**COL1A1 (Collagen Type 1) nucleotide sequence**

ATG TTC AGC TTT GTG GAC CTC CGG CTC CTG

CTC CTC TTA GCG GCC ACC GCC CTC CTG ACG

CAC GGC CAA GAG GAA GGC CAA GTC GAG GGC

M F S F V D L R L L

L L L A A T A L L T

H G Q E E G Q V E G

**FGF3R (Fibroblast receptor factor receptor 3)**

ATG GGC GCC CCT GCC TGC GCC CTC GCG CTC

TGC GTG GCC GTG GCC ATC GTG GCC GGC GCC

TCC TCG GAG TCC TTG GGG ACG GAG CAG CGC

M G A P A C A L A L

C V A V A I V A G A

S S E S L G T E Q R

**PAH (Phenylalanine hydroxylase)**

ATG TCC ACT GCG GTC CTG GAA AAC CCA GGC

TTG GGC AGG AAA CTC TCT GAC TTT GGA CAG

GAA ACA AGC TAT ATT GAA GAC AAC TGC AAT

M S T A V L E N P G

L G R K L S D F G Q

E T S Y I E D N C N

**DMD (Dystrophin)**

ATG CTT TGG TGG GAA GAA GTA GAG GAC TGT

TAT GAA AGA GAA GAT GTT CAA AAG AAA ACA

TTC ACA AAA TGG GTA AAT GCA CAA TTT TCT

M L W W E E V E D C

Y E R E D V Q K K T

F T K W V N A Q F S