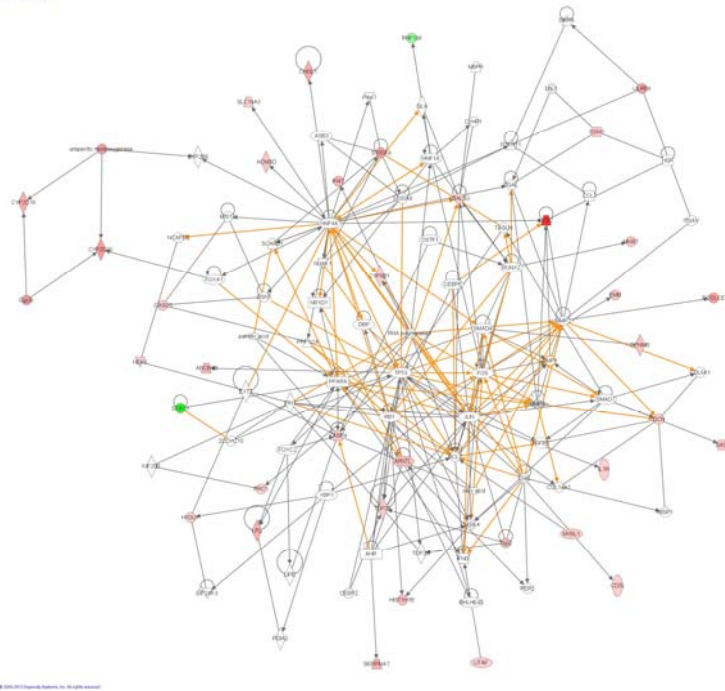
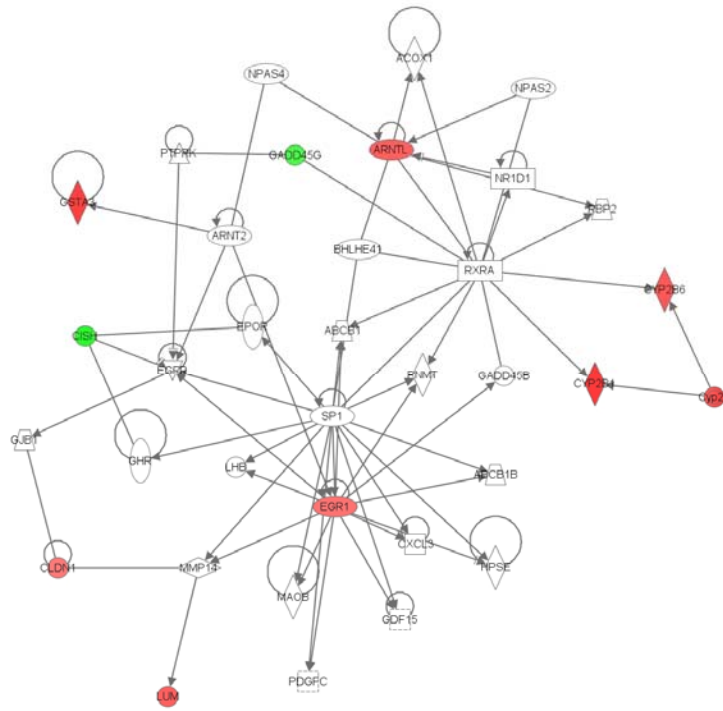


Supplementary Figure 1. Biological network between differentially expressed genes ($G_1 \times G_2$). The up-regulated genes are indicated in red and the down-regulated genes in green. The blank symbols pertain to genes that were either not present in our array or not differentially expressed. Solid lines indicate a direct linkage among two genes. Lines with arrows indicate that one gene acts on the other, and lines without arrows indicate that the corresponding proteins interact with each other.



Supplementary Figure 2. Biological network between differentially expressed genes ($G_1 \times G_3$). The up-regulated genes are indicated in red and the down-regulated genes in green. The blank symbols pertain to genes that were either not present in our array or not differentially expressed. Solid lines indicate a direct linkage among two genes. Lines with arrows indicate that one gene acts on the other, and lines without arrows indicate that the corresponding proteins interact with each other.



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Supplementary Figure 3. Biological network between differentially expressed genes ($G_1 \times G_4$). The up-regulated genes are indicated in red and the down-regulated genes in green. The blank symbols pertain to genes that were either not present in our array or not differentially expressed. Solid lines indicate a direct linkage among two genes. Lines with arrows indicate that one gene acts on the other, and lines without arrows indicate that the corresponding proteins interact with each other.