

Cell Line	Cell Type	Source	Genlantis Reagent	Citation
503	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.
10T1/2	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.
1AS	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
293FT	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
293T	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 ²⁺ channels by calmodulin and Ca ²⁺ -binding protein 1. <i>J. Biol. Chem.</i> 280: 29612 - 29619.
293T	Embryonic Kidney	Human	GenePORTER Reagent	Tippens, A.L. and Lee, A. (2007) Caldendrin: a neuron-specific modulator of Cav1.2 (L-type) Ca ²⁺ channels. <i>J. Biol. Chem.</i> 282 (11): 8464-8473.
293T	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):
293T	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
32dc13	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.
3T3-L1	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 -
3T3-L1	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.</i>
3T3-L1	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.
3T3-L1	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 & Dev.</i> 14: 1920-1932.
3T3-L1	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
578T	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., Kitagawa, Y., Keller, E.T., Sedivy, J.M., and Yeung, K.C. (2004) RKIP sensitizes prostate and breast cancer cells to drug-induced
A20/2J	B Cell Lymphoma	Mouse	GenePORTER Transfection Reagent	Horras 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-
A2058	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.
A2780	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.</i>
A498	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.
A549	Lung Carcinoma	Human	GenePORTER 2 Transfection Reagent	Alcorn, M.J., Booth, J.L., Coggshall, K.M., Metcalf, J.P. (2001) Adenovirus Type 7 Induces Interleukin-8 Production via Activation of Extracellular
A549	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 Molec Phys</i> 280: L755-L761.
A549	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.
A549	Lung Carcinoma	Human	GenePORTER Transfection Reagent	Das, K.C., (2001) c-Jun NH2-terminal Kinase-mediated Redox-dependent Degradation of IκB. Role of Thioredoxin in NFκB Activation. <i>J. Biol. Chem.</i> 276:
A549	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-
A7r5	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.
A7r5	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.</i>
A7r5	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,

Cell Line	Cell Type	Source	Genlantis Reagent	Citation
A7r5	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 α -Actin Promoter by Single-stranded DNA-binding Proteins Pura and Purbeta. <i>J. Biol. Chem.</i>
AD293	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.
AKR-2B	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 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.
AKR-2B	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 α -Actin Promoter by Single-stranded DNA-binding Proteins Pura and Purbeta. <i>J. Biol. Chem.</i>
alpha-T3	Gonadotrope	Mouse	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 β Gene. <i>Mol. Endocrinol.</i> 10.1210/me.2007-0455.
alpha-T3	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
alphaT3-1	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>
alphaT3-1	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>
alphaT3-1	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 β -subunit genes in immature gonadotropes, and their actions are overcome by GnRH. <i>Mol. Cell.</i>
AML 14	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- κ B by Fas Ligation. <i>J. Immunol.</i> 169: 3536 - 3544.
ARCaP	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
B103	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 1
B78-C10	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 gL are transported without gL but require gL for function. <i>J. Virol.</i> 81(10): 5102-5111.
B78-H1	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
B78-H1	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
B78-H1	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
BAEC	Aortic Endothelium	Cow	GenePORTER Transfection Reagent	Synnestvedt, K., Furuta, G.T., Comerford, K.M., Louis, N., Karhausen, J., Eitzschig, H.K., Hansen, K.R., Thompson, L.F., and Colgan, S.P. (2002) Ecto-5'-nucleotidase (CD73) regulation by hypoxia-inducible factor-1 mediates
BAEC	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.
BAEC	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.
Balb/c-3T3	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.</i>
BCBL-1	Body Cavity-Based Lymphoma	Human	GenePORTER 2 Transfection Reagent	Bowser, B.S., DeWire, S.M., and Damanja, B. (2002) Transcriptional Regulation of the K1 Gene Product of Kaposi's Sarcoma-Associated
BCL1-3B3	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.
BCP-1	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.
BeWo	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>
BHK-21	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-
BHK-21	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
BHK-21	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>

Cell Line	Cell Type	Source	Genlantis Reagent	Citation
BP r c1TAO	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.</i>
BSC40	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
BT10	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. 8:</i>
BT12	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. 8:</i>
BT-20	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. 3:</i> 137 - 147.
BT-474	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 α in Breast Cancer. <i>Clin. Cancer Res. 11(9):</i> p. 3184-3190.
BT-474	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 277:</i> 27864 - 27871.
BV2	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 320:</i> 1237
C10	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. 2007;</i> 81(9): p. 4858-4865.
C2	Prostate Cancer	Human	GenePORTER Transfection Reagent	Virrolle, T., Kronen-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. 278:</i> 11802 - 11810.
C2C12	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. 155:</i> 393-404.
C2C12	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. 154:</i> 1161-
C2C12	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. 2007;</i> 137(6): 1357-1362.
C2C12	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
C3H/He	Ovarian Surface Epithelium	Mouse	GenePORTER Reagent	Yokoyama, Y., Xin, B., Shigeto, T., Umemoto, M., Kasai-Sakamoto, A., Futagami, M., Tsuchida, S., Al-Mulla, F. and Mizunuma, H. (2007) Clofibrate acid, a peroxisome proliferator-activated receptor α ligand, inhibits growth of
C6	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
C6	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. 24(22):</i> p. 5183-
C6	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
C6	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. 281(8):</i> p.
C6	Glioma	Rat	GenePORTER Reagent	Waxman, E.A., Baconguis, 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 282(24):</i> p. 17594-17607.
C6	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 282:</i> 29855 - 29865.
Caco-2	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.</i>
Caco-2	Colorectal Adenocarcinoma	Human	GenePORTER Transfection Reagent	Geiszt, M., Lekstrom, K., Witta, 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. 278:</i> 20006 - 20012.
Caco-2	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. 2007;</i>
Calpha1	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 α -subunit promoter/SV40 virus T-antigen transgene: Relationship between ectopic expression of luteinizing hormone receptor and transcription factor GATA-4.

Cell Line	Cell Type	Source	Genlantis Reagent	Citation
CAMA-1	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.
Cf2Th	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>
Cf2Th	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.
CFBE410-	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)
CFT1	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.
CG4	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:
CG4	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.
CG4	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.
CHO	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>
CHO	Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Hemming M.L. and Selkoe, D.J. (2005) Amyloid β -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.
CHO	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. 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
CHO	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
CHO, CHO-K1	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 4lg-B7-H3 as a neuroblastoma-associated molecule that exerts a protective role from an NK cell-mediated lysis. <i>Proc.</i>
CHO, CHO-K1	Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Young, R.M., Zheng, X., Holowka, D. and Baird, B. (2005) Reconstitution of Regulated Phosphorylation of Fc(ϵ)RI by a Lipid Raft-excluded Protein-tyrosine Phosphatase. <i>J. Biol. Chem.</i> 280(2): p. 1230-1235.
CHO, CHO-K1	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.
CHO, CHO-K1	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
CHO, CHO-K1	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.</i>
CHO, CHO-K1	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>
CHO, CHO-K1	Ovary	Chinese Hamster	GenePORTER Transfection Reagent	Kawakami, K., Taguchi, J., Murata, T., Puri, R. (2001) The interleukin-13 receptor α 2 chain: an essential component for binding and internalization but not for interleukin-13-induced signal transduction through the STAT6 pathway.
CHO, CHO-K1	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:
CHO, CHO-K1	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.</i>
CHO, CHO-K1	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.
CHO, CHO-K1	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.</i>
CHO, CHO-K1	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 Line	Cell Type	Source	Genlantis Reagent	Citation
CHO, CHO-K1	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
CHO-K1	Ovary	Chinese Hamster	GenePORTER 2 Transfection Reagent	Hamilton, S.R., Li, H., Wischnewski, H., Prasad, A. Kerley-Hamilton, J.S., Mitchell, T., Walling, A.J., Davidson, R.C., Wildt, S. and Gergross, T.U. (2005) Intact (alpha)-1,2-Endomannosidase is a typical type-II membrane
CHO-K1	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>
CHO-K1	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.
CHO-K1	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.</i>
CL3	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.
CL-V4B	Mutant	Chinese Hamster	GenePORTER Transfection Reagent	Godthelp, B., Wiegant, W., van Duijn-Goedhart, A. Schürer, 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.
COLO 320DM	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.
COLO 320DM	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.
COLO 320DM	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
COLO587	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:
COS	Kidney	Green Monkey	GenePORTER Reagent	Ilkow, C.S., Mancinelli, V., Beach, M.D. and Hobman, T.C. (2008) Rubella Virus Capsid Protein Interacts with Poly(A)-Binding Protein and Inhibits
COS-1	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.
COS-1	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.</i>
COS-1	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
COS-1	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>
COS-1	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.
COS-1	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:
COS-1	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.
COS-1	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
COS-1	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
COS-1	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.</i>
COS-1	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:
COS-1	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-
Cos-1	Kidney	Green Monkey	GenePORTER Transfection Reagent	Pache, J.C., Burton, D.W., Defots, 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.
COS-7	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.
COS-7	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:
COS-7	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

Cell Line	Cell Type	Source	Genlantis Reagent	Citation
COS-7	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{alpha} Is Generated by Cleavage That Involves the Tumor Necrosis Factor-{alpha}-converting Enzyme (TACE/ADAM17). <i>J. Biol. Chem.</i> 279 (39):
COS-7	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.
COS-7	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>
COS-7	Kidney	Green Monkey	GenePORTER Transfection Reagent	Tanno, T., Takenaka, S. and Tsuyama, S. (2004) Expression and Function of Slit1{alpha}, a Novel Alternative Splicing Product for Slit1. <i>J. Biochem. (Tokyo).</i>
COS-7	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+ Channels <i>Brit. J. Pharm</i> 130: 1571-
COS-7	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
COS-7	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
COS-7	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.</i>
COS-7	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.
COS-7	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.
COS-7	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 Ca2+-ATPase. <i>Am J Physiol</i>
COS-7	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>
COS-7	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 {alpha}-NAC and Its Coactivation Potency. <i>J. Biol. Chem.</i> 279 (42): 43893-
COS-7	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.
COS-7	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
COS-7	Kidney	Green Monkey	GenePORTER Transfection Reagent	Meysing, A.U., Kanasaki, H., Bedecarrats, G.Y., Acierno 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.</i>
COS-7	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</i>
COS-7	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-
COS-7	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.</i>
COS-7	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.
COS-7	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.</i>
COS-7	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-
COS-7	Kidney	Green Monkey	GenePORTER Transfection Reagent	Kawahara, A., Wilim, 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.
COS-7	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.
COS-7	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	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 -
COS-7	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.</i>

Cell Line	Cell Type	Source	Genlantis Reagent	Citation
COS-7	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):
COS-7	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 Multiplicity of HIV-1
COS-7	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.
COS-7	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.
COS-7	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
COS-7	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:
COS-7	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.
CV-1	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
CV-1	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
DU145	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.
DU145	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.
DU145	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
DU145	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.
E8.2T4	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
EC3	Hepatoma	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.
ECV304	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 ϵ -Dependent Protein. <i>J. Cell Biol.</i> 147: 1073-1084.
ECV304	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 <i>J. Biol. Chem.</i>
EDC	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.
EMT6	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
Endometrial Stromal Cells (Immortalized)	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.</i>
FEK	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.
FEK	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
Fibroblast L	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.
FL-10	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</i>
GH3	Pituitary	Rat	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 β Gene. <i>Mol. Endocrinol.</i> 10.1210/me.2007-0455.
GH4C1	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 Line	Cell Type	Source	Genlantis Reagent	Citation
GH4C1	Anterior Pituitary	Rat	GenePORTER 2 Transfection Reagent	Li, D., Wang, F., and Samuels, H.H. (2001) Domain Structure of the NRIF3 Family of Coregulators Suggests Potential Dual Roles in Transcriptional
GL261	Glioma	Mouse	GenePORTER	Aghi, M., Cohen, K.S., Klein, R.J., Scadden, D.T. and Chiocca, E.A. (2006) Tumor Stromal-Derived Factor-1 Recruits Vascular Progenitors to Mitotic Neovasculature, where Microenvironment Influences Their Differentiated
GP202	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
Granta-519	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.
H1299	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
H1299	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.
H19-7	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.</i>
H520 / H460	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.
H9c2	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.
H9c2	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:
HaCaT	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.</i>
HaCaT	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.
HaCaT	Keratinocyte	Human	GenePORTER 2 Reagent	Minsavage, G.D. and Dillman III, J.F. (2007) Bifunctional Alkylating Agent-Induced p53 and Nonclassical Nuclear Factor- κ 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.</i>
HaCaT	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 ²⁺ -entry channel essential for Ca ²⁺ -induced differentiation of human keratinocytes <i>J. Biol. Chem.</i> 282: 22582
HAOEC, Transformed	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
HC11	Mammary Epithelium	Mouse	GenePORTER Transfection Reagent	Tonko-Geymayer, S., Goupille, O., Tonko, M., Soratroi, C., Yoshimura, A., Streuli, C., Ziemiecki, A., Kofler, R., and Doppler, W. (2002) Regulation and Function of the Cytokine-Inducible SH-2 Domain Proteins, CIS and SOCS3, in
HCT-116	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.
HCT-116	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>
HEK 293	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-
HEK 293	Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Zelhof, A.C. and Hardy, R.W. (2004) WASp is required for the correct temporal morphogenesis of rhabdomyere microvilli. <i>J. Cell Biol.</i> 164: 417 ? 426.
HEK 293	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.
HEK 293	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-
HEK 293	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:
HEK 293	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., 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.
HEK 293	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) Small-molecule inhibitors of HIV-1 entry block receptor-induced conformational changes in the viral envelope glycoproteins. <i>Proc. Natl.</i>
HEK 293	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 Line	Cell Type	Source	Genlantis Reagent	Citation
HEK 293	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
HEK 293	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
HEK 293	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>
HEK 293	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. ↵
HEK 293	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. ↵
HEK 293	Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Cocquerel, L., Quinn, E.R., Flint, M., Hadlock, K.G., Fong, 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.
HEK 293	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.
HEK 293	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.
HEK 293	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.
HEK 293	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
HEK 293	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 (ff)
HEK 293	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.</i>
HEK 293	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.</i>
HEK 293	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.
HEK 293	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.
HEK 293	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</i>
HEK 293	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 -
HEK 293	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.
HEK 293	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 <i>Aplysia</i> sensory neurons. <i>Proc. Natl.</i>
HEK 293	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.
HEK 293	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 -
HEK 293	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.
HEK 293	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.
HEK 293	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.
HEK 293	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
HEK 293	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
HEK 293	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
HEK 293	Embryonic Kidney	Human	GenePORTER Transfection Reagent	Yuan, Y. and Shen, Z. (2001) Interaction with BRCA2 Suggests a Role for Filamin-1 (hsFLN) in DNA Damage Response. <i>J. Biol. Chem</i> 276: 48318 -

Cell Line	Cell Type	Source	Genlantis Reagent	Citation
HEK 293	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.</i>
HEK 293	Embryonic Kidney	Human	GenePORTER Transfection Reagent	Wang, QF, Lauring, J., & Schlissel, 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 & Cell Biol</i> 20: 9203.
HEK 293	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.
HEK 293	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
HEK 293	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-
HEK 293	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.
HEK 293	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.
HEK 293	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
HEK 293	Embryonic Kidney	Human	GenePORTER Transfection Reagent	Skowryra, 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 ING1 with the mSin3/HDAC1 Transcriptional Corepressor Complex. <i>J. Biol.</i>
HEK 293	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.
HEK 293	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.
HEK 293	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
HEK 293	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.</i>
HEK 293	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
HEK 293	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.
HEK 293	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.</i>
HEK 293	Embryonic Kidney	Human	GenePORTER Transfection Reagent	Ottolia, M., Philipson, K.D. and John, S. (2004) Conformational Changes of the Ca2+ Regulatory Site of the Na+-Ca2+ Exchanger Detected by FRET.
HEK 293	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.
HEK 293	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 -
HEK 293	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):
HEK 293	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.
HEK 293	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>
HEK 293	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.
HEK 293	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 MEKK1. <i>J.</i>
HEK 293	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>
HEK 293	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.</i>
HEK 293	Embryonic Kidney	Human	GenePORTER Transfection Reagent	Lee, B., Leslie, G., Soilleux, E., O'Doherty, U., Baik, S., Levronney, 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:
HEK 293	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
HEK 293	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:

Cell Line	Cell Type	Source	Genlantis Reagent	Citation
HEK 293	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>
HEK 293	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.</i>
HEK 293	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.
HEK 293	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 CysteinyI-tRNA Synthetase by Alternative Splicing. <i>Nucl. Acids. Res.</i> 28: 2866-2872.
HEK 293	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 & Immunity</i> 69:
HEK 293	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
HEK 293	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. THE ALZHEIMER'S DISEASE -SECRETASE. <i>J. Biol. Chem.</i> 275: 33729-
HEK 293	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 -
HEK 293	Embryonic Kidney	Human	GenePORTER Transfection Reagent	Amir, S., Wang, R., Matzkin, H., Simons, J.W. and Mabiyeesh, N.J. (2006) MSF-A Interacts with Hypoxia-Inducible Factor-1{alpha} and Augments Hypoxia-Inducible Factor Transcriptional Activation to Affect Tumorigenicity and
HEK 293	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
HEK 293	Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Pache, J.C., Burton, D.W., Defots, 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.
HEK 293 HEK_293T HEK_EBNA	Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Babcock, G.J., Farzan, M., and Sodroski, J. (2003) Ligand-independent Dimerization of CXCR4, a Principal HIV-1 Coreceptor. <i>J. Biol. Chem.</i> 278:
HEK 293 HEK_293T HEK_EBNA	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.
HEK 293 HEK_293T HEK_EBNA	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.</i>
HEK 293 HEK_293T HEK_EBNA	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:
HEK 293 HEK_293T HEK_EBNA	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.
HEK 293 HEK_293T HEK_EBNA	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., Birshtein, B.K. and Berger, S.L. (2003) A Novel Human Ada2 Homologue Functions with Gcn5 or
HEK 293 HEK_293T HEK_EBNA	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
HEK-293	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>
HEK-293	Embryonic Kidney	Human	GenePORTER 2 Reagent	Frauschuh, 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>
HEK-293	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-
HEK-293	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
HEK-293	Embryonic Fibroblast	Human	GenePORTER Reagent	Ottolia, M., John, S., Ren, X. and Philipson, K.D. (2007) Fluorescent Na ⁺ -Ca ⁺ Exchangers: Electrophysiological and Optical Characterization. <i>J. Biol. Chem.</i>
HEK-293	Embryonic Kidney	Human	GenePORTER 2 Reagent	Musiek, E., Brooks, J.D., Joo, M., Brunoldi, E., Porta, A., Zanon, 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
HEK-293	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>

Cell Line	Cell Type	Source	Genlantis Reagent	Citation
HEK293T	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.
HEK293T	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.
HEK293T	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.
HEK-293T	Embryonic Kidney	Human	GenePORTER Transfection Reagent	Ohgami, R.S., Campagna, D.R., McDonald, A. and Fleming, M.D. (2006) The Steap proteins are metalloredoxases. <i>Blood</i> 108: 1388 - 1394.
HEK-293T	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 _v 1.3 Ca ²⁺ Channels through Relief of an Autoinhibitory Domain in the Ca _v 1.3α1 Subunit. <i>J. Neurosci.</i>
HEK-293T	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 -
HEK-293T	Embryonic Fibroblast	Human	GenePORTER Reagent	Tippens, A.L. and Lee, A. (2007) Caldendrin, a Neuron-specific Modulator of Cav1.2 (L-type) Ca ²⁺ Channels. <i>J. Biol. Chem.</i> 282(11): 8464-8473.
HEK-293T	Embryonic Kidney	Human	GenePORTER Reagent	Lee, A., Jimenez, A., Cui, G. and Haeseleer, F. (2007) Phosphorylation of the Ca ²⁺ -Binding Protein CaBP4 by Protein Kinase C {zeta} in Photoreceptors. <i>J.</i>
HEK-293T	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.
HEK-293T	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
HeLa	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>
HeLa	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.
HeLa	Cervical Carcinoma	Human	GenePORTER 2 Transfection Reagent	Spankuch, B., Matthess, 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.</i>
HeLa	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.</i>
HeLa	Cervical Carcinoma	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'-
HeLa	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.
HeLa	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.
HeLa	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.
HeLa	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 &</i>
HeLa	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.</i>
HeLa	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
HeLa	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 -
HeLa	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.
HeLa	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-
HeLa	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 <i>Nippostrongylus brasiliensis</i> Parasite Infection. <i>J. Biol. Chem.</i> 277:
HeLa	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.
HeLa	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-
HeLa	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>

Cell Line	Cell Type	Source	Genlantis Reagent	Citation
HeLa	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.</i>
HeLa	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
HeLa	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.</i>
HeLa	Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Liu, X. and Erikson R.L. (2003) Polo-like kinase (Plk)1 depletion induces apoptosis in cancer cells. <i>PNAS</i> 100: 5789 - 5794.
HeLa	Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Li, W., Hesabi, B., Babbo, A., Pacione, C., Liu, J., Chen, D.J., Nickoloff, J.A. and Shen, Z (2000) Regulation of Double-Strand Break-Induced Mammalian Homologous Recombination by UBL1, a RAD51-Interacting Protein. <i>J. Nucl.</i>
HeLa	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.</i>
HeLa	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>J. Biol. Chem.</i> 278: 39653 - 39661.
HeLa	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</i>
HeLa	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.
HeLa	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 & Dev.</i> 13 (9): 1126-1139.
HeLa	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>J. Molec. & Cell Biol.</i> 20: 3482-3496.
HeLa	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.
HeLa	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 ⁺ Transport, and Gln-923 (M8) Is Essential for Na,K-ATPase
HeLa	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</i>
HeLa	Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Huse, J., Pijak, D., Leslie, G., Lee, V., Doms, R. (2000) Maturation and Endosomal Targeting of γ -Site Amyloid Precursor Protein-cleaving Enzyme. <i>J.</i>
HeLa	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. <i>J.</i>
HeLa	Cervical Carcinoma	Human	GenePORTER Transfection Reagent	Emelyanov, A., Kovac, C., Sepulveda, M. and Birshstein, B. (2002) The interaction of Pax5 (BSAP) with Daxx can result in transcriptional activation in
HeLa	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
HeLa	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
HeLa	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 & Dev.</i> 14: 1920-
HeLa	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 S14?I31) is dispensable for the virus in vitro. <i>J. Gen. Virol.</i> 85:
HeLa	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
HeLa	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
HeLa	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
HeLa	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
HeLa	Cervical Carcinoma	Human	GenePORTER 2 Transfection Reagent	Pache, J.C., Burton, D.W., Defots, 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.
HeLa	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>
HeLa	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.</i>
HeLa	Cervical Carcinoma	Human	GenePORTER 2 Reagent	Hallhuber, M., Burkard, N., Wu, R., Buch, M.H., Engelhardt, S., Hein, L., Neyse, 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 Line	Cell Type	Source	Genlantis Reagent	Citation
HeLa	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.
HeLa	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
HeLa	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.
HeLa	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.
HEp-2	Epithelial Cells	Human	GenePORTER 2 Reagent	Reardon, C. and McKay, D.M. (2007) TGF- β Suppresses IFN- γ -STAT1-Dependent Gene Transcription by Enhancing STAT1-PIAS1 Interactions in Epithelia but Not Monocytes/Macrophages. J. Immunol. 178(7): p. 4284-4295.
Hep3B	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.
Hep3B	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
Hep3B	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
Hepa-1	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.
HepG2	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.
HepG2	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.
HepG2	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
HepG2	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.
HepG2	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.
HepG2	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.
HepG2	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
HepG2	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
HepG2	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
HepG2	Hepatocellular Carcinoma	Human	GenePORTER 2 Reagent	Gray, P.C., Shani, G., Aung, K., Kelber, J. and Vale, W. (2006) Cripto binds TGF- β and inhibits TGF- β signaling. Mol. Cell. Biol. 26 (24): 9268;9278.
HepG2	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- α Hinge Region Attenuates Transcription due to Defective Release of Nuclear Receptor Corepressor from Chromatin. Mol. Endocrinol. 22(5): 1078-1092.
HLE	Embryonic Lung Fibroblast	Human	GenePORTER Transfection Reagent	Setasukina, 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.
HP75	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.
HT 1080	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'-
HT1080	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.
HT-29	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 Line	Cell Type	Source	Genlantis Reagent	Citation
HT-29	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.
HuCC1	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
HUVEC	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.
HUVEC	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.</i>
HUVEC	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 γ 5 Integrin-Modulating, PKC ζ Dependent Protein. <i>J. Cell Biol.</i> 147 (5): 1073-1084.
HUVEC	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) Ligand 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.
HUVEC	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.
HUVEC	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 α -mediated NF κ B activation and leukocyte adhesion, with enhanced endothelial apoptosis, by TP ligands. <i>J. Biol. Chem.</i> 278: 11858 -
HUVEC	Umbilical Vein Endothelial	Human	GenePORTER 2 Reagent	Carluccio, M.A., Ancora, M.A., Massaro, M., Carluccio, M., Scoditti, E., Distante, A., Storelli, C. and De Caterina, R. (2007) Homocysteine induces VCAM-1 gene expression through NF- κ B and NAD(P)H oxidase activation - protective role of Mediterranean diet polyphenolic antioxidants. <i>Am</i>
HUVEC	Umbilical Vein Endothelial	Human	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
IB3.1	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.
JEG3	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.
JEG-3	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.
JJ012	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 Glycosylphosphatidyl 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 -
JJ012	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
JT (Jurkat Derivative)	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- α and CD80 Modulate CD28 Expression through a Similar Mechanism of T-cell Receptor-independent
Jurkat	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
Jurkat	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
Jurkat	T-Cell Lymphoma	Human	GenePORTER Transfection Reagent	Liu, X., Schragar, J.A., and Marsh, J.W. (2001) HIV NEF-mediated cellular phenotypes are differentially expressed as a function of intracellular NEF
Jurkat	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>
Jurkat	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
Jurkat	T-Cell Lymphoma	Human	GenePORTER Transfection Reagent	Grininger, 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.
Jurkat	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:
Jurkat	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
Jurkat	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 Line	Cell Type	Source	Genlantis Reagent	Citation
Jurkat	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
Jurkat	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.
K562	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>
K562	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>
K-562	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.</i>
KAT4C	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.</i>
KB	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.
KB	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
L Cells	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:
L929	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.
L929	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</i>
L929	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.
L929	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 -
L929	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.
LAMD-SM	Spindle-shaped LAM cells	Human	GenePORTER Reagent	Glassberg, M.K., Elliot, S.J., Fritz, J., Catanuto, P., Potter, M., Donahue, R., Steller-Stevenson, W. and Karl, M. (2008) Activation of the Estrogen Receptor Contributes to the Progression of Pulmonary Lymphangiogenesis via Matrix Metalloproteinase-Induced Cell Invasiveness. <i>J. Clin. Endocrinol. Metab.</i>
LbetaT2	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
IdIA-7	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
IdIA-7	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
IdIA-7	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
Lec-1	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.
Lec-1	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.
LEC-1	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 Abruption Region. <i>J. Biol. Chem.</i> 278: 7775 - 7782.
Lec-1	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.
Lec1-CHO	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.
LLC-PK1	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.
LN12	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

Cell Line	Cell Type	Source	Genlantis Reagent	Citation
LN229	Glioblastoma	Human	GenePORTER Transfection Reagent	Song, S.W., Fuller, G.N., Zheng, H. and Zhang, W. (2005) Inactivation of the Invasion Inhibitory Gene <i>Irp45</i> by Alternative Splicing in Gliomas. <i>Cancer Res.</i>
LN-229	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>Irp45</i> , an insulin-like growth factor binding protein 2 (IGFBP-2) binding protein, antagonizes IGFBP-2 stimulation of glioma
LN-2308	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.
LNCaP	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 -
LNCaP	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
LNCaP	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
LβT2	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.</i>
LTK- (serum free)	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.
M6-11	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.
M6-11	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-
McA RH7777	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.
MCF-10A	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.
MCF-10F	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.</i>
MCF-7	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.</i>
MCF-7	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.
MCF-7	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.
MCF-7	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.
MCF-7	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.
MCF-7	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.
MCF-7	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.
MCF-7	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.
MCF-7	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>
MDA-MB-231	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.
MDA-MB-231	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) Tid1 Negatively Regulates the Migratory Potential of Cancer Cells by Inhibiting the Production of Interleukin-8. <i>Cancer Res.</i> 65 (19):
MDA-MB-231	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.
MDA-MB-231	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 Line	Cell Type	Source	Genlantis Reagent	Citation
MDA-MB-231	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.
MDA-MB-436	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.
MDA-MB-468	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.
MDBK	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.</i>
MDCK	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.</i>
MDCK	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
MDCK	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.
MDCK	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.
MDCK	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.
MDCK	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-j) endogenously expressed in cervical cancer cells antagonizes the full-length P2X7 receptor through hetero-oligomerization.
MEF	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
MEF	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 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-
MEF	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.
MEF	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.
MEF	Embryonic Fibroblast	Mouse	GenePORTER Transfection Reagent	La, P., Schnepp, 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.
MEF	Embryonic Fibroblast	Mouse	GenePORTER Transfection Reagent	Gibson, E.M., Henson, E.S., Onio, J., and Gibson, S.B. (2002) MEK kinase 1 (MEK1) induces mitochondrial permeability transition leading to apoptosis independent of cytochrome c release. <i>J. Biol. Chem.</i> 277: 10573-10580.
MEF	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.</i>
MEF	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 HMBG1 from the nucleus. <i>J. Biol. Chem.</i> 282(24): p. 17845-17854.
MEF	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.
MEF	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.
MEF-3T3	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
MES-SA/Dx-5	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:
MG-63	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 -
MN-1	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>
MTLy	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
MYCN	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-
N1E-115	Neuroblastoma	Mouse	GenePORTER Transfection Reagent	Feng, Y-H, Sun, Y. and Douglas, J.G. (2002) G β ?-independent constitutive association of G β 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 -

Cell Line	Cell Type	Source	Genlantis Reagent	Citation
NC-37	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.</i>
NCI-H23	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.
NCI-H460 / NCI-H520	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.
NIH-3T3	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.
NIH-3T3	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</i>
NIH-3T3	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.
NIH-3T3	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
NIH-3T3	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.
NIH-3T3	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.
NIH-3T3	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
NIH-3T3	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.
NIH-3T3	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.
NIH-3T3	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>
NIH-3T3	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
NIH-3T3	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
NIH-3T3	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:
NIH-3T3	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
NIH-3T3	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>
NIH-3T3	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.
NIH-3T3	Fibroblast	Mouse	GenePORTER Transfection Reagent	Geiszt, M., Lekstrom, K., Witta, 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.
NIH-3T3	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.
NIH-3T3	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 -
NIH-3T3	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
NIH-3T3	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.</i>
NIP	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.
NMuMG	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.</i>
Ntera2/D1	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-
OK	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 ⁺ -K ⁺ -ATPase Requires ERK-dependent Translocation of Protein Kinase C{alpha}. <i>J. Biol. Chem.</i> 280(10): p.

Cell Line	Cell Type	Source	Genlantis Reagent	Citation
OK	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 ⁺ ,K ⁺ -ATPase Requires the PDZ 1 Domain of Sodium Hydrogen Exchanger Regulatory Factor-1 in Opossum Kidney Cells. <i>J. Am. Physiol. Cell Physiol.</i> 289:C1155-C1162.
OVCAR5	Ovarian Carcinoma	Human	GenePORTER Transfection Reagent	Pan, Z-Z, Bruening, W., Giasson, B.I., Lee, V.M.Y. and Godwin, A.K. (2002) ?-Synuclein promotes cancer cell survival and inhibits stress- and chemotherapeutic drug-induced apoptosis by modulating MAPK pathways. <i>J. Biol. Chem.</i> 277:10455-10461.
P19	Pluripotent embryonic carcinoma	Mouse	GenePORTER 2 Transfection Reagent	Jin, W., Bruno, I.G., Xie, T-X, Sanger, L.J. and Cote, G.J. (2003) Poly(pyrimidine) Tract-Binding Protein Down-Regulates Fibroblast Growth Factor Receptor 1 -Exon Inclusion. <i>Cancer Res.</i> 63: 6154 - 6157.
P388D1	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.
P-815	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 β II in activation of mast cells by monomeric IgE. <i>J. Biol. Chem.</i> 280: 38976 - 38981.
PBMC	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>Gene Ther.</i> 8: 103-110.
PC-12	Pheochromocytoma	Rat	GenePORTER 2 Transfection Reagent	Taupenot, L., Harper, K.L. and O'Connor, D.T. (2005) Role of H ⁺ -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: 10455-10461.
PC-12	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: 103-110.
PC-12	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.
PC-12	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 Ubiquitin-containing Protein 97 Phosphorylation Regulates Its Association with Ubiquitinated Proteins. <i>J. Biol. Chem.</i> 280: 10455-10461.
PC-12	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 C. <i>J. Biol. Chem.</i> 280: 10455-10461.
PC-12	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> 280: 10455-10461.
PC-12	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>J. Biol. Chem.</i> 277: 10455-10461.
PC-12	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.
PC-12	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 J.</i> 20: 2424-2434.
PC-12	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: 103-110.
PC-12	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: 15637-15643.
PC-12	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: 103-110.
PC-12	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.
PC-12	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.
PC-12	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 the sympathetic nervous system: Identification of a granulogenic determinant in the sympathetic nervous system. <i>J. Biol. Chem.</i> 281: 103-110.
PC-12	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): 103-110.
PC-12	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 ²⁺ -channel and neurite outgrowth. <i>J. Biol. Chem.</i> 282: 103-110.
PC-12	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 vesicles. <i>J. Biol. Chem.</i> 282: 103-110.
PC-12	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 α -Helical Domains. <i>J. Biol. Chem.</i> 283: 103-110.

Cell Line	Cell Type	Source	Genlantis Reagent	Citation
PC-12	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
PC-12	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., Elkahloun, A.G., Fournier, A., Vieau, D., Vaudry, H. and Anouar, Y. (2008) Selenoprotein T is a PACAP-regulated gene involved in intracellular Ca ²⁺ mobilization and
PC-12	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. J Biol Chem Papers in Press
PC-3	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 J. Biol. Chem. 279(40): p. 42192-42201.
PC-3	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. Cancer
PC-3	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-B activity. J. Biol. Chem
PC-3	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
PC-3	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
PC-3	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
PC-3	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 <i>in vivo</i> in PC3 prostate tumor xenografts in the
PC-3	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 β-D-galactopyranoside <i>in vivo</i> in PC3 prostate tumor xenografts in the mouse.
PC-3	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. Cancer Res
PG13	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. J. Immunol
PG-13	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
PG-13	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
Phi-NX	Embryonic Kidney	Human	GenePORTER 2 Transfection Reagent	Cao, Q., Xu, X-M, DeVries, W.H., Enzmann, G.U., Ping, P., Tsoufias, 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. J. Neurosci. 25(30): p. 6947-6957.
Phoenix Eco	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
PLC	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. Mol.
Primary	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. Diabetes, 54(6):
Primary	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. J. Biol. Chem. 279: 8792 - 8801.
Primary	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. Am. J. Respir. Cell Mol. Biol. 31(4): p.
Primary	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. J. Biol. Chem. 279:
Primary	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. Mol.
Primary	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. Mol.
Primary	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 J. Virol. 76: 1569.
Primary	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-oi Acid and Prostaglandin 15-Deoxy-(12,14) J2: A Role for Smad Signaling. Mol.

Cell Line	Cell Type	Source	Genlantis Reagent	Citation
Primary	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.
Primary	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.
Primary	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.
Primary	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.
Primary	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.
Primary	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.
Primary	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
Primary	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.
Primary	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
Primary	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.
Primary	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.
Primary	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.
Primary	Macrophages	Mouse	GenePORTER Transfection Reagent	Hoebe, K., Du, X., George, P., Janssen, E., Tabeta, 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
Primary	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
Primary	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.
Primary	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
Primary	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.</i>
Primary	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
Primary	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.
Primary	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.
Primary	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 -
Primary	Embryo	Zebrafish	GenePORTER Transfection Reagent	Sussman, R. (2001) Direct DNA Delivery into Zebrafish Embryos Employing Tissue Culture Techniques. <i>Genesis</i> 31: 1-5.
Primary	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
Primary	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-dioxooleana-1,9-dien-28-ol Acid and Prostaglandin 15-Deoxy-(12,14) J2: A Role for Smad Signaling. <i>Mol.</i>
Primary	Dendritic Cells	Mouse	GenePORTER Transfection Reagent	Hill, J.A., Ichim, T.E., Kusznierek, 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:
Primary	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.
Primary	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 Line	Cell Type	Source	Genlantis Reagent	Citation
Primary	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
Primary	Aortic Endothelium	Rat	GenePORTER Transfection Reagent	Humar, R., Kiefer, F., Berns, H., Resink, T., and Battagay, E. (2002) Hypoxia enhances vascular cell proliferation and angiogenesis in vitro via rapamycin (mTOR) -dependent signaling. <i>FASEB J.</i> 16: 771 - 780.
Primary	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.
Primary	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
Primary	Pacreatic 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
Primary	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
Primary	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- ζ 1 and Promoter Elements. <i>Endocrinology</i> 145: 1988 - 1995.
Primary	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</i>
Primary	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 -
Primary	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.
Primary	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>
Primary	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 ²⁺ Entry and Proliferation
Primary	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.</i>
Primary	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 ²⁺ entry. <i>Am J Physiol Lung</i>
Primary	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-
Primary	Endothelial Cells	Mouse	GenePORTER Reagent	Ashton, A.W., Mukherjee, S., Nagajyothi, 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
Primary	Pulmonary Artery Smooth Muscle	Human	GenePORTER Reagent	Murray, F., Patel, H.H., Suda, R.Y.S., Zhang, S., Thistlethwaite, 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>
Primary	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>
Primary	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</i>
Primary	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.
Primary	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 ²⁺ -entry channel essential for Ca ²⁺ induced differentiation of human keratinocytes. <i>J. Biol. Chem.</i> 282: 22582 ζ
Primary	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.
Primary	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
Primary	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 Line	Cell Type	Source	Genlantis Reagent	Citation
Primary	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):
Primary	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</i>
Primary Cell Line	Airway Epithelial Cells	Human	GenePORTER Reagent	James, M.A., Lee, J.H. and Klingelutz, A.J. (2006) Human Papillomavirus Type 16 E6 Activates NF- κ B, Induces cIAP-2 Expression, and Protects against Apoptosis in a PDZ Binding Motif-Dependent Manner. <i>J. Virol</i> , 5301-5307.
PT 67	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
PtK2	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.</i>
Rat-1	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
Rat-1	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.
RAW 264.7	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.
RAW 264.7	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- κ B signal
RAW 264.7	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 -
RAW 264.7	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.
RAW 264.7	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-
RAW 264.7	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- κ B Kinase, and NF- κ B. <i>J Immunol</i> 177(1): 681.
RAW 264.7	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):
RAW 264.7	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.
RAW 264.7	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 α contributes to innate immune
RAW264.7	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.
RAW264.7	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.
RAW264.7	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- κ B Rescues Mice from Lipopolysaccharide-Induced Septic Shock. <i>Mol. Pharmacol.</i> , 64: 1521 - 1529.
RAW264.7	Macrophage	Mouse	GenePORTER Transfection Reagent	Binder, R.J. and Srivastava, P.K. (2004) Essential role of CD91 in representation of gp96-chaperoned peptides. <i>Proc. Natl. Acad. Sci.</i> 101: 6128 -
RBL-2H3	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.
RBL-2H3	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.
RBL-2H3	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.</i>
RBL-2H3	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.
RD	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-
RD-4	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

Cell Line	Cell Type	Source	Genlantis Reagent	Citation
REK	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.
RINm5F cells	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.
RKO	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.
S2	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
Saos-2	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 -
Saos-2	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-1 α C-Terminal Activation Domain. Mol. Cell. Biol.
SCC	Squamous Cell Carcinoma	Human	GenePORTER Transfection Reagent	Bernardi, R.J., Trump, D.L., Yu, W-D., McGuire, T.F., Hershberger, P.A., and Johnson, C.S. (2001) Combination of 1,25-Dihydroxyvitamin D3 with Dexamethasone Enhances Cell Cycle Arrest and Apoptosis: Role of Nuclear
SH-SY5Y	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.
SH-SY5Y	Neuroblastoma	Human	GenePORTER 2 Transfection Reagent	Neumar, R.W., Xu, Y.A., Gada, H., Guttman, R.P. and Siman, R. (2003) Cross-talk between Calpain and Caspase Proteolytic Systems During Neuronal Apoptosis. J. Biol. Chem. 278: 14162 - 14167.
SH-SY5Y	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.
SiHa	Cervical Squamous Carcinoma	Human	GenePORTER 2 Transfection Reagent	Arany, I., Whitehead, W.E., Grattendick, K.J., Ember, I.A., and Tyring, S.K. (2002) Suppression of Growth by All-trans Retinoic Acid Requires Prolonged Induction of Interferon Regulatory Factor 1 in Cervical Squamous Carcinoma
SK-BR-3	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.
SK-BR-3	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.
SK-BR-3	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.
SK-BR-3	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.
SK-N-SH	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:
SK-OV-3	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') ₂ HER2xCD3. Cancer Res. 62:
SNB19	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.
SNB19	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.
SNB-19	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. <i>doi</i>
Src++	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-
ST-2	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 -
SU.86.86	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:
SW 620	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.
SW13	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.
SW13	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.
SW13	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.
SW1353	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.

Cell Line	Cell Type	Source	Genlantis Reagent	Citation
SW1353	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-oid Acid and Prostaglandin 15-Deoxy- (12,14) J2: A Role for Smad Signaling. <i>Mol.</i>
SW1353	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
SW-1353	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.</i>
SYF	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-
T47D	Mammary Epithelium	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.
T84	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</i>
T84	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.
T98G	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.
TFK1	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
THP-1	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. & Biophys. Res. Comm.</i> 334
TKPTS	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.
TKPTS	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.
T-REx-293	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>
TsA201	Embryonic Kidney	Human	GenePORTER Transfection Reagent	Hockerman, G.H., Dimac, N., Scheuer, T., Catterall, W.A. (2000) Molecular Determinants of Diltiazem Block in Domains IIIIS6 and IVS6 of L-type Ca2+
U251	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>
U251	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.
U2OS	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.</i>
U937	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</i>
U937	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.
U937	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.</i>
Unknown	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-oid Acid and Prostaglandin 15-Deoxy-(12,14) J2: A Role for Smad Signaling. <i>Mol.</i>
V-C8	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 (XRCC11) Deficiency Results in Radioresistant DNA Synthesis and a Higher Frequency of Spontaneous Deletions <i>Mol. Cell.</i>
Vero	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.
VG-1	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
Weri-RB1	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 □
Weri-RB1	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.</i>

Cell Line	Cell Type	Source	Genlantis Reagent	Citation
Weri-RB1	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.
XS106	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.
ZR-75-1	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.
ZR-75-1	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.
ZR-75-1	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.
ΦNX	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