, T-C, Wang, Y., Usami, S., Ratcliffe, A., Chien, S. and John, Y.-J. (2002) Shyy Induction of apoptosis in vascular smooth muscle cells by mechanical stretch. <i>Am J Physiol Heart Circ Physiol</i> 282: 1709 - 1716.
Stromal Cells	Rat	GenePORTER Transfection Reagent	Wang, B., Shou, J., Ross, B., Koeppen, H., de Sauvage, F.J. and Gao, W.Q. (2003) Inhibition of Epithelial Ductal Branching in the Prostate by Sonic Hedgehog Is Indirectly Mediated by Stromal Cells. <i>J. Biol. Chem.</i> 278: 18506 - 18513.
Retinal Pigment Epithelium	Rabbit	GenePORTER Transfection Reagent	Mandava, N., Blackburn, P., Paul, D.B., Wilson, M.W., Read, S.B., Alspaugh, E., Tritz, R., Barber, J.R., Robbins, J.M. and Kruse, C.A. (2002) Ribozyme to Proliferating Cell Nuclear Antigen to Treat Proliferative Vitreoretinopathy. <i>Invest. Ophthalmol. Vis. Sci.</i> 43: 3338 - 3348.
Pancreatic Tumor Cells	Human	GenePORTER Transfection Reagent	VanHouten, J.N., Yu, N., Rimm, D., Dotto, J., Arnold, A., Wysolmerski, J.J. and Udelsman, R. (2006) Hypercalcemia of Malignancy due to Ectopic Transactivation of the Parathyroid Hormone Gene. <i>J. Clin. Endocrinol. Metab.</i> 91(2): 580-583.
Prostate Cancer Epithelial Cells	Human	GenePORTER Transfection Reagent	Thebault, S., Flourakis, M., Vanoverberghe, K., Vandermoere, F., Roudbaraki, M., Lehen'kyi, V., Slomianny, C., Beck, B., Mariot, P., Bonnal, J-L., Mauroy, B., Shuba, Y., Capiod, T., Skryma, R., and Prevarskaya, N. (2006) Differential Role of Transient Receptor Potential Channels in Ca <sup>2+</sup> Entry and Proliferation of Prostate Cancer Epithelial Cells. <i>Cancer Res.</i> 66(4): 2038-2047.
Cardiac Myocytes	Chicken	GenePORTER Reagent	Robin, E., Guzy, R.D., Loor, G., Iwase, H., Waypa, G.B., Marks, J.D., Vanden Hoek, T.L. and Schumacker, P.T. (2007) Oxidant stress during simulated ischemia primes cardiomyocytes for cell death during reperfusion. <i>282(26): p. 19133-19143.</i>
PASMC	Human	GenePORTER 2 Reagent	Zhang, S., Patel, H.H., Murray, F., Remillard, C.V., Schach, C., Thistlethwaite, P.A., Insel, P.A. and Yuan, J.X.J. (2007) Pulmonary artery smooth muscle cells from normal subjects and IPAH patients show divergent cAMP-mediated effects on TRPC expression and capacitative Ca <sup>2+</sup> entry. <i>Am J Physiol Lung Cell Mol Physiol.</i> 292(5): L1202-L1210
Kidney	Opossum (OK)	GenePORTER Reagent	Khundmiri, S.J., Amin, V., Henson, J.T., Lewis, J., Ameen, M., Rane, M.J. and Delamere, N.A. (2007) Ouabain stimulates Protein Kinase B (Akt) phosphorylation in opossum kidney proximal tubule cells through an ERK-dependent pathway. <i>Am J Physiol Cell Physiol</i> 293(3): C1171-C1180.
Endothelial Cells	Mouse	GenePORTER Reagent	Ashton, A.W., Mukherjee, S., Nagajothi, FNU, Huang, H., Braunstein, V.L., Desruisseaux, M.S., Factor, S.M. Lopez, L., Berman, J.W., Wittner, M., Scherer, P.E., Capra, V., Coffman, T.M., Serhan, C.N., Gotlinger, K., Wu, K.K., Weiss, L.M. and Tanowitz, H.B. (2007) Thromboxane A2 is a key regulator of pathogenesis during <i>Trypanosoma cruzi</i> infection. <i>J. Exp. Med.</i> 204(4): 929-940.
Pulmonary Artery Smooth Muscle	Human	GenePORTER Reagent	Murray, F., Patel, H.H., Suda, R.Y.S., Zhang, S., Thistlewaite, P., Yuan, J.X-J and Insel, P.A. (2007) Expression and Activity of cAMP Phosphodiesterase Isoforms in Pulmonary Artery Smooth Muscle Cells from Patients with Pulmonary Hypertension: Role for PDE1. <i>Am J Physiol Lung Cell Mol Physiol.</i> 292: L294 - L303.
Bone Marrow Dendritic Cells	Mouse	GenePORTER Reagent	Shi, L., Luo, K., Xia, D., Chen, T., Chen, G., Jiang, Y., Li, N. and Cao, X. (2006) DlgR2, dendritic cell-derived immunoglobulin receptor 2, is one representative of a family of IgSF inhibitory receptors and mediates negative regulation of dendritic cell-initiated antigen-specific T-cell responses. <i>Blood</i> 108(8): 2678-2686.
Pulmonary Artery Smooth Muscle	Human	GenePORTER 2 Reagent	Murray, F., Patel, H.H., Suda, R.Y.S., Zhang, S., Thistlethwaite, P.A., Yuan, J.X-J and Insel, P.A. (2007) Expression and activity of cAMP phosphodiesterase isoforms in pulmonary artery smooth muscle cells from patients with pulmonary hypertension: role for PDE1. <i>Am. J. Physiol. Lung Cell Mol. Physiol.</i> 292(1): p. L294-L303.
Cornea	Rat	GenePORTER Reagent	Reisdorph, R.M. and Lindahl, R. (2007) Constitutive and 3-MC-induced Rat ALDH3A1 Expression is Mediated by Multiple Xenobiotic Response Elements. <i>Drug Metab Dispos</i> 35(3): 386-93.
Keratinocyte	Human	GenePORTER 2 Reagent	Lehen'kyi, V., Beck, B., Polakowska, R., Charveron, M., Bordat, P., Skryma, R. and Prevarskaya, N. (2007) TRPV6 is a Ca <sup>2+</sup> -entry channel essential for Ca <sup>2+</sup> -induced differentiation of human keratinocytes. <i>J. Biol. Chem.</i> 282: 22582 $\zeta$ 22591.
Eggs	Mollusc	GenePORTER Reagent	Guerra, R. and Esponda, P. (2006) Transfection of eggs in the bivalve mollusc <i>Chamelea gallina</i> (Bivalvia, Veneridae). <i>J Submicrosc. Cytol. Pathol.</i> 38 (1): p. 5.
Peritoneal Macrophages	Mouse	GenePORTER Reagent	Kong, X-N, Yan, H-X, Chen, L., Dong, L-W, Yang, W., Liu, Q., Yu, L-X, Huang, D-D, Liu, S-Q, Liu, H., Wu, M-C and Wang, H-Y (2007) LPS-induced down-regulation of signal regulatory protein {alpha} contributes to innate immune activation in macrophages. <i>J. Exp. Med.</i> 204(11): 2719-2731.
HPAEC	Human	GenePORTER 2 Reagent	Damico, R.L., Chesley, A., Johnston, L., Bind, E.P., Amaro, E., Nijmeh, J., Karakas, B., Welsh, L., Pearse, D.B., Garcia, J.G.N. and Crow, M.T. (2008) Macrophage Migration Inhibitory Factor Governs Endothelial Cell Sensitivity to LPS-Induced Apoptosis. <i>Am. J. Respir. Cell Mol. Biol.</i> 39: 77 - 85.

Cell Type	Source	Genlantis Reagent	Citation
Dendritic Cells	Mouse	GenePORTER Reagent	Suzuki, M., Zheng, X., Zhang, X., Li, M., Vladau, C., Ichim, T.E., Sun, H., Min, L.R., Garcia, B. and Min, W.P. (2008) Novel Vaccination for Allergy through Gene Silencing of CD40 Using Small Interfering RNA. <i>J Immunol</i> 180(12): 8461.
Mesenchymal Stem Cells HMSC	Human	GenePORTER Reagent	Choi, D., Kim, J.H., Lim, M., Song, K.W., Paik, S.S., Kim, S.J., Cheong, H.J., Jeon, J.S., Park, H.S., Song, Y.S., Khang, H. and Won, J.H. (2008) Hepatocyte-like cells from human mesenchymal stem cells engrafted in regenerating rat liver tracked with in vivo magnetic resonance imaging. <i>Tissue Eng Part C Methods</i> 14(1): p. 15.
Airway Epithelial Cells	Human	GenePORTER Reagent	James, M.A., Lee, J.H. and Klingelutz, A.J. (2006) Human Papillomavirus Type 16 E6 Activates NF- $\kappa$ B, Induces cIAP-2 Expression, and Protects against Apoptosis in a PDZ Binding Motif-Dependent Manner. <i>J. Virol</i> , 5301-5307.
Fibroblast	Mouse	GenePORTER Transfection Reagent	Ma, Z., Ramanadham, S., Wohltmann, M., Bohrer, A., Hsu, F-F, and Turk, J. (2001) Studies of Insulin Secretory Responses and of Arachidonic Acid Incorporation into Phospholipids of Stably Transfected Insulinoma Cells That Overexpress Group VIA Phospholipase A2 (iPLA2) Indicate a Signaling Rather Than a Housekeeping Role for iPLA2. <i>J. Biol. Chem.</i> 276: 13198-13208.
Kidney	Kangaroo	GenePORTER 2 Transfection Reagent	Windoffer, R., Woll, S., Strnad, P. and Leube, R.E. (2004) Identification of Novel Principles of Keratin Filament Network Turnover in Living Cells. <i>Mol. Biol. Cell</i> 15(5): p. 2436-2448.
Fibroblast	Rat	GenePORTER 2 Transfection Reagent	Farhang-Fallah, J., Yin, X., Trentin, G., Cheng, A., Rozakis-Adcock, M. (2000) Cloning and characterization of PHIP, a novel IRS-1 PH domain binding protein. <i>J. Biol Chem.</i> 275: 40492.
Fibroblast	Rat	GenePORTER Transfection Reagent	Li, D-P, Periyasamy, S., Jones, T.J., and Sanchez, E.R. (2000) Heat and Chemical Shock Potentiation of Glucocorticoid Receptor Transactivation Requires Heat Shock Factor (HSF) Activity. <i>J. Biol. Chem.</i> 275: 26058.
Macrophage	Mouse	GenePORTER 2 Transfection Reagent	Pedchenko, T.V., Park, G.Y., Joo, M., Blackwell, T.S. and Christman, J.W. (2005) Inducible binding of PU.1 and interacting proteins to the Toll-like receptor 4 promoter during endotoxemia. <i>AJP: Lung.</i> 289(3): p. L429-L437.
Macrophage	Mouse	GenePORTER Transfection Reagent	Ikezo, T., Yang, Y., Bandobashi, K., Saito, T., Takemoto, S., Machida, H., Togitani, K., Koeffler, H.P. and Taguchi, H. (2005) Oridonin, a diterpenoid purified from <i>Rabdosia rubescens</i> , inhibits the proliferation of cells from lymphoid malignancies in association with blockade of the NF- $\kappa$ B signal pathways <i>Mol. Cancer Ther.</i> 4(4): p. 578-586.
Macrophage	Mouse	GenePORTER Reagent	Liu, M., Mendicino, M., Ning, Q., Ghanekar, A., He, W., McGilvray, I., Shalev, I., Pivato, D., Clark, D.A., Phillips, M.J. and Levy, G.A. (2006) Cytokine-Induced Hepatic Apoptosis Is Dependent on FGL2/Fibroleukin: The Role of Sp1/Sp3 and STAT1/PU.1 Composite cis Elements. <i>J. Immunol</i> 176: 7028 - 7038.
Macrophage	Mouse	GenePORTER 2 Reagent	Joo, M., Kwon, M., Sadikot, R.T., Kingsley, P.J., Marnett, L.J., Blackwell, T.S., Peebles Jr, R.S., Urade, Y. and Christman, J.W. (2007) Induction and function of lipocalin prostaglandin d synthase in host immunity. <i>J Immunol</i> 179(4): p. 2565.
Macrophage	Mouse	GenePORTER 2 Reagent	Machiya, J-I., Shibata, Y., Yamauchi, K., Hiram, N., Wada, T., Inoue, S., Abe, S., Takabatake, N., Sata, M. and Kubota, I. (2006) Enhanced Expression of MafB Inhibits Macrophage Apoptosis Induced by Cigarette Smoke Exposure. <i>Am. J. Respir. Cell Mol. Biol.</i> published 1 November 2006, 10.1165/rcmb.2006-0248OC.
Macrophage	Mouse	GenePORTER 2 Reagent	Chen, B.C., Liao, C.C., Hsu, M.J., Liao, Y.T., Lin, C.C., Sheu, J.R. and Lin, C.H. (2006) Peptidoglycan-Induced IL-6 Production in RAW 264.7 Macrophages Is Mediated by Cyclooxygenase-2, pGE2/PGE4 Receptors, Protein Kinase A, I- $\kappa$ B Kinase, and NF- $\kappa$ B. <i>J Immunol</i> 177(1): 681.
Macrophage	Mouse	GenePORTER 2 Reagent	Joo, M., Wright, J.G., Hu, N.N., Sadikot, R., Park, G.Y., Blackwell, T.S. and Christman, J.W. (2007) Yin Yang 1 enhances cyclooxygenase-2 gene expression in macrophages. <i>Am J Physiol Lung Cell Mol Physiol.</i> 292(5): L1219-L1226.
Macrophage	Mouse	GenePORTER 2 Reagent	Machiya, J-i., Shibata, Y., Yamauchi, K., Hiram, N., Wada, T., Inoue, S., Abe, S., Takabatake, N., Sata, M., and Kubota, I. (2007) Enhanced Expression of MafB Inhibits Macrophage Apoptosis Induced by Cigarette Smoke Exposure. <i>Am. J. Respir. Cell Mol. Biol.</i> 2007; 36(4): p. 418-426.
Macrophage	Mouse	GenePORTER Reagent	Kong, X-N, Yan, H-X, Chen, L., Dong, L-W, Yang, W., Liu, Q., Yu, L-X, Huang, D-D, Liu, S-Q, Liu, H., Wu, M-C and Wang, H-Y (2007) LPS-induced down-regulation of signal regulatory protein ( $\alpha$ ) contributes to innate immune activation in macrophages. <i>J. Exp. Med.</i> 204(11): 2719-2731.
Macrophage	Mouse	GenePORTER 2 Transfection Reagent	Park, G.Y., Joo, M., Pedchenko, T., Blackwell, T.S. and Christman, J.W. (2003) Regulation of macrophage cyclooxygenase-2 gene expression by modifications of histone H3. <i>Am J Physiol Lung Cell Mol Physiol</i> 286(5): p. L956-L962.
Macrophage	Mouse	GenePORTER 2 Transfection Reagent	Joo, M., Park, G.Y., Wright, J.G., Blackwell, T.S., Atchison, M.L. and Christman, J.W. (2004) Transcriptional Regulation of the Cyclooxygenase-2 Gene in Macrophages by PU.1. <i>J. Biol. Chem.</i> 279: 6658 - 6665.
Macrophage	Mouse	GenePORTER Transfection Reagent	Ikezo, T., Yang, Y., Heber, D., Taguchi, H. and Koeffler, H.P. (2003) PC-SPES: A Potent Inhibitor of Nuclear Factor- B Rescues Mice from Lipopolysaccharide-Induced Septic Shock. <i>Mol. Pharmacol.</i> , 64: 1521 - 1529.
Macrophage	Mouse	GenePORTER Transfection Reagent	Binder, R.J. and Srivastava, P.K. (2004) Essential role of CD91 in re-presentation of gp96-chaperoned peptides. <i>Proc. Natl. Acad. Sci.</i> 101: 6128 - 6133.
Basophilic Leukemia	Rat	GenePORTER 2 Transfection Reagent	Bulanova, E., Budagian, V., Orinska, Z., Krause, H., Paus, R. and Bulfone-Paus, S. (2003) Mast Cells Express Novel Functional IL-15 Receptor Isoforms. <i>J. Immunol.</i> 170: 5045 - 5055.
Basophilic Leukemia	Rat	GenePORTER Transfection Reagent	Larson, D.R., Gosse, J.A., Holowka, D.A., Baird, B.A. and Webb, W.W. (2005) Temporally resolved interactions between antigen-stimulated IgE receptors and Lyn kinase on living cells. <i>J. Cell Biol.</i> 171(3): p. 527-536.
Basophilic Leukemia	Rat	GenePORTER Transfection Reagent	Gosse, J.A., Wagenknecht-Wiesner, A., Holowka, D. and Baird, B. (2005) Transmembrane Sequences Are Determinants of Immunoreceptor Signaling. <i>J. Immunol.</i> 175(4): p. 2123-2131.
Basophilic Leukemia	Rat	GenePORTER Transfection Reagent	Wu, M., Holowka, D., Craighead, H.G. and Baird, B. (2004) Visualization of plasma membrane compartmentalization with patterned lipid bilayers. <i>Proc. Natl. Acad. Sci. USA.</i> 101 (38): 13798-13803.
Embryonal Rhabdomyosarcoma	Human	GenePORTER Transfection Reagent	Tchenio, T., Casella, J-F, and Heidmann, T. (2000) Members of the SRY Family Regulate the Human LINE Retrotransposons. <i>Nucl. Acids Res.</i> 28: 411-415.
Rhabdomyosarcoma	Human	GenePORTER Transfection Reagent	Donofrio, G., Heppner, F.L., Polymenidou, M., Musahl, C. and Aguzzi, A. (2005) Paracrine Inhibition of Prion Propagation by Anti-PrP Single-Chain Fv Miniantibodies. <i>J. Virol.</i> , 79: 8330 - 8338.

Cell Type	Source	Genlantis Reagent	Citation
Epithelial Kidney	Rat	GenePORTER Transfection Reagent	Mack, J.A., Li, L., Sato, N., Hascall, V.C. and Maytin, E.V. (2005) Hoxb13 Up-regulates Transglutaminase Activity and Drives Terminal Differentiation in an Epidermal Organotypic Model J. Biol. Chem. 280(33): p. 29904-29911.
Insulinoma	Rat	GenePORTER Reagent	Barbu, A. and Welsh, N. (2007) Lipofection of Insulin-Producing RINm5F Cells: Methodological Improvements. J. Liposome Res. 17(2): p. 49.
Colorectal Cancer	Human	GenePORTER Transfection Reagent	Bordonaro, M., Lazarova, D.L. and Sartorelli, A.C. (2004) Pharmacological and genetic modulation of Wnt-targeted Cre-Lox-mediated gene expression in colorectal cancer cells. Nucleic Acids Res. 32(8): p. 2660-2674.
Embryonic	Drosophila	GenePORTER Transfection Reagent	McDonald, M.J., Rosbash, M., Emery, P. (2001) Wild-Type Circadian Rhythmicity is Dependent on Closely Spaced E Boxes in the Drosophila timeless Promoter. Mol & Cell Biol 21: 1207-1217.
Osteosarcoma	Human	GenePORTER Transfection Reagent	Udagawa, T., Fernandez, A., Achilles, E-G, Folkman, J. and D'Amato, R.J. (2002) Persistence of microscopic human cancers in mice: alterations in the angiogenic balance accompanies loss of tumor dormancy. FASEB J. 16: 1361 - 1370.
Osteosarcoma	Human	GenePORTER 2	Kaluz, S., Kaluzova, M. and Stanbridge, E.J. (2006) Proteasomal Inhibition Attenuates Transcriptional Activity of Hypoxia-Inducible Factor 1 (HIF-1) via Specific Effect on the HIF-1α C-Terminal Activation Domain. Mol. Cell. Biol. 26(15): 5895-5907.
Squamous Cell Carcinoma	Human	GenePORTER Transfection Reagent	Bernardi, R.J., Trump, D.L., Yu, W-D., McGuire, T.F., Hersherberger, P.A., and Johnson, C.S. (2001) Combination of 1,25-Dihydroxyvitamin D3 with Dexamethasone Enhances Cell Cycle Arrest and Apoptosis: Role of Nuclear Receptor Cross-Talk and Erk/Akt Signaling. Clin. Cancer Res.7: 4164.
Neuroblastoma	Human	GenePORTER 2 Transfection Reagent	Shibata, T., Yamada, T., Ishii, T., Kumazawa, S., Nakamura, H., Masutani, H., Yodoi, J. and Uchida, K. (2003) Thioredoxin as a Molecular Target of Cyclopentenone Prostaglandins. J. Biol. Chem. 278: 26046 - 26054.
Neuroblastoma	Human	GenePORTER 2 Transfection Reagent	Neumar, R.W., Xu, Y.A., Gada, H., Guttmann, R.P. and Siman, R. (2003) Cross-talk between Calpain and Caspase Proteolytic Systems During Neuronal Apoptosis. J. Biol. Chem. 278: 14162 - 14167.
Neuroblastoma	Human	GenePORTER Transfection Reagent	Bros, M., Ross, X-L, Pautz, A., Reske-Kunz, A.B. and Ross, R. (2003) The Human Fascin Gene Promoter Is Highly Active in Mature Dendritic Cells Due to a Stage-Specific Enhancer. J. Immunol. 171: 1825 - 1834.
Cervical Squamous Carcinoma	Human	GenePORTER 2 Transfection Reagent	Arany, I., Whitehead, W.E., Grattendick, K.J., Ember, I.A., and Tying, S.K. (2002) Suppression of Growth by All-trans Retinoic Acid Requires Prolonged Induction of Interferon Regulatory Factor 1 in Cervical Squamous Carcinoma (SiHa) Cells. Clin. Diagn. Lab. Immunol. 9: 1102 - 1106.
Breast Cancer	Human	GenePORTER Transfection Reagent	Wang, Wei, Nahta, R., Huper, G. and Marks, J.R. (2004) TAFII70 Isoform-Specific Growth Suppression Correlates With Its Ability to Complex With the GADD45a Protein. Mol. Cancer Res. 2 (8): p. 442-452.
Breast Cancer	Human	GenePORTER Transfection Reagent	Stofega, M.R., Sanders, L.C., Gardiner, E.M. and Bokoch, G.M. (2004) Constitutive p21-activated Kinase (PAK) Activation in Breast Cancer Cells as a Result of Mislocalization of PAK to Focal Adhesions. Mol. Biol. Cell 15(6): p. 2965-2977.
Breast Cancer	Human	GenePORTER Transfection Reagent	Kawakami, K., Kawakami, M. and Puri, R.K. (2004) Specifically targeted killing of interleukin-13 (IL-13) receptor-expressing breast cancer by IL-13 fusion cytotoxin in animal model of human disease. Mol. Cancer Ther. 3: 137 - 147.
Mammary Epithelial Adenocarcinoma	Human	GenePORTER Transfection Reagent	Christensen, L.A., Finch, R.A., Booker, A.J. and Vasquez, K.M. (2006) Targeting Oncogenes to Improve Breast Cancer Chemotherapy. Cancer Res. 66(8): p. 4089-4094.
Neuroblastoma	Human	GenePORTER Transfection Reagent	Popova, J.S. and Rasenick, M.M. (2004) Clathrin-mediated endocytosis of m3 muscarinic receptors. Roles for Gbeta gamma and tubulin. J. Biol. Chem. 279: 30410-30418.
Ovarian Carcinoma	Human	GenePORTER Transfection Reagent	Scheffold, C., Kornacker, M., Scheffold, Y.C., Contag, C.H., and Negrin, R.S. (2002) Visualization of Effective Tumor Targeting by CD8+ Natural Killer T Cells Redirected with Bispecific Antibody F(ab')2HER2xCD3. Cancer Res. 62: 5785 - 5791.
Glioblastoma	Human	GenePORTER 2 Transfection Reagent	Jin, W. and Cote, G.J. (2004) Enhancer-Dependent Splicing of FGFR1 {alpha}-Exon Is Repressed by RNA Interference-Mediated Down-Regulation of SRp55. Cancer Res. 64(24): p. 8901-8905.
Glioblastoma	Human	GenePORTER 2 Transfection Reagent	Jin, W. and Cote, G.J. Enhancer-Dependent Splicing of FGFR1 {alpha}-Exon Is Repressed by RNA Interference-Mediated Down-Regulation of SRp55. Cancer Res; 64 (24): 8901-8905.
Glioblastoma	Human	GenePORTER Transfection Reagent	Jin, W., Bruno, I.G., Xie, T-X, Sanger, L.J. and Cote, G.J. (2003) Polypyrimidine Tract-Binding Protein Down-Regulates Fibroblast Growth Factor Receptor 1 -Exon Inclusion. Cancer Res. 63: 6154 - 6157.
Embryonic Fibroblast	Mouse	GenePORTER Transfection Reagent	Kato, M., Takeda, K., Kawamoto, Y., Iwashita, T., Akhand, A.A., Senga, T., Yamamoto, M., Sobue, G., Hamaguchi, M., Takahashi, M. and Nakashima, I. (2002) Repair by Src Kinase of Function-impaired RET with Multiple Endocrine Neoplasia Type 2A Mutation with Substitutions of Tyrosines in the COOH-Terminal Kinase Domain for Phenylalanine. Cancer Res. 62: 2414 - 2422.
Gastric Sarcoma	Human	GenePORTER Transfection Reagent	Udagawa, T., Fernandez, A., Achilles, E-G, Folkman, J. and D'Amato, R.J. (2002) Persistence of microscopic human cancers in mice: alterations in the angiogenic balance accompanies loss of tumor dormancy. FASEB J. 16: 1361 - 1370.
Pancreatic Cancer	Human	GenePORTER Transfection Reagent	Kawakami, K., Kawakami, M., Leland, P., and Puri, R.K. (2002) Internalization Property of Interleukin-4 Receptor Chain Increases Cytotoxic Effect of Interleukin-4 Receptor-targeted Cytotoxin in Cancer Cells. Clin. Cancer Res. 8: 258 - 266.
Colorectal Cancer	Human	GenePORTER Transfection Reagent	Bordonaro, M., Lazarova, D.L. and Sartorelli, A.C. (2004) Pharmacological and genetic modulation of Wnt-targeted Cre-Lox-mediated gene expression in colorectal cancer cells. Nucleic Acids Res. 32(8): p. 2660-2674.
Adrenal Carcinoma	Human	GenePORTER 2 Transfection Reagent	Windoffer, R., Woll, S., Strnad, P. and Leube, R.E. (2004) Identification of Novel Principles of Keratin Filament Network Turnover in Living Cells. Mol. Biol. Cell 15(5): p. 2436-2448.
Adrenal Carcinoma	Human	GenePORTER 2 Transfection Reagent	Wang, F., Zhang, R., Beischlag, T.V., Muchardt, C., Yaniv, M. and Hankinson, O. (2004) Roles of brahma and brahma/SWI2-related gene 1 in hypoxic induction of the erythropoietin gene. J. Biol. Chem. 279: 46733 - 46741.
Adrenal Carcinoma	Human	GenePORTER Transfection Reagent	Perez-Olle, R., Leung, C.L. and Liem, R.K.H. (2002) Effects of Charcot-Marie-Tooth-linked mutations of the neurofilament light subunit on intermediate filament formation. J. Cell Sci. 115: 4937 - 4946.
Chondrosarcoma	Human	GenePORTER 2 Transfection Reagent	Mix, K.S., Coon, C.I., Rosen, E.D., Suh, N., Sporn, M.B. and Brinckerhoff, C.E. (2004) Peroxisome Proliferator-Activated Receptor-Independent Repression of Collagenase Gene Expression by 2-Cyano-3,12-dioxooleana-1,9-dien-28-oic Acid and Prostaglandin 15-Deoxy-(12,14) J2: A Role for Smad Signaling. Mol. Pharmacol. 65: 309 - 318.

Cell Type	Source	Genlantis Reagent	Citation
Chondrosarcoma	Human	GenePORTER Transfection Reagent	Mix, K.S., Coon, C.I., Rosen, E.D., Suh, N., Sporn, M.B. and Brinckerhoff, C.E. (2004) Peroxisome Proliferator-Activated Receptor-Independent Repression of Collagenase Gene Expression by 2-Cyano-3,12-dioxooleana-1,9-dien-28-oic Acid and Prostaglandin 15-Deoxy-(12,14) J2: A Role for Smad Signaling. <i>Mol. Pharmacol.</i> 65: 309 - 318.
Chondrosarcoma	Human	GenePORTER Transfection Reagent	Mengshol, JA, Vincenti, MP, Coon, CI, Barchowsky, A and Brinckerhoff, CE (2000) Interleukin-1 induction of collagenase 3 (matrix metalloproteinase 13) gene expression in chondrocytes requires p38, c-Jun N-terminal kinase, and nuclear factor kappaB: differential regulation of collagenase 1 and collagenase 3. <i>Arthritis Rheum.</i> 43(4): 801-11.
Chondrosarcoma	Human	GenePORTER 2 Reagent	Mix, K.S., Attur, M.G., Al-Mussawir, H., Abramson, S.B., Brinckerhoff, C.E. and Murphy, E.P. (2007) Transcriptional Repression of Matrix Metalloproteinase Gene Expression by the Orphan Nuclear Receptor NURR1 in Cartilage. <i>J. Biol. Chem.</i> 282(13): 9492-9504.
Embryonic Fibroblast	Mouse	GenePORTER Transfection Reagent	Kato, M., Takeda, K., Kawamoto, Y., Iwashita, T., Akhand, A.A., Senga, T., Yamamoto, M., Sobue, G., Hamaguchi, M., Takahashi, M. and Nakashima, I. (2002) Repair by Src Kinase of Function-impaired RET with Multiple Endocrine Neoplasia Type 2A Mutation with Substitutions of Tyrosines in the COOH-Terminal Kinase Domain for Phenylalanine. <i>Cancer Res.</i> 62: 2414 - 2422.
Mammary Epithelium	Human	GenePORTER Transfection Reagent	Wang, Wei, Nahta, R., Huper, G. and Marks, J.R. (2004) TAF1I70 Isoform-Specific Growth Suppression Correlates With Its Ability to Complex With the GADD45a Protein. <i>Mol. Cancer Res.</i> 2 (8): p. 442-452.
Colonic Epithelium	Human	GenePORTER Transfection Reagent	Lawrence, D., Comerford, K. and Colgan, S. (2002) Role of VASP in reestablishment of epithelial tight junction assembly after Ca2+ switch. <i>Am J Physiol Cell Physiol</i> 282: 1235 - 1245.
Colonic Epithelium	Human	GenePORTER Transfection Reagent	Chow, J.Y.C., Uribe, J., Barrett, K. (2000) A Role for Protein Kinase C? in the Inhibitory Effect of Epidermal Growth Factor on Calcium-stimulated Chloride Secretion in Human Colonic Epithelial Cells. <i>J. Biol. Chem.</i> 275: 21169-21176.
Glioblastoma	Human	GenePORTER Transfection Reagent	Kawakami, K., Taguchi, J., Murata, T., Puri, R. (2001) The interleukin-13 receptor ?2 chain: an essential component for binding and internalization but not for interleukin-13-induced signal transduction through the STAT6 pathway. <i>Blood</i> 97: 2673-2679.
Cholangiocarcinoma	Human	GenePORTER Reagent	Kokuryo, T., Senga, T., Yokoyama, Y., Nagino, M., Nimura, Y. and Hamaguchi, M. (2007) Nek2 as an effective target for inhibition of tumorigenic growth and peritoneal dissemination of cholangiocarcinoma. <i>Cancer Res</i> 15 67(20): 9637.
Monocyte	Human	GenePORTER Reagent	Mukai, Y., Iwaya, K., Ogawa, H., Mukai, K. (2005) Involvement of Arp2/3 complex in MCP-1-induced chemotaxis. <i>Biochem. &amp; Biophys. Res. Comm.</i> 334 (2005) 395-402.
Proximal Tubule	Mouse	GenePORTER 2 Reagent	Arany, I., Herbert, J., Herbert, Z. and Safirstein, R.L. (2008) Restoration of CREB function ameliorates cisplatin cytotoxicity in renal tubular cells. <i>Am J Physiol Renal Physiol.</i> 294: F577 - F581.
Proximal Tubule	Mouse	GenePORTER 2 Reagent	Arany, I., Faisal, A., Nagamine, Y. and Safirstein, R.L. (2008) p66SHC inhibits the pro-survival EGFR/ERK signaling during severe oxidative stress in mouse renal proximal tubule cells. <i>J. Biol. Chem.</i> 283 (10) 6110-6117.
Embryonic Kidney	Human	GenePORTER Reagent	Han, J., Goldstein, L.A., Hou, W. and Rabinowich, H. (2007) Functional linkage between NOXA and Bim in mitochondrial apoptotic events. <i>J. Biol. Chem.</i> 282(22): 16223-16231.
Embryonic Kidney	Human	GenePORTER Transfection Reagent	Hockerman, G.H., Dimac, N., Scheuer, T., Catterall, W.A. (2000) Molecular Determinants of Diltiazem Block in Domains IIS6 and IVS6 of L-type Ca2+ Channels. <i>Molec Pharm</i> 58: 1264-1270.
Glioma	Human	GenePORTER Transfection Reagent	Song, S.W., Fuller, G.N., Zheng, H. and Zhang, W. (2005) Inactivation of the Invasion Inhibitory Gene Iip45 by Alternative Splicing in Gliomas. <i>Cancer Res.</i> 65(9): p. 3562-3567.
Glioblastoma	Human	GenePORTER Transfection Reagent	Kawakami, K., Terabe, M., Kawakami, M., Berzofsky, J.A. and Puri, R.K. (2006) Characterization of a Novel Human Tumor Antigen Interleukin-13 Receptor {alpha}2 Chain. <i>Cancer Res</i> 66(8): 4434-4442.
Osteosarcoma	Human	GenePORTER Transfection Reagent	Cuomo, M.E., Knebel, A., Platt, G., Morrice, N., Cohen, P. and Mitnacht, S. (2005) Regulation of Microfilament Organization by Kaposi Sarcoma-associated Herpes Virus-cyclin CDK6 Phosphorylation of Caldesmon. <i>J. Biol. Chem.</i> 280 (43): p. 35844-35858.
Histiocytic Lymphoma	Human	GenePORTER Transfection Reagent	Emert-Sedlak, L., Shangary, S., Rabinovitz, A., Miranda, M.B., Delach, S.M. and Johnson, D.E. (2005) Involvement of cathepsin D in chemotherapy-induced cytochrome c release, caspase activation, and cell death. <i>Mol. Cancer Ther.</i> 4(5): p. 733-742.
Histiocytic Lymphoma	Human	GenePORTER Transfection Reagent	Pongoski, J., Asai, K. and Cochrane A. (2002) Positive and Negative Modulation of Human Immunodeficiency Virus Type 1 Rev Function by cis and trans Regulators of Viral RNA Splicing. <i>J. Virol.</i> 76: 5108 - 5120.
Histiocytic Lymphoma	Human	GenePORTER Transfection Reagent	Bharadwaj, D., Stein, M-P, Volzer, M., Mold, C., and Du Clos, T.W. (1999) The Major Receptor for C-Reactive Protein on Leukocytes is Fc? Receptor II. <i>J. Exp. Med.</i> 190: 585-590.
Unknown	Unknown	GenePORTER 2 Transfection Reagent	Mix, K.S., Coon, C.I., Rosen, E.D., Suh, N., Sporn, M.B. and Brinckerhoff, C.E. (2004) Peroxisome Proliferator-Activated Receptor-Independent Repression of Collagenase Gene Expression by 2-Cyano-3,12-dioxooleana-1,9-dien-28-oic Acid and Prostaglandin 15-Deoxy-(12,14) J2: A Role for Smad Signaling. <i>Mol. Pharmacol.</i> 65: 309 - 318.
Lung Fibroblast	Chinese Hamster	GenePORTER Transfection Reagent	Kraakman-van der Zwet, M., Overkamp, W.J.I., van Lange, R.E.E., Essers, J., van Duijn-Goedhart, A., Wiggers, I., Swaminathan, S., van Buul, P.P.W., Errami, A., Tan, R.T. L., Jaspers, N.G.J., Sharan, S.K., Kanaar, R. and Zdzienicka, M.Z. (2002) Brca2 (XRCC1) Deficiency Results in Radioresistant DNA Synthesis and a Higher Frequency of Spontaneous Deletions. <i>Mol. Cell. Biol.</i> 22: 669 - 679.
Kidney	Green Monkey	GenePORTER Reagent	Cairns, T.M., Friedman, L.S., Lou, H., Whitbeck, J.C., Shaner, M.S., Cohen, G.H. and Eisenberg, R.J., (2007) N-terminal mutants of HSV-2 gH are transported without gL but require gL for function. <i>J. Virol.</i> 81(10): 5102-5111.
Primary Effusion Lymphoma	Human	GenePORTER Transfection Reagent	Aoki, Y., Feldman, G.M. and Tosato, G. (2003) Inhibition of STAT3 signaling induces apoptosis and decreases survivin expression in primary effusion lymphoma. <i>Blood</i> 101: 1535 - 1542.
Retinoblastoma	Human	GenePORTER Transfection Reagent	Young, J.E., Vogt, T., Gross, K.W. and Khani, S.C. (2003) A Short, Highly Active Photoreceptor-Specific Enhancer/Promoter Region Upstream of the Human Rhodopsin Kinase Gene. <i>Invest. Ophthalmol. Vis. Sci.</i> 44: 4076 - 4085.
Retinoblastoma	Human	GenePORTER Transfection Reagent	Arranz, V., Dreuillet, C., Crisanti, P., Tillit, J., Kress, M., and Ernoult-Lange, M., (2001) The Zinc Finger Transcription Factor, MOK2, Negatively Modulates Expression of the Interphotoreceptor Retinoid-binding Protein Gene, IRBP. <i>J. Biol. Chem.</i> 276: 11963-11969.

Cell Type	Source	Genlantis Reagent	Citation
Retinoblastoma	Human	GenePORTER Reagent	Khani, S.C., Pawlyk, B.S., Bulgakov, O.V., Kasperek, E., Young, J.E., Adamian, M., Sun, X., Smith, A.J., Ali, R.R. and Li, T. (2007) AAV-Mediated Expression Targeting of Rod and Cone Photoreceptors with a Human Rhodopsin Kinase Promoter. <i>Invest. Ophthalmol. Vis. Sci.</i> 48(9): 3954-3961.
Dendritic Cell	Mouse	GenePORTER Transfection Reagent	Hormas Ghadially, Xiao-Lan Ross, Claudia Kerst, Jun Dong, Angelika B. Reske-Kunz, and Ralf Ross (2005) Differential Regulation of CCL22 Gene Expression in Murine Dendritic Cells and B Cells. <i>J. Immunol.</i> 174(9): p. 5620-5629.
Breast Cancer	Human	GenePORTER Transfection Reagent	Wang, Wei, Nahta, R., Huper, G. and Marks, J.R. (2004) TAFII70 Isoform-Specific Growth Suppression Correlates With Its Ability to Complex With the GADD45a Protein. <i>Mol. Cancer Res.</i> 2 (8): p. 442-452.
Breast Cancer	Human	GenePORTER Transfection Reagent	Stofega, M.R., Sanders, L.C., Gardiner, E.M. and Bokoch, G.M. (2004) Constitutive p21-activated Kinase (PAK) Activation in Breast Cancer Cells as a Result of Mislocalization of PAK to Focal Adhesions. <i>Mol. Biol. Cell</i> 15(6): p. 2965-2977.
Breast Cancer	Human	GenePORTER Transfection Reagent	Kawakami, K., Kawakami, M. and Puri, R.K. (2004) Specifically targeted killing of interleukin-13 (IL-13) receptor-expressing breast cancer by IL-13 fusion cytotoxin in animal model of human disease. <i>Mol. Cancer Ther.</i> 3: 137 - 147.
Embryonic Kidney	Human	GenePORTER 2 Reagent	Cheng, X., Wang, Y., He, Q., Qiu, M., Whittemore, S.R. and Cao, Q. (2007) BMP Signaling and Olig1/2 Interact to Regulate the Differentiation and Maturation of Adult Oligodendrocyte Precursor Cells. <i>Stem Cells.</i> 25 (12) 3204 - 3214.