



MMHCC Newsletter October 2009

MouseLine

Request for Information (RFI): Phenotyping Knockout Mice

Notice Number: NOT-HG-10-005

Key Dates

Release Date: September 24, 2009

Response Date: October 15, 2009



Issued by

National Human Genome Research Institute (NHGRI), <http://www.nhgri.nih.gov>

National Center for Research Resources (NCRR), <http://www.ncrr.nih.gov>

Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD),
<http://nichd.nih.gov>

Description

The purpose of this RFI is to seek input and feedback from the scientific community in order to inform and guide future large-scale phenotyping of knockout mice. Specifically, the NIH is seeking advice and recommendations on the scope, depth, and breadth of a phenotyping effort, and to provide rationale and justification on how this effort would benefit research.

Information Requested

For the purposes of this survey, assume that a high throughput phenotyping effort will go forward on all genes over a ten year period. The goal of the survey is to ascertain what area-specific information researchers would need from a primary phenotype screen to enhance research efforts and advance the field of study in their area of interest.

The NIH is requesting feedback and input on the following 5 areas:

1. What are the essential tests, analyses, and/or examinations, and under what conditions and environments (basal and/or challenge) would the utility of a mutant mouse line be revealed, convincing you to obtain that mouse line for further hypothesis-driven analysis in your research laboratory?
2. What phenotypes would motivate you to take mice and begin work on them in your own lab?
3. A fundamental question is the value of naïve and/or challenge models. Are there challenge models that would be more effective as a screen for your work than baseline phenotyping?





4. Should knockouts be selected for specific assays or should we test all lines in all assays? If the former, how would such selection be accomplished?

5. If you had financial support, would you be willing supervise a person to mine the data and identify mutant mouse lines that your lab would use for more sophisticated, in-depth analysis?

6. How would you value an NIH-subsidized program of standardized phenotypes in a high throughput manner, at a lower cost per gene and encompassing more fields than individual labs could perform? Would the availability of data (regardless of the outcome of the experiment) be of benefit to the larger community? Would this effort help individual PIs focus on custom phenotyping of fewer but very relevant genes? Approximately what range of costs does your lab invest in phenotyping, with or without challenges (please include all personnel and overhead cost, as well as mouse production)?

How to Submit a Response

Responses will be accepted through October 15, 2009. Responses by e-mail are strongly preferred. Please use the address fletcher2@mail.nih.gov to submit a response. The submitted information will be assembled, analyzed, summarized, and presented at an October 2009 meeting of KOMP grant participants, scientific advisors, NIH program staff, and invited members of the research community.

Inquiries

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Source: <http://grants.nih.gov/grants/guide/notice-files/NOT-HG-10-005.html>

Meetings

October 8 – 11, 2009

AACR-Frontiers in Basic Cancer Research

Boston, Massachusetts

Meeting Information: <http://www.aacr.org/home/scientists/meetings--workshops/frontiers-in-basic-cancer-research.aspx>

October 11 – 16, 2009

Workshop on Surgical Techniques in the Laboratory Mouse

Bar Harbor, Maine

Meeting Information: <http://courses.jax.org/current.html>



To unsubscribe from this newsletter please send an email to Dr. Betty Tarnowski tarnowsb@mail.nih.gov. Send meeting announcements and other information you would like to have included in this newsletter to Ulli Wagner: ulrike@mail.nih.gov





October 13 – 14, 2009

CHI's-Accelerating Proof of Concept: Driving a More Productive Drug Development Pipeline

Boston, Massachusetts

Meeting Information: <http://www.healthtech.com/dps>

October 13 – 16, 2009

AACR-Advances in Breast Cancer Research: Genetics, Biology, and Clinical Applications

San Diego, California

Meeting Information: <http://www.aacr.org/home/scientists/meetings--workshops/special-conferences/advances-in-breast-cancer-research.aspx>

October 15 – 16, 2009

CHI's-Inaugural Mechanism of Action

Boston, Massachusetts

Meeting Information: <http://www.healthtech.com/moa>

October 19 – 26, 2009

Short Course on Systems Genetics

Bar Harbor, Maine

Meeting Information: <http://courses.jax.org/2009/systemgenetics09.html>

October 20 – 24, 2009

AACR-5th International Conference on Tumor Microenvironment: Progression, Therapy and Prevention

Versailles, France

Meeting Information: <http://www.aacr.org/home/scientists/meetings--workshops/meetings--workshops-calendar.aspx>

November 1 – 4, 2009

23rd International Mammalian Genome Conference (IMGC)

La Jolla, California

Meeting Information: <http://www.mammaliangenomeconference.com>

November 2 – 3, 2009

CHI's-3rd International HDAC Inhibitors: Developing Molecules for Targeting Oncology and More

Boston, Massachusetts

Meeting Information: <http://www.discoveryontarget.com/hdc>

November 2 – 4, 2009

CHI's-7th Annual Discovery on Target: Track 1: RNAi For Screening Cellular Pathways and Targets

Boston, Massachusetts

Meeting Information: <http://www.discoveryontarget.com/rnid>





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November 3 – 4, 2009

CHI's-3rd Annual Kinase Inhibitors: Moving from Discovery to Development

Boston, Massachusetts

Meeting Information: <http://www.discoveryontarget.com/kit>

November 3 – 4, 2009

CHI's-2nd Annual Targeting Diabetes with Novel Therapeutics: Advancing Clinical Candidates

Boston, Massachusetts

Meeting Information: <http://www.discoveryontarget.com/dbr>

November 5 – 6, 2009

Advances in Metabolic Profiling, European Biomarkers Summit, Proteomics Europe and Mass Spec Europe
Barcelona, SPAIN

Meeting Information: <http://www.selectbiosciences.com/conferences/AMP2009/>

Notices and Funding Opportunities

IACUC 101 and 201 PLUS Workshops: October 7-8, 2009 in Chicago, IL

NOT-OD-09-148

National Institutes of Health

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-148.html>

SCAW IACUC-Advanced Workshop: October 20, 2009 in Notre Dame, IN

NOT-OD-09-153

National Institutes of Health

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-153.html>

NIH Blueprint for Neuroscience Research Competitive Revisions for Studies Focused on Neuropathic Pain or Neural Plasticity to Promote Collaborative Pain Research (R01)

PAR-09-264

Multiple Institutes

<http://grants.nih.gov/grants/guide/pa-files/PAR-09-264.html>

Drug Discovery for Nervous System Disorders (R21)

PAR-10-002

National Institute of Mental Health

National Institute on Aging

National Institute on Alcohol Abuse and Alcoholism

National Institute on Drug Abuse

<http://grants.nih.gov/grants/guide/pa-files/PAR-10-002.html>



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have included in this newsletter to Ulli Wagner: urike@mail.nih.gov





Specialized Programs of Research Excellence (SPOREs) in Human Cancer for Years 2010, 2011 and 2012 (P50)

PAR-10-003

National Cancer Institute

National Institute of Dental and Craniofacial Research

National Institute of Neurological Disorders and Stroke

<http://grants.nih.gov/grants/guide/pa-files/PAR-10-003.html>

What's new in caMOD

The following models have been approved for public display since the last newsletter was published. Visit <http://cancermodels.nci.nih.gov> to learn more about these new models.

50062035	Anti-vascular effects of vinflunine in the MAC 15A transplantable adenocarcinoma model.	Mouse
150062865	Real-Time Intravital Imaging of RGD-Quantum Dot Binding to Luminal Endothelium in Mouse Tumor Neovasculature	Mouse
150062781	Identification of tumor-initiating cells in a p53-null mouse model of breast cancer	Mouse
50062230	Brca1 +/-; p53 +/- irradiated	Mouse
50062251	p53 +/- irradiated	Mouse
150062952	Molecularly targeted nanocarriers deliver the cytolytic peptide melittin to MDA-MB-435 tumor cells in mice, reducing tumor growth	Mouse
150062962	Molecularly targeted nanocarriers deliver the cytolytic peptide melittin to syngeneic B16F10 mouse melanoma tumors, reducing tumor growth	Mouse
150062972	Molecularly targeted nanocarriers deliver the cytolytic peptide melittin to transgenic K14-HPV16 mice, reducing tumor growth	Mouse

News from the Knock Out Mouse Project (KOMP)

The KOMP Repository is the official archive and distribution center for the Knockout Mouse Project (KOMP), a major 5-year trans-NIH initiative designed to generate null alleles in C57BL/6 embryonic stem (ES) cells for most genes not already available as knockout mice. Nearly 8500 genes are targeted for deletion, most in a conditional-ready format, by mutagenesis teams at "CSD" (Childrens Hospital of Oakland Research Institute, The Sanger Institute, and UC Davis) and at Regeneron, Inc. You can obtain targeting vectors, ES cells, mice, and germplasm, as well as microinjection, genotyping, cryopreservation, breeding, and other services quickly and at reasonable cost to help you with your research project.

<http://www.komp.org>

Please find the list of recently released strains attached to this newsletter.



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caBIG[®] Tools

caBench-to-Bedside (caB2B)

cancer Bench-to-Beside - caB2B - is an open-source, secure query tool that permits translational research scientists to search and combine data from virtually any caGrid data service.

The caB2B suite is composed of three core components: the Web application, the Client Application and the Administrative Module. The caB2B Web Application provides query templates that allow easy search and retrieval of microarray data (from caArray), imaging data (from the National Biomedical Imaging Archive (NBIA)), specimen data (from caTissue) and nanoparticle data (from caNanoLab) across the grid. Searches can be performed on selected locations using either form-based or keyword searches and data can be exported in the CSV format.

The caBench-to-Bedside (caB2B) team just announced the availability of the **caB2B 3.1 Web Application**. The caB2B Web Application is an extension to the existing caB2B Suite and allows users to search data services across the caGrid using preconfigured keyword and form-based queries, based on common use cases. These preconfigured queries have been created using the caB2B Suite components and local installers may also import the metadata for any other caGrid data service and create new queries for their instance of the caB2B Web Application.

The caB2B Web Application is available for community use at <https://cab2b.wustl.edu/cab2b> (Washington University instance) and <https://cab2b.nci.nih.gov/cab2b> (NCI instance).

Additional Information can be found at <https://cabig.nci.nih.gov/tools/caB2B>

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symbol	gene name	URL	released
March4	membrane-associated ring finger (C3HC4) 4	http://www.komp.org/geneinfo.php?geneid=67733	8/25/2009
Sept3	septin 3	http://www.komp.org/geneinfo.php?geneid=78522	8/25/2009
1500010J02Rik	RIKEN cDNA 1500010J02 gene	http://www.komp.org/geneinfo.php?geneid=1795	8/25/2009
1700020O03Rik	RIKEN cDNA 1700020O03 gene	http://www.komp.org/geneinfo.php?geneid=2553	8/25/2009
1700026J04Rik	RIKEN cDNA 1700026J04 gene	http://www.komp.org/geneinfo.php?geneid=2693	8/25/2009
1700034H14Rik	RIKEN cDNA 1700034H14 gene	http://www.komp.org/geneinfo.php?geneid=2843	8/25/2009
1700049K14Rik	RIKEN cDNA 1700049K14 gene	http://www.komp.org/geneinfo.php?geneid=2974	8/25/2009
2200002K05Rik	RIKEN cDNA 2200002K05 gene	http://www.komp.org/geneinfo.php?geneid=4361	8/25/2009
2310002L13Rik	RIKEN cDNA 2310002L13 gene	http://www.komp.org/geneinfo.php?geneid=4692	8/25/2009
2410017P07Rik	RIKEN cDNA 2410017P07 gene	http://www.komp.org/geneinfo.php?geneid=5557	8/25/2009
2410127L17Rik	RIKEN cDNA 2410127L17 gene	http://www.komp.org/geneinfo.php?geneid=5703	8/25/2009
2900006K08Rik	RIKEN cDNA 2900006K08 gene	http://www.komp.org/geneinfo.php?geneid=7355	8/25/2009
4631416L12Rik	RIKEN cDNA 4631416L12 gene	http://www.komp.org/geneinfo.php?geneid=8535	8/25/2009
4833442J19Rik	RIKEN cDNA 4833442J19 gene	http://www.komp.org/geneinfo.php?geneid=8969	8/25/2009
4930403N07Rik	RIKEN cDNA 4930403N07 gene	http://www.komp.org/geneinfo.php?geneid=9261	8/25/2009
4930430D24Rik	RIKEN cDNA 4930430D24 gene	http://www.komp.org/geneinfo.php?geneid=9464	8/25/2009
4932442L08Rik	RIKEN cDNA 4932442L08 gene	http://www.komp.org/geneinfo.php?geneid=10937	8/25/2009
7420426K07Rik	RIKEN cDNA 7420426K07 gene	http://www.komp.org/geneinfo.php?geneid=13318	8/25/2009
9030208C03Rik	RIKEN cDNA 9030208C03 gene	http://www.komp.org/geneinfo.php?geneid=13576	8/25/2009
9930021J03Rik	RIKEN cDNA 9930021J03 gene	http://www.komp.org/geneinfo.php?geneid=14640	8/25/2009
A330008L17Rik	RIKEN cDNA A330008L17 gene	http://www.komp.org/geneinfo.php?geneid=14998	8/25/2009
Acsf3	acyl-CoA synthetase family member 3	http://www.komp.org/geneinfo.php?geneid=29294	8/25/2009
Acvr1b	activin A receptor, type 1B	http://www.komp.org/geneinfo.php?geneid=18261	8/25/2009
Adamts5	a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 5 (aggrecanase-2)	http://www.komp.org/geneinfo.php?geneid=18336	8/25/2009
Adamts13	ADAMTS-like 3	http://www.komp.org/geneinfo.php?geneid=18343	8/25/2009
Adsl	adenylosuccinate lyase	http://www.komp.org/geneinfo.php?geneid=18486	8/25/2009
Aig1	androgen-induced 1	http://www.komp.org/geneinfo.php?geneid=22545	8/25/2009
Aqp3	aquaporin 3	http://www.komp.org/geneinfo.php?geneid=23575	8/25/2009
Arl13a	ADP-ribosylation factor-like 13A	http://www.komp.org/geneinfo.php?geneid=23721	8/25/2009
Ascl2	achaete-scute complex homolog 2 (Drosophila)	http://www.komp.org/geneinfo.php?geneid=23873	8/25/2009
Atf1	activating transcription factor 1	http://www.komp.org/geneinfo.php?geneid=23963	8/25/2009
B3gnt1	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1	http://www.komp.org/geneinfo.php?geneid=28184	8/25/2009
BC061194	cDNA sequence BC061194	http://www.komp.org/geneinfo.php?geneid=29867	8/25/2009
BC067074	cDNA sequence BC067074	http://www.komp.org/geneinfo.php?geneid=29911	8/25/2009
Bdkrb1	bradykinin receptor, beta 1	http://www.komp.org/geneinfo.php?geneid=30012	8/25/2009
Brs3	bombesin-like receptor 3	http://www.komp.org/geneinfo.php?geneid=30583	8/25/2009
C030019I05Rik	RIKEN cDNA C030019I05 gene	http://www.komp.org/geneinfo.php?geneid=30878	8/25/2009

Cacna1f	calcium channel, voltage-dependent, alpha 1F subunit	http://www.komp.org/geneinfo.php?geneid=32897	8/25/2009
Calm3	calmodulin 3	http://www.komp.org/geneinfo.php?geneid=32965	8/25/2009
Car7	carbonic anhydrase 7	http://www.komp.org/geneinfo.php?geneid=33079	8/25/2009
Ccbp2	chemokine binding protein 2	http://www.komp.org/geneinfo.php?geneid=33234	8/25/2009
Ccdc134	coiled-coil domain containing 134	http://www.komp.org/geneinfo.php?geneid=5075	8/25/2009
Ccl7	chemokine (C-C motif) ligand 7	http://www.komp.org/geneinfo.php?geneid=33387	8/25/2009
Cct8l1	chaperonin containing TCP1, subunit 8 (theta)-like 1	http://www.komp.org/geneinfo.php?geneid=60513	8/25/2009
Cd109	CD109 antigen	http://www.komp.org/geneinfo.php?geneid=33490	8/25/2009
Cd1d1	CD1d1 antigen	http://www.komp.org/geneinfo.php?geneid=33509	8/25/2009
Cd226	CD226 antigen	http://www.komp.org/geneinfo.php?geneid=33527	8/25/2009
Cd44	CD44 antigen	http://www.komp.org/geneinfo.php?geneid=33583	8/25/2009
Cd74	CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated)	http://www.komp.org/geneinfo.php?geneid=33611	8/25/2009
Cdc20	cell division cycle 20 homolog (S. cerevisiae)	http://www.komp.org/geneinfo.php?geneid=33648	8/25/2009
Cdk4	cyclin-dependent kinase 4	http://www.komp.org/geneinfo.php?geneid=33747	8/25/2009
Ceacam3	carcinoembryonic antigen-related cell adhesion molecule 3	http://www.komp.org/geneinfo.php?geneid=89480	8/25/2009
Ces6	carboxylesterase 6	http://www.komp.org/geneinfo.php?geneid=33938	8/25/2009
Chst11	carbohydrate sulfotransferase 11	http://www.komp.org/geneinfo.php?geneid=34167	8/25/2009
Ckt2	CKT2 protein	http://www.komp.org/geneinfo.php?geneid=34315	8/25/2009
Cldn19	claudin 19	http://www.komp.org/geneinfo.php?geneid=34372	8/25/2009
Clrn1	clarin 1	http://www.komp.org/geneinfo.php?geneid=85793	8/25/2009
Col10a1	collagen, type X, alpha 1	http://www.komp.org/geneinfo.php?geneid=34672	8/25/2009
Col19a1	collagen, type XIX, alpha 1	http://www.komp.org/geneinfo.php?geneid=34682	8/25/2009
Cript	cysteine-rich PDZ-binding protein	http://www.komp.org/geneinfo.php?geneid=35033	8/25/2009
Ctdp1	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) phosphatase, subunit 1	http://www.komp.org/geneinfo.php?geneid=35248	8/25/2009
Cul3	cullin 3	http://www.komp.org/geneinfo.php?geneid=35360	8/25/2009
Cxx1c	CAAX box 1 homolog C (human)	http://www.komp.org/geneinfo.php?geneid=35403	8/25/2009
Cytl1	cytokine-like 1	http://www.komp.org/geneinfo.php?geneid=35600	8/25/2009
D10Wsu102e	DNA segment, Chr 10, Wayne State University 102, expressed	http://www.komp.org/geneinfo.php?geneid=36748	8/25/2009
D1Pas1	DNA segment, Chr 1, Pasteur Institute 1	http://www.komp.org/geneinfo.php?geneid=44882	8/25/2009
Dcp2	DCP2 decapping enzyme homolog (S. cerevisiae)	http://www.komp.org/geneinfo.php?geneid=53674	8/25/2009
Deb1	differentially expressed in B16F10 1	http://www.komp.org/geneinfo.php?geneid=53781	8/25/2009
Defb14	defensin beta 14	http://www.komp.org/geneinfo.php?geneid=53798	8/25/2009
Defb43	defensin beta 43	http://www.komp.org/geneinfo.php?geneid=89647	8/25/2009

Dnajc7	DnaJ (Hsp40) homolog, subfamily C, member 7	http://www.komp.org/geneinfo.php?geneid=54361	8/25/2009
Dner	delta/notch-like EGF-related receptor	http://www.komp.org/geneinfo.php?geneid=54389	8/25/2009
Dock11	dedicator of cytokinesis 11	http://www.komp.org/geneinfo.php?geneid=54429	8/25/2009
Drd5	dopamine receptor 5	http://www.komp.org/geneinfo.php?geneid=54572	8/25/2009
Dusp6	dual specificity phosphatase 6	http://www.komp.org/geneinfo.php?geneid=54695	8/25/2009
Efcab6	EF-hand calcium binding domain 6	http://www.komp.org/geneinfo.php?geneid=10762	8/25/2009
Efemp2	epidermal growth factor-containing fibulin-like extracellular matrix protein 2	http://www.komp.org/geneinfo.php?geneid=56423	8/25/2009
Eln	elastin	http://www.komp.org/geneinfo.php?geneid=56656	8/25/2009
Emp2	epithelial membrane protein 2	http://www.komp.org/geneinfo.php?geneid=56716	8/25/2009
Eps81	EPS8-like 1	http://www.komp.org/geneinfo.php?geneid=57034	8/25/2009
Ercc1	excision repair cross-complementing rodent repair deficiency, complementation group 1	http://www.komp.org/geneinfo.php?geneid=57063	8/25/2009
Exog	endo/exonuclease (5'-3'), endonuclease G-like	http://www.komp.org/geneinfo.php?geneid=56867	8/25/2009
F13a1	coagulation factor XIII, A1 subunit	http://www.komp.org/geneinfo.php?geneid=57479	8/25/2009
Fam154b	family with sequence similarity 154, member B	http://www.komp.org/geneinfo.php?geneid=3499	8/25/2009
Fam167a	family with sequence similarity 167, member A	http://www.komp.org/geneinfo.php?geneid=29892	8/25/2009
Fam193b	family with sequence similarity 193, member B	http://www.komp.org/geneinfo.php?geneid=29285	8/25/2009
Fam3c	family with sequence similarity 3, member C	http://www.komp.org/geneinfo.php?geneid=50694	8/25/2009
Fam43a	family with sequence similarity 43, member A	http://www.komp.org/geneinfo.php?geneid=29313	8/25/2009
Fam55b	family with sequence similarity 55, member B	http://www.komp.org/geneinfo.php?geneid=8497	8/25/2009
Fam71e2	family with sequence similarity 71, member E2	http://www.komp.org/geneinfo.php?geneid=9231	8/25/2009
Fbxl12	F-box and leucine-rich repeat protein 12	http://www.komp.org/geneinfo.php?geneid=57723	8/25/2009
Foxc2	forkhead box C2	http://www.komp.org/geneinfo.php?geneid=58219	8/25/2009
Gcm2	glial cells missing homolog 2 (Drosophila)	http://www.komp.org/geneinfo.php?geneid=58829	8/25/2009
Gja3	gap junction protein, alpha 3	http://www.komp.org/geneinfo.php?geneid=59010	8/25/2009
Gm614	predicted gene 614	http://www.komp.org/geneinfo.php?geneid=60703	8/25/2009
Gm648	predicted gene 648	http://www.komp.org/geneinfo.php?geneid=60740	8/25/2009
Gosr1	golgi SNAP receptor complex member 1	http://www.komp.org/geneinfo.php?geneid=61250	8/25/2009
Gp1bb	glycoprotein Ib, beta polypeptide	http://www.komp.org/geneinfo.php?geneid=61262	8/25/2009
Gpr101	G protein-coupled receptor 101	http://www.komp.org/geneinfo.php?geneid=61354	8/25/2009
Gpr77	G protein-coupled receptor 77	http://www.komp.org/geneinfo.php?geneid=61468	8/25/2009

Grm8	glutamate receptor, metabotropic 8	http://www.komp.org/geneinfo.php?geneid=61607	8/25/2009
Hey1	hairy/enhancer-of-split related with YRPW motif 1	http://www.komp.org/geneinfo.php?geneid=62687	8/25/2009
Hint2	histidine triad nucleotide binding protein 2	http://www.komp.org/geneinfo.php?geneid=62757	8/25/2009
Hn1	hematological and neurological expressed sequence 1	http://www.komp.org/geneinfo.php?geneid=63147	8/25/2009
Hoxa3	homeo box A3	http://www.komp.org/geneinfo.php?geneid=63275	8/25/2009
Hs3st5	heparan sulfate (glucosamine) 3-O-sulfotransferase 5	http://www.komp.org/geneinfo.php?geneid=63439	8/25/2009
Hspa5	heat shock protein 5	http://www.komp.org/geneinfo.php?geneid=63544	8/25/2009
Htr1a	5-hydroxytryptamine (serotonin) receptor 1A	http://www.komp.org/geneinfo.php?geneid=63613	8/25/2009
Htr7	5-hydroxytryptamine (serotonin) receptor 7	http://www.komp.org/geneinfo.php?geneid=63634	8/25/2009
Hyal5	hyaluronoglucosaminidase 5	http://www.komp.org/geneinfo.php?geneid=63684	8/25/2009
Id1	inhibitor of DNA binding 1	http://www.komp.org/geneinfo.php?geneid=64076	8/25/2009
Ifnb1	interferon beta 1, fibroblast	http://www.komp.org/geneinfo.php?geneid=64242	8/25/2009
Il15ra	interleukin 15 receptor, alpha chain	http://www.komp.org/geneinfo.php?geneid=64552	8/25/2009
Il18bp	interleukin 18 binding protein	http://www.komp.org/geneinfo.php?geneid=64569	8/25/2009
Il1b	interleukin 1 beta	http://www.komp.org/geneinfo.php?geneid=64574	8/25/2009
Il21r	interleukin 21 receptor	http://www.komp.org/geneinfo.php?geneid=64598	8/25/2009
Il6ra	interleukin 6 receptor, alpha	http://www.komp.org/geneinfo.php?geneid=64634	8/25/2009
Irx6	Iroquois related homeobox 6 (Drosophila)	http://www.komp.org/geneinfo.php?geneid=65017	8/25/2009
Kcna3	potassium voltage-gated channel, shaker-related subfamily, member 3	http://www.komp.org/geneinfo.php?geneid=65299	8/25/2009
Kif13a	kinesin family member 13A	http://www.komp.org/geneinfo.php?geneid=65476	8/25/2009
Kif20b	kinesin family member 20B	http://www.komp.org/geneinfo.php?geneid=69087	8/25/2009
Kpna6	karyopherin (importin) alpha 6	http://www.komp.org/geneinfo.php?geneid=65753	8/25/2009
Lalba	lactalbumin, alpha	http://www.komp.org/geneinfo.php?geneid=66245	8/25/2009
Lce3c	late cornified envelope 3C	http://www.komp.org/geneinfo.php?geneid=80146	8/25/2009
Lepr	leptin receptor	http://www.komp.org/geneinfo.php?geneid=66472	8/25/2009
Leprel2	leprecan-like 2	http://www.komp.org/geneinfo.php?geneid=66475	8/25/2009
Lhcgr	lutetizing hormone/choriogonadotropin receptor	http://www.komp.org/geneinfo.php?geneid=66547	8/25/2009
Lhx6	LIM homeobox protein 6	http://www.komp.org/geneinfo.php?geneid=66560	8/25/2009
Lilrb3	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3	http://www.komp.org/geneinfo.php?geneid=66576	8/25/2009
Lpar6	lysophosphatidic acid receptor 6	http://www.komp.org/geneinfo.php?geneid=73335	8/25/2009
Lrrc14b	leucine rich repeat containing 14B	http://www.komp.org/geneinfo.php?geneid=21229	8/25/2009
Lrrc67	leucine rich repeat containing 67	http://www.komp.org/geneinfo.php?geneid=9372	8/25/2009

Ltbr	lymphotoxin B receptor	http://www.komp.org/geneinfo.php?geneid=67054	8/25/2009
Lyve1	lymphatic vessel endothelial hyaluronan receptor 1	http://www.komp.org/geneinfo.php?geneid=86686	8/25/2009
Map3k13	mitogen-activated protein kinase kinase kinase 13	http://www.komp.org/geneinfo.php?geneid=67676	8/25/2009
Map4k2	mitogen-activated protein kinase kinase kinase 2	http://www.komp.org/geneinfo.php?geneid=67691	8/25/2009
Mettl3	methyltransferase like 3	http://www.komp.org/geneinfo.php?geneid=68123	8/25/2009
Mlycd	malonyl-CoA decarboxylase	http://www.komp.org/geneinfo.php?geneid=68786	8/25/2009
Mmp9	matrix metalloproteinase 9	http://www.komp.org/geneinfo.php?geneid=68822	8/25/2009
Mns1	meiosis-specific nuclear structural protein 1	http://www.komp.org/geneinfo.php?geneid=68906	8/25/2009
Mpdu1	mannose-P-dolichol utilization defect 1	http://www.komp.org/geneinfo.php?geneid=69081	8/25/2009
Msl3	male-specific lethal 3 homolog (Drosophila)	http://www.komp.org/geneinfo.php?geneid=69575	8/25/2009
Mybph	myosin binding protein H	http://www.komp.org/geneinfo.php?geneid=69954	8/25/2009
Nab1	Ngfi-A binding protein 1	http://www.komp.org/geneinfo.php?geneid=70132	8/25/2009
Ndst3	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 3	http://www.komp.org/geneinfo.php?geneid=70320	8/25/2009
Nefl	neurofilament, light polypeptide	http://www.komp.org/geneinfo.php?geneid=70389	8/25/2009
Nfe2l3	nuclear factor, erythroid derived 2, like 3	http://www.komp.org/geneinfo.php?geneid=70462	8/25/2009
Nxn1	nucleoredoxin-like 1	http://www.komp.org/geneinfo.php?geneid=85451	8/25/2009
Nxph4	neurexophilin 4	http://www.komp.org/geneinfo.php?geneid=71238	8/25/2009
Oas1e	2'-5' oligoadenylate synthetase 1E	http://www.komp.org/geneinfo.php?geneid=71270	8/25/2009
Olig1	oligodendrocyte transcription factor 1	http://www.komp.org/geneinfo.php?geneid=73023	8/25/2009
Osbpl8	oxysterol binding protein-like 8	http://www.komp.org/geneinfo.php?geneid=73191	8/25/2009
Otud7a	OTU domain containing 7A	http://www.komp.org/geneinfo.php?geneid=73273	8/25/2009
Oxt	oxytocin	http://www.komp.org/geneinfo.php?geneid=73310	8/25/2009
Oxtr	oxytocin receptor	http://www.komp.org/geneinfo.php?geneid=73311	8/25/2009
P2rx3	purinergic receptor P2X, ligand-gated ion channel, 3	http://www.komp.org/geneinfo.php?geneid=73323	8/25/2009
Panx1	pannexin 1	http://www.komp.org/geneinfo.php?geneid=73452	8/25/2009
Paox	polyamine oxidase (exo-N4-amino)	http://www.komp.org/geneinfo.php?geneid=73455	8/25/2009
Papolb	poly (A) polymerase beta (testis specific)	http://www.komp.org/geneinfo.php?geneid=73463	8/25/2009
Pde1c	phosphodiesterase 1C	http://www.komp.org/geneinfo.php?geneid=73843	8/25/2009
Pfkfb2	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2	http://www.komp.org/geneinfo.php?geneid=74053	8/25/2009
Pigc	phosphatidylinositol glycan anchor biosynthesis, class C	http://www.komp.org/geneinfo.php?geneid=74290	8/25/2009
Plac1l	placenta-specific 1-like	http://www.komp.org/geneinfo.php?geneid=84349	8/25/2009
Plin5	perilipin 5	http://www.komp.org/geneinfo.php?geneid=5318	8/25/2009
Pomgnt1	protein O-linked mannose beta1,2-N-acetylglucosaminyltransferase	http://www.komp.org/geneinfo.php?geneid=74981	8/25/2009

Por	P450 (cytochrome) oxidoreductase	http://www.komp.org/geneinfo.php?geneid=74997	8/25/2009
Ppm1d	protein phosphatase 1D magnesium-dependent, delta isoform	http://www.komp.org/geneinfo.php?geneid=75097	8/25/2009
Ppp1r12a	protein phosphatase 1, regulatory (inhibitor) subunit 12A	http://www.komp.org/geneinfo.php?geneid=75116	8/25/2009
Ppt2	palmitoyl-protein thioesterase 2	http://www.komp.org/geneinfo.php?geneid=75178	8/25/2009
Prelp	proline arginine-rich end leucine-rich repeat	http://www.komp.org/geneinfo.php?geneid=75265	8/25/2009
Prok2	prokineticin 2	http://www.komp.org/geneinfo.php?geneid=75406	8/25/2009
Prr7	proline rich 7 (synaptic)	http://www.komp.org/geneinfo.php?geneid=75459	8/25/2009
Ptcd3	pentatricopeptide repeat domain 3	http://www.komp.org/geneinfo.php?geneid=75659	8/25/2009
Ptger1	prostaglandin E receptor 1 (subtype EP1)	http://www.komp.org/geneinfo.php?geneid=75680	8/25/2009
Ptma	prothymosin alpha	http://www.komp.org/geneinfo.php?geneid=75708	8/25/2009
Pwwp2b	PWWP domain containing 2B	http://www.komp.org/geneinfo.php?geneid=75841	8/25/2009
Rasl11a	RAS-like, family 11, member A	http://www.komp.org/geneinfo.php?geneid=76336	8/25/2009
Rassf9	Ras association (RalGDS/AF-6) domain family (N-terminal) member 9	http://www.komp.org/geneinfo.php?geneid=73440	8/25/2009
Rbm15	RNA binding motif protein 15	http://www.komp.org/geneinfo.php?geneid=76609	8/25/2009
Rbm44	RNA binding motif protein 44	http://www.komp.org/geneinfo.php?geneid=60928	8/25/2009
Rbms3	RNA binding motif, single stranded interacting protein	http://www.komp.org/geneinfo.php?geneid=76641	8/25/2009
Rbp4	retinol binding protein 4, plasma	http://www.komp.org/geneinfo.php?geneid=76656	8/25/2009
Rce1	RCE1 homolog, prenyl protein peptidase (<i>S. cerevisiae</i>)	http://www.komp.org/geneinfo.php?geneid=76682	8/25/2009
Reg3g	regenerating islet-derived 3 gamma	http://www.komp.org/geneinfo.php?geneid=76767	8/25/2009
Reps1	RalBP1 associated Eps domain containing protein	http://www.komp.org/geneinfo.php?geneid=76823	8/25/2009
Rin3	Ras and Rab interactor 3	http://www.komp.org/geneinfo.php?geneid=77046	8/25/2009
Rnaseh2a	ribonuclease H2, large subunit	http://www.komp.org/geneinfo.php?geneid=77175	8/25/2009
Rnf207	ring finger protein 207	http://www.komp.org/geneinfo.php?geneid=46386	8/25/2009
Rnf43	ring finger protein 43	http://www.komp.org/geneinfo.php?geneid=77261	8/25/2009
Rpap3	RNA polymerase II associated protein 3	http://www.komp.org/geneinfo.php?geneid=40527	8/25/2009
Rrs1	RRS1 ribosome biogenesis regulator homolog (<i>S. cerevisiae</i>)	http://www.komp.org/geneinfo.php?geneid=77812	8/25/2009
Rtkn	rhotekin	http://www.komp.org/geneinfo.php?geneid=77894	8/25/2009
Rtn4ip1	reticulon 4 interacting protein 1	http://www.komp.org/geneinfo.php?geneid=77900	8/25/2009
Sbsn	suprabasin	http://www.komp.org/geneinfo.php?geneid=78113	8/25/2009
Sec11c	SEC11 homolog C (<i>S. cerevisiae</i>)	http://www.komp.org/geneinfo.php?geneid=78400	8/25/2009

Sftpa1	surfactant associated protein A1	http://www.komp.org/geneinfo.php?geneid=78727	8/25/2009
Sh2d1b2	SH2 domain protein 1B2	http://www.komp.org/geneinfo.php?geneid=78781	8/25/2009
Sh3bgrl3	SH3 domain binding glutamic acid-rich protein-like 3	http://www.komp.org/geneinfo.php?geneid=78790	8/25/2009
Sh3tc2	SH3 domain and tetratricopeptide repeats 2	http://www.komp.org/geneinfo.php?geneid=78823	8/25/2009
Sidt1	SID1 transmembrane family, member 1	http://www.komp.org/geneinfo.php?geneid=78915	8/25/2009
Slc12a2	solute carrier family 12, member 2	http://www.komp.org/geneinfo.php?geneid=79167	8/25/2009
Slc12a7	solute carrier family 12, member 7	http://www.komp.org/geneinfo.php?geneid=79172	8/25/2009
Slc22a6	solute carrier family 22 (organic anion transporter), member 6	http://www.komp.org/geneinfo.php?geneid=79252	8/25/2009
Slc2a9	solute carrier family 2 (facilitated glucose transporter), member 9	http://www.komp.org/geneinfo.php?geneid=79330	8/25/2009
Slc30a5	solute carrier family 30 (zinc transporter), member 5	http://www.komp.org/geneinfo.php?geneid=79336	8/25/2009
Slc6a17	solute carrier family 6 (neurotransmitter transporter), member 17	http://www.komp.org/geneinfo.php?geneid=79446	8/25/2009
Slc6a3	solute carrier family 6 (neurotransmitter transporter, dopamine), member 3	http://www.komp.org/geneinfo.php?geneid=79451	8/25/2009
Slc6a8	solute carrier family 6 (neurotransmitter transporter, creatine), member 8	http://www.komp.org/geneinfo.php?geneid=79456	8/25/2009
Slc9a3r1	solute carrier family 9 (sodium/hydrogen exchanger), member 3 regulator 1	http://www.komp.org/geneinfo.php?geneid=79481	8/25/2009
Slco6b1	solute carrier organic anion transporter family, member 6b1	http://www.komp.org/geneinfo.php?geneid=79501	8/25/2009
Smad5	MAD homolog 5 (Drosophila)	http://www.komp.org/geneinfo.php?geneid=79612	8/25/2009
Snai1	snail homolog 1 (Drosophila)	http://www.komp.org/geneinfo.php?geneid=79723	8/25/2009
Snopc5	small nuclear RNA activating complex, polypeptide 5	http://www.komp.org/geneinfo.php?geneid=79736	8/25/2009
Spp2	secreted phosphoprotein 2	http://www.komp.org/geneinfo.php?geneid=80121	8/25/2009
Spsb2	splA/ryanodine receptor domain and SOCS box containing 2	http://www.komp.org/geneinfo.php?geneid=80165	8/25/2009
Syt12	synaptotagmin XII	http://www.komp.org/geneinfo.php?geneid=80815	8/25/2009
Taf10	TAF10 RNA polymerase II, TATA box binding protein (TBP)-associated factor	http://www.komp.org/geneinfo.php?geneid=81301	8/25/2009
Tbx19	T-box 19	http://www.komp.org/geneinfo.php?geneid=81549	8/25/2009
Tcf23	transcription factor 23	http://www.komp.org/geneinfo.php?geneid=81623	8/25/2009
Tcf3	transcription factor 3	http://www.komp.org/geneinfo.php?geneid=81646	8/25/2009
Tchhl1	trichohyalin-like 1	http://www.komp.org/geneinfo.php?geneid=81657	8/25/2009

Thop1	thimet oligopeptidase 1	http://www.komp.org/geneinfo.php?geneid=84055	8/25/2009
Tlx2	T-cell leukemia, homeobox 2	http://www.komp.org/geneinfo.php?geneid=84258	8/25/2009
Tmem110	transmembrane protein 110	http://www.komp.org/geneinfo.php?geneid=84340	8/25/2009
Tmem111	transmembrane protein 111	http://www.komp.org/geneinfo.php?geneid=84341	8/25/2009
Tmem150	transmembrane protein 150	http://www.komp.org/geneinfo.php?geneid=84379	8/25/2009
Tmem168	transmembrane protein 168	http://www.komp.org/geneinfo.php?geneid=84396	8/25/2009
Tmem179	transmembrane protein 179	http://www.komp.org/geneinfo.php?geneid=21835	8/25/2009
Tmem39a	transmembrane protein 39a	http://www.komp.org/geneinfo.php?geneid=84432	8/25/2009
Tnp1	transition protein 1	http://www.komp.org/geneinfo.php?geneid=84707	8/25/2009
Tnp2	transition protein 2	http://www.komp.org/geneinfo.php?geneid=84708	8/25/2009
Tnxb	tenascin XB	http://www.komp.org/geneinfo.php?geneid=84728	8/25/2009
Trem1	triggering receptor expressed on myeloid cells 1	http://www.komp.org/geneinfo.php?geneid=84925	8/25/2009
Ttc15	tetratricopeptide repeat domain 15	http://www.komp.org/geneinfo.php?geneid=85298	8/25/2009
Ttc5	tetratricopeptide repeat domain 5	http://www.komp.org/geneinfo.php?geneid=85317	8/25/2009
Tubal3	tubulin, alpha-like 3	http://www.komp.org/geneinfo.php?geneid=85369	8/25/2009
Ubtf	upstream binding transcription factor, RNA polymerase I	http://www.komp.org/geneinfo.php?geneid=85611	8/25/2009
Ufd1l	ubiquitin fusion degradation 1 like	http://www.komp.org/geneinfo.php?geneid=85643	8/25/2009
Usp19	ubiquitin specific peptidase 19	http://www.komp.org/geneinfo.php?geneid=85811	8/25/2009
Vasn	vasorin	http://www.komp.org/geneinfo.php?geneid=86075	8/25/2009
Vti1a	vesicle transport through interaction with t-SNAREs homolog 1A (yeast)	http://www.komp.org/geneinfo.php?geneid=86254	8/25/2009
Vti1b	vesicle transport through interaction with t-SNAREs 1B homolog	http://www.komp.org/geneinfo.php?geneid=86255	8/25/2009
Wdr82	WD repeat domain containing 82	http://www.komp.org/geneinfo.php?geneid=86477	8/25/2009
Wfdc1	WAP four-disulfide core domain 1	http://www.komp.org/geneinfo.php?geneid=86491	8/25/2009
Wfdc13	WAP four-disulfide core domain 13	http://www.komp.org/geneinfo.php?geneid=86493	8/25/2009
Wisp2	WNT1 inducible signaling pathway protein 2	http://www.komp.org/geneinfo.php?geneid=86543	8/25/2009
Wnt7b	wingless-related MMTV integration site 7B	http://www.komp.org/geneinfo.php?geneid=86585	8/25/2009
Wnt8a	wingless-related MMTV integration site 8A	http://www.komp.org/geneinfo.php?geneid=86586	8/25/2009
Wrb	tryptophan rich basic protein	http://www.komp.org/geneinfo.php?geneid=86594	8/25/2009
Xrcc6	X-ray repair complementing defective repair in Chinese hamster cells 6	http://www.komp.org/geneinfo.php?geneid=87056	8/25/2009
Zar1	zygote arrest 1	http://www.komp.org/geneinfo.php?geneid=87181	8/25/2009
Zc3h13	zinc finger CCCH type containing 13	http://www.komp.org/geneinfo.php?geneid=87223	8/25/2009
Zcchc16	zinc finger, CCHC domain containing 16	http://www.komp.org/geneinfo.php?geneid=87240	8/25/2009
Zfp36l3	zinc finger protein 36, C3H type-like 3	http://www.komp.org/geneinfo.php?geneid=87508	8/25/2009

Zfp764	zinc finger protein 764	http://www.komp.org/geneinfo.php?geneid=13399	8/25/2009
Zfp867	zinc finger protein 867	http://www.komp.org/geneinfo.php?geneid=29748	8/25/2009
Zrsr1	zinc finger (CCCH type), RNA binding motif and serine/arginine rich 1	http://www.komp.org/geneinfo.php?geneid=87812	8/25/2009
0610031J06Rik	RIKEN cDNA 0610031J06 gene	http://www.komp.org/geneinfo.php?geneid=228	9/25/2009
1810007M14Rik	RIKEN cDNA 1810007M14 gene	http://www.komp.org/geneinfo.php?geneid=3555	9/25/2009
Acsbg2	acyl-CoA synthetase bubblegum family member 2	http://www.komp.org/geneinfo.php?geneid=18182	9/25/2009
Aebp2	AE binding protein 2	http://www.komp.org/geneinfo.php?geneid=18506	9/25/2009
Akr1b3	aldo-keto reductase family 1, member B3 (aldose reductase)	http://www.komp.org/geneinfo.php?geneid=22622	9/25/2009
Arsg	arylsulfatase G	http://www.komp.org/geneinfo.php?geneid=23800	9/25/2009
Aspm	asp (abnormal spindle)-like, microcephaly associated (Drosophila)	http://www.komp.org/geneinfo.php?geneid=23923	9/25/2009
Atp7a	ATPase, Cu ⁺⁺ transporting, alpha polypeptide	http://www.komp.org/geneinfo.php?geneid=24148	9/25/2009
Atp8a1	ATPase, aminophospholipid transporter (APLT), class I, type 8A, member 1	http://www.komp.org/geneinfo.php?geneid=24151	9/25/2009
BC025920	cDNA sequence BC025920	http://www.komp.org/geneinfo.php?geneid=29413	9/25/2009
BC055004	cDNA sequence BC055004	http://www.komp.org/geneinfo.php?geneid=29802	9/25/2009
C1galt1	core 1 synthase, glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase, 1	http://www.komp.org/geneinfo.php?geneid=31134	9/25/2009
Cab39l	calcium binding protein 39-like	http://www.komp.org/geneinfo.php?geneid=32876	9/25/2009
Ccdc19	coiled-coil domain containing 19	http://www.komp.org/geneinfo.php?geneid=33268	9/25/2009
Ccdc90a	coiled-coil domain containing 90A	http://www.komp.org/geneinfo.php?geneid=12779	9/25/2009
Cda	cytidine deaminase	http://www.komp.org/geneinfo.php?geneid=33640	9/25/2009
Cdc7	cell division cycle 7 (S. cerevisiae)	http://www.komp.org/geneinfo.php?geneid=33688	9/25/2009
Cdh23	cadherin 23 (otocadherin)	http://www.komp.org/geneinfo.php?geneid=33729	9/25/2009
Cdkn2d	cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4)	http://www.komp.org/geneinfo.php?geneid=33771	9/25/2009
Cfp	complement factor properdin	http://www.komp.org/geneinfo.php?geneid=33989	9/25/2009
Chrna9	cholinergic receptor, nicotinic, alpha polypeptide 9	http://www.komp.org/geneinfo.php?geneid=34156	9/25/2009
Clca2	chloride channel calcium activated 2	http://www.komp.org/geneinfo.php?geneid=34332	9/25/2009
Clic3	chloride intracellular channel 3	http://www.komp.org/geneinfo.php?geneid=34433	9/25/2009
Clmn	calmin	http://www.komp.org/geneinfo.php?geneid=34447	9/25/2009
Cog1	component of oligomeric golgi complex 1	http://www.komp.org/geneinfo.php?geneid=34660	9/25/2009
Csnk1e	casein kinase 1, epsilon	http://www.komp.org/geneinfo.php?geneid=35193	9/25/2009

Csnk2a1	casein kinase 2, alpha 1 polypeptide	http://www.komp.org/geneinfo.php?geneid=35197	9/25/2009
Cyb5r1	cytochrome b5 reductase 1	http://www.komp.org/geneinfo.php?geneid=35415	9/25/2009
Cyp3a13	cytochrome P450, family 3, subfamily a, polypeptide 13	http://www.komp.org/geneinfo.php?geneid=35550	9/25/2009
D9Ert402e	DNA segment, Chr 9, ERATO Doi 402, expressed	http://www.komp.org/geneinfo.php?geneid=52816	9/25/2009
Ddx60	DEAD (Asp-Glu-Ala-Asp) box polypeptide 60	http://www.komp.org/geneinfo.php?geneid=29183	9/25/2009
Defb25	defensin beta 25	http://www.komp.org/geneinfo.php?geneid=88955	9/25/2009
Dennd2c	DENN/MADD domain containing 2C	http://www.komp.org/geneinfo.php?geneid=54034	9/25/2009
Dhx29	DEAH (Asp-Glu-Ala-His) box polypeptide 29	http://www.komp.org/geneinfo.php?geneid=54140	9/25/2009
Dkk1	dickkopf-like 1	http://www.komp.org/geneinfo.php?geneid=54216	9/25/2009
Dll3	delta-like 3 (Drosophila)	http://www.komp.org/geneinfo.php?geneid=54240	9/25/2009
Dlst	dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex)	http://www.komp.org/geneinfo.php?geneid=54244	9/25/2009
Dnm1l	dynamamin 1-like	http://www.komp.org/geneinfo.php?geneid=54395	9/25/2009
Dnmt3a	DNA methyltransferase 3A	http://www.komp.org/geneinfo.php?geneid=54403	9/25/2009
Dom3z	DOM-3 homolog Z (C. elegans)	http://www.komp.org/geneinfo.php?geneid=54448	9/25/2009
Dpep1	dipeptidase 1 (renal)	http://www.komp.org/geneinfo.php?geneid=54495	9/25/2009
Dpep3	dipeptidase 3	http://www.komp.org/geneinfo.php?geneid=54497	9/25/2009
Dph5	DPH5 homolog (S. cerevisiae)	http://www.komp.org/geneinfo.php?geneid=54504	9/25/2009
Drap1	Dr1 associated protein 1 (negative cofactor 2 alpha)	http://www.komp.org/geneinfo.php?geneid=54549	9/25/2009
Dtnb	dystrobrevin, beta	http://www.komp.org/geneinfo.php?geneid=54644	9/25/2009
Dtx1	deltex 1 homolog (Drosophila)	http://www.komp.org/geneinfo.php?geneid=54650	9/25/2009
E2f7	E2F transcription factor 7	http://www.komp.org/geneinfo.php?geneid=56039	9/25/2009
Eccscr	endothelial cell-specific chemotaxis regulator	http://www.komp.org/geneinfo.php?geneid=666	9/25/2009
Efha1	EF hand domain family A1	http://www.komp.org/geneinfo.php?geneid=56424	9/25/2009
Eif5	eukaryotic translation initiation factor 5	http://www.komp.org/geneinfo.php?geneid=56589	9/25/2009
Exoc3l2	exocyst complex component 3-like 2	http://www.komp.org/geneinfo.php?geneid=11205	9/25/2009
Exph5	exophilin 5	http://www.komp.org/geneinfo.php?geneid=57440	9/25/2009
Far2	fatty acyl CoA reductase 2	http://www.komp.org/geneinfo.php?geneid=68757	9/25/2009
Flot1	flotillin 1	http://www.komp.org/geneinfo.php?geneid=58103	9/25/2009
Frmpd3	FERM and PDZ domain containing 3	http://www.komp.org/geneinfo.php?geneid=89464	9/25/2009
Galc	galactosylceramidase	http://www.komp.org/geneinfo.php?geneid=58602	9/25/2009
Gatsl2	GATS protein-like 2	http://www.komp.org/geneinfo.php?geneid=58725	9/25/2009
Gdf15	growth differentiation factor 15	http://www.komp.org/geneinfo.php?geneid=58877	9/25/2009
Gja4	gap junction protein, alpha 4	http://www.komp.org/geneinfo.php?geneid=59011	9/25/2009
Gm1070	predicted gene 1070	http://www.komp.org/geneinfo.php?geneid=59238	9/25/2009
Gm11444	predicted gene 11444	http://www.komp.org/geneinfo.php?geneid=87981	9/25/2009
Gm12581	predicted gene 12581	http://www.komp.org/geneinfo.php?geneid=88384	9/25/2009
Gm5077	predicted gene 5077	http://www.komp.org/geneinfo.php?geneid=87851	9/25/2009

Gna12	guanine nucleotide binding protein, alpha 12	http://www.komp.org/geneinfo.php?geneid=61150	9/25/2009
Gng7	guanine nucleotide binding protein (G protein), gamma 7	http://www.komp.org/geneinfo.php?geneid=61208	9/25/2009
Gngt2	guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 2	http://www.komp.org/geneinfo.php?geneid=61211	9/25/2009
Gper	G protein-coupled estrogen receptor 1	http://www.komp.org/geneinfo.php?geneid=61427	9/25/2009
Gpr22	G protein-coupled receptor 22	http://www.komp.org/geneinfo.php?geneid=61420	9/25/2009
Grk4	G protein-coupled receptor kinase 4	http://www.komp.org/geneinfo.php?geneid=61506	9/25/2009
Grm6	glutamate receptor, metabotropic 6	http://www.komp.org/geneinfo.php?geneid=61605	9/25/2009
Grn	granulin	http://www.komp.org/geneinfo.php?geneid=61609	9/25/2009
Gsx1	GS homeobox 1	http://www.komp.org/geneinfo.php?geneid=61793	9/25/2009
Gtrgeo22	gene trap ROSA b-geo 22	http://www.komp.org/geneinfo.php?geneid=61956	9/25/2009
H2afz	H2A histone family, member Z	http://www.komp.org/geneinfo.php?geneid=62323	9/25/2009
Hadha	hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), alpha subunit	http://www.komp.org/geneinfo.php?geneid=62389	9/25/2009
Hes6	hairy and enhancer of split 6 (Drosophila)	http://www.komp.org/geneinfo.php?geneid=62677	9/25/2009
Hint1	histidine triad nucleotide binding protein 1	http://www.komp.org/geneinfo.php?geneid=62756	9/25/2009
Hoxa7	homeo box A7	http://www.komp.org/geneinfo.php?geneid=63279	9/25/2009
Hoxb13	homeo box B13	http://www.komp.org/geneinfo.php?geneid=63283	9/25/2009
Hsd17b3	hydroxysteroid (17-beta) dehydrogenase 3	http://www.komp.org/geneinfo.php?geneid=63461	9/25/2009
Hspa9	heat shock protein 9	http://www.komp.org/geneinfo.php?geneid=63547	9/25/2009
Idh1	isocitrate dehydrogenase 1 (NADP+), soluble	http://www.komp.org/geneinfo.php?geneid=64136	9/25/2009
Ifngr2	interferon gamma receptor 2	http://www.komp.org/geneinfo.php?geneid=64246	9/25/2009
Il10rb	interleukin 10 receptor, beta	http://www.komp.org/geneinfo.php?geneid=64537	9/25/2009
Irak2	interleukin-1 receptor-associated kinase 2	http://www.komp.org/geneinfo.php?geneid=64978	9/25/2009
Itgb6	integrin beta 6	http://www.komp.org/geneinfo.php?geneid=65090	9/25/2009
Jmjd4	jumonji domain containing 4	http://www.komp.org/geneinfo.php?geneid=65206	9/25/2009
Kcnk7	potassium channel, subfamily K, member 7	http://www.komp.org/geneinfo.php?geneid=65370	9/25/2009
Kdm6b	KDM1 lysine (K)-specific demethylase 6B	http://www.komp.org/geneinfo.php?geneid=65205	9/25/2009
Kifap3	kinesin-associated protein 3	http://www.komp.org/geneinfo.php?geneid=65519	9/25/2009
Klf4	Kruppel-like factor 4 (gut)	http://www.komp.org/geneinfo.php?geneid=65565	9/25/2009
Lats2	large tumor suppressor 2	http://www.komp.org/geneinfo.php?geneid=66317	9/25/2009
Lefty1	left right determination factor 1	http://www.komp.org/geneinfo.php?geneid=66445	9/25/2009
Lgals7	lectin, galactose binding, soluble 7	http://www.komp.org/geneinfo.php?geneid=66503	9/25/2009

Lrrc61	leucine rich repeat containing 61	http://www.komp.org/geneinfo.php?geneid=66975	9/25/2009
Lrrk2	leucine-rich repeat kinase 2	http://www.komp.org/geneinfo.php?geneid=66991	9/25/2009
Maml1	mastermind like 1 (Drosophila)	http://www.komp.org/geneinfo.php?geneid=67573	9/25/2009
Map3k7ip3	mitogen-activated protein kinase kinase kinase 7 interacting protein 3	http://www.komp.org/geneinfo.php?geneid=67687	9/25/2009
Marcks1	MARCKS-like 1	http://www.komp.org/geneinfo.php?geneid=67740	9/25/2009
Mbd6	methyl-CpG binding domain protein 6	http://www.komp.org/geneinfo.php?geneid=67851	9/25/2009
Mbl2	mannose-binding lectin (protein C) 2	http://www.komp.org/geneinfo.php?geneid=67859	9/25/2009
Med15	mediator complex subunit 15	http://www.komp.org/geneinfo.php?geneid=73774	9/25/2009
Med23	mediator complex subunit 23	http://www.komp.org/geneinfo.php?geneid=35083	9/25/2009
Med25	mediator of RNA polymerase II transcription, subunit 25 homolog (yeast)	http://www.komp.org/geneinfo.php?geneid=68034	9/25/2009
Med4	mediator of RNA polymerase II transcription, subunit 4 homolog (yeast)	http://www.komp.org/geneinfo.php?geneid=68037	9/25/2009
Mfsd5	major facilitator superfamily domain containing 5	http://www.komp.org/geneinfo.php?geneid=68168	9/25/2009
Mgl2	macrophage galactose N-acetyl-galactosamine specific lectin 2	http://www.komp.org/geneinfo.php?geneid=68193	9/25/2009
Mlc1	megalencephalic leukoencephalopathy with subcortical cysts 1 homolog (human)	http://www.komp.org/geneinfo.php?geneid=68713	9/25/2009
Morn5	MORN repeat containing 5	http://www.komp.org/geneinfo.php?geneid=2256	9/25/2009
Mrm1	mitochondrial rRNA methyltransferase 1 homolog (S. cerevisiae)	http://www.komp.org/geneinfo.php?geneid=69277	9/25/2009
Mrpl28	mitochondrial ribosomal protein L28	http://www.komp.org/geneinfo.php?geneid=69305	9/25/2009
Msx1	homeobox, msh-like 1	http://www.komp.org/geneinfo.php?geneid=69598	9/25/2009
Mta2	metastasis-associated gene family, member 2	http://www.komp.org/geneinfo.php?geneid=69655	9/25/2009
Mtbp	Mdm2, transformed 3T3 cell double minute p53 binding protein	http://www.komp.org/geneinfo.php?geneid=69677	9/25/2009
Mtch1	mitochondrial carrier homolog 1 (C. elegans)	http://www.komp.org/geneinfo.php?geneid=69678	9/25/2009
Mylk	myosin, light polypeptide kinase	http://www.komp.org/geneinfo.php?geneid=70031	9/25/2009
Myo6	myosin VI	http://www.komp.org/geneinfo.php?geneid=70061	9/25/2009
N4bp2	NEDD4 binding protein 2	http://www.komp.org/geneinfo.php?geneid=28169	9/25/2009
Nedd4l	neural precursor cell expressed, developmentally down-regulated gene 4-like	http://www.komp.org/geneinfo.php?geneid=70379	9/25/2009
Nfya	nuclear transcription factor-Y alpha	http://www.komp.org/geneinfo.php?geneid=70488	9/25/2009
Nlrp9a	NLR family, pyrin domain containing 9A	http://www.komp.org/geneinfo.php?geneid=70174	9/25/2009

Nr3c2	nuclear receptor subfamily 3, group C, member 2	http://www.komp.org/geneinfo.php?geneid=70935	9/25/2009
Nrcam	neuron-glia-CAM-related cell adhesion molecule	http://www.komp.org/geneinfo.php?geneid=70957	9/25/2009
Nt5m	5',3'-nucleotidase, mitochondrial	http://www.komp.org/geneinfo.php?geneid=71044	9/25/2009
Nudt3	nudix (nucleotide diphosphate linked moiety X)-type motif 3	http://www.komp.org/geneinfo.php?geneid=71107	9/25/2009
Pard3	par-3 (partitioning defective 3) homolog (C. elegans)	http://www.komp.org/geneinfo.php?geneid=73484	9/25/2009
Pfkip	phosphofructokinase, platelet	http://www.komp.org/geneinfo.php?geneid=74058	9/25/2009
Phpt1	phosphohistidine phosphatase 1	http://www.komp.org/geneinfo.php?geneid=74247	9/25/2009
Pigg	phosphatidylinositol glycan anchor biosynthesis, class G	http://www.komp.org/geneinfo.php?geneid=74292	9/25/2009
Ppp2r2a	protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52), alpha isoform	http://www.komp.org/geneinfo.php?geneid=75150	9/25/2009
Ppp2r3c	protein phosphatase 2, regulatory subunit B'', gamma	http://www.komp.org/geneinfo.php?geneid=9987	9/25/2009
Ppp2r5e	protein phosphatase 2, regulatory subunit B (B56), epsilon isoform	http://www.komp.org/geneinfo.php?geneid=75161	9/25/2009
Prkrir	protein-kinase, interferon-inducible double stranded RNA dependent inhibitor, repressor of (P58 repressor)	http://www.komp.org/geneinfo.php?geneid=75349	9/25/2009
Prss2	protease, serine, 2	http://www.komp.org/geneinfo.php?geneid=75480	9/25/2009
Rab1	RAB1, member RAS oncogene family	http://www.komp.org/geneinfo.php?geneid=76072	9/25/2009
Rab10	RAB10, member RAS oncogene family	http://www.komp.org/geneinfo.php?geneid=76073	9/25/2009
Ralgapa1	Ral GTPase activating protein, alpha subunit 1	http://www.komp.org/geneinfo.php?geneid=58681	9/25/2009
Ranbp1	RAN binding protein 1	http://www.komp.org/geneinfo.php?geneid=76257	9/25/2009
Rapgef1	Rap guanine nucleotide exchange factor (GEF) 1	http://www.komp.org/geneinfo.php?geneid=76284	9/25/2009
Rapgef2	Rap guanine nucleotide exchange factor (GEF) 2	http://www.komp.org/geneinfo.php?geneid=76285	9/25/2009
Rasip1	Ras interacting protein 1	http://www.komp.org/geneinfo.php?geneid=76333	9/25/2009
Rbm14	RNA binding motif protein 14	http://www.komp.org/geneinfo.php?geneid=76608	9/25/2009
Rbm47	RNA binding motif protein 47	http://www.komp.org/geneinfo.php?geneid=29178	9/25/2009
Rbm9	RNA binding motif protein 9	http://www.komp.org/geneinfo.php?geneid=76638	9/25/2009
Rgs7bp	regulator of G-protein signalling 7 binding protein	http://www.komp.org/geneinfo.php?geneid=39016	9/25/2009
Rhbdl3	rhomoid, veinlet-like 3 (Drosophila)	http://www.komp.org/geneinfo.php?geneid=76944	9/25/2009
Rps6ka5	ribosomal protein S6 kinase, polypeptide 5	http://www.komp.org/geneinfo.php?geneid=77748	9/25/2009
Rsb1	rosbin, round spermatid basic protein 1	http://www.komp.org/geneinfo.php?geneid=77825	9/25/2009

Rttm	rotatin	http://www.komp.org/geneinfo.php?geneid=77909	9/25/2009
Sdccag10	serologically defined colon cancer antigen 10	http://www.komp.org/geneinfo.php?geneid=78344	9/25/2009
Sema5a	sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A	http://www.komp.org/geneinfo.php?geneid=78470	9/25/2009
Sf3a2	splicing factor 3a, subunit 2	http://www.komp.org/geneinfo.php?geneid=78675	9/25/2009
Sfmbt2	Scm-like with four mbt domains 2	http://www.komp.org/geneinfo.php?geneid=78689	9/25/2009
Shisa3	shisa homolog 3 (<i>Xenopus laevis</i>)	http://www.komp.org/geneinfo.php?geneid=51768	9/25/2009
Slc25a17	solute carrier family 25 (mitochondrial carrier, peroxisomal membrane protein), member 17	http://www.komp.org/geneinfo.php?geneid=79273	9/25/2009
Slc34a1	solute carrier family 34 (sodium phosphate), member 1	http://www.komp.org/geneinfo.php?geneid=79345	9/25/2009
Slc4a7	solute carrier family 4, sodium bicarbonate cotransporter, member 7	http://www.komp.org/geneinfo.php?geneid=79423	9/25/2009
Slc7a12	solute carrier family 7 (cationic amino acid transporter, y+ system), member 12	http://www.komp.org/geneinfo.php?geneid=79461	9/25/2009
Socs4	suppressor of cytokine signaling 4	http://www.komp.org/geneinfo.php?geneid=79842	9/25/2009
Sod1	superoxide dismutase 1, soluble	http://www.komp.org/geneinfo.php?geneid=79849	9/25/2009
Stard3nl	STARD3 N-terminal like	http://www.komp.org/geneinfo.php?geneid=80413	9/25/2009
Stk4	serine/threonine kinase 4	http://www.komp.org/geneinfo.php?geneid=80506	9/25/2009
Syt12	synaptotagmin-like 2	http://www.komp.org/geneinfo.php?geneid=80832	9/25/2009
Tacc2	transforming, acidic coiled-coil containing protein 2	http://www.komp.org/geneinfo.php?geneid=81289	9/25/2009
Tctex1d2	Tctex1 domain containing 2	http://www.komp.org/geneinfo.php?geneid=167	9/25/2009
Tjap1	tight junction associated protein 1	http://www.komp.org/geneinfo.php?geneid=84180	9/25/2009
Tmem120a	transmembrane protein 120A	http://www.komp.org/geneinfo.php?geneid=4287	9/25/2009
Tmem218	transmembrane protein 218	http://www.komp.org/geneinfo.php?geneid=3698	9/25/2009
Tnfrsf14	tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator)	http://www.komp.org/geneinfo.php?geneid=84651	9/25/2009
Tpr	translocated promoter region	http://www.komp.org/geneinfo.php?geneid=84846	9/25/2009
Tsen54	tRNA splicing endonuclease 54 homolog (<i>S. cerevisiae</i>)	http://www.komp.org/geneinfo.php?geneid=85162	9/25/2009
Ttll5	tubulin tyrosine ligase-like family, member 5	http://www.komp.org/geneinfo.php?geneid=85345	9/25/2009
Ttll6	tubulin tyrosine ligase-like family, member 6	http://www.komp.org/geneinfo.php?geneid=85346	9/25/2009
Ttpa	tocopherol (alpha) transfer protein	http://www.komp.org/geneinfo.php?geneid=85350	9/25/2009

Ubr3	ubiquitin protein ligase E3 component n-recognin 3	http://www.komp.org/geneinfo.php?geneid=85609	9/25/2009
Unc84a	unc-84 homolog A (C. elegans)	http://www.komp.org/geneinfo.php?geneid=85728	9/25/2009
Upf3b	UPF3 regulator of nonsense transcripts homolog B (yeast)	http://www.komp.org/geneinfo.php?geneid=85751	9/25/2009
Ust	uronyl-2-sulfotransferase	http://www.komp.org/geneinfo.php?geneid=85857	9/25/2009
Vps18	vacuolar protein sorting 18 (yeast)	http://www.komp.org/geneinfo.php?geneid=86193	9/25/2009
Zfp157	zinc finger protein 157	http://www.komp.org/geneinfo.php?geneid=6078	9/25/2009
Zfp580	zinc finger protein 580	http://www.komp.org/geneinfo.php?geneid=87602	9/25/2009
Zfr2	zinc finger RNA binding protein 2	http://www.komp.org/geneinfo.php?geneid=13776	9/25/2009
Zscan21	zinc finger and SCAN domain containing 21	http://www.komp.org/geneinfo.php?geneid=87759	9/25/2009
1110012J17Rik	RIKEN cDNA 1110012J17 gene	http://www.komp.org/geneinfo.php?geneid=737	9/29/2009
1110065P20Rik	RIKEN cDNA 1110065P20 gene	http://www.komp.org/geneinfo.php?geneid=1238	9/29/2009
1190002H23Rik	RIKEN cDNA 1190002H23 gene	http://www.komp.org/geneinfo.php?geneid=1300	9/29/2009
1500041N16Rik	RIKEN cDNA 1500041N16 gene	http://www.komp.org/geneinfo.php?geneid=1934	9/29/2009
1700017D01Rik	RIKEN cDNA 1700017D01 gene	http://www.komp.org/geneinfo.php?geneid=2450	9/29/2009
1700021P04Rik	RIKEN cDNA 1700021P04 gene	http://www.komp.org/geneinfo.php?geneid=2580	9/29/2009
1700029H14Rik	RIKEN cDNA 1700029H14 gene	http://www.komp.org/geneinfo.php?geneid=2767	9/29/2009
1700049G17Rik	RIKEN cDNA 1700049G17 gene	http://www.komp.org/geneinfo.php?geneid=2971	9/29/2009
1810030O07Rik	RIKEN cDNA 1810030O07 gene	http://www.komp.org/geneinfo.php?geneid=3746	9/29/2009
4732471D19Rik	RIKEN cDNA 4732471D19 gene	http://www.komp.org/geneinfo.php?geneid=8712	9/29/2009
4921511H03Rik	RIKEN cDNA 4921511H03 gene	http://www.komp.org/geneinfo.php?geneid=9051	9/29/2009
4930579F01Rik	RIKEN cDNA 4930579F01 gene	http://www.komp.org/geneinfo.php?geneid=10631	9/29/2009
4930583I09Rik	RIKEN cDNA 4930583I09 gene	http://www.komp.org/geneinfo.php?geneid=10652	9/29/2009
4933433C11Rik	RIKEN cDNA 4933433C11 gene	http://www.komp.org/geneinfo.php?geneid=11397	9/29/2009
5530401A14Rik	RIKEN cDNA 5530401A14 gene	http://www.komp.org/geneinfo.php?geneid=11932	9/29/2009
9230112D13Rik	RIKEN cDNA 9230112D13 gene	http://www.komp.org/geneinfo.php?geneid=13905	9/29/2009
A730049H05Rik	RIKEN cDNA A730049H05 gene	http://www.komp.org/geneinfo.php?geneid=13486	9/29/2009
Aamp	angio-associated migratory protein	http://www.komp.org/geneinfo.php?geneid=17846	9/29/2009
Aebp1	AE binding protein 1	http://www.komp.org/geneinfo.php?geneid=18505	9/29/2009
AI747448	expressed sequence AI747448	http://www.komp.org/geneinfo.php?geneid=21631	9/29/2009
Alkbh7	alkB, alkylation repair homolog 7 (E. coli)	http://www.komp.org/geneinfo.php?geneid=23134	9/29/2009
Ankle1	ankyrin repeat and LEM domain containing 1	http://www.komp.org/geneinfo.php?geneid=23341	9/29/2009
Arid1a	AT rich interactive domain 1A (SWI-like)	http://www.komp.org/geneinfo.php?geneid=23684	9/29/2009

Arih1	ariadne ubiquitin-conjugating enzyme E2 binding protein homolog 1 (Drosophila)	http://www.komp.org/geneinfo.php?geneid=23710	9/29/2009
Atxn7l3	ataxin 7-like 3	http://www.komp.org/geneinfo.php?geneid=24193	9/29/2009
AU023871	expressed sequence AU023871	http://www.komp.org/geneinfo.php?geneid=25081	9/29/2009
Azin1	antizyme inhibitor 1	http://www.komp.org/geneinfo.php?geneid=27862	9/29/2009
Cables1	CDK5 and Abl enzyme substrate 1	http://www.komp.org/geneinfo.php?geneid=32880	9/29/2009
Cav2	caveolin 2	http://www.komp.org/geneinfo.php?geneid=33171	9/29/2009
Ccdc12	coiled-coil domain containing 12	http://www.komp.org/geneinfo.php?geneid=33253	9/29/2009
Ccdc122	coiled-coil domain containing 122	http://www.komp.org/geneinfo.php?geneid=33256	9/29/2009
Ccdc129	coiled-coil domain containing 129	http://www.komp.org/geneinfo.php?geneid=33260	9/29/2009
Ccdc28a	coiled-coil domain containing 28A	http://www.komp.org/geneinfo.php?geneid=33276	9/29/2009
Cd247	CD247 antigen	http://www.komp.org/geneinfo.php?geneid=33529	9/29/2009
Cd274	CD274 antigen	http://www.komp.org/geneinfo.php?geneid=33536	9/29/2009
Cd6	CD6 antigen	http://www.komp.org/geneinfo.php?geneid=33603	9/29/2009
Cdc37l1	cell division cycle 37 homolog (S. cerevisiae)-like 1	http://www.komp.org/geneinfo.php?geneid=33668	9/29/2009
Cdca7l	cell division cycle associated 7 like	http://www.komp.org/geneinfo.php?geneid=33698	9/29/2009
Ceacam16	carcinoembryonic antigen-related cell adhesion molecule 16	http://www.komp.org/geneinfo.php?geneid=33831	9/29/2009
Chfr	checkpoint with forkhead and ring finger domains	http://www.komp.org/geneinfo.php?geneid=34071	9/29/2009
Chga	chromogranin A	http://www.komp.org/geneinfo.php?geneid=34072	9/29/2009
Cldnd2	claudin domain containing 2	http://www.komp.org/geneinfo.php?geneid=34384	9/29/2009
Clic6	chloride intracellular channel 6	http://www.komp.org/geneinfo.php?geneid=34436	9/29/2009
Cnot2	CCR4-NOT transcription complex, subunit 2	http://www.komp.org/geneinfo.php?geneid=34589	9/29/2009
Cpn2	carboxypeptidase N, polypeptide 2	http://www.komp.org/geneinfo.php?geneid=34893	9/29/2009
Cyp11b2	cytochrome P450, family 11, subfamily b, polypeptide 2	http://www.komp.org/geneinfo.php?geneid=35470	9/29/2009
Cyp1b1	cytochrome P450, family 1, subfamily b, polypeptide 1	http://www.komp.org/geneinfo.php?geneid=35481	9/29/2009
Cyp4f41-ps	cytochrome P450, family 4, subfamily f, polypeptide 41 pseudogene	http://www.komp.org/geneinfo.php?geneid=12672	9/29/2009
D6Wsu116e	DNA segment, Chr 6, Wayne State University 116, expressed	http://www.komp.org/geneinfo.php?geneid=50687	9/29/2009
D7Erd443e	DNA segment, Chr 7, ERATO Doi 443, expressed	http://www.komp.org/geneinfo.php?geneid=50905	9/29/2009
Ddb1	damage specific DNA binding protein 1	http://www.komp.org/geneinfo.php?geneid=53704	9/29/2009

Ddx41	DEAD (Asp-Glu-Ala-Asp) box polypeptide 41	http://www.komp.org/geneinfo.php?geneid=53754	9/29/2009
Ddx5	DEAD (Asp-Glu-Ala-Asp) box polypeptide 5	http://www.komp.org/geneinfo.php?geneid=53760	9/29/2009
Ddx50	DEAD (Asp-Glu-Ala-Asp) box polypeptide 50	http://www.komp.org/geneinfo.php?geneid=53763	9/29/2009
Dlx5	distal-less homeobox 5	http://www.komp.org/geneinfo.php?geneid=54254	9/29/2009
Dnajc15	DnaJ (Hsp40) homolog, subfamily C, member 15	http://www.komp.org/geneinfo.php?geneid=54349	9/29/2009
Dnmt1	DNA methyltransferase (cytosine-5) 1	http://www.komp.org/geneinfo.php?geneid=54401	9/29/2009
Dnttip1	deoxynucleotidyltransferase, terminal, interacting protein 1	http://www.komp.org/geneinfo.php?geneid=54414	9/29/2009
Dusp13	dual specificity phosphatase 13	http://www.komp.org/geneinfo.php?geneid=54680	9/29/2009
Efr3b	EFR3 homolog B (<i>S. cerevisiae</i>)	http://www.komp.org/geneinfo.php?geneid=30854	9/29/2009
Eif4ebp2	eukaryotic translation initiation factor 4E binding protein 2	http://www.komp.org/geneinfo.php?geneid=56582	9/29/2009
Eif4g2	eukaryotic translation initiation factor 4, gamma 2	http://www.komp.org/geneinfo.php?geneid=56587	9/29/2009
Enpp3	ectonucleotide pyrophosphatase/phosphodiesterase 3	http://www.komp.org/geneinfo.php?geneid=56881	9/29/2009
Epor	erythropoietin receptor	http://www.komp.org/geneinfo.php?geneid=57023	9/29/2009
Epsti1	epithelial stromal interaction 1 (breast)	http://www.komp.org/geneinfo.php?geneid=57037	9/29/2009
Erap1	endoplasmic reticulum aminopeptidase 1	http://www.komp.org/geneinfo.php?geneid=23816	9/29/2009
Evl	Ena-vasodilator stimulated phosphoprotein	http://www.komp.org/geneinfo.php?geneid=57399	9/29/2009
Fadd	Fas (TNFRSF6)-associated via death domain	http://www.komp.org/geneinfo.php?geneid=57616	9/29/2009
Fam158a	family with sequence similarity 158, member A	http://www.komp.org/geneinfo.php?geneid=1773	9/29/2009
Fam184b	family with sequence similarity 184, member B	http://www.komp.org/geneinfo.php?geneid=14527	9/29/2009
Fam40a	family with sequence similarity 40, member A	http://www.komp.org/geneinfo.php?geneid=12974	9/29/2009
Fam63b	family with sequence similarity 63, member B	http://www.komp.org/geneinfo.php?geneid=28136	9/29/2009
Foxe1	forkhead box E1	http://www.komp.org/geneinfo.php?geneid=58224	9/29/2009
Gabra6	gamma-aminobutyric acid (GABA) A receptor, subunit alpha 6	http://www.komp.org/geneinfo.php?geneid=58555	9/29/2009
Ggt6	gamma-glutamyltransferase 6	http://www.komp.org/geneinfo.php?geneid=58952	9/29/2009
Gm12394	predicted gene 12394	http://www.komp.org/geneinfo.php?geneid=88328	9/29/2009
Gm13090	predicted gene 13090	http://www.komp.org/geneinfo.php?geneid=88569	9/29/2009
Gm13306	predicted gene 13306	http://www.komp.org/geneinfo.php?geneid=89880	9/29/2009
Gm5546	predicted gene 5546	http://www.komp.org/geneinfo.php?geneid=94113	9/29/2009
Grm2	glutamate receptor, metabotropic 2	http://www.komp.org/geneinfo.php?geneid=61601	9/29/2009

Hapln1	hyaluronan and proteoglycan link protein 1	http://www.komp.org/geneinfo.php?geneid=62415	9/29/2009
Hnrnph1	heterogeneous nuclear ribonucleoprotein H1	http://www.komp.org/geneinfo.php?geneid=63182	9/29/2009
Hnrnpk	heterogeneous nuclear ribonucleoprotein K	http://www.komp.org/geneinfo.php?geneid=63185	9/29/2009
Hoxc4	homeo box C4	http://www.komp.org/geneinfo.php?geneid=63298	9/29/2009
Htra4	HtrA serine peptidase 4	http://www.komp.org/geneinfo.php?geneid=63638	9/29/2009
Icosl	icos ligand	http://www.komp.org/geneinfo.php?geneid=64066	9/29/2009
Il1rap	interleukin 1 receptor accessory protein	http://www.komp.org/geneinfo.php?geneid=64586	9/29/2009
Impact	imprinted and ancient	http://www.komp.org/geneinfo.php?geneid=64679	9/29/2009
Itgb3	integrin beta 3	http://www.komp.org/geneinfo.php?geneid=65085	9/29/2009
Kpna3	karyopherin (importin) alpha 3	http://www.komp.org/geneinfo.php?geneid=65751	9/29/2009
L3mbtl2	l(3)mbt-like 2 (Drosophila)	http://www.komp.org/geneinfo.php?geneid=66158	9/29/2009
Lce3f	late cornified envelope 3F	http://www.komp.org/geneinfo.php?geneid=4679	9/29/2009
Lmx1a	LIM homeobox transcription factor 1 alpha	http://www.komp.org/geneinfo.php?geneid=66731	9/29/2009
Lrrc63	4leucine rich repeat containing 63	http://www.komp.org/geneinfo.php?geneid=9030	9/29/2009
Ly96	lymphocyte antigen 96	http://www.komp.org/geneinfo.php?geneid=67329	9/29/2009
Mast2	microtubule associated serine/threonine kinase 2	http://www.komp.org/geneinfo.php?geneid=67770	9/29/2009
Mcf2	mcf.2 transforming sequence	http://www.komp.org/geneinfo.php?geneid=67891	9/29/2009
Med1	mediator complex subunit 1	http://www.komp.org/geneinfo.php?geneid=75046	9/29/2009
Mfsd4	major facilitator superfamily domain containing 4	http://www.komp.org/geneinfo.php?geneid=15826	9/29/2009
Mtap7	microtubule-associated protein 7	http://www.komp.org/geneinfo.php?geneid=69673	9/29/2009
Mtap9	microtubule-associated protein 9	http://www.komp.org/geneinfo.php?geneid=69674	9/29/2009
Mtmr1	myotubularin related protein 1	http://www.komp.org/geneinfo.php?geneid=69707	9/29/2009
Myb	myeloblastosis oncogene	http://www.komp.org/geneinfo.php?geneid=69945	9/29/2009
Nacad	NAC alpha domain containing	http://www.komp.org/geneinfo.php?geneid=17915	9/29/2009
Nfkb2	nuclear factor of kappa light polypeptide gene enhancer in B-cells 2, p49/p100	http://www.komp.org/geneinfo.php?geneid=70472	9/29/2009
Nid2	nidogen 2	http://www.komp.org/geneinfo.php?geneid=70562	9/29/2009
Nkx2-2	NK2 transcription factor related, locus 2 (Drosophila)	http://www.komp.org/geneinfo.php?geneid=70634	9/29/2009
Nob1	NIN1/RPN12 binding protein 1 homolog (S. cerevisiae)	http://www.komp.org/geneinfo.php?geneid=70773	9/29/2009
Nol6	nucleolar protein family 6 (RNA-associated)	http://www.komp.org/geneinfo.php?geneid=70799	9/29/2009
Orai2	ORAI calcium release-activated calcium modulator 2	http://www.komp.org/geneinfo.php?geneid=84369	9/29/2009
Osbp	oxysterol binding protein	http://www.komp.org/geneinfo.php?geneid=73181	9/29/2009
P4hb	prolyl 4-hydroxylase, beta polypeptide	http://www.komp.org/geneinfo.php?geneid=73355	9/29/2009
Padi3	peptidyl arginine deiminase, type III	http://www.komp.org/geneinfo.php?geneid=73397	9/29/2009

Paox	polyamine oxidase (exo-N4-amino)	http://www.komp.org/geneinfo.php?geneid=73455	9/29/2009
Pax8	paired box gene 8	http://www.komp.org/geneinfo.php?geneid=73554	9/29/2009
Pdcd11	programmed cell death 11	http://www.komp.org/geneinfo.php?geneid=73821	9/29/2009
Pik3r2	phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 2 (p85 beta)	http://www.komp.org/geneinfo.php?geneid=74319	9/29/2009
Pkib	protein kinase inhibitor beta, cAMP dependent, testis specific	http://www.komp.org/geneinfo.php?geneid=74451	9/29/2009
Plin4	perilipin 4	http://www.komp.org/geneinfo.php?geneid=77998	9/29/2009
Plscr3	phospholipid scramblase 3	http://www.komp.org/geneinfo.php?geneid=74624	9/29/2009
Pmm1	phosphomannomutase 1	http://www.komp.org/geneinfo.php?geneid=74680	9/29/2009
Pot1b	protection of telomeres 1B	http://www.komp.org/geneinfo.php?geneid=7248	9/29/2009
Pyy	peptide YY	http://www.komp.org/geneinfo.php?geneid=75876	9/29/2009
Rab40c	Rab40c, member RAS oncogene family	http://www.komp.org/geneinfo.php?geneid=76127	9/29/2009
Rasd1	RAS, dexamethasone-induced 1	http://www.komp.org/geneinfo.php?geneid=76321	9/29/2009
Rgs11	regulator of G-protein signaling 11	http://www.komp.org/geneinfo.php?geneid=76901	9/29/2009
Rin3	Ras and Rab interactor 3	http://www.komp.org/geneinfo.php?geneid=77046	9/29/2009
Rnf220	ring finger protein 220	http://www.komp.org/geneinfo.php?geneid=10754	9/29/2009
Rps6ka4	ribosomal protein S6 kinase, polypeptide 4	http://www.komp.org/geneinfo.php?geneid=77747	9/29/2009
Rshl2b	radial spokehead-like 2B	http://www.komp.org/geneinfo.php?geneid=77835	9/29/2009
Rtn4ip1	reticulum 4 interacting protein 1	http://www.komp.org/geneinfo.php?geneid=77900	9/29/2009
Runx1	runt related transcription factor 1	http://www.komp.org/geneinfo.php?geneid=77922	9/29/2009
Samd9l	sterile alpha motif domain containing 9-like	http://www.komp.org/geneinfo.php?geneid=78050	9/29/2009
Sdccag3	serologically defined colon cancer antigen 3	http://www.komp.org/geneinfo.php?geneid=78346	9/29/2009
Slc2a4	solute carrier family 2 (facilitated glucose transporter), member 4	http://www.komp.org/geneinfo.php?geneid=79326	9/29/2009
Slc7a15	solute carrier family 7 (cationic amino acid transporter, y+ system), member 15	http://www.komp.org/geneinfo.php?geneid=79464	9/29/2009
Snx11	sorting nexin 11	http://www.komp.org/geneinfo.php?geneid=79812	9/29/2009
Sp1	trans-acting transcription factor 1	http://www.komp.org/geneinfo.php?geneid=79904	9/29/2009
Spag8	sperm associated antigen 8	http://www.komp.org/geneinfo.php?geneid=79931	9/29/2009
Spata20	spermatogenesis associated 20	http://www.komp.org/geneinfo.php?geneid=79947	9/29/2009
Spem1	sperm maturation 1	http://www.komp.org/geneinfo.php?geneid=3284	9/29/2009
Tbc1d15	TBC1 domain family, member 15	http://www.komp.org/geneinfo.php?geneid=81492	9/29/2009
Tbx2	T-box 2	http://www.komp.org/geneinfo.php?geneid=81550	9/29/2009
Tecpr2	tectonin beta-propeller repeat containing 2	http://www.komp.org/geneinfo.php?geneid=10602	9/29/2009
Thoc1	THO complex 1	http://www.komp.org/geneinfo.php?geneid=84048	9/29/2009

Thsd1	thrombospondin, type I, domain 1	http://www.komp.org/geneinfo.php?geneid=84072	9/29/2009
Tmem141	transmembrane protein 141	http://www.komp.org/geneinfo.php?geneid=84367	9/29/2009
Tpo3	transportin 3	http://www.komp.org/geneinfo.php?geneid=84711	9/29/2009
Usp14	ubiquitin specific peptidase 14	http://www.komp.org/geneinfo.php?geneid=85805	9/29/2009
Vipr2	vasoactive intestinal peptide receptor 2	http://www.komp.org/geneinfo.php?geneid=86142	9/29/2009
Vps16	vacuolar protein sorting 16 (yeast)	http://www.komp.org/geneinfo.php?geneid=86192	9/29/2009
Wnt10b	wingless related MMTV integration site 10b	http://www.komp.org/geneinfo.php?geneid=86569	9/29/2009
Zfp316	zinc finger protein 316	http://www.komp.org/geneinfo.php?geneid=87478	9/29/2009
Zfp418	zinc finger protein 418	http://www.komp.org/geneinfo.php?geneid=87530	9/29/2009
Zfp426	zinc finger protein 426	http://www.komp.org/geneinfo.php?geneid=87536	9/29/2009
Zfp92	zinc finger protein 92	http://www.komp.org/geneinfo.php?geneid=87708	9/29/2009
Zscan29	zinc finger SCAN domains 29	http://www.komp.org/geneinfo.php?geneid=87647	9/29/2009