ABSTRACT

LUNG CANCER BIOMARKERS AND USES THEREOF

The present application includes biomarkers, methods, devices, reagents, systems, and kits for the detection and diagnosis of lung cancer. In one aspect, the application provides biomarkers that can be used alone or in various combinations to diagnose lung cancer or permit the differential diagnosis of pulmonary nodules as benign or malignant. In another aspect, methods are provided for diagnosing lung cancer in an individual, where the methods include detecting, in a biological sample from an individual, at least one biomarker value corresponding to at least one biomarker selected from the group of biomarkers provided in Table 18, Table 20, or Table 21, wherein the individual is classified as having lung cancer, or the likelihood of the individual having lung cancer is determined, based on the at least one biomarker value.

Figure 1A