SUPPLEMENTAL METHODS

Cell lines and culture: NCI-H82, NCI-524, NCI-H69, and NCI-1688 were obtained from ATCC. NJH29 cells were described before (1) and were derived from a de-identified patient through the National Disease Research Interchange resource (ndriresource.org) and propagated in our laboratory. Other PDX models were derived and propagated as previously described (IRB #13-058/#06-107 at the Memorial Sloan Kettering Cancer Center (2), and CHEMORES ethics REC reference 07/H1014/96 at the University of Manchester (3)). Rb/p53 mutant mouse SCLC KP1 cells were previously described (1, 4) and propagated in our laboratory. All cells were cultured in RPMI-1640 supplemented with 10% fetal bovine serum (Hyclone), 1x GlutaMax (Invitrogen), and 100 U/mL penicillin and 100 µg/mL streptomycin (Invitrogen). Cell lines were grown in suspension (NCI-H82, NCI-524, NCI-H69, KP1) and dissociated by gentle pipetting or brief incubation with 1x TrypLE (Invitrogen). NCI-1688 cells were grown in adherent monolayers and removed by brief incubation with 1x TrypLE. Cell lines were cultured in humidified incubators at 37°C with 5% carbon dioxide. Cells were assessed for CD47 cell surface expression using anti-human CD47 clones B6H12 (eBioscience) or CC2C6 (BioLegend), or anti-mouse CD47 clone miap 301 (eBioscience). The cell lines used in the functional assays were not pre-selected on any criteria (including expression levels of CD47).

Mice: Nod.Cg-Prkdc^{scid} IL2rg^{tm1Wjl}/SzJ (NSG) mice (Jackson Laboratories) were used for all in vivo xenograft experiments. B6.129S F1 mice (Jackson Laboratories) were used in the immunocompetent model with KP1 cells. Mice were engrafted with tumors at approximately 6-12 weeks of age, and experiments were performed with age and sex-matched cohorts. *Rb/p53/p130*

mutant mice developing SCLC have been described before and shown to model human SCLC accurately (5, 6); they were bred in our laboratory. The initiation of tumors in this genetically engineered mouse model is triggered by intra-tracheal injection of adenoviral particles expressing the Cre recombinase (Ad-Cre), as described (1). In this model and at the dose of adenovirus used, mice develop 50-100 advanced tumors ~6 months after cancer initiation (1, 4, 6). Crossing these mice to a luciferase reporter allele ($Rosa26^{LSL-Luc}$) (Jackson Laboratories) enables the measurement of tumor burden *in situ* (1).

Therapeutic reagents: Anti-CD47 antibody Hu5F9-G4, containing a human IgG4 Fc, was produced as previously described (7). Additional reagents used in vitro include the high-affinity SIRP α variant CV1 monomer, which was produced as previously described and used at a concentration of 1 µM for blocking (8). Antibodies to identified SCLC antigens were used in phagocytosis assays at a concentration of 10 µg/mL, including anti-CD56 (NCAM) clone HCD56 (BioLegend), anti-CD56 (NCAM) clone MEM-188 (BioLegend), anti-CD24 clone ML5 (BioLegend), anti-CD29 clone TS2/16 (BioLegend), anti-CD99 clone 12E7 (Abcam). Additionally, lorvotuzumab was made recombinantly using the heavy and light chain variable region sequences available in the KEGG database (Drug: D09927). Lorvotuzumab variable regions were cloned into pFUSE-CHIg-hG1 and pFUSE2-CLIg-hK (Invivogen) for expression. Lorvotuzumab was produced recombinantly by transient transfection of Freestyle 293-F cells (Invitrogen) using 293fectin (Invitrogen), followed by purification over a HiTrap Protein A column (GE Healthcare). Purified antibody was eluted with 100 mM citrate buffer (pH 3.0) and neutralized with 1/10th volume of Tris buffer (pH 8.0). Antibody was desalted using a PD-10 column (GE Healthcare). Anti-mouse CD47 antibody clone miap 470 was provided by Eric Brown and Hiroshi Morisaki (Genentech).

SCLC tissue microarray and assessment of macrophage infiltration: Unstained SCLC tissue microarray slides containing 79 SCLC specimens with associated staging was obtained from US BioMax (#LC818). Array slides were boiled in citrate solution (pH 6) for 12 min and were stained for CD163 (NCL-CD163, Novocastra) and CD68 (KP-1, Ventana), using a Ventana automated stainer. One field per specimen was randomly imaged for each slide. Macrophage infiltration was scored as 1 (absent or low infiltration), 2 (moderate infiltration), or 3 (intense infiltration) based on CD163 staining. Macrophage infiltration scores and tumor stage were analyzed by Spearman correlation using Prism 6 (GraphPad).

Macrophage differentiation and phagocytosis assays: Human macrophages were differentiated as previously described (8). Briefly, leukocyte reduction system chambers were obtained from anonymous blood donors at the Stanford Blood Center. Monocytes were purified on an AutoMACS (Miltenyi) using CD14⁺ microbeads or CD14⁺ whole blood microbeads (Miltenyi) according to the manufacturer's instructions. Purified CD14⁺ monocytes were plated on 15 cm tissue culture dishes at a density of 10 million monocytes per plate. Monocytes were differentiated to macrophages by culture in IMDM supplemented with 10% Human AB serum (Invitrogen), 1x GlutaMax (Invitrogen), and 100 U/mL penicillin and 100 µg/mL streptomycin for approximately 7-10 days. Mouse macrophages were differentiated from bone marrow of NSG or C57BL/Ka *Rosa26^{mRFP1}* transgenic mice (9). Unfractionated bone marrow cells were cultured in IMDM+GlutaMax supplemented with 10% fetal bovine serum, 100 U/mL penicillin and 100 µg/mL streptomycin, and 10 ng/mL murine M-CSF (Peprotech).

In vitro phagocytosis assays were performed as previously described (8). Briefly, SCLC cancer cells were removed from plates and washed with serum-free IMDM. SCLC cell lines labeled with calcein AM (Invitrogen) or GFP-luciferase⁺ NJH29 were used as target cells. Macrophages were washed twice with HBSS, then incubated with 1x TrypLE for approximately 20 minutes in humidified incubators at 37°C. Macrophages were removed from plates using cell lifters (Corning), then washed twice with serum-free IMDM. Phagocytosis reactions were carried out using 50,000 macrophages and 100,000 tumor cells. Cells were co-cultured for two hours at 37°C in the presence of antibody therapies (see above). After co-culture, cells were washed with autoMACS Running Buffer (Miltenvi) and prepared for analysis by flow cytometry. Human macrophages were identified by staining with fluorophore-conjugated antibodies to CD45 (clone HI30, BioLegend) in the presence of 100ug/mL mouse IgG (Lampire). RFP⁺ transgenic mouse macrophages were detected based on fluorescence. Aggregates were excluded by forward and side-scatter, and dead cells were excluded by staining with DAPI (Sigma). Samples were analyzed by flow cytometry using a LSRFortessa (BD Biosciences) equipped with a high-throughput sampler. Phagocytosis was evaluated as the percentage of calcein-AM⁺ macrophages using FlowJo v9.4.10 (Tree Star) and was normalized to the maximal response by each independent donor where indicated. Statistical significance was determined and data were fit to sigmoidal dose-response curves using Prism 5 (GraphPad).

To sort macrophages after phagocytosis assays, 2.5 million human macrophages were combined with 5 million GFP⁺ NCI-H82 cells and 10 μ g/mL anti-CD47 antibody (Hu5F9-G4) in serum-free medium and incubated for two hours. Macrophages were identified by staining with anti-CD45 (clone HI30, BioLegend), and macrophages populations were sorted on a FACSAria II cell sorter (BD Biosciences). Cells from sorted populations were centrifuged onto microscope slides then

stained with Modified Wright-Giemsa stain (Sigma-Aldrich) according to the manufacturer's instructions and imaged on a DM5500 B upright light microscope (Leica).

Protein expression and purification for crystallization: The human CD47-ECD (residues 1-117), with a C15G mutation (10), was cloned into a pAcGP67a vector (BD Biosciences) in-frame with an N-terminal gp67 signal sequence and a C-terminal hexahistidine tag. Baculovirus stocks were prepared by transfection and amplification in Sf9 cells in SF900II media (Invitrogen) and protein was produced by secreted expression from High Five cells (Invitrogen) in insect-Xpress media (Lonza) with the addition of 5 µM kifunensine at the time of infection. CD47-ECD was then purified by Ni-NTA affinity column. To generate glycan-minimized CD47-ECD for crystallography, CD47-ECD was treated with endoH (endoglycosidase-H) at room temperature overnight followed by size exclusion chromatography purification with a Superdex-75 column (GE Healthcare). The Hu5F9-G4 diabody DNA sequence was synthesized from the Hu5F9-G4 sequence provided in patent application US20150183874 A1. The V_H domain at the N-terminus was linked to the V_L domain by a GGSGG five-residue linker and was cloned into pAcGP67a for expression. Hu5F9-G4 diabody was expressed in High Five cells as described for the CD47-ECD domain. CD47-ECD and Hu5F9-G4 diabody were mixed at 1.2:1 ratio and incubated with carboxypeptidases A and B at 4°C for 12 hours to remove the C-terminal His-tags. The complex was purified by size exclusion chromatography with a Superdex-200 column (GE Healthcare). Peak fractions corresponding to complex were identified by SDS-PAGE, pooled, and concentrated to 20 mg/mL for crystallization.

Crystallization and structure determination: The CD47-ECD/Hu5F9-G4 diabody complex was crystallized by combining 100 nL drops of protein solution with an equal volume of precipitant solution (17% PEG 4000 and 0.1 M sodium cacodylate, pH 6.0). Drops were equilibrated by vapor

diffusion over a well of precipitant solution. Crystals were flash frozen in liquid nitrogen with cryoprotectant containing precipitant buffer plus 33% glycerol.

Crystallographic data were collected at the Stanford Synchrotron Radiation Lightsource beamline 7-1. Data were integrated and scaled using xds (11). The complex structure was solved by molecular replacement with Phaser (12) using models from PDB IDs 4KJY, 3HC4, and 4LKX. The structure was modeled by iterative cycles of manual building and refinement using Phenix (13) and COOT (14). The protein interfaces were analyzed using COOT and PISA (15). Crystallographic software was installed and configured by SBGrid (16). Crystallographic data and refinement statistics are presented in Supplementary Table 1. Atomic coordinates of the Hu5F9-G4/CD47-ECD structure have been deposited in the Protein Data Bank, www.rcsb.org, with PDB ID 5IWL.

Generation of CD47 knockout SCLC cell lines: Lentivirus was generated using psPax2 and pMD2.G plasmids (Addgene) and transfer plasmids encoding Cas9 or sgRNAs targeting CD47. For Cas9 expression, the Cas9 sequence from pcW-Cas9 (Addgene) was inserted into the multiple cloning site of pCDH-EF1-MCS (System Bio). sgRNAs targeting CD47 were cloned into pLX304 (Addgene) according the Addgene cloning protocol to (https://www.addgene.org/static/data/05/91/193be1f6-7a2d-11e3-be07-000c298a5150.pdf). For targeting human CD47. following sgCD47 5'the sequence used: was GCTACTGAAGTATACGTAAAG-3'. For targeting mouse CD47, the following sgCD47 sgCD47-1 5'-CCTTGCATCGTCCGTAATG-3', sgCD47-2 5'sequences were used: GATAAGCGCGATGCCATGG-3'. For virus production, 5×10⁶ HEK293T cells were seeded into 10 cm dishes and transfected with the vector of interest using PEI (Polysciences 23966-2). Medium was changed 24 h later. Supernatants were collected at 36 and 48 h, passed through a 40 µm filter and applied at full concentration to 50% confluent target cells. Human NCI-H82 were infected by lentivirus containing Cas9 alone or Cas9 and sgCD47. Mouse KP1 cells were infected with lentivirus containing Cas9 and both sgCD47-1 and sgCD47-2. To establish CD47 knock out cell lines, cells were FACS sorted based on loss of CD47 staining with anti-human CD47 antibody B6H12 (eBioscience) or anti-mouse CD47 antibody clone miap 301 (eBioscience) for two rounds to get pure populations of CD47 knockout cells.

In vivo SCLC models: 1.25×10^6 NCI-H82 were subcutaneously engrafted into the flanks of NSG mice. Tumors were allowed to grow for 8-12 days, then mice were randomized into treatment groups with PBS or 250 µg anti-CD47 antibody (Hu5F9-G4). For treatment of NCI-H82 Cas9 control versus NCI-H82 CD47 knockout cells, mice were engrafted with tumors deriving from each cell line on opposite flanks. Treatment in this model was initiated 12 days after engraftment and continued for a total of 10 days. For a patient-derived xenograft model of SCLC, 3.0×10⁶ GFPluciferase⁺ NJH29 cells were subcutaneously engrafted with 50% Matrigel (BD Biosciences) into the flanks of NSG mice. Tumors were allowed to grow for 15 days, then mice were randomized into treatment with PBS or 250 µg anti-CD47 antibody (Hu5F9-G4). For an orthotopic xenograft model, NSG mice were engrafted with 0.8 million GFP-luciferase⁺ NCI-H82 cells in 40 µL medium with 25% Matrigel into the left thoracic cavity. Tumors were allowed to grow for four days, then mice were randomized into treatment with into treatment groups with PBS or 250 µg anti-CD47 antibody (Hu5F9-G4). GFP fluorescence from tumor nodules was visualized on an M205 FA fluorescent dissecting microscope (Leica) fitted with a DFC 500 camera (Leica). Rb/p53/p130 mutant mice (described above) were treated three times per week with 700 µg anti-mouse CD47 antibody (miap 470). For a model of mouse SCLC, 4.0×10^6 KP1 or KP1 CD47 knockout cells were engrafted subcutaneously into the flanks of B6.129S or NSG mice. For all treatment models, therapeutic agents were administered by intraperitoneal injection. For all models, tumor growth was monitored by tumor dimension measurements that were used to calculate tumor volumes according to the ellipsoid formula ($\pi/6\times$ length×width²). For GFP-luciferase⁺ tumors, bioluminescence imaging was used to measure tumor burden (described below). Statistical significance of tumor growth was determined by Mann-Whitney test or as indicated otherwise. Survival was analyzed by Mantel-Cox test. Pilot in vivo experiments with NCI-H82 cells and NJH29 cells were performed with smaller cohorts of mice with similar results.

Cytokine profiling: Mouse cytokine secretion was assessed in vitro by co-culturing 100,000 NSG macrophages and 200,000 NCI-H82 cells in serum-free IMDM in the presence or absence of anti-CD47 antibody Hu5F9-G4. Cells were co-cultured for 4 hours, then supernatants were collected and stored at -80 °C. Mouse cytokines were analyzed by the Stanford University Human Immune Monitoring Center using a Luminex 38-plex mouse cytokine array. For in vivo cytokine analysis, blood samples were collected from mice bearing 1.0-2.0 cm NCI-H82 or NJH29 tumors immediately prior to injection or 24 hours post injection of 500 µg anti-CD47 antibody Hu5F9-G4. Samples were diluted 1:3 then analyzed for mouse cytokines by the Stanford University Human Immune Monitoring Center using a Luminex 38-plex mouse cytokines array.

Immunostaining: Harvested tumors were fixed in 10% neutral buffered formalin for 24 hours, then embedded in paraffin blocks an sectioned at 5 μ m. Histopathology was conducted using Hematoxylin/Eosin staining and immunohistochemistry using a primary antibody against human CD47 (R&D AF4670, 4 μ g/mL) and a biotinylated sheep secondary antibody. Antigen retrieval was performed in pH 6 buffer (Dako S1699) heated to pressure for 5 min at 110°C. Vector elite ABC (Vector PK 6101) and Liquid DAB+ (Dako K 3468) was used as detection system. NCI-H82 cells

were used as positive control and tumor sections stained only with biotinylated anti-sheep secondary antibody as negative controls.

Bioluminescence imaging: Mice bearing luciferase⁺ tumors were imaged as previously described (8). Briefly, anesthetized mice were injected with 200 μ L D-luciferin (firefly) potassium salt (Biosynth) reconstituted at 16.67 mg/mL in sterile PBS. Bioluminescence imaging was performed using an IVIS Spectrum (Caliper Life Sciences) over 20 minutes to record maximal radiance. In the orthotopic model, mice were imaged for a maximum of 14 minutes due to concerns for respiratory compromise. Peak total flux values were assessed from the anatomical region of interest using Living Image 4.0 (Caliper Life Sciences) and were used for analysis.

Comprehensive FACS-based antibody screening: Antigens on the surface of SCLC samples were analyzed using LEGENDScreen Human Cell Screening Kits (BioLegend), according to the manufacturer's protocol with the following modifications. Briefly, lyophilized antibodies were reconstituted in molecular biology grade water and added to cell samples at a 1:8 dilution. Approximately 20-40×10⁶ total cells were used for the analysis per SCLC sample. NCI-H82 was labeled with calcein-AM and analyzed simultaneously with NCI-H524. NCI-H69 was labeled with calcein-AM and analyzed simultaneously with NCI-H1688. The primary patient sample NJH69 was analyzed independently. It was freshly dissociated from a low-passage xenograft and mouse lineage cells were excluded from the analysis by staining with Pacific Blue anti-mouse H-2k^d (clone SF1-1.1, BioLegend). Samples were incubated with antibodies for 30 minutes on ice protected from light. For all samples, aggregates were excluded by forward and side scatter, and dead cells were excluded from the analysis by staining with DAPI. Samples were analyzed by flow cytometry using

a LSRFortessa equipped with a high-throughput sampler. A similar approach was performed to stain the harvested saline- and CD47-treated NJH29 tumors with the mouse macrophage marker F4/80 (clone BM8, BioLegend).

Data were analyzed using FlowJo v9.4.10 (Tree Star) and antigens were ranked based on geometric MFI across all five samples. Data were fit to a Gaussian distribution using Prism 5 (GraphPad), which was used to assign antigens as negative, low, or high. 'Negative' antigens were defined by median MFI less than two standard deviations above the population mean, which included isotype unstained control values. 'Low' antigens were defined as MFI less than one order of magnitude above the negative threshold. 'High' antigens were defined as one order of magnitude greater than negative threshold.

Gene expression analyses: Gene expression analyses were performed with RNA-seq data from 41 human primary SCLC tumors published in (17, 18). Paired-end sequencing reads were mapped to the human reference genome 19 and the gene expression was quantified as previously described in (17). Expression values were determined with Cufflinks and represented as FPKM (fragments per kilobase of exon per million fragments mapped). The maximal gene expression was chosen for those genes with multiple splice variants.

The October 17, 2012 release of the CCLE Cell Line Gene Expression data (Cancer Cell Line Encyclopedia (19)) was downloaded from the Broad Institute Website. The data downloaded were already gene-centric (genes with multiple mapping probe had been collapsed to single gene readouts) and already RMA-normalized. To select the cell lines which had been classified as SCLC, we downloaded the full set of cell line annotations from the CCLE website, selected just the cell

lines with tissue type "lung" and histology subtype "small_cell_carcinoma," and then used R to create a subset of the full gene expression data table that only had these cell lines.

For correlative studies, protein expression data for the NCI-H82, NCI-H524, NCI-H69, and NCI-H196 cell lines were mapped to HUGO gene identifiers. They were then merged with the CCLE mRNA expression data for those same cell lines by their HUGO gene IDs. To place the two on similar scales, the protein expression data was log2 transformed. Finally, we took the median transformed expression values of each. We then constructed a linear model of median protein expression on median mRNA expression. As expected, the explanatory power was quite high, with an R^2 of .55 and a highly significant (p< 2e-16) coefficient for the mRNA expression term. We then recorded the residuals in the model (the differences between the predicted protein expression and the observed protein expression). Plots were created using the ggplot2 package in R.

SUPPLEMENTAL FIGURE AND FIGURE LEGENDS



Supplemental Figure 1. RNA expression profiles for CD47 and other immune checkpoint genes in SCLC cell lines (CCLE, microarrays) and primary tumors (RNA-seq). (A-B) Expression of four genes commonly expressed at high levels in SCLC cells (*ASCL1, SYP, MYC, SOX2*) compared to *CD47*, other markers of macrophages/monocytes (*CD68, CD163, CD14, SIRPa*). Markers of other tissues (controls: *TF*, liver; *FOXN1*, thymic and skin epithelium; *MYBPC3*, heart) are expressed at low levels in the cell lines or in the primary tumors. (C-D) Expression of the top candidates from the flow cytometry analysis (see Figure 3) as well as T-cell immune checkpoints. See the Methods for the analysis of CCLE microarrays and primary SCLC tumors, and Supplemental Figure 9 and Supplemental Table 3 for a larger scale correlative analysis of RNA and protein levels for cell surface markers.



Supplemental Figure 2. CD47 expression in human primary SCLC tumors. (A) FACS analysis of CD47 expression in PDX samples from patients not treated with chemotherapy (chemonaïve, n=3) and from patients with recurrent tumors after chemotherapy (treated, n=4). SSW, side scatter width; the CD47 antibody is coupled to an APC fluorescent antibody (the unstained sample defined the negative box, data not shown). Numbers above each gated population indicate percent of cells that were CD47 negative or CD47 positive as indicated. Overlay histogram of all PDX models (n=7) is shown to the right. Quantification shown in Figure 1B. (**B**) CD47 immunostaining analysis of xenografts (n=4) growing from circulating tumor cells from independent SCLC patients (top row, brown signal). A control with the secondary antibody only is shown (bottom left) and NCI-H82 cells served as a positive control (bottom right). Scale bars 50 µm, except 100 µm for the NCI-H82 cells.



Supplemental Figure 3. Anti-CD47 antibody Hu5F9-G4 blocks CD47 on the surface of SCLC cells. (A) Binding of Alexa Fluor 488-labeled anti-CD47 antibody Hu5F9-G4 to the surface of NCI-H82 cells alone or in the presence of saturating concentrations of the indicated competitive CD47 antagonists. Treatments included the N-terminal binding domain of wild-type SIRP α (WT SIRP α), WT SIRP α produced as fusion protein to human IgG4 (WT SIRP α -hIgG4), high-affinity SIRP α variant CV1 monomer, or CD47-blocking antibody clone B6H12 (8). (B) Binding of APC-conjugated anti-CD47 clone B6H12 to the surface of NCI-H82 cells alone or in the presence of saturating concentrations of anti-CD47 antibody Hu5F9-G4. (A-B) Dotted line depicts background fluorescence of unstained control. Data represent mean \pm SD.



Supplemental Figure 4. Genetic deletion of human CD47 disrupts therapeutic responses to anti-CD47 antibodies. NCI-H82 cells were subjected to CRISPR/Cas9 genome editing to generate a human CD47 knockout cell line. (A) CD47 expression on the surface of Cas9 control NCI-H82 cells and NCI-H82 CD47 knockout cells. (B) Phagocytosis assays performed with human macrophages (n=4 donors) and Cas9 control NCI-H82 or NCI-H82 CD47 knockout cells and varying concentrations of anti-CD47 antibody Hu5F9-G4. Plots depict the percent of maximal response for each donor (left), or percent of calcein AM⁺ macrophages per total macrophage population with dose-response curves for each individual donor depicted by dotted lines (right) Solid lines represent data from all donors fit to sigmoidal dose-response curve. Hu5F9-G4 stimulated phagocytosis of NCI-H82 cells with an EC₅₀ of 14.66 ng/mL. ns, not significant; ****P<0.0001 by two-way ANOVA with Sidak correction for multiple comparisons. (C) Proliferation assay examining growth of Cas9 control NCI-H82 cells and NCI-H82 CD47 knockout

cells in vitro alone and cultured in the presence of 10 µg/mL anti-CD47 antibody Hu5F9-G4. Cells were seeded at varying densities and then growth was assessed after three days in culture by WST-1 assay. No inhibition of growth was observed in response to CD47 knockout or anti-CD47 treatment. N=3 independent replicates per condition. (**D**) Engraftment of Cas9 control NCI-H82 cells and NCI-H82 CD47 knockout cells in NSG mice. Individual mice were engrafted with tumors deriving from each cell line on each flank. Starting on day 12 post-engraftment, mice were treated every other day with PBS or 250 µg anti-CD47 antibody (Hu5F9-G4). Tumor volumes were measured 10 days after starting treatment. Points indicate individual tumor measurements (n=10 mice/treatment), bars represent mean \pm SD. ns, not significant; **P* < 0.05; ***P* < 0.01 by one-way ANOVA with Holm-Sidak correction for multiple comparisons.



Supplemental Figure 5. Analysis of SCLC tumors upon treatment with CD47-blocking antibodies. (A-B) Representative images of tumor sections (A, saline control – B, anti-CD47) (n=3 analyzed, each). (A) Medium power photomicrograph showing prominent malignant features including high nuclear:cytoplasmic ratios, frequent mitoses, and necrosis (H&E, bar = 50 μ m). (B) Tumor with degenerative features, including nuclear pyknosis and apoptotic bodies, widespread

erythrocyte extravasation, hemosiderin aggregates and prominent necrosis. (H&E, bar = 50 μ m). (C) FACS plot showing comparison of a pair of tumors (red, saline control – blue, anti-CD47) for F4/80 expression. (D) FACS quantification of F4/80 expression in control tumors (n=3) and tumors in mice treated with CD47-blocking antibodies (n=3). Data represent mean ± SD. ***P* < 0.01 by unpaired t-test. (E-F) Representative images of tumor sections (E, saline control – F, anti-CD47). All samples examined by the pathologist (H.V.) showed some macrophage staining, along with the necrosis and the hemosiderin (bar = 50 μ m). (G) Representative FACS analysis of CD47 expression in xenograft samples treated with saline (control, n=4, 99%, 99.5%, 99.6%, and 99.7% positive cells) or anti-CD47 antibodies (n=3, 86.2%, 94.1%, and 92.9% positive cells). Percentages of CD47 positive cells are indicated above the gated population. SSW, side scatter width; the CD47 antibody is coupled to an APC fluorescent antibody (the unstained sample defined the negative box, data not shown).



Supplemental Figure 6. Analysis of anti-CD47 therapy in a genetically engineered mouse model of SCLC. (A-B) Results from two independent experiments in Rb/p53/p130 mutant mice with SCLC tumors. Young adult mice were instilled with Ad-Cre and imaged for luciferase to monitor tumor development; randomized mice were injected with PBS or an anti-mouse CD47 antibody. Luciferase activity (left) and terminal lung weights (right) are reported. The inhibition of tumor growth was not significant in each of the two independent experiments by bioluminescence imaging. *P < 0.05 by t-test. N=2-4 mice per cohort for each experiment, 6 mice per treatment total.



Supplemental Figure 7. CD47-blocking antibodies stimulate macrophage cytokine secretion in vitro. 100,000 NSG macrophages were co-cultured with 200,000 NCI-H82 cells and the indicated therapies for 4 hours. Supernatants were collected and analyzed by Luminex 38-plex mouse cytokine array. Human IgG is unfractionated control. Human IgG4 control is unrelated recombinant human IgG4 protein produced by similar methods as Hu5F9-G4. All treatments were used at a concentration of 10 µg/mL. Data represent mean \pm SD from n=3 replicates. ##, samples for which cytokine levels exceeded maximum limit of detection. *P < 0.05, **P < 0.01, **** P < 0.0001 by two-way analysis of variance with Sidak correction.



Supplemental Figure 8. Quantitative analysis of serum cytokines in mice bearing human SCLC tumors before and after treatment with anti-CD47 antibodies. Cytokine levels from mice without tumors or mice bearing subcutaneous NCI-H82 tumors (A) or NHJ29 tumors (B) were analyzed using a Luminex 38-plex mouse cytokine array. Levels were evaluated before treatment or 24 hours post-treatment with a single dose of anti-CD47 antibodies (Hu5F9-G4). Cohorts consisted of a n=5 mice per treatment. *P < 0.05; ***P < 0.001; ****P < 0.0001 for the indicated comparisons (pre- and post-treatment of tumor bearing mice) by two-way analysis of variance with Sidak correction.



Median mRNA expression (microarrays)

Supplemental Figure 9. Representation of the correlation between mRNA levels (median expression, measured by microarrays) and protein levels (median expression, measured by flow cytometry) for four human SCLC cell lines. Colors indicate residual value, as indicated, the difference between the expected protein levels based on RNA levels and the actual protein levels measured by flow cytometry. Raw data are shown in Supplemental Table 3. The grey area represents 95% confidence interval. NCAM (CD56) and CD47, for which protein expression levels are higher than anticipated, are circled.

SUPPLEMENTAL TABLES

Macromolecules

CD47-Hu5F9-G4 1.127 Wavelength 44.72 - 2.8 (2.9 - 2.8) **Resolution range** P 3₂ 2 1 Space group 103.28 103.28 131.13 90° 90° 120° Unit cell (Å) 221521 (21238) **Total reflections** 20404 (1974) **Unique reflections** 10.9 (10.8) Multiplicity 100 (100) **Completeness (%)** 9.09 (0.82) Mean I/sigma(I) 59.90 **Wilson B-factor** 0.3066 (2.912) **R-merge** 0.3218 (3.059) **R-meas** 0.993 (0.276) **CC1/2** 0.998 (0.658) CC* 20382 (1974) **Reflections used in refinement** 1299 (129) **Reflections used for R-free** 0.2211 (0.3478) **R-work** 0.2668 (0.3387) **R-free** 5364 Number of non-hydrogen atoms 5253

Supplemental Table 1. Data collection and refinement statistics.

Ligands	104
Solvent	7
Protein residues	700
RMS(bonds)	0.003
RMS(angles)	0.64
Ramachandran favored (%)	96
Ramachandran allowed (%)	3.8
Ramachandran outliers (%)	0.15
Rotamer outliers (%)	0.89
Clashscore	3.37
Average B-factor	64.66
Macromolecules	64.50
Ligands	74.97
Solvent	35.07
Number of TLS groups	20

Statistics for the highest-resolution shell are shown in parentheses.

Supplemental Table 2: Fluorescence intensity measurements from a BioLegend LEGENDScreen array with four human SCLC cell lines and one PDX (NHJ29) (see Figure 6)

Supplemental Table 3: Correlative analysis of protein levels (flow cytometry) and mRNA levels (microarrays - CCLE) in four human SCLC cell lines (see Supplemental Figure 9)

Supplemental Table 2: Fluorescence intensity measurements from	n a BioLegend LEGENDScreen array with fo	ur human SCLC cell lines and one PDX (NHJ29) (see Figure 6)
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Location	Plate	NCI-H82	NCI-H524	NCI-H69	NCI-H196	NJH29	Mean	Median
A1	Blank	46.5	30.9	64.6	170	55.6	73.52	55.6
A2	CD1a	60.2	41.4	86.2	301	66.1	110.98	66.1
A3	CD1b	63.2	42.8	105	478	77.3	153.26	77.3
A.4	CD10	50.2	25.2	70.0	200	F6 0	82.68	F6.0
A4	CDIC	50.5	55.5	70.9	200	50.9	82.08	56.9
A5	<u>CD1d</u>	56.6	42.4	87.2	360	57.8	120.8	57.8
A6	CD2	48.6	34.5	68.8	186	53.4	78.26	53.4
A7	CD3	55.7	40.9	74.9	230	55	91.3	55.7
48	CD4	85.2	70.7	95.9	521	65.1	167 58	85.2
A0	<u>CD4</u>	53.2	20.7	80.2	248	57.7	107.50	53.2
A9	<u>CDS</u>	53.3	38.5	80.2	248	57.7	95.54	57.7
A10	CD6	53.7	40.7	80.7	262	58.7	99.16	58.7
A11	<u>CD7</u>	62.5	35.6	74.9	238	55.4	93.28	62.5
A12	CD8a	46.4	32.7	66.8	183	57.9	77.36	57.9
B1	CD9	10436	477	1796	2 34E+05	16032	52548.2	10436
02	<u>6000</u>	68	110	110	44776	10052	0103.3	118
B2	<u>CD10</u>	00	110	118	44776	444	9105.2	110
B3	<u>CD11a</u>	52.7	37.4	85	305	57.3	107.48	57.3
B4	<u>CD11b</u>	59.4	44.4	103	435	65.4	141.44	65.4
B5	CD11b	51.6	40.4	110	542	91	167	91
B6	CD11c	62.8	51	125	706	70	202.96	70
P7	CD12	66.4	56.2	00.2	426	107	169	00.2
57	<u></u>	50.4	50.5	55.5	420	157	109	55.5
88	<u>CD14</u>	58.1	51	105	396	61.9	134.4	61.9
B9	<u>CD15</u>	263	139	62681	1496	8822	14680.2	1496
B10	CD16	51	37	94.9	353	56.9	118.56	56.9
B11	CD18	555	40.9	108	476	60.2	148 12	60.2
011	CD10	5515	25.9	100	353	EE E	04.8	50.2
BIZ	<u>CD19</u>	51	35.8	77.6	253	56.6	94.8	50.0
C1	<u>CD20</u>	48.3	33.5	70.3	188	53.3	78.68	53.3
C2	<u>CD21</u>	50.7	64.1	76.7	264	57.8	102.66	64.1
C3	<u>CD22</u>	54.3	38.3	89.6	309	59.9	110.22	59.9
C4	0023	50.2	35.8	79.4	256	57	95.68	57
	CD23	0.2	17000	1 105-05	4240	1 245-05	53.00 E4901 4	17000
0	024	0//1	1/300	1.135+02	4248	1.24E+U5	54601.4	1/388
C6	<u>CD25</u>	54.4	39.2	81.1	265	59	99.74	59
C7	<u>CD26</u>	103	209	88.4	512	57.5	193.98	103
C8	CD27	51.7	37.1	80.9	260	55.8	97.1	55.8
C9	CD28	49.9	34.9	85.2	341	53.6	112.92	53.6
C10	0020	12004	21571	12204	2 455-05	10055	62400.9	10055
C10	029	15984	215/1	12394	2.45E+U5	73022	02400.8	13022
C11	<u>CD30</u>	72.7	44.2	125	482	58.5	156.48	72.7
C12	<u>CD31</u>	53.4	42.5	80.2	255	59.4	98.1	59.4
D1	CD32	71.5	48.3	210	230	72.4	126.44	72.4
D2	CD33	63	46.1	108	480	61.8	151 78	63
02	6000	66 5	50.6	76.1	226	60 F	05.04	66.5
D3	<u>CD34</u>	00.5	50.6	76.1	226	60.5	95.94	66.5
D4	<u>CD35</u>	52.1	37.5	89.4	362	53.1	118.82	53.1
D5	CD36	48.1	32.3	177	1.21E+05	273	24306.08	177
D6	CD38	55.5	43.2	86.6	462	103	150.06	86.6
D7	CD39	55.2	40.7	85.1	275	55.9	102 38	55.9
D9	CD40	59.2	64	65.9	196	102	95.24	65.9
08	0040	58.4	04	05.8	100	102	55.24	05.8
D9	<u>CD41</u>	47.8	33.3	69.9	202	53.7	81.34	53.7
D10	CD42b	64	56	77	219	55.7	94.34	64
D11	CD43	84.8	58.1	138	487	73.3	168.24	84.8
D12	CD44	833	66.1	13092	2 09E+05	3784	45355.02	3784
E1	CD45	50.1	24.1	00.9	104	52 4	96.29	52.4
E1	<u>CD45</u>	30.1	54.1	99.8	194	55.4	80.28	55.4
E2	CD45RA	49.4	34.6	74.1	189	54.2	80.26	54.2
E3	CD45RB	49.3	34	74.1	218	56.9	86.46	56.9
E4	CD45RO	51.1	37.6	73.5	216	52.7	86.18	52.7
F5	CD46	13898	8943	7753	1.87F+05	10133	45545.4	10133
E6	CD47	40712	27116	1 245+05	1 465+05	1 125+05	02065.9	112000
E0	<u>CD47</u>	45/15	37110	1.240405	1.402403	1.132+05	33503.8	113000
E/	<u>CD48</u>	70.1	53.3	121	539	96.2	175.92	96.2
E8	CD49a	88.3	725	1686	1.57E+05	804	32060.66	804
E9	CD49c	53.2	69	5619	90414	4654	20161.84	4654
E10	CD49d	3175	1285	291	5978	289	2203.6	1285
F11	CD49e	928	99.6	181	1.02E+05	67.2	20655 16	181
E12	CD40f	6120	1150	2601	2.022.003	607.2	1020 F	2604
L12	00491	0120	1100	3004	2010	0.000	4039.0	5004
F1	<u>CD50</u>	55.1	40.2	/3.8	204	55.9	85.8	55.9
F2	<u>CD51</u>	635	180	1277	73797	355	15248.8	635
F3	CD51,CD61	61.7	85.5	780	28049	101	5815.44	101
F4	CD52	64.3	42.2	85.4	262	68.6	104.5	68.6
F5	CD53	64.6	47.3	104	511	87.7	162.92	87.7
F6	CD54	275	212	172	1042	170	006	275
E7	0004	10645	512	1/2	2092	1/2	0522.4	EAFC
r/	055	10045	5450	485	506/8	203	9533.4	5450
F8	<u>CD56</u>	39200	59114	1.42E+05	13145	75614	65814.6	59114
F9	<u>CD57</u>	503	1521	971	339	9372	2541.2	971
F10	<u>CD58</u>	6319	5894	7552	60645	7079	17497.8	7079
F11	CD59	6224	6256	16582	2.08E+05	9424	49297.2	9424
F12	CD61	56.9	67 3	255	£100	57.8	1707 39	67.3
61	0001	50.0	07.5	200	0100	57.0	1/0/.50	07.5
61	CD62E	57.3	40.5	96.4	41/	66	135.44	66
G2	CD62L	51	35.7	73.1	216	56.8	86.52	56.8
G3	CD62P	55.2	41.3	87.3	325	62.7	114.3	62.7
G4	CD63	13720	12377	10789	30871	17236	16998.6	13720
GF	0000	61.6	1.5//	10/05	477	62.4	120.10	62 4
65	<u>UD64</u>	01.6	44.5	98.4	423	03.4	138.18	03.4
G6	CD66a/c/e	55.8	41	525	471	1154	449.36	471
G7	CD66b	50.2	35.1	74.3	195	57.3	82.38	57.3
G8	CD69	1390	1155	633	848	72.9	819.78	848
GQ	CD70	58.0	42	101	1174	61 /	287.66	61.4
03	0070	30.5	43	101	11/4	01.4	207.00	102.4
	<u>CD71</u>	19230	17458	7466	12767	7981	12980.4	12767
G10	<u>CD73</u>	83.6	65.5	266	26861	81.5	5471.52	83.6
G10 G11		72.7	59.7	104	371	68.7	135.22	72.7
G10 G11 G12	CD74	1 130	93 5	175	410	71 2	177.76	130
G10 G11 G12 H1	<u>CD74</u> CD79b	1 150		101	.13	62.0	151.00	70 2
G10 G11 G12 H1	<u>CD74</u> <u>CD79b</u>	150	45.0	101	4/1	02.9	121.98	/9.2
G10 G11 G12 H1 H2	<u>CD74</u> <u>CD79b</u> <u>CD80</u>	79.2	45.8					
G10 G11 G12 H1 H2 H3	<u>CD74</u> <u>CD79b</u> <u>CD80</u> <u>CD81</u>	79.2 22547	45.8 77508	27411	2.21E+05	1252	69943.6	27411
G10 G11 G12 H1 H2 H3 H4	CD74 CD79b CD80 CD81 CD82	79.2 22547 155	45.8 77508 258	27411 1037	2.21E+05 4830	1252 3523	69943.6 1960.6	27411 1037
G10 G11 G12 H1 H2 H3 H4 H5	<u>CD74</u> <u>CD79b</u> <u>CD80</u> <u>CD81</u> <u>CD82</u> <u>CD83</u>	79.2 22547 155 77.6	45.8 77508 258 86.5	27411 1037 119	2.21E+05 4830 620	1252 3523 91.6	69943.6 1960.6 198.94	27411 1037 91.6
G10 G11 G12 H1 H2 H3 H4 H5 H6	CD74 CD79b CD80 CD81 CD82 CD83 CD84	79.2 22547 155 77.6	45.8 77508 258 86.5 45.2	27411 1037 119	2.21E+05 4830 620 379	1252 3523 91.6 58 6	69943.6 1960.6 198.94	27411 1037 91.6
G11 G11 H1 H2 H3 H4 H5 H6 H6	CD74 CD79b CD80 CD81 CD82 CD83 CD83 CD84 CD84	79.2 22547 155 77.6 63.5	45.8 77508 258 86.5 45.3	27411 1037 119 100	2.21E+05 4830 620 378	1252 3523 91.6 58.6	69943.6 1960.6 198.94 129.08	27411 1037 91.6 63.5
610 611 612 H1 H2 H3 H4 H5 H6 H7 H7	<u>CD74</u> <u>CD79b</u> <u>CD80</u> <u>CD81</u> <u>CD82</u> <u>CD83</u> <u>CD84</u> <u>CD85</u>	79.2 22547 155 77.6 63.5 59.5	45.8 77508 258 86.5 45.3 43	27411 1037 119 100 93.9	2.21E+05 4830 620 378 389	1252 3523 91.6 58.6 58.1	69943.6 1960.6 198.94 129.08 128.7	27411 1037 91.6 63.5 59.5
G10 G11 G12 H1 H2 H3 H4 H5 H6 H7 H8	CD74 CD79b CD80 CD81 CD82 CD83 CD84 CD85 CD85d	79.2 22547 155 77.6 63.5 59.5 62.1	45.8 77508 258 86.5 45.3 43 43	27411 1037 119 100 93.9 98.8	2.21E+05 4830 620 378 389 477	1252 3523 91.6 58.6 58.1 65.9	69943.6 1960.6 198.94 129.08 128.7 149.94	27411 1037 91.6 63.5 59.5 65.9

H10	CDSEP	62	46.2	94.7	605	109	101 50	947
1110	000011	775	+0.2	04./	401	109	142.22	04.7
	0005	/2.5	52.9	1.06	431	04.0	142.22	/2.5
H12	<u>CD85k</u>	57.3	39.2	88.2	290	53.6	105.66	57.3
A1	Blank	45.3	29.4	68.4	176	46.1	73.04	46.1
A2	<u>CD86</u>	59.6	43.9	115	337	58.5	122.8	59.6
A3	<u>CD87</u>	60.6	45.6	121	534	63.6	164.96	63.6
A4	<u>CD88</u>	60.9	47.8	111	537	61.4	163.62	61.4
A5	<u>CD89</u>	57.8	43.1	94.5	324	57.9	115.46	57.9
A6	<u>CD90</u>	4072	31732	3147	21957	599	12301.4	4072
A7	CD93	60.9	49.2	95.9	345	55.3	121.26	60.9
A8	CD94	56.4	39.6	81.3	222	51.9	90.24	56.4
A9	CD95	80.3	127	172	23358	71	4761.66	127
A10	CD96	59.5	45.2	103	417	58.5	136.64	59.5
A11	CD97	62.2	250	106	28681	65.1	5832.86	106
A12	CD99	57817	18813	19429	2 48E+05	11517	71115.2	19429
B1	CD100	496	274	852	473	71.8	433 36	473
B2	Please Inquire	/9.2	33 /	74.7	212	57	85.26	57
D2	CD102	43.2	172	227	411	72 7	100 54	172
D3	<u>CD102</u>	46.1	123	50.2	411	/ 3.2	76.29	49.7
D4	<u>CD105</u>	40.1	50.4	09.2	10/	40.7	70.20	40.7
B3	<u>CD104</u>	55.6	41	97.4	323	60.9	115.62	60.9
Bb	<u>CD105</u>	61.9	45.5	106	388	60.8	132.44	61.9
B7	<u>CD106</u>	48.1	32.6	/2.8	1403	51.1	321.52	51.1
88	<u>CD107a</u>	976	287	1489	2448	513	1142.6	976
89	<u>CD108</u>	266	139	142	508	69.4	224.88	142
B10	<u>CD109</u>	112	2/1	101	8278	375	1827.4	2/1
B11	<u>CD111</u>	6000	11221	7625	478	3805	5825.8	6000
B12	<u>CD112</u>	15007	387	2468	27219	2619	9540	2619
C1	<u>CD114</u>	66.7	59.2	138	404	60.3	145.64	66.7
C2	CD115	63.7	49.5	107	353	63.9	127.42	63.9
C3	<u>CD116</u>	166	97.5	242	412	64.5	196.4	166
C4	<u>CD117</u>	85.2	245	1030	3733	206	1059.84	245
C5	<u>CD119</u>	1067	958	1123	4732	383	1652.6	1067
C6	<u>CD122</u>	48.7	33.5	72.5	195	51.6	80.26	51.6
C7	CD123	49	33.6	75.1	219	51.8	85.7	51.8
C8	<u>CD124</u>	60	47	98.2	393	57.7	131.18	60
C9	<u>CD126</u>	56.3	42.5	89.6	329	60	115.48	60
C10	<u>CD127</u>	53	37.9	87.5	1230	56.1	292.9	56.1
C11	CD129	60.7	48	117	511	66.1	160.56	66.1
C12	CD131	48.4	33.3	82.8	262	48.5	95	48.5
D1	CD132	68.1	45.4	98.3	415	62.2	137.8	68.1
D2	CD134	975	2744	135	559	62.3	895.06	559
D3	CD135	57.3	47	99.6	376	61.3	128.24	61.3
D4	CD137	52.6	36.8	95.6	307	57.6	109.92	57.6
D5	4-1BB Ligand	79.5	58.2	156	614	69.3	195.4	79.5
D6	CD138	348	695	664	2198	429	866.8	664
D7	CD140a	54.8	42.1	85.8	255	56.5	98.84	56.5
D8	CD140b	64.1	48.4	122	1191	65.5	298.2	65.5
D9	CD141	56.9	42.8	162	324	72.6	131.66	72.6
D10	CD143	369	162	334	443	382	338	369
D11	CD144	60.2	65.9	115	512	59.1	162.44	65.9
D12	CD146	7329	1309	5000	83464	4386	20297.6	5000
F1	CD148	319	195	293	3617	70	898.8	293
F2	CD150	54.8	42.8	83.2	246	55.2	96.4	55.2
F3	CD152	57	12.0	97.1	379	59.4	127.08	59.4
EJ E4	CD152	53.1	39.7	86.9	301	62.8	108.7	62.8
	CD154	17702	17024	14940	1 295+05	22.8	26101	17024
56	CD155	0704	17024	14940	20182	5285	12204.2	0204
E7	CD1592/b	55.6	12074	9204	20182	5027	104 76	5204
	<u>CD1588/II</u>	55.0	40.2	02.7	201	62.5	114.70	62.5
E0	<u>CD1560</u>	56.2	42.4	95.7	314	62.5	114.10	62.5
E9	01580	05	49.9	110	479	62.4	154.00	55.0
E10	<u>CD158e1</u>	49.7	34	//./	228	55.3	88.94	55.3
E11	001581	55.8	55.Z	93.4	202	30.Z	121.52	58.2
E12	00161	00.3	45.2	98.0	392	01.1	131.44	01.1
F1	00162	02.1	98.2	91.6	344	57.7	130.72	91.6
F2	<u>CD163</u>	57	40.6	103	385	63.1	129.74	63.1
F3	<u>CD164</u>	2450	/09	1367	13248	12505	8./000	2450
F4	<u>CD165</u>	15344	12504	3804	/18	9058	8285.6	9058
F5	<u>CD166</u>	3409	10290	50815	44341	9/189	41208.8	44341
Fb	<u>CD16/a</u>	1/2	/18	1547	5054	84.8	1515.16	/18
F/	00109	49.3	54.0	/ 6.4	220	34.4	67.34	54.4
F8	0170	/23	1039	212	512	10/	530.0	512
F9	<u>CD1/2a</u>	55.8	//.1	/59	//50	09.4	1/43.4b	//.1
F10	<u>CD172b</u>	54	38.1	80.9	280	5.3	103.06	56.3
F11	<u>CD172g</u>	/1.5	40.0	95.0	338	03.2	121.78	/1.5
F12	0178	50.8	41.5	100	307	05.4	120.14	05.4
61	<u>CD1/9a</u>	/4./	09.3 26.0	135	411	57.9	149.58	/4./
62	<u>CD1/9b</u>	51.9	30.8	9U.4	328	55.9	112.0	55.9
63	00100	02.8	40.0	96.0	30/	04.4	127.88	04.4
64	00181	91.7	87.9	127	301	/3.5	130.22	91./
65	<u>CD182</u>	50.7	45.3	88.1	200	58.9	103	58.9
66	<u>CD183</u>	1361	492	424	495	90.2	541.24	424
	<u>CD184</u>	1301	11814	100	/08	55/8 69 F	5207	55/8
68	CD193	220	50.0	108	372	08.5	133.0	08.9
610	<u>CD195</u>	228	354	310	4/5	11/	298	316
610	<u>CD196</u>	9/.1	98	11/	359	01.8	140.58	98
G11	<u>CD197</u>	/3.1	61	154	372	67.7	145.56	73.1
G12	<u>CD200</u>	381	421	133	ь73	ьь40	1649.6	421
H1	CD200R	59.5	45.5	101	412	64.6	136.52	64.6
H2	<u>CD201</u>	///	163	92.3	3426	56.2	902.9	163
Н3	<u>CD202b</u>	58.5	43.7	101	484	56.6	148.76	58.5
H4	CD203c	55.7	41.3	91.6	319	63.1	114.14	63.1
H5	<u>CD205</u>	57.5	45.3	105	439	56.7	140.7	57.5
H6	CD206	54.4	39.4	82.8	269	55.7	100.26	55.7
H7	CD207	53.1	39.6	84.4	264	58.1	99.84	58.1
H8	<u>CD209</u>	55.1	40.1	86.1	278	55.9	103.04	55.9
H9	<u>CD210</u>	71.3	51.1	118	500	67.5	161.58	71.3
H10	CD213a2	56.9	42.7	103	486	60.3	149.78	60.3

LI11	00015	00.0	84.1	150	070	60.1	274.62	l 00.0
1111	<u>CD213</u>	55.5	72.7	130	373	64.2	274.02	33.3
H12	02184	00.0	73.7	155	410	04.5	150.56	/3./
A1	Blank	44.1	28.8	68.4	182	41	/2.86	44.1
A2	<u>CD220</u>	2307	2103	89.2	406	2123	1405.64	2103
A3	<u>CD221</u>	10279	9557	1675	407	1347	4653	1675
A4	<u>CD226</u>	59.2	43.6	210	332	54.7	139.9	59.2
A5	<u>CD229</u>	54	36.7	87.7	238	46.4	92.56	54
A6	<u>CD231</u>	204	61	251	511	59.3	217.26	204
A7	CD235ab	82.9	35.9	75.3	191	42.3	85.48	75.3
A8	CD243	66.5	62.2	113	332	58.5	126.44	66.5
A9	CD244	69.9	51.5	84.9	227	43.8	95.42	69.9
A10	Please Inquire	1392	245	445	8906	125	2222.6	445
A11	CD252	95.9	82.7	150	457	49.6	167.04	95.9
A12	CD252	61.1	46	109	458	52.4	145.3	61.1
	<u>CD255</u>	60.8	40.3	105	450	46.7	197.72	60.0
B1	00254	72.2	49.5	97.8	664	40.7	187.72	72.2
B2	0235	72.3	51.9	109	346	35.0	100.0	72.5
B3	<u>CD257</u>	1029	2/93	1414	961	105	1260.4	1029
B4	<u>CD258</u>	134	68.7	99.5	397	56.6	151.16	99.5
B5	<u>CD261</u>	71.2	231	123	454	50.1	185.86	123
B6	<u>CD262</u>	307	182	93.4	2494	98	634.88	182
B7	<u>CD263</u>	61.6	51.4	99.9	424	56.3	138.64	61.6
B8	<u>CD266</u>	67.6	69.1	151	8478	61.4	1765.42	69.1
B9	<u>CD267</u>	55.5	41.8	91.9	354	48.4	118.32	55.5
B10	CD268	50.5	43.7	99.9	221	42.9	91.6	50.5
B11	HVEM	180	217	362	652	117	305.6	217
B12	CD271	1635	1091	136	244	207	662.6	244
C1	CD273	55.9	42.2	116	10004	53	2054.22	55.9
C2	CD274	107	123	145	1177	305	371.4	145
C3	CD275	948	127	89.9	263	47.3	295.04	127
C4	CD276	6495	9186	286	54917	4700	15116.8	6495
C5	CD277	150	68	138	1703	59.3	423.66	138
C6	CD278	51.1	38.3	89.5	244	47.5	94.08	51 1
C7	CD279	51	35.2	80.6	215	44.8	85 27	51
C^/	(D202)	54.7	JJ.2 /1 6	86 G	213	50	105.52	51
	CD284	57.6	+1.0 50 /	111	432		152 22	70.1
C10	00204	02.0 EA.C	20.4	111	4/2	70.1	133.22	70.1
C10	<u>CD286</u>	54.6	39.9	93.9	421	54	132.68	54.6
C11	<u>CD290</u>	55.7	39.4	92.6	339	50.7	115.48	55.7
C12	<u>CD294</u>	59.1	42.7	95.1	322	66.5	117.08	66.5
D1	<u>CD298</u>	71818	1.05E+05	51127	1.29E+05	21119	75612.8	71818
D2	<u>CD300e</u>	56.3	41.9	89.8	328	47.6	112.72	56.3
D3	CD300F	56.4	48.5	98.3	441	47.7	138.38	56.4
D4	<u>CD301</u>	92.6	86.3	140	369	58.8	149.34	92.6
D5	CD303	168	149	172	296	51	167.2	168
D6	<u>CD304</u>	47.9	48.8	1150	918	679	568.74	679
D7	<u>CD307e</u>	50.1	37.5	81.3	262	48.8	95.94	50.1
D8	FcRL4	58.2	44	88.6	285	48.2	104.8	58.2
D9	<u>CD314</u>	57.3	43.7	88.7	301	51.1	108.36	57.3
D10	CD317	183	66.4	283	2.17E+05	70.3	43520.54	183
D11	CD318	60.9	50.3	3046	620	1579	1071.24	620
D12	CD319	57.8	45.7	97.5	471	49.8	144.36	57.8
E1	CD324	271	180	145	265	314	235	265
E2	CD325	548	1647	123	1949	367	926.8	548
E3	CD326	290	4935	69114	1919	76631	30577.8	4935
E4	CD328	53.3	39.6	85.8	224	47.8	90.1	53.3
E5	CD334	142	77.8	78.2	241	46.5	117.1	78.2
E6	CD335	49.1	34.8	76.9	224	48 5	86.66	49.1
E0	CD336	52.7	37.9	82.7	405	50.3	125 72	52.7
E8	CD337	55.6	43	76.5	201	43.6	83.94	55.6
E0	CD337	55.0	99 /	99.7	022	49.0	241.1	99.4
E3	CD336	57.1	27.2	100	922	45.5	1076.96	00.4
E10	00340	33.2	57.5	100	9612	01.0	1970.80	01.0
E11	<u>CD344</u>	4895	13081	916	548	395	4087	916
E12	00351	00.0	44.1	102	340	JO.Z	110.02	50.0
F1	<u>CD352</u>	50.7	40.7	99.5	306	51./	110.92	56.7
F2	<u>CD354</u>	b3.5	46.8	98.5	408	51.8	133.72	63.5
F3	<u>CD355</u>	56.3	41.1	96.5	339	61.4	118.86	61.4
F4	<u>CD357</u>	109	85.7	192	584	63.3	206.8	109
F5	<u>CD360</u>	63.9	61.7	101	437	51.2	142.96	63.9
F6	<u>β2-microglobulin</u>	1320	1024	11502	2.49E+05	3689	53307	3689
F7	<u>CD272</u>	55.2	43.4	102	408	49.7	131.66	55.2
F8	C3aR	54.6	42.1	88	274	52.3	102.2	54.6
F9	<u>C5L2</u>	92.2	64.4	148	509	60.8	174.88	92.2
F10	CCR10	65.2	50.8	99.6	281	64.9	112.3	65.2
F11	CLEC12A	50.5	36.1	77.8	222	47.5	86.78	50.5
F12	CLEC9A	56.7	41	85.2	262	68.2	102.62	68.2
G1	CX3CR1	79.6	58.5	153	1181	53	305.02	79.6
G2	CXCR7	65.9	86.6	106	425	49.4	146.58	86.6
G3	Delta Opioid Receptor	61.6	49.3	91.8	352	9.87	112.914	61.6
G4	DLL1	66.7	114	1162	233	99.3	335	114
G5	DLL4	69.5	252	577	235	55.5	237.8	235
G6	DR3	66.5	45.8	97.8	356	58.7	124.96	66.5
G7	EGFR	53	46.2	102	17761	70.8	3606.6	70.8
G8	erbB3	151	72.4	98.6	240	340	180.4	151
G9	FceRla	48.9	34.6	73.8	202	47.1	81.28	48.9
G10	Please Inquire	55.7	40.3	97.5	361	51.5	121.2	55.7
G11	Galectin-9	76.8	64.2	116	399	58.7	142.94	76.8
G12	GARP	60.3	38.6	77.8	305	50	106.34	60.3
H1	HIA-A.B.C	284	203	1391	2.26F+05	800	45735.6	800
H2	ΗΙΔ-Δ2	289	52.6	2032	567	323	652 72	323
H3	HLA-DO	49.3	34.7	75.7	209	51.1	83.96	51.1
H4	HLA-DR	47.9	33.1	73.9	235	46.2	87.22	47.9
H5	HLA-E	64.3	44.7	125	863	42.3	227.86	64.3
Нб	HIA-G	875	54.7	122	506	66.2	324 78	122
H7	IFN-y R h chain	108	86.3	193	689	68.6	228 98	108
НЯ	Ig light chain K	65 3	38.2	78.6	200	48 7	86.16	65 3
Н9	Ig light chain λ	48 3	38.1	73 5	197	49.7	81 32	49.7
H10		6/ 8	57.1	104	107	-J./ 55 /	102.52	64.0
µ11	IEU IcM	/0 1	3/ 5	75 1	203	50.4	83.25	E0 1
	I Igivi	47.1	U.+.U	13.1	200	50.1	03.30	1 20.1

H12	IL-28RA	58.7	42.8	104	438	54.8	139.66	58.7
A1	Blank	43.8	29.1	66.3	191	68.9	79.82	66.3
A2	Integrin α9β1	587	4199	91	503	264	1128.8	503
A3	integrin β5	285	114	91.7	1014	107	322.34	114
A4	Integrin β7	50.7	36.2	77.3	245	49	91.64	50.7
A5	Jagged 2	79	104	117	562	71.7	186.74	104
A6	LAP	58.7	40.6	81.9	302	54.8	107.6	58.7
A/	Lymphotoxin B Receptor	59.9	49.4	98.1	1655	292	430.88	98.1
A8	Mac-2	66.9	54.7	112	243	59.6	107.24	66.9
A9	MICA (MICR	EQ	J4 /2 1	125	2467	59.4	608.2	60.0
A10	SUSD2	2275	45.1	289	2407	69.9	6179.06	2275
A11 A12	SUSD2	2426	23275	205	3159	65.1	6051.02	2426
B1	MSC	4606	7935	5087	8877	1125	5526	5087
B2	MSC.NPC	1852	3202	2149	648	173	1604.8	1852
B3	TNAP	1353	74.5	146	394	54.3	404.36	146
B4	NKp80	59.9	40	86.1	283	65.4	106.88	65.4
B5	Notch 1	229	980	103	892	60	452.8	229
B6	Notch 2	1581	238	392	7270	75.6	1911.32	392
B7	Notch3	53.9	40.4	87.3	430	52.9	132.9	53.9
B8	Notch 4	147	69.5	106	393	47.2	152.54	106
B9	NPC	748	718	773	504	69.9	562.58	718
B10	Podoplanin	155	11977	83.8	243	91.2	2510	155
B11	Pre-BCR	61	59.6	97.1	315	57.9	118.12	61
B12	<u>PSMA</u>	98.6	480	80.6	252	49.5	192.14	98.6
<u>C1</u>	Siglec-10	56.2	46.1	104	557	54.5	163.56	56.2
C2	Siglec-8	57.3	45.7	100	431	54.1	137.62	57.3
<u>C3</u>	Siglec-9	53.0	39.3	80.7	262	52.0	98.84	53.0
CF	SSEA-1	124	30	10007	080	358	3562.2	358
<u> </u>	SSEA-5	283	120	03.2	2526	47.4	5/81 52	47.4
C7	SSEA-5	74.6	87.2	1293	542	3386	1076 56	542
C8	TCR gamma/delta	81.5	67.3	133	659	67.4	201.64	81.5
C9	TCR VB13.2	59.6	44.5	103	384	56.3	129.48	59.6
C10	TCR VB23	56.9	48.3	97.9	357	51.5	122.32	56.9
C11	TCR Vβ8	48.5	34.3	77.2	206	42	81.6	48.5
C12	TCR Vβ9	52.1	38	80.9	276	47.4	98.88	52.1
D1	<u>TCR Vδ2</u>	50.1	40.7	79	223	46.8	87.92	50.1
D2	<u>Vy9</u>	57.2	42.3	93.5	264	65.2	104.44	65.2
D3	<u>TCR Vα24-Jα18</u>	55.1	41.9	95.7	370	55.5	123.64	55.5
D4	<u>TCR Vα7.2</u>	52.9	40	84.5	263	51	98.28	52.9
D5	<u>TCR α/β</u>	55.5	42.9	104	347	187	147.28	104
D6	<u>Tim-1</u>	369	103	155	556	159	268.4	159
D7	Tim-3	55.6	40.2	84.1	315	52	109.38	55.6
D8	<u>Tim-4</u>	59.8	45.3	98.8	413	55.7	134.52	59.8
D9	<u>TLT-2</u>	69.1	58.1	96.3	282	55.7	112.24	69.1
D10	<u>IRA-1-60-R</u>	50.7	39.2	//.2	199	51.2	83.46	51.2
DII	1RA-1-81 TCLDD	68.8	62.7	103	449	50	147.9	68.8
E1	ISLPK	54.1	59.4	63 100	2/1	48.5	39.2	54.1
E1 F2	IgG1, K Isotype Ctrl	583	55.4 AA 7	100	374	57.1	1/15 22	60.8
F3	IgG2b, K Isotype Ctrl	58.8	46.3	97.8	362	57.2	174.42	58.8
F4	IgG3 k Isotype Ctrl	63.6	55.3	102	377	57.9	131.16	63.6
E5	IgM, κ Isotype Ctrl	154	192	128	346	202	204.4	192
E6	IgG1, ĸ Isotype Ctrl	87.1	50.1	112	391	109	149.84	109
E7	IgG2a, к Isotype Ctrl	56.1	42.3	99.1	360	57.4	122.98	57.4
E8	IgG2b, к Isotype Ctrl	50	36.8	77.7	238	44.9	89.48	50
E9	IgM, к Isotype Ctrl	79.5	81.4	101	415	62	147.78	81.4
E10	IgG Isotype Ctrl	58.5	46.5	98.7	437	53.7	138.88	58.5
E11	Blank	46.5	32.2	70.8	190	2152		
E12	Blank	46.4	32.3	71.1	192	12050		
F1	Blank	¥	32.5	71	832			
F2	Blank	¥	31.6	73	935			
F3	Blank	49.6	26.5	88.3	185			
F4	Blank	43.5	¥	66.5	185			
F5	Blank	1472	1883					
F6	ј віапк	6522	8672				1	

Supplemental Table 3: Correlative analysis of protein levels (flow cytometry) and mRNA levels (microarrays - CCLE) in four human SCLC cell lines (see Supplemental Figure 9)

		protein	levels (fluoresce	nce intensity - log	2 scale)		mR	NA levels (microa	rray data - log2 sc	ale)	_		
Gene.Name	Plate.Name	NCI.H82	NCI.H524	NCI.H69	NCI.H196	Prot_Median	NCI.H82	NCI.H524	NCI.H69	NCI.H196	mRNA_Median	Fitted_Values (predicted protein	Residuals
NCAM1	CD56	15.25856603	15.85121222	17.1155314	13.68222652	15.55488913	5.376539	4.860833	5.647593	4.734654	5.118686	7.61596863	7.9389205
MSC	MSC (W7C6)	12.1692987	12.95401451	12.31259938	13.11585648	12.63330694	4.347809	3.92805	3.91532	7.106493	4.1379295	6.686898564	5.946408379
PVRL1	CD111	12.55074679	13.45391363	12.89652162	8.900866808	12.7236342	4.628547	4.515599	4.469093	4.355437	4.492346	7.02263711	5.700997094
PVR	CD47 CD155	15.60133555	15.17975362	13.86689253	17.15560884	16.26065807	8.945402	9.088595	6.672547	9.276922	9.1827585	9.423606333	4.794795913
THY1	CD90	11.99152185	14.95365083	11.61976146	14.42239333	13.20695759	5.789445	7.818059	4.964742	7.755429	6.772437	9.182565995	4.024391593
PVRL2	CD112	13.87334798	8.596189756	11.26912668	14.73232644	12.57123733	8.084685	4.452219	6.02013	6.496444	6.258287	8.695511998	3.875725332
CD69	CD69	10.44086917	10.17367714	9.306061689	9.727920455	9.950798795	3.612306	3.418639	3.520089	3.742338	3.5661975	6.145297171	3.805501624
FZD4	CD146 CD344	12.83940065	10.35424938	9 839203788	9 098032083	12.56355651	5.050688	5.907406 4 763618	5 217418	9.365023 5.628358	5 134/421	8.779948584	3.78360793
TNFSF13B	CD257	10.00702727	11.44759986	10.4655664	9.908392621	10.23629684	3.960636	4.214358	4.378745	4.440401	4.2965515	6.837161093	3.399135743
CD276	CD276	12.66511381	13.16522107	8.159871337	15.7449652	12.91516744	6.956621	7.296122	5.831481	7.685873	7.1263715	9.517847942	3.397319497
CD44	CD44	9.702172685	6.046578367	13.67639789	17.67314342	11.68928529	5.062327	4.19502	7.353806	10.41065	6.2080665	8.647938147	3.041347139
ADAM10	CD134 CD156c	9.929258409	11.42206477	13 16804527	9.126/044/3	9.527981441	4.17664	3.875723	3.893586 6.965019	4.019127	3.9563565 8.419174	0.514894567	3.013086874
CD59	CD59	12.60362634	12.6110248	14.0173304	17.666224	13.3141776	7.566794	7.773384	8.894587	10.60811	8.3339855	10.66181999	2.652357615
SIGLEC5	CD170	9.497851837	10.02097994	7.727920455	9	9.248925918	4.074835	4.116491	3.941073	4.1547	4.095663	6.646859533	2.602066385
ATP1B3	CD298	16.13205786	16.6800298	15.64179775	16.97701154	16.40604383	11.58017	11.76476	11.27921	11.86655	11.672465	13.82435969	2.581684144
CD99 CD81	CD99 CD81	15.81920613	14.1994423	14.24592403	17.9199806	15.03256508	10.42643	8.859089	10.31142	12.90961	10.368925	12.589517 13.08401677	2.443048082
NGFR	CD271	10.67507492	10.09143539	7.087462841	7.930737338	9.011086362	4.771551	4.172855	4.243974	3.796642	4.2084145	6.753668964	2.257417398
ALCAM	CD166	11.73513288	13.32895536	15.63296681	15.43635369	14.38265452	7.393545	9.912791	11.88554	9.943304	9.9280475	12.171874	2.210780527
CD9	CD9	13.34928123	8.897845456	10.81057163	17.836149	12.07992643	9.220661	4.948914	5.977823	11.20646	7.599242	9.965797894	2.114128538
ITGA6	CD49f	12.57931594	10.1711768	11.8153833	11.45943162	11.63740746	9.293527	6.848907	7.445978	4.77311	7.1474425	9.537808489	2.099598969
INSR	CD220	11.17180229	11.03823313	6.478971805	8.665335917	9.851784526	7.793464	6.491484	4.370993	4.338159	5.4312385	7.912049432	1.939735094
CXCR3	CD183	7.636624621	8.942514505	8.727920455	8.951284715	8.83521748	4.395106	4.338346	4.474621	4.240998	4.366726	6.903637357	1.931580123
B3GAT1	CD57	8.97441459	10.57080444	9.923327485	8.405141463	9.448871038	4.597704	6.211388	5.557636	4.400784	5.07767	7.577114196	1.871756841
ACE	CD143	8.527477006	7.339850003	8.383704292	8.791162889	8.455590649	4.112794	4.044302	3.847848	4.031888	4.038095	6.5923254	1.863265249
CD55	CD490	13.37788833	12.41362793	8.921840937	16.46425856	9.282311071	9.5221	4.135902	6.008283	9.025247	4.933524	11.27280869	1.622949436
CD46	CD46	13.76258967	13.12654316	12.92053895	17.51267874	13.44456641	10.03802	9.17692	8.786747	10.45983	9.60747	11.86819112	1.576375297
EPCAM	CD326	8.17990909	12.26883437	16.07669036	10.906139	11.58748668	4.869736	10.42923	12.05824	3.686775	7.649483	10.01339116	1.574095519
ITGA4	CD49d	11.63254088	10.32755264	8.184875343	12.54544718	10.98004676	7.366484	6.882564	4.620552	7.172379	7.0274715	9.42416003	1.555886731
IGF1R CLECAC	CD221	13.3274123	13.2223421	10.70994538	8.668884984	11.96614374	9.191139	8.785172	7.456585	7.168649	8.1208785	10.45994385	1.506199893
CD200	CD200	8.573647187	8.717676423	7.055282436	9.394462695	8.645661805	6.023532	5.333208	4.098407	4.015508	4.7158075	7.23432206	1.411339746
ALPL	TNAP	10.40194612	6.21916852	7.189824559	8.622051819	7.905938189	4.673816	4.313537	3.761287	3.605445	4.037412	6.591678395	1.314259794
IFNA1	MICA/MICB	5.857980995	5.429615964	8.654636029	11.268542	7.256308512	3.221389	3.374975	3.348216	3.401511	3.3615955	5.951477815	1.304830697
CSF2RA	CD116	7.375039431	6.607330314	7.918863237	8.686500527	7.646951334	3.886077	3.714131	3.779086	3.777663	3.7783745	6.346292321	1.300659013
CCR5	CD184 CD195	7.832890014	8.46760555	8.303780748	9.46760555 8.891783703	8.385693149	4.756728	4.550651	4.493316	4.09864	4.6536895	7.175477714	1.252420459
BST2	CD317	7.515699838	6.053111336	8.144658243	17.72733552	7.830179041	4.310403	3.53009	3.846462	10.27869	4.0784325	6.630537091	1.19964195
SEMA4D	CD100	8.95419631	8.098032083	9.73470962	8.885696373	8.919946342	5.677853	5.015009	5.883575	4.552704	5.346431	7.831711336	1.088235006
ICAM1	CD54	8.103287808	8.285402219	7.426264755	11.98085361	8.194345014	4.469711	4.591668	4.669228	4.705045	4.630448	7.153461055	1.040883959
PDPN	Podoplanin	7 276124405	9.930037939	6 388878339	9.8008999 7 924812504	7 600468454	3 986289	5.471102	4 073776	6.504925 4 157049	5.3754725 4 1154125	6.665568223	0.980829512
CD79B	CD79b	7.022367813	6.54689446	7.451211112	8.710806434	7.236789462	4.435482	3.912631	3.862468	3.692695	3.8875495	6.449713735	0.787075727
CD226	CD226	5.887525271	5.44625623	7.714245518	8.375039431	6.800885394	3.557196	3.356675	3.21123	3.769318	3.4569355	6.041793342	0.759092052
SDC1	CD138	8.442943496	9.440869168	9.375039431	11.10197567	9.407954299	5.236359	6.530941	5.994396	8.442873	6.2626685	8.69966259	0.708291709
TNERSE18	CD357	5.988084087	6.421223299	8.333140823 7.584962501	9.189824559	7.176573413	4.027652	3.955141	4.035755	3.925267	3.9744255	6.53201132	0.644562093
NT5E	CD73	6.385431037	6.033423002	8.055282436	14.71322539	7.220356736	3.88502	3.898644	4.166271	7.2484	4.0324575	6.586985	0.633371737
ITGA5	CD49e	9.857980995	6.638073837	7.499845887	16.63820963	8.678913441	5.916496	5.274626	5.255102	9.667485	5.595561	8.067712041	0.6112014
NRP1	CD304	5.581953751	5.608809243	10.16741815	9.842350343	7.725579793	3.881879	3.924709	5.304781	10.38333	4.614745	7.138585612	0.586994181
SEMA/A	CD108	8.055282436	7.118941073 6.832890014	/.149/4/12	8.988684687	7.602514778	4.611/0/	4.290156	4./035/6	4.3/515/	4.493432	/.0236658//	0.5788489
CLEC10A	CD301	6.532940288	6.431288654	7.129283017	8.527477006	6.831111653	3.7127	3.701532	3.569937	3.898892	3.707116	6.278789185	0.552322468
VPREB1	CD179a	6.223036338	6.114783447	7.076815597	8.682994584	6.649925967	3.555702	3.636539	3.653006	3.511497	3.5961205	6.173643212	0.476282755
TNFRSF14	HVEM	7.491853096	7.761551232	8.499845887	9.348728154	8.13069856	4.707239	5.286534	5.250394	5.082437	5.1664155	7.661182757	0.469515802
TNESE14	CD558	7.06608919	5.357552005 6 102238194	9.036173613	8.87958325	7.340888233	4.346731	4.324591	4.233941	3 889405	3 854486	6.8742095	0.466678733
FAS	CD95	6.327328083	6.988684687	7.426264755	14.51162913	7.207474721	3.872788	4.192647	4.366896	8.68163	4.2797715	6.821265409	0.386209312
IL18R1	CD218a	6.10433666	6.203592714	7.076815597	8.6794801	6.640204156	3.66769	3.727006	3.701477	3.643577	3.6845835	6.257444161	0.382759995
ICOSLG	CD275	9.888743249	6.988684687	6.490249211	8.038918989	7.513801838	4.687823	4.53019	4.474733	4.774519	4.6090065	7.133149534	0.380652304
CCR6	CD196	6.601399391 5.956521363	6.614/09844 5.520422249	6.8/0364/2	8.48/840034	6./4253/282	3.781425	3.84554	3.68663	3.876503	3.8134825	6.379550109 5.036261345	0.362987173
TNFRSF9	4-1BB Ligand	6.312882955	5.862947248	7.285402219	9.262094845	6.799142587	3.730893	3.662365	4.03984	4.720198	3.8853665	6.447645781	0.351496806
CX3CR1	CX3CR1	6.314696526	5.87036472	7.257387843	10.20579325	6.786042184	4.23888	3.939934	3.613209	3.831856	3.885895	6.448146428	0.337895756
ITGB3	CD61	5.827819025	6.0725346	7.994353437	12.98370619	7.033444018	4.249733	3.978752	4.06656	6.112404	4.1581465	6.706050117	0.327393901
INFRSF10B	CD262	8.262094845	7.50779464	6.545350645 7.266786541	11.28424575	7.884944743	3 890607	4.686973	4./56059	7.169505	5.089454	7.588277173	0.29666/5/
CDH5	CD144	5.911691582	6.04220656	6.845490051	9	6.443848306	3.623333	3.472257	3.591322	3.730667	3.6073275	6.184259597	0.259588709
SELE	CD62E	5.840463234	5.339850003	6.590961241	8.703903573	6.215712238	3.390563	3.349775	3.411953	3.300972	3.370169	5.959599487	0.256112751
IGLL1	CD179b	5.697662633	5.201633861	6.498250868	8.357552005	6.09795675	3.37167	3.063284	3.245117	3.248257	3.246687	5.84262506	0.255331691
SPN	CD43	6.40599236	5.860466259	7.108524457	8.927777962	6.757258408	4.149593	3.989311	3.898942	3.830841	3.9441265	6.503309095	0.253949314
CD109	CD109	6.807354922	8.082149041	6.658211483	13.01506653	7.444751982	4.641758	4.466822	4,724688	8.250146	4.683223	7.203454782	0.2412972
DPP4	CD26	6.686500527	7.707359132	6.465974465	9	7.19692983	7.945806	4.31463	3.896617	4.561386	4.438008	6.971162754	0.225767076
ITGAX	CD11c	5.972692654	5.672425342	6.965784285	9.463524373	6.469238469	3.70629	3.550591	3.949693	3.663509	3.6848995	6.257743507	0.211494962
ANPEP	CD13	6.053111336	5.815063017	6.633721813	8.73470962	6.343416575	3.694707	3.477203	3.445432	3.760221	3.585955	6.16401344	0.179403135
CDCP1 CD200R1	CD318	5.928370323	5.652486495	6 658211483	9.276124405	7.602247364 6.276514623	4.753748	4.6198	3 595936	3 75196	4.9377435	6 135426312	0.15768546
CD274	CD274	6.741466986	6.942514505	7.17990909	10.20089861	7.061211798	4.518958	4.417098	4.032764	4.406025	4.4115615	6.94611	0.115101798
TNFSF11	CD254	5.925999419	5.623515741	6.61176256	9.417852515	6.268880989	3.592916	3.424922	3.567153	3.632328	3.5800345	6.158404954	0.110476036
SIGLEC8	Siglec-8	5.840463234	5.51412226	6.64385619	8.751544059	6.242159712	3.648385	3.528093	3.53738	3.601786	3.569583	6.148504254	0.093655458
CD86	CD85	5.89/240426 6.17990000	5.456149035	6.845490051 6.493455201	8.396604781	6.371365238 6.336682145	3./05353	3.657395	3.768466	3./81247	3.7369095	6.30/01255 6.276177054	0.060504101
PTPRC	CD45	5.646738698	5.091699834	6.64096791	7.599912842	6.143853304	3.420102	3.338996	4.046907	3.583455	3.5017785	6.08427309	0.059580214
CD52	CD52	6.006746832	5.399171094	6.416164165	8.033423002	6.211455499	3.990396	3.608879	3.5318	3.53891	3.5738945	6.152588535	0.058866963
PTPRJ	CD148	8.317412614	7.607330314	8.194756854	11.82057788	8.256084734	5.692708	5.775604	5.73109	6.246081	5.753347	8.217182628	0.038902106
CD80	CD80 CD1d	6.30/428525 5.8227201/0	5.51/275693	6.658211483 6.44625622	8.8/958325 8.49185300F	6.482820004	4.2/2351	3.653165	3.837092	3.936705	3.8868985	6.449097043	0.033722961
KIR2DL4	CD158d	5.977279923	5.64096791	6.857980995	8.903881846	6.417630459	3.892068	3.851758	3.731097	3.794371	3.8230645	6.388627132	0.029003327
SIRPG	CD172g	6.159871337	5.343407822	6.578938713	8.400879436	6.369405025	3.729888	3.595882	3.827715	3.863352	3.7788015	6.346696818	0.022708207
THBD	CD141	5.830356747	5.419538892	7.339850003	8.339850003	6.585103375	3.953607	3.997323	4.532312	4.022432	4.0098775	6.565594979	0.019508396
FCRL4	FCRL4 CD71	5.862947248	5.459431619	6.469234794 12 86611970	8.154818109	6.166091021 13.86586631	3.521574	3.495129	3.91053	3.633602	3.5/7588	6.156087386 13.8791799	0.010003635
CCR3	CD193	6.106432078	5.66106548	6.754887502	8.539158811	6.43065979	3.878032	3.854767	3.888384	4.031329	3.883208	6.445601035	-0.014941245
SIGLEC10	Siglec-10	5.812498225	5.526694846	6.700439718	9.121533517	6.256468972	3.789656	3.540701	3.65873	3.764779	3.7117545	6.283183233	-0.026714262
CD96	CD96	5.894817763	5.498250868	6.686500527	8.703903573	6.290659145	3.58768	3.752644	3.763621	3.989392	3.7581325	6.327117086	-0.036457941

LILRA5	CD85	5.894817763	5.426264755	6.553053253	8.603626345	6.223935508	3.993193	3.596681	3.709058	3.699661	3.7043595	6.276177954	-0.052242446
ABCB1	CD243	6.055282436	5.958842675	6.8201/8962	8.3/5039431	6.437730699	3.908568	4.169985	3.842741	3.953664	3.931116	6.490984255	-0.053253557
	CD205	5.845490051 6.017021009	5.501439145	6 700420718	0.77607715	6.2/980//84	3.063623	3.692694	3.032342	3.900920	3.7693393	6.330098403	-0.070850021
CD180	CD180	5 972692654	5 54225805	6 623515741	8 510636253	6 20810/108	3.001442	3 778737	3,610854	A 174220	3.81/552	6 380563246	-0.07883272
ECAR	CD89	5 852007588	5 429615964	6 562242424	8 339850003	6 207620006	3 733656	3 661965	3 770864	3 717766	3 725711	6 296404218	-0.082455040
ITGAM	CD11b	5 802301026	5 472487771	6 686500527	8 764871501	6 289445777	3 863572	3 737118	3 78/1500	4 043302	3 8240855	6 28050/325	-0.000704212
TREM1	CD354	5 988684687	5 548436625	6 622051819	8 672425342	6 305368253	3 844751	3 830734	3 837227	3 89035	3 840989	6 405607	-0.100148348
CR2	CD21	5.663913842	6.002252452	6.261154673	8.044394119	6.131703562	3.666385	3.675218	3.690247	3.616071	3.6708015	6.24438848	-0.112684918
SLAMF7	CD319	5.852997588	5.51412226	6.607330314	8.87958325	6.230163951	3.811168	3.698854	3,749834	3.806112	3.777973	6.34591198	-0.115748029
IL15RA	CD215	6.642412773	6.394033895	7.22881869	9.93516505	6.935615732	4.569168	4.266086	4.500049	9.067153	4.5346085	7.062672352	-0.12705662
PDGFRA	CD140a	5.776103988	5.395748328	6.422905743	7.994353437	6.099504865	3.416185	3.365979	3.901676	5.274647	3.6589305	6.233143089	-0.133638223
TNFRSF8	CD30	6.183883459	5.465974465	6.965784285	8.912889336	6.574833872	4.707142	4.010999	4.032244	4.305339	4.1687915	6.716134119	-0.141300247
TNFRSF10C	CD263	5.944858446	5.683696454	6.642412773	8.727920455	6.293635609	3.848107	3.896616	3.796978	3.942892	3.8723615	6.435326152	-0.141690542
PTPRC	CD45RO	5.675251386	5.232660757	6.199672345	7.754887502	5.937461865	3.420102	3.338996	4.046907	3.583455	3.5017785	6.08427309	-0.146811225
ICOS	CD278	5.675251386	5.259272487	6.483815777	7.930737338	6.079533582	3.601127	3.614515	3.734934	3.6978	3.6561575	6.230516227	-0.150982646
ITGAM	CD11b	5.689299161	5.336283388	6.781359714	9.082149041	6.235329437	3.863572	3.737118	3.784599	4.043302	3.8240855	6.389594325	-0.154264888
PDCD1LG2	CD273	5.804776378	5.399171094	6.857980995	13.28828934	6.331378687	3.910725	3.704805	3.954333	5.750704	3.932529	6.49232279	-0.160944103
LILRA5	CD85	5.776103988	5.339850003	6.417852515	8.344295908	6.096978251	3.993193	3.596681	3.709058	3.699661	3.7043595	6.276177954	-0.179199703
CR1	CD35	5.703211467	5.22881869	6.482202926	8.499845887	6.092707197	3.68817	3.568269	3.736049	3.713468	3.700819	6.272824041	-0.180116844
SLAMF1	CD150	5.776103988	5.419538892	6.378511623	7.942514505	6.077307806	3.610572	3.56007	3.760171	3.785386	3.6853715	6.258190633	-0.180882827
CRTAM	CD355	5.815063017	5.361066489	6.592457037	8.405141463	6.203760027	3.85617	3.41074	4.644557	3.788958	3.822564	6.388153009	-0.184392981
C5AR1	CD88	5.928370323	5.578938713	6.794415866	9.068778278	6.361393095	3.853611	3.844245	4.287504	4.125238	3.9894245	6.546219864	-0.184826769
LY9	CD229	5.754887502	5.197708158	6.454504938	7.894817763	6.10469622	3.674266	3.641381	3.829886	3.771445	3.7228555	6.293699204	-0.189002984
SIRPA	CD172a	5.802193217	6.268658955	9.567956075	12.92109709	7.918307515	5.210317	5.253463	6.023533	6.994872	5.638498	8.108386237	-0.190078721
FASLG	CD178	5.827819025	5.375039431	6.64385619	8.519636253	6.235837607	3.820193	3.861863	4.032649	3.868808	3.8653355	6.428670426	-0.192832819
INFSF4	CD252	6.58345891	6.369815424	7.22881869	8.836050355	6.9061388	4.962086	4.577395	4.40494	4.573828	4.5756115	7.10151447	-0.1953/56/
FU14	CD15	8.038918989	7.118941073	15.93574058	10.54689446	9.292906725	7.224211	8.048221	6.983724	5.909207	7.1039675	9.496624646	-0.203/1/922
CD48	CD48	6.131342539	5.736063628	6.918863237	9.074141463	6.525102888	4.15105	4.160228	4.220367	4.292381	4.1902975	6.736506741	-0.211403852
ENTPD1	CD39	5.786596362	5.346956889	6.41108/22/	8.10328/808	6.098841794	3.867955	3.751244	3./30843	3./39/82	3.745513	6.315162641	-0.216320847
CD82	CD82	7.276124405	8.011227255	10.01820018	12.23/80/4/	9.014/13/1/	0.519542	6.739779	6.920731	7.284604	6.830255	9.237336953	-0.222623236
NCP2	CD253	5 700605422	5,323301950	0.708184325	0.0392U3788 9.00000007	6 202467000	3./33254	3./31352	4.263008	3.348/84	4.018461	0.5/3/20123	-0.223083/24
KID3D11	CD158-1	5 635172047	5 087/679/1	6 270842604	0.45303302/ 7 837800014	5 95750022	3,633241	3,000297	3,520309	3.003003	3,600081	6 126004006	-0.223906/69
LII PAD	CD12961	5 977270022	5 5798700/7	6 4042094	9 240701222	5.55750852 6 190794004	3,03803	3,433//0	3,3/909	3.730001	3,855616	6.100004990	-0.2284900/0
CSESP	CD114	6.05961/956	5.887525271	7.10852///57	8.658711/22	6.584069657	4.1412247	4.197614	4,354573	4,359047	4,2735035	6 815417003	-0.2200/0100
CD200	CD200	5 783080414	5 375520227	6 4770/1222	8 1180/1072	6 105960872	3.64749	3 702020	3 746746	3 821076	3 7696375	6 332015766	-0 23205499337
CD36	CD36	5 58706/080	5.01346226	7 46760555	16 88/6/752	6 5 2 7 7 8 5 2 6 9	3 71/387	3 714075	4 726773	8 656016	4 22058	6 765193335	-0.232034055
CXCR2	CD182	5 82527683	5 501439145	6 461070114	8 055282436	6 143173472	3 711062	3 659787	3 99371	3 923524	3 817293	6 383159793	-0.237400000
CTI Δ4	CD152	5 832890014	5 422905743	6 601399391	8 566054038	6 217144702	3 942655	3 863619	3 83325	3 955699	3 903137	6 464479765	-0.2255566521
CD1B	CD1b	5.981852653	5.419538892	6.714245518	8.900866808	6.348049085	3.722284	4.200269	4.019319	4.08083	4.0500745	6.603673574	-0.255624488
TNFRSF10A	CD261	6.153805336	7.851749041	6.942514505	8.826548487	7.397131773	4.373705	6.317473	5.083799	5.234115	5.158957	7.654117325	-0.256985551
IL10RA	CD210	6.155830172	5.675251386	6.882643049	8.965784285	6.51923661	4.316781	4.318338	3,948009	4.156105	4.236443	6.780220346	-0.260983736
C3AR1	C3aR	5.770829046	5.395748328	6.459431619	8.098032083	6.115130332	3.824157	3.656162	3.800328	4.141626	3.8122425	6.378375458	-0.263245125
TIMD4	Tim-4	5.902073579	5.501439145	6.626439137	8.689997971	6.264256358	4.193824	3.869721	3,980515	3.966748	3.9736315	6.531259164	-0.267002806
TEK	CD202b	5.87036472	5.449561375	6.658211483	8.918863237	6.264288101	4.02901	3.938989	3.761002	4.255948	3.9839995	6.541080764	-0.276792663
ITGB4	CD104	5.802193217	5.357552005	6.605849867	8.335390355	6.204021542	3.955382	3.929112	4.021506	3.913427	3.942247	6.501528645	-0.297507103
NOTCH2	Notch 2	10.62662165	7.894817763	8.614709844	12.82773965	9.620665748	8.370129	5.525222	6.730608	9.290917	7.5503685	9.919500055	-0.298834307
TNFRSF9	CD137	5.716990894	5.201633861	6.578938713	8.262094845	6.147964804	3.730893	3.662365	4.03984	4.720198	3.8853665	6.447645781	-0.299680977
CEACAM8	CD66b	5.649615459	5.133399125	6.215290306	7.607330314	5.932452882	3.697218	3.618697	3.388464	3.705416	3.6579575	6.232221366	-0.299768484
SIRPB1	CD172b	5.754887502	5.251719093	6.441284272	8.129283017	6.098085887	3.822732	3.83109	4.041408	3.83736	3.834225	6.399199467	-0.30111358
HAVCR2	Tim-3	5.797012978	5.329123596	6.394033895	8.299208018	6.095523437	3.831916	3.82708	3.898644	3.864015	3.8479655	6.412215835	-0.316692398
ENPP3	CD203c	5.799605422	5.368069877	6.517275693	8.317412614	6.158440558	4.020918	3.786882	3.852431	3.986245	3.919338	6.479826963	-0.321386405
CD84	CD84	5.988684687	5.501439145	6.64385619	8.562242424	6.316270438	4.185997	4.036567	3.979761	4.137153	4.08686	6.638520457	-0.322250018
ERBB3	erbB3	7.238404739	6.177917792	6.623515741	7.906890596	6.93096024	4.985892	4.45591	5.204248	4.491855	4.7388735	7.256172468	-0.325212228
CCR10	CCR10	6.026800059	5.666756592	6.638073837	8.13442632	6.332436948	4.137562	4.8044	4.08116	3.904043	4.109361	6.659835641	-0.327398693
KLRD1	CD94	5.817623258	5.307428525	6.345183447	7.794415866	6.081403352	4.051069	3.736888	3.774569	3.934251	3.85441	6.418320706	-0.336917354
MME	CD10	6.087462841	6.781359714	6.882643049	15.45043803	6.832001381	4.577511	4.716796	4.453469	8.842924	4.6471535	7.169286165	-0.337284784
BTLA	CD272	5.786596362	5.439623138	6.672425342	8.672425342	6.229510852	4.160766	3.876269	3.938798	4.118542	4.02867	6.583397103	-0.353886251
CSF1R	CD115	5.993221467	5.62935662	6.741466986	8.463524373	6.367344227	4.09192	4.182507	4.182122	4.461867	4.1823145	6.728944449	-0.361600222
ENG	CD105	5.951867504	5.50779464	6.727920455	8.599912842	6.339893979	4.104692	3.889814	4.204052	4.301548	4.154372	6.702474535	-0.362580556
ITGB2	CD18	5.794415866	5.354028938	6.754887502	8.894817763	6.274651684	3.793715	4.024021	4.14702	4.209318	4.0855205	6.637251549	-0.362599865
BINJA1	CD2//	7.22881869	6.087462841	/.10852445/	10./33862/2	7.1686/15/4	5.042507	5.02/0/4	3.89727	6.31/98	5.0347905	7.536494471	-0.36/82289/
CLECIZA	CLECIZA	5.658211483	5.1/3926932	6.28169825	7.794415866	5.969954866	3.770506	3.662341	3.793781	3.8/64/6	3.7821435	6.349862692	-0.379907826
CD33	CD33	5.977279923	5.520094840	6 211067102	0.900890590	0.300063713 E 090341391	4.20981	4.172105	4.0792	4.098233	4.2209875	6.70557930	-0.399495647
TIR10	CD23	5 709605422	5 300123725	6 532040288	8 405141463	5.560341281	3.981/03	4 024692	3 000800	A 17343	1 0122055	6 567885549	-0.400200804
NCD2	CD237	5.755005422	5.500125725 E 4363647EE	6 257207042	7 651051601	6.02720041	2 922241	2 866207	2 026200	3 945 945	2 966091	6 420276629	0.402176227
ITGAL	CD11a	5 719731057	5 22/066265	6 400300036	8 252665432	6.064560996	3 075115	3 052153	3 807331	3 896647	3 9744	6 484622193	-0.402170227
VCAM1	CD106	5 587964989	5.026800059	6 185866545	10 45429929	5 886915767	3 799028	3 568179	3 675859	8 754701	3 7374435	6 307518408	-0.420602641
OPRD1	ta Opioid Recei	5.944858446	5.623515741	6.520422249	8.459431619	6.232640347	4.237282	4.458688	3.966556	3.972542	4.104912	6.655621106	-0.422980759
FCER1A	FcîuRlî±	5.61176256	5.112700133	6.205548911	7.658211483	5.908655736	3.844312	3.772795	3.785741	3.742793	3.779268	6.347138733	-0.438482997
IL21R	CD360	5.997744026	5.947198584	6.658211483	8.77148947	6.327977754	4.206064					6.768674661	0 440606006
KLRF1	NKp80	5.904484098	5 321928095					4.242446	3.958849	6.061314	4.224255		-0.440050500
KIT	CD117	C 413701F3F	3.321320033	6.42/941333	8.144658243	6.166212715	3.941104	4.242446 4.100116	3.958849 4.009881	6.061314 4.339416	4.224255 4.0549985	6.608338076	-0.442125361
CD163		0.412/81525	7.936637939	6.427941333 10.00842862	8.144658243 11.86611979	6.166212715 8.972533281	3.941104 4.403756	4.242446 4.100116 5.522323	3.958849 4.009881 8.515956	6.061314 4.339416 8.68515	4.224255 4.0549985 7.0191395	6.608338076 9.416267131	-0.442125361 -0.44373385
CD93	CD163	5.832890014	7.936637939 5.343407822	6.427941333 10.00842862 6.686500527	8.144658243 11.86611979 8.588714636	6.166212715 8.972533281 6.259695271	3.941104 4.403756 4.20861	4.242446 4.100116 5.522323 4.885976	3.958849 4.009881 8.515956 4.079643	6.061314 4.339416 8.68515 4.10774	4.224255 4.0549985 7.0191395 4.158175	6.608338076 9.416267131 6.706077115	-0.442125361 -0.44373385 -0.446381844
	CD163 CD93	5.832890014 5.928370323	7.936637939 5.343407822 5.62058641	6.427941333 10.00842862 6.686500527 6.58345891	8.144658243 11.86611979 8.588714636 8.430452552	6.166212715 8.972533281 6.259695271 6.255914617	3.941104 4.403756 4.20861 4.396311	4.242446 4.100116 5.522323 4.885976 4.177772	3.958849 4.009881 8.515956 4.079643 4.183466	6.061314 4.339416 8.68515 4.10774 4.121239	4.224255 4.0549985 7.0191395 4.158175 4.180619	6.608338076 9.416267131 6.706077115 6.727338303	-0.44050500 -0.442125361 -0.44373385 -0.446381844 -0.471423686
PTGDR2	CD163 CD93 CD294	5.832890014 5.928370323 5.885086225	7.936637939 5.343407822 5.62058641 5.416164165	6.427941333 10.00842862 6.686500527 6.58345891 6.571373436	8.144658243 11.86611979 8.588714636 8.430452552 8.330916878	6.166212715 8.972533281 6.259695271 6.255914617 6.228229831	3.941104 4.403756 4.20861 4.396311 4.199561	4.242446 4.100116 5.522323 4.885976 4.177772 4.12564	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853	6.608338076 9.416267131 6.706077115 6.727338303 6.702930186	-0.440390500 -0.442125361 -0.44373385 -0.446381844 -0.471423686 -0.474700356
PTGDR2 SIGLEC9	CD163 CD93 CD294 Siglec-9	5.832890014 5.928370323 5.885086225 5.744161096	7.936637939 5.343407822 5.62058641 5.416164165 5.296457407	6.427941333 10.00842862 6.686500527 6.58345891 6.571373436 6.437960088	8.144658243 11.86611979 8.588714636 8.430452552 8.330916878 8.033423002	6.166212715 8.972533281 6.259695271 6.255914617 6.228229831 6.091060592	3.941104 4.403756 4.20861 4.396311 4.199561 4.061351	4.242446 4.100116 5.522323 4.885976 4.177772 4.12564 3.959902	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 3.91997	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265	6.608338076 9.416267131 6.706077115 6.727338303 6.702930186 6.566304506	-0.442125361 -0.44373385 -0.446381844 -0.471423686 -0.474700356 -0.475243914
PTGDR2 SIGLEC9 CD244	CD163 CD93 CD294 Siglec-9 CD244	5.832890014 5.928370323 5.885086225 5.744161096 6.12722055	7.936637939 5.343407822 5.62058641 5.416164165 5.296457407 5.686500527	6.427941333 10.00842862 6.686500527 6.58345891 6.571373436 6.437960088 6.407692649	8.144658243 11.86611979 8.588714636 8.430452552 8.330916878 8.033423002 7.826548487	6.166212715 8.972533281 6.259695271 6.255914617 6.228229831 6.091060592 6.2674566	3.941104 4.403756 4.20861 4.396311 4.199561 4.061351 4.056113	4.242446 4.100116 5.522323 4.885976 4.177772 4.12564 3.959902 4.289367	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 3.91997 4.114318	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425	6.608338076 9.416267131 6.706077115 6.72733803 6.702930186 6.566304506 6.747443312	-0.4403900 -0.442125361 -0.44373385 -0.446381844 -0.471423686 -0.474700356 -0.475243914 -0.479986713
PTGDR2 SIGLEC9 CD244 CD1A	CD163 CD93 CD294 Siglec-9 CD244 CD1a	5.832890014 5.928370323 5.885086225 5.744161096 6.12722055 5.911691582	7.93637939 5.343407822 5.62058641 5.416164165 5.296457407 5.686500527 5.371558863	6.42/941333 10.00842862 6.686500527 6.58345891 6.571373436 6.437960088 6.407692649 6.429615964	8.144658243 11.86611979 8.588714636 8.430452552 8.330916878 8.033423002 7.826548487 8.233619677	6.166212715 8.972533281 6.259695271 6.255914617 6.228229831 6.091060592 6.2674566 6.170653773	3.941104 4.403756 4.20861 4.396311 4.199561 4.061351 4.056113 4.125269	4.242446 4.100116 5.522323 4.885976 4.177772 4.12564 3.959902 4.289367 4.10856	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 3.91997 4.114318 4.120356	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.1228125	6.608338076 9.416267131 6.706077115 6.727338303 6.702930186 6.565304506 6.747443312 6.672578239	-0.4405956 -0.442125361 -0.442125361 -0.446381844 -0.471423686 -0.474700356 -0.475243914 -0.479986713 -0.501924466
PTGDR2 SIGLEC9 CD244 CD1A CXCR7	CD163 CD93 CD294 Siglec-9 CD244 CD1a CXCR7	6.412781525 5.832890014 5.928370323 5.885086225 5.744161096 6.12722055 5.911691582 6.04220656	7.936637939 5.343407822 5.62058641 5.416164165 5.296457407 5.686500527 5.371558863 6.43629512	6.42/941333 10.00842862 6.686500527 6.58345891 6.571373436 6.437960088 6.407692649 6.429615964 6.727920455	8.144658243 11.86611979 8.588714636 8.430452552 8.330916878 8.033423002 7.826548487 8.233619677 8.731319031	6.166212715 8.972533281 6.259695271 6.255914617 6.228229831 6.091060592 6.2674566 6.170653773 6.582107787	3.941104 4.403756 4.20861 4.396311 4.199561 4.061351 4.056113 4.125269 3.978486	4.242446 4.100116 5.522323 4.885976 4.177772 4.12564 3.959902 4.289367 4.10856 7.699756	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 3.91997 4.114318 4.120356 4.813379	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.1228125 4.575389	6.608338076 9.416267131 6.706077115 6.727338303 6.702930186 6.566304506 6.747443312 6.672578239 7.101303696	-0.442125361 -0.44373385 -0.446381844 -0.471423686 -0.474700356 -0.475243914 -0.479986713 -0.501924466 -0.519195909
PTGDR2 SIGLEC9 CD244 CD1A CXCR7 NCR2	CD163 CD93 CD294 Siglec-9 CD244 CD1a CXCR7 CD336	5.832890014 5.928370323 5.885086225 5.744161096 6.12722055 5.911691582 6.04220656 5.719731057	5.343407822 5.62058641 5.416164165 5.296457407 5.686500527 5.371558863 6.43629512 5.244125943	6.427941333 10.00842862 6.686500527 6.58345891 6.571373436 6.437960088 6.407692649 6.429615964 6.727920455 6.369815424	8.144658243 11.86611979 8.588714636 8.430452552 8.330916878 8.033423002 7.826548487 8.233619677 8.731319031 8.661778098	6.166212715 8.972533281 6.259695271 6.259695271 6.25914617 6.228229831 6.091060592 6.2674566 6.170653773 6.582107787 6.044773241	3.941104 4.403756 4.20861 4.396311 4.061351 4.056113 4.125269 3.978486 4.052557	4.242446 4.100116 5.522323 4.885976 4.177772 4.12564 3.959902 4.289367 4.10856 7.699756 3.81855	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 3.91997 4.114318 4.120356 4.813379 4.020342	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534	4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.1228125 4.575389 4.0364495	6.608338076 9.416267131 6.706077115 6.727338303 6.506304506 6.747443312 6.672578239 7.10130596 6.590766619	-0.442125361 -0.442125361 -0.44373385 -0.474381844 -0.471423686 -0.474700356 -0.475243914 -0.479986713 -0.501924466 -0.519195909 -0.545993379
PTGDR2 SIGLEC9 CD244 CD1A CXCR7 NCR2 CD101	CD163 CD93 CD294 Siglec-9 CD244 CD1a CXCR7 CD336 CD101	5.832890014 5.928370323 5.885086225 5.744161096 6.12722055 5.911691582 6.04220656 5.719731057 5.62058641	5.343407822 5.62058641 5.416164165 5.296457407 5.686500527 5.371558863 6.43629512 5.244125943 5.061776198	6.42/941333 10.00842862 6.686500527 6.58345891 6.571373436 6.437960088 6.407692649 6.429615964 6.727920455 6.369815424 6.223036338	8.144658243 11.86611979 8.588714636 8.430452552 8.330916878 8.033423002 7.826548487 8.233619677 8.731319031 8.661778098 7.727920455	6.166212715 8.972533281 6.259695271 6.255914617 6.228229831 6.091060592 6.2674566 6.170653773 6.582107787 6.044773241 5.921811374	3.941104 4.403756 4.20861 4.396311 4.09561 4.061351 4.056113 4.056113 4.125269 3.978486 4.052557 4.939761	4.242446 4.100116 5.522323 4.885976 4.177772 4.12564 3.959902 4.289367 4.10856 7.699756 3.81855 3.792426	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 3.91997 4.114318 4.120356 4.813379 4.020342 3.948043	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 3.867811	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.1228125 4.575389 4.0364495 3.907927	6.608338076 9.416267131 6.706077115 6.727338303 6.702930186 6.566304506 6.747443312 6.672578239 7.101303696 6.590766619 6.469017329	-0.442125361 -0.44373385 -0.446381844 -0.471423686 -0.474700356 -0.475243914 -0.479986713 -0.501924466 -0.519195909 -0.545993379 -0.547205955
PTGDR2 SIGLEC9 CD244 CD1A CXCR7 NCR2 CD101 NOTCH4	CD163 CD93 CD294 Siglec-9 CD244 CD1a CXCR7 CD336 CD101 Notch 4 CD161	5.832890014 5.928370323 5.885086225 5.744161096 6.12722055 5.911691582 6.04220656 5.719731057 5.62058641 7.199672345	5.32637399 5.343407822 5.62058641 5.416164165 5.296457407 5.686500527 5.371558863 6.43629512 5.244125943 5.061776198 6.118941073	6.42/941333 10.00842862 6.686500527 6.58345891 6.437960088 6.407692649 6.429615964 6.429615964 6.727920455 6.369815424 6.223036338 6.727920455	8.144658243 11.86611979 8.588714636 8.430452552 8.330916878 8.033423002 7.826548487 8.233619677 8.731319031 8.661778098 7.727920455 8.618385502	6.166212715 8.972533281 6.259695271 6.255914617 6.255914617 6.28229831 6.091060592 6.2674566 6.170653773 6.582107787 6.044773241 5.921811374 6.9637964	3.941104 4.403756 4.20861 4.396311 4.199561 4.061351 4.056113 4.152569 3.978486 4.052557 4.939761 4.622434	4.242446 4.100116 5.522323 4.885976 4.177772 4.12564 3.959902 4.289367 4.10856 7.699756 3.81855 3.792426 5.450635	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 3.91997 4.114318 4.120356 4.813379 4.020342 3.948043 5.370781	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 3.867811 4.674573	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.2018425 4.228125 4.575389 4.0364495 3.907927 5.022677	6.608338076 9.416267131 6.706077115 6.727338303 6.556304506 6.747443312 6.672578239 7.101303696 6.590766619 9.6459076329 7.525019359	-0.442125361 -0.44373385 -0.446381844 -0.471423686 -0.477243914 -0.479986713 -0.501924466 -0.51919509 -0.545993379 -0.547205955 -0.56122296
PTGDR2 SIGLEC9 CD244 CD1A CXCR7 NCR2 CD101 NOTCH4 KLRB1	CD163 CD93 CD294 Siglec-9 CD244 CD1a CXCR7 CD336 CD101 Notch 4 CD161	5.41276122 5.832890014 5.928370323 5.885086225 5.744161096 6.12722055 5.911691582 6.04220656 5.719731057 5.62058641 7.199672345 5.914086097 6.05239326	7.936637939 5.343407822 5.62058641 5.416164165 5.296457407 5.836500527 5.371558863 6.43629512 5.244125943 5.061776198 6.118941073 5.498250868	6.42/941333 10.00842862 6.686500527 6.58345891 6.571373436 6.437960088 6.407692649 6.429615964 6.2292649 6.229036338 6.223963638 6.223963638	8.144658243 11.86611979 8.588714636 8.588714636 8.430452552 8.30916878 8.033423002 7.826548487 8.233619677 8.731319031 8.661778098 8.618385502 8.614709844	6.166212715 8.972533281 6.259695271 6.255914617 6.228229831 6.091060592 6.2674566 6.170653773 6.582107787 6.044773241 5.921811374 6.9637964 6.268800919	3.941104 4.03756 4.20861 4.396311 4.199561 4.056113 4.125269 3.978486 4.052557 4.939761 4.622434 4.622434	4.24244b 4.100116 5.522323 4.885976 4.17772 4.12564 3.959902 4.289367 4.10856 7.699756 3.81855 3.792426 5.450635 4.299794	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 3.91997 4.114318 4.120356 4.813379 4.020342 3.948043 5.370781 4.305128	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 3.867811 4.674573 4.589612	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.0218425 4.1228125 4.575389 4.0364495 3.007927 5.022677 4.302461	6.608338076 9.416267131 6.706077115 6.727338303 6.702930186 6.747443312 6.672578239 7.101303696 6.59017329 7.5250766619 6.69017329 7.525019359 6.842759159 6.042759159	-0.442125361 -0.44373385 -0.446381844 -0.471423686 -0.474700356 -0.475243914 -0.479986713 -0.501924466 -0.519195909 -0.545993379 -0.547205955 -0.56122296 -0.57395824 -0.57395824
PTGDR2 SIGLEC9 CD244 CD1A CXCR7 NCR2 CD101 NOTCH4 KLRB1 TNFRSF25 TLP4	CD163 CD93 CD294 Siglec-9 CD244 CD1a CXCR7 CD336 CD101 Notch 4 CD161 DR3 CD294	0.41276122 5.832890014 5.928370323 5.885086225 5.744161096 6.12722055 5.911691582 6.04220656 5.719731057 5.62058641 7.199672345 5.914086097 6.055282436 5.96800727	5.343407822 5.6205861 5.416164165 5.296457407 5.866500527 5.371558863 6.43629512 5.244125943 5.061776198 6.118941073 5.498250868 5.517275693	6.427941333 10.00842862 6.686500527 6.53345891 6.571373436 6.437960088 6.437960088 6.429615964 6.227920455 6.369815424 6.227920455 6.23515741 6.61176256 6.7204455 6.7204455 6.7204455 6.7204455 6.7204455 6.7204455 6.7204455 6.7204455 6.7204455 6.7204455 6.7204455 6.7204455 6.7204455 6.7204455 6.720455 6.720455 6.720455 6.720455 6.720455 6.720455 6.720455 6.720455 6.720455 6.720455 6.720455 7.74155 6.740455 6.740455 7.74155 6.740455 7.741557 7.741557 7.741557 7.741557 7.741557 7.741557 7.741557 7.741557 7.741557 7.741557 7.741557 7.741557 7.741557 7.741557 7.741557 7.741557 7.741557 7.741557 7.741577 7.741577 7.74157777777777777777777777777777777777	8.14465224 11.86611979 8.588714636 8.430452552 8.330916878 8.033423002 7.826548487 8.233619677 8.233619677 8.731319031 8.661778098 7.727920455 8.61835502 8.614709844 8.475733431	6.166212715 8.972533281 6.259695271 6.2595914617 6.228229831 6.091060592 6.2674566 6.170653773 6.582107787 6.044773241 5.921811374 6.9637964 6.9637964 6.268800919 6.333522498	3.941104 4.403756 4.20861 4.396511 4.095611 4.056113 4.125269 3.978486 4.052557 4.939761 4.622434 4.259099 4.649553 2.70500	4.24244b 4.100116 5.522323 4.885976 4.177772 4.12564 3.959902 4.289367 4.10856 7.699756 3.81855 3.792426 5.450635 4.299794 4.041884 4.57391	3.558849 4.009881 8.515956 4.079643 4.183466 4.075327 3.91997 4.114318 4.120356 4.813379 4.020342 3.948043 5.370781 4.305128 4.580132 5.087346	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 3.867811 4.674573 4.589612 4.184544 6.320929	4.2242455 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.2128125 4.575389 4.0364495 3.907927 5.022677 4.302461 4.382238 4.40132	6.608338076 9.416267131 6.706077115 6.727338303 6.702930186 6.566304506 6.547443312 6.672578239 7.101303696 6.590766619 6.69077329 7.525019359 6.842759159 6.918426595 6.07145234	0.4403930 0.4437385 0.4437385 0.4437385 0.47470356 0.47470356 0.475243914 0.479986713 0.501924466 0.519195909 0.547205955 0.56122296 0.57395824 0.53490407 0.50492027
PTGDR2 SIGLEC9 CD244 CD1A CXCR7 NCR2 CD101 NOTCH4 KLRB1 TNFRSF25 TLR4 CD38	CD163 CD93 CD294 Siglec-9 CD244 CD1a CXCR7 CD336 CD101 Notch 4 CD161 DR3 CD284 CD284	0.412761525 5.8322800014 5.928370323 5.885086225 5.744161096 6.12722055 5.911691582 6.04220656 5.719731057 5.62058641 7.199672345 5.914086097 6.055282436 5.9548090752 5.6205701	5.92633939 5.43407822 5.62058641 5.416164165 5.296457407 5.686500527 5.371558863 6.43629512 5.244125943 5.061776198 6.118941073 5.498250868 5.517275693 5.65331829	6.42/941333 6.686500527 6.58345891 6.571373436 6.437960088 6.437960088 6.429615964 6.727920455 6.369815424 6.223036338 6.727920455 6.623515741 6.61176226 6.74415866 6.74415866 6.74415866 6.74415866 6.74415866 6.74415866 6.74415866 6.74415865 6.74415	8.14465243 11.86611979 8.588714636 8.430452552 8.330916587 8.330916587 8.233619677 8.731319031 8.661778098 8.618385502 8.618385502 8.614709844 8.475733431 8.8475733431	6.166212715 8.972533281 6.259695271 6.255914617 6.288228831 6.091060592 6.2674566 6.170653773 6.582107787 6.044773241 5.921811374 6.9637964 6.335222488 6.381253309 6.335222488	3.941104 4.03756 4.20861 4.396311 4.199561 4.056113 4.125269 3.978486 4.052557 4.939761 4.622434 4.252999 4.649553 3.795899	4.24244b 4.100116 5.522323 4.885976 4.177772 4.12564 3.959902 4.289367 4.10856 7.699756 3.81855 3.792426 5.459035 4.299794 4.041884 3.57381	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 4.114318 4.120356 4.813379 4.020342 3.948043 5.370781 4.305128 4.305128 4.305128 5.300781	6.061314 4.339416 8.668515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 3.867811 4.674573 4.589612 4.184544 6.339838 4.132455	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.2018425 4.2018425 4.2018425 3.907927 5.022677 4.302461 4.382338 4.440122	6.608338076 9.416267131 6.706077115 6.727338303 6.702930186 6.56304506 6.747443312 6.672578239 7.101303696 6.590766619 6.46907329 7.525019359 6.842759159 6.942759159 6.973165345 6.673165345	0.4412125361 0.4437385 0.4437385 0.471423686 0.471420365 0.475243914 0.479986713 0.501924466 0.51919509 0.545993379 0.5422296 0.57395824 0.5422296 0.5422296 0.5422296 0.5422296 0.5422296 0.5422296 0.5422296 0.5422296 0.5422296 0.5422296 0.5422296 0.5422296 0.5422296 0.5422296 0.5422296 0.5422296 0.5422296 0.54256 0.542296 0.5426 0.54256 0.54256 0.54
PTGDR2 SIGLEC9 CD244 CD1A CXCR7 NCR2 CD101 NOTCH4 KLRB1 TNFRSF25 TLR4 CD28 GP1PA	CD163 CD93 CD294 Siglec-9 CD244 CD1a CXCR7 CD336 CD101 Notch 4 CD161 DR3 CD284 CD284 CD284 CD284 CD285	0.412761525 5.832890014 5.928370323 5.885086225 5.744161096 6.12722055 5.911691582 6.04220656 5.719731057 5.62058641 7.199672345 5.914086097 5.055282436 5.968090752 5.66096791 6	7.93637939 5.43407825 5.62058641 5.416164165 5.296457407 5.371558863 6.43629512 5.244125943 5.061776198 6.118941073 5.498250868 5.517275693 5.655351829 5.125155131	6.42/941333 10.00842862 6.686500527 6.53845891 6.437960088 6.437960088 6.429615964 6.727920455 6.369815424 6.223036388 6.727920455 6.623515741 6.61176256 6.794413866 6.42451574	8.14465243 11.86611979 8.588714636 8.3309165878 8.3309165878 8.3309165878 8.233619677 8.731319031 8.661778098 8.618385502 8.618385502 8.618385502 8.618385502 8.614709844 8.475733431 8.882643049 8.4136279296	6.166212715 8.972533281 6.259695271 6.255914617 6.228229831 6.091060592 6.2674566 6.170653773 6.582107787 6.044773241 5.921811374 6.9637964 6.9637964 6.9637964 6.383253309 6.028674718 6.1333937	3.941104 4.403756 4.20861 4.396311 4.09561 4.056113 4.056113 4.052557 4.939761 4.622434 4.259099 4.649553 3.795899 4.109956	4.24244b 4.100116 5.522323 4.885976 4.177772 4.12564 3.959902 4.289367 4.10856 3.81855 3.792426 5.450635 4.299794 4.041884 3.57381 4.005104 4.211627	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 3.91997 4.114318 4.120356 4.120356 4.120354 4.120354 4.120354 4.120354 4.120354 3.3948043 5.370781 4.305128 4.305128 5.584345 5.084345 4.021905 5.084345 4.0219074	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 3.867811 4.674573 4.589612 4.184544 6.339838 4.132425	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.2018425 4.228125 4.0364495 3.907927 5.022677 4.302461 4.382338 4.440122 4.0709305 4.100557	6.608338076 9.416267131 6.706077115 6.727338303 6.7223930186 6.566304506 6.5747443312 6.672578239 7.101303696 6.590766619 6.469017329 7.525019359 6.442759159 6.918426595 6.973165345 6.62243045 6.727826	0.44403300 0.44437385 0.44437385 0.445381844 0.47142368 0.47740356 0.475243914 0.475243914 0.475243914 0.51919500 0.54191590379 0.547205955 0.56122296 0.57395824 0.554904097 0.591912036 0.595555733 0.596555733 0.596555733
PTGDR2 SIGLEC9 CD244 CD1A CXCR7 NCR2 CD101 NOTCH4 KLRB1 TNFRSF25 TLR4 CD28 GP1BA II 2PA	CD163 CD93 CD294 Siglec-9 CD244 CD1a CXCR7 CD336 CD101 Notch 4 CD161 DR3 CD284 CD28 CD284 CD28 CD25	0.41276122 5.832890014 5.928370323 5.885086225 5.744161096 6.12722055 5.911691582 6.04220656 5.719731057 5.62058641 7.199672345 5.914086097 6.055282436 5.968090752 5.64096791 6 5.7532746	7.936637939 5.43407822 5.62058624 5.620586457407 5.86850057 5.86850057 5.86457407 5.86850057 5.86457407 5.86850057 5.848125943 5.244125943 5.498250868 5.517275693 5.655351829 5.655351829 5.655351829	6.42/941333 10.00842862 6.686500527 6.58345891 6.571373436 6.437960088 6.407692649 6.429615964 6.223036338 6.727920455 6.369815424 6.223036338 6.727920455 6.739415826 6.739415826 6.412781525 6.26786541 6.341562000	8.14465243 11.86611979 8.588714636 8.330916878 8.330916878 8.333423002 7.826548487 8.233619677 8.731319031 8.661778098 7.727920455 8.614709844 8.475733431 8.86243049 8.413627929 7.77478706	6.166212715 8.972533281 6.259695271 6.255914617 6.258228831 6.091060592 6.2674566 6.170653773 6.582107787 6.582107787 6.582107787 6.542773241 5.921811374 6.9637964 6.3631253309 6.381253309 6.026874718 6.03532727	3.941104 4.403756 4.20861 4.396311 4.199561 4.061351 4.056113 4.125269 3.978486 4.052557 4.939761 4.622434 4.259099 4.649553 3.735899 4.109956 4.20864 2.90864	4.24244b 4.100116 5.522323 4.885976 4.177772 4.12564 3.959902 4.289367 4.10856 7.699756 3.81855 3.792426 5.450635 4.299794 4.041884 3.57381 4.005104 4.211627 4.127846	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 4.114318 4.120356 4.813379 4.020342 3.948043 3.348043 5.370781 4.305128 4.305128 4.305128 4.305128 4.305128 4.3190474 4.190474 4.190474	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 3.867811 4.674573 4.589612 4.184544 6.339838 4.132425 4.143558	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.228125 4.228125 4.275389 4.0364495 3.907927 5.022677 4.302461 4.382338 4.440122 4.0709305 4.199557 4.199557	6.608338076 9.416267131 6.702077115 6.727338303 6.702930186 6.556304506 6.747443312 6.672578239 7.101303696 6.590766619 6.469017329 7.525019359 6.84279159 6.918426595 6.973165345 6.62343045 6.674527826 6.674527826	0.44039300 0.442323561 0.4437385 0.4437385 0.47142368 0.47740356 0.477400356 0.475243914 0.479986713 0.501924466 0.519195809 0.5459937 0.54720595 0.56122296 0.5737395824 0.584904097 0.591912035 0.56128498 0.56555733 0.611884989 0.613447204
PTGDR2 SIGLEC9 CD244 CD1A CXCR7 NCR2 CD101 NOTCH4 KLRB1 TNFRSF25 TLR4 CD28 GP1BA IL2RA DL14	CD163 CD93 CD294 Siglec-9 CD244 CD1a CXCR7 CD336 CD101 Notch 4 CD161 DR3 CD284 CD284 CD28 CD42b CD25 DL14	0.41276122 5.832890014 5.928370323 5.885086225 5.744161096 6.12722055 5.911691582 6.04220656 5.71931057 5.62058641 7.199672345 5.614086097 6.055282436 5.964096791 6.5765534746 6.118041072	2	6.42/941333 10.00842862 6.686500527 6.58345891 6.571373436 6.437960088 6.407692649 6.429920455 6.369815424 6.727920455 6.629315741 6.61176256 6.72415866 6.412781525 6.266786541 6.341630009 9.172473750	8.14465243 11.86611979 8.588714636 8.430452552 8.330916878 8.033423002 7.826548487 8.233619677 8.731319031 8.661778098 7.727920455 8.618385502 8.614709844 8.475733431 8.882643049 8.413627929 7.77478706 8.049848549 7.876516447	6.166212715 8.972533281 6.259695271 6.255914617 6.228229831 6.091060592 6.2674566 6.170653773 6.582107787 6.044773241 5.921811374 6.9637964 6.9637964 6.333522498 6.333522498 6.333522498 6.333522498 6.33353278	3.941104 4.403756 4.20861 4.396311 4.061351 4.056113 4.125269 3.978486 4.052557 4.939761 4.622434 4.259099 4.649553 3.795899 4.109956 4.20864 3.336676 6.146426	4.24244b 4.100116 5.522323 4.885976 4.177772 4.12564 3.959902 4.289367 4.10856 7.699756 3.81855 3.792426 5.450635 4.299794 4.041884 3.57381 4.005104 4.211627 4.127846 6.164374	3.958849 4.009881 8.515956 4.07563 4.183466 4.075327 4.114318 4.120356 4.813379 4.020342 3.948043 5.370781 4.305128 4.30	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 3.667811 4.674573 4.589612 4.184544 6.339838 4.132425 4.143558 4.103869 5.807006	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.2018425 4.2018425 4.2018425 4.0364495 3.907927 5.022677 4.302461 4.382338 4.440122 4.0709305 4.199557 4.1158575 6.092785	6.608338076 9.416267131 6.706077115 6.727338303 6.702930186 6.566304506 6.747443312 6.672578239 7.101303696 6.5907329 7.5250766519 6.6459017329 6.642759159 6.918426595 6.973165345 6.62343045 6.7427826 6.665989772 8.536770348	0.4412125361 0.4437385 0.4437385 0.4437385 0.471423686 0.471420365 0.475243914 0.479986713 0.501924466 0.501924466 0.5019259 0.56122296 0.56122296 0.56122296 0.56122296 0.561255733 0.611884989 0.612407394 0.61240739 0.6124073 0.61240739 0.6124073 0
PTGDR2 SIGLEC9 CD244 CD1A CXCR7 NCR2 CD101 NOTCH4 KLRB1 TNFR5F25 TLR4 GP1BA IL2RA DLL4 NOTCH3	CD163 CD294 Siglec-9 CD244 CD1a CC244 CD1a CC336 CD101 Notch 4 CD161 DR3 CD284 CD28 CD284 CD28 CD225 DL14 Notch3	0.41276122 5.832890014 5.928370223 5.885086225 5.744161096 6.12722055 5.911691582 6.04220656 5.719731057 5.62058641 7.199672345 5.94096791 6 5.765534746 6.118941073 5.75213368	7.936337939 5.343407822 5.62058641 5.416164165 5.296457407 5.686500527 5.371558863 6.43629512 5.244125943 5.061776198 6.118941073 5.498250868 5.517275693 5.65351829 5.65551829 5.55551829 5.555581829 5.55551829 5.55551829 5.55551829 5.55551829 5.55551829 5.55551829 5.55551829 5.55551829 5.55551829 5.55551829 5.55551829 5.55551829 5.55551829 5.5555829 5.5555829 5.5555829 5.5555829 5.5555829 5.5555829 5.5555829 5.5555829 5.5555829 5.5555829 5.5555829 5.555585829 5.555585858 5.555585858 5.555585858 5.555585858 5.555585858 5.5555858 5.555585858 5.555585858 5.5555858 5.5555858 5.5555858 5.5555858 5.555585858 5.5555858 5.555585858 5.555585858 5.555585858 5.555585858 5.555585858 5.555585858	6.42/941333 10.00842862 6.666500527 6.58345891 6.437960088 6.407692649 6.429615964 6.29215964 6.29215964 6.23915424 6.23036338 6.727920455 6.623515741 6.61176256 6.47418566 6.412781525 6.266786541 6.341630009 9.172427509 9.172427509	8.14465243 11.86611979 8.588714636 8.330916878 8.330916878 8.333423002 7.826548487 8.233619677 8.731319031 8.661778098 7.727920455 8.61845502 8.614709844 8.475733431 8.882643049 8.413627929 7.77478706 8.0498448549 7.876516947	6.166212715 8.972533281 6.259695271 6.2589695271 6.25892831 6.091060592 6.2674566 6.170653773 6.58210787 6.58210787 6.044773241 5.921811374 6.9637964 6.268800919 6.331253309 6.026874718 6.13339327 6.053582378 7.926888435 6.10061558	3.941104 4.403756 4.20861 4.396311 4.09561 4.061351 4.056113 4.055613 4.052557 4.939761 4.622434 4.622434 4.259099 4.649553 3.795899 4.109956 4.20864 3.936676 6.146436	4.242446 4.100116 5.522323 4.85976 4.177772 4.12564 3.959902 4.289367 4.10856 7.699756 3.81855 3.792426 5.450635 4.299794 4.005104 4.211627 4.127846 6.164374 4.16731	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 4.114318 4.120356 4.813379 4.020342 3.948043 5.370781 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.319057 4.190474 4.196398 6.041134 4.157472	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 4.3877811 4.674573 4.589612 4.184544 6.339838 4.132425 4.143558 4.103869 5.897096 5.973566	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.2018425 4.2228125 4.575389 4.0364495 3.907927 5.022677 4.302461 4.382338 4.040122 4.0709305 4.1198575 6.093785 6.093785	6.608338076 9.416267131 6.706077115 6.727338303 6.702930186 6.566304506 6.547443312 6.672578239 7.101303696 6.590766619 6.469017329 7.525019359 6.842795159 6.918426595 6.973165345 6.622343045 6.74527826 6.66598772 8.539679348 6.71593041	0.444039300 0.44437385 0.44437385 0.44437385 0.47142368 0.47740356 0.47740356 0.475243914 0.479986713 0.501925406 0.531915500 0.54720593379 0.547205955 0.56122260 0.57395824 0.534904077 0.591912036 0.61284903 0.612840913 0.612780913 0.612780913 0.612780913
PTGDR2 SIGLEC9 CD244 CD1A CXCR7 NCR2 CD101 NOTCH4 NOTCH4 KLR81 TNFRSF25 TLR4 CD28 GP1BA IL2RA DLL4 NOTCH3 CD207	CD163 CD93 CD294 Siglec-9 CD244 CD1a CXCR7 CD336 CD101 Notch 4 CD161 DR3 CD284 CD284 CD284 CD284 CD284 CD25 DLL4 Notch3	0.41276122 5.832890014 5.928370223 5.885086225 5.744161096 6.12722055 5.911691582 6.04220656 5.719731057 5.62058641 7.199672345 5.914086097 6.055282436 5.64096791 6 5.765534746 6.118841073 5.722213368 5.720339956	2.936637939 5.343407822 5.62058641 5.416164165 5.296457407 5.686500527 5.371558863 6.43629512 5.244125943 6.41829512 5.061776198 6.118941073 5.488250868 6.118941073 5.51275593 5.55127155131 5.807354922 5.222781749 5.125155131 5.807354922 5.222781749 5.326283388 5.30724825	6.42/941333 10.00842862 6.686500527 6.58345891 6.571373436 6.437960088 6.43796008 6.427920455 6.369815424 6.727920455 6.629815424 6.223036338 6.727920455 6.623515741 6.61176256 6.412281525 6.6412781527 6.64127857 6.6412785757 6.6412785757 6.6412785757 6.64127857575757575757	8.14465243 11.86611979 8.588714636 8.430452552 8.330916878 8.033423002 7.826544887 8.233619677 8.618385502 8.614708948 8.4152732431 8.842543049 7.77478706 8.044948549 7.7876516947 8.74819285	6.166212715 8.972533281 6.259695271 6.255914617 6.225914617 6.225914617 6.2674566 6.170653773 6.044773241 5.921811374 6.9637964 6.33522498 6.33125309 6.032674718 6.13339327 6.03582378 7.925882435 6.10061558	3.941104 4.403756 4.20861 4.396311 4.199561 4.061351 4.056113 4.125269 3.978486 4.052557 4.939761 4.622434 4.259099 4.649553 3.795899 4.109956 4.20864 3.936676 6.146436 4.16824 4.97743	4.242446 4.100116 5.522323 4.885976 4.177772 4.12564 3.959902 4.289367 4.10856 7.699756 3.81855 3.792426 5.450635 4.299794 4.041884 3.57381 4.005104 4.211627 4.127846 6.164374 4.167031 4.11484	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 4.114318 4.120356 4.813379 4.020342 3.948043 3.948043 3.948043 3.948043 3.948043 3.948043 3.948043 4.35128 4.350128 4.365128 4.031005 4.196398 6.041134 4.157472 4.157472	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 3.867811 4.674573 4.589612 4.184544 6.339838 4.132425 4.143558 4.103869 5.897096 5.897096	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.1228125 4.1228125 4.1228125 4.1228125 4.0364495 3.907927 5.022677 4.302461 4.382338 4.440122 4.0709305 4.199557 5.6093785 4.1676355 5.6093785 4.1676355	6.608338076 9.416267131 6.702077115 6.727338303 6.702930186 6.556304506 6.747443312 6.67278239 7.101303696 6.590766619 6.642077329 7.525019359 6.842759159 6.918426595 6.673165345 6.62543045 6.625989772 8.533679348 6.715039041 6.68487831	0.44039300 0.4437385 0.4437385 0.4437386 0.471423686 0.471420366 0.475243914 0.479986713 0.501924466 0.519192466 0.519192466 0.54599379 0.54720595 0.5452256 0.5452256 0.557395824 0.549404097 0.5591912036 0.511884989 0.612407394 0.612407394 0.612470739
PTGDR2 SIGLEC9 CD244 CD14 CCR7 NCR2 CD101 NOTCH4 KLRB1 TNFR5F25 TLR4 GP1BA IL2RA DLL4 NOTCH3 CD207 FGFR4	CD163 CD294 Siglec-9 CD244 CD1a CXCR7 CD336 CD101 Notch 4 CD161 DR3 CD284 CD28 CD28 CD28 CD28 CD25 DL4 Notch3 CD207 CD374	6.41276122 5.832890014 5.928370323 5.885086225 5.7474161096 6.12722055 5.911691582 6.04220656 5.719731057 5.62058641 7.199672345 5.914086097 6.055282436 5.958090752 5.64096791 6 5.765534746 6.118941073 6 5.752213368 5.730639956 7.14974712	7.93637939 5.343407822 5.62058641 5.42058641 5.42058645 5.296457407 5.866500527 5.371558863 6.43629512 5.244125943 5.061776198 5.112841073 5.498250868 5.517275693 5.517275693 5.653531829 5.125155131 5.807354922 5.292781749 7.97727923 5.336283388 5.307428525 6.28166875	6.42/94133 10.00842862 6.686500527 6.581345891 6.571373436 6.477960088 6.407692649 6.429615964 6.727920455 6.369815424 6.23915944 6.727920455 6.623515741 6.6176256 6.427281525 6.266786541 6.341630009 9.172427509 9.172427509 9.172427509 6.4299171094 6.399171094 6.399171094	8.14465243 11.86611979 8.588714636 8.330916678 8.330916678 8.333423002 7.826548487 8.233619677 8.731319031 8.661778098 7.727920455 8.618385502 8.614709844 8.475733431 8.882643049 8.413627929 7.77478706 8.049848549 7.876516947 7.876516947 7.876516947 7.876516947 7.876516947 7.876516947 7.876516947 7.876516947 7.876516947 7.876516947 7.876516947 7.876516947 7.876516947 7.876516947 7.876516947 7.876516947 7.912882326	6.166212715 8.972533281 6.259695271 6.255914617 6.228229831 6.091060592 6.2674566 6.170653773 6.582107787 6.582107787 6.044773241 5.921811374 6.9637964 6.9637964 6.9637964 6.383253309 6.026874718 6.13339327 6.053582378 7.926898435 6.100061558 6.064905525 6.074911911	3.941104 4.403756 4.20861 4.396311 4.199561 4.061351 4.056113 4.125269 3.978486 4.052557 4.939761 4.622434 4.259099 4.649553 3.795899 4.109956 4.20864 3.936676 6.146436 4.16824 4.907643 5.394185	4.242446 4.100116 5.522323 4.85976 4.177772 4.12564 3.959902 4.289367 4.10856 7.699756 3.81855 3.792426 5.450635 4.299794 4.041884 3.57381 4.005104 4.211627 4.127846 6.164374 4.167731 4.111484 5.010754	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 4.114318 4.120356 4.813379 4.020342 3.948043 5.370781 4.305128 4.305728 4.3057472 4.305747472 4.305747477477477477477477477477477477747747	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 3.867811 4.674573 4.589612 4.184544 6.339838 4.132425 4.143558 4.103869 5.897096 5.897096 5.973596 3.99579	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.02647 4.0364495 3.907927 5.022677 4.302461 4.382338 4.440122 4.0709305 4.199557 4.1158575 6.093785 4.1355905 4.1355905	6.608338076 9.416267131 6.706077115 6.727338303 6.722930186 6.566304506 6.59747443312 6.672578239 7.101303696 6.590766619 6.469017329 7.525019359 6.442759159 6.918426595 6.973165345 6.62243045 6.7427826 6.665989772 8.5395079348 6.715039041 6.684682831 7.34004778	0.44403400 0.44427385 0.44437385 0.44437385 0.47142368 0.47740356 0.475243914 0.475243914 0.475243914 0.475243914 0.51919500 0.54793379 0.547205955 0.55122296 0.57395824 0.55122395 0.5512239 0.5122395 0.5124395 0.512445 0.5124395 0.512445 0.51245 0.5125
PTGDR2 SIGLEC9 CD244 CD14 CXCR7 NCR2 CD101 NNTCH4 KLRB1 TNFR5F25 TLR4 CD28 GP1BA IL2R4 DLR4 NCTCH3 CD207 FGFR4 NCR1	CD163 CD294 Siglec-9 CD244 CD1a CXCR7 CD336 CD101 Notch 4 CD161 DR3 CD284 CD284 CD284 CD284 CD284 CD28 CD42b CD25 DLL4 Notch3 CD207 CD334 CD335	0.41/20126 532280014 5.92837032 5.88508622 5.744161096 6.12722055 5.911691582 6.04220556 5.719731057 5.62058641 7.19972345 5.94086097 6.055282436 6.18941073 5.765534746 6.118941073 5.755213368 5.73023995 7.14974712 5.73023956 7.14974712	2.936637939 5.343407822 5.62058641 5.416164165 5.296457407 5.686500527 5.371558863 5.49829512 5.44125943 6.4136941073 5.498250868 5.498250868 5.512725693 5.655351829 5.125155131 5.807354922 5.292781749 7.977279923 5.336283388 5.307428252 6.28169825 5.221015401	6.42/941343 10.00842862 6.686500527 6.58345891 6.57137436 6.437960088 6.407692649 6.429615964 6.22920455 6.629815424 6.2230455 6.623315741 6.61176256 6.412781525 6.262785541 6.341630009 9.172427509 6.43971094 6.399171094 6.399171094	8.14465243 11.86611979 8.588714636 8.430452552 8.330916878 8.033423002 7.826544887 8.233619677 8.731319031 8.661778098 8.618385502 8.61478984 8.475733431 8.82643049 7.876516947 8.74819285 8.044394119 7.807354929	6.166212715 8.972533281 6.259695271 6.255914617 6.228229831 6.091060592 6.2674566 6.170653773 6.04773241 5.921811374 6.9637964 6.268800919 6.33522498 6.33125309 6.33522498 6.33125309 6.026874718 6.13339327 6.05582378 7.926898435 6.10061558 6.10061558	3.941104 4.403756 4.20861 4.396311 4.99561 4.061351 4.056113 4.125269 3.978486 4.052557 4.939761 4.622434 4.25099 4.649553 3.795899 4.109956 4.20864 3.936676 6.146436 4.16824 4.907643 5.399185	4.242446 4.100116 5.522323 4.85976 4.177772 4.12564 3.959902 4.289367 4.10856 7.699756 3.81855 3.792426 5.4590754 4.041884 4.005104 4.211627 4.1217846 6.164374 4.167031 4.111484 5.010754	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 4.114318 4.120356 4.813379 4.020342 3.948043 5.370781 4.305128 4.305528 4.3055558 4.305558448 4.305558444075584440565844405656656666666666666666666	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 3.867811 4.674573 4.589612 4.184544 6.339838 4.132425 4.143558 4.133889 5.897096 5.973596 5.973596 5.973596	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.1228125 4.228125 4.228125 4.2384495 3.3907927 5.022677 4.302461 4.382338 4.440122 4.0709305 4.199557 6.093785 4.1676355 4.1676355 4.1676355 4.227484	6.608338076 9.416267131 6.702077115 6.727338303 6.702930186 6.566304506 6.747443312 6.672578239 7.101303696 6.590766619 9.6469017329 7.525019359 6.914426595 6.973165345 6.62343045 6.62343045 6.62343045 6.62343045 8.539679348 6.715039041 6.684682831 7.34004778 6.5764251	0.44403930 0.44437385 0.44437385 0.445381844 0.47142368 0.47740356 0.475243914 0.479986713 0.501924466 0.531919500 0.545993379 0.545993379 0.545993379 0.54599379 0.54599379 0.54599379 0.5412926 0.57395824 0.5612870 0.518490400 0.61247043 0.612780913 0.614977430 0.614977430 0.614977436
PTGDR2 SIGLEC9 CD244 CD1A CXCR7 NCR2 CD101 NOTCH4 KLRB1 TNFRSF25 TLR4 CD28 GP1BA LL2RA DLL4 NOTCH3 CD207 FGFR4 NCR1 SC127	CD163 CD93 CD294 Siglec-9 CD244 CD1a CXCR7 CD336 CD101 Notch 4 CD161 DR3 CD284 CD284 CD284 CD284 CD284 CD284 CD284 CD284 CD284 CD284 CD25 DLL4 Notch3 CD207 CD334 CD335 CD135	0.41/2/01/20 5.832280/014 5.928370123 5.882068025 5.94161096 6.012720055 5.911691582 6.04220055 5.911691582 6.04220055 5.911091582 5.914086097 6.05528047 5.560809731 6 5.752013368 5.730406791 6 5.752213368 5.730439956 7.14974712 5.617651119 5.617651119	2.93637939 5.343407822 5.62058641 5.416164165 5.296457407 5.686500527 5.371558863 6.43629512 5.244125943 5.061776198 6.0118941073 5.498250868 5.517275693 5.65351829 5.12515131 5.807354922 5.327279923 5.36283388 5.307428525 6.28169825 5.121015401	6.42/941333 10.00842862 6.686500527 6.58345891 6.571373436 6.437960088 6.407692649 6.429615964 6.727920455 6.369815424 6.727920455 6.629315741 6.61176256 6.72415866 6.412781525 6.266786541 6.341630009 9.172427509 6.447909749 6.399171094 6.289096702 6.289096702 6.264911693	8.14465243 11.86611979 8.588714636 8.430452552 8.330916878 8.033423002 7.826544887 8.233619677 8.731319031 8.661778098 7.727920455 8.618385502 8.614709844 8.41502792 8.614709848549 8.41502792 8.614708448549 8.41502792 8.61430249 8.41502792 8.61430249 8.41502792 8.61430249 8.41502792 8.61430249 8.41502792 8.61430249 8.73747876 8.044394119 7.912889336 7.807354922 8.5545388852	6.166212715 8.972533281 6.259695271 6.255914617 6.258219831 6.091060592 6.2674566 6.170653773 6.582107787 6.044773241 5.921811374 6.05837964 6.05837964 6.333522498 6.333522498 6.333522498 6.333522498 6.13339327 6.053582378 6.100061558 6.100061558 6.0749421911 5.941281406 6.239268753	3.941104 4.403756 4.20861 4.396311 4.199561 4.0561351 4.0561351 4.052157 4.939761 4.622434 4.259099 4.649553 3.735899 4.109956 4.20864 3.936676 6.146436 4.16824 4.907643 5.399185 3.975191	4.24244b 4.100116 5.522323 4.885976 4.177772 4.12564 3.959902 4.289367 4.10856 7.699756 3.81855 3.792426 5.450635 4.299794 4.041884 3.57381 4.005104 4.211627 4.127846 6.164374 4.167031 4.111484 5.010754 3.840782 4.290975	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 4.114318 4.120356 4.813379 4.020342 3.948043 3.5370781 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.319057 4.196398 6.041134 4.157472 4.159697 4.644076 4.065777 4.644076 4.065777	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 3.867811 4.674573 4.589612 4.184544 4.339838 4.132425 4.143558 4.13358 3.99579 3.99579 4.545895 4.227058 4.2316615	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.1228125 4.1228125 4.1228125 4.0364495 5.022677 4.302461 4.382338 4.440122 4.0709305 4.199557 4.1158575 4.1676355 4.1676355 4.1355905 4.827415 4.020484 4.348607	6.608338076 9.416267131 6.706077115 6.727338303 6.702930186 6.566304506 6.747443312 6.672578239 7.101303696 6.5907329 7.5250766519 6.6450017329 7.525019359 6.842759159 6.918426595 6.973165345 6.62343045 6.7427826 6.665989772 8.539679348 6.715039041 6.684682831 7.34004778 6.57564251 6.8684684507	0.441033930 0.4437385 0.4437385 0.4437385 0.47142368 0.47740356 0.475243914 0.475243914 0.51919509 0.547993379 0.547205955 0.55192236 0.55393379 0.547205955 0.551912036 0.5395524 0.554904097 0.519112036 0.612407394 0.612470391 0.614977433 0.611977730 0.620625869 0.620625869 0.620625869 0.620625869 0.634361104 0.6434361104 0.6434361104 0.6434361104 0.6434361104 0.6434361104 0.6434361104 0.6434361104 0.6434361104 0.6434361104 0.6434361104 0.6434361104 0.6434361104 0.6434361104 0.6434361104 0.6434361104 0.647199966 0.6434361104 0.643451104 0.643451104 0.643451104 0.643451104 0.643451104 0.643451104 0.643451104 0.643451104 0.643451104 0.643451104 0.643451104 0.643451104 0.643451104 0.643451104 0.643451104 0.64447104 0.6447104 0.6447104 0.6447104 0.6447104 0.6447104 0.6447104 0.6447104 0.6447104 0.6447104 0.6447104 0.6447104 0.6447104 0.6447104 0.6447104 0.6447104 0.6447104000000000000000000000000000000000
PTGDR2 SIGLEC9 CD244 CD1A CXCR7 NCR2 CD201 NOTCH4 KLRB1 TNFR5F25 TLR4 CD28 GP1BA LL2RA DLL4 NOTCH3 CD207 FGFR4 NCR1 FGFR4 NCR1 FLT3 TLR6	CD163 CD294 Siglec-9 CD244 CD1a CXCR7 CD336 CD101 Notch 4 CD161 DR3 CD284 CD28 CD28 CD28 CD25 DL14 Notch3 CD207 CD334 CD35 CD135 CD135 CD135 CD286	0.41/2/01/26 5.83/28/001/4 5.928370323 5.85068/25 5.941461096 6.12722055 5.911691552 5.911691552 5.911691552 5.910680077 5.62058641 7.19967245 5.940800771 6.055282436 5.9408060791 6.575534746 6.118941073 5.752213186 5.73639956 7.14974712 5.64096791 5.73213186 5.73639956 7.14974712 5.64086324 5.730639956	7.936337939 5.343407822 5.62058641 5.416164165 5.296657407 5.686500527 5.371558863 6.43629512 5.44125943 5.61776198 6.118941073 5.498250868 5.517275693 5.655351829 5.655351829 5.352515131 5.807354922 5.336283188 5.307428525 6.28169825 5.1211015401 5.53488885 5.31816841	6.42/941333 10.00842862 6.686500527 6.58345891 6.571373436 6.437960088 6.407692649 6.429615964 6.727920455 6.369815424 6.22920455 6.623515741 6.61776256 6.4223036338 6.727920455 6.623515741 6.61776256 6.4272781256 6.42709749 6.3698178049 6.389171094 6.38907709 6.32907709 7.32907709 7.32907709 7.32907709 7.32907709 7.32907709 7.32907709 7.32907709 7.32907709 7.32907709 7.32907709 7.32907709 7.32907709 7.32907709 7.32907709 7.32907709 7.3290709 7.3290770709 7.32907709 7.329077070709 7.32907707070707070707070707070707070707070	8.14465243 11.86611979 8.588714636 8.330916678 8.330916678 8.333423002 7.826548487 8.233619677 8.731319031 8.661778098 7.727920455 8.618385502 8.614709844 8.475733431 8.882643049 8.413627929 7.77478706 8.049848549 7.876516947 7.876516947 7.912889336 7.912889336 7.807354922 8.57454288	6.166212715 8.972533281 6.259695271 6.255914617 6.228229831 6.091060592 6.2674566 6.170653773 6.582107787 6.044773241 5.921811374 6.9637964 6.9637964 6.9637964 6.383253309 6.026874718 6.13339377 6.053582378 7.926898435 6.100061558 6.064905525 6.0749421911 5.941281406 6.239268336 6.161941149	3.941104 4.403756 4.20861 4.396311 4.09561 4.061351 4.056113 4.055613 4.052557 4.939761 4.622434 4.622434 4.259099 4.649553 3.795899 4.109956 4.20864 3.936676 6.146436 4.16824 4.907643 3.99185 3.3975191 4.380589	4.242446 4.100116 5.522323 4.85976 4.177772 4.12564 3.959902 4.289367 4.10856 7.699756 3.81855 3.792426 5.450635 4.299794 4.041884 4.005104 4.211627 4.127846 6.164374 4.167031 4.111484 5.010754 3.840782 4.290975	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 4.114318 4.120356 4.813379 4.020342 3.948043 5.370781 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.319057 4.196939 6.041134 4.1956398 6.041134 4.1956398 6.041134 4.1956398 6.041134 4.1956398 6.041134 4.1956398 6.041134 4.1956398 6.041134 4.1956398 6.041134 4.1956398 6.041134 4.1956398 6.041134 4.1956398 6.041134 4.1956398 6.041134 4.1956398 6.041134 4.1956398 6.041134 4.1956398 6.041134 4.1956398 6.041134 4.1956398 6.041134 4.19563777 4.2423796 4.044076 4.0445564.044556 4.044556 4.044556 4.0445564.044556 4.044556 4.0445564.04556 4.044556 4.0445564.04556 4.0445564.04556 4.0445564.04556 4.045564.04556 4.045564.04556 4.0445564.04556 4.0445564.04556 4.0445564.04556 4.0445564.04556 4.0445564.04556 4.045564.04556 4.045564.04556 4.045564.04556 4.045564.04556 4.045564.04556 4.045564.04556 4.045564.04556 4.045564.04556 4.045564.04556 4.045564.04556 4.045564.04556 4.045564.04556 4.045564.04556 4.045564.04556 4.045564.04566 4.045564.04556 4.045564.04556 4.045564.04556 4.045564.04556 4.045664.04566 4.045664.04566 4.045664.04566 4.045664.04566 4.045664.04566 4.045664.04566 4.045664.04566 4.045664.04566 4.045664.04566 4.0456664.04566 4.04566666666666666666666666666666666666	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 4.374573 4.3867811 4.674573 4.589612 4.139838 4.139838 4.132425 4.143558 4.133859 5.897096 3.99579 4.545895 4.227058 4.316615	4.2242455 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.01062265 4.2018425 4.202842 4.575389 4.0364495 3.907927 5.022677 4.302461 4.382338 4.0364495 3.907927 5.022677 4.302461 4.382338 4.440122 4.0709305 4.1158575 6.093785 4.1355905	6.608338076 9.416267131 6.706077115 6.727338303 6.702930186 6.566304506 6.547443312 6.672578239 7.101303696 6.590766619 6.469017329 7.525019359 6.842795159 6.93165345 6.67343045 6.67243045 6.67243045 6.67243045 8.539679348 6.715039041 6.684682831 7.34004778 6.57564251 6.886468502 6.886468502	0.44003030 0.442123361 0.4437385 0.4437385 0.47142368 0.47142368 0.477470356 0.475243914 0.475243914 0.519195900 0.5472059379 0.5472059379 0.547205955 0.56122260 0.57395824 0.53795824 0.5184904097 0.51184904097 0.612780913 0.612780913 0.612780913 0.612780913 0.614977483 0.614977483 0.63457140 0.634536104 0.634536104 0.634536104 0.634536104
PTGDR2 SIGLEC9 CD244 CD14 CCD4 CC101 NCR2 CD101 NOTCH4 KLRB1 TNFRSF25 TLR4 CD28 GP1BA IL2RA DLL R4 CD207 FGFR4 NCR1 FLT3 TLR6 SELP	CD163 CD294 Siglec-9 CD244 CD1a CXCR7 CD336 CD101 Notch 4 CD161 DR3 CD284 CD284 CD284 CD284 CD284 CD28 CD285 DLL4 Notch3 CD207 CD334 CD335 CD135 CD286 CD286 CD286 CD286 CD286 CD335 CD135 CD286 CD286 CD286 CD286 CD286 CD286 CD286 CD286 CD286 CD286 CD286 CD286 CD286 CD286 CD286 CD286 CD287 CD286 CD287 CD286 CD287 CD286 CD287 CD286 CD287 CD285	0.41/20126 5.832890014 5.92837032 5.83208021 5.88508622 5.744161096 6.12722055 5.911691582 6.04220556 5.719731057 5.62058641 7.19972345 5.940860075 5.9514086007 6 5.55334766 6.118941073 5.755334766 6.118941073 5.755334766 7.14974712 5.73033995 7.14974712 5.73033995 5.017651119 5.840463234 5.776593476	2.936637939 5.43407822 5.62058641 5.416164165 5.296457407 5.37155863 6.43629512 5.244125943 6.43629512 5.244125943 6.418941073 5.48250868 6.118941073 5.48250868 6.118941073 5.48250868 5.517275693 5.5125155131 5.807354922 5.292781749 5.30742825 5.292781749 5.30742825 5.292781749 5.30742825 5.21015401 5.554588852 5.3121015401 5.554588852 5.318316841	6.42/941343 10.00842862 6.686500527 6.58345891 6.571373436 6.437960088 6.437960088 6.427920455 6.629815424 6.22920455 6.629815424 6.223036338 6.227920455 6.623515741 6.61176256 6.74415865 6.412781525 6.626786541 6.34163009 9.172427509 6.44790749 6.289096702 6.264911693 6.538073837 6.538073837 6.538073837	8.14465243 11.86611979 8.588714636 8.430452552 8.330916878 8.33423002 7.826544887 8.233619677 8.618385502 8.614708948 8.41527324 8.41527929 7.77478706 8.044948549 7.876516947 8.74819285 8.044394119 7.912889336 8.044394119 7.912889336 8.044394119	6.166212715 8.972533281 6.259695271 6.255914617 6.225914617 6.228229831 6.091060592 6.2674566 6.370653773 6.044773241 5.921811374 6.9637964 6.33522498 6.33522498 6.331253309 6.026874718 6.13339327 6.035382378 6.103582378 6.026974718 6.034905525 6.719421914 6.034905525 6.7194219140 6.239268536 6.319218055	3.941104 4.403756 4.20861 4.396311 4.061351 4.056113 4.125269 3.978486 4.052557 4.939761 4.622434 4.25099 4.649553 3.795899 4.20986 4.20986 6.146436 4.16824 4.907643 5.399185 3.975191 4.380589 4.300846 4.204936	4.242446 4.100116 5.522323 4.885976 4.177772 4.12564 3.9599902 4.289367 4.10856 7.699756 3.81855 3.792426 5.459035 4.299794 4.041884 3.57381 4.005104 4.211627 4.121827 4.167031 4.11184 5.010754 3.840782 4.290975 4.263648 4.171385	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 4.114318 4.120356 4.813379 4.020342 3.948043 5.370781 4.305128 4.3	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 4.3867811 4.674573 4.589612 4.184544 6.339838 4.132425 4.143558 4.13869 5.897096 5.8971097000000000000000000000000000000000	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.228125 4.228125 4.275389 4.0364495 3.307927 5.022677 4.302461 4.382338 4.440122 4.0709305 4.199557 4.115575 6.093785 4.1676355 6.093785 4.1676355 4.1355905 4.827415 4.020484 4.348602 4.285247	6.608338076 9.416267131 6.702930186 6.527338303 6.702930186 6.566304506 6.747443312 6.672578239 7.101303696 6.590766619 6.469017329 7.525019359 6.914426595 6.973165345 6.62343045 6.674327826 6.665989772 8.539679348 6.715039041 6.684682831 7.34004778 6.57564251 6.886468502 6.826452347 6.826452347	0.4403930 0.4437385 0.4437385 0.4437385 0.47470356 0.47740356 0.47720356 0.475243914 0.479986713 0.501924466 0.51919506 0.54599379 0.547205955 0.56122266 0.57395824 0.56429748 0.612870891 0.614877489 0.612780913 0.614977483 0.614977483 0.63436110 0.643119966 0.64511199 0.674727362
PTGDR2 SIGLECS CD244 CD1A CXCR7 NCR2 CD101 NOTCH4 KLR81 TNFR525 TLR4 CD28 GP1BA IL2RA DLL4 NOTCH3 CD207 FGFR4 NCR1 FLT3 TLR6 SELP PDGFR8	CD163 CD93 CD294 Siglec-9 CD244 CD1a CXCR7 CD336 CD101 Notch 4 CD161 DR3 CD284 CD284 CD284 CD28 CD25 DL4 Notch3 CD207 CD334 CD207 CD334 CD335 CD155 CD286 CD42b CD42b CD207 CD334 CD207 CD334 CD284 CD284 CD207 CD334 CD207 CD334 CD207 CD334 CD207 CD334 CD207 CD334 CD207 CD334 CD207 CD334 CD207 CD334 CD207 CD334 CD207 CD	0.41/26126 5.832890014 5.92837032 5.83208025 5.94161096 6.01272055 5.911691582 6.0422055 5.911691582 6.0422055 5.914086097 6.055282436 5.940086097 6 6.755384746 6.118941073 5.75211386 5.730408791 6 5.730439956 7.74474712 5.617651119 5.74089956 7.7465119 5.74089956 5.77429745 5.74089956 7.7487474 5.77082946 5.77082946 5.786896382 6.002252452	7.93637939 5.43407822 5.62058641 5.416164165 5.296457407 5.371558863 5.643629512 5.44125943 5.061776198 5.01776198 5.01776198 5.05275693 5.65351829 5.125155131 5.807354922 5.22781749 5.336283388 5.307428525 5.121015401 5.554588852 5.5121015401 5.554588852 5.318316841 5.368069877	6.42/941333 10.00842862 6.686500527 6.58345891 6.571373436 6.437960088 6.407692649 6.429615964 6.727920455 6.639815424 6.727920455 6.623515741 6.61176256 6.794415866 6.412781525 6.266786541 6.341630009 9.172427509 6.34979749 6.399171094 6.38907602 6.248911693 6.38907749 6.38907749 6.3890749 6.3890749 6.389074837 6.533053253 6.447909749	8.14465243 11.86611979 8.588714636 8.430452552 8.330916878 8.033423002 7.826548487 8.233619677 8.731319031 8.661778098 7.727920455 8.618385502 8.614708844 8.475733431 8.882643049 8.413627929 7.77478706 8.049848549 7.876516947 8.74819285 8.044394119 7.912883336 7.807354922 8.554588852 8.544289508	6.166212715 8.972533281 6.259695271 6.255914617 6.25829831 6.091060592 6.2674566 6.170653773 6.582107787 6.044773241 5.921811374 6.9637964 6.9637964 6.333522498 6.333522498 6.333522498 6.33353274 6.035382378 7.926898435 6.04005525 6.01945158 6.064905525 6.719421911 5.41281406 6.329268536 6.161941149 6.117253055 6.4664948855	3.941104 4.403756 4.20861 4.396311 4.09561 4.056113 4.056113 4.05257 4.939761 4.622434 4.259099 4.649553 3.795899 4.109956 4.20864 3.936676 6.146436 4.46824 4.907643 3.39185 3.975191 4.305889 4.305889 4.305889	4.242446 4.100116 5.522323 4.85976 4.177772 4.12564 3.959902 4.289367 4.10856 7.699756 3.81855 3.792426 5.450635 4.299794 4.041884 3.57381 4.005104 4.211627 4.127846 6.164374 4.167031 4.111484 5.010754 3.840782 4.290975 4.263648 4.171385	3.958849 4.009881 8.515956 4.075627 3.91997 4.114318 4.120356 4.813379 4.020342 3.948043 5.370781 4.305128 4.580132 5.084345 4.031905 4.190474 4.196398 6.041134 4.157472 4.199697 4.644076 4.05777 4.644076 4.044856 4.291818 4.552	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 3.867811 4.674573 4.589612 4.184544 6.339838 4.132425 4.143558 4.134558 5.897096 5.973596 3.99579 4.545895 4.227058 4.237054 4.581514 4.6791314	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.228125 4.575389 4.0364495 3.907927 5.022677 5.022677 5.022677 4.302461 4.382338 4.440122 4.0709305 4.199557 4.1158575 6.093785 4.1676355 4.1355905 4.355905 4.355905 4.355905 4.355905 4.327415 4.020484 4.348602 4.285247 4.248377 4.248377	6.608338076 9.416267131 6.706077115 6.727338303 6.702930186 6.566304506 6.5747443312 6.672578239 7.101303696 6.69017329 7.525019359 6.469017329 7.525019359 6.492017329 6.59155345 6.67243045 6.7457826 6.65989772 8.536679348 6.715039041 6.6884682831 7.34004778 6.57564251 6.886468251 6.88648251 6.88648251 6.88648251 6.8864851 6	0.441033030 0.4427385 0.4437385 0.4437385 0.47142368 0.47740356 0.475243914 0.475243914 0.475243914 0.51919500 0.545993379 0.547205955 0.56122296 0.57395824 0.56122395 0.56122395 0.5612245 0.57395824 0.5127305 0.512750505 0.5127505050500000000000000000000000000000
PTGDR2 SIGLECS CD244 CD1A CCC7 NCR2 CD101 NOTCH4 KLR81 TNFRSF25 TLR4 GP1BA IL2RA DLL4 NOTCH3 CD207 FGFR4 NCR1 FLT3 TLR6 SELP PDGFR5 SELPLG	CD163 CD294 Siglec-9 CD244 CD1a CXCR7 CD336 CD101 Notch 4 CD161 DR3 CD284 CD284 CD284 CD284 CD284 CD28 CD42b CD25 DLL4 Notch3 CD207 CD334 CD235 CD155 CD286 CD286 CD286 CD240 CD140b	0.41/20126 5.832890014 5.92837032 5.85068225 5.744161096 6.1272055 5.7149731057 5.62058641 7.199672345 5.934086097 6.055282436 5.940860971 6.575534746 6.118941073 5.565834746 5.758213188 5.730639956 7.14974712 5.64096791 6.575213188 5.730639956 7.14974712 5.640862344 5.770829046 5.7709046 5.77089046 5.77089046 5.77089046 5.77089046 5.770890	7.936337939 5.343407822 5.62058641 5.416164165 5.296457407 5.686500527 5.371558863 6.43629512 5.2942512 5.244125943 6.43629512 5.498250868 5.498250868 5.498250868 5.498250868 5.498250868 5.125155131 5.807354922 5.36283388 5.307428525 6.28169825 5.121015401 5.534588852 5.318316841 5.33816841 5.33816847 5.368069877 5.596935142	6.42/941343 10.00842862 6.686500527 6.58345821 6.57137436 6.437960088 6.407692649 6.429615964 6.22902455 6.629815424 6.2230455 6.623315741 6.61176256 6.412781525 6.6412781525 6.26786541 6.341630009 9.172427509 6.44790749 6.389171094 6.289096702 6.264911693 6.6447909749 6.553053253 6.447909749 6.540736387	8.14465243 11.86611979 8.588714636 8.43042552 8.330916878 8.033423002 7.82654487 8.233619677 8.731319031 8.661778098 8.618385502 8.61470984 8.41527929 7.77478706 8.049848549 7.876516947 8.74819285 8.044394119 7.807354922 8.544588852 8.71676423 8.344239508 10.2179577	6.166212715 8.972533281 6.259695271 6.255914617 6.255914617 6.228229831 6.091060592 6.2674566 6.170653773 6.04773241 5.921811374 6.9637964 6.26800919 6.33522498 6.33125309 6.33522498 6.33125309 6.026874718 6.13339327 6.05582378 7.926898435 6.10061558 6.064905525 6.719421911 5.941281406 6.239268536 6.161941149 6.117253055 6.466494895	3.941104 4.403756 4.20861 4.396311 4.199561 4.061351 4.056113 4.05257 4.939761 4.622434 4.259099 4.649553 3.795899 4.109956 4.20864 3.936676 6.146436 4.16824 4.907643 5.399185 3.975191 4.380589 4.3005645 4.204936 4.204936	4.242446 4.100116 5.522323 4.855976 4.177772 4.12564 3.959902 4.289367 4.10856 7.699756 3.81855 3.792426 5.450635 4.299794 4.041884 4.05104 4.211627 4.127846 6.164374 4.167031 4.11188 4.613394 4.613394 4.263648 4.171385 4.613394 4.772526	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 4.114318 4.120356 4.813379 4.020342 3.948043 3.948043 3.948043 3.948043 5.370781 4.305128 4.305128 4.305128 4.305128 4.301305 4.190474 4.196438 6.041134 4.195472 4.159697 4.64076 4.065777 4.423796 4.04856 4.291818 4.552 4.372933	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 3.867811 4.674573 4.589612 4.184544 6.339838 4.132425 4.143558 4.133659 5.897096 5.9773596 5.977596 3.39579 4.5545895 4.227058 4.316615 4.877963 4.591314 6.5951308 5.515726	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.222125 4.257389 4.0364495 3.907927 5.022677 4.302461 4.382338 4.440122 4.0709305 4.135575 6.093785 4.1676355 4.167655545 4.167655545 4.167655545 4.1676555455455455555555555555555555555555	6.608338076 9.416267131 6.702077115 6.727338303 6.702930186 6.566304506 6.5474443312 6.672578239 7.101303696 6.590766619 6.469017329 7.525019359 6.842759159 6.913165345 6.62343045 6.74227826 6.665989772 8.539679348 6.715039041 6.684682831 7.30004778 6.5754251 6.886468502 6.82642347 6.791525417 7.164442623 7.26693683	0.44403300 0.442723561 0.4437385 0.4437385 0.474700356 0.47742368 0.47740356 0.475243914 0.479986713 0.501924466 0.51919500 0.545993379 0.54599379 0.54599379 0.54599379 0.54994770 0.5499490276 0.614897483 0.614977483 0.614977483 0.614977488 0.63451118
PTGDR2 SIGLEC9 CD244 CD1A CXCR7 NCR2 CD101 NOTCH4 KLR81 TNFR5F25 TLR4 CD28 GP1BA IL2RA DLL4 NOTCH4 LL2RA DLL4 NOTCH4 CD27 FGFR4 NCR1 FLT3 TLR6 SELP PDGFR8 SELPLG CS52R8	CD163 CD294 Siglec-9 CD244 CD1a CXCR7 CD336 CD101 Notch 4 CD161 DR3 CD284 CD284 CD284 CD284 CD284 CD28 CD42b CD25 DLL4 Notch3 CD207 CD334 CD335 CD335 CD334 CD286 CD286 CD286 CD215 CD135 CD286 CD286 CD286 CD286 CD286 CD286 CD286 CD286 CD286 CD286 CD286 CD297 CD334 CD286 CD297 CD334 CD286 CD297 CD334 CD287 CD286 CD297 CD286 CD297 CD286 CD297 CD286 CD297	0.41/20126 5.832280014 5.928370123 5.832080215 5.931691582 6.0422055 5.911691582 6.0422055 5.911691582 6.0422055 5.911691582 6.0422055 5.91096791 6 5.7053841 5.7096791 6 5.7053847 6 6.05522436 5.730469791 6 5.752213368 5.730469791 6 5.752213368 5.730499791 5.74897942 5.73049995 6.01285472 5.74899962 5.73049995 6.02252422 5.74899962 5.78699562 5.7869562 5.7869562 5.7869562 5.7869562 5.7869562 5.7869562 5.7869562 5.7869562 5.7869565 5.7869565 5.7869565 5.7869565 5.7869565 5.7869565 5.7869557 5.7869556 5.7869557 5.7869556 5.7869556 5.7869557 5.7869556 5.7869556 5.7869557 5.7869556 5.786556556 5.786556556 5.786556556556 5.786556	2.936637939 5.343407822 5.62058641 5.416164165 5.296457407 5.686500527 5.371558663 5.061776198 6.118941073 5.48250868 6.118941073 5.48250868 5.512727693 5.55351829 5.25155131 5.807354922 5.26278174 5.30742825 5.30742825 5.30742825 5.30742825 5.3121015401 5.554588852 5.3121015401 5.554588852 5.318316841 5.55698877 5.368069877 5.369035142 6.617651119	6.42/94133 10.00842862 6.686500527 6.58345891 6.571373436 6.47796028 6.477992049 6.429615964 6.727920455 6.369815424 6.22920455 6.22920455 6.22920455 6.22920455 6.223515741 6.3176256 6.74415806 6.412781525 6.266786541 6.34163009 9.172427509 6.44790749 6.399171094 6.38905702 6.289096702 6.28909749 6.390737338 6.371528863	8.14465243 11.86611979 8.588714636 8.430452552 8.330916878 8.033423002 7.826544887 8.233619677 8.731319031 8.661778098 7.727920455 8.618385502 8.61470984 8.4156733431 8.82643049 8.413627929 8.413627929 8.413627929 8.413627929 8.413627929 8.413627929 8.413627929 8.413627929 8.413627929 8.413627929 8.413627929 8.413627929 7.77478766 8.044394119 7.91288336 7.807354922 8.554588852 8.7147676423 8.344295908 10.2179577 8.426264755 8.033423002	6.166212715 8.972533281 6.259695271 6.255914617 6.25829831 6.091060592 6.2674566 6.170653773 6.6382107787 6.044773241 5.921811374 6.9637964 6.333522498 6.333522498 6.333522498 6.333522498 6.333522498 6.333522498 6.333522498 6.333522498 6.333522498 6.333522498 6.333522498 6.333522498 6.333522498 6.333522498 6.333522498 6.333522498 6.333522498 6.333522498 6.13243927 6.053582378 6.12421911 5.941281406 6.33928533 6.119241931 5.41281406 6.13232055 6.466494895 6.557463406	3.941104 4.403756 4.20861 4.396311 4.199561 4.0561351 4.0561351 4.052157 4.939761 4.622434 4.259099 4.649553 3.735899 4.109956 6.146436 4.16824 4.907643 5.399185 3.975191 4.380589 4.306846 4.204936 4.204936 4.204936	4.242446 4.100116 5.522323 4.885976 4.177772 4.12564 3.959902 4.289367 4.10856 7.699756 3.81855 3.792426 5.450635 4.299794 4.041884 3.57381 4.005104 4.211627 4.127846 6.164374 4.167031 4.111884 5.010754 3.840782 4.263648 4.171385 4.613394 4.772526 4.135085	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 4.114318 4.120356 4.813379 4.020342 3.948043 3.948043 3.948043 3.948043 3.948043 3.948043 3.948043 3.948132 4.05128 4.031005 4.030128 4.031005 4.030128 4.03	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 3.867811 4.674573 4.589612 4.184544 6.339838 4.103869 5.897096 5.897108 4.5151205 4.5151205 4.5151205 4.51512205 4.51512205 4.51512205 5.51512205 5.51512205 5.5151245 5.515125 5.51515555555555	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.1228125 4.375389 4.0364495 3.907927 5.022677 4.302461 4.382338 4.440122 4.0709305 4.199557 6.093785 4.1676355 6.093785 4.1676355 4.1676355 4.1676355 4.1676355 4.1676355 4.1676355 4.1676355 4.1676355 4.1676355 4.1676355 4.1676355 4.1676355 4.1676355 4.1677635 4.285247 4.248377 4.6420405 4.7502545 4.1467745	6.608338076 9.416267131 6.706077115 6.727338303 6.702930186 6.566304506 6.747443312 6.672578239 7.101303696 6.5907329 7.525019359 6.469017329 7.525019359 6.469017329 6.5913426595 6.973165345 6.67243045 6.7427826 6.665989772 8.539679348 6.715039041 6.684682831 7.34004778 6.57564251 6.826452347 6.7954251 6.826452347 6.7954251 7.266953683 7.266953683	0.4430390 0.4437385 0.4437385 0.4437385 0.47142366 0.47740356 0.475243914 0.475243914 0.51919509 0.547993379 0.547205955 0.557395824 0.554904097 0.541912036 0.6124898 0.612407349 0.612407349 0.612407349 0.612470916 0.620625869 0.6207278091 0.6207278091 0.64397178 0.664511198 0.664511199966 0.66451119996 0.66451119956 0.69490276 0.69490276 0.69490276 0.69490276 0.711030425
PTGDR2 SIGLEC9 CD244 CD1A CXCR7 NCR2 DI01 NOTCH4 KLB1 TNFR5E25 TIR4 CD28 GP1BA L2RA DOTCH3 CD207 FGFR4 NCR1 FLT3 TLR6 SELPLG CSFRB CD27	CD163 CD93 CD294 Siglec-9 CD244 CD1a CXCR7 CD336 CD101 Notch 4 CD161 DR3 CD284 CD25 DL14 Notch3 CD267 CD334 CD207 CD334 CD335 CD285 CD135 CD286 CD62P CD140b CD162 CD131 CD22	0.41/20126 5.832890014 5.92837032 5.83208025 5.94161096 6.01220255 5.911691582 6.0422055 5.911691582 6.0422055 5.910800971 6.055282436 5.910800971 6.055282436 5.940800972 6.0575534746 6.11894107 5.75213136 5.73201308 5.73201308 5.73201308 5.7302395 6.00225422 5.77022906 5.77022907 5.77022906 5.77022907 5.77022906 5.77022907 5.77022906 5.77022907 5.77022907 5.77020	7.936337939 5.343407822 5.62058641 5.416164165 5.296657407 5.686500527 5.371558863 6.43629512 5.44125943 6.43629512 5.44215943 6.118941073 5.498250868 5.517275693 5.655351829 5.655351829 5.325155131 5.807354922 5.336283388 5.307428525 6.28169825 5.318316841 5.536935142 6.617651119 5.05945142	6.42/94133 10.00842862 6.686500527 6.581345891 6.571373436 6.437960088 6.407692649 6.429615964 6.22920455 6.269815424 6.27920455 6.23515741 6.61176256 6.4272912455 6.263515741 6.361176256 6.4272903749 9.172427509 9.172427509 9.172427509 9.447309749 6.389076702 6.264911693 6.3807837 6.353053253 6.447909749 6.553053253 6.447909749 6.553053253 6.447909749 6.390737338 6.31725693 6.31755863 6.478542827	8.14465243 11.86611979 8.588714636 8.430452552 8.330916878 8.033423002 7.826548487 8.233619677 8.731319031 8.661778098 7.727920455 8.618385502 8.614708844 8.475773431 8.882643049 8.413627929 7.8776516947 7.8748439419 7.876516947 7.912889336 7.807354922 8.544295908 8.171676423 8.31267676423 8.32664755 8.31267676423 8.32664755 8.3126767677677777777777777777777777777777	6.166212715 6.259(9527)1 6.259(9527)1 6.259(9527)1 6.259(9527)1 6.267429831 6.091060592 6.2674566 6.170653773 6.582107787 6.044773241 5.921811374 6.9637964 6.9637964 6.333522498 6.333522498 6.13333927 6.053582378 7.926898435 6.100061558 6.064905525 6.719421911 5.941281406 6.239268536 6.161941149 6.112753055 6.364644895 6.3646449525 6.364644956.36464495 6.36464495 6.36464495 6.36464495 6.36464495 6.36464495 6.36464495 6.36464495 6.36464495 6.36464495 6.36464495 6.36464495 6.36464495 6.36464495 6.36464495 6.36464495 6.364644556 6.364644556 6.3646445566644556666666666666666666666	3.941104 4.403756 4.20861 4.396311 4.09551 4.061351 4.056113 4.05257 4.939761 4.622434 4.622434 4.259099 4.649553 3.795899 4.109956 4.20864 3.936676 6.146436 4.46824 4.907643 3.936676 6.146436 4.16824 4.907643 3.975191 4.380589 4.300584 4.20936 4.209364 4.209364 4.27983 4.158464 4.351787	4.242446 4.100116 5.522323 4.85976 4.177772 4.12564 3.959902 4.289367 4.10856 7.699756 3.81855 3.792426 5.450635 4.299794 4.041884 4.05104 4.211627 4.127846 6.164374 4.167031 4.111484 5.010754 3.840782 4.290975 4.263648 4.171385 4.23946 4.135085 4.251272	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 4.114318 4.120356 4.813379 4.020342 3.948043 5.370781 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.319057 4.159697 4.644076 4.055777 4.423796 4.044856 4.291818 4.3552 4.372933 4.3158373	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195334 3.867811 4.674573 4.589612 4.143558 4.103869 5.897096 3.99579 4.545895 4.227058 4.316615 5.873596 3.9957963 4.591314 6.513126 4.312976 4.312976	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.2028125 4.575389 4.0364495 3.907927 5.022677 4.302461 4.382338 4.039378 4.136555 4.136555 4.136555 4.136555 4.1355905 4.827415 4.020484 4.348602 4.285247 4.283274 5.420484 4.348602 4.285247 4.282374 5.420484 4.348602 4.285247 4.282374 5.420485 4.1467745 4.2988735	6.608338076 9.416267131 6.706077115 6.727338303 6.702930186 6.566304506 6.5672578239 7.101303696 6.69017329 7.525019359 6.469017329 7.525019359 6.492017329 7.525019359 6.492759159 6.62343045 6.74527826 6.665989772 8.539579348 6.715039041 6.688468231 7.34004778 6.57564251 6.886468502 6.886468520 6.82527428 6.825247428 6.6995277428 6.6995277428 6.6995277428 6.649527428	0.44303300 0.4437385 0.4437385 0.4437385 0.47142368 0.47742368 0.47742368 0.47742368 0.47742368 0.51919500 0.5472059379 0.5472059379 0.5472059379 0.5472059379 0.547205955 0.5612236 0.57395824 0.5395873 0.611884980 0.612780913 0.614977483 0.614977483 0.614977483 0.614977483 0.643451119 0.643451119 0.643451119 0.643451119 0.643451119 0.643451119
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4.204956 4.204956 4.204956 4.204956 4.204956 4.20496	4.242446 4.100116 5.522323 4.885976 4.177772 4.12564 3.9599902 4.289367 4.10856 7.699756 3.81855 3.792426 5.4590754 4.005104 4.211627 4.209754 4.05104 4.211627 4.21667 4.167031 4.111484 5.010754 4.167031 4.111484 5.010754 4.263648 4.171385 4.263648 4.171385 4.263648 4.171385 4.263648 4.171385 4.263648 4.171385 4.251272 4.301071	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 4.114318 4.120356 4.813379 4.020342 3.948043 5.370781 4.305128 4.305777 4.423796 4.044856 4.044856 4.291818 4.3552 4.315373 4.315373 4.556774	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 4.3867811 4.674573 4.589612 4.184544 6.339838 4.132425 4.143558 4.133689 5.897096 5.997398 4.227058 4.216153 4.847963 4.5913184 6.5513184 6.5513184	$\begin{array}{r} 4.224255\\ 4.0549985\\ 7.0191395\\ 4.158175\\ 4.180619\\ 4.154853\\ 4.0106265\\ 4.2018425\\ 4.228125\\ 4.228125\\ 4.228125\\ 4.228125\\ 4.228125\\ 4.302461\\ 4.382338\\ 4.440122\\ 4.0709305\\ 4.138575\\ 6.093785\\ 4.1676355\\ 4.1676355\\ 4.1676355\\ 4.1676355\\ 4.285247\\ 4.2485247\\ 4.2485247\\ 4.2485247\\ 4.2485247\\ 4.2485247\\ 4.2485247\\ 4.2485247\\ 4.2485247\\ 4.2485247\\ 4.2485247\\ 4.2485247\\ 4.2485247\\ 4.2485247\\ 4.2485247\\ 4.2485247\\ 4.2485247\\ 4.2485247\\ 4.2485247\\ 4.2485247\\ 4.2620455\\ 4.7502545\\ 4.1467745\\ 4.2998735\\ 4.2543355\\ 5.25245\\ 4.1467745\\ 4.2998735\\ 4.2543355\\ 5.25245\\ 4.2998735\\ 4.2543355\\ 5.2545\\ 4.2998735\\ 4.2543355\\ 5.2545\\ 4.2998735\\ 4.2543355\\ 5.2545\\ 4.2998735\\ 4.2543355\\ 5.2545\\ 4.2998735\\ 4.2543355\\ 5.2545\\ 4.2998735\\ 5.2545\\ 4.298735\\ 5.2545\\ 4.298735\\ 5.2545$	6.608338076 9.416267131 6.702077115 6.727338303 6.702930186 6.566304506 6.5474443312 6.672578239 7.101303696 6.590766619 6.469017329 7.525019359 6.918426595 6.973165345 6.62343045 6.74527826 6.665989772 8.539679348 6.715039041 6.684682831 7.34004778 6.37564251 6.886468502 6.826452347 7.716442623 7.26693683 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PTG0R2 SIGLE29 CD244 CD1A CXCR7 NCR2 CD101 NOTCH4 KLR81 TNFR5F25 TLR4 CD28 GP1BA IL2RA DLL4 NOTCH3 CD207 FGFR4 NCR1 FGFR4 NCR1 FGFR5 SELPG SELPG CSF2R8 SL22G CD7	CD163 CD93 CD294 Siglec-9 CD244 CD1a CXCR7 CD336 CD101 Notch 4 CD161 DR3 CD284 CD284 CD284 CD28 CD28 CD28 CD207 CD334 CD207 CD334 CD284 CD207 CD132 CD132 CD7	0.41/26126 5.832890014 5.92837032 5.832980014 5.98306825 5.94161056 6.01272055 5.911691582 6.0422055 5.911691582 6.0422055 5.914086097 6.055282436 5.940086791 6 5.76534746 6.118341073 5.75211386 5.730439956 7.74297412 5.617651119 5.770829046 5.7562136 5.762803956 7.70829046 5.762803956 5.762803294 5.762803294 5.762880293 6.002525422 5.966951422 5.966951425	7.936337939 5.343407822 5.62058641 5.416164165 5.296457407 5.371558863 5.296457407 5.371558863 5.061776198 5.061776198 5.061776198 5.517275693 5.607354922 5.292781749 5.30742825 5.30742852 5.318316841 5.36283388 5.30742852 5.318316841 5.355458852 5.318316841 5.368068977 5.55458852 5.318316841 5.368068977 5.556935142 6.417651119 5.057450272 5.559272487 5.504520392 5.353363336	6.42/941333 10.00842862 6.686500527 6.58345891 6.571373436 6.437960088 6.407692649 6.429615964 6.727920455 6.369815424 6.22920455 6.623515741 6.4176256 6.794415866 6.412781525 6.266786541 6.341630009 9.172427509 6.447909749 6.399171094 6.399171094 6.3990742 6.58905702 6.2649116931 6.38073837 6.553053253 6.447909749 6.390737338 6.517275693 6.44790749 6.390737338 6.517275693 6.44790749 6.39073738 6.517275693 6.485426827 6.6319119511	8.14465243 11.86611979 8.588714636 8.430452552 8.330916878 8.033423002 7.82654487 8.233619677 8.731319031 8.661778098 7.727920455 8.6143385502 8.614709844 8.475733431 8.882643049 8.413627929 7.77478706 8.049848549 7.876516947 8.74819285 8.044394119 7.912889336 7.807354922 8.554588852 8.54438852 8.54425908 10.2179577 8.426264755 8.03423002 8.271463028 8.696967526	6.166212715 8.972533281 6.259695271 6.255914617 6.25829831 6.091060592 6.2674566 6.270653773 6.582107787 6.044773241 5.921811374 6.05837964 6.9637964 6.333522498 6.333522498 6.333522498 6.333522498 6.33353278 6.033582378 7.926898435 6.070451558 6.0749421911 5.41281406 6.329268536 6.161941149 6.117253055 6.3646494895 6.3646494895 6.367463406 5.984247002 6.12415356 6.37443400 5.984247002 6.12415356 6.34351202 6.393630049	3.941104 4.403756 4.20861 4.396311 4.09561 4.056113 4.056113 4.05257 4.939761 4.622434 4.259099 4.649553 3.795899 4.109956 4.20864 3.936676 6.146436 4.26864 3.936676 6.146436 4.36824 4.307643 3.975191 4.30589 4.30589 4.305846 4.204936 4.20587 4.20575 4.20575 4.20575 4.20575 4.205756 4.2057577 4.205757777777777777777777777777777777777	4.242446 4.100116 5.522323 4.85976 4.177772 4.12564 3.959902 4.289367 4.10856 7.699756 3.81855 3.792426 5.450635 4.299794 4.041884 4.2105104 4.211627 4.127846 6.164374 4.211627 4.127846 6.164374 4.167031 4.111484 5.010754 3.840782 4.263648 4.171385 4.263648 4.171385 4.263648 4.171385 4.263648 4.151085 4.263648 4.151085 4.251272 4.310171 4.310272 4.310271 4.310272 4.310271 4.310272 4.3102	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 4.114318 4.120356 4.813379 4.020342 3.948043 5.370781 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.3190474 4.155398 6.041134 4.1554742 4.5552 4.372933 4.315373 4.55274 4.315373 4.515374727574727575775777777777777777777777	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 3.867811 4.674573 4.184544 6.339838 4.103469 5.897096 3.99579 4.548955 4.227058 4.316615 4.877963 4.591314 6.591308 5.151726 4.312976 4.312976	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.32512 4.3575389 4.0364495 3.907927 5.022677 5.022677 4.302461 4.382338 4.040122 4.0709305 4.199557 4.31355905 4.1355905 4.1355905 4.1355905 4.1355905 4.1355905 4.1355905 4.220484 4.3448602 4.282247 4.28237415 4.2020484 4.348602 4.285247 4.28237415 4.2920455 4.1467745 4.2928735 4.5434365	6.608338076 9.416267131 6.706077115 6.727338303 6.702930186 6.566304506 6.5747443312 6.672578239 7.101303696 6.69017329 7.525019359 6.469017329 7.525019359 6.469017329 7.525019359 6.49217329 6.67343045 6.74527826 6.65989772 8.539679348 6.715039041 6.6884682831 7.34004778 6.57564251 6.886468293 7.5564251 6.886468202 7.256935883 6.695125417 7.164442623 7.266933683 6.695277428 6.840308022 7.071035111 6.881026382	0.441033030 0.44272356 0.4437385 0.4437385 0.47142368 0.47740356 0.475243914 0.475243914 0.475243914 0.51919500 0.54593379 0.547205955 0.56122296 0.57395824 0.56122395 0.56122395 0.56122395 0.5612245 0.57395824 0.5127395824 0.612407394 0.612407394 0.612780913 0.614977483 0.612780914 0.64719936 0.664511198 0.664719396 0.66451118 0.6647947728 0.6699490276 0.716154462 0.716154462 0.716154462 0.716154462 0.716487333
PTGDR2 SIGLEC9 CD244 CD1A CXCR7 NCR2 CD101 NOTCH4 KIRB1 TNFRSF25 TLR4 CD28 GP1BA IL2RA DLL4 DLL4 DLL4 DL14 NOTCH3 CD207 FGFR4 NCR1 FLT3 TLR6 SELPLG SELPLG CSF2RB CD22 IL2RG CD7 MSAA1	CD163 CD294 Siglec-9 CD244 CD1a CXCR7 CD336 CD101 Notch 4 CD161 DR3 CD284 CD284 CD284 CD284 CD284 CD284 CD284 CD285 DLL4 Notch3 CD207 CD335 CD2035 CD155 CD286 CD286 CD140b CD162 CD131 CD222 CD132 CD132 CD132 CD132 CD224 CD132 CD132 CD140 CD226 CD140 CD162 CD131 CD22 CD132 CD132 CD132 CD132 CD135 CD226 CD140 CD161 CD22 CD132 CD132 CD135 CD226 CD140 CD161 CD22 CD132 CD126 CD126 CD127 CD20 CD135 CD226 CD135 CD226 CD135 CD27 CD27 CD206 CD161 CD27 CD27 CD27 CD27 CD27 CD27 CD27 CD27	0.41/2012/0 5.832280010 5.832280010 5.832080012 5.94161036 6.04272055 5.94161056 6.0422055 5.94108(057 5.94108(057) 6.055282436 5.9408(057) 6.055282436 5.9408(057) 6.05534746 6.11894107 5.75534746 6.11894107 5.75534746 6.11894107 5.75213186 5.7302306 7.14974712 5.64096791 6.77082906 5.77080000000000000000000000000000000000	7.936637939 5.343407822 5.62058641 5.416164165 5.296657407 5.636500527 5.371558863 5.43629512 5.244125943 6.43629512 5.442125943 6.118941073 5.498250868 5.517275693 5.6428328 5.307245025 5.292781749 7.977279923 5.30628338 5.307354922 5.331816841 5.368069877 5.56935142 5.31816841 5.368069877 5.56935142 5.3545119 5.05745027248 5.504620392 5.1530536 5.06608919	6.42/941343 10.00842862 6.686500527 6.58345821 6.57137436 6.437960088 6.407692649 6.429615964 6.2290455 6.629815424 6.223056348 6.272920455 6.623315741 6.61176256 6.74415865 6.412781525 6.26786541 6.341630009 9.172427509 6.447709749 6.38073837 6.553053253 6.357275639 6.31755863 6.31552784 7.5757593 7.5755593 7.5755593 7.575555555555555555555555555555555555	8.14465243 11.86611979 8.588714636 8.43042552 8.330916878 8.033423002 7.82654487 8.233619677 8.731319031 8.661778098 8.618385502 8.61470984 8.415273431 8.82643049 7.876516947 8.7481285 8.044394119 7.807354922 8.544584549 7.807354922 8.545458852 8.71676423 8.34429508 10.2179577 8.3426264755 8.034239508 10.2179577 8.3426264755 8.034239508 10.2179577 8.342626755 8.33423002 1.554588852	6.166212715 8.972533281 6.259695271 6.25914617 6.25914617 6.228229831 6.091060592 6.2674566 6.170653773 6.04773241 5.921811374 6.9637964 6.26820919 6.33522498 6.33125309 6.33522498 6.33125309 6.026874718 6.13339327 6.053582378 7.926898435 6.10061558 6.064905525 6.719421911 6.117253055 6.466494895 6.461941149 6.117253055 6.466494895 6.461941149 6.457453055 6.466494895 6.461941149 6.45745305 6.46494895 6.45745305 6.46494895 6.45745305 6.45449489 5.45745305 6.45449489 5.45745305 6.45449489 5.45745305 6.454494895 5.45745305 6.454494895 5.45745305 6.454494895 5.45745305 6.454494895 5.45745305 6.454494895 5.45745305 6.45449489 5.457420204	3.941104 4.403756 4.20861 4.396311 4.199561 4.061351 4.056113 4.05513 4.05257 4.939761 4.622434 4.62553 4.25099 4.649553 3.798899 4.109956 4.20864 3.936676 6.146436 4.16824 4.907643 5.399185 3.975191 4.380589 4.300584 4.204936 4.204936 4.670687 4.727983 4.158464 4.351787 4.621355 4.260763 4.080763 4.080763 4.080763	4.24244b 4.100116 5.522323 4.85976 4.177772 4.12564 3.959902 4.289367 4.10856 7.699756 3.81855 3.792426 5.450635 4.299794 4.041884 4.005104 4.211627 4.127846 6.164374 4.167031 4.111484 5.010754 4.263648 4.171385 4.613394 4.772526 4.135085 4.613394 4.772526 4.135085 4.613394	3.958849 4.009881 8.515956 4.079643 4.183466 4.075327 4.114318 4.120356 4.813379 4.020342 3.948043 5.370781 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305128 4.305777 4.423796 4.044856 4.291818 4.552 4.372333 4.315373 4.564744 4.319388 4.3013772	6.061314 4.339416 8.68515 4.10774 4.121239 4.184066 4.069695 4.304083 4.514752 4.337399 4.195534 3.867811 4.674573 4.589612 4.184544 6.339838 4.132425 4.143558 4.103859 5.897096 5.973596 5.973596 5.973596 5.973596 5.973596 5.973596 5.973596 5.973596 5.973596 5.973596 5.973596 5.973596 5.973596 5.957394 4.524229 4.551308 5.151726 4.312976 4.52424374 4.522129 4.558043 4.113814	4.224255 4.0549985 7.0191395 4.158175 4.180619 4.154853 4.0106265 4.2018425 4.2228125 4.575389 4.0364495 3.907927 5.022677 4.302461 4.382338 4.440122 4.0709305 4.199557 4.302461 4.382338 4.440122 4.0709305 4.199557 4.155505 4.1355905 4.827415 4.1355905 4.827415 4.202484 4.348602 4.282247 4.248377 4.5420405 4.2908755 4.5434365 4.2900755 4.0467725	6.608338076 9.416267131 6.7027115 6.727338303 6.70293186 6.566304506 6.547443312 6.672578239 7.101303696 6.590766619 6.469017329 7.525019359 6.469017329 7.525019359 6.474729159 6.973165345 6.67343045 6.74527826 6.665989772 8.539679348 6.715039041 6.68468231 7.34004778 6.57564251 6.886468502 6.82547428 6.652547428 6.6595277428 6.84648502 7.256955683 6.695277428 6.8404223 7.266955683 6.695277428 6.840308022 7.071035111 6.83008022 7.071035111 6.83008022	0.4403300 0.4427335 0.4437385 0.4437385 0.47142368 0.47142368 0.47740356 0.475243914 0.479986713 0.501924466 0.53193590 0.547205955 0.56122296 0.57393824 0.53490097 0.591912036 0.61280913 0.61280913 0.612780913 0.612780913 0.612780913 0.612780913 0.612780913 0.612780913 0.614977483 0.61977736 0.65451118 0.65451198 0.7545639 0.7545639 0.73468733 0.73468733

CD8A	CD8a	5.5360529	5.031218731	6.061776198	7.515699838	5.798914549	3.854522	5.167652	4.081122	3.889405	3.9852635	6.542278151	-0.743363602
SIGLEC7	CD328	5.736063628	5.307428525	6.422905743	7.807354922	6.079484685	4.371198	4.271966	4.216353	4.384763	4.321582	6.860872471	-0.781387786
CD300LF	CD300F	5.817623258	5.599912842	6.619119511	8.784634846	6.218371384	4.315048	4.374859	4.582633	4.573362	4.4741105	7.005362631	-0.786991247
ABCG2	CD338	5.83541884	6.465974465	6.470862199	9.84862294	6.468418332	4.012682	5.458387	4.062372	6.034477	4.7603795	7.276545089	-0.808126757
PECAM1	CD31	5.738767837	5.409390936	6.325530332	7.994353437	6.032149084	4.043683	5.035187	4.267724	4.35481	4.311267	6.851101078	-0.818951994
CD14	CD14	5.860466259	5.672425342	6.714245518	8.62935662	6.287355888	4.139043	5.358227	4.684128	4.493048	4.588588	7.113807101	-0.826451213
CD27	CD27	5.692092375	5.213347282	6.338067798	8.022367813	6.015080086	5.078196	4.374697	4.203875	4.261325	4.318011	6.857489665	-0.842409579
SELL	CD62L	5.672425342	5.157852169	6.191799501	7.754887502	5.932112422	4.151079	4.527099	3.864871	4.312958	4.2320185	6.77602902	-0.843916598
PDCD1	CD279	5.672425342	5.137503524	6.332707934	7.74819285	6.002566638	4.513135	4.086711	4.397839	4.231902	4.3148705	6.854514671	-0.851948034
CD97	CD97	5.958842675	7.965784285	6.727920455	14.80780771	7.34685237	5.216831	6.260978	4.959867	9.587929	5.7389045	8.203501256	-0.856648886
CD2	CD2	5.602884409	5.108524457	6.10433666	7.539158811	5.853610534	4,256094	3,999697	4.110153	4.332488	4.1831235	6.729710814	-0.87610028
CD38	CD38	5.794415866	5.432959407	6.43629512	8.851749041	6.115355493	4.608984	4.397132	4.315043	4.824706	4.503058	7.032784581	-0.917429088
TLR2	CD282	5,773468928	5.378511623	6.441284272	8.189824559	6.1073766	4,30498	4.652095	4.530545	4,465006	4.4977755	7.027780472	-0.920403872
CD6	CD6	5,746850183	5.346956889	6.334496768	8.033423002	6.040673476	4.404045	4.537504	4.465329	4,394385	4.434687	6.968016773	-0.927343297
CXCR1	CD181	6.518849829	6.45779126	6.988684687	8.233619677	6.753767258	5.426489	5.163507	4.934444	5,236837	5.200172	7.69316027	-0.939393013
CDH2	CD325	9.098032083	10.68562484	6.942514505	10.92851838	9.891828461	8.14254	8.931374	7.533996	9.903538	8.536957	10.85409477	-0.962266309
ECRI 5	CD307e	5.646738698	5,22881869	6.345183447	8.033423002	5.995961073	4.484744	4.031106	4.445306	4.699123	4.465025	6.996755942	-1.00079487
II 2RB	CD122	5.605849867	5.06608919	6.17990909	7.607330314	5.892879479	4.272671	4.260077	4,723478	4.481352	4.3770115	6.913380805	-1.020501326
CD40	CD40	5 867896464	6	6.040015679	7 539158811	6 020007839	4 525373	5 649315	4 285867	4 517674	4 5215235	7 050276939	-1 030269099
164159	Galectin-9	6 263034406	6 004501392	6 857980995	8 640244936	6 5605077	5 231034	5.045255	5 147799	4 998182	5.096527	7 594977422	-1 034469721
TNERSE13R	CD267	5 794415866	5 385431037	6 521992956	8 46760555	6 158204411	4 426962	5 571921	4 931111	4 257676	4 6790365	7 199488913	-1 041284501
CD4016	CD154	5 730639956	5 311067107	6 441 284 272	8 233610677	6.085962114	4 702068	4 443118	4.875638	4 510387	4.6062275	7 130516989	-1 044554875
IL GR	CD126	5 815063017	5 400300036	6 485426827	8 361043774	6 150244922	4.567802	4 310111	4.375050	5 177561	4.0002275	7 199190987	-1 048946065
ITCAOR	CD120	5.813003017	5.405350530	6 127220EE	7 6501343774	E 952070622	4.307802	4.319111	4.785042	4 259659	4.076722	6 011505150	1 05943553
CD1C	CD41	5.578558715	5.037430272	6 147712722	7.038211483	5.833079032	4.011307	4.300002	4.365401	4.238038	4.3730313	6.951303132	1.05642332
CDE2	CDIC	12 74200295	12 50527405	12 20727252	14 0120646	12 66069245	4.43281	4.701081	4.245204	4.430833	4.4318243	14 75004167	1 001203019
TRAV24	CD05	E 702000414	E 200070220	6 59044702	9 521291461	6 103313717	11.08075	12.01071	4 772369	4 760961	4 761112	7 277220022	1.001230214
164724	CD124-JI11	5.000000000	5.500070555	0.38044702	0.551501401	0.102213/1/	4.701303	4.400033	4.775208	4.700801	4.701113	7.2772355555	1.093020217
IL4K	CD124	5.900890390	5.334366632	0.01/031119	8.018383302	0.202270838	4.780330	4.514347	4.773032	0.37038	4.8303413	7.30170004	-1.033433182
SLAIVIFO	CD352	5.82527085	5.340950889	0.030024021	8.25/38/843	6.230950725	4.912033	4.738129	4.997106	4.76944	4.8410305	7.352951419	-1.122000694
EGFK	EGER	5.727920455	5.529820947	6.6/2425342	14.11642519	6.200172898	4.8/01/2	4.773512	4.755305	6.785235	4.821842	7.33476848	-1.134595582
CD4	CD4	6.412/81525	6.14363831	6.58345891	9.025139562	6.498120218	5.612263	5.033139	5.15306	5.201/14	5.177387	7.671576053	-1.1/3455835
CD53	CD53	6.01346226	5.563/682/8	6.700439718	8.997179481	6.356950989	5.209111	4.735368	4.964527	5.092479	5.028503	7.530538326	-1.1/358/33/
CD19	CD19	5.6/2425342	5.161887682	6.277984747	7.982993575	5.975205045	4.987914	5.844719	4.151616	4.305216	4.646565	7.168728679	-1.193523635
CD40LG	Igivi	5.61/651119	5.108524457	6.230741003	7.700439718	5.924196061	4.702068	4.443118	4.875638	4.510387	4.6062275	7.130516989	-1.206320928
CD74	CD/4	6.183883459	5.899659026	6.700439718	8.5352/53//	6.442161589	5.124094	5.159289	5.481653	5.147808	5.1535485	7.648993856	-1.206832267
IL3RA	CD123	5.614709844	5.070389328	6.230741003	7.77478706	5.922725423	4.651076	4.788297	4.603387	4.514058	4.6272315	7.150414066	-1.22/688643
IFNGR1	CD119	10.05934446	9.903881846	10.13314221	12.20823436	10.09624334	8.625278	9.628156	8.521551	9.761121	9.126717	11.41277408	-1.316530741
CD34	CD34	6.055282436	5.66106548	6.249824549	7.820178962	6.152553492	4.996313	5.017903	4.690306	5.314858	5.007108	7.510270855	-1.357717363
HLA-G	HLA-G	9.773139207	5.773468928	6.930737338	8.982993575	7.956865456	7.110574	6.790896	6.639062	8.465311	6.950735	9.351467588	-1.394602131
LTBR	hotoxin l ² Reci	5.904484098	5.626439137	6.616181231	10.6926155	6.260332665	5.199703	4.41707	5.130116	6.850818	5.1649095	7.659756124	-1.39942346
NPC1	NPC	9.54689446	9.487840034	9.594324604	8.977279923	9.517367247	7.445287	8.24513	8.999558	9.562013	8.622344	10.93498183	-1.41761458
CD164	CD164	11.25856603	9.586839788	10.41679753	13.69348696	10.83768178	10.42079	9.273733	9.622102	10.79632	10.021446	12.26035034	-1.422668561
IL13RA2	CD213a2	5.830356747	5.416164165	6.686500527	8.924812504	6.258428637	4.14588	6.248288	3.981517	8.130323	5.197084	7.69023501	-1.431806372
TREML2	TLT-2	6.110613806	5.860466259	6.589463893	8.139551352	6.350038849	5.541856	4.995517	5.561491	5.081086	5.311471	7.798593749	-1.448554899
CD5	CD5	5.736063628	5.266786541	6.325530332	7.95419631	6.03079698	4.80031	4.898578	5.067938	5.158437	4.983258	7.487677764	-1.456880784
IL7R	CD127	5.727920455	5.244125943	6.451211112	10.2644426	6.089565783	4.886609	4.754228	5.248256	12.07648	5.0674325	7.567416219	-1.477850435
TNFRSF13C	CD268	5.658211483	5.449561375	6.642412773	7.787902559	6.150312128	5.018883	5.379594	5.016869	5.370008	5.1944455	7.68773556	-1.537423432
TSPAN7	CD231	7.672425342	5.930737338	7.971543554	8.997179481	7.821984448	9.469327	5.903995	8.102066	4.840279	7.0030305	9.401007085	-1.579022637
ITGAV	CD51	9.310612782	7.491853096	10.31854281	16.17127455	9.814577796	9.088896	7.985247	9.235462	11.99295	9.162179	11.44636721	-1.631789414
KIR2DL3	CD158b	5.862947248	5.40599236	6.549977143	8.294620749	6.206462195	6.160816	5.528223	5.109884	5.3535	5.4408615	7.921165294	-1.714703099
PLAUR	CD87	5.921245889	5.510961919	6.918863237	9.060695932	6.420054563	5.407442	5.176716	5.928184	8.529148	5.667813	8.136156319	-1.716101756
CD70	CD70	5.880195729	5.426264755	6.658211483	10.19721669	6.269203606	5.482327	5.545166	5.870894	7.823297	5.70803	8.17425386	-1.905050254
TNFRSF12A	CD266	6.078951341	6.110613806	7.238404739	13.04950825	6.674509272	6.194249	5.738645	6.323146	10.51152	6.2586975	8.695900864	-2.021391592
ICAM3	CD50	5.783980414	5.329123596	6.205548911	7.672425342	5.994764662	6.281721	5.117182	5.10788	6.216496	5.666839	8.135233649	-2.140468987
ERBB2	CD340	5.733354341	5.221103725	6.64385619	13.23062093	6.188605265	5.966177	5.797662	5.72115	7.53018	5.8819195	8.338979283	-2.150374017
LAMP1	CD107a	9.930737338	8.164906927	10.54012804	11.25738784	10.23543269	9.941638	9.344374	10.66274	10.58634	10.263989	12.49011119	-2.254678497
JAG2	Jagged 2	6.303780748	6.700439718	6.87036472	9.13442632	6.785402219	6.979649	6.314579	7.925356	5.432263	6.647114	9.06384759	-2.278445371
LGALS3	Mac-2	6.063934306	5.773468928	6.807354922	7.924812504	6.435644614	5.375234	6.34445	6.431566	12.61216	6.388008	8.818396626	-2.382752012
ITGB5	integrin î²5	8.154818109	6.832890014	6.518849829	9.985841937	7.493854062	8.401372	6.696523	4.320449	11.69345	7.5489475	9.918153943	-2.424299881
B2M	2-microglobuli	10.36632221	10	13.48959712	17.92578622	11.92795967	11.33269	12.81864	12.76231	13.8593	12.790475	14.88344991	-2.955490244
CD83	CD83	6.277984747	6.434628228	6.894817763	9.276124405	6.664722995	8.55281	7.383519	7.73803	7.011497	7.5607745	9.929357653	-3.264634658
ITGAV	CD51,CD61	5.947198584	6.417852515	9.607330314	14.77566172	8.012591414	9.088896	7.985247	9.235462	11.99295	9.162179	11.44636721	-3.433775795
PODXL	TRA-1-81	6.10433666	5.970393538	6.686500527	8.810571635	6.395418593	9.196017	9.093098	6.429429	4.858975	7.7612635	10.11928077	-3.723862173
ITGAE	CD103	5.526694846	4.925999419	6.112700133	7.54689446	5.819697489	11.70196	9.957181	10.32507	10.42926	10.377165	12.59732274	-6.777625256

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