

List of Available Domain Libraries for ULTimate Y1H, Y2H and Y3H (June 2010)

Human cDNA random-primed

Tissues

- › Brain Adult (Whole)
- › Brain Fetal (20 weeks)
- › Breast Normal (Glandular)
- › Colon
- › Heart Adult/Fetal
(Adult left ventricle + Fetal 19 weeks)
- › Liver
- › Lung
- › Muscle Skeletal Adult/Fetal (18-19wks)
- › Placenta
- › Skin Reconstituted
(Keratinocytes grown on a collagen base)
- › Testis
- › Pancreas (Whole normal pancreas)

Primary cells

- › Fibroblasts
- › Leukocytes + Activated Mononuclear Cells
- › Melanocytes
- › Thymocytes (CD4+, CD8+)

Cell lines

- › Bone Marrow Endothelial Cells (HBMEC*)
- › Breast Tumor Epithelial Cells
(T47D, MDA-MB-468, MCF7, BT20)
- › Brown Adipocytes (Differentiated PAZ6**)
- › Pre-Adipocytes (Undifferentiated PAZ6**)
- › T-cells (CEMC7)

Rodent cDNA random-primed

- › Mouse Brain Adult
- › Mouse Brain Embryo (E10.5 E12.5)
- › Mouse Inner Ear (Vestibular sensory epithelia)
- › Mouse Kidney
- › Mouse Pancreas Beta-Cells
- › Rat Rear Brain
(Substantia nigra/VTA, mesencephalum)
- › Rat Hippocampus

Model organism cDNA random-primed

- › *Caenorhabditis elegans* Mixed Stages
(Embryo, L1 to L4, dauer larvae, and adult stages from males + hermaphrodites ; pool of unstressed, heat-shocked and starved populations)
- › *Caenorhabditis elegans* Embryos
(N2 Bristol strain)
- › *Danio rerio* Embryo (Stages 18-20 hpf)
- › *Dictyostelium discoideum*
(Vegetative, aggregative and slug)
- › *Drosophila melanogaster* Embryo
(Whole, pool of stages 0-12h and 12-24h)
- › *Drosophila melanogaster* Head (Adult)
- › *Oryzias latipes* (Medaka)

Plant cDNA random-primed

- › *Arabidopsis thaliana* Seedlings
(One-week old seedlings)
- › *Arabidopsis thaliana* (Flowers)
- › *Nicotiana benthamiana*
- › *Solanum lycopersicum*
(Tomato, fruits)

Yeast

- › *Saccharomyces cerevisiae* (Genomic)
- › *Schizosaccharomyces pombe* (cDNA)

Bacteria genomic

- › *Helicobacter pylori*
- › *Escherichia coli*
- › *Staphylococcus aureus*
- › *Streptococcus pneumoniae*
- › *Streptococcus pyogenes*

Parasites and hosts

- › *Trypanosoma brucei* (Genomic)
- › *Aedes albopictus* (cDNA)

If you are interested in a specific library not currently listed, please contact us to discuss feasibility of custom-made libraries!

* Schweitzer *et al.* Lab Invest. 1997, 76:25-36

** Zilberfarb *et al.* J Cell Sci 1997, 110:801-7