Essential requirement for Polypyrimidine Tract Binding Proteins in the survival of non-proliferating B cells

Journal:	*European Journal of Immunology - 2*
Manuscript ID	eji.202149257
Wiley - Manuscript type:	Short Communication
Date Submitted by the Author:	12-Mar-2021
Complete List of Authors:	Monzon-Casanova, Elisa; Babraham Institute, Bates, Kirsty; Babraham Institute, Laboratory of Lymphocyte Signalling and Development Smith, Christopher; University of Cambridge, Department of Biochemistry Turner, Martin; The Babraham Institute, Laboratory of Lymphocyte Signalling and Development
Keywords:	
Keywords:	B cell development, Molecular immunology, Posttranscriptional gene expression regulation, Alternative splicing

SCHOLARONE™
Manuscripts

Essential requirement for Polypyrimidine Tract Binding Proteins in the survival of non-proliferating B cells

Elisa Monzón-Casanova[1,2], Kirsty J. Bates[1], Christopher W. J. Smith[2] and Martin Turner[1]

Affiliations:

[1]Laboratory of Lymphocyte Signalling and Development, The Babraham Institute, Babraham Research Campus, Cambridge, CB22 3AT, United Kingdom.

[2] Department of Biochemistry, University of Cambridge, Cambridge, CB2 1QW, United Kingdom

Correspondence: Dr. Martin Turner

e-mail: martin.turner@babraham.ac.uk

Co-authors e-mails:

Elisa Monzón-Casanova: elisa.monzon-casanova@babraham.ac.uk

Kirsty J. Bates: kirsty.bates@babraham.ac.uk

Christopher W. J. Smith: cwjs1@cam.ac.uk

For Peer Review

Abstract

The maturation of immature B cells and the survival of mature B cells is stringently controlled to maintain a diverse repertoire of antibody specificities while avoiding self-reactivity. At the molecular level this is regulated by signalling from membrane immunoglobulin and the BAFF-receptor which sustain a pro-survival programme of gene expression. Whether and how posttranscriptional mechanisms contribute to B cell maturation and survival remains poorly understood. Here we show that the polypyrimidine tract binding proteins (PTBP) PTBP1 and PTBP3 bind to a large and overlapping set of transcripts in B cells. Both PTBP1 and PTBP3 bind to introns and exons where they are predicted to regulate alternative splicing. Moreover, they also show high-density of binding to 3' untranslated regions suggesting they influence the transcriptome in diverse ways. We show that PTBP1 and PTBP3 are required in B cells beyond the immature cell stage to sustain transitional B cells and the B1, marginal zone and follicular B cell lineages. Therefore, PTBP1 and PTBP3 promote the survival of quiescent B cells by regulating gene expression at the post-transcriptional level.

For Peer Review

Introduction

Surface expression of membrane Immunoglobulin - the “B-cell receptor” (BCR) - first occurs on immature B cells and is necessary for further differentiation or maturation, a process called positive selection [1]. The progressive intermediate developmental stages of non-proliferating cells that lie between immature and mature B cells are termed “transitional” cells [2],[3]. There is clear evidence that positive selection directs the functional properties of mature B cells [4]. Consequently, the timing, amount and quality of immunoglobulin produced during an immune response is determined by the outcome of positive selection [5].

Positive selection is linked to the induction of BAFF-Receptor and the establishment of a homeostatic survival-circuit dependent upon its ligand [6]. In addition, the BCR provides a continuous antigen-independent signal, the so-called “tonic signal” [4], that is necessary for B cell survival. These receptor-transduction mechanisms converge on a shared set of protein and lipid kinases [7]-[9]. Gene expression is reprogrammed during positive selection by transcription factors such as NF-κB which are regulated by BCR and BAFF.

RNA binding proteins (RBP) acting post-transcriptionally determine the quantity and variants of transcripts produced from genes. They also regulate where, and in what amounts, mRNAs are translated. The role of these regulatory processes in B lymphocyte positive selection and survival is a new and exciting area. Recent evidence suggests that RBPs have roles in positive selection. Lin28b promotes positive selection in neonatal B cells [10] and induces the accumulation of autoreactive B cells when over-expressed [11].

Polypyrimidine tract binding protein (PTBP) 1 is a widely expressed alternative splicing regulator. It has additional, less well-characterised, roles in regulating microRNA processing, mRNA abundance, alternative polyadenylation and internal ribosome entry site-mediated translation [12]. Studies of B cells with *Cd79a*^{Cre}-mediated conditional deletion of *Ptbp1* showed it was dispensable for B cell development, but important for the proliferation of germinal center B cells [13],[14]. The absence of PTBP1 led to the expression of PTBP2 [15]. In mice with *Cd79a*^{Cre}-mediated

For Peer Review

conditional deletion of *Ptbp1* and *Ptbp2* B cell development is blocked at pro-B cell stage. This is associated with defective cell cycle regulation in pro-B cells [15] and shows that PTBP2, which is normally silenced by PTBP1, compensates for the lack of PTBP1.

The paralog PTBP3 is expressed specifically in cells of the haematopoietic system. In B cells, PTBP1 and PTBP3 are found in the nucleus whereas PTBP3 is also detected in the cytoplasm [16]. The prominent cytoplasmic localisation of PTBP3 suggests that in addition to nuclear roles it may also affect mRNA stability, translation or localisation. Knowledge of PTBP3 in physiological systems is limited with a report that *Ptbp3*$^{-/-}$ mice have normal B cell development, but defective antibody responses [17]. However, when *Ptbp3* was deleted conditionally in B cells with the *Cd79a*^{Cre}(Mb1) allele we found normal B cell development, antibody amounts and affinity maturation in response to immunisation ([15] and unpublished data). Here we show that PTBP1 and PTBP3 act redundantly to promote the survival of transitional and mature B cells.

Results and Discussion

PTBP1 and PTBP3 bind redundantly to introns and 3'-UTRs

Since both PTBP1 and PTBP3 show high sequence identity, particularly within their RNA binding domains, we compared their transcript-binding profile by direct mapping binding sites in the B cell transcriptome using individual-nucleotide resolution UV cross-linking and immunoprecipitation (iCLIP) [18]. This revealed the same polypyrimidine-tract binding motifs for PTBP1 and PTBP3 (Fig. 1A). In addition to the expected binding to introns, we found prominent binding of both proteins to 3' untranslated regions (3'-UTRs) (Fig. 1B). After correcting for the size of each transcript feature in the transcriptome and the number of reads obtained in each iCLIP, we found a higher density of PTBP3 binding to 3'-UTRs compared to PTBP1 (Fig. 1C). Conversely, there was a higher density of PTBP1 binding to introns compared to PTBP3 (Fig. 1C), which is consistent with the predominant nuclear localisation of PTBP1 [16].

Detailed analysis of individual binding sites, such as those in transcripts encoding IgM and IgD heavy chains (*Ighm* and *Ighd*), found PTBP1 and PTBP3 bound largely to the same sites (Fig. 1D). We observed binding of both PTBPs to the IgM M2 exon where

For Peer Review

PTBP1 has been shown to supress an enhancer of splicing that promoted exon inclusion [19]. To define reproducible binding sites, we chose a cut-off of at least 3 independent cDNA reads in the iCLIP (and FDR<0.05). With these settings we found that PTBP1 and PTBP3 bound to 9,035 genes with a large overlap of 64% (5,803 genes) (Fig. 1E, Supporting Information Table S1). This is an underestimate of the overlap of genes bound by both PTBPs, since there will be genes bound by both PTBPs for which one PTBP did not pass our cut-off criteria. PTBP3 bound to the 5'-UTR and 3'-UTR of more genes than PTBP1 (Fig. 1E), reflecting the greater cytoplasmic localisation of PTBP3 compared to PTBP1. Altogether, although we found some small differences reflecting the different intracellular localisation of these RBPs, they showed overall a highly redundant pattern of binding consistent with them regulating the same RNAs in B cells.

PTBP1 and PTBP3 are necessary for B cell maturation.

We found previously that individual deletion of *Ptbp1* or *Ptbp3* with the *Cd79a*^{Cre} allele resulted in normal B cell development [13],[15]. Moreover, *Cd79a*^{Cre}-mediated deletion of both *Ptbp1* and *Ptbp3* did not affect the numbers of pre- and immature-B cells in the bone marrow in *Cd79a*$^{Cre/+}$*Ptbp1*$^{fl/fl}$*Ptbp3*$^{fl/fl}$ (P1P3 CD79a dKO) mice [15]. In contrast, we observed a reduction in the frequency of B220+CD19+ cells in the spleen and an increase of the proportions of the least mature T1 cells amongst CD93+ B cells in P1P3 CD79a dKO mice compared to littermate control mice (Fig. 2A). The enumeration of cells showed an almost complete absence of mature B cells in P1P3 CD79a dKO mice (Fig. 2B). The numbers of cells in the T2 and T3 subsets were reduced by 9.7- and 17-fold, respectively, with the T1 subset the least affected being reduced by 3.5-fold. In the peritoneal lavage there were few B cells and CD19^{high}B220^{low} B1 B cells were clearly depleted (Supporting Information Fig. S1A). Intracellular staining for PTBP1 and PTBP3 in B cells from P1P3 CD79a dKO mice showed efficient protein depletion but, unlike control cells, they express PTBP2 (Fig. 2C; Supporting Information Fig. S1B).

We found that P1P3 CD79a dKO mice became severely unwell and had to be culled between 10-12 weeks of age. At necropsy, it was apparent that the kidneys were abnormal with signs of polycystic lesions (Supporting Information Fig. S1C). There have been reports of *Cd79a*^{Cre} expression in the kidney [20] and conditional knockout

For Peer Review

of *Tsc1* with *Cd79a*^{Cre} led to a polycystic kidney phenotype [21], suggesting that *Ptbp1* and *Ptbp3* deletion with the *Cd79a*^{Cre} led to these lesions, but this will have to be confirmed. To establish if the B cell phenotype was intrinsic to the haematopoietic system we transferred bone marrow from *Cd79a*$^{Cre/+}$*Ptbp1*$^{+/+}$*Ptbp3*$^{+/+}$ control or P1P3 CD79a dKO mice into lethally irradiated B6.SJL mice. There was no early onset disease or kidney abnormalities found in these chimaeras. Following reconstitution, the numbers of all splenic transitional and mature B cell subsets in P1P3 CD79a dKO were substantially reduced compared to control chimaeras (Fig. 2D; Supporting Information Fig. S1D). Histological examination of the spleens from P1P3 CD79a dKO chimaeras showed the few B cells present localised around the T cell zone indicating unaffected migration of the PTBP1 and PTBP3-deficient B cells in the spleen (Fig. 1E). These data revealed the indispensable role of PTBP1 and PTBP3 in establishing or maintaining the mature B cell compartment - a role that cannot be compensated for by PTBP2.

PTBP1 and PTBP3 are necessary for the maintenance of mature B cells

To study the mature B cell compartment further we used *Cd23*^{CreTg} [22], which mediates recombination in transitional B cells to generate *Cd23*^{CreTg}*Ptbp1*$^{fl/fl}$*Ptbp3*$^{fl/fl}$ mice (P1P3 CD23 dKO) and analysed splenic B cell subsets by flow cytometry (Fig. 3A). The numbers of T1, T2 and T3 B cells in P1P3 CD23 dKO mice were similar to those in *Cd23*^{CreTg}*Ptbp1*$^{+/+}$*Ptbp3*$^{+/+}$ or *Ptbp1*$^{fl/fl}$*Ptbp3*$^{fl/fl}$ mice (Fig. 3B). By contrast, the numbers of B cells with the follicular or marginal zone (MZ) phenotype in the spleen were substantially reduced (Fig. 3B). Identification of MZ B cells with staining of CD21 and CD23, also showed a reduction in MZ B cell numbers in the spleen and revealed lower staining of CD21 in PTBP1 and PTBP3-deficient cells compared to control B cells (Supporting Information Fig. S2A). In addition, the numbers of B cells from lymph nodes were reduced by three-fold in P1P3 CD23 dKO mice (Fig. 3C, Supporting Information Fig. S2B).

The presence of both PTBP1 and PTBP3 proteins in T1 and T2 cells from P1P3 CD23 dKO mice (Fig. 3D; Supporting Information Figure S2C) was consistent with the minimal impact on cell numbers at these stages. Follicular B cells in both the spleen and lymph node showed a large proportion of cells with retained expression of PTBP1 and PTBP3 (Fig. 3D) and yet their absolute numbers were reduced two to three-fold

For Peer Review

in the P1P3 CD23 dKO mice (Fig. 3B and 3C). Moreover, cells with maintained PTBP1 and PTBP3 expression were abundant amongst MZ B cells (Supporting Information Fig. S2C).

We assessed IgM and IgD surface levels in PTBP1 and PTBP3-deficient mature B cells from P1P3 CD23 dKO mice where we could assess consequences of recent PTBP1 and PTBP3 protein depletion in B cells. IgM and IgD staining in PTBP1 and PTBP3-deficient mature B cells were similar to control cells (Supporting Information Fig. S2D). PTBP1 and PTBP3-deficient mature B cells expressed PTBP2 (Supporting Information Fig. S2C) suggesting that PTBP2 compensated for some roles of PTBP1 and PTBP3. Nonetheless PTBP2 in follicular and MZ B cells was unable to support these cells revealing a role for PTBP1 and PTBP3 in the maintenance of mature B cell subsets.

Concluding remarks

The requirement of both PTBP1 and PTBP3 in transitional and mature B cells contrasts with early B cell development where PTBP2 compensated completely for the absence of these proteins [15]. The inability of PTBP2 to sustain B cell maturation may reflect qualitative differences between the paralogs, as PTBP2 is not thought to enter the cytoplasm. However, it is also possible that all three paralogs have redundant roles and that PTBP2 abundance is insufficient to ensure B cell maturation and survival. This might be resolved by the identification of PTBP2 targets in mature B cells.

Given their widespread binding, we expect that PTBP1 and PTBP3 will control many genes necessary for the maintenance of mature B cell populations. We found PTBP1 and PTBP3 bound to exons, introns and the 3'UTR of *Tnfrsf13c*, which encodes BAFF-Receptor, *Bcl2*, *Syk*, and *Akt1* (Supporting Information Table S1). Further investigations are warranted to elucidate if and how PTBP1 and PTBP3 control expression of these targets. We anticipate diverse and shared roles for PTBP1 and PTBP3 in B cells including the control of alternative splicing and also other functions via 3'-UTR-binding such as mRNA localisation, stability and translation.

For Peer Review

Materials and methods

Mice and bone marrow chimaeras

Mice were maintained in the Babraham Institute Biological Support Unit. No primary pathogens or additional agents listed in the FELASA recommendations have been confirmed during health monitoring since 2009. Ambient temperature was ~19–21°C and relative humidity 52%. Lighting was provided on a 12hr light: 12hr dark cycle including 15 min 'dawn' and 'dusk' periods of subdued lighting. After weaning, mice were transferred to individually ventilated cages with 1–5 mice per cage. Mice were fed CRM (P) VP diet (Special Diet Services) *ad libitum* and received seeds (e.g. sunflower, millet) at the time of cage-cleaning as part of their environmental enrichment. All mouse experimentation was approved by the Babraham Institute Animal Welfare and Ethical Review Body. Animal husbandry and experimentation complied with existing European Union and United Kingdom Home Office legislation. All mice were used experimentally between 8- and 25-weeks of age (for bone marrow chimaeras) and were age- and sex-matched within experiments. No sex-associated differences were observed in the results obtained. Mice were on the C57BL/6 background and derived from crossing the following transgenic strains: *Ptbp1*$^{fl/fl}$ (Ptbp1^{tm1Mso}) [23], *Ptbp3*$^{fl/fl}$ [15], *Cd79a*^{Cre} (Cd79$^{atm1(cre)Reth}$) [20] and Cd23^{CreTg} (Cd23-cre$^{Tg(Fcer2a-cre)5Mbu}$) [22]. To generate chimaeras, B6.SJL mice were lethally irradiated (2x 0.5Gy) and reconstituted with 3x10^6 bone marrow cells derived from control (*Cd79a*$^{Cre/+}$*Ptbp1*$^{+/+}$*Ptbp3*$^{+/+}$) or P1P3 Cd79a dKO.

Flow cytometry

Cell surface and intracellular staining for flow cytometry analyses were carried out as described [15]. The antibodies used were: B220-FITC (RA3-6B2, Tonbo, cat#:35-0452), B220-PECy7 (RA3-6B2, eBioscience, cat#:25-0452-82), B220-BUV395 (RA3-6B2, BD, cat#:563793), CD19-PerCPCy5.5 (1D3, Biolegend, cat#:152406), CD19-BUV395 (1D3, BD, cat#:565965), CD19-BUV737 (1D3, BD, cat#:564296), CD19-BV421 (6D5, Biolegend, cat#:115549), CD93-APC (AA4.1, eBioscience, cat#:17-5892-83), CD93-BV421 (AA4.1, BD, cat#: 747716), CD23-BV421 (B3B4, Biolegend, cat#:101621), CD23-PE (B3B4, BD, cat#: 553139), IgM-BV786 (R6-60.2, BD, cat#: 564028), IgM-PECy7 (II/41, eBioscience, cat#: 25-5790-81), IgD-PE (11-26, SouthernBiotech, cat#:1120-09L), IgD-BV510 (11-26c.2a, Biolegend, cat#:405723), IgD-PerCPCy55 (11-26c.2a, Biolegend cat#:405710), TCRb-BUV737 (H57-597, BD

For Peer Review

cat#:564799), CD45.2-BV785 (104, Biolegend, cat#:109839). Anti-PTBP1 (CLONE 1, ThermoFisher, cat#:32-4800), anti-PTBP2 (S43, from Michele Solimena) and anti-PTBP3 (MAC454, [13]) antibodies were conjugated to different fluorophores with antibody labelling kits from ThermoFisher (AF488, cat#:A20181; AF647, cat#:A20186 and AF594, cat#:A20185). eFluor780 (ThermoFisher, cat#: 65-0865-18) cell surface staining was used to identify live cells. Data were analysed with Flowjo (v 10.7.1).

Immunofluorescence

Spleens from chimaeras were embedded in optimal temperature cutting medium (OCT) and 10 μm sections cut using a Leica cryostat. Sections were fixed in acetone at -20°C, blocked with 2% BSA and 10% goat serum and permeabilised in 2% Triton-X. Sections were stained with rat anti-mouse IgD-AF647 (11-26c.2a, BioLegend, cat#:405708); rat anti-mouse IgM-BV421 (R6-60.2, BD, cat#:562595); and unconjugated hamster anti-mouse CD3 (500A2, eBioscience, cat#:14-0033-85) followed by goat anti-hamster IgG-AF568 (ThermoFisher, cat#:A-21112). Confocal images were acquired with a Nikon A1-R confocal microscope using the 20x/0.8 air objective lens. Laser excitation/emission detection bands for the three different fluorescent dyes were as follows (all in nm): BV421, ex408 em450/50; Alexa Fluor 568, ex562 em595/50 and Alexa Fluor 647, ex640 em700/75. The system was controlled using Nikon Elements software, with each fluorescence channel acquired independently to minimise spectral bleed through. ImageJ software was used to process the images.

iCLIP

The PTBP3 iCLIP reported in this study was carried out with primary B cells stimulated *ex vivo* for 48h with LPS (10 μg/ml, 127:B0, Sigma) as described in [13]. We used 10 μg of the anti-PTBP3 rabbit polyclonal antibody PTBP3-L2-3 [16] and 100 μl protein A magnetic Dynabeads (ThermoFisher, cat#:10002D). Details of the barcodes and oligos used can be accessed in GEO under: GSE168769. iCLIP libraries were mapped to the GRCm38 mouse genome M16 release version from Gencode with STAR [24]. cDNA reads were de-duplicated using random barcodes included in the library preparation and significant (FDR<0.05) xlink-binding sites were identified with iCount

For Peer Review

(https://icount.readthedocs.io/en/latest/cite.html). PTBP1 iCLIP was published previously [13],[15].

Data availability:

iCLIPs can be accessed in GEO, with the GSE136882 accession number for PTBP1 and GSE168769 for PTBP3.

Acknowledgements:

We thank Michele Solimena for *Ptbp1* mice and anti-PTBP2 antibodies, the Babraham Institute Biological Support Unit, Sequencing, Imaging, Flow Cytometry and Bioinformatics Facilities for assistance, Louise S. Matheson for computational assistance and Claudia Ribeiro de Almeida for comments on the manuscript. This study was supported by funding from the Biotechnology and Biological Sciences Research Council (BBSRC) (BB/P01898X/1; BBS/E/B/000C0407; BBS/E/B/000C0428; the BBSRC Core Capability Grant to the Babraham Institute; and a Wellcome Investigator award (200823/Z/16/Z) to M.T.

Author Contributions:

E.M.C., C.W.J.S. and M.T. conceptualised the study; E.M.C and K.J.B. carried out experiments; E.M.C. analysed data; E.M.C and M.T. wrote the manuscript with input from all the authors. E.M.C., C.W.J.S. and M.T. acquired funding for the study.

Conflicts of Interest:

The authors declare no commercial or financial conflicts of interest.

For Peer Review

Figure Legends

Figure 1. PTBP1 and PTBP3 bind redundantly to the transcriptome of B cells.

(A) Z-score correlation of motifs found in PTBP1 and PTBP3 iCLIPs.

(B) Proportions of xlink-binding sites in different genomic features.

(C) Density enrichment of xlink-binding sites in different genomic features.

(D) Significant (FDR<0.05) xlink-binding sites and number of cDNAs identified on each site along *Ighm* and *Ighd* transcripts.

(E) Overlaps of number of genes with a xlink-binding site (FDR<0.05) with a height ≥3 meaning that the xlink-binding site was identified with ≥3 independent cDNAs.

Figure 2. PTBP1 and PTBP3 are necessary for B cell maturation.

(A) Flow cytometry gating strategy identifying B cell populations amongst splenocytes. Numbers shown are percentages.

(B) Numbers of cells in spleens identified as shown in A. Bars show arithmetic means. Each symbol shows data from one mouse. P values from two-tailed unpaired Student's t-test are shown. Data from five- to six-mice pooled from two independent experiments are shown.

(C) Intracellular PTBP1 and PTBP3 staining analysed by flow cytometry in splenic B cells. Full gating strategy is shown in Supporting Information Fig. S1B.

(D) Numbers of cells in spleens from B6.SJL mice irradiated and reconstituted with bone marrow cells from control (*Cd79a*$^{Cre/+}$*Ptbp1*$^{+/+}$*Ptbp3*$^{+/+}$) or P1P3 CD79a dKO mice. Flow cytometry gating strategy is shown in Fig. S1D. Each symbol shows data from one mouse. P-values shown are from a two-tailed unpaired Student's t-test. Bars show arithmetic means. Data are from one experiment.

(E) Immunofluorescence of spleen sections from B6.SJL mice reconstituted with bone marrow cells from control (*Cd79a*$^{Cre/+}$*Ptbp1*$^{+/+}$*Ptbp3*$^{+/+}$) or P1P3 CD79a dKO mice. Images were captured at 20x magnification. Each image is from a different mouse.

Figure 3. PTBP1 and PTBP3 are necessary for the maintenance of mature B cells.

(A) Flow cytometry gating strategy to identify B cell populations amongst splenocytes. Events shown in first pseudocolour plots have been pre-gated on live (eFluor780-) single-cell lymphocytes.

For Peer Review

(B) Numbers of cells in spleens identified as shown in A. Bars show arithmetic means. Each symbol shows data from one mouse. P values from two-tailed unpaired Student's t-test are shown. Data shown are representative from one out of two independent experiments.

(C) Numbers of follicular B cells found in peripheral (axillar, inguinal and brachial) lymph nodes. Each symbol shows data from one mouse. P values from two-tailed unpaired Student's t-test are shown. Data shown is from one representative out of two independent experiments. Gating strategy is shown in Supporting Information Fig. S2B.

(D) Intracellular staining for PTBPs analysed by flow cytometry. Full gating strategy is shown in Supporting Information Fig. S2C.

For Peer Review

LEGENDS - SUPPORTING FIGURES

Figure S1. PTBP1 and PTBP3 are necessary for B cell maturation.

(A) Flow cytometry analysis and gating strategy of B1 cells in the peritoneum of mice with the indicated genotypes. Data shown are from two mice per genotype.

(B) Flow cytometry analysis of PTBP1, PTBP2 and PTBP3 intracellular staining in splenic B cells from control and P1P3 CD79a dKO mice. Top two rows show gating strategy of B cells. Pseudocolour plots in the bottom two rows show intracellular staining for the different PTBPs and their respective control staining using matching antibody isotypes. Data are representative of one out of three mice per genotype.

(C) Kidneys from representative mice. Polycystic kidneys were found in P1P3 CD79a dKO mice with a 100% prevalence amongst 30 mice examined.

(D) Flow cytometry gating strategy to identify B cell populations amongst splenocytes of B6.SJL mice reconstituted with bone marrow cells from control or P1P3 CD79a KO mice.

Figure S2. PTBP1 and PTBP3 are necessary for the maintenance of mature B cells.

(A) Flow cytometry analysis of splenic B cell populations amongst live (eFluor780-) B220+CD19+CD93- single lymphocytes. Numbers of cells in the spleen identified as shown on the left by flow cytometry. Bars show arithmetic means. Each symbol shows

data from one mouse. P values from two-tailed unpaired Student's t-test are shown. Data shown are representative from one out of two independent experiments.

(B) Flow cytometry gating strategy to identify mature B cells in lymph nodes.

(C) Intracellular staining for the different PTBPs and respective control staining using isotype matched antibodies in different populations of splenic B cells analysed by flow cytometry. Top two rows show gating strategy of the different B cell populations analysed.

(D) Flow cytometry gating strategy to identify PTBP1-high and PTBP1-low B cells. Histograms show a comparison of IgM and IgD staining between PTBP1-high and PTBP1-low B cells. Graphs show geometric mean fluorescence intensities (gMFI) from IgM and IgD staining. Bars show arithmetic means. Each symbol shows data from one mouse. P values from two-tailed unpaired Student's t-test are shown.

Table S1. Genes bound by PTBP1 and PTBP3

List of genes bound by PTBP1 or PTBP3 anywhere in the transcript (genes) or bound on different features (introns & CDS, 5'-UTR and 3'-UTR).

References:

1. **Noviski M**, **Tan C**, **Huizar J**, **Vykunta V**, **Mueller JL**, **Zikherman J**. Optimal Development of Mature B Cells Requires Recognition of Endogenous Antigens. *J. Immunol.* 2019; **203**:418–428.DOI: 10.4049/jimmunol.1900175.

2. **Loder BF**, **Mutschler B**, **Ray RJ**, **of CPTJ**, **1999**. B cell development in the spleen takes place in discrete steps and is determined by the quality of B cell receptor–derived signals. *rupress.org* .DOI: 10.1084/jem.190.1.75.

3. **Allman D**, **Lindsley RC**, **DeMuth W**, **Rudd K**, **Shinton SA**, **Hardy RR**. Resolution of three nonproliferative immature splenic B cell subsets reveals multiple selection points during peripheral B cell maturation. *The Journal of Immunology*. 2001; **167**:6834–6840.DOI: 10.4049/jimmunol.167.12.6834.

4. **Myers DR**, **Zikherman J**, **Roose JP**. Tonic Signals: Why Do Lymphocytes Bother? *Trends in Immunology*. 2017; **38**:844–857.DOI: 10.1016/j.it.2017.06.010.

For Peer Review

5. **Baumgarth N**. The Shaping of a B Cell Pool Maximally Responsive to Infections. *https://doi.org/10.1146/annurev-immunol-042718-041238*. 2021.DOI: 10.1146/annurev-immunol-042718-041238.

6. **Smulski CR**, **Eibel H**. BAFF and BAFF-Receptor in B Cell Selection and Survival. *Front. Immunol.* 2018; **9**.DOI: 10.3389/fimmu.2018.02285.

7. **Turner M**, **Gulbranson-Judge A**, **Quinn ME**, **Walters AE**, **Maclennan ICM**, **Tybulewicz VLJ**. Syk Tyrosine Kinase Is Required for the Positive Selection of Immature B Cells into the Recirculating B Cell Pool. *Journal of Experimental Medicine*. 1997; **186**:2013–2021.DOI: 10.1084/jem.186.12.2013.

8. **Srinivasan L**, **Sasaki Y**, **Calado DP**, **Zhang B**, **Paik J-H**, **DePinho RA**, **Kutok JL**, **Kearney JF, Otipoby KL, Rajewsky K.** PI3 kinase signals BCR-dependent mature B cell survival. *Cell*. 2009; **139**:573–586.DOI: 10.1016/j.cell.2009.08.041.

9. **Schweighoffer E**, **Tybulewicz VL**. Signalling for B cell survival. *Current Opinion in Cell Biology*. 2018; **51**:8–14.DOI: 10.1016/j.ceb.2017.10.002.

10. **Vanhee S**, **Åkerstrand H**, **Kristiansen TA**, **Datta S**, **Montano G**, **Vergani S**, **Lang S**, **Ungerbäck J, Doyle A, Olsson K, Beneventi G, Jensen CT, Bellodi C, Soneji S, Sigvardsson M, Gyllenbäck EJ, Yuan J.** Lin28b controls a neonatal to adult switch in B cell positive selection. *Sci Immunol*. 2019; **4**.DOI: 10.1126/sciimmunol.aax4453.

11. **Xu X**, **Deobagkar-Lele M**, **Bull KR**, **Crockford TL**, **Mead AJ**, **Cribbs AP**, **Sims D**, **Anzilotti C, Cornall RJ.** An ontogenetic switch drives the positive and negative selection of B cells. *Proc. Natl. Acad. Sci. U.S.A.* 2020; **117**:3718–3727.DOI: 10.1073/pnas.1915247117.

12. **Keppetipola N**, **Sharma S**, **Li Q**, **Black DL**. Neuronal regulation of pre-mRNA splicing by polypyrimidine tract binding proteins, PTBP1 and PTBP2. *Critical Reviews in Biochemistry and Molecular Biology*. 2012; **47**:360–378.DOI: 10.3109/10409238.2012.691456.

13. **Monzon-Casanova E**, **Screen M**, **Diaz-Muñoz MD**, **Coulson RMR**, **Bell SE**, **Lamers G**, **Solimena M**, **Smith CWJ, Turner M**. The RNA-binding protein PTBP1 is necessary for B cell selection in germinal centers. *Nat. Immunol.* 2018; **45**:471.DOI: 10.1038/s41590-017-0035-5.

14. **Sasanuma H**, **Ozawa M**, **Yoshida N**. RNA-binding protein Ptbp1 is essential for BCR-mediated antibody production. *Int. Immunol.* 2019; **31**:157–166.DOI: 10.1093/intimm/dxy077.

15. **Monzon-Casanova E**, **Matheson LS**, **Tabbada K**, **Zarnack K**, **Smith CW**, **Turner M**. Polypyrimidine tract-binding proteins are essential for B cell development. *eLife Sciences*. 2020; **9**:613.DOI: 10.7554/eLife.53557.

16. **Tan L-Y**, **Whitfield P**, **Llorian M**, **Monzon-Casanova E**, **Diaz-Muñoz MD**, **Turner M**, **Smith CWJ**. Generation of functionally distinct isoforms of PTBP3 by alternative splicing and translation initiation. *Nucleic Acids Res*. 2015; **43**:5586–5600.DOI: 10.1093/nar/gkv429.

For Peer Review

17. **Chen J**, **Cai Z**, **Bai M**, **Yu X**, **Zhang C**, **Cao C**, **Hu X**, **Wang L, Su R, Wang D, Wang L, Yao Y, Ye R, Hou B, Yu Y, Yu S, Li J, Xue Y.** The RNA-binding protein ROD1/PTBP3 cotranscriptionally defines AID-loading sites to mediate antibody class switch in mammalian genomes. *Cell Res.* 2018; **302**:575–995.DOI: 10.1038/s41422-018-0076-9.

18. **König J**, **Zarnack K**, **Rot G**, **Curk T**, **Kayikci M**, **Zupan B**, **Turner DJ**, **Luscombe NM, Ule J.** iCLIP reveals the function of hnRNP particles in splicing at individual nucleotide resolution. *Nat. Struct. Mol. Biol.* 2010; **17**:909–915.DOI: 10.1038/nsmb.1838.

19. **Shen H**, **Kan JLC**, **Ghigna C**, **Biamonti G**, **Green MR**. A single polypyrimidine tract binding protein (PTB) binding site mediates splicing inhibition at mouse IgM exons M1 and M2. *RNA*. 2004; **10**:787–794.DOI: 10.1261/rna.5229704.

20. **Hobeika E**, **Thiemann S**, **Storch B**, **Jumaa H**, **Nielsen PJ**, **Pelanda R**, **Reth M**. Testing gene function early in the B cell lineage in mb1-cre mice. *PNAS*. 2006; **103**:13789–13794.DOI: 10.1073/pnas.0605944103.

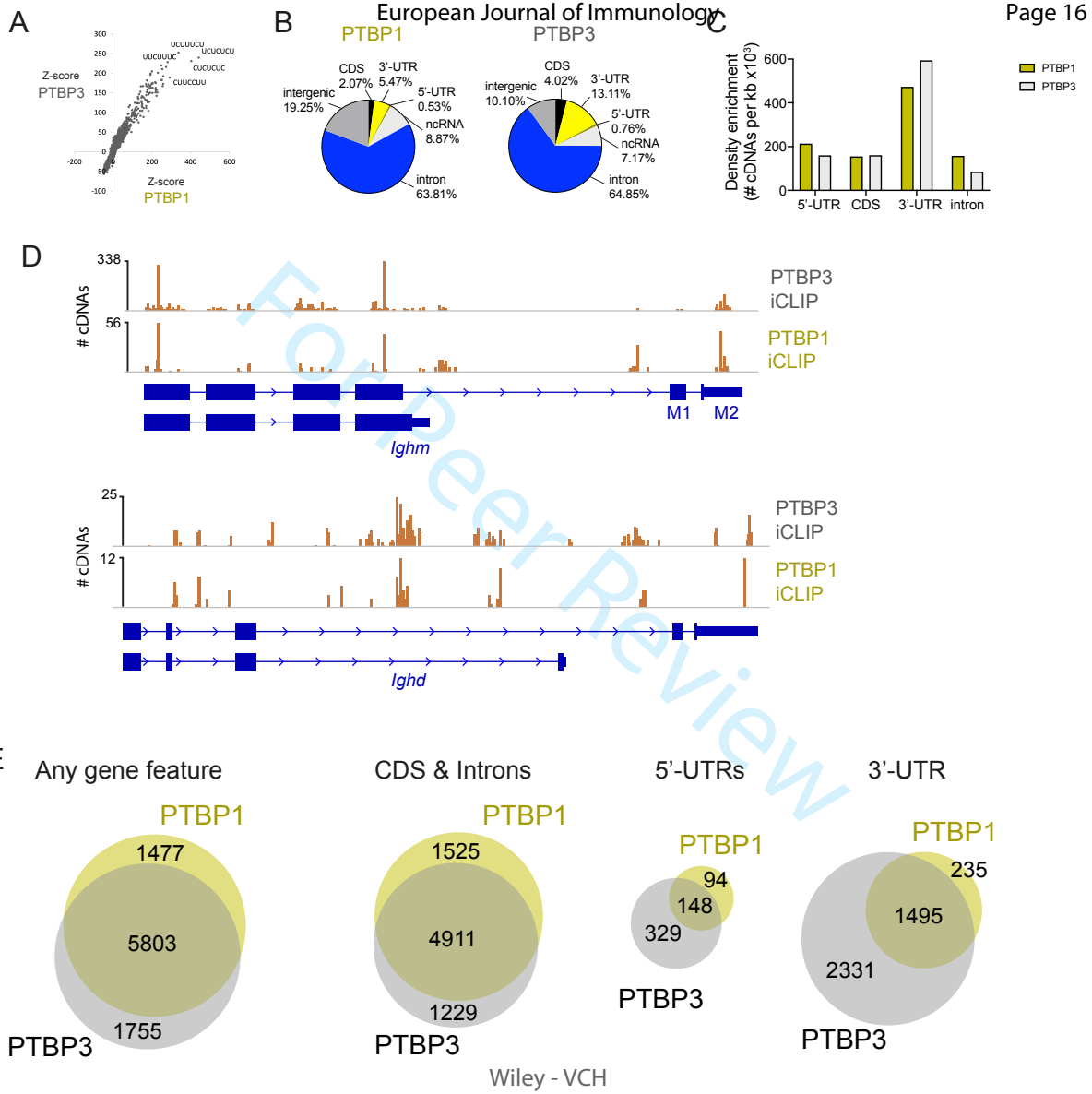
21. **Centini R**, **Tsang M**, **Iwata T**, **Park H**, **Delrow J**, **Margineantu D**, **Iritani BM**, **Gu H, Liggitt HD, Kang J, Kang L, Hockenbery DM, Raftery D, Iritani BM.** Loss of Fnip1 alters kidney developmental transcriptional program and synergizes with TSC1 loss to promote mTORC1 activation and renal cyst formation. *PLoS ONE*. 2018; **13**:e0197973.DOI: 10.1371/journal.pone.0197973.

22. **Kwon K**, **Hutter C**, **Sun Q**, **Bilic I**, **Cobaleda C**, **Malin S**, **Busslinger M**. Instructive role of the transcription factor E2A in early B lymphopoiesis and germinal center B cell development. *Immunity*. 2008; **28**:751–762.DOI: 10.1016/j.immuni.2008.04.014.

23. **Suckale J**, **Wendling O**, **Masjkur J**, **Jäger M**, **Münster C**, **Anastassiadis K**, **Stewart AF**, **Solimena M.** PTBP1 is required for embryonic development before gastrulation. Wutz A, ed. *PLoS ONE*. 2011; **6**:e16992.DOI: 10.1371/journal.pone.0016992.

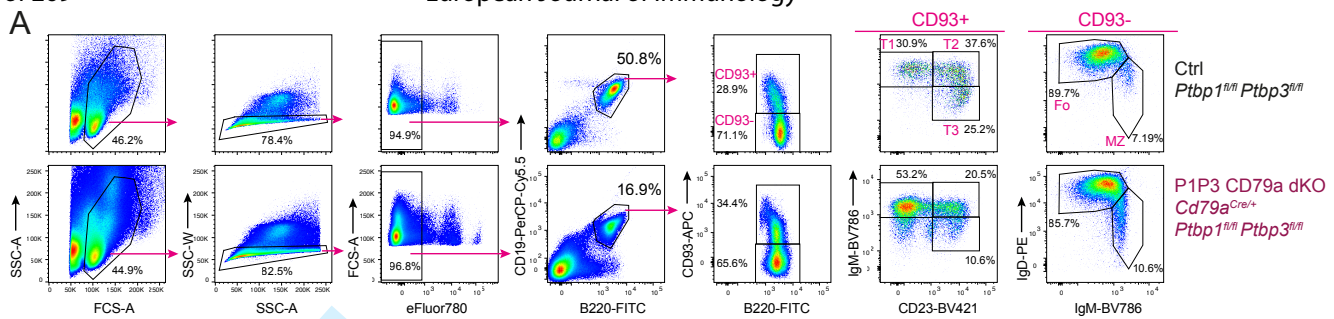
24. **Dobin A**, **Davis CA**, **Schlesinger F**, **Drenkow J**, **Zaleski C**, **Jha S**, **Batut P**, **Chaisson M, Gingeras TR.** STAR: ultrafast universal RNA-seq aligner. *Bioinformatics*. 2013; **29**:15–21.DOI: 10.1093/bioinformatics/bts635.

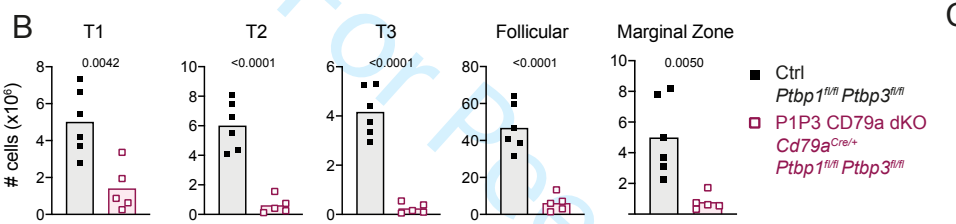
For Peer Review

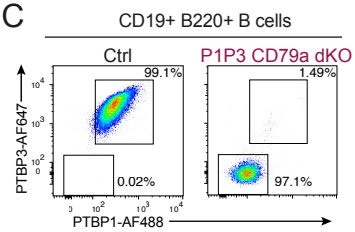


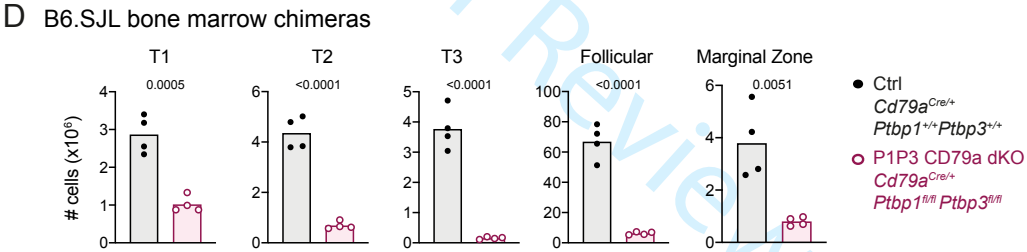
For Peer Review

Figure 1









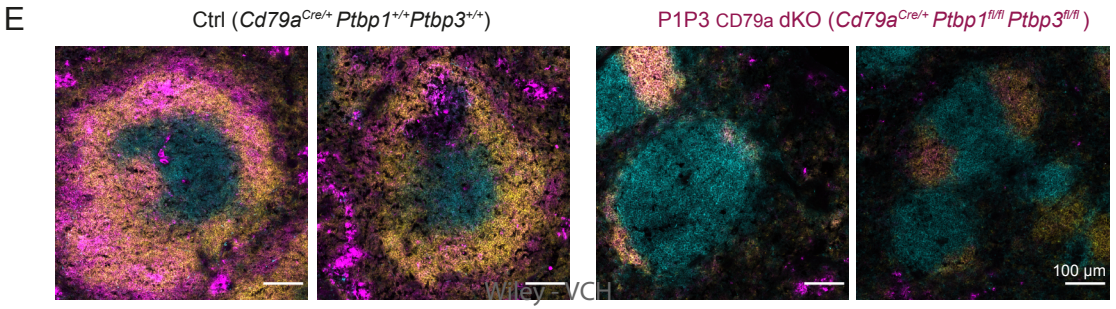
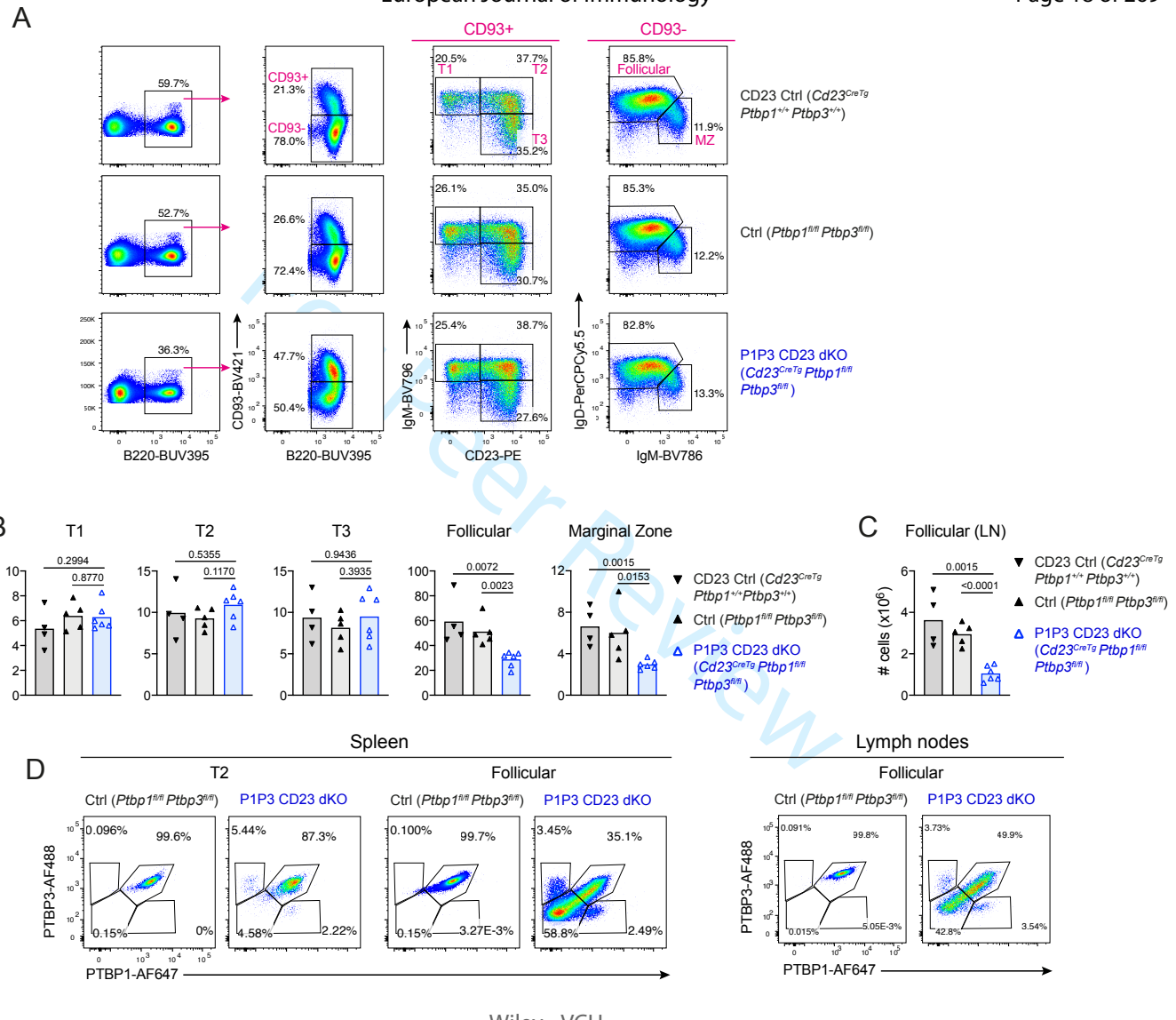


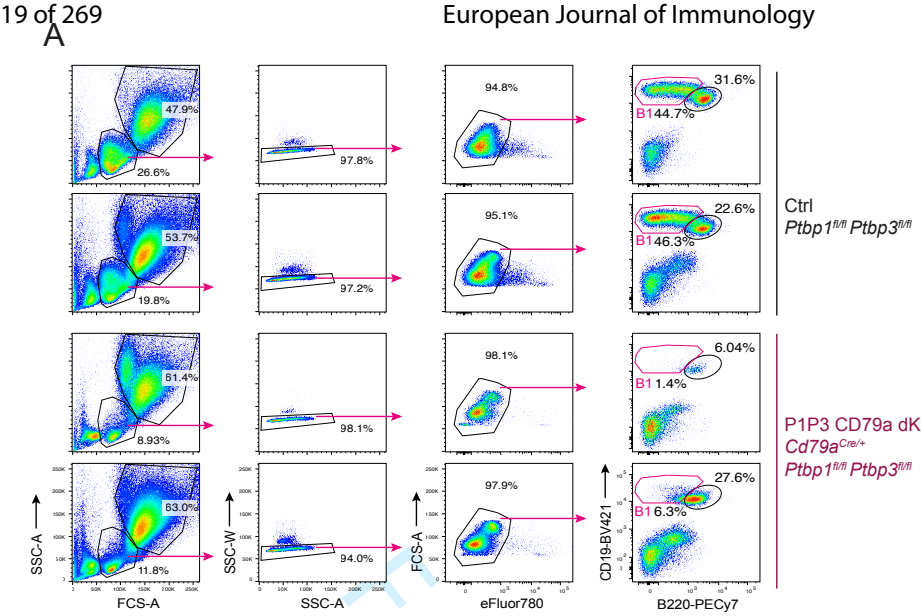
Figure 2

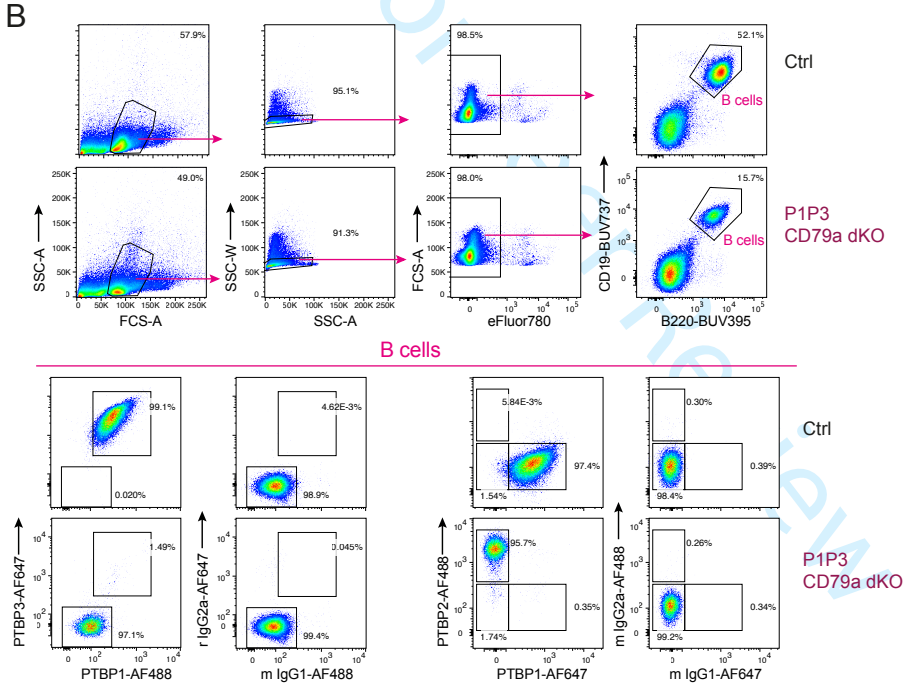
For Peer Review



For Peer Review

Figure 3





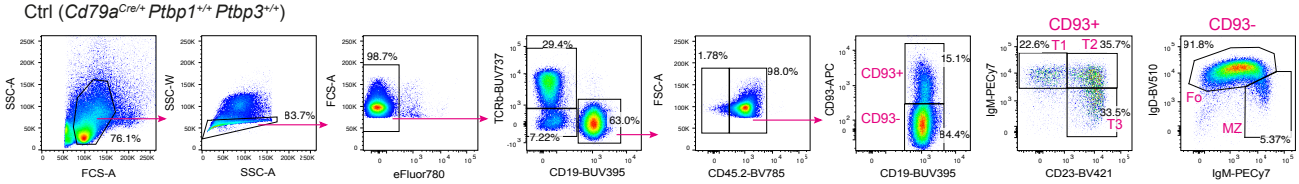
C

Ctrl
Ptbp1fl/fl Ptbp3fl/fl

P1P3 CD79a dKO
Cd79aCre/+
Ptbp1fl/fl Ptbp3fl/fl

D B6.SJL bone marrow chimeras

Ctrl (*Cd79aCre/+ Ptbp1+/+ Ptbp3+/+*)



P1P3 CD79a dKO (*Cd79aCre/+ Ptbp1fl/fl Ptbp3fl/fl*)

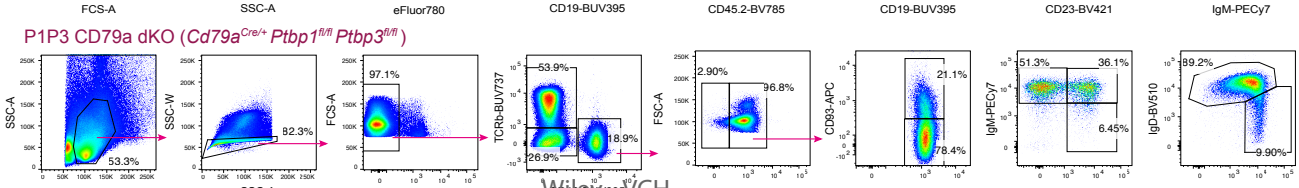
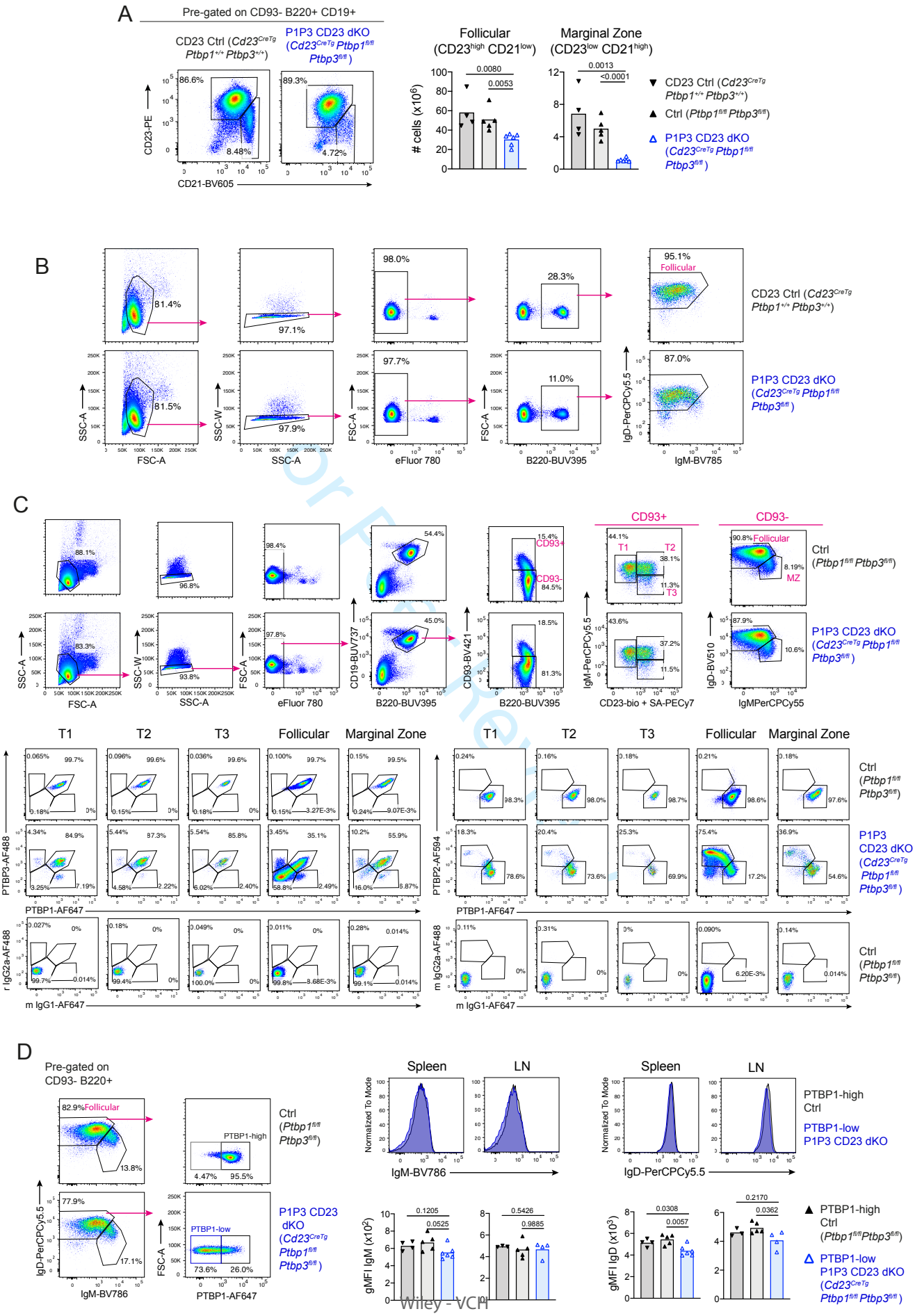


Figure S1

For Review Only



For Peer Review

Figure S2

Genes bound by PTBP1	Genes bound by PTBP3	Genes bound by PTBP1 on introns or CDS	Genes bound by PTBP3 on introns or CDS
CAAA01118383.1	Csprs	CAAA01118383.1	Csprs
Csprs	Vamp7	Csprs	Vamp7
Tmlhe	AC149090.1	Tmlhe	Xkr4
Xkr4	Xkr4	Xkr4	Lypla1
Lypla1	Gm1992	Lypla1	Tcea1
Tcea1	Lypla1	Tcea1	Atp6v1h
Atp6v1h	Tcea1	Atp6v1h	Rb1cc1
4732440D04Rik	Atp6v1h	Rb1cc1	Alkal1
Rb1cc1	Rb1cc1	Alkal1	Pcmtd1
Alkal1	Alkal1	Pcmtd1	Sntg1
Pcmtd1	Pcmtd1	Mybl1	Vcpip1
Gm26901	Gm26901	Vcpip1	Sgk3
Mybl1	Sntg1	Sgk3	Cspp1
Vcpip1	Vcpip1	Cspp1	Slco5a1
Sgk3	Sgk3	Prex2	Ncoa2
Snhg6	Snhg6	Slco5a1	Tram1
Cspp1	Cops5	Ncoa2	Lactb2
Arfgef1	Cspp1	Tram1	Terf1
Prex2	Arfgef1	Lactb2	Rpl7
Slco5a1	Slco5a1	Eya1	Rdh10
Ncoa2	Ncoa2	Terf1	Ube2w
Tram1	Tram1	Rpl7	Eloc
Lactb2	Lactb2	Rdh10	Pkhd1
Eya1	Terf1	Stau2	Mcm3
Terf1	Rpl7	Ube2w	Tram2
Rpl7	Rdh10	Eloc	Kcnq5
Rdh10	Gm7568	Pkhd1	Rims1
Stau2	Stau2	Mcm3	Smap1
Ube2w	Ube2w	Paqr8	Col19a1
Eloc	Eloc	Tram2	Lmbrd1
Pkhd1	Gm28153	Gsta3	Phf3
Mcm3	Pkhd1	Kcnq5	Khdrbs2
Paqr8	Mcm3	Smap1	Prim2
Tram2	Tram2	Sdhaf4	Zfp451
Gsta3	Kcnq5	Lmbrd1	Fam168b
Kcnq5	Rims1	Adgrb3	Plekhb2
Smap1	Gm29506	Phf3	Hs6st1
Sdhaf4	Ogfrl1	Khdrbs2	Uggt1
Fam135a	Smap1	Prim2	Arid5a
Lmbrd1	Sdhaf4	Zfp451	Kansl3
Adgrb3	Col19a1	Fam168b	Lman2l
Phf3	Lmbrd1	Plekhb2	Tmem131

For Peer Review

Khdrbs2	Phf3	Hs6st1	Inpp4a
Prim2	Ptp4a1	Uggt1	Mgat4a
Zfp451	Khdrbs2	Arid5a	Eif5b
Imp4	Prim2	Kansl3	Rev1
Fam168b	Zfp451	Lman2l	Aff3
Plekhb2	Ccdc115	Cnnm3	Chst10
Hs6st1	Imp4	Tmem131	Map4k4
Uggt1	Fam168b	Inpp4a	Tmem182
Arid5a	Plekhb2	Unc50	Mrps9
Kansl3	Hs6st1	Mgat4a	Tgfbrap1
Lman2l	Uggt1	2010300C02Rik	Nck2
Cnnm3	Neurl3	Mitd1	Uxs1
Tmem131	Arid5a	Eif5b	Tpp2
Inpp4a	Kansl3	Rev1	Tex30
Coa5	Lman2l	Aff3	Ercc5
Unc50	Cnnm3	Rpl31	Gulp1
Mgat4a	Cox5b	Rnf149	Col5a2
2010300C02Rik	Tmem131	Map4k4	Wdr75
Mitd1	Inpp4a	Il1r2	Slc39a10
Txndc9	Coa5	Mrps9	Tmeff2
Eif5b	Mgat4a	Tgfbrap1	Stat4
Rev1	Txndc9	Nck2	Stat1
Aff3	Eif5b	Uxs1	Gls
Rpl31	Rev1	Tpp2	Nab1
Rnf149	Aff3	Tex30	Nemp2
Map4k4	Chst10	Bivm	Inpp1
Il1r2	Rnf149	Ercc5	Hibch
Mrps9	Map4k4	Gulp1	Pms1
Tgfbrap1	Tmem182	Wdr75	Stk17b
Nck2	Gm29260	Slc39a10	Hecw2
Uxs1	Mrps9	Stat4	Ankrd44
Tpp2	Tgfbrap1	Stat1	Sf3b1
Tex30	AI597479	Gls	Hspd1
Gm29247	Nck2	Nab1	Hspe1
Bivm	Uxs1	Nemp2	Mob4
Ercc5	Tpp2	Inpp1	Plcl1
Gulp1	Tex30	Hibch	1700066M21Rik
Wdr75	Bivm	1700019A02Rik	Sgo2a
Slc39a10	Ercc5	Pms1	Aox4
Stat4	Gulp1	Osgepl1	Bzw1
Stat1	Col5a2	Stk17b	Clk1
Gls	Wdr75	Ccdc150	Ppil3
Nab1	Slc39a10	Gtf3c3	Nif3l1
Nemp2	Tmeff2	Ankrd44	Orc2
Inpp1	Nabp1	Sf3b1	Ndufb3
Hibch	Stat4	Hspd1	Cflar

For Peer Review

1700019A02Rik	Stat1	Mob4	Casp8
Pms1	Gls	Plcl1	Trak2
Osgepl1	Nab1	1700066M21Rik	Tmem237
Stk17b	Nemp2	Sgo2a	Sumo1
Ccdc150	Inpp1	Aox1	Nop58
Gtf3c3	Hibch	Bzw1	Fam117b
Pgap1	Pms1	Clk1	Wdr12
Ankrd44	Stk17b	Orc2	Raph1
Sf3b1	Hecw2	Fam126b	Ctla4
Hspd1	Ankrd44	Cflar	Ino80d
Mob4	Sf3b1	Casp8	Ndufs1
Plcl1	Hspd1	Trak2	Eef1b2
1700066M21Rik	Hspe1	Stradb	Adam23
Sgo2a	Mob4	Als2	Klf7
Aox1	Plcl1	Sumo1	Creb1
Bzw1	1700066M21Rik	Nop58	Plekhm3
Clk1	Sgo2a	Fam117b	Idh1
Orc2	Aox4	Wdr12	Pikfyve
Fam126b	Bzw1	Carf	Map2
Cflar	Clk1	Raph1	Rpe
Casp8	Ppil3	Ino80d	Kansl1l
Trak2	Nif3l1	Ndufs1	Acadl
Stradb	Orc2	Eef1b2	Erbb4
Als2	Fam126b	Fastkd2	Spag16
Sumo1	Ndufb3	Klf7	Bard1
Nop58	Cflar	Creb1	Atic
Fam117b	Casp8	Ccnyl1	Mreg
Wdr12	Trak2	Plekhm3	Pecr
Carf	Stradb	Pikfyve	Xrcc5
Abi2	Tmem237	Map2	Smarcal1
Raph1	Sumo1	Rpe	Arpc2
Ctla4	Nop58	Kansl1l	Ctdsp1
4930587A21Rik	Fam117b	Acadl	Usp37
Pard3b	Wdr12	Lancl1	Cnot9
Ino80d	Abi2	Erbb4	Zfp142
Ino80dos	Raph1	Ikzf2	Ttll4
Ndufs1	Ctla4	Spag16	Nhej1
Eef1b2	Pard3b	Bard1	Retreg2
Fastkd2	Ino80d	Atic	Ankzf1
Klf7	Ino80dos	Mreg	Tuba4a
Gm28981	Ndufs1	Pecr	Gmppa
Creb1	Eef1b2	Xrcc5	Tmem198
Ccnyl1	Adam23	Smarcal1	Farsb
Fzd5	Klf7	Rpl37a	Acsl3
Plekhm3	Gm28981	Arpc2	Ap1s3
Pikfyve	Creb1	Aamp	Wdfy1

For Peer Review

Map2	Plekhm3	Usp37	Serpine2
Rpe	Idh1	Cnot9	Cul3
Kansl1l	Pikfyve	Zfp142	Dock10
Acadl	Map2	Rnf25	Nyap2
Lancl1	Gm10558	Ttll4	Rhbdd1
Erbb4	Rpe	Nhej1	Col4a3
Ikzf2	Kansl1l	Cnppd1	Mff
Spag16	Acadl	Zfand2b	Agfg1
Bard1	Erbb4	Atg9a	Pid1
Atic	Spag16	Ankzf1	Trip12
Mreg	Bard1	Gmppa	A530032D15Rik
D230017M19Rik	Atic	Epha4	C130026I21Rik
Pecr	Apol7d	Farsb	Sp110
Xrcc5	Mreg	Acsl3	Sp140
Smarcal1	D230017M19Rik	Ap1s3	Sp100
Rpl37a	Pecr	Wdfy1	A630001G21Rik
Arpc2	Xrcc5	Cul3	Cab39
Aamp	Smarcal1	Dock10	Itm2c
Pnkd	Arpc2	Nyap2	Gpr55
Usp37	Aamp	Rhbdd1	Psmd1
Cnot9	Pnkd	Col4a3	Gm21972
Zfp142	Ctdsp1	Mff	Ncl
Rnf25	Usp37	Agfg1	Pde6d
Ttll4	Cnot9	Trip12	Cops7b
Nhej1	Zfp142	A530032D15Rik	Dis3l2
Cnppd1	Ttll4	C130026I21Rik	Eif4e2
Zfand2b	Gm16582	Sp110	Gigyf2
Atg9a	Nhej1	Sp140	Inpp5d
Ankzf1	Retreg2	Sp100	Atg16l1
Gmppa	Ankzf1	A630001G21Rik	Dgkd
Gm816	Tuba4a	Cab39	Usp40
Epha4	Dnpep	Gpr55	Hjurp
Farsb	Gmppa	Psmd1	Lrrfip1
Acsl3	Tmem198	Armc9	Ube2f
Utp14b	Stk11ip	Ncl	Scly
Ap1s3	Gm816	Nmur1	Ilkap
Wdfy1	Farsb	Pde6d	Twist2
Mrpl44	Acsl3	Cops7b	Hdac4
Fam124b	Utp14b	Dis3l2	Cops9
Cul3	Gm29536	Eif4e2	Pask
Dock10	Ap1s3	Gigyf2	Ppp1r7
Nyap2	Wdfy1	Inpp5d	Hdlbp
Rhbdd1	Mrpl44	Atg16l1	Sept2
Col4a3	Serpine2	Dgkd	Farp2
Mff	Cul3	Usp40	Thap4
Agfg1	Dock10	Hjurp	Atg4b

For Peer Review

Trip12	Nyap2	Cops8	Dtymk
A530032D15Rik	Rhbdd1	Lrrfip1	Ing5
C130026I21Rik	Col4a3	Ube2f	D2hgdh
Gm7609	Mff	Scly	St8sia4
Sp110	Agfg1	Ilkap	Ppip5k2
Sp140	Pid1	Hdac4	Pign
Sp100	Trip12	Kif1a	Relch
A630001G21Rik	A530032D15Rik	Pask	Zcchc2
Cab39	Gm7609	Ppp1r7	Phlpp1
Itm2c	C130026I21Rik	Hdlbp	Bcl2
Gpr55	Sp110	Sept2	Vps4b
Psmd1	Sp140	Farp2	Cntnap5a
Armc9	Sp100	Thap4	Tsn
Gm16341	A630001G21Rik	Atg4b	Ptpn4
Ncl	Cab39	Dtymk	Insig2
C130036L24Rik	Itm2c	Ing5	Ddx18
Nmur1	Gpr55	D2hgdh	Dpp10
Ptma	Psmd1	Fam174a	Actr3
Pde6d	Gm21972	St8sia4	Mgat5
Cops7b	Ncl	D1Ertd622e	Tmem163
Dis3l2	C130036L24Rik	Ppip5k2	Ccnt2
Eif4e2	Ptma	Pam	Rab3gap1
Gigyf2	Pde6d	Cntnap5b	Zranb3
Inpp5d	Cops7b	Pign	R3hdm1
Atg16l1	Dis3l2	Relch	Ubxn4
Dgkd	Eif4e2	Zcchc2	Mcm6
Usp40	Gigyf2	Phlpp1	Dars
Hjurp	Inpp5d	Bcl2	Cxcr4
Cops8	Atg16l1	Vps4b	Cd55
Lrrfip1	Dgkd	Cdh19	Zp3r
Ube2f	Usp40	Epb41l5	Pfkfb2
Scly	Hjurp	Ptpn4	Fcmr
Ilkap	Cops8	Insig2	Il10
Asb1	Lrrfip1	Ccdc93	Mapkapk2
Hdac4	Ube2f	Ddx18	Eif2d
Kif1a	Scly	Actr3	Rassf5
Pask	Ilkap	Slc35f5	Srgap2
Ppp1r7	Twist2	Mgat5	Ctse
Hdlbp	Hdac4	Tmem163	Slc41a1
Sept2	Cops9	Ccnt2	Nucks1
Farp2	Gpc1	Rab3gap1	Elk4
Thap4	Pask	Zranb3	Nuak2
Atg4b	Ppp1r7	R3hdm1	Tmcc2
Dtymk	Hdlbp	Ubxn4	Rbbp5
Ing5	Sept2	Mcm6	Mdm4
D2hgdh	Farp2	Dars	Sox13

For Peer Review

Fam174a	Thap4	Cd55b	Snrpe
St8sia4	Atg4b	Cd55	Zc3h11a
D1Ertd622e	Dtymk	Pfkfb2	Gm38394
Ppip5k2	Ing5	Fcmr	Lax1
Pam	D2hgdh	Il10	Tmem183a
1810006J02Rik	Fam174a	Mapkapk2	Adipor1
Cntnap5b	St8sia4	Dyrk3	Klhl12
AC124553.1	D1Ertd622e	Eif2d	Kdm5b
Pign	Ppip5k2	Rassf5	Ppp1r12b
Relch	Pign	Ikbke	Ptpn7
Gm7160	Relch	Srgap2	Rnpep
Zcchc2	Zcchc2	Nucks1	Timm17a
Phlpp1	Phlpp1	Elk4	Ipo9
Bcl2	Bcl2	Nuak2	Csrp1
Vps4b	Vps4b	Rbbp5	Kif21b
Cdh19	9330185C12Rik	Mdm4	Kif14
9330185C12Rik	Cntnap5a	Pik3c2b	Ptprc
Tsn	Tsn	Zc3h11a	Nek7
Clasp1	Clasp1	Lax1	Dennd1b
Epb41l5	Ralb	Btg2	Crb1
Ptpn4	Epb41l5	Tmem183a	Aspm
Dbi	Ptpn4	Klhl12	Gm4788
Insig2	Dbi	Rabif	Cdc73
Ccdc93	Insig2	Kdm5b	Uchl5
Ddx18	Ddx18	Ppp1r12b	Pla2g4a
Actr3	Dpp10	Ube2t	Tpr
Slc35f5	Actr3	Ptpn7	Ivns1abp
Mgat5	Mgat5	Arl8a	Swt1
Tmem163	Tmem163	Rnpep	Trmt1l
Ccnt2	Ccnt2	Ipo9	Rnf2
Rab3gap1	Rab3gap1	Kif21b	Fam129a
Zranb3	Zranb3	Camsap2	Edem3
R3hdm1	R3hdm1	Kif14	Tsen15
Ubxn4	Ubxn4	Ptprc	Rgl1
Mcm6	Mcm6	Nek7	Arpc5
Dars	Dars	Dennd1b	Ncf2
Cd55b	Cxcr4	Crb1	Smg7
Cd55	Cd55	Zbtb41	Lamc1
Gm16083	Zp3r	Aspm	Dhx9
Pfkfb2	Pfkfb2	Cdc73	Rgsl1
Gm15848	Yod1	Uchl5	Cacna1e
Fcmr	Fcmr	Pla2g4a	Stx6
Il10	Il10	Tpr	Xpr1
Mapkapk2	Mapkapk2	Ivns1abp	Acbd6
Dyrk3	Eif2d	Trmt1l	Qsox1
Eif2d	Rassf5	Rnf2	Cep350

For Peer Review

Rassf5	Srgap2	Fam129a	Tor1aip1
Ikbke	Ctse	Edem3	Tor1aip2
Srgap2	Slc41a1	Tsen15	Soat1
Slc41a1	Nucks1	Rgl1	Abl2
Nucks1	Elk4	Arpc5	Tor3a
Elk4	Nuak2	Ncf2	Ralgps2
Nuak2	F730311O21Rik	Smg7	Cop1
F730311O21Rik	Tmcc2	Lamc1	4930523C07Rik
Rbbp5	Rbbp5	Dhx9	Rabgap1l
Mdm4	Mdm4	Npl	Rc3h1
Pik3c2b	Pik3c2b	Cacna1e	Serpinc1
Ppp1r15b	Ppp1r15b	Stx6	Cenpl
Zc3h11a	Sox13	Xpr1	Prdx6
Gm38394	Snrpe	Acbd6	Suco
Lax1	Zc3h11a	Qsox1	Pigc
Btg2	Gm38394	Cep350	Dnm3
Tmem183a	Lax1	Tor1aip1	Vamp4
Cyb5r1	Btg2	Tor1aip2	Prrc2c
Klhl12	Tmem183a	Tdrd5	Scyl3
Rabif	Cyb5r1	Soat1	BC055324
Kdm5b	Adipor1	Abl2	Sell
Ppp1r12b	Klhl12	Tor3a	F5
Ube2t	Rabif	Ralgps2	Sft2d2
Ptpn7	Kdm5b	Rasal2	Tiprl
Arl8a	Ppp1r12b	Cop1	Dcaf6
Rnpep	Ube2t	4930523C07Rik	Rcsd1
Ipo9	Ptpn7	Mrps14	Cd247
Kif21b	Arl8a	Rabgap1l	Pou2f1
Camsap2	Rnpep	Rc3h1	Uck2
Kif14	Timm17a	Cenpl	Tmco1
Zfp281	Ipo9	Klhl20	Lmx1a
Gm4258	Csrp1	Suco	Pbx1
Ptprc	Kif21b	Dnm3	Nuf2
Nek7	Camsap2	Vamp4	Uap1
Lhx9	Kif14	Prrc2c	Uhmk1
Dennd1b	Zfp281	Scyl3	Nos1ap
Crb1	Gm4258	BC055324	Atf6
Zbtb41	Ptprc	Sell	Dusp12
Aspm	Nek7	Sft2d2	Fcrla
Cdc73	Lhx9	Tiprl	Fcgr2b
Uchl5	Dennd1b	Dcaf6	Sdhc
Pla2g4a	Crb1	Mpc2	Ndufs2
Odr4	Zbtb41	Adcy10	Ppox
Tpr	Aspm	Rcsd1	Dedd
Ivns1abp	Gm4788	Pou2f1	Nectin4
Trmt1l	Kcnt2	Uck2	Arhgap30

For Peer Review

Rnf2	Cdc73	Lmx1a	Usf1
Fam129a	Uchl5	Pbx1	Ly9
Edem3	Pla2g4a	Nuf2	Slamf7
Tsen15	Tpr	Uap1	Cd48
Rgl1	Ivns1abp	Uhmk1	Cd84
Arpc5	Swt1	Nos1ap	Slamf6
Ncf2	Trmt1l	Atf6	Ncstn
Smg7	Rnf2	Dusp12	Copa
Lamc1	Fam129a	Fcrla	Pex19
E330020D12Rik	Edem3	Fcgr2b	Dcaf8
Dhx9	Tsen15	Fcgr4	Tagln2
Npl	Rgl1	Fcgr3	Vsig8
Cacna1e	Arpc5	Ppox	Aim2
Stx6	Ncf2	Usp21	Ifi214
Xpr1	Smg7	Dedd	Ifi209
Acbd6	Lamc1	Arhgap30	Mndal
Qsox1	E330020D12Rik	Usf1	Ifi203
Gm37571	Dhx9	Cd244a	Fh1
Cep350	Rgsl1	Ly9	Kmo
Tor1aip1	Glul	Slamf7	Exo1
Tor1aip2	A830008E24Rik	Cd48	Cep170
Tdrd5	Cacna1e	Cd84	Sdccag8
Soat1	Stx6	Slamf6	Akt3
Abl2	Xpr1	Ncstn	Zbtb18
Tor3a	Acbd6	Copa	Adss
Ralgps2	Qsox1	Dcaf8	Catspere2
Angptl1	Cep350	Vsig8	Desi2
Rasal2	Tor1aip1	Aim2	Hnrnpu
Cop1	Tor1aip2	Ifi214	Efcab2
4930523C07Rik	Soat1	Ifi209	Kif26b
Mrps14	Abl2	Ifi208	Smyd3
Rabgap1l	Tor3a	Mndal	Tfb2m
Rc3h1	Fam20b	Ifi203	Cnst
Zbtb37	Ralgps2	Fmn2	Ahctf1
Gas5	Rasal2	Rgs7	Psen2
Cenpl	Cop1	Kmo	Itpkb
Klhl20	4930523C07Rik	Opn3	Parp1
Suco	Mrps14	Cep170	Lin9
Dnm3	Cacybp	Sdccag8	Acbd3
Vamp4	Rabgap1l	Akt3	H3f3a
Prrc2c	Rc3h1	Adss	Ephx1
Scyl3	Serpinc1	Desi2	Nvl
BC055324	Zbtb37	Hnrnpu	Cnih4
Sell	Gas5	Efcab2	Wdr26
Gm37853	Cenpl	Smyd3	Lbr
Sft2d2	Klhl20	Sccpdh	Degs1

For Peer Review

Tiprl	Prdx6	Ahctf1	Fbxo28
Dcaf6	Suco	Psen2	Capn2
Mpc2	Pigc	Itpkb	Susd4
Adcy10	Dnm3	Parp1	Brox
Rcsd1	Vamp4	Acbd3	Aida
Pou2f1	Prrc2c	Sde2	Mia3
Gm26665	Scyl3	Tmem63a	Dusp10
Uck2	BC055324	Nvl	Iars2
Tmco1	Sell	Cnih4	Eprs
Lmx1a	F5	Wdr26	Rrp15
Pbx1	Atp1b1	Lbr	Gpatch2
Nuf2	Gm37853	Enah	Ush2a
Uap1	Sft2d2	Srp9	Kctd3
Uhmk1	Tiprl	Fbxo28	Cenpf
Nos1ap	Dcaf6	Trp53bp2	Smyd2
Atf6	Rcsd1	Capn2	Rps6kc1
Dusp12	Cd247	Capn8	Angel2
Fcrla	Pou2f1	Susd4	Flvcr1
Fcgr2b	Tada1	Disp1	Nsl1
Fcgr4	Pogk	Brox	Atf3
Fcgr3	Uck2	Aida	Tmem206
Ndufs2	Tmco1	Mia3	Ppp2r5a
Ppox	Lmx1a	Dusp10	Dtl
Usp21	Pbx1	Iars2	Ints7
Dedd	Nuf2	Eprs	Lpgat1
Arhgap30	Hsd17b7	Tgfb2	Rcor3
Usf1	Uap1	Rrp15	Diexf
Cd244a	Uhmk1	Gpatch2	Traf3ip3
Ly9	Nos1ap	Esrrg	Lamb3
Slamf7	Atf6	Ush2a	Cr1l
Cd48	Dusp12	Kctd3	Cr2
Cd84	Fcrla	Cenpf	Ppp1r14c
Slamf6	Fcgr2b	Smyd2	Mthfd1l
Ncstn	Sdhc	Rps6kc1	Akap12
Copa	Fcer1g	Angel2	Rmnd1
Pex19	Ndufs2	Flvcr1	Armt1
Dcaf8	Ppox	Nsl1	Syne1
Tagln2	Usp21	Atf3	Mtrf1l
4933439K11Rik	Dedd	Ppp2r5a	Ulbp1
Vsig8	Pfdn2	Dtl	Pcmt1
Crp	Nectin4	Ints7	Nup43
Aim2	Arhgap30	Lpgat1	Lats1
Ifi214	Usf1	Nek2	Katna1
Ifi213	Ly9	Rcor3	Ppil4
Ifi209	Slamf7	Hhat	Zc3h12d
Ifi208	Cd48	Diexf	Tab2

For Peer Review

Mndal	Cd84	Traf3ip3	Ust
Ifi203	Slamf6	Lamb3	Stxbp5
Fmn2	Vangl2	Cd46	Shprh
Rgs7	Ncstn	Cr1l	Utrn
Kmo	Copa	Cr2	Stx11
Opn3	Pex19	Ppp1r14c	Phactr2
Exo1	Dcaf8	Mthfd1l	Pex3
Cep170	Tagln2	Akap12	Aig1
Sdccag8	Vsig8	Zbtb2	Hivep2
Akt3	Crp	Rmnd1	Vta1
Zbtb18	Aim2	Armt1	Heca
Adss	Ifi214	Esr1	Reps1
Desi2	Ifi209	Fbxo5	Arfgef3
Hnrnpu	Mndal	Ipcef1	Tnfaip3
Efcab2	Ifi203	Ulbp1	Ifngr1
Smyd3	Fh1	Pcmt1	Pex7
Sccpdh	Kmo	Lats1	Map3k5
Ahctf1	Exo1	Katna1	Bclaf1
Coq8a	Cep170	Ppil4	Myb
Psen2	Sdccag8	Zc3h12d	Hbs1l
Itpkb	Akt3	Tab2	1700020N01Rik
Parp1	Zbtb18	Ust	Raet1e
Acbd3	Adss	Sash1	Tbpl1
Sde2	Catspere2	Shprh	Eya4
Tmem63a	Desi2	Fbxo30	Rps12
Nvl	B230369F24Rik	Utrn	Stx7
Cnih4	Hnrnpu	Stx11	Enpp1
Wdr26	Efcab2	Phactr2	Med23
Lbr	Kif26b	Fuca2	Akap7
Enah	Smyd3	Aig1	Epb41l2
Srp9	Tfb2m	Hivep2	L3mbtl3
Fbxo28	Cnst	Vta1	Ptprk
Trp53bp2	Ahctf1	Heca	Gm49353
Capn2	Psen2	Reps1	Trmt11
Capn8	Itpkb	Ifngr1	Hint3
Susd4	Parp1	Pex7	Ncoa7
Disp1	Lin9	Map3k5	Zup1
Brox	Acbd3	Map7	Rwdd1
Aida	H3f3a	Bclaf1	Trappc3l
Mia3	Sde2	Mtfr2	Dse
Dusp10	Ephx1	Myb	Nt5dc1
Iars2	Nvl	Hbs1l	Frk
Eprs	Cnih4	E030030I06Rik	Hdac2
Tgfb2	Wdr26	Raet1e	Marcks
Rrp15	Lbr	Tbpl1	Fyn
Gpatch2	Srp9	Rps12	Traf3ip2

For Peer Review

Esrrg	Degs1	Stx7	Rev3l
Ush2a	Fbxo28	Enpp1	Slc16a10
Kctd3	Capn2	Med23	Rpf2
Cenpf	Susd4	Akap7	Cdk19
Smyd2	Disp1	Epb41l2	Cdc40
Rps6kc1	Brox	L3mbtl3	Fig4
Angel2	Aida	Arhgap18	Cd164
Flvcr1	Mia3	Gm49353	Cep57l1
Nsl1	Dusp10	Echdc1	Sesn1
Atf3	Marc2	Rnf146	Foxo3
Ppp2r5a	Iars2	Cenpw	Afg1l
Gm32200	Eprs	Trmt11	Snx3
Dtl	Rrp15	Hint3	Ostm1
Ints7	Gpatch2	Ncoa7	Sec63
Lpgat1	Ush2a	Hddc2	Scml4
Nek2	Kctd3	Nkain2	Pdss2
Rcor3	Cenpf	Zup1	Cd24a
Hhat	Smyd2	Dse	Qrsl1
Diexf	Rps6kc1	Nt5dc1	Rtn4ip1
A130010J15Rik	Angel2	Hdac2	Atg5
Traf3ip3	Flvcr1	Fyn	Prdm1
Lamb3	Nsl1	Traf3ip2	Prep
A330023F24Rik	Atf3	Rev3l	Popdc3
Cd46	Tmem206	Slc16a10	Hace1
Cr1l	Ppp2r5a	Rpf2	Gopc
Cr2	Dtl	Cdk19	Nus1
Ppp1r14c	Ints7	Cdc40	Mcm9
Mthfd1l	Lpgat1	Fig4	Asf1a
Akap12	Traf5	Mical1	Fam184a
Zbtb2	Rcor3	Smpd2	Man1a
Rmnd1	Diexf	Cd164	Serinc1
Armt1	A130010J15Rik	Cep57l1	Pkib
Esr1	Traf3ip3	Sesn1	Gcc2
Fbxo5	Lamb3	Foxo3	Lims1
Ipcef1	A330023F24Rik	Afg1l	P4ha1
Ulbp1	Cr1l	Snx3	Mcu
Pcmt1	Cr2	Ostm1	Micu1
Lats1	Ppp1r14c	Sec63	Dnajb12
Katna1	Mthfd1l	Pdss2	Ddit4
Ppil4	Akap12	Cd24a	Anapc16
Zc3h12d	Rmnd1	Qrsl1	Ascc1
Tab2	Armt1	Rtn4ip1	Chst3
Ust	Syne1	Atg5	Psap
Sash1	Fbxo5	Prdm1	Slc29a3
Shprh	Mtrf1l	Prep	Sgpl1
Fbxo30	Ulbp1	Hace1	Eif4ebp2

For Peer Review

Utrn	Pcmt1	Lilrb4a	Ppa1
B230208H11Rik	Nup43	Ros1	Sar1a
Stx11	Lats1	Gopc	Col13a1
Phactr2	Katna1	Nus1	Hk1
Fuca2	Ppil4	Mcm9	Supv3l1
Aig1	Zc3h12d	Asf1a	Vps26a
Hivep2	Tab2	Fam184a	Srgn
Vta1	Ust	Man1a	Ddx21
Cited2	Stxbp5	Serinc1	Ddx50
Heca	Shprh	Pkib	Ccar1
Reps1	Utrn	Gcc2	Slc25a16
Tnfaip3	B230208H11Rik	Lims1	Rufy2
Ifngr1	Stx11	Sept10	Herc4
Pex7	Phactr2	P4ha1	Ctnna3
Map3k5	Pex3	Mcu	Lrrtm3
Map7	Aig1	Micu1	Reep3
Bclaf1	Hivep2	Anapc16	Jmjd1c
Mtfr2	Vta1	Ascc1	Nrbf2
Myb	Cited2	Chst3	Arid5b
Hbs1l	Heca	Psap	Rhobtb1
E030030I06Rik	Reps1	Slc29a3	Cdk1
Gm26740	Arfgef3	Sgpl1	Ccdc6
Raet1e	Tnfaip3	Eif4ebp2	Phyhipl
Tbpl1	Ifngr1	Lrrc20	Bicc1
Rps12	Pex7	Ppa1	Ube2d1
Stx7	Map3k5	Sar1a	Ipmk
Enpp1	Map7	Tysnd1	Zwint
Med23	Bclaf1	Col13a1	Pcdh15
Akap7	Myb	Hk1	Bcr
Epb41l2	Hbs1l	Supv3l1	Specc1l
Tmem200a	1700020N01Rik	Vps26a	Gucd1
L3mbtl3	Gm26740	Srgn	Cabin1
Arhgap18	Raet1e	Kif1bp	Ddt
Gm49353	Tbpl1	Ddx21	Mif
Echdc1	Eya4	Ddx50	Derl3
Rnf146	Rps12	Ccar1	Smarcb1
Cenpw	Stx7	Slc25a16	Vpreb3
Trmt11	Enpp1	Dna2	Zfp280b
Hint3	Med23	Hnrnph3	Pcnt
Ncoa7	Akap7	Herc4	Mcm3ap
Hddc2	Epb41l2	Sirt1	Pcbp3
Nkain2	Tmem200a	Reep3	Slc19a1
Zup1	L3mbtl3	Jmjd1c	Fam207a
Dse	Ptprk	Nrbf2	Itgb2
Nt5dc1	4930519F09Rik	Arid5b	Ube2g2
Hdac2	Gm49353	Rhobtb1	Tspear

For Peer Review

Marcks	Rnf146	Cdk1	Pfkl
Fyn	Cenpw	Bicc1	Icosl
Traf3ip2	Trmt11	Cisd1	Trappc10
E130307A14Rik	Hint3	Ipmk	Agpat3
Rev3l	Ncoa7	Zwint	Rrp1
Slc16a10	Zup1	Pcdh15	2610008E11Rik
Rpf2	Rwdd1	Bcr	Mier2
Cdk19	Trappc3l	Specc1l	Cdc34
Cdc40	Dse	Gucd1	Ptbp1
Fig4	Tspyl4	Snrpd3	R3hdm4
Mical1	Nt5dc1	Cabin1	Arid3a
Smpd2	Frk	Smarcb1	Tmem259
Cd164	Hdac2	Gm5134	Cnn2
Cep57l1	Marcks	Pcnt	Abca7
Sesn1	Tube1	Ybey	Arhgap45
Foxo3	Fyn	Mcm3ap	Sbno2
Afg1l	Traf3ip2	Lss	Stk11
Snx3	E130307A14Rik	Slc19a1	Midn
Nr2e1	Rev3l	Fam207a	Mum1
Ostm1	Mfsd4b4	Itgb2	Dazap1
Sec63	Slc16a10	Ube2g2	Mbd3
Pdss2	Rpf2	Tspear	Tcf3
Cd24a	Cdk19	Pfkl	Rexo1
1700027J07Rik	Cdc40	Icosl	Mknk2
Qrsl1	Fig4	Pwp2	Mob3a
Rtn4ip1	Zbtb24	Agpat3	Ap3d1
Atg5	Cd164	Rrp1	Dot1l
Prdm1	Cep57l1	2610008E11Rik	Plekhj1
Prep	Sesn1	Ptbp1	Sf3a2
Hace1	Foxo3	Med16	Map2k2
Ascc3	Afg1l	Arid3a	Eef2
Lilrb4a	Snx3	Wdr18	Pip5k1c
Ros1	Nr2e1	Cnn2	Fzr1
Gopc	Ostm1	Arhgap45	Ncln
Nus1	Sec63	Sbno2	Gm10778
Mcm9	Scml4	Stk11	AU041133
Asf1a	Pdss2	Atp5d	Zfp938
Fam184a	Cd24a	Midn	Gm4924
Man1a	1700027J07Rik	Mum1	Hcfc2
Serinc1	Qrsl1	Dazap1	Txnrd1
Pkib	Rtn4ip1	2310011J03Rik	Chst11
Gcc2	Atg5	Tcf3	Aldh1l2
Lims1	Prdm1	Abhd17a	Washc4
Ranbp2	Prep	Scamp4	Ckap4
Sept10	Popdc3	Csnk1g2	Polr3b
P4ha1	Hace1	Mknk2	Ric8b

For Peer Review

Mcu	Gopc	Mob3a	Tmem263
Micu1	Nus1	Ap3d1	Pwp1
Dnajb12	Mcm9	Dot1l	Ascl4
Anapc16	Asf1a	Sf3a2	Rtcb
Ascc1	Fam184a	Lmnb2	Fbxo7
Chst3	Man1a	Map2k2	Hsp90b1
Psap	Gm36595	Eef2	Ttc41
Vsir	Serinc1	Pip5k1c	Nt5dc3
Slc29a3	Pkib	Mfsd12	Stab2
Sgpl1	Gcc2	Fzr1	Igf1
Eif4ebp2	Lims1	Ncln	Parpbp
Lrrc20	Ranbp2	Gna11	Nup37
Ppa1	P4ha1	Gm10778	Washc3
Sar1a	Mcu	AU041133	Gnptab
Tysnd1	Micu1	Zfp938	Arl1
Col13a1	Dnajb12	Tdg	Gas2l3
Hk1	Ddit4	Hcfc2	Slc17a8
Supv3l1	Anapc16	Nfyb	Scyl2
Vps26a	Ascc1	Txnrd1	Uhrf1bp1l
Srgn	Chst3	Slc41a2	Apaf1
Kif1bp	Psap	Aldh1l2	Slc25a3
Ddx21	Vsir	Washc4	Tmpo
Ddx50	Slc29a3	Appl2	Nedd1
Ccar1	Pcbd1	Tcp11l2	Cdk17
Slc25a16	Sgpl1	Polr3b	Elk3
Dna2	Eif4ebp2	Rfx4	Lta4h
Hnrnph3	Ppa1	Ric8b	Metap2
Herc4	Sar1a	Cry1	Vezt
Sirt1	Col13a1	Pwp1	Fgd6
Gm31763	Hk1	Fbxo7	Ndufa12
Reep3	Supv3l1	Hsp90b1	Tmcc3
Jmjd1c	Vps26a	Ttc41	Cep83
Nrbf2	Srgn	Nt5dc3	Plxnc1
Arid5b	Kif1bp	Stab2	Cradd
Rhobtb1	Ddx21	Parpbp	Mrpl42
Cdk1	Ddx50	Nup37	Ube2n
Bicc1	Ccar1	Washc3	Nudt4
Cisd1	Slc25a16	Gnptab	Eea1
Ipmk	Rufy2	Gas2l3	Btg1
Zwint	Herc4	Scyl2	Atp2b1
Pcdh15	Dnajc12	Actr6	Poc1b
Bcr	Ctnna3	Uhrf1bp1l	Kitl
Specc1l	Lrrtm3	Apaf1	Tmtc2
Gucd1	Reep3	Slc25a3	Mettl25
Snrpd3	Jmjd1c	Tmpo	Ptprq
Cabin1	Nrbf2	Nedd1	Ppp1r12a

For Peer Review

Gstt3	Arid5b	Cfap54	Pawr
Mif	Rhobtb1	Cdk17	Syt1
Smarcb1	Cdk1	Elk3	Zdhhc17
Vpreb3	Ccdc6	Lta4h	Osbpl8
Gm5134	Phyhipl	Metap2	Nap1l1
Dip2a	Bicc1	Vezt	Glipr1
Pcnt	Tfam	Fgd6	Kcnc2
Ybey	Ube2d1	Nr2c1	Tbc1d15
Mcm3ap	Ipmk	Ndufa12	Rab21
Lss	Zwint	Tmcc3	Tmem19
Slc19a1	Pcdh15	Cep83	Thap2
Fam207a	Bcr	Plxnc1	Zfc3h1
Itgb2	Specc1l	Cradd	Lgr5
Ube2g2	Gucd1	Ube2n	Cnot2
Tspear	Snrpd3	Nudt4	Rab3ip
Pfkl	Cabin1	Eea1	Best3
Icosl	Ddt	Atp2b1	Cct2
Pwp2	Mif	Poc1b	Frs2
Agpat3	Derl3	Kitl	Cpsf6
Rrp1	Smarcb1	Tmtc2	Cpm
Cstb	Vpreb3	Mettl25	Mdm2
Pdxk	Zfp280b	Ptprq	Nup107
2610008E11Rik	Pcnt	Ppp1r12a	Rap1b
Ptbp1	1700094J05Rik	Zdhhc17	Cand1
Med16	Mcm3ap	Osbpl8	Grip1
R3hdm4	Pcbp3	Nap1l1	Irak3
Arid3a	Slc19a1	Glipr1	Tmbim4
Wdr18	Fam207a	Caps2	Llph
Cnn2	Itgb2	Kcnc2	Lemd3
Arhgap45	Sumo3	Trhde	Tbc1d30
Sbno2	Ube2g2	Tph2	Gns
Stk11	Tspear	Tbc1d15	Rassf3
Atp5d	Pfkl	Rab21	Tbk1
Midn	Icosl	Tmem19	Mon2
Mum1	Pwp2	Thap2	Usp15
Dazap1	Trappc10	Zfc3h1	Fam19a2
2310011J03Rik	Agpat3	Lgr5	Ctdsp2
Tcf3	Rrp1	Cnot2	Tsfm
Abhd17a	Cstb	Rab3ip	Cdk4
Scamp4	Pdxk	Best3	Agap2
Csnk1g2	2610008E11Rik	Cct2	Os9
Mknk2	Mier2	Frs2	B4galnt1
Mob3a	Cdc34	Cpsf6	Dctn2
Ap3d1	Ptbp1	Cpm	Mbd6
Dot1l	R3hdm4	Mdm2	Mars
Sf3a2	Arid3a	Nup107	R3hdm2

For Peer Review

Oaz1	Tmem259	Rap1b	Shmt2
Lmnb2	Cnn2	Mdm1	Stat6
Map2k2	Abca7	Cand1	Nemp1
Zbtb7a	Arhgap45	Grip1	Prim1
Eef2	Sbno2	Helb	Naca
Pip5k1c	Stk11	Irak3	Ptges3
Hmg20b	Midn	Tmbim4	Atp5b
Mfsd12	Cirbp	Lemd3	Baz2a
Fzr1	Mum1	Gns	Rbms2
Gm48551	Dazap1	Rassf3	Stat2
Ncln	Mbd3	Tbk1	Pan2
Gna11	Tcf3	Xpot	Cs
Gm10778	Rexo1	Ppm1h	Ankrd52
AU041133	Klf16	Mon2	Rnf41
Zfp938	Gm49322	Usp15	Myl6
Tdg	Btbd2	Fam19a2	Esyt1
Hcfc2	Mknk2	Slc16a7	Rpl41
Nfyb	Mob3a	Cdk4	Pa2g4
Txnrd1	Ap3d1	Os9	Rps26
Slc41a2	Dot1l	Pip4k2c	Cdk2
D10Wsu102e	Plekhj1	Dctn2	Dgka
Aldh1l2	Sf3a2	Mars	Pym1
Washc4	Oaz1	Inhbe	Dnajc14
Appl2	Lmnb2	R3hdm2	Ormdl2
Ckap4	Map2k2	Shmt2	Sarnp
Tcp11l2	Zbtb7a	Stat6	Bloc1s1
Polr3b	Pias4	Naca	Tespa1
Rfx4	Eef2	Ptges3	Sfi1
Ric8b	Pip5k1c	Atp5b	Eif4enif1
Cry1	Fzr1	Baz2a	Drg1
Pwp1	Ncln	Rbms2	Patz1
Fbxo7	Gna11	Spryd4	Pik3ip1
Hsp90b1	Aes	Timeless	Limk2
Ttc41	Gm10778	Stat2	Morc2a
Nt5dc3	AU041133	Cs	Sf3a1
Stab2	Zfp938	Ankrd52	Tbc1d10a
Parpbp	Gm4924	Rnf41	Mtmr3
Nup37	Hcfc2	Smarcc2	Ascc2
Washc3	Nfyb	Myl6	Zmat5
Gnptab	Txnrd1	Esyt1	Nf2
Ano4	Chst11	Pa2g4	Ap1b1
Gas2l3	D10Wsu102e	Dgka	Ewsr1
Scyl2	Aldh1l2	Pym1	Kremen1
Actr6	Washc4	Ormdl2	Znrf3
Uhrf1bp1l	Ckap4	Sarnp	Xbp1
Apaf1	Polr3b	Tespa1	Ccdc117

For Peer Review

Slc25a3	Ric8b	Sfi1	Dbnl
Tmpo	Tmem263	Eif4enif1	Pold2
Nedd1	Pwp1	Patz1	Ykt6
Cfap54	Ascl4	Limk2	Nudcd3
Cdk17	Rtcb	Rnf185	Ogdh
Elk3	Fbxo7	Morc2a	Zmiz2
Lta4h	Hsp90b1	Pes1	Ppia
4933408J17Rik	Ttc41	Rnf215	Myo1g
Metap2	Nt5dc3	Ccdc157	Ccm2
Vezt	Stab2	Sf3a1	Hus1
Fgd6	Igf1	Tbc1d10a	Zpbp
Nr2c1	Parpbp	Mtmr3	Ikzf1
Ndufa12	Nup37	Ascc2	Fignl1
Tmcc3	Washc3	Uqcr10	Grb10
Cep83os	Gnptab	Nf2	Plek
Cep83	Arl1	Nipsnap1	Ppp3r1
Plxnc1	Utp20	Thoc5	Etaa1
Cradd	Gas2l3	Ap1b1	Actr2
Ube2n	Slc17a8	Ewsr1	Rab1a
Nudt4	Scyl2	Emid1	Aftph
Eea1	Actr6	Kremen1	Peli1
Btg1	Uhrf1bp1l	Znrf3	Vps54
Atp2b1	Apaf1	Xbp1	Ugp2
Poc1b	Ikbip	Mrps24	Mdh1
Kitl	Slc25a3	Urgcp	Wdpcp
Tmtc2	Tmpo	Dbnl	B3gnt2
Mettl25	Gm20757	Ykt6	Commd1
Ptprq	Nedd1	Nudcd3	Cct4
Ppp1r12a	Cdk17	Tmed4	Xpo1
Zdhhc17	Elk3	Ogdh	Pex13
Osbpl8	Lta4h	Zmiz2	Pus10
Nap1l1	4933408J17Rik	Ppia	Rel
Glipr1	Metap2	H2afv	Papolg
Caps2	Vezt	Myo1g	Bcl11a
Kcnc2	Fgd6	Ccm2	5730522E02Rik
Trhde	Nr2c1	Tbrg4	Fancl
Tph2	Ndufa12	Hus1	Vrk2
Tbc1d15	Tmcc3	Zpbp	Pnpt1
Rab21	Cep83os	Ikzf1	Ppp4r3b
Tmem19	Cep83	Fignl1	Mtif2
Thap2	Plxnc1	Cobl	Rtn4
Zfc3h1	Cradd	Plek	Sptbn1
Lgr5	Gm47599	Cnrip1	Acyp2
Cnot2	Mrpl42	Ppp3r1	Psme4
Gm26579	Ube2n	Pno1	Erlec1
Rab3ip	Nudt4	Wdr92	Asb3

For Peer Review

Best3	Eea1	C1d	Cpeb4
Cct2	Btg1	Meis1	Nprl3
Frs2	Atp2b1	Spred2	Ubtd2
Cpsf6	Poc1b	Actr2	Stk10
Cpm	Dusp6	Rab1a	Fbxw11
Mdm2	Gm35035	Cep68	Npm1
Nup107	Kitl	Sertad2	Kcnip1
Rap1b	Tmtc2	Aftph	Dock2
Mdm1	Mettl25	Peli1	Spdl1
Cand1	Ccdc59	Vps54	Slit3
Grip1	4930532I03Rik	Ugp2	Pank3
Helb	Ptprq	Mdh1	Rars
Irak3	Ppp1r12a	Wdpcp	Wwc1
Tmbim4	Pawr	Ehbp1	Mat2b
Lemd3	Syt1	B3gnt2	Hmmr
Gns	Nav3	Commd1	Pwwp2a
Rassf3	E2f7	Xpo1	Ttc1
Tbk1	Zdhhc17	Ahsa2	Adra1b
Xpot	Osbpl8	Pus10	Ublcp1
Ppm1h	Nap1l1	Rel	Rnf145
Mon2	Krr1	Papolg	Ebf1
Usp15	Glipr1	Bcl11a	Clint1
Fam19a2	Kcnc2	5730522E02Rik	Adam19
4930503E24Rik	Tbc1d15	Fancl	Cyfip2
Slc16a7	Rab21	Vrk2	Timd2
Cdk4	Tmem19	Pnpt1	Havcr1
Agap2	Thap2	Ppp4r3b	Sgcd
Os9	Zfc3h1	Cfap36	Rack1
Pip4k2c	Lgr5	Mtif2	Trim41
Dctn2	Cnot2	Rtn4	Trim7
Mars	Rab3ip	Sptbn1	Gm5431
Inhbe	4933412E12Rik	Acyp2	Gm12185
R3hdm2	Best3	Psme4	9930111J21Rik2
Shmt2	Cct2	Erlec1	Olfr56
Stat6	Frs2	Asb3	Olfr1395
Nab2	Yeats4	Cpeb4	Zfp62
Naca	Cpsf6	Nprl3	Mgat1
Ptges3	Cpm	Ubtd2	Cnot6
Atp5b	Mdm2	Stk10	Mapk9
Baz2a	Nup107	Fbxw11	Rnf130
Rbms2	Rap1b	Fgf18	Tbc1d9b
Spryd4	Dyrk2	Npm1	Maml1
Timeless	Gm34045	Ranbp17	Canx
Stat2	Cand1	Kcnip1	Hnrnph1
Cs	Grip1	Dock2	Rufy1
Ankrd52	Helb	Spdl1	Adamts2

For Peer Review

Rnf41	Irak3	Slit3	Clk4
Smarcc2	Tmbim4	Pank3	Phykpl
Myl6	Llph	Rars	Sec24a
Esyt1	Lemd3	Mat2b	Sar1b
Rpl41	Tbc1d30	Hmmr	Jade2
Pa2g4	Gns	Slu7	Ube2b
Gm49782	Rassf3	Pwwp2a	Ppp2ca
Rab5b	Tbk1	Ttc1	Skp1a
Dgka	Mon2	Rnf145	Vdac1
Pym1	Usp15	Ebf1	9530068E07Rik
Dnajc14	Fam19a2	Clint1	Fstl4
Ormdl2	4930503E24Rik	Adam19	Hspa4
Sarnp	Slc16a7	Cyfip2	Aff4
Tespa1	Ctdsp2	Med7	Rad50
Gm31793	Tsfm	Timd2	Il5
Sfi1	Mettl1	Sgcd	Irf1
Eif4enif1	Cdk4	Rack1	Slc22a5
Drg1	Tspan31	Irgm1	Fnip1
Patz1	Agap2	Gm5431	Rapgef6
Gm11944	Os9	Gm12185	Cdc42se2
Limk2	B4galnt1	Olfr56	Hint1
Rnf185	Dtx3	Zfp62	Tnip1
8430429K09Rik	Pip4k2c	Mgat1	Anxa6
Tug1	Dctn2	Cnot6	Ccdc69
Morc2a	Mbd6	Mapk9	Gm2a
Pes1	Mars	Rnf130	G3bp1
Rnf215	Arhgap9	Tbc1d9b	Gria1
Ccdc157	R3hdm2	Maml1	Fam114a2
Sf3a1	Shmt2	Canx	Mfap3
Tbc1d10a	Stat6	Hnrnph1	Galnt10
Mtmr3	Nab2	Rufy1	Zfp672
Ascc2	Nemp1	Adamts2	Sh3bp5l
Uqcr10	Prim1	Zfp354c	Zfp39
Nf2	Naca	Zfp2	Trim11
Nipsnap1	Ptges3	Clk4	Arf1
Thoc5	Atp5b	Phykpl	Zfp867
Ap1b1	Baz2a	Sec24a	Zkscan17
Ewsr1	Rbms2	Sar1b	Mprip
Emid1	Stat2	Jade2	Med9
Kremen1	Pan2	Ube2b	Rai1
Znrf3	Cs	Cdkl3	Srebf1
Xbp1	Ankrd52	Ppp2ca	Atpaf2
Ccdc117	Rnf41	Vdac1	Gid4
Mrps24	Smarcc2	Fstl4	Alkbh5
Urgcp	Myl6	Hspa4	Mief2
Ube2d-ps	Esyt1	Zcchc10	Smcr8

For Peer Review

Dbnl	Rpl41	Aff4	Dhrs7b
Ykt6	Pa2g4	Il4	Tmem11
Camk2b	Rps26	Rad50	Tnfrsf13b
Nudcd3	Suox	Irf1	Usp22
Tmed4	Rab5b	Gm12216	Mapk7
Ogdh	Cdk2	Fnip1	Grap
Zmiz2	Dgka	Rapgef6	Prpsap2
Ppia	Pym1	Cdc42se2	Akap10
H2afv	Gm47093	Tnip1	Specc1
Myo1g	Dnajc14	Anxa6	Ttc19
Snhg15	Ormdl2	Ccdc69	Ncor1
Ccm2	Sarnp	Gm2a	Trpv2
Tbrg4	Bloc1s1	G3bp1	Mmgt2
Hus1	Tespa1	Fam114a2	Tvp23b
Zpbp	Gm31793	Mfap3	Cox10
Gm11998	Sfi1	Galnt10	Hs3st3a1
Ikzf1	Eif4enif1	Sap30l	Map2k4
Fignl1	Drg1	Gemin5	Stx8
Cobl	Patz1	Igtp	Myh10
Eldr	Gm11944	Zfp672	Ndel1
Plek	Pik3ip1	Sh3bp5l	Rpl26
Cnrip1	Limk2	Gm12258	Pfas
Ppp3r1	Tug1	Trim11	Ctc1
Pno1	Morc2a	Arf1	Aurkb
Wdr92	Sf3a1	Jmjd4	Vamp2
C1d	Tbc1d10a	Mprip	Alox12b
Meis1	Mtmr3	Cops3	Trappc1
Spred2	Ascc2	Nt5m	Naa38
Actr2	Zmat5	Rai1	Wrap53
Rab1a	Nf2	Srebf1	Trp53
Cep68	Ap1b1	Tom1l2	Fxr2
Sertad2	Ewsr1	Atpaf2	Mpdu1
Aftph	Kremen1	Gid4	Eif4a1
Peli1	Znrf3	Alkbh5	Senp3
Vps54	Xbp1	Llgl1	Polr2a
Ugp2	Ccdc117	Mief2	Acap1
Mdh1	Ube2d-ps	Top3a	Gps2
Wdpcp	Dbnl	Dhrs7b	Eif5a
Ehbp1	Polm	Tnfrsf13b	Ctdnep1
B3gnt2	Pold2	Usp22	Gabarap
Commd1	Ykt6	Aldh3a2	Slc16a13
Xpo1	Camk2b	Mapk7	Mink1
Usp34	Nudcd3	Epn2	Slc25a11
Ahsa2	Ddx56	Grap	Rnf167
Pus10	Ogdh	Prpsap2	Pfn1
Rel	Zmiz2	Ulk2	Camta2

For Peer Review

Papolg	Ppia	Akap10	Kif1c
Bcl11a	H2afv	Specc1	Zfp3
Gm12065	Myo1g	Ttc19	Rabep1
Gm12066	Snhg15	Ncor1	Nup88
5730522E02Rik	Ccm2	Cenpv	C1qbp
Fancl	Hus1	Trpv2	Dhx33
Vrk2	Abca13	Lrrc75a	Derl2
Gm12082	Zpbp	Mmgt2	4933427D14Rik
Pnpt1	Gm11998	Zfp287	Xaf1
Ppp4r3b	Ikzf1	Tvp23b	Mybbp1a
Cfap36	Fignl1	Cox10	Spns3
Mtif2	Grb10	Hs3st3a1	Ube2g1
Rtn4	4930554G24Rik	Map2k4	Ankfy1
Sptbn1	Eldr	Zkscan6	Atp2a3
Acyp2	Plek	Shisa6	Ncbp3
Psme4	Ppp3r1	Tmem220	Emc6
Erlec1	Pno1	Stx8	Rap1gap2
Asb3	C1d	Pik3r5	Pafah1b1
Cpeb4	Etaa1	Pik3r6	Mettl16
Nprl3	Actr2	Myh10	Tsr1
Ubtd2	Rab1a	Ndel1	Smg6
Stk10	Sertad2	Aurkb	Rpa1
Fbxw11	Aftph	Trp53	Smyd4
Fgf18	Peli1	Fxr2	Prpf8
Npm1	Vps54	Mpdu1	Slc43a2
Ranbp17	Ugp2	Eif4a1	Pitpna
Kcnip1	Mdh1	Senp3	Crk
Dock2	Wdpcp	Polr2a	Ywhae
Spdl1	B3gnt2	Zbtb4	Vps53
Slit3	Commd1	Acap1	Glod4
Pank3	Cct4	Neurl4	Nxn
Rars	Xpo1	Eif5a	Abr
Gm12132	Usp34	Elp5	Trarg1
Mat2b	Pex13	Ctdnep1	Gosr1
Hmmr	Pus10	Mink1	Cpd
Ccng1	Rel	Pfn1	Blmh
Slu7	Papolg	Camta2	Nsrp1
Pwwp2a	Bcl11a	Kif1c	Ssh2
Ttc1	Gm12066	Zfp3	Git1
Rnf145	5730522E02Rik	Rabep1	Trp53i13
Ebf1	Fancl	Nup88	Abhd15
Gm12160	Vrk2	C1qbp	Taok1
Clint1	Gm12082	Dhx33	Nufip2
Thg1l	Pnpt1	Derl2	Myo18a
Adam19	A630052C17Rik	Nlrp1a	Phf12
Cyfip2	Ppp4r3b	Nlrp1b	Fam222b

For Peer Review

Med7	Prorsd1	Pimreg	Traf4
Timd2	Mtif2	4933427D14Rik	Rpl23a
Sgcd	Rtn4	Xaf1	Supt6
Rack1	Sptbn1	Spns2	2610507B11Rik
Trim41	Acyp2	Spns3	Spag5
Irgm1	Psme4	Ube2g1	Pigs
Gm5431	Erlec1	Ankfy1	Tnfaip1
Gm12185	Asb3	Atp2a3	Ift20
Olfr56	Cpeb4	Ncbp3	Tmem97
Zfp62	Nprl3	Ctns	Nlk
Mgat1	Ubtd2	Shpk	Lgals9
Flt4	Stk10	Rap1gap2	Ksr1
Cnot6	Fbxw11	Pafah1b1	Wsb1
Mapk9	Npm1	Mettl16	Nf1
Rnf130	Kcnip1	Tsr1	Evi2
Tbc1d9b	Dock2	Srr	Utp6
Sqstm1	Spdl1	Smg6	Suz12
Gm26542	Slit3	Rpa1	Crlf3
Maml1	Pank3	Smyd4	Atad5
Canx	Rars	Prpf8	Rnf135
Hnrnph1	Wwc1	Slc43a2	Rhot1
Rufy1	Mat2b	Pitpna	Zfp207
Adamts2	Hmmr	Inpp5k	Psmd11
Zfp354c	Pwwp2a	Myo1c	Asic2
Grm6	Ttc1	Crk	Lig3
Zfp2	Adra1b	Ywhae	Rffl
Clk4	Gm12153	Vps53	Nle1
Phykpl	Ublcp1	Glod4	Unc45b
Hnrnpab	Rnf145	Nxn	Slfn8
Sec24a	Ebf1	Timm22	Slfn2
Sar1b	Gm12160	Abr	Ap2b1
Jade2	F630206G17Rik	Gosr1	Gas2l2
Ube2b	Clint1	Cpd	Taf15
Cdkl3	Thg1l	Blmh	Heatr6
Ppp2ca	Adam19	Nsrp1	Hnf1b
Skp1a	Cyfip2	Ssh2	Synrg
Vdac1	Timd2	Taok1	Tada2a
Fstl4	Havcr1	Nufip2	Acaca
Hspa4	Sgcd	Myo18a	Aatf
Zcchc10	Rack1	Phf12	Lhx1
Aff4	Trim41	Fam222b	Dhrs11
Sept8	Trim7	Traf4	Ggnbp2
Kif3a	Gm5431	Nek8	Usp32
Il4	Gm12185	Rpl23a	Appbp2
Rad50	9930111J21Rik2	Proca1	Ppm1d
Irf1	Olfr56	Supt6	Bcas3

For Peer Review

Gm12216	Ifi47	2610507B11Rik	Tbx2
Fnip1	Olfr1395	Spag5	Brip1
Rapgef6	Zfp62	Ift20	Med13
Cdc42se2	Mgat1	Nlk	Rps6kb1
Tnip1	Cnot6	Lgals9	Tubd1
Anxa6	Mapk9	Ksr1	Vmp1
Ccdc69	Rnf130	Wsb1	Ptrh2
Gm2a	Tbc1d9b	Nf1	Cltc
G3bp1	Sqstm1	Evi2	Dhx40
Fam114a2	Maml1	Rab11fip4	Ypel2
Mfap3	Canx	Suz12	Prr11
Galnt10	Hnrnph1	Crlf3	Ska2
Sap30l	Rufy1	Atad5	Trim37
Cnot8	Adamts2	Rnf135	Ppm1e
Gemin5	Grm6	Rhot1	Tex14
Igtp	Clk4	5730455P16Rik	Sept4
Zfp672	Phykpl	Zfp207	Mtmr4
Sh3bp5l	Hnrnpab	Psmd11	Supt4a
Gm12258	Rmnd5b	Lig3	Mrps23
Rnf187	0610009B22Rik	Rffl	Msi2
Trim17	Sec24a	Rad51d	Akap1
2310058D17Rik	Sar1b	Nle1	Coil
Trim11	Jade2	Slfn8	Trim25
Arf1	Cdkn2aipnl	Slfn3	Gm525
Jmjd4	Ube2b	Ap2b1	Utp18
4933439C10Rik	Ppp2ca	Taf15	Mbtd1
Nlrp3	Skp1a	Heatr6	Nme2
Mprip	Vdac1	Hnf1b	Nme1
Cops3	9530068E07Rik	Ddx52	Spag9
Nt5m	Fstl4	Synrg	Luc7l3
Rai1	Hspa4	Dusp14	Ankrd40
Srebf1	Aff4	Tada2a	Cacna1g
Tom1l2	Rad50	Acaca	Acsf2
Atpaf2	Il5	Aatf	Lrrc59
Gid4	Irf1	Mrm1	Eme1
Alkbh5	Slc22a5	Ggnbp2	Itga3
Llgl1	Fnip1	Myo19	Kat7
Mief2	Rapgef6	Usp32	Fam117a
Top3a	Cdc42se2	Appbp2	Slc35b1
Dhrs7b	Hint1	Ppm1d	Spop
Tnfrsf13b	Tnip1	Bcas3	Zfp652
Usp22	Anxa6	Tbx2	Abi3
Aldh3a2	Ccdc69	Brip1	Igf2bp1
Mapk7	Gm2a	Ints2	Ube2z
Epn2	G3bp1	Med13	Skap1
Grap	Gria1	Rps6kb1	Snx11

For Peer Review

Prpsap2	Fam114a2	Tubd1	Cbx1
Ulk2	Mfap3	Vmp1	Nfe2l1
Akap10	Galnt10	Cltc	Sp2
Specc1	Igtp	Dhx40	Kpnb1
Ttc19	Irgm2	Ypel2	Npepps
Ncor1	Zfp672	Ska2	Mllt6
Cenpv	Sh3bp5l	Trim37	Psmb3
Trpv2	Zfp39	Ppm1e	Pip4k2b
2410006H16Rik	Rnf187	Tex14	Rpl23
Lrrc75a	Trim17	Mtmr4	Rpl19
Mmgt2	Trim11	Supt4a	Med1
Zfp287	Arf1	Dynll2	Cdk12
Zfp286os	Zfp867	Cuedc1	Stard3
Tvp23b	Zkscan17	Msi2	Ormdl3
Cox10	Mprip	Akap1	Med24
Hs3st3a1	Nt5m	Scpep1	Thra
Map2k4	Med9	Coil	Casc3
Zkscan6	Rai1	Trim25	Wipf2
Shisa6	Srebf1	Pctp	Cdc6
Tmem220	Atpaf2	Mmd	Rara
Stx8	Gid4	Utp18	Top2a
Pik3r5	Drg2	Mbtd1	Ccr7
Pik3r6	Alkbh5	Nme1	Smarce1
Myh10	Llgl1	Spag9	Krt19
Ndel1	Mief2	Luc7l3	Acly
Pfas	Smcr8	Ankrd40	Dnajc7
Aurkb	Dhrs7b	Acsf2	Rab5c
Vamp2	Tmem11	Lrrc59	Stat5b
Chd3	Map2k3	Xylt2	Stat3
Trp53	Tnfrsf13b	Kat7	Atp6v0a1
Fxr2	Usp22	Fam117a	Retreg3
Mpdu1	Mapk7	Slc35b1	Vps25
Eif4a1	Grap	Spop	Becn1
Senp3	Prpsap2	Phb	Aoc2
Polr2a	Akap10	Zfp652	Aarsd1
Zbtb4	Specc1	Abi3	Rundc1
Tmem256	Ttc19	Gngt2	Rpl27
Acap1	Ncor1	Igf2bp1	Nbr1
Neurl4	Ubb	Ube2z	Dhx8
Eif5a	Trpv2	Skap1	Lsm12
Elp5	2410006H16Rik	Snx11	G6pc3
Ctdnep1	Mmgt2	Cbx1	Slc25a39
Gabarap	Zfp286	Nfe2l1	Grn
Mink1	Tvp23b	Sp2	Gjc1
Pfn1	Cox10	Kpnb1	Eftud2
Camta2	Hs3st3a1	Npepps	Dcakd

For Peer Review

Kif1c	Map2k4	Mrpl45	Nmt1
Zfp3	Stx8	Socs7	Plcd3
Rabep1	Myh10	Psmb3	Fmnl1
Nup88	Ndel1	Pip4k2b	Map3k14
C1qbp	Rpl26	Rpl23	Plekhm1
Dhx33	Slc25a35	Lasp1	Gosr2
Derl2	Pfas	Rpl19	Nsf
Nlrp1a	Ctc1	Fbxl20	Kansl1
Nlrp1b	Aurkb	Med1	Cdc27
Pimreg	Vamp2	Cdk12	Tlk2
4933427D14Rik	Alox12b	Stard3	Cyb561
Xaf1	Cntrob	Nr1d1	Taco1
Spns2	Trappc1	Casc3	Map3k3
Spns3	Chd3	Wipf2	Limd2
Ube2g1	Naa38	Cdc6	Strada
Ankfy1	Wrap53	Rara	Ddx42
Zzef1	Trp53	Top2a	Smarcd2
Atp2a3	Fxr2	Ccr7	Cd79b
Ncbp3	Mpdu1	Smarce1	Icam2
Ctns	Eif4a1	Nt5c3b	Ern1
Shpk	Senp3	Acly	Tex2
Rap1gap2	Polr2a	Dnajc7	Pecam1
Pafah1b1	Zbtb4	Nkiras2	Milr1
Mettl16	Tmem256	Dhx58	Ddx5
Tsr1	Acap1	Rab5c	Cep95
Srr	Gps2	Stat5b	Smurf2
Smg6	Eif5a	Stat3	Kpna2
Rpa1	Ctdnep1	Atp6v0a1	Nol11
Smyd4	Gabarap	Retreg3	Pitpnc1
Mir22hg	Slc16a13	Psme3	Psmd12
Prpf8	0610010K14Rik	Aarsd1	Helz
Slc43a2	Mink1	Rundc1	Prkca
Pitpna	Slc25a11	Brca1	Cep112
Inpp5k	Rnf167	Nbr1	Rgs9
Myo1c	Pfn1	Rdm1	Gna13
Crk	Spag7	Lsm12	Slc16a6
Ywhae	Camta2	Hdac5	Prkar1a
Vps53	Kif1c	BC030867	Map2k6
Glod4	Zfp3	Ubtf	Slc39a11
Nxn	Rabep1	Grn	Hid1
Timm22	Nup88	Gjc1	Jpt1
Abr	C1qbp	Eftud2	Sumo2
Gosr1	Dhx33	Kif18b	Nup85
Cpd	Derl2	Dcakd	Gga3
Blmh	Mis12	Nmt1	Mif4gd
Nsrp1	4933427D14Rik	Fmnl1	Slc25a19

For Peer Review

Ssh2	Xaf1	Map3k14	Grb2
Taok1	Mybbp1a	Arhgap27	Recql5
Nufip2	Spns3	Plekhm1	Sap30bp
Myo18a	Ube2g1	Gosr2	Galk1
Phf12	Ankfy1	Nsf	Unk
Fam222b	Zzef1	Arf2	Acox1
Traf4	Atp2a3	Kansl1	Srp68
Nek8	Ncbp3	Cdc27	Rnf157
Rpl23a	Emc6	Itgb3	Ube2o
Proca1	Ctns	Mettl2	Rhbdf2
Supt6	Rap1gap2	Tlk2	Jmjd6
2610507B11Rik	Pafah1b1	Tanc2	Srsf2
Spag5	Mettl16	Dcaf7	Mfsd11
Poldip2	Mnt	Taco1	Tnrc6c
Ift20	Tsr1	Strada	Tmc6
Nlk	Smg6	Ccdc47	Tmc8
Lyrm9	Rpa1	Ddx42	Syngr2
Lgals9	Smyd4	Psmc5	Tk1
Ksr1	Prpf8	Smarcd2	Gm20708
Wsb1	Slc43a2	Cd79b	Socs3
Nf1	Pitpna	Icam2	Pgs1
Evi2	Inpp5k	Ern1	Cyth1
Rab11fip4	Myo1c	Tex2	Cbx8
Suz12	Crk	Pecam1	Tbc1d16
Crlf3	Ywhae	Milr1	Rptor
Atad5	Vps53	Ddx5	Slc38a10
Rnf135	Glod4	Cep95	Actg1
Rhot1	Nxn	Smurf2	Nploc4
5730455P16Rik	Abr	Kpna2	Slc25a10
Zfp207	Trarg1	Nol11	P4hb
Psmd11	Gosr1	Pitpnc1	Alyref
Ccl2	Cpd	Psmd12	Aspscr1
Lig3	Blmh	Helz	Lrrc45
Rffl	Nsrp1	Cacng1	Fasn
Rad51d	Ssh2	Prkca	Ccdc57
Nle1	Git1	Cep112	Slc16a3
Slfn8	Trp53i13	Gna13	Csnk1d
Slfn10-ps	Abhd15	Slc16a6	Cybc1
Gm20234	Taok1	Arsg	Foxk2
Slfn3	Nufip2	Prkar1a	Wdr45b
AA465934	Myo18a	Abca5	Tbcd
Ap2b1	Phf12	Map2k6	B3gntl1
Taf15	Flot2	Slc39a11	Rab10
Ccl9	Eral1	D11Wsu47e	Dtnb
E230016K23Rik	Fam222b	Cd300lf	Dnmt3a
Ccl3	Traf4	Slc9a3r1	Dnajc27

For Peer Review

Ccl4	Rpl23a	Tmem104	Cenpo
Heatr6	Supt6	Kctd2	Ncoa1
Gm12576	2610507B11Rik	Jpt1	Itsn2
Hnf1b	Spag5	Sumo2	Atad2b
Ddx52	Aldoc	Nup85	Klhl29
Synrg	Pigs	Gga3	Ldah
Dusp14	Poldip2	Slc25a19	Hs1bp3
Tada2a	Tnfaip1	Grb2	Pum2
Acaca	Ift20	Tmem94	Laptm4a
Aatf	Tmem97	Recql5	Ttc32
Mrm1	Nlk	Sap30bp	Smc6
Ggnbp2	Lgals9	Unk	Fam49a
Myo19	Ksr1	Unc13d	Ddx1
Usp32	Wsb1	Mrpl38	Trib2
Appbp2	Nf1	Acox1	Greb1
Appbp2os	Evi2	Srp68	Rock2
Ppm1d	Evi2a	Rnf157	Pqlc3
Bcas3	Utp6	Ube2o	Pdia6
Tbx2	Suz12	Rhbdf2	Nol10
Brip1	Crlf3	Jmjd6	Itgb1bp1
Brip1os	Atad5	Srsf2	Cpsf3
Ints2	Rnf135	Mfsd11	Adam17
Med13	Rhot1	Sec14l1	Ywhaq
Rps6kb1	Zfp207	Sept9	9030624G23Rik
Tubd1	Psmd11	Tnrc6c	Taf1b
Vmp1	Asic2	Tmc6	Grhl1
Cltc	Lig3	Syngr2	Rrm2
Dhx40	Rffl	Gm20708	Kidins220
Ypel2	Nle1	Tk1	Rnf144a
Prr11	Unc45b	Birc5	Trappc12
Ska2	Slfn8	Pgs1	Eipr1
Trim37	Gm20234	Cyth1	Myt1l
Ppm1e	Slfn2	Cant1	Acp1
Tex14	AI662270	Cbx2	Dld
Mtmr4	AA465934	Cbx8	Cog5
Supt4a	Ap2b1	Cbx4	Hbp1
Mir142hg	Gas2l2	Tbc1d16	Pik3cg
Dynll2	Taf15	Eif4a3	Nampt
Srsf1	Heatr6	Endov	Sypl
Cuedc1	Hnf1b	Rptor	Atxn7l1
Msi2	Synrg	Baiap2	Twist1
Akap1	Tada2a	Slc38a10	Hdac9
Scpep1	Acaca	Bahcc1	Snx13
Coil	Aatf	Actg1	Tspan13
Trim25	Lhx1	Nploc4	Bzw2
Pctp	Dhrs11	Hgs	Ifrd1

For Peer Review

Mmd	Ggnbp2	P4hb	Zfp277
Cox11	Usp32	Pcyt2	Pnpla8
Utp18	Appbp2	Aspscr1	G2e3
Mbtd1	Ppm1d	Gps1	Scfd1
Nme1	Bcas3	Dus1l	Strn3
Spag9	Tbx2	Csnk1d	Nubpl
Luc7l3	Brip1	Narf	Npas3
Ankrd40	Brip1os	Foxk2	Sptssa
Cacna1g	Ints2	Wdr45b	Eapp
Acsf2	Med13	Tbcd	Snx6
Lrrc59	Rps6kb1	B3gntl1	Baz1a
Xylt2	Tubd1	Rab10	2700097O09Rik
Ppp1r9b	Vmp1	Kif3c	Srp54c
Kat7	Ptrh2	Dtnb	1110008L16Rik
Fam117a	Cltc	Dnmt3a	Psma6
Slc35b1	Dhx40	Cenpo	Ralgapa1
Spop	Ypel2	Ncoa1	Brms1l
Phb	Prr11	Itsn2	Mbip
Zfp652	Ska2	Ubxn2a	Slc25a21
Abi3	Trim37	Atad2b	Prps1l3
Gngt2	Ppm1e	Ldah	Mipol1
Igf2bp1	Tex14	Pum2	Sec23a
Ube2z	Sept4	Laptm4a	Trappc6b
Skap1	Mtmr4	Ttc32	Mia2
Snx11	Supt4a	Gen1	Fbxo33
Cbx1	Mir142hg	Smc6	Lrfn5
Nfe2l1	Dynll2	Fam49a	Klhl28
Gm11523	2010015M23Rik	Ddx1	Togaram1
D030028A08Rik	Srsf1	Trib2	Prpf39
Sp2	Mrps23	Greb1	Fkbp3
Kpnb1	Msi2	E2f6	Fancm
Npepps	Gm15893	Rock2	Mis18bp1
Mrpl45	Akap1	Pdia6	Pole2
Socs7	Coil	Nol10	Arf6
Gm11613	Trim25	Odc1	Atp5s
Psmb3	Gm525	Itgb1bp1	Map4k5
Pip4k2b	Utp18	Cpsf3	Sav1
Rpl23	Mbtd1	Iah1	Nin
Lasp1	Nme2	Adam17	Frmd6
Arl5c	Nme1	Ywhaq	Actr10
Rpl19	Spag9	Taf1b	Psma3
Stac2	Luc7l3	Kidins220	Arid4a
Fbxl20	Ankrd40	Rnf144a	Timm9
Med1	Cacna1g	Trappc12	2700049A03Rik
Cdk12	Acsf2	Eipr1	Jkamp
Stard3	Lrrc59	Pxdn	Rtn1

For Peer Review

Ikzf3	Eme1	Tmem18	Pcnx4
Psmd3	Ppp1r9b	Dld	Ppm1a
Nr1d1	Itga3	Bcap29	Mnat1
Msl1	Kat7	Dus4l	Slc38a6
Casc3	Fam117a	Cog5	Hif1a
Wipf2	Slc35b1	Prkar2b	Kcnh5
Cdc6	Spop	Pik3cg	Ppp2r5e
Rara	Zfp652	Nampt	Sgpp1
Top2a	Abi3	Sypl	Mthfd1
Ccr7	Gngt2	Atxn7l1	Zbtb25
Smarce1	Igf2bp1	Twistnb	Zbtb1
Eif1	Ube2z	Hdac9	Churc1
Nt5c3b	Skap1	Snx13	Fntb
Acly	Snx11	Tspan13	Max
Dnajc7	Cbx1	Bzw2	Fut8
Nkiras2	Nfe2l1	Ispd	Gphn
Dhx58	Pnpo	Dgkb	Atp6v1d
Rab5c	D030028A08Rik	Ifrd1	Eif2s1
Stat5b	Sp2	Zfp277	Tmem229b
Stat3	Kpnb1	Dock4	Vti1b
Atp6v0a1	Npepps	Immp2l	Zfyve26
Mlx	Socs7	Pnpla8	Rad51b
Retreg3	Mllt6	Stxbp6	Zfp36l1
Psme3	Psmb3	Prkd1	Actn1
Aarsd1	Pip4k2b	G2e3	Dcaf5
Rundc1	Cwc25	Scfd1	Exd2
Brca1	Rpl23	Strn3	Slc39a9
Nbr1	Lasp1	Ap4s1	Susd6
Rdm1	Rpl19	Nubpl	Srsf5
Lsm12	Stac2	Npas3	Cox16
Hdac5	Fbxl20	Eapp	Gm20498
BC030867	Med1	Snx6	Synj2bp
Atxn7l3	Cdk12	Baz1a	Pcnx
Ubtf	Stard3	Srp54c	Sipa1l1
Grn	Mien1	Ppp2r3c	Rgs6
Gpatch8	Ikzf3	1110008L16Rik	Dpf3
Gjc1	Ormdl3	Psma6	Dcaf4
Eftud2	Psmd3	Nfkbia	Zfyve1
Kif18b	Med24	Ralgapa1	Rbm25
Dcakd	Thra	Brms1l	Psen1
Nmt1	Msl1	Mbip	Numb
Fmnl1	Casc3	Prps1l3	Dnal1
Map3k14	Wipf2	Mipol1	Elmsan1
Arhgap27	Cdc6	Sec23a	Ptgr2
Arhgap27os3	Rara	Trappc6b	Zfp410
Plekhm1	Top2a	Mia2	Entpd5

For Peer Review

Gosr2	Ccr7	Fbxo33	Lin52
Nsf	Smarce1	Lrfn5	Arel1
Arf2	Krt19	Klhl28	Dlst
Kansl1	Eif1	Prpf39	Eif2b2
Cdc27	Acly	Fancm	Nek9
Itgb3	Cnp	Mis18bp1	Tmed10
Mettl2	Dnajc7	Mdga2	Batf
Tlk2	Nkiras2	Klhdc1	Erg28
Tanc2	Rab5c	Atp5s	Ttll5
Dcaf7	Stat5b	Map4k5	Gpatch2l
Taco1	Stat5a	Sav1	Angel1
Map3k3	Stat3	Nin	Cipc
Strada	Atp6v0a1	Tmx1	Gstz1
Ccdc47	Mlx	Actr10	Tmed8
Ddx42	Retreg3	Psma3	Vipas39
Psmc5	Tubg1	Arid4a	Ahsa1
Smarcd2	Vps25	2700049A03Rik	Sptlc2
Cd79b	Becn1	Jkamp	Alkbh1
Icam2	Psme3	Rtn1	Nrxn3
Ern1	Aoc2	Pcnx4	Cep128
Tex2	Aarsd1	Dhrs7	Gtf2a1
Pecam1	Rundc1	Ppm1a	Ston2
Milr1	Rpl27	Mnat1	Sel1l
Ddx5	Nbr1	Slc38a6	Gpr65
Cep95	Dhx8	Hif1a	Kcnk10
Smurf2	Lsm12	Snapc1	Zc3h14
Kpna2	G6pc3	Ppp2r5e	Foxn3
Nol11	Atxn7l3	Wdr89	Efcab11
Pitpnc1	Ubtf	Mthfd1	Tdp1
Psmd12	Slc25a39	Zbtb25	Calm1
Helz	Grn	Zbtb1	Ttc7b
Cacng1	Gpatch8	Plekhg3	Rps6ka5
Prkca	Ccdc43	Churc1	Ccdc88c
Gm11657	Gjc1	Fntb	Ppp4r3a
Cep112	Eftud2	Max	Fbln5
Gna13	Kif18b	Fut8	Trip11
Slc16a6	Dcakd	Gphn	Atxn3
Arsg	Nmt1	Mpp5	Cpsf2
Prkar1a	Plcd3	Eif2s1	Slc24a4
Abca5	Fmnl1	Tmem229b	Rin3
Map2k6	Map3k14	Pigh	Golga5
2610035D17Rik	Arhgap27os3	Vti1b	Itpk1
Slc39a11	Plekhm1	Rdh11	Tmem251
Cog1	Gosr2	Rdh12	Btbd7
D11Wsu47e	Nsf	Zfyve26	Ddx24
Cd300lf	Kansl1	Rad51b	Dicer1

For Peer Review

Slc9a3r1	Cdc27	Actn1	Syne3
Tmem104	Tlk2	Dcaf5	Atg2b
Kctd2	Cyb561	Exd2	Papola
Jpt1	Dcaf7	Erh	Vrk1
Sumo2	Taco1	Slc39a9	Setd3
Nup85	Map3k3	Susd6	Evl
Gga3	Limd2	Srsf5	Yy1
Slc25a19	Strada	Cox16	Wars
Grb2	Ccdc47	Med6	Wdr25
Tmem94	Ddx42	Map3k9	Begain
Recql5	Smarcd2	Pcnx	Ppp2r5c
Sap30bp	Cd79b	Sipa1l1	Dync1h1
H3f3b	Icam2	Dpf3	Hsp90aa1
Unk	Ern1	Rbm25	Wdr20
Unc13d	Tex2	Psen1	Tecpr2
Trim47	Pecam1	Numb	Rcor1
Mrpl38	Milr1	Elmsan1	Traf3
Acox1	Ddx5	Zfp410	Eif5
Srp68	Cep95	Entpd5	Mark3
Rnf157	Smurf2	Lin52	Apopt1
Ube2o	Kpna2	Npc2	Klc1
Rhbdf2	Nol11	Isca2	Xrcc3
1810032O08Rik	Pitpnc1	Arel1	Ppp1r13b
Jmjd6	Psmd12	Dlst	Akt1
Srsf2	Helz	Nek9	Pld4
Mfsd11	Prkca	Tmed10	Jag2
Sec14l1	Gm11657	Batf	Pacs2
Sept9	Cep112	Erg28	Mta1
Tnrc6c	Rgs9	Ttll5	Tedc1
Tmc6	Gna13	Gpatch2l	Zfp386
Syngr2	Slc16a6	Cipc	Esyt2
Gm20708	Prkar1a	Pomt2	Ncapg2
Tk1	Map2k6	Tmed8	Ptprn2
Birc5	2610035D17Rik	Sptlc2	Rapgef5
Pgs1	Slc39a11	Alkbh1	Cdca7l
Cyth1	Rpl38	Slirp	Sp4
Usp36	Slc9a3r1	Snw1	Gdi2
Cant1	Tmem104	Adck1	Fam208b
Cbx2	Hid1	Cep128	Net1
Cbx8	Jpt1	Gtf2a1	Pitrm1
Cbx4	Sumo2	Sel1l	Pfkp
Gm11755	Nup85	Galc	Wdr37
Tbc1d16	Gga3	Gpr65	Gtpbp4
Eif4a3	Mif4gd	Zc3h14	Larp4b
Endov	Slc25a19	Foxn3	Dip2c
Rptor	Grb2	Efcab11	Zmynd11

For Peer Review

Gm11767	Tmem94	Tdp1	Mtr
Baiap2	Tsen54	Psmc1	Heatr1
Slc38a10	Recql5	Calm1	Edaradd
Bahcc1	Sap30bp	Ttc7b	Ero1lb
Actg1	Galk1	Rps6ka5	Lyst
Nploc4	H3f3b	Ccdc88c	B3galnt2
Hgs	Unk	Ppp4r3a	Tbce
P4hb	Wbp2	Fbln5	Ggps1
Arhgdia	Trim47	Trip11	Arid4b
Alyref	Acox1	Atxn3	Psma2
Pcyt2	Srp68	Cpsf2	Cdk13
Mafg	Rnf157	Slc24a4	Rala
Aspscr1	Ubald2	Rin3	Vps41
Gps1	Prpsap1	Golga5	Amph
Dus1l	Ube2o	Itpk1	Stard3nl
Csnk1d	Rhbdf2	Btbd7	Elmo1
Narf	1810032O08Rik	Ddx24	Trim27
Foxk2	Jmjd6	Ifi27	Zkscan3
Wdr45b	Srsf2	Ifi27l2a	Hist1h2be
Tbcd	Mfsd11	Dicer1	Hist1h2bc
B3gntl1	Sec14l1	Syne3	Slc17a3
Rab10os	Sept9	Glrx5	Carmil1
Rab10	Tnrc6c	Atg2b	Cmah
Kif3c	Tmc6	Papola	Ripor2
1110002L01Rik	Tmc8	Vrk1	Gmnn
Asxl2	Syngr2	Setd3	Cdkal1
Dtnb	Tk1	Ccnk	E2f3
Dnmt3a	Gm20708	Evl	Dusp22
Cenpo	Birc5	Yy1	Irf4
Ptrhd1	Socs3	Wars	Exoc2
Ncoa1	Pgs1	Wdr25	Foxf2
Itsn2	Cyth1	Ppp2r5c	Gmds
Sf3b6	Usp36	Hsp90aa1	Serpinb1a
Ubxn2a	Cant1	Wdr20	Serpinb6a
Atad2b	Cbx8	Zfp839	Pxdc1
Gm32828	Cbx4	Tecpr2	Prpf4b
Ldah	Tbc1d16	Rcor1	Cdyl
Pum2	Eif4a3	Traf3	Lyrm4
Laptm4a	Rptor	Cdc42bpb	Fars2
Ttc32	Slc38a10	Eif5	Ly86
Gen1	Actg1	Mark3	Rreb1
Smc6	Nploc4	Klc1	Ssr1
Fam49a	Slc25a10	Ppp1r13b	Riok1
Ddx1	Mcrip1	Inf2	Snrnp48
Nbas	P4hb	Akt1	Txndc5
Trib2	Arhgdia	Cep170b	Eef1e1

For Peer Review

Gm5432	Alyref	Pld4	Slc35b3
Greb1	Sirt7	Gpr132	Ofcc1
E2f6	Mafg	Jag2	Pak1ip1
Rock2	Pycr1	Pacs2	Nedd9
Pdia6	Aspscr1	Mta1	Tmem170b
Nol10	Cenpx	Tedc1	Hivep1
Odc1	Lrrc45	Zfp386	Nol7
Gm48693	Fasn	Esyt2	Ranbp9
3110053B16Rik	Ccdc57	Ncapg2	Cd83
Asap2	Slc16a3	Rapgef5	Jarid2
Gm20535	Csnk1d	Cdca7l	Dtnbp1
Itgb1bp1	Cybc1	Gdi2	Mylip
Cpsf3	Narf	Fam208b	Atxn1
Iah1	Foxk2	Asb13	Nup153
Adam17	Wdr45b	Net1	Dek
Ywhaq	Fn3krp	Pitrm1	Phf2
Taf1b	Tbcd	Pfkp	Fam120a
Kidins220	B3gntl1	Wdr37	Wnk2
Rnf144a	Rab10	Idi1	Ninj1
Trappc12	1110002L01Rik	Gtpbp4	Card19
Eipr1	Asxl2	Larp4b	Susd3
Pxdn	Dtnb	Dip2c	Fgd3
Tmem18	Dnmt3a	Zmynd11	Bicd2
Dld	Dnajc27	Ryr2	Ippk
Bcap29	Cenpo	Mtr	Cenpp
Dus4l	Ncoa1	Heatr1	Iars
Cog5	Itsn2	Lgals8	Spin1
Prkar2b	Sf3b6	Edaradd	Secisbp2
Pik3cg	Atad2b	Ero1lb	Sema4d
Nampt	Klhl29	Lyst	Syk
Sypl	Ldah	B3galnt2	Auh
F730043M19Rik	Hs1bp3	Tbce	Nfil3
Atxn7l1	Pum2	Ggps1	Sptlc1
Atxn7l1os2	Laptm4a	Arid4b	Sfxn1
Twistnb	Ttc32	Psma2	Simc1
Hdac9	Smc6	Cdk13	Faf2
Snx13	Fam49a	Rala	Rnf44
Tspan13	Ddx1	Pou6f2	Unc5a
Bzw2	Nbas	Vps41	Uimc1
Ispd	Trib2	Stard3nl	Zfp346
Dgkb	Greb1	Elmo1	Prelid1
Ifrd1	E2f6	Trim27	Lman2
Zfp277	Rock2	Zkscan3	Grk6
Dock4	Pqlc3	Zscan26	Pdlim7
Immp2l	Pdia6	Zkscan8	Fam193b
Pnpla8	Nol10	Zfp322a	B4galt7

For Peer Review

Stxbp6	Odc1	Hist1h2be	B230219D22Rik
Prkd1	3110053B16Rik	Slc17a3	Pcbd2
G2e3	Itgb1bp1	Carmil1	H2afy
Scfd1	Cpsf3	Cmah	Slc25a48
Strn3	Adam17	Ripor2	Smad5
Ap4s1	Ywhaq	Gmnn	Trpc7
Heatr5a	9030624G23Rik	BC005537	Spock1
Nubpl	Taf1b	Cdkal1	Ubqln1
Gm47431	Grhl1	E2f3	Hnrnpk
Arhgap5	Klf11	Dusp22	Rmi1
Npas3	Rrm2	Irf4	Agtpbp1
1700104L18Rik	Kidins220	Exoc2	Naa35
Sptssa	Id2	Gmds	Isca1
Eapp	Rnf144a	Wrnip1	Tut7
Snx6	Rsad2	Serpinb9	Dapk1
Baz1a	Rps7	Serpinb6a	4930486L24Rik
Srp54c	Adi1	Ripk1	Zfp808
Ppp2r3c	Trappc12	Psmg4	Gm3604
1110008L16Rik	Eipr1	Cdyl	Gm49359
Psma6	Myt1l	Lyrm4	6720489N17Rik
Nfkbia	Acp1	Fars2	Platr25
Ralgapa1	Dld	Ly86	2010111I01Rik
Brms1l	Dus4l	Rreb1	Fancc
Mbip	Cog5	Ssr1	Ptch1
Prps1l3	Hbp1	Cage1	Ercc6l2
Mipol1	Pik3cg	Riok1	Zfp367
Sec23a	Nampt	Snrnp48	Mfsd14b
Trappc6b	Sypl	Txndc5	Zfp369
Pnn	Atxn7l1	Eef1e1	Ptdss1
Mia2	Atxn7l1os1	Slc35b3	Zfp458
Fbxo33	Twist1	Tmem14c	Zfp595
Lrfn5	Hdac9	Nedd9	Zfp953
Klhl28	Snx13	Tmem170b	Gm26965
Prpf39	Tspan13	Hivep1	Zfp748
Fancm	Bzw2	Gfod1	Zfp729b
Mis18bp1	Ankmy2	Nol7	Zfp729a
Mdga2	Ifrd1	Ranbp9	Zfp738
Klhdc1	Zfp277	Cd83	Adcy2
Nemf	Immp2l	Jarid2	Tent4a
Arf6	Dnajb9	Dtnbp1	Nsun2
5830428M24Rik	Pnpla8	Mylip	Med10
Atp5s	G2e3	Atxn1	Ice1
Map4k5	Scfd1	Cap2	Mrpl36
Sav1	Strn3	Nup153	Lpcat1
Nin	Hectd1	Kif13a	Clptm1l
Tmx1	Heatr5a	Dek	Slc12a7

For Peer Review

Actr10	Nubpl	Zfp169	Trip13
Psma3	Gm47431	Phf2	Exoc3
3110056K07Rik	Npas3	Fam120a	Pdcd6
Arid4a	Egln3	Card19	Sdha
2700049A03Rik	Sptssa	Susd3	Ccdc127
Jkamp	Eapp	Fgd3	Zfp825
Rtn1	Snx6	Bicd2	Erap1
Pcnx4	Cfl2	Ippk	Cast
Dhrs7	Baz1a	Cenpp	Ell2
Ppm1a	2700097O09Rik	Iars	Arsk
Gm26709	Srp54c	Fbxw17	Mctp1
Mnat1	1110008L16Rik	Spin1	Slf1
Slc38a6	Psma6	Cks2	2210408I21Rik
D830013O20Rik	Nfkbia	Secisbp2	Fam172a
Hif1a	Ralgapa1	Sema4d	Adgrv1
Snapc1	Brms1l	Syk	Lysmd3
Ppp2r5e	Mbip	Auh	Mblac2
Wdr89	Slc25a21	Nfil3	Cetn3
Mthfd1	Prps1l3	Ror2	Mef2c
Zbtb25	Mipol1	Sptlc1	Tmem161b
Zbtb1	Sec23a	Hrh2	Ccnh
Plekhg3	Trappc6b	Thoc3	Rasa1
Churc1	Pnn	Simc1	Cox7c
Fntb	Mia2	4833439L19Rik	Edil3
Max	Fbxo33	Faf2	Xrcc4
Fut8	Lrfn5	Unc5a	Tmem167
Gphn	Klhl28	Uimc1	Atg10
Mpp5	Togaram1	Zfp346	Ssbp2
Eif2s1	Prpf39	Mxd3	Msh3
Tmem229b	Fkbp3	Lman2	Dhfr
Pigh	Fancm	Rgs14	Zfyve16
Vti1b	Mis18bp1	Grk6	Serinc5
Rdh11	Rpl36al	Pdlim7	Tent2
Rdh12	9330151L19Rik	Fam193b	Homer1
Zfyve26	Pole2	B4galt7	Jmy
Rad51b	Nemf	Txndc15	Arsb
9430078K24Rik	Arf6	Pcbd2	Ap3b1
Zfp36l1	5830428M24Rik	H2afy	Wdr41
2310015A10Rik	Atp5s	Smad5	Zbed3
Actn1	Cdkl1	Spock1	F2rl1
Dcaf5	Map4k5	Idnk	F2r
Exd2	Sav1	Ubqln1	Poc5
Erh	Nin	Hnrnpk	Polk
Slc39a9	Tmx1	Rmi1	Col4a3bp
Susd6	Frmd6	Agtpbp1	Hmgcr
Srsf5	Actr10	Naa35	Nsa2

For Peer Review

Cox16	Psma3	Golm1	Gfm2
Synj2bp	3110056K07Rik	Isca1	Hexb
Med6	Arid4a	Tut7	Utp15
Map3k9	Timm9	Dapk1	Btf3
Pcnx	2700049A03Rik	Zfp808	Tmem171
Sipa1l1	Gm40438	Gm3604	Fcho2
Dpf3	Jkamp	Gm49359	Tnpo1
Rbm25	Rtn1	6720489N17Rik	Ptcd2
Psen1	Pcnx4	Platr25	Mrps27
Numb	Ppm1a	2010111I01Rik	Mccc2
Elmsan1	Mnat1	Fancc	Bdp1
Zfp410	Slc38a6	Ptch1	Smn1
Entpd5	Hif1a	Ercc6l2	Naip6
Lin52	Gm15283	Slc35d2	Gtf2h2
Vsx2	Snapc1	Zfp367	Rad17
Npc2	Kcnh5	Habp4	Ccdc125
Isca2	Ppp2r5e	Mfsd14b	Cdk7
Arel1	Wdr89	Zfp369	Cenph
Ylpm1	Sgpp1	Mterf3	Ccnb1
Dlst	Mthfd1	Ptdss1	Slc30a5
Eif2b2	Zbtb25	Zfp712	Pik3r1
Nek9	Zbtb1	Zfp708	Cd180
Tmed10	Hspa2	Zfp455	Mast4
Batf	Gm10451	Zfp595	Srek1
Erg28	Churc1	Zfp953	Erbin
Ttll5	Fntb	Zfp429	Nln
Gpatch2l	Max	Zfp58	Trappc13
Cipc	Fut8	Zfp729a	Trim23
Pomt2	Gphn	Zfp738	Ppwd1
Tmed8	Atp6v1d	Mtrr	Cenpk
Sptlc2	Eif2s1	Adcy2	Cwc27
Alkbh1	Tmem229b	Tent4a	Ipo11
Slirp	Vti1b	Nsun2	Kif2a
Snw1	Zfyve26	Med10	Smim15
Adck1	Rad51b	Ice1	Ndufaf2
4930544I03Rik	9430078K24Rik	Lpcat1	Depdc1b
Gm26512	Zfp36l1	Clptm1l	Pde4d
Cep128	2310015A10Rik	Trip13	Rab3c
Gtf2a1	Actn1	Brd9	Gpbp1
Sel1l	Dcaf5	Exoc3	Mier3
Galc	Exd2	Pdcd6	Map3k1
Gpr65	Slc39a9	Sdha	Il31ra
Zc3h14	Susd6	Ccdc127	Slc38a9
Eml5	Srsf5	Zfp825	Plpp1
Foxn3	Cox16	Erap1	Mtrex
Gm19951	Gm20498	Cast	Arl15

For Peer Review

Efcab11	Synj2bp	Ell2	Ndufs4
Tdp1	Med6	Rfesd	Mrps30
Psmc1	Pcnx	Mctp1	Nnt
Nrde2	Sipa1l1	Slf1	Paip1
Calm1	Rgs6	2210408I21Rik	4833420G17Rik
Ttc7b	Dpf3	Fam172a	Hmgcs1
Rps6ka5	Dcaf4	Lysmd3	Zfp131
Ccdc88c	Zfyve1	Polr3g	Abhd6
Ppp4r3a	Rbm25	Mblac2	Pxk
D130020L05Rik	Psen1	Cetn3	Pdhb
Fbln5	Numb	Mef2c	Fhit
Trip11	Dnal1	Tmem161b	Cadps
Atxn3	Elmsan1	Rasa1	Thoc7
Ndufb1-ps	Ptgr2	Edil3	Atxn7
Cpsf2	Zfp410	Vcan	Psmd6
Slc24a4	Entpd5	Xrcc4	Slc4a7
Rin3	Lin52	Atg10	Ngly1
Lgmn	Vsx2	Ssbp2	Top2b
Golga5	Npc2	Zcchc9	Thrb
Itpk1	Isca2	Msh3	Ube2e1
Btbd7	Arel1	Dhfr	Gng2
Otub2	Fcf1	Serinc5	Saysd1
Ddx24	Ylpm1	Tent2	Fam149b
Ifi27	Dlst	Homer1	Mrps16
Ifi27l2a	Eif2b2	Jmy	Anxa7
Dicer1	Nek9	Arsb	Mss51
Syne3	Tmed10	Ap3b1	Ppp3cb
Glrx5	Batf	Tbca	Sec24c
Gm2721	Erg28	Zbed3	Fut11
Atg2b	Ttll5	Aggf1	Zswim8
Papola	Gpatch2l	F2rl1	Vcl
Vrk1	Angel1	Poc5	Adk
Setd3	Cipc	Polk	Kat6b
Ccnk	Pomt2	Col4a3bp	Samd8
Evl	Gstz1	Hmgcr	Vdac2
Yy1	Tmed8	Hexb	Lrmda
Wars	Vipas39	Utp15	Polr3a
Wdr25	Ahsa1	Ankra2	Rps24
Mirg	Sptlc2	Btf3	Zmiz1
Ppp2r5c	Alkbh1	Fcho2	Anxa11
Hsp90aa1	Nrxn3	Tnpo1	Slmap
Wdr20	Gm26512	Ptcd2	Dennd6a
Zfp839	Cep128	Mrps27	Arf4
Tecpr2	Gtf2a1	Mccc2	Appl1
Rcor1	Ston2	Bdp1	Arhgef3
Traf3	Sel1l	Naip2	Erc2

For Peer Review

Cdc42bpb	Gpr65	Naip6	Cacna1d
Eif5	Kcnk10	Gtf2h2	Tkt
Mark3	Zc3h14	Marveld2	Prkcd
Klc1	Foxn3	Cdk7	Rft1
Ppp1r13b	Gm19951	Cenph	Tmem110
Inf2	Efcab11	Ccnb1	Glt8d1
Akt1	Tdp1	Slc30a5	Gnl3
Cep170b	Calm1	Pik3r1	Pbrm1
Pld4	Ttc7b	Cd180	Nt5dc2
Cdca4	Rps6ka5	Mast4	Nisch
Gpr132	Ccdc88c	Srek1	Phf7
Jag2	Ppp4r3a	Erbin	Capn7
Brf1	Fbln5	Nln	Sh3bp5
Pacs2	Trip11	Trappc13	Mettl6
Mta1	Atxn3	Trim23	Eaf1
Tedc1	Ndufb1-ps	Ppwd1	Ankrd28
Zfp386	Cpsf2	Cenpk	Galnt15
Esyt2	Slc24a4	Cwc27	Timm23
Ncapg2	Rin3	Srek1ip1	Parg
Rapgef5	Lgmn	Ipo11	Wdfy4
Cdca7l	Golga5	Dimt1	Mapk8
Gdi2	Itpk1	Kif2a	Shld2
Fam208b	Tmem251	Ndufaf2	Glud1
Asb13	Ubr7	Ercc8	Bmpr1a
Net1	Btbd7	Depdc1b	Ldb3
Pitrm1	Ddx24	Pde4d	Wapl
Pfkp	Serpina3g	Gpbp1	Ccser2
Gm9742	Dicer1	Mier3	Ghitm
Wdr37	Syne3	Map3k1	Tspan14
Idi1	Glrx5	Il6st	Txndc16
Gtpbp4	Atg2b	Il31ra	Ero1l
Larp4b	Papola	Slc38a9	Psmc6
Dip2c	Vrk1	Plpp1	Ddhd1
Zmynd11	Setd3	Mtrex	Cnih1
Ryr2	Ccnk	Arl15	Gmfb
Mtr	Evl	Ndufs4	Wdhd1
Heatr1	Gm33682	Emb	Socs4
Lgals8	Yy1	Nnt	Mapk1ip1l
Edaradd	Wars	Paip1	Dlgap5
Ero1lb	Wdr25	4833420G17Rik	Fbxo34
Gpr137b-ps	Begain	Hmgcs1	Ktn1
Lyst	Ppp2r5c	Nim1k	Exoc5
B3galnt2	Dync1h1	Zfp131	Ap5m1
Tbce	Hsp90aa1	Abhd6	Naa30
Ggps1	Wdr20	Pxk	Ttc5
Arid4b	Cinp	Fhit	Parp2

For Peer Review

Psma2	Tecpr2	3830406C13Rik	Apex1
Cdk13	Rcor1	Cadps	Pip4p1
Rala	Traf3	Thoc7	Hnrnpc
Pou6f2	Eif5	Atxn7	Rpgrip1
Vps41	Mark3	Psmd6	Supt16
Stard3nl	Apopt1	Slc4a7	Chd8
Elmo1	Klc1	Ngly1	Dad1
Trim27	Xrcc3	Top2b	Oxa1l
Zkscan3	Ppp1r13b	Ube2e1	Lrp10
Zscan26	Inf2	Gng2	Prmt5
Zkscan8	Akt1	Kcnk5	Acin1
Gm11292	Cep170b	Ecd	Slc7a8
4930557F10Rik	Pld4	Fam149b	Ngdn
Zfp322a	Cdca4	Anxa7	Zfhx2
C230035I16Rik	Gpr132	Mss51	Pck2
Gm11335	Jag2	Ppp3cb	Dcaf11
Hist1h2be	Pacs2	Sec24c	Tm9sf1
Slc17a3	Mta1	Chchd1	Nedd8
Carmil1	Crip1	Zswim8	Nop9
Cmah	Tedc1	Camk2g	Khnyn
Ripor2	Zfp386	Vcl	Cenpj
Gmnn	Esyt2	Ap3m1	Mphosph8
BC005537	Ncapg2	Adk	Pspc1
2610307P16Rik	Ptprn2	Kat6b	Zmym5
Cdkal1	Rapgef5	Samd8	Zmym2
E2f3	Cdca7l	Vdac2	Cryl1
Dusp22	Sp4	Lrmda	Xpo4
Irf4	Gdi2	Polr3a	Lats2
Exoc2	Fam208b	Rps24	Ska3
Gmds	Net1	Zmiz1	Zdhhc20
Wrnip1	Gm5444	Anxa11	Micu2
Serpinb9	Klf6	Slmap	Rcbtb1
Serpinb6a	Pitrm1	Dennd6a	Phf11b
Ripk1	Pfkp	Arf4	Setdb2
Psmg4	Wdr37	Appl1	Cab39l
Prpf4b	Gtpbp4	Arhgef3	Cdadc1
Cdyl	Larp4b	Erc2	Atp8a2
Lyrm4	Dip2c	Cacna2d3	Gm49336
Fars2	Zmynd11	Cacna1d	Mtmr6
Ly86	Mtr	Dcp1a	Sacs
Rreb1	Heatr1	Tkt	Kpna3
Ssr1	Edaradd	Prkcd	Rnaseh2b
Cage1	Ero1lb	Rft1	Serpine3
Riok1	Nid1	Tmem110	Ints6
Snrnp48	Lyst	Glt8d1	Wdfy2
Txndc5	B3galnt2	Gnl3	Fdft1

For Peer Review

Eef1e1	Tbce	Pbrm1	Blk
Slc35b3	Ggps1	Nisch	Pinx1
A730081D07Rik	Arid4b	Capn7	Msra
Tmem14c	Psma2	Sh3bp5	Hmbox1
Nedd9	B230303A05Rik	Mettl6	Ints9
Tmem170b	Cdk13	Eaf1	Zfp395
Hivep1	Rala	Btd	Elp3
Gfod1	Yae1d1	Ankrd28	Pbk
Nol7	Vps41	Oxnad1	Esco2
Ranbp9	Amph	Ncoa4	Ccdc25
Cd83	Gm31887	Timm23	Ptk2b
Jarid2	Stard3nl	Parg	Trim35
Dtnbp1	Elmo1	Wdfy4	Dpysl2
Mylip	Gm32036	Mapk8	Ppp2r2a
Atxn1	Trim27	Shld2	Cdca2
Cap2	Zkscan3	Glud1	Kctd9
Fam8a1	Zscan26	Bmpr1a	Slc25a37
Nup153	Zkscan8	Wapl	Chmp7
Kif13a	Gm11292	Ccser2	Rhobtb2
Dek	4930557F10Rik	Ghitm	Pebp4
Zfp169	Gm11335	Tspan14	Egr3
Phf2	Hist1h2be	Txndc16	Ccar2
Phf2os1	Hist1h2bc	Ero1l	Pdlim2
Fam120a	Slc17a3	Psmc6	Ppp3cc
Card19	Carmil1	Styx	Xpo7
Susd3	Cmah	Ddhd1	Fndc3a
Fgd3	Ripor2	Cdkn3	Rcbtb2
Bicd2	Gmnn	Gmfb	Rb1
Ippk	BC005537	Cgrrf1	Itm2b
Cenpp	Cdkal1	Gch1	Sucla2
Iars	E2f3	Wdhd1	Lrch1
Fbxw17	Dusp22	Dlgap5	Rubcnl
Spin1	Irf4	Fbxo34	Lcp1
Cks2	Exoc2	Ktn1	Cog3
Secisbp2	Foxf2	Tmem260	Slc25a30
Sema4d	Gmds	Exoc5	Tpt1
Syk	Serpinb1a	Ap5m1	Gtf2f2
Auh	Serpinb6a	Naa30	Nufip1
Nfil3	Ripk1	Ttc5	Tsc22d1
Ror2	Pxdc1	Parp2	Enox1
Sptlc1	Prpf4b	Tep1	Epsti1
Hrh2	Cdyl	Osgep	Naa16
Thoc3	Lyrm4	Apex1	Elf1
Simc1	Fars2	Pip4p1	Sugt1
4833439L19Rik	Ly86	Hnrnpc	Pcdh8
Faf2	Rreb1	Rpgrip1	Olfm4

For Peer Review

Unc5a	Ssr1	Supt16	Diaph3
Uimc1	Riok1	Chd8	Tdrd3
Zfp346	Snrnp48	Dad1	Pcdh9
Mxd3	Txndc5	Abhd4	Mzt1
Lman2	Eef1e1	Slc7a7	Bora
Rgs14	Slc35b3	Lrp10	Uchl3
Grk6	Ofcc1	Prmt5	Cln5
Pdlim7	Pak1ip1	4931414P19Rik	Fbxl3
Fam193b	Nedd9	Acin1	Mycbp2
B4galt7	Tmem170b	Slc7a8	Slain1
B230219D22Rik	Hivep1	Ngdn	Rnf219
Txndc15	Nol7	Pck2	Rbm26
Pcbd2	Ranbp9	Psme1	Ndfip2
H2afy	Mcur1	Tm9sf1	Gpc5
Smad5	Cd83	Tssk4	Gpc6
Spock1	Jarid2	Gmpr2	Tgds
Idnk	Dtnbp1	Nop9	Abcc4
Ubqln1	Mylip	Khnyn	Dnajc3
Hnrnpk	Atxn1	Cenpj	Hs6st3
Rmi1	Nup153	Pspc1	Mbnl2
Agtpbp1	Dek	Zmym5	Ipo5
Naa35	Zfp169	Zmym2	Stk24
Golm1	Phf2	Cryl1	Dock9
Isca1	Fam120a	Xpo4	Ubac2
Tut7	Fam120aos	Lats2	Gpr18
Dapk1	Wnk2	Ska3	Gpr183
Gm7240	Ninj1	Zdhhc20	Tm9sf2
Zfp808	Card19	Micu2	Clybl
Gm3604	Susd3	Rcbtb1	Pcca
Gm49359	Fgd3	Phf11a	Ggact
6720489N17Rik	Bicd2	Phf11b	Itgbl1
Platr25	Ippk	Phf11c	Fgf14
2010111I01Rik	Cenpp	Setdb2	Selenop
Gm16907	Iars	Cab39l	Fbxo4
Fancc	Spin1	Cdadc1	AW549877
Ptch1	Secisbp2	Atp8a2	Oxct1
Ercc6l2	Sema4d	Gm49336	Rpl37
Slc35d2	Syk	Mtmr6	Prkaa1
Zfp367	Auh	Spata13	Ttc33
Habp4	Nfil3	Mipep	Ptger4
Mfsd14b	Sptlc1	Sacs	Rictor
Zfp369	Sfxn1	Kpna3	Wdr70
Mterf3	Cplx2	Rnaseh2b	Nup155
Ptdss1	Simc1	Ints6	Nipbl
Zfp712	4833439L19Rik	Wdfy2	Lmbrd2
Zfp708	Nop16	Fdft1	Brix1

For Peer Review

Zfp455	Higd2a	Blk	Rad1
Zfp595	Cltb	Pinx1	Sub1
Zfp953	Faf2	Msra	Zfr
Zfp429	Rnf44	Hmbox1	Mtmr12
Zfp58	Unc5a	Zfp395	Golph3
Zfp729a	Uimc1	Elp3	Drosha
Zfp738	Zfp346	Pbk	Myo10
Mtrr	Prelid1	Esco2	Zfp622
Adcy2	Lman2	Ccdc25	Ank
Tent4a	Grk6	Ptk2b	Otulin
Nsun2	Dbn1	Dpysl2	Ctnnd2
Med10	Pdlim7	Ppp2r2a	Ankrd33b
Ice1	Fam193b	Cdca2	March6
Gm47902	Tmed9	Kctd9	Cct5
Lpcat1	B4galt7	Slc25a37	Sema5a
Clptm1l	B230219D22Rik	Gm16867	Sdc2
Trip13	Pcbd2	Rhobtb2	Cpq
Brd9	H2afy	Bin3	Mtdh
Exoc3	Slc25a48	Ppp3cc	Rpl30
Pdcd6	Smad5	Reep4	Pop1
Sdha	Trpc7	Xpo7	Nipal2
Ccdc127	Spock1	Fndc3a	Stk3
Zfp825	Ubqln1	Rcbtb2	Cox6c
Gm46430	Hnrnpk	Rb1	Spag1
Erap1	Rmi1	Itm2b	Pabpc1
Cast	Agtpbp1	Sucla2	Ywhaz
Ell2	Naa35	Esd	Rrm2b
Rfesd	Isca1	Lrch1	Azin1
Mctp1	Tut7	Rubcnl	Dcaf13
Slf1	Dapk1	Lcp1	Rims2
2210408I21Rik	4930486L24Rik	Cog3	Lrp12
Fam172a	Gm7240	Slc25a30	Oxr1
Lysmd3	Gm3325	Tpt1	Rspo2
Polr3g	Zfp808	Gtf2f2	Eif3e
Mblac2	Gm3604	Gpalpp1	Emc2
Cetn3	Gm49359	Nufip1	Nudcd1
Mef2c	6720489N17Rik	Dnajc15	Csmd3
Gm26803	Platr25	Epsti1	Trps1
Tmem161b	2010111I01Rik	Naa16	Eif3h
Rasa1	Fancc	Wbp4	Rad21
Edil3	Ptch1	Elf1	Med30
Vcan	Ercc6l2	Sugt1	Ext1
Xrcc4	Zfp367	Pcdh8	Taf2
Atg10	Cntnap3	Diaph3	Col14a1
Ssbp2	Mfsd14b	Tdrd3	Mtbp
Zcchc9	Zfp369	Pcdh9	Slc22a22

For Peer Review

Msh3	Uqcrb	Klhl1	Zhx2
Dhfr	Ptdss1	Mzt1	Derl1
C030017D09Rik	Zfp458	Bora	Tbc1d31
Zfyve16	Zfp595	Commd6	9130401M01Rik
Serinc5	Zfp953	Uchl3	Zhx1
Tent2	Zfp58	Lmo7	Fbxo32
Homer1	Gm26965	Cln5	Fam91a1
Jmy	Zfp748	Fbxl3	Rnf139
Arsb	Zfp729b	Mycbp2	Tatdn1
Ap3b1	Zfp729a	Slain1	Ndufb9
Tbca	Zfp738	Pou4f1	Mtss1
Zbed3	Adcy2	Rbm26	Sqle
Aggf1	Tent4a	Ndfip2	Nsmce2
F2rl1	Nsun2	Gpc5	Fam84b
Poc5	Med10	Gpc6	Myc
Polk	1700084F23Rik	Tgds	Fam49b
Col4a3bp	Ice1	Gpr180	Asap1
Hmgcr	Mrpl36	Abcc4	Efr3a
Gfm2	Lpcat1	Dnajc3	Sla
Hexb	Clptm1l	Mbnl2	St3gal1
Utp15	Slc12a7	Rap2a	Zfat
Ankra2	Trip13	Ipo5	Trappc9
Btf3	Exoc3	Stk24	Ago2
Gm9828	Pdcd6	Dock9	Dennd3
Fcho2	Sdha	Ubac2	Ptp4a3
Tnpo1	Ccdc127	Gpr18	Ly6d
Ptcd2	Zfp825	Gpr183	Ly6e
Mrps27	Erap1	Tm9sf2	Ly6a
Mccc2	Cast	Clybl	Zc3h3
Bdp1	Ell2	Pcca	Eef1d
Naip2	Glrx	Ggact	Fam83h
Naip6	Arsk	Fgf14	Puf60
Gtf2h2	Mctp1	Fbxo4	Plec
Marveld2	Slf1	AW549877	Parp10
Cdk7	2210408I21Rik	Oxct1	Gpaa1
Cenph	Fam172a	Rpl37	Cyc1
Ccnb1	9330111N05Rik	Prkaa1	Sharpin
Slc30a5	Adgrv1	Ttc33	Mroh1
Pik3r1	Lysmd3	Ptger4	Bop1
Cd180	Mblac2	Rictor	Hsf1
Mast4	Cetn3	Wdr70	Slc52a2
1700099I09Rik	Mef2c	Nup155	Vps28
Srek1	Tmem161b	Nipbl	Cyhr1
Erbin	Ccnh	Skp2	Lrrc14
Nln	Rasa1	Lmbrd2	Rpl8
Trappc13	Cox7c	Spef2	1110038F14Rik

For Peer Review

Trim23	Edil3	Prlr	Mb
Ppwd1	Gm4117	Sub1	Myh9
Cenpk	Xrcc4	Zfr	Txn2
Cwc27	Tmem167	Mtmr12	Eif3d
Srek1ip1	Rps23	Golph3	Ncf4
Ipo11	Atg10	Pdzd2	Csf2rb
Dimt1	Ssbp2	6030458C11Rik	Rac2
Kif2a	Msh3	Drosha	Cyth4
Ndufaf2	Dhfr	Cdh12	Mfng
Ercc8	Zfyve16	Myo10	Sh3bp1
Depdc1b	Serinc5	Retreg1	Triobp
Pde4d	Tent2	Zfp622	Eif3l
Gpbp1	Homer1	Otulin	Polr2f
Mier3	Jmy	Ctnnd2	Tmem184b
Map3k1	Arsb	Ankrd33b	Ddx17
Il6st	Ap3b1	March6	Gtpbp1
Il31ra	Wdr41	Cct5	Sun2
Slc38a9	Zbed3	Sema5a	Dnal4
Plpp1	F2rl1	Sdc2	Apobec3
Mtrex	F2r	Cpq	Cbx7
Arl15	Poc5	Mtdh	Rpl3
Ndufs4	Polk	Rpl30	Tab1
Emb	Col4a3bp	Pop1	Atf4
Nnt	Hmgcr	Stk3	Cacna1i
Paip1	Nsa2	Cox6c	Grap2
4833420G17Rik	Gfm2	Rnf19a	Adsl
Hmgcs1	Hexb	Ankrd46	Sgsm3
Nim1k	Utp15	Pabpc1	Mrtfa
Zfp131	Btf3	Ywhaz	Slc25a17
Abhd6	Tmem171	Rrm2b	St13
Pxk	Fcho2	Azin1	Xpnpep3
Fhit	Tnpo1	Slc25a32	Rbx1
3830406C13Rik	Ptcd2	Dcaf13	Ep300
Cadps	Mrps27	Oxr1	Rangap1
Thoc7	Mccc2	Eif3e	Aco2
Atxn7	Bdp1	Emc2	Pmm1
Psmd6	Smn1	Nudcd1	Desi1
Slc4a7	Naip6	Eny2	Snu13
Ngly1	Gtf2h2	Ebag9	Mei1
Top2b	Rad17	Csmd3	Ccdc134
Rpl15	Ccdc125	Trps1	Srebf2
Ube2e1	Cdk7	Eif3h	Tnfrsf13c
Gng2	Cenph	Utp23	Pheta2
Kcnk5	Ccnb1	Rad21	Smdt1
Ecd	Slc30a5	Med30	Tcf20
Fam149b	Gm29502	Ext1	Serhl

For Peer Review

Dnajc9	Pik3r1	Taf2	Arfgap3
Anxa7	Cd180	Dscc1	Pacsin2
Mss51	Mast4	Col14a1	Pnpla5
Ppp3cb	1700099I09Rik	Mrpl13	Samm50
Usp54	Srek1	Mtbp	Parvg
Sec24c	Erbin	Slc22a22	5031439G07Rik
Chchd1	Nln	Zhx2	Smc1b
Zswim8	Trappc13	Derl1	Atxn10
Camk2g	Trim23	Tbc1d31	Gtse1
Vcl	Ppwd1	9130401M01Rik	Trmu
Ap3m1	Cenpk	Gm29394	Gramd4
Adk	Cwc27	Zhx1	Cerk
Kat6b	Ipo11	Wdyhv1	Tbc1d22a
Samd8	Kif2a	Fam91a1	Zbed4
Vdac2	Smim15	Tmem65	Trabd
Lrmda	Ndufaf2	Rnf139	Sbf1
Polr3a	Depdc1b	Tatdn1	Ncaph2
Rps24	Pde4d	Mtss1	Shank3
Gm26660	Rab3c	Sqle	Alg10b
Zmiz1	Gapt	Washc5	Lrrk2
Anxa11	Gpbp1	Nsmce2	Pdzrn4
Slmap	Mier3	Fam49b	Gxylt1
Dennd6a	Gm15287	Asap1	Yaf2
Arf4	Map3k1	Efr3a	Zcrb1
Appl1	Il31ra	Tmem71	Pphln1
Arhgef3	Slc38a9	Sla	Irak4
Erc2	Plpp1	Ndrg1	Nell2
Cacna2d3	Mtrex	Zfat	Ano6
Cacna1d	Snx18	Trappc9	Arid2
Dcp1a	Arl15	Ago2	Slc38a1
Tkt	Ndufs4	Ptk2	Slc38a2
Prkcd	Mrps30	Dennd3	Pced1b
Rft1	Nnt	Ptp4a3	Slc48a1
Tmem110	Paip1	Ly6d	Hdac7
Glt8d1	4833420G17Rik	Ly6e	Senp1
Gnl3	Hmgcs1	Ly6a	Kansl2
Pbrm1	Zfp131	Zc3h3	Ccnt1
Nisch	Abhd6	Tsta3	Arf3
Capn7	Pxk	Fam83h	Prkag1
Sh3bp5	Pdhb	Scrib	Lmbr1l
Mettl6	Fhit	Plec	Tuba1b
Eaf1	Cadps	Mroh1	Tuba1c
Btd	Thoc7	Bop1	Spats2
Ankrd28	Atxn7	Hsf1	Mcrs1
Oxnad1	Psmd6	Fbxl6	Fmnl3
Ncoa4	Slc4a7	Adck5	Tmbim6

For Peer Review

Timm23	Oxsm	Cyhr1	Racgap1
Parg	Ngly1	Kifc2	Cers5
Wdfy4	Top2b	Ppp1r16a	Lima1
Mapk8	Thrb	Arhgap39	Larp4
Shld2	Ube2e1	Zfp7	Dip2b
Glud1	Gng2	Rpl8	Atf1
Bmpr1a	Saysd1	Myh9	Letmd1
Wapl	Fam149b	Eif3d	Tfcp2
Ccser2	Dnajc9	Cacng2	Dazap2
Ghitm	Mrps16	Ncf4	Slc4a8
Tspan14	Anxa7	Csf2rb	Scn8a
Txndc16	Mss51	Rac2	Acvr1b
Ero1l	Ppp3cb	Cyth4	Krt76
Psmc6	1810062O18Rik	Mfng	Eif4b
Styx	Sec24c	Gga1	Mfsd5
Ddhd1	Fut11	Triobp	Espl1
Cdkn3	Zswim8	Eif3l	Myg1
Gmfb	Vcl	Micall1	Aaas
Cgrrf1	Ap3m1	Pla2g6	Sp7
Gch1	Adk	Tmem184b	Sp1
Wdhd1	Kat6b	Ddx17	Pcbp2
Socs4	Samd8	Gtpbp1	Atf7
Dlgap5	Vdac2	Sun2	Cbx5
Fbxo34	Lrmda	Npcd	Hnrnpa1
Ktn1	Polr3a	Apobec3	Copz1
Tmem260	Rps24	Rpl3	Itga5
Exoc5	Zmiz1	Tab1	Gtsf2
Ap5m1	Ppif	Mief1	Nckap1l
Naa30	Anxa11	Cacna1i	Pde1b
Ttc5	4933413J09Rik	Grap2	Glycam1
Parp2	Slmap	Adsl	Zfp263
Tep1	Dennd6a	Mrtfa	Naa60
Osgep	Arf4	Slc25a17	Cluap1
Apex1	Appl1	St13	Trap1
Pip4p1	Arhgef3	Xpnpep3	Crebbp
Hnrnpc	Erc2	Ep300	Tfap4
Rpgrip1	Selenok	L3mbtl2	Coro7
Supt16	Cacna1d	Rangap1	Hmox2
Chd8	Dcp1a	Tob2	Cdip1
Tox4	Tkt	Aco2	Mgrn1
Dad1	Prkcd	Polr3h	Anks3
Abhd4	Rft1	Pmm1	Glyr1
Slc7a7	Tmem110	Desi1	Ubn1
Lrp10	Spcs1	Xrcc6	Rbfox1
Prmt5	Glt8d1	Ccdc134	Mettl22
4931414P19Rik	Gnl3	Srebf2	Pmm2

For Peer Review

Acin1	Pbrm1	Shisa8	Usp7
Slc7a8	Nt5dc2	Cenpm	1810013L24Rik
Pabpn1	Nisch	Pheta2	Nubp1
Ngdn	Phf7	Ndufa6	Ciita
Pck2	Bap1	Tcf20	Clec16a
Psme1	Capn7	Nfam1	Rmi2
Tm9sf1	Sh3bp5	Serhl	Litaf
Tssk4	Mettl6	Poldip3	Snn
Gmpr2	Eaf1	Arfgap3	Txndc11
Nop9	Ankrd28	Pacsin2	Zc3h7a
Khnyn	Galnt15	Samm50	Gspt1
Cenpj	Oxnad1	Parvb	Snx29
Parp4	Timm23	Parvg	Ercc4
Pspc1	Parg	Prr5	Mrtfb
Zmym5	Wdfy4	5031439G07Rik	Parn
Zmym2	Mapk8	Fam118a	Bfar
Cryl1	Shld2	Atxn10	Rrn3
Xpo4	Glud1	Celsr1	Ntan1
Lats2	Bmpr1a	Gramd4	Pdxdc1
Ska3	Ldb3	Cerk	Nde1
Zdhhc20	Wapl	Tbc1d22a	Fopnl
Micu2	Ccser2	Zbed4	Abcc1
Rcbtb1	Ghitm	Creld2	Ube2v2
Phf11a	Gm20642	Trabd	Mcm4
Phf11b	Tspan14	Mapk11	Prkdc
Phf11c	Txndc16	Sbf1	Spidr
Setdb2	Ero1l	Ncaph2	Dnm1l
Cab39l	Psmc6	Alg10b	Top3b
Cdadc1	Gnpnat1	Lrrk2	Ppm1f
Atp8a2	Ddhd1	Gxylt1	Mapk1
Gm49336	Cnih1	Yaf2	Ppil2
Mtmr6	Gmfb	Zcrb1	2610318N02Rik
Spata13	Wdhd1	Pphln1	Ube2l3
Mipep	Socs4	Irak4	Pi4ka
Sacs	Mapk1ip1l	Ano6	Snap29
Kpna3	Dlgap5	Arid2	Crkl
Dleu2	Fbxo34	Slc38a1	Lztr1
Gm27017	Ktn1	Slc38a2	Thap7
Rnaseh2b	Exoc5	Pced1b	Smpd4
Ints6	Ap5m1	Rpap3	Med15
Wdfy2	Naa30	Slc48a1	Dgcr2
Fdft1	Ttc5	Hdac7	Ranbp1
Blk	Parp2	Senp1	Dgcr8
Pinx1	Osgep	Kansl2	Tango2
Msra	Apex1	Ccnt1	Comt
Hmbox1	Pip4p1	Arf3	Gnb1l

For Peer Review

Zfp395	Pnp	Rhebl1	Cdc45
Elp3	Hnrnpc	Lmbr1l	Ufd1
Pbk	Rpgrip1	Prpf40b	Hira
Esco2	Supt16	Fmnl3	Iglc2
Ccdc25	Chd8	Tmbim6	B3gnt5
Ptk2b	Rab2b	Racgap1	Klhl6
Trim35	Tox4	Cers5	Klhl24
Dpysl2	Dad1	Dip2b	Yeats2
Bnip3l	Oxa1l	Atf1	Parl
Ppp2r2a	Lrp10	Slc11a2	Abcc5
4930438E09Rik	Prmt5	Letmd1	Dvl3
Cdca2	Acin1	Slc4a8	Abcf3
Kctd9	Slc7a8	Scn8a	Alg3
Slc25a37	Bcl2l2	Acvr1b	Psmd2
Gm16867	Pabpn1	Nr4a1	Eif4g1
4930480K23Rik	Ngdn	Eif4b	Vps8
Rhobtb2	Zfhx2	Csad	Map3k13
Bin3	Pck2	Espl1	Senp2
Ppp3cc	Dcaf11	Aaas	Tra2b
Reep4	Psme1	Sp1	Tbccd1
Xpo7	Irf9	Pcbp2	Dnajb11
Fndc3a	Tm9sf1	Tarbp2	Fetub
Rcbtb2	Nedd8	Atf7	Eif4a2
Rb1	Nop9	Atp5g2	St6gal1
Itm2b	Khnyn	Cbx5	Bcl6
Sucla2	Sdr39u1	Copz1	Lpp
Esd	Cenpj	Nckap1l	Il1rap
Lrch1	Mphosph8	Pde1b	Ostn
Rubcnl	Gm16973	Zfp263	Ccdc50
Lcp1	Pspc1	Naa60	Opa1
Cog3	Zmym5	Cluap1	Xxylt1
Slc25a30	Zmym2	Nlrc3	Acap2
Tpt1	Cryl1	Trap1	Ppp1r2
Gtf2f2	Eef1akmt1	Crebbp	Dlg1
Gpalpp1	Xpo4	Adcy9	Senp5
Nufip1	Lats2	Tfap4	Pak2
4930444M15Rik	Sap18	Pam16	Nrros
Dnajc15	Ska3	Coro7	Fbxo45
Epsti1	Zdhhc20	Dnaja3	Wdr53
Naa16	Micu2	Hmox2	Ubxn7
Wbp4	Rcbtb1	Cdip1	Tfrc
Elf1	Phf11b	Mgrn1	Tnk2
Sugt1	Phf11c	Anks3	Rubcn
Pcdh8	Setdb2	Rogdi	Fyttd1
Gm6999	Cab39l	Glyr1	Lrch3
Diaph3	Cdadc1	Ubn1	Rpl35a

For Peer Review

Tdrd3	Atp8a2	Carhsp1	Lmln
Pcdh9	Gm49336	Usp7	Snx4
Klhl1	Mtmr6	1810013L24Rik	Zfp148
Mzt1	Spata13	Ciita	Heg1
Bora	Sacs	Dexi	Hacd2
4930517O19Rik	Kpna3	Clec16a	Sec22a
Commd6	Dleu2	Rmi2	Parp14
Uchl3	Gm27010	Litaf	Parp9
Lmo7	Rnaseh2b	Txndc11	Kpna1
Kctd12	Serpine3	Zc3h7a	Fam162a
Acod1	Ints6	Rsl1d1	Ccdc58
Cln5	Wdfy2	Gspt1	Cd86
Fbxl3	Ctsb	Snx29	Eaf2
Mycbp2	Fdft1	Cpped1	Iqcb1
Slain1	Blk	Shisa9	Golgb1
Pou4f1	Fam167a	Ercc4	Hcls1
Rbm26	Mtmr9	Mrtfb	Polq
Ndfip2	Pinx1	Parn	Stxbp5l
Mir17hg	Msra	Bfar	Gtf2e1
Gpc5	Hmbox1	Rrn3	Fstl1
Gpc6	Ints9	Pdxdc1	Gpr156
Tgds	Zfp395	Mpv17l	Gsk3b
Gpr180	Elp3	Nde1	Gm21987
Abcc4	Pbk	Fopnl	Pla1a
Dnajc3	Esco2	Abcc1	Tmem39a
Mbnl2	Ccdc25	Ube2v2	Lsamp
Rap2a	Ptk2b	Mcm4	Zbtb20
Ipo5	Trim35	Prkdc	Tigit
Stk24	Dpysl2	Spidr	Qtrt2
Dock9	Bnip3l	Dnm1l	Atp6v1a
Ubac2	Ppp2r2a	Top3b	Naa50
Gpr18	4930438E09Rik	Ppm1f	Atg3
Gpr183	Cdca2	Mapk1	Btla
Tm9sf2	Kctd9	Ppil2	Abhd10
Clybl	Slc25a37	2610318N02Rik	Phldb2
Pcca	Chmp7	Ube2l3	Morc1
Ggact	Rhobtb2	Pi4ka	Dzip3
Fgf14	Pebp4	Snap29	Cip2a
Fbxo4	Egr3	Crkl	Cd47
AW549877	Bin3	Smpd4	Bbx
Oxct1	Ccar2	Med15	Cblb
Rpl37	Pdlim2	Dgcr2	Alcam
Prkaa1	Ppp3cc	Ess2	Nfkbiz
Ttc33	Reep4	Ranbp1	Nxpe3
Ptger4	Xpo7	Trmt2a	Pcnp
Rictor	Fndc3a	Dgcr8	Senp7

For Peer Review

Wdr70	Rcbtb2	Tango2	Tfg
Nup155	Rb1	Comt	Adgrg7
Cplane1	Itm2b	Gnb1l	Tomm70a
Nipbl	Nudt15	Cdc45	Tbc1d23
Nadk2	Sucla2	Ufd1	Cmss1
Skp2	Lrch1	Hira	Filip1l
Lmbrd2	Rubcnl	Iglc2	Col8a1
Spef2	Lcp1	Klhl6	St3gal6
Prlr	Cog3	Klhl24	Cldnd1
Dnajc21	Slc25a30	Yeats2	Crybg3
Sub1	Tpt1	Parl	Epha6
Zfr	Gtf2f2	Abcc5	Nsun3
Mtmr12	Nufip1	Eif2b5	Pros1
Golph3	Tsc22d1	Dvl3	4930453N24Rik
Pdzd2	Lacc1	Ap2m1	Cggbp1
6030458C11Rik	Enox1	Abcf3	Chmp2b
Drosha	Epsti1	Alg3	Cadm2
Cdh12	Naa16	Eef1akmt4	Gbe1
Myo10	Elf1	Eif4g1	Robo2
Retreg1	Sugt1	Vps8	Samsn1
Zfp622	Pcdh8	Senp2	Nrip1
Otulin	Olfm4	Tra2b	Usp25
Ctnnd2	Diaph3	Etv5	D16Ertd472e
Ankrd33b	Tdrd3	Dgkg	Atp5j
March6	Pcdh9	Tbccd1	Gabpa
Cct5	Mzt1	Dnajb11	Ltn1
Sema5a	Bora	Eif4a2	Usp16
Sdc2	Uchl3	Rfc4	Cct8
Cpq	Kctd12	St6gal1	Tiam1
Mtdh	Cln5	Bcl6	Scaf4
Rpl30	Fbxl3	Lpp	Mis18a
Pop1	Mycbp2	Il1rap	Cfap298
Kcns2	Slain1	Ccdc50	Paxbp1
Stk3	Rnf219	Atp13a4	Ifnar2
Cox6c	Rbm26	Opa1	Il10rb
Rnf19a	Ndfip2	Tmem44	Ifnar1
Ankrd46	Mir17hg	Lsg1	Ifngr2
Pabpc1	Gpc5	Xxylt1	Tmem50b
Ywhaz	Gpc6	Acap2	Son
Rrm2b	Tgds	Ppp1r2	Itsn1
Azin1	Abcc4	Dlg1	Mrps6
2310043O21Rik	Dnajc3	Ncbp2	Rcan1
Slc25a32	Hs6st3	Senp5	Runx1
Dcaf13	Mbnl2	Pak2	Setd4
Oxr1	Ipo5	Pigx	Morc3
Eif3e	Stk24	Nrros	Cldn14

For Peer Review

Emc2	Dock9	Fbxo45	Sim2
Nudcd1	Ubac2	Wdr53	Hlcs
Eny2	Gpr18	Ubxn7	Ttc3
Ebag9	Gpr183	Pcyt1a	Vps26c
Csmd3	Tm9sf2	Tfrc	Dyrk1a
Trps1	Clybl	Tnk2	Kcnj15
Eif3h	Pcca	Smbd1	Brwd1
Utp23	Ggact	Rubcn	Hmgn1
Rad21	Itgbl1	Fyttd1	Mx1
Med30	Fgf14	Lrch3	Mx2
Ext1	Selenop	Snx4	Scaf8
Taf2	Fbxo4	Zfp148	Tmem242
Dscc1	AW549877	Heg1	Zdhhc14
Gm9920	Oxct1	Itgb5	Snx9
Col14a1	Rpl37	Hacd2	Tulp4
Mrpl13	Prkaa1	Sec22a	Ezr
Mtbp	Ttc33	Dirc2	Tagap1
Slc22a22	Ptger4	Hspbap1	Rps6ka2
Zhx2	Rictor	Parp14	Rnaset2a
Derl1	Wdr70	Dtx3l	Fgfr1op
Tbc1d31	Nup155	Parp9	Ccr6
9130401M01Rik	Nipbl	Kpna1	Mpc1
Gm29394	Nadk2	Fam162a	Qk
Zhx1	Lmbrd2	Ccdc58	Pacrg
Wdyhv1	Dnajc21	Cd86	Prkn
Fam91a1	Brix1	Eaf2	Agpat4
Tmem65	Rad1	Iqcb1	Map3k4
Rnf139	Amacr	Golgb1	Slc22a2
Tatdn1	Sub1	Hcls1	Igf2r
Mtss1	Zfr	Polq	Tcp1
Sqle	Mtmr12	Gtf2e1	Wtap
Washc5	Golph3	Gpr156	Unc93a
Nsmce2	6030458C11Rik	Gsk3b	Phf10
Myc	Drosha	Nr1i2	Psmb1
Pvt1	Basp1	Gm21987	Tbp
Fam49b	Myo10	Cd80	Pdcd2
Asap1	Retreg1	Poglut1	Prdm9
Efr3a	Zfp622	Tmem39a	Chd1
Tmem71	Ank	Arhgap31	Rgmb
Sla	Otulin	Lsamp	Riok2
Ndrg1	Otulinl	Zbtb20	Lnpep
Zfat	Ctnnd2	Qtrt2	Ppp2r1a
Trappc9	Dap	Atp6v1a	Zfp160
Ago2	Ankrd33b	Naa50	Zfp51
Ptk2	March6	Sidt1	Zfp948
Dennd3	Cct5	Nepro	Zfp995

For Peer Review

Ptp4a3	Sema5a	Cd200r2	Zfp942
Adgrb1	Sdc2	Slc35a5	Zfp943
Jrk	Cpq	Atg3	Zfp758
Ly6d	Mtdh	Btla	Zfp945
Ly6e	Rpl30	Cd200	Zfp40
Ly6a	Pop1	Phldb2	Srrm2
Zc3h3	Nipal2	Plcxd2	Kctd5
Tsta3	Stk3	Dzip3	Pdpk1
Fam83h	Cox6c	Cip2a	Atp6v0c
Scrib	Spag1	Ift57	Ccnf
Plec	Ankrd46	Cd47	Abca3
Mroh1	Pabpc1	Bbx	Rnps1
Bop1	Ywhaz	Cblb	Traf7
Hsf1	Zfp706	Alcam	Pkd1
Fbxl6	Rrm2b	Nfkbiz	Tsc2
Adck5	Azin1	Nxpe3	Zfp598
Cyhr1	2310043O21Rik	Cep97	Rps2
Kifc2	Dcaf13	Pcnp	Mapk8ip3
Ppp1r16a	Rims2	Senp7	Jpt2
Arhgap39	Lrp12	Impg2	Cramp1l
Zfp7	Oxr1	Tfg	Ift140
Rpl8	Rspo2	Tomm70a	Telo2
Myh9	Eif3e	Tbc1d23	Unkl
Txn2	Emc2	Tmem30c	Ube2i
Eif3d	Nudcd1	Cmss1	Lmf1
Cacng2	Csmd3	Filip1l	Haghl
Ncf4	Trps1	St3gal6	Rab40c
Csf2rb	Eif3h	Cldnd1	Pigq
Rac2	Utp23	Nsun3	Tmem8
Cyth4	Rad21	Pros1	Axin1
Mfng	Med30	Cggbp1	Luc7l
Gga1	Ext1	Cadm2	Ergic1
Triobp	Taf2	Gbe1	Atp6v0e
Eif3l	Gm9920	Hspa13	Crebrf
Micall1	Col14a1	Samsn1	Bnip1
Pla2g6	Mtbp	Usp25	Cuta
Tmem184b	Slc22a22	Cxadr	Ggnbp1
Csnk1e	Zhx2	Btg3	Itpr3
Ddx17	Derl1	D16Ertd472e	Lemd2
Tomm22	Tbc1d31	Tmprss15	Nudt3
Josd1	9130401M01Rik	Mrpl39	Rps10
Gtpbp1	Zhx1	App	Pacsin1
Sun2	Fbxo32	Ltn1	D17Wsu92e
Gm16576	Fam91a1	Rwdd2b	Zfp523
Cbx6	Tmem65	Usp16	Def6
Npcd	Rnf139	Cct8	Ppard

For Peer Review

Apobec3	Tatdn1	Tiam1	Rpl10a
Rpl3	Ndufb9	Scaf4	Fkbp5
Tab1	Mtss1	Hunk	Srpk1
Mief1	Sqle	Cfap298	Mapk14
Atf4	Nsmce2	Paxbp1	Brpf3
Cacna1i	Fam84b	Ifnar2	Pnpla1
Grap2	Myc	Il10rb	Kctd20
Adsl	Pvt1	Ifnar1	Stk38
Mrtfa	Fam49b	Ifngr2	Srsf3
Slc25a17	Asap1	Tmem50b	Ppil1
St13	Efr3a	Gart	BC004004
Xpnpep3	Tmem71	Son	Fgd2
Ep300	Sla	Donson	Pim1
L3mbtl2	St3gal1	Cryzl1	Cmtr1
Rangap1	Zfat	Itsn1	Ccdc167
Tob2	Gm20732	Mrps6	Zfand3
Aco2	Trappc9	Rcan1	Btbd9
Polr3h	Chrac1	Runx1	Dnah8
Pmm1	Ago2	Dop1b	Abcg1
Desi1	Dennd3	Morc3	Wdr4
Xrcc6	Ptp4a3	Sim2	U2af1
Ccdc134	Adgrb1	Hlcs	Sik1
Srebf2	Them6	Ttc3	Rrp1b
Shisa8	Ly6d	Vps26c	Brd4
Tnfrsf13c	Ly6e	Dyrk1a	Akap8
Cenpm	Ly6a	Psmg1	Akap8l
Pheta2	Top1mt	Brwd1	Wiz
Ndufa6	Zc3h3	Mx2	Rasal3
Tcf20	Eef1d	Prdm15	Zfp871
Nfam1	Fam83h	C2cd2	Zfp811
Serhl	Puf60	Zbtb21	Zfp799
Poldip3	Plec	Scaf8	Zfp472
Arfgap3	Parp10	Tiam2	Zfp563
Pacsin2	Grina	Tfb1m	Zfp81
Samm50	Gpaa1	Zdhhc14	Zfp414
Parvb	Cyc1	Snx9	Hnrnpm
Parvg	Sharpin	Tulp4	Rab11b
Prr5	Mroh1	Sytl3	Ndufa7
Nup50	Bop1	Ezr	Kifc1
5031439G07Rik	Hsf1	Rps6ka2	Tapbp
Fam118a	Slc52a2	Fgfr1op	Rgl2
Atxn10	Slc39a4	Ccr6	Vps52
Celsr1	Vps28	Sft2d1	H2-K1
Gramd4	Cyhr1	Qk	Col11a2
Cerk	Lrrc14	Pacrg	Brd2
Tbc1d22a	Rpl8	Prkn	H2-DMa

For Peer Review

Brd1	1110038F14Rik	Agpat4	H2-DMb2
Zbed4	Mb	Map3k4	H2-DMb1
Creld2	Myh9	Slc22a2	Psmb9
Trabd	Txn2	Igf2r	Tap1
Mapk11	Eif3d	Mrpl18	Psmb8
Sbf1	Ncf4	Tcp1	Tap2
Ncaph2	Csf2rb	Wtap	H2-Ob
Alg10b	Rac2	Phf10	H2-Ab1
Lrrk2	Cyth4	Psmb1	H2-Aa
Gxylt1	Mfng	Tbp	H2-Eb1
Yaf2	Sh3bp1	Pdcd2	H2-Eb2
Zcrb1	Triobp	Prdm9	Agpat1
Pphln1	Eif3l	Chd1	Atf6b
Irak4	Micall1	Rgmb	Stk19
Ano6	Polr2f	Riok2	Cfb
2610037D02Rik	Pla2g6	Lnpep	Vars
Arid2	Tmem184b	Ppp2r1a	Msh5
Slc38a1	Csnk1e	Zfp160	Clic1
Slc38a2	Ddx17	Zfp51	Csnk2b
Pced1b	Tomm22	Zfp760	Bag6
Rpap3	Josd1	Zfp995	Prrc2a
Slc48a1	Gtpbp1	Zfp942	Ddx39b
Hdac7	Sun2	Zfp943	H2-D1
Senp1	Gm16576	Zfp758	H2-Q4
Kansl2	Dnal4	Zfp946	H2-Q6
Ccnt1	Cbx6	Zfp945	H2-Q7
Ddx23	Apobec3	Zfp40	Tubb5
Arf3	Cbx7	Thoc6	Nrm
B130046B21Rik	Rpl3	Pkmyt1	Ppp1r18
Rhebl1	Tab1	Srrm2	2310061I04Rik
Lmbr1l	Mief1	Pdpk1	Atat1
Troap	Atf4	Atp6v0c	Mrps18b
Prpf40b	Cacna1i	Ccnf	Ppp1r10
Fmnl3	Grap2	Rnps1	Abcf1
Tmbim6	Adsl	Eci1	H2-T24
Nckap5l	Sgsm3	E4f1	H2-T23
Racgap1	Mrtfa	Traf7	Trim26
Cers5	Slc25a17	Pkd1	Gabbr1
Larp4	St13	Tsc2	Olfr90
Dip2b	Xpnpep3	Zfp598	Cd2ap
Atf1	Rbx1	Gfer	Runx2
Slc11a2	Ep300	Rps2	Supt3
Letmd1	Rangap1	Nubp2	Cdc5l
Dazap2	Zc3h7b	Mapk8ip3	Nfkbie
Slc4a8	Tob2	Jpt2	Slc35b2
Scn8a	Aco2	Cramp1l	Hsp90ab1

For Peer Review

Acvr1b	Pmm1	Ift140	Mad2l1bp
Nr4a1	Desi1	Clcn7	Polh
Eif4b	Snu13	Unkl	Xpo5
Spryd3	Mei1	Ube2i	Yipf3
Csad	Ccdc134	Lmf1	Srf
Espl1	Srebf2	Narfl	Klhdc3
Aaas	Tnfrsf13c	Rab40c	Pex6
Sp1	Pheta2	Pigq	Cnpy3
Prr13	Smdt1	Capn15	Rpl7l1
Pcbp2	Tcf20	Rab11fip3	Bicral
Tarbp2	Serhl	Decr2	Ubr2
Atf7	Rrp7a	Tmem8	Taf8
Atp5g2	Poldip3	Mrpl28	Ccnd3
Cbx5	Arfgap3	Axin1	Bysl
Copz1	Pacsin2	Fam234a	Med20
Nckap1l	Tspo	Luc7l	Usp49
Pde1b	Ttll12	Ergic1	Tfeb
Zfp263	Pnpla5	Crebrf	Foxp4
Zfp174	Samm50	Bnip1	Nfya
Naa60	Parvg	Ggnbp1	Unc5cl
Cluap1	Nup50	Bak1	Mocs1
Nlrc3	5031439G07Rik	Itpr3	Rftn1
Trap1	Smc1b	Uqcc2	Plcl2
Crebbp	Atxn10	Nudt3	Tbc1d5
Adcy9	Gtse1	D17Wsu92e	Satb1
Srl	Trmu	Uhrf1bp1	Rab5a
Tfap4	Gramd4	Anks1	Kat2b
Pam16	Cerk	Def6	Sgo1
Coro7	Tbc1d22a	Ppard	Zfp119a
Dnaja3	Brd1	Fance	Sh3gl1
Hmox2	Zbed4	Rpl10a	Ubxn6
Cdip1	Creld2	Fkbp5	Dpp9
Mgrn1	1810021B22Rik	Srpk1	Ticam1
Anks3	Trabd	Mapk14	Uhrf1
Rogdi	Plxnb2	Pxt1	Kdm4b
Glyr1	Sbf1	Kctd20	Ptprs
Ubn1	Ncaph2	Stk38	Safb2
Gm15983	Shank3	Srsf3	Ranbp3
Carhsp1	Alg10b	Ppil1	Nrtn
Usp7	Lrrk2	BC004004	Dus3l
1810013L24Rik	Pdzrn4	Fgd2	Mllt1
Ciita	Gxylt1	Pim1	Khsrp
Dexi	Yaf2	Tbc1d22b	Dennd1c
Clec16a	Zcrb1	Rnf8	C3
Rmi2	Pphln1	Cmtr1	Gpr108
Litaf	Irak4	Zfand3	Vav1

For Peer Review

Txndc11	Nell2	Btbd9	Cntnap5c
Zc3h7a	Ano6	Dnah8	Fbxl17
Rsl1d1	2610037D02Rik	Abcg1	Fer
2610020C07Rik	Arid2	Slc37a1	Pja2
Gspt1	Slc38a1	Pknox1	Man2a1
Snx29	Slc38a2	U2af1	Vapa
Cpped1	Pced1b	Sik1	Ppp4r1
Shisa9	Slc48a1	Hsf2bp	Ralbp1
Ercc4	Hdac7	Rrp1b	Ankrd12
Mrtfb	Senp1	Brd4	Ndufv2
Parn	Asb8	Akap8	Washc1
Bfar	Kansl2	Akap8l	Mtcl1
Rrn3	Ccnt1	Rasal3	Rab12
Pdxdc1	Ddx23	Zfp871	L3mbtl4
Mpv17l	Arf3	Zfp811	Akain1
Nde1	Prkag1	Cyp4f13	Tgif1
Fopnl	Lmbr1l	Zfp472	Myl12b
Abcc1	Tuba1b	Zfp952	Lpin2
Ube2v2	Tuba1c	Zfp563	Wdr43
Mcm4	Spats2	Zfp81	Ypel5
Prkdc	Mcrs1	Hnrnpm	Lbh
Spidr	Fmnl3	Rab11b	Lclat1
Dnm1l	Tmbim6	Ndufa7	Memo1
Top3b	Racgap1	Kifc1	Dpy30
Ppm1f	Smarcd1	Tapbp	Slc30a6
Mapk1	Cers5	Rgl2	Nlrc4
Ppil2	Lima1	Rps18	Yipf4
2610318N02Rik	Larp4	H2-K1	Birc6
Sdf2l1	Dip2b	Slc39a7	Ttc27
Ube2l3	Atf1	Rxrb	Rasgrp3
Pi4ka	Letmd1	Brd2	Fam98a
Snap29	Csrnp2	H2-DMb2	Crim1
Crkl	Tfcp2	H2-DMb1	Vit
Smpd4	Dazap2	Psmb9	Strn
Med15	Slc4a8	Tap1	Gpatch11
Dgcr2	Scn8a	Tap2	Eif2ak2
Ess2	Acvr1b	H2-Ob	Cebpz
Zdhhc8	Krt76	H2-Ab1	Prkd3
Ranbp1	Eif4b	H2-Aa	Atl2
Trmt2a	Spryd3	H2-Eb1	Srsf7
Dgcr8	Mfsd5	Stk19	Dhx57
Tango2	Espl1	Skiv2l	Sos1
Comt	Myg1	Cfb	Thumpd2
Gnb1l	Aaas	Vars	Eml4
Cdc45	Sp7	Sapcd1	Cox7a2l
Ufd1	Sp1	Msh5	Mta3

For Peer Review

Hira	Prr13	Clic1	Haao
2010309G21Rik	Pcbp2	Abhd16a	Zfp36l2
Iglc2	Atf7	Csnk2b	Thada
Gm43388	Calcoco1	Prrc2a	Lrpprc
Klhl6	Hoxc4	Ltb	Ppm1b
Klhl24	Smug1	Nfkbil1	Prepl
Yeats2	Cbx5	Ddx39b	Camkmt
Parl	Hnrnpa1	H2-D1	Prkce
Abcc5	Copz1	H2-Q4	Rhoq
Eif2b5	Zfp385a	H2-Q6	Pigf
Dvl3	Itga5	H2-Q7	Socs5
Ap2m1	Gtsf2	Cchcr1	Ttc7
Abcf3	Nckap1l	Tubb5	Calm2
Alg3	Pde1b	Ppp1r18	Msh2
Eef1akmt4	Glycam1	Atat1	Msh6
Eif4g1	Zfp263	Ppp1r10	Fbxo11
Fam131a	Naa60	H2-Bl	Foxn2
Gm16863	Cluap1	Trim39	Ppp1r21
Vps8	Slx4	Trim26	Nrxn1
1300002E11Rik	Trap1	Trim10	Mettl4
Senp2	Crebbp	Gabbr1	Crem
Tra2b	Tfap4	Cd2ap	Map3k8
Etv5	Coro7	Runx2	Mtpap
Dgkg	Hmox2	Supt3	Svil
Tbccd1	Cdip1	Cdc5l	Zfp438
Dnajb11	Ubald1	Aars2	Zeb1
Eif4a2	Mgrn1	Nfkbie	Arhgap12
Rfc4	Nudt16l1	Hsp90ab1	Kif5b
St6gal1	Anks3	Slc29a1	Epc1
Bcl6	Glyr1	Tmem63b	Mkx
Lpp	Ubn1	Vegfa	Wac
Il1rap	Rbfox1	Mrps18a	Ccny
Gm20319	Mettl22	Mad2l1bp	Thoc1
Ccdc50	Pmm2	Polh	Usp14
Atp13a4	Carhsp1	Tjap1	Esco1
Opa1	Usp7	Srf	Snrpd1
4632428C04Rik	1810013L24Rik	Klhdc3	Mib1
Atp13a3	Nubp1	Ppp2r5d	Rbbp8
Tmem44	Ciita	Pex6	Tmem241
Lsg1	Clec16a	Cnpy3	Riok3
Xxylt1	Rmi2	Bicral	Rmc1
Acap2	Litaf	Ubr2	Impact
Ppp1r2	Snn	Ccnd3	Ss18
Dlg1	Txndc11	Med20	Kctd1
Ncbp2	Zc3h7a	Usp49	Trappc8
Senp5	2610020C07Rik	Tfeb	Rnf138

For Peer Review

Pak2	Gspt1	Foxp4	Garem1
Pigx	Snx29	Nfya	Klhl14
Nrros	Ercc4	Oard1	Mapre2
Fbxo45	Mrtfb	Unc5cl	Zfp397
Wdr53	Parn	Mocs1	Galnt1
Ubxn7	Bfar	Rftn1	2700062C07Rik
Pcyt1a	Rrn3	Plcl2	Rprd1a
Tfrc	Ntan1	Tbc1d5	Elp2
Tnk2	Pdxdc1	Satb1	Celf4
Smbd1	Nde1	Rab5a	Pik3c3
Rubcn	Fopnl	Kat2b	Slc25a46
Fyttd1	Abcc1	Sgo1	Sap130
Lrch3	Ube2v2	Zfp119a	Ammecr1l
Snx4	Mcm4	Zfp959	Wdr33
Zfp148	Prkdc	Mpnd	Iws1
Heg1	Mzt2	Sh3gl1	Map3k2
Itgb5	Spidr	Chaf1a	Ercc3
Hacd2	Dnm1l	Hdgfl2	Bin1
Sec22a	Top3b	Dpp9	Gypc
Dirc2	Ppm1f	Ticam1	Wdr36
Hspbap1	Mapk1	Uhrf1	Stard4
Parp14	Ppil2	Kdm4b	Apc
Dtx3l	2610318N02Rik	Ptprs	Reep5
Parp9	Sdf2l1	Safb2	Fam13b
Kpna1	Ube2l3	Safb	Brd8
Gm15564	Pi4ka	Lonp1	Kif20a
Fam162a	Snap29	Ranbp3	Cdc23
Ccdc58	Crkl	Acsbg2	Cdc25c
Cd86	Lztr1	Mllt1	Fam53c
Eaf2	Thap7	Khsrp	Kdm3b
Iqcb1	Smpd4	Dennd1c	Egr1
Golgb1	Med15	Vav1	Etf1
Hcls1	Dgcr2	Fbxl17	Hspa9
Polq	Slc25a1	Fer	Sil1
Gtf2e1	Ranbp1	Pja2	Matr3
Lrrc58	Dgcr8	Man2a1	Paip2
Gpr156	Tango2	Vapa	Mzb1
Gsk3b	Comt	Rab31	Ube2d2a
Nr1i2	Gnb1l	Ppp4r1	Cxxc5
Gm21987	Cdc45	Ralbp1	Pfdn1
Cd80	Ufd1	Twsg1	Ankhd1
Poglut1	Hira	Ankrd12	AC115631.1
Tmem39a	2010309G21Rik	Ndufv2	Ik
Arhgap31	Iglc2	Washc1	Hars
Lsamp	Gm43388	Rab12	Diaph1
Zbtb20	B3gnt5	Tgif1	Hdac3

For Peer Review

Qtrt2	Klhl6	Myl12b	Rnf14
Atp6v1a	Klhl24	Myl12a	Ndfip1
Naa50	Yeats2	Lpin2	Arhgap26
Sidt1	Parl	Ndc80	Nr3c1
Cfap44	Abcc5	Wdr43	Yipf5
Nepro	Dvl3	Ypel5	Lars
Cd200r2	Abcf3	Lbh	Rbm27
Slc35a5	Alg3	Lclat1	Tcerg1
Atg3	Psmd2	Galnt14	Ppp2r2b
Btla	Eif4g1	Memo1	Spink6
Cd200	Vps8	Dpy30	Dcp2
Phldb2	1300002E11Rik	Spast	Ythdc2
Plcxd2	Map3k13	Slc30a6	Pggt1b
Dzip3	Senp2	Nlrc4	Fem1c
Cip2a	Tra2b	Birc6	Ticam2
Ift57	Etv5	Ttc27	Tmed7
Cd47	Tbccd1	Rasgrp3	Eif1a
Bbx	Dnajb11	Fam98a	Cdo1
Cblb	Fetub	Crim1	Ap3s1
Alcam	Eif4a2	Strn	Commd10
Nfkbiz	B630019A10Rik	Gpatch11	Dmxl1
Nxpe3	St6gal1	Eif2ak2	Tnfaip8
Cep97	Bcl6	Prkd3	Snx2
Pcnp	Lpp	Cdc42ep3	Cep120
Senp7	Il1rap	Rmdn2	Zfp608
Impg2	Ostn	Atl2	Gramd3
Tfg	Ccdc50	Dhx57	Phax
Tomm70a	Opa1	Sos1	Lmnb1
Tbc1d23	4632428C04Rik	Thumpd2	March3
Tmem30c	Atp13a3	Eml4	C330018D20Rik
Cmss1	Xxylt1	Cox7a2l	Prrc1
Filip1l	Acap2	Mta3	Ccdc192
St3gal6	Ppp1r2	Haao	Smim3
Cldnd1	Dlg1	Thada	Dctn4
Nsun3	Senp5	Lrpprc	Rbm22
Pros1	Pak2	Ppm1b	Ndst1
4930453N24Rik	Nrros	Camkmt	Rps14
Cggbp1	Fbxo45	Prkce	Cd74
Chmp2b	Wdr53	Rhoq	Camk2a
Cadm2	Ubxn7	Pigf	Slc26a2
Gbe1	Pcyt1a	Socs5	Ppargc1b
Hspa13	Tfrc	Mcfd2	Csnk1a1
Samsn1	Tnk2	Ttc7	Grpel2
Gm45030	Rubcn	Msh2	Ablim3
Usp25	Fyttd1	Msh6	Fbxo38
Cxadr	Lrch3	Fbxo11	Napg

For Peer Review

Btg3	Rpl35a	Foxn2	Piezo2
D16Ertd472e	Lmln	Ppp1r21	Txnl1
Tmprss15	Snx4	Fshr	Wdr7
Mir155hg	Zfp148	Mettl4	Nars
Mrpl39	Heg1	Crem	Nedd4l
App	Hacd2	Cul2	Malt1
Ltn1	Sec22a	Map3k8	Oacyl
Rwdd2b	Parp14	Mtpap	Sec11c
Usp16	Dtx3l	Svil	Lman1
Cct8	Parp9	Zfp438	Ccbe1
Tiam1	Kpna1	Zeb1	Gnal
Scaf4	Gm15564	Arhgap12	Mppe1
Hunk	Fam162a	Kif5b	Afg3l2
Mis18a	Ccdc58	Epc1	Psmg2
Urb1	Cd86	Rab18	Ptpn2
Cfap298	Eaf2	Wac	Fam210a
Synj1	Iqcb1	Ccny	Rnmt
Paxbp1	Golgb1	Thoc1	Tcf4
Ifnar2	Hcls1	Usp14	Ccdc68
Il10rb	Polq	Esco1	4930503L19Rik
A930006K02Rik	Stxbp5l	Snrpd1	Poli
Ifnar1	Gtf2e1	Mib1	Mbd2
Ifngr2	Fstl1	Rbbp8	Dcc
Tmem50b	Lrrc58	Tmem241	Mex3c
Gart	Gpr156	Riok3	Smad4
Son	Gsk3b	Rmc1	Me2
Donson	Gm21987	Npc1	Mapk4
Cryzl1	Pla1a	Ttc39c	Ska1
Itsn1	Adprh	Impact	Cxxc1
Mrps6	Timmdc1	Zfp521	Rpl17
Slc5a3	Poglut1	Ss18	BC031181
Rcan1	Tmem39a	Dsc3	Dym
Runx1	Lsamp	Trappc8	Zbtb7c
Dop1b	Zbtb20	Rnf138	Smad2
Morc3	Tigit	Klhl14	Pias2
Sim2	Qtrt2	Nol4	Loxhd1
Hlcs	Atp6v1a	Mapre2	8030462N17Rik
Ttc3	Naa50	Zfp35	Atp5a1
Vps26c	Atg3	Zfp24	Adnp2
Dyrk1a	Btla	Ino80c	Txnl4a
Psmg1	Cd200	Galnt1	Ctdp1
Brwd1	Abhd10	Rprd1a	Nfatc1
Mx2	Phldb2	Elp2	Mbp
Prdm15	Plcxd2	Fhod3	Zfp236
C2cd2	Morc1	Pik3c3	Tshz1
Zbtb21	Dzip3	Slc25a46	Zfp407

For Peer Review

Scaf8	Cip2a	Sap130	Cyb5a
Tiam2	Cd47	Ammecr1l	Socs6
Tfb1m	Bbx	Wdr33	Tmx3
Arid1b	Cblb	Iws1	Tesmin
Zdhhc14	Alcam	Map3k2	Ppp6r3
Snx9	Nfkbiz	Bin1	Lrp5
Tulp4	Nxpe3	Gypc	Kmt5b
Sytl3	Cep97	Apc	Chka
Ezr	Gm28037	Srp19	Tcirg1
Rps6ka2	Pcnp	Reep5	Unc93b1
Fgfr1op	Senp7	Fam13b	Ndufv1
Ccr6	Tfg	Brd8	Pitpnm1
Sft2d1	Adgrg7	Kif20a	Coro1b
Pde10a	Tomm70a	Cdc25c	Ptprcap
Qk	Tbc1d23	Kdm3b	Rps6kb2
Pacrg	Cmss1	Etf1	Tbc1d10c
Prkn	Filip1l	Hspa9	Ppp1ca
Agpat4	Col8a1	Ctnna1	Clcf1
Map3k4	St3gal6	Sil1	Ankrd13d
Slc22a2	Cpox	Matr3	Grk2
Igf2r	Cldnd1	Paip2	Kdm2a
Mrpl18	Crybg3	Mzb1	Rce1
Tcp1	Epha6	Spata24	Gm21992
Wtap	Nsun3	Dnajc18	Rbm4
Gm16046	Arl13b	Ube2d2a	Rbm14
AC174800.1	Pros1	Psd2	Zdhhc24
Phf10	4930453N24Rik	Pura	Dpp3
Psmb1	Cggbp1	Ankhd1	Yif1a
Tbp	Chmp2b	AC115631.1	Rab1b
Pdcd2	Cadm2	Eif4ebp3	Pacs1
Prdm9	Gbe1	Ik	Cfl1
Chd1	Robo2	Hars2	Kat5
Rgmb	Hspa13	Pcdha1	Rela
BC002059	Samsn1	Diaph1	Sipa1
Riok2	Nrip1	Hdac3	Pcnx3
Lnpep	1700063K16Rik	Rnf14	Ehbp1l1
Ppp2r1a	Usp25	Ndfip1	Frmd8
Zfp160	D16Ertd472e	Spry4	Dpf2
Zfp51	Mir155hg	Arhgap26	Pola2
Zfp760	Atp5j	Nr3c1	Capn1
Zfp995	Gabpa	Yipf5	Syvn1
Zfp942	Ltn1	Prelid2	Mrpl49
Zfp943	Usp16	Lars	Sac3d1
Zfp758	Cct8	Rbm27	Snx15
Zfp946	Bach1	Tcerg1	Ehd1
Gm16386	Tiam1	Ppp2r2b	Map4k2

For Peer Review

Zfp945	Scaf4	Dcp2	Sf1
Zfp40	Mis18a	Ythdc2	Rasgrp2
Thoc6	Cfap298	Pggt1b	Rps6ka4
Pkmyt1	Paxbp1	Fem1c	Prdx5
Srrm2	4932438H23Rik	Ticam2	Esrra
Pdpk1	Ifnar2	Eif1a	Gpr137
Atp6v0c	Il10rb	Cdo1	Fermt3
Ntn3	A930006K02Rik	Ap3s1	Stip1
Ccnf	Ifnar1	Commd10	Macrod1
Rnps1	Ifngr2	Dtwd2	Otub1
Eci1	Tmem50b	Dmxl1	Cox8a
E4f1	Son	Tnfaip8	Mark2
Traf7	Itsn1	Srfbp1	Spindoc
Rab26os	Mrps6	Snx2	Rtn3
Pkd1	Slc5a3	Snx24	Atl3
Tsc2	Rcan1	Cep120	Slc22a6
Zfp598	Runx1	Zfp608	Slc3a2
Gfer	Setd4	Gramd3	Nxf1
Rps2	Morc3	Lmnb1	Tmem223
Nubp2	Cldn14	March3	Tmem179b
Eme2	Sim2	Prrc1	Ttc9c
Mapk8ip3	Hlcs	Slc12a2	Bscl2
Jpt2	Pigp	Smim3	Ubxn1
Cramp1l	Ttc3	Dctn4	Ints5
Ift140	Vps26c	Rbm22	Ganab
Clcn7	Dyrk1a	Ndst1	B3gat3
BC003965	Kcnj15	Rps14	Eml3
Unkl	Ets2	Cd74	Mta2
Ube2i	Brwd1	Tcof1	Tut1
Lmf1	Hmgn1	Ppargc1b	Eef1g
Narfl	Mx1	Csnk1a1	Asrgl1
Jmjd8	Mx2	Ablim3	Incenp
Rhot2	Scaf8	Napg	Fth1
Mettl26	Arid1b	Txnl1	Fads2
Gm26694	Tmem242	Wdr7	Tmem258
Rab40c	Zdhhc14	Nars	Syt7
Pigq	Snx9	Nedd4l	Sdhaf2
Capn15	Tulp4	Malt1	Cpsf7
Rab11fip3	Dynlt1f	Sec11c	Tmem216
Decr2	Ezr	Lman1	Ddb1
Tmem8	Tagap1	Ccbe1	Vps37c
Mrpl28	Rps6ka2	Afg3l2	Ms4a1
Axin1	E430024P14Rik	Cep76	Ms4a7
Fam234a	Rnaset2a	Psmg2	Ms4a4c
Luc7l	Fgfr1op	Ptpn2	Ms4a6c
Neurl1b	Ccr6	Seh1l	Gm8369

For Peer Review

Ergic1	Mpc1	Ldlrad4	Ms4a6b
Atp6v0e	Pde10a	Fam210a	Patl1
Crebrf	Qk	Tcf4	Pfpl
Bnip1	Pacrg	Ccdc68	Fam111a
Zbtb9	Prkn	Rab27b	Zfp91
Ggnbp1	Agpat4	4930503L19Rik	Lpxn
Bak1	Map3k4	Mbd2	Tle4
Itpr3	Slc22a2	Dcc	Psat1
Uqcc2	Igf2r	Mex3c	Gnaq
Nudt3	Airn	Smad4	Vps13a
D17Wsu92e	Tcp1	Me2	Gcnt1
Uhrf1bp1	Acat2	Ska1	Pcsk5
Anks1	Wtap	Mbd1	Ostf1
Def6	Sod2	Rpl17	Carnmt1
Ppard	Unc93a	BC031181	Zfand5
Fance	AC174800.1	Dym	1110059E24Rik
Rpl10a	Phf10	Smad2	Trpm3
Fkbp5	Psmb1	Pias2	Smc5
Srpk1	Tbp	St8sia5	Tjp2
Mapk14	Pdcd2	8030462N17Rik	Pip5k1b
Pxt1	Prdm9	Atp5a1	Dock8
Kctd20	Chd1	Pstpip2	Dmrt1
Stk38	Rgmb	Slc14a1	Smarca2
Srsf3	BC002059	Adnp2	Pum3
Trp53cor1	Riok2	Rbfa	Rfx3
Cdkn1a	Lnpep	Txnl4a	Slc1a1
Ppil1	Ppp2r1a	Ctdp1	Cdc37l1
BC004004	Zfp160	Nfatc1	Ak3
Fgd2	Zfp51	Mbp	Rcl1
Pim1	Zfp948	Zfp236	Cd274
Tbc1d22b	Zfp995	Tshz1	Ric1
Rnf8	Zfp942	Zfp407	Ermp1
Cmtr1	Zfp943	Tmx3	Uhrf2
Zfand3	Zfp758	Ppp6r3	Sgms1
Btbd9	Gm16386	Lrp5	Minpp1
Dnah8	Zfp945	1810055G02Rik	Atad1
Abcg1	Zfp40	Kmt5b	Pten
Slc37a1	Zfp213	Chka	Lipo3
Wdr4	Srrm2	Tcirg1	Stambpl1
Pknox1	Elob	Unc93b1	Pank1
U2af1	Kctd5	Ndufv1	Htr7
Sik1	Pdpk1	Pitpnm1	Pcgf5
Hsf2bp	Atp6v0c	Aip	Btaf1
Rrp1b	Ntn3	Coro1b	Cpeb3
Brd4	Ccnf	Tbc1d10c	Kif11
Akap8	Abca3	Rad9a	Exoc6

For Peer Review

Akap8l	D330041H03Rik	Clcf1	Cyp26a1
Wiz	Rnps1	Ssh3	Cep55
Rasal3	Mlst8	Grk2	Ffar4
Zfp871	Traf7	Kdm2a	Fra10ac1
Zfp811	Rab26os	Pcx	Tbc1d12
Cyp4f13	Pkd1	Gm21992	Hells
Zfp472	Tsc2	Rbm4	Cyp2c67
Zfp952	Zfp598	Rbm14	Cyp2c40
Zfp563	Snhg9	Ccs	Cyp2c69
Zfp81	Rps2	Zdhhc24	Aldh18a1
Hnrnpm	Mapk8ip3	Dpp3	Entpd1
Rab11b	Jpt2	Pacs1	Ccnj
Ndufa7	Cramp1l	Sf3b2	Zfp518a
Kifc1	Ift140	Snx32	Blnk
Tapbp	Telo2	Rnaseh2c	Tm9sf3
Rgl2	BC003965	Kat5	Pik3ap1
Rps18	Unkl	Pcnx3	Lcor
H2-K1	Ube2i	Ehbp1l1	Slit1
Slc39a7	Lmf1	Frmd8	Arhgap19
Rxrb	Haghl	Dpf2	Zdhhc16
Brd2	Rhot2	Pola2	Mms19
H2-DMb2	Mettl26	Syvn1	Ubtd1
H2-DMb1	Gm26694	Ehd1	R3hcc1l
Psmb9	Rab40c	Map4k2	Pyroxd2
Tap1	Pigq	Sf1	Hps1
Tap2	Tmem8	Rasgrp2	Hpse2
H2-Ob	Axin1	Prdx5	Got1
H2-Ab1	Luc7l	Esrra	Slc25a28
H2-Aa	Neurl1b	Fermt3	Entpd7
Gm20513	Ergic1	Naa40	Cox15
H2-Eb1	Atp6v0e	Mark2	Erlin1
Pbx2	Crebrf	Spindoc	Chuk
Rnf5	Bnip1	Rtn3	Cwf19l1
Ppt2	Cuta	Atl3	Scd2
Atf6b	Zbtb9	Pla2g16	Scd1
Stk19	Ggnbp1	Slc3a2	Ndufb8
Skiv2l	Bak1	Stx5a	Slf2
Cfb	Itpr3	Nxf1	Fbxw4
1110038B12Rik	Lemd2	Tmem179b	Mgea5
Vars	Hmga1	Ganab	Ldb1
Vwa7	Nudt3	B3gat3	Pprc1
Sapcd1	Rps10	Eml3	Gbf1
Msh5	Pacsin1	Mta2	Nfkb2
Clic1	D17Wsu92e	Tut1	Mfsd13a
Abhd16a	Zfp523	Eef1g	Actr1a
Csnk2b	Def6	Ahnak	Sufu

For Peer Review

Prrc2a	Ppard	Asrgl1	Trim8
Ltb	Rpl10a	Incenp	Wbp1l
Tnf	Fkbp5	Fth1	Borcs7
Nfkbil1	Srpk1	Fads2	Nt5c2
Ddx39b	Mapk14	Tmem258	Pcgf6
H2-D1	Brpf3	Sdhaf2	Pdcd11
H2-Q4	Pnpla1	Cpsf7	Sh3pxd2a
H2-Q5	Kctd20	Ddb1	Stn1
H2-Q6	Stk38	Vps37c	Slk
H2-Q7	Srsf3	Slc15a3	Cfap43
Cchcr1	Ppil1	Prpf19	Itprip
Tubb5	BC004004	Ms4a1	Xpnpep1
Ppp1r18	Fgd2	Ms4a4c	Add3
Atat1	Pim1	Ms4a6c	Mxi1
Ppp1r10	Tbc1d22b	Gm8369	Smndc1
A930015D03Rik	Cmtr1	Ms4a6b	Smc3
H2-Bl	Ccdc167	Oosp1	Pdcd4
Trim39	Zfand3	Patl1	Shoc2
Trim26	Btbd9	Dtx4	Acsl5
Trim10	Dnah8	Fam111a	Zdhhc6
Gabbr1	Abcg1	Zfp91	Vti1a
Cenpq	Wdr4	Lpxn	Nrap
Cd2ap	U2af1	Tle4	Nhlrc2
Cyp39a1	Sik1	Psat1	Ablim1
Runx2	Rrp1b	Cep78	Atrnl1
Supt3	Brd4	Gnaq	Shtn1
Cdc5l	Akap8	Vps13a	Pdzd8
Aars2	Akap8l	Gcnt1	Fam204a
Nfkbie	Wiz	Ostf1	Cacul1
Hsp90ab1	Rasal3	Nmrk1	Eif3a
Slc29a1	Zfp871	Carnmt1	Fam45a
Tmem63b	Zfp811	1110059E24Rik	Prdx3
Vegfa	Zfp799	Cemip2	Grk5
Mrps18a	Zfp472	Klf9	Zfp950
Mad2l1bp	Zfp563	Smc5	Nmt2
Polh	Zfp81	Tjp2	Dclre1c
Tjap1	Zfp414	Fxn	Suv39h2
Cul9	Hnrnpm	Pip5k1b	Hspa14
Srf	Rab11b	Dock8	Fam107b
Klhdc3	Ndufa7	Smarca2	Frmd4a
Ppp2r5d	Kifc1	Vldlr	Prpf18
Pex6	Tapbp	Pum3	Sephs1
Cnpy3	Rgl2	Rfx3	Mcm10
Bicral	Vps52	Glis3	Optn
Ubr2	H2-K1	Slc1a1	Camk1d
Mrps10	Col11a2	Cdc37l1	Cdc123

For Peer Review

Ccnd3	Brd2	Ak3	Nudt5
Med20	H2-DMa	Rcl1	Sec61a2
Usp49	H2-DMb2	Cd274	Upf2
Tfeb	H2-DMb1	Pdcd1lg2	Usp6nl
Foxp4	Psmb9	Ric1	Celf2
Nfya	Tap1	Ermp1	Taf3
Oard1	Psmb8	Uhrf2	Atp5c1
Unc5cl	Tap2	Prkg1	Kin
Mocs1	H2-Ob	Sgms1	Sfmbt2
Rftn1	H2-Ab1	Minpp1	Pfkfb3
Plcl2	H2-Aa	Atad1	Rbm17
Tbc1d5	H2-Eb1	Pten	Il2ra
Satb1	H2-Eb2	Rnls	Fbh1
Rab5a	Pbx2	Lipo3	Mindy3
Kat2b	Rnf5	Stambpl1	Rsu1
Sgo1	Agpat1	Fas	Trdmt1
Zfp119a	Atf6b	Ifit2	Vim
Zfp959	Stk19	Slc16a12	St8sia6
Mpnd	Cfb	Htr7	Hacd1
Sh3gl1	1110038B12Rik	Pcgf5	Stam
Chaf1a	Lsm2	Tnks2	Arl5b
Hdgfl2	Vars	Btaf1	Malrd1
Dpp9	Vwa7	Cpeb3	Plxdc2
Ticam1	Msh5	Ide	Mllt10
Uhrf1	Clic1	Kif11	Dnajc1
Kdm4b	Csnk2b	Exoc6	Pip4k2a
Ptprs	Bag6	Myof	Etl4
Safb2	Prrc2a	Cep55	Arhgap21
Safb	Ddx39b	Ffar4	Apbb1ip
Lonp1	H2-D1	Fra10ac1	Pdss1
Ranbp3	H2-Q4	Noc3l	Abi1
Acsbg2	H2-Q6	Hells	Acbd5
Mllt1	H2-Q7	Cyp2c67	Yme1l1
Khsrp	Tubb5	Pdlim1	Nxph2
Dennd1c	Nrm	Aldh18a1	Spopl
Vav1	Ppp1r18	Tctn3	Psd4
Fbxl17	2310061I04Rik	Entpd1	Ehmt1
Fer	Atat1	Ccnj	Arrdc1
Pja2	Mrps18b	Zfp518a	Pnpla7
Man2a1	Ppp1r10	Blnk	Nelfb
Vapa	Abcf1	Tm9sf3	Tubb4b
Rab31	Prr3	Pik3ap1	Anapc2
Ppp4r1	A930015D03Rik	Lcor	Man1b1
Ralbp1	H2-T24	Arhgap19	Traf2
Twsg1	H2-T23	Rrp12	Rabl6
Ankrd12	H2-T22	Zdhhc16	Camsap1

For Peer Review

Ndufv2	Trim26	Mms19	Ubac1
Washc1	Ppp1r11	Pi4k2a	Nacc2
Rab12	Znrd1	Zfyve27	Snapc4
Tgif1	Gabbr1	R3hcc1l	Entr1
Gm9320	Olfr90	Pyroxd2	Pmpca
Gm26510	Cenpq	Got1	Inpp5e
Myl12b	Cd2ap	Slc25a28	Sec16a
Myl12a	Tnfrsf21	Entpd7	Notch1
Lpin2	Runx2	Cox15	Surf6
Smchd1	Supt3	Erlin1	Rpl7a
Ndc80	Cdc5l	Chuk	Surf4
Trmt61b	Nfkbie	Cwf19l1	Slc2a6
Wdr43	Slc35b2	Bloc1s2	Fam163b
Ypel5	Hsp90ab1	Scd2	Vav2
Lbh	Slc29a1	Scd1	Brd3
Lclat1	Mad2l1bp	Slf2	Wdr5
Galnt14	Gtpbp2	Btrc	Mrps2
Memo1	Polh	Mgea5	Tsc1
Dpy30	Xpo5	Ldb1	Ddx31
Spast	Polr1c	Pprc1	Setx
Slc30a6	Yipf3	Gbf1	Ntng2
Nlrc4	Zfp318	Actr1a	Med27
Birc6	Srf	Sufu	Rapgef1
Ttc27	Klc4	Arl3	Odf2
Rasgrp3	Klhdc3	Wbp1l	Sptan1
Fam98a	Pex6	Borcs7	Set
Crim1	Cnpy3	Cnnm2	Zdhhc12
Strn	Rpl7l1	Nt5c2	Tbc1d13
Gpatch11	Bicral	Pcgf6	Nup188
Eif2ak2	Ubr2	Pdcd11	Ptpa
Gm26637	Taf8	Sh3pxd2a	Ntmt1
Prkd3	Ccnd3	Stn1	Tor1b
Cdc42ep3	Bysl	Itprip	Fnbp1
Rmdn2	Med20	Sorcs3	Gpr107
Atl2	Usp49	Xpnpep1	Fubp3
Srsf7	Tomm6	Add3	Abl1
Dhx57	Tfeb	Mxi1	Fibcd1
Sos1	Foxp4	Smc3	Nup214
Thumpd2	Nfya	Bbip1	Prrc2b
Eml4	Unc5cl	Shoc2	Slc25a25
Cox7a2l	Mocs1	Acsl5	Fam102a
Mta3	Rftn1	Zdhhc6	Eng
Haao	Plcl2	Vti1a	Fpgs
Thada	Tbc1d5	Casp7	Stxbp1
Lrpprc	Satb1	Nhlrc2	Fam129b
Ppm1b	Rab5a	Ccdc186	Rpl12

For Peer Review

Camkmt	Kat2b	Atrnl1	Garnl3
Prkce	Sgo1	Pdzd8	Ralgps1
Rhoq	Zfp119a	Rab11fip2	Zbtb34
Pigf	Sh3gl1	Fam204a	Zbtb43
Socs5	Chaf1a	Cacul1	Pbx3
Mcfd2	Ubxn6	Eif3a	Mapkap1
Ttc7	Dpp9	Fam45a	Gapvd1
Calm2	Ticam1	Prdx3	Hspa5
Msh2	Uhrf1	Grk5	Fbxw2
Msh6	Kdm4b	Zfp950	Psmd5
Fbxo11	Ptprs	Fam171a1	Traf1
Foxn2	Safb2	Nmt2	Cntrl
Ppp1r21	Ranbp3	Rpp38	Rab14
Fshr	Nrtn	Dclre1c	Gsn
Mettl4	Dus3l	Suv39h2	Ggta1
2700099C18Rik	Mllt1	Hspa14	Ptgs1
Gm1976	Khsrp	Fam107b	Rc3h2
Crem	Dennd1c	Prpf18	Rabgap1
Gm6225	C3	Sephs1	Strbp
Cul2	Gpr108	Phyh	Dennd1a
Map3k8	Vav1	Mcm10	Lhx2
Mtpap	Cntnap5c	Optn	Psmb7
Svil	Fbxl17	Camk1d	Nr6a1
Zfp438	Fer	Cdc123	Arpc5l
Gm10125	Pja2	Nudt5	Golga1
Zeb1	Man2a1	Sec61a2	Scai
Arhgap12	Vapa	Upf2	Ppp6c
Kif5b	Ppp4r1	Usp6nl	Kynu
Epc1	Ralbp1	Celf2	Arhgap15
Rab18	Twsg1	Taf3	Gtdc1
Wac	Ankrd12	Atp5c1	Zeb2
Ccny	Ndufv2	Kin	Orc4
Thoc1	Washc1	Pfkfb3	Mbd5
Usp14	Mtcl1	Rbm17	Epc2
Esco1	Rab12	Il2ra	Mmadhc
Snrpd1	L3mbtl4	Fbh1	Nmi
Mib1	Zbtb14	Ankrd16	Arl5a
Rbbp8	Akain1	Mindy3	Stam2
Tmem241	Tgif1	Pter	Fmnl2
Riok3	Gm26510	Rsu1	Prpf40a
Rmc1	Myl12b	Trdmt1	Arl6ip6
Npc1	Myl12a	Vim	Kcnj3
Ttc39c	Lpin2	St8sia6	Gpd2
Impact	Smchd1	Stam	Cytip
Zfp521	Mettl4-ps1	Nsun6	Acvr1c
Ss18	Trmt61b	Arl5b	Ccdc148

For Peer Review

Dsc3	Wdr43	Malrd1	Pkp4
Trappc8	Ypel5	Plxdc2	Tanc1
Rnf138	Lbh	Nebl	Baz2b
Klhl14	Lclat1	A930004D18Rik	March7
4930426D05Rik	Memo1	Mllt10	Rbms1
Nol4	Dpy30	Dnajc1	Tank
Mapre2	Spast	Pip4k2a	Psmd14
Zfp35	Slc30a6	Etl4	Tbr1
Zfp24	Nlrc4	Arhgap21	Dpp4
Ino80c	Yipf4	Apbb1ip	Ifih1
Galnt1	Birc6	Pdss1	Gca
Rprd1a	Ttc27	Abi1	Fign
Elp2	Rasgrp3	Acbd5	Cobll1
Fhod3	Fam98a	Mastl	Stk39
AW554918	Crim1	Yme1l1	Cers6
Pik3c3	Vit	4931423N10Rik	Ppig
Slc25a46	Strn	Nxph2	Ssb
Sap130	Gpatch11	Spopl	Mettl5
Ammecr1l	Eif2ak2	Psd4	Ubr3
Wdr33	Cebpz	Cacna1b	Gorasp2
Iws1	Prkd3	Ehmt1	Tlk1
Map3k2	Atl2	Pnpla7	Mettl8
Bin1	Srsf7	Nelfb	Dcaf17
Gypc	Dhx57	Anapc2	Dync1i2
4930455D15Rik	Sos1	Traf2	Slc25a12
Stard4	Thumpd2	Rabl6	Hat1
Epb41l4aos	Eml4	Camsap1	Metap1d
Apc	Cox7a2l	Ubac1	Pdk1
Srp19	Mta3	Gpsm1	Rapgef4
Reep5	Haao	Snapc4	Map3k20
Fam13b	C430042M11Rik	Pmpca	Sp3
Brd8	Zfp36l2	Sec16a	Ola1
Kif20a	Thada	Notch1	Cir1
Cdc25c	Lrpprc	Surf6	Wipf1
Kdm3b	Ppm1b	Rpl7a	Atf2
Etf1	Prepl	Surf4	Atp5g3
Hspa9	Camkmt	Rexo4	Lnpk
Ctnna1	Prkce	Cacfd1	Mtx2
Sil1	Rhoq	Slc2a6	Hnrnpa3
Matr3	Pigf	Fam163b	Agps
Paip2	Socs5	Vav2	Rbm45
Mzb1	Ttc7	Wdr5	Fkbp7
Spata24	Calm2	Gtf3c5	Ccdc141
Dnajc18	Msh2	Tsc1	Zfp385b
Ube2d2a	Msh6	Gtf3c4	Cwc22
Psd2	Fbxo11	Ddx31	Ube2e3

For Peer Review

Pura	Foxn2	Med27	Itga4
Ankhd1	Ppp1r21	Rapgef1	Cerkl
AC115631.1	Nrxn1	Odf2	Itprid2
Eif4ebp3	Mettl4	Gle1	Dnajc10
Ik	2700099C18Rik	Sptan1	Zc3h15
Hars2	Gm1976	Set	Itgav
Pcdha1	Crem	Spout1	Calcrl
Diaph1	Cul2	Nup188	Zdhhc5
Hdac3	Map3k8	Ptpa	Slc43a3
2010320O07Rik	Mtpap	Ntmt1	Ssrp1
Rnf14	Svil	Tor1a	Ptprj
Gnpda1	Zfp438	Usp20	Nup160
Ndfip1	Zeb1	Fnbp1	Fnbp4
Spry4	Arhgap12	Gpr107	Mtch2
Arhgap26	Kif5b	Ass1	Ndufs3
Nr3c1	Epc1	Fubp3	Celf1
Yipf5	Rab18	Exosc2	Psmc3
Prelid2	Mkx	Abl1	Spi1
Lars	Wac	Fibcd1	Madd
Rbm27	Ccny	Lamc3	Acp2
Tcerg1	Thoc1	Nup214	Ddb2
Ppp2r2b	Usp14	Fam78a	Arfgap2
Dpysl3	Esco1	Prrc2b	1110051M20Rik
Dcp2	Snrpd1	Pomt1	Ckap5
Ythdc2	Mib1	Uck1	Arhgap1
Pggt1b	Rbbp8	Swi5	Atg13
Fem1c	Tmem241	Dnm1	Ambra1
Ticam2	Riok3	Slc25a25	Dgkz
Tmed7	Rmc1	Fam102a	Phf21a
Eif1a	Impact	Fpgs	Large2
Cdo1	Ss18	Fam129b	Slc35c1
Ap3s1	Kctd1	Rpl12	Trp53i11
Commd10	Trappc8	Garnl3	Cd82
Dtwd2	Rnf138	Ralgps1	Ext2
Dmxl1	Garem1	Zbtb34	Hsd17b12
Tnfaip8	Klhl14	Zbtb43	Ttc17
Srfbp1	Mapre2	Mvb12b	Lrrc4c
Snx2	Zfp397	Pbx3	Trim44
Snx24	Galnt1	Mapkap1	Slc1a2
Cep120	2700062C07Rik	Gapvd1	Cd44
Zfp608	Rprd1a	Hspa5	Pdhx
Gm4221	Elp2	Rabepk	Cat
Gramd3	AW554918	Fbxw2	Abtb2
Lmnb1	Celf4	Phf19	Caprin1
March3	Pik3c3	Traf1	Lmo2
Gm15345	Slc25a46	Cntrl	Fbxo3

For Peer Review

Prrc1	Sap130	Rab14	Hipk3
Slc12a2	Ammecr1l	Gsn	Cstf3
Isoc1	Wdr33	Stom	Eif3m
Smim3	Iws1	Ggta1	Them7
Dctn4	Map3k2	Dab2ip	Elp4
Rbm22	Ercc3	Ttll11	Immp1l
Ndst1	Bin1	Mrrf	Dnajc24
Rps14	Gypc	Rc3h2	Arl14ep
Cd74	Wdr36	Rabgap1	Mettl15
Tcof1	Stard4	Strbp	Kif18a
Cdx1	Epb41l4aos	Dennd1a	Lgr4
Ppargc1b	Apc	Lhx2	Ccdc34
Csnk1a1	Reep5	Psmb7	Lpcat4
Ablim3	Fam13b	Nr6a1	Nop10
Napg	Brd8	Arpc5l	Slc12a6
Txnl1	Kif20a	Golga1	Emc4
Wdr7	Cdc23	Scai	Katnbl1
Nars	Cdc25c	Ppp6c	Emc7
Nedd4l	2010110K18Rik	Kynu	Aven
Alpk2	Fam53c	Arhgap15	Scg5
Malt1	Kdm3b	Gtdc1	Arhgap11a
Sec11c	Egr1	Zeb2	Aqr
Lman1	Etf1	Acvr2a	Dph6
Ccbe1	Hspa9	Orc4	BC052040
Afg3l2	Sil1	Mbd5	Fam98b
Cep76	Matr3	Epc2	Rasgrp1
Psmg2	Paip2	Mmadhc	Fsip1
Ptpn2	Mzb1	Nmi	Eif2ak4
Seh1l	Ube2d2a	Rif1	Bmf
Ldlrad4	Cxxc5	Arl5a	Bub1b
Fam210a	Cystm1	Stam2	Knstrn
Tcf4	Pfdn1	Prpf40a	Ivd
Ccdc68	Ankhd1	Arl6ip6	Knl1
Rab27b	AC115631.1	Gpd2	Rad51
4930503L19Rik	Eif4ebp3	Cytip	Rmdn3
Mbd2	Slc35a4	Upp2	Dnajc17
Dcc	Ik	Pkp4	Chac1
Mex3c	Hars	Tanc1	Ino80
Smad4	Zmat2	Baz2b	Chp1
Me2	Pcdhga1	March7	Oip5
Ska1	Diaph1	Ly75	Nusap1
Mbd1	Hdac3	Rbms1	Rtf1
1700120E14Rik	2010320O07Rik	Tank	Rpap1
Rpl17	Rnf14	Psmd14	Mga
BC031181	Gnpda1	Dpp4	Ehd4
Dym	Ndfip1	Ifih1	Vps39

For Peer Review

Smad2	Arhgap26	Gca	Tmem87a
Pias2	Nr3c1	Fign	Ganc
St8sia5	Yipf5	Cobll1	Zfp106
8030462N17Rik	Lars	Ttc21b	Snap23
Atp5a1	Rbm27	Stk39	Ubr1
Pstpip2	Tcerg1	Cers6	Tmem62
Slc14a1	Ppp2r2b	Ppig	Zscan29
Adnp2	Dpysl3	Ccdc173	Tubgcp4
Rbfa	Spink6	Ssb	Trp53bp1
Txnl4a	Dcp2	Ubr3	Pdia3
Gm16286	Ythdc2	Gorasp2	Mfap1b
Ctdp1	A330093E20Rik	Tlk1	Wdr76
Nfatc1	Pggt1b	Mettl8	Frmd5
Mbp	Fem1c	Dync1i2	Ctdspl2
Zfp236	Ticam2	Slc25a12	Eif3j1
Tshz1	Tmed7	Hat1	Spg11
Zfp407	Eif1a	Metap1d	B2m
Cndp2	Cdo1	Itga6	Slc28a2
Tmx3	Ap3s1	Pdk1	Myef2
Ppp6r3	Commd10	Rapgef4	Dut
Lrp5	Eno1b	Map3k20	Cep152
1810055G02Rik	Dmxl1	Cdca7	Secisbp2l
Kmt5b	Tnfaip8	Sp3	Cops2
Chka	Snx2	Ola1	Galk2
Tcirg1	Cep120	Sp9	Gabpb1
Unc93b1	Zfp608	Wipf1	Usp8
Ndufv1	Gramd3	Chn1	Trpm7
Cdk2ap2	Phax	Atf2	Sppl2a
Pitpnm1	Lmnb1	Atp5g3	Ap4e1
Aip	March3	Lnpk	Blvra
Tmem134	Gm15345	Mtx2	Ncaph
Coro1b	C330018D20Rik	Hnrnpa3	Snrnp200
Tbc1d10c	Prrc1	Nfe2l2	Tmem127
Rad9a	Ccdc192	Agps	Stard7
Clcf1	Slc12a2	Rbm45	Bub1
Pold4	Isoc1	Plekha3	Bcl2l11
Ssh3	Smim3	Cwc22	Anapc1
Grk2	Dctn4	Ube2e3	Zc3h6
Kdm2a	Rbm22	Itga4	Polr1b
Pcx	Ndst1	Itprid2	Slc20a1
Gm21992	Rps14	Dnajc10	Ckap2l
Rbm4b	Cd74	Nup35	Stk35
Rbm4	Tcof1	Zfp804a	Snrpb
Rbm14	Camk2a	Zc3h15	Nop56
Ccs	Slc26a2	Itgav	Idh3b
Zdhhc24	Ppargc1b	Calcrl	Pced1a

For Peer Review

Dpp3	Csnk1a1	Tfpi	Vps16
Pacs1	Grpel2	Zdhhc5	Ptpra
Sf3b2	Ablim3	Timm10	Ubox5
Banf1	Fbxo38	Slc43a3	Itpa
Eif1ad	Napg	Ssrp1	Atrn
AI837181	Piezo2	Tnks1bp1	Spef1
Cfl1	Txnl1	Ptprj	Cdc25b
Snx32	Wdr7	Nup160	Mavs
Rnaseh2c	Nars	Fnbp4	Pank2
Kat5	Nedd4l	Celf1	Adra1d
Pcnx3	Malt1	Spi1	Rassf2
Ehbp1l1	Oacyl	Madd	Slc23a2
Malat1	Sec11c	Acp2	Pcna
Neat1	Lman1	Ddb2	Cds2
Frmd8	Ccbe1	Arfgap2	Gpcpd1
Dpf2	Gnal	1110051M20Rik	Shld1
Gm42067	Mppe1	Ckap5	Trmt6
Pola2	Afg3l2	Harbi1	Plcb1
Syvn1	Psmg2	Ambra1	Plcb4
Snx15	Ptpn2	Dgkz	Slx4ip
Ehd1	Seh1l	Phf21a	Tasp1
Map4k2	Fam210a	Mapk8ip1	Esf1
Sf1	Rnmt	Cry2	Macrod2
Rasgrp2	Tcf4	Prdm11	Kif16b
Prdx5	Ccdc68	Trp53i11	Snrpb2
Esrra	4930503L19Rik	Cd82	Pcsk2
Fermt3	Poli	Ext2	Dstn
Naa40	Mbd2	Alkbh3	Rrbp1
Mark2	Dcc	Hsd17b12	Snx5
Spindoc	Mex3c	Ttc17	Kat14
Rtn3	Smad4	Api5	Sec23b
Atl3	Me2	Traf6	Dtd1
Pla2g16	Mapk4	Commd9	Slc24a3
Slc3a2	Ska1	Ldlrad3	Ralgapa2
Snhg1	Cxxc1	Trim44	Kiz
Stx5a	Rpl17	Slc1a2	Xrn2
Nxf1	BC031181	Cd44	Syndig1
Tmem179b	Dym	Pdhx	Zfp120
Hnrnpul2	Smad7	Cat	3300002I08Rik
Ganab	Zbtb7c	Abtb2	Zfp442
B3gat3	Smad2	Nat10	Acss1
Eml3	Ier3ip1	Caprin1	Abhd12
Mta2	Pias2	Lmo2	Gins1
Tut1	Loxhd1	Fbxo3	Nanp
Eef1g	8030462N17Rik	Hipk3	Fkbp1a
Ahnak	Atp5a1	Cstf3	Psmf1

For Peer Review

Asrgl1	Slc14a1	Eif3m	Slc52a3
Gm9750	Adnp2	Them7	Csnk2a1
Incenp	Gm16286	Elp4	Tbc1d20
Fth1	Txnl4a	Immp1l	Rbck1
Fads2	Pqlc1	Dnajc24	H13
Fads1	Ctdp1	Mpped2	Bcl2l1
Fen1	Nfatc1	Arl14ep	Tpx2
Tmem258	Mbp	Mettl15	Pdrg1
Sdhaf2	Zfp236	Kif18a	Hck
Cpsf7	Tshz1	Lgr4	Tm9sf4
Ddb1	Zfp407	Slc12a6	Plagl2
Vps37c	Cndp2	Katnbl1	Pofut1
Slc15a3	Cyb5a	Emc7	Mapre1
Prpf19	Socs6	Aven	Snta1
Ms4a1	Tmx3	Arhgap11a	Cbfa2t2
Ms4a4c	Tesmin	Aqr	Pxmp4
Ms4a6c	Ppp6r3	Dph6	Chmp4b
BE692007	Lrp5	BC052040	Raly
Gm8369	1810055G02Rik	Spred1	a
Ms4a6b	Kmt5b	Fam98b	Eif2s2
Oosp1	Chka	Rasgrp1	Itch
Patl1	Tcirg1	Eif2ak4	Dynlrb1
Dtx4	Ndufs8	Srp14	Pigu
Fam111a	Unc93b1	Bub1b	Ncoa6
Zfp91	Ndufv1	Knstrn	Trpc4ap
Lpxn	Cdk2ap2	Bahd1	Edem2
Tle4	Pitpnm1	Knl1	Uqcc1
Psat1	Aip	Rad51	Cpne1
Cep78	Tmem134	Dnajc17	Nfs1
C130060C02Rik	Coro1b	Chac1	Rbm39
Gnaq	Ptprcap	Ino80	Phf20
Vps13a	Rps6kb2	Chp1	Aar2
Gcnt1	Tbc1d10c	Oip5	Dlgap4
Ostf1	Ppp1ca	Nusap1	Rab5if
Nmrk1	Clcf1	Rtf1	Sla2
Carnmt1	Pold4	Mga	Ndrg3
1110059E24Rik	Ankrd13d	Mapkbp1	Dsn1
Cemip2	Grk2	Vps39	Samhd1
Klf9	Kdm2a	Tmem87a	Rbl1
Smc5	Rce1	Ganc	Rpn2
Tjp2	Gm21992	Zfp106	Manbal
Fxn	Rbm4b	Snap23	Nnat
Pip5k1b	Rbm4	Ttbk2	Ctnnbl1
Dock8	Rbm14	Ubr1	Tti1
Smarca2	Zdhhc24	Tmem62	Rprd1b
Vldlr	Dpp3	Lcmt2	Ralgapb

For Peer Review

Pum3	Yif1a	Adal	Actr5
Rfx3	Rab1b	Zscan29	Ppp1r16b
Glis3	Pacs1	Tubgcp4	Fam83d
Slc1a1	Sf3b2	Trp53bp1	Dhx35
Cdc37l1	Banf1	Ppip5k1	Top1
Ak3	Eif1ad	Catsper2	Zhx3
Rcl1	AI837181	Pdia3	Chd6
Cd274	Cfl1	Serf2	Ptprt
Pdcd1lg2	Gm31166	Hypk	Srsf6
A930007I19Rik	Kat5	Wdr76	Mybl2
Ric1	Rela	Casc4	Oser1
Ermp1	Sipa1	Ctdspl2	Ttpal
Uhrf2	Pcnx3	Eif3j1	Serinc3
Prkg1	Ehbp1l1	Spg11	Pkig
Sgms1	Malat1	B2m	Ywhab
Minpp1	Neat1	Slc28a2	Tomm34
Atad1	Frmd8	Bloc1s6	Stk4
Pten	Dpf2	Myef2	Sdc4
Rnls	Pola2	Dut	Sys1
Lipo3	Capn1	Cep152	Pigt
Stambpl1	Syvn1	Secisbp2l	Dnttip1
Fas	Mrpl49	Cops2	Ube2c
Ifit2	Fau	Galk2	Acot8
Slc16a12	Cdca5	Atp8b4	Pcif1
Htr7	Sac3d1	Gabpb1	Zfp335
Pcgf5	Snx15	Usp8	Ncoa5
Tnks2	Ehd1	Trpm7	Cd40
Btaf1	Map4k2	Sppl2a	Cdh22
Cpeb3	Sf1	Ap4e1	Slc35c2
Ide	Rasgrp2	Ncaph	Eya2
Kif11	Nrxn2	Snrnp200	Zmynd8
Exoc6	Rps6ka4	Stard7	Ncoa3
Myof	Prdx5	Bub1	Prex1
Cep55	Esrra	Bcl2l11	Arfgef2
Ffar4	Gpr137	Anapc1	Cse1l
Fra10ac1	Fermt3	Tmem87b	Stau1
Noc3l	Stip1	Zc3h6	Ddx27
Hells	Macrod1	Polr1b	Znfx1
Cyp2c67	Otub1	Slc20a1	B4galt5
Pdlim1	Cox8a	Ckap2l	Slc9a8
Aldh18a1	Naa40	Snrpb	Spata2
Gm27042	Mark2	Tmc2	Rnf114
Tctn3	Spindoc	Nop56	Ube2v1
Entpd1	Rtn3	Ptpra	Tmem189
Ccnj	Atl3	Ubox5	Ptpn1
Zfp518a	Slc22a6	Ddrgk1	Adnp

For Peer Review

Blnk	Slc3a2	Itpa	Gm20716
Tm9sf3	Snhg1	Atrn	Dpm1
Pik3ap1	Nxf1	1700037H04Rik	Nfatc2
Lcor	Tmem223	Cdc25b	Zfp217
Arhgap19	Tmem179b	Mavs	Bcas1
Rrp12	Polr2g	Pank2	Aurka
Zdhhc16	Ttc9c	Rnf24	Cstf1
Mms19	Hnrnpul2	Smox	Rbm38
Pi4k2a	Bscl2	Rassf2	Zbp1
Zfyve27	Ubxn1	Slc23a2	Pmepa1
R3hcc1l	Lbhd1	Pcna	Rab22a
Pyroxd2	Ints5	Cds2	Vapb
Got1	Ganab	Prokr2	Stx16
Slc25a28	B3gat3	Gpcpd1	Npepl1
Entpd7	Eml3	Shld1	Gnas
Cox15	Mta2	Trmt6	Ctsz
Erlin1	Tut1	Tmx4	Prelid3b
Chuk	Eef1g	Plcb1	Gm14410
Cwf19l1	Ahnak	Plcb4	Cdh4
Bloc1s2	Asrgl1	Mkks	Taf4
Scd2	Gm9750	Slx4ip	Ss18l1
Scd1	Incenp	Tasp1	Osbpl2
Hif1an	Fth1	Esf1	Rbbp8nl
Slf2	Fads2	Ndufaf5	Dido1
Btrc	Fen1	Macrod2	Gid8
Mgea5	Tmem258	Kif16b	Ythdf1
Ldb1	Syt7	Snrpb2	Gmeb2
Pprc1	Sdhaf2	Pcsk2	Rtel1
Gbf1	Cpsf7	Dstn	Arfrp1
Actr1a	Tmem216	Rrbp1	Tpd52l2
Sufu	Tkfc	Snx5	Dnajc5
Arl3	Ddb1	Kat14	Tcea2
Wbp1l	Vps37c	Dtd1	Pcmtd2
Borcs7	Tmem109	Slc24a3	Hnf4g
Cnnm2	Prpf19	Crnkl1	Pex2
Nt5c2	Ccdc86	Cfap61	Pkia
Pcgf6	AW112010	Ralgapa2	Mrps28
Pdcd11	Ms4a1	Kiz	Tpd52
Sh3pxd2a	Ms4a7	Xrn2	Pag1
Stn1	Ms4a4c	Syndig1	Fabp12
Itprip	Ms4a6c	Zfp120	Impa1
Sorcs3	BE692007	3300002I08Rik	Lrrcc1
Xpnpep1	Gm8369	Apmap	E2f5
Add3	Ms4a6b	Acss1	Ythdf3
Mxi1	Patl1	Pygb	Armc1
Smc3	Pfpl	Abhd12	Pde7a

For Peer Review

Bbip1	Fam111a	Gins1	1700064H15Rik
Shoc2	Zfp91	Nanp	Hps3
Acsl5	Lpxn	Fkbp1a	Hltf
Zdhhc6	Tle4	Psmf1	Tbl1xr1
Vti1a	Psat1	Csnk2a1	Ect2
Casp7	Gnaq	Tbc1d20	Nceh1
Nhlrc2	Vps13a	Rbck1	Rpl22l1
Ccdc186	Gcnt1	H13	Egfem1
Ablim1	Pcsk5	Bcl2l1	Sec62
B230217O12Rik	Ostf1	Tpx2	Gpr160
Atrnl1	Carnmt1	Pdrg1	Phc3
Pdzd8	Zfand5	Tm9sf4	Skil
Rab11fip2	1110059E24Rik	Plagl2	Zmat3
Fam204a	Trpm3	Pofut1	Pik3ca
Cacul1	Smc5	Kif3b	Actl6a
Eif3a	Tjp2	Commd7	Ndufb5
Fam45a	Pip5k1b	Dnmt3b	Fxr1
Prdx3	Dock8	Mapre1	Atp11b
Grk5	Dmrt1	Cdk5rap1	Dcun1d1
Zfp950	Smarca2	Cbfa2t2	Mccc1
Fam171a1	Pum3	Pxmp4	Acad9
Nmt2	Rfx3	Chmp4b	Exosc9
Rpp38	Slc1a1	Raly	Ccna2
Dclre1c	4430402I18Rik	a	4932438A13Rik
Suv39h2	Cdc37l1	Eif2s2	Spata5
Hspa14	Ak3	Itch	Plk4
Gm45902	Rcl1	Pigu	Abhd18
Fam107b	Cd274	Ncoa6	Larp1b
Prpf18	A930007I19Rik	Acss2	Jade1
Sephs1	Ric1	Trpc4ap	Sclt1
Phyh	Ermp1	Edem2	Noct
Mcm10	Uhrf2	Uqcc1	Elf2
Optn	Sgms1	Cep250	Naa15
Camk1d	Minpp1	Cpne1	Setd7
Cdc123	Atad1	Nfs1	Mgst2
Nudt5	Pten	Rbm39	Maml3
Sec61a2	Lipo3	Phf20	Foxo1
Upf2	Stambpl1	Cnbd2	Cog6
Usp6nl	Ifit1	Aar2	Nhlrc3
Celf2	Pank1	Dlgap4	Proser1
Gm13211	Htr7	Ndrg3	Supt20
Gm13219	Pcgf5	Dsn1	Exosc8
Taf3	Tnks2	Soga1	Sohlh2
Atp5c1	Btaf1	Samhd1	Rnf13
Kin	Cpeb3	Rbl1	Tsc22d2
Pfkfb3	March5	Rpn2	Serp1

For Peer Review

Rbm17	Ide	Manbal	Eif2a
Il2ra	Kif11	Blcap	Selenot
Fbh1	Hhex	Ctnnbl1	Siah2
Ankrd16	Exoc6	Tti1	Gpr171
Mindy3	Cyp26a1	Rprd1b	Mbnl1
Pter	Cep55	Ralgapb	Dhx36
Rsu1	Ffar4	Ppp1r16b	Plch1
Trdmt1	Fra10ac1	Dhx35	Slc33a1
Vim	Tbc1d12	Top1	Gmps
St8sia6	Hells	Zhx3	Ssr3
Stam	Cyp2c67	Chd6	Tiparp
Nsun6	Cyp2c40	Mybl2	Lekr1
Arl5b	Cyp2c69	Oser1	Ccnl1
Malrd1	Aldh18a1	Ttpal	Rsrc1
Plxdc2	Entpd1	Serinc3	Gfm1
Nebl	Ccnj	Pkig	Ift80
A930004D18Rik	Zfp518a	Ywhab	Smc4
Mllt10	Blnk	Tomm34	Trim59
Dnajc1	Tm9sf3	Stk4	Kpna4
Bmi1	Pik3ap1	Sdc4	Ppm1l
Pip4k2a	Lcor	Pigt	Nmd3
Etl4	Slit1	Dnttip1	Pdcd10
Arhgap21	Arhgap19	Ube2c	Serpini1
Apbb1ip	Exosc1	Acot8	Golim4
Pdss1	Zdhhc16	Pcif1	Ctso
Abi1	Mms19	Ncoa5	Plrg1
Acbd5	Ubtd1	Cd40	Tmem131l
Mastl	R3hcc1l	Cdh22	Mnd1
Yme1l1	Pyroxd2	Slc35c2	Trim2
4931423N10Rik	Hps1	Elmo2	Arfip1
Nxph2	Hpse2	Zmynd8	Tmem154
Spopl	Got1	Ncoa3	Fbxw7
Psd4	Slc25a28	Prex1	Rps3a1
Cacna1b	Entpd7	Arfgef2	Lrba
Ehmt1	Cox15	Cse1l	Dclk2
Pnpla7	Dnmbp	Stau1	Fcrl1
Tor4a	Erlin1	Ddx27	Fcrl5
Nelfb	Chuk	B4galt5	Etv3
Ssna1	Cwf19l1	Slc9a8	Arhgef11
Anapc2	Scd2	Rnf114	Prcc
Traf2	Scd1	Ube2v1	Hdgf
Rabl6	Ndufb8	Ptpn1	Mrpl24
Camsap1	Hif1an	Adnp	Isg20l2
Ubac1	Pax2	Dpm1	Gpatch4
Gpsm1	Slf2	Nfatc2	Mef2d
Snapc4	Sfxn3	Zfp64	Tsacc

For Peer Review

Pmpca	Fbxw4	Bcas1	Cct3
Sec16a	Mgea5	Dok5	Glmp
Notch1	Ldb1	Aurka	Smg5
Surf6	Pprc1	Cstf1	Pmf1
Rpl7a	Gbf1	Rbm38	Ubqln4
Surf4	Nfkb2	Zbp1	Ssr2
Rexo4	Mfsd13a	Pmepa1	Arhgef2
Cacfd1	Actr1a	Rab22a	Khdc4
Slc2a6	Sufu	Vapb	Rit1
Fam163b	Trim8	Stx16	Gon4l
Vav2	Wbp1l	Npepl1	Fdps
Wdr5	Borcs7	Gnas	Clk2
Rxra	Nt5c2	Ctsz	Scamp3
Mrps2	Pcgf6	Prelid3b	Gba
Gtf3c5	Pdcd11	Cdh4	Mtx1
Gfi1b	Calhm2	Taf4	Krtcap2
Tsc1	Sh3pxd2a	Lsm14b	Dpm3
Gtf3c4	Stn1	Psma7	Shc1
Ddx31	Slk	Ss18l1	Pygo2
Ttf1	Cfap43	Osbpl2	Kcnn3
Med27	Gsto1	Adrm1	Adar
Rapgef1	Itprip	Rbbp8nl	Ube2q1
Urm1	Xpnpep1	Slco4a1	Il6ra
Odf2	Add3	Col9a3	Atp8b2
Gle1	Mxi1	Dido1	Ubap2l
Sptan1	Smndc1	Gmeb2	4933434E20Rik
Set	Mirt1	Rtel1	Tpm3
Spout1	Smc3	Zgpat	Rab13
Nup188	Pdcd4	Tpd52l2	Jtb
Ptpa	Shoc2	Dnajc5	Slc39a1
Ntmt1	Acsl5	Uckl1	Crtc2
Tor1a	Zdhhc6	Prpf6	Dennd4b
Usp20	Vti1a	Rgs19	Gatad2b
Fnbp1	Nrap	Pcmtd2	Chtop
Gpr107	Nhlrc2	Pex2	Pglyrp3
Ass1	Ablim1	Pkia	S100a11
Fubp3	Fam160b1	Mrps28	S100a10
Exosc2	Atrnl1	Tpd52	Snx27
Abl1	Shtn1	Pag1	Tuft1
Fibcd1	Pdzd8	Fabp5	Pogz
Lamc3	Fam204a	Fabp12	Pi4kb
Nup214	Cacul1	Impa1	Psmd4
Fam78a	Eif3a	Snx16	Pip5k1a
Prrc2b	Fam45a	Lrrcc1	Gabpb2
Pomt1	Prdx3	E2f5	Mllt11
Uck1	Grk5	Car13	Cdc42se1

For Peer Review

Swi5	Zfp950	Ythdf3	Anxa9
Golga2	Nmt2	Cyp7b1	Cers2
Dnm1	Dclre1c	Armc1	Setdb1
Slc25a25	Suv39h2	Mtfr1	Arnt
Fam102a	Hspa14	Pde7a	Ctss
Dpm2	Fam107b	Dnajc5b	Golph3l
Fpgs	Frmd4a	1700064H15Rik	Mcl1
Gm13524	Prpf18	Hps3	Tars2
Fam129b	Sephs1	Hltf	Rprd2
Rpl12	Mcm10	Tbl1xr1	Mrps21
Garnl3	Optn	Nlgn1	Anp32e
Ralgps1	Camk1d	Spata16	Vps45
Zbtb34	Cdc123	Ect2	Otud7b
Zbtb43	Nudt5	Nceh1	Sf3b4
Mvb12b	Sec61a2	Fndc3b	BC107364
Nron	Upf2	Tnik	Txnip
Pbx3	Usp6nl	Egfem1	Polr3gl
Mapkap1	Celf2	Mynn	Rbm8a
Gapvd1	Gm13219	Sec62	Pex11b
Hspa5	Taf3	Phc3	Rnf115
Rabepk	Atp5c1	Prkci	Gpr89
Fbxw2	Kin	Skil	Bcl9
Phf19	Sfmbt2	Mfn1	Chd1l
Traf1	Gm38171	Actl6a	Pde4dip
Cntrl	Pfkfb3	Ndufb5	Sec22b
Rab14	Rbm17	Fxr1	Notch2
Gsn	Il2ra	Atp11b	Phgdh
Stom	Fbh1	Dcun1d1	Wars2
Ggta1	Mindy3	Mccc1	Wdr3
Dab2ip	Rsu1	Acad9	Gdap2
Ttll11	Trdmt1	Ccna2	Tent5c
Ndufa8	Vim	4932438A13Rik	Man1a2
Mrrf	St8sia6	Spata5	Ttf2
Pdcl	Hacd1	Ankrd50	Atp1a1
Rc3h2	Stam	Plk4	Csde1
Rabgap1	Gm10848	Larp1b	Trim33
Strbp	Arl5b	Pgrmc2	Hipk1
Dennd1a	Malrd1	Jade1	Dclre1b
Lhx2	Plxdc2	Sclt1	Ptpn22
Psmb7	Mllt10	Slc7a11	Rsbn1
Nr6a1	Dnajc1	Noct	Phtf1
Arpc5l	Bmi1	Elf2	Magi3
Golga1	Gm20539	Naa15	Lrig2
Scai	Pip4k2a	Setd7	Slc16a1
Ppp6c	Etl4	Mgst2	Mov10
Kynu	Arhgap21	Maml3	Capza1

For Peer Review

Arhgap15	Apbb1ip	Foxo1	St7l
Gtdc1	Pdss1	Nhlrc3	Ddx20
Zeb2	Abi1	Ufm1	Rap1a
Acvr2a	Acbd5	Supt20	Atp5f1
Orc4	Yme1l1	Exosc8	Wdr77
Mbd5	Nxph2	Spg20	Cept1
Epc2	Spopl	Sohlh2	Dram2
Mmadhc	Psd4	Rnf13	Lrif1
Gm13483	Ehmt1	Tsc22d2	Cd53
Nmi	Arrdc1	Eif2a	Rbm15
Rif1	Zmynd19	Selenot	Gnai3
Arl5a	Pnpla7	Siah2	Atxn7l2
Stam2	Nelfb	Gpr171	Sars
Prpf40a	Tubb4b	Mbnl1	Taf13
Arl6ip6	Ssna1	Dhx36	Clcc1
4930555B11Rik	Anapc2	Mme	Gpsm2
Gpd2	Man1b1	Slc33a1	Stxbp3
Cytip	Traf2	Gmps	Prpf38b
Upp2	Rabl6	Ssr3	Vav3
Pkp4	Camsap1	Tiparp	Amy1
Tanc1	Ubac1	Lekr1	Col11a1
Baz2b	Nacc2	Ccnl1	S1pr1
March7	Snapc4	Veph1	Dph5
Ly75	Entr1	Rsrc1	Slc30a7
Rbms1	Pmpca	Gfm1	Cdc14a
Tank	Inpp5e	Mfsd1	Dbt
Psmd14	Sec16a	Ift80	Trmt13
Dpp4	Notch1	Smc4	Sass6
Ifih1	Surf6	Trim59	Mfsd14a
Gca	Med22	Kpna4	Gm43191
Fign	Rpl7a	Ppm1l	Slc35a3
Cobll1	Surf4	Nmd3	Frrs1
Ttc21b	Slc2a6	Pdcd10	Dpyd
Stk39	Fam163b	Serpini1	Ptbp2
Cers6	Vav2	Golim4	Tmem56
Ppig	Brd3	Fstl5	Alg14
Ccdc173	Wdr5	Rapgef2	Cnn3
Ssb	Mrps2	Ppid	Slc44a3
Ubr3	Gtf3c5	Ctso	Abcd3
Gorasp2	Gfi1b	Map9	Arhgap29
Tlk1	Tsc1	Plrg1	Bcar3
Mettl8	Ddx31	Tmem131l	1810037I17Rik
Dync1i2	Ttf1	Mnd1	Usp53
Slc25a12	Setx	Trim2	Sec24d
Hat1	Ntng2	Arfip1	Prss12
Metap1d	Med27	Tmem154	Camk2d

For Peer Review

Itga6	Rapgef1	Fbxw7	Ank2
Pdk1	Cercam	Gm37240	Zgrf1
Rapgef4	Odf2	Gatb	Ap1ar
Map3k20	Sptan1	Rps3a1	Elovl6
Cdca7	Set	Lrba	Sec24b
Sp3	Zdhhc12	Dclk2	Ostc
Ola1	Zer1	Cd1d1	Rpl34
Sp9	Tbc1d13	Fcrl1	Aimp1
Wipf1	Nup188	Fcrl5	Gstcd
Chn1	Ptpa	Etv3	Ppa2
Atf2	Ntmt1	Arhgef11	Tet2
Atp5g3	Tor1b	Prcc	Tacr3
Lnpk	Fnbp1	Hdgf	Slc9b2
Mtx2	Gpr107	Mrpl24	Cisd2
Hnrnpa3	Fubp3	Isg20l2	Ube2d3
Nfe2l2	Gm13427	Iqgap3	Manba
Agps	Abl1	Mef2d	Nfkb1
Rbm45	Fibcd1	Tsacc	Slc39a8
Plekha3	Nup214	Cct3	Bank1
Gm13944	Fam78a	Smg5	Ppp3ca
Cwc22	Prrc2b	Pmf1	Dapp1
Ube2e3	Swi5	Ubqln4	Metap1
Itga4	1110008P14Rik	Ssr2	Eif4e
Itprid2	Ptges2	Arhgef2	Tspan5
Dnajc10	Slc25a25	Khdc4	Rap1gds1
Nup35	Fam102a	Rit1	Bmpr1b
Zfp804a	Dpm2	Gon4l	Pdlim5
Zc3h15	Eng	Dap3	Gbp5
Itgav	Fpgs	Rusc1	Gbp3
Calcrl	Sh2d3c	Clk2	Gtf2b
Tfpi	Stxbp1	Gba	Pkn2
Ctnnd1	Gm13524	Krtcap2	Hs2st1
Zdhhc5	Fam129b	Slc50a1	Selenof
Timm10	Rpl12	Shc1	Sh3glb1
Slc43a3	Slc2a8	Pbxip1	Odf2l
Ssrp1	Garnl3	Pmvk	2410004B18Rik
Tnks1bp1	Ralgps1	Adar	Wdr63
Ptprj	Zbtb34	Il6ra	Mcoln2
Nup160	Zbtb43	Atp8b2	Gng5
Fnbp4	Mvb12b	Ubap2l	Rpf1
Celf1	Pbx3	Tpm3	Prkacb
Spi1	Mapkap1	Rps27	Gipc2
Madd	Gapvd1	Crtc2	Dnajb4
Gm13783	Hspa5	Dennd4b	Fubp1
Acp2	Fbxw2	Gatad2b	Miga1
Ddb2	Psmd5	Ints3	Zzz3

For Peer Review

Arfgap2	Phf19	Snapin	Pigk
1110051M20Rik	Traf1	Chtop	St6galnac3
Ckap5	Cntrl	Pglyrp3	Rabggtb
Harbi1	Rab14	Them4	Slc44a5
Ambra1	Gsn	Mrpl9	Tnni3k
Dgkz	Ggta1	Snx27	Zranb2
Phf21a	Ndufa8	Pogz	Ankrd13c
Mapk8ip1	Ptgs1	Psmb4	Srsf11
Cry2	Pdcl	Pi4kb	Lrrc40
Prdm11	Rc3h2	Zfp687	Lrrc7
Trp53i11	Zbtb6	Psmd4	Depdc1a
Cd82	Rabgap1	Pip5k1a	Wls
Ext2	Strbp	Tnfaip8l2	Tmem68
Alkbh3	Dennd1a	Gabpb2	Tgs1
Hsd17b12	Lhx2	Cdc42se1	Lyn
Ttc17	Psmb7	Prune1	Rps20
Api5	Nr6a1	Anxa9	Plag1
Traf6	Arpc5l	Setdb1	Chchd7
Commd9	Golga1	Arnt	Impad1
Ldlrad3	Scai	Ctss	Sdcbp
Trim44	Ppp6c	Golph3l	Nsmaf
Slc1a2	Kynu	Mcl1	Tox
Cd44	Arhgap15	Tars2	Rab2a
Pdhx	Gtdc1	Rprd2	Chd7
Cat	Zeb2	Anp32e	2610301B20Rik
Abtb2	Gm13481	Vps45	Plekhf2
Nat10	Orc4	Otud7b	Trp53inp1
Caprin1	Mbd5	BC107364	Ccne2
Lmo2	Epc2	Txnip	Ints8
Fbxo3	Mmadhc	Rbm8a	Dpy19l4
Hipk3	Nmi	Pex11b	Virma
Cstf3	Rif1	Polr3c	Rad54b
Eif3m	Arl5a	Rnf115	Cdh17
Them7	Stam2	Gpr89	Rbm12b2
Elp4	Fmnl2	Chd1l	Rbm12b1
Immp1l	Prpf40a	Prkab2	Triqk
Dnajc24	Arl6ip6	Pde4dip	Pip4p2
Mpped2	Kcnj3	Sec22b	Tmem64
Arl14ep	BB557941	Notch2	Ripk2
Mettl15	4930555B11Rik	Phgdh	Cpne3
Kif18a	Gpd2	Wars2	Gm12353
Lin7c	Cytip	Wdr3	Wwp1
Lgr4	Acvr1c	Gdap2	Nkain3
Nop10	Ccdc148	Tent5c	Ccnc
Slc12a6	Pkp4	Man1a2	Usp45
Katnbl1	Tanc1	Ttf2	Pnisr

For Peer Review

Emc7	Baz2b	Cd2	Coq3
Aven	March7	Atp1a1	Fbxl4
Arhgap11a	Rbms1	Tspan2	Mms22l
Aqr	Tank	Csde1	Klhl32
Dph6	Psmd14	Nras	Ufl1
BC052040	Tbr1	Trim33	Manea
Spred1	Dpp4	Olfml3	Map3k7
Fam98b	Ifih1	Hipk1	Bach2
Rasgrp1	Gca	Dclre1b	Casp8ap2
Eif2ak4	Fign	Ap4b1	Ankrd6
Srp14	Cobll1	Ptpn22	Ube2j1
Bub1b	Gm13594	Rsbn1	Rngtt
Knstrn	Stk39	Phtf1	Akirin2
Ivd	Cers6	Magi3	Orc3
Bahd1	Spc25	Lrig2	Rars2
Rpusd2	Ppig	Slc16a1	Slc35a1
Knl1	Ssb	Capza1	Zfp292
Rad51	Mettl5	St7l	Mob3b
Dnajc17	Ubr3	Ddx20	C9orf72
Chac1	Gorasp2	Rap1a	Lingo2
Ino80	Tlk1	Atp5f1	Ddx58
Chp1	Mettl8	Wdr77	Topors
1700020I14Rik	Dcaf17	Dennd2d	Aptx
Oip5	Dync1i2	Cept1	Dnaja1
Nusap1	Slc25a12	Dram2	B4galt1
Rtf1	Hat1	Lrif1	Chmp5
Mga	Metap1d	Cd53	Nfx1
Mapkbp1	Itga6	Ahcyl1	Nol6
Ehd4	Pdk1	Gnai3	Ube2r2
Vps39	Rapgef4	Psma5	Ubap2
Tmem87a	Map3k20	Sars	Dcaf12
Ganc	Cdca7	Taf13	Ubap1
Zfp106	Sp3	Wdr47	Kif24
Snap23	Ola1	Clcc1	Fam219a
Lrrc57	Cir1	Stxbp3	Cntfr
Ttbk2	Wipf1	Prpf38b	Sigmar1
Ubr1	Atf2	Fam102b	Vcp
Tmem62	Atp5g3	Vav3	Pigo
Lcmt2	Lnpk	Ntng1	Rusc2
Adal	Mtx2	Amy1	Cd72
Zscan29	Hnrnpa3	Rnpc3	Car9
Tubgcp4	Agps	S1pr1	Tln1
Trp53bp1	Rbm45	Dph5	Rgp1
Ppip5k1	Fkbp7	Slc30a7	Clta
Catsper2	Plekha3	Cdc14a	Rnf38
Pdia3	Ccdc141	Rtca	Melk

For Peer Review

Serf2	Zfp385b	Dbt	Pax5
Hypk	Cwc22	Trmt13	Zcchc7
Mfap1b	4930440I19Rik	Sass6	Zbtb5
Wdr76	Ube2e3	Mfsd14a	Polr1e
Casc4	Itga4	Gm43191	Exosc3
Ctdspl2	Cerkl	Slc35a3	Dcaf10
Eif3j1	Itprid2	Frrs1	Slc25a51
Spg11	Dnajc10	Dpyd	Shb
B2m	Zc3h15	Ptbp2	Tstd2
Slc28a2	Itgav	Tmem56	Ncbp1
Bloc1s6	Calcrl	Alg14	Anp32b
Sema6d	Ctnnd1	Cnn3	Nans
Myef2	Med19	Abcd3	Trim14
Dut	Zdhhc5	Abca4	Coro2a
Cep152	Ube2l6	Bcar3	Galnt12
Secisbp2l	Slc43a3	Usp53	Tgfbr1
Cops2	Ssrp1	Sec24d	Sec61b
Galk2	Tnks1bp1	Mettl14	Erp44
Atp8b4	Ptprj	Camk2d	Invs
Gabpb1	Nup160	Zgrf1	Tex10
Usp8	Fnbp4	Ap1ar	Rnf20
Trpm7	Mtch2	Fam241a	Smc2
Sppl2a	Ndufs3	Elovl6	Fsd1l
Ap4e1	Celf1	Casp6	Rad23b
Ncaph	Psmc3	Sec24b	Elp1
Itpripl1	Slc39a13	Ostc	Palm2
Snrnp200	Spi1	Rpl34	Akap2
Stard7	Madd	Lef1	Txn1
Dusp2	Acp2	Papss1	Svep1
Bub1	Ddb2	Aimp1	Ecpas
Bcl2l11	Arfgap2	Gstcd	Dnajc25
Gm14005	1110051M20Rik	Ppa2	Gng10
Anapc1	Ckap5	Tet2	Ugcg
Tmem87b	Arhgap1	Cenpe	Susd1
Zc3h6	Atg13	Cisd2	Ptbp3
Polr1b	Ambra1	Ube2d3	Hsdl2
Slc20a1	Dgkz	Manba	E130308A19Rik
Ckap2l	Phf21a	Nfkb1	Inip
Stk35	Large2	Slc39a8	Snx30
Snrpb	Mapk8ip1	Bank1	Slc31a2
Tmc2	Slc35c1	Ppp3ca	Fkbp15
Nop56	Trp53i11	Lamtor3	Slc31a1
Ptpra	Cd82	Dapp1	Cdc26
Ubox5	Ext2	Adh5	Prpf4
Ddrgk1	Hsd17b12	Metap1	Rgs3
Itpa	Ttc17	Eif4e	Tmem268

For Peer Review

A730017L22Rik	Api5	Tspan5	Cdk5rap2
Atrn	Lrrc4c	Rap1gds1	Tle1
1700037H04Rik	Traf6	Pdlim5	Frmd3
Cdc25b	Prr5l	Gbp3	Kdm4c
Mavs	Trim44	Kyat3	Ptprd
Pank2	Slc1a2	Gtf2b	Nfib
Rnf24	Cd44	Pkn2	Zdhhc21
Smox	Pdhx	Hs2st1	Frem1
Rassf2	Ehf	Selenof	Ttc39b
Slc23a2	BC016548	Sh3glb1	Snapc3
Pcna	Cat	Odf2l	Psip1
Cds2	Abtb2	Znhit6	Ccdc171
Prokr2	Caprin1	Bcl10	Sh3gl2
Gpcpd1	Lmo2	2410004B18Rik	Haus6
Shld1	Fbxo3	Mcoln2	Mllt3
Trmt6	Hipk3	Rpf1	Focad
Tmx4	Cstf3	Prkacb	Mtap
Plcb1	Eif3m	Adgrl2	Caap1
Plcb4	Them7	Dnajb4	Plaa
Mkks	Rcn1	Fubp1	Mysm1
Slx4ip	Elp4	Miga1	Fggy
Tasp1	Immp1l	Usp33	Tm2d1
Esf1	Dnajc24	Zzz3	Usp1
Ndufaf5	Arl14ep	Pigk	Atg4c
Macrod2	Mettl15	St6galnac3	Alg6
Kif16b	Kif18a	Rabggtb	Itgb3bp
Snrpb2	Lin7c	Acadm	Pgm1
Pcsk2	Lgr4	Slc44a5	Jak1
Dstn	Ccdc34	Tnni3k	Ak4
Rrbp1	Lpcat4	Zranb2	Pde4b
Snx5	Nop10	Cth	Wdr78
Kat14	Slc12a6	Ankrd13c	Mier1
Dtd1	Emc4	Srsf11	Slc35d1
Slc24a3	Katnbl1	Lrrc40	Dab1
Naa20	Emc7	Depdc1a	Dhcr24
Crnkl1	Aven	Tmem68	Ssbp3
Cfap61	Scg5	Tgs1	Mrpl37
Ralgapa2	Arhgap11a	Lyn	Tmem59
Kiz	Aqr	Rps20	Yipf1
Xrn2	Dph6	Plag1	Ndc1
Pax1	BC052040	Impad1	Magoh
Cd93	Spred1	Sdcbp	Scp2
Syndig1	Fam98b	Nsmaf	Zyg11b
Zfp120	Rasgrp1	Tox	Tut4
3300002I08Rik	Fsip1	Rab2a	Prpf38a
Apmap	Eif2ak4	Chd7	Orc1

For Peer Review

Acss1	Srp14	Plekhf2	Btf3l4
Pygb	Bmf	Trp53inp1	Txndc12
Abhd12	Bub1b	Ccne2	Nrd1
Gins1	Plcb2	Ints8	Osbpl9
Nanp	Knstrn	Dpy19l4	Eps15
Fkbp1a	Ivd	Virma	Cdkn2c
Psmf1	Bahd1	Rad54b	Faf1
Csnk2a1	Ccdc32	Gem	Agbl4
Tbc1d20	Rpusd2	Pdp1	Spata6
Rbck1	Knl1	Tmem67	Skint7
Sox12	Rad51	Rbm12b2	Cmpk1
H13	Rmdn3	Nbn	Stil
Bcl2l1	Dnajc17	Osgin2	Atpaf1
Tpx2	Chac1	Ripk2	Mknk1
Dusp15	Ino80	Wwp1	Nsun4
Pdrg1	Chp1	Ccnc	Uqcrh
Tm9sf4	1700020I14Rik	Tstd3	Lrrc41
Plagl2	Oip5	Usp45	Rad54l
Pofut1	Nusap1	Pnisr	Mast2
Kif3b	Rtf1	Fbxl4	Ipp
Commd7	Rpap1	Mms22l	Tmem69
Dnmt3b	Mga	Klhl32	Gpbp1l1
Mapre1	Ehd4	Ufl1	Nasp
Cdk5rap1	Vps39	Manea	Akr1a1
Cbfa2t2	Tmem87a	Map3k7	Prdx1
Pxmp4	Ganc	Bach2	Ccdc163
Chmp4b	Zfp106	Casp8ap2	Tesk2
Raly	Snap23	Ankrd6	Eif2b3
a	Cdan1	Ube2j1	Rps8
Eif2s2	Ttbk2	Rngtt	Eri3
Itch	Ubr1	Akirin2	Dmap1
Pigu	Tmem62	Orc3	Atp6v0b
Ncoa6	Ccndbp1	Rars2	Dph2
Acss2	Zscan29	Slc35a1	Ipo13
Trpc4ap	Tubgcp4	Zfp292	St3gal3
Edem2	Trp53bp1	Mob3b	Kdm4a
Uqcc1	Pdia3	C9orf72	Szt2
Cep250	Serf2	Aco1	Elovl1
Cpne1	Hypk	Ddx58	Cdc20
Rbm12	Mfap1b	Topors	Slc2a1
Nfs1	Mfap1a	Aptx	Ybx1
Rbm39	Wdr76	Dnaja1	Ppih
Phf20	Frmd5	Smu1	Foxj3
Cnbd2	Ctdspl2	B4galt1	Hivep3
Aar2	Eif3j1	Nfx1	Scmh1
Dlgap4	Spg11	Ube2r2	Ctps

For Peer Review

Ndrg3	B2m	Ubap2	Nfyc
Dsn1	Slc28a2	Ubap1	Zfp69
Soga1	Gatm	Kif24	Smap2
Samhd1	Bloc1s6	Nudt2	Zmpste24
Rbl1	Sema6d	Fam219a	Ppt1
Rpn2	Myef2	Cntfr	Cap1
Manbal	Dut	Dctn3	Mfsd2a
Blcap	Cep152	Vcp	Trit1
Ctnnbl1	Secisbp2l	Unc13b	Pabpc4
Tti1	Cops2	Rusc2	Macf1
Rprd1b	Galk2	Cd72	Akirin1
Snhg17	Gabpb1	Tln1	Rragc
Ralgapb	Usp8	Gba2	Inpp5b
Gm14205	Trpm7	Rgp1	Rspo1
Ppp1r16b	Sppl2a	Clta	Gnl2
Fam83d	Ap4e1	Gne	Meaf6
Dhx35	Blvra	Rnf38	Zc3h12a
Top1	Ncaph	Melk	Mrps15
Zhx3	Itpripl1	Pax5	Stk40
Chd6	Snrnp200	Zcchc7	Thrap3
Srsf6	Tmem127	Zbtb5	Map7d1
Mybl2	Stard7	Polr1e	Tekt2
Oser1	Mrps5	Fbxo10	Ago3
Hnf4a	Bub1	Exosc3	Ago1
Ttpal	Bcl2l11	Tstd2	Psmb2
Serinc3	Gm14005	Ncbp1	AU040320
Pkig	Anapc1	Xpa	Zmym4
Ywhab	Zc3h6	Anp32b	Sfpq
Tomm34	Polr1b	Trim14	Zmym1
Stk4	Slc20a1	Coro2a	Phc2
Sdc4	Gm14024	Galnt12	Zfp362
Pigt	Ckap2l	Tgfbr1	Ak2
Dnttip1	Sirpa	Sec61b	S100pbp
Ube2c	Stk35	Stx17	Yars
Acot8	Snrpb	Erp44	Rbbp4
Pcif1	Nop56	Invs	Bsdc1
Ncoa5	Idh3b	Tex10	Hdac1
Cd40	Pced1a	Plppr1	Tmem234
Cdh22	Vps16	Mrpl50	Kpna6
Slc35c2	Ptpra	Zfp189	Tmem39b
Elmo2	Ubox5	Rnf20	Khdrbs1
Zmynd8	Itpa	Smc2	Snrnp40
Ncoa3	Atrn	Abca1	Pum1
Gm14268	Spef1	Slc44a1	Laptm5
Prex1	Cdc25b	Rad23b	Mecr
Arfgef2	Mavs	Elp1	Srsf4

For Peer Review

Cse1l	Pank2	Ctnnal1	Epb41
Stau1	Rnf24	Akap2	Ythdf2
Ddx27	Adra1d	Ecpas	Gmeb1
Zfas1	Rassf2	Ugcg	Taf12
B4galt5	Slc23a2	Susd1	Rcc1
Slc9a8	Gm14051	Ptbp3	Phactr4
Rnf114	Pcna	E130308A19Rik	Sesn2
Ube2v1	Cds2	Inip	Dnajc8
Gm14321	Gpcpd1	Snx30	Eya3
Ptpn1	Shld1	Slc31a2	Themis2
Gm14236	Trmt6	Fkbp15	Ppp1r8
Adnp	Crls1	Cdc26	Stx12
Dpm1	Tmx4	Prpf4	Fgr
Nfatc2	Plcb1	Bspry	Ahdc1
Zfp64	Plcb4	Whrn	Wasf2
Bcas1	Lamp5	Tmem268	Wdtc1
Dok5	Slx4ip	Tlr4	Slc9a1
Aurka	Gm14064	Brinp1	Gpn2
Cstf1	Btbd3	Cdk5rap2	Zdhhc18
Rtf2	Tasp1	Megf9	Pigv
Rbm38	Esf1	Kdm4c	Arid1a
Zbp1	Macrod2	Nfib	Rps6ka1
Pmepa1	Kif16b	Zdhhc21	Dhdds
Ppp4r1l-ps	Snrpb2	Ttc39b	Cd52
Rab22a	Pcsk2os1	Snapc3	Ubxn11
Vapb	Pcsk2	Psip1	Sh3bgrl3
Stx16	Dstn	Ccdc171	Cep85
Npepl1	Rrbp1	Bnc2	Mtfr1l
Nespas	Snx5	Cntln	Man1c1
Gnas	Kat14	Haus6	Ldlrap1
Ctsz	Zfp133-ps	Dennd4c	Maco1
Prelid3b	Polr3f	Slc24a2	Rhd
Cdh4	Sec23b	Mllt3	Tmem50a
Taf4	Dtd1	Focad	Rsrp1
Lsm14b	Slc24a3	Mtap	Runx3
Psma7	Ralgapa2	Caap1	Clic4
Ss18l1	Kiz	Plaa	Srrm1
Osbpl2	Xrn2	Tek	Srsf10
Adrm1	9030622O22Rik	Mysm1	Cnr2
Rbbp8nl	Cd93	Hook1	Pithd1
Slco4a1	Gzf1	Nfia	Eloa
Col9a3	Syndig1	Tm2d1	Rpl11
Dido1	Zfp120	Patj	E2f2
Gid8	3300002I08Rik	L1td1	Hnrnpr
Ythdf1	Zfp442	Usp1	Kdm1a
Helz2	Apmap	Atg4c	Epha8

For Peer Review

Gmeb2	Acss1	Alg6	Zbtb40
Rtel1	Abhd12	Itgb3bp	Cdc42
Zgpat	Gins1	Pgm1	Usp48
Tpd52l2	Nanp	Jak1	Alpl
Dnajc5	Nsfl1c	Pde4b	Ece1
Uckl1	Fkbp1a	Wdr78	Eif4g3
Samd10	Psmf1	Mier1	Hp1bp3
Prpf6	Slc52a3	Slc35d1	Ddost
Rgs19	Csnk2a1	Oma1	Camk2n1
Pcmtd2	Tbc1d20	Dab1	Otud3
Pex2	Rbck1	Dhcr24	Tmco4
Pkia	Sox12	Acot11	Minos1
Mrps28	H13	Ssbp3	Capzb
Tpd52	Bcl2l1	Mrpl37	Emc1
Pag1	Tpx2	Tceanc2	Ubr4
Fabp5	Dusp15	Tmem59	Rcc2
Fabp12	Pdrg1	Yipf1	Sdhb
Impa1	Hck	Ndc1	Crocc
Snx16	Tm9sf4	Magoh	Szrd1
Ralyl	Plagl2	Cpt2	Fbxo42
Lrrcc1	Pofut1	Scp2	Zbtb17
E2f5	Kif3b	Zyg11b	Ddi2
Car13	Mapre1	Tut4	Casp9
Ythdf3	Snta1	Prpf38a	Efhd2
Cyp7b1	Cbfa2t2	Orc1	Kazn
Armc1	Pxmp4	Txndc12	Vps13d
Mtfr1	Chmp4b	Nrd1	Tnfrsf1b
Pde7a	Raly	Osbpl9	Zfp991
Dnajc5b	a	Eps15	Zfp984
1700064H15Rik	Eif2s2	Cdkn2c	Zfp933
Hps3	Itch	Faf1	Miip
Hltf	Dynlrb1	Agbl4	2510039O18Rik
Tbl1xr1	Pigu	Spata6	Clcn6
Nlgn1	Trp53inp2	Skint5	Mtor
Spata16	Ncoa6	Cmpk1	Exosc10
Ect2	Trpc4ap	Stil	Srm
Nceh1	Edem2	Efcab14	Tardbp
Fndc3b	BC029722	Atpaf1	Casz1
Tnik	Eif6	Mknk1	Pex14
Egfem1	Uqcc1	Faah	Pgd
Mynn	Cpne1	Rad54l	Ube4b
Sec62	Rbm12	Mast2	Lzic
Phc3	Nfs1	Ipp	Pik3cd
Prkci	Romo1	Tmem69	Gpr157
Skil	Rbm39	Gpbp1l1	Eno1
Pik3ca	Phf20	Ccdc17	Rere

For Peer Review

Mfn1	Aar2	Nasp	Camta1
Actl6a	Dlgap4	Akr1a1	Dnajc11
Ndufb5	Rab5if	Prdx1	Phf13
Ttc14	Sla2	Tesk2	Nol9
Fxr1	Ndrg3	Eif2b3	Rpl22
Atp11b	Dsn1	Rps8	Chd5
Dcun1d1	Samhd1	Kif2c	Kcnab2
Gm15952	Rbl1	Eri3	Nphp4
Mccc1	Rpn2	Slc6a9	Dffb
Acad9	Manbal	Ipo13	Mmel1
Anxa5	Blcap	St3gal3	Tnfrsf14
Ccna2	Nnat	Kdm4a	Plch2
4932438A13Rik	Ctnnbl1	Szt2	Rer1
Spata5	Tti1	Cdc20	Ski
Ankrd50	Rprd1b	Slc2a1	Gnb1
Plk4	Snhg17	Ybx1	Nadk
Larp1b	Ralgapb	Ppih	Slc35e2
Pgrmc2	Gm14205	Foxj3	Cdk11b
Jade1	Actr5	Hivep3	Mib2
Sclt1	Ppp1r16b	Scmh1	Ssu72
Slc7a11	Fam83d	Slfnl1	Atad3a
Noct	Dhx35	Ctps	Mrpl20
Elf2	Top1	Nfyc	Ccnl2
Naa15	Zhx3	Rims3	Ints11
Setd7	Chd6	Smap2	Ube2j2
Mgst2	Ptprt	Zmpste24	Sdf4
Maml3	Srsf6	Ppt1	Noc2l
Gm30074	Mybl2	Cap1	Cdk6
Foxo1	Oser1	Trit1	Fam133b
Nhlrc3	Ttpal	Pabpc4	1700109H08Rik
Ufm1	Serinc3	Macf1	Gatad1
Supt20	Pkig	Ndufs5	Ankib1
Exosc8	Ywhab	Akirin1	Krit1
Spg20	Tomm34	Rragc	Akap9
Sohlh2	Stk4	Utp11	Cyp51
Rnf13	Slpi	Sf3a3	Cdk14
Tsc22d2	Sdc4	Inpp5b	Gtpbp10
Serp1	Sys1	Mtf1	Sri
Eif2a	Pigt	1110065P20Rik	Adam22
Selenot	Dnttip1	Cdca8	Dbf4
Siah2	Ube2c	Rspo1	Slc25a40
Gpr171	Acot8	Gnl2	Rundc3b
Mbnl1	Zswim1	Zc3h12a	Abcb1b
Dhx36	Pcif1	Stk40	Crot
Mme	Zfp335	Thrap3	Tmem243
Slc33a1	Ncoa5	Trappc3	Dmtf1

For Peer Review

Gmps	Cd40	Col8a2	Hgf
Gm26939	Cdh22	Adprhl2	Cd36
Ssr3	Slc35c2	Tekt2	Magi2
Tiparp	Elmo2	Ago3	Phtf2
Lekr1	Zfp334	Ago1	Rsbn1l
Ccnl1	Eya2	Ago4	Ptpn12
Veph1	Zmynd8	Psmb2	Ccdc146
Rsrc1	Ncoa3	Ncdn	Fam185a
Gfm1	Prex1	AU040320	Napepld
Mfsd1	Arfgef2	Zmym4	Pmpcb
Ift80	Cse1l	Sfpq	Dnajc2
Smc4	Stau1	Zmym1	Psmc2
Trim59	Ddx27	Zscan20	Orc5
Kpna4	Znfx1	Phc2	Kmt2e
Ppm1l	Zfas1	Ak2	Srpk2
Nmd3	B4galt5	S100pbp	Pus7
Pdcd10	Slc9a8	Yars	Rint1
Serpini1	Spata2	Rbbp4	Fam126a
Golim4	Rnf114	Zbtb8os	Klhl7
Fstl5	Ube2v1	Bsdc1	Slc4a2
Rapgef2	Tmem189	Hdac1	Agap3
Ppid	Gm14321	Tmem234	Abcf2
4930579G24Rik	Ptpn1	Txlna	Nub1
Tmem144	Gm14236	Tmem39b	Rheb
Ctso	Pard6b	Khdrbs1	Galnt11
Map9	Adnp	Pef1	Kmt2c
Plrg1	Gm20716	Zcchc17	Xrcc2
Tmem131l	Dpm1	Snrnp40	Dpp6
Mnd1	Nfatc2	Pum1	Paxip1
Trim2	Zfp217	Laptm5	Insig1
Arfip1	Bcas1	Mecr	Rbm33
Tmem154	Pfdn4	Srsf4	Nom1
Fbxw7	Aurka	Epb41	Ube3c
Gm37240	Cstf1	Ythdf2	Dnajb6
Gatb	Rtf2	Gmeb1	Tyms
Rps3a1	Rbm38	Taf12	Hadha
Lrba	Zbp1	Trnau1ap	Hadhb
Dclk2	Pmepa1	Rcc1	Selenoi
Cd1d1	Ppp4r1l-ps	Med18	Cenpa
Fcrl1	Rab22a	Sesn2	Tmem214
Fcrl5	Vapb	Dnajc8	Ost4
Etv3	Stx16	Eya3	Preb
Arhgef11	Npepl1	Ppp1r8	Cad
Prcc	Gnas	Stx12	Slc30a3
Hdgf	Ctsz	Fgr	Gtf3c2
Mrpl24	Prelid3b	Ahdc1	Snx17

For Peer Review

Isg20l2	Gm14410	Wasf2	Ppm1g
Iqgap3	Cdh4	Tmem222	Gckr
Mef2d	Taf4	Wdtc1	Zfp512
Gm3764	Lsm14b	Slc9a1	Gpn1
Tsacc	Ss18l1	Nudc	Slc4a1ap
Cct3	Osbpl2	Zdhhc18	Rbks
Smg5	Rps21	Pigv	Babam2
Pmf1	Rbbp8nl	Arid1a	Ppp1cb
Slc25a44	Ogfr	Rps6ka1	Pisd
Ubqln4	Dido1	Dhdds	Depdc5
Ssr2	Gid8	Cd52	Ywhah
Arhgef2	Ythdf1	Ubxn11	Ctbp1
Khdc4	Helz2	Cep85	Maea
Rit1	Gmeb2	Stmn1	Fam53a
Gon4l	Rtel1	Ldlrap1	Slbp
Dap3	Arfrp1	Rsrp1	Tacc3
Ash1l	Tpd52l2	Runx3	Letm1
Rusc1	Dnajc5	Clic4	Nsd2
Clk2	Zfp512b	Srrm1	Nelfa
Gba	Samd10	Rcan3	Poln
Krtcap2	Tcea2	Srsf10	Rnf4
Slc50a1	Pcmtd2	Fuca1	Fam193a
Gm15998	Hnf4g	Hmgcl	Sh3bp2
Shc1	Pex2	Lypla2	Add1
Pygo2	Pkia	Pithd1	Mfsd10
Pbxip1	Zc2hc1a	Eloa	Nop14
Pmvk	Mrps28	Rpl11	Grk4
Adar	Tpd52	E2f2	Htt
Il6ra	Pag1	Hnrnpr	Rgs12
Atp8b2	Fabp12	Kdm1a	Sorcs2
Ubap2l	Impa1	Epha8	Tbc1d14
Tpm3	Lrrcc1	Zbtb40	D5Ertd579e
Rps27	E2f5	Cdc42	Man2b2
Crtc2	Ythdf3	Usp48	Jakmip1
Dennd4b	Armc1	Alpl	Stx18
Gatad2b	Mtfr1	Ece1	Lyar
Ints3	Pde7a	Eif4g3	Tmem128
Snapin	1700064H15Rik	Hp1bp3	Slc2a9
Chtop	Hps3	Camk2n1	Wdr1
Pglyrp3	Hltf	Tmco4	Rab28
Them4	Tbl1xr1	Htr6	Fbxl5
Mrpl9	Ect2	Minos1	Cd38
Snx27	Nceh1	Capzb	Qdpr
Pogz	Eif5a2	Emc1	Lcorl
Psmb4	Rpl22l1	Ubr4	5730480H06Rik
Rfx5	Egfem1	Igsf21	Dhx15

For Peer Review

Pi4kb	Sec62	Rcc2	Sepsecs
A730011C13Rik	Gpr160	Sdhb	Zcchc4
Zfp687	Phc3	Atp13a2	Anapc4
Psmd4	Skil	Crocc	Rbpj
Pip5k1a	Zmat3	Szrd1	Tbc1d19
Tnfaip8l2	Pik3ca	Fbxo42	Stim2
Gabpb2	Mfn1	Zbtb17	Pcdh7
Cdc42se1	Actl6a	Plekhm2	Arap2
Prune1	Ndufb5	Ddi2	Pgm2
Anxa9	Gm43666	Dnajc16	Tbc1d1
Cers2	Ttc14	Casp9	Klf3
Setdb1	Fxr1	Efhd2	Tlr1
Arnt	Gm3143	Prdm2	Klhl5
Ctss	Gm38509	Vps13d	Rfc1
Golph3l	Atp11b	Tnfrsf1b	Smim14
Ensa	Dcun1d1	Zfp991	Ube2k
Mcl1	Gm15952	Zfp984	Pds5a
Tars2	Mccc1	Zfp933	N4bp2
Rprd2	Acad9	Miip	Rhoh
Anp32e	Exosc9	Mfn2	Rbm47
Vps45	Ccna2	2510039O18Rik	Tmem33
Otud7b	4932438A13Rik	Clcn6	Slc30a9
Sf3b4	Spata5	Mad2l2	Atp8a1
Gm42743	Plk4	Mtor	Gabrb1
Platr30	Abhd18	Casz1	Commd8
Gm17575	Larp1b	Pex14	Atp10d
BC107364	Pgrmc2	Dffa	Corin
Txnip	Jade1	Ube4b	Nfxl1
Rbm8a	Sclt1	Lzic	Tec
Pex11b	Noct	Clstn1	Slain2
Polr3c	Elf2	Pik3cd	Fryl
Rnf115	Naa15	Eno1	Ociad1
Gpr89	Rab33b	Rere	Usp46
Bcl9	Setd7	Park7	Scfd2
Chd1l	Mgst2	Camta1	Fip1l1
Prkab2	Maml3	Dnajc11	Lnx1
Pde4dip	Foxo1	Nol9	Chic2
Sec22b	Cog6	Gpr153	Pdgfra
Notch2	Nhlrc3	Chd5	Srd5a3
Phgdh	Proser1	Kcnab2	Tmem165
Wars2	Supt20	Nphp4	Clock
Wdr3	Exosc8	Lrrc47	Exoc1
Gdap2	Spg20	Trp73	C530008M17Rik
Tent5c	Sohlh2	Wrap73	Ppat
Man1a2	Commd2	Ttc34	Srp72
Ttf2	Rnf13	Mmel1	Polr2b

For Peer Review

Cd2	Tsc22d2	Tnfrsf14	Adgrl3
Atp1a1	Serp1	Pank4	Cenpc1
Tspan2	Eif2a	Plch2	Stap1
Csde1	Selenot	Morn1	Uba6
Nras	Siah2	Ski	Jchain
Trim33	Gpr171	Gnb1	Rufy3
Olfml3	Mbnl1	Nadk	Grsf1
Hipk1	Dhx36	Slc35e2	Mob1b
Dclre1b	Plch1	Cdk11b	Dck
Ap4b1	Slc33a1	Ssu72	Adamts3
Ptpn22	Gmps	Atad3a	Mthfd2l
Rsbn1	Gm26939	Ccnl2	G3bp2
Phtf1	Ssr3	Acap3	Uso1
Magi3	Tiparp	Ube2j2	Sdad1
Lrig2	Lekr1	Sdf4	Nup54
Slc16a1	Ccnl1	Plekhn1	Sept11
Capza1	Rsrc1	Cdk6	Ccni
St7l	Gfm1	Fam133b	Cnot6l
Wnt2b	Mfsd1	1700109H08Rik	Mrpl1
Ddx20	Ift80	Pex1	Bmp2k
Rap1a	Smc4	Ankib1	Cfap299
Atp5f1	Trim59	Krit1	Hnrnpd
Wdr77	Kpna4	Akap9	Hnrnpdl
Dennd2d	Ppm1l	Cyp51	Enoph1
Cept1	Nmd3	Cdk14	Sec31a
Dram2	Pdcd10	Gtpbp10	Lin54
Lrif1	Serpini1	Sri	Cops4
Cd53	Golim4	Adam22	Plac8
Gm27008	Rapgef2	Dbf4	Coq2
AI504432	4930579G24Rik	Slc25a40	Hpse
Ahcyl1	Ctso	Abcb1b	Arhgap24
Ampd2	Plrg1	Crot	Mapk10
Gnai3	Tmem131l	Tmem243	Aff1
Psma5	Mnd1	Dmtf1	Hsd17b13
Sars	Trim2	Sema3e	Sparcl1
Taf13	Arfip1	Cd36	Gbp9
Wdr47	Tmem154	Magi2	Gbp10
Clcc1	Fbxw7	Phtf2	Lrrc8c
Stxbp3	Rps3a1	Rsbn1l	Lrrc8d
Prpf38b	Lrba	Ptpn12	Zfp326
Fam102b	Dclk2	Gsap	Zfp644
Vav3	Fcrl1	Ccdc146	Cdc7
Ntng1	Fcrl5	Fam185a	Glmn
Amy1	Etv3	Fbxl13	Evi5
Rnpc3	Arhgef11	Pmpcb	Rpl5
S1pr1	Prcc	Dnajc2	Fam69a

For Peer Review

Dph5	Hdgf	Psmc2	Mtf2
Slc30a7	Mrpl24	Orc5	Ccdc18
Cdc14a	Rrnad1	Kmt2e	Pcgf3
Rtca	Isg20l2	Srpk2	Gak
Dbt	Gpatch4	Pus7	Tmem175
Trmt13	Iqgap3	Fam126a	Idua
Sass6	Mef2d	Klhl7	4930522L14Rik
Mfsd14a	Tsacc	Abcb8	Gm15446
Gm43191	Cct3	Slc4a2	Zfp932
Slc35a3	Glmp	Agap3	Gm35315
Frrs1	Smg5	Gbx1	Chfr
Dpyd	Pmf1	Abcf2	Golga3
Ptbp2	Slc25a44	Chpf2	Ankle2
Tmem56	Ubqln4	Nub1	Pgam5
Alg14	Ssr2	Rheb	Pole
Cnn3	Arhgef2	Prkag2	Fbrsl1
Abcd3	Khdc4	Galnt11	Ep400
Abca4	Rit1	Kmt2c	Chek2
Gm17494	Gon4l	Xrcc2	Pitpnb
Bcar3	Rusc1	Actr3b	Tpst2
Usp53	Fdps	Dpp6	Myo18b
Sec24d	Clk2	Paxip1	Sart3
Mettl14	Scamp3	Insig1	Selplg
Snhg8	Gba	Rbm33	Coro1c
Camk2d	Mtx1	Lmbr1	Ssh1
Zgrf1	Krtcap2	Nom1	Usp30
Alpk1	Dpm3	Ube3c	Foxn4
Ap1ar	Zbtb7b	Dnajb6	Kctd10
Fam241a	Cks1b	Tyms	Ube3b
Elovl6	Shc1	Hadha	Fam222a
Casp6	Pygo2	Hadhb	Gltp
Sec24b	Kcnn3	Selenoi	Git2
Ostc	Adar	Cenpa	Ankrd13a
Rpl34	4632404H12Rik	Mapre3	1500011B03Rik
Lef1	Ube2q1	Tmem214	Oasl1
Papss1	Il6ra	Preb	Sppl3
Aimp1	Atp8b2	Gm29609	Mlec
Tbck	Ubap2l	Gtf3c2	Rnf10
Gstcd	4933434E20Rik	Eif2b4	Srsf9
Ppa2	Tpm3	Ppm1g	Cox6a1
Tet2	Rab13	Ift172	Sirt4
Cenpe	Jtb	Zfp512	Pxn
Cisd2	Slc39a1	Slc4a1ap	Rplp0
Ube2d3	Crtc2	Mrpl33	Cit
Manba	Dennd4b	Babam2	Ccdc60
Nfkb1	Gatad2b	Ppp1cb	Suds3

For Peer Review

Slc39a8	Ilf2	Yes1	Taok3
Bank1	Chtop	Pisd	Fbxw8
Ppp3ca	Pglyrp3	Depdc5	Med13l
Lamtor3	S100a11	Ywhah	Plbd2
Dapp1	S100a10	Ctbp1	Tpcn1
Adh5	Snx27	Maea	Dtx1
Metap1	Tuft1	Fam53a	Oas2
Eif4e	Pogz	Slbp	Oas1a
Tspan5	Psmb4	Tacc3	Ptpn11
Rap1gds1	Rfx5	Letm1	Rpl6
Pdlim5	Pi4kb	Nsd2	Trafd1
Gbp3	Zfp687	Nelfa	Naa25
Kyat3	Psmd4	Poln	Erp29
Gtf2b	Pip5k1a	Zfyve28	Acad12
Pkn2	Gabpb2	Rnf4	Brap
Hs2st1	Gm16740	Fam193a	Atxn2
Selenof	Mllt11	Tnip2	Sh2b3
Sh3glb1	Cdc42se1	Sh3bp2	Ppp1cc
Odf2l	Prune1	Add1	Hvcn1
Znhit6	Mindy1	Nop14	Pptc7
Bcl10	Anxa9	Grk4	Gpn3
2410004B18Rik	Cers2	Htt	Arpc3
Mcoln2	Setdb1	Lrpap1	Atp2a2
Rpf1	Arnt	Acox3	P2rx4
Gm16325	Ctss	Sorcs2	Camkk2
Prkacb	Golph3l	Tbc1d14	Anapc5
Adgrl2	Ensa	D5Ertd579e	Rnf34
Dnajb4	Mcl1	Man2b2	Kdm2b
Fubp1	Tars2	Jakmip1	Orai1
Miga1	Rprd2	Stx18	Rhof
Usp33	Prpf3	Lyar	Wdr66
Zzz3	Mrps21	Slc2a9	Mlxip
Pigk	Anp32e	Wdr1	Clip1
St6galnac3	Vps45	Rab28	Zcchc8
Rabggtb	Otud7b	Fbxl5	Rsrc2
Acadm	Sf3b4	Cd38	Kntc1
Slc44a5	Gm42743	Lap3	Hip1r
Tnni3k	Gm17575	Med28	Pitpnm2
Zranb2	BC107364	Lcorl	Mphosph9
Cth	Txnip	5730480H06Rik	2810006K23Rik
Ankrd13c	Polr3gl	Kcnip4	Sbno1
Srsf11	Rbm8a	Dhx15	Kmt5a
Lrrc40	Pex11b	Sepsecs	Rilpl2
Depdc1a	Rnf115	Zcchc4	Gtf2h3
Tmem68	Gpr89	Anapc4	Atp6v0a2
Tgs1	Acp6	Rbpj	Zfp664

For Peer Review

Lyn	Bcl9	Tbc1d19	Ncor2
Rps20	Chd1l	Stim2	Scarb1
Plag1	Fmo5	Pcdh7	Ubc
A830012C17Rik	Pde4dip	Arap2	Dhx37
Impad1	Sec22b	0610040J01Rik	Bri3bp
Sdcbp	Notch2	Rell1	Aacs
Nsmaf	Phgdh	Pgm2	Tmem132b
Gm11802	Wars2	Tbc1d1	Slc15a4
Tox	Wdr3	Klf3	Glt1d1
Rab2a	Gdap2	Tlr1	Ran
Chd7	Tent5c	Fam114a1	Psph
Plekhf2	Man1a2	Klhl5	Vkorc1l1
Trp53inp1	Ttf2	Rfc1	Crcp
Ccne2	Atp1a1	Lias	Tpst1
Ints8	Sike1	Ugdh	Tmem248
Dpy19l4	Csde1	Smim14	Tyw1
Virma	Nras	Ube2k	Caln1
Rad54b	Trim33	Pds5a	Galnt17
Gem	Syt6	N4bp2	Auts2
Pdp1	Hipk1	Rhoh	Castor2
Tmem67	Dclre1b	Rbm47	Rcc1l
Rbm12b2	Ptpn22	Apbb2	Ncf1
Nbn	Rsbn1	Tmem33	Gtf2i
Osgin2	Phtf1	Slc30a9	Rfc2
Ripk2	Magi3	Atp8a1	Lat2
A530072M11Rik	Lrig2	Guf1	Eif4h
Wwp1	Slc16a1	Commd8	Bud23
Ccnc	Mov10	Atp10d	Mlxipl
Tstd3	Capza1	Nfxl1	Baz1b
Usp45	St7l	Txk	Pom121
Pnisr	Ddx20	Tec	Rhbdd2
Fbxl4	Rap1a	Slain2	Por
Mms22l	Atp5f1	Fryl	Mdh2
Klhl32	Wdr77	Ociad1	Ywhag
Ufl1	Cept1	Usp46	Dtx2
Manea	Dram2	Scfd2	Rasa4
Map3k7	Lrif1	Fip1l1	Orai2
Bach2	Cd53	Chic2	Sh2b2
Bach2it1	Gm27008	Pdgfra	Cux1
Casp8ap2	AI504432	Tmem165	Ap1s1
Mdn1	Rbm15	Clock	Srrt
Ankrd6	Ahcyl1	Exoc1	Gnb2
Ube2j1	Ampd2	Cep135	Lrch4
Pnrc1	Gnai3	Ppat	Agfg2
Rngtt	Atxn7l2	Srp72	Tsc22d4
Akirin2	Psma5	Spink2	Zkscan1

For Peer Review

Orc3	Celsr2	Noa1	Zscan21
Rars2	Sars	Polr2b	Mcm7
Slc35a1	Taf13	Cenpc1	Taf6
Zfp292	Clcc1	Stap1	Zfp157
Mob3b	Gpsm2	Uba6	Zfp68
C9orf72	Stxbp3	Ugt2a2	A430033K04Rik
Aco1	Prpf38b	Rufy3	Get4
Ddx58	Vav3	Mob1b	3110082I17Rik
Topors	Amy1	Dck	Zfand2a
4933428C19Rik	Col11a1	Cox18	Mad1l1
Aptx	S1pr1	Rchy1	Snx8
Dnaja1	Dph5	G3bp2	Eif3b
Smu1	Slc30a7	Uso1	Chst12
B4galt1	Cdc14a	Naaa	Ttyh3
Nfx1	Dbt	Sdad1	Brat1
Ube2r2	Trmt13	Sept11	Gna12
Ubap2	Sass6	Ccni	Card11
Ubap1	Mfsd14a	2010109A12Rik	Sdk1
Kif24	Gm43191	Cnot6l	Foxk1
Nudt2	Slc35a3	Mrpl1	Wipi2
Fam219a	Frrs1	Bmp2k	Tnrc18
Cntfr	Dpyd	Antxr2	Actb
Dctn3	Ptbp2	Hnrnpd	Rnf216
Vcp	Tmem56	Enoph1	Rbak
Fancg	Alg14	Sec31a	Zfp316
Unc13b	Cnn3	Lin54	Zdhhc4
Rusc2	Slc44a3	Cops4	Kdelr2
Cd72	Abcd3	Plac8	Rac1
Tln1	Arhgap29	Coq2	Pms2
Gba2	Gm17494	Helq	Ccz1
Rgp1	Bcar3	Abraxas1	Lmtk2
Clta	1810037I17Rik	Arhgap24	Trrap
Gne	Usp53	Aff1	Smurf1
Rnf38	Sec24d	Hsd17b11	Arpc1a
Melk	Prss12	Gbp8	Arpc1b
Pax5	Snhg8	Gbp9	Bud31
Zcchc7	Camk2d	Lrrc8b	Zfp655
Zbtb5	Ank2	Lrrc8c	Zscan25
Polr1e	Zgrf1	Lrrc8d	Rnf6
Fbxo10	Tifa	Zfp326	Cdk8
Exosc3	Ap1ar	Zfp644	Usp12
Tstd2	Elovl6	Cdc7	Rpl21
Ncbp1	Gar1	Glmn	Gtf3a
Xpa	Sec24b	Rpap2	Polr1d
Anp32b	Ostc	Evi5	Flt3
Trim14	Rpl34	Rpl5	Pan3

For Peer Review

Coro2a	Lef1	Fam69a	Mtus2
Galnt12	Hadh	Mtf2	Slc7a1
Tgfbr1	Papss1	Tmed5	Ubl3
Sec61b	Aimp1	Ccdc18	Hmgb1
Stx17	Tbck	Pcgf3	Uspl1
Erp44	Gstcd	Gak	Hsph1
Invs	Ppa2	Tmem175	Fry
Tex10	Tet2	Crlf2	N4bp2l1
Plppr1	Tacr3	4930522L14Rik	N4bp2l2
Mrpl50	Slc9b2	Gm15446	Pds5b
Zfp189	Cisd2	Zfp932	Stard13
Rnf20	Ube2d3	Chfr	Samd9l
Smc2	Manba	Golga3	Vps50
Nipsnap3b	Nfkb1	Ankle2	Gngt1
Abca1	Slc39a8	Pgam5	Bet1
Slc44a1	Gm31243	Pole	Casd1
Tmem38b	Bank1	Fbrsl1	Ppp1r9a
Rad23b	Ppp3ca	Noc4l	Pon2
Elp1	Dnajb14	Ep400	Slc25a13
Fam206a	Lamtor3	Ulk1	Sem1
Ctnnal1	Dapp1	Chek2	Sdhaf3
Tmem245	Trmt10a	Pitpnb	Asns
Akap2	Adh5	Tpst2	C1galt1
Txn1	Metap1	Hps4	Mios
Ecpas	Eif4e	Sart3	Umad1
Ugcg	Tspan5	Iscu	Glcci1
Susd1	Rap1gds1	Selplg	Ica1
Ptbp3	Bmpr1b	Coro1c	Phf14
E130308A19Rik	Pdlim5	Ssh1	Tmem168
Inip	Gbp5	Usp30	Bmt2
Snx30	Gbp7	Foxn4	Ppp1r3a
Gm13775	Gbp3	Kctd10	Mdfic
Slc31a2	Gbp2	Mvk	Tes
Fkbp15	Gtf2b	Fam222a	Capza2
Cdc26	Pkn2	Tchp	St7
Prpf4	Lmo4	Git2	Ing3
Bspry	Hs2st1	Ankrd13a	Fam3c
Pole3	Selenof	Oasl1	Ndufa5
Whrn	Sh3glb1	Sppl3	Wasl
Tmem268	Odf2l	Unc119b	Pot1a
Pappa	Bcl10	Mlec	Grm8
Tlr4	2410004B18Rik	Rnf10	Zfp800
Brinp1	Wdr63	Coq5	Arf5
Cdk5rap2	Mcoln2	Srsf9	Snd1
Megf9	Ssx2ip	Pxn	Rbm28
A230083N12Rik	Gng5	Rplp0	Calu

For Peer Review

Kdm4c	Rpf1	Cit	Irf5
Ptprd	Prkacb	Prkab1	Tnpo3
Nfib	Gipc2	Ccdc60	Ahcyl2
Zdhhc21	Dnajb4	Suds3	Nrf1
Ttc39b	Fubp1	Taok3	Ube2h
Snapc3	Miga1	Wsb2	Zc3hc1
Psip1	Usp33	Fbxo21	Klhdc10
Ccdc171	Zzz3	Fbxw8	Tmem209
Bnc2	Pigk	Med13l	Copg2
Cntln	St6galnac3	Rbm19	Mkln1
Adamtsl1	Rabggtb	Tpcn1	Chchd3
Haus6	Slc44a5	Rasal1	Exoc4
Dennd4c	Tnni3k	Dtx1	Cnot4
Slc24a2	Fpgt	Oas2	Nup205
Mllt3	Zranb2	Ptpn11	Mtpn
Focad	Ankrd13c	Rpl6	Ptn
Mtap	Srsf11	Trafd1	Dgki
Gm12655	Lrrc40	Naa25	Creb3l2
Caap1	Lrrc7	Erp29	Trim24
Plaa	Gm20752	Aldh2	Atp6v0a4
Tek	Depdc1a	Brap	Zc3hav1
Mysm1	Wls	Atxn2	Ubn2
Gm12694	Tmem68	Sh2b3	Luc7l2
Junos	Tgs1	Ppp1cc	Klrg2
Fggy	Lyn	Hvcn1	Hipk2
Hook1	Rps20	Pptc7	Kdm7a
Nfia	Plag1	Vps29	Braf
Tm2d1	Chchd7	Arpc3	Agk
Patj	A830012C17Rik	Atp2a2	Ssbp1
L1td1	Impad1	P2rx4	Trpv5
Usp1	Sdcbp	Camkk2	Tpk1
Atg4c	Nsmaf	Anapc5	Cntnap2
Alg6	Tox	Rnf34	Cul1
Itgb3bp	Rab2a	Kdm2b	Ezh2
Pgm1	Chd7	Rhof	Pdia4
Jak1	2610301B20Rik	Psmd9	Zfp398
Pde4b	Plekhf2	Mlxip	Zfp282
Wdr78	Trp53inp1	Diablo	Zfp746
Mier1	Ccne2	Clip1	Lrrc61
Slc35d1	Ints8	Zcchc8	Gimap8
Oma1	Dpy19l4	Rsrc2	Gimap9
Dab1	Virma	Kntc1	Gimap4
Usp24	Rad54b	Gm43518	Gimap6
Dhcr24	Cdh17	Hip1r	Gimap7
Mroh7	Rbm12b2	Vps37b	Gm28053
Acot11	Rbm12b1	Abcb9	Gimap1

For Peer Review

Ssbp3	Triqk	Pitpnm2	Gimap5
Mrpl37	Otud6b	Mphosph9	Gimap3
Tceanc2	Pip4p2	Sbno1	Malsu1
Tmem59	Gm11837	Kmt5a	Tra2a
Yipf1	Tmem64	Rilpl2	Ccdc126
Ndc1	Ripk2	Tmed2	Mpp6
Magoh	A530072M11Rik	Gtf2h3	Hnrnpa2b1
Cpt2	Cpne3	Atp6v0a2	Skap2
Scp2	Gm12353	Ncor2	Hoxa1
Zyg11b	Wwp1	Scarb1	Hoxa3
Tut4	Nkain3	Aacs	Hibadh
Prpf38a	Ccnc	Tmem132c	Tax1bp1
Orc1	Usp45	Slc15a4	Jazf1
Btf3l4	Pnisr	Stx2	Chn2
Txndc12	Coq3	Sfswap	Znrf2
Nrd1	Fbxl4	Nipsnap2	Gars
Osbpl9	Mms22l	Chchd2	Crhr2
Eps15	Klhl32	Vkorc1l1	Mindy4
Cdkn2c	Ufl1	Asl	Pde1c
Faf1	Manea	Crcp	Avl9
Agbl4	Map3k7	Tpst1	Kbtbd2
Spata6	Bach2	Rabgef1	Ppm1k
Skint5	Bach2it1	Tmem248	Herc6
Foxd2os	Casp8ap2	Tyw1	Lancl2
Cmpk1	Mdn1	Caln1	Vopp1
Stil	Ankrd6	Galnt17	Herc3
Efcab14	Ube2j1	Auts2	Grid2
Atpaf1	Rngtt	Rcc1l	Smarcad1
Mknk1	Akirin2	Gtf2ird2	Gng12
Faah	Orc3	Ncf1	Serbp1
Lrrc41	Rars2	Gtf2i	Eif2ak3
Rad54l	Slc35a1	Clip2	Krcc1
Mast2	Zfp292	Rfc2	Rmnd5a
Ipp	Mob3b	Lat2	Chmp3
Tmem69	C9orf72	Eif4h	Kdm3a
Gpbp1l1	Lingo2	Bud23	Mrpl35
Ccdc17	Gm12374	Bcl7b	Immt
Nasp	Aco1	Baz1b	Ptcd3
Akr1a1	Ddx58	Nsun5	Polr1a
Prdx1	Topors	Pom121	St3gal5
Ccdc163	4933428C19Rik	Hip1	Usp39
Tesk2	Aptx	Rhbdd2	Mat2a
Eif2b3	Dnaja1	Por	Capg
Rps8	Smu1	Mdh2	Tcf7l1
Kif2c	B4galt1	Ywhag	Kcmf1
Eri3	Chmp5	Rasa4	Suclg1

For Peer Review

Slc6a9	Nfx1	Prkrip1	Ctnna2
Atp6v0b	Nol6	Cux1	Lrrtm4
Ipo13	Ube2r2	Ift22	Gcfc2
St3gal3	Ubap2	Srrt	Pole4
Kdm4a	Dcaf12	Lrch4	Hk2
Szt2	Ubap1	Tsc22d4	M1ap
Cdc20	Kif24	Zkscan1	Aup1
Slc2a1	Fam219a	Mcm7	Mogs
AU022252	Cntfr	Ap4m1	Ino80b
Ybx1	Sigmar1	Zfp157	Rtkn
Ppih	Dnajb5	Zfp68	Dctn1
Foxj3	Vcp	A430033K04Rik	Mthfd2
Hivep3	Fancg	Sun1	Mob1a
Scmh1	Pigo	Get4	Bola3
Slfnl1	Rusc2	3110082I17Rik	Tet3
Ctps	Cd72	Zfand2a	Stambp
Nfyc	Arhgef39	Ints1	Tex261
Rims3	Car9	Mafk	Paip2b
Smap2	Tln1	Mad1l1	Zfp638
Zmpste24	Rgp1	Snx8	Dysf
Ppt1	Reck	Eif3b	Exoc6b
Cap1	Clta	Gna12	Cct7
Trit1	Rnf38	Card11	Alms1
Pabpc4	Melk	Sdk1	Tprkb
Macf1	Pax5	Foxk1	Dusp11
Ndufs5	Zcchc7	Ap5z1	Tia1
Akirin1	Grhpr	Wipi2	Gmcl1
Mycbp	Zbtb5	Tnrc18	Aak1
Rragc	Polr1e	Actb	Nfu1
Gm2164	Exosc3	Rnf216	Gfpt1
Utp11	Dcaf10	Kdelr2	Antxr1
Sf3a3	Slc25a51	Daglb	Arhgap25
Inpp5b	Shb	Rac1	Rab43
Mtf1	Tstd2	Cyth3	Isy1
1110065P20Rik	Ncbp1	Eif2ak1	Cnbp
Cdca8	Trmo	Pms2	Hmces
Rspo1	Anp32b	Ccz1	Rab7
Gnl2	Nans	Lmtk2	Rpn1
Gm12932	Trim14	Trrap	Eefsec
Zc3h12a	Coro2a	Smurf1	Ruvbl1
Stk40	Galnt12	Arpc1a	Sec61a1
Gm12946	Tgfbr1	Arpc1b	Mcm2
Thrap3	Alg2	Pdap1	Tpra1
Trappc3	Sec61b	Bud31	Chchd6
Col8a2	Stx17	Ptcd1	Iqsec1
Adprhl2	Erp44	Zfp655	Nup210

For Peer Review

Tekt2	Invs	Zscan25	Slc6a6
Ago3	Tex10	Cyp3a59	Ccdc174
Ago1	Mrpl50	Cdk8	Nr2c2
Ago4	Rnf20	Usp12	Prickle2
Psmb2	Smc2	Lnx2	Magi1
Ncdn	Nipsnap3b	Polr1d	Suclg2
AU040320	Fsd1l	Flt3	Tmf1
Zmym4	Tmem38b	Pan3	Uba3
Sfpq	Rad23b	Pomp	Arl6ip5
Gm12940	Elp1	Mtus2	Foxp1
Zmym1	Fam206a	Slc7a1	Prok2
Zscan20	Tmem245	Ubl3	Rybp
Phc2	Palm2	Hmgb1	Shq1
Zfp362	Akap2	Uspl1	Ppp4r2
Ak2	Txn1	Wdr95	Chl1
S100pbp	Svep1	Hsph1	Cntn4
Yars	Ecpas	Fry	Il5ra
Rbbp4	Dnajc25	Brca2	Sumf1
Zbtb8os	Gng10	N4bp2l2	Itpr1
Bsdc1	Ugcg	Pds5b	Arl8b
Marcksl1	Susd1	Samd9l	Edem1
Hdac1	Ptbp3	Vps50	Rad18
Tmem234	Hsdl2	Casd1	Thumpd3
Txlna	E130308A19Rik	Ppp1r9a	Setd5
Tmem39b	Inip	Pon3	Mtmr14
Khdrbs1	Snx30	Pon2	Camk1
Ptp4a2	Slc31a2	Slc25a13	Arpc4
Pef1	Fkbp15	Sem1	Ttll3
Zcchc17	Slc31a1	Sdhaf3	Il17re
Snrnp40	Cdc26	Asns	Emc3
Pum1	Prpf4	C1galt1	Fancd2
Laptm5	Pole3	Mios	Brk1
Mecr	Rgs3	Umad1	Irak2
Srsf4	Atp6v1g1	Glcci1	Sec13
Epb41	Tmem268	Ica1	Atp2b2
Ythdf2	Pappa	Phf14	Atg7
Gmeb1	Trim32	Tmem106b	Vgll4
Taf12	Tlr4	Tmem168	Raf1
Snhg12	Cdk5rap2	Bmt2	Rpl32
Trnau1ap	Tle1	Ppp1r3a	Plxnd1
Rcc1	Frmd3	Mdfic	Tmcc1
Snhg3	Kdm4c	Capza2	Washc2
Med18	Ptprd	St7	Zfand4
Sesn2	Nfib	Lsm8	Rassf4
Dnajc8	Zdhhc21	Ing3	Hnrnpf
Eya3	Frem1	Fam3c	Bms1

For Peer Review

Ppp1r8	Ttc39b	Ndufa5	Dcp1b
Stx12	Snapc3	Wasl	Adipor2
Fam76a	Psip1	Pot1a	Erc1
Fgr	Ccdc171	Zfp800	Wnk1
Ahdc1	Sh3gl2	Snd1	Ninj2
Wasf2	Adamtsl1	Rbm28	Ccdc77
Tmem222	Haus6	Impdh1	Kdm5a
Wdtc1	Mllt3	Calu	Il17ra
Slc9a1	Focad	Opn1sw	Slc25a18
Nudc	Mtap	Irf5	Atp6v1e1
Zdhhc18	Gm12648	Tnpo3	Bcl2l13
Pigv	Caap1	Ahcyl2	Bid
Arid1a	Plaa	Nrf1	Mical3
Rps6ka1	Mysm1	Ube2h	Usp18
Dhdds	Fggy	Klhdc10	M6pr
Cd52	Tm2d1	Tmem209	Aicda
Ubxn11	Usp1	Copg2	Apobec1
Sh3bgrl3	Atg4c	Mkln1	Slc2a3
Cep85	Alg6	Plxna4	Necap1
Stmn1	Itgb3bp	Chchd3	Lpcat3
Ldlrap1	Pgm1	Exoc4	Emg1
Maco1	Jak1	Wdr91	Phb2
Rsrp1	Ak4	Cnot4	Ptpn6
Runx3	Pde4b	Nup205	Atn1
Clic4	Wdr78	Mtpn	Cdca3
Srrm1	Mier1	Ptn	Ptms
Rcan3	Slc35d1	Creb3l2	Zfp384
Srsf10	Dab1	Trim24	Acrbp
Fuca1	Usp24	Zc3hav1	Lpar5
Hmgcl	Dhcr24	Ubn2	Chd4
Lypla2	Mroh7	Luc7l2	Nop2
Pithd1	Ssbp3	Hipk2	Iffo1
Eloa	Mrpl37	Kdm7a	Gapdh
Rpl11	Tmem59	Slc37a3	Ncapd2
Id3	Yipf1	Adck2	Tapbpl
E2f2	Ndc1	Braf	Vamp1
Hnrnpr	Magoh	Agk	Ano2
Luzp1	Scp2	E330009J07Rik	Ndufa9
Kdm1a	Zyg11b	Ssbp1	D6Wsu163e
Epha8	Coa7	Casp2	Ccnd2
Zbtb40	Tut4	Zyx	Parp11
Cdc42	Prpf38a	Tpk1	Tead4
Usp48	Orc1	Cul1	Tulp3
Alpl	Btf3l4	Ezh2	Foxm1
Ece1	Txndc12	Pdia4	Itfg2
Eif4g3	8030443G20Rik	Zfp398	Gm44511

For Peer Review

Hp1bp3	Nrd1	Zfp282	BC035044
Camk2n1	Osbpl9	Zfp956	Clec2d
Tmco4	Eps15	Zfp777	Cd69
Htr6	Gm12811	Zfp746	Klri2
Minos1	Cdkn2c	Krba1	Klra4
Capzb	Faf1	Zfp775	Ybx3
Emc1	Agbl4	Gimap8	Etv6
Ubr4	Spata6	Gimap4	Lrp6
Igsf21	Skint7	Gimap6	Borcs5
Rcc2	9130410C08Rik	Gimap7	Dusp16
Sdhb	Cmpk1	Gm28053	Fam234b
Atp13a2	Stil	Gimap1	Grin2b
Crocc	Efcab14	Gimap5	Atf7ip
Szrd1	Atpaf1	Gimap3	Arhgdib
Fbxo42	Mknk1	Malsu1	Strap
Zbtb17	Nsun4	Igf2bp3	Dera
Plekhm2	Uqcrh	Tra2a	Lmo3
Ddi2	Lrrc41	Fam221a	Pik3c2g
Dnajc16	Rad54l	Mpp6	Plekha5
Casp9	Mast2	4921507P07Rik	Aebp2
Efhd2	Ipp	Hnrnpa2b1	Slco1a4
Prdm2	Tmem69	Cbx3	Recql
BC080695	Gpbp1l1	Snx10	Golt1b
Vps13d	Nasp	Skap2	Cmas
Tnfrsf1b	Akr1a1	Hoxa1	C2cd5
Zfp991	Prdx1	Hibadh	Etnk1
Zfp984	Ccdc163	Tax1bp1	Sox5
Zfp933	Tesk2	Chn2	Bcat1
Miip	Hectd3	Znrf2	Lrmp
Mfn2	Eif2b3	Gars	Casc1
2510039O18Rik	Btbd19	Crhr2	Kras
Clcn6	Rps8	Pde1c	Itpr2
Mad2l2	Kif2c	Avl9	Ints13
Mtor	Rnf220	Kbtbd2	Fgfr1op2
Tardbp	Eri3	Nt5c3	Tm7sf3
Casz1	Dmap1	Herc6	Klhl42
Pex14	Atp6v0b	Lancl2	Ergic2
Dffa	Dph2	Vopp1	Ipo8
Ube4b	Ipo13	Abcg2	Sinhcaf
Lzic	St3gal3	Herc3	Dennd5b
Clstn1	Kdm4a	Ccser1	Resf1
Pik3cd	Szt2	Grid2	Ndufa3
Tmem201	Elovl1	Smarcad1	Cnot3
Eno1	Cdc20	Hpgds	Mboat7
Rere	Ebna1bp2	Gng12	Tsen34
Park7	Slc2a1	Serbp1	Rps9

For Peer Review

Camta1	Svbp	Eif2ak3	Ttyh1
Dnajc11	AU022252	Krcc1	Leng8
Nol9	Ybx1	Rmnd5a	Rdh13
Gpr153	Ppih	Rnf103	Ppp1r12c
Chd5	Foxj3	Chmp3	Tmem86b
Kcnab2	Hivep3	Kdm3a	Ppp6r1
Nphp4	Scmh1	Reep1	Hspbp1
Lrrc47	Ctps	Immt	Kmt5c
Trp73	Nfyc	Ptcd3	Zfp579
Wrap73	Zfp69	Polr1a	Zfp865
Ttc34	Smap2	St3gal5	U2af2
Mmel1	Zmpste24	Usp39	Epn1
Tnfrsf14	Rlf	Mat2a	Gm45844
Pank4	Ppt1	Capg	2900092C05Rik
Plch2	Cap1	Elmod3	Rps5
Morn1	Mfsd2a	Tcf7l1	Trim28
Ski	Trit1	Kcmf1	Ube2m
Faap20	Pabpc4	Suclg1	Pla2g4c
5830444B04Rik	Macf1	Ctnna2	Sult2a8
Gnb1	Akirin1	Lrrtm4	Selenow
Nadk	Gm26606	Gcfc2	Nop53
Slc35e2	Mycbp	Pole4	Ccdc9
Cdk11b	Rragc	Hk2	Bbc3
Ssu72	Utp11	Htra2	Sae1
Atad3a	Inpp5b	Aup1	Tmem160
Mrpl20	Mtf1	Rtkn	Arhgap35
Ccnl2	Yrdc	Dctn1	Slc1a5
Acap3	Cdca8	Mthfd2	Strn4
Ube2j2	Rspo1	Mob1a	Prkd2
Sdf4	Gnl2	Tet3	Dact3
Plekhn1	Snip1	Stambp	Ppp5c
Cdk6	Meaf6	Tex261	Sympk
Fam133b	Zc3h12a	Paip2b	Qpctl
1700109H08Rik	Mrps15	Zfp638	Vasp
Pex1	Lsm10	Exoc6b	Ppp1r37
Gatad1	Stk40	Sfxn5	Gemin7
Ankib1	Thrap3	Smyd5	Clasrp
Krit1	Map7d1	Pradc1	Relb
Akap9	Trappc3	Cct7	Clptm1
Cyp51	Tekt2	Alms1	Nectin2
Cdk14	Ago3	Dusp11	Bcl3
Gtpbp10	Ago1	Tia1	Ceacam16
Sri	Psmb2	Gm44790	Pvr
Adam22	AU040320	C87436	Zfp180
Dbf4	Zmym4	Snrnp27	Zfp235
Slc25a40	Sfpq	Gmcl1	Zfp108

For Peer Review

Gm5106	Gm12940	Anxa4	Smg9
Abcb1b	Zmym1	Aak1	Plaur
Crot	Smim12	Nfu1	Xrcc1
Tmem243	Phc2	Gfpt1	Cd79a
Dmtf1	Zfp362	Arhgap25	Arhgef1
Sema3e	Azin2	Aplf	Rabac1
Cd36	Ak2	Rab43	Grik5
Magi2	S100pbp	Isy1	Pou2f2
Phtf2	Yars	Cnbp	Gsk3a
Rsbn1l	Rbbp4	Copg1	Cic
Ptpn12	Bsdc1	Rab7	Pafah1b3
Gsap	Marcksl1	Rpn1	Lipe
Ccdc146	Hdac1	Eefsec	B3gnt8
Fam185a	Tmem234	Ruvbl1	Bckdha
Fbxl13	Txlna	Sec61a1	Exosc5
Pmpcb	Kpna6	Mgll	Tgfb1
Dnajc2	Tmem39b	Mcm2	Ccdc97
Psmc2	Khdrbs1	Plxna1	Hnrnpul1
Orc5	Ptp4a2	Chchd6	Egln2
6030443J06Rik	Snrnp40	Zxdc	Snrpa
5031425E22Rik	Pum1	Iqsec1	2310022A10Rik
Kmt2e	Laptm5	Nup210	Zfp626
Srpk2	Mecr	Chchd4	Zfp59
Pus7	Srsf4	Slc6a6	Zfp607a
Rint1	Epb41	Ccdc174	Zfp850
2700038G22Rik	Ythdf2	Nr2c2	Psmc4
Fam126a	Gmeb1	Prickle2	Timm50
Klhl7	Taf12	Magi1	Supt5
Abcb8	Snhg12	Kbtbd8	Rps16
Slc4a2	Rcc1	Suclg2	Plekhg2
Agap3	Snhg3	Fam19a4	Zfp36
Gbx1	Phactr4	Eogt	Pak4
Abcf2	Med18	Tmf1	Nfkbib
Chpf2	Sesn2	Uba3	Hnrnpl
Nub1	Dnajc8	Arl6ip5	Actn4
Rheb	Eya3	Mitf	Eif3k
Prkag2	Themis2	Foxp1	Map4k1
Galnt11	Ppp1r8	Eif4e3	Psmd8
Kmt2c	Stx12	Rybp	Sipa1l3
Xrcc2	Fam76a	Shq1	Zfp84
Actr3b	Fgr	Ppp4r2	Zfp27
Dpp6	Ahdc1	Chl1	Zfp82
Paxip1	Wasf2	Il5ra	Zfp260
Insig1	Tmem222	Trnt1	Zfp146
Rbm33	Wdtc1	Crbn	Capns1
Lmbr1	Slc9a1	Sumf1	Nfkbid

For Peer Review

Nom1	Gpn2	Itpr1	Kmt2b
Ube3c	Zdhhc18	Arl8b	Zbtb32
Dnajb6	Pigv	Edem1	Cox6b1
Tyms	Arid1a	Grm7	Rbm42
Hadha	Rps6ka1	Rad18	Tmem147
Hadhb	Hmgn2	Srgap3	Cd22
Selenoi	Dhdds	Thumpd3	Usf2
Cenpa	Cd52	Setd5	Wtip
Mapre3	Ubxn11	Mtmr14	Uba2
Tmem214	Sh3bgrl3	Brpf1	Gpi1
Preb	Cep85	Ogg1	4931406P16Rik
Atraid	Zfp593	Camk1	Lsm14a
Gm29609	Mtfr1l	Arpc4	Pepd
Gtf3c2	Man1c1	Ttll3	Gpatch1
Eif2b4	Ldlrap1	Il17re	Cep89
Snx17	Maco1	Creld1	Ankrd27
Ppm1g	Rhd	Fancd2	Dpy19l3
Ift172	Tmem50a	Irak2	Zfp507
Zfp512	Rsrp1	Tatdn2	Tshz3
Supt7l	Runx3	Sec13	Uri1
Slc4a1ap	Clic4	Atg7	AI987944
Mrpl33	Srrm1	Vgll4	AW146154
Babam2	Srsf10	Syn2	2610021A01Rik
Ppp1cb	Pnrc2	Mkrn2	Zfp788
Yes1	Cnr2	Raf1	Zfp141
Pisd	Hmgcl	Mbd4	Zfp977
Depdc5	Lypla2	Ift122	Zfp975
Ywhah	Pithd1	Plxnd1	Siglecg
Ctbp1	Eloa	Tmcc1	Etfb
Maea	Rpl11	Washc2	2410002F23Rik
Fam53a	Id3	Zfand4	Josd2
Slbp	E2f2	Rassf4	Emc10
Tacc3	Hnrnpr	Hnrnpf	Spib
Letm1	Kdm1a	Csgalnact2	Pold1
Nsd2	Epha8	Bms1	Nr1h2
Nelfa	Zbtb40	Dcp1b	Napsa
Poln	Cdc42	Adipor2	Zfp473
Mxd4	Usp48	Erc1	Vrk3
Zfyve28	Alpl	Wnk1	Nup62
Rnf4	Gm13012	B4galnt3	Ap2a1
Fam193a	Ece1	Ccdc77	Irf3
Tnip2	Eif4g3	Kdm5a	Nosip
Sh3bp2	Hp1bp3	Il17ra	Rps11
Add1	Kif17	Hdhd5	Rpl13a
Nop14	Ddost	Atp6v1e1	Flt3l
Grk4	Camk2n1	Bcl2l13	Aldh16a1

For Peer Review

Htt	Otud3	Bid	Ccdc155
Lrpap1	Tmco4	Mical3	Cd37
Acox3	Minos1	Usp18	Snrnp70
Sorcs2	Capzb	Aicda	Ruvbl2
Tbc1d14	Pqlc2	Apobec1	Gys1
D5Ertd579e	Emc1	Slc2a3	Ftl1
Man2b2	Ubr4	Foxj2	Nucb1
Wfs1	Aldh4a1	Lpcat3	Bcat2
Jakmip1	Rcc2	Ptpn6	Sphk2
Stx18	Sdhb	Usp5	Sult2b1
Lyar	Crocc	Zfp384	Kcnj14
Slc2a9	Necap2	Acrbp	Kdelr1
Wdr1	Szrd1	Chd4	Emp3
Rab28	Fbxo42	Nop2	Nomo1
Bod1l	Zbtb17	Iffo1	Sergef
Gm7854	Spen	Gapdh	Saal1
Cpeb2	Ddi2	Ncapd2	Hps5
Fbxl5	Dnajc16	Mrpl51	Gtf2h1
Cd38	Casp9	Vamp1	Ldha
Tapt1	Efhd2	Ntf3	Tsg101
Gm42984	Kazn	D6Wsu163e	Zdhhc13
Lap3	Pramef8	Tigar	E2f8
Med28	Vps13d	Ccnd2	Htatip2
Ncapg	Tnfrsf1b	Parp11	Prmt3
Lcorl	Zfp991	Cracr2a	Nell1
5730480H06Rik	Zfp984	Gm44511	Tubgcp5
Kcnip4	Zfp933	BC035044	Cyfip1
Gm36814	Miip	Clec2i	Nipa2
Gm43016	2510039O18Rik	Clec2d	Herc2
Dhx15	Clcn6	Cd69	Atp10a
9230114K14Rik	Mtor	Clec12a	Ube3a
Sepsecs	Exosc10	Gabarapl1	Klf13
Zcchc4	Srm	Klri2	Snrpa1
Anapc4	Tardbp	Klra4	Selenos
Rbpj	Casz1	Ybx3	Chsy1
Tbc1d19	Pex14	Etv6	Lrrk1
Stim2	Dffa	Lrp6	Asb7
Pcdh7	Pgd	Borcs5	Mef2a
Arap2	Kif1b	Dusp16	Lrrc28
0610040J01Rik	Ube4b	Crebl2	Fam169b
Rell1	Lzic	Cdkn1b	Mctp2
Pgm2	Pik3cd	Ddx47	Slco3a1
Tbc1d1	Tmem201	Fam234b	Sv2b
Klf3	Gpr157	Atf7ip	Akap13
Tlr1	Eno1	Plbd1	Agbl1
Fam114a1	Rere	Gucy2c	Det1

For Peer Review

Klhl5	Vamp3	Wbp11	Aen
Rfc1	Camta1	Erp27	Abhd2
Lias	Dnajc11	Arhgdib	Fanci
Ugdh	Phf13	Eps8	Polg
Smim14	Klhl21	Strap	Ticrr
Ube2k	Nol9	Dera	Wdr93
Pds5a	Icmt	Mgst1	Ap3s2
N4bp2	Rpl22	Lmo3	Zfp710
Rhoh	Chd5	Plekha5	Sema4b
Rbm47	Kcnab2	Aebp2	Cib1
Apbb2	Nphp4	Recql	Ngrn
Tmem33	Dffb	Golt1b	Prc1
Slc30a9	Lrrc47	Cmas	Man2a2
Atp8a1	Mmel1	St8sia1	Blm
Guf1	Tnfrsf14	C2cd5	Crtc3
Gnpda2	Plch2	Etnk1	Iqgap1
Commd8	Rer1	Sox5	Sec11a
Atp10d	Ski	Bcat1	Zfp592
Nfxl1	Faap20	Lrmp	Pde8a
Txk	Gnb1	Kras	Whamm
Tec	Nadk	Itpr2	Ramac
Slain2	Slc35e2	Ints13	Btbd1
Fryl	Cdk11b	Fgfr1op2	Efl1
Ociad1	Mib2	Med21	Il16
Usp46	Ssu72	Ppfibp1	Cemip
Dancr	Atad3a	Klhl42	Abhd17c
Scfd2	Mrpl20	Ccdc91	Zfand6
Fip1l1	Ccnl2	Ergic2	Ctsc
Chic2	Aurkaip1	Ipo8	Tmem135
Pdgfra	Ints11	Sinhcaf	Me3
Srd5a3	Acap3	Dennd5b	Hikeshi
Tmem165	Ube2j2	Etfbkmt	Eed
Clock	Sdf4	Amn1	Picalm
Exoc1	Noc2l	Resf1	Crebzf
Cep135	Cdk6	Bicd1	Tmem126a
Ppat	Fam133b	Myadm	Pcf11
Srp72	1700109H08Rik	Prkcg	Rab30
Spink2	Gatad1	Prpf31	Ddias
Rest	Ankib1	Cnot3	Prcp
Noa1	Krit1	Mboat7	Tenm4
Polr2b	Akap9	Rps9	Nars2
Cenpc1	Cyp51	Pirb	Alg8
Stap1	Cdk14	Lair1	Ints4
Uba6	Gtpbp10	Ttyh1	Rsf1
Gm43055	Sri	Leng8	Gdpd4
Ythdc1	Adam22	Ppp1r12c	Acer3

For Peer Review

Ugt2a2	Dbf4	Ppp6r1	Emsy
Rufy3	Slc25a40	Hspbp1	Thap12
Mob1b	Rundc3b	Kmt5c	Uvrag
Dck	Abcb1b	Il11	Dgat2
Cox18	Crot	Ube2s	Rps3
Ankrd17	Tmem243	Isoc2a	Spcs2
Rchy1	Dmtf1	Zfp524	Pold3
G3bp2	Hgf	Zfp865	Ppme1
Uso1	Cd36	Ccdc106	C2cd3
Naaa	Magi2	U2af2	Ucp2
Sdad1	Phtf2	Epn1	Mrpl48
Sept11	Rsbn1l	Zfp787	Rab6a
Ccni	Ptpn12	Zfp444	Fam168a
2010109A12Rik	Gsap	Zfp667	Relt
Cnot6l	Ccdc146	Zfp110	Fchsd2
Mrpl1	Fgl2	Rps5	Atg16l2
Bmp2k	Fam185a	Rnf225	Arap1
Antxr2	Armc10	Trim28	Pde2a
Hnrnpd	Napepld	Ube2m	Clpb
Hnrnpdl	Pmpcb	Lig1	Anapc15
Enoph1	Dnajc2	Pla2g4c	Lamtor1
Sec31a	Psmc2	Crx	Numa1
5430416N02Rik	Orc5	Selenow	Rnf121
Lin54	6030443J06Rik	Ehd2	Xndc1
Cops4	5031425E22Rik	Napa	Art5
Plac8	Kmt2e	Kptn	Nup98
Coq2	Srpk2	Dhx34	Pgap2
Helq	AI506816	Ccdc9	Rhog
Abraxas1	Pus7	Bbc3	Stim1
Arhgap24	Rint1	Sae1	Rrm1
Aff1	2700038G22Rik	Arhgap35	Trim21
Hsd17b11	Fam126a	Slc1a5	Trim34a
Spp1	Klhl7	Strn4	Trim5
D930016D06Rik	Slc4a2	Prkd2	Trim12a
Gbp8	Agap3	Dact3	Trim12c
Gbp9	Abcf2	Calm3	Trim30a
Gbp4	Chpf2	Ppp5c	Trim30d
Lrrc8b	Nub1	Sympk	Fam160a2
Lrrc8c	Rheb	Eml2	Hpx
Lrrc8d	Galnt11	Ppp1r37	Gm45799
Zfp326	Kmt2c	Gemin7	Dnhd1
Gm28039	Xrcc2	Clasrp	Gm4070
Zfp644	Dpp6	Relb	Gvin1
Cdc7	Paxip1	Clptm1	Ppfibp2
Glmn	Gm26608	Tomm40	Eif3f
Rpap2	Insig1	Nectin2	Trim66

For Peer Review

Gm26692	Rbm33	Bcl3	Rpl27a
Evi5	Nom1	Zfp180	St5
Rpl5	Ube3c	Zfp61	Tmem41b
Fam69a	Dnajb6	Zfp94	Ipo7
Mtf2	Tyms	Smg9	Zfp143
Tmed5	Hadha	Rps19	Wee1
Ccdc18	Hadhb	Cd79a	Swap70
Pcgf3	Selenoi	Arhgef1	Sbf2
Gak	Gm9899	Pou2f2	Rnf141
Tmem175	Cenpa	Cic	Ctr9
Crlf2	Tmem214	Ceacam1	Eif4g2
4930522L14Rik	Agbl5	Exosc5	Usp47
Gm15446	Ost4	B9d2	Arntl
Zfp932	Preb	Tgfb1	Btbd10
Chfr	Cad	Ccdc97	Far1
Gm15787	Slc30a3	Hnrnpul1	Rras2
Golga3	Gtf3c2	Egln2	Copb1
Ankle2	Snx17	Rab4b	Psma1
Pgam5	Ppm1g	BC024978	Pde3b
Pole	Gckr	Itpkc	1110004F10Rik
Fbrsl1	Zfp512	Sertad1	Rps13
Noc4l	Gpn1	2310022A10Rik	Pik3c2a
Ep400	Supt7l	Akt2	Xylt1
Ulk1	Slc4a1ap	Zfp60	Rps15a
Chek2	Rbks	Zfp626	Arl6ip1
Pitpnb	Babam2	Zfp59	Coq7
Tpst2	Ppp1cb	Zfp607a	Gde1
Hps4	Pisd	Zfp974	Vps35l
Sart3	Depdc5	Zfp780b	Eri2
Iscu	Ywhah	Zfp850	Rexo5
Selplg	Ctbp1	Dyrk1b	Uqcrc2
Coro1c	Maea	Supt5	Mosmo
Ssh1	Uvssa	Rps16	Eef2k
Usp30	Fam53a	Zfp36	Polr3e
Foxn4	Slbp	Gmfg	Cdr2
Kctd10	Tacc3	Pak4	Mettl9
Ube3b	Letm1	Nfkbib	Hs3st2
Mmab	Nsd2	Sirt2	Cog7
Mvk	Nelfa	Hnrnpl	Gga2
Fam222a	Poln	Actn4	Ubfd1
Gltp	4930557J02Rik	Map4k1	Ndufab1
Tchp	Mxd4	Sipa1l3	Palb2
Git2	Rnf4	Zfp27	Prkcb
Ankrd13a	Fam193a	Zfp74	Rbbp6
Oasl1	Sh3bp2	Zfp568	Tnrc6a
Sppl3	Add1	Zfp82	Slc5a11

For Peer Review

Unc119b	Mfsd10	Zfp260	Arhgap17
Mlec	Nop14	Zfp382	Lcmt1
Rnf10	Grk4	Zfp146	Nsmce1
Coq5	Htt	Wdr62	Il4ra
Dynll1	Rgs12	Hcst	Il21r
Srsf9	Acox3	Nfkbid	Gtf3c1
Pxn	Sorcs2	Psenen	D430042O09Rik
Rplp0	Tada2b	Kmt2b	Xpo6
Cit	Tbc1d14	Zbtb32	Sbk1
Prkab1	D5Ertd579e	Rbm42	Nfatc2ip
Ccdc60	Mrfap1	Haus5	Cd19
Suds3	Man2b2	Cd22	Rabep2
Taok3	Jakmip1	Gramd1a	Sh2b1
Vsig10	Stx18	Uba2	Atxn2l
Wsb2	Lyar	Gpi1	Eif3c
Ksr2	Tmem128	4931406P16Rik	Il27
Fbxo21	Otop1	Lsm14a	Sgf29
Fbxw8	Slc2a9	Pepd	Coro1a
Med13l	Wdr1	Cebpg	Ppp4c
Rbm19	Rab28	Cep89	Aldoa
Plbd2	Fbxl5	Ankrd27	Taok2
Tpcn1	Cd38	Zfp507	Kctd13
Rasal1	Tapt1	Uri1	Cdipt
Dtx1	Qdpr	AI987944	Maz
Oas2	Lap3	AW146154	Kif22
Oas1b	Med28	2610021A01Rik	Tbc1d10b
Ptpn11	Ncapg	Zfp788	Sept1
Rpl6	Lcorl	Zfp141	Zfp771
Trafd1	5730480H06Rik	Zfp715	Itgal
Naa25	Gm43016	Siglecg	Prr14
Erp29	Dhx15	Etfb	Srcap
Aldh2	9230114K14Rik	Zfp719	Gm42715
Brap	Sepsecs	2410002F23Rik	Tmem265
Atxn2	Zcchc4	Spib	Phkg2
Sh2b3	Anapc4	Nr1h2	Setd1a
Ppp1cc	Smim20	Napsa	Gm49388
Hvcn1	Rbpj	Nup62	Bckdk
Pptc7	Tbc1d19	Tbc1d17	Kat8
Vps29	Stim2	Med25	Fus
Arpc3	Pcdh7	Ap2a1	Itgam
Atp2a2	Arap2	Bcl2l12	Itgad
P2rx4	Pgm2	Rras	BC017158
Camkk2	Tbc1d1	Nosip	Tial1
Anapc5	Klf3	Rps11	Inpp5f
Rnf34	Tlr1	Rpl13a	Mcmbp
Kdm2b	Klhl5	Cd37	Wdr11

For Peer Review

Rhof	Rfc1	Ppfia3	Ate1
AI480526	Ugdh	Snrnp70	Nsmce4a
Psmd9	Smim14	Ruvbl2	Tacc2
Bcl7a	Ube2k	Gys1	Chst15
Mlxip	Pds5a	Ftl1	Oat
Diablo	N4bp2	Nucb1	Fam53b
Vps33a	Rhoh	Bcat2	Eef1akmt2
Clip1	Rbm47	Dbp	Zranb1
Zcchc8	Tmem33	Sphk2	Edrf1
Rsrc2	Slc30a9	Cyth2	Dhx32
Kntc1	Atp8a1	Grwd1	Adam12
Gm43518	Gm15477	Kdelr1	Mki67
Hip1r	Gabrb1	Abcc6	Mgmt
Vps37b	Commd8	Nomo1	Glrx3
Abcb9	Atp10d	Sergef	Mapk1ip1
Pitpnm2	Corin	Saal1	Ppp2r2d
Mphosph9	Nfxl1	Hps5	Bnip3
Sbno1	Tec	Gtf2h1	Inpp5a
Kmt5a	Slain2	Ldha	Tubgcp2
Rilpl2	Fryl	Tsg101	Psmd13
Tmed2	Ociad1	Uevld	Ifitm2
Gtf2h3	Usp46	Spty2d1	Ptdss2
Atp6v0a2	Dancr	Zdhhc13	Phrf1
Zfp664	Scfd2	Prmt3	Deaf1
Ncor2	Fip1l1	Nell1	Taldo1
Gm32585	Lnx1	Tubgcp5	Rplp2
Scarb1	Chic2	Cyfip1	Chid1
Aacs	Pdgfra	Nipa2	Ap2a2
Tmem132c	Srd5a3	Herc2	Tollip
Slc15a4	Tmem165	Gabrg3	Mob2
5930412G12Rik	Clock	Gabrb3	Lsp1
Stx2	Exoc1	Atp10a	Tnnt3
Sfswap	C530008M17Rik	Ube3a	Tspan32
Nipsnap2	Ppat	Klf13	Cd81
Cct6a	Paics	Mcee	Nap1l4
Chchd2	Srp72	Tm2d3	Cars
Vkorc1l1	Hopx	Snrpa1	Dhcr7
Asl	Rest	Selenos	Ppfia1
Crcp	Polr2b	Chsy1	Insr
Tpst1	Adgrl3	Lrrk1	A430078G23Rik
Rabgef1	Cenpc1	Asb7	Arhgef18
Tmem248	Stap1	Lins1	Mcoln1
Tyw1	Uba6	Mef2a	Pnpla6
Caln1	Gm43055	Lrrc28	Xab2
Galnt17	Ythdc1	Ttc23	Stxbp2
Auts2	Jchain	Igf1r	Fcer2a

For Peer Review

Rcc1l	Rufy3	Pgpep1l	Map2k7
Gtf2ird2	Grsf1	Fam169b	Timm44
Ncf1	Mob1b	Mctp2	Elavl1
Gtf2i	Dck	Slco3a1	Ccl25
Clip2	Adamts3	Sv2b	Cers4
Rfc2	Ankrd17	Akap13	Zfp958
Lat2	Mthfd2l	Agbl1	Shcbp1
Eif4h	Rchy1	Mrpl46	Arglu1
Bud23	G3bp2	Det1	Abhd13
Tbl2	Uso1	Aen	Myo16
Bcl7b	Naaa	Isg20	Cars2
Baz1b	Sdad1	Abhd2	Ankrd10
Nsun5	Nup54	Fanci	Arhgef7
Pom121	Sept11	Polg	Tubgcp3
Hip1	Ccni	Ticrr	F7
Rhbdd2	Ccng2	Ap3s2	Pcid2
Por	Cnot6l	Zfp710	Cul4a
Mdh2	Mrpl1	Sema4b	Lamp1
Ywhag	Bmp2k	Cib1	Tfdp1
Rasa4	Cfap299	Ttll13	Rasa3
Prkrip1	Hnrnpd	Prc1	Cfap97d2
Cux1	Hnrnpdl	Man2a2	Upf3a
Ift22	Enoph1	Blm	Dlgap2
4933404O12Rik	Sec31a	Crtc3	Arhgef10
Ap1s1	5430416N02Rik	Iqgap1	Csmd1
Srrt	Lin54	Sec11a	Mcph1
Gm8066	Cops4	Zfp592	Agpat5
Lrch4	Plac8	Alpk3	Ckap2
Agfg2	Coq2	Pde8a	Vps36
Tsc22d4	Hpse	Cpeb1	Slc20a2
Mepce	Arhgap24	Whamm	Vdac3
Zkscan1	Mapk10	Btbd1	Polb
Mcm7	Aff1	Tm6sf1	Ikbkb
Ap4m1	Hsd17b13	Sh3gl3	Kat6a
6330418K02Rik	Hsd17b11	Efl1	Gpat4
Zfp157	Sparcl1	Stard5	Golga7
Zfp68	D930016D06Rik	Il16	Zmat4
A430033K04Rik	Zfp951	Mesd	Adam5
Sun1	Gbp9	Fah	Adam9
Get4	Gbp4	Zfand6	Plekha2
Adap1	Gbp10	Ctsc	Tacc1
3110082I17Rik	Lrrc8b	Tmem135	Fgfr1
Zfand2a	Lrrc8c	Eed	Nsd3
Ints1	Lrrc8d	Picalm	Bag4
Mafk	Zfp326	Dlg2	Lsm1
Mad1l1	Gm28050	Ankrd42	Hook3

For Peer Review

Snx8	Gm28039	Pcf11	Rnf170
Eif3b	Zfp644	Rab30	Rab11fip1
Gna12	Cdc7	Ddias	Eif4ebp1
Card11	Glmn	Prcp	Unc5d
Sdk1	Evi5	Nars2	Wrn
Foxk1	Rpl5	Kctd14	Ppp2cb
Ap5z1	Fam69a	Ints4	Gtf2e2
Wipi2	Mtf2	Rsf1	Dusp4
Tnrc18	Tmed5	Clns1a	Tnks
Actb	Ccdc18	Gdpd4	Eri1
Rnf216	Dr1	Capn5	Mfhas1
Kdelr2	Pcgf3	Acer3	Prag1
Daglb	Gak	Emsy	Sgcz
Rac1	Tmem175	Thap12	Tusc3
Cyth3	Idua	Uvrag	Zdhhc2
Usp42	Gm20629	Rps3	Cnot7
D130017N08Rik	4930522L14Rik	Spcs2	Pcm1
Eif2ak1	A430073D23Rik	Pold3	Asah1
Pms2	Gm26779	Pgm2l1	Frg1
Ccz1	Gm15446	Ppme1	Sorbs2
Lmtk2	Zfp932	C2cd3	Snx25
2900089D17Rik	Gm35315	Ucp2	Cfap97
Trrap	Chfr	Mrpl48	Slc25a4
Smurf1	Gm15787	Rab6a	Primpol
Arpc1a	Golga3	Fam168a	Casp3
Arpc1b	Ankle2	Fchsd2	Irf2
Pdap1	Pgam5	Atg16l2	Wwc2
Bud31	Pole	Arap1	Dctd
Ptcd1	Fbrsl1	Pde2a	Neil3
Zfp655	Ddx51	Clpb	Spcs3
Zscan25	Ep400	Numa1	Wdr17
Cyp3a59	Chek2	Rnf121	Glra3
B230303O12Rik	Pitpnb	Xndc1	Fbxo8
Cdk8	Tpst2	Nup98	Hmgb2
Usp12	Myo18b	Pgap2	Galnt7
Rpl21	Sart3	Rhog	Clcn3
Lnx2	Selplg	Stim1	Nek1
Polr1d	Coro1c	Rrm1	Sh3rf1
Flt3	Gm42797	Trim21	Ddx60
Pan3	Ssh1	Trim68	Msmo1
Pomp	Usp30	Trim34a	Klhl2
Mtus2	Ung	Trim5	March1
Slc7a1	Foxn4	Trim12a	Psd3
Ubl3	Kctd10	Trim12c	Atp6v1b2
Hmgb1	Ube3b	Trim30a	Zfp930
Gm42788	Fam222a	Trim30d	D130040H23Rik

For Peer Review

Uspl1	Gltp	Fam160a2	Atp13a1
Wdr95	Git2	Smpd1	Gmip
Hsph1	Ankrd13a	Gm45799	Ndufa13
Fry	1500011B03Rik	Tpp1	Gatad2a
Brca2	Oasl1	Ppfibp2	Mau2
Gm43597	Sppl3	Eif3f	Sugp1
N4bp2l2	Rpl37rt	Ric3	Mef2b
Pds5b	Unc119b	Rpl27a	Tmem161a
1700028E10Rik	Mlec	St5	Sugp2
Gm20559	Rnf10	Tmem9b	Cope
Samd9l	Dynll1	Dennd5a	Upf1
Vps50	Srsf9	Ipo7	Crtc1
Casd1	Gatc	Zfp143	Klhl26
Ppp1r9a	Cox6a1	Wee1	Ell
Pon3	Sirt4	Swap70	Mast3
Pon2	Pxn	Sbf2	Rpl18a
Slc25a13	Rplp0	Rnf141	Ankle1
Sem1	Rab35	Ctr9	Gtpbp3
Sdhaf3	Cit	Eif4g2	Fam129c
Asns	Ccdc60	Galnt18	Jak3
C1galt1	Suds3	Usp47	Fcho1
Mios	Taok3	Arntl	Zfp617
Umad1	Pebp1	Btbd10	Zfp961
A430035B10Rik	Fbxo21	Far1	Tpm4
Glcci1	Fbxw8	Spon1	Hsh2d
Ica1	Med13l	Rras2	Ap1m1
Phf14	Plbd2	Copb1	Klf2
Tmem106b	Tpcn1	Pde3b	Eps15l1
Tmem168	Rasal1	Sox6	Calr3
Bmt2	Dtx1	Plekha7	1700030K09Rik
Ppp1r3a	Oas2	Rps13	Cherp
Mdfic	Oas1b	Pik3c2a	Slc35e1
Capza2	Oas1a	Nucb2	Med26
St7	Ptpn11	Xylt1	Sin3b
Lsm8	Rpl6	Rps15a	Hmgxb4
Ing3	Hectd4	Arl6ip1	Mcm5
Fam3c	Trafd1	Vps35l	Arhgap10
Ndufa5	Naa25	Rexo5	Prmt9
Wasl	Erp29	Dcun1d3	Slc10a7
Pot1a	Acad12	Abca14	Lsm6
Zfp800	Brap	Uqcrc2	Zfp827
Snd1	Atxn2	Mosmo	Mmaa
Rbm28	Sh2b3	Eef2k	Otud4
Impdh1	Ppp1cc	Polr3e	Abce1
Calu	Hvcn1	Mettl9	Anapc10
Opn1sw	Pptc7	Hs3st2	Smarca5

For Peer Review

Irf5	Gpn3	Scnn1b	Gab1
Tnpo3	Arpc3	Cog7	Usp38
Ahcyl2	Atp2a2	Gga2	Inpp4b
Nrf1	P2rx4	Ubfd1	Zfp330
Ube2h	Camkk2	Ndufab1	Tbc1d9
Klhdc10	Anapc5	Palb2	Elmod2
Tmem209	Rnf34	Plk1	Tecr
Copg2	Kdm2b	Prkcb	Gipc1
Lncpint	Orai1	Rbbp6	Pkn1
2210408F21Rik	Rhof	Tnrc6a	Ddx39
Mkln1	AI480526	Arhgap17	Adgre5
Plxna4	Psmd9	Hs3st4	Prkaca
Chchd3	Wdr66	Nsmce1	Rfx1
Exoc4	Bcl7a	Il4ra	Dcaf15
Wdr91	Mlxip	Il21r	Nacc1
Cnot4	Diablo	Gtf3c1	Trmt1
Nup205	Vps33a	D430042O09Rik	Lyl1
Mtpn	Clip1	Xpo6	Calr
Ptn	Zcchc8	Sbk1	Farsa
Creb3l2	Rsrc2	Nfatc2ip	Prdx2
Trim24	Kntc1	Cd19	Tnpo2
Zc3hav1l	Hip1r	Rabep2	Man2b1
Zc3hav1	Gm16001	Sh2b1	Zfp791
Ubn2	Pitpnm2	Atxn2l	Vps35
Fmc1	Mphosph9	Eif3c	Orc6
Luc7l2	2810006K23Rik	Sgf29	4921524J17Rik
Hipk2	Sbno1	Coro1a	Itfg1
Kdm7a	Kmt5a	Mapk3	Phkb
Slc37a3	Rilpl2	Gdpd3	Abcc12
Adck2	Tmed2	Aldoa	Lonp2
Braf	Gtf2h3	Ino80e	Siah1a
Agk	Atp6v0a2	Taok2	N4bp1
E330009J07Rik	Zfp664	Tmem219	Zfp423
Ssbp1	Ncor2	Kctd13	Cnep1r1
Casp2	Scarb1	Maz	Heatr3
Zyx	Ubc	Kif22	Tent4b
Tpk1	Dhx37	Sept1	Adcy7
Cul1	Bri3bp	Zfp771	Brd7
Ezh2	Aacs	Itgal	Nkd1
Pdia4	Tmem132b	Zfp689	Nod2
Zfp398	Slc15a4	Prr14	Cyld
Zfp282	Glt1d1	Srcap	Chd9
Zfp783	5930412G12Rik	Tmem265	Rbl2
Zfp956	Ran	Phkg2	Rpgrip1l
Zfp777	Sfswap	Rnf40	Fto
Zfp746	Psph	Bcl7c	Ces1g

For Peer Review

Krba1	Cct6a	Fbxl19	Amfr
Zfp775	Chchd2	Setd1a	Nup93
Gimap8	Vkorc1l1	Gm49388	Herpud1
Gimap4	Crcp	Kat8	Nlrc5
Gimap6	Tpst1	Fus	Fam192a
Gimap7	Tmem248	Itgad	Rspry1
Gm28053	Tyw1	Armc5	Kifc3
Gimap1	Caln1	BC017158	Cngb1
Gimap5	Galnt17	Tial1	Usb1
Gimap3	Auts2	Inpp5f	Csnk2a2
Gpnmb	Castor2	Mcmbp	Cnot1
Malsu1	Rcc1l	Sec23ip	Got2
Igf2bp3	Ncf1	Wdr11	Cdh8
Tra2a	Gtf2i	Ate1	Cmtm4
Fam221a	Rfc2	Nsmce4a	Cdh16
Mpp6	Lat2	Ikzf5	Cbfb
4921507P07Rik	Eif4h	Chst15	E2f4
Hnrnpa2b1	Bud23	Oat	Atp6v0d1
Cbx3	Mlxipl	Lhpp	Agrp
Snx10	Tbl2	Fam53b	Ripor1
Skap2	Bcl7b	Eef1akmt2	Ctcf
Hoxa1	Baz1b	Zranb1	Carmil2
Hoxaas3	Pom121	Edrf1	Acd
Hibadh	Rhbdd2	Bccip	Ranbp10
Tax1bp1	Por	Dhx32	Cenpt
Creb5	Mdh2	Mki67	Nutf2
Chn2	Ywhag	Mgmt	Edc4
Znrf2	Dtx2	Ebf3	Pskh1
Gars	Rasa4	Glrx3	Slc12a4
Crhr2	Polr2j	Mapk1ip1	Dpep2
Pde1c	Orai2	Ppp2r2d	Dus2
Gm8239	Sh2b2	Inpp5a	Nfatc3
Avl9	Cux1	Tubgcp2	Slc7a6
Kbtbd2	Gm16599	Ric8a	Prmt7
Nt5c3	4933404O12Rik	Sirt3	Tango6
Herc6	Fis1	Psmd13	Chtf8
Lancl2	Ap1s1	Ptdss2	Utp4
Vopp1	Srrt	Rnh1	Cog8
Abcg2	Gigyf1	Phrf1	Tmed6
Herc3	Gnb2	Deaf1	Terf2
Tigd2	Lrch4	Taldo1	Cyb5b
Gm5570	Agfg2	Gatd1	Nfat5
Ccser1	Nyap1	Slc25a22	Nob1
Grid2	Tsc22d4	Rplp2	Wwp2
Smarcad1	Mepce	Chid1	Dhx38
Hpgds	Zkscan1	Ap2a2	Dhodh

For Peer Review

Gng12	Zscan21	Muc2	Ist1
Serbp1	Mcm7	Tollip	Ap1g1
Gm42889	Taf6	Mob2	Phlpp2
Gm30211	Zfp157	Lsp1	Vac14
Eif2ak3	Zfp68	Tspan32	Sf3b3
Krcc1	A430033K04Rik	Nap1l4	Cog4
Rmnd5a	Get4	Cars	Fuk
Rnf103	Adap1	Shank2	St3gal2
Chmp3	Cox19	Ppfia1	Ddx19b
Kdm3a	3110082I17Rik	Tpcn2	Aars
Reep1	Zfand2a	Insr	Glg1
Immt	Mafk	A430078G23Rik	Rfwd3
Ptcd3	Mad1l1	Arhgef18	Fa2h
Polr1a	Snx8	Mcoln1	Znrf1
St3gal5	Eif3b	Pnpla6	Zfp1
Usp39	Chst12	Xab2	Cfdp1
0610030E20Rik	Ttyh3	Stxbp2	Gabarapl2
Mat2a	Brat1	Fcer2a	Adat1
Capg	Gna12	Map2k7	Kars
Elmod3	Card11	Timm44	Terf2ip
Tgoln1	Sdk1	Elavl1	Nudt7
Tcf7l1	Foxk1	Ccl25	Wwox
Kcmf1	Wipi2	Cers4	Cdyl2
Suclg1	Tnrc18	Zfp958	Cenpn
Ctnna2	Actb	Shcbp1	Cmip
Gm4409	Rnf216	Arglu1	Plcg2
Lrrtm4	Rbak	Abhd13	Mphosph6
Gcfc2	Zfp12	Cars2	Mlycd
Pole4	Zfp316	Ankrd10	Mbtps1
Hk2	E130309D02Rik	Arhgef7	Taf1c
Htra2	Zdhhc4	Tubgcp3	Atp2c2
Aup1	0610040B10Rik	Atp11a	Cotl1
Rtkn	Kdelr2	Pcid2	Usp10
Dctn1	Daglb	Cul4a	Zdhhc7
Mthfd2	Rac1	Lamp1	Gse1
Mob1a	Eif2ak1	Tfdp1	1190005I06Rik
Tet3	Pms2	Rasa3	Cox4i1
Stambp	Ccz1	Cfap97d2	Irf8
Gm21284	Lmtk2	Cdc16	Klhdc4
Vax2os	Bhlha15	Fbxo25	Slc7a5
Tex261	Trrap	Dlgap2	Banp
Paip2b	Smurf1	Csmd1	Zfpm1
Zfp638	Arpc1a	Mcph1	Zc3h18
Exoc6b	Arpc1b	Agpat5	Cyba
Sfxn5	Bud31	Alg11	Piezo1
Smyd5	Zfp655	Nek3	Galns

For Peer Review

Pradc1	Zscan25	Ckap2	Cbfa2t3
Cct7	Rnf6	Mrps31	Ankrd11
Alms1	Cdk8	Slc20a2	Spg7
Dusp11	Usp12	Vdac3	Rpl13
Gm19265	Rpl21	Polb	Vps9d1
Pcyox1	Gtf3a	Ikbkb	Fanca
Tia1	Lnx2	Kat6a	Tcf25
Gm44790	Polr1d	Adam32	Afg3l1
C87436	Flt3	Adam9	Gas8
1600020E01Rik	Pan3	Plekha2	Ccsap
Snrnp27	Pomp	Tacc1	Nup133
Gmcl1	Mtus2	Nsd3	Taf5l
Anxa4	Slc7a1	Ddhd2	Urb2
Aak1	Ubl3	Lsm1	Galnt2
Nfu1	1810059H22Rik	Ash2l	Cog2
Gfpt1	Hmgb1	Hgsnat	Ttc13
Arhgap25	Gm42788	Fnta	Arv1
Aplf	Uspl1	Hook3	Gnpat
Rab43	Hsph1	Rnf170	Egln1
Isy1	Fry	Eif4ebp1	Tsnax
Cnbp	N4bp2l1	Unc5d	Disc1
Copg1	N4bp2l2	Tti2	Tomm20
Gm26636	Pds5b	Mak16	Rbm34
Rab7	Stard13	Wrn	Pard3
Rpn1	Gm20559	Purg	Itgb1
Eefsec	Samd9l	Ppp2cb	Alkbh8
Ruvbl1	Vps50	Gtf2e2	Cwf19l2
Sec61a1	Gngt1	Rbpms	Gucy1a2
Mgll	Bet1	Dctn6	Msantd4
Mcm2	Casd1	Dusp4	Casp1
Plxna1	Ppp1r9a	Tnks	Casp4
Chchd6	Pon2	Eri1	Pdgfd
Zxdc	Slc25a13	Mfhas1	Dync2h1
Iqsec1	Gm20619	Prag1	Dcun1d5
Nup210	Sem1	Sgcz	Tmem123
Chchd4	Sdhaf3	Tusc3	Birc2
AC161456.1	Asns	Vps37a	Birc3
Slc6a6	C1galt1	Pcm1	Arhgap42
Ccdc174	Mios	Asah1	Cntn5
Nr2c2	Rpa3	Frg1	Ccdc82
Prickle2	Umad1	Sorbs2	Maml2
9530026P05Rik	Glcci1	Ufsp2	Mtmr2
Magi1	Ica1	Ankrd37	Cep57
Kbtbd8	Ndufa4	Snx25	Fam76b
Suclg2	Phf14	Cfap97	Sesn3
Fam19a4	Tmem106b	Acsl1	Cwc15

For Peer Review

Eogt	Tmem168	Cenpu	Mre11a
Tmf1	Bmt2	Primpol	Panx1
Uba3	2610001J05Rik	Casp3	Taf1d
Arl6ip5	Ppp1r3a	Irf2	Cep295
Mitf	Mdfic	Trappc11	Smco4
Foxp1	Tes	Rwdd4a	Chordc1
Eif4e3	Capza2	Dctd	Zfp317
Rybp	St7	Tenm3	Zfp560
Shq1	Ing3	Neil3	Zfp26
Ppp4r2	Fam3c	Gpm6a	Zfp426
Chl1	Ndufa5	Cep44	Zfp266
Il5ra	Wasl	Fbxo8	Fbxl12
Trnt1	Pot1a	Hmgb2	Pin1
Crbn	Grm8	Galnt7	Ppan
Sumf1	Zfp800	Galntl6	Dnmt1
Itpr1	Gcc1	Hpf1	Icam1
Arl8b	Arf5	Clcn3	Raver1
Edem1	Snd1	Nek1	Tyk2
Grm7	Rbm28	Sh3rf1	Cdc37
Rad18	Impdh1	Spock3	Keap1
Srgap3	Calu	Tll1	Slc44a2
Thumpd3	Atp6v1f	Msmo1	Ilf3
Gt(ROSA)26Sor	Irf5	Klhl2	Dnm2
Setd5	Tnpo3	March1	AB124611
Mtmr14	Ahcyl2	Psd3	Carm1
Brpf1	Nrf1	Csgalnact1	Smarca4
Ogg1	Ube2h	Ints10	Ldlr
Camk1	Zc3hc1	Atp6v1b2	Dock6
Arpc4	Klhdc10	Zfp930	Zfp810
Ttll3	Tmem209	D130040H23Rik	Anln
Jagn1	Cpa2	Zfp868	Bbs9
Il17re	Copg2	Zfp963	Bmper
Creld1	Lncpint	Gm20422	Dpy19l1
Fancd2	Mkln1	Atp13a1	Herpud2
Vhl	Chchd3	Gmip	Ncapd3
Irak2	Exoc4	Gatad2a	Ntm
Tatdn2	Slc35b4	Mau2	Snx19
Sec13	Cnot4	Cope	Adamts8
Atg7	Nup205	Upf1	Zbtb44
Vgll4	1810058I24Rik	Crtc1	Aplp2
Syn2	Mtpn	Klhl26	Prdm10
Gm36355	Ptn	Uba52	Nfrkb
Mkrn2	Dgki	Kxd1	Arhgap32
Raf1	Creb3l2	Ell	Fli1
Rpl32	Trim24	Lsm4	Ets1
Mbd4	Atp6v0a4	Pde4c	Kirrel3

For Peer Review

Ift122	Zc3hav1	Mast3	Dcps
Plxnd1	Ubn2	Rpl18a	Srpr
Tmcc1	Fmc1	Pgls	Fam118b
Washc2	Luc7l2	Fam129c	Rpusd4
Zfand4	Klrg2	Jak3	Cdon
Zfp422	Hipk2	Zfp617	Hyls1
Rassf4	Kdm7a	Zfp961	Pate2
Hnrnpf	Ndufb2	Cyp4f18	Stt3a
Csgalnact2	Braf	Tpm4	Ei24
Bms1	Agk	Rab8a	Ccdc15
Dcp1b	E330009J07Rik	Hsh2d	Msantd2
Adipor2	Ssbp1	Ap1m1	Hspa8
Erc1	Trpv5	Eps15l1	Ubash3b
Wnk1	Casp2	1700030K09Rik	Sorl1
B4galnt3	Tpk1	Cherp	Sc5d
Ccdc77	Cntnap2	Slc35e1	Tbcel
Kdm5a	Cul1	Med26	Arhgef12
Il17ra	Ezh2	Large1	Gm49380
Hdhd5	Pdia4	Hmgxb4	Mcam
Cecr2	Zfp398	Mcm5	Cbl
Atp6v1e1	Zfp282	Arhgap10	Dpagt1
Bcl2l13	Zfp212	Prmt9	Vps11
Bid	Zfp783	Slc10a7	Hyou1
Mical3	Zfp746	Lsm6	Rps25
Usp18	Lrrc61	Zfp827	Bcl9l
Gm44148	Repin1	1700011L22Rik	Cxcr5
Aicda	Gimap8	Mmaa	Ddx6
Apobec1	Gimap9	Otud4	Arcn1
Slc2a3	Gimap4	Abce1	Ift46
Foxj2	Gimap6	Anapc10	Kmt2a
A330044P14Rik	Gimap7	Gypa	Atp5l
Lpcat3	Gm28053	Smarca5	Ube4a
Phb2	Gimap1os	Usp38	Jaml
Ptpn6	Gimap1	Inpp4b	Scn4b
Grcc10	Gimap5	Il15	Il10ra
Usp5	Gimap3	Zfp330	Dscaml1
Zfp384	Malsu1	Tecr	Cep164
Ing4	Tra2a	Pkn1	Pcsk7
Acrbp	Ccdc126	Ddx39	Sidt2
Chd4	Mpp6	Adgre5	Pafah1b2
Nop2	Hnrnpa2b1	Adgrl1	Sik3
Iffo1	Cbx3	Gm10644	Bud13
Gapdh	Skap2	Prkaca	Nxpe2
Ncapd2	Hoxa1	Il27ra	Nxpe4
Mrpl51	Hoxa3	Dcaf15	Rexo2
Vamp1	Hibadh	Nacc1	Sdhd

For Peer Review

Ntf3	Tax1bp1	Trmt1	Nkapd1
Rad51ap1	Jazf1	Lyl1	Alg9
D6Wsu163e	Creb5	Rad23a	Ppp2r1b
Tigar	Chn2	Calr	Sik2
Ccnd2	Znrf2	Gcdh	Pou2af1
Parp11	Gars	Prdx2	Rdx
Cracr2a	Crhr2	Tnpo2	Ddx10
Gm44511	Mindy4	Man2b1	Npat
BC035044	Pde1c	Zfp791	Acat1
Clec2i	Avl9	Vps35	Cul5
Gm15987	Kbtbd2	Orc6	Slc35f2
Clec2d	Ppm1k	4921524J17Rik	Acsbg1
2310001H17Rik	Herc6	Dnaja2	Ireb2
Cd69	Lancl2	Neto2	Psma4
Clec12a	Vopp1	Itfg1	Ube2q2
Gabarapl1	Herc3	Phkb	Fbxo22
Klri2	Gm5570	Lonp2	Etfa
Klra4	Grid2	Siah1a	Scaper
Ybx3	Smarcad1	N4bp1	Pstpip1
Etv6	Mad2l1	Zfp423	Peak1
Lrp6	Gng12	Cnep1r1	Hmg20a
Borcs5	Serbp1	Heatr3	Sin3a
Dusp16	Gm30211	Tent4b	Neil1
Crebl2	Rpia	Adcy7	1700017B05Rik
Cdkn1b	Eif2ak3	Brd7	Ppcdc
Lockd	Krcc1	Nod2	Cox5a
Ddx47	Rmnd5a	Cyld	Scamp2
Fam234b	Chmp3	Chd9	Csk
Atf7ip	Kdm3a	Rbl2	Edc3
Plbd1	Mrpl35	Aktip	Clk3
Gucy2c	Immt	Rpgrip1l	Arid3b
Wbp11	Ptcd3	Fto	Ubl7
Erp27	Polr1a	Gnao1	Sema7a
Arhgdib	St3gal5	Amfr	Pml
Eps8	Usp39	Nudt21	Stoml1
Strap	0610030E20Rik	Ogfod1	Nptn
Dera	Rnf181	Nup93	Adpgk
Mgst1	Mat2a	Herpud1	Arih1
Lmo3	Capg	Nlrc5	Hexa
Plekha5	Tgoln1	Fam192a	Parp6
Aebp2	Tcf7l1	Rspry1	Pkm
Recql	Kcmf1	Ciapin1	Gramd2
Golt1b	Suclg1	Coq9	Thsd4
Cmas	Ctnna2	Katnb1	Uaca
St8sia1	Lrrtm4	Csnk2a2	Tle3
C2cd5	Gcfc2	Cnot1	Rplp1

For Peer Review

Etnk1	Mrpl19	Got2	Kif23
D6Ertd474e	Pole4	Cdh8	Glce
Sox5	Hk2	Cklf	Anp32a
Bcat1	M1ap	Cmtm4	Fem1b
Lrmp	Aup1	Dync1li2	Cln6
Kras	Mogs	Nae1	Pias1
Bhlhe41	Ino80b	Cbfb	Map2k5
Itpr2	Rtkn	E2f4	Aagab
Ints13	Dctn1	Zdhhc1	Smad3
Fgfr1op2	Mthfd2	Atp6v0d1	Zwilch
Med21	Mob1a	Agrp	Rpl4
Ppfibp1	Bola3	Ctcf	Map2k1
Klhl42	Tet3	Carmil2	Tipin
Ccdc91	Stambp	Cenpt	Rab11a
Ergic2	Tex261	Nutf2	Dennd4a
Ipo8	Paip2b	Pskh1	Ints14
Caprin2	Zfp638	Dus2	Hacd3
Sinhcaf	Dysf	Nfatc3	Dpp8
Dennd5b	Exoc6b	Slc7a6	Mtfmt
Etfbkmt	Cct7	Prmt7	Spg21
Amn1	Alms1	Tango6	Plekho2
Resf1	Tprkb	Utp4	Trip4
Bicd1	Dusp11	Cog8	Pclaf
Myadm	Pcyox1	Terf2	Csnk1g1
Prkcg	Tia1	Cyb5b	Ppib
Gm15927	1600020E01Rik	Nfat5	Snx1
Prpf31	Snrnp27	Nob1	Ciao2a
Cnot3	Gmcl1	Wwp2	Herc1
Mboat7	Anxa4	Psmd7	Usp3
Rps9	Aak1	Dhx38	Car12
Pirb	Nfu1	Dhodh	Rab8b
Lair1	Gfpt1	Pkd1l3	Tpm1
Ttyh1	Antxr1	Ist1	Tln2
Leng8	Arhgap25	Zfp821	Vps13c
Ppp1r12c	Rab43	Ap1g1	Ice2
Ppp6r1	Isy1	Phlpp2	Gtf2a2
Hspbp1	Cnbp	Vac14	Myo1e
Kmt5c	Copg1	Sf3b3	Ccnb2
Il11	Gm26636	Cog4	Rnf111
Rpl28	Hmces	St3gal2	Sltm
Ube2s	Rab7	Ddx19b	Mindy2
Isoc2a	Rpn1	Aars	Adam10
Fiz1	Eefsec	Pdpr	Lipc
Zfp524	Ruvbl1	Glg1	Aldh1a2
Zfp865	Sec61a1	Rfwd3	Polr2m
Ccdc106	Mcm2	Wdr59	Myzap

For Peer Review

U2af2	Tpra1	Znrf1	Tcf12
Epn1	Chchd6	Cfdp1	Zfp280d
Zfp787	Iqsec1	Gabarapl2	Tex9
Zfp444	Nup210	Adat1	Rfx7
Zfp667	Chchd4	Kars	Nedd4
Zfp329	Tmem43	Cntnap4	Rab27a
Zfp110	Lsm3	Wwox	Fam214a
Zscan22	Slc6a6	Cdyl2	Arpp19
Rps5	Ccdc174	Cmc2	Myo5a
Rnf225	Nr2c2	Cenpn	Mapk6
Trim28	Prickle2	Gan	Leo1
Ube2m	Magi1	Cmip	Tmod3
Lig1	Suclg2	Plcg2	Tmod2
Pla2g4c	Tmf1	Cdh13	Hcrtr2
Crx	Uba3	Mbtps1	Lrrc1
Selenow	Arl6ip5	Tldc1	Gclc
Ehd2	Foxp1	Cotl1	Elovl5
Bicra	Prok2	Usp10	Fbxo9
Napa	Rybp	Gse1	Eef1a1
Kptn	Shq1	Gins2	Cd109
Dhx34	Ppp4r2	1190005I06Rik	Tmem30a
Ccdc9	Gm9871	Cox4i1	Senp6
Bbc3	Chl1	Irf8	Phip
Sae1	Cntn4	Klhdc4	Hmgn3
Zc3h4	Il5ra	Banp	Lca5
Arhgap35	Sumf1	Zfpm1	Ttk
Slc1a5	Itpr1	Zc3h18	Bckdhb
Strn4	Bhlhe40	Cyba	Ibtk
Prkd2	Arl8b	Piezo1	Ube2cbp
Dact3	Edem1	Galns	Dop1a
Ptgir	Rad18	Cbfa2t3	Cyb5r4
Calm3	Thumpd3	Acsf3	Cep162
Ppp5c	Gt(ROSA)26Sor	Ankrd11	Tbx18
Hif3a	Setd5	Spg7	Snx14
Gm44613	Mtmr14	Rpl13	Gm20537
Mypopos	Camk1	Vps9d1	Syncrip
Sympk	Arpc4	Fanca	Mthfsl
Fbxo46	Ttll3	Tcf25	Bcl2a1d
Eml2	Jagn1	Afg3l1	Bcl2a1b
Ppp1r37	Il17re	Nup133	Mthfs
Gemin7	Emc3	Taf5l	Ctsh
Clasrp	Fancd2	Galnt2	Morf4l1
Relb	Brk1	Cog2	Slc9a9
Clptm1	Vhl	Ttc13	U2surp
Tomm40	Irak2	2810004N23Rik	Xrn1
Nectin2	Sec13	Gnpat	Gk5

For Peer Review

Bcl3	Atp2b2	Sprtn	Atp1b3
Zfp180	Atg7	Egln1	Rasa2
Zfp61	Vgll4	Tsnax	Zbtb38
Zfp94	Raf1	Disc1	Pxylp1
Smg9	Rpl32	Sipa1l2	Slc25a36
Ethe1	Mbd4	Tomm20	Nmnat3
Rps19	Plxnd1	Rbm34	Copb2
Cd79a	Tmcc1	Itgb1	Cep70
Arhgef1	Washc2	2610044O15Rik8	Esyt3
Pou2f2	Zfand4	Alkbh8	Armc8
Cic	Zfp422	Cwf19l2	Nck1
Lipe	Rassf4	Gucy1a2	Stag1
4732471J01Rik	Cxcl12	Aasdhppt	Pccb
Ceacam1	Hnrnpf	Kbtbd3	Msl2
Ceacam2	Bms1	Msantd4	Cep63
Exosc5	Ankrd26	Casp4	1300017J02Rik
B9d2	Dcp1b	Dync2h1	Topbp1
Tgfb1	Adipor2	Dcun1d5	Bfsp2
Ccdc97	Erc1	Tmem123	Tmem108
Hnrnpul1	Wnk1	Birc2	Uba5
Egln2	Ninj2	Birc3	Dnajc13
Rab4b	Ccdc77	Arhgap42	Mrpl3
BC024978	Kdm5a	Cntn5	Atp2c1
Itpkc	Il17ra	Ccdc82	Glyctk
Sertad1	Cecr2	Maml2	Wdr82
2310022A10Rik	Slc25a18	Mtmr2	Tlr9
Akt2	Atp6v1e1	Cep57	Rpl29
Zfp60	Bcl2l13	Fam76b	Rad54l2
Zfp626	Bid	Sesn3	Dcaf1
Zfp59	Mical3	Cwc15	Manf
Zfp607a	Gm43915	Mre11a	Gnai2
Zfp974	Usp18	Panx1	Rbm5
Zfp780b	M6pr	Med17	Rbm6
Zfp850	Aicda	Taf1d	Uba7
Dyrk1b	Apobec1	Cep295	Ip6k1
Supt5	Slc2a3	Smco4	Rnf123
Rps16	Foxj2	Chordc1	Dag1
Zfp36	Necap1	Zfp317	Rhoa
Gmfg	A330044P14Rik	Zfp560	Gpx1
Pak4	Lpcat3	Zfp26	Usp4
Nfkbib	Emg1	Zfp426	Usp19
Sirt2	Phb2	Zfp266	Qars
Hnrnpl	Ptpn6	Fbxl12	Qrich1
Actn4	Grcc10	Pin1	Impdh2
Map4k1	Atn1	Ppan	Dalrd3
Sipa1l3	Tpi1	Dnmt1	Wdr6

For Peer Review

Zfp84	Usp5	Mrpl4	Arih2
Zfp27	Cdca3	Raver1	Slc25a20
Zfp74	Ptms	Tyk2	Celsr3
Zfp568	Mlf2	Pde4a	Uqcrc1
Zfp82	Cops7a	Keap1	Shisa5
Zfp260	Zfp384	Cdkn2d	Atrip
Zfp382	Acrbp	Slc44a2	Tma7
Zfp146	Lpar5	Ilf3	Cdc25a
Wdr62	Chd4	Dnm2	Map4
Hcst	Nop2	AB124611	Dhx30
Nfkbid	Iffo1	Carm1	Smarcc1
Psenen	Gapdh	Smarca4	Scap
Kmt2b	Ncapd2	Ldlr	Klhl18
Zbtb32	Vamp1	Kank2	Setd2
Cox6b1	Tapbpl	Dock6	Ccdc12
Rbm42	Ano2	Zfp653	Prss44
Gm21982	Ndufa9	Elof1	Lrrfip2
Haus5	Rad51ap1	Zfp809	Mlh1
Cd22	D6Wsu163e	Zfp810	Epm2aip1
Scn1b	Ccnd2	Anln	Pdcd6ip
Gramd1a	Parp11	Rp9	Clasp2
Uba2	Tead4	Bbs9	Ubp1
Gpi1	Tulp3	Dpy19l1	Fbxl2
4931406P16Rik	Rhno1	Herpud2	Tmppe
Lsm14a	Foxm1	Acad8	Glb1
Pepd	Itfg2	Ncapd3	Cnot10
Cebpg	Fkbp4	Snx19	Cmtm6
Lrp3	Gm44511	Zbtb44	Cmtm7
Cep89	BC035044	St14	Gpd1l
Ankrd27	Gm15987	Nfrkb	Stt3b
Zfp507	Clec2d	Fli1	Gadl1
Uri1	Cd69	Ets1	Tgfbr2
Gm37494	Klri2	St3gal4	Rbms3
AI987944	Klra4	Dcps	Azi2
AW146154	Ybx3	Tirap	Golga4
2610021A01Rik	Etv6	Foxred1	Ctdspl
Zfp788	Lrp6	Srpr	Oxsr1
Zfp141	Borcs5	Fam118b	Xylb
Zfp715	Dusp16	Cdon	Csrnp1
Siglecg	Cdkn1b	Hyls1	Slc25a38
Etfb	Lockd	Chek1	Rpsa
Zfp719	Fam234b	Stt3a	Rpl14
2410002F23Rik	Grin2b	Tmem218	Ctnnb1
Emc10	Atf7ip	Ccdc15	Ulk4
Spib	Wbp11	Msantd2	Trak1
Nr1h2	Arhgdib	Gramd1b	Nktr

For Peer Review

Napsa	Strap	Hspa8	Snrk
Nup62	Dera	Ubash3b	Zfp445
Tbc1d17	Lmo3	Sorl1	1110059G10Rik
Med25	Pik3c2g	Sc5d	Kif15
Ap2a1	Plekha5	Tbcel	Zdhhc3
Prmt1	Aebp2	Arhgef12	Exosc7
Bcl2l12	Slco1a4	Mcam	Lars2
Rras	Recql	Cbl	Limd1
Nosip	Golt1b	Vps11	Sacm1l
Rps11	Cmas	Hyou1	Fyco1
Rpl13a	C2cd5	Slc37a4	2010315B03Rik
Cd37	Etnk1	Bcl9l	Ccdc22
Ppfia3	Sox5	Cxcr5	Gpkow
Snrnp70	Bcat1	Ddx6	Gripap1
Ruvbl2	Lrmp	Phldb1	Otud5
Gys1	Casc1	Arcn1	Pim2
Ftl1	Kras	Ift46	Gata1
Bax	Bhlhe41	Kmt2a	Suv39h1
Nucb1	Itpr2	Atp5l	Rbm3
Bcat2	Ints13	Ube4a	Cybb
Dbp	Fgfr1op2	Il10ra	Bcor
Sphk2	Tm7sf3	Cep164	Atp6ap2
Cyth2	Klhl42	Rnf214	Med14
Grwd1	Ergic2	Pcsk7	Usp9x
Kdelr1	Ipo8	Sidt2	Ddx3x
Abcc6	Sinhcaf	Pafah1b2	Maoa
Nomo1	Dennd5b	Sik3	Fundc1
Sergef	Resf1	Bud13	Kdm6a
Saal1	Myadm	Cadm1	Slc9a7
Hps5	Ndufa3	Nxpe2	Rp2
Gtf2h1	Cnot3	Rexo2	Jade3
Ldha	Mboat7	Rbm7	Rbm10
Tsg101	Tsen34	Usp28	Uba1
Uevld	Rps9	Tmprss5	Araf
Spty2d1	Ttyh1	Dlat	Cfp
Zdhhc13	Leng8	Dixdc1	Elk1
Prmt3	Rdh13	Alg9	Zfp182
Nell1	Eps8l1	Sik2	Wdr44
Tubgcp5	Ppp1r12c	Pou2af1	Dock11
Cyfip1	Tmem86b	Rdx	Slc25a43
Nipa2	Ppp6r1	Ddx10	Slc25a5
Herc2	Hspbp1	Npat	C330007P06Rik
Gabrg3	Kmt5c	Acat1	Ube2a
Gabrb3	Rpl28	Cul5	Sept6
Atp10a	Zfp579	Rab39	Rpl39
Ube3a	Fiz1	Slc35f2	Upf3b

For Peer Review

Gm9801	Zfp865	Wdr61	Nkap
Klf13	Zfp580	Ireb2	Btg1-ps2
Mcee	Gm15510	Hykk	Lamp2
Tm2d3	U2af2	Psma4	Mcts1
Snrpa1	Epn1	Ube2q2	Thoc2
Selenos	Zfp583	Fbxo22	Xiap
Chsy1	Zim3	Etfa	Stag2
Lrrk1	Gm45844	Scaper	Tenm1
Asb7	Clcn4	Pstpip1	Ocrl
Lins1	2900092C05Rik	Tspan3	Sash3
Mef2a	Zfp329	Peak1	Utp14a
Lrrc28	Zscan22	Hmg20a	Elf4
Ttc23	Rps5	Ptpn9	Aifm1
Igf1r	Rnf225	Sin3a	Zfp280c
Pgpep1l	Trim28	Man2c1	Rbmx2
Fam169b	Ube2m	1700017B05Rik	Enox2
Mctp2	Lig1	Ppcdc	Stk26
A730056A06Rik	Pla2g4c	Scamp2	Mbnl3
Chd2	Sult2a8	Ulk3	Gpc3
1810026B05Rik	Selenow	Csk	Phf6
Slco3a1	Nop53	Edc3	Hprt
Sv2b	Ehd2	Clk3	Fam122b
Akap13	Bicra	Arid3b	Mospd1
AU020206	Ccdc9	Ubl7	Ints6l
Agbl1	Bbc3	Sema7a	Slc9a6
Mrpl46	Sae1	Pml	Fhl1
Det1	Zc3h4	Stoml1	Arhgef6
Aen	Tmem160	Nptn	Rbmx
Isg20	Arhgap35	Neo1	Atp11c
Abhd2	Slc1a5	Adpgk	Fmr1
Fanci	Fkrp	Bbs4	Ids
Polg	Strn4	Arih1	Mtm1
Ticrr	Prkd2	Parp6	Mtmr1
Ap3s2	Dact3	Pkm	Gabra3
Zfp710	Calm3	Tle3	Nsdhl
Sema4b	Ppp5c	Kif23	Zfp275
Cib1	Hif3a	Paqr5	Haus7
Ttll13	Gm44613	Glce	Atp2b3
Prc1	Mypopos	Anp32a	Bcap31
Man2a2	Sympk	Coro2b	Abcd1
Blm	Qpctl	Fem1b	Ssr4
Crtc3	Opa3	Pias1	Arhgap4
Iqgap1	Vasp	Map2k5	Naa10
Gm44649	Bloc1s3	2300009A05Rik	Hcfc1
Sec11a	Ppp1r37	Smad3	Mecp2
Zfp592	Gemin7	Zwilch	Flna

For Peer Review

Alpk3	Zfp296	Rpl4	Emd
Pde8a	Clasrp	Map2k1	Rpl10
Cpeb1	Relb	Tipin	Taz
Whamm	Clptm1	Rab11a	Atp6ap1
Btbd1	Tomm40	Dennd4a	Gdi1
Tm6sf1	Nectin2	Hacd3	Gab3
Sh3gl3	Bcl3	Dpp8	Mpp1
Efl1	Ceacam16	Clpx	Cmc4
Stard5	Pvr	Mtfmt	Brcc3
Il16	Zfp180	Plekho2	Vbp1
Mesd	Zfp235	Zfp609	Tbl1x
Fah	Zfp108	Trip4	Dmd
Zfand6	Smg9	Pclaf	Tab3
Ctsc	Plaur	Csnk1g1	Gk
Tmem135	Irgq	Snx1	5430427O19Rik
Eed	Xrcc1	Ciao2a	Il1rapl1
E230029C05Rik	Rps19	Dapk2	Arx
Picalm	Cd79a	Herc1	Pola1
Dlg2	Arhgef1	Usp3	Pdk3
Ankrd42	Rabac1	Rab8b	Zfx
Gm26944	Grik5	Tpm1	Eif2s3x
Pcf11	Pou2f2	Tln2	Klhl15
4632427E13Rik	Gsk3a	Vps13c	Msn
Rab30	9130221H12Rik	Rora	Heph
Ddias	Cic	Ice2	Eda2r
Prcp	Pafah1b3	Gtf2a2	Ophn1
Nars2	Lipe	Myo1e	Eda
Usp35	4732471J01Rik	Rnf111	Igbp1
Kctd14	Ceacam1	Sltm	Kif4
Ints4	B3gnt8	Mindy2	Slc7a3
Rsf1	Bckdha	Adam10	Snx12
Clns1a	Exosc5	Aldh1a2	Il2rg
Gdpd4	Tgfb1	Polr2m	Med12
Capn5	Ccdc97	Myzap	Nono
Acer3	Hnrnpul1	Cgnl1	Itgb1bp2
Emsy	Egln2	Tcf12	Taf1
Thap12	Snrpa	Zfp280d	Ogt
Uvrag	BC024978	Mns1	Nhsl2
Rps3	2310022A10Rik	Tex9	Rps4x
Spcs2	Akt2	Rfx7	Cited1
Pold3	Zfp60	Nedd4	Hdac8
Pgm2l1	Zfp626	Rab27a	Phka1
Ppme1	Zfp59	Rsl24d1	Rlim
C2cd3	Zfp607a	Fam214a	Abcb7
Ucp2	Zfp850	Arpp19	Pbdc1
Mrpl48	Psmc4	Myo5a	Atrx

For Peer Review

Rab6a	Timm50	Mapk6	Atp7a
Gm35082	Supt5	Leo1	Pgk1
Fam168a	Rps16	Tmod3	P2ry10
Fchsd2	Plekhg2	Hcrtr2	P2ry10b
Atg16l2	Zfp36	Lrrc1	Gpr174
Arap1	Paf1	Gclc	Brwd3
Pde2a	Samd4b	Elovl5	Sh3bgrl
Clpb	Pak4	Fbxo9	Rps6ka6
Numa1	Nfkbib	Ick	Chm
Rnf121	Sirt2	Mto1	Dach2
Xndc1	Hnrnpl	Eef1a1	Pcdh11x
Nup98	Actn4	Slc17a5	Diaph2
Pgap2	Eif3k	Senp6	Cstf2
Rhog	Map4k1	Mei4	Trmt2b
Stim1	Psmd8	Phip	Cenpi
Rrm1	Kcnk6	Hmgn3	Btk
Trim21	Sipa1l3	Ttk	Gprasp1
Trim68	Zfp84	Bckdhb	Tceal7
Trim34a	Zfp27	Ibtk	Morf4l2
Trim5	C230062I16Rik	Ube2cbp	Mum1l1
Trim12a	Zfp82	Pgm3	Tbc1d8b
Gm15133	Zfp260	Prss35	Rbm41
Trim12c	Zfp146	Cyb5r4	Prps1
Trim30b	Capns1	Cep162	Atg4a
Trim30a	Nfkbid	Snx14	Col4a5
Trim30d	Kmt2b	Syncrip	Gucy2f
Fam160a2	Zbtb32	Mthfsl	Acsl4
Smpd1	Cox6b1	Bcl2a1d	Tmem164
Timm10b	Rbm42	Bcl2a1b	Ammecr1
Gm45799	Tmem147	Mthfs	Alg13
Tpp1	Cd22	Ctsh	Rtl4
Ppfibp2	Usf2	Morf4l1	Htr2c
Eif3f	Gm4673	Plscr1	Tmem29
Ric3	Fxyd1	Slc9a9	Apex2
Rpl27a	Scn1b	U2surp	Fam120c
St5	Wtip	Xrn1	Phf8
Tmem9b	Uba2	Gk5	Huwe1
Dennd5a	Gpi1	Tfdp2	Smc1a
Ipo7	4931406P16Rik	Atp1b3	Kdm5c
1600010M07Rik	Lsm14a	Rasa2	Kantr
Zfp143	Gm12764	Zbtb38	Gpr143
Wee1	Pepd	Slc25a36	Rragb
Swap70	Cebpg	Nmnat3	Acot9
Sbf2	Gpatch1	Copb2	Prdx4
Rnf141	Cep89	Faim	Gm15155
Ctr9	Ankrd27	Armc8	Sms

For Peer Review

Eif4g2	Dpy19l3	Nck1	Mbtps2
1700012D14Rik	Zfp507	Stag1	Smpx
Galnt18	Tshz3	Msl2	Rps6ka3
Usp47	Uri1	Ppp2r3a	Eif1ax
Arntl	1600014C10Rik	Cep63	Map7d2
Btbd10	Gm37494	Srprb	Bclaf3
Far1	AI987944	Topbp1	Sh3kbp1
Spon1	AW146154	Uba5	Pdha1
Rras2	2610021A01Rik	Acad11	Cdkl5
Copb1	Zfp788	Dnajc13	Nhs
4933406I18Rik	Zfp141	Acpp	Rbbp7
Pde3b	Zfp977	Mrpl3	Txlng
Sox6	Zfp975	Nek11	Syap1
Plekha7	Siglecg	Atp2c1	Ctps2
Rps13	Etfb	Pik3r4	Ap1s2
Gm44777	2410002F23Rik	Wdr82	Zrsr2
Pik3c2a	Shank1	Ppm1m	Piga
Nucb2	Josd2	Tlr9	Glra2
Xylt1	Emc10	Alas1	Ofd1
Rps15a	Spib	Poc1a	Tmsb4x
Arl6ip1	Pold1	Acy1	Tlr7
Smg1	Nr1h2	Abhd14a	Prps2
Vps35l	Napsa	Parp3	Frmpd4
Rexo5	Zfp473	Rrp9	Arhgap6
Dcun1d3	Vrk3	Tex264	Gm28961
Abca14	Nup62	Rad54l2	Gm47283
Uqcrc2	Ap2a1	Dcaf1	
9030407P20Rik	Prmt1	Mapkapk3	
Mosmo	Irf3	Cacna2d2	
Eef2k	Rras	Gnai2	
Polr3e	Nosip	Rbm5	
Mettl9	Rps11	Rbm6	
Gm36736	Gm45552	Mon1a	
Hs3st2	Rpl13a	Traip	
Scnn1b	Flt3l	Uba7	
Cog7	Aldh16a1	Ip6k1	
Gga2	Ccdc155	Rnf123	
Ubfd1	Cd37	Bsn	
Ndufab1	Snrnp70	Dag1	
Palb2	Ruvbl2	Rhoa	
Plk1	Gys1	Usp4	
Prkcb	Ftl1	Usp19	
Rbbp6	Nucb1	Qrich1	
Tnrc6a	Bcat2	Arih2	
Arhgap17	Sphk2	Slc25a20	
Hs3st4	Rpl18	Ip6k2	

For Peer Review

Nsmce1	Sult2b1	Nckipsd
Il4ra	Kcnj14	Celsr3
Il21r	Kdelr1	Uqcrc1
Gtf3c1	Emp3	Col7a1
D430042O09Rik	Nomo1	Shisa5
Xpo6	Sergef	Cdc25a
Sbk1	Saal1	Map4
Nfatc2ip	Hps5	Dhx30
Cd19	Gtf2h1	Smarcc1
Rabep2	Ldha	Scap
Sh2b1	Tsg101	Setd2
Atxn2l	C86187	Nbeal2
Eif3c	Spty2d1	Ccdc12
Sgf29	Zdhhc13	Lrrfip2
Coro1a	E2f8	Mlh1
Mapk3	Htatip2	Epm2aip1
Gdpd3	Prmt3	Stac
Aldoa	Nell1	Pdcd6ip
Ino80e	Tubgcp5	Clasp2
Taok2	Cyfip1	Ubp1
Tmem219	Nipa2	Tmppe
Kctd13	Herc2	Glb1
Maz	Atp10a	Cnot10
Kif22	Ube3a	Dync1li1
Cd2bp2	Gm9801	Cmtm6
Tbc1d10b	Klf13	Cmtm7
Sept1	Gm32633	Gpd1l
Zfp771	Snrpa1	Stt3b
Itgal	Selenos	Tgfbr2
Zfp689	Chsy1	Golga4
B130055M24Rik	Lrrk1	Oxsr1
Prr14	Asb7	Acaa1a
Fbrs	Mef2a	Xylb
Srcap	Lrrc28	Csrnp1
Tmem265	Fam169b	Rpsa
Phkg2	Mctp2	Ctnnb1
Rnf40	Chd2	Ulk4
Bcl7c	1810026B05Rik	Trak1
Fbxl19	Slco3a1	Nktr
Setd1a	Sv2b	Abhd5
Gm49388	1500012K07Rik	Zfp445
Kat8	Akap13	Zkscan7
Fus	AU020206	Kif15
Itgad	Agbl1	Zdhhc3
Armc5	Mrps11	Exosc7
BC017158	Det1	Limd1

For Peer Review

Tial1	Aen	Sacm1l
Inpp5f	Abhd2	Slc6a20a
Mcmbp	Fanci	Ccr9
Sec23ip	Polg	Fyco1
Wdr11	Ticrr	2010315B03Rik
Ate1	Wdr93	Shroom4
Nsmce4a	Ap3s2	Clcn5
Plekha1	Zfp710	Ccdc22
Ikzf5	Sema4b	Gpkow
Chst15	Cib1	Wdr45
Oat	Ngrn	Tfe3
Lhpp	Prc1	Gripap1
Fam53b	Man2a2	Otud5
Eef1akmt2	Furin	Pim2
1500002F19Rik	Blm	Gata1
Zranb1	Crtc3	Suv39h1
Edrf1	Iqgap1	Rbm3
Bccip	Sec11a	Tbc1d25
Dhx32	Zfp592	Cybb
Mki67	Pde8a	Rpgr
Mgmt	Whamm	Bcor
Ebf3	Ramac	Med14
Glrx3	Btbd1	Usp9x
Mapk1ip1	Efl1	Cask
Ppp2r2d	Stard5	Fundc1
Inpp5a	Il16	Kdm6a
Tubgcp2	Cemip	Chst7
Ric8a	Abhd17c	Slc9a7
Sirt3	Zfand6	Rp2
Psmd13	Ctsc	Jade3
Ptdss2	Tmem135	Rbm10
Rnh1	Me3	Uba1
Phrf1	Hikeshi	Cdk16
Deaf1	Eed	Araf
Taldo1	Picalm	Cfp
Gatd1	Crebzf	Elk1
Slc25a22	Tmem126a	Uxt
Rplp2	Gm26944	Zfp182
Chid1	Pcf11	Wdr44
Ap2a2	4632427E13Rik	Dock11
Muc2	Rab30	Slc25a5
Tollip	Ddias	C330007P06Rik
Mob2	Prcp	Ube2a
Lsp1	Gm32647	Nkrf
Tspan32	Tenm4	Sept6
Cd81	Nars2	Rpl39

For Peer Review

Nap1l4	Alg8	Upf3b
Cars	Ndufc2	Nkap
Shank2	Kctd14	Btg1-ps2
Ppfia1	Ints4	Lamp2
Tpcn2	Rsf1	Cul4b
Insr	Clns1a	Mcts1
A430078G23Rik	Gdpd4	Thoc2
Arhgef18	Acer3	Xiap
Mcoln1	Emsy	Stag2
Pnpla6	Thap12	Tenm1
Xab2	Uvrag	Ocrl
Stxbp2	Dgat2	Sash3
Fcer2a	Rps3	Zdhhc9
4932443L11Rik	Arrb1	Utp14a
Map2k7	Spcs2	Elf4
Timm44	Pold3	Aifm1
Elavl1	Pgm2l1	Zfp280c
Ccl25	Ppme1	Slc25a14
Cers4	C2cd3	Rbmx2
Zfp958	Ucp2	Enox2
Shcbp1	Mrpl48	Stk26
Arglu1	Rab6a	Mbnl3
Abhd13	Fam168a	Hs6st2
Cars2	Relt	Phf6
Ankrd10	Fchsd2	Hprt
Arhgef7	Atg16l2	Plac1
Tubgcp3	Arap1	Fam122b
Atp11a	Pde2a	Mospd1
Pcid2	Clpb	Ints6l
Cul4a	Anapc15	Gm648
Lamp1	Lamtor1	Slc9a6
Tfdp1	Numa1	Htatsf1
Rasa3	Rnf121	Arhgef6
Cfap97d2	Xndc1	Rbmx
Cdc16	Art5	Fgf13
Fbxo25	Nup98	Atp11c
Dlgap2	Pgap2	Fmr1
Csmd1	Rhog	Mtm1
Mcph1	Stim1	Mtmr1
Agpat5	Rrm1	Nsdhl
Alg11	Trim21	Haus7
Nek3	Hbb-bh2	Bcap31
Ckap2	Trim34a	Abcd1
Slc25a15	Trim5	Srpk3
Mrps31	Trim12a	Idh3g
Slc20a2	Trim12c	Ssr4

For Peer Review

Vdac3	Trim30a	Arhgap4
Polb	Trim30d	Naa10
Ikbkb	Fam160a2	Hcfc1
Kat6a	Hpx	Mecp2
Adam32	Arfip2	Flna
Adam9	Timm10b	Emd
Plekha2	Gm45799	Rpl10
Tacc1	Dnhd1	Taz
Nsd3	Rrp8	Fam3a
Ddhd2	Tpp1	Ikbkg
Lsm1	Mrpl17	G6pdx
Ash2l	Gm4070	Dkc1
Hgsnat	Gvin1	F8
Fnta	Syt9	Fundc2
Hook3	Ppfibp2	Cmc4
Rnf170	Eif3f	Brcc3
Plpbp	Trim66	Vbp1
Eif4ebp1	Rpl27a	Pls3
Unc5d	St5	Tbl1x
4933433F19Rik	Tmem9b	Dmd
Tti2	Dennd5a	Tab3
Mak16	Tmem41b	Gk
Wrn	Ipo7	5430427O19Rik
Purg	1600010M07Rik	Il1rapl1
Ppp2cb	Zfp143	Pola1
Gtf2e2	Wee1	Pdk3
Rbpms	Swap70	Zfx
Dctn6	Sbf2	Eif2s3x
Dusp4	Rnf141	Klhl15
Tnks	Ctr9	Apoo
Eri1	Eif4g2	Las1l
Mfhas1	1700012D14Rik	Msn
Prag1	Usp47	Stard8
Gm45524	Arntl	Pja1
Sgcz	Btbd10	Eda
Tusc3	Far1	Igbp1
Micu3	Far1os	Pdzd11
Vps37a	Rras2	Kif4
Pcm1	Copb1	Slc7a3
Asah1	Psma1	Snx12
Frg1	4933406I18Rik	Il2rg
Sorbs2	Pde3b	Med12
Ufsp2	1110004F10Rik	Nono
Ankrd37	Rps13	Itgb1bp2
Snx25	Pik3c2a	Taf1
Cfap97	Xylt1	Ogt

For Peer Review

Acsl1	Rps15a	Nhsl2
Cenpu	Arl6ip1	Rps4x
Primpol	Smg1	Cited1
Casp3	Coq7	Hdac8
Gm16675	Gde1	Phka1
Irf2	Vps35l	Chic1
Stox2	Thumpd1	Slc16a2
Trappc11	Eri2	Rlim
Rwdd4a	Rexo5	Abcb7
Ing2	Dcun1d3	Uprt
Dctd	Uqcrc2	Atrx
Tenm3	Mosmo	Magt1
Neil3	Eef2k	Cox7b
Asb5	Polr3e	Atp7a
Gpm6a	Cdr2	Pgk1
Cep44	Mettl9	P2ry10
Fbxo8	Hs3st2	P2ry10b
2500002B13Rik	Cog7	Gpr174
Hmgb2	Gga2	Tbx22
Galnt7	Ubfd1	Brwd3
AW046200	Ndufab1	Sh3bgrl
Galntl6	Palb2	Rps6ka6
Hpf1	Dctn5	Apool
Clcn3	Plk1	Chm
Nek1	Prkcb	Dach2
Sh3rf1	Rbbp6	Pcdh11x
Spock3	Tnrc6a	Diaph2
Tll1	Slc5a11	Cstf2
Cpe	Arhgap17	Trmt2b
Msmo1	Lcmt1	Cenpi
Klhl2	Gm27040	Btk
March1	Nsmce1	Rpl36a
Psd3	Il4ra	Gla
Csgalnact1	Il21r	Zmat1
Ints10	Gtf3c1	Gprasp1
Atp6v1b2	D430042O09Rik	Morf4l2
Zfp930	Xpo6	Slc25a53
D130040H23Rik	Sbk1	Il1rapl2
Gm10033	Nfatc2ip	Tbc1d8b
Zfp868	Cd19	Rbm41
Zfp963	Rabep2	Prps1
Gm20422	Sh2b1	Tsc22d3
Atp13a1	Atxn2l	Atg4a
Gmip	Eif3c	Acsl4
Gatad2a	Il27	Tmem164
Mau2	Sgf29	Ammecr1

For Peer Review

Slc25a42	Coro1a	Alg13
Sugp2	Mapk3	Htr2c
Cope	Ypel3	Tmem29
Upf1	Ppp4c	Apex2
Crtc1	Aldoa	Pfkfb1
Klhl26	Ino80e	Gnl3l
Uba52	Taok2	Fam120c
Kxd1	Kctd13	Phf8
Fkbp8	Cdipt	Huwe1
Ell	Maz	Smc1a
Gdf15	Kif22	Iqsec2
Pgpep1	Cd2bp2	Kdm5c
Lsm4	Tbc1d10b	Kantr
Pde4c	Sept1	Gpr143
Mast3	Zfp771	Rragb
Arrdc2	Itgal	Klf8
Rpl18a	B130055M24Rik	Sat1
Myo9b	Prr14	Acot9
Pgls	Fbrs	Prdx4
Fam129c	Srcap	Phex
Jak3	Gm42715	Sms
Zfp617	Tmem265	Rps6ka3
Zfp961	Phkg2	Eif1ax
Cyp4f18	Rnf40	Map7d2
Tpm4	Bcl7c	Bclaf3
Gm16091	Orai3	Sh3kbp1
Rab8a	Setd1a	Phka2
Hsh2d	Gm49388	Cdkl5
Ap1m1	Bckdk	Nhs
Eps15l1	Kat8	Rbbp7
1700030K09Rik	Fus	Txlng
Cherp	Pycard	Syap1
Slc35e1	Itgam	Ctps2
Gm17435	Itgad	Zrsr2
Med26	Armc5	Mospd2
Large1	BC017158	Gpm6b
Hmgxb4	Tial1	Ofd1
Gm45822	Inpp5f	Tmsb4x
Hmox1	Mcmbp	Tlr7
Mcm5	Wdr11	Prps2
Arhgap10	Ate1	Frmpd4
Prmt9	Nsmce4a	Msl3
Slc10a7	Tacc2	Arhgap6
Lsm6	Bub3	Hccs
Zfp827	Chst15	Gm3376
1700011L22Rik	Oat	Gm47283

For Peer Review

Mmaa	Fam53b
Gm4890	Eef1akmt2
Otud4	Zranb1
Abce1	Edrf1
Anapc10	Dhx32
Gypa	Adam12
Smarca5	Mki67
Usp38	Mgmt
Inpp4b	Glrx3
Il15	Mapk1ip1
Zfp330	Ppp2r2d
Elmod2	Bnip3
Tecr	Inpp5a
Gipc1	Gm16201
Pkn1	Tubgcp2
Ddx39	Ric8a
Adgre5	Psmd13
Adgrl1	Ifitm2
Gm10644	Ptdss2
Prkaca	Rnh1
Il27ra	Phrf1
Dcaf15	Deaf1
Nanos3	Eps8l2
Nacc1	Taldo1
Trmt1	Gatd1
Lyl1	Slc25a22
Rad23a	Rplp2
Calr	Chid1
Gcdh	Ap2a2
Dnase2a	Tollip
Prdx2	Mob2
Junb	Lsp1
Trir	Tnnt3
Tnpo2	Tspan32
Wdr83os	Cd81
Man2b1	Nap1l4
Zfp791	Cars
Vps35	Tnfrsf22
Orc6	Dhcr7
4921524J17Rik	Ppfia1
Dnaja2	Insr
Neto2	A430078G23Rik
Itfg1	Arhgef18
Phkb	Mcoln1
Lonp2	Pnpla6
Siah1a	Xab2

For Peer Review

N4bp1	Stxbp2
Zfp423	Trappc5
Cnep1r1	Fcer2a
Heatr3	4932443L11Rik
Tent4b	Map2k7
Adcy7	Timm44
Brd7	Elavl1
Nod2	Ccl25
Cyld	Cers4
Chd9	Zfp958
Rbl2	Shcbp1
Aktip	Gm17215
Rpgrip1l	Arglu1
Fto	Abhd13
4831440D22Rik	Myo16
Gnao1	Cars2
Amfr	Ankrd10
Nudt21	Arhgef7
Ogfod1	Tubgcp3
Nup93	4931415C17Rik
Slc12a3	F7
Herpud1	Pcid2
Nlrc5	Cul4a
Fam192a	Lamp1
Rspry1	Tfdp1
Ciapin1	Grk1
Coq9	Rasa3
Katnb1	Cfap97d2
Usb1	Upf3a
Csnk2a2	Champ1
Cnot1	Fbxo25
Got2	Dlgap2
Cdh8	Arhgef10
Tk2	Kbtbd11
Cklf	Csmd1
Cmtm4	Mcph1
Dync1li2	Agpat5
Nae1	6820431F20Rik
Rrad	Alg11
Cbfb	Ckap2
E2f4	Vps36
Lrrc29	Slc25a15
Zdhhc1	Slc20a2
Atp6v0d1	Vdac3
Agrp	Polb
Ctcf	Ikbkb

For Peer Review

Carmil2	1700041G16Rik
Cenpt	Kat6a
Nutf2	Gm15816
Pskh1	Gpat4
Gm16156	Golga7
Dus2	Zmat4
Nfatc3	Adam5
Slc7a6	Adam9
Prmt7	Plekha2
Tango6	5830408C22Rik
Chtf8	Tacc1
Utp4	Fgfr1
Cog8	Nsd3
Terf2	Bag4
Cyb5b	Lsm1
Nfat5	Pomk
Nob1	Hook3
Wwp2	Rnf170
Psmd7	Zfp703
Dhx38	Erlin2
Dhodh	Plpbp
Pkd1l3	Rab11fip1
Ist1	Eif4ebp1
Zfp821	Unc5d
Ap1g1	4933433F19Rik
Phlpp2	Rnf122
Vac14	Tti2
Sf3b3	Wrn
Cog4	Ppp2cb
St3gal2	Gsr
Ddx19b	Gtf2e2
Aars	Leprotl1
Pdpr	Dusp4
Glg1	Tnks
Rfwd3	Eri1
Wdr59	Mfhas1
Znrf1	Prag1
Cfdp1	Sgcz
Gabarapl2	Gm40493
Adat1	Tusc3
Kars	Zdhhc2
Cntnap4	Cnot7
Wwox	Vps37a
Cdyl2	Pcm1
Cmc2	Asah1
Cenpn	Frg1

For Peer Review

Gan	2810404M03Rik
Cmip	Sorbs2
Plcg2	Snx25
Cdh13	Cfap97
Mbtps1	Slc25a4
Taf1c	Primpol
Tldc1	Casp3
Cotl1	Gm16675
Usp10	Irf2
Gse1	Stox2
Gins2	Ing2
1190005I06Rik	Wwc2
Cox4i1	Dctd
Irf8	Gm45455
Klhdc4	Neil3
Gm42047	Spcs3
Slc7a5	Wdr17
Banp	Glra3
Zfpm1	Fbxo8
Zc3h18	Hmgb2
Cyba	Galnt7
Piezo1	Clcn3
Galns	Nek1
Cbfa2t3	Sh3rf1
Acsf3	Ddx60
Gm45894	Msmo1
Ankrd11	Klhl2
Spg7	March1
Rpl13	Psd3
Vps9d1	Atp6v1b2
Fanca	Zfp930
Tcf25	D130040H23Rik
Afg3l1	Gm10033
6030466F02Rik	Atp13a1
Nup133	Gmip
Taf5l	Lpar2
Urb2	Ndufa13
Galnt2	Gatad2a
Cog2	Mau2
Ttc13	Sugp1
2810004N23Rik	Mef2b
Gnpat	Tmem161a
Sprtn	Slc25a42
Egln1	Sugp2
Tsnax	Cope
Disc1	Upf1

For Peer Review

Sipa1l2	Crtc1
Irf2bp2	Klhl26
Gm31718	Uba52
Tomm20	Fkbp8
Rbm34	Ell
Itgb1	Pgpep1
2610044O15Rik8	Lsm4
Alkbh8	Ifi30
Cwf19l2	Mast3
Gucy1a2	Rpl18a
Aasdhppt	Ankle1
Kbtbd3	Mrpl34
Msantd4	Dda1
Casp4	Ano8
Dync2h1	Gtpbp3
Dcun1d5	Mvb12a
Tmem123	Pgls
Birc2	Fam129c
Birc3	Colgalt1
Arhgap42	Jak3
Cntn5	Fcho1
Ccdc82	Zfp709
Maml2	Zfp617
Mtmr2	Zfp961
Cep57	Tpm4
Fam76b	Gm16091
Sesn3	Rab8a
Cwc15	Hsh2d
Ankrd49	Fam32a
Mre11a	Ap1m1
Panx1	Klf2
Med17	Eps15l1
Taf1d	Calr3
Cep295	1700030K09Rik
Smco4	Cherp
Chordc1	Slc35e1
Zfp317	Med26
Zfp560	Smim7
Zfp26	Sin3b
Zfp426	Hmgxb4
Zfp266	Mcm5
Fbxl12	Arhgap10
Pin1	Prmt9
Ppan	4933431K23Rik
Eif3g	Slc10a7
Dnmt1	Lsm6

For Peer Review

Mrpl4	Zfp827
Raver1	Mmaa
1700084C06Rik	Otud4
Tyk2	Abce1
Pde4a	Anapc10
Gm16754	Smarca5
Keap1	Gab1
Cdkn2d	Usp38
Slc44a2	Inpp4b
Ilf3	Zfp330
Dnm2	Tbc1d9
AB124611	Elmod2
Carm1	Tecr
Smarca4	Dnajb1
Ldlr	Gipc1
Kank2	Pkn1
Dock6	Ddx39
Zfp653	Adgre5
Elof1	Adgrl1
Zfp809	Asf1b
Zfp810	Prkaca
Anln	Rfx1
Rp9	Dcaf15
Bbs9	Nacc1
Dpy19l1	Trmt1
Herpud2	Lyl1
Sept7	Calr
Acad8	Farsa
Ncapd3	Dnase2a
Snx19	Rnaseh2a
Gm29724	Prdx2
Zbtb44	Asna1
St14	Trir
Nfrkb	Tnpo2
Fli1	A230103J11Rik
Ets1	Wdr83os
Kirrel3os	Man2b1
St3gal4	Zfp791
Dcps	Vps35
Tirap	Orc6
Foxred1	4921524J17Rik
Srpr	Dnaja2
Fam118b	Itfg1
Cdon	Phkb
Hyls1	Abcc12
Chek1	Lonp2

For Peer Review

Stt3a	Siah1a
Tmem218	N4bp1
Ccdc15	Zfp423
Msantd2	Cnep1r1
Gramd1b	Heatr3
Hspa8	Tent4b
Ubash3b	Adcy7
Sorl1	Brd7
Sc5d	Nkd1
Tbcel	Nod2
Arhgef12	Cyld
Mcam	Chd9
Cbl	Rbl2
Hinfp	Rpgrip1l
Vps11	Fto
Hyou1	4831440D22Rik
Slc37a4	Ces1g
Bcl9l	Amfr
Cxcr5	Nup93
Ddx6	Slc12a3
Phldb1	Herpud1
Arcn1	Nlrc5
Ift46	Fam192a
Kmt2a	Rspry1
Atp5l	Arl2bp
Ube4a	Ciapin1
Il10ra	Kifc3
Cep164	Cngb1
Rnf214	Zfp319
Pcsk7	Usb1
Sidt2	Cfap20
Pafah1b2	Csnk2a2
Sik3	Cnot1
Bud13	Slc38a7
Cadm1	Got2
Nxpe2	Cdh8
Rexo2	Tk2
Rbm7	Cklf
Usp28	Cmtm4
Tmprss5	Pdp2
Dlat	Cdh16
Dixdc1	Rrad
Alg9	1700082M22Rik
Sik2	Cbfb
Pou2af1	Fbxl8
2010007H06Rik	4931428F04Rik

For Peer Review

Rdx	E2f4
Gm47957	Atp6v0d1
Ddx10	Agrp
Npat	Ripor1
Acat1	Ctcf
Cul5	Carmil2
Gm16124	Acd
Rab39	Ranbp10
Slc35f2	Cenpt
Cyp19a1	Nutf2
Wdr61	Edc4
Ireb2	Pskh1
Hykk	Slc12a4
Psma4	Dpep2
Ube2q2	Dus2
Fbxo22	Nfatc3
Etfa	Slc7a6
Scaper	Prmt7
Gm7435	Tango6
Pstpip1	Chtf8
Tspan3	Utp4
Peak1	Cog8
Hmg20a	Nip7
Ptpn9	Tmed6
Sin3a	Terf2
Man2c1	Cyb5b
1700017B05Rik	Nfat5
Ppcdc	Nob1
Scamp2	Wwp2
Ulk3	Psmd7
Csk	Zfhx3
Edc3	Dhx38
Clk3	Dhodh
Arid3b	Ist1
Ubl7	Atxn1l
Sema7a	Ap1g1
Pml	Phlpp2
Stoml1	Vac14
Nptn	Sf3b3
Neo1	Cog4
Adpgk	Fuk
Bbs4	St3gal2
Arih1	Ddx19a
Parp6	Ddx19b
Pkm	Aars
Tle3	Pdpr

For Peer Review

Rplp1	Glg1
Kif23	Rfwd3
Paqr5	Fa2h
Glce	Znrf1
Anp32a	Zfp1
Coro2b	Cfdp1
Fem1b	Tmem170
Pias1	Gabarapl2
Map2k5	Adat1
2300009A05Rik	Kars
Gm16759	Terf2ip
Smad3	Mon1b
Zwilch	Nudt7
Rpl4	Wwox
Map2k1	Cdyl2
Tipin	Cenpn
Rab11a	Gan
Dennd4a	Cmip
Hacd3	Plcg2
Dpp8	Mphosph6
Clpx	Mlycd
Mtfmt	Mbtps1
Plekho2	Hsdl1
Zfp609	Taf1c
Trip4	Atp2c2
Pclaf	Cotl1
Csnk1g1	Klhl36
Snx1	Usp10
Ciao2a	Zdhhc7
Dapk2	Gse1
Herc1	1190005I06Rik
Usp3	Cox4i1
Rab8b	Irf8
Rps27l	Klhdc4
Tpm1	Gm42047
Tln2	Slc7a5
Vps13c	Banp
Rora	Zfpm1
Ice2	Zc3h18
Gtf2a2	Cyba
Myo1e	Piezo1
Ccnb2	Cdt1
Rnf111	Galns
Sltm	Cbfa2t3
Mindy2	Gm10612
Adam10	Gm45894

For Peer Review

Aldh1a2	Ankrd11
Polr2m	Spg7
Myzap	Rpl13
Cgnl1	Chmp1a
Tcf12	Vps9d1
Zfp280d	Fanca
Mns1	Tcf25
Tex9	Afg3l1
Rfx7	Gas8
Nedd4	6030466F02Rik
Rab27a	Ccsap
Rsl24d1	Nup133
Fam214a	Taf5l
Arpp19	Urb2
Myo5a	Galnt2
Mapk6	Cog2
Leo1	2310022B05Rik
Tmod3	Ttc13
Hcrtr2	Arv1
Lrrc1	2810004N23Rik
Gclc	Gnpat
Elovl5	Egln1
Fbxo9	Tsnax
Ick	Disc1
Mto1	Sipa1l2
Eef1a1	Ntpcr
Slc17a5	Irf2bp2
Tmem30a	Gm31718
Senp6	Tomm20
Mei4	Rbm34
Phip	Pard3
Hmgn3	Itgb1
Ttk	Gm32856
Bckdhb	Alkbh8
Ibtk	Cwf19l2
Ube2cbp	Gucy1a2
Dop1a	Msantd4
Pgm3	Casp1
Prss35	Casp4
Cyb5r4	Pdgfd
Cep162	Dync2h1
Snx14	Dcun1d5
Syncrip	Tmem123
Mthfsl	Birc2
Bcl2a1d	Birc3
Bcl2a1b	Arhgap42

For Peer Review

Mthfs	Cntn5
Ctsh	Ccdc82
Morf4l1	Maml2
Tbc1d2b	Mtmr2
Plscr1	Cep57
Slc9a9	Fam76b
U2surp	Sesn3
Atr	Cwc15
Gm16794	Mre11a
Xrn1	Panx1
Gk5	Taf1d
Tfdp2	Cep295
Atp1b3	Smco4
Rasa2	Chordc1
Zbtb38	Zfp317
C430002N11Rik	Zfp560
Slc25a36	Zfp26
Nmnat3	Zfp426
Copb2	Zfp266
Faim	Fbxl12
Armc8	Ubl5
Il20rb	Pin1
Nck1	Ppan
Stag1	Eif3g
Msl2	Dnmt1
Ppp2r3a	Icam1
Cep63	Raver1
Srprb	Tyk2
Topbp1	Cdc37
5830418P13Rik	Pde4a
Uba5	Gm16754
Acad11	Keap1
Dnajc13	Slc44a2
Acpp	Ilf3
Mrpl3	Dnm2
Nek11	AB124611
Atp2c1	Carm1
Pik3r4	Smarca4
Wdr82	Ldlr
Ppm1m	Dock6
Tlr9	Elof1
Alas1	Zfp810
Poc1a	Anln
Acy1	Bbs9
Abhd14a	Bmper
Parp3	Dpy19l1

For Peer Review

Rrp9	Herpud2
Tex264	Sept7
Rad54l2	Ncapd3
Dcaf1	Ntm
Mapkapk3	Snx19
Cacna2d2	Adamts8
Gnai2	Zbtb44
Rbm5	Aplp2
Rbm6	Prdm10
Mon1a	Nfrkb
Traip	Arhgap32
Uba7	Fli1
Ip6k1	Ets1
Rnf123	Gm27162
Bsn	Kirrel3
Dag1	Dcps
Rhoa	Tirap
Usp4	Foxred1
Usp19	Srpr
Qrich1	Fam118b
Arih2	Rpusd4
Slc25a20	Cdon
Ip6k2	Hyls1
Nckipsd	Pate2
Celsr3	Stt3a
Uqcrc1	Ei24
Col7a1	Slc37a2
Shisa5	Ccdc15
Cdc25a	Msantd2
Map4	Vwa5a
Dhx30	Gramd1b
Smarcc1	Hspa8
Scap	Ubash3b
Setd2	Sorl1
Nbeal2	Sc5d
Ccdc12	Tbcel
Lrrfip2	Arhgef12
Mlh1	Gm49380
Epm2aip1	Mcam
Stac	Cbl
Pdcd6ip	Hinfp
Clasp2	Dpagt1
Ubp1	Vps11
Tmppe	Hyou1
Glb1	Trappc4
Cnot10	Rps25

For Peer Review

Dync1li1	Ccdc84
Cmtm6	Bcl9l
Cmtm7	Cxcr5
Gpd1l	Ddx6
Stt3b	Arcn1
Tgfbr2	Ift46
Gm31410	Kmt2a
Azi2	Atp5l
Golga4	Ube4a
Gm2415	Jaml
Dlec1	Scn4b
Oxsr1	Il10ra
Acaa1a	Dscaml1
Xylb	Cep164
Wdr48	Pcsk7
Csrnp1	Sidt2
Rpsa	Pafah1b2
Ctnnb1	Sik3
Ulk4	Bud13
Trak1	Gm31698
Nktr	Gm31816
1700048O20Rik	Nxpe2
Abhd5	Nxpe4
Zfp445	Rexo2
Zkscan7	Zw10
Kif15	Sdhd
Zdhhc3	Nkapd1
Exosc7	Dlat
Lars2	Alg9
Limd1	Ppp2r1b
Sacm1l	Sik2
Slc6a20a	Pou2af1
Lztfl1	2010007H06Rik
Ccr9	Rdx
Fyco1	Gm47957
Gm39469	Ddx10
2010315B03Rik	Atm
Shroom4	Npat
Clcn5	Acat1
Gm36995	Cul5
Ccdc22	Gm16124
Gpkow	Slc35f2
Wdr45	Idh3a
Tfe3	Acsbg1
Gripap1	Wdr61
Otud5	Ireb2

For Peer Review

Pim2	Psma4
Gata1	Ube2q2
Suv39h1	Fbxo22
Rbm3	Nrg4
Tbc1d25	Etfa
Ftsj1	Scaper
Cybb	Gm7435
Rpgr	Rcn2
Mid1ip1	Pstpip1
Bcor	Peak1
Med14	Hmg20a
Gm14634	Snx33
Usp9x	Sin3a
Cask	Neil1
Fundc1	Commd4
Kdm6a	1700017B05Rik
Chst7	Ppcdc
Slc9a7	Cox5a
Rp2	Scamp2
Jade3	Ulk3
Rbm10	Csk
Uba1	Edc3
Cdk16	Clk3
Araf	Arid3b
Cfp	Ubl7
Elk1	Sema7a
Uxt	Pml
Zfp182	Stoml1
Wdr44	Nptn
Dock11	Adpgk
Slc25a5	Arih1
C330007P06Rik	Hexa
Ube2a	Parp6
Nkrf	Pkm
Sept6	Gramd2
Rpl39	Thsd4
Upf3b	Gm49334
Nkap	Uaca
Btg1-ps2	Tle3
Lamp2	Rplp1
Cul4b	Kif23
Mcts1	Glce
Gm14643	Anp32a
Thoc2	Fem1b
Xiap	Cln6
Stag2	Pias1

For Peer Review

Tenm1	Map2k5
Ocrl	Aagab
Sash3	Smad3
Zdhhc9	Zwilch
Utp14a	Rpl4
Elf4	Map2k1
Aifm1	Tipin
Zfp280c	Dis3l
Slc25a14	Rab11a
Rbmx2	Dennd4a
Enox2	Ints14
Firre	Hacd3
Stk26	Dpp8
Rap2c	Clpx
Mbnl3	Mtfmt
Hs6st2	Spg21
Phf6	Plekho2
Hprt	Oaz2
Plac1	Trip4
Fam122b	Pclaf
Mospd1	Csnk1g1
Ints6l	Ppib
Gm648	Snx1
Slc9a6	Ciao2a
Htatsf1	Herc1
Arhgef6	Usp3
Rbmx	Car12
Fgf13	Rab8b
Atp11c	Rps27l
Fmr1	Tpm1
Ids	Tln2
Mtm1	Vps13c
Mtmr1	Ice2
Nsdhl	Gtf2a2
Haus7	Myo1e
Pnck	Ccnb2
Bcap31	Rnf111
Abcd1	Sltm
Srpk3	Mindy2
Idh3g	Adam10
Ssr4	Lipc
Arhgap4	Aldh1a2
Naa10	Polr2m
Hcfc1	Myzap
Irak1	Tcf12
Mecp2	Zfp280d

For Peer Review

Flna	Mns1
Emd	Tex9
Rpl10	Rfx7
Taz	Nedd4
Atp6ap1	Rab27a
Gdi1	Rsl24d1
Fam3a	Fam214a
Ikbkg	Arpp19
G6pdx	Myo5a
Dkc1	Mapk6
F8	Leo1
Fundc2	Tmod3
Mtcp1	Tmod2
Cmc4	Hcrtr2
Brcc3	Lrrc1
Vbp1	Gclc
4933407K13Rik	Elovl5
Pls3	Fbxo9
Tbl1x	Eef1a1
Dmd	Cd109
Tab3	Col12a1
Gk	Cox7a2
5430427O19Rik	Tmem30a
Il1rapl1	Senp6
Pola1	Phip
Pdk3	Hmgn3
Zfx	Lca5
Eif2s3x	Ttk
Klhl15	Bckdhb
Apoo	Ibtk
Gm39526	Ube2cbp
Zc4h2	Dop1a
Zc3h12b	Cyb5r4
Las1l	Cep162
Msn	Tbx18
Yipf6	Snx14
Stard8	Gm20537
Pja1	Syncrip
Eda	Mthfsl
Igbp1	Bcl2a1d
Pdzd11	Bcl2a1b
Kif4	Mthfs
Slc7a3	Ctsh
Snx12	Morf4l1
Il2rg	Gm29478
Med12	Slc9a9

For Peer Review

Nono	U2surp
Itgb1bp2	Atr
Taf1	Gm16794
Ogt	Xrn1
Nhsl2	Gk5
Rps4x	Atp1b3
Cited1	Rasa2
Hdac8	Zbtb38
Phka1	Pxylp1
Chic1	Spsb4
Xist	Slc25a36
Jpx	Nmnat3
Ftx	Copb2
Slc16a2	Cep70
Rlim	Esyt3
Abcb7	Armc8
Uprt	Il20rb
5530601H04Rik	Nck1
Pbdc1	Stag1
Atrx	Pccb
Magt1	Msl2
Cox7b	Cep63
Atp7a	Srprb
Pgk1	1300017J02Rik
P2ry10	Topbp1
P2ry10b	Cdv3
Gpr174	5830418P13Rik
Tbx22	Bfsp2
Brwd3	Tmem108
2810403D21Rik	Uba5
Sh3bgrl	Dnajc13
Rps6ka6	Mrpl3
Apool	Atp2c1
Chm	Glyctk
Dach2	Wdr82
Pcdh11x	Twf2
Diaph2	Tlr9
Cstf2	Poc1a
Trmt2b	Dusp7
Cenpi	Rpl29
Btk	Rrp9
Rpl36a	Rad54l2
Gla	Dcaf1
Hnrnph2	Manf
Zmat1	Gnai2
Armcx5	Rbm5

For Peer Review

Gprasp1	Rbm6
Morf4l2	Uba7
BC065397	Ip6k1
Slc25a53	Rnf123
Il1rapl2	Dag1
Tbc1d8b	Rhoa
Rbm41	Gpx1
Prps1	Usp4
Tsc22d3	Usp19
Atg4a	Qars
Acsl4	Qrich1
Tmem164	Impdh2
Ammecr1	4833445I07Rik
Alg13	Dalrd3
Htr2c	Wdr6
Tmem29	Arih2
Apex2	Slc25a20
Pfkfb1	Prkar2a
Gnl3l	Celsr3
Fam120c	Uqcrc1
Phf8	Shisa5
Huwe1	Atrip
Smc1a	Tma7
Iqsec2	Cdc25a
Kdm5c	Map4
Kantr	Dhx30
Gpr143	Smarcc1
Rragb	Scap
Klf8	Klhl18
Sat1	Setd2
Acot9	Ccdc12
Prdx4	Prss44
Phex	Lrrfip2
Sms	Mlh1
Rps6ka3	Epm2aip1
Eif1ax	4933411E02Rik
Map7d2	AU023762
Bclaf3	Pdcd6ip
Sh3kbp1	Clasp2
Phka2	Ubp1
Cdkl5	Fbxl2
Nhs	Tmppe
Rbbp7	Glb1
Txlng	Cnot10
Syap1	Cmtm6
Ctps2	Cmtm7

For Peer Review

Zrsr2
Mospd2
Gpm6b
Ofd1
Gm8817
Tmsb4x
Tlr7
Prps2
Frmpd4
Msl3
Arhgap6
Hccs
Gm15246
Mid1
Gm3376
Gm47283

Gpd1l
Stt3b
Gadl1
Tgfbr2
Rbms3
Azi2
Golga4
Gm2415
Ctdspl
Oxsr1
Myd88
Xylb
Wdr48
Csrnp1
Slc25a38
Rpsa
Eif1b
Rpl14
Ctnnb1
Ulk4
Trak1
Nktr
Ackr2
1700048O20Rik
Gm39463
Snrk
Zfp445
1110059G10Rik
Kif15
Zdhhc3
Exosc7
Lars2
Limd1
Sacm1l
Fyco1
2010315B03Rik
Clcn5
Ccdc22
Gpkow
Gripap1
Otud5
Pim2
Pqbp1
Timm17b
Gata1
Suv39h1

For Peer Review

Was
Wdr13
Rbm3
Cybb
Mid1ip1
Bcor
Atp6ap2
1810030O07Rik
Med14
Usp9x
Ddx3x
Maoa
Fundc1
Kdm6a
Slc9a7
Rp2
Jade3
Rbm10
Uba1
Cdk16
Usp11
Araf
Cfp
Elk1
A230072C01Rik
Zfp182
Wdr44
Dock11
Slc25a43
Slc25a5
C330007P06Rik
Ube2a
Nkrf
Sept6
Rpl39
Upf3b
Nkap
Btg1-ps2
Zbtb33
Lamp2
Mcts1
Gm14643
Thoc2
Xiap
Stag2
Tenm1

For Peer Review

Ocrl
Sash3
Zdhhc9
Utp14a
Elf4
Aifm1
Zfp280c
Rbmx2
Enox2
Stk26
Rap2c
Mbnl3
Gpc3
Phf6
Hprt
Fam122b
Mospd1
Ints6l
Mmgt1
Slc9a6
Fhl1
Arhgef6
Rbmx
Atp11c
Fmr1
1700111N16Rik
Ids
Mtm1
Mtmr1
Gabra3
Cetn2
Nsdhl
Zfp275
Haus7
Atp2b3
Pnck
Bcap31
Abcd1
Ssr4
Pdzd4
Arhgap4
Naa10
Hcfc1
Irak1
Mecp2
Flna

For Peer Review

Emd
Rpl10
Taz
Atp6ap1
Gdi1
Fam3a
G6pdx
Ikbkg
Gab3
Dkc1
Mpp1
Fundc2
Cmc4
Brcc3
Vbp1
4933407K13Rik
Tbl1x
Prkx
Dmd
Tab3
Gk
5430427O19Rik
Il1rapl1
Arx
Pola1
Pdk3
Zfx
Eif2s3x
Klhl15
Gm39526
Amer1
Zc4h2
Zc3h12b
Msn
Heph
Eda2r
Ophn1
Yipf6
Eda
Igbp1
Kif4
Slc7a3
Snx12
Il2rg
Med12
Zmym3

For Peer Review

Nono
Itgb1bp2
Taf1
Ogt
Nhsl2
Ercc6l
Rps4x
Cited1
Hdac8
Phka1
Xist
Jpx
Ftx
Rlim
Abcb7
Uprt
5530601H04Rik
Pbdc1
Atrx
Magt1
Cox7b
Atp7a
Pgk1
Taf9b
P2ry10
P2ry10b
Gpr174
Brwd3
2810403D21Rik
Sh3bgrl
Gm6377
Rps6ka6
Chm
Dach2
Pcdh11x
Diaph2
Cstf2
Trmt2b
Cenpi
Btk
Hnrnph2
Zmat1
Armcx5
Gprasp1
Tceal7
Tceal9

For Peer Review

Morf4l2
BC065397
Slc25a53
Mum1l1
Tbc1d8b
Rbm41
Prps1
Tsc22d3
Atg4a
Col4a5
Gucy2f
Acsl4
Tmem164
Ammecr1
Alg13
Rtl4
Htr2c
Tmem29
Apex2
Gnl3l
A230072E10Rik
Fam120c
Phf8
Huwe1
Smc1a
Kdm5c
Kantr
Gpr143
Rragb
Acot9
Prdx4
Gm15155
Sms
Mbtps2
Smpx
Rps6ka3
Eif1ax
Map7d2
Bclaf3
Sh3kbp1
Pdha1
Cdkl5
Nhs
Rbbp7
Txlng
Syap1

For Peer Review

Ctps2
Ap1s2
Zrsr2
Piga
Mospd2
Glra2
Ofd1
Gm15232
Tmsb4x
Tlr7
Prps2
Frmpd4
Msl3
Arhgap6
Hccs
Mid1
Gm28961
Gm47283

For Peer Review

Genes bound by PTBP1 on 5UTR	Genes bound by PTBP3 on 5UTR	Genes bound by PTBP1 on 3UTR	Genes bound by PTBP3 on 3UTR
Abi2	AC149090.1	Lypla1	Vamp7
Sp140	Rpl7	Atp6v1h	Tcea1
Bcl2	Mgat4a	Tram1	Atp6v1h
Elk4	Chst10	Tram2	Pcmtd1
Cyb5r1	Bivm	Lmbrd1	Vcpip1
Lhx9	Nabp1	Phf3	Sgk3
Dhx9	Gls	Zfp451	Cops5
Angptl1	Hspe1	Imp4	Cspp1
Tmco1	Abi2	Fam168b	Ncoa2
Tmem200a	Eef1b2	Plekhb2	Tram1
Rtn4ip1	Map2	Uggt1	Lactb2
Zbtb7a	Stk11ip	Arid5a	Stau2
Apaf1	Sp110	Coa5	Ube2w
Elk3	Sp140	Txndc9	Tram2
Btg1	Ptma	Rev1	Kcnq5
Naca	Hdlbp	Gls	Ogfrl1
Rpl41	Dtymk	Stk17b	Smap1
Camk2b	Bcl2	Ankrd44	Sdhaf4
Xpo1	Dbi	Sf3b1	Lmbrd1
Bcl11a	Elk4	Fam126b	Phf3
Ebf1	Zc3h11a	Cflar	Ptp4a1
Rack1	Gm38394	Casp8	Zfp451
Zfp62	Cyb5r1	Nop58	Ccdc115
Clk4	Adipor1	Fam117b	Imp4
Sept8	Ptprc	Wdr12	Fam168b
Fnip1	Lhx9	Creb1	Plekhb2
Trim17	Dennd1b	Fzd5	Hs6st1
Alkbh5	Aspm	Pikfyve	Uggt1
Polr2a	Ivns1abp	Bard1	Neurl3
Acap1	Lamc1	Arpc2	Lman2l
Ctdnep1	Acbd6	Aamp	Cnnm3
Pafah1b1	Tor1aip2	Pnkd	Cox5b
Nlk	Rasal2	Utp14b	Tmem131
Suz12	Cenpl	Ap1s3	Coa5
Ints2	Disp1	Mrpl44	Mgat4a
Cacna1g	Cited2	Fam124b	Txndc9
Ppp1r9b	Tmem200a	Agfg1	Eif5b
Cant1	Cd24a	Sp110	Rnf149
Slc38a10	Rtn4ip1	Sp100	Map4k4
Mthfd1	Vpreb3	A630001G21Rik	Tgfbrap1
Synj2bp	Mob3a	Cab39	AI597479
Vsx2	Eef2	Itm2c	Tpp2

For Peer Review

Golga5	Rtcb	Ncl	Slc39a10
Eif5	Cdk17	Ptma	Nabp1
Cdca4	Metap2	Eif4e2	Stat1
Gdi2	Btg1	Gigyf2	Gls
Fam208b	Nap1l1	Inpp5d	Nab1
Zkscan3	Cct2	Hjurp	Inpp1
BC005537	Arhgap9	Asb1	Stk17b
Zfp455	Shmt2	Ppp1r7	Ankrd44
Fcho2	Naca	Sept2	Sf3b1
Srek1	Rbms2	St8sia4	Hspe1
Gpbp1	Cs	D1Ertd622e	Sgo2a
Nnt	Rpl41	Pign	Bzw1
Hmgcs1	Rps26	Relch	Fam126b
Ppp3cb	Camk2b	Tsn	Cflar
Rps24	Peli1	Dbi	Casp8
Phf11c	Xpo1	Actr3	Trak2
Dpysl2	Bcl11a	Mgat5	Stradb
Tdrd3	Mtif2	Ccnt2	Fam117b
Oxct1	Npm1	R3hdm1	Abi2
Kcns2	Rnf145	Ubxn4	Eef1b2
Pabpc1	Ebf1	Mcm6	Klf7
Azin1	Rack1	Mapkapk2	Creb1
Mtbp	Olfr56	Rassf5	Plekhm3
Ptp4a3	Zfp62	Srgap2	Pikfyve
Adgrb1	Ube2b	Slc41a1	Rpe
Apobec3	Fnip1	Nucks1	Bard1
Atf4	Trim17	Rbbp5	Atic
Pced1b	Arf1	Mdm4	Arpc2
Tmbim6	Srebf1	Ppp1r15b	Aamp
Dgcr8	Slc25a35	Zc3h11a	Pnkd
Nrros	Cntrob	Gm38394	Ctdsp1
Parp9	Polr2a	Btg2	Usp37
Gsk3b	Acap1	Kdm5b	Cnot9
Cd80	Ctdnep1	Arl8a	Zfp142
Tmem50b	Pafah1b1	Ipo9	Ttll4
Itsn1	Prpf8	Kif21b	Retreg2
Wtap	Nlk	Zfp281	Tuba4a
Ube2i	Evi2	Ptprc	Dnpep
Mettl26	Suz12	Dennd1b	Farsb
Capn15	Zfp207	Cdc73	Utp14b
H2-Aa	Srsf1	Edem3	Ap1s3
Ddx39b	Nme2	Arpc5	Mrpl44
Tubb5	Spop	Ncf2	Cul3
Ppp1r18	Top2a	Smg7	Dock10
Ppp1r10	Kansl1	Lamc1	Mff
Rftn1	Pecam1	Dhx9	Agfg1

For Peer Review

Satb1	Ddx5	Tor1aip2	Sp110
Man2a1	Rpl38	Soat1	Sp140
Ube2d2a	Jpt1	Abl2	Sp100
Dpysl3	H3f3b	Ralgps2	A630001G21Rik
Cdx1	Cant1	4930523C07Rik	Cab39
Pold4	Cenpx	Rabgap1l	Itm2c
Cfl1	Sf3b6	Rc3h1	Ncl
Stx5a	Odc1	Zbtb37	Ptma
Eef1g	Rps7	Cenpl	Pde6d
Fth1	Rpl36al	Sell	Eif4e2
Fen1	Cdkl1	Sft2d2	Gigyf2
Ms4a1	Tmem229b	Rcsd1	Inpp5d
Exoc6	Slc39a9	Pou2f1	Atg16l1
Lcor	Vsx2	Uhmk1	Hjurp
Scd2	Gtf2a1	Atf6	Cops8
Scd1	Sel1l	Fcgr2b	Lrrfip1
Rbms1	Calm1	Ndufs2	Ube2f
Psmd14	Dync1h1	Usf1	Ilkap
Wipf1	Cdca4	Slamf7	Hdac4
Zdhhc5	Gdi2	Cd48	Gpc1
Nat10	Wdr37	Slamf6	Ppp1r7
Caprin1	Larp4b	Copa	Hdlbp
Bcl2l1	Heatr1	Pex19	Sept2
Pofut1	Hist1h2bc	Tagln2	Dtymk
Cpne1	BC005537	Ifi209	Ing5
Zmynd8	Foxf2	Mndal	D2hgdh
Rtf2	Nedd9	Ifi203	Fam174a
Gnas	Jarid2	Exo1	St8sia4
Ralyl	Syk	Cep170	D1Ertd622e
Mbnl1	Dbn1	Zbtb18	Pign
Tmem144	Erap1	Adss	Zcchc2
Mrpl24	Mef2c	Hnrnpu	Phlpp1
Clk2	Cox7c	Coq8a	Bcl2
Chtop	Rps23	Itpkb	Vps4b
Anp32e	Btf3	Parp1	Tsn
Csde1	Fcho2	Acbd3	Ralb
Dclre1b	Srek1	Nvl	Epb41l5
Wnt2b	Gpbp1	Wdr26	Ptpn4
Ampd2	Hmgcs1	Lbr	Dbi
Bcar3	Anxa7	Dusp10	Actr3
Rabggtb	Ppp3cb	Angel2	Mgat5
Zcchc7	Vdac2	Flvcr1	Ccnt2
Pappa	Rps24	A130010J15Rik	Rab3gap1
Dhcr24	Slmap	Traf3ip3	R3hdm1
Rad54l	Arf4	Armt1	Ubxn4
Prdx1	Hnrnpc	Ulbp1	Mcm6

For Peer Review

Ccdc163	Nedd8	Fuca2	Dars
Mtf1	Phf11c	Cited2	Cxcr4
Thrap3	Dpysl2	Heca	Yod1
Arid1a	Egr3	Tnfaip3	Fcmr
Cd52	Tpt1	Bclaf1	Mapkapk2
Rsrp1	Elf1	Stx7	Rassf5
Id3	Tdrd3	Epb41l2	Srgap2
Usp48	Sub1	Hint3	Slc41a1
Capzb	Mtdh	Hdac2	Nucks1
Zfp933	Pabpc1	Marcks	Elk4
Ube4b	Azin1	Cdc40	Rbbp5
Pik3cd	St3gal1	Cd164	Mdm4
Faap20	Ptp4a3	Cep57l1	Ppp1r15b
Krit1	Adgrb1	Snx3	Zc3h11a
Ube3c	Ly6e	Nr2e1	Lax1
Atraid	Rpl8	Ostm1	Btg2
Gtf3c2	Rac2	Cd24a	Tmem183a
Rbpj	Mfng	Prdm1	Adipor1
Stim2	Pla2g6	Asf1a	Klhl12
Rhoh	Apobec3	Man1a	Rabif
Slain2	Atf4	Serinc1	Kdm5b
Polr2b	Senp1	Dnajb12	Ube2t
Ccni	Tuba1c	Chst3	Arl8a
Bcl7a	Tmbim6	Psap	Timm17a
Pitpnm2	Eif4b	Vsir	Ipo9
Baz1b	Pcbp2	Slc29a3	Csrp1
Ywhag	Cbx5	Sgpl1	Kif21b
Card11	Zfp263	Eif4ebp2	Camsap2
Actb	Iglc2	Lrrc20	Kif14
Rpl21	Yeats2	Slc25a16	Zfp281
Klhdc10	Eif4g1	Dna2	Ptprc
Gimap3	Tra2b	Cdk1	Nek7
Hnrnpa2b1	Eif4a2	Ipmk	Dennd1b
Tigd2	St6gal1	Zwint	Zbtb41
Mob1a	Pak2	Gstt3	Aspm
Cnbp	Nrros	Mif	Cdc73
Foxp1	Rpl35a	Vpreb3	Ivns1abp
Rpl32	Gsk3b	Agpat3	Rnf2
Hnrnpf	Cggbp1	Cstb	Edem3
Wnk1	Tmem50b	Pdxk	Arpc5
Grcc10	Itsn1	Ptbp1	Smg7
Gapdh	Pigp	R3hdm4	Lamc1
Ccnd2	Agpat4	Arid3a	Dhx9
Caprin2	Igf2r	Cnn2	Glul
Ppp6r1	Wtap	Midn	Cacna1e
Rpl28	Rps2	Tcf3	Stx6

For Peer Review

Selenow	Mettl26	Mknk2	Xpr1
Prkd2	Rpl10a	Mob3a	Tor1aip1
Ppp1r37	Stk38	Ap3d1	Tor1aip2
Lipe	Brd2	Dot1l	Soat1
Rps16	Rnf5	Oaz1	Abl2
Cd22	Lsm2	Eef2	Tor3a
Scn1b	Csnk2b	Hmg20b	Fam20b
2410002F23Rik	Ddx39b	Gm48551	Ralgps2
Cd37	Tubb5	D10Wsu102e	4930523C07Rik
Bax	Ppp1r18	Ckap4	Mrps14
Slco3a1	Ppp1r10	Uhrf1bp1l	Cacybp
Prc1	H2-T22	Vezt	Rabgap1l
Mesd	Hsp90ab1	Fgd6	Rc3h1
Ucp2	Slc29a1	Nr2c1	Zbtb37
Arap1	Satb1	Btg1	Cenpl
Rnf121	Lbh	Ppp1r12a	Klhl20
Rrm1	Zfp36l2	Nap1l1	Prdx6
Rps15a	Matr3	Rab21	Suco
Rbbp6	Slc35a4	Tmem19	Sell
Atxn2l	Dpysl3	Zfc3h1	Atp1b1
Coro1a	Tmed7	Rab3ip	Sft2d2
Tmem219	Rps14	Cct2	Rcsd1
Kctd13	Cd74	Frs2	Pou2f1
Tial1	Csnk1a1	Cpsf6	Tada1
Rplp2	Gm16286	Mdm2	Pogk
Map2k7	Ppp6r3	Rap1b	Uck2
Tfdp1	Pold4	Usp15	Tmco1
Trappc11	Grk2	Cdk4	Nuf2
Fkbp8	Kdm2a	Agap2	Hsd17b7
Arrdc2	Cfl1	Nab2	Uhmk1
Prdx2	Syvn1	Ankrd52	Atf6
Chd9	Fau	Rnf41	Fcgr2b
Nup93	Mark2	Smarcc2	Sdhc
Aars	Rtn3	Esyt1	Fcer1g
Taf1c	Ttc9c	Rab5b	Ndufs2
Zfp266	Eef1g	Dnajc14	Usp21
Fbxl12	Fth1	Drg1	Dedd
Eif3g	Ms4a1	Patz1	Pfdn2
Fli1	Exoc6	Nf2	Arhgap30
Pou2af1	Lcor	Kremen1	Cd48
Csk	Scd2	Xbp1	Cd84
Map2k5	Scd1	Ccdc117	Slamf6
Rps27l	Fam107b	Mrps24	Vangl2
Phip	Nudt5	Nudcd3	Ncstn
Msl2	Yme1l1	Ogdh	Copa
Ppm1m	Ptpa	Ikzf1	Pex19

For Peer Review

Dcaf1	Mvb12b	Plek	Dcaf8
Cdc25a	Gsn	Ppp3r1	Tagln2
Zfp445	Zeb2	Pno1	Ifi209
Usp9x	Arl5a	Actr2	Mndal
Araf	Wipf1	Sertad2	Ifi203
Zfp182	Itga4	Xpo1	Cep170
Fam122b	Zdhhc5	Rel	Akt3
Pnck	Phf21a	Bcl11a	Zbtb18
Rpl10	Ehf	Psme4	Desi2
Cmc4	Caprin1	Cpeb4	Hnrnpu
Kif4	Eif3m	Fbxw11	Itpkb
Gpr174	Nop10	Npm1	Parp1
Cenpi	Slc12a6	Pank3	Acbd3
Hnrnph2	Chp1	Hmmr	Sde2
Armcx5	Pdia3	Ccng1	Nvl
Sh3kbp1	B2m	Rnf145	Wdr26
	Pcna	Ebf1	Lbr
	Ube2c	Clint1	Srp9
	Zmynd8	Thg1l	Mia3
	Gnas	Adam19	Dusp10
	Rps21	Cyfip2	Marc2
	Skil	Trim41	Eprs
	Exosc9	Flt4	Gpatch2
	Spg20	Mapk9	Flvcr1
	Serp1	Sqstm1	Tmem206
	Gpr171	Canx	Dtl
	Mbnl1	Hnrnph1	Ints7
	Fcrl1	Hnrnpab	Lpgat1
	Fcrl5	Sec24a	Traf5
	Mrpl24	Jade2	A130010J15Rik
	Krtcap2	Ppp2ca	Traf3ip3
	Shc1	Skp1a	Cr2
	Ubap2l	Vdac1	Mthfd1l
	Chtop	Aff4	Akap12
	Anp32e	Kif3a	Armt1
	Txnip	Cdc42se2	Fbxo5
	Acp6	G3bp1	Ulbp1
	Atp1a1	Mfap3	Ppil4
	Csde1	Cnot8	Zc3h12d
	Syt6	Rnf187	Stx11
	Dclre1b	Trim11	Pex3
	Phtf1	Arf1	Cited2
	Ampd2	Nlrp3	Heca
	Gbp2	Rai1	Tnfaip3
	Rabggtb	Alkbh5	Ifngr1
	Rps20	Usp22	Map3k5

For Peer Review

Dnaja1	Grap	Map7
Reck	Vamp2	Bclaf1
Zcchc7	Trp53	Tbpl1
Erp44	Eif4a1	Stx7
Ptbp3	Polr2a	Med23
Cdc26	Zbtb4	Epb41l2
Pappa	Tmem256	Rnf146
Dhcr24	Eif5a	Cenpw
Btf3l4	Gabarap	Hint3
Efcab14	Pfn1	Zup1
Uqcrh	Camta2	Hdac2
Rad54l	Derl2	Marcks
Gpbp1l1	Ube2g1	Tube1
Akr1a1	Atp2a3	Traf3ip2
Prdx1	Ncbp3	Rev3l
Ccdc163	Pafah1b1	Mfsd4b4
Thrap3	Mettl16	Cdk19
Azin2	Pitpna	Cdc40
Khdrbs1	Myo1c	Zbtb24
Laptm5	Ywhae	Cd164
Slc9a1	Cpd	Cep57l1
Cd52	Ssh2	Foxo3
Zfp593	Taok1	Snx3
Id3	Nufip2	Nr2e1
Usp48	Poldip2	Ostm1
Eif4g3	Lyrm9	Sec63
Kif17	Lgals9	Cd24a
Capzb	Wsb1	Atg5
Rcc2	Nf1	Prdm1
Pgd	Suz12	Prep
Pik3cd	Zfp207	Hace1
Krit1	Psmd11	Gopc
Cyp51	Ccl2	Man1a
Cd36	Ap2b1	Serinc1
Rsbn1l	Ccl9	Lims1
Chpf2	Ccl3	P4ha1
Ube3c	Ccl4	Ddit4
Agbl5	Ggnbp2	Anapc16
Gtf3c2	Ints2	Ascc1
Ppp1cb	Med13	Chst3
Fam53a	Vmp1	Psap
Tacc3	Cltc	Vsir
Smim20	Ypel2	Slc29a3
Rbpj	Prr11	Pcbd1
Stim2	Dynll2	Sgpl1
Rhoh	Srsf1	Eif4ebp2

For Peer Review

Ccni	Msi2	Ppa1
Hnrnpd	Trim25	Sar1a
Rpl5	Cox11	Srgn
Fam69a	Spag9	Kif1bp
Dr1	Luc7l3	Ddx21
Bcl7a	Kat7	Ccar1
Rilpl2	Ube2z	Slc25a16
Ywhag	Lasp1	Rufy2
Nyap1	Arl5c	Dnajc12
Mcm7	Stac2	Reep3
Card11	Cdk12	Arid5b
Actb	Psmd3	Cdk1
Kdelr2	Msl1	Tfam
Polr1d	Casc3	Ube2d1
Ubl3	Wipf2	Ipmk
Hmgb1	Cdc6	Zwint
Ndufa4	Eif1	Snrpd3
Snd1	Acly	Mif
Gimap6	Nkiras2	Derl3
Gimap3	Rab5c	Vpreb3
Tra2a	Stat3	Zfp280b
Hnrnpa2b1	Atp6v0a1	Pcnt
Ppm1k	Mlx	Slc19a1
Serbp1	Psme3	Sumo3
Tprkb	Lsm12	Ube2g2
Iqsec1	Atxn7l3	Pfkl
Nr2c2	Ubtf	Pwp2
Foxp1	Kif18b	Trappc10
Setd5	Plekhm1	Agpat3
Vgll4	Kansl1	Rrp1
Rpl32	Dcaf7	Cstb
Hnrnpf	Map3k3	Pdxk
Wnk1	Ccdc47	Mier2
M6pr	Cd79b	Cdc34
Ptpn6	Kpna2	Ptbp1
Grcc10	Nol11	R3hdm4
Gapdh	Prkca	Arid3a
Ccnd2	Gna13	Cnn2
Rhno1	Prkar1a	Arhgap45
Clec2d	Cog1	Midn
Dusp16	Slc9a3r1	Cirbp
Casc1	Jpt1	Dazap1
Rps9	Gga3	Tcf3
Kmt5c	Grb2	Rexo1
Rpl28	H3f3b	Klf16
Rps5	Srsf2	Gm49322

For Peer Review

Selenow	Syngr2	Mknk2
Slc1a5	Birc5	Mob3a
Prkd2	Pgs1	Ap3d1
Gemin7	Nploc4	Dot1l
Rps19	P4hb	Sf3a2
Tgfb1	Arhgdia	Oaz1
BC024978	Alyref	Lmnb2
Rps16	Mafg	Zbtb7a
Zbtb32	Wdr45b	Pias4
Cox6b1	Rab10	Eef2
Cd22	Cenpo	Pip5k1c
Scn1b	Ptrhd1	Fzr1
Gpi1	Ncoa1	Gna11
2410002F23Rik	Sf3b6	Aes
Rps11	Pum2	Hcfc2
Cd37	Fam49a	Nfyb
Ftl1	Trib2	Txnrd1
Kdelr1	Pdia6	Chst11
Ldha	Cpsf3	D10Wsu102e
Nipa2	Ywhaq	Washc4
Ube3a	Cog5	Ckap4
Prc1	Pik3cg	Tmem263
Man2a2	Sypl	Pwp1
Prcp	Twistnb	Hsp90b1
Rps3	Pnpla8	Nt5dc3
Ucp2	G2e3	Nup37
Fchsd2	Sptssa	Washc3
Stim1	Brms1l	Gas2l3
Syt9	Prps1l3	Actr6
Eif3f	Pnn	Uhrf1bp1l
Ipo7	Arf6	Apaf1
Eif4g2	Nin	Ikbip
Pde3b	Ppm1a	Slc25a3
Rbbp6	Wdr89	Tmpo
Il21r	Zbtb1	Nedd1
Atxn2l	Max	Cdk17
Eif3c	Mpp5	Elk3
Coro1a	Tmem229b	Metap2
Aldoa	Zfp36l1	Fgd6
Tmem265	Dcaf5	Nr2c1
Fus	Slc39a9	Tmcc3
Armc5	Susd6	Plxnc1
Tial1	Cox16	Ube2n
Rplp2	Med6	Nudt4
Trappc5	Pcnx	Eea1
Map2k7	Psen1	Btg1

For Peer Review

Tti2	Elmsan1	Atp2b1
Clcn3	Arel1	Dusp6
Gmip	Eif2b2	Ccdc59
Uba52	Tmed10	Ppp1r12a
Ano8	Erg28	E2f7
Prdx2	Ttll5	Osbpl8
Got2	Pomt2	Nap1l1
Fbxl8	Tmed8	Krr1
Zfhx3	Alkbh1	Glipr1
Plcg2	Sel1l	Tbc1d15
Gse1	Gpr65	Rab21
Irf8	Foxn3	Tmem19
Rpl13	Calm1	Zfc3h1
Sipa1l2	Ccdc88c	Cnot2
Fbxl12	Atxn3	Cct2
Eif3g	Lgmn	Frs2
Ilf3	Otub2	Yeats4
Dpy19l1	Atg2b	Cpsf6
Herpud2	Papola	Mdm2
Hspa8	Vrk1	Rap1b
Rps25	Yy1	Dyrk2
Ddx6	Traf3	Helb
Pou2af1	Klc1	Irak3
Wdr61	Inf2	Gns
Psma4	Cep170b	Tbk1
Csk	Cdca4	Usp15
Pkm	Tedc1	Slc16a7
Rplp1	Rapgef5	Ctdsp2
Map2k5	Gdi2	Mettl1
Rpl4	Wdr37	Cdk4
Dis3l	Gtpbp4	Tspan31
Pclaf	Ero1lb	Agap2
Rps27l	Lyst	Os9
Gtf2a2	Psma2	B4galnt1
Mapk6	Cdk13	Dtx3
Eef1a1	Elmo1	Pip4k2c
Phip	Zkscan3	Mbd6
Ibtk	Zkscan8	R3hdm2
Spsb4	Cmah	Shmt2
Msl2	Ripor2	Stat6
Rhoa	BC005537	Nab2
Cdc25a	Dusp22	Nemp1
Rpsa	Prpf4b	Ptges3
Limd1	Ly86	Atp5b
Rbm3	Rreb1	Rbms2
Usp9x	Ssr1	Cs

For Peer Review

Araf
Rpl39
Xiap
Zfp280c
Fam122b
Mtm1
Pnck
Emd
Rpl10
Cmc4
Msn
Rps4x
Cox7b
Gpr174
Sh3bgrl
Hnrnph2
Armcx5
Acsl4
Sh3kbp1
Ap1s2
Tmsb4x

Riok1
Txndc5
Atxn1
Fam8a1
Zfp169
Phf2
Iars
Spin1
Sema4d
Auh
Lman2
Grk6
Pdlim7
B230219D22Rik
Hnrnpk
Ptch1
Zfp367
Mfsd14b
Zfp953
Zfp58
Zfp738
Ice1
Pdcd6
Sdha
Fam172a
Mef2c
Dhfr
Zfyve16
Ap3b1
Hmgcr
Gfm2
Utp15
Tnpo1
Bdp1
Ccnb1
Pik3r1
Cd180
Map3k1
Slc38a9
Ndufs4
Pxk
3830406C13Rik
Slc4a7
Top2b
Rpl15
Dnajc9

Ankrd52
Rnf41
Smarcc2
Esyt1
Pa2g4
Rps26
Suox
Rab5b
Cdk2
Pym1
Dnajc14
Eif4enif1
Drg1
Patz1
Limk2
Mtmr3
Nf2
Ap1b1
Ewsr1
Znrf3
Xbp1
Ccdc117
Dbnl
Polm
Nudcd3
Ddx56
Ogdh
Zmiz2
H2afv
Myo1g
Ccm2
Hus1
Ikzf1
Fignl1
Plek
Ppp3r1
Pno1
C1d
Actr2
Rab1a
Sertad2
Aftph
Ugp2
B3gnt2
Xpo1
Rel

For Peer Review

Ppp3cb	Bcl11a
Sec24c	Pnpt1
Ap3m1	Ppp4r3b
Samd8	Prorsd1
Polr3a	Sptbn1
Zmiz1	Psme4
Slmap	Cpeb4
Dcp1a	Stk10
Nisch	Fbxw11
Sh3bp5	Npm1
Eaf1	Dock2
Ankrd28	Pank3
Parg	Mat2b
Ccser2	Hmmr
Tspan14	Rnf145
Ddhd1	Ebf1
Gmfb	Clint1
Socs4	Thg1l
Hnrnpc	Adam19
Supt16	Cyfip2
Dad1	Rack1
Pabpn1	Trim41
Khnyn	9930111J21Rik2
Pspc1	Ifi47
Xpo4	Cnot6
Phf11b	Mapk9
Pbk	Rnf130
Ptk2b	Sqstm1
Trim35	Maml1
Dpysl2	Canx
Bnip3l	Hnrnph1
Cdca2	Rufy1
Fndc3a	Hnrnpab
Itm2b	Rmnd5b
Lcp1	0610009B22Rik
Elf1	Sec24a
Acod1	Jade2
Rbm26	Cdkn2aipnl
Dnajc3	Ube2b
Mbnl2	Ppp2ca
Stk24	Skp1a
AW549877	Vdac1
Nup155	9530068E07Rik
Skp2	Aff4
Sub1	Rad50
Golph3	Fnip1

For Peer Review

Retreg1	Cdc42se2
Sema5a	Anxa6
Mtdh	Gm2a
Pabpc1	G3bp1
Ywhaz	Fam114a2
Azin1	Mfap3
Rad21	Igtp
Derl1	Irgm2
Fam91a1	Rnf187
Mtss1	Trim11
Myc	Arf1
Fam49b	Nt5m
Asap1	Med9
Efr3a	Gid4
Ago2	Drg2
Jrk	Alkbh5
Ly6e	Llgl1
Ly6a	Smcr8
Txn2	Map2k3
Rac2	Tnfrsf13b
Tmem184b	Usp22
Csnk1e	Grap
Ddx17	Akap10
Tomm22	Ncor1
Josd1	Ubb
Gtpbp1	Map2k4
Cbx6	Ndel1
Apobec3	Slc25a35
Mief1	Aurkb
St13	Vamp2
Ep300	Trappc1
Desi1	Trp53
Srebf2	Eif4a1
Tnfrsf13c	Polr2a
Parvg	Zbtb4
Nup50	Tmem256
Atxn10	Eif5a
Cerk	Ctdnep1
Sbf1	Gabarap
Slc38a1	0610010K14Rik
Slc38a2	Rnf167
Senp1	Pfn1
Ccnt1	Spag7
Arf3	Camta2
Troap	Kif1c
Tmbim6	C1qbp

For Peer Review

Nckap5l	Dhx33
Cers5	Derl2
Larp4	Mis12
Slc11a2	Ube2g1
Dazap2	Ankfy1
Sp1	Atp2a3
Prr13	Ncbp3
Pcbp2	Emc6
Atf7	Ctns
Cbx5	Rap1gap2
Copz1	Pafah1b1
Zfp174	Mettl16
Crebbp	Mnt
Cdip1	Smg6
Ciita	Prpf8
Rmi2	Slc43a2
Gspt1	Pitpna
Mrtfb	Inpp5k
Mcm4	Myo1c
Mapk1	Crk
Sdf2l1	Ywhae
Med15	Glod4
Dgcr2	Abr
Zdhhc8	Gosr1
Ranbp1	Cpd
Trmt2a	Ssh2
Dgcr8	Git1
Ufd1	Taok1
Hira	Nufip2
Iglc2	Phf12
Fam131a	Flot2
Tra2b	Eral1
Eif4a2	Fam222b
St6gal1	Aldoc
Lpp	Poldip2
Ccdc50	Tnfaip1
Acap2	Nlk
Pak2	Lgals9
Ubxn7	Ksr1
Tfrc	Wsb1
Lrch3	Evi2
Zfp148	Evi2a
Parp14	Nf1
Hcls1	Suz12
Lrrc58	Crlf3
Atp6v1a	Atad5

For Peer Review

Naa50	Zfp207
Plcxd2	Psmd11
Cip2a	Lig3
Cd47	Rffl
Bbx	Ap2b1
Cblb	Taf15
Alcam	Heatr6
Tomm70a	Synrg
St3gal6	Dhrs11
4930453N24Rik	Ggnbp2
Chmp2b	Usp32
Mis18a	Appbp2
Ifngr2	Brip1
Slc5a3	Ints2
Runx1	Med13
Ezr	Rps6kb1
Qk	Vmp1
Igf2r	Cltc
Wtap	Dhx40
Chd1	Ypel2
Lnpep	Prr11
Zfp945	Ska2
Pdpk1	Trim37
Ntn3	Mtmr4
Eme2	Dynll2
Cramp1l	Srsf1
BC003965	Mrps23
Jmjd8	Msi2
Rhot2	Trim25
Pigq	Mbtd1
Luc7l	Nme1
Neurl1b	Spag9
Atp6v0e	Luc7l3
Crebrf	Acsf2
Zbtb9	Lrrc59
Nudt3	Ppp1r9b
Srpk1	Kat7
Cdkn1a	Fam117a
Pim1	Zfp652
Wdr4	Abi3
Akap8	Gngt2
Wiz	Ube2z
Zfp871	Snx11
Rab11b	Nfe2l1
Tapbp	Pnpo
Brd2	Sp2

For Peer Review

H2-Ob	Kpnb1
H2-Ab1	Npepps
H2-Aa	Socs7
H2-Eb1	Mllt6
Pbx2	Psmb3
Rnf5	Pip4k2b
Ppt2	Cwc25
Atf6b	Rpl23
Vwa7	Lasp1
Tnf	Rpl19
H2-D1	Stac2
Tubb5	Fbxl20
Ppp1r18	Med1
Gabbr1	Cdk12
Cenpq	Mien1
Cyp39a1	Psmd3
Hsp90ab1	Med24
Srf	Msl1
Klhdc3	Casc3
Mrps10	Wipf2
Ccnd3	Rara
Sgo1	Top2a
Uhrf1	Ccr7
Safb2	Smarce1
Khsrp	Eif1
Man2a1	Acly
Myl12a	Cnp
Lbh	Dnajc7
Rasgrp3	Nkiras2
Atl2	Rab5c
Srsf7	Stat5b
Eml4	Stat5a
Mta3	Stat3
Ppm1b	Atp6v0a1
Prkce	Mlx
Rhoq	Tubg1
Calm2	Vps25
Foxn2	Becn1
Cul2	Psme3
Mtpap	Lsm12
Kif5b	G6pc3
Rab18	Atxn7l3
Wac	Ubtf
Ccny	Grn
Usp14	Ccdc43
Mib1	Kif18b

For Peer Review

Ss18	Dcakd
Trappc8	Nmt1
Mapre2	Plekhm1
Galnt1	Gosr2
Elp2	Kansl1
Slc25a46	Cdc27
Iws1	Dcaf7
Map3k2	Map3k3
Bin1	Limd2
Stard4	Strada
Brd8	Ccdc47
Etf1	Smarcd2
Ctnna1	Cd79b
Matr3	Ern1
Ube2d2a	Pecam1
Ankhd1	Ddx5
Diaph1	Kpna2
Gnpda1	Nol11
Yipf5	Pitpnc1
Tcerg1	Psmd12
Tmed7	Prkca
Eif1a	Gna13
Dmxl1	Prkar1a
Tnfaip8	Slc9a3r1
Lmnb1	Tmem104
Prrc1	Jpt1
Isoc1	Gga3
Cd74	Mif4gd
Csnk1a1	Grb2
Malt1	Tmem94
Lman1	Tsen54
Seh1l	H3f3b
Tcf4	Unk
Mex3c	Wbp2
Smad4	Ubald2
Pias2	Prpsap1
8030462N17Rik	Rhbdf2
Gm16286	Srsf2
Nfatc1	Sec14l1
Cndp2	Sept9
Tmx3	Syngr2
Cdk2ap2	Tk1
Grk2	Birc5
Kdm2a	Socs3
Rbm4b	Cyth1
Rbm4	Cant1

For Peer Review

Rbm14	Cbx4
Banf1	Eif4a3
Eif1ad	Nploc4
AI837181	Mcrip1
Cfl1	P4hb
Frmd8	Arhgdia
Dpf2	Alyref
Syvn1	Sirt7
Snx15	Mafg
Ehd1	Pycr1
Map4k2	Cenpx
Sf1	Fasn
Naa40	Csnk1d
Mark2	Narf
Rtn3	Foxk2
Slc3a2	Fn3krp
Nxf1	Rab10
Hnrnpul2	Dnmt3a
Ganab	Dnajc27
Mta2	Cenpo
Ahnak	Ncoa1
Fth1	Itsn2
Fads1	Sf3b6
Cpsf7	Ldah
Ddb1	Hs1bp3
Vps37c	Pum2
Ms4a1	Laptm4a
Patl1	Smc6
Zfp91	Fam49a
Lpxn	Trib2
Psat1	E2f6
Gnaq	Pdia6
Ak3	Nol10
Cd274	Cpsf3
Pten	Adam17
Ide	Ywhaq
Kif11	Klf11
Hells	Rrm2
Tm9sf3	Id2
Lcor	Rnf144a
Arhgap19	Rsad2
Entpd7	Adi1
Cox15	Trappc12
Erlin1	Eipr1
Scd2	Dus4l
Scd1	Cog5

For Peer Review

Hif1an	Pik3cg
Mgea5	Nampt
Actr1a	Sypl
Sufu	Atxn7l1
Xpnpep1	Hdac9
Pdzd8	Tspan13
Zfp950	Bzw2
Gm45902	Ankmy2
Fam107b	Ifrd1
Mcm10	Dnajb9
Celf2	Pnpla8
Pfkfb3	G2e3
Il2ra	Scfd1
St8sia6	Egln3
Stam	Sptssa
Bmi1	Eapp
Acbd5	Snx6
Yme1l1	Cfl2
Psd4	Baz1a
Ehmt1	Psma6
Tor4a	Nfkbia
Ssna1	Ralgapa1
Pmpca	Brms1l
Vav2	Prps1l3
Rxra	Pnn
Mrps2	Klhl28
Gfi1b	Fkbp3
Tsc1	Mis18bp1
Rapgef1	Arf6
Urm1	Sav1
Set	Nin
Fnbp1	Tmx1
Exosc2	Actr10
Abl1	Hif1a
Prrc2b	Snapc1
Golga2	Wdr89
Dpm2	Sgpp1
Gapvd1	Mthfd1
Hspa5	Zbtb1
Traf1	Hspa2
Cntrl	Fntb
Rab14	Max
Ndufa8	Fut8
Pdcl	Gphn
Rc3h2	Eif2s1
Golga1	Tmem229b

For Peer Review

Kynu	Rad51b
Zeb2	Zfp36l1
Orc4	Exd2
Rif1	Slc39a9
Stam2	Susd6
Prpf40a	Srsf5
Arl6ip6	Cox16
Gpd2	Med6
Rbms1	Sipa1l1
Tank	Psen1
Wipf1	Elmsan1
Agps	Ptgr2
Itga4	Entpd5
Itprid2	Npc2
Calcrl	Isca2
Ctnnd1	Arel1
Nup160	Fcf1
Fnbp4	Dlst
Celf1	Nek9
Harbi1	Tmed10
Phf21a	Batf
Mapk8ip1	Erg28
Trp53i11	Ttll5
Ttc17	Gpatch2l
Api5	Angel1
Traf6	Cipc
Trim44	Pomt2
Cd44	Tmed8
Pdhx	Vipas39
Caprin1	Cep128
Lmo2	Gtf2a1
Fbxo3	Sel1l
Hipk3	Gpr65
Lin7c	Foxn3
Nop10	Calm1
Slc12a6	Ccdc88c
Katnbl1	Ppp4r3a
Arhgap11a	Trip11
Dph6	Atxn3
Rasgrp1	Cpsf2
Srp14	Lgmn
Bub1b	Ubr7
Ivd	Btbd7
Rpusd2	Serpina3g
Chp1	Dicer1
Nusap1	Syne3

For Peer Review

Rtf1	Glrx5
Mapkbp1	Papola
Ehd4	Vrk1
Snap23	Ccnk
Lrrc57	Evl
Trp53bp1	Yy1
Serf2	Wars
Mfap1b	Ppp2r5c
Ctdspl2	Hsp90aa1
B2m	Cinp
Bloc1s6	Rcor1
Gabpb1	Traf3
Usp8	Eif5
Sppl2a	Klc1
Ncaph	Inf2
Itpripl1	Akt1
Stard7	Cep170b
Dusp2	Cdca4
Bcl2l11	Gpr132
Ckap2l	Mta1
Stk35	Crip1
Snrpb	Tedc1
1700037H04Rik	Esyt2
Cdc25b	Cdca7l
Rassf2	Gdi2
Esf1	Klf6
Snx5	Pfkp
Naa20	Wdr37
Cd93	Larp4b
Fkbp1a	Mtr
Csnk2a1	Heatr1
Tbc1d20	Ero1lb
Sox12	Nid1
Dusp15	Ggps1
Tm9sf4	Arid4b
Plagl2	Cdk13
Mapre1	Yae1d1
Itch	Elmo1
Cpne1	Trim27
Rbm12	Zkscan3
Nfs1	Zscan26
Rbm39	Zkscan8
Samhd1	Hist1h2be
Rprd1b	Carmil1
Ppp1r16b	Cmah
Fam83d	Ripor2

For Peer Review

Top1	Gmnn
Srsf6	BC005537
Hnf4a	Dusp22
Serinc3	Irf4
Ywhab	Exoc2
Stk4	Gmds
Sdc4	Ripk1
Ube2c	Pxdc1
Cd40	Prpf4b
Elmo2	Ly86
Zmynd8	Rreb1
Ncoa3	Ssr1
B4galt5	Riok1
Rnf114	Txndc5
Ptpn1	Eef1e1
Cstf1	Nedd9
Rab22a	Mcur1
Vapb	Cd83
Gnas	Jarid2
Ss18l1	Mylip
Dido1	Atxn1
Gid8	Nup153
Ythdf1	Dek
Gmeb2	Zfp169
Tpd52l2	Phf2
Dnajc5	Fam120a
Samd10	Ninj1
Pag1	Card19
Impa1	Bicd2
Ythdf3	Iars
Tbl1xr1	Spin1
Phc3	Sema4d
Skil	Syk
Pik3ca	Auh
Actl6a	Sptlc1
Ttc14	Sfxn1
Atp11b	Cplx2
Anxa5	4833439L19Rik
Ccna2	Nop16
Larp1b	Higd2a
Setd7	Cltb
Foxo1	Faf2
Tsc22d2	Rnf44
Serp1	Lman2
Siah2	Grk6
Mbnl1	Pdlim7

For Peer Review

Kpna4	Tmed9
Nmd3	B230219D22Rik
Pdcd10	H2afy
4930579G24Rik	Ubqln1
Tmem154	Hnrnpk
Fbxw7	Agtpbp1
Dclk2	Isca1
Hdgf	Ptch1
Mef2d	Ercc6l2
Smg5	Zfp367
Slc25a44	Mfsd14b
Pygo2	Uqcrb
Ubap2l	Ptdss1
Tpm3	Zfp595
Dennd4b	Zfp58
Chtop	Zfp748
Snx27	Zfp729b
Rfx5	Zfp738
Pi4kb	Tent4a
Gabpb2	Nsun2
Cdc42se1	Med10
Cers2	Ice1
Golph3l	Lpcat1
Ensa	Clptm1l
Mcl1	Exoc3
Rprd2	Pdcd6
Sf3b4	Sdha
Rnf115	Ccdc127
Bcl9	Erap1
Tent5c	Cast
Man1a2	Ell2
Csde1	Glrx
Olfml3	Fam172a
Hipk1	Cetn3
Rsbn1	Mef2c
Lrig2	Tmem167
Atp5f1	Serinc5
Wdr77	Arsb
Cd53	Ap3b1
Ahcyl1	Zbed3
Gnai3	Col4a3bp
Sars	Hmgcr
Clcc1	Utp15
Slc30a7	Tnpo1
Mfsd14a	Bdp1
Slc35a3	Cenph

For Peer Review

Cnn3	Ccnb1
Mettl14	Pik3r1
Camk2d	Cd180
Zgrf1	Mast4
Cisd2	Nln
Ube2d3	Kif2a
Bank1	Gapt
Ppp3ca	Map3k1
Metap1	Slc38a9
Pdlim5	Snx18
Hs2st1	Ndufs4
Sh3glb1	Paip1
Rpf1	Hmgcs1
Prkacb	Pxk
Fubp1	Thoc7
Zranb2	Psmd6
Tgs1	Slc4a7
Lyn	Oxsm
Sdcbp	Top2b
Rab2a	Ube2e1
Plekhf2	Gng2
Trp53inp1	Dnajc9
Ccne2	Ppp3cb
Virma	Sec24c
Pnisr	Vcl
Map3k7	Ap3m1
Bach2	Rps24
Casp8ap2	Zmiz1
Ube2j1	Ppif
Zfp292	Arf4
Aptx	Appl1
B4galt1	Arhgef3
Vcp	Selenok
Fancg	Dcp1a
Pax5	Spcs1
Ncbp1	Nisch
Coro2a	Bap1
Tgfbr1	Sh3bp5
Rnf20	Eaf1
Smc2	Oxnad1
Nipsnap3b	Parg
Tmem38b	Glud1
Rad23b	Wapl
Fam206a	Ccser2
Akap2	Ghitm
Txn1	Tspan14

For Peer Review

Ecpas	Txndc16
Ugcg	Ero1l
Ptbp3	Psmc6
Pole3	Gnpnat1
Tlr4	Gmfb
Cdk5rap2	Socs4
Zdhhc21	Mapk1ip1l
Ttc39b	Ktn1
Snapc3	Exoc5
Mysm1	Ap5m1
Usp1	Naa30
Jak1	Ttc5
Mier1	Osgep
Slc35d1	Pip4p1
Ssbp3	Pnp
Tceanc2	Hnrnpc
Ndc1	Supt16
Btf3l4	Rab2b
Eps15	Dad1
Efcab14	Acin1
Lrrc41	Bcl2l2
Nasp	Pabpn1
Prdx1	Dcaf11
Atp6v0b	Psme1
Foxj3	Irf9
Hivep3	Tm9sf1
Smap2	Nedd8
Ppt1	Khnyn
Cap1	Sdr39u1
Mycbp	Mphosph8
Stk40	Pspc1
Thrap3	Cryl1
Ago3	Eef1akmt1
Ago1	Xpo4
Psmb2	Sap18
Sfpq	Zdhhc20
Phc2	Phf11b
Zfp362	Gm49336
S100pbp	Mtmr6
Rbbp4	Spata13
Bsdc1	Kpna3
Marcksl1	Wdfy2
Txlna	Ctsb
Khdrbs1	Blk
Laptm5	Fam167a
Rcc1	Mtmr9

For Peer Review

Sesn2	Zfp395
Eya3	Pbk
Stx12	Esco2
Fam76a	Ptk2b
Wasf2	Trim35
Wdtc1	Dpysl2
Zdhhc18	Bnip3l
Sh3bgrl3	Ppp2r2a
Ldlrap1	Cdca2
Maco1	Kctd9
Runx3	Slc25a37
Clic4	Bin3
Srsf10	Ccar2
Eloa	Reep4
Hnrnpr	Xpo7
Cdc42	Fndc3a
Usp48	Rb1
Eif4g3	Itm2b
Hp1bp3	Nudt15
Capzb	Sucla2
Emc1	Lcp1
Rcc2	Cog3
Szrd1	Slc25a30
Fbxo42	Lacc1
Ddi2	Epsti1
Efhd2	Elf1
BC080695	Mzt1
Vps13d	Mycbp2
Tnfrsf1b	Rnf219
Tardbp	Rbm26
Tmem201	Ndfip2
Nol9	Dnajc3
Gnb1	Mbnl2
Nadk	Ipo5
Ssu72	Stk24
Mrpl20	Gpr18
Cdk6	Tm9sf2
Gatad1	AW549877
Krit1	Oxct1
Cd36	Prkaa1
Phtf2	Ttc33
Pmpcb	Ptger4
Orc5	Rictor
Srpk2	Nup155
Rint1	Brix1
Nub1	Rad1

For Peer Review

Xrcc2	Amacr
Paxip1	Sub1
Rbm33	Mtmr12
Cenpa	Golph3
Preb	6030458C11Rik
Snx17	Basp1
Supt7l	Retreg1
Ppp1cb	Zfp622
Ctbp1	Otulinl
Maea	Ctnnd2
Fam53a	Dap
Tacc3	Ankrd33b
Nsd2	March6
Mxd4	Sema5a
Add1	Mtdh
Acox3	Cox6c
Tbc1d14	Ankrd46
Wfs1	Pabpc1
Fbxl5	Ywhaz
Cd38	Zfp706
Klf3	Rrm2b
Smim14	Azin1
Ube2k	Eif3h
Rhoh	Utp23
Gnpda2	Rad21
Commd8	Med30
Ociad1	Taf2
Usp46	Zhx2
Fip1l1	Derl1
Srd5a3	Fam91a1
Clock	Tmem65
Rest	Rnf139
Rufy3	Mtss1
Mob1b	Sqle
Rchy1	Myc
G3bp2	Fam49b
Sept11	Asap1
Ccni	Efr3a
Cnot6l	Tmem71
Hnrnpd	Sla
Hnrnpdl	St3gal1
Sec31a	Chrac1
Lin54	Ago2
Aff1	Ptp4a3
Spp1	Them6
Gbp9	Ly6d

For Peer Review

Gbp4	Ly6e
Lrrc8c	Ly6a
Lrrc8d	Top1mt
Tmed5	Plec
Pcgf3	Grina
Ep400	Cyc1
Pitpnb	Slc39a4
Coro1c	Lrrc14
Ube3b	Rpl8
Mmab	1110038F14Rik
Gltp	Myh9
Sppl3	Txn2
Unc119b	Ncf4
Mlec	Csf2rb
Dynll1	Rac2
Srsf9	Cyth4
Pxn	Triobp
Taok3	Micall1
Fbxw8	Polr2f
Plbd2	Tmem184b
Dtx1	Csnk1e
Ptpn11	Ddx17
Aldh2	Tomm22
Brap	Josd1
Atp2a2	Gtpbp1
Camkk2	Sun2
Anapc5	Cbx6
Rhof	Apobec3
Mlxip	Cbx7
Vps33a	Mief1
Zcchc8	Atf4
Sbno1	Cacna1i
Kmt5a	Mrtfa
Tmed2	St13
Zfp664	Xpnpep3
Tpst1	Rbx1
Eif4h	Ep300
Tbl2	Zc3h7b
Mdh2	Tob2
Ywhag	Desi1
Cux1	Ccdc134
Ap1s1	Srebf2
Lrch4	Tnfrsf13c
Agfg2	Rrp7a
Mepce	Poldip3
Actb	Arfgap3

For Peer Review

Pomp	Pacsin2
Slc7a1	Tspo
Ubl3	Ttll12
Pds5b	Parvg
Sem1	Nup50
C1galt1	5031439G07Rik
Glcci1	Atxn10
Phf14	Cerk
Tmem106b	Creld2
Tmem168	Alg10b
Capza2	Gxylt1
Wasl	Pphln1
Calu	Slc38a1
Ahcyl2	Slc38a2
Nrf1	Pced1b
Klhdc10	Slc48a1
Mkln1	Senp1
Nup205	Asb8
Mtpn	Kansl2
Creb3l2	Ccnt1
Zc3hav1l	Arf3
Zc3hav1	Tuba1b
Ubn2	Fmnl3
Luc7l2	Tmbim6
Hipk2	Racgap1
Kdm7a	Smarcd1
Braf	Larp4
E330009J07Rik	Dip2b
Casp2	Atf1
Gimap8	Letmd1
Gimap4	Csrnp2
Gpnmb	Dazap2
Hnrnpa2b1	Slc4a8
Znrf2	Acvr1b
Herc3	Eif4b
Smarcad1	Sp1
Serbp1	Prr13
Eif2ak3	Pcbp2
Rmnd5a	Atf7
Immt	Calcoco1
Usp39	Hoxc4
0610030E20Rik	Smug1
Mat2a	Cbx5
Tgoln1	Hnrnpa1
Kcmf1	Copz1
Pole4	Zfp385a

For Peer Review

Hk2	Nckap1l
Mthfd2	Naa60
Mob1a	Slx4
Tex261	Crebbp
Zfp638	Tfap4
Dusp11	Coro7
Pcyox1	Hmox2
Tia1	Cdip1
Rab7	Ubald1
Sec61a1	Mgrn1
Mcm2	Nudt16l1
Nup210	Glyr1
Slc6a6	Ubn1
Nr2c2	Pmm2
Suclg2	Carhsp1
Foxp1	Usp7
Eif4e3	1810013L24Rik
Ppp4r2	Ciita
Arl8b	Rmi2
Edem1	Snn
Setd5	Gspt1
Jagn1	Rrn3
Vhl	Pdxdc1
Mbd4	Nde1
Zfp422	Fopnl
Rassf4	Mcm4
Adipor2	Mzt2
Wnk1	Spidr
Il17ra	Ppm1f
Atp6v1e1	Mapk1
Mical3	Sdf2l1
Aicda	Ube2l3
Ing4	Pi4ka
Chd4	Snap29
Ncapd2	Crkl
Vamp1	Med15
Rad51ap1	Dgcr2
Ccnd2	Slc25a1
Clec2d	Ranbp1
Ybx3	Comt
Etv6	Cdc45
Lrp6	Ufd1
Dusp16	Hira
Atf7ip	Iglc2
Dera	B3gnt5
Aebp2	Abcc5

For Peer Review

Etnk1	Dvl3
Bcat1	Abcf3
Bhlhe41	Psmd2
Klhl42	Eif4g1
Prpf31	Senp2
Rps9	Tra2b
Leng8	Etv5
Hspbp1	Dnajb11
Fiz1	Eif4a2
U2af2	St6gal1
Zfp329	Lpp
Zscan22	Ccdc50
Rnf225	Opa1
Trim28	Acap2
Selenow	Pak2
Slc1a5	Nrros
Ptgir	Ubxn7
Calm3	Pcyt1a
Ppp5c	Tfrc
Hif3a	Tnk2
Fbxo46	Rubcn
Ethe1	Fyttd1
Cd79a	Lrch3
Arhgef1	Zfp148
Pou2f2	Heg1
Ceacam2	Hacd2
Ccdc97	Parp14
Hnrnpul1	Dtx3l
2310022A10Rik	Parp9
Hnrnpl	Kpna1
Actn4	Fam162a
Zfp84	Cd86
Cox6b1	Hcls1
4931406P16Rik	Gtf2e1
Cebpg	Lrrc58
Lrp3	Gsk3b
Zfp507	Adprh
Emc10	Timmdc1
Spib	Poglut1
Nup62	Tmem39a
Prmt1	Zbtb20
Cd37	Qtrt2
Gys1	Atp6v1a
Bax	Naa50
Ldha	Atg3
Zdhhc13	Btla

For Peer Review

Nipa2	Cd200
Ube3a	Abhd10
Selenos	Plcxd2
Mef2a	Cip2a
Fam169b	Cd47
Abhd2	Bbx
Prc1	Cblb
Man2a2	Alcam
Iqgap1	Nfkbiz
Stard5	Cep97
Zfand6	Tomm70a
Ctsc	Tbc1d23
Prcp	Cpox
Kctd14	Cldnd1
Ints4	Cggbp1
Clns1a	Hspa13
Spcs2	Usp25
Ppme1	D16Ertd472e
Ucp2	Gabpa
Rab6a	Ltn1
Xndc1	Cct8
Trim34a	Bach1
Trim30b	Scaf4
Trim30a	Mis18a
Fam160a2	4932438H23Rik
Timm10b	Ifnar1
Tpp1	Ifngr2
Eif3f	Tmem50b
Tmem9b	Son
Ipo7	Slc5a3
Wee1	Runx1
Far1	Morc3
Rras2	Ets2
Pde3b	Hmgn1
Xylt1	Dynlt1f
Rps15a	Ezr
Arl6ip1	Qk
Dcun1d3	Tcp1
Eef2k	Acat2
Ubfd1	Wtap
Prkcb	Sod2
Rbbp6	Tbp
Il4ra	Chd1
Sbk1	Riok2
Nfatc2ip	Lnpep
Atxn2l	Ppp2r1a

For Peer Review

Aldoa	Zfp943
Cd2bp2	Zfp213
Tbc1d10b	Srrm2
Itgal	Elob
Srcap	Kctd5
Fus	Pdpk1
Plekha1	Ntn3
Fam53b	Ccnf
Psmd13	Rnps1
Ap2a2	Mlst8
Tollip	Traf7
Lsp1	Pkd1
Cd81	Jpt2
Nap1l4	Cramp1l
A430078G23Rik	BC003965
Arhgef18	Ube2i
Fcer2a	Rhot2
Map2k7	Pigq
Elavl1	Axin1
Cers4	Luc7l
Tubgcp3	Neurl1b
Pcid2	Ergic1
Tfdp1	Atp6v0e
Rasa3	Crebrf
Agpat5	Zbtb9
Slc25a15	Bak1
Ikbkb	Itpr3
Kat6a	Hmga1
Plekha2	Nudt3
Tacc1	Rps10
Nsd3	D17Wsu92e
Lsm1	Ppard
Hook3	Fkbp5
Plpbp	Srpk1
Eif4ebp1	Brpf3
Tnks	Kctd20
Frg1	Stk38
Irf2	Srsf3
Ing2	Pim1
Clcn3	Tbc1d22b
Cpe	Cmtr1
Msmo1	Abcg1
Psd3	Sik1
Atp6v1b2	Brd4
Gatad2a	Akap8
Sugp2	Wiz

For Peer Review

Gdf15	Zfp871
Pgpep1	Zfp799
Jak3	Hnrnpm
Tpm4	Rab11b
Rab8a	Ndufa7
Eps15l1	Tapbp
Hmox1	Vps52
Otud4	H2-K1
Elmod2	Brd2
Gipc1	H2-DMa
Pkn1	H2-DMb2
Ddx39	Psmb9
Prkaca	Psmb8
Nacc1	H2-Ob
Calr	H2-Ab1
Trir	H2-Aa
Wdr83os	H2-Eb1
N4bp1	H2-Eb2
Cyld	Pbx2
Fto	Rnf5
Slc12a3	Agpat1
Usb1	Atf6b
Tk2	Lsm2
Rrad	Vwa7
Cbfb	Clic1
Lrrc29	Csnk2b
Ctcf	Bag6
Chtf8	Prrc2a
Cyb5b	Ddx39b
Nfat5	H2-D1
Ap1g1	Tubb5
Phlpp2	Nrm
Pdpr	Ppp1r18
Glg1	Atat1
Znrf1	Prr3
Adat1	Trim26
Gse1	Ppp1r11
Irf8	Znrd1
Slc7a5	Gabbr1
Cbfa2t3	Cenpq
Ankrd11	Tnfrsf21
Tcf25	Hsp90ab1
Afg3l1	Slc29a1
Urb2	Gtpbp2
Irf2bp2	Polh
Tomm20	Polr1c

For Peer Review

Itgb1	Yipf3
Tmem123	Srf
Birc3	Klc4
Sesn3	Klhdc3
Ankrd49	Bicral
Mre11a	Ubr2
Zfp26	Ccnd3
Dnmt1	Bysl
Raver1	Med20
Ilf3	Tomm6
Anln	Foxp4
Snx19	Nfya
Fli1	Unc5cl
Ets1	Rftn1
Tirap	Tbc1d5
Stt3a	Satb1
Ubash3b	Sgo1
Sorl1	Sh3gl1
Tbcel	Chaf1a
Arhgef12	Uhrf1
Cbl	Mllt1
Hinfp	Khsrp
Hyou1	Pja2
Ddx6	Man2a1
Arcn1	Vapa
Ube4a	Ralbp1
Pcsk7	Twsg1
Sidt2	Zbtb14
Nxpe2	Tgif1
Rexo2	Myl12b
Rbm7	Myl12a
Pou2af1	Lpin2
Rdx	Lbh
Wdr61	Lclat1
Hmg20a	Memo1
1700017B05Rik	Dpy30
Scamp2	Spast
Ulk3	Yipf4
Csk	Birc6
Pml	Rasgrp3
Nptn	Fam98a
Arih1	Strn
Pkm	Eif2ak2
Tle3	Cebpz
Rplp1	Prkd3
Fem1b	Atl2

For Peer Review

Smad3	Sos1
Map2k1	Eml4
Rab11a	Mta3
Hacd3	Zfp36l2
Pclaf	Thada
Usp3	Ppm1b
Rab8b	Prkce
Tpm1	Rhoq
Ccnb2	Ttc7
Mindy2	Calm2
Polr2m	Foxn2
Tcf12	Cul2
Zfp280d	Mtpap
Mns1	Kif5b
Rfx7	Rab18
Rsl24d1	Wac
Arpp19	Ccny
Gclc	Usp14
Eef1a1	Mib1
Tmem30a	Riok3
Phip	Ss18
Syncrip	Mapre2
Tbc1d2b	Zfp397
U2surp	Galnt1
Xrn1	Rprd1a
Slc25a36	Elp2
Rad54l2	Slc25a46
Gnai2	Sap130
Ip6k1	Ammecr1l
Rhoa	Iws1
Qrich1	Map3k2
Shisa5	Ercc3
Cdc25a	Bin1
Smarcc1	Wdr36
Epm2aip1	Stard4
Pdcd6ip	Brd8
Cmtm6	Kif20a
Stt3b	Cdc23
Tgfbr2	Fam53c
Azi2	Egr1
Oxsr1	Etf1
Wdr48	Hspa9
Csrnp1	Matr3
Ctnnb1	Paip2
Trak1	Mzb1
Nktr	Ube2d2a

For Peer Review

Zfp445	Cxxc5
Zdhhc3	Cystm1
Lars2	Ankhd1
Limd1	Eif4ebp3
Lztfl1	Slc35a4
Clcn5	Ik
Gpkow	Zmat2
Tfe3	Pcdhga1
Otud5	Diaph1
Ftsj1	Rnf14
Cybb	Gnpda1
Mid1ip1	Ndfip1
Med14	Arhgap26
Kdm6a	Nr3c1
Slc9a7	Lars
Rp2	Rbm27
Jade3	Tcerg1
Araf	Dcp2
Elk1	Ythdc2
C330007P06Rik	Pggt1b
Sept6	Fem1c
Rpl39	Tmed7
Thoc2	Eif1a
Xiap	Commd10
Sash3	Eno1b
Zdhhc9	Dmxl1
Elf4	Tnfaip8
Zfp280c	Snx2
Rap2c	Zfp608
Phf6	Gramd3
Fam122b	Lmnb1
Arhgef6	Prrc1
Fmr1	Slc12a2
Ids	Isoc1
Mtmr1	Smim3
Bcap31	Dctn4
Irak1	Ndst1
Mecp2	Cd74
Emd	Tcof1
Atp6ap1	Csnk1a1
Gdi1	Txnl1
Ikbkg	Nars
Fundc2	Malt1
Mtcp1	Lman1
5430427O19Rik	Seh1l
Zc4h2	Fam210a

For Peer Review

Msn
Yipf6
Il2rg
Nono
Ogt
Pbdc1
Atrx
Magt1
Pgk1
P2ry10
Brwd3
Sh3bgrl
Btk
Hnrnph2
Slc25a53
Prps1
Tsc22d3
Acsl4
Ammecr1
Apex2
Smc1a
Kdm5c
Kantr
Acot9
Rps6ka3
Eif1ax
Sh3kbp1
Rbbp7
Zrsr2
Mospd2
Tmsb4x
Prps2

Tcf4
Mbd2
Mex3c
Me2
Cxxc1
BC031181
Smad7
Smad2
Ier3ip1
Pias2
8030462N17Rik
Atp5a1
Slc14a1
Adnp2
Gm16286
Pqlc1
Nfatc1
Mbp
Tshz1
Cndp2
Cyb5a
Tmx3
Ppp6r3
1810055G02Rik
Ndufs8
Unc93b1
Cdk2ap2
Aip
Coro1b
Ptprcap
Ppp1ca
Pold4
Grk2
Kdm2a
Rbm4b
Rbm4
Rbm14
Rab1b
Pacs1
Sf3b2
Banf1
Eif1ad
AI837181
Cfl1
Rela
Pcnx3

For Peer Review

Frmd8
Dpf2
Capn1
Syvn1
Cdca5
Snx15
Ehd1
Map4k2
Sf1
Nrxn2
Fermt3
Stip1
Otub1
Cox8a
Naa40
Mark2
Rtn3
Atl3
Slc3a2
Nxf1
Tmem179b
Polr2g
Ttc9c
Hnrnpul2
Ubxn1
Lbhd1
Ints5
Ganab
Eml3
Mta2
Ahnak
Incenp
Fth1
Fen1
Tmem258
Sdhaf2
Cpsf7
Tmem216
Tkfc
Ddb1
Vps37c
Tmem109
Prpf19
Ccdc86
Ms4a1
Ms4a6c

For Peer Review

Patl1
Fam111a
Zfp91
Lpxn
Tle4
Psat1
Gnaq
Ostf1
Dock8
Smarca2
Rfx3
4430402I18Rik
Cdc37l1
Ak3
Rcl1
Cd274
Ric1
Ermp1
Atad1
Pten
Ifit1
Pank1
March5
Ide
Kif11
Hhex
Hells
Aldh18a1
Blnk
Tm9sf3
Pik3ap1
Lcor
Arhgap19
Exosc1
Zdhhc16
Hps1
Got1
Entpd7
Dnmbp
Erlin1
Scd2
Scd1
Ndufb8
Hif1an
Pax2
Slf2

For Peer Review

Sfxn3
Mgea5
Pprc1
Nfkb2
Actr1a
Sufu
Trim8
Borcs7
Calhm2
Sh3pxd2a
Slk
Gsto1
Xpnpep1
Add3
Mxi1
Smndc1
Pdcd4
Shoc2
Acsl5
Zdhhc6
Vti1a
Fam160b1
Pdzd8
Cacul1
Eif3a
Prdx3
Zfp950
Fam107b
Sephs1
Mcm10
Camk1d
Nudt5
Upf2
Usp6nl
Celf2
Taf3
Pfkfb3
Il2ra
Rsu1
Vim
St8sia6
Stam
Arl5b
Dnajc1
Bmi1
Apbb1ip

For Peer Review

Abi1
Yme1l1
Psd4
Ehmt1
Zmynd19
Ssna1
Traf2
Entr1
Pmpca
Notch1
Med22
Surf4
Vav2
Brd3
Wdr5
Mrps2
Gtf3c5
Gfi1b
Rapgef1
Cercam
Odf2
Sptan1
Set
Zer1
Tbc1d13
Ptpa
Fnbp1
Abl1
Fam78a
Prrc2b
Swi5
1110008P14Rik
Ptges2
Fam102a
Dpm2
Fpgs
Sh2d3c
Slc2a8
Zbtb34
Pbx3
Mapkap1
Gapvd1
Hspa5
Psmd5
Phf19
Traf1

For Peer Review

Rab14
Ggta1
Ndufa8
Pdcl
Rc3h2
Zbtb6
Rabgap1
Dennd1a
Golga1
Ppp6c
Kynu
Zeb2
Orc4
Rif1
Arl5a
Prpf40a
Arl6ip6
Gpd2
Cytip
Rbms1
Tank
Psmd14
Gca
Stk39
Cers6
Spc25
Ppig
Ssb
Ubr3
Gorasp2
Tlk1
Mettl8
Dync1i2
Itga6
Map3k20
Cdca7
Sp3
Ola1
Wipf1
Atf2
Lnpk
Mtx2
Hnrnpa3
Agps
Plekha3
Itga4

For Peer Review

Itprid2
Dnajc10
Ctnnd1
Med19
Ube2l6
Ssrp1
Tnks1bp1
Ptprj
Nup160
Fnbp4
Mtch2
Celf1
Slc39a13
Spi1
Madd
Ckap5
Arhgap1
Atg13
Dgkz
Phf21a
Mapk8ip1
Slc35c1
Trp53i11
Cd82
Api5
Traf6
Trim44
Cd44
Cat
Caprin1
Lmo2
Fbxo3
Hipk3
Cstf3
Rcn1
Dnajc24
Lin7c
Nop10
Slc12a6
Emc7
Arhgap11a
Aqr
Dph6
BC052040
Spred1
Rasgrp1

For Peer Review

Srp14
Bub1b
Plcb2
Knstrn
Ivd
Bahd1
Ccdc32
Rpusd2
Chac1
Chp1
Nusap1
Rtf1
Ehd4
Vps39
Ganc
Snap23
Ttbk2
Ccndbp1
Pdia3
Serf2
Hypk
Mfap1b
Mfap1a
Ctdspl2
B2m
Gatm
Bloc1s6
Myef2
Dut
Secisbp2l
Cops2
Gabpb1
Usp8
Trpm7
Sppl2a
Ncaph
Itpripl1
Snrnp200
Tmem127
Stard7
Mrps5
Bcl2l11
Anapc1
Slc20a1
Sirpa
Stk35

For Peer Review

Snrpb
Atrn
Cdc25b
Mavs
Pank2
Rassf2
Slc23a2
Pcna
Cds2
Gpcpd1
Trmt6
Crls1
Tmx4
Lamp5
Esf1
Dstn
Snx5
Polr3f
Sec23b
Xrn2
Cd93
Gzf1
Apmap
Nsfl1c
Fkbp1a
Psmf1
Csnk2a1
Tbc1d20
Sox12
H13
Bcl2l1
Tpx2
Dusp15
Pdrg1
Tm9sf4
Plagl2
Pofut1
Kif3b
Mapre1
Cbfa2t2
Chmp4b
Raly
Eif2s2
Itch
Trp53inp2
Trpc4ap

For Peer Review

Edem2
BC029722
Eif6
Cpne1
Rbm12
Nfs1
Romo1
Rbm39
Phf20
Rab5if
Ndrg3
Samhd1
Rbl1
Rpn2
Blcap
Rprd1b
Ralgapb
Ppp1r16b
Fam83d
Dhx35
Top1
Srsf6
Ttpal
Serinc3
Pkig
Ywhab
Tomm34
Stk4
Slpi
Sdc4
Pigt
Ube2c
Zswim1
Pcif1
Ncoa5
Elmo2
Zfp334
Ncoa3
Prex1
Arfgef2
Cse1l
Stau1
Znfx1
B4galt5
Slc9a8
Rnf114

For Peer Review

Tmem189
Ptpn1
Pard6b
Adnp
Zfp217
Pfdn4
Rtf2
Rbm38
Rab22a
Gnas
Ctsz
Taf4
Lsm14b
Ogfr
Dido1
Gid8
Ythdf1
Gmeb2
Arfrp1
Tpd52l2
Dnajc5
Zfp512b
Samd10
Pcmtd2
Zc2hc1a
Tpd52
Pag1
Impa1
Ythdf3
Mtfr1
Hps3
Tbl1xr1
Ect2
Eif5a2
Phc3
Skil
Zmat3
Pik3ca
Mfn1
Actl6a
Ttc14
Fxr1
Atp11b
Ccna2
Exosc9
4932438A13Rik

For Peer Review

Pgrmc2
Jade1
Noct
Elf2
Naa15
Rab33b
Setd7
Foxo1
Supt20
Commd2
Rnf13
Tsc22d2
Serp1
Selenot
Siah2
Mbnl1
Dhx36
Slc33a1
Ssr3
Tiparp
Mfsd1
Trim59
Kpna4
Ppm1l
4930579G24Rik
Tmem154
Fbxw7
Fcrl5
Etv3
Arhgef11
Hdgf
Rrnad1
Isg20l2
Iqgap3
Mef2d
Cct3
Pmf1
Slc25a44
Ubqln4
Ssr2
Khdc4
Rusc1
Scamp3
Dpm3
Zbtb7b
Cks1b

For Peer Review

Shc1
Pygo2
Adar
Ube2q1
Ubap2l
Tpm3
Slc39a1
Dennd4b
Gatad2b
Ilf2
Chtop
S100a11
S100a10
Snx27
Psmb4
Rfx5
Zfp687
Pip5k1a
Gabpb2
Mllt11
Cdc42se1
Prune1
Mindy1
Cers2
Ctss
Golph3l
Ensa
Mcl1
Rprd2
Prpf3
Anp32e
Sf3b4
Txnip
Rbm8a
Pex11b
Rnf115
Bcl9
Fmo5
Notch2
Tent5c
Man1a2
Sike1
Csde1
Nras
Hipk1
Ptpn22

For Peer Review

Rsbn1
Lrig2
Slc16a1
Capza1
Ddx20
Rap1a
Atp5f1
Cd53
Rbm15
Ahcyl1
Gnai3
Psma5
Celsr2
Sars
Prpf38b
S1pr1
Dph5
Slc30a7
Dbt
Sass6
Mfsd14a
Slc35a3
Ptbp2
Cnn3
Abcd3
1810037I17Rik
Sec24d
Camk2d
Zgrf1
Tifa
Ap1ar
Gar1
Ostc
Lef1
Hadh
Papss1
Ppa2
Cisd2
Ube2d3
Nfkb1
Bank1
Ppp3ca
Dnajb6
Lamtor3
Dapp1
Trmt10a

For Peer Review

Adh5
Metap1
Tspan5
Rap1gds1
Pdlim5
Gbp5
Gbp7
Gbp2
Pkn2
Lmo4
Hs2st1
Selenof
Sh3glb1
Bcl10
2410004B18Rik
Ssx2ip
Prkacb
Fubp1
Usp33
Fpgt
Zranb2
Ankrd13c
Srsf11
Tmem68
Tgs1
Lyn
Rps20
Impad1
Sdcbp
Nsmaf
Rab2a
Plekhf2
Trp53inp1
Ccne2
Virma
Rad54b
Cdh17
Rbm12b2
Rbm12b1
Otud6b
Tmem64
Cpne3
Pnisr
Manea
Map3k7
Bach2

For Peer Review

Casp8ap2
Ube2j1
Akirin2
Zfp292
Mob3b
C9orf72
Aco1
Ddx58
Aptx
Smu1
B4galt1
Chmp5
Nfx1
Nol6
Ube2r2
Ubap2
Dcaf12
Sigmar1
Dnajb5
Vcp
Fancg
Arhgef39
Tln1
Clta
Rnf38
Melk
Pax5
Grhpr
Exosc3
Slc25a51
Tstd2
Ncbp1
Trmo
Anp32b
Trim14
Coro2a
Stx17
Erp44
Mrpl50
Rnf20
Smc2
Nipsnap3b
Tmem38b
Rad23b
Fam206a
Akap2

For Peer Review

Txn1
Ecpas
Ugcg
Susd1
Ptbp3
Hsdl2
Snx30
Slc31a1
Prpf4
Pole3
Atp6v1g1
Tmem268
Trim32
Tlr4
Cdk5rap2
Kdm4c
Nfib
Zdhhc21
Ttc39b
Snapc3
Psip1
Haus6
Mtap
Caap1
Plaa
Mysm1
Tm2d1
Usp1
Atg4c
Alg6
Jak1
Ak4
Pde4b
Mier1
Slc35d1
Dhcr24
Ssbp3
Ndc1
Zyg11b
Coa7
Txndc12
Osbpl9
Eps15
Cdkn2c
Cmpk1
Stil

For Peer Review

Efcab14
Lrrc41
Nasp
Prdx1
Hectd3
Kif2c
Rnf220
Atp6v0b
Elovl1
Cdc20
Ebna1bp2
Slc2a1
Svbp
AU022252
Ybx1
Hivep3
Scmh1
Smap2
Zmpste24
Ppt1
Cap1
Macf1
Mycbp
Rragc
Utp11
Mtf1
Yrdc
Cdca8
Snip1
Meaf6
Zc3h12a
Lsm10
Stk40
Thrap3
Trappc3
Ago3
Ago1
Psmb2
AU040320
Zmym4
Sfpq
Smim12
Phc2
Zfp362
Ak2
S100pbp

For Peer Review

Yars
Rbbp4
Marcksl1
Hdac1
Txlna
Kpna6
Tmem39b
Khdrbs1
Snrnp40
Pum1
Laptm5
Srsf4
Epb41
Ythdf2
Gmeb1
Rcc1
Phactr4
Med18
Sesn2
Dnajc8
Eya3
Ppp1r8
Stx12
Fam76a
Fgr
Wasf2
Tmem222
Wdtc1
Zdhhc18
Arid1a
Rps6ka1
Hmgn2
Dhdds
Cd52
Sh3bgrl3
Cep85
Mtfr1l
Ldlrap1
Maco1
Tmem50a
Rsrp1
Runx3
Clic4
Srrm1
Srsf10
Pnrc2

For Peer Review

Hmgcl
Lypla2
Eloa
Id3
E2f2
Hnrnpr
Cdc42
Usp48
Alpl
Eif4g3
Hp1bp3
Capzb
Pqlc2
Emc1
Aldh4a1
Rcc2
Necap2
Szrd1
Fbxo42
Ddi2
Dnajc16
Casp9
Efhd2
Pramef8
Tnfrsf1b
2510039O18Rik
Clcn6
Tardbp
Casz1
Dffa
Pgd
Kif1b
Lzic
Pik3cd
Tmem201
Gpr157
Eno1
Rere
Vamp3
Camta1
Klhl21
Nol9
Icmt
Rpl22
Kcnab2
Lrrc47

For Peer Review

Ski
Faap20
Gnb1
Nadk
Ssu72
Atad3a
Aurkaip1
Acap3
Sdf4
Noc2l
Cdk6
Gatad1
Cyp51
Sri
Dbf4
Tmem243
Cd36
Phtf2
Ptpn12
Gsap
Fgl2
Armc10
Pmpcb
Orc5
Srpk2
Pus7
Fam126a
Nub1
Rheb
Xrcc2
Paxip1
Insig1
Nom1
Ube3c
Selenoi
Cenpa
Ost4
Preb
Cad
Gtf3c2
Snx17
Ppm1g
Zfp512
Gpn1
Supt7l
Babam2

For Peer Review

Ppp1cb
Depdc5
Ywhah
Ctbp1
Maea
Uvssa
Slbp
Tacc3
Nsd2
Nelfa
Mxd4
Rnf4
Add1
Mfsd10
Htt
Acox3
Tada2b
Tbc1d14
D5Ertd579e
Mrfap1
Jakmip1
Wdr1
Fbxl5
Cd38
Lap3
Med28
Lcorl
Dhx15
Rbpj
Klf3
Ugdh
Smim14
Ube2k
Pds5a
Rhoh
Rbm47
Slc30a9
Atp8a1
Commd8
Nfxl1
Slain2
Ociad1
Usp46
Fip1l1
Chic2
Srd5a3

For Peer Review

Ppat
Paics
Srp72
Hopx
Rest
Polr2b
Uba6
Jchain
Mob1b
Dck
Rchy1
G3bp2
Naaa
Sdad1
Sept11
Ccni
Ccng2
Cnot6l
Mrpl1
Bmp2k
Hnrnpd
Hnrnpdl
Sec31a
Plac8
Aff1
Hsd17b11
Gbp9
Gbp4
Lrrc8b
Lrrc8c
Lrrc8d
Zfp326
Rpl5
Tmed5
Dr1
Pcgf3
Gak
Golga3
Ankle2
Ddx51
Ep400
Chek2
Pitpnb
Sart3
Selplg
Coro1c

For Peer Review

Ssh1
Ung
Kctd10
Ube3b
Gltp
Git2
Ankrd13a
Oasl1
Sppl3
Unc119b
Mlec
Dynll1
Srsf9
Gatc
Cox6a1
Pxn
Rab35
Cit
Suds3
Taok3
Pebp1
Fbxo21
Med13l
Plbd2
Rasal1
Dtx1
Ptpn11
Trafd1
Naa25
Sh2b3
Hvcn1
Pptc7
Arpc3
Atp2a2
Camkk2
Anapc5
Rhof
Psmd9
Bcl7a
Mlxip
Diablo
Vps33a
Clip1
Zcchc8
Pitpnm2
Sbno1

For Peer Review

Kmt5a
Rilpl2
Tmed2
Gtf2h3
Ubc
Dhx37
Bri3bp
Aacs
Ran
Psph
Chchd2
Vkorc1l1
Tpst1
Tmem248
Galnt17
Gtf2i
Rfc2
Lat2
Eif4h
Tbl2
Bcl7b
Baz1b
Pom121
Mdh2
Ywhag
Polr2j
Cux1
Fis1
Ap1s1
Gigyf1
Gnb2
Lrch4
Tsc22d4
Mepce
Mcm7
Taf6
Cox19
3110082I17Rik
Mafk
Eif3b
Ttyh3
Foxk1
Wipi2
Actb
Zfp12
E130309D02Rik

For Peer Review

Kdelr2
Daglb
Rac1
Eif2ak1
Pms2
Lmtk2
Bhlha15
Arpc1a
Bud31
Zfp655
Rnf6
Lnx2
Pan3
Pomp
Slc7a1
Ubl3
Hmgb1
Fry
Pds5b
Samd9l
Bet1
C1galt1
Rpa3
Umad1
Glcci1
Tmem106b
Tmem168
Bmt2
2610001J05Rik
Mdfic
Tes
Capza2
Fam3c
Wasl
Zfp800
Gcc1
Arf5
Snd1
Rbm28
Impdh1
Calu
Atp6v1f
Irf5
Ahcyl2
Ube2h
Klhdc10

For Peer Review

Mkln1
Chchd3
Exoc4
Slc35b4
Nup205
Mtpn
Creb3l2
Ubn2
Luc7l2
Hipk2
Kdm7a
Ndufb2
Braf
E330009J07Rik
Casp2
Pdia4
Zfp398
Zfp282
Zfp212
Lrrc61
Repin1
Gimap8
Gimap9
Gimap4
Gimap6
Gimap7
Gimap5
Gimap3
Tra2a
Hnrnpa2b1
Cbx3
Skap2
Hibadh
Znrf2
Kbtbd2
Ppm1k
Herc3
Smarcad1
Mad2l1
Gng12
Serbp1
Rpia
Eif2ak3
Krcc1
Rmnd5a
Chmp3

For Peer Review

Kdm3a
Immt
St3gal5
0610030E20Rik
Rnf181
Mat2a
Tgoln1
Mrpl19
Pole4
Mthfd2
Mob1a
Tex261
Paip2b
Dusp11
Pcyox1
Tia1
Snrnp27
Gmcl1
Anxa4
Aak1
Gfpt1
Rab43
Isy1
Cnbp
Copg1
Hmces
Rab7
Rpn1
Sec61a1
Mcm2
Tpra1
Nup210
Chchd4
Tmem43
Lsm3
Slc6a6
Nr2c2
Tmf1
Arl6ip5
Foxp1
Rybp
Shq1
Itpr1
Bhlhe40
Arl8b
Edem1

For Peer Review

Rad18
Setd5
Arpc4
Jagn1
Emc3
Fancd2
Brk1
Vhl
Sec13
Mbd4
Plxnd1
Tmcc1
Zfp422
Rassf4
Cxcl12
Adipor2
Wnk1
Atp6v1e1
Bcl2l13
Bid
M6pr
Aicda
Slc2a3
Foxj2
Necap1
Lpcat3
Ptpn6
Tpi1
Usp5
Cdca3
Ptms
Mlf2
Cops7a
Chd4
Ncapd2
Vamp1
Rad51ap1
D6Wsu163e
Ccnd2
Tulp3
Foxm1
Fkbp4
BC035044
Clec2d
Ybx3
Etv6

For Peer Review

Lrp6
Borcs5
Cdkn1b
Fam234b
Atf7ip
Wbp11
Arhgdib
Strap
Aebp2
Recql
Golt1b
Etnk1
Sox5
Bcat1
Lrmp
Kras
Bhlhe41
Fgfr1op2
Klhl42
Ipo8
Myadm
Cnot3
Mboat7
Tsen34
Rps9
Leng8
Eps8l1
Ppp6r1
Hspbp1
Fiz1
Zfp865
Zfp580
U2af2
Epn1
Zfp583
Clcn4
Zfp329
Zscan22
Rps5
Rnf225
Trim28
Selenow
Ehd2
Bbc3
Sae1
Slc1a5

For Peer Review

Fkrp
Strn4
Calm3
Hif3a
Opa3
Vasp
Bloc1s3
Zfp296
Tomm40
Bcl3
Pvr
Irgq
Cd79a
Arhgef1
Rabac1
Pou2f2
Gsk3a
Cic
Pafah1b3
Lipe
Ceacam1
Ccdc97
Hnrnpul1
2310022A10Rik
Akt2
Zfp60
Psmc4
Timm50
Zfp36
Paf1
Samd4b
Sirt2
Hnrnpl
Actn4
Psmd8
Kcnk6
Zfp84
Capns1
Nfkbid
Kmt2b
Cox6b1
Rbm42
Tmem147
Cd22
Uba2
Lsm14a

For Peer Review

Cebpg
Dpy19l3
Uri1
1600014C10Rik
Emc10
Spib
Nr1h2
Napsa
Nup62
Prmt1
Rras
Cd37
Ruvbl2
Gys1
Nucb1
Bcat2
Rpl18
Kdelr1
Nomo1
Ldha
Tsg101
Spty2d1
E2f8
Prmt3
Cyfip1
Nipa2
Ube3a
Klf13
Selenos
Chsy1
Mef2a
Fam169b
Mrps11
Abhd2
Ap3s2
Zfp710
Sema4b
Prc1
Furin
Crtc3
Iqgap1
Zfp592
Btbd1
Stard5
Zfand6
Ctsc

For Peer Review

Tmem135
Hikeshi
Picalm
Crebzf
Rab30
Prcp
Alg8
Ndufc2
Kctd14
Clns1a
Rps3
Arrb1
Spcs2
Pold3
Pgm2l1
Ppme1
Ucp2
Rab6a
Fchsd2
Atg16l2
Arap1
Pde2a
Lamtor1
Numa1
Rhog
Stim1
Rrm1
Trim21
Hbb-bh2
Trim34a
Trim5
Trim12c
Trim30a
Trim30d
Fam160a2
Arfip2
Timm10b
Rrp8
Tpp1
Mrpl17
Eif3f
Tmem9b
Dennd5a
Tmem41b
Ipo7
Zfp143

For Peer Review

Wee1
Swap70
Usp47
Far1
Rras2
Copb1
Pde3b
1110004F10Rik
Xylt1
Rps15a
Arl6ip1
Vps35l
Thumpd1
Dcun1d3
Uqcrc2
Eef2k
Cdr2
Gga2
Ubfd1
Dctn5
Plk1
Prkcb
Rbbp6
Tnrc6a
Nsmce1
Gtf3c1
Xpo6
Sbk1
Nfatc2ip
Cd19
Atxn2l
Coro1a
Mapk3
Ypel3
Ppp4c
Aldoa
Ino80e
Taok2
Kctd13
Cdipt
Maz
Cd2bp2
Tbc1d10b
Sept1
Itgal
Prr14

For Peer Review

Srcap
Tmem265
Rnf40
Bcl7c
Orai3
Fus
Pycard
Tial1
Inpp5f
Mcmbp
Wdr11
Ate1
Bub3
Fam53b
Glrx3
Bnip3
Ric8a
Rnh1
Eps8l2
Taldo1
Gatd1
Slc25a22
Tollip
Mob2
Lsp1
Cd81
Nap1l4
Tnfrsf22
Ppfia1
Insr
A430078G23Rik
Arhgef18
Xab2
Fcer2a
Map2k7
Elavl1
Cers4
Arglu1
Ankrd10
Arhgef7
Pcid2
Cul4a
Lamp1
Tfdp1
Grk1
Rasa3

For Peer Review

Champ1
Fbxo25
Kbtbd11
Alg11
Vps36
Slc25a15
Slc20a2
Ikbkb
Kat6a
Golga7
Adam9
Plekha2
Tacc1
Nsd3
Bag4
Lsm1
Pomk
Hook3
Zfp703
Erlin2
Plpbp
Eif4ebp1
Rnf122
Gsr
Leprotl1
Tnks
Eri1
Cnot7
Vps37a
Pcm1
Asah1
Frg1
Irf2
Ing2
Spcs3
Fbxo8
Hmgb2
Clcn3
Sh3rf1
Msmo1
Psd3
Atp6v1b2
Lpar2
Gatad2a
Mau2
Sugp2

For Peer Review

Upf1
Fkbp8
Pgpep1
Lsm4
Mrpl34
Dda1
Mvb12a
Pgls
Colgalt1
Jak3
Zfp709
Tpm4
Rab8a
Fam32a
Ap1m1
Klf2
Eps15l1
Slc35e1
Med26
Smim7
Mcm5
Slc10a7
Lsm6
Otud4
Abce1
Smarca5
Dnajb1
Gipc1
Pkn1
Ddx39
Adgrl1
Asf1b
Prkaca
Rfx1
Nacc1
Calr
Farsa
Rnaseh2a
Asna1
Trir
Tnpo2
Wdr83os
Vps35
Orc6
Dnaja2
N4bp1

For Peer Review

Tent4b
Adcy7
Cyld
Chd9
Fto
Amfr
Slc12a3
Herpud1
Rspry1
Arl2bp
Ciapin1
Zfp319
Usb1
Cfap20
Csnk2a2
Cnot1
Slc38a7
Tk2
Cklf
Cmtm4
Pdp2
Rrad
Cbfb
4931428F04Rik
Atp6v0d1
Ctcf
Pskh1
Nfatc3
Chtf8
Utp4
Nip7
Terf2
Cyb5b
Nfat5
Psmd7
Ist1
Atxn1l
Ap1g1
Phlpp2
Sf3b3
St3gal2
Ddx19a
Pdpr
Glg1
Rfwd3
Cfdp1

For Peer Review

Tmem170
Gabarapl2
Adat1
Terf2ip
Mon1b
Gan
Plcg2
Hsdl1
Cotl1
Klhl36
Usp10
Zdhhc7
Gse1
Irf8
Slc7a5
Zc3h18
Cyba
Cdt1
Cbfa2t3
Ankrd11
Chmp1a
Fanca
Tcf25
2310022B05Rik
2810004N23Rik
Egln1
Ntpcr
Irf2bp2
Tomm20
Rbm34
Itgb1
Dcun1d5
Tmem123
Ccdc82
Fam76b
Sesn3
Cwc15
Smco4
Chordc1
Zfp317
Zfp560
Zfp26
Zfp266
Ubl5
Pin1
Dnmt1

For Peer Review

Raver1
Cdc37
Pde4a
Slc44a2
Carm1
Ldlr
Elof1
Anln
Herpud2
Ncapd3
Aplp2
Fli1
Ets1
Tirap
Foxred1
Stt3a
Ei24
Slc37a2
Ccdc15
Msantd2
Vwa5a
Gramd1b
Sorl1
Sc5d
Tbcel
Arhgef12
Cbl
Hinfp
Dpagt1
Hyou1
Trappc4
Ccdc84
Bcl9l
Cxcr5
Ddx6
Arcn1
Ube4a
Cep164
Pcsk7
Sidt2
Pafah1b2
Sik3
Nxpe2
Rexo2
Zw10
Dlat

For Peer Review

Alg9
Ppp2r1b
Pou2af1
Rdx
Npat
Acat1
Idh3a
Wdr61
Ireb2
Nrg4
Rcn2
Pstpip1
Peak1
Hmg20a
Snx33
Sin3a
Commd4
1700017B05Rik
Cox5a
Scamp2
Ulk3
Csk
Sema7a
Pml
Nptn
Arih1
Pkm
Tle3
Rplp1
Kif23
Anp32a
Fem1b
Cln6
Pias1
Smad3
Rpl4
Map2k1
Dis3l
Rab11a
Hacd3
Dpp8
Clpx
Spg21
Plekho2
Pclaf
Csnk1g1

For Peer Review

Ppib
Snx1
Ciao2a
Rab8b
Rps27l
Tpm1
Gtf2a2
Myo1e
Ccnb2
Rnf111
Sltm
Mindy2
Adam10
Polr2m
Tcf12
Zfp280d
Mns1
Rfx7
Nedd4
Rsl24d1
Arpp19
Mapk6
Tmod3
Gclc
Eef1a1
Cox7a2
Tmem30a
Senp6
Phip
Hmgn3
Syncrip
Ctsh
U2surp
Xrn1
Rasa2
Zbtb38
Slc25a36
Copb2
Armc8
Nck1
Stag1
Msl2
Srprb
Topbp1
Cdv3
Dnajc13

For Peer Review

Atp2c1
Wdr82
Twf2
Tlr9
Poc1a
Dusp7
Rrp9
Rad54l2
Dcaf1
Manf
Gnai2
Rbm5
Rbm6
Ip6k1
Dag1
Rhoa
Gpx1
Usp19
Qrich1
Arih2
Prkar2a
Shisa5
Tma7
Cdc25a
Map4
Smarcc1
Epm2aip1
Pdcd6ip
Clasp2
Ubp1
Cmtm6
Gpd1l
Stt3b
Tgfbr2
Golga4
Oxsr1
Myd88
Wdr48
Csrnp1
Eif1b
Ctnnb1
Trak1
Nktr
Ackr2
Zfp445
Kif15

For Peer Review

Zdhhc3
Exosc7
Lars2
Limd1
Sacm1l
Clcn5
Gpkow
Otud5
Pim2
Pqbp1
Timm17b
Suv39h1
Was
Wdr13
Rbm3
Cybb
Mid1ip1
Bcor
1810030O07Rik
Med14
Ddx3x
Fundc1
Kdm6a
Slc9a7
Rp2
Jade3
Uba1
Cdk16
Usp11
Araf
Elk1
Dock11
C330007P06Rik
Ube2a
Nkrf
Sept6
Rpl39
Nkap
Zbtb33
Lamp2
Thoc2
Xiap
Sash3
Zdhhc9
Elf4
Zfp280c

For Peer Review

Rbmx2
Enox2
Rap2c
Mbnl3
Phf6
Hprt
Fam122b
Ints6l
Mmgt1
Slc9a6
Arhgef6
Fmr1
Ids
Mtmr1
Cetn2
Nsdhl
Zfp275
Bcap31
Ssr4
Pdzd4
Hcfc1
Irak1
Mecp2
Flna
Emd
Atp6ap1
Gdi1
Fam3a
G6pdx
Ikbkg
Dkc1
Mpp1
Fundc2
Brcc3
Vbp1
Tbl1x
Prkx
Gk
5430427O19Rik
Pola1
Pdk3
Zfx
Klhl15
Amer1
Zc4h2
Msn

For Peer Review

Yipf6
Kif4
Slc7a3
Snx12
Il2rg
Zmym3
Nono
Taf1
Ogt
Ercc6l
Rlim
Abcb7
Uprt
Pbdc1
Atrx
Magt1
Pgk1
Taf9b
P2ry10b
Sh3bgrl
Gm6377
Dach2
Cstf2
Btk
Hnrnph2
Zmat1
Tceal9
Morf4l2
Slc25a53
Prps1
Tsc22d3
Acsl4
Tmem164
Ammecr1
Alg13
Apex2
Gnl3l
Huwe1
Smc1a
Kdm5c
Kantr
Rps6ka3
Eif1ax
Bclaf3
Sh3kbp1
Rbbp7

For Peer Review

Txlng
Syap1
Ctps2
Ap1s2
Zrsr2
Piga
Mospd2
Tmsb4x
Tlr7
Prps2
Msl3
Hccs

For Peer Review