

SUPPLEMENTAL MATERIAL

Rao et al., <http://www.jem.org/cgi/content/full/jem.20081661/DC1>

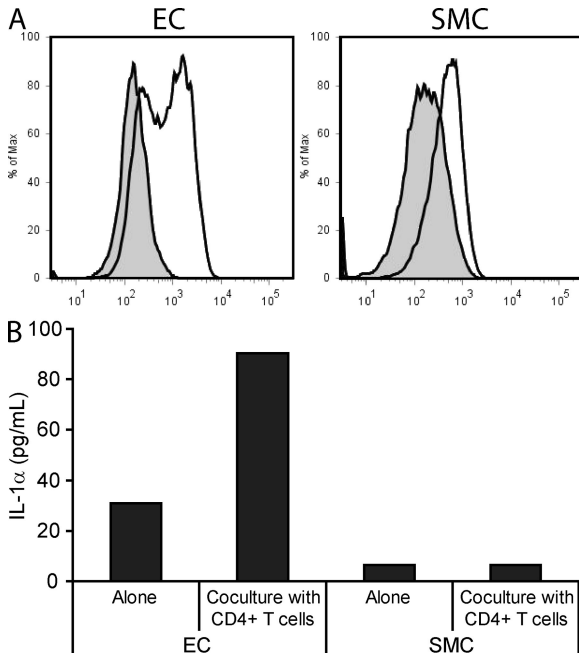


Figure S1. Induction of IL-1 α by co-culture with allogeneic T cells. ECs and SMCs were pretreated for 3 d with 50 ng/ml IFN- γ to induce MHC class II expression, washed thoroughly, and co-cultured with allogeneic CD4⁺ T cells. (A) MHC class II expression (continuous line) was confirmed on ECs and SMCs by flow cytometry before co-culture with T cells. Shaded histograms represent staining with an isotype control antibody. (B) After 3 d of co-culture with allogeneic CD4⁺ T cells, ECs and SMCs were purified and IL-1 α was measured by ELISA as in Fig. 1 B. Representative data from one experiment are shown. Similar results were obtained with three EC and two SMC donors.

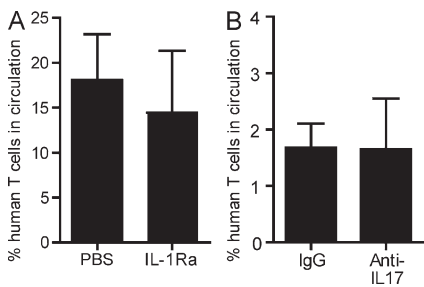


Figure S2. Effects of IL-1Ra and anti-IL-17 antibody on adoptive transfer of human T cells. Quantification of the percentage of human CD3⁺ T cells among the total leukocytes in the circulation of mice treated with (A) IL-1Ra or PBS, as in Fig. 2, or (B) an anti-IL-17 neutralizing antibody or isotype control, as in Fig. 6. The percentages represent human CD3⁺ cells/(mouse CD45⁺ cells + human CD3⁺ cells). Means \pm SEM are shown (A: $n = 10$ per group; B: IgG, $n = 6$ and anti-IL-17, $n = 5$ per group).

Table S1. Microarray analysis of IL-17-responses in human SMCs

| Fold change | Untreated | IL-17-treated | GenBank number | Probe ID | Gene symbol | Gene title |
|-------------|-----------|---------------|----------------|--------------|-------------|--|
| 20.80 | 87 | 1,812 | NM_000641 | 206924_at | IL11 | interleukin 11 |
| 15.29 | 25 | 382 | S77154 | 216248_s_at | NR4A2 | nuclear receptor subfamily 4, group A, member 2 |
| 13.90 | 53 | 740 | AW235671 | 230380_at | THAP2 | THAP domain containing, apoptosis associated protein 2 |
| 12.26 | 34 | 411 | AI935096 | 204621_s_at | NR4A2 | nuclear receptor subfamily 4, group A, member 2 |
| 11.70 | 60 | 705 | NM_001523 | 207316_at | HAS1 | hyaluronan synthase 1 |
| 11.29 | 37 | 413 | NM_006981 | 207978_s_at | NR4A3 | nuclear receptor subfamily 4, group A, member 3 |
| 10.83 | 39 | 426 | NM_006186 | 204622_x_at | NR4A2 | nuclear receptor subfamily 4, group A, member 2 |
| 7.99 | 106 | 847 | U12767 | 209959_at | NR4A3 | nuclear receptor subfamily 4, group A, member 3 |
| 6.40 | 400 | 2,561 | AY151286 | 1554997_a_at | PTGS2 | prostaglandin-endoperoxide synthase 2 |
| 5.96 | 197 | 1,176 | NM_001945 | 203821_at | HBEGF | heparin-binding EGF-like growth factor |
| 5.94 | 32 | 190 | NM_001657 | 205239_at | AREG | amphiregulin (schwannoma-derived growth factor) |
| 5.48 | 268 | 1,472 | NM_004591 | 205476_at | CCL20 | chemokine (C-C motif) ligand 20 |
| 4.90 | 119 | 584 | NM_002090 | 207850_at | CXCL3 | chemokine (C-X-C motif) ligand 3 |
| 4.51 | 155 | 698 | AI038059 | 231240_at | DIO2 | deiodinase, iodothyronine, type II |
| 4.43 | 96 | 424 | NM_001200 | 205290_s_at | BMP2 | bone morphogenetic protein 2 |
| 4.41 | 108 | 475 | AA876372 | 225516_at | SLC7A2 | solute carrier family 7 (cationic amino acid transporter, y+ system), member 2 |
| 4.35 | 1,164 | 5,062 | NM_000963 | 204748_at | PTGS2 | prostaglandin-endoperoxide synthase 2 |
| 4.30 | 244 | 1,049 | BE856336 | 226614_s_at | C8orf13 | chromosome 8 open reading frame 13 |
| 4.27 | 108 | 463 | NM_000710 | 207510_at | BDKRB1 | bradykinin receptor B1 |
| 4.05 | 153 | 622 | NM_002309 | 205266_at | LIF | leukemia inhibitory factor (cholinergic differentiation factor) |
| 4.03 | 95 | 383 | AF314090 | 210689_at | CLDN14 | claudin 14 |
| 3.97 | 90 | 356 | M60278 | 38037_at | HBEGF | heparin-binding EGF-like growth factor |
| 3.93 | 108 | 422 | R40917 | 204491_at | PDE4D | Phosphodiesterase 4D, cAMP-specific |
| 3.92 | 142 | 559 | AA583044 | 205289_at | BMP2 | bone morphogenetic protein 2 |
| 3.57 | 189 | 674 | M57765 | 206926_s_at | IL11 | interleukin 11 |
| 3.54 | 39 | 137 | AA446953 | 241749_at | LOC347273 | similar to RIKEN cDNA 2310039E09 |
| 3.44 | 32 | 109 | AA010315 | 230778_at | --- | Transcribed locus |
| 3.39 | 128 | 433 | NM_003483 | 208025_s_at | HMGGA2 | high mobility group AT-hook 2 /// high mobility group AT-hook 2 |
| 3.34 | 987 | 3,300 | AF043337 | 211506_s_at | IL8 | interleukin 8 |
| 3.32 | 51 | 171 | BC012486 | 1555673_at | KRTAP2-1 | keratin associated protein 2-1 |
| 3.27 | 111 | 362 | AV707102 | 225207_at | PK4 | pyruvate dehydrogenase kinase, isozyme 4 |
| 3.26 | 294 | 957 | NM_021972 | 219257_s_at | SPHK1 | sphingosine kinase 1 |
| 3.24 | 207 | 670 | AI633559 | 238623_at | --- | CDNA FLJ37310 fis, clone BRAMY2016706 |
| 3.24 | 175 | 569 | AI418293 | 238462_at | STS-1 | Cbl-interacting protein Sts-1 |
| 3.17 | 180 | 571 | AB037784 | 225847_at | AADACL1 | arylacamide deacetylase-like 1 |
| 3.17 | 138 | 437 | AI927919 | 238587_at | STS-1 | Cbl-interacting protein Sts-1 |
| 3.06 | 116 | 354 | AI341146 | 228033_at | E2F7 | E2F transcription factor 7 |
| 2.92 | 89 | 261 | U16996 | 209457_at | DUSP5 | dual specificity phosphatase 5 |
| 2.91 | 391 | 1,138 | N32557 | 226907_at | PPP1R14C | protein phosphatase 1, regulatory (inhibitor) subunit 14C |
| 2.90 | 79 | 229 | AI382146 | 202935_s_at | SOX9 | SRY (sex determining region Y)-box 9 |
| 2.87 | 492 | 1,410 | NM_014226 | 205130_at | RAGE | renal tumor antigen |
| 2.83 | 511 | 1,447 | NM_002923 | 202388_at | RGS2 | regulator of G-protein signalling 2, 24kDa |
| 2.82 | 132 | 371 | NM_003326 | 207426_s_at | TNFSF4 | tumor necrosis factor (ligand) superfamily, member 4 |
| 2.81 | 184 | 517 | BF111626 | 228559_at | C16orf60 | Chromosome 16 open reading frame 60 |
| 2.79 | 224 | 625 | AA780381 | 215498_s_at | MAP2K3 | mitogen-activated protein kinase kinase 3 |
| 2.76 | 1,270 | 3,511 | NM_000600 | 205207_at | IL6 | interleukin 6 (interferon, beta 2) |
| 2.73 | 988 | 2,700 | M27968 | 204421_s_at | FGF2 | fibroblast growth factor 2 (basic) |
| 2.73 | 47 | 129 | AA669114 | 239835_at | KBTBD8 | kelch repeat and BTB (POZ) domain containing 8 |
| 2.73 | 1,856 | 5,057 | NM_002575 | 204614_at | SERPINB2 | serpin peptidase inhibitor, clade B (ovalbumin), member 2 |
| 2.70 | 281 | 757 | AA425726 | 225582_at | KIAA1754 | KIAA1754 |

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|------|-------|-------|-----------|-------------|-----------|---|
| 2.68 | 74 | 199 | NM_005491 | 205088_at | CXorf6 | chromosome X open reading frame 6 |
| 2.68 | 112 | 300 | NM_006273 | 208075_s_at | CCL7 | chemokine (C-C motif) ligand 7 /// chemokine (C-C motif) ligand 7 |
| 2.68 | 54 | 145 | AK096850 | 1562367_at | FLJ39531 | FLJ39531 protein |
| 2.65 | 77 | 205 | AL518391 | 209047_at | AQP1 | aquaporin 1 (Colton blood group) |
| 2.64 | 743 | 1,962 | NM_000270 | 201695_s_at | NP | nucleoside phosphorylase |
| 2.63 | 51 | 133 | U53506 | 203699_s_at | DIO2 | deiodinase, iodothyronine, type II |
| 2.63 | 400 | 1,052 | AF269167 | 221685_s_at | CCDC99 | coiled-coil domain containing 99 |
| 2.62 | 189 | 494 | NM_030775 | 221029_s_at | WNT5B | wingless-type MMTV integration site family, member 5B |
| 2.61 | 1,206 | 3,152 | M15330 | 39402_at | IL1B | interleukin 1, beta |
| 2.61 | 255 | 666 | NM_001444 | 202345_s_at | FABP5 | fatty acid binding protein 5 (psoriasis-associated) |
| 2.59 | 89 | 230 | AU144912 | 209540_at | IGF1 | insulin-like growth factor 1 (somatomedin C) |
| 2.57 | 1,647 | 4,229 | NM_000576 | 205067_at | IL1B | interleukin 1, beta |
| 2.54 | 498 | 1,265 | NM_021013 | 206969_at | KRTHA4 | keratin, hair, acidic, 4 |
| 2.54 | 653 | 1,656 | AA780381 | 215499_at | LOC651423 | similar to mitogen-activated protein kinase kinase 3 isoform A |
| 2.53 | 83 | 209 | U65590 | 212657_s_at | IL1RN | interleukin 1 receptor antagonist |
| 2.51 | 2,095 | 5,267 | NM_001069 | 204141_at | TUBB2A | tubulin, beta 2A |
| 2.51 | 63 | 159 | NM_000167 | 207387_s_at | GK | glycerol kinase |
| 2.51 | 2,180 | 5,468 | NM_000584 | 202859_x_at | IL8 | interleukin 8 |
| 2.45 | 84 | 206 | NM_002185 | 205798_at | IL7R | interleukin 7 receptor /// interleukin 7 receptor |
| 2.44 | 251 | 613 | AB037820 | 230112_at | --- | membrane-associated ring finger (C3HC4) 4 |
| 2.43 | 674 | 1,640 | BE646573 | 223217_s_at | NFKBIZ | nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor,zeta |
| 2.42 | 1,418 | 3,434 | AL021977 | 36711_at | MAFF | v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian) |
| 2.42 | 291 | 705 | NM_012323 | 205193_at | MAFF | v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian) |
| 2.42 | 132 | 319 | NM_013989 | 203700_s_at | DIO2 | deiodinase, iodothyronine, type II |
| 2.40 | 201 | 482 | AF169312 | 223333_s_at | ANGPTL4 | angiopoietin-like 4 |
| 2.40 | 102 | 244 | U41815 | 210793_s_at | NUP98 | nucleoporin 98kDa |
| 2.40 | 154 | 370 | AI972496 | 209541_at | IGF1 | insulin-like growth factor 1 (somatomedin C) |
| 2.39 | 106 | 254 | AW450874 | 227613_at | ZNF331 | zinc finger protein 331 |
| 2.37 | 396 | 940 | AF001294 | 209803_s_at | PHLDA2 | pleckstrin homology-like domain, family A, member 2 |
| 2.37 | 471 | 1,114 | AL035541 | 222449_at | TMEPAI | transmembrane, prostate androgen induced RNA |
| 2.37 | 1,451 | 3,434 | NM_002006 | 204422_s_at | FGF2 | fibroblast growth factor 2 (basic) |
| 2.36 | 74 | 176 | AI830490 | 214681_at | GK | glycerol kinase |
| 2.35 | 119 | 279 | NM_000346 | 202936_s_at | SOX9 | SRY (sex determining region Y)-box 9 |
| 2.34 | 218 | 510 | BE465475 | 229310_at | KBTBD9 | kelch repeat and BTB (POZ) domain containing 9 |
| 2.34 | 140 | 328 | NM_016569 | 219682_s_at | TBX3 | T-box 3 (ulnar mammary syndrome) |
| 2.31 | 221 | 510 | AF064238 | 209427_at | SMTN | smoothelin |
| 2.29 | 210 | 481 | NM_018555 | 219228_at | ZNF331 | zinc finger protein 331 |
| 2.28 | 184 | 419 | BF878343 | 235204_at | COX15 | COX15 homolog, cytochrome c oxidase assembly protein (yeast) |
| 2.28 | 158 | 361 | AL136861 | 221541_at | CRISPLD2 | cysteine-rich secretory protein LCCL domain containing 2 |
| 2.28 | 213 | 486 | AI949549 | 227948_at | FGD4 | FYVE, RhoGEF and PH domain containing 4 |
| 2.27 | 46 | 104 | AK023669 | 222118_at | C16orf60 | chromosome 16 open reading frame 60 |
| 2.27 | 73 | 165 | AA037664 | 228359_at | STS-1 | Cbl-interacting protein Sts-1 |
| 2.26 | 744 | 1,681 | NM_005328 | 206432_at | HAS2 | hyaluronan synthase 2 |
| 2.24 | 214 | 480 | AI805006 | 229055_at | GPR68 | G protein-coupled receptor 68 |
| 2.23 | 118 | 263 | NM_004973 | 203298_s_at | JARID2 | Jumonji, AT rich interactive domain 2 |
| 2.23 | 128 | 284 | AI991459 | 235236_at | DOCK2 | Dedicator of cytokinesis 2 |
| 2.22 | 420 | 933 | NM_000597 | 202718_at | IGFBP2 | insulin-like growth factor binding protein 2, 36kDa |
| 2.21 | 194 | 428 | NM_006932 | 207390_s_at | SMTN | smoothelin |
| 2.20 | 407 | 897 | AA736452 | 229553_at | PGM2L1 | phosphoglucomutase 2-like 1 |
| 2.20 | 1,137 | 2,505 | AB018009 | 201195_s_at | SLC7A5 | solute carrier family 7 (cationic amino acid transporter, y+ system), member 5 |
| 2.20 | 56 | 123 | AI015547 | 244499_at | PSRC2 | proline/serine-rich coiled-coil 2 |
| 2.20 | 71 | 156 | NM_013959 | 206343_s_at | NRG1 | neuregulin 1 |

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|-------|-------|-------|-----------|-------------|--------------|--|
| 2.19 | 572 | 1,253 | AB046813 | 225989_at | HERC4 | hect domain and RLD 4 |
| 2.19 | 58 | 127 | AI939474 | 237817_at | SSR3 | Signal sequence receptor, gamma (translocon-associated protein gamma) |
| 2.19 | 86 | 189 | NM_002595 | 206474_at | PCK2 | PCTAIRE protein kinase 2 |
| 2.19 | 359 | 786 | AV701177 | 225283_at | ARRDC4 | arrestin domain containing 4 |
| 2.19 | 2,177 | 4,759 | BC004188 | 208977_x_at | TUBB2C | tubulin, beta 2C |
| 2.18 | 161 | 351 | NM_020354 | 220153_at | ENTPD7 | ectonucleoside triphosphate diphosphohydrolase 7 |
| 2.18 | 183 | 399 | AA128023 | 213103_at | STARD13 | START domain containing 13 |
| 2.18 | 212 | 462 | NM_006577 | 219326_s_at | B3GNT2 | UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2 |
| 2.17 | 1,032 | 2,240 | NM_001511 | 204470_at | CXCL1 | chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha) |
| 2.16 | 168 | 364 | AK021780 | 212722_s_at | PTDSR | phosphatidyserine receptor |
| 2.16 | 600 | 1,296 | AI693140 | 213725_x_at | LOC283824 | hypothetical protein LOC283824 |
| 2.16 | 803 | 1,734 | AI374739 | 230372_at | --- | Transcribed locus, strongly similar to XP_528222.1 |
| 2.16 | 605 | 1,304 | NM_006392 | 200875_s_at | NOL5A | nucleolar protein 5A (56kDa with KKE/D repeat) |
| 2.15 | 207 | 445 | BC005259 | 210813_s_at | XRCC4 | X-ray repair complementing defective repair in Chinese hamster cells 4 |
| 2.15 | 805 | 1,730 | AI263909 | 212099_at | RHOB | ras homolog gene family, member B |
| 2.15 | 2,077 | 4,465 | AA515698 | 213726_x_at | TUBB2C | tubulin, beta 2C |
| 2.14 | 118 | 253 | AV704132 | 224828_at | CPEB4 | cytoplasmic polyadenylation element binding protein 4 |
| 2.14 | 316 | 676 | AA293502 | 218177_at | CHMP1B | chromatin modifying protein 1B |
| 2.14 | 280 | 599 | AB017445 | 205071_x_at | XRCC4 | X-ray repair complementing defective repair in Chinese hamster cells 4 |
| 2.14 | 315 | 673 | AF288208 | 222870_s_at | B3GNT2 | UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2 |
| 2.13 | 277 | 592 | NM_001905 | 202613_at | CTPS | CTP synthase |
| 2.13 | 427 | 911 | BF971587 | 209372_x_at | TUBB2A /// B | tubulin, beta 2A /// tubulin, beta 2B |
| 2.13 | 889 | 1,895 | BG292233 | 201626_at | INSIG1 | insulin induced gene 1 |
| 2.12 | 528 | 1,119 | NM_005542 | 201627_s_at | INSIG1 | insulin induced gene 1 |
| 2.12 | 204 | 432 | AI968085 | 213425_at | WNT5A | wingless-type MMTV integration site family, member 5A |
| 2.11 | 464 | 980 | NM_007026 | 203367_at | DUSP14 | dual specificity phosphatase 14 |
| 2.10 | 188 | 395 | NM_000161 | 204224_s_at | GCH1 | GTP cyclohydrolase 1 (dopa-responsive dystonia) |
| 2.10 | 269 | 564 | AI703321 | 231227_at | --- | Transcribed locus, strongly similar to NP_003383.2 |
| 2.10 | 1,128 | 2,364 | NM_012334 | 201976_s_at | MYO10 | myosin X |
| 2.08 | 82 | 172 | AA196325 | 221994_at | PDLIM5 | PDZ and LIM domain 5 |
| 2.08 | 986 | 2,053 | NM_006086 | 202154_x_at | TUBB3 | tubulin, beta 3 |
| 2.08 | 1,125 | 2,339 | AB037925 | 223218_s_at | NFKBIZ | nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta |
| 2.08 | 312 | 648 | AV724329 | 229256_at | PGM2L1 | phosphoglucomutase 2-like 1 |
| 2.07 | 236 | 489 | AI735586 | 229485_x_at | LOC152573 | hypothetical protein BC012029 |
| 2.07 | 2,229 | 4,608 | AL565749 | 213476_x_at | TUBB3 | tubulin, beta 3 |
| 2.06 | 473 | 974 | BG231691 | 226206_at | MAFK | v-maf musculoaponeurotic fibrosarcoma oncogene homolog K (avian) |
| 2.05 | 128 | 263 | AF069506 | 223467_at | RASD1 | RAS, dexamethasone-induced 1 |
| 2.04 | 512 | 1042 | AL035541 | 222450_at | TMEPAI | transmembrane, prostate androgen induced RNA |
| 2.03 | 310 | 631 | NM_007147 | 205497_at | ZNF175 | zinc finger protein 175 |
| 2.02 | 1,999 | 4,038 | NM_005627 | 201739_at | SGK | serum/glucocorticoid regulated kinase |
| 2.02 | 83 | 167 | BF590917 | 244025_at | --- | --- |
| 2.02 | 261 | 527 | BG029530 | 203297_s_at | JARID2 | Jumonji, AT rich interactive domain 2 |
| 2.02 | 214 | 431 | NM_013246 | 219500_at | CLCF1 | cardiotrophin-like cytokine factor 1 |
| 2.01 | 214 | 430 | BC001373 | 223264_at | MESDC1 | mesoderm development candidate 1 |
| -2.00 | 122 | 61 | NM_018940 | 231738_at | PCDHB7 | protocadherin beta 7 |
| -2.00 | 2,250 | 1,124 | NM_022748 | 217853_at | TNS3 | tensin 3 |
| -2.01 | 433 | 215 | AL565238 | 225956_at | LOC153222 | adult retina protein |
| -2.01 | 338 | 168 | T54159 | 213820_s_at | STARD5 | START domain containing 5 |
| -2.01 | 1,397 | 695 | NM_005261 | 204472_at | GEM | GTP binding protein overexpressed in skeletal muscle |
| -2.02 | 636 | 315 | U50748 | 209894_at | LEPR | leptin receptor |
| -2.02 | 198 | 98 | AL589603 | 225894_at | SYNPO2 | synaptopodin 2 |
| -2.03 | 1,183 | 584 | BF001670 | 202668_at | EFNB2 | ephrin-B2 |

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|-------|-------|-------|-----------|-------------|-----------|--|
| -2.03 | 1,397 | 687 | BE883841 | 225123_at | --- | MRNA; cDNA DKFZp313B1017 (from clone DKFZp313B1017) |
| -2.04 | 3,417 | 1,675 | AI355441 | 225239_at | --- | CDNA FLJ26120 fis, clone SYN00419 |
| -2.05 | 387 | 189 | AL353944 | 232231_at | RUNX2 | runt-related transcription factor 2 |
| -2.06 | 431 | 210 | N24643 | 201294_s_at | WSB1 | WD repeat and SOCS box-containing 1 |
| -2.06 | 601 | 291 | NM_006895 | 204112_s_at | HNMT | histamine N-methyltransferase |
| -2.07 | 244 | 118 | AI089319 | 238206_at | --- | Transcribed locus, strongly similar to NP_067647.1 |
| -2.07 | 105 | 51 | BC003614 | 211214_s_at | DAPK1 | death-associated protein kinase 1 |
| -2.08 | 177 | 85 | NM_001393 | 206101_at | ECM2 | extracellular matrix protein 2, female organ and adipocyte specific |
| -2.09 | 122 | 58 | NM_021977 | 205421_at | SLC22A3 | solute carrier family 22 (extraneuronal monoamine transporter), member 3 |
| -2.10 | 379 | 180 | BE910600 | 217599_s_at | MDFIC | MyoD family inhibitor domain containing |
| -2.10 | 156 | 74 | AI088609 | 229947_at | PI15 | peptidase inhibitor 15 |
| -2.11 | 105 | 50 | AJ276230 | 215723_s_at | PLD1 | phospholipase D1, phosphatidylcholine-specific |
| -2.11 | 363 | 172 | NM_000609 | 203666_at | CXCL12 | chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1) |
| -2.12 | 103 | 49 | M17863 | 210881_s_at | IGF2 | insulin-like growth factor 2 (somatomedin A) |
| -2.13 | 189 | 89 | NM_004619 | 204352_at | TRAF5 | TNF receptor-associated factor 5 |
| -2.13 | 122 | 57 | NM_004734 | 205399_at | DCAMK1 | doublecortin and CaM kinase-like 1 |
| -2.14 | 730 | 342 | AW450363 | 202206_at | ARL4C | ADP-ribosylation factor-like 4C |
| -2.14 | 309 | 144 | AB037810 | 225056_at | SIPA1L2 | signal-induced proliferation-associated 1 like 2 |
| -2.15 | 354 | 165 | NM_000201 | 202638_s_at | ICAM1 | intercellular adhesion molecule 1 (CD54), human rhinovirus receptor |
| -2.15 | 278 | 129 | AI002715 | 222379_at | --- | Transcribed locus, strongly similar to NP_542402.1 |
| -2.15 | 136 | 63 | AI244908 | 227697_at | SOCS3 | suppressor of cytokine signaling 3 |
| -2.15 | 492 | 228 | NM_003641 | 201601_x_at | IFITM1 | interferon induced transmembrane protein 1 (9-27) |
| -2.16 | 172 | 79 | NM_000612 | 202410_x_at | IGF2 | insulin-like growth factor 2 (somatomedin A) |
| -2.17 | 118 | 54 | AI811298 | 213568_at | OSR2 | odd-skipped related 2 (Drosophila) |
| -2.17 | 105 | 48 | AW237741 | 229114_at | --- | CDNA clone IMAGE:4801326 |
| -2.19 | 376 | 172 | BF685808 | 235683_at | SESN3 | sestrin 3 |
| -2.21 | 439 | 199 | AA809487 | 231042_s_at | --- | Transcribed locus |
| -2.21 | 142 | 64 | NM_080671 | 1552507_at | KCNE4 | potassium voltage-gated channel, Isk-related family, member 4 |
| -2.22 | 243 | 110 | NM_021255 | 219132_at | PELI2 | pellino homolog 2 (Drosophila) |
| -2.22 | 499 | 225 | AW511222 | 241879_at | --- | Transcribed locus, moderately similar to XP_517655.1 |
| -2.22 | 197 | 89 | BE673587 | 229151_at | SLC14A1 | Solute carrier family 14 (urea transporter), member 1 (Kidd blood group) |
| -2.22 | 747 | 336 | N21643 | 225328_at | --- | CDNA FLJ39585 fis, clone SKMUS2006633 |
| -2.22 | 140 | 63 | AI498395 | 239262_at | PRSS23 | Protease, serine, 23 |
| -2.23 | 165 | 74 | NM_080671 | 1552508_at | KCNE4 | potassium voltage-gated channel, Isk-related family, member 4 |
| -2.24 | 306 | 137 | NM_015865 | 205856_at | SLC14A1 | solute carrier family 14 (urea transporter), member 1 (Kidd blood group) |
| -2.24 | 158 | 71 | NM_025151 | 219681_s_at | RAB11FIP1 | RAB11 family interacting protein 1 (class I) |
| -2.25 | 1,563 | 695 | AF208043 | 208966_x_at | IFI16 | interferon, gamma-inducible protein 16 |
| -2.25 | 328 | 146 | AA528140 | 228057_at | DDIT4L | DNA-damage-inducible transcript 4-like |
| -2.26 | 512 | 227 | AL136778 | 223627_at | RKHD3 | ring finger and KH domain containing 3 |
| -2.26 | 230 | 102 | AI805323 | 231804_at | RXFP1 | relaxin/insulin-like family peptide receptor 1 |
| -2.26 | 144 | 64 | NM_004572 | 207717_s_at | PKP2 | plakophilin 2 |
| -2.26 | 158 | 70 | AU146709 | 230660_at | SERTAD4 | SERTA domain containing 4 |
| -2.27 | 2,372 | 1,046 | AU155361 | 227062_at | TncRNA | trophoblast-derived noncoding RNA |
| -2.27 | 1,508 | 663 | U19495 | 209687_at | CXCL12 | chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1) |
| -2.28 | 289 | 127 | AF316824 | 224396_s_at | ASPN | asporin (LRR class 1) /// asporin (LRR class 1) |
| -2.29 | 1,051 | 458 | AL136653 | 209183_s_at | C10orf10 | chromosome 10 open reading frame 10 |
| -2.30 | 814 | 353 | NM_019555 | 218501_at | ARHGEF3 | Rho guanine nucleotide exchange factor (GEF) 3 |
| -2.31 | 332 | 144 | R72286 | 212713_at | MFAP4 | microfibrillar-associated protein 4 |
| -2.31 | 102 | 44 | AL575306 | 224997_x_at | H19 | H19, imprinted maternally expressed untranslated mRNA |
| -2.31 | 873 | 377 | AW188464 | 230083_at | --- | Full length insert cDNA clone Y148C03 |
| -2.31 | 1,873 | 809 | NM_005531 | 206332_s_at | IFI16 | interferon, gamma-inducible protein 16 |
| -2.32 | 494 | 213 | L37882 | 210220_at | FZD2 | frizzled homolog 2 (Drosophila) |

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|-------|-------|-------|-----------|--------------|-----------|---|
| -2.34 | 3,324 | 1,423 | NM_001124 | 202912_at | ADM | adrenomedullin |
| -2.34 | 4,672 | 1,999 | NM_000900 | 202291_s_at | MGP | matrix Gla protein |
| -2.34 | 684 | 292 | BC001051 | 202208_s_at | ARL4C | ADP-ribosylation factor-like 4C |
| -2.36 | 337 | 143 | NM_030781 | 221019_s_at | COLEC12 | collectin sub-family member 12 /// collectin sub-family member 12 |
| -2.37 | 310 | 131 | NM_021634 | 1552715_a_at | RXFP1 | relaxin/insulin-like family peptide receptor 1 |
| -2.38 | 1,230 | 517 | BG435404 | 202207_at | ARL4C | ADP-ribosylation factor-like 4C |
| -2.38 | 173 | 73 | AW269818 | 222908_at | FAM38B | family with sequence similarity 38, member B |
| -2.39 | 263 | 110 | W60806 | 222662_at | LOC286044 | hypothetical protein LOC286044 |
| -2.41 | 794 | 330 | NM_000591 | 201743_at | CD14 | CD14 molecule /// CD14 molecule |
| -2.42 | 787 | 325 | BG150485 | 228754_at | SLC6A6 | solute carrier family 6 (neurotransmitter transporter, taurine), member 6 |
| -2.42 | 726 | 300 | AW264204 | 228335_at | CLDN11 | claudin 11 (oligodendrocyte transmembrane protein) |
| -2.45 | 221 | 90 | NM_014862 | 202986_at | ARNT2 | aryl-hydrocarbon receptor nuclear translocator 2 |
| -2.45 | 383 | 156 | NM_022469 | 220794_at | GREM2 | gremlin 2, cysteine knot superfamily, homolog (Xenopus laevis) |
| -2.46 | 132 | 54 | BC022479 | 1554378_a_at | PDE1C | phosphodiesterase 1C, calmodulin-dependent 70kDa |
| -2.47 | 140 | 57 | AW080835 | 227285_at | C1orf51 | chromosome 1 open reading frame 51 |
| -2.48 | 208 | 84 | AW952781 | 235174_s_at | LOC641917 | hypothetical protein LOC641917 /// hypothetical protein LOC644271 |
| -2.48 | 283 | 114 | AI761621 | 225768_at | NR1D2 | nuclear receptor subfamily 1, group D, member 2 |
| -2.49 | 455 | 183 | AW376955 | 235150_at | --- | MRNA; cDNA DKFZp313B1017 (from clone DKFZp313B1017) |
| -2.50 | 685 | 274 | AA749101 | 214022_s_at | IFITM1 | interferon induced transmembrane protein 1 (9-27) |
| -2.52 | 188 | 74 | NM_014210 | 204774_at | EVI2A | ecotropic viral integration site 2A |
| -2.55 | 111 | 43 | AF142573 | 223475_at | CRISPLD1 | cysteine-rich secretory protein LCCL domain containing 1 |
| -2.56 | 158 | 62 | AW731710 | 228697_at | --- | --- |
| -2.58 | 248 | 96 | BF111821 | 201295_s_at | WSB1 | WD repeat and SOCS box-containing 1 |
| -2.60 | 445 | 171 | BG434174 | 213413_at | STON1 | stonin 1 |
| -2.61 | 1,304 | 500 | AV659198 | 238320_at | TncRNA | trophoblast-derived noncoding RNA |
| -2.62 | 126 | 48 | AV724325 | 238673_at | --- | Transcribed locus |
| -2.63 | 1,214 | 461 | NM_014890 | 204135_at | DOC1 | downregulated in ovarian cancer 1 |
| -2.65 | 723 | 272 | BG256677 | 208965_s_at | IFI16 | interferon, gamma-inducible protein 16 |
| -2.70 | 673 | 250 | NM_017680 | 219087_at | ASPN | asporin (LRR class 1) |
| -2.75 | 163 | 60 | N78412 | 242899_at | --- | MRNA; cDNA DKFZp313B1017 (from clone DKFZp313B1017) |
| -2.75 | 971 | 353 | AF329092 | 1554966_a_at | DOC1 | downregulated in ovarian cancer 1 |
| -2.82 | 196 | 69 | NM_002705 | 203407_at | PPL | periplakin |
| -2.91 | 554 | 190 | NM_004657 | 218711_s_at | SDPR | serum deprivation response (phosphatidylserine binding protein) |
| -2.95 | 722 | 244 | BF982174 | 222717_at | SDPR | serum deprivation response (phosphatidylserine binding protein) |
| -2.98 | 142 | 48 | AI758223 | 228268_at | FMO2 | flavin containing monooxygenase 2 |
| -3.00 | 188 | 63 | BC020718 | 1555564_a_at | CFI | complement factor I |
| -3.03 | 189 | 62 | NM_000204 | 203854_at | CFI | complement factor I |
| -3.04 | 335 | 110 | AF225513 | 223551_at | PKIB | protein kinase (cAMP-dependent, catalytic) inhibitor beta |
| -3.05 | 198 | 65 | M24317 | 209612_s_at | ADH1B | alcohol dehydrogenase IB (class I), beta polypeptide |
| -3.06 | 209 | 68 | AI765006 | 235775_at | TMTC2 | transmembrane and tetratricopeptide repeat containing 2 |
| -3.09 | 809 | 261 | NM_004938 | 203139_at | DAPK1 | death-associated protein kinase 1 |
| -3.10 | 412 | 133 | BC000069 | 209496_at | RARRES2 | retinoic acid receptor responder (tazarotene induced) 2 |
| -3.11 | 455 | 146 | N32859 | 209750_at | NR1D2 | nuclear receptor subfamily 1, group D, member 2 |
| -3.19 | 997 | 312 | AI524125 | 219737_s_at | PCDH9 | protocadherin 9 |
| -3.36 | 209 | 62 | BC005894 | 211726_s_at | FMO2 | flavin containing monooxygenase 2 /// flavin containing monooxygenase 2 |
| -3.57 | 504 | 141 | AL136944 | 223044_at | SLC40A1 | solute carrier family 40 (iron-regulated transporter), member 1 |
| -3.64 | 656 | 180 | AW207243 | 238617_at | --- | CDNA FLJ38181 fis, clone FCBBF1000125 |
| -4.02 | 297 | 74 | R49295 | 238919_at | PCDH9 | Protocadherin 9 |
| -4.16 | 312 | 75 | AI345957 | 226930_at | FNDC1 | fibronectin type III domain containing 1 |
| -4.24 | 241 | 57 | AL359601 | 231930_at | ELMOD1 | ELMO/CED-12 domain containing 1 |
| -4.48 | 821 | 183 | BE857425 | 221530_s_at | BHLHB3 | basic helix-loop-helix domain containing, class B, 3 |
| -5.34 | 862 | 161 | NM_001078 | 203868_s_at | VCAM1 | vascular cell adhesion molecule 1 |

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|-------|-------|-----|-----------|-------------|----------|--|
| -5.38 | 236 | 44 | NM_014057 | 218730_s_at | OGN | osteoglycin (osteoinductive factor, mimecan) |
| -5.50 | 693 | 126 | AF348078 | 223939_at | SUCNR1 | succinate receptor 1 |
| -5.93 | 1,020 | 172 | X07868 | 202409_at | C11orf43 | chromosome 11 open reading frame 43 |
| -5.93 | 496 | 84 | AV700059 | 222722_at | OGN | osteoglycin (osteoinductive factor, mimecan) |
| -6.08 | 150 | 25 | AI765819 | 205907_s_at | OMD | osteomodulin |
