

S5 Table. Sensitivity, specificity, and predictive values of single-gene assays

	Sensitivity (%)	Specificity (%)	Prevalence (%)	PPV (%)	NPV (%)
<i>EGFR</i> PCR	80.3	99.4	40	98.9	88.3
<i>ALK</i> FISH	71.4	100	5	100	98.5
<i>ROS1</i> FISH	100	99.5	1	67.8	100

PPV, positive predictive value; NPV, negative predictive value; *EGFR*, epidermal growth factor receptor; PCR, polymerase chain reaction; *ALK*, anaplastic lymphoma kinase; FISH, fluorescence *in situ* hybridization; *ROS1*, ROS proto-oncogene 1.