

List of some of the cell traces and set-up parameters available for CASY cell counters

(note: list is in the process of being updated)

Algae, plankton, protozoa

Alexandrium ostenfeldii - dino flagellate
 Blue algae - Cyano bacter synechocystis
 Cheatoceros calcitrans - fresh culture
 Cheatoceros calcitrans - old culture
 Chlorella vulgaris - fresh culture
 Chlorella vulgaris - old culture
 Dino flagelates - fresh culture
 Dino flagelates - old culture
 Dunaliella - fresh
 Euglena gracilis
 Euglena gracilis - fixed in EtOH
 Gonyaulax polyedra
 Mallomonas
 Ochromonas
 Ostreococcus tauri
 Paramecium
 Phaeodactylum tricornutum
 Protozoa Dd - cultured in flask
 Protozoa Dd - fixed in EtOH
 Protozoa Tp - bioreactor - fast moving
 Protozoa Tp - bioreactor - immobilized
 Protozoa Tp - dead - fixed in EtOH
 Rhodomonas - mix
 Rhodomonas - viable
 Scenedesmus subspicatus-01
 Scenedesmus subspicatus-02
 Selenastrum capricornum
 Tetrahymena thermophila - log phase
 Tetrahymena thermophila-stat phase
 Tetraselmis

New cells TT

293-wild type, TT
 B9-OPI. TT
 C2C12-Bergen.TT
 CASYexcell Import.TT
 CASYexcell Impart. TT
 CCE mouse stem cell-2. TT
 CCE mouse stem cell.TT
 H4113. TT
 HEK293T-AntiC.TT
 HEK-fermentation.TT
 L5178Y.TT
 MCF-7. TT
 MEF-Bergen.TT
 mouse fibroblast f-cells.TT
 NK-92. TT

Bacteria

Bacillus cereus
 Bacillus subtilit
 E.coli - (1) - count
 E.coli - (2) - biovolume
 E. coli - K12 - wild type
 E.coli vital
 E.coli vital-2
 E.coli-BL21
 E.coli-SP6 - defect mutant
 Backup Lacto bacillus
 Salmonella thyphirriurnrn
 Synechococcus

New files

E. coli -02
 E. coli -03
 E. coli -04
 E. coli
 bl32 after inction
 bl32 before inction
 E. coli bl21 Vol on
 E. coli bl21 on
 E. coli bl21 before induction
 E. coli bl21 after induction
 E. coli bl21

Blood cells

Platelets

PLT human active
 PLT human active and inactive mix

Control blood - human after lysis
 Whole blood - dog
 Whole blood - dog lysed
 Whole blood - dog - 02
 Whole blood - dog - 03

Erythrocytes

Erythrocytes - chicken - early stage of differentiation .
 Erythrocytes- human- membrane ghosts .
 Whole blood, RBC - bovine
 Whole blood, RBC - human - high MCV
 Whole blood, RBC - human - low MCV
 Whole blood, RBC - human - normal MCV
 Whole blood, RBC - pig
 Whole blood, RBC - sheep

Lymphocytes

B-lymphocytes - chicken
 Cord blood - human
 Granulocyte – basophilic - human
 Granulocytes – eosinophilic -human
 Macrophages - human
 Mono nuclear cells, MNC - human
 Monocytes - human Neutrocytes – human
 Neutrocytes - human

Cell lines

3T3 - mouse, Swiss albino - fibroblast
 293 (HEK) - human - embryonal kidney-01
 293 (HEK) - human - embryonal kidney-01-volume
 293 (HEK) - human - embryonal kidney-02
 293 (HEK) - human - embryonal kidney-02-volume
 293 (HEK) - human - embryonal kidney - mutant -E-cadherin
 293 (HEK) - human - embryonal kidney - wild type
 468 - mouse-mouse hybridoma - lymphoblast-01
 468 - mouse-mouse hybridoma - lymphoblast-02
 529 - mouse-mouse hybridoma - lymphoblast-01

Cell lines - recent additions

A549-2.CRF
 A549 ILK aut.CRF
 A549 tDt.CRF
 A549 untransfiziert WDH2.CRF
 A549 untransfiziert WDH3.CRF
 A549 untransfiziert WDH.CRF
 A549 untransfiziert.CRF
 A549-anti EGF.CRF
 A549Mischung lebend-tot 10fach.CRF
 A549Mischung lebend-tot.CRF

TT Traces - cell lines

3T3-NIH - mouse, Swiss albino - embryo - fibroblast.TT
 25-9 - mouse-mouse - hybridoma; lymphoblast.TT
 A549 - human - lung; carcinoma-1.TT
 A549 - human - lung; carcinoma-2.TT
 A2780 (Novartis).TT
 A-9 -mouse-connective tissue. TT
 AG8. TT
 ARPE-19 - human - eye, retina; pigmented epithelium.TT
 BT-474 - human - mammary gland; ductal carcinoma. TT
 C3H-clone8-mouse-embryo fibroblast (Bergen). TT

529 - mouse-mouse. hybridoma - lymphoblast-02
 941 - mouse-mouse . hybridoma - lymphoblast
 A9 - mouse - subcutaneous connective tissue-01
 A9 - mouse - subcutaneous connective tissue-02
 A-375 - human - skin, malignant melanoma
 A-431 - human - epidermoid carcinoma
 A-549 - human - lung carcinoma
 B9 - mouse - hybridoma 01
 B9 - mouse - hybridoma 02
 B9 - mouse - hybridoma - fixed in EtOH
 BHK-21 - hamster, syrian - kidney
 BL-3 - bovine - lymphosarcoma - 01
 BL-3 - bovine - lymphosarcoma - 02
 BSC-1 - monkey, african green - kidney
 CCRF-CEM - human - T cell leukemia
 CHO - hamster, Chinese - ovary cells - diploid
 CHO - hamster, Chinese - ovary cells - serum free medium
 CHO - hamster, Chinese - ovary cells - transfected
 CHO-K1 - hamster, Chinese - ovary cells
 CHSE-214 - fish - Chinook salmon embryo cells-01
 CHSE-214 - fish - Chinook salmon embryo cells-02
 HeLa - human - cervix carcinoma
 HEP-G2 - human - hepatocellular carcinoma
 Hfob - human - foetal osteoblast
 HIGH 5 - insect - Trichoplusia ni -01
 HIGH 5 - insect - Trichoplusia ni -02 nuclei
 HL-60 - human - acute myeloid leukemia
 IMR-90 - human, Caucasian - foetal lung fibroblast
 J82 - human - bladder carcinoma
 JURKAT - human - T cell leukemia-01
 JURKAT - human - T cell leukemia-02
 'K-562 - human - chronic myeloid leukemia
 KC - insect - Drosophila embryo -O1
 KC - insect - Drosophila embryo -02 nuclei
 L5178Y - mouse - lymphoma
 L-929 - mouse - connective tissue fibroblast-01
 L-929 - mouse - connective tissue fibroblast-02
 L-1210 - mouse - lymphocytic leukemia
 LNCaP - human - lymph node carcinoma
 MDBK - bovine - kidney cells
 MDCK - dog - kidney cells
 MEF-1 - mouse - embryo, fibroblast
 MGH - human - bladder carcinoma
 MOLT-4 - human - T-cell leukemia
 MTC -M - mouse - thyroid carcinoma (1) aggr
 MTC -M - mouse - thyroid carcinoma (2) disintegration
 MAMALVA – human Bukitt lymphoma
 PER-C6 serum free medium
 PER-C6 - (2) - treated with Accumax
 PER-C6 - human - embrional retinoblast
 RAM - human - Burkitt lymphoma
 RK13 - rabbit - kidney
 RPE-3 - rat - eye (retina), pigmented epithelium
 J RT-4 - human - urinary bladder transitional cell carci
 RTG-2 - fish - rainbow trout gonadal cells
 J SF-9 - insect - fall army worm -01
 SF-9 - insect - fall army worm -02 nuclei
 SF-21 - insect - fall army worm -01
 SF-21 - insect - fall army worm -02 nuclei
 SP2-0 - mouse - myeloma - 01
 SP2-0 - mouse - myeloma - 02
 TF-1 - human - erythroleukemia
 U-937 - human - histiocytic lymphoma -02
 U-937 - human - histiocytic lymphoma,crf -01
 V-79 - hamster - lung fibroblast
 VERO - monkey, african green - kidney cells -01
 VERO-B4 - monkey, african green - kidney cells -02
 Y79 - human - eye (retina), retinoblastoma-01
 Y79 - human - eye (retina), retinoblastoma-02
 YB2-0 - rat-rat – hybridoma

C 168J dead cells-02.CRF C 1687 dead cells. CRF
 C 168Jlive cells. CRF
 CHO-K1 viable.CRF
 COS-7 - vital -fixiert in EtOH.CRF
 COS-7 -vital -tot. CRF
 COS-7 - vital. CRF
 EOL-1- human - acute myeloid leukeia crf
 HeLa fixed in EtOH.CRF
 HEla.CRF
 HEPG2 Tot. CRF
 HEPG2 Vital +Tot.CRF
 HEPG2.CRF
 FTT29LMM. CRF
 HT29P Tot. CRF
 HT29P Vital +Tot. CRF
 HT29P. CRF
 HT-29 -human -colon adenocarcinoma.crf
 K562 viable. CRF
 KC+13. 3. CRF
 KC-wild type in EtOH.CRF
 KC-wild type. CRF
 LADA Vital. CRF
 MDAMB468 tot.CRF
 MDAMB468 vital + tot. CRF MDAM8468 vital. CRF mdck-Z. CRF
 mdck-240. CRF
 MEF W8 P68 (US). CRF
 MHH-tot EtOH fixlert.CRF
 MHH-tot-vital Mischung.CRF
 MHH-vital. CRF
 Molt4Test. CRF
 Molt4Test-EtOH.CRF
 Molt4Test-vital + tot -EtOH.CRF
 MRC5 -50-01.CRF
 MRCS -50-02 -EtOH.CRF
 MRCS -50-02 -mixture.CRF
 MRCS -50-02.CRF
 MRC 5 Test 01. CRF
 MRCS-vzv. CRF NIH-3T3 - vital -fixiert in EtOH. CRF
 NIH-3T3 - vital. CRF
 PERC6-030. CRF
 PERC6-050.CRF
 PERC6-060-2.CRF
 PERC6-060-3. CRF
 PERC6-060. CRF SF9dead cells.CRF
 SF94ive cells-02.CRF
 SF9-live cells.CRF SF94ive cells-infected.CRF
 Tote HT29LMM.CRF
 u937 6. Sum.CRF
 u937 10um PLCRF
 u937 10um.CRF
 U937 alte Kultur. CRF
 U937 camtothedn.CRF
 u937 Control.CRF
 u937 mischung lebend-tot. CRF
 U937 Mischung.CRF
 u937 vital.CRF
 vero essai 1 target. CRF
 vero essai 2 target. CRF
 vero essai 3 target mixture.CRF
 vero essai 3 target. CRF
 vero essai 3 target-EtOH.CRF
 Vital + tote HT29LMM. CRF
 WOO EtOH.CRF
 WOO Mischung vital tot.CRF
 WOO vital. CRF
 xG 1. CRF
 Y79 vital-2.CRF
 Y79 vital - tat.CRF
 Y79 vital. CRF

Caco-2 - human - colon; adenocarcinoma-1. TT
 Caco-2 - human - colon; adenocarcinoma-2.TT
 CASYexcell Import.TT
 CEpan3b - human - pancreas; stem cells, TT
 CHO - clone2 (OPI).TT
 CHO - clone3 (OPI).TT
 CHO - hamster, chinese - ovary cells; transfiziert.TT
 CHO differend clones (OPI).TT
 CHO-K1 (Budapest). TT
 COS-7 - monkey, african green - kindney fibroblast.TT
 CX-2 - human - colon; adenocarcinoma.TT
 DU145 - human - brain; carcinoma.TT
 HCT-116 - human - colon; colorectal carcinoma. TT
 HEK293T - human - kidney; highly transfective.TT
 HEK 293 - human - embryonic kidney.TT
 HEK 293 - human - kidney; embryonic. TT
 HEK 293 - human - kidney; fetal. TT
 HEK 293F (Necker).TT
 HeLa - human - cervix; adenocarcinoma (Bergen). TT
 HeLa - human - cervix; adenocarcinoma (Novartis).TT
 HeLa - human - cervix; adenocarcinoma.TT
 HeLa-53 - human - cervix; adenocarcinoma.TT
 Hep-3B- human - liver; hepatocellular carcinoma.TT
 HepG2 - human - liver; hepatocellular carcinoma-1.TT
 HepG2 - human - liver; hepatocellular carcinoma-2. TT
 HL-60 - human - promyelocytic leukemia. TT
 HT-29 - human - colon; adenocarcinoma. TT
 HUVVEC - human - vein; vascular endothelium.TT
 IMR-90 - human - lung; fibroblast.TT
 Ishikawa -human - endometrium; carcinoma. TT
 JURKAT - human - T cell; leukemia.TT
 JURKAT - human - T lymphocyte; acute T cell leukemia.TT
 JURKAT - human - T lymphocyte; transgenic.TT
 K-562 - human - pleural effusion; chronic myelogenous leukemia. tt
 KC - mouse-mouse - hybridoma; lymphoblast.TT
 L5178Y - mouse - lymphoma (Biologie Servier).TT
 LS 178Y - mouse - lymphoma (Sanofi-Aventis). TT
 L5178Y TK- mouse - lymphoma (clone 3.7.2C).TT
 LAZ - human - B lymphocyte.TT
 LN-229 - human - brain; glioblasoma.TT
 M1 - human - fibroblast (Bergen). TT
 McA-3D - rat - liver; hepatoma.TT
 MCF7 - human - adenocarcinoma.TT
 MCF7-human-adenocarcinoma (Budapest). TT
 MLE-12 - mouse, transgenic - lung; epithelial. TT
 PLC-BRF-5 - human - liver; Alexander cells; hepatoma. TT
 Raji - human - B lymphocyte; Burkitts lymphoma (Bergen). TT
 RAW264-7 - mouse - monocyte; macrophage; AMLV-induced tumor
 RKO-human-colon; carcinoma (Novartis).TT
 S2 - insect - drosophila; embryo cells.TT
 SCLC-24H - human - lung; small cell carcinoma.TT
 SH-SY5Y - human - bone marrow; (metastasis).TT
 SH-SY5Y - human - brain; neuroblastoma.TT
 SK-HEP-1 - human - liver; adenocarcinoma .TT
 SL-29 - chicken - embryo; fibroblast.TT
 SW480 - human - colon; adenocarcinoma.TT
 THP-1 - human - acute monocytic leulemia.TT
 U937- (Budapest). TT
 U-20B - human - bone; osteosarcoma.TT
 U-266 - human - myeloma.TT
 U-B7B - human - astrocytes.TT
 U-937 - human - macrophage; histiocytic lymphoma. TT

Fungi spores

Coniothyrium minitans
 Puccinia coronata

Primary cells

Adipocytes - human
 Blood stem cells - human
 Chondrocytes - human - 1. passage
 Chondrocytes - human - 3 passage
 Chondrocytes - human - fixed in EtOH .
 Ehrlich ascite tumor cells – mouse
 Endothelial cells - mouse
 Endothelial cells 01 - human - fresh isolated
 Endothelial cells 02 - human – 1 passage
 Fibroblasts - human
 Fibroblasts - human - inactiv
 Glioma cells - mouse
 Hepatocytes - rat

Primary cells - recent additions

0-50 HT29LMM.CRF
 exp. Zellen Misch.CRF
 exp. Zellen.CRF
 Fibro Tot. CRF
 Fibro vital +Tot.CRF
 Fibro Vital. CRF
 Fibro.CRF
 fibroblast-01. CRF
 fibroblast-0 l-fixed in ROH. CRF
 fibroblast-01-mixture live-dead.CRF
 HEPG2 Tot. CRF
 HEPG2 Vital +Tot. CRF
 HEPG2.CRF

TT Primary cells

CCE mouse stem cells-- MEF.TT
 CCE-mouse stem cell and MEF feeder cells. TT
 prim cells - human - chondrocytes .TT
 prim cells - human - granulosa - . TT
 prim cells - human - keratinocytes.TT
 prim cells - human - lung-fibroblast.TT
 prim cells - human - lymphocytes. TT
 prim cells - human - PBMC.TT
 prim cells - human - skin, foreskin-fibroblast-1.TT
 prim cells - human - skin, foreskin-fibroblast-2.TT
 prim cells - mouse - bone marrow. TT
 prim cells - mouse - MEF embryonal fibroblast.TT
 prim cells - mouse - MEF embryonal fibroblast; transfected.TT

Hyalocytes - pig
 Keratinocytes - human
 Keratinocytes - human - precursor cells
 Keratinocytes - mouse
 Lung cells - human
 Lymphosarcoma cells - mouse
 Osteoblasts - human
 Pancreas cells - rat
 Renal proximale tubulus epithelial cells - human
 Spleen cells, murine - mouse
 Thymocytes - mouse
 Ziliar mussel cells – human

HT29.MM.CRF
 HT29P Tot.CRF
 HT29P Vital +Tot.CRF
 HT29P.CRF
 hybridom Kontrolle.CRF
 hybridom Mischung.CRF
 hybridom tot2.CRF
 hybridom tot.CRF
 hybridoma-01-fixed casyblue.CRF
 hybridoma-0 i-viable-02.CRF
 hybridoma-0lwiabie.CRF
 hybridoma-02-fixed casyblue.CRF
 hybridoma-02-mixture viable-dead.CRF
 hybridoma-02-viable.CRF
 MDAM8468 tot.CRF
 MDAM8468 vital + tot.CRF
 MDAM8468 vital.CRF
 mdck-2.CRF
 mdck-240.CRF
 mdck.CRF
 rptez 01.CRF
 Tote HT29LMM.CRF
 Vital +tote HT29LMM.CRF

prim cells - mouse - spleen, MNC.TT
 prim cells - mouse - spleen.TT
 prim cells - mouse - thymocytes.TT
 primary - human - Dentrific Cells.TT
 primary - human - PBMC (Bergen).TT
 primary - human-peridontal fibroblast.TT
 primary - mouse - fibroblast; perodontal ligament (Bergen).TT
 prim-human-fibroblast-skin.TT

Parasites

Trypanosoma brucei

Sperm

sperm Boar-01
 sperm-Boar-02
 sperm-Boar-03 sperm-Bull-01
 sperm-Bull-02
 sperm-Bull-03
 sperm-Human-PO I-hypoton
 sperm-Human-PO 1-isoton
 sperm-Human-P02-isoton
 sperm-Human-P03-filtration
 sperm-Human-P03-native
 sperm-Human-P04-Filtration
 sperm-Human-P04-native
 sperm-Stallion-01
 sperm-Stallion-02

Stem cells

ES DN 62
 ES DN72 P29
 PBMC- human- isolated by Ficoll-01
 PBMC- human - isolated by Ficoll-02
 PBMC- human - lysed by saponin
 stem cells - human, cord blood - dead and live
 stem cells - human, cord blood – viable

Worm eggs

Trichuris suis
 Trichuris suis 2

Yeast

Scizosaccharomyces
 yeast - brewery - strain a
 yeast - brewery - strain b
 yeast - s. caravisiae
 Candida albicans