Color Plate 2

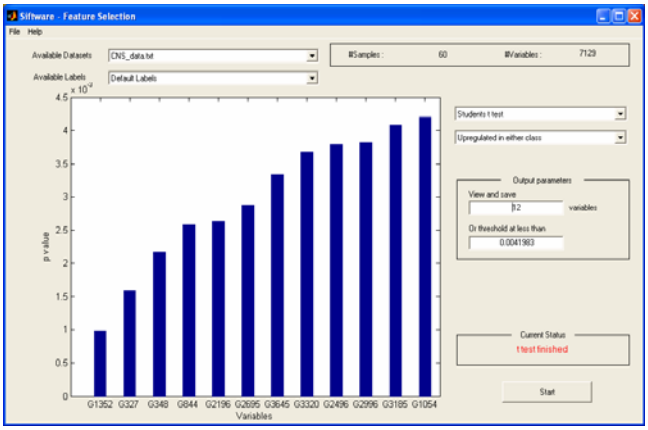

Fig. 4.6. Selecting the top 12 genes from the case study CNS cancer data (Pomeroy et al. 2002) as it was shown in Fig.1.6, but here using the t-test method. The selected genes compare well with the selected in Fig.1.6 genes. (A proprietary software system *SIFTWARE* (www.peblnz.com) was used for the purpose)

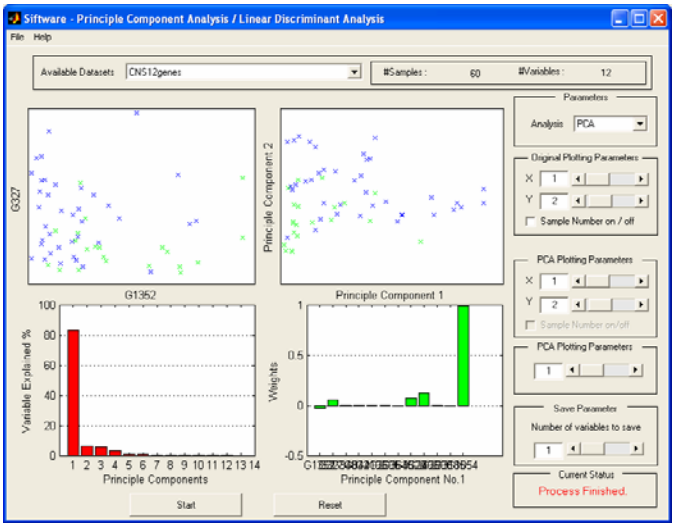

Fig. 4.7. The discriminative power of the selected genes 12 genes in Fig. 4.6 is evaluated through Principal Component Analysis (PCA) method. It is seen that the first PC has a significant importance in keeping the samples still distant after the PCA transformation. (A proprietary software system *SIFTWARE* (www.peblnz.com) was used for the purpose of the analysis)