

(A)

| | PubMed | SAGE | GIS | Lee_NIH | Kim_NIH | TableX_mRNA | TableX_protein | Distinct genes |
|----------------|---------------|------------|-----------|---------------|---------------|-------------------|----------------------|----------------|
| SMD1648 (1161) | 138 | 104 | 61 | 75 | 66 | 115 | 25 | 790 (68.0%) |
| | PubMed (1084) | 75 | 29 | 69 | 48 | 123 | 33 | 754 (69.6%) |
| | | SAGE (391) | 10 | 33 | 38 | 74 | 26 | 185 (47.3%) |
| | | | GIS (199) | 16 | 9 | 34 | 8 | 94 (47.2%) |
| | | | | Lee_NIH (314) | 20 | 36 | 14 | 144 (45.9%) |
| | | | | | Kim_NIH (224) | 36 | 8 | 102 (45.5%) |
| | | | | | | TableX_mRNA (385) | 26 | 138 (35.8%) |
| | | | | | | | TableX_protein (104) | 34 (32.7%) |

(B)

| Frequency | Gene Count |
|-----------|--------------|
| 1 | 2243 (77.2%) |
| 2 | 450 (15.5%) |
| 3 | 151 (5.2%) |
| 4 | 46 (1.6%) |
| 5 | 14 (0.5%) |
| 6 | 2 (0.1%) |

(C)

| KEGG Pathway Analysis | Gene Count |
|----------------------------------------|------------|
| Cytokine-cytokine receptor interaction | 102 |
| MAPK signaling pathway | 88 |
| Focal adhesion | 75 |
| Jak-STAT signaling pathway | 61 |
| Regulation of actin cytoskeleton | 54 |

(D)

| BioCarta Pathway Analysis | Gene Count |
|----------------------------------------------------------------------------|------------|
| MAPKinase Signaling Pathway | 38 |
| HIV-1 Nef: negative effector of Fas and TNF | 33 |
| Mechanism of Gene Regulation by Peroxisome Proliferators via PPAR α | 29 |
| Keratinocyte Differentiation | 26 |
| Nuclear Receptors in Lipid Metabolism and Toxicity | 24 |

(E)

