Table S2. The pathways associated with lipid metabolism in the Molecular Signature Database v7.0 database

| Pathways                                                         | Database   | Gene Count |
|-----------------------------------------------------------------|------------|------------|
| Regulation of lipid metabolism by peroxisome proliferator       | Reactome   | 119        |
| activated receptor                                             |            |            |
| Metabolism of lipids                                            | Reactome   | 738        |
| Sphingolipid metabolism                                         | Reactome   | 89         |
| Transcriptional regulation of white adipocyte differentiation    | Reactome   | 84         |
| Glycerophospholipid metabolism                                  | KEGG       | 77         |
| Fatty acid metabolism                                           | Reactome   | 177        |
| **Sum**                                                         | **Reactome**| **1284 (unique: 776)** |