

Figure 1 displays the distribution of genes across clusters. The top panel shows the number of genes per cluster (red line), which peaks at 1368 and crosses zero at 8936. The middle panel shows the barcode of gene clusters. The bottom panel shows the cumulative distribution of genes, with labels for "clus1" and "NON.clus1".

Gene Set Null Density

Observed Gene Set ES value

$P(ES)$

Neg. ES "NON.clus1"

Pos. ES: "clus1"

ES

ES = 0.625 NES = 2.02 Nom. p-val= 0 FWER= 0.042 FDR= 0.0104

clus1

NON.clus1

The heatmap displays gene expression data for 100 genes across numerous samples. The top half of the heatmap is labeled 'clus1' and the bottom half 'NON.clus1'. The color scale ranges from red (high expression) to blue (low expression). Genes listed on the left include: CDNA, MYC, ACTG1, MYO1B, MYO1A, MYO1D, MYO1E, MYO1F, MYO1G, MYO1H, MYO1I, MYO1J, MYO1K, MYO1L, MYO1M, MYO1N, MYO1O, MYO1P, MYO1Q, MYO1R, MYO1S, MYO1T, MYO1U, MYO1V, MYO1W, MYO1X, MYO1Y, MYO1Z, MYO1AA, MYO1AB, MYO1AC, MYO1AD, MYO1AE, MYO1AF, MYO1AG, MYO1AH, MYO1AI, MYO1AJ, MYO1AK, MYO1AL, MYO1AM, MYO1AN, MYO1AO, MYO1AP, MYO1AQ, MYO1AR, MYO1AS, MYO1AT, MYO1AU, MYO1AV, MYO1AW, MYO1AX, MYO1AY, MYO1AZ, MYO1BA, MYO1BB, MYO1BC, MYO1BD, MYO1BE, MYO1BF, MYO1BG, MYO1BH, MYO1BI, MYO1BJ, MYO1BK, MYO1BL, MYO1BM, MYO1BN, MYO1BO, MYO1BP, MYO1BQ, MYO1BR, MYO1BS, MYO1BT, MYO1BU, MYO1BV, MYO1BW, MYO1BX, MYO1BY, MYO1BZ, MYO1CA, MYO1CB, MYO1CC, MYO1CD, MYO1CE, MYO1CF, MYO1CG, MYO1CH, MYO1CI, MYO1CJ, MYO1CK, MYO1CL, MYO1CM, MYO1CN, MYO1CO, MYO1CP, MYO1CQ, MYO1CR, MYO1CS, MYO1CT, MYO1CU, MYO1CV, MYO1CW, MYO1CX, MYO1CY, MYO1CZ, MYO1DA, MYO1DB, MYO1DC, MYO1DD, MYO1DE, MYO1DF, MYO1DG, MYO1DH, MYO1DI, MYO1DJ, MYO1DK, MYO1DL, MYO1DM, MYO1DN, MYO1DO, MYO1DP, MYO1DQ, MYO1DR, MYO1DS, MYO1DT, MYO1DU, MYO1DV, MYO1DW, MYO1DX, MYO1DY, MYO1DZ, MYO1EA, MYO1EB, MYO1EC, MYO1ED, MYO1EE, MYO1EF, MYO1EG, MYO1EH, MYO1EI, MYO1EJ, MYO1EK, MYO1EL, MYO1EM, MYO1EN, MYO1EO, MYO1EP, MYO1EQ, MYO1ER, MYO1ES, MYO1ET, MYO1EU, MYO1EV, MYO1EW, MYO1EX, MYO1EY, MYO1EZ, MYO1FA, MYO1FB, MYO1FC, MYO1FD, MYO1FE, MYO1FF, MYO1FG, MYO1FH, MYO1FI, MYO1FJ, MYO1FK, MYO1FL, MYO1FM, MYO1FN, MYO1FO, MYO1FP, MYO1FQ, MYO1FR, MYO1FS, MYO1FT, MYO1FU, MYO1FV, MYO1FW, MYO1FX, MYO1FY, MYO1FZ, MYO1GA, MYO1GB, MYO1GC, MYO1GD, MYO1GE, MYO1GF, MYO1GG, MYO1GH, MYO1GI, MYO1GJ, MYO1GK, MYO1GL, MYO1GM, MYO1GN, MYO1GO, MYO1GP, MYO1GQ, MYO1GR, MYO1GS, MYO1GT, MYO1GU, MYO1GV, MYO1GW, MYO1GX, MYO1GY, MYO1GZ, MYO1HA, MYO1HB, MYO1HC, MYO1HD, MYO1HE, MYO1HF, MYO1HG, MYO1HH, MYO1HI, MYO1HJ, MYO1HK, MYO1HL, MYO1HM, MYO1HN, MYO1HO, MYO1HP, MYO1HQ, MYO1HR, MYO1HS, MYO1HT, MYO1HU, MYO1HV, MYO1HW, MYO1HX, MYO1HY, MYO1HZ, MYO1IA, MYO1IB, MYO1IC, MYO1ID, MYO1IE, MYO1IF, MYO1IG, MYO1IH, MYO1II, MYO1IJ, MYO1IK, MYO1IL, MYO1IM, MYO1IN, MYO1IO, MYO1IP, MYO1IQ, MYO1IR, MYO1IS, MYO1IT, MYO1IU, MYO1IV, MYO1IW, MYO1IX, MYO1IY, MYO1IZ, MYO1JA, MYO1JB, MYO1JC, MYO1JD, MYO1JE, MYO1JF, MYO1JG, MYO1JH, MYO1JI, MYO1JJ, MYO1JK, MYO1JL, MYO1JM, MYO1JN, MYO1JO, MYO1JP, MYO1JQ, MYO1JR, MYO1JS, MYO1JT, MYO1JU, MYO1JV, MYO1JW, MYO1JX, MYO1JY, MYO1JZ, MYO1KA, MYO1KB, MYO1KC, MYO1KD, MYO1KE, MYO1KF, MYO1KG, MYO1KH, MYO1KI, MYO1KJ, MYO1KL, MYO1KM, MYO1KN, MYO1KO, MYO1KP, MYO1KQ, MYO1KR, MYO1KS, MYO1KT, MYO1KU, MYO1KV, MYO1KW, MYO1KX, MYO1KY, MYO1KZ, MYO1LA, MYO1LB, MYO1LC, MYO1LD, MYO1LE, MYO1LF, MYO1LG, MYO1LH, MYO1LI, MYO1LJ, MYO1LK, MYO1LL, MYO1LM, MYO1LN, MYO1LO, MYO1LP, MYO1LQ, MYO1LR, MYO1LS, MYO1LT, MYO1LU, MYO1LV, MYO1LW, MYO1LX, MYO1LY, MYO1LZ, MYO1MA, MYO1MB, MYO1MC, MYO1MD, MYO1ME, MYO1MF, MYO1MG, MYO1MH, MYO1MI, MYO1MJ, MYO1MK, MYO1ML, MYO1MN, MYO1MO, MYO1MP, MYO1MQ, MYO1MR, MYO1MS, MYO1MT, MYO1MU, MYO1MV, MYO1MW, MYO1MX, MYO1MY, MYO1MZ, MYO1NA, MYO1NB, MYO1NC, MYO1ND, MYO1NE, MYO1NF, MYO1NG, MYO1NH, MYO1NI, MYO1NJ, MYO1NK, MYO1NL, MYO1NM, MYO1NN, MYO1NO, MYO1NP, MYO1NQ, MYO1NR, MYO1NS, MYO1NT, MYO1NU, MYO1NV, MYO1NW, MYO1NX, MYO1NY, MYO1NZ, MYO1OA, MYO1OB, MYO1OC, MYO1OD, MYO1OE, MYO1OF, MYO1OG, MYO1OH, MYO1OI, MYO1OJ, MYO1OK, MYO1OL, MYO1OM, MYO1ON, MYO1OO, MYO1OP, MYO1OQ, MYO1OR, MYO1OS, MYO1OT, MYO1OU, MYO1OV, MYO1OW, MYO1OX, MYO1OY, MYO1OZ, MYO1PA, MYO1PB, MYO1PC, MYO1PD, MYO1PE, MYO1PF, MYO1PG, MYO1PH, MYO1PI, MYO1PJ, MYO1PK, MYO1PL, MYO1PM, MYO1PN, MYO1PO, MYO1PP, MYO1PQ, MYO1PR, MYO1PS, MYO1PT, MYO1PU, MYO1PV, MYO1PW, MYO1PX, MYO1PY, MYO1PZ, MYO1QA, MYO1QB, MYO1QC, MYO1QD, MYO1QE, MYO1QF, MYO1QG, MYO1QH, MYO1QI, MYO1QJ, MYO1QK, MYO1QL, MYO1QM, MYO1QN, MYO1QO, MYO1QP, MYO1QQ, MYO1QR, MYO1QS, MYO1QT, MYO1QU, MYO1QV, MYO1QW, MYO1QX, MYO1QY, MYO1QZ, MYO1RA, MYO1RB, MYO1RC, MYO1RD, MYO1RE, MYO1RF, MYO1RG, MYO1RH, MYO1RI, MYO1RJ, MYO1RK, MYO1RL, MYO1RM, MYO1RN, MYO1RO, MYO1RP, MYO1RQ, MYO1RR, MYO1RS, MYO1RT, MYO1RU, MYO1RV, MYO1RW, MYO1RX, MYO1RY, MYO1RZ, MYO1SA, MYO1SB, MYO1SC, MYO1SD, MYO1SE, MYO1SF, MYO1SG, MYO1SH, MYO1SI, MYO1SJ, MYO1SK, MYO1SL, MYO1SM, MYO1SN, MYO1SO, MYO1SP, MYO1SQ, MYO1SR, MYO1SS, MYO1ST, MYO1SU, MYO1SV, MYO1SW, MYO1SX, MYO1SY, MYO1SZ, MYO1TA, MYO1TB, MYO1TC, MYO1TD, MYO1TE, MYO1TF, MYO1TG, MYO1TH, MYO1TI, MYO1TJ, MYO1TK, MYO1TL, MYO1TM, MYO1TN, MYO1TO, MYO1TP, MYO1TQ, MYO1TR, MYO1TS, MYO1TT, MYO1TU, MYO1TV, MYO1TW, MYO1TX, MYO1TY, MYO1TZ, MYO1UA, MYO1UB, MYO1UC, MYO1UD, MYO1UE, MYO1UF, MYO1UG, MYO1UH, MYO1UI, MYO1UJ, MYO1UK, MYO1UL, MYO1UM, MYO1UN, MYO1UO, MYO1UP, MYO1UQ, MYO1UR, MYO1US, MYO1UT, MYO1UU, MYO1UV, MYO1UW, MYO1UX, MYO1UY, MYO1UZ, MYO1VA, MYO1VB, MYO1VC, MYO1VD, MYO1VE, MYO1VF, MYO1VG, MYO1VH, MYO1VI, MYO1VJ, MYO1VK, MYO1VL, MYO1VM, MYO1VN, MYO1VO, MYO1VP, MYO1VQ, MYO1VR, MYO1VS, MYO1VT, MYO1VU, MYO1VV, MYO1VW, MYO1VX, MYO1VY, MYO1VZ, MYO1WA, MYO1WB, MYO1WC, MYO1WD, MYO1WE, MYO1WF, MYO1WG, MYO1WH, MYO1WI, MYO1WJ, MYO1WK, MYO1WL, MYO1WM, MYO1WN, MYO1WO, MYO1WP, MYO1WQ, MYO1WR, MYO1WS, MYO1WT, MYO1WU, MYO1WV, MYO1WW, MYO1WX, MYO1WY, MYO1WZ, MYO1XA, MYO1XB, MYO1XC, MYO1XD, MYO1XE, MYO1XF, MYO1XG, MYO1XH, MYO1XI, MYO1XJ, MYO1XK, MYO1XL, MYO1XM, MYO1XN, MYO1XO, MYO1XP, MYO1XQ, MYO1XR, MYO1XS, MYO1XT, MYO1XU, MYO1XV, MYO1XW, MYO1XX, MYO1XY, MYO1XZ, MYO1YA, MYO1YB, MYO1YC, MYO1YD, MYO1YE, MYO1YF, MYO1YG, MYO1YH, MYO1YI, MYO1YJ, MYO1YK, MYO1YL, MYO1YM, MYO1YN, MYO1YO, MYO1YP, MYO1YQ, MYO1YR, MYO1YS, MYO1YT, MYO1YU, MYO1YV, MYO1YW, MYO1YX, MYO1YY, MYO1YZ, MYO1ZA, MYO1ZB, MYO1ZC, MYO1ZD, MYO1ZE, MYO1ZF, MYO1ZG, MYO1ZH, MYO1ZI, MYO1ZJ, MYO1ZK, MYO1ZL, MYO1ZM, MYO1ZN, MYO1ZO, MYO1ZP, MYO1ZQ, MYO1ZR, MYO1ZS, MYO1ZT, MYO1ZU, MYO1ZV, MYO1ZW, MYO1ZX, MYO1ZY, MYO1ZZ.