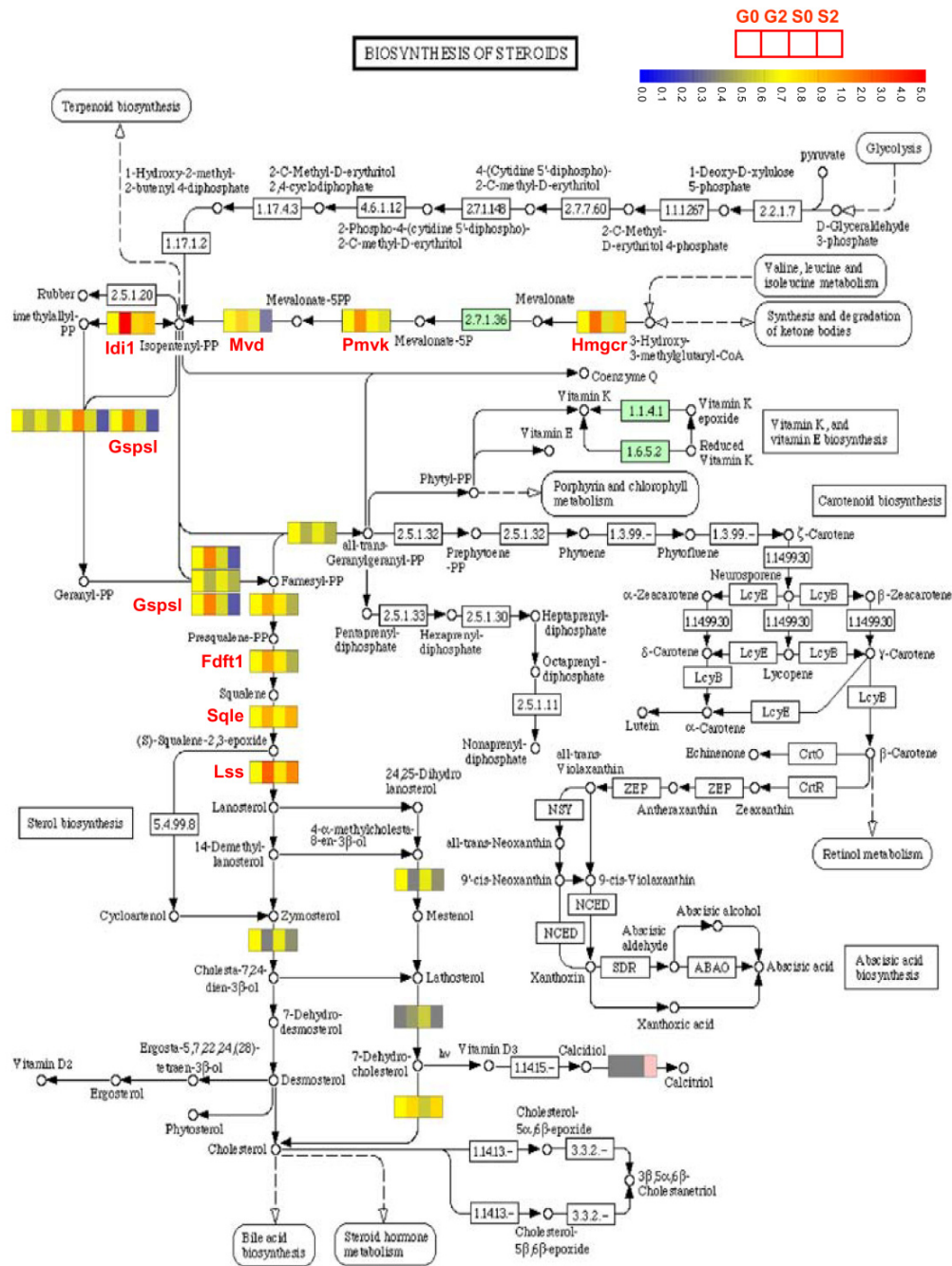




Supplemental Figure 1 Gene pathway for steroids biosynthesis from KEGG (Kyoto Encyclopedia of Genes and Genomes) pathway database. Genes with differential expression pattern from day 0 (G0 and S0) to day 2 (G2 and S2) during 3T3-L1 cell differentiation were indicated by colors. Different color represents different expression level for each gene. Red, up-regulated; blue, down-regulated. Genes that were markedly down-regulated by SHP at day 2 (S2) as compared to G2 were highlighted by red. These include Idi1, Mvd, Pmvk, Gsp1, Hmgcr, and Fdft1 etc. The expression of some of these genes was verified by real-time PCR analysis (**Figure 3B**). G, GFP; S, SHP.