

Table S4. DEGs between F-36P and F-36P/DEC cells.

| | Gene Name | Accession Number | Description |
|----|-----------|------------------|--|
| 1 | AKT3 | NM_181690 | V-akt murine thymoma viral oncogene homolog 3 |
| 2 | AMER1 | NM_152424 | Wilms tumor gene on the X chromosome protein |
| 3 | BCL2 | NM_000657 | Apoptosis regulator Bcl-2 |
| 4 | BCL2A1 | NM_004049 | Hemopoietic-specific early response protein |
| 5 | BCL2L11 | NM_207002 | Bcl2-interacting mediator of cell death |
| 6 | CDKN1A | NM_000389 | Cyclin-dependent kinase inhibitor 1A |
| 7 | CDKN2A | NM_001195132 | Cyclin-dependent kinase 4 inhibitor A |
| 8 | CDKN2D | NM_001800 | Cyclin-dependent kinase inhibitor 2D |
| 9 | CREB3L4 | NM_130898 | Cyclic AMP-responsive element-binding protein 3-like protein 4 |
| 10 | DUSP6 | BC_037236 | Mitogen-activated protein kinase phosphatase 3 |
| 11 | EGF | NM_001963 | Pro-epidermal growth factor |
| 12 | EPO | NM_000799.2 | Erythropoietin |
| 13 | ETS1 | NM_001162422 | V-ets avian erythroblastosis virus E26 oncogene homolog 1 |
| 14 | FGF1 | NM_033137.1 | Fibroblast growth factor 1 |
| 15 | FGF11 | NM_004112 | Fibroblast growth factor homologous factor 3 |
| 16 | FOS | NM_005252 | FBJ murine osteosarcoma viral oncogene homolog |
| 17 | FZD7 | NM_003507 | Frizzled class receptor 7 |
| 18 | GFI1 | NM_005263 | Growth factor independent 1 transcription repressor |
| 19 | GNA11 | NM_002067 | Guanine nucleotide binding protein, alpha 11 |
| 20 | HMGA1 | NM_145904 | High mobility group protein HMG-I/HMG-Y |
| 21 | HSPA2 | NM_021979 | Heat shock-related 70 kDa protein 2 |
| 22 | ID1 | NM_002165 | Inhibitor of DNA binding 1, dominant negative helix-loop-helix protein |
| 23 | ID2 | NM_002166 | Inhibitor of DNA binding 2, dominant negative helix-loop-helix protein |
| 24 | IFNA17 | NM_021268 | Interferon, alpha 17 |
| 25 | IL11RA | NM_147162 | Interleukin-11 receptor subunit alpha |
| 26 | IL12B | NM_002187 | Cytotoxic lymphocyte maturation factor 40 kDa subunit |
| 27 | ITGA1 | NM_181501 | CD49 antigen-like family member A |
| 28 | ITGA6 | NM_000210 | CD49 antigen-like family member F |
| 29 | ITGA9 | NM_002207 | Integrin alpha-RLC |
| 30 | KL | AB_005141 | Klotho |
| 31 | KMT2E | AF_519459 | Myeloid/lymphoid or mixed-lineage leukemia protein 5 |
| 32 | LMX1B | NM_002316 | LIM homeobox transcription factor 1, beta |

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| 33 | LTBP1 | NM_000627 | Latent transforming growth factor beta binding protein 1 |
| 34 | MAPK10 | NM_002753 | Stress-activated protein kinase JNK3 |
| 35 | MCL1 | AF_118124 | Induced myeloid leukemia cell differentiation protein Mcl1 |
| 36 | MECOM | NM_005241 | Ecotropic virus integration site 1 protein homolog |
| 37 | MET | NM_000245 | MET proto-oncogene, receptor tyrosine kinase |
| 38 | NFATC1 | NM_172389 | Nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1 |
| 39 | NFKB1 | NM_003998.2 | Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 |
| 40 | NFKBIZ | NM_001005474 | Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta |
| 41 | NOTCH1 | NM_017617 | Translocation-associated notch protein TAN-1 |
| 42 | PRKAA2 | NM_006252 | 5'-AMP-activated protein kinase catalytic subunit alpha-2 |
| 43 | PTPRR | NM_001207015 | Protein tyrosine phosphatase, receptor type, R |
| 44 | RELN | NM_005045.2 | Reelin |
| 45 | RPS6KA5 | NM_004755 | Nuclear mitogen- and stress-activated protein kinase 1 |
| 46 | RUNX1T1 | NM_004349 | Runt-related transcription factor 1 |
| 47 | SHH | NM_000193 | Shh unprocessed N-terminal signaling and C-terminal autoprocessing domains |
| 48 | SPP1 | NM_000582 | Secreted phosphoprotein 1 |
| 49 | SPRY2 | NM_005842 | Sprouty homolog 2 |
| 50 | STAT3 | NM_213662 | Signal transducer and activator of transcription 3 |
| 51 | TNFRSF10B | NM_003842.3 | Tumor necrosis factor receptor superfamily, member 10b |
| 52 | TUBB3 | NM_006086.3 | Tubulin, beta 3 class III |
| 53 | WNT3 | NM_030753 | Wingless-type MMTV integration site family, member 3 |
| 54 | WNT5A | NM_003392 | Wingless-type MMTV integration site family, member 5A |
