

gBlock 1 representing NM_005228.5(EGFR):c.2235_2249del (p.Glu746_Ala750del):

GCATTTTTATGAAAGGGGCCATTGACCTTGCCATGGGGTGCAGCACAGGGCGGGAGGAG
GGCCGCCTCTCACCGCACGGCATCAGAATGCAGCCCAGCTGAAATGGGCTCATCTTCGT
TTGCTTCTTCTAGATCCTCTTTGCATGAAATCTGATTTAGTTAGGCCTAGACGCAGCATCAT
TAAATTCTGGATGAAATGATCCACACGGACTTTATAACAGGCTTTACAAGCTTGAGATTCTTTT
ATCTAAATAATCAGTGTGATTCGTGGAGCCCAACAGCTGCAGGGCTGCGGGGGCGTCACA
GCCCCCAGCAATATCAGCCTTAGGTGCGGCTCCACAGCCCCAGTGTCCCTCACCTTCGG
GGTGCATCGCTGGTAACATCCACCCAGATCACTGGGCAGCATGTGGCACCATCTCACAAT
TGCCAGTTAACGTCTTCCTTCTCTCTGTGCATAGGGACTCTGGATCCCAGAAGGTGAGAA
GTTAAAATTCCCGTCGCTATCAAAACATCTCCGAAAGCCAACAAGGAAATCCTCGATGTGA
GTTTCTGCTTTGCTGTGTGGGGTCCATGGCTCTGAACCTCAGGCCCACCTTTTCTCATGT
CTGGCAGCTGCTCTGCTCTAGACCCTGCTCATCTCCACATCCTAAATGTTCACTTTCTATGT
CTTTCCCTTTCTAGCTCTAGTGGGTATAACTCCCTCCCCTTAGAGACAGCACTGGCCTCTC
CCATGCTGGTATCCACCCCAAAGGCTGGAAACAGGCAATTACTGGCATCTACCCAGCAC
TAGTTTCTTGACACGCATGACGAGTGAGTGCTCTTGGTGAGCCTGGAGCATGGGTATTGTTT
TTGGTATTTTTTGGATGAAGAAATGGAGGCATAAAGAAATTG

gBlock 2 representing NM_005228.5(EGFR):c.2240_2254del (p.Leu747_Thr751del) or
NM_005228.3:c.2239_2253del15 or NM_005228.3:c.2238_2252del15:

GCATTTTTATGAAAGGGGCCATTGACCTTGCCATGGGGTGCAGCACAGGGCGGGAGGAG
GGCCGCCTCTCACCGCACGGCATCAGAATGCAGCCCAGCTGAAATGGGCTCATCTTCGT
TTGCTTCTTCTAGATCCTCTTTGCATGAAATCTGATTTAGTTAGGCCTAGACGCAGCATCAT
TAAATTCTGGATGAAATGATCCACACGGACTTTATAACAGGCTTTACAAGCTTGAGATTCTTTT
ATCTAAATAATCAGTGTGATTCGTGGAGCCCAACAGCTGCAGGGCTGCGGGGGCGTCACA
GCCCCCAGCAATATCAGCCTTAGGTGCGGCTCCACAGCCCCAGTGTCCCTCACCTTCGG
GGTGCATCGCTGGTAACATCCACCCAGATCACTGGGCAGCATGTGGCACCATCTCACAAT
TGCCAGTTAACGTCTTCCTTCTCTCTGTGCATAGGGACTCTGGATCCCAGAAGGTGAGAA
AGTTAAAATTCCCGTCGCTATCAAGGAATCTCCGAAAGCCAACAAGGAAATCCTCGATGTG
AGTTTCTGCTTTGCTGTGTGGGGTCCATGGCTCTGAACCTCAGGCCCACCTTTTCTCATGT
CTGGCAGCTGCTCTGCTCTAGACCCTGCTCATCTCCACATCCTAAATGTTCACTTTCTATGT
CTTTCCCTTTCTAGCTCTAGTGGGTATAACTCCCTCCCCTTAGAGACAGCACTGGCCTCTC
CCATGCTGGTATCCACCCCAAAGGCTGGAAACAGGCAATTACTGGCATCTACCCAGCAC
TAGTTTCTTGACACGCATGACGAGTGAGTGCTCTTGGTGAGCCTGGAGCATGGGTATTGTTT
TTGGTATTTTTTGGATGAAGAAATGGAGGCATAAAGAAATTG

gBlock 3 representing NM_005228.5(EGFR):c.2230_2249delinsGTCAA
(p.Ile744_Ala750delinsValLys):

GCATTTTTATGAAAGGGGCCATTGACCTTGCCATGGGGTGCAGCACAGGGCGGGAGGAG
GGCCGCCTCTCACCGCACGGCATCAGAATGCAGCCCAGCTGAAATGGGCTCATCTTCGT
TTGCTTCTTCTAGATCCTCTTTGCATGAAATCTGATTTAGTTAGGCCTAGACGCAGCATCAT
TAAATTCTGGATGAAATGATCCACACGGACTTTATAACAGGCTTTACAAGCTTGAGATTCTTTT
ATCTAAATAATCAGTGTGATTCGTGGAGCCCAACAGCTGCAGGGCTGCGGGGGCGTCACA
GCCCCCAGCAATATCAGCCTTAGGTGCGGCTCCACAGCCCCAGTGTCCCTCACCTTCGG
GGTGCATCGCTGGTAACATCCACCCAGATCACTGGGCAGCATGTGGCACCATCTCACAAT

TGCCAGTTAACGTCTTCCTTCTCTCTCTGTCATAGGGACTCTGGATCCCAGAAGGTGAGAA
GTAAAAATTCCCGTCGCTGTCAAAACATCTCCGAAAGCCAACAAGGAAATCCTCGATGTGA
GTTTCTGCTTTGCTGTGTGGGGTCCATGGCTCTGAACCTCAGGCCACCTTTTCTCATGT
CTGGCAGCTGCTCTGCTCTAGACCCTGCTCATCTCCACATCCTAAATGTTCACTTTCTATGT
CTTTCCCTTTCTAGCTCTAGTGGGTATAACTCCCTCCCCTTAGAGACAGCACTGGCCTCTC
CCATGCTGGTATCCACCCCCAAAAGGCTGGAAACAGGCAATTACTGGCATCTACCCAGCAC
TAGTTTCTTGACACGCATGACGAGTGAGTGCTCTTGGTGAGCCTGGAGCATGGGTATTGTTT
TTGGTATTTTTTGGATGAAGAAATGGAGGCATAAAGAAATTG

Modified gBlock 1:

GCATTTTTATGAAAGGGGCCATTGACCTTGCCATGGGGTGCAGCACAGGGCGGGAGGAG
GGCCGCCTCTCACCGCACGGCATCAGAATGCAGCCCAGCTGAAATGGGCTCATCTTCGT
TTGCTTCTTCTAGATCCTCTTTGCATGAAATCTGATTTAGTTAGGCCTAGACGCAGCATCAT
TAAATTCTGGATGAAATGATCCACACGGACTTTATAACAGGCTTTACAAGCTTGAGATTCTTT
ATCTAAATAATCAGTGTGATTCGTGGAGCCCAACAGCTGCAGGGCTGCGGGGGCGTCACA
GCCCCCAGCAATATCAGCCTTAGGTGCGGCTCCACAGCCCCAGTGTCCTCACCTTCGG
GGTGCATCGCTGGTAACATCCACCCAGATCACTGGGCAGCATGTGGCACCATCTCACAAT
TGCCAGTTAACGTCTTCCTTCTCTCTCTGTCATAGGGACTCTGGATCCCAGAAGGTGAGAA
AGTTAAAATTCCCGTCGCTATCAAAACATCTCCGAAAGCCAACAAGGAAATCCTCGATGTG
AGTTTCTGCTTTGCTGTGTGGGGTCCATGGCTCTGAACCTCAGGCCACCTTTTCTCATGT
CTGGCAGCTGCTCTGCTCTAGACCCTGCTCATCTCCACATCCTAAATGTTCACTTTCTATGT
CTTTCCCTTTCTAGCTCTAGTGGGTATAACTCCCTCCCCTTAGAGACA**CTGTCATCTCGCA**
CTGGCCTCTCCCATGCTGGTATCCACCCCCAAAAGGCTGGAAACAGGCAATTACTGGCATC
TACCCAGCACTAGTTTCTTGACACGCATGACGAGTGAGTGCTCTTGGTGAGCCTGGAGCAT
GGGTATTGTTTTTGGTATTTTTTGGATGAAGAAATGGAGGCATAAAGAAATTG