Additional file 2.

Significant pathways in dataset 2 and 3

[1] KEGG ether lipid metabolism
[2] KEGG RNA degradation
[3] KEGG DNA replication
[4] KEGG mismatch repair
[5] KEGG homologous recombination
[7] KEGG cell adhesion molecules (CAMs)
[8] KEGG adipocytokine signaling pathway
[9] BIOCARTA CXCR4 pathway
[10] BIOCARTA mTOR pathway
[12] BIOCARTA eIF4 pathway
[13] BIOCARTA leptin pathway
[14] PID fanconi pathway
[15] PID endothelin pathway
[16] PID glypican 1 pathway
[17] PID WNT signaling pathway
[18] PID AP1 pathway
[19] REACTOME activation of the pre-replicative complex
[20] REACTOME base excision repair
[21] REACTOME insulin receptor recycling
[22] REACTOME immunoregulatory interactions between a lymphoid and a non-lymphoid cell
[23] REACTOME IL-7 signaling
[24] REACTOME RORA activates circadian expression
[25] REACTOME Acyl chain remodeling of PI
[26] REACTOME synthesis of PE
[27] REACTOME generation of second messenger molecules
[28] REACTOME regulation of insulin like growth factor (IGF) activity by insulin like growth factor binding proteins (IGSBPs)
[29] REACTOME nuclear receptor transcription pathway
[30] REACTOME homologous recombination repair of replication independent double strand breaks
[31] REACTOME G alpha (q) signalling events
[32] REACTOME mRNA 3'-END processing
[33] REACTOME synthesis secretion and deacylation of ghrelin
[34] REACTOME purine salvage
[35] REACTOME double strand break repair
[36] REACTOME CREB phosphorylation through the activation of CAMKII
[37] REACTOME DNA repair
[38] REACTOME global genomic NER (GG-NER)
[39] REACTOME platelet sensitization by LDL
[40] REACTOME circadian clock
[41] REACTOME interferon gamma signaling
[42] REACTOME DNA replication
[43] REACTOME activation of ATR in response to replication stress
[44] REACTOME phase II conjugation
[45] REACTOME telomere maintenance
[46] REACTOME G2/M checkpoints
[47] REACTOME DNA strand elongation
[48] REACTOME intrinsic pathway for apoptosis