Table 1. EGFR mutations detected by the kit

No.	Reagent	Exon	Amino Acid Change	Nucleotide change	Cosmic No.
1	G719X PNA mix	18	p.G719A	c.2156G>C	6239
		18	p.G719S	c.2155G>A	6252
		18	p.G719C	c.2155G>T	6253
2	E19 del. PNA mix	19	p.E746_A750del	c.2235_2249 del 15	6223
		19	p.E746_T751>I	c.2235_2252>AAT	13551
		19	p.E746_T751del	c.2236_2253 del 18	12728
		19	p.E746_T751>A	c.2237_2251 del 15	12678
		19	p.E746_S752>A	c.2237_2254 del 18	12367
		19	p.E746_S752>V	c.2237_2255>T	12384
		19	p.E746_A750del	c.2236_2250 del 15	6225
		19	p.E746_S752>D	c.2238_2255 del 18	6220
		19	p.L747_A750>P	c.2238_2248>GC	12422
		19	p.L747_T751>Q	c.2238_2252>GCA	12419
		19	p.L747_E749del	c.2239_2247 del 9	6218
		19	p.L747_T751del	c.2239_2253 del 15	6254
		19	p.L747_S752del	c.2239_2256 del 18	6255
		19	p.L747_ A750>P	c.2239_2248 TTAAGAGAAG>C	12382
		19	p.L747_P753>Q	c.2239_2258>CA	12387
		19	p.L747_T751>S	c.2240_2251 del 12	6210
		19	p.L747_P753>S	c.2240_2257 del 18	12370
		19	p.L747_T751del	c.2240_2254 del 15	12369
		19	p.L747_T751>P	c.2239_2251>C	12383
		19	p.E746_A750>IP	c.2235_2248>AATTC	13550
		19	p.E746_T751>V	c.2237_2252>T	12386
		19	p.E746_T751>IP	c.2235_2251>AATTC	13552
		19	p.E746_S752>I	c.2235_2255>AAT	12385
		19	p.E746_P753>VS	c.2237_2257>TCT	18427
		19	p.L747_T751del	c.2238_2252 del 15	23571
		19	p.L747_S752>Q	c.2239_2256>CAA	12403
3	T790M PNA mix	20	p.T790M	c.2369C>T	6240
4	S768I(V2) PNA mix	20	p.S768I	c.2303G>T	6241
5	E20 Ins.3dup PNA mix	20	p.H773_V774insH	c.2319_2320 insCAC	12377
		20	p.P772_H773insTTP	c.2315_2316 insGACAACCCC	
		20	p.P772_H773insGNP	c.2315_2316 insGGGCAACCC	
		20	p.H773L	c.2318A>T	13005
		20	p.H773_V774insPH	c.2319_2320 insCCCCAC	12380
		20	p.V774_C775insHV	c.2321_2322 insCCACGT	18432
6	L858R PNA mix	21	p.L858R	c.2573T>G	6224
		21	p.L858R	c.2573_2574TG>GT	12429
7	L861Q PNA mix	21	p.L861Q	c.2582T>A	6213

• del: deletion mutation, ins: insertion mutation

Cosmic Nos are taken from the Catalogue of Somatic Mutations in Cancer.

(http://www.sanger.ac.uk/genetics/CGP/cosmic)