

>beta globin gene

```
tgtggagcca caccctaggg ttggccaatc tactcccagg
agcagggagg gcaggagcca gggctgggca taaagtcag
ggcagagcca tctattgctt ACATTTGCTT CTGACACAAC
TGTGTTCACT AGCAACCTCA AACAGACACC
ATG GTG CAT CTG ACT CCT GAG GAG AAG TCT GCC GTT
ACT GCC CTG TGG GGC AAG GTG AAC GTG GAT GAA GTT
GGT GGT GAG GCC CTG GGC AG GTTGGTATCA
AGGTTACAAG ACAGGTTTAA GGAGACCAAT AGAAACTGGG
CATGTGGAGA CAGAGAAGAC TCTTGGGTTT CTGATAGGCA
CTGACTCTCT CTGCCTATTG GTCTATTTTC CCACCCTTAG G
CTG CTG GTG GTC TAC CCT TGG ACC CAG AGG TTC TTT
GAG TCC TTT GGG GAT CTG TCC ACT CCT GAT GCT GTT
ATG GGC AAC CCT AAG GTG AAG GCT CAT GGC AAG AAA
GTG CTC GGT GCC TTT AGT GAT GGC CTG GCT CAC CTG
GAC AAC CTC AAG GGC ACC TTT GCC ACA CTG AGT GAG
CTG CAC TGT GAC AAG CTG CAC GTG GAT CCT GAG AAC
TTC AGG
GTGAGTCTAT GGGACGCTTG ATGTTTTTCTT TCCCCTTCTT
TTCTATGGTT AAGTTCATGT CATAGGAAGG GGATAAGTAA
CAGGGTACAG TTTAGAATGG GAAACAGACG AATGATTGCA
TCAGTGTGGA AGTCTCAGGA TCGTTTTTAGT TTCTTTTATT
TGCTGTTTCA AACAATTGTT TTCTTTTGTG TAATTCTTGC
TTTCTTTTTT TTTCTTCTCC GCAATTTTTA CTATTATACT
TAATGCCTTA ACATTGTGTA TAACAAAAGG AAATATCTCT
GAGATACATT AAGTAACTTA AAAAAAAACT TTACACAGTC
TGCCTAGTAC ATTACTATTT GGAATATATG TGTGCTTATT
TGCATATTCA TAATCTCCCT ACTTTATTTT CTTTTATTTT
TAATTGATAC ATAATCATT A TACATATTTA TGGGTTAAAG
TGTAATGTTT TAATATGTGT ACACATATTG ACCAAATCAG
GGTAATTTTG CATTTGTAAT TTTAAAAAAT GCTTTCTTCT
TTTAATATAC TTTTTTGTTT ATCTTATTTT TAATACTTTC
CCTAATCTCT TTCTTTCAGG GCAATAATGA TACAATGTAT
CATGCCTCTT TGCACCATTC TAAAGAATAA CAGTGATAAT
TTCTGGGTTA AGGCAATAGC AATATCTCTG CATATAAATA
TTTCTGCATA TAAATTGTAA CTGATGTAAG AGGTTTCATA
TTGCTAATAG CAGCTACAAT CCAGCTACCA TTCTGCTTTT
ATTTTATGGT TGGGATAAGG CTGGATTATT CTGAGTCCAA
GCTAGGCCCT TTTGCTAATC ATGTTTCATAC CTCTTATCTT
CCTCCCACAG
```

CTC CTG GGC AAC GTG CTG GTC TGT GTG CTG GCC CAT
CAC TTT GGC AAA GAA TTC ACC CCA CCA GTG CAG GCT
GCC TAT CAG AAA GTG GTG GCT GGT GTG GCT AAT GCC
CTG GCC CAC AAG TAT CAC TAA GCTCGCTTTC

TTGCTGTCCA ATTTCTATTA AAGGTTCCCTT TGTTCCCTAA
GTCCAACACTAC TAAACTGGGG GATATTATGA AGGGCCTTGA
GCATCTGGAT TCTGCCTAAT AAAAACATT TATTTTCATT
GCaatgatgt atttaaatta tttctgaata ttttactaaa
aagggaatgt gggagggtcag tgcatttaaa acataaagaa
atgaagagct agttcaaacc ttgggaaaat acactatatc
ttaaactcca tgaaagaa