

Supplementary Table S1. Detectable mutations using the PANAMutyper™ R *EGFR* kit

Exon	Amino acid change	Nucleotide change	Cosmic No.
18	p.G719S	c.2155G>A	6252
18	p.G719C	c.2155G>T	6253
18	p.G719A	c.2156G>C	6239
19	p.K745_E749delKELRE	c.2233_2247del15	26038
19	p.E746_A750>IP	c.2235_2248>AATTC	13550
19	p.E746_A750delELREA	c.2235_2249del15	6223
19	p.E746_T751>IP	c.2235_2251>AATTC	13552
19	p.E746_T751>I	c.2235_2252>AAT	13551
19	p.E746_S752>I	c.2235_2255>AAT	12385
19	p.E746_A750delELREA	c.2236_2250del15	6225
19	p.E746_T751delELREAT	c.2236_2253del18	12728
19	p.E746_T751>A	c.2237_2251del15	12678
19	p.E746_T751>V	c.2237_2252>T	12386
19	p.E746_T751>VA	c.2237_2253>TTGCT	12416
19	p.E746_S752>A	c.2237_2254del18	12367
19	p.E746_S752>V	c.2237_2255>T	12384
19	p.E746_P753>VS	c.2237_2257>TCT	18427
19	p.L747_A750>P	c.2238_2248>GC	12422
19	p.L747_T751delLREAT	c.2238_2252del15	23571
19	p.L747_T751>Q	c.2238_2252>GCA	12419
19	p.E746_S752>D	c.2238_2255del18	6220
19	p.L747_E749delLRE	c.2239_2247delTTAAGAGAA	6218
19	p.L747_A750>P	c.2239_2248>C	12382
19	p.L747_T751>P	c.2239_2251>C	12383
19	p.L747_T751delLREAT	c.2239_2253del15	6254
19	p.L747_S752delLREATS	c.2239_2256del18	6255
19	p.L747_S752>Q	c.2239_2256>CAA	12403
19	p.L747_P753>Q	c.2239_2258>CA	12387
19	p.L747_T751>S	c.2240_2251del12	6210
19	p.L747_T751delLREAT	c.2240_2254del15	12369
19	p.L747_P753>S	c.2240_2257del18	12370
19	p.S752_I759delSPKANKEI	c.2253_2276del24	13556
20	p.S768I	c.2303G>T	6241
20	p.V769_D770insASV	c.2307_2308insGCCAGCGTG	12376
20	p.V769_D770insASV	c.2309_2310AC>CCAGCGTGGAT	13558
20	p.D770_N771insG	c.2310_2311insGGT	12378
20	p.D770_N771insSVD	c.2311_2312insGCGTGGACA	13428
20	p.P772_H773insTTP	c.2315_2316insGACAACCCC	-
20	p.P772_H773insGNP	c.2315_2316insGGGCAACCC	-
20	p.H773L	c.2318A>T	13005
20	p.H773_V774insH	c.2319_2320insCAC	12377
20	p.H773_V774insPH	c.2319_2320insCCCCAC	12380
20	p.V774_C775insHV	c.2321_2322insCCACGT	18432
20	p.T790M	c.2369C>T	6240
21	p.L858R	c.2573_2574TG>GT	12429
21	p.L858R	c.2573T>G	6224
21	p.L861Q	c.2582T>A	6213