Validation and comparison of two NGS assays for the detection of EGFR T790M resistance mutation in liquid biopsies of NSCLC patients

SUPPLEMENTARY MATERIALS

Supplementary Table 1: Somatic variants of the multiplex reference standard and expected allele frequencies

Gene	Variant	Expected allelic frequency (%)		
		0.1% reference standard	1% reference standard	5% reference standard
EGFR	L858R	0.10	1.00	5.00
EGFR	ΔE746-A750	0.10	1.00	5.00
EGFR	T790M	0.10	1.00	5.00
EGFR	V769_D770insASV	0.10	1.00	5.00
KRAS	G12D	0.13	1.30	6.30
NRAS	Q61K	0.13	1.30	6.30
NRAS	A59T	0.13	1.30	6.30
PIK3CA	E545K	0.13	1.30	6.30

Supplementary Table 2: Clinical non-small cell lung cancer (NSCLC) samples analyzed in this study. See_Supplementary_Table 2

Supplementary Table 3: Reference samples (synthetic plasma) analyzed in this study. See_Supplementary_Table 3