Suppl. Fig. 3 (A) GMCSF-induced gene pool

Molecular function



Protein binding (54.8%)
Molecular transducer activity (11.5%)
Receptor activity (7.9%)
Zinc ion binding (7.0%)
GTPase activity (4.2%)
Cytokine activity (4.0%)
G-protein-couple receptor binding (3.0%)
Chemokine receptor binding (2.8%)
Transmembrane receptor activity (1.9%)
Peptide binding (1.1%)
G-protein coupled receptor activity (0.8%)
SUMO ligase activity (0.6%)
Peptide receptor activity (0.4%)

(B) GCSF-induced gene pool

Molecular function



Biological Process

Localization (16.2%) Response to stimulus (14.1%) Cellular component organization (11.8%) Immune system process (8.5%) Response to stress (8.2%) Response to external stimulus (5.9%) Response to chemical stimulus (5.4%) Cell surface receptor linked signal transduction (5.3%) Defense response (4.4%) Locomotion (4.2%) Inflammatory response (3.4%) Vesicle mediated transport (3.4%) Establishment or maintenance of chromatin architecture (3.0%) Response to biotic stimulus (2.4%) G-protein coupled receptor protein signaling pathway (1.8%) Myeloid cell differentiation (1.4%) Acute-phase response (0.7%) Lamellipodium assembly (0.5%) Angiogenesis involved in wound healing (0.3%)

Biological Process



Localization (29.3%) Cellular component organization (23.0%) Organelle organization (14.1%) Cellular component assembly (9.1%) Macromolecular complex subunit organization (8.3%) Zinc ion binding (4.7%) Establishment or maintenance of chromatin architecture (6.1%) G-protein coupled receptor protein signaling pathway (3.0%)