Immortalized Cell Line	Original organ	Species	Seeding cell conc. (cells/cm²)	M.O.I.**	Efficiency (% of tranduced cells)
A375	Skin	Human	25000	40	100%
A549	Lung	Human	25000	40	100%
B16F10	Skin	Mice	25000	40	100%
C2C12	Myoblast	Mice	25000	2 x 100	100%
Caco2	Colon	Himan	25000	100	90%
CHO-S *	Ovaries	Hamster	2E5 c/ml	40	100%
CHO-K1	Ovaries	Hamster	25000	80	100%
DAOY	Cerebellum	Human	25000c	80	100%
EL4 *	Thymus	Mice	5E5 c/ml	2 x 100	100%
H9C2	Heart	Human	14000c	40	100%
HCC1806	Breast	Human	25000	40	100%
HCT116	Settler	Human	25000	20	100%
HEK293	Kidney	Human	25000	40	100%
HEK293 Freestyle *	Kidney	Human	2E5 c/ml	40	100%
HEK293T	Kidney	Human	25000	20	100%
Hela	Uterus cervix	Human	25000	80	100%
Hep3B	Liver	Human	13333	60	100%
HepG2	Liver	Human	25000	40	100%
HuH7	Liver	Human	25000	30	100%
HPF	Lung	Human	50000	40	98%
INS1-E	Pancreas	Rat	25000	40	100%
Jurkat *	T-cell lymphoma	Human	3E5 c/ml	40	100%
Kit225	Natural Killer	Human	1E5 c/ml	60	80%
LL2	Lung	Mice	25000	100	100%
MC38	Settler	Mice	25000	100	90%
MCF-10A	Breast	Human	25000	100	90%
MCF-7	Breast	Human	25000	80	100%
Min6	Pancreas	Mice	25000	100	100%
Mutz-3 *	Blood cell	Human	5E5 c/ml	2 x 50	90%
N1E-115	Brain	Mice	25000	80	100%
NK92	Natural Killer	Human	5E5 c/ml	100	60%
OCI Ly10 *	B-cell lymphoma	Human	5E5 c/ml	100	30%
OCI Ly19 *	B-cell lymphoma	Human	5E5 c/ml	2 x 100	91%
OVCAR3	Ovaries	Human	25000	100	100%
Panc-O2	Pancreas	Mice	25000	20	>85%
PC3	Prostate	Human	25000	50	100%
Renca	Kidney	Mice	25000	20	>85%
SHSY5Y	Bone marrow	Human	67000	40	100%
SKOV3	Ovaires	Human	20000	60	100%
SP2/0-Ag14	myelome	Mice	2E5 c/ml	2 x 60	83%
THP1 *	Monocyte	Human	3E5 c/ml	100	100%
U2OS	Bone	Human	25000	20	>85%
U937 *	Monocyte	Human	3E5 c/ml	80	100%
3T3	Embryo	Mice	25000	40	100%
4T1	Breast	Mice	25000	40	>85%

Primary Cells	Original organ	Specie	Seeding cell conc. (cells/cm²)	M.O.I.**	Efficiency
HUVEC	Umbilical Cord	Human	5000	20	100%
Pancreatic islets	Pancreas	Human	100 islets/mL	40	100%
T cells *	Blood cells	Human	5E5 c/ml	2 x 50	95%
Macrophages *	Blood cells	Human	5E5 c/ml	40	93%
Monocytes *	Blood cells	Human	5E5 c/ml	40	100%
Neurons	E16 embryonic cortex	Rat	110000	20-40	100%
Neurospheres *	Brain	Mice	2,5E5c/mL in T25	40	100%
Foreskins	Skin	Human	5000	20	100%
IMR90	Skin	Human	5000	40	100%
MRC-5	Skin	Human	5000	80	100%
Oligodendrocytes	E16 embryonic cortex	Rat	110000	40	100%
Dendritic cells	Blood cells	Human	5E5 c/ml	20	90%

Stem Cells	Original organ	Specie	Seeding cell conc. (cells/cm²)	M.O.I.**	Efficiency
Hematopoietic Stem Cells*	Blood cells	Mice	1E6 c/ml	50	85%
Hematopoietic Stem Cells*	Blood cells	Human	1E6 c/ml	2 x 50	80%
Mesenchymal Stem Cells	Adipose tissue	Human	5000	40	90%

* = Suspension cells.	** = Necessary MOI to reach the maximum of transduced cells.

Note: this is a non-exhaustive list of cells transduced by Vectalys. If your cell of interest is not in our list, contact our experts at tech@vectalys.com