|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Exon in EGFR** | **CDS mutation** | **Amino acid substitution** | **Cosmic ID** | **Well in E1 strip** |
| **EGFR exon 18** | c.2156G>C | p.Gly719Ala | COSM6239 | B |
| c.2155G>A | p.Gly719Ser | COSM6252 | B |
| c.2155G>T | p.Gly719Cys | COSM6253 | B |
| **EGFR exon 19** | c.2240\_2251del12 | p.L747\_T751>S | COSM6210 | C |
| c.2239\_2247del9 | p.L747\_E749delLRE | COSM6218 | C |
| c.2238\_2255del18 | p.E746\_S752>D | COSM6220 | C |
| c.2235\_2249del15 | p.E746\_A750delELREA | COSM6223 | C |
| c.2236\_2250del15 | p.E746\_A750delELREA | COSM6225 | C |
| c.2235\_2246del12 | p.E746\_E749delELRE | COSM28517 | C |
| c.2239\_2256del18 | p.L747\_S752delLREATS | COSM6255 | C |
| c.2237\_2254del18 | p.E746\_S752>A | COSM12367 | C |
| c.2240\_2254del15 | p.L747\_T751delLREAT | COSM12369 | C |
| c.2240\_2257del18 | p.L747\_P753>S | COSM12370 | C |
| c.2239\_2248>C (complex) | p.L747\_A750>P | COSM12382 | C |
| c.2239\_2251>C (complex) | p.L747\_T751>P | COSM12383 | C |
| c.2237\_2255>T (complex) | p.E746\_S752>V | COSM12384 | C |
| c.2235\_2255>AAT (complex) | p.E746\_S752>I | COSM12385 | C |
| c.2237\_2252>T (complex) | p.E746\_T751>V | COSM12386 | C |
| c.2239\_2258>CA (complex) | p.L747\_P753>Q | COSM12387 | C |
| c.2239\_2256>CAA (complex) | p.L747\_S752>Q | COSM12403 | C |
| c.2237\_2253>TTGCT (complex) | p.E746\_T751>VA | COSM12416 | C |
| c.2238\_2252>GCA (complex) | p.L747\_T751>Q | COSM12419 | C |
| c.2238\_2248>GC (complex) | p.L747\_A750>P | COSM12422 | C |
| c.2237\_2251del15 | p.E746\_T751>A | COSM12678 | C |
| c.2236\_2253del18 | p.E746\_T751delELREAT | COSM12728 | C |
| c.2235\_2248>AATTC (complex) | p.E746\_A750>IP | COSM13550 | C |
| c.2235\_2252>AAT (complex) | p.E746\_T751>I | COSM13551 | C |
| c.2235\_2251>AATTC (complex) | p.E746\_T751>IP | COSM13552 | C |
| c.2237\_2257>TCT (complex) | p.E746\_P753>VS | COSM18427 | C |
| c.2237\_2251del15 | p.L747\_T751delLREAT | COSM23571 | C |
| c.2233\_2247del15 | p.K745\_E749delKELRE | COSM26038 | C |
| c.2234\_2248del15 | p.K745\_A750>T | COSM1190791 | C |
| c.2236\_2248>CAAC (complex) | p.E746\_A750>QP | COSM13557 | C |
| c.2232\_2249del18 | p.K745\_A750delKELREA | COSM221565 | C |
| c.2237\_2253>TA (complex) | p.E746\_T751>V | COSM133192 | C |
| c.2239\_2257>T (complex) | p.L747\_P753>S | COSM133197 | C |
| c.2239\_2253>AAT (complex) | p.L747\_T751>N | COSM51503 | C |
| c.2236\_2259>ATCTCG (complex) | p.E746\_P753>IS | COSM133191 | C |
| **EGFR exon 20** | c.2369C>T | p.Thr790Met (T790M) | COSM6240 | C |
| c.2303G>T | p.Ser768Ile | COSM6241 | E |
| c.2300\_2301insCAGCGTGGA | p.D770\_N771insSVD | COSM3728433 | D |
| c.2302\_2303insCGCTGGCCA | p.A767\_S768insTLA | COSM12425 | F |
| c.2307\_2308ins15 | p.V769\_D770insMASVD | COSM28638 | F |
| c.2307\_2308insGCCAGCGTG | p.V769\_D770insASV | COSM12376 | F |
| c.2308\_2309insCCAGCGTGG | p.V769\_D770insASV | COSM12426 | F |
| c.2308\_2309insGGGTCGTGG | p.V769\_D770insGVV | COSM18430 | F |
| c.2308\_2309insGTT | p.D770>GY | COSM12427 | F |
| c.2309\_2310AC>CCAGCGTGGAT | p.V769\_D770insASV | COSM13558 | F |
| c.2310\_2311insAGCGTGGAC | p.D770\_N771insSVD | COSM85749 | F |
| c.2310\_2311insGGCACA | p.D770\_N771insGT | COSM1238029 | F |
| c.2310\_2311insGGGTTT | p.D770\_N771insGF | COSM655155 | F |
| c.2310\_2311insGGT | p.D770\_N771insG | COSM12378 | F |
| c.2310\_2311insAACCCCCAC | p.H773\_V774insNPH | COSM48920 | F+G |
| c.2310\_2311ins9GCGTGGACA | p.D770\_N771insSVD | COSM13428 | G |
| c.2316\_2317insNNN | p.P772\_H773insX | COSM21597 | G |
| c.2319\_2320insAACCCCCAC | p.H773\_V774insNPH | COSM12381 | F+G |
| c.2319\_2320insCAC | p.H773\_V774insH | COSM12377 | G |
| c.2319\_2320insCCCCAC | p.H773\_V774insPH | COSM12380 | G |
| c.2320\_2321insCCCACG | p.H773\_V774insAH | COSM1238028 | G |
| c.2321\_2322insCCACGT | p.V774\_C775insHV | COSM18432 | G |
| c.2322\_2323insCACGTG | p.V774\_C775insHV | COSM22948 | G |
| **EGFR exon 21** | c.2573T>G | p.Leu858Arg | COSM6224 | H |
| c.2573\_2574TG>GT | p.Leu858Arg | COSM12429 | H |
| c.2582T>A | p.Leu861Gln | COSM6213 | D |