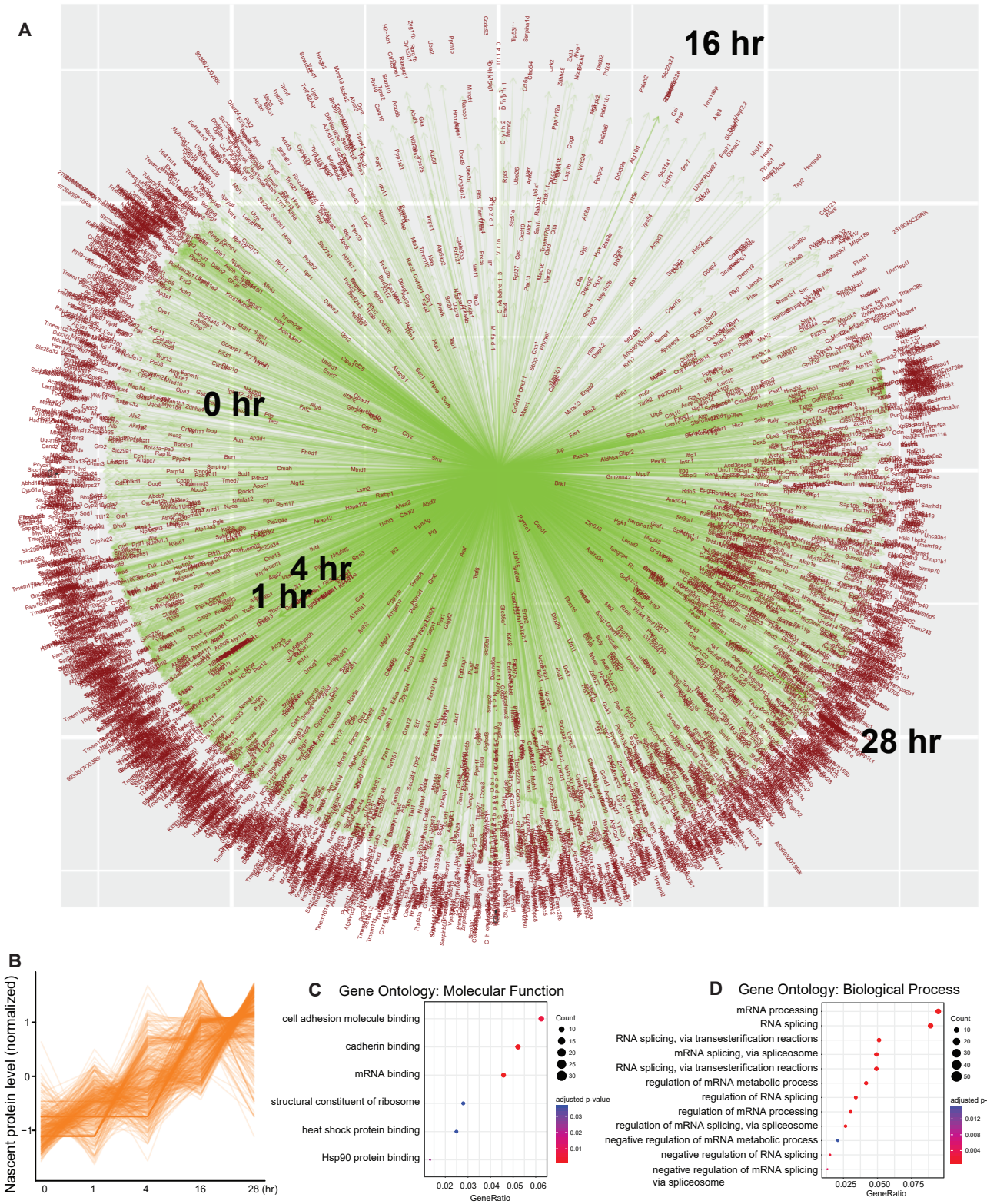
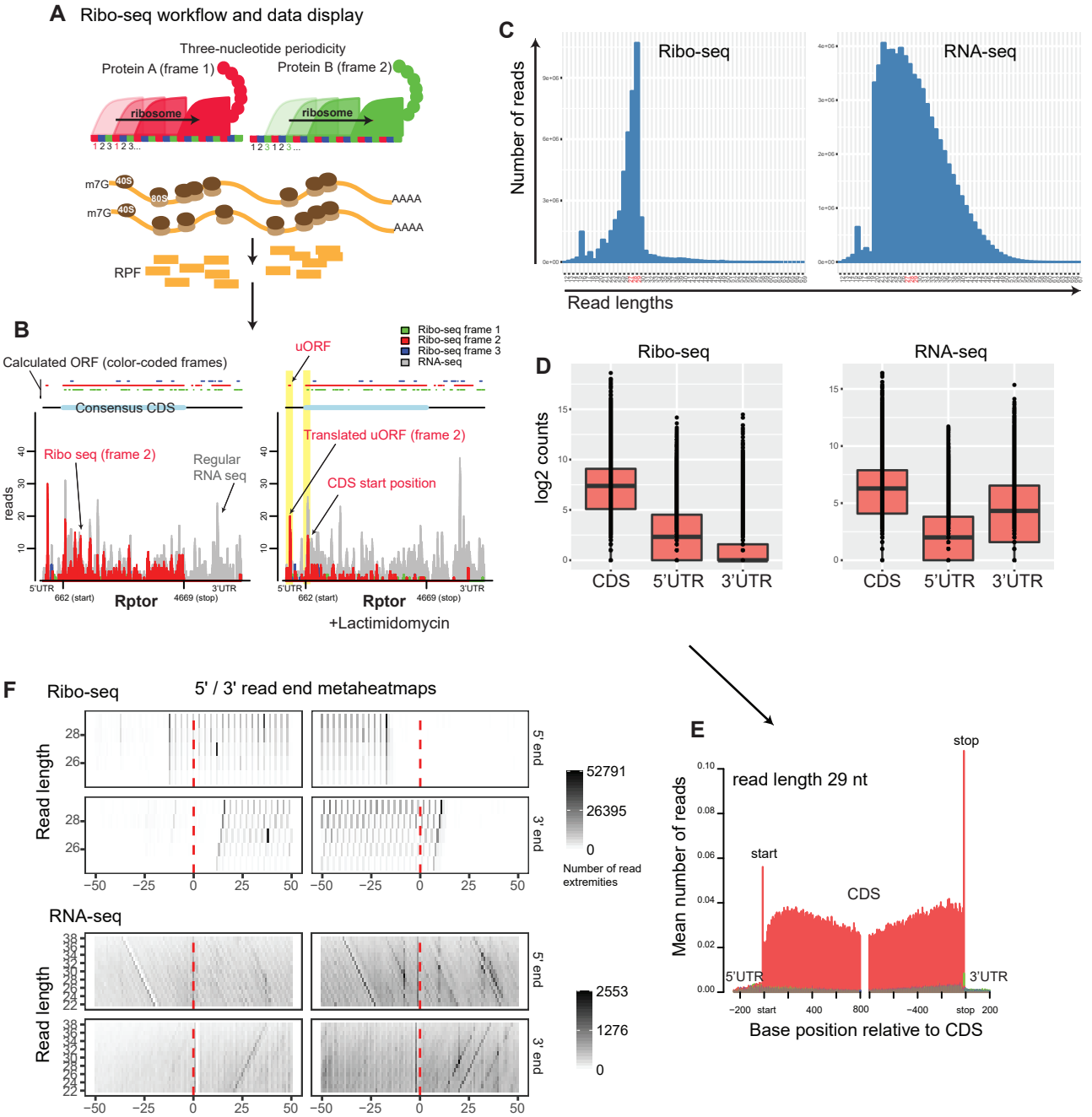
Supplemental Figure 1



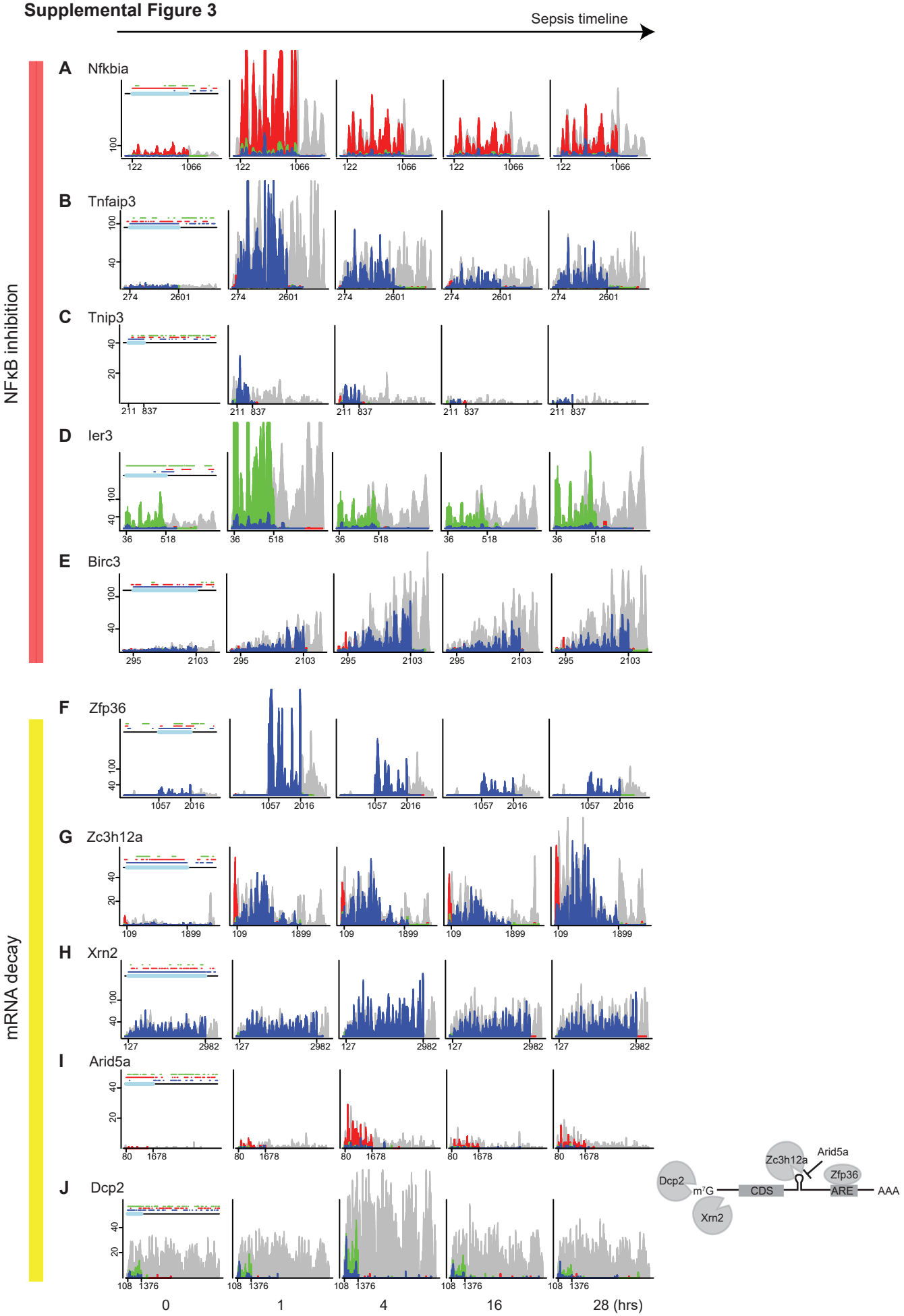
Supplemental Figure 1.
(**A**) Magnified view of Main **Figure 2B** (unflatten). See also **Supplemental Table 1**. Protein symbols were converted to gene symbols for ease of comparison with subsequent ribo-seq data. (**B**) Cluster analysis was performed and nascent proteins that trended upward overtime are shown (each orange line indicates one protein; n=870 out of ~6,000 nascent proteins detected belong to this cluster). (**C** and **D**) Pathway enrichment analysis using Gene Ontology terms. The size of the dots reflects the number of proteins attributed to the Gene Ontology term, and the color of the dots denotes adjusted p-values.

Supplemental Figure 2



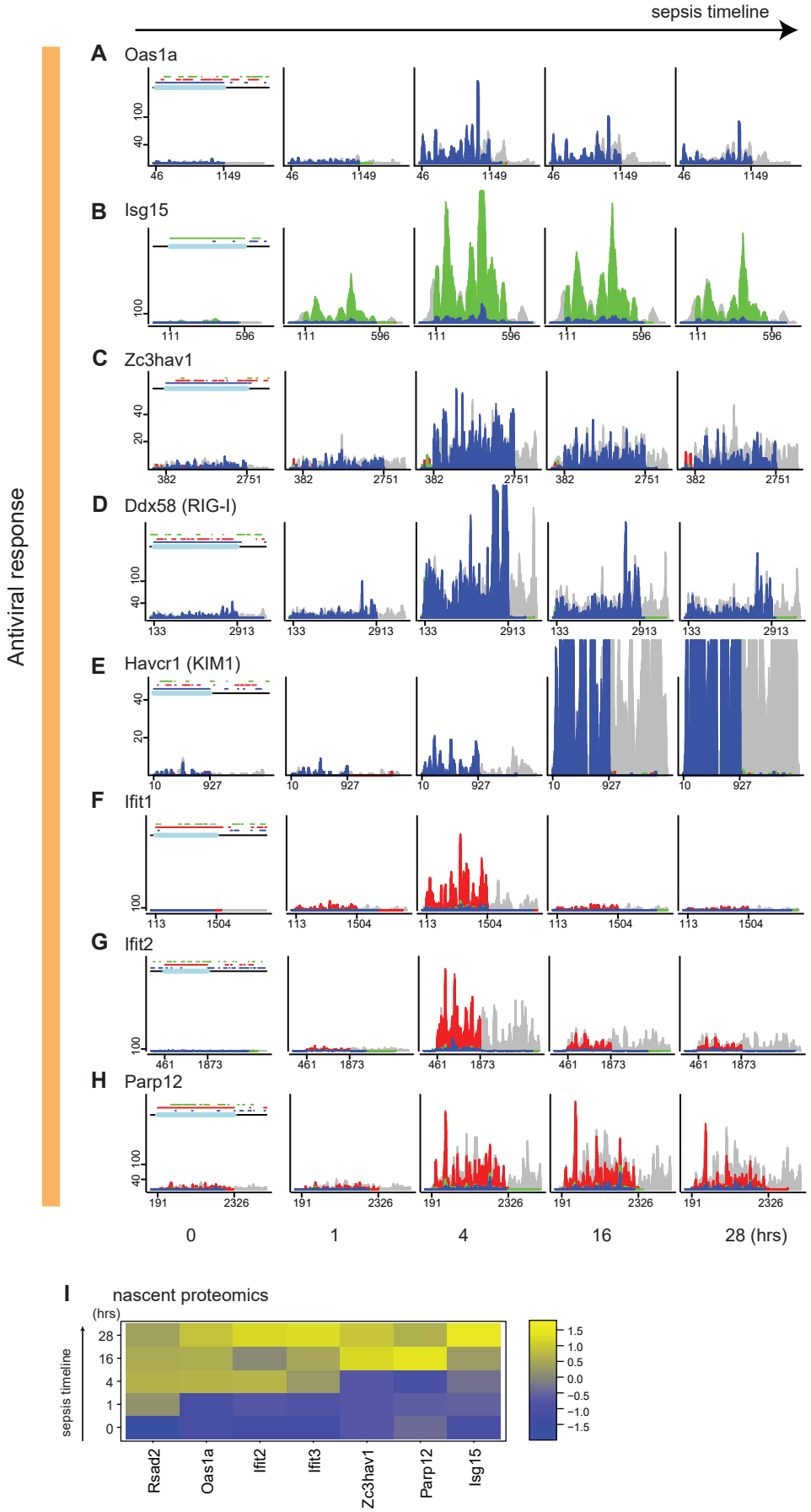
Supplemental Fig. 2.
(**A** and **B**) Ribo-seq schematic. Ribosome protected mRNA fragments (RPF; median 29 nucleotides) are isolated and sequenced. Ribosomes advance their position 3 nucleotides at a time. Thus a ribosome on a given mRNA remains in a specific frame (frame 1, 2, or 3) throughout its translation process. The precise periodic movement of ribosomes makes it possible to determine start and stop positions, frame and density (coverage). RNA-seq reads (gray) and ribo-seq reads (red, blue, green) were mapped to the GRCm38-mm10 mouse transcriptome. X-axis denotes mRNA positions. Y-axis denotes read coverage. Green, red, blue colors in the histogram correspond to ribosome frames 1, 2, and 3, respectively. On the top, calculated open reading frame positions (ORF; defined by ATG start codon, TAG/TAA/TGA stop codons) and their associated frame colors are shown (frames determined by modulo operation: RPF left end position %% 3). Annotated consensus coding sequence (CCDS) is highlighted in light blue on the top and its start and stop positions are shown on the x-axis. Note that CCDS frame can be 1, 2, or 3, depending on the position of CCDS in that particular transcript. As an example, ribo-seq analysis of gene Rptor with and without lactimidomycin is shown in (**B**). Lactimidomycin halts the movement of ribosomes engaged at the initiation site (but not the elongating ribosomes), and therefore highlights the initiation position. As shown, CCDS from the GRCm38-mm10 mouse transcriptome is displayed in light blue on the top with positions 662 (start) and 4669 (stop) on the x-axis. Note that one of the calculated ORFs in frame 2 (red) matches up to this annotated region. Almost all ribosome reads mapped to this region are indeed in frame 2 (red), a reflection of high ribosome movement fidelity (triplet periodicity; ribosomes "jump" 3 nucleotides at once instead of plowing through one nucleotide at a time). Note also the presence of a translated upstream ORF in frame 2 (red) as indicated by: 1. the prominent signal that remains elevated after lactimidomycin treatment, and 2. the presence of the calculated ORF in frame 2 spanning the corresponding region. (**C**) Length distribution of mouse kidney RPFs (left). RPF distribution peaked at 29 nt as expected. RNA-seq reads (right) underwent additional fragmentation to provide similar fragment sizes to the RPF reads. (**D**) Boxplots of read coverage on the CDS, 5'UTR, and 3'UTR regions for the entire protein coding genes. Since ribosomes are released at the stop codon, 3'UTR coverage in ribo-seq is minimal. (**E**) Histogram of RPF positions relative to the coding sequences for the entire protein coding genes. Only the 29 nt RPFs are shown for clarity. In this view, the blue and green frames are masked under the red color frame. Note the peak signals at start and end positions. These peaks occur due to differential regulation of initiation, elongation and termination, i.e., differences in the rate of ribosomal movement along mRNA. (**F**) 5' and 3' read-end metaheatmaps of ribo-seq and RNA-seq (read end counts density), demonstrating a transcriptome-wide 3-nucleotide periodicity in ribo-seq but not in RNA-seq.

Supplemental Figure 3



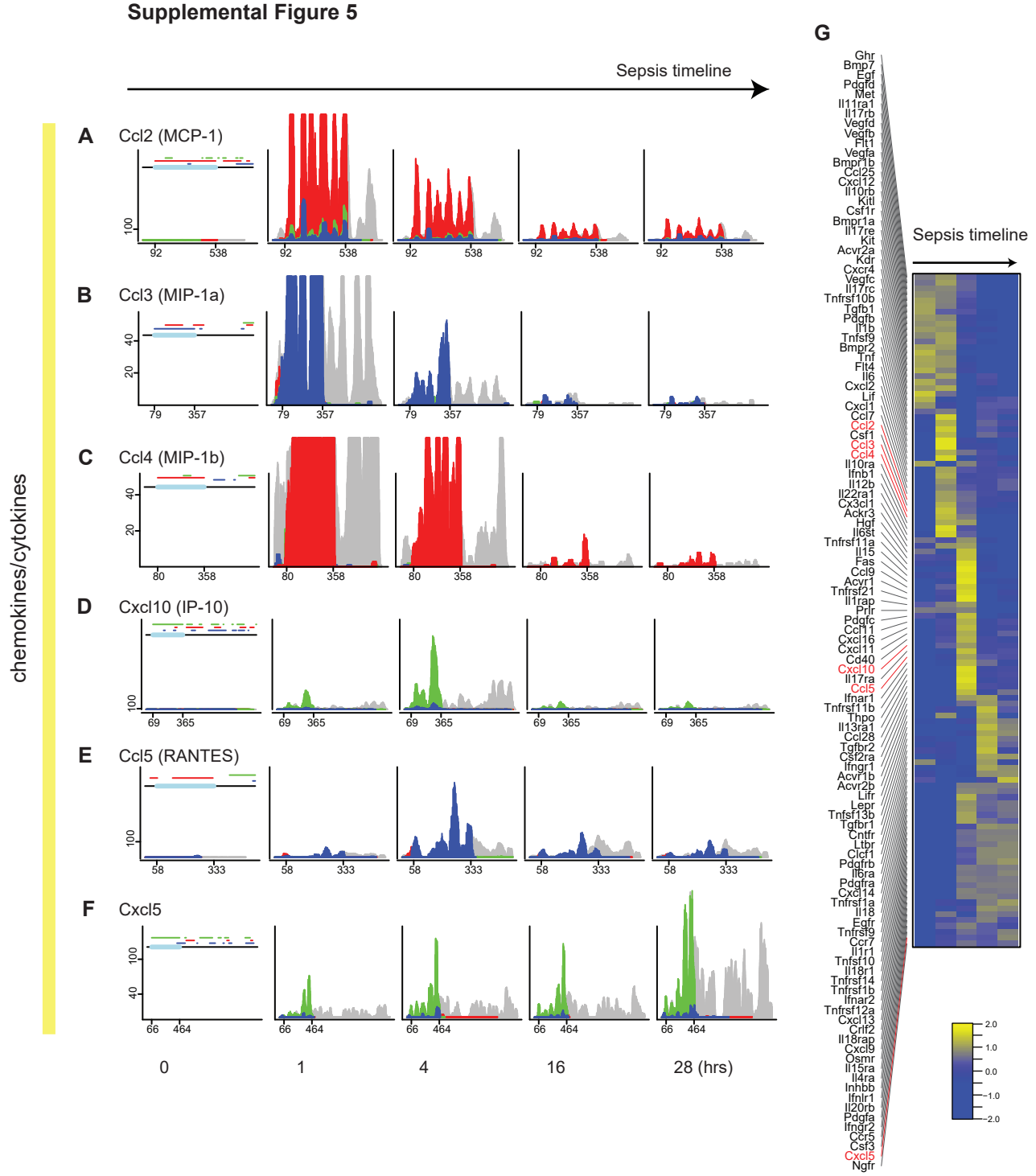
Supplemental Fig. 3. a-j, Ribo-seq analysis of select genes involved in NFκB inhibition and mRNA decay machinery.

Supplemental Figure 4



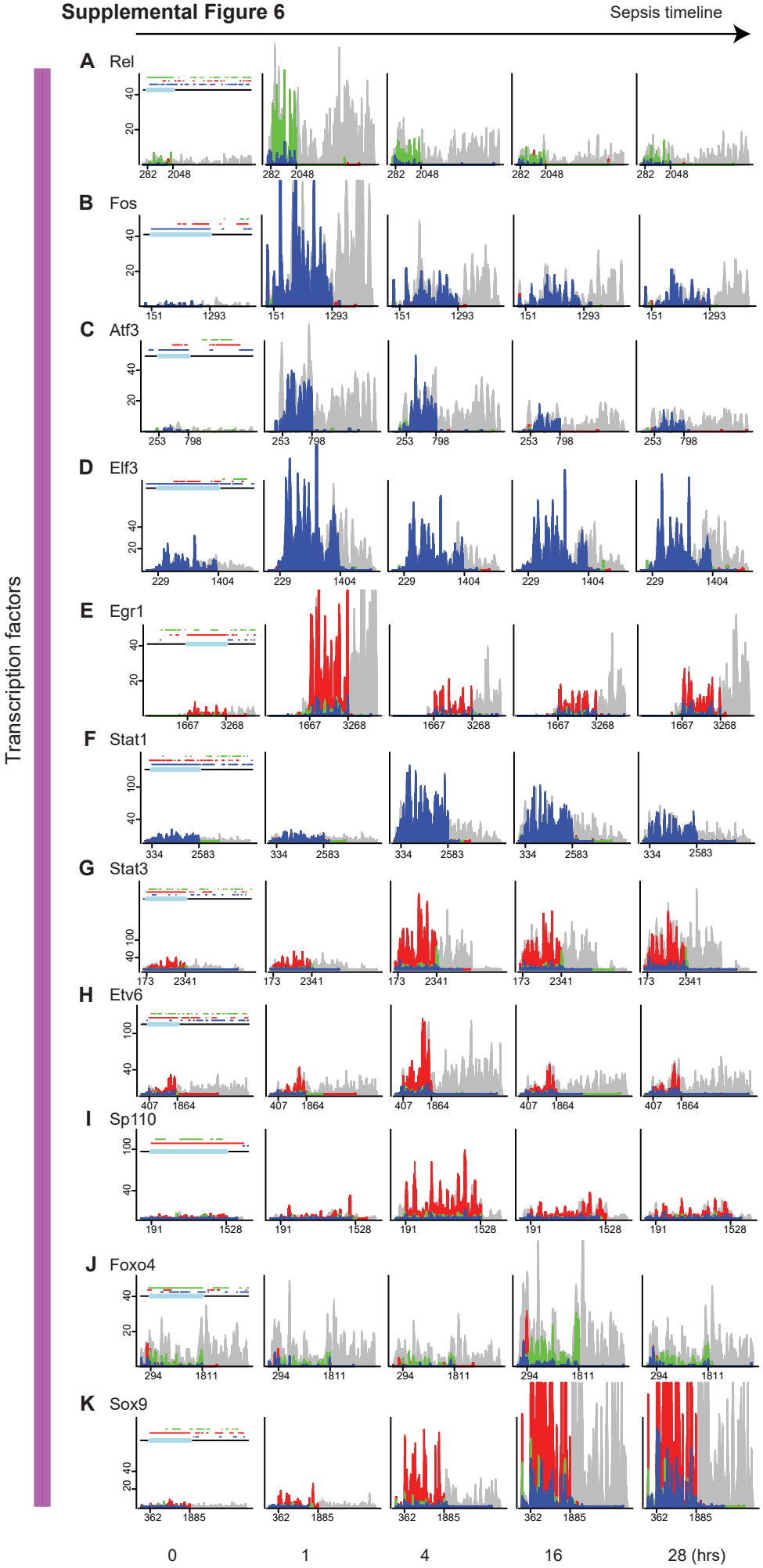
Supplemental Fig. 4.
(**A**-**H**) Ribo-seq analysis of select genes involved in viral response pathways. (**I**) Pertinent nascent proteomics data are also shown.

Supplemental Figure 5



Supplemental Fig. 5.
(**A**-**F**) Ribo-seq analysis of select genes involved in cytokine-cytokine receptor interaction.
(**G**) Summary of the cytokine-cytokine receptor interaction pathway (KEGG 04060) translatome.

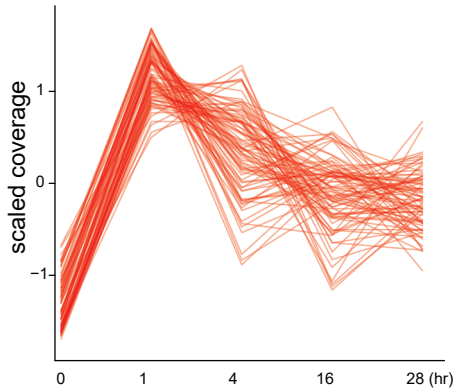
Supplemental Figure 6



Supplemental Fig. 6. (**A-K**) Ribo-seq analysis of select transcription factors.

Supplemental Figure 7

A



cytokine receptor binding
(GO:0005126, p.adjust=1.987e-06)

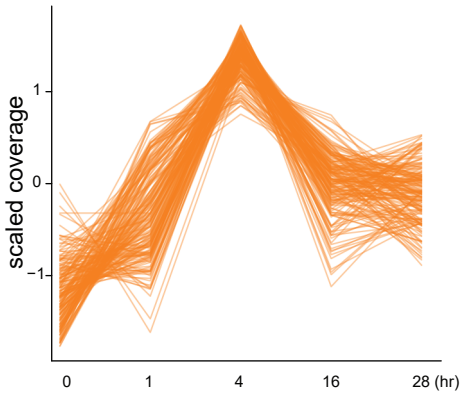
Traf1	Ngf
Csf1	Tnfsf9
Tnf	Ccl7
Cxcl2	Ccl3
Ccl4	Ccl2
Il6	

transcriptional activator activity
RNA polymerase II transcription
regulatory region sequence-specific binding
(GO:0001228, p.adjust=0.0041)

E2f3	Akna
Nfkb1	Elf3
Rel	Egr1
Nr4a3	Fos

KEGG:
TNF signaling pathway
IL-17 signaling pathway
NF-kappa B signaling pathway
NOD-like receptor signaling pathway
Apoptosis

B



transcription factor activity
RNA polymerase II core promoter
proximal region sequence-specific binding
(GO:0000982, p.adjust=0.0002)

Zfp90	Foxl2
Hivep2	Plscr1
Mafb	Etv6
Creb5	Nfkb2
Mndal	Jun
Ifi203	Irf8
Ifi209	Relb
Ifi208	Ifi211

cytokine receptor binding
(GO:0005126, p.adjust=0.0007)

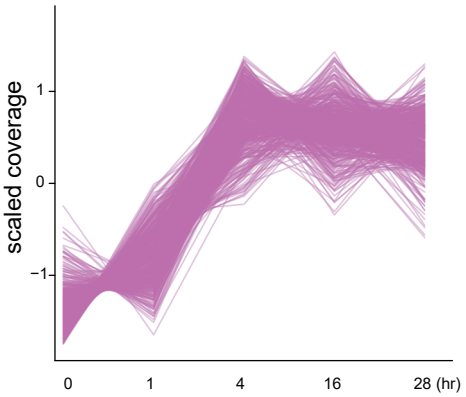
Efna5	Jak2
Cxcl16	Pik3r1
Ccl28	Ccl9
Ebi3	Cd44
Ccrl2	Ccl11
Il1rn	Cxcl10

defense response to virus
(GO:0051607, p.adjust=4.3863e-13

Traf3ip2	Trim56
Plscr1	Irf2
Ifitm1	Pml
Il33	Rnasel
Ifit1bl1	Eif2ak2
Cd86	Ifih1
Tlr3	Ddx58
Cd40	Rsad2
Ifit3	Ifit3b
Ifit1	Cxcl10

KEGG:
Toll-like receptor signaling pathway
IL-17 signaling pathway
Necroptosis
Cytokine-receptor interaction
Influenza A
Hepatitis B
Hepatitis C
Herpes simplex infection
Epstein-Barr virus infection

C



core promoter binding
(GO:0001047, p.adjust=7.6946e-05)

Hdac4	Gata6
Gadd45a	Rela
Pax8	Smad1
Irf9	H3f3b
Runx1	Xbp1
Myc	Stat1
Ifi213	Nfil3
Ifi204	Nlrc5
Ifi205	Irf7

NAD+ ADP-ribosyltransferase activity
(GO:0003950, p.adjust=2.5614e-05)

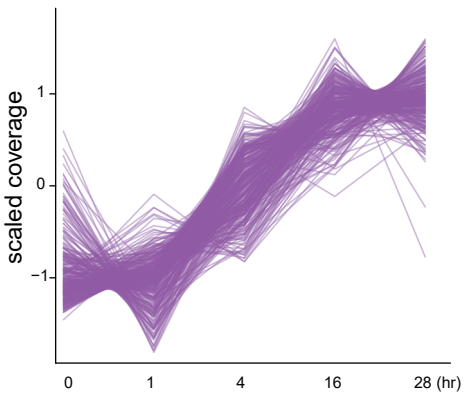
Tiparp	Parp4
Zc3hav1	Parp10
Parp12	Parp14
Parp9	

GTPase activity
(GO:0003924, p.adjust=1.1629e-07)

Rhoc	Rhoq
Arl4a	Rac2
Nras	Rhoj
Rab11b	Tuba1c
Gna13	Rhob
Tubb2b	9930111J21Rik1
Irgm2	Tgtp2
Irgm1	Gm12185
Rasd1	Gm4951
Ifi47	F830016B08Rik
Tgtp1	Igtp
Iigp1	Mx1
Gm5431	Gbp5
Gbp3	

KEGG:
NOD-like receptor signaling pathway
Cytosolic DNA-sensing pathway
Influenza A
Viral carcinogenesis
Hepatitis B
Hepatitis C
Human papillomavirus infection
Measles

D



enzyme inhibitor activity
(GO:0004857, p.adjust=0.0047)

Mcrs1	Cast
Prkar1b	Rpl5
Hspb1	Dcn
Wars	Cstb
Serping1	Ibtk
Trib3	A2m
Camk2n2	Socs2
Pi15	Serpina10
Serpina3n	Serpina3m

ubiquitin protein ligase activity
(GO:0061630, p.adjust=0.0362)

March1	Arih2
Lonrf3	Rnf217
Cblb	Fbxo6
Rnf144a	Rnf180
Znrf1	Rad18
Rnf125	

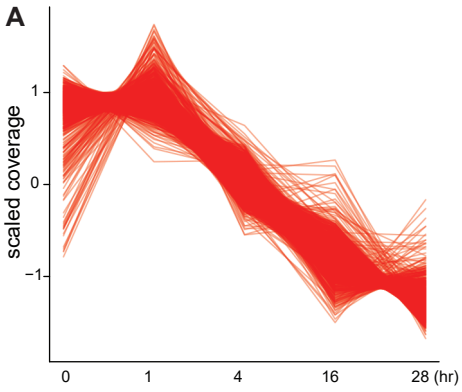
positive regulation of protein catabolic process
(GO:0045732, p.adjust=0.0012)

Arih2	Lonrf3
Rnf217	Egln2
Zfand2a	Ecscr
Cblb	Rnf144a
Rnf180	Pacsin3
Trib3	Rnf125
Sox9	

KEGG:
Staphylococcus aureus infection
Antigen processing and presentation
Phagosome
Complement and coagulation cascades

Supplemental Fig. 7.
(**A-D**) Using translatome counts data, unsupervised clustering analysis was performed. Four predominantly upswing clusters and corresponding pathway enrichment analysis are shown.

Supplemental Figure 8



cofactor binding
(GO:0048037, p.adjust=1.4471e-07)

Acbd5	Tkt	Tyw1
MaobDecr1	Dus2	Ndufs2
Acat1	Fasn	Acadsb
Etfa	Htatip2	Hmgcr
Shmt1	Sirt4	Creg1
Ndufs7	Acad9	Parp1
Acadm	Sdr39u1	Fmo2
Sirt5	Phykpl	Fdxr
Tyms	Mmachc	Kdm1b
Agps	Idh3a	Dhcr24
Vkorc1	Gpd1	Dhfr
Ddo	Srd5a1	Hsd11b2
Pygm		

protein folding
(GO:0006457, p.adjust=1.8907e-05)

Tmx1	Pdia3	Chchd4
Tmx3	Prdx4	P4hb
Fkbp9	Cdc37	Pdia4
Ero1lb	Erp44	Dnajb14
Erp29	Fkbp3	Hsp90b1
Ppif	Hsp90ab1	Canx
Hspd1	Mkks	Hspe1
Hsph1	Fkbp4	Chordc1

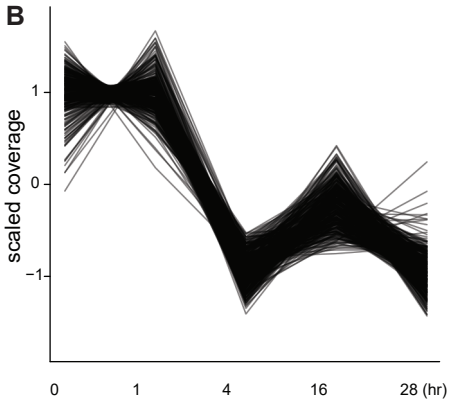
nuclear outer membrane-endoplasmic reticulum membrane network
(GO:0042175, p.adjust=2.9533e-06)

Tkt	Tmx1	Lmf2
Dad1	Pdia3	March6
Dnajc3	Erlin2	Tmx3
Piga	Rab14	Ptdss2
Abcb9	Ddost	Pigu
Slc9a6	Nomo1	Ddrgk1
Aldh3a2	Sptssa	Pomt2
Ero1lb	Sdf2	Dolk
Alg8	Erp44	Rab1b
Tmem33	Hmgcr	Hsp90b1
Vapb	Pkd2	Canx
Pigb	Wls	Pigq
Epm2a	Dhcr7	Tmem178
Alg6	Itpr2	Reep6
Ndrg4	Pigf	Pyurf
Hacd4	Cftr	

mitochondrial translation
(GO:0032543, p.adjust=4.7558e-06)

Mrps16	Mrps27	Mrpl58
C1qbp	Mtg1	Coa3
Mrps11	Uqcc1	Gatb
Rars2	Mtg2	Yars2
Tsfm	Mrps25	Ptcd3
Rmnd1		

KEGG
Pantothenate and CoA biosynthesis
Peroxisome
Protein processing in ER
GPI-anchor biosynthesis



damaged DNA binding
(GO:0003684, p.adjust=0.036)

Nbn	Msh2
Xrcc1	Neil1
Polh	Poli
Msh3	

negative regulation of DNA metabolic process
(GO:0051053, p.adju=0.0225)

Nbn	Nudt16l1
Pds5a	Flcn
Msh2	Xrcc1
Dffa	Papd5
Zfp830	Msh3
Tipin	

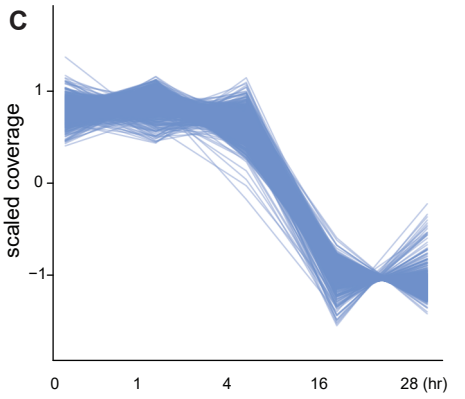
KEGG
AMPK signaling pathway
Hedgehog signaling pathway
cGMP-PKG signaling pathway

smoothened signaling pathway
(GO:0007224, p.adjust=0.0112)

Ift88	Prkacb	Evc2
Cdon	Wdr19	2700049A03Rik
Gas1	Sufu	Wnt7b
1810043G02Rik	Cc2d2a	Sall3

ciliary part
(GO:0044441, p.adjust=0.0188)

Cep290	Ift88	Prkacb
Evc2	Bbs5	Wrap73
Wdr19	Nek4	2700049A03Rik
Cfap20	Cby1	Nphp1
1810043G02Rik	Sept4	Irs1
Cc2d2a	Prkar2b	Ak1
Crocc		



oxidoreductase activity
(GO:0016614, p.adjust=3.4366e-18)

Adhfe1	Mdh2	Ldhb
Adh5	Dhrs7b	Rdh5
Idh3b	Bdh1	Akr1b10
Hsd17b10	Mdh1	Rdh16
Hadh	Me1	Dhrs4
Akr1a1	Akr7a5	Dhrs11
Grhpr	Bdh2	Dcxr
Nsdhl	Ptgr1	Cryl1
L2hgdh	Srd5a2	Dhrs3
Dhdh	Idh1	Miox
Akr1e1	Akr1c21	Sord
Hao2	Hsd3b3	

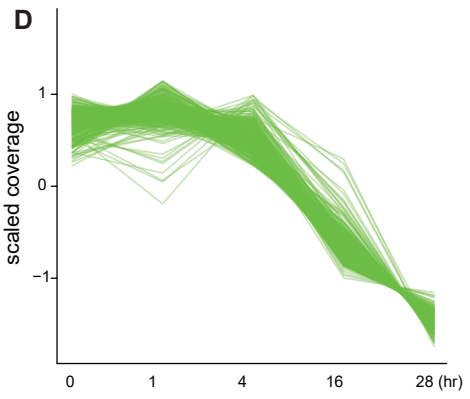
electron transfer activity
(GO:0009055, p.adjust=1.6263e-13)

Uqcrq	Dld	Cox8a
Sdha	Cox5a	Uqcr10
Sdhc	Sdhb	Cox7b
Uqcrfs1	Cox7a2	Cox6c
Cyc1	Ndufa4	Fdx1
Ndufa12	Uqcrh	Uqcrb
Ndufs1	Nqo2	Cox7a1

KEGG
Oxidative phosphorylation
Citrate cycle (TCA cycle)

active transmembrane transporter activity
(GO:0022804, p.adjust=5.3511e-26)

Atp5b	Slc1a1	Atp6v1a
Atp5a1	Abcb8	Clcn5
Atp6v1c1	Atp5d	Atp5g3
Slc18a1	Atp6ap1	Tfrc
Atp1a1	Slc26a4	Slc25a3
Slco1a6	Atp5o	Atp2b4
Clcn3	Atp5f1	Atp5e
Atp5c1	Abcb7	Tmco3
Atp6v0e2	Slc5a2	Slc22a8
Slc16a2	Abcc4	Slc22a1
Slc16a4	Slc22a18	Abcg2
Slc22a2	Slco1a1	Slc4a4
Slc6a13	Slc22a30	Slc36a1
Slc5a9	Abcc6	Abca13
Slc33a1	Slc17a3	Slc34a1
Abcc9	Slc7a13	Slc7a8
Abcc2	Slc22a28	Slc22a6
Slc5a11	Slc7a7	Slc6a20b
Slc22a22	Slc7a12	Slc6a4
Slc47a1	Slc26a1	Slc16a12
Slc16a7	Slc13a3	Slc10a2
Slc16a9	Slc8a1	Slc26a7



small molecule biosynthetic process
(GO:0044283, p.adjust=3.1607e-07)

Coq4	Gls	Mgst3
Coq3	Apoa4	Nr1h3
Tecr	Oxsm	Acss1
Pdk2	Pcbd2	Pts
C1qtnf12	Pdss2	Fbp2
Srr	Coq9	Prkag3
Mvk	Uros	Pgam2
Pecr	Kmo	Mthfd1
Cyp51	Egf	Fam213b
Bhmt2	Acss2	

fatty acid metabolic process
(GO:0006631, p.adjust=3.1888e-07)

Mapk14	Auh	Eci1
Apoa4	Acad11	Nr1h3
Tecr	Oxsm	Acox3
Tnxb	Acss1	Acad12
Pdk2	Echdc1	Acaa2
Acaa1b	Prkag3	Lypla1
Cyp2d12	Pecr	Ptgr2
Acnat1	Cyp2d26	Fam213b
Acss2		

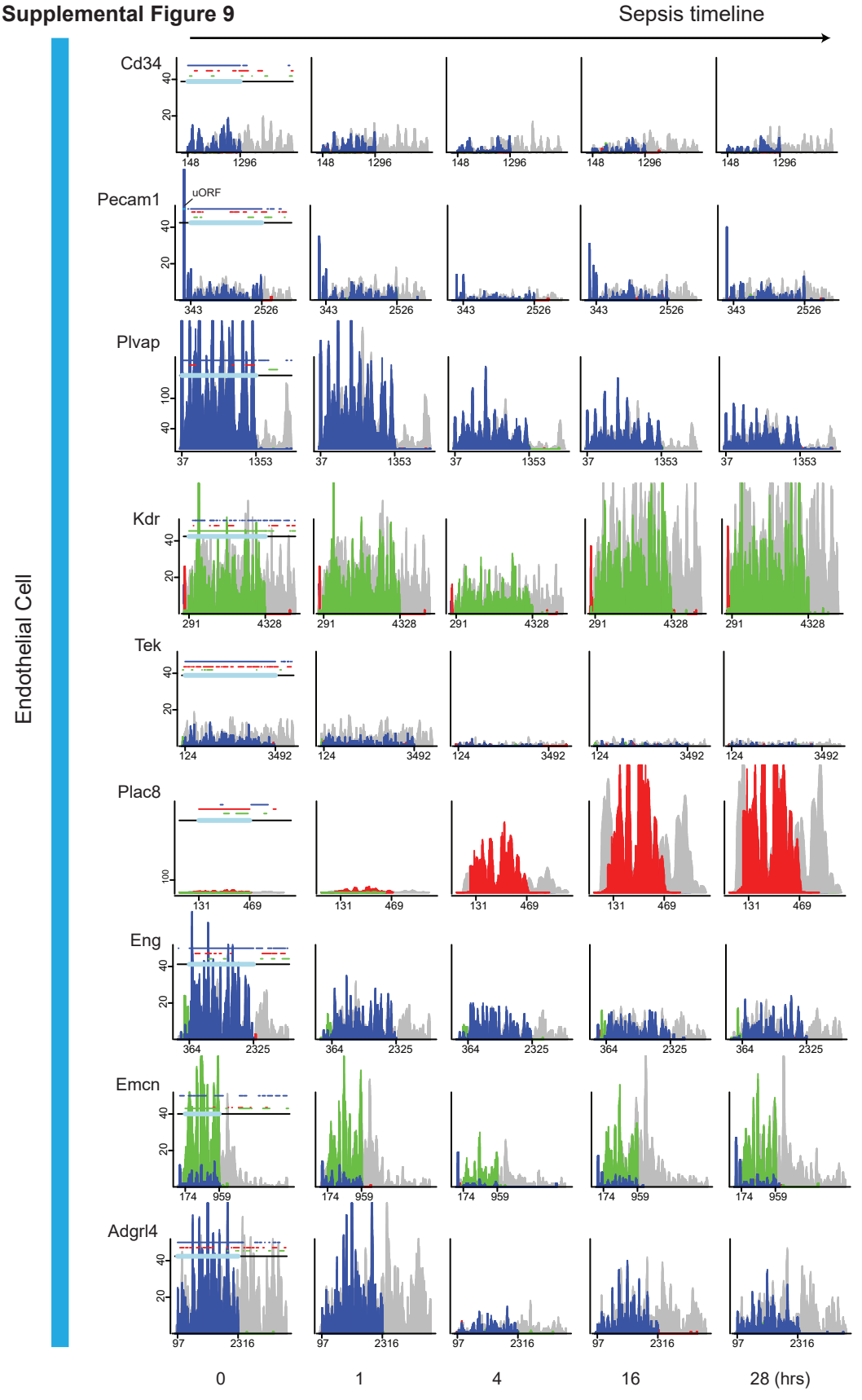
cellular amino acid metabolic process
(GO:0006520, p.adjust=0.0002)

Acad8	Auh
Vars2	Gls
Uroc1	Aars2
Cars2	Tars2
Mpst	Scly
Nars2	Hibch
Acy1	Srr
Kmo	Mthfd1
Bhmt2	

KEGG
Carbon metabolism
Sulfur metabolism
Folate biosynthesis
ECM-receptor interaction
Fatty acid metabolism
Proximal tubule bicarbonate reclamation
Valine, leucine and isoleucine degradataion

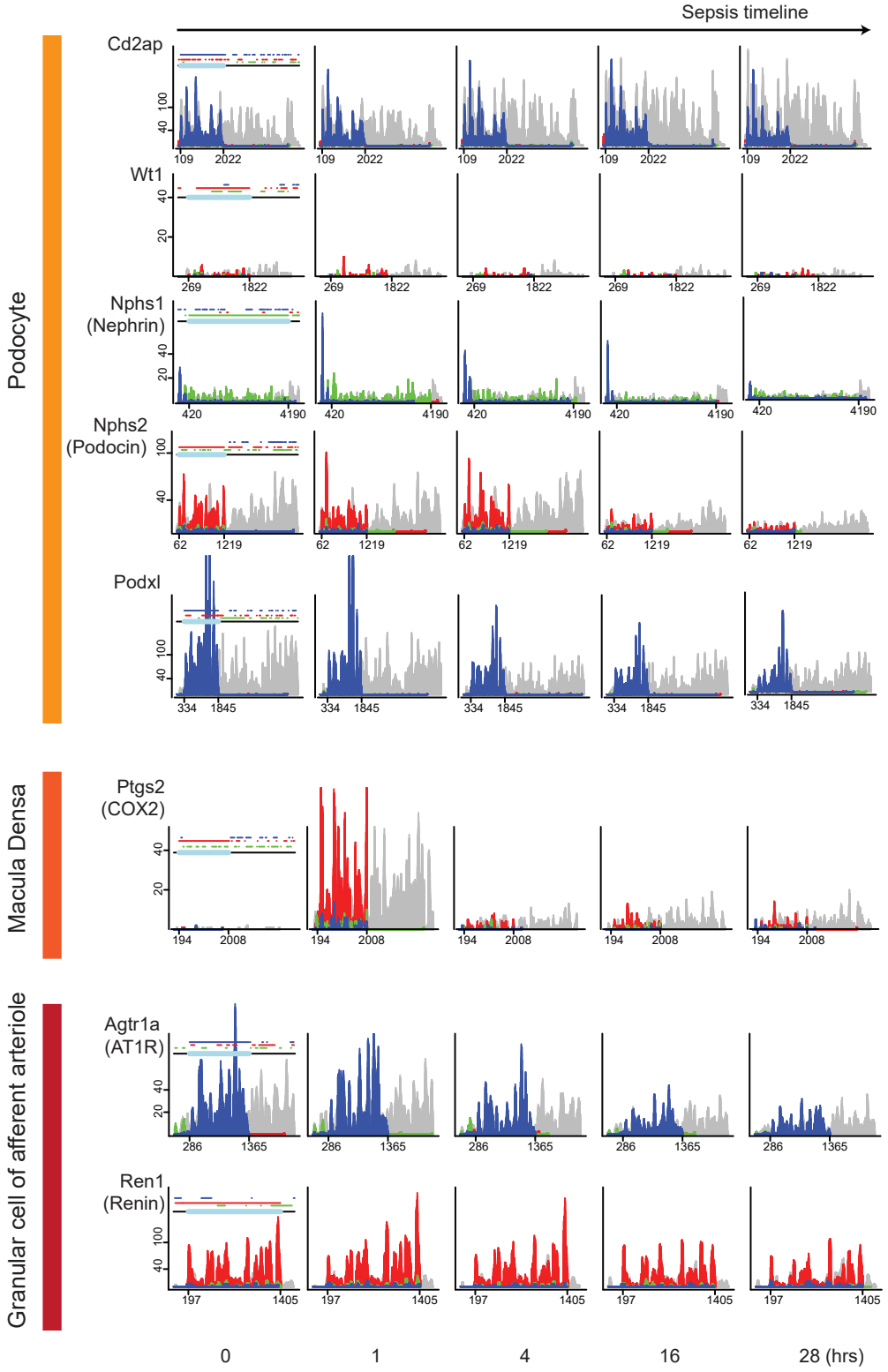
Supplemental Fig. 8.
(**A-D**) Four predominantly down trending clusters and corresponding pathway enrichment analysis are shown.

Supplemental Figure 9



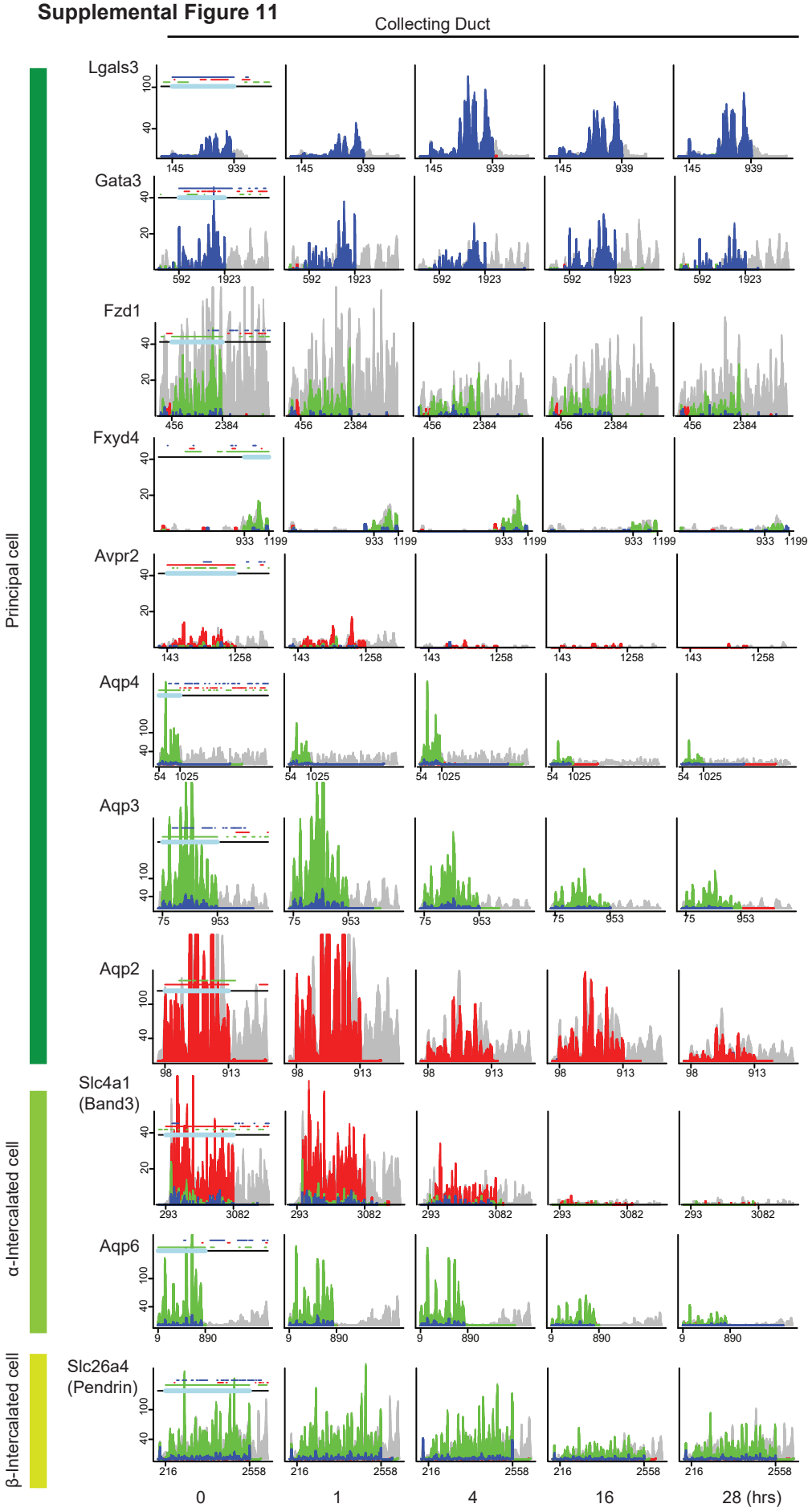
Supplemental Fig. 9. Ribo-seq analysis of select endothelial cell genes (38).

Supplemental Figure 10



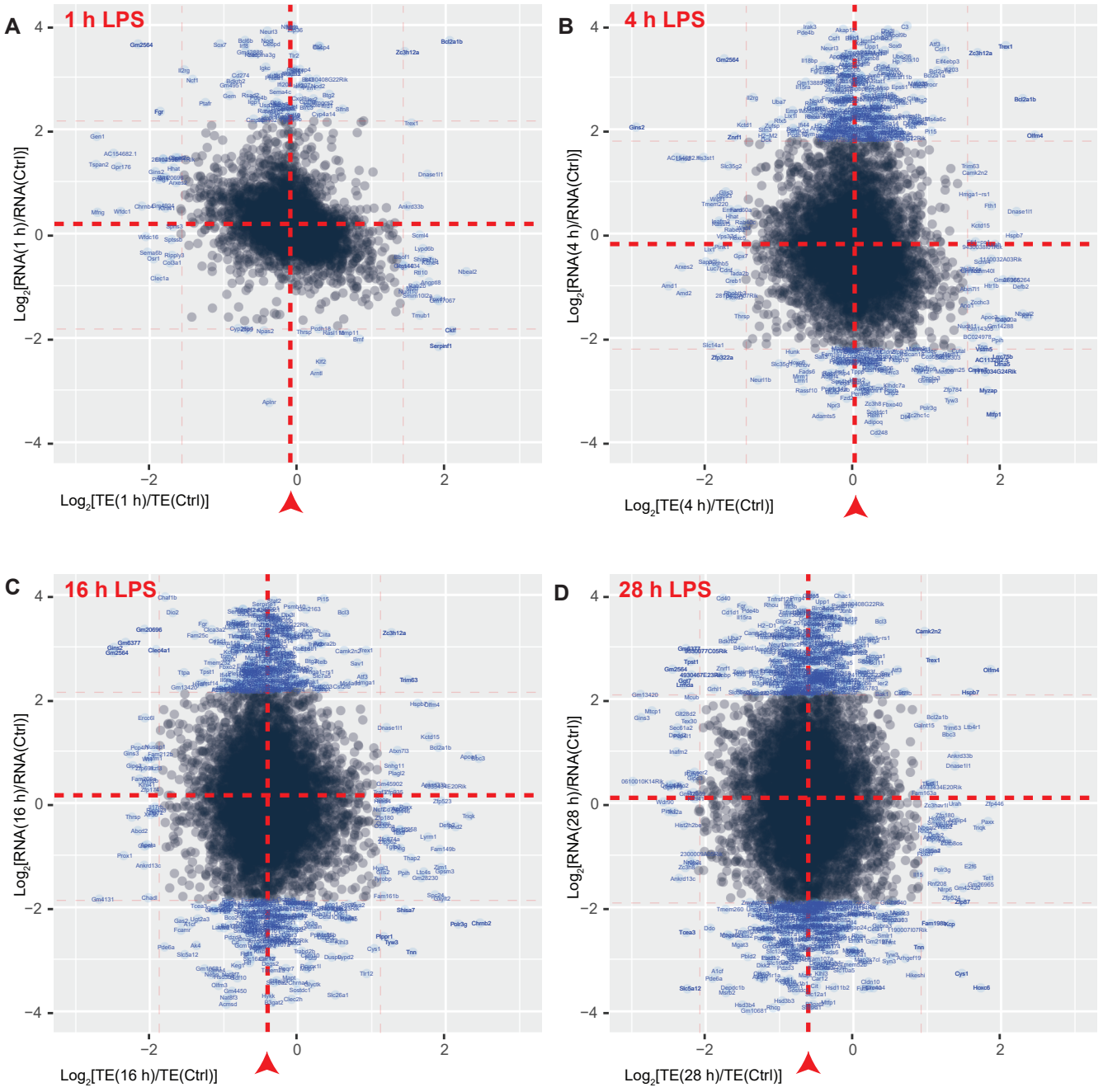
Supplemental Fig. 10. Ribo-seq analysis of select genes (podocyte, macula densa, granular cell of afferent arteriole).

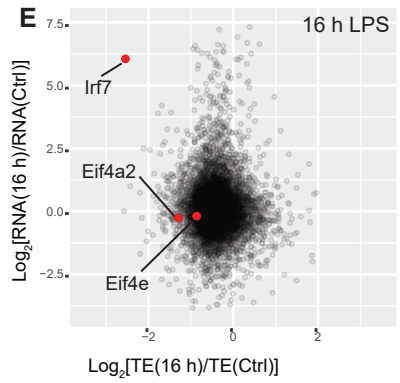
Supplemental Figure 11



Supplemental Fig. 11. Ribo-seq analysis of select genes (collecting duct) (38).

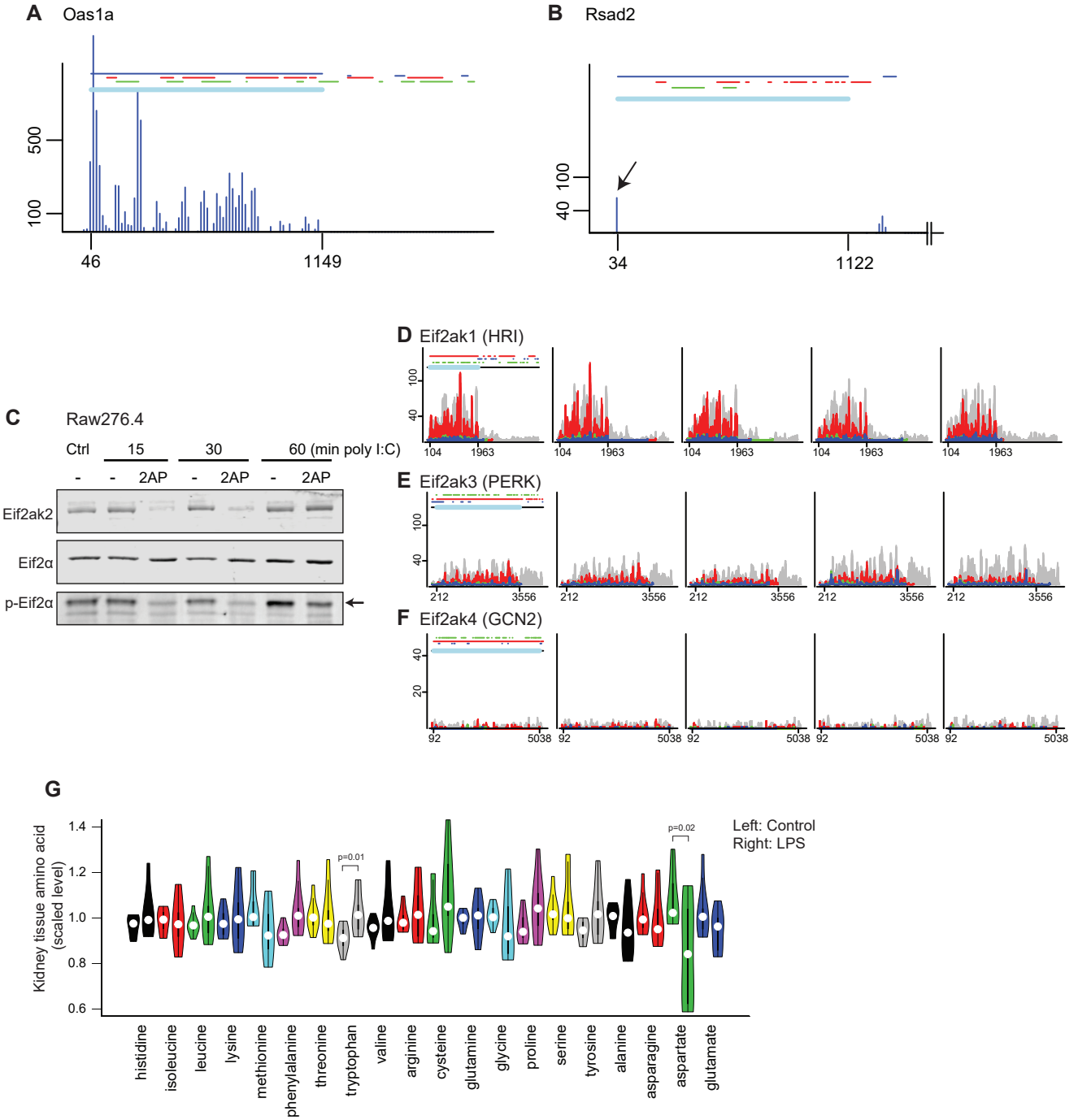
Supplemental Figure 12





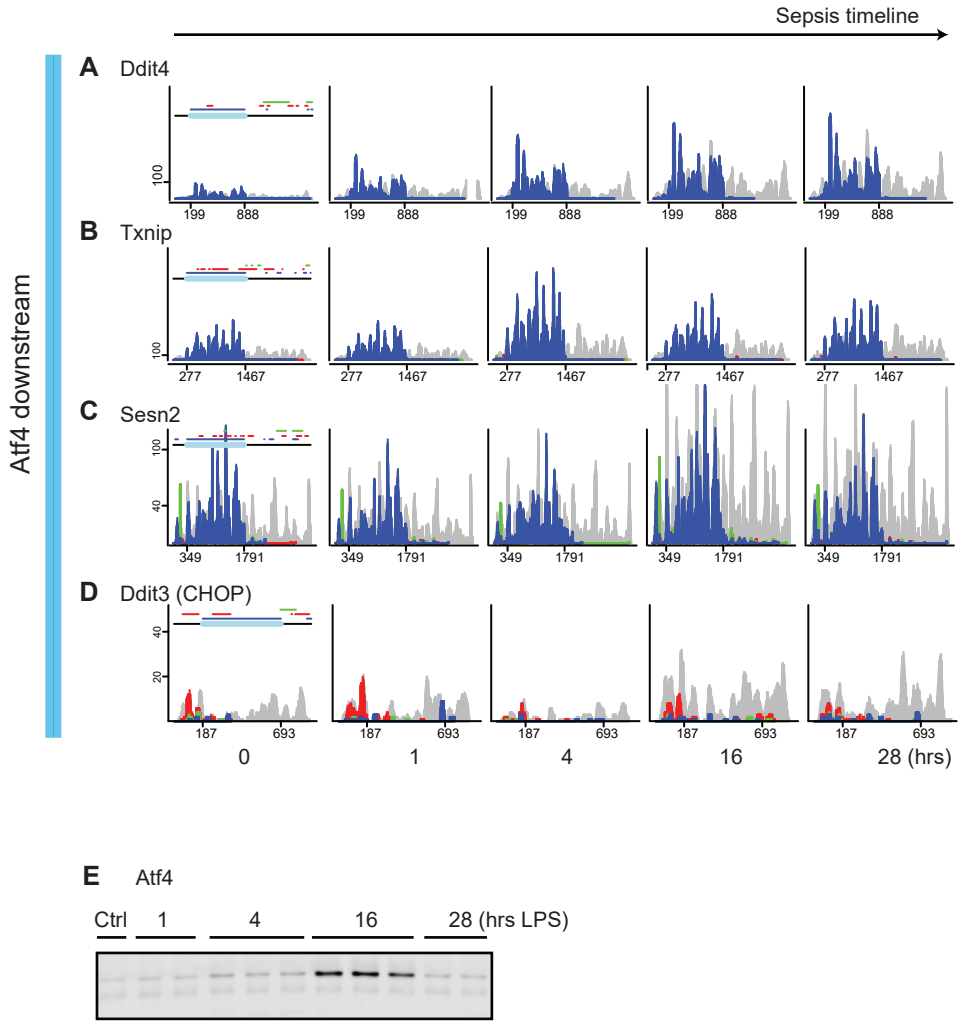
Supplemental Figure 12.
(**A** – **D**) Scatter plots of translation efficiency changes (TE, ribo-seq/RNA-seq; x-axis) and mRNA abundance changes (y-axis) under indicated time points. The dotted red lines depict overall translation efficiency and mRNA abundance changes (mean). Overall translation efficiency was decreased with LPS treatment (16 and 28 hrs, arrow heads) while overall mRNA abundance remained unchanged. Genes are annotated in blue when their fold change in translation efficiency is > ±1.5 and/or mRNA abundance fold change > ±2 as compared to the overall mean values. Note, some genes are located at extreme positions, mostly due to very low expression levels in control, and these genes are outside of the display ranges. One such example, Irf7, is shown in (**E**). Specific positions for Eif4e and Eif4a2 are also highlighted in red.

Supplemental Figure 13



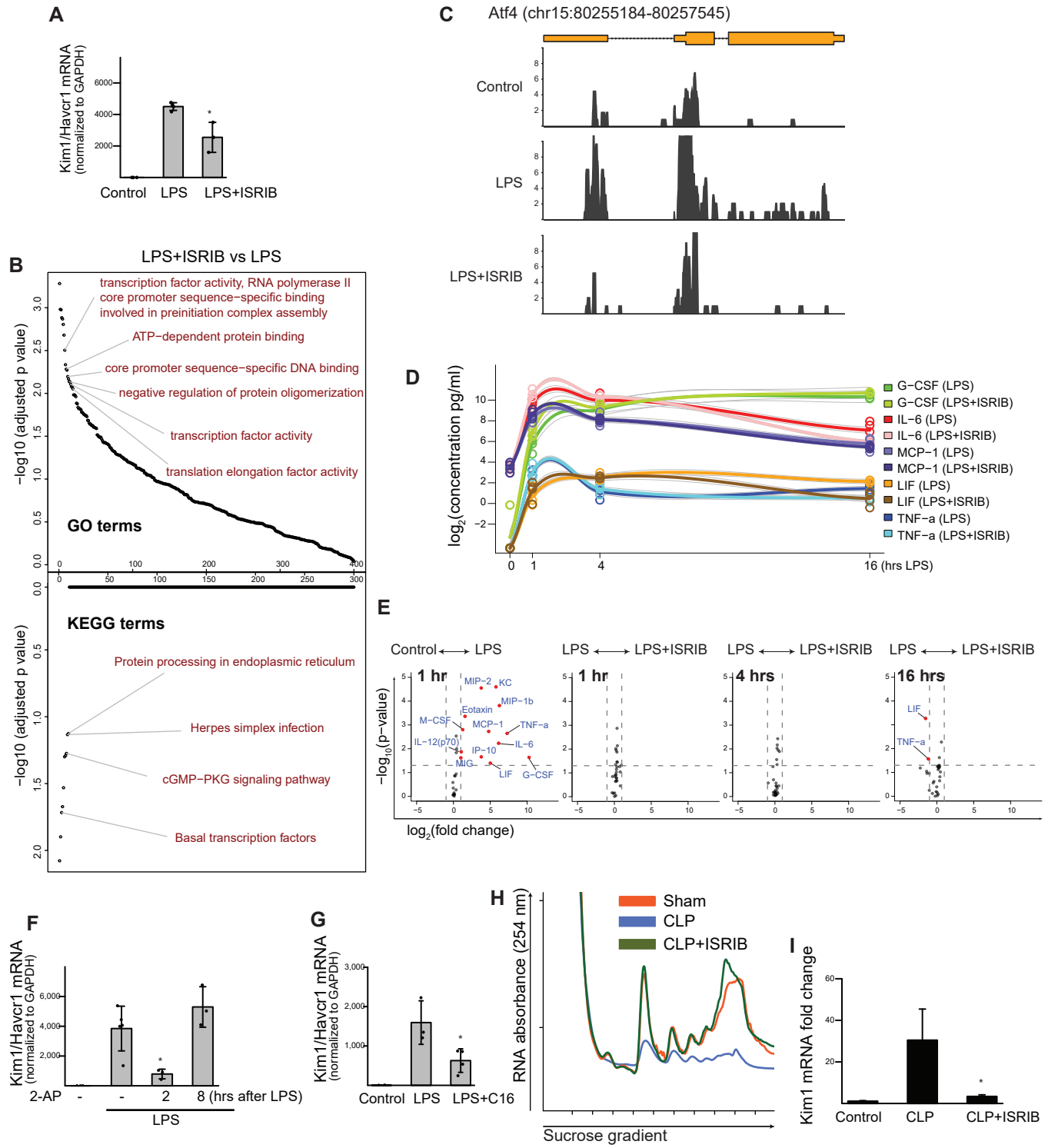
Supplemental Fig. 13.
(**A** and **B**) Differential effect of lactimidomycin/puromcyin is shown for Oas1a and Rsad2. Kidneys from control mice and mice treated with lactimidomycin/puromcyin in vivo were harvested for ribo-seq. Arrow points to the Rsad2 initiation site where initiating ribosomes fixed by lactimidomycin withstood the effect of puromycin as expected. The rest of ribosomes on CDS fell off due to puromycin. In contrast, Oas1a ribosomes were largely unaffected by the lactimidomycin/puromcyin treatment, indicating different kinetics. For clarity, only the blue frame signal is shown for both genes. RPF read coverages were binned every 15 nucleotides, thus the height of each histogram bar represents a sum of 15 nucleotide RPF coverage. Also note that short-term in vivo lactimidomycin/puromcyin use was associated with incomplete isolation of initiation sites. Thus subtraction of lactimidomycin/puromcyin treated reads from untreated reads was done to clearly illustrate their effect. (**C**) Western blot analysis of Raw 276.4 cells treated with 50 ug/ml poly (I:C), a dsRNA analog and activator of TLR3 and PKR (Eif2ak2), with or without 1 mM 2-aminopurine (2-AP), a PKR inhibitor, for indicated durations. Arrow points to Ser51 phospho-Eif2α. (**D-F**) Ribo-seq analysis of Eif2ak1, Eif2ak3, and Eif2ak4 revealed no significant changes in the translation of these kinases. (**G**) Violin plots of kidney tissue amino acid levels determined by metabolomics (left, control; right, LPS 5 mg/kg 24h for each amino acid). There was no systematic amino acid depletion, consistent with the lack of Eif2ak4 activation (n=8 for each condition).

Supplemental Figure 14



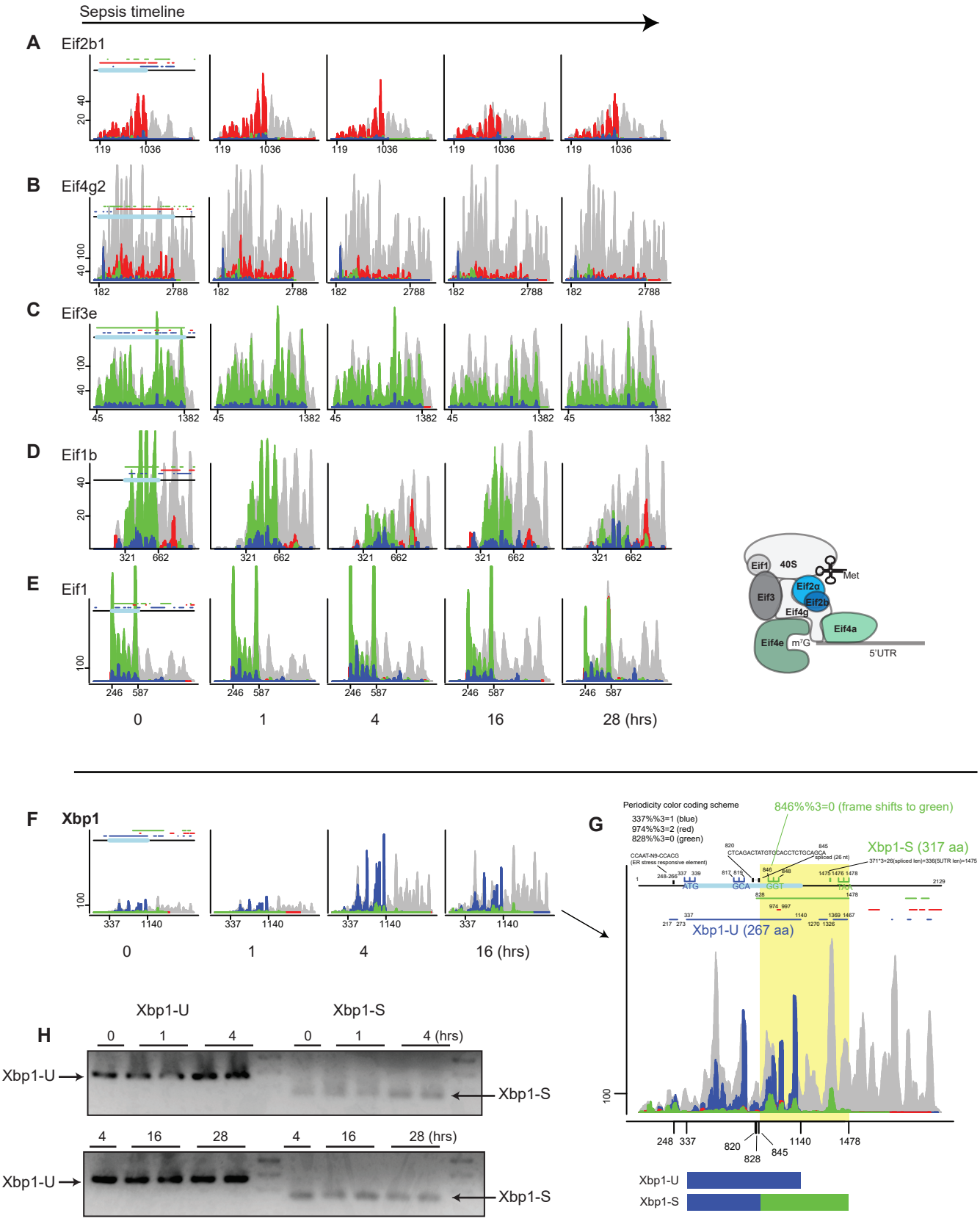
Supplemental Fig. 14.
(**A-D**) Ribo-seq analysis of select genes downstream of Atf4. Note the discrepancy between Ddit3 mRNA (RNA-seq) and ribosome coverage signals (ribo-seq). (**E**) Western blot analysis of kidney tissue lysates for Atf4 under indicated conditions.

Supplemental Figure 15



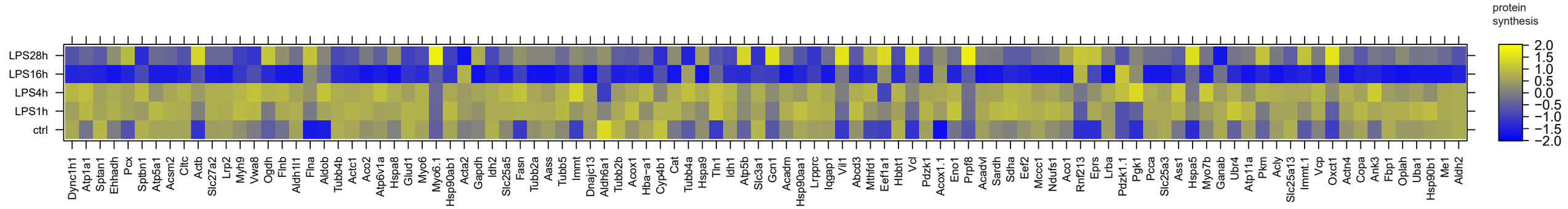
Supplemental Fig. 15.
(**A**) ISRIB or its vehicle were administered i.p. 1 hr after LPS and tissue Kim1/Havcr1 levels determined using quantitative PCR. (**B**) Pathway enrichment analysis comparing LPS+ISRIB and LPS+vehicle treatments (ribo-seq, n=3 per condition). Gene Ontology terms (GO) and Kyoto Encyclopedia of Genes and Genomics (KEGG) metabolic pathways are aligned in the order of statistical significance. (**C**) Representative Atf4 ribo-seq data under indicated conditions. Ribosome protected fragments (black) mapped to the Atf4 genome region are shown (exons in orange). (**D**-**E**) Tissue chemokine/cytokine levels determined by 32 multiplex assay (Milliplex). (**D**) Select cytokine/chemokine levels are shown to illustrate the similarities between LPS alone and LPS+ISRIB treated groups. ISRIB was administered 15 min after LPS. Locally weighted regression curve fitting was applied for generating the trajectories and error lines (gray). n=4 for each time point per group. (**E**) Volcano plots under indicated conditions. The vertical dotted lines demarcate ± 2 fold changes (log2(2)) and horizontal lines demarcate p value < 0.05 (-log10(0.05)). Genes above these thresholds are shown in red and annotated. (**F**) In vivo effect of 2-AP treatment (10 mg/kg ip) on sepsis-induced acute kidney injury as determined by tissue Kim1/Havcr1 mRNA levels. Mice were treated with LPS for 16 hrs with or without 2-AP administered at indicated time points. (**G**) Tissue Kim1/Havcr1 mRNA levels. Mice were injected with LPS followed 1 hr later by C16 (0.16 mg/kg ip) or its vehicle (DMSO). Kidneys were harvested 16 hrs after LPS. (**H**) Representative polysomal profiling of kidney extracts from mice under indicated conditions. Polysome-to-monosome ratios are 3.5, 2.7 and 3.7 for sham, CLP, and CLP+ISRIB, respectively. CLP for 16 hrs. ISRIB given at the time of abdominal closure. CLP, cecal ligation and puncture. (**I**) Tissue Kim1 mRNA levels under indicated conditions. *p<0.05 vs. LPS without ISRIB, 2-AP or C16 treatment.

Supplemental Figure 16

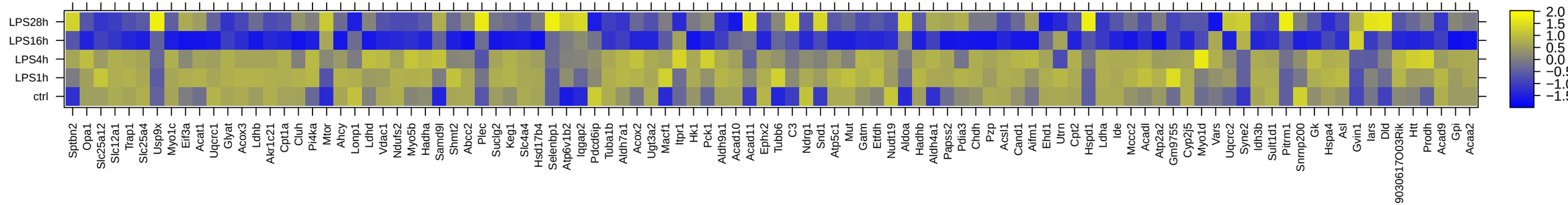


Supplemental Fig. 16.
(**A**-**E**) Ribo-seq analysis of select genes involved in cap-dependent translation initiation.
(**F**-**G**) Xbp1 undergoes unconventional splicing upon ER stress, which gives rise to the formation of Xbp1-S isoform (instead of unspliced Xbp1-U isoform). As illustrated in (**G**), the splicing causes a frameshift (-26 nt) such that the codon-periodicity frame changes from blue to green at position 846, thereby bypassing the Xbp1-U stop codon at 1140. In contrast, RPFs derived from unspliced Xbp1-U have blue frame periodicity throughout and stops at 1140. Xbp1-S level (as well as Xbp-U) increased with LPS challenge. (**H**) RT-PCR analysis of Xbp1 splicing, confirming the increase of Xbp-S at 4 and 16 hrs.

Supplemental Table 1



Nascent proteins are sorted by peptide-spectrum matches (PSMs) in decreasing order and 100 proteins are displayed on each page. Page 1 (this page) shows top 100 abundant nascent proteins by PSMs. Abundance values are log2 transformed and scaled for a set of proteins in each page. Protein names are converted to gene symbols for ease of comparison with ribo-seq data.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Pi4ka
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Hadha
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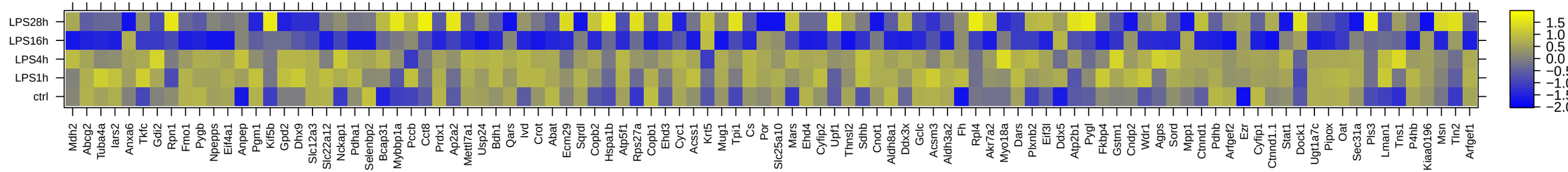
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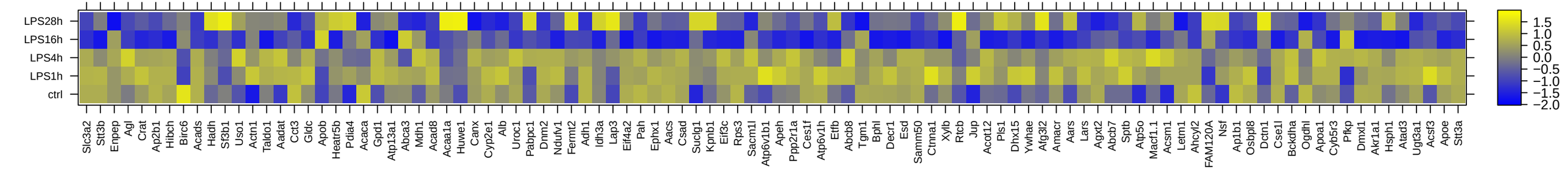
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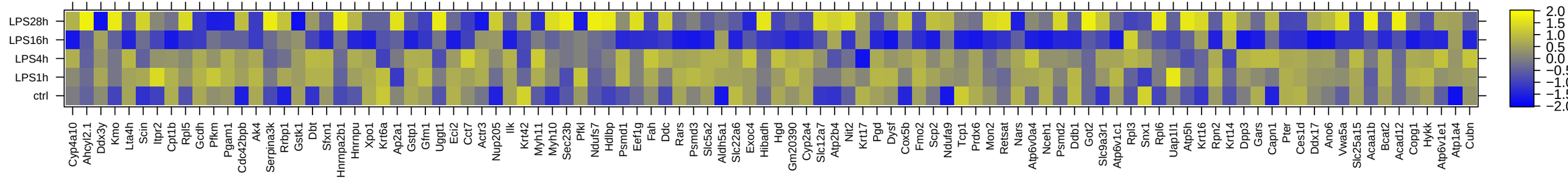
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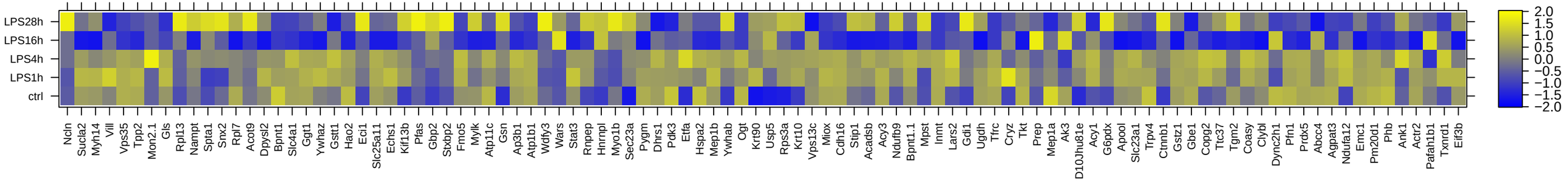
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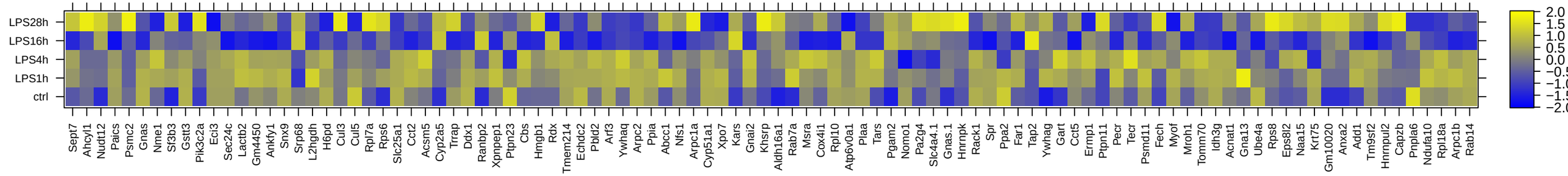
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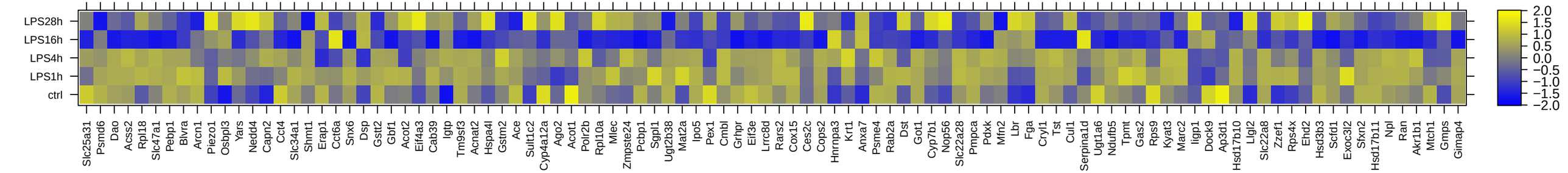
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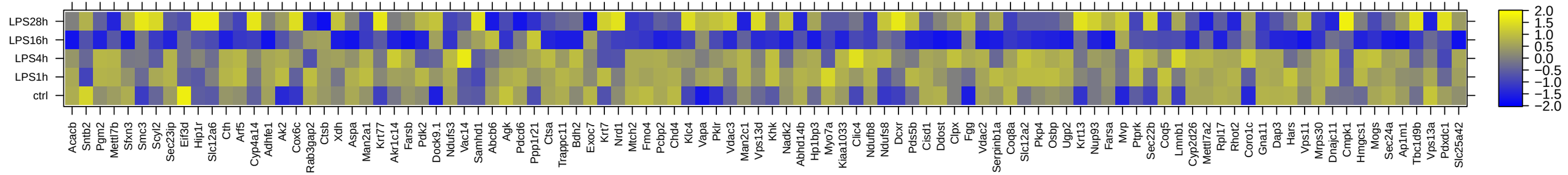
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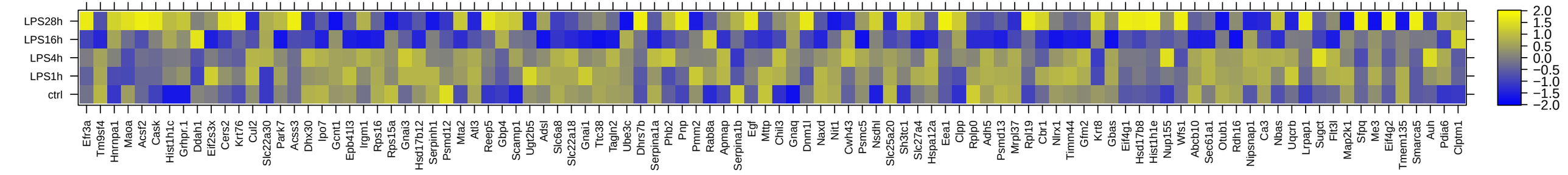
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Tagln2
Ube3c
Dhrs7b
Serpina1a
Phb2
Pnp
Pmm2
Rab8a
Apmap
Serpina1b
Egf
Mttp
Chil3
Gnaq
Dnm1l
Naxd
Nit1
Cwh43
Psmc5
Nsdhl
Slc25a20
Sh3tc1
Slc27a4
Hspa12a
Eea1
Clpp
Rplp0
Adh5
Psmd13
Mrpl37
Rpl19
Cbr1
Nlrx1
Timm44
Gfm2
Krt8
Gbas
Eif4g1
Hsd17b8
Hist1h1e
Nup155
Wfs1
Abcb10
Sec61a1
Otub1
Rdh16
Nipsnap1
Ca3
Nbas
Uqcrb
Lrpap1
Sugct
Flt3l
Map2k1
Sfpq
Me3
Eif4g2
Tmem135
Smarca5
Auh
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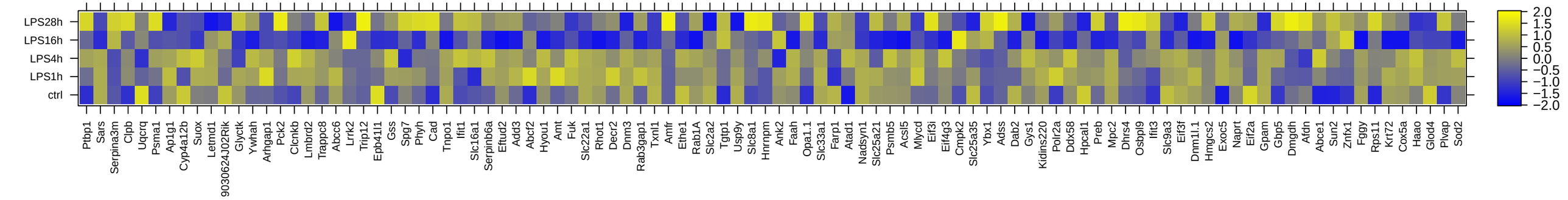
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Uqcrq
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Ap1g1
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Suox
Letmd1
9030624J02Rik
Glyctk
Ywhah
Arhgap1
Pck2
Clcnkb
Lmbrd2
Trappc8
Abcc6
Lrrk2
Trip12
Epb41l1
Gss
Spg7
Phyh
Cad
Tnpo1
Ifit1
Slc16a1
Serpinb6a
Eftud2
Add3
Abcf2
Hyou1
Amt
Fuk
Slc22a1
Rhot1
Decr2
Dnm3
Rab3gap1
Txnl1
Amfr
Ethe1
Rab1A
Slc2a2
Tgtp1
Usp9y
Slc8a1
Hnrnpm
Ank2
Faah
Opa1.1
Slc33a1
Farp1
Atad1
Nadsyn1
Slc25a21
Psmb5
Acsl5
Mlycd
Eif3i
Eif4g3
Cmpk2
Slc25a35
Ybx1
Adss
Dab2
Gys1
Kidins220
Polr2a
Ddx58
Hpcal1
Preb
Mpc2
Dhrs4
Osbpl9
Ifit3
Slc9a3
Eif3f
Dnm1l.1
Hmgcs2
Exoc5
Naprt
Eif2a
Gpam
Gbp5
Dmgdh
Afdn
Abce1
Sun2
Znfx1
Fggy
Rps11
Krt72
Cox5a
Haao
Glod4
Plvap
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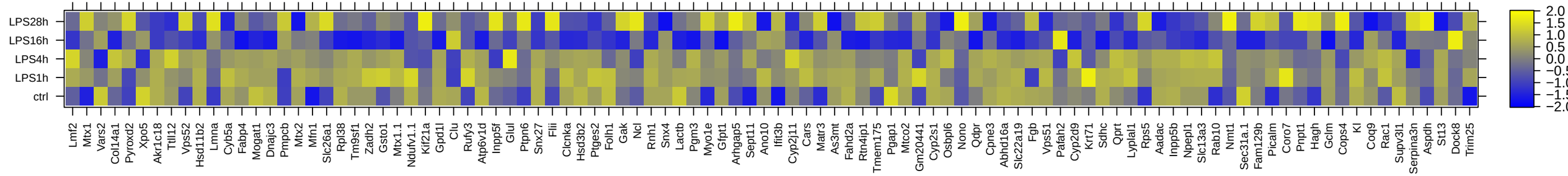
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Vars2
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Pyroxd2
Xpo5
Akr1c18
Ttll12
Vps52
Hsd11b2
Lmna
Cyb5a
Fabp4
Mogat1
Dnajc3
Pmpcb
Mtx2
Mfn1
Slc26a1
Rpl38
Tm9sf1
Zadh2
Gsto1
Mtx1.1
Ndufv1.1
Kif21a
Gpd1l
Clu
Rufy3
Atp6v1d
Inpp5f
Glul
Ptpn6
Snx27
Flii
Clcnka
Hsd3b2
Ptges2
Folh1
Gak
Ncl
Rnh1
Snx4
Lactb
Pgm3
Myo1e
Gfpt1
Arhgap5
Sept11
Ano10
Ifit3b
Cyp2j11
Cars
Matr3
As3mt
Fahd2a
Rtn4ip1
Tmem175
Pgap1
Mtco2
Gm20441
Cyp2s1
Osbpl6
Nono
Qdpr
Cpne3
Abhd16a
Slc22a19
Fgb
Vps51
Pafah2
Cyp2d9
Krt71
Sdhc
Qprt
Lyplal1
Rps5
Aadac
Inpp5b
Npepl1
Slc13a3
Rab10
Nmt1
Sec31a.1
Fam129b
Picalm
Coro7
Pnpt1
Hagh
Gclm
Cops4
Kl
Coq9
Rac1
Supv3l1
Serpina3n
Aspdh
St13
Dock8
Trim25
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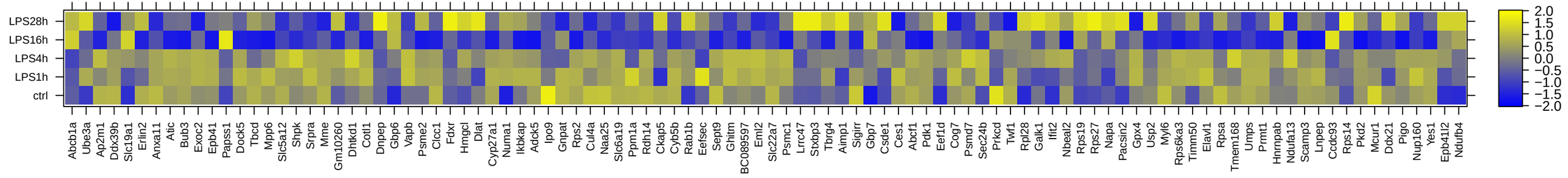
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Slc19a1
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Atic
Bub3
Exoc2
Epb41
Papss1
Dock5
Tbcd
Mpp6
Slc5a12
Shpk
Srpra
Mme
Gm10260
Dhtkd1
Cotl1
Dnpep
Gbp6
Vapb
Psme2
Clcc1
Fdxr
Hmgcl
Dlat
Cyp27a1
Numa1
Ikbkap
Adck5
Ipo9
Gnpat
Rps2
Cul4a
Naa25
Slc6a19
Ppm1a
Rdh14
Ckap5
Cyb5b
Rab1b
Eefsec
Sept9
Ghitm
BC089597
Eml2
Slc22a7
Psmc1
Lrrc47
Stxbp3
Tbrg4
Aimp1
Sigirr
Gbp7
Csde1
Ces1
Abcf1
Pdk1
Eef1d
Cog7
Psmd7
Sec24b
Prkcd
Twf1
Rpl28
Galk1
Ifit2
Nbeal2
Rps19
Rps27
Napa
Pacsin2
Gpx4
Usp2
Myl6
Rps6ka3
Timm50
Elavl1
Rpsa
Tmem168
Umps
Prmt1
Hnrnpab
Ndufa13
Scamp3
Lnpep
Ccdc93
Rps14
Pkd2
Mcur1
Ddx21
Pigo
Nup160
Yes1
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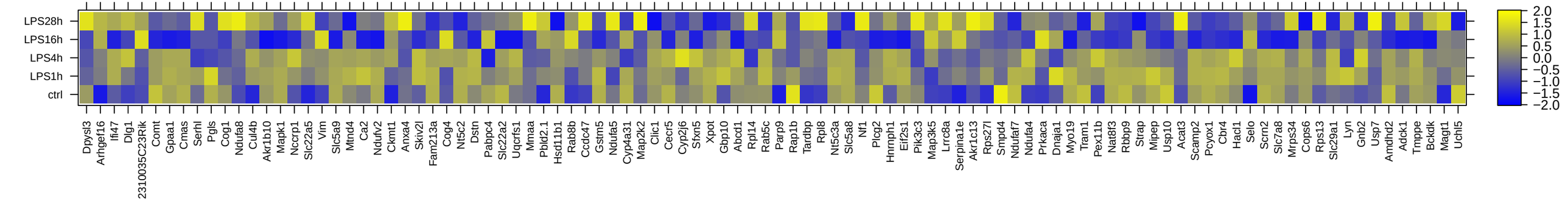
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LPS4h
LPS1h
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Ifi47
Dlg1
2310035C23Rik
Comt
Gpaa1
Cmas
Serhl
Pgls
Cog1
Ndufa8
Cul4b
Akr1b10
Mapk1
Ncrp1
Slc22a5
Vim
Slc5a9
Mtnd4
Ca2
Ndufv2
Ckmt1
Anxa4
Skiv2l
Fam213a
Cog4
Nt5c2
Dstn
Pabpc4
Slc22a2
Uqcrfs1
Mmaa
Pbld2.1
Hsd11b1
Rab8b
Ccdc47
Gstm5
Ndufa5
Cyp4a31
Map2k2
Clic1
Cecr5
Cyp2j6
Sfxn5
Xpot
Gbp10
Abcd1
Rpl14
Rab5c
Parp9
Rap1b
Tardbp
Rpl8
Nt5c3a
Slc5a8
Nf1
Plcg2
Hnrnph1
Eif2s1
Pik3c3
Map3k5
Lrrc8a
Serpina1e
Akr1c13
Rps27l
Smpd4
Ndufaf7
Ndufa4
Prkaca
Dnaja1
Myo19
Tram1
Pex11b
Nat8f3
Rbbp9
Strap
Mipep
Usp10
Acat3
Scamp2
Pcyox1
Cbr4
Hacl1
Selo
Scrn2
Slc7a8
Mrps34
Cops6
Rps13
Slc29a1
Lyn
Gnb2
Usp7
Amdhd2
Adck1
Tmppe
Bckdk
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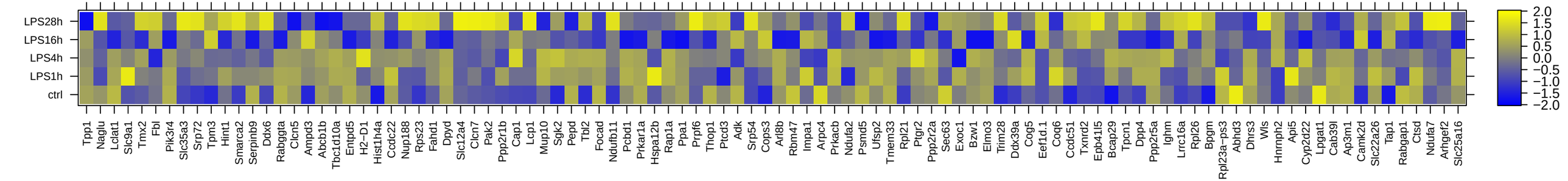
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Lclat1
Slc9a1
Tmx2
Fbl
Pik3r4
Slc35a3
Srp72
Tpm3
Hint1
Smarca2
Serpinb9
Ddx6
Rabggta
Clcn5
Ampd3
Abcb1b
Tbc1d10a
Entpd5
H2−D1
Hist1h4a
Ccdc22
Nup188
Rps23
Fahd1
Dpyd
Slc12a4
Clcn7
Pak2
Ppp2r1b
Cap1
Lcp1
Mup10
Sgk2
Pepd
Tbl2
Focad
Ndufb11
Pcbd1
Prkar1a
Hspa12b
Rap1a
Ppa1
Prpf6
Thop1
Ptcd3
Adk
Srp54
Cops3
Arl8b
Rbm47
Impa1
Arpc4
Prkacb
Ndufa2
Psmd5
Ufsp2
Tmem33
Rpl21
Ptgr2
Ppp2r2a
Sec63
Exoc1
Bzw1
Elmo3
Trim28
Ddx39a
Cog5
Eef1d.1
Coq6
Ccdc51
Txnrd2
Epb41l5
Bcap29
Tpcn1
Dpp4
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Lrrc16a
Rpl26
Bpgm
Rpl23a−ps3
Abhd3
Dhrs3
Wls
Hnrnph2
Api5
Cyp2d22
Lpgat1
Cab39l
Ap3m1
Camk2d
Slc22a26
Tap1
Rabgap1
Ctsd
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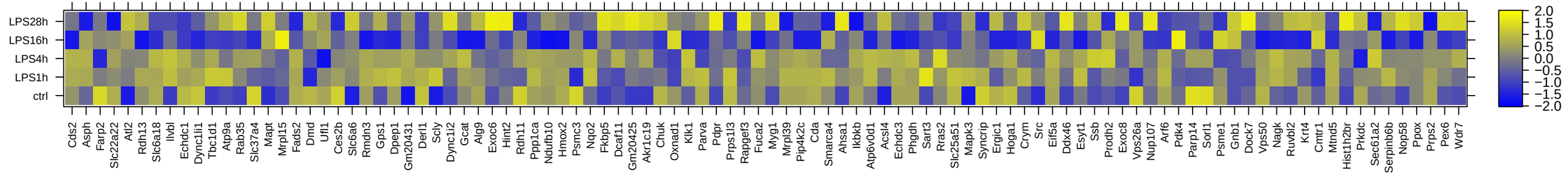
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Farp2
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Atl2
Rdh13
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Echdc1
Dync1li1
Tbc1d1
Atp9a
Rab35
Slc37a4
Mapt
Mrpl15
Fads2
Dmd
Ufl1
Ces2b
Slc6a6
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Gps1
Dpep1
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Derl1
Scly
Dync1i2
Gcat
Alg9
Exoc6
Hint2
Rdh11
Ppp1ca
Ndufb10
Hmox2
Psmc3
Nqo2
Fkbp5
Dcaf11
Gm20425
Akr1c19
Chuk
Oxnad1
Klk1
Parva
Pdpr
Prps1l3
Rapgef3
Fuca2
Myg1
Mrpl39
Pip4k2c
Cda
Smarca4
Ahsa1
Ikbkb
Atp6v0d1
Acsl4
Echdc3
Phgdh
Sart3
Rras2
Slc25a51
Mapk3
Syncrip
Ergic1
Hoga1
Crym
Src
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Ddx46
Esyt1
Ssb
Prodh2
Exoc8
Vps26a
Nup107
Arf6
Pdk4
Parp14
Sorl1
Psme1
Gnb1
Dock7
Vps50
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Ruvbl2
Krt4
Cmtr1
Mtnd5
Hist1h2br
Prkdc
Sec61a2
Serpinb6b
Nop58
Ppox
Prps2
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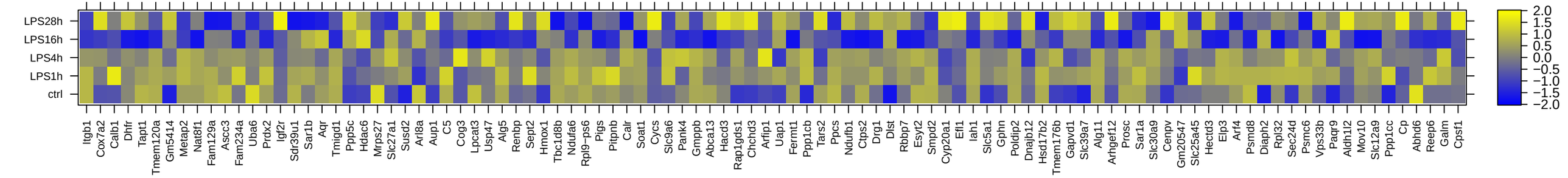
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Fam129a
Ascc3
Fam234a
Uba6
Prdx2
Igf2r
Sdr39u1
Sar1b
Aqr
Tmigd1
Ppp5c
Hdac6
Mrps27
Slc27a1
Susd2
Arl8a
Aup1
C5
Cog3
Lpcat3
Usp47
Alg5
Renbp
Sept2
Hmox1
Tbc1d8b
Ndufa6
Rpl9−ps6
Pigs
Pitpnb
Calr
Soat1
Cycs
Slc9a6
Pank4
Gmppb
Abca13
Hacd3
Rap1gds1
Chchd3
Arfip1
Uap1
Fermt1
Ppp1cb
Tars2
Ppcs
Ndufb1
Ctps2
Drg1
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Rbbp7
Esyt2
Smpd2
Cyp20a1
Efl1
Iah1
Slc5a1
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Poldip2
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Prosc
Sar1a
Slc30a9
Cenpv
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Elp3
Arf4
Psmd8
Diaph2
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Sec24d
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Paqr9
Aldh1l2
Mov10
Slc12a9
Ppp1cc
Cp
Abhd6
Reep6
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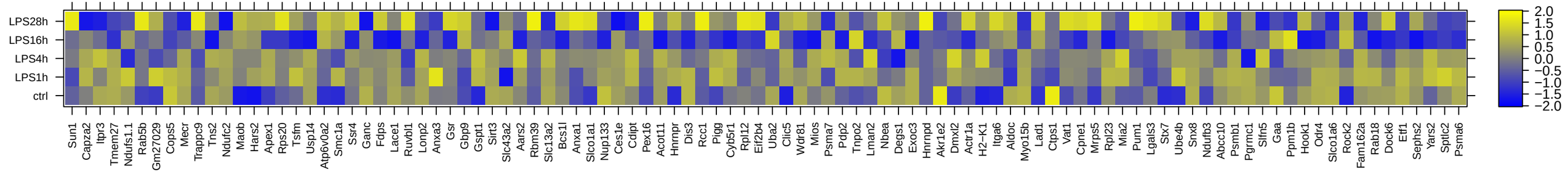
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LPS1h
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Cops5
Mecr
Trappc9
Tns2
Ndufc2
Maob
Hars2
Apex1
Rps20
Tsfm
Usp14
Atp6v0a2
Smc1a
Ssr4
Ganc
Fdps
Lace1
Ruvbl1
Lonp2
Anxa3
Gsr
Gbp9
Gspt1
Sirt3
Slc43a2
Aars2
Rbm39
Slc13a2
Bcs1l
Anxa1
Slco1a1
Nup133
Ces1e
Cdipt
Pex16
Acot11
Hnrnpr
Dis3
Rcc1
Pigg
Cyb5r1
Rpl12
Eif2b4
Uba2
Clic5
Wdr81
Mios
Psma7
Pdp2
Tnpo2
Lman2
Nbea
Degs1
Exoc3
Hnrnpd
Akr1e2
Dmxl2
Actr1a
H2−K1
Itga6
Aldoc
Myo15b
Lad1
Ctps1
Vat1
Cpne1
Mrps5
Rpl23
Mia2
Pum1
Lgals3
Stx7
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Snx8
Ndufb3
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Psmb1
Pgrmc1
Slfn5
Gaa
Ppm1b
Hook1
Odr4
Slco1a6
Rock2
Fam162a
Rab18
Dock6
Etf1
Sephs2
Yars2
Sptlc2
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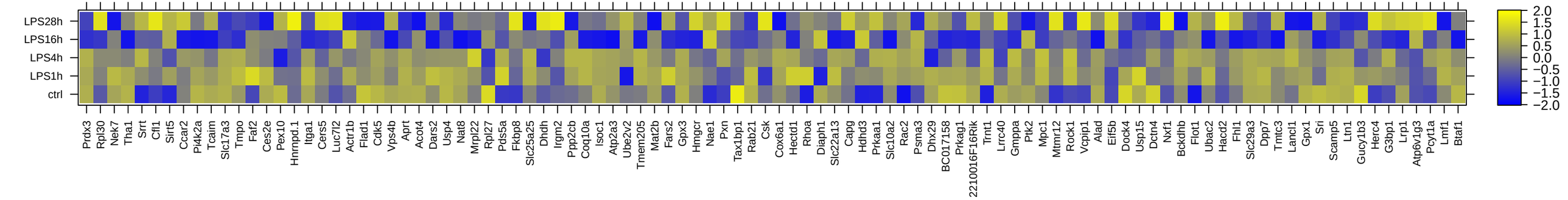
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LPS1h
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Srrt
Cfl1
Sirt5
Ccar2
Pi4k2a
Tcaim
Slc17a3
Tmpo
Faf2
Ces2e
Pex10
Hnrnpd.1
Itga1
Cers5
Luc7l2
Actr1b
Flad1
Cdk5
Vps4b
Aprt
Acot4
Dars2
Usp4
Nat8
Mrpl22
Rpl27
Pds5a
Fkbp8
Slc25a25
Dhdh
Irgm2
Ppp2cb
Coq10a
Isoc1
Atp2a3
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Mat2b
Fars2
Gpx3
Hmgcr
Nae1
Pxn
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Csk
Cox6a1
Hectd1
Rhoa
Diaph1
Slc22a13
Capg
Hdhd3
Prkaa1
Slc10a2
Rac2
Psma3
Dhx29
BC017158
Prkag1
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Trnt1
Lrrc40
Gmppa
Ptk2
Mpc1
Mtmr12
Rock1
Vcpip1
Alad
Eif5b
Dock4
Usp15
Dctn4
Nxf1
Bckdhb
Flot1
Ubac2
Hacd2
Fhl1
Slc29a3
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Tmtc3
Lancl1
Gpx1
Sri
Scamp5
Ltn1
Gucy1b3
Herc4
G3bp1
Lrp1
Atp6v1g3
Pcy11a
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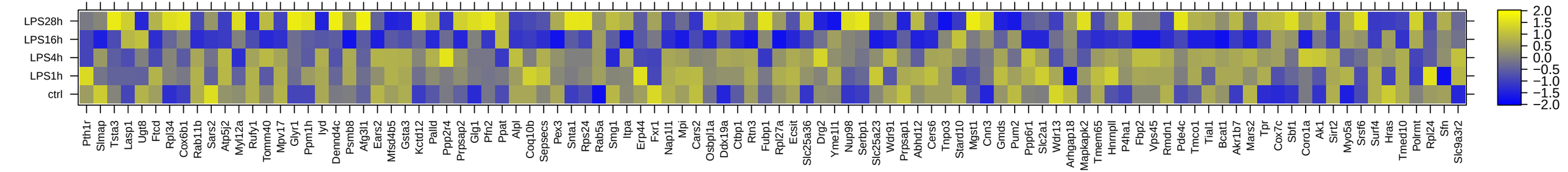
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LPS1h
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Ugt8
Ftcd
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Sars2
Atp5j2
Myl12a
Rufy1
Tomm40
Mpv17
Glyr1
Ppm1h
Iyd
Dennd4c
Psmb8
Afg3l1
Ears2
Mfsd4b5
Gsta3
Kctd12
Palld
Ppp2r4
Prpsap2
Glg1
Pfn2
Ppat
Alpl
Coq10b
Sepsecs
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Snta1
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Rab5a
Smg1
Itpa
Erp44
Fxr1
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Cars2
Osbpl1a
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Ctbp1
Rtn3
Fubp1
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Slc25a36
Drg2
Yme1l1
Nup98
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Prpsap1
Abhd12
Cers6
Tnpo3
Stard10
Mgst1
Cnn3
Gmds
Pum2
Ppp6r1
Slc2a1
Wdr13
Arhgap18
Mapkapk2
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Pde4c
Tmco1
Tial1
Bcat1
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Mars2
Tpr
Cox7c
Sbf1
Coro1a
Ak1
Sirt2
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Srsf6
Surf4
Hras
Tmed10
Polrmt
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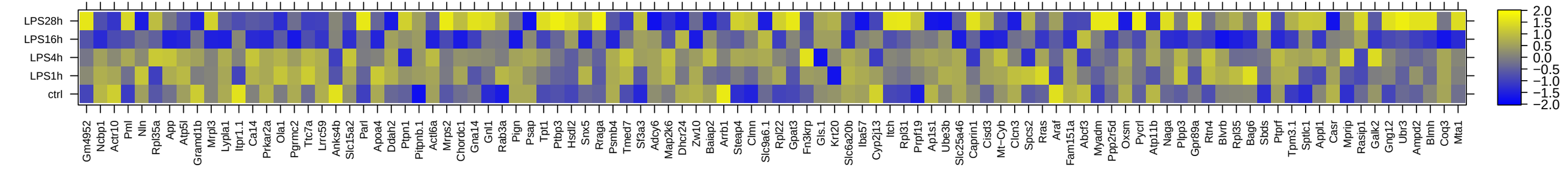
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LPS4h
LPS1h
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Actr10
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Nln
Rpl35a
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Gramd1b
Mrpl3
Lypla1
Itpr1.1
Ca14
Prkar2a
Ola1
Pgrmc2
Ttc7a
Lrrc59
Anks4b
Slc15a2
Parl
Apoa4
Ddah2
Ptpn1
Ptpnb.1
Actl6a
Mrps2
Chordc1
Gna14
Gnl1
Rab3a
Pign
Psap
Tpt1
Ptbp3
Hsdl2
Snx5
Rraga
Psmb4
Tmed7
Sf3a3
Adcy6
Map2k6
Dhcr24
Zw10
Balap2
Arrb1
Steap4
Clmn
Slc9a6.1
Rpl22
Gpat3
Fn3krp
Gls.1
Krt20
Slc6a20b
Iba57
Cyp2j13
Itch
Rpl31
Prpf19
Ap1s1
Ube3b
Slc25a46
Caprin1
Cisd3
Mt−Cyb
Clcn3
Spcs2
Rras
Araf
Fam151a
Abcf3
Myadm
Ppp2r5d
Oxsm
Pycrl
Atp11b
Naga
Plpp3
Gpr89a
Rtn4
Blvrb
Rpl35
Bag6
Sbds
Ptprf
Tpm3.1
Sptlc1
Appl1
Casr
Mprip
Rasip1
Galk2
Gng12
Ubr3
Ampd2
Blmh
Coq3
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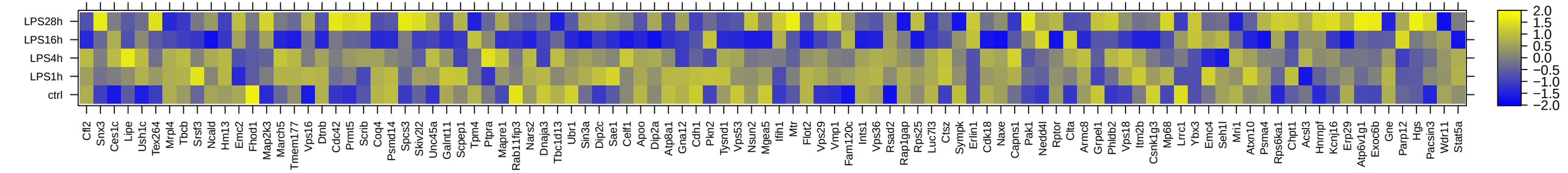
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Ush1c
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Tbcb
Srsf3
Ncald
Hm13
Emc2
Fhod1
Map2k3
March5
Tmem177
Vps16
Dtnb
Cdc42
Prmt5
Scrib
Coq4
Psmd14
Spcs3
Skiv2l2
Unc45a
Galnt11
Scpep1
Tpm4
Ptpra
Mapre1
Rab11fip3
Nars2
Dnaja3
Tbc1d13
Ubr1
Sin3a
Dip2c
Sae1
Celf1
Apoo
Dip2a
Atp8a1
Gna12
Cdh1
Pkn2
Tysnd1
Vps53
Nsun2
Mgea5
Ifih1
Mtr
Flot2
Vps29
Vmp1
Fam120c
Ints1
Vps36
Rsad2
Rap1gap
Rps25
Luc7l3
Ctsz
Sympk
Erlin1
Cdk18
Naxe
Capns1
Pak1
Nedd4l
Rptor
Clta
Armc8
Grpel1
Phldb2
Vps18
Itm2b
Csnk1g3
Mp68
Lrrc1
Ybx3
Emc4
Sen1l
Mri1
Atxn10
Psma4
Rps6ka1
Chpt1
Acsl3
Hnrnpf
Kcnj16
Erp29
Atp6v1g1
Exoc6b
Gne
Parp12
Hgs
Pacsin3
Wdr11
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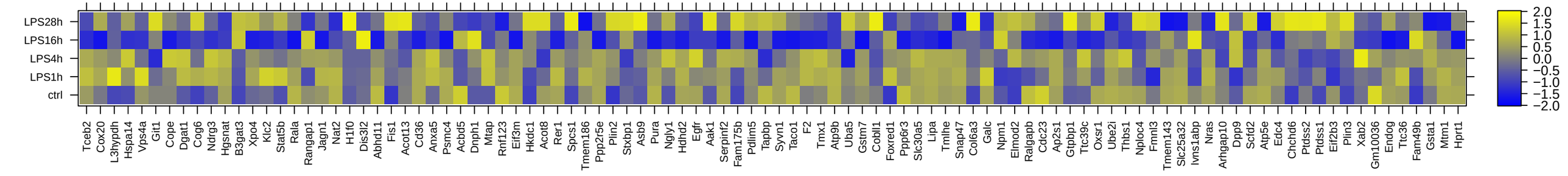
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Cope
Dgat1
Cog6
Ndrg3
Hgsnat
B3gat3
Xpo4
Klc2
Stat5b
Rala
Rangap1
Jagn1
Nat2
H1f0
Dis3l2
Abhd11
Fis1
Acot13
Cd36
Anxa5
Psmc4
Acbd5
Dnph1
Mtap
Rnf123
Eif3m
Hkdc1
Acot8
Rer1
Spcs1
Tmem186
Ppp2r5e
Plin2
Stxbp1
Asb9
Pura
Ngly1
Hdhd2
Egfr
Aak1
Serpinf2
Fam175b
Pdlim5
Tapbp
Syvn1
Taco1
F2
Tmx1
Atp9b
Uba5
Gstm7
Cobll1
Foxred1
Ppp6r3
Slc30a5
Lipa
Tmlhe
Snap47
Col6a3
Galc
Npm1
Elmod2
Ralgapb
Cdc23
Ap2s1
Gtpbp1
Ttc39c
Oxsr1
Ube2i
Thbs1
Nploc4
Fmnl3
Tmem143
Slc25a32
Ivns1abp
Nras
Arhgap10
Dpp9
Scfd2
Atp5e
Edc4
Chchd6
Ptdss2
Ptdss1
Eif2b3
Plin3
Xab2
Gm10036
Endog
Tfc36
Fam49b
Gsta1
Mtm1
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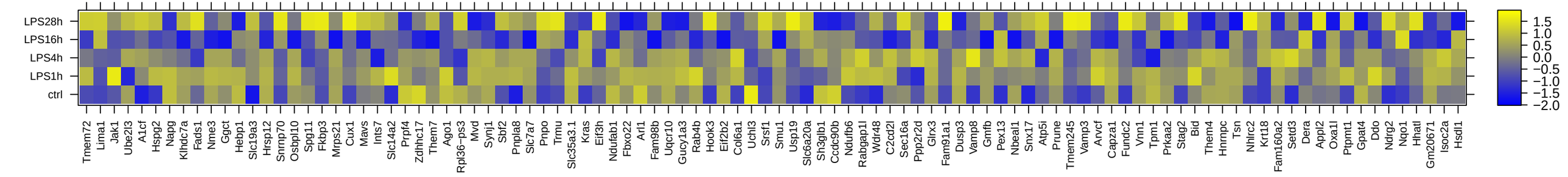
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Napg
Klhdc7a
Fads1
Nme3
Ggct
Hebp1
Slc19a3
Hrsp12
Snrnp70
Osbpl10
Spg11
Fkbp3
Mrps21
Cux1
Mavs
Ints7
Slc14a2
Prpf4
Zdhhc17
Them7
Ago1
Rpl36−ps3
Mvd
Synj1
Sbf2
Pnpla8
Slc7a7
Pnpo
Trmu
Slc35a3.1
Kras
Eif3h
Ndufab1
Fbxo22
Arl1
Fam98b
Uqcr10
Gucy1a3
Rab4b
Hook3
Eif2b2
Col6a1
Uchl3
Srsf1
Smu1
Usp19
Slc6a20a
Sh3glb1
Ccdc90b
Ndufb6
Rabgap1l
Wdr48
C2cd2l
Sec16a
Ppp2r2d
Glrx3
Fam91a1
Dusp3
Vamp8
Gmfb
Pex13
Nbeal1
Snx17
Atp5i
Prune
Tmem245
Vamp3
Arvcf
Capza1
Fundc2
Vnn1
Tpm1
Prkaa2
Stag2
Bid
Them4
Hnrnpc
Tsn
Nhlrc2
Krt18
Fam160a2
Setd3
Dera
Appl2
Oxa1l
Ptpmt1
Gpat4
Ddo
Ndrg2
Nqo1
Hhatl
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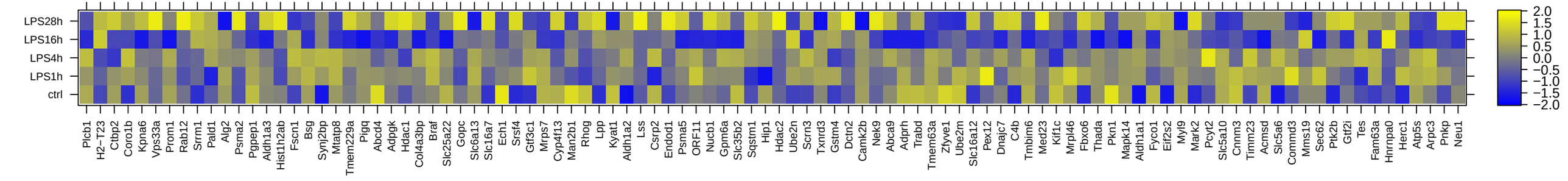
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LPS4h
LPS1h
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Ctbp2
Coro1b
Kpna6
Vps33a
Prom1
Rab12
Srrm1
Pald1
Alg2
Psma2
Pgpep1
Aldh1a3
Hist1h2ab
Fscn1
Bsg
Synj2bp
Mtatp8
Tmem229a
Pigq
Abcd4
Adpgk
Hdac1
Col4a3bp
Braf
Slc25a22
Gopc
Slc6a13
Slc16a7
Ech1
Srsf4
Gtf3c1
Mrps7
Cyp4f13
Man2b1
Rhog
Lpp
Kyat1
Aldh1a2
Lss
Csrp2
Endod1
Psma5
ORF11
Nucb1
Gpm6a
Slc35b2
Sqstm1
Hip1
Hdac2
Ube2n
Scrn3
Txnrd3
Gstm4
Dctn2
Camk2b
Nek9
Abca9
Adprh
Trabd
Tmem63a
Zfyve1
Ube2m
Slc16a12
Pex12
Dnajc7
C4b
Tmbim6
Med23
Kif1c
Mrpl46
Fbxo6
Thada
Pkn1
Mapk14
Aldh1a1
Fyco1
Eif2s2
Myl9
Mark2
Pcyt2
Slc5a10
Cnnm3
Timm23
Acmsd
Slc5a6
Commd3
Mms19
Sec62
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Tes
Fam63a
Hnrnpa0
Herc1
Atp5s
Arpc3
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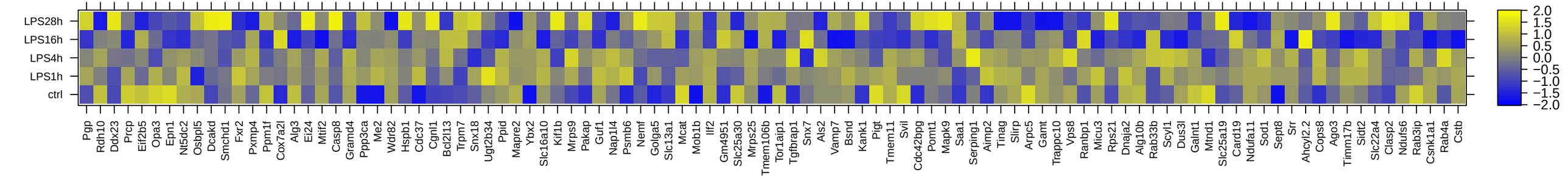
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Osbpl5
Dcakd
Smchd1
Fxr2
Pxmp4
Ppm1f
Cox7a2l
Alg3
Ei24
Mtif2
Casp8
Gramd4
Ppp3ca
Me2
Wdr82
Hspb1
Cdc37
Cgnl1
Bcl2l13
Trpm7
Snx18
Ugt2b34
Ppid
Mapre2
Ybx2
Slc16a10
Kif1b
Mrps9
Pakap
Guf1
Nap1l4
Psmb6
Nemf
Golga5
Slc13a1
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Mob1b
Ilf2
Gm4951
Slc25a30
Mrps25
Tmem106b
Tor1aip1
Tgfbrap1
Snx7
Als2
Vamp7
Bsnd
Kank1
Pigt
Tmem11
Svil
Cdc42bpg
Pomt1
Mapk9
Saa1
Serping1
Aimp2
Tinag
Slirp
Arpc5
Gamt
Trappc10
Vps8
Ranbp1
Micu3
Rps21
Dnaja2
Alg10b
Rab33b
Scyl1
Dus3l
Galnt1
Mtnd1
Slc25a19
Card19
Ndufa11
Sod1
Sept8
Srr
Ahcyl2.2
Cops8
Ago3
Timm17b
Sidt2
Slc22a4
Clasp2
Ndufs6
Rab3ip
Csnk1a1
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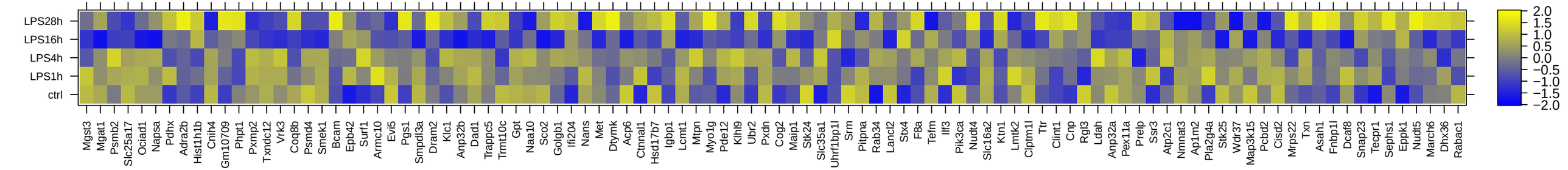
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LPS1h
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Ociad1
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Pdhx
Adra2b
Hist1h1b
Cnih4
Gm10709
Phpt1
Pxmp2
Txndc12
Vrk3
Coq8b
Psmd4
Smek1
Bcam
Epb42
Surf1
Armc10
Evi5
Pgs1
Smpdl3a
Dram2
Klc1
Anp32b
Dad1
Trappc5
Trmt10c
Gpt
Naa10
Sco2
Golgb1
Ifi204
Nans
Met
Dtymk
Acp6
Ctnnal1
Hsd17b7
Igbp1
Lcmt1
Mtpn
Myo1g
Pde12
Klhl9
Ubr2
Pxdn
Cog2
Maip1
Stk24
Slc35a1
Uhrf1bp1l
Srm
Pitpna
Rab34
Lancl2
Stx4
F8a
Tefm
Ilf3
Pik3ca
Nudt4
Slc16a2
Ktn1
Lmtk2
Clptm1l
Ttr
Clint1
Cnp
Rgl3
Ldah
Anp32a
Pex11a
Prelp
Ssr3
Atp2c1
Nmnat3
Ap1m2
Pla2g4a
Stk25
Wdr37
Map3k15
Pcbd2
Cisd2
Mrps22
Txn
Asah1
Fnbp1l
Dcaf8
Snap23
Tecpr1
Sephs1
Eppk1
Nudt5
March6
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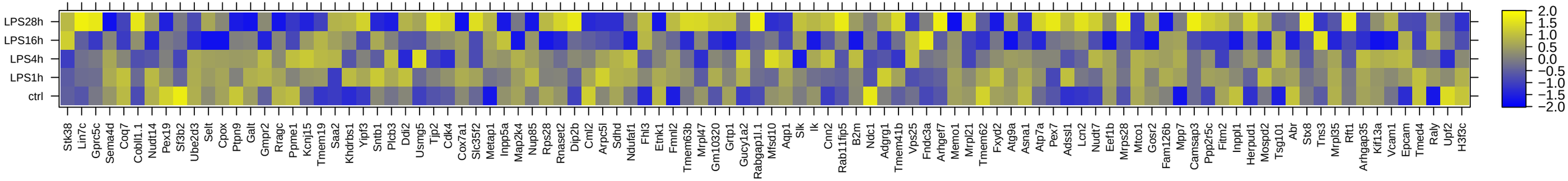
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Sf3b2
Ube2d3
Selt
Cpox
Ptpn9
Galt
Gmpr2
Rragc
Ppme1
Kcnj15
Tmem19
Saa2
Khdrbs1
Ylpf3
Sntb1
Plcb3
Ddi2
Usmg5
Tjp2
Cdk4
Cox7a1
Slc35f2
Metap1
Inpp5a
Map2k4
Nup85
Rps28
Rnaset2
Dip2b
Cml2
Arpc5l
Sdhd
Ndufaf1
Fhl3
Etnk1
Fmnl2
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Gucy1a2
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Mfsd10
Aqp1
Slk
Ik
Cnn2
Rab11fip5
B2m
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Adgrg1
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Mrpl21
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Atg9a
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Atp7a
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Adssl1
Lcn2
Nudt7
Eef1b
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Mtco1
Gosr2
Fam126b
Mpp7
Camsap3
Ppp2r5c
Fitm2
Inppl1
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Mospd2
Tsg101
Abr
Stx8
Tns3
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Rft1
Arhgap35
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Vcam1
Epcam
Tmed4
Raly
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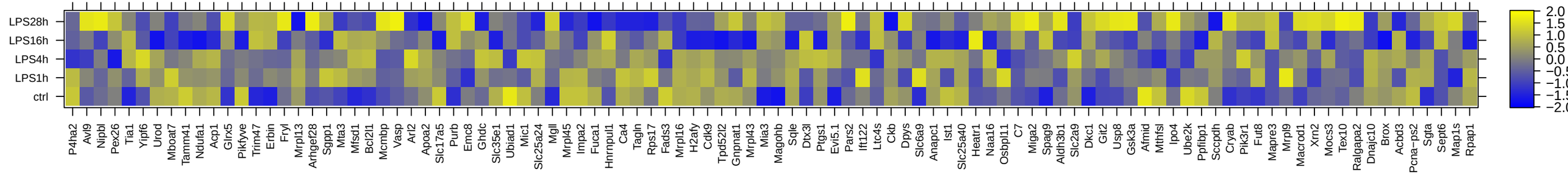
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Tamm41
Ndufa1
Acp1
Glrx5
Pikfyve
Trim47
Erbin
Fryl
Mrpl13
Arhgef28
Sgpp1
Mta3
Mfsd1
Bcl2l1
Mcmbp
Vasp
Arl2
Apoa2
Slc17a5
Purb
Emc8
Ghdc
Slc35e1
Ubiad1
Mic1
Slc25a24
Mgll
Mrpl45
Impa2
Fuca1
Hnrnpul1
Ca4
Tagln
Rps17
Fads3
Mrpl16
H2afy
Cdk9
Tpd52l2
Gnpnat1
Mrpl43
Mia3
Magohb
Sqle
Dtx3l
Ptgs1
Evi5.1
Pars2
Ift122
Ltc4s
Ckb
Dpys
Slc6a9
Anapc1
Ist1
Slc25a40
Heatr1
Naa16
Osbpl11
C7
Miga2
Spag9
Aldh3b1
Slc2a9
Dkc1
Git2
Usp8
Gsk3a
Afmid
Mthfsl
Ipo4
Ube2k
Ppfibp1
Sccpdh
Cryab
Pik3r1
Fut8
Mapre3
Mrpl9
Macrod1
Xrn2
Mocs3
Tex10
Ralgapa2
Dnajc10
Brox
Acbd3
Pcna−ps2
Sgta
Sept6
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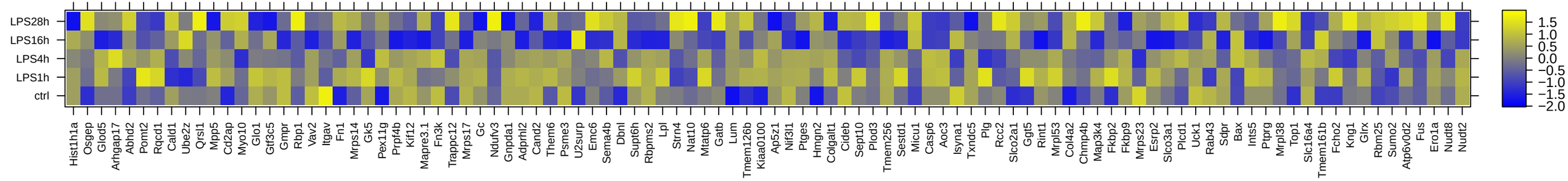
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Pomt2
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Cald1
Ube2z
Qrsl1
Mpp5
Cd2ap
Myo10
Glo1
Gtf3c5
Gmpr
Rbp1
Vav2
Itgav
Fn1
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Gk5
Pex11g
Prpf4b
Kif12
Mapre3.1
Fn3k
Trappc12
Mrps17
Gc
Ndufv3
Gnpda1
Adprhl2
Cand2
Them6
Psme3
U2surp
Emc6
Sema4b
Dbnl
Supt6h
Rbpms2
Lpl
Strn4
Nat10
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Gatb
Lum
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Ap5z1
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Hmgn2
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Cideb
Sept10
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Casp6
Aoc3
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Plg
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Slco2a1
Ggt5
Rint1
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Col4a2
Chmp4b
Map3k4
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Fkbp9
Mrps23
Esrp2
Slco3a1
Plcd1
Uck1
Rab43
Sdpr
Bax
Ints5
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Mrpl38
Top1
Slc16a4
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Fcho2
King1
Glrx
Rbm25
Sumo2
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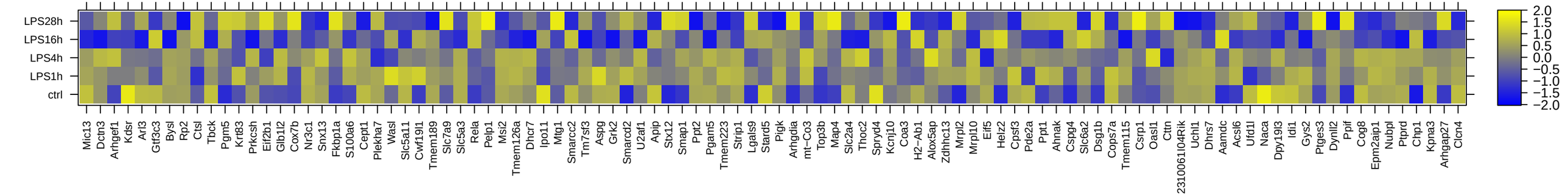
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LPS1h
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Kdsr
Arl3
Gtf3c3
Bysl
Rp2
Ctsl
Tbck
Pgm5
Krt83
Prkcsh
Eif2b1
Glb1l2
Cox7b
Nr3c1
Snx13
Fkbp1a
S100a6
Cept1
Plekha7
Wasl
Slc5a11
Cwf19l1
Tmem189
Slc7a9
Slc5a3
Rela
Pelp1
Msi2
Tmem126a
Dhcr7
Ipo11
Mtg1
Smarcc2
Tm7sf3
Aspg
Grk2
Smarcd2
U2af1
Apip
Stx12
Smap1
Ppt2
Pgam5
Tmem223
Strip1
Lgals9
Stard5
Pigk
Arhgdia
mt−Co3
Top3b
Map4
Slc2a4
Thoc2
Spryd4
Kcnj10
Coa3
H2−Ab1
Alox5ap
Zdhhc13
Mrpl2
Mrpl10
Eif5
Helz2
Cpsf3
Pde2a
Ppt1
Ahnak
Cspg4
Slc6a2
Dsg1b
Cops7a
Tmem115
Csrp1
Oasl1
Cttn
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Dhrs7
Aamdc
Acsl6
Ufd1l
Naca
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Gys2
Ptges3
Dynll2
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Ptprd
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0.0
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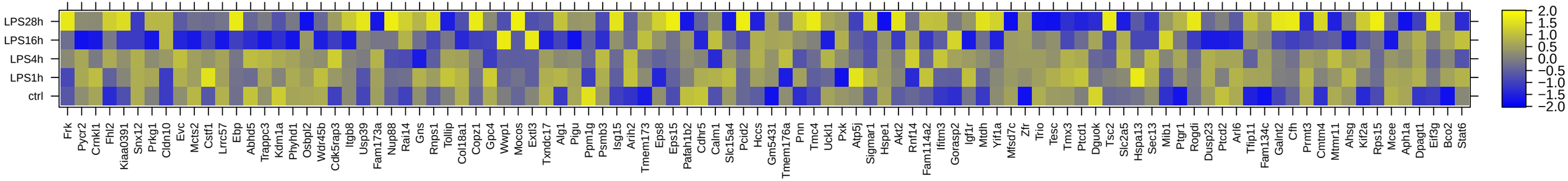
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Evc
Mcts2
Cstf1
Lrrc57
Ebp
Abhd5
Trappc3
Kdm1a
Phyhd1
Osbpl2
Wdr45b
Cdk5rap3
Itgb8
Usp39
Fam173a
Nup88
Rai14
Gns
Rnps1
Tollip
Col18a1
Copz1
Gpc4
Wwp1
Mocos
Extl3
Txndc17
Alg1
Pigu
Ppm1g
Psmb3
Isg15
Arih2
Tmem173
Eps8
Eps15
Pafah1b2
Cdhr5
Calm1
Slc15a4
Pcid2
Hccs
Gm5431
Tmem176a
Pnn
Tmc4
Uckl1
Pxk
Atp5j
Sigmar1
Hspe1
Akt2
Rnf14
Fam114a2
Ifitm3
Gorasp2
Igf1r
Mtdh
Yif1a
Mfsd7c
Zfr
Trio
Tesc
Tmx3
Ptcd1
Dguok
Tsc2
Slc2a5
Hspa13
Sec13
Mib1
Ptgr1
Rogdi
Dusp23
Ptcd2
Arl6
Tfip11
Fam134c
Galnt2
Cfh
Prmt3
Cmtm4
Mtmr11
Ahsg
Kif2a
Rps15
Mcee
Aph1a
Dpagt1
Eif3g
Bco2
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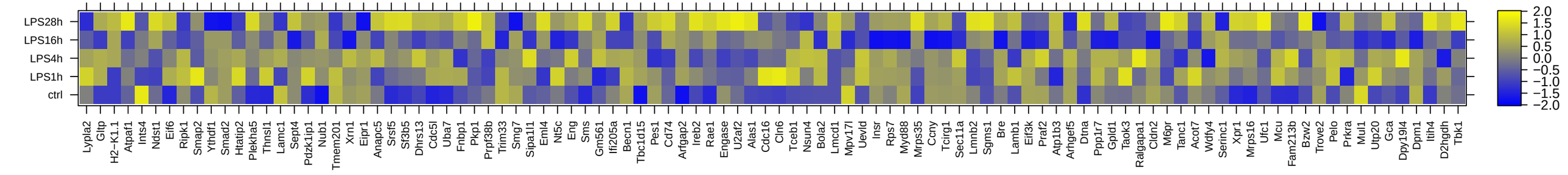
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Ndst1
Eif6
Ripk1
Smap2
Ythdf1
Smad2
Htatip2
Plekha5
Thnsl1
Lamc1
Sept4
Pdzk1ip1
Nub1
Tmem201
Xrn1
Eipr1
Anapc5
Srsf5
Sf3b5
Dhrs13
Cdc5l
Uba7
Fnbp1
Pkp1
Prpf38b
Trim33
Smg7
Sipa1l1
Eml4
Nt5c
Eng
Sms
Gm561
Ifi205a
Becn1
Tbc1d15
Pes1
Cd74
Arfgap2
Ireb2
Rae1
Engase
U2af2
Alas1
Cdc16
Cln6
Tceb1
Nsun4
Bola2
Lmcd1
Mpv17l
Uevld
Insr
Rps7
Myd88
Mrps35
Ccny
Tcirg1
Sec11a
Lmnb2
Sgms1
Bre
Lamb1
Eif3k
Praf2
Atp1b3
Arhgef5
Dtna
Ppp1r7
Gpld1
Taok3
Ralgapa1
Cldn2
M6pr
Tanc1
Acot7
Wdfy4
Serinc1
Xpr1
Mrps16
Ufc1
Mcu
Fam213b
Bzw2
Trove2
Pelo
Prkra
Mul1
Utp20
Gca
Dpy19l4
Dpm1
Itih4
D2hgdh
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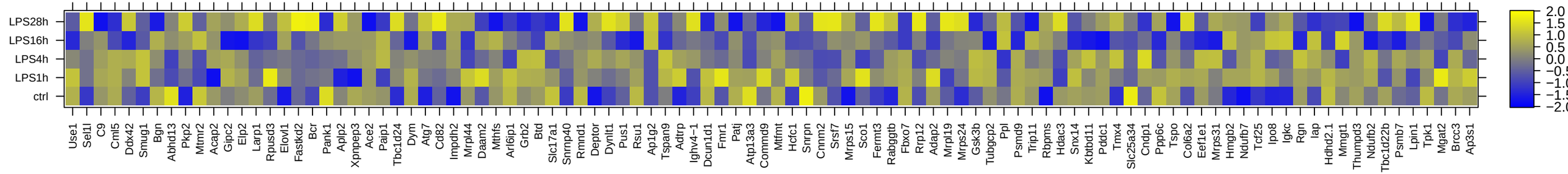
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C9
Cml5
Ddx42
Smug1
Bgn
Abhd13
Pkp2
Mtmr2
Acap2
Gipc2
Elp2
Larp1
Rpusd3
Elovl1
Fastkd2
Bcr
Pank1
Aplp2
Xpnpep3
Ace2
Paip1
Tbc1d24
Dym
Atg7
Cd82
Impdh2
Mrpl44
Daam2
Mthfs
Arl6ip1
Grb2
Btd
Slc17a1
Snrnp40
Rmnd1
Deptor
Dynlt1
Pus1
Rsu1
Ap1g2
Tspan9
Adtrp
Ighv4−1
Dcun1d1
Fmr1
Patj
Atp13a3
Commd9
Mtfmt
Hcfc1
Snrpn
Cnnm2
Srsf7
Mrps15
Sco1
Fermt3
Rabggtb
Fbxo7
Rrp12
Adap2
Mrpl19
Mrps24
Gsk3b
Tubgcp2
Ppl
Psmd9
Trip11
Rbpms
Hdac3
Snx14
Kbtbd11
Pddc1
Tmx4
Slc25a34
Cndp1
Ppp6c
Tspo
Col6a2
Eef1e1
Mrps31
Hmgb2
Ndufb7
Tcf25
Ipo8
Igkc
Rgn
Iap
Hdhd2.1
Mmgt1
Thumpd3
Ndufb2
Tbc1d22b
Psmb7
Lpin1
Tpk1
Mgat2
Brcc3
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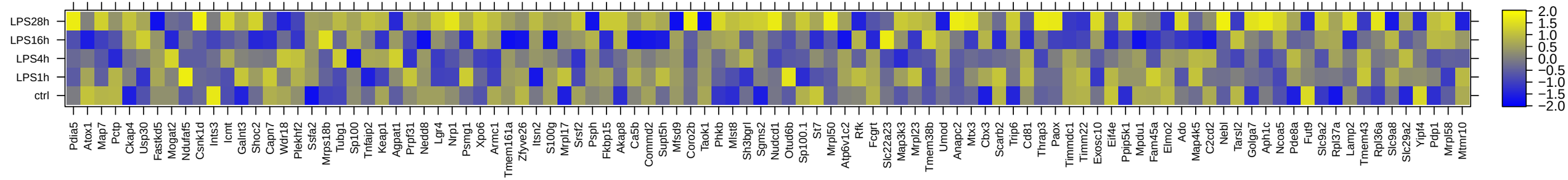
−2.0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LPS4h
LPS1h
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Map7
Pctp
Ckap4
Usp30
Fastkd5
Mogat2
Ndufaf5
Csnk1d
Ints3
Icmt
Galnt3
Shoc2
Capn7
Wdr18
Plekhf2
Ssfa2
Mrps18b
Tubg1
Sp100
Tnfaip2
Keap1
Agpat1
Prpf31
Nedd8
Lgr4
Nrp1
Psmg1
Xpo6
Armc1
Tmem161a
Zfyve26
Itsn2
S100g
Mrpl17
Srsf2
Psph
Fkbp15
Akap8
Ca5b
Commd2
Supt5h
Mfsd9
Coro2b
Taok1
Phkb
Mlst8
Sh3bgrl
Sgms2
Nudcd1
Otud6b
Sp100.1
St7
Mrpl50
Atp6v1c2
Rfk
Fcgrt
Slc22a23
Map3k3
Mrpl23
Tmem38b
Umod
Anapc2
Mtx3
Cbx3
Scarb2
Trip6
Cd81
Thrap3
Paox
Timmdc1
Timm22
Exosc10
Eif4e
Ppip5k1
Mpdu1
Fam45a
Elmo2
Ado
Map4k5
C2cd2
Nebl
Tarsl2
Golga7
Aph1c
Ncoa5
Pde8a
Fut9
Slc9a2
Rpl37a
Lamp2
Tmem43
Rpl36a
Slc9a8
Slc29a2
Ylpf4
Pdp1
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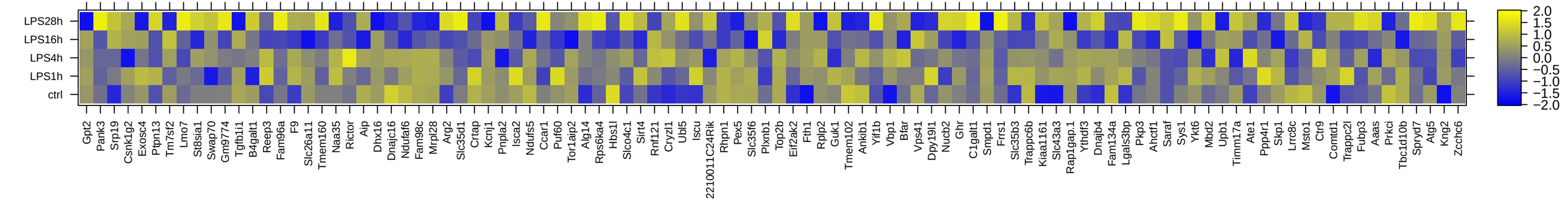
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LPS4h
LPS1h
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Srp19
Csnk1g2
Exosc4
Ptpn13
Tm7sf2
Lmo7
St8sia1
Swap70
Gm9774
Tgfb1i1
B4galt1
Reep3
Fam96a
F9
Slc26a11
Tmem160
Naa35
Rictor
Aip
Dhx16
Dnajc16
Ndufaf6
Fam98c
Mrpl28
Arg2
Slc35d1
Crtap
Kcnj1
Pnpla2
Isca2
Ndufs5
Ccar1
Puf60
Tor1aip2
Alg14
Rps6ka4
Hbs1l
Slco4c1
Sirt4
Rnf121
Cryzl1
Ubl5
Iscu
2210011C24Rik
Rhpn1
Pex5
Slc35f6
Plxnb1
Top2b
Eif2ak2
Fth1
Rplp2
Guk1
Tmem102
Ankib1
Yif1b
Vbp1
Bfar
Vps41
Dpy19l1
Nucb2
Ghr
C1galt1
Smpd1
Frrs1
Slc35b3
Trappc6b
Kiaa1161
Slc43a3
Rap1gap.1
Ythdf3
Dnajb4
Fam134a
Lgals3bp
Pkp3
Ahctf1
Saraf
Sys1
Ykt6
Mbd2
Upb1
Timm17a
Ate1
Ppp4r1
Skp1
Lrrc8c
Msto1
Ctr9
Comtd1
Trappc2l
Fubp3
Aaas
Prkci
Tbc1d10b
Spryd7
Atg5
Kng2
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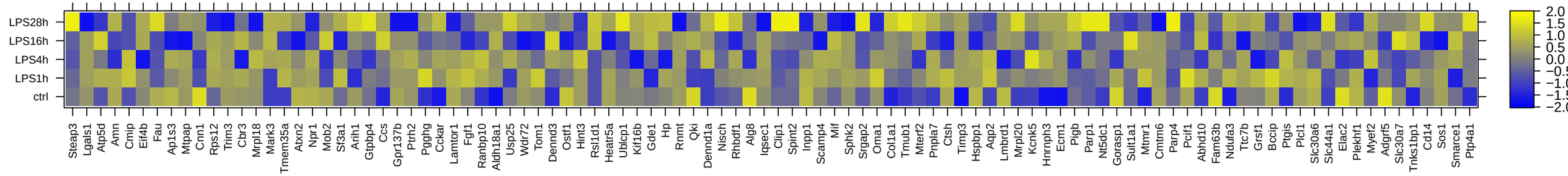
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LPS1h
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Atp5d
Amn
Cmip
Eif4b
Fau
Ap1s3
Mtpap
Cnn1
Rps12
Trim3
Cbr3
Mrpl18
Mark3
Tmem35a
Atxn2
Npr1
Mob2
Sf3a1
Arih1
Gtpbp4
Ccs
Gpr137b
Ptrh2
Pgghg
Cckar
Lamtor1
Fgf1
Ranbp10
Aldh18a1
Usp25
Wdr72
Tom1
Dennd3
Ostf1
Hint3
Rsl1d1
Heatr5a
Ublcp1
Kif16b
Gde1
Hp
Rnmt
Qki
Dennd1a
Nisch
Rhbdf1
Alg8
Iqsec1
Clip1
Spint2
Inpp1
Scamp4
Mif
Sphk2
Srgap2
Oma1
Col1a1
Tmub1
Mterf2
Pnpla7
Ctsh
Timp3
Hspbp1
Aqp2
Lmbrd1
Mrpl20
Kcnk5
Hnrnph3
Ecm1
Pigb
Parp1
Nt5dc1
Gorasp1
Sult1a1
Mtmr1
Cmtm6
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Fam63b
Ndufa3
Ttc7b
Grsf1
Bccip
Ptgis
Plcl1
Slc30a6
Slc44a1
Elac2
Plekhf1
Myef2
Adgrf5
Slc30a7
Tnks1bp1
Cd14
Sos1
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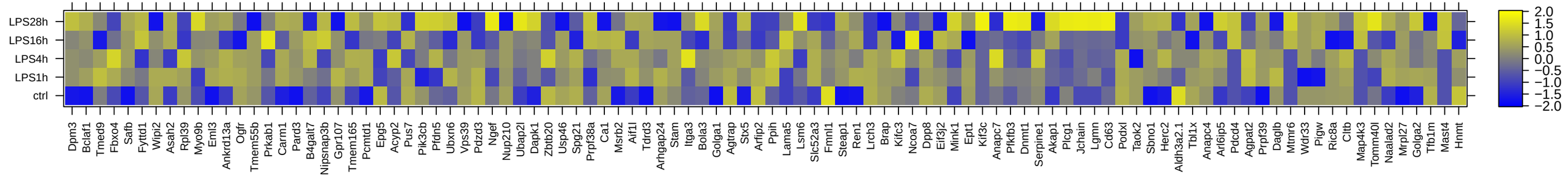
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LPS4h
LPS1h
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Fbxo4
Safb
Fyttd1
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Asah2
Rpl39
Myo9b
Eml3
Ankrd13a
Ogfr
Tmem55b
Prkab1
Carm1
Pard3
B4galt7
Nipsnap3b
Gpr107
Tmem165
Pcmtd1
Epg5
Acyp2
Pus7
Pik3cb
Pfdn5
Ubxn6
Vps39
Pdzd3
Ngef
Nup210
Ubap2l
Dapk1
Zbtb20
Usp46
Spg21
Prpf38a
Ca1
Msrb2
Aif1l
Tdrd3
Arhgap24
Stam
Itga3
Bola3
Golga1
Agtrap
Stx5
Arfip2
Ppih
Lama5
Lsm6
Slc52a3
Fmnl1
Steap1
Ren1
Lrch3
Brap
Kifc3
Ncoa7
Dpp8
Eif3j2
Mink1
Ept1
Kif3c
Anapc7
Pfkfb3
Dnmt1
Serpine1
Akap1
Plcg1
Jchain
Lgmn
Cd63
Podxl
Taok2
Sbno1
Herc2
Aldh3a2.1
Tbl1x
Anapc4
Arl6ip5
Pdcd4
Agpat2
Prpf39
Daglb
Mtmr6
Wdr33
Pigw
Ric8a
Cltb
Map4k3
Tomm40l
Naalad2
Mrpl27
Golga2
Tfb1m
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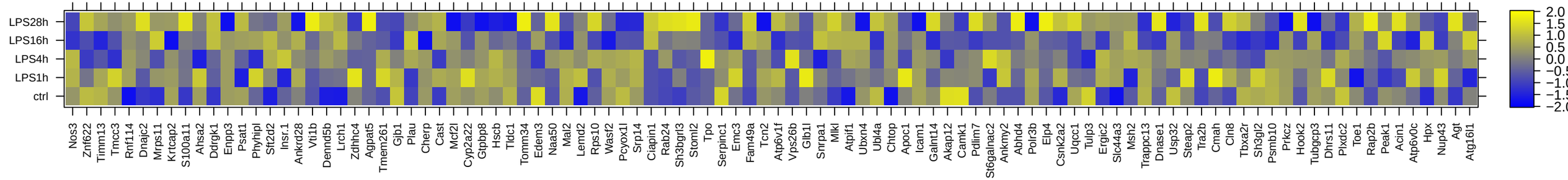
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LPS1h
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S100a11
Ahsa2
Ddrgk1
Enpp3
Psat1
Phyhipl
Sft2d2
Insr.1
Ankrd28
Vti1b
Dennd5b
Lrch1
Zdhhc4
Agpat5
Tmem261
Gjb1
Plau
Cherp
Cast
Mcf2l
Cyp2a22
Gtpbp8
Hscb
Tldc1
Tomm34
Edem3
Naa50
Mal2
Lemd2
Rps10
Wasf2
Pcyox1l
Srp14
Ciapin1
Rab24
Sh3bgrl3
Stoml2
Tpo
Serpinc1
Emc3
Fam49a
Tcn2
Atp6v1f
Vps26b
Glb1l
Snrpa1
Mlkl
Atpif1
Ubxn4
Ubl4a
Chtop
Apoc1
Icam1
Galnt14
Akap12
Camk1
Pdlim7
St6galnac2
Ankmy2
Abhd4
Polr3b
Elp4
Csnk2a2
Uqcc1
Tulp3
Ergic2
Slc44a3
Msh2
Trappc13
Dnase1
Usp32
Steap2
Tra2b
Cmah
Cln8
Tbxa2r
Sh3gl2
Psmb10
Prkcz
Hook2
Tubgcp3
Dhrs11
Plxdc2
Toe1
Rap2b
Peak1
Acin1
Atp6v0c
Hpx
Nup43
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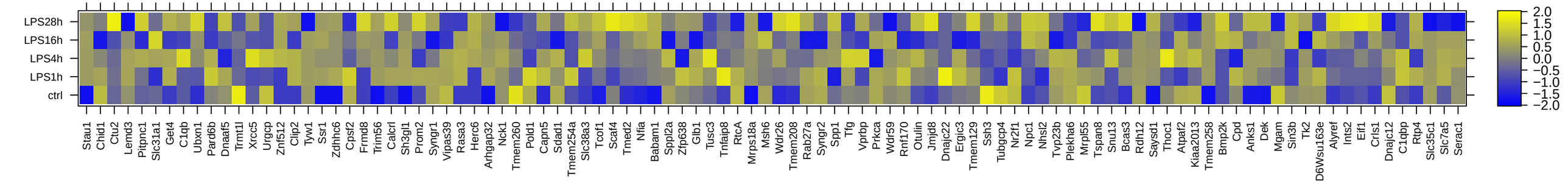
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Ctu2
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Pitpnc1
Slc31a1
Get4
C1qb
Ubxn1
Pard6b
Dnaaf5
Trmt1l
Xrcc5
Urgcp
Znf512
Clip2
Tyw1
Ssr1
Zdhhc6
Cpsf2
Frmd8
Trim56
Calcrl
Sh3gl1
Prom2
Syngr1
Vipas39
Rasa3
Herc6
Arhgap32
Nck1
Tmem260
Pold1
Capn5
Sdad1
Tmem254a
Slc38a3
Tcof1
Scaf4
Tmed2
Nfia
Babam1
Sppl2a
Zfp638
Glb1
Tusc3
Tnfaip8
RtcA
Mrps18a
Msh6
Wdr26
Tmem208
Rab27a
Syngr2
Spp1
Tfg
Vprbp
Prkca
Wdr59
Rnf170
Otulin
Jmjd8
Dnajc22
Ergic3
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Ssh3
Tubgcp4
Nr2f1
Npc1
Nhsl2
Tvp23b
Plekha6
Mrpl55
Tspan8
Snu13
Bcas3
Rdh12
Saysd1
Thoc1
Atpaf2
Kiaa2013
Tmem258
Bmp2k
Cpd
Anks1
Dek
Mgam
Sin3b
Tk2
D6Wsu163e
Alyref
Ints2
Eif1
Crls1
Dnajc12
C1qbp
Rtp4
Slc35c1
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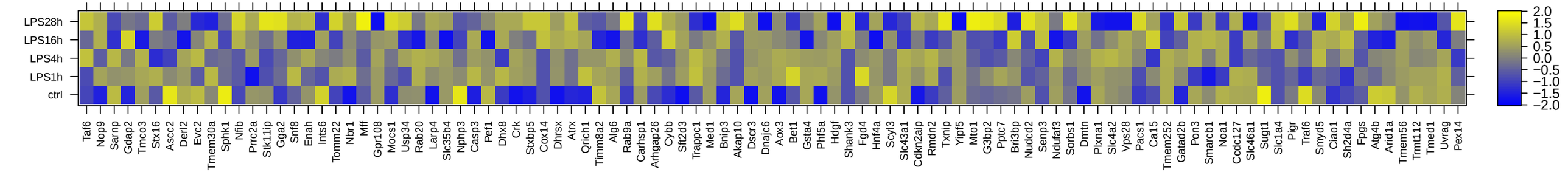
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LPS4h
LPS1h
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Stx16
Ascc2
Derl2
Evc2
Tmem30a
Sphk1
Nfib
Prrc2a
Stk11ip
Gga2
Snf8
Enah
Ints6
Tomm22
Nbr1
Mff
Gpr108
Mocs1
Usp34
Rab20
Larp4
Slc35b4
Nphp3
Casp3
Pef1
Dhx8
Crk
Stxbp5
Cox14
Dhrsx
Atrx
Qrich1
Timm8a2
Alg6
Rab9a
Carhsp1
Arhgap26
Cybb
Sft2d3
Trappc1
Med1
Bnip3
Akap10
Dscr3
Dnajc6
Aox3
Bet1
Gsta4
Phf5a
Hdgf
Shank3
Fgd4
Hnf4a
Scyl3
Slc43a1
Cdkn2aip
Rmdn2
Txnip
Yipf5
Mto1
G3bp2
Pptc7
Bri3bp
Nudcd2
Senp3
Ndufaf3
Sorbs1
Dmtn
Plxna1
Slc4a2
Vps28
Pacs1
Ca15
Tmem252
Gatad2b
Pon3
Smarcb1
Noa1
Ccdc127
Slc46a1
Sugt1
Slc1a4
Pigr
Traf6
Smyd5
Ciao1
Sh2d4a
Fpgs
Atg4b
Arid1a
Tmem56
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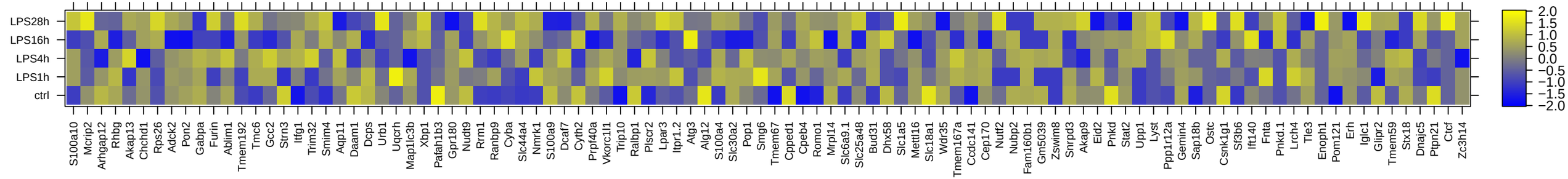
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LPS4h
LPS1h
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Arhgap12
Rhbg
Akap13
Chchd1
Rps26
Adck2
Pon2
Gabpa
Furin
Ablim1
Tmem192
Tmc6
Gcc2
Strn3
Itfg1
Trim32
Smim4
Aqp11
Daam1
Dcps
Urb1
Uqcrh
Map1lc3b
Xbp1
Pafah1b3
Gpr180
Nudt9
Rrm1
Ranbp9
Cyba
Slc44a4
Nmrk1
S100a9
Dcaf7
Cyth2
Prpf40a
Vkorc1l1
Trip10
Ralbp1
Plscr2
Lpar3
Itpr1.2
Atg3
Alg12
S100a4
Slc30a2
Pop1
Smg6
Tmem67
Cpped1
Cpeb4
Romo1
Mrpl14
Slc6a9.1
Slc25a48
Bud31
Dhx58
Slc1a5
Mettl16
Slc18a1
Wdr35
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Cep170
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Nubp2
Fam160b1
Gm5039
Zswim8
Snrpd3
Akap9
Eid2
Pnkd
Stat2
Upp1
Lyst
Ppp1r12a
Gemin4
Sap18b
Ostc
Csnk1g1
Sf3b6
Ift140
Fnta
Pnkd.1
Lrch4
Tle3
Enoph1
Pom121
Erh
Iglc1
Glipr2
Tmem59
Stx18
Dnajc5
Ptpn21
Ctcf
Zc3h14
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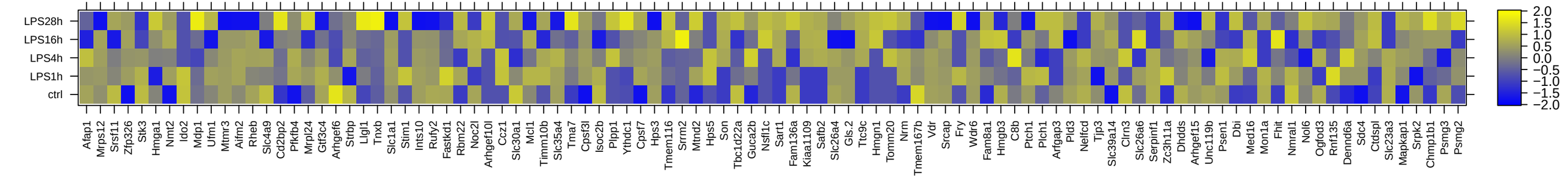
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Srsf11
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Ido2
Mdp1
Ufm1
Mtmr3
Aifm2
Rheb
Slc4a9
Cd2bp2
Pfkfb4
Mrpl24
Gtf3c4
Arhgef6
Strbp
Llgl1
Tnxb
Slc1a1
Stim1
Ints10
Rufy2
Fastkd1
Rbm22
Noc2l
Arhgef10l
Ccz1
Slc30a1
Mcl1
Timm10b
Slc35a4
Tma7
Cpsf3l
Isoc2b
Plpp1
Ythdc1
Cpsf7
Hps3
Tmem116
Srrm2
Mtnd2
Hps5
Son
Tbc1d22a
Guca2b
Nsfl1c
Sart1
Fam136a
Kiaa1109
Safb2
Slc26a4
Gls.2
Ttc9c
Hmgn1
Tomm20
Nrm
Tmem167b
Vdr
Srcap
Fry
Wdr6
Fam8a1
Hmgb3
C8b
Ptch1
Plch1
Arfgap3
Pld3
Nelfcd
Tjp3
Slc39a14
Clrn3
Slc26a6
Serpinf1
Zc3h11a
Dhdds
Arhgef15
Unc119b
Psen1
Dbi
Med16
Mon1a
Fhit
Nmral1
Nol6
Ogfod3
Rnf135
Dennd6a
Sdc4
Ctdspl
Slc23a3
Mapkap1
Srpk2
Chmp1b1
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Psmg2
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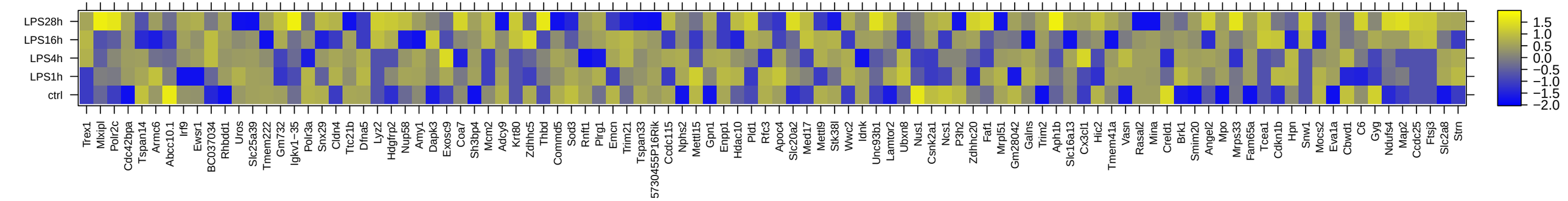
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Abcc10.1
Irf9
Ewsr1
BC037034
Rhbdd1
Uros
Slc25a39
Tmem222
Gm732
Igkv1−35
Polr3a
Snx29
Cldn4
Ttc21b
Dfna5
Lyz2
Hdgfrp2
Nup58
Amy1
Dapk3
Exosc9
Coa7
Sh3bp4
Mcm2
Adcy9
Krt80
Zdhhc5
Thbd
Commd5
Sod3
Rnft1
Plrg1
Emcn
Trim21
Tspan33
5730455P16Rik
Ccdc115
Nphs2
Mettl15
Gpn1
Enpp1
Hdac10
Pld1
Rfc3
Apoc4
Slc20a2
Med17
Mettl9
Stk38l
Wwc2
Idnk
Unc93b1
Lamtor2
Ubxn8
Nus1
Csnk2a1
Ncs1
P3h2
Zdhhc20
Faf1
Mrpl51
Gm28042
Galns
Trim2
Aph1b
Slc16a13
Cx3cl1
Hic2
Tmem41a
Vasn
Rasal2
Mina
Creld1
Brk1
Smim20
Angel2
Mpo
Mrps33
Fam65a
Tcea1
Cdkn1b
Hpn
Snw1
Mocs2
Eva1a
Cbwd1
C6
Gyg
Ndufs4
Map2
Ccdc25
Ftsj3
Slc2a8
Strn
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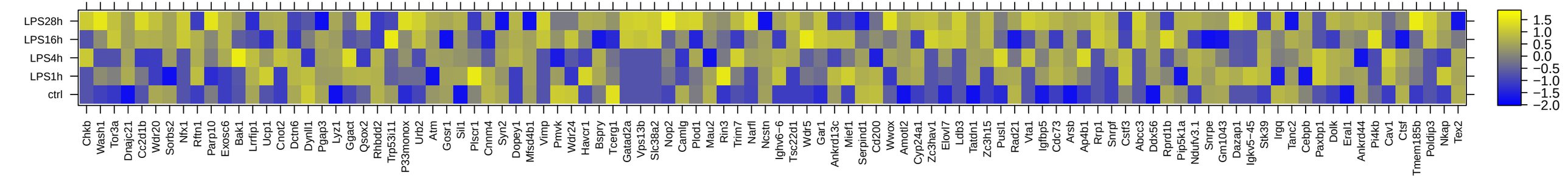
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LPS1h
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Chkb
Wash1
Tor3a
Dnajc21
Cc2d1b
Wdr20
Sorbs2
Nfx1
Rftn1
Parp10
Exosc6
Bak1
Lrrfip1
Ucp1
Cnot2
Dctn6
Dynll1
Pgap3
Lyz1
Ggact
Qsox2
Rhbdd2
Trp53i11
P33monox
Urb2
Atm
Gosr1
Sil1
Plscr1
Cnnm4
Syn2
Dopey1
Mfsd4b1
Vimp
Pmvk
Wdr24
Havcr1
Bspry
Tcerg1
Gatad2a
Vps13b
Slc38a2
Nop2
Camlg
Plod1
Mau2
Rin3
Trim7
Narfl
Ncstn
Ighv6−6
Tsc22d1
Wdr5
Gar1
Ankrd13c
Mief1
Serpind1
Cd200
Wwox
Amotl2
Cyp24a1
Zc3hav1
Elovl7
Ldb3
Tatdn1
Zc3h15
Pusl1
Rad21
Vta1
Igfbp5
Cdc73
Arsb
Ap4b1
Rrp1
Snrpf
Cstf3
Abcc3
Ddx56
Rprd1b
Pip5k1a
Ndufv3.1
Snrpe
Gm1043
Dazap1
Igkv5−45
Stk39
Irgq
Tanc2
Cebpb
Paxbp1
Dolk
Eral1
Ankrd44
Pi4kb
Cav1
Ctsf
Tmem185b
Poldip3
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Tex2
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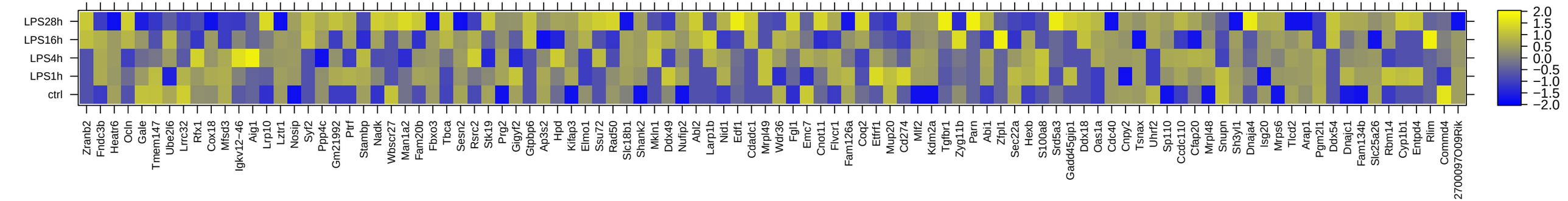
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LPS4h
LPS1h
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Zranb2
Fndc3b
Heatr6
Ocln
Gale
Tmem147
Ube2l6
Lrrc32
Rfx1
Cox18
Mfsd3
Igkv12−46
Aig1
Lrp10
Lztr1
Nosip
Syf2
Ppp4c
Gm21992
Ptrf
Stambp
Nadk
Wbscr27
Man1a2
Fam20b
Fbxo3
Tbca
Sesn2
Rsrc2
Stk19
Prg2
Gigyf2
Gtpbp6
Ap3s2
Hpd
Kifap3
Elmo1
Ssu72
Rad50
Slc18b1
Shank2
Mkln1
Ddx49
Nufip2
Abl2
Larp1b
Nid1
Edf1
Cdadc1
Mrpl49
Wdr36
Fgl1
Emc7
Cnot11
Flvcr1
Fam126a
Coq2
Etfrf1
Mup20
Cd274
Mlf2
Kdm2a
Tgfbr1
Zyg11b
Parn
Abi1
Zfpl1
Sec22a
Hexb
S100a8
Srd5a3
Gadd45gip1
Ddx18
Oas1a
Cdc40
Cnpy2
Tsnax
Uhrf2
Sp110
Ccdc110
Cfap20
Mrpl48
Snupn
Sh3yl1
Dnaja4
Isg20
Mrps6
Tlcd2
Arap1
Pgm2l1
Ddx54
Dnajc1
Fam134b
Slc25a26
Rbm14
Cyp1b1
Entpd4
Rlim
Commd4
2700097O09Rik
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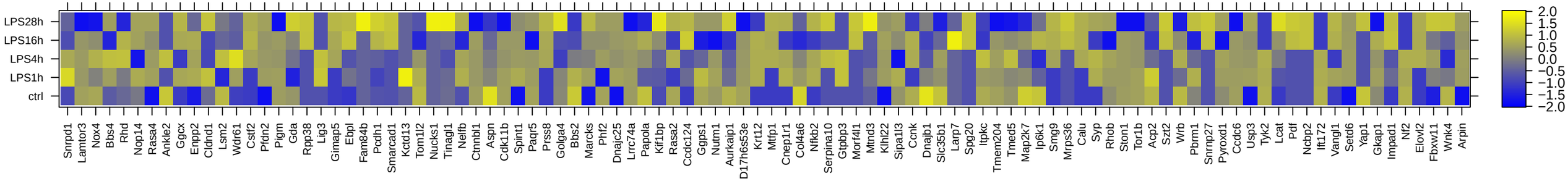
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LPS4h
LPS1h
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Snrpd1
Lamtor3
Nox4
Bbs4
Rhd
Nop14
Rasa4
Ankle2
Ggcx
Enpp2
Cldnd1
Lsm2
Wdr61
Cstf2
Pfdn2
Pigm
Gda
Rpp38
Lig3
Gimap5
Ebpl
Fam84b
Pcdh1
Smarcad1
Kctd13
Tom1l2
Nucks1
Tinagl1
Nelfb
Ctnnbl1
Aspn
Cdk11b
Spint1
Paqr5
Prss8
Golga4
Bbs2
Marcks
Phf2
Dnajc25
Lrrc74a
Papola
Kif1bp
Rasa2
Ccdc124
Ggps1
Nutm1
Aurkaip1
D17h6s53e
Krt12
Mtfp1
Cnep1r1
Col4a6
Nfkb2
Serpina10
Gtpbp3
Morf4l1
Mtnd3
Klhl22
Sipa1l3
Ccnk
Dnajb1
Slc35b1
Larp7
Spg20
Itpkc
Tmem204
Tmed5
Map2k7
Ip6k1
Smg9
Mrps36
Calu
Syp
Rhob
Ston1
Tor1b
Acp2
Szt2
Wrb
Pbrm1
Snrnp27
Pyroxd1
Ccdc6
Usp3
Tyk2
Lcat
Pdf
Ncbp2
Ift172
Vangl1
Setd6
Yap1
Gkap1
Impad1
Nf2
Elovl2
Fbxw11
Wnk4
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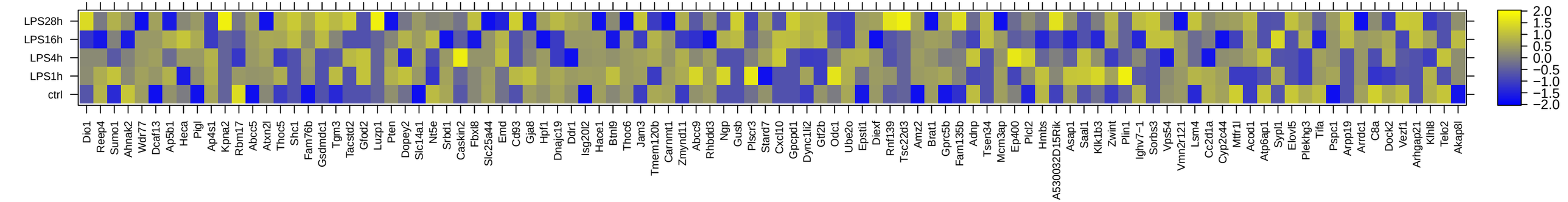
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LPS1h
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Sumo1
Ahnak2
Wdr77
Dcaf13
Ap5b1
Heca
Pigl
Ap4s1
Kpna2
Rbm17
Abcc5
Atxn2l
Thoc5
Shc1
Fam76b
Gsdmdc1
Tgm3
Tacstd2
Gfod2
Luzp1
Pten
Dopey2
Slc14a1
Nt5e
Srbd1
Caskin2
Fbxl8
Slc25a44
Emd
Cd93
Gja8
Hpf1
Dnajc19
Ddr1
Isg20l2
Hace1
Btnl9
Thoc6
Jam3
Tmem120b
Carnmt1
Zmynd11
Abcc9
Rhbdd3
Ngp
Gusb
Plscr3
Stard7
Cxcl10
Gpcpd1
Dync1li2
Gtf2b
Odc1
Ube2o
Epsti1
Diexf
Rnf139
Tsc22d3
Amz2
Brat1
Gprc5b
Fam135b
Adnp
Tsen34
Mcm3ap
Ep400
Plcl2
Hmbs
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Saal1
Klk1b3
Zwint
Plin1
Ighv7-1
Sorbs3
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Vmn2r121
Lsm4
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Cyp2c44
Mtfr1l
Acod1
Atp6ap1
Sypl1
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Plekhg3
Tifa
Pspc1
Arpp19
Arrdc1
C8a
Dock2
Vezf1
Arhgap21
Klhl8
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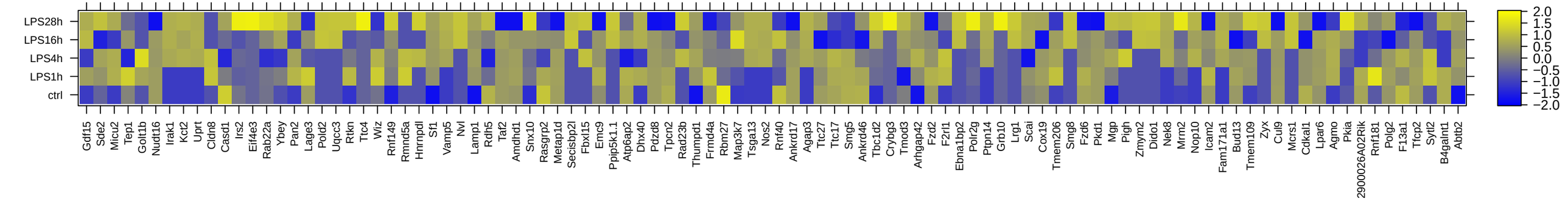
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LPS1h
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Micu2
Tep1
Golt1b
Nudt16
Irak1
Kcf2
Uprt
Cldn8
Casd1
Irs2
Eif4e3
Rab22a
Ybey
Pan2
Lage3
Pold2
Uqcc3
Rtkn
Ttc4
Wiz
Rnf149
Rmnd5a
Hnrnpdl
Sf1
Vamp5
Nvl
Lamp1
Rdh5
Taf2
Amdhd1
Snx10
Rasgrp2
Metap1d
Secisbp2l
Fbxl15
Emc9
Ppip5k1.1
Atp6ap2
Dhx40
Pdzd8
Tpcn2
Rad23b
Thumpd1
Frmd4a
Rbm27
Map3k7
Tsga13
Nos2
Rnf40
Ankrd17
Agap3
Ttc27
Ttc17
Smg5
Ankrd46
Tbc1d2
Crybg3
Tmod3
Arhgap42
Fzd2
F2rl1
Ebna1bp2
Polr2g
Ptpn14
Grb10
Lrg1
Scai
Cox19
Tmem206
Smg8
Fzd6
Pkd1
Mgp
Pigh
Zmym2
Dido1
Nek8
Mrm2
Nop10
Icam2
Fam171a1
Bud13
Tmem109
Zyx
Cul9
Mcrs1
Cdkal1
Lpar6
Agmo
Pkia
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Rnf181
Polg2
F13a1
Tfcp2
Sytl2
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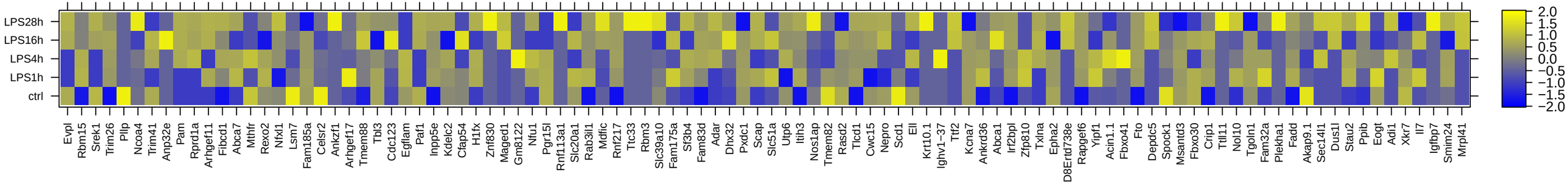
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LPS4h
LPS1h
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−2.0
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Trim26
Pllp
Ncoa4
Trim41
Anp32e
Pam
Rprd1a
Arhgef11
Fibcd1
Abca7
Mthfr
Rexo2
Nfxl1
Lsm7
Fam185a
Celsr2
Ankzf1
Arhgef17
Tmem88
Tbl3
Cdc123
Egflam
Paf1
Inpp5e
Kdelc2
Cfap54
H1fx
Znf830
Maged1
Gm8122
Nfu1
Pgr15l
Rnf113a1
Slc20a1
Rab3il1
Mdfic
Rnf217
Ttc33
Rbm3
Slc39a10
Fam175a
Sf3b4
Fam83d
Adar
Dhx32
Pxdc1
Scap
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Utp6
Itih3
Nos1ap
Tmem82
Rasd2
Tlcd1
Cwc15
Nepro
Scd1
Ell
Krt10.1
Ighv1−37
Ttf2
Kcna7
Ankrd36
Abca1
Irf2bpl
Zfp810
Txlna
Epha2
D8Ertd738e
Rapgef6
Yipf1
Acin1.1
Fbxo41
Fto
Depdc5
Spock1
Msantd3
Fbxo30
Crip1
Ttll11
Nol10
Tgoln1
Fam32a
Plekha1
Fadd
Akap9.1
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Stau2
Ppib
Eogt
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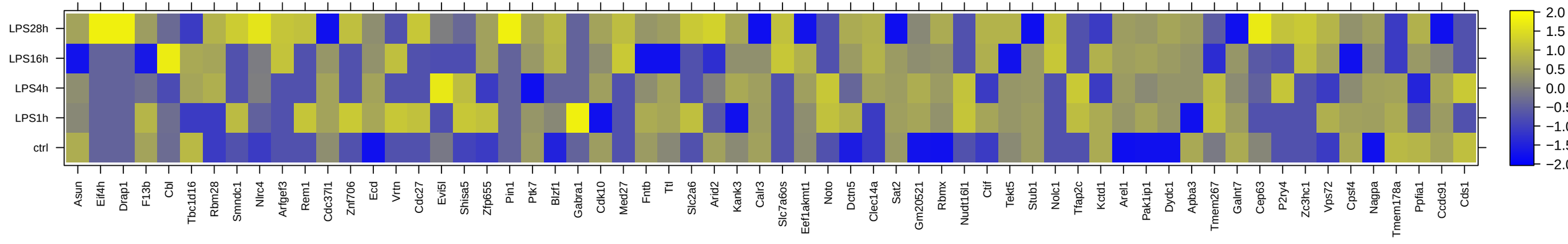
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Rbm28
Smndc1
Nlrc4
Arfgef3
Rem1
Cdc37l1
Znf706
Ecd
Vrtn
Cdc27
Evi5l
Shisa5
Zfp655
Pin1
Ptk7
Blzf1
Gabra1
Cdk10
Med27
Fntb
Ttl
Slc2a6
Arid2
Kank3
Calr3
Slc7a6os
Eef1akmt1
Noto
Dctn5
Clec14a
Sat2
Gm20521
Rbmx
Nudt16l1
Ctif
Tekt5
Stub1
Nolc1
Tfap2c
Kctd1
Arel1
Pak1ip1
Dydc1
Apba3
Tmem267
Galnt7
Cep63
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Zc3hc1
Vps72
Cpsf4
Nagpa
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Cds1
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