Comparison of the four parameters: sensitivity, specificity, PPV and NPV of the four representative classifiers. (a) weighted voting (WV) analysis, (b) linear discriminant analysis (LDA), (c) Neural Networks analysis (NNET), and (d) support vector machine (SVM) analysis. WV analysis showed the highest and stably-maintained sensitivity among the four classifiers.
Centroid-linkage hierarchical clustering analysis using Pearson correlation coefficient with the 22 informative genes revealed almost distinct expression patterns in the relapse-free cases and peritoneal-relapse cases of the retrospective set.