Wild type and ATG mutant constructs

WT

-162 CCC TCG GCC GCC ACC CCA GAA GGC TGG AGC AGG GAC GCC GTC GCT CCG GCC GCC TGC TCC

-102 CCT CGG GTC CCC GTG CGA GCC CAC GCC GGC CCC GGT GCC CGC CCG CAG CCC TGC CAC TGG

- 42 ACA CAG GAT AAG GCC CAG CGC ACA GGC CCC CAC GTG GAC AGC **ATG GAC CGC GGC ACG**

+1

Met Asp Arg Gly Thr

c.1-127C>T

New ORF

-162 CCC TCG GCC GCC ACC CCA GAA GGC TGG AGC AGG GAT GCC GTC GCT CCG GCC GCC TGC TCC

-102 CCT CGG GTC CCC GTG CGA GCC CAC GCC GGC CCC GGT GCC CGC CCG CAG CCC TGC CAC TGG

+1 ENG ORF

- 42 ACA CAG GAT AAG GCC CAG CGC ACA GGC CCC CAC GTG GAC AGC **ATG GAC CGC GGC ACG**

Met Asp Arg Gly Thr

c.1-9G>A

-162 CCC TCG GCC GCC ACC CCA GAA GGC TGG AGC AGG GAC GCC GTC GCT CCG GCC GCC TGC TCC

-102 CCT CGG GTC CCC GTG CGA GCC CAC GCC GGC CCC GGT GCC CGC CCG CAG CCC TGC CAC TGG

+1 ENG ORF

- 42 ACA CAG GAT AAG GCC CAG CGC ACA GGC CCC CAC **ATG GAC AGC ATG GAC CGC GGC ACG**

Met Asp Ser Met Asp Arg Gly Thr

Met Asp Arg Gly Thr

c.1-9G>A; +1A>G

-162 CCC TCG GCC GCC ACC CCA GAA GGC TGG AGC AGG GAC GCC GTC GCT CCG GCC GCC TGC TCC

-102 CCT CGG GTC CCC GTG CGA GCC CAC GCC GGC CCC GGT GCC CGC CCG CAG CCC TGC CAC TGG

ENG ORF

- 42 ACA CAG GAT AAG GCC CAG CGC ACA GGC CCC CAC **ATG GAC AGC GTG GAC CGC GGC ACG**

Met Asp Ser Val Asp Arg Gly Thr