

Hybrigenics cDNA Libraries

Please find below a selection of our libraries that can be used for all ULTimate screens, to discover the partners of a protein, a DNA sequence, a short RNA or a small molecule of interest.

With over 130 libraries from more than 45 species, we are proud to have the most complex libraries and the largest collection available for screening. We value your feedback for potential new libraries that will meet the needs of the research community. Please let us know what you think by mail at services@hybrigenics.com or find us on [LinkedIn](#).

Homo sapiens

CELL LINES

- B cell lymphoma (mix of SUDHL-4, SUDHL-6, RCK8) ref: [BCLY]
- Bone marrow endothelial cells (HBMEC) ref: [HBMEC]
- Breast tumor epithelial cells (mix of T47D, MDA-MB-468, MCF7, BT20) ref: [HBEC]
- Brown adipocytes (differentiated PAZ6) ref: [PZD]
- Colon tumor epithelial cells (mix of Caco2, HCA7, Colo205, SW480) ref: [HCCA]
- Colorectal carcinoma cells (HCT116) ref: [HCT116TO]
- Ewing's sarcoma cells ref: [HSEG]
- HeLa cells ref: [HeLa]
- Lung tumor cells (mix of A549, H1703, H460) ref: [HLUC]
- Podocytes ref: [HPO]
- Pre-adipocytes (undifferentiated PAZ6) ref: [PZU]
- Prostate tumor cells (mix of PC3, DU145, PNT1A, LNCaP) ref: [HPRC]
- T-cells (CEMC7) ref: [CEMC7]
- Umbilical vein endothelial Cells ref: [HUVEC]
- Umbilical vein endothelial Cells, stressed & unstressed (HUVEC) ref: [HSCUV]

PRIMARY CELLS

- Fibroblasts ref: [HF]
- Hepatocytes ref: [PHH]
- Leukocytes + activated mononuclear cells ref: [HLMA]
- Macrophages (mix of Pam3CSK4 induced and IFN β induced) ref: [HMIN]
- Macrophages (non induced) ref: [MAC]
- Melanocytes ref: [HML]
- Thymocytes (mix of CD4+ and CD8+) ref: [HTH]
- Bone marrow-derived hematopoietic stem cells ref: [BMHSC]

TISSUES

- Brain adult ref: [HBR]
- Brain fetal (entorhinal cortex and hippocampus) ref: [HFHIT]
- Brain fetal ref: [HFBR]
- Breast ref: [HBT]
- Colon ref: [HCN]
- Heart adult/fetal ref: [HVEH]
- Langerhans islets ref: [HISL]
- Liver ref: [HLV]
- Lung ref: [HNL]
- Muscle skeletal adult/fetal ref: [HMAF]
- Pancreas ref: [HPS]

- Placenta ref: [PLA]
- Reconstituted skin (Episkin) ref: [EpiSkin]
- Retina ref: [HRET]
- Testis ref: [HTestis]

Plants

Arabidopsis thaliana

- Flower ref: [ATFO]
- Meiotic bud ref: [ATMB]
- Mixed leaves, TYMV infected, flg22 infiltrated ref: [AIFT]
- Organ boundary cells of inflorescence ref: [ATOBC]
- Rosette leaf, P. syringae infected ref: [AIPS]
- Seedling (one-week old) ref: [ATH]

Barley (*Hordeum vulgare*)

- 7-day old seedling leaf, Blumeria graminis f. sp. Hordei infected ref: [HVMI]
- Seedling leaves ref: [HVSLT]

***Brachypodium distachyon* – Root and shoot ref: [BMDN]**

Corn (*Zea mays*)

TISSUES

- Endosperm ref: [ZMEN]
- Immature ear and tassel inflorescence primordia, vegetative apices ref: [MAET]
- Kernel ref: [ZEMAK]
- Leaf and ovary ref: [MALO]

CELLS

- Transcription factor collection ref: [CTF]

Grape (*Vitis riparia*) – Leaf ref: [VIRIF]

***Kalanchoe laxiflora* – Leaf ref: [KALAX]**

***Marchantia paleacea* – Thalli (10-weeks old) ref: [MAPOT_RP]**

***Marchantia polymorpha* – Mixed tissues ref: [MAPA]**

Medicago truncatula

- Root ref: [METRO]
- Root, A. euteiches infected ref: [MOTA]
- Whole plant and root, A. euteiches infected ref: [MTA17]
- Medicago truncatula roots mycorrhized ref: [MTRMY]

Melon (*Cucumis melo*)

- Flower ref: [CMFL]
- Meristem ref: [CUMM]

Morning glory (*Ipomoea nil*) – Petal ref: [IPON]

***Nicotiana benthamiana* – Mixed tissues ref: [NIB]**

Orange (*Citrus sinensis*) – Plant, Las infected ref: [CSIL]

Pea (*Pisum sativum*) – Leaf and stem, ref: [PSLS]

Physcomitrella patens – Protonema and gametophores ref: [PHPA]

Poplar (*Populus tremula*) – L. x *Populus tremuloides* (Leaves and Buds) ref: [ASLB]

Rapeseed (*Brassica napus*) – Leaf, *Leptosphaeria maculans* infected ref: [BNLI]

Rice (*Oryza sativa*) – Leaf and root ref: [RLR]

Setaria viridis – Whole plant ref: [SVIN]

Soybean (*Glycine max*)

- Leaf and root, water stressed ref: [GMLR]
- Leaf, shoot, root, *B. japonicum* inoculated ref: [SSRL]

Tobacco (*Nicotiana tabacum*) – Leaf ref: [NITA]

Tomato (*Solanum lycopersicum*)

- Fruit ref: [TOFT]
- Leaf, petiole, stem and root, TYLCV infected ref: [TOPLI]
- Leaf, stem and petiole ref: [TOLE]
- Meristem, leaf primordia and stem, floral bud ref: [TOM]
- Ovary ref: [TOV]
- Root, *R. solanacearum* and *M. incognita* infected ref: [TORI]

Vitis rotundifolia – *Vitis rotundifolia* Fruit ref: [MURAF]

Wheat (*Triticum aestivum*)

- Head, leaf and root ref: [WHLR]
- Leaf, *Zymoseptoria tritici* inoculated ref: [WLIZT]
- Leaves, infected with powdery mildew and wheat leaf rust ref: [TALSI]
- Wheat infected with *Fusarium graminearum* ref: [WIFG]
- *Triticum aestivum* Cadenza, non-infected and infected with wheat stem rust ref: [TAC]

Wheat (*Triticum turgidum*) – Leaf, peduncle and grain ref: [TTLPG]

Rodents

Mouse (*Mus musculus*)

TISSUES

- Brain adult ref: [AMB]
- Brain embryo (mix of E10.5 and E12.5) ref: [MBE]
- Brain embryo (mix of E14, E16 and E18) ref: [MB6E]
- *Mus musculus* whole cochlea ref: [MCOC]
- Embryonic stem cells (treated with CHIR and bFGF) ref: [MSCT]
- Embryonic stem cells ref: [MESC]
- Inner Ear E16.5 ref: [MOINE]
- Inner Ear ref: [MIE]
- Kidney adult ref: [MKI]
- Kidney embryo ref: [MOKE]
- Neurosphere adult ref: [MANE]
- Ovary ref: [MMO]
- Pancreatic beta-cells ref: [MPC]

- Spleen ref: [MSPL]
- Testis (16dpp) ref: [MUST]
- Corti Organ ref: [MMCO]
- Mouse Postnatal day 7 lungs ref: [MMPLG]
- Mus musculus whole cochlea ref: [MCOC]

Rat (*Rattus norvegicus*)

- Hippocampus ref: [RHC]
- Rear brain ref: [RBP]

Insects

Drosophila melanogaster

- Adult head ref: [DMT]
- Embryo (0-12h and 12-24h) ref: [DME]
- Larvae brain ref: [DMLB]
- Ovary ref: [DMOV]
- Testis ref: [DMTES]
- Third instar larvae ref: [DLTS]

Tiger mosquito (*Aedes albopictus*) – Larvae cells ref: [AALC]

Green peach aphid – *Myzus persicae* ref: [MYPE]

Nasonia vitripennis – Ovary and Testis ref: [NVOT]

Other Model Organisms

Caenorhabditis elegans

- Embryo ref: [CEE]
- Mixed stages ref: [CEMS]

Dictyostelium discoideum – Vegetative, aggregative & slug stages ref: [DD]

Gallus gallus – Lung ref: [GALU]

Xenopus laevis – Embryo ref: [XLE]

Fungi

- *Magnaporthe oryzae* ref: [MAOR]
- *Botrytis cinerea* strain BO5.10 ref: [BOCI]

Parasites

Toxoplasma gondii – Strain wild-type RH ref: [TGRH]

***Trypanosoma brucei* (genomic library)** – Strain TREU927 ref: [TB]

Wheat Curl Mite – *Aceria tosichella* ref: [WCM]

Schistosoma mansoni – Whole Organism ref: [SMAN]

Fish

Medaka (*Oryzias latipes*) – Embryo ref: [OLE]

Rainbow trout (*Oncorhynchus mykiss*) – Embryonic male gonads ref: [ONMY]

Zebrafish (*Danio rerio*) – Embryo ref: [ZFE]

Algae

Chlamydomonas reinhardtii – Strain CC-124 ref: [CHRE]

Mesotaenium endlicherianum – Meso endlicherianum vegetative cells ref: [MEVE]

Ectocarpus sp.7 – Ec32 (male) and Ec25 (female) ref: [ECGA]

Yeast

Schizosaccharomyces pombe (cDNA library) – S. pombe ref: [SAPO]

Xanthophyllomyces dendrorhous – Cells ref: [XADE]

Fungus

Podospora anserina – Cells ref: [POANA]