

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
2CSFMEo	*in vitro*	DNA	SmartPEI	*10 <sup>7</sup> RLU/mg protein*	Standard protocol
3LL	*in vitro*	DNA	SmartPEI	*50% transfection efficiency*	Standard protocol
56FHTE8o	*in vitro*	DNA	SmartPEI	*4x10 <sup>5</sup> RLU/mg protein*	Standard protocol
6CSFMEo	*in vitro*	DNA	SmartPEI	*10 <sup>9</sup> RLU/mg protein*	Standard protocol
9HTEo-	*in vitro*	DNA	SmartPEI	*2x10 <sup>8</sup> RLU/mg protein*	Standard protocol
AsPC-1	*in vitro*	DNA	SmartPEI	*10 <sup>10</sup> RLU/mg protein*	Standard protocol
B16-F10	*in vitro*	DNA	SmartPEI	*10 <sup>9</sup> - 10 <sup>10</sup> RLU/mg protein*	Standard protocol
BAEC	*in vitro*	DNA	SmartPEI	*50% transfection efficiency*	Standard protocol
BBMC	*in vitro*	DNA	SmartPEI	*10 <sup>6</sup> RLU/mg protein*	Standard protocol
Bovine aorta endothelial cells	*in vitro*	DNA	SmartPEI	*50% transfection efficiency*	Standard protocol
BxPC-3	*in vitro*	DNA	SmartPEI	*8 x 10 <sup>6</sup> RLU/mg protein*	Standard protocol
C2C12	*in vitro*	DNA	SmartPEI	*10 <sup>6</sup> RLU/mg protein*	Standard protocol
Ca Ski	*in vitro*	DNA	SmartPEI	* 80% transfection efficiency*	Protocol available
Ca Ski	*in vitro*	DNA	SmartPEI	*10 <sup>10</sup> RLU/mg protein*	Protocol available
Caco-2	*in vitro*	DNA	SmartPEI	*30% transfection efficiency*	Protocol available
Caco-2	*in vitro*	DNA	SmartPEI	*10 <sup>9</sup> - 10 <sup>10</sup> RLU/mg protein*	Protocol available
CFNPE90- CF	*in vitro*	DNA	SmartPEI	*2 x 10 <sup>8</sup> RLU/mg protein*	Standard protocol
CFPEo	*in vitro*	DNA	SmartPEI	*10 <sup>9</sup> RLU/mg protein*	Standard protocol
CFSMEo	*in vitro*	DNA	SmartPEI	*2 x 10 <sup>6</sup> RLU/mg protein*	Standard protocol
CHO	*in vitro*	DNA	SmartPEI	*10 <sup>8</sup> - 5 x 10 <sup>9</sup> RLU/mg protein*	Protocol available
CHO-K1	*in vitro*	DNA	SmartPEI	*70% transfection efficiency*	Protocol available
CV-1	*in vitro*	DNA	SmartPEI	*50% transfection efficiency*	Protocol available
CV-1	*in vitro*	DNA	SmartPEI	*10 <sup>10</sup> RLU/mg protein*	Protocol available
D 407	*in vitro*	DNA	SmartPEI	*60% transfection efficiency*	Standard protocol
Daudi	*in vitro*	DNA	SmartPEI	*10 <sup>5</sup> RLU/mg protein*	Protocol available
DHD Pro.b	*in vitro*	DNA	SmartPEI	*50% transfection efficiency*	Standard protocol
DHD Pro.b	*in vitro*	DNA	SmartPEI	*4 x 10 <sup>9</sup> RLU/mg protein*	Standard protocol
GL2.61	*in vitro*	DNA	SmartPEI	*Good transfection efficiency*	Standard protocol
HCS-2/8	*in vitro*	DNA	SmartPEI	*40% transfection efficiency*	Standard protocol
HD11	*in vitro*	DNA	SmartPEI		Protocol available
Human primary fibroblasts	*in vitro*	DNA	SmartPEI	* 20-30 % transfection efficiency*	Protocol available
Human primary skin fibroblasts	*in vitro*	DNA	SmartPEI	*10 <sup>8</sup> RLU/mg protein*	Standard protocol
IGROV1	*in vitro*	DNA	SmartPEI	*20% transfection efficiency*	Standard protocol
IGROV1	*in vitro*	DNA	SmartPEI	*10 <sup>8</sup> - 10 <sup>9</sup> RLU/mg protein*	Standard protocol

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Jurkat	*in vitro*	DNA	SmartPEI	*10 <sup>7</sup> - 10 <sup>8</sup> RLU/mg protein*	Protocol available
Jurkat	*in vitro*	DNA	SmartPEI	*5 - 15% transfection efficiency*	Protocol available
K-562	*in vitro*	DNA	SmartPEI	*20% transfection efficiency*	Protocol available
K-562	*in vitro*	DNA	SmartPEI	*10 <sup>8</sup> RLU/mg protein*	Protocol available
Human primary keratinocytes	*in vitro*	DNA	SmartPEI	* 20 - 30% transfection efficiency*	Standard protocol
Human primary keratinocytes	*in vitro*	DNA	SmartPEI	*10 <sup>9</sup> RLU/mg protein*	Standard protocol
L-929	*in vitro*	DNA	SmartPEI	* 50% transfection efficiency*	Standard protocol
MCF7	*in vitro*	DNA	SmartPEI	*10 <sup>10</sup> RLU/mg protein*	Protocol available
MDA-MB-435S	*in vitro*	DNA	SmartPEI	*10 <sup>6</sup> RLU/mg protein*	Standard protocol
MIA PaCa-2	*in vitro*	DNA	SmartPEI	*10 <sup>8</sup> RLU/mg protein*	Standard protocol
MLE 12	*in vitro*	DNA	SmartPEI	*10 <sup>9</sup> RLU/mg protein*	Standard protocol
MLE 15	*in vitro*	DNA	SmartPEI	*10 <sup>9</sup> RLU/mg protein*	Standard protocol
Molt-4	*in vitro*	DNA	SmartPEI	*5 x 10 <sup>6</sup> RLU/mg protein*	Protocol available
M-PAC	*in vitro*	DNA	SmartPEI	*50 - 60% transfection efficiency*	Standard protocol
MRC-5	*in vitro*	DNA	SmartPEI	*8 x 10 <sup>9</sup> RLU/mg protein*	Protocol available
Chick primary embryonic neurons	*in vitro*	DNA	SmartPEI	*5 x 10 <sup>5</sup> RLU/mg protein*	Standard protocol
Rat primary cortical neurons	*in vitro*	DNA	SmartPEI	*20 - 30% transfection efficiency*	Protocol available
Rat primary hippocampal neurons	*in vitro*	DNA	SmartPEI	*20% transfection efficiency*	Protocol available
P19	*in vitro*	DNA	SmartPEI	*Good transfection with low toxicity*	Standard protocol
PAEC	*in vitro*	DNA	SmartPEI	*Good Transfection efficiency*	Standard protocol
PANC-1	*in vitro*	DNA	SmartPEI	*10 <sup>9</sup> RLU/mg protein*	Standard protocol
PC-12	*in vitro*	DNA	SmartPEI	* 30 - 40% transfection efficiency*	Standard protocol
PGHAM-1	*in vitro*	DNA	SmartPEI	*10 <sup>10</sup> RLU/mg protein*	Standard protocol
-	*in vitro*	DNA	SmartPEI	*Good Transfection efficiency*	Standard protocol
Adipocyte-like cells, Human prim	*in vitro*	DNA	SmartPEI	* 20 - 30% transfection efficiency*	Standard protocol
Rat brain endothelial cells	*in vitro*	DNA	SmartPEI	*90% transfection efficiency*	Standard protocol
RBE	*in vitro*	DNA	SmartPEI	*90% transfection efficiency*	Standard protocol
Saos-2	*in vitro*	DNA	SmartPEI	*50% transfection efficiency*	Standard protocol
SCC-4	*in vitro*	DNA	SmartPEI	*80% transfection efficiency*	Standard protocol
SHEP	*in vitro*	DNA	SmartPEI	*4 x 10 <sup>9</sup> RLU/mg protein*	Standard protocol
SHEP	*in vitro*	DNA	SmartPEI	*70% transfection efficiency*	Protocol available
SiHa	*in vitro*	DNA	SmartPEI	*10 <sup>10</sup> - 10 <sup>11</sup> RLU/mg protein*	Protocol available
SiHa	*in vitro*	DNA	SmartPEI	* 60% transfection efficiency*	Protocol available
SK-N-MC	*in vitro*	DNA	SmartPEI	*20% transfection efficiency*	Standard protocol
SK-OV-3	*in vitro*	DNA	SmartPEI	*5 x 10 <sup>10</sup> RLU/mg protein*	Protocol available
Human umbilical artery smooth m	*in vitro*	DNA	SmartPEI	*40% transfection efficiency*	Standard protocol
Mouse smooth muscle cells	*in vitro*	DNA	SmartPEI	*50 -70% transfection efficiency*	Standard protocol
SW1736	*in vitro*	DNA	SmartPEI	*50% transfection efficiency*	Protocol available

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TM4	*in vitro*	DNA	SmartPEI	*20 - 30 % transfection efficiency*	Standard protocol
U-373 MG	*in vitro*	DNA	SmartPEI	*60-80 % transfection efficiency*	Standard protocol
U-937	*in vitro*	DNA	SmartPEI	*50 - 60% transfection efficiency*	Protocol available
NBT-II, RT-112	*in vitro*	DNA	SmartPEI		Specific study protocol
HCT 116	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
3T3-L1, HEK-293T	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
HEK-293, HeLa	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
MRC-5	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
3T3-L1, HEK-293	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
HEK-293, HeLa	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
HCT 116, SW480	*in vitro*	mimic miRNA, mimic miRNA and DNA cotrans	Other agent, SmartPEI		Specific study protocol
HEK-293T, Mouse peritoneal mac	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
HEK-293T, HeLa	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
Human SV-40 immortalized fibro	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
U-2 OS	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
COLO 205, HCT 116, LoVo, SW4	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
A549, HEK-293T	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
A549	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
HEK-293T, HeLa	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
A431, Caco-2	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
Saos-2, U-2 OS	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
GC.92	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
HEK-293T, RAW 264.7	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
BG1, HeLa	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
CAL-27, SCC-4	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
HEK-293, RAW 264.7	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
DLD-1, HEK-293T	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
Human primary airway epithelial c	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
HCT 116, HEK-293	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
HeLa, PtK2	*in vitro*	DNA, siRNA	SmartPEI, Other agents		Specific study protocol
BJ, U-2 OS	*in vitro*	DNA, siRNA	SmartPEI, Other agents		Specific study protocol
Jurkat	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
H1299, HCT 116, MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO, HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
Porcine ear skin fibroblasts	*in vitro*	DNA	SmartPEI		Specific study protocol

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BAEC	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, SK-N-MC	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
HCT 116	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12	*in vitro*	DNA	SmartPEI		Specific study protocol
BT-20, BT-474, CAMA-1, MCF7, M	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3, REF 52.2	*in vitro*	DNA	SmartPEI		Specific study protocol
H1299	*in vitro*	DNA	SmartPEI		Specific study protocol
BxPC-3, COLO-357	*in vitro*	siRNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
H1299, HEK-293T, MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-1	*in vitro*	DNA	SmartPEI		Specific study protocol
A31N-ts20	*in vitro*	DNA	SmartPEI		Specific study protocol
H1299, U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa, MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, Hep-2	*in vitro*	DNA	SmartPEI		Specific study protocol
H1299, HT1299	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF, MRC-5	*in vitro*	DNA	SmartPEI		Specific study protocol
H1299	*in vitro*	DNA	SmartPEI		Specific study protocol
HCT 116, MCF7, MEF, U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HaCaT	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
MIN6	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
A2780	*in vitro*	DNA	SmartPEI		Specific study protocol
10T1/2, C3H/10T1/2	*in vitro*	DNA	SmartPEI		Specific study protocol
10T1/2, C3H/10T1/2	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa, MCF7	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol

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HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO, MRC-5	*in vitro*	DNA	SmartPEI		Specific study protocol
H1299, HCT 116, HEK-293T, PT6	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa, SW480	*in vitro*	DNA	SmartPEI		Specific study protocol
HT-29, SW480	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
A31N-ts20, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
MRC-5	*in vitro*	Dbait	SmartPEI		Specific study protocol
CHO, HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO, HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
sHPT-1	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol
sHPT-1	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol
HeLa, MCF7, T-47D	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-1	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
A549, H1299	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa, WI-38	*in vitro*	DNA, shRNA plasmid	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
U-87 MG	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO, COS-7, N2A	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12, CHO, E14-2, HeLa, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
REF 52.2, REF52.2	*in vitro*	DNA	SmartPEI		Specific study protocol
A549, MDCK	*in vitro*	DNA	SmartPEI		Specific study protocol
CMT 93	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HuH-7	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
Mouse tail fibroblasts, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, IMIM-PC2	*in vitro*	DNA	SmartPEI		Specific study protocol
SK-OV-3	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7, PC-3	*in vitro*	DNA	SmartPEI		Specific study protocol
H358, H538	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, N2A	*in vitro*	DNA	SmartPEI		Specific study protocol

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Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HCT 116, Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO-DRA10	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO-DRA10	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-1, GC-1 spg	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
CL1-0, H1299, HEK-293, HeLa, H	*in vitro*	DNA	SmartPEI		Specific study protocol
MDA-MB-435	*in vitro*	DNA	SmartPEI		Specific study protocol
C33A, COS-7, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, HEK-293/TsA-201, TsA	*in vitro*	DNA	SmartPEI		Specific study protocol
Rat primary hepatocytes	*in vitro*	DNA	SmartPEI		Specific study protocol
3T3-L1	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, QBC-939, RBE	*in vitro*	DNA	SmartPEI		Specific study protocol
A549	*in vitro*	DNA	SmartPEI		Specific study protocol
Rat aorta smooth muscle cells	*in vitro*	DNA	SmartPEI		Specific study protocol
Human primary blood monocytes	*in vitro*	siRNA	SmartPEI		Specific study protocol
HEK-293T, MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, JB6	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12, HEK-293, MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
HT22	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12, SW-13	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA, mimic miRNA	SmartPEI		Specific study protocol
HEK-293, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
Saos-2	*in vitro*	DNA	SmartPEI		Specific study protocol
BHK-21	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293E	*in vitro*	DNA	SmartPEI		Specific study protocol
HL-1, Mouse neonatal cardiomyo	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol

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HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa, Hep-2	*in vitro*	DNA	SmartPEI		Specific study protocol
U-937	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa, MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
RAW 264.7	*in vitro*	DNA	SmartPEI		Specific study protocol
H295R	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
BAEC	*in vitro*	DNA	SmartPEI		Specific study protocol
IMR-32, Kelly	*in vitro*	DNA	SmartPEI		Specific study protocol
MMDD1	*in vitro*	oligonucleotide	SmartPEI		Specific study protocol
HEK-293, RAW 264.7	*in vitro*	shRNA plasmid	SmartPEI		Specific study protocol
A431, BS-C-1, HeLa, Hep G2, HT	*in vitro*	DNA	SmartPEI		Specific study protocol
HT-29	*in vitro*	DNA	SmartPEI		Specific study protocol
HaCaT	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO, HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
RG37	*in vitro*	DNA	SmartPEI		Specific study protocol
Rat primary hepatocytes	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO-K1, COS-7, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
CAL-51, MCF7	*in vitro*	miRNA plasmid	SmartPEI		Specific study protocol
Human monocyte-derived macrophage	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7, MDA-MB-231	*in vitro*	-	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
MDCK	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, TSU-pr1	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-1	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, HeLa, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
MLE 12	*in vitro*	DNA	SmartPEI		Specific study protocol
FRhK-4, MRC-5	*in vitro*	DNA	SmartPEI		Specific study protocol
SW480	*in vitro*	DNA	SmartPEI		Specific study protocol



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BHK-21, Ltk-	*in vitro*	DNA	SmartPEI		Specific study protocol
MG-63	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
Mouse primary hepatocytes	*in vitro*	DNA	SmartPEI		Specific study protocol
HUVEC	*in vitro*	DNA	SmartPEI		Specific study protocol
HUVEC	*in vitro*	oligonucleotide	SmartPEI		Specific study protocol
HEK-293E	*in vitro*	DNA	SmartPEI		Specific study protocol
S2	*in vitro*	DNA	SmartPEI		Specific study protocol
HCT 116	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
A7r5	*in vitro*	DNA	SmartPEI		Specific study protocol
L-363, U266	*in vitro*	DNA	SmartPEI		Specific study protocol
H295R	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO-K1	*in vitro*	DNA	SmartPEI		Specific study protocol
Jurkat, U-937	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
Rat aorta smooth muscle cells	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
Bovine primary chondrocytes, Por	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, SEND	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO-DRA10, CHO-K1	*in vitro*	DNA	SmartPEI		Specific study protocol
XR-1	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7, MDA-MB-435	*in vitro*	DNA	SmartPEI		Specific study protocol
BiFC, CHO-K1, COS-7, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HBE, HT-29	*in vitro*	DNA	SmartPEI		Specific study protocol
MDCK	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
LNCaP	*in vitro*	oligonucleotide	SmartPEI		Specific study protocol
HIT, PC-12	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol



Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
KB	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
NG4TL4	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
A549	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
Bel-7402, Hep G2, Hep-3B, HuH-	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
3T3-L1, COS-7, HEK-293, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep-3B	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-1, LNCaP	*in vitro*	DNA	SmartPEI		Specific study protocol
Human primary gingival fibroblast	*in vitro*	DNA	SmartPEI		Specific study protocol
WI 26, WI26	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
MDCK	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
Human monocyte-derived macrophage	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
IMIM-PC2	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO, HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, N2A	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
Porcine aortic endothelial cells	*in vitro*	DNA	SmartPEI		Specific study protocol
LNCaP	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF 10A	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7, NIH-3T3	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, Mv 1 Lu	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
CHP134	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
LM8	*in vitro*	DNA	SmartPEI		Specific study protocol
Mouse primary VSMCs	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep G2, HIT-T15	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HINAE	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
H1299, HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
Phoenix	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF90	*in vitro*	DNA	SmartPEI		Specific study protocol
ST14A	*in vitro*	DNA	SmartPEI		Specific study protocol
HL60	*in vitro*	siRNA	SmartPEI		Specific study protocol
HEK-293T, NS20Y	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
MG-63	*in vitro*	DNA	SmartPEI		Specific study protocol
MC3T3-E1	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
SW480	*in vitro*	DNA	SmartPEI		Specific study protocol
N2A	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
THP-1	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
A549, HCT 116, Hep G2, MCF7, I	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol
Human dermal fibroblasts	*in vitro*	DNA	SmartPEI		Specific study protocol
HT-29	*in vitro*	DNA	SmartPEI		Specific study protocol
HD11, HD37	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HaCaT	*in vitro*	DNA	SmartPEI		Specific study protocol
Human glial cells	*in vitro*	DNA	SmartPEI		Specific study protocol
Rat mesenchymal stem cells	*in vitro*	DNA	SmartPEI		Specific study protocol
A549	*in vitro*	DNA	SmartPEI		Specific study protocol
A549	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
A549, H322	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
LNCaP, T-47D	*in vitro*	DNA	SmartPEI		Specific study protocol
A549, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, L-929	*in vitro*	DNA	SmartPEI		Specific study protocol
LoVo	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-1, COS-7, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
ARO, Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
Rat mesenchymal stem cells	*in vitro*	gadolinium DTPA	SmartPEI		Specific study protocol
RAW 264.7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
Shrimp eggs	*in vitro*	DNA	SmartPEI		Specific study protocol
HCT 116, Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
Mouse primary osteoblasts	*in vitro*	DNA	SmartPEI		Specific study protocol
BHK-21	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO, IMR-32	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
CHO-K1, COS-7, HER, NIH-3T3,	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
C6, HeLa, Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
C6, HeLa, Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
MDA-MB-231	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	mimic miRNA and DNA cotransfection	SmartPEI		Specific study protocol
T24	*in vitro*	oligonucleotide	SmartPEI		Specific study protocol
COS-1, HEK-293, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HLMEC	*in vitro*	DNA	SmartPEI		Specific study protocol
COS	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
H1299, HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
BLM	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
Epithelioma papulosum cyprini	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12, HEK-293T, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
JEG-3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
glEND.2	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
BCBL-1, COS-7, HeLa, MCF7, MI	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa, U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep-3B	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa, Jurkat	*in vitro*	DNA	SmartPEI		Specific study protocol
KB	*in vitro*	oligonucleotide	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, HeLa, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
IMRS, MEL-Juso	*in vitro*	DNA	SmartPEI		Specific study protocol
IMRS	*in vitro*	DNA	SmartPEI		Specific study protocol
BHK-21	*in vitro*	DNA	SmartPEI		Specific study protocol
A549, HeLa, Jurkat, Peer	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
H4, MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
HN9.10, SH-SY-5Y	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, JB6, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
Hepa 1-6	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
COSm6	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
S2	*in vitro*	DNA	SmartPEI		Specific study protocol
H9c2	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12, HeLa, Human primary my	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO-K1, GH3	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO-K1	*in vitro*	DNA	SmartPEI		Specific study protocol
A549, Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
C20, S2	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
C57	*in vitro*	DNA	SmartPEI		Specific study protocol
LNCaP	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
WI 26, WI26	*in vitro*	DNA	SmartPEI		Specific study protocol
CS8PV, FB789	*in vitro*	DNA	SmartPEI		Specific study protocol
COSm6, HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
BaF3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO, HeLa, Hep-2, MRC-5	*in vitro*	Dbait	SmartPEI		Specific study protocol
LMH	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, MCF 10A, MDCK	*in vitro*	DNA	SmartPEI		Specific study protocol
HaCaT, HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
A549	*in vitro*	oligonucleotide	SmartPEI		Specific study protocol
CHO-DRA10	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12, NIH-3T3, SW-13	*in vitro*	DNA	SmartPEI		Specific study protocol
BJ, HeLa, SW480	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa, NCCIT, OVCAR-3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	siRNA	SmartPEI		Specific study protocol
APP695, CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
Human mesangial cells	*in vitro*	DNA	SmartPEI		Specific study protocol
Alpha T3-1	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, HeLa, MEF, U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO-K1, HeLa, MCF7, MDA-H27	*in vitro*	DNA	SmartPEI		Specific study protocol
SK-N-MC	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, MEF, TSU-pr1	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
BHK-21, COS-7, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HT-29	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO, HCT 116	*in vitro*	DNA	SmartPEI		Specific study protocol
H1299	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
A125	*in vitro*	DNA	SmartPEI		Specific study protocol
A125, MDA-MB-435S	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
A549, H1299	*in vitro*	DNA	SmartPEI		Specific study protocol
N2A	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	siRNA	SmartPEI		Specific study protocol
Mammospheres, MCF7	*in vitro*	siRNA	SmartPEI		Specific study protocol
BS-C-1, COS-1, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-1, U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
H1299, HEK-293T, MCF7, MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
Sf9	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep-3B	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol
C2C12, HEK-293E	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa, Hep-3B	*in vitro*	DNA	SmartPEI		Specific study protocol
Sea bass neural stem cells	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, HeLa, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, Jurkat	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep G2, HuH-7	*in vitro*	DNA	SmartPEI		Specific study protocol
SMA	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
Jurkat	*in vitro*	DNA	SmartPEI		Specific study protocol
PC-12	*in vitro*	DNA	SmartPEI		Specific study protocol
HaCaT	*in vitro*	DNA, shRNA plasmid	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
S2	*in vitro*	DNA	SmartPEI		Specific study protocol
BT-474, Human dermal fibroblast	*in vitro*	DNA	SmartPEI		Specific study protocol
CRFK	*in vitro*	mRNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-1	*in vitro*	DNA	SmartPEI		Specific study protocol
A-10	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
A-10, HeLa, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
Shrimp eggs	*in vitro*	DNA	SmartPEI		Specific study protocol
Rat primary tenocytes	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-1, HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HCT 116	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep-2	*in vitro*	DNA	SmartPEI		Specific study protocol
43A	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol



Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
A7, C10	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
Caco-2	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
10T1/2, C2C12	*in vitro*	DNA	SmartPEI		Specific study protocol
10T1/2, HCT 116, HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, HEK-293/TsA-201, TsA	*in vitro*	DNA	SmartPEI		Specific study protocol
HaCaT	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
BHK-21, HuH-7, WRL 68	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa, Hep-3B	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12	*in vitro*	DNA	SmartPEI		Specific study protocol
hMSC, Human mesenchymal stem cells	*in vitro*	DNA	SmartPEI		Specific study protocol
Jurkat	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, HeLa, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
CV-1	*in vitro*	DNA	SmartPEI		Specific study protocol
Sol8	*in vitro*	DNA	SmartPEI		Specific study protocol
Sol8	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-1	*in vitro*	DNA	SmartPEI		Specific study protocol
Mouse skin primary keratinocytes	*in vitro*	DNA	SmartPEI		Specific study protocol
MDA-MB-231	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3, U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
BHK-21	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12, NIH-3T3, SW-13	*in vitro*	DNA	SmartPEI		Specific study protocol
C6, HeLa, NIH-3T3, Rat embryon	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
RAW 264.7, U-937	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HCT 116	*in vitro*	DNA	SmartPEI		Specific study protocol
H1299, HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
GC-1 spg	*in vitro*	DNA, shRNA plasmid	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
Rat pancreatic acini	*in vitro*	siRNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
SKBR-3	*in vitro*	DNA	SmartPEI		Specific study protocol
H1299, Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
C33A, HeLa, MCF7, SiHa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, RAW 264.7	*in vitro*	DNA	SmartPEI		Specific study protocol
SW480	*in vitro*	DNA	SmartPEI		Specific study protocol
HUVEC	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, PIEC	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, HNSCC	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-1, HEK-293T, HeLa	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol
DU 145, LNCaP, MCF7, PC-3	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, HeLa, MCF7, MEF90	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF90	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
COSm6	*in vitro*	DNA	SmartPEI		Specific study protocol
BHK-21, U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	mRNA	SmartPEI		Specific study protocol
COS-1	*in vitro*	DNA	SmartPEI		Specific study protocol
HuH-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HCT 116, RKO	*in vitro*	DNA	SmartPEI		Specific study protocol
HT-1080, MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
A375, JB6	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293FT	*in vitro*	DNA	SmartPEI		Specific study protocol
ES-2, GL2.61, Hep-3B, PANC-1,	*in vitro*	DNA	SmartPEI		Specific study protocol
A172, U87	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
COS-7, HEK-293, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol
Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, N2A	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, MCF7, T-47D	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO-K1	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF 10A, MCF7	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
Human aortic smooth muscle cell	*in vitro*	siRNA	SmartPEI		Specific study protocol
Bovine primary foetal testes cells	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, N2A	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO-K1, HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-1	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-1	*in vitro*	DNA	SmartPEI		Specific study protocol
U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
Mouse cerebral vascular endothel	*in vitro*	DNA	SmartPEI		Specific study protocol
LNCaP	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HO-8910	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
E10	*in vitro*	DNA	SmartPEI		Specific study protocol
HuH-7	*in vitro*	DNA	SmartPEI		Specific study protocol
U-373 MG, U-87 MG	*in vitro*	DNA	SmartPEI		Specific study protocol
F98	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HINAE	*in vitro*	DNA	SmartPEI		Specific study protocol
JB6	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, JB6	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF, Mouse primary astrocytes	*in vitro*	DNA	SmartPEI		Specific study protocol
4T1, JB6, MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
HEK-293, MIN6	*in vitro*	DNA, modified mRNA	SmartPEI		Specific study protocol
LNCaP, PC-3	*in vitro*	DNA	SmartPEI		Specific study protocol
LNCaP	*in vitro*	DNA	SmartPEI		Specific study protocol
NRK	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO-S, HEK-293 6E	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, HuH-7	*in vitro*	DNA	SmartPEI		Specific study protocol
Rat medullary thick ascending lim	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO, HEK-293, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa S3	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-1	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep-3B	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol
HuH-7	*in vitro*	DNA	SmartPEI		Specific study protocol
-	*in vitro*	DNA	SmartPEI		Specific study protocol
BHK, Human foreskin fibroblasts	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7, MDA-MB-231, SK-BR-3, T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HuH-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HuH-7	*in vitro*	DNA	SmartPEI		Specific study protocol
Ca Ski, HeLa, SW756	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
HCC4006, HSAEC1-KT, NCI-H17	*in vitro*	DNA	SmartPEI		Specific study protocol
-	*in vitro*	DNA	SmartPEI		Specific study protocol
OLI-Neu	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
-	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
C6	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
HeLa, HuH-7	*in vitro*	DNA	SmartPEI		Specific study protocol
NSC-34	*in vitro*	DNA	SmartPEI		Specific study protocol
B16-F1	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO-K1	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, HeLa, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
MDA-MB-231, NIH-3T3, U-87 MG	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
INS-1E	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO, HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
SAS	*in vitro*	DNA	SmartPEI		Specific study protocol
SAS	*in vitro*	DNA	SmartPEI		Specific study protocol
CL1-5-F4	*in vitro*	DNA	SmartPEI		Specific study protocol
HuH-7	*in vitro*	DNA	SmartPEI		Specific study protocol
Ca Ski	*in vitro*	DNA	SmartPEI		Specific study protocol
CNE-1	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
4T1	*in vitro*	siRNA	SmartPEI		Specific study protocol
COS-7, HeLa, Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	shRNA plasmid	SmartPEI		Specific study protocol
JB6	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
COS, INS-1E, RIN-m5F	*in vitro*	DNA	SmartPEI		Specific study protocol
IMRS, MEL-Juso	*in vitro*	DNA	SmartPEI		Specific study protocol
MDA-MB-231, THP-1	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep G2, HuH-7	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-1	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
COS-1	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-1	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-1	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
BV-2	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, HEK-293T	*in vitro*	shRNA plasmid	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
JB6, MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF 10A	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
HaCaT	*in vitro*	DNA	SmartPEI		Specific study protocol
ARPE-19, COLO 320, HCT 116, I	*in vitro*	siRNA	SmartPEI		Specific study protocol
ARPE-19, COLO 320, HCT 116, I	*in vitro*	siRNA	SmartPEI		Specific study protocol
HT-29	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
MIA PaCa-2	*in vitro*	DNA	SmartPEI		Specific study protocol
SK-HEP-1	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, SK-OV-3	*in vitro*	DNA	SmartPEI		Specific study protocol
A549	*in vitro*	siRNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	modified siRNA, siRNA	SmartPEI		Specific study protocol
JEG-3	*in vitro*	DNA	SmartPEI		Specific study protocol
MDCK, mIMCD-3	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
Human colon epithelial cells, JB6	*in vitro*	DNA	SmartPEI		Specific study protocol
A549	*in vitro*	DNA	SmartPEI		Specific study protocol
LNCaP	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa, HOS, MC3T3-E1, T-47D	*in vitro*	DNA	SmartPEI		Specific study protocol
A7r5, Mouse primary VSMCs	*in vitro*	DNA	SmartPEI		Specific study protocol
BHK, Human foreskin fibroblasts	*in vitro*	DNA	SmartPEI		Specific study protocol
BGC-803	*in vitro*	DNA	SmartPEI		Specific study protocol
BNL 1MEA.7R1	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, PC-3	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
N2A	*in vitro*	DNA	SmartPEI		Specific study protocol
LLC-PK1	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
GC.92, RG37	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293A, HeLa S3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, Rat primary oligodendrocytes	*in vitro*	DNA, shRNA plasmid	SmartPEI		Specific study protocol
TsA-201	*in vitro*	DNA	SmartPEI		Specific study protocol
Lenti-X 293T	*in vitro*	DNA	SmartPEI		Specific study protocol
A375	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
Mouse embryonic immortalized fibroblasts	*in vitro*	DNA	SmartPEI		Specific study protocol
Human aortic smooth muscle cells	*in vitro*	siRNA	SmartPEI		Specific study protocol
CHO-K1	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	DNA, shRNA plasmid	SmartPEI		Specific study protocol
BJ, HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293A	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
HO-8910	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
GH3	*in vitro*	DNA	SmartPEI		Specific study protocol
B16-F0	*in vitro*	DNA	SmartPEI		Specific study protocol
Human melanoma cell line	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa, HuH-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol



Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
Lenti-X 293T	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO-K1	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	modified siRNA, siRNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
PC-12	*in vitro*	DNA	SmartPEI		Specific study protocol
EA.hy926	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
AU565, MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO, HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
GILM2, MDA-MB-231, MDA-MB-4	*in vitro*	DNA	SmartPEI		Specific study protocol
BE(2)-C	*in vitro*	DNA	SmartPEI		Specific study protocol
Rat primary hepatocytes	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
Human ovarian somatic cells, S2	*in vitro*	DNA	SmartPEI		Specific study protocol
S2	*in vitro*	DNA	SmartPEI		Specific study protocol
Porcine trophoblast cells	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, LS174T	*in vitro*	DNA	SmartPEI		Specific study protocol
T98G, U-87 MG	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
MDA-MB-468	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, IMRS	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
H1299	*in vitro*	DNA, LNA	SmartPEI		Specific study protocol
SK-HEP-1	*in vitro*	DNA	SmartPEI		Specific study protocol
DC2.4	*in vitro*	mRNA	SmartPEI		Specific study protocol
Human umbilical arterial endothel	*in vitro*	DNA	SmartPEI		Specific study protocol
CV-1	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
Baby rat kidney, Phoenix	*in vitro*	DNA	SmartPEI		Specific study protocol
RAW 264.7	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
RAW 264.7	*in vitro*	DNA, oligonucleotide	SmartPEI		Specific study protocol
HEK-293, HuH-7	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
TsA-201	*in vitro*	DNA	SmartPEI		Specific study protocol
SK-HEP-1	*in vitro*	DNA	SmartPEI		Specific study protocol
U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
BSR-T7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa, Mouse embryonic endoder	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA, shRNA plasmid	SmartPEI		Specific study protocol
HEK-293T, Murine hepatoma Tac	*in vitro*	DNA	SmartPEI		Specific study protocol
A549	*in vitro*	DNA	SmartPEI		Specific study protocol
Olive flounder sperm	*in vitro*	DNA	SmartPEI		Specific study protocol
Chicken primary embryo-driven m	*in vitro*	DNA	SmartPEI		Specific study protocol
HaCaT, HEK-293FT	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
RAW 264.7	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
CNE-2	*in vitro*	DNA	SmartPEI		Specific study protocol
Rat primary neurons	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
Human lens epithelial cells	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
A549, HCT 116	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HCT 116	*in vitro*	DNA	SmartPEI		Specific study protocol
HCT 116, SW480	*in vitro*	miRNA plasmid	SmartPEI		Specific study protocol
HOG	*in vitro*	shRNA plasmid	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
TsA-201	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep G2, HuH-7	*in vitro*	DNA	SmartPEI		Specific study protocol
Human uterine serous carcinoma	*in vitro*	DNA	SmartPEI		Specific study protocol
alphaTC1, MIN6, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
MIN6	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293A	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, Saos-2, U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
Mero-48a	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
LNCaP, PC-3	*in vitro*	DNA	SmartPEI		Specific study protocol
RCC4	*in vitro*	DNA	SmartPEI		Specific study protocol
C6, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
L-929, Mouse mesangial cells., N	*in vitro*	DNA, shRNA plasmid	SmartPEI		Specific study protocol
COS-7, HeLa, K-562	*in vitro*	DNA	SmartPEI		Specific study protocol
Jurkat	*in vitro*	DNA	SmartPEI		Specific study protocol
A125	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12, HeLa	*in vitro*	shRNA plasmid	SmartPEI		Specific study protocol
CV-1	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7, SW480	*in vitro*	DNA	SmartPEI		Specific study protocol
Murine cerebrovascular endotheli	*in vitro*	DNA	SmartPEI		Specific study protocol
PANC-1	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
Human aortic endothelial cells	*in vitro*	DNA	SmartPEI		Specific study protocol
A549, H1299	*in vitro*	DNA	SmartPEI		Specific study protocol
SK-HEP-1	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, HT1299, MDA-MB-23	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
-	*in vitro*	DNA	SmartPEI		Specific study protocol
H9c2	*in vitro*	DNA	SmartPEI		Specific study protocol
ECC-1	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12, HeLa Kyoto	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
BHK	*in vitro*	DNA	SmartPEI		Specific study protocol
BHK-21, HEK-293T, MEF, Phoen	*in vitro*	DNA, shRNA and DNA cotransfection	SmartPEI		Specific study protocol
F11	*in vitro*	DNA	SmartPEI		Specific study protocol
RKO	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	shRNA and DNA cotransfection	SmartPEI		Specific study protocol
BHK	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, HeLa, MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
H9c2	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293FT	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
L-929	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
Dendritic cells	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
C6, HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
-	*in vitro*	DNA	SmartPEI		Specific study protocol
Human primary fibroblasts, Huma	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
Xenopus fibroblasts	*in vitro*	DNA	SmartPEI		Specific study protocol
A549	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, HEK-293T, SUP-T1	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
A549	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
THP-1	*in vitro*	DNA	SmartPEI		Specific study protocol
Human primary macrophages	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, MCF7	*in vitro*	siRNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, HeLa, Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep G2, HuH-7	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol
HEK-293, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
AsPC-1	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HaCaT	*in vitro*	DNA	SmartPEI		Specific study protocol
TsA-201	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
COS	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
SK-MEL-2	*in vitro*	DNA	SmartPEI		Specific study protocol
A549	*in vitro*	DNA	SmartPEI		Specific study protocol
HC11	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
SF-268	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
HeLa, U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, MDA-MB-231	*in vitro*	siRNA	SmartPEI		Specific study protocol
HCT 116	*in vitro*	shRNA plasmid	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
Murine Clara cells	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
COS	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
NRK-52E	*in vitro*	DNA	SmartPEI		Specific study protocol
-	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
SW-13	*in vitro*	DNA	SmartPEI		Specific study protocol
22Rv1, DU 145, PC-3	*in vitro*	DNA	SmartPEI		Specific study protocol
LS174T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
H1299, M-1	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
Mouse primary VSMCs	*in vitro*	DNA	SmartPEI		Specific study protocol
N2A	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, H9c2, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa, KB	*in vitro*	DNA	SmartPEI		Specific study protocol
Mouse striatal cells	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol
HEK-293FT	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
GH3	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
NCI-H460	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HuH-7.5	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
Y1	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa, Jurkat, SH-SY-5Y	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa, Human SV-40 immortalized	*in vitro*	DNA, shRNA plasmid	SmartPEI		Specific study protocol
BeWo	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
Calu-6	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, HEK-293, HeLa, OK	*in vitro*	DNA	SmartPEI		Specific study protocol
-	*in vitro*	DNA	SmartPEI		Specific study protocol
Human foreskin fibroblasts	*in vitro*	DNA	SmartPEI		Specific study protocol
BHK-21, VERO	*in vitro*	DNA	SmartPEI		Specific study protocol
HuH-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
Murine modified-myoblasts cells	*in vitro*	DNA, shRNA plasmid	SmartPEI		Specific study protocol
MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
A549, HT1299, MCF 10A	*in vitro*	shRNA plasmid	SmartPEI		Specific study protocol
MCF 10A	*in vitro*	DNA	SmartPEI		Specific study protocol
U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12, HeLa Kyoto	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
A549, HCT 116	*in vitro*	DNA	SmartPEI		Specific study protocol
NG108-15	*in vitro*	DNA	SmartPEI		Specific study protocol
BEAS-2B	*in vitro*	DNA	SmartPEI		Specific study protocol
N2A	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol



Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
Rat1	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, RAW 264.7	*in vitro*	DNA	SmartPEI		Specific study protocol
Rat primary cortical astrocytes	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, MDA-MB-231, MDA-M	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
U-937	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
N2A	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
RAW 264.7	*in vitro*	DNA	SmartPEI		Specific study protocol
A549	*in vitro*	shRNA oligonucleotide	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	shRNA plasmid	SmartPEI		Specific study protocol
HCT 116, JB6	*in vitro*	siRNA	SmartPEI		Specific study protocol
RAW 264.7	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
RAW 264.7	*in vitro*	DNA	SmartPEI		Specific study protocol
RAW 264.7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293A	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293FT	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO, CHO-K1	*in vitro*	DNA	SmartPEI		Specific study protocol
ES-2, Hep-3B, PANC-1	*in vitro*	DNA	SmartPEI		Specific study protocol
Human primary hepatocytes	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, T-REX-293	*in vitro*	DNA	SmartPEI		Specific study protocol
Cumulus cells	*in vitro*	miRNA plasmid	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
Mouse medulloblastoma cells	*in vitro*	DNA	SmartPEI		Specific study protocol
LNCaP	*in vitro*	DNA	SmartPEI		Specific study protocol
LNCaP	*in vitro*	DNA	SmartPEI		Specific study protocol
XP30RO	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, MDCK	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
COS	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
COS	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
Goldfish fibroblast cells, HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, HeLa, Mouse primary	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol
N2A	*in vitro*	DNA	SmartPEI		Specific study protocol
Melan-A	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
U-87 MG	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
MDCK	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
Rat aorta smooth muscle cells	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, SH-SY-5Y	*in vitro*	DNA	SmartPEI		Specific study protocol
HIPEC-65	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO, NIH 2/4, NIH-3T3, U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
C666-1, U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
MRC-5	*in vitro*	Dbait	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
COS	*in vitro*	DNA	SmartPEI		Specific study protocol
TE 671	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12	*in vitro*	shRNA plasmid	SmartPEI		Specific study protocol
Granulosa cells	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, HeLa, MDCK, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
COS	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	shRNA plasmid	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
BT-549, HeLa	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa, Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
Human keratinocyte cell line	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep-3B	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
BC-1	*in vitro*	DNA	SmartPEI		Specific study protocol
AD-293	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12, HCT 116, MCF7	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
Mouse bone marrow-derived mac	*in vitro*	DNA	SmartPEI		Specific study protocol
HCT 116	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
MIN6	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
Human ovarian surface epithelial	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
Human basal carcinoma cells	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol
MC3T3-E1	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
C2, Caki-2, HEK-293, HGADFN1	*in vitro*	DNA, siRNA, siRNA and DNA cotransfection	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO-K1	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	shRNA plasmid	SmartPEI		Specific study protocol
4T1, HEK-293, MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
Mouse rhabdomyosarcoma cells	*in vitro*	DNA	SmartPEI		Specific study protocol
Fao	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, NCI-H1650, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep G2, HuH-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa Kyoto	*in vitro*	DNA	SmartPEI		Specific study protocol
-	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa, Rat embryonic fibroblasts	*in vitro*	DNA	SmartPEI		Specific study protocol
LNCaP, PC-3	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
JB6, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
SK-MEL-2, SK-MEL-28, SK-MEL-	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF	*in vitro*	siRNA	SmartPEI		Specific study protocol
HCT 116	*in vitro*	DNA	SmartPEI		Specific study protocol
H9c2	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
CNE-1	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
HEK-293	*in vitro*	DNA, shRNA plasmid	SmartPEI		Specific study protocol
NTUB1/p	*in vitro*	DNA	SmartPEI		Specific study protocol
A549, HEK-293T, NCI-H460, NIH	*in vitro*	DNA	SmartPEI		Specific study protocol
HCT 116, HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12, HeLa	*in vitro*	DNA, siRNA and LNA	SmartPEI		Specific study protocol
HeLa, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
SW480	*in vitro*	DNA	SmartPEI		Specific study protocol
SH-SY-5Y	*in vitro*	DNA	SmartPEI		Specific study protocol
Sp2/0-Ag14	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
A549	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
A03-1, NIH-3T3, U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
AD-293, Phoenix	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HINAE	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
BHK	*in vitro*	DNA	SmartPEI		Specific study protocol
H1299, H1975	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
Ht-TA1	*in vitro*	DNA	SmartPEI		Specific study protocol
BLM	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
Proximal convoluted tubule cells	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12	*in vitro*	shRNA plasmid	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HaCaT	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, HeLa, MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
MDA-MB-231	*in vitro*	DNA	SmartPEI		Specific study protocol
BeWo	*in vitro*	DNA	SmartPEI		Specific study protocol
MEF, Mouse primary aortic outgrc	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
HCT 116	*in vitro*	DNA	SmartPEI		Specific study protocol
CCD-1070Sk	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA, shRNA plasmid	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO-K1	*in vitro*	DNA	SmartPEI		Specific study protocol
C2C12	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, HEK-293, Jurkat, SW480	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
Lenti-X 293T	*in vitro*	DNA	SmartPEI		Specific study protocol
JEG-3	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	siRNA	SmartPEI		Specific study protocol
RAW 264.7	*in vitro*	mimic miRNA	SmartPEI		Specific study protocol
Baby rat kidney, HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
WM3314, WM3526, WM3682	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
Human Ewing's sarcoma cells	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO, HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7, MDA-MB-231	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
CV-1	*in vitro*	DNA	SmartPEI		Specific study protocol
CCD-1068Sk, MCF 12A, MDA-MB-231	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HuH-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, HeLa, N2A	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, HeLa, HuH-7.5	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293A	*in vitro*	DNA	SmartPEI		Specific study protocol
N2A	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
HD11	*in vitro*	DNA	SmartPEI		Specific study protocol
ARO	*in vitro*	DNA	SmartPEI		Specific study protocol
A549, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
EA.hy926	*in vitro*	DNA	SmartPEI		Specific study protocol
U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO, NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
THP-1	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
MRC-5	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-1, HEK-293-F, MG-63	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
-	*in vitro*	siRNA	SmartPEI		Specific study protocol
COS-7, HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
BT-474, MEF	*in vitro*	DNA	SmartPEI		Specific study protocol
AML12	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
ST14A	*in vitro*	DNA	SmartPEI		Specific study protocol
1321N1	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
COS, INS-1E, MIN6, Mouse primæ	*in vitro*	DNA	SmartPEI		Specific study protocol
Hepa-1c1c7	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
PLC/PRF/5	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, HT-29, SW620	*in vitro*	DNA, siRNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol



Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
Hep-3B	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
BON	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
A431, HaCaT, SK-MEL-5	*in vitro*	shRNA plasmid	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
Phoenix	*in vitro*	DNA	SmartPEI		Specific study protocol
GCV6	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
MDA-MB-436	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7	*in vitro*	DNA	SmartPEI		Specific study protocol
SiHa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
Phoenix	*in vitro*	shRNA and DNA cotransfection	SmartPEI		Specific study protocol
COS-7	*in vitro*	DNA	SmartPEI		Specific study protocol
MET-1	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
AGS, MKN-45	*in vitro*	DNA	SmartPEI		Specific study protocol
HOS, Saos-2	*in vitro*	DNA	SmartPEI		Specific study protocol
N2A	*in vitro*	shRNA plasmid	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
BHK, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	shRNA and DNA cotransfection	SmartPEI		Specific study protocol
HEK-293T/17	*in vitro*	DNA	SmartPEI		Specific study protocol
Rat bone marrow-derived mesenc	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, MDA-MB-231	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, MIN6	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
Human foreskin fibroblasts	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO, HEK-293, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HK-2	*in vitro*	DNA	SmartPEI		Specific study protocol
U87	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-7, HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
HuH-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HCT 116, SW480	*in vitro*	miRNA plasmid	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
LNCaP, VCaP	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
RAW 264.7	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
A549	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
SK-MEL-28	*in vitro*	DNA	SmartPEI		Specific study protocol
BT-549, HCC1937, hs 578T, MDAMB-231	*in vitro*	DNA	SmartPEI		Specific study protocol
U-2 OS	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
N2A	*in vitro*	DNA	SmartPEI		Specific study protocol
SK-HEP-1	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO, PC-3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, HuH-7	*in vitro*	DNA, mRNA	SmartPEI		Specific study protocol
Caco-2	*in vitro*	antimiR	SmartPEI		Specific study protocol
C33A, HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HaCaT	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
RG37	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	siRNA	SmartPEI		Specific study protocol
Hep G2	*in vitro*	DNA	SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
HEK-293	*in vitro*	DNA	SmartPEI		Specific study protocol
MCF7, T-47D	*in vitro*	DNA	SmartPEI		Specific study protocol
QM5	*in vitro*	DNA	SmartPEI		Specific study protocol
CL1-5-F4	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
CHO	*in vitro*	DNA	SmartPEI		Specific study protocol
HuH-7	*in vitro*	DNA	SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI		Specific study protocol
OFEC-17FEN	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T	*in vitro*	DNA	SmartPEI		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI		Specific study protocol
HEK-293T, Mouse bone marrow-	*in vitro*	DNA	SmartPEI		Specific study protocol
COS-1, Rat primary hepatocytes	*in vitro*	DNA	SmartPEI, Other agent		Specific study protocol
COS-7, Hep-3B	*in vitro*	DNA	SmartPEI, Other agent		Specific study protocol
HLMEC	*in vitro*	DNA	SmartPEI, Other agent		Specific study protocol
TSA-Luc	*in vitro*	siRNA, STICKY SIRNA	SmartPEI		Specific study protocol
B16-F10	*in vitro*	DNA	SmartPEI		Specific study protocol
B16-F10	*in vitro*	STICKY SIRNA	SmartPEI		Specific study protocol
B16-F10	*in vitro*	DNA	SmartPEI		Specific study protocol
Panc02	*in vitro*	DNA	SmartPEI		Specific study protocol
Embryonal rhabdomyosarcoma c	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
HEK-293, MCF7	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
HEK-293T, Mouse primary macro	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
Hep G2, SK-HEP-1	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
HeLa, RPE-1	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
H1299	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
U-2 OS, U-2 OS derived cell line	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
Hep G2, Hep-G2/2.2.15	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
RG37	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
HeLa	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
H1299, HeLa	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
A549, H1299, HEK-293, MCF7, M	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
PDAC	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
H1299, HeLa	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
A549	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
HEK-293, RAW 264.7	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol

Cell Line	in vitro/in vivo	Delivered Molecule	Reagent	Results	Protocol
HEK-293, RAW 264.7	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
AML12, HEK-293A, Hep G2, Mou	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
HEK-293T, mIMCD-3	*in vitro*	DNA, siRNA	Other agent, SmartPEI		Specific study protocol
PANC-1	*in vitro*	DNA, mimic miRNA	Other agent, SmartPEI		Specific study protocol
HeLa, MCF7, RAW 264.7	*in vitro*	DNA, siRNA	SmartPEI, Other agents		Specific study protocol
HEK-293, HeLa, MEF	*in vitro*	DNA, siRNA, siRNA and DNA cotransfection	SmartPEI, Other agents		Specific study protocol
Human bone marrow-derived den	*in vitro*	DNA	SmartPEI, Other agent		Specific study protocol
HEK-293T, Human macrophages	*in vitro*	DNA	SmartPEI, Other agent		Specific study protocol
HEK001, HeLa	*in vitro*	DNA	SmartPEI, Other agent		Specific study protocol
HT-29, MDA-MB-231, OVCAR-3,	*in vitro*	DNA, siRNA	SmartPEI, Other agent		Specific study protocol
HCT 116, HEK-293, SW480	*in vitro*	DNA	SmartPEI, Other agent		Specific study protocol
A549, HeLa, WI-38, WI38	*in vitro*	DNA, siRNA	SmartPEI, Other agent		Specific study protocol
Human primary melanoma cells, I	*in vitro*	shRNA plasmid, siRNA	SmartPEI, Other agent		Specific study protocol
NIH-3T3	*in vitro*	DNA	SmartPEI, Other agent		Specific study protocol
COS-1, HeLa, MCF7	*in vitro*	DNA, siRNA	SmartPEI, Other agent		Specific study protocol
Flp-In-293, U-2 OS	*in vitro*	DNA, siRNA	SmartPEI, Other agent		Specific study protocol
A549, H322, H358, H441	*in vitro*	DNA, siRNA	SmartPEI, Other agent		Specific study protocol
HuH-7	*in vitro*	DNA, siRNA and DNA cotransfection	SmartPEI, Other agent		Specific study protocol
Hep-2	*in vitro*	DNA	SmartPEI, Other agent		Specific study protocol
HEK-293, U-2 OS	*in vitro*	DNA	SmartPEI, Other agent		Specific study protocol
HEK-293T	*in vitro*	DNA, siRNA	SmartPEI, Other agent		Specific study protocol
MIN6	*in vitro*	DNA	SmartPEI, Other agent		Specific study protocol
HEK-293T, HeLa	*in vitro*	DNA	SmartPEI, Other agent		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI, Other agent		Specific study protocol
EA.hy926, Hep G2	*in vitro*	DNA, siRNA	SmartPEI, Other agent		Specific study protocol
U-2 OS	*in vitro*	DNA, shRNA plasmid	SmartPEI, Other agent		Specific study protocol
HeLa	*in vitro*	DNA, siRNA, siRNA and DNA cotransfection	SmartPEI, Other agent		Specific study protocol
B16-F10, G-361, HUVEC, MCF7,	*in vitro*	DNA, siRNA	SmartPEI, Other agent		Specific study protocol
HEK-293T	*in vitro*	DNA, siRNA and DNA cotransfection	SmartPEI, Other agent		Specific study protocol
HEK-293	*in vitro*	DNA	SmartPEI, Other agent		Specific study protocol
CHO-K1, HEK-293T, N1E-115	*in vitro*	DNA	SmartPEI, Other agent		Specific study protocol
A549, HCT 116	*in vitro*	DNA	SmartPEI, Other agent		Specific study protocol
Hep G2	*in vitro*	DNA	SmartPEI, Other agent		Specific study protocol
HEK-293, HEK-293T	*in vitro*	DNA, siRNA	SmartPEI, Other agent		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI, Other agent		Specific study protocol
HeLa	*in vitro*	DNA	SmartPEI, Other agent		Specific study protocol