Figure 1

Mature protein

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                                  (1) 1         10        20        30
hu FGF21 BC018404                 (1) MDSDETGFEHSGLWVSVLAGLLLGAC-QAHPIPDSSPLL
huFGF-19 BAA75500                 (1) -----MRSGCVVVHVWILAGLWLAVAGRPLAFSDAGPHV
                                          *   *       *           *   *

                                  40        50        60        70
hu FGF21                          QFGG--QVRQRYLYTDDAQ-QTEAHLEIREDGTVGGAADQ
hu FGF-19                         HYGWGDPIRLRHLYTSGPHGLSSCFLRIRADGVVDCARGQ
                                     *     *   *         *

                                  80        90        100       110
hu FGF21                          SPESLLQLKALKPGVIQILGVKTSRFLCQRPDGALYGSLH
hu FGF-19                         SAHSLLEIKAVALRTVAIKGVHSVRYLCMGADGKMQGLLQ
                                          *   *   *       *   *       *

                                  120       130       140       150
hu FGF21                          FDPEACSFRELLLEDGYNVYQSEAHGLPLHLPGNKSP--H
hu FGF-19                         YSEEDCAFEEEIRPDGYNVYRSEKHRLPVSLSSAKQRQLY
                                                *                 *

                                  160       170       180       190
hu FGF21                          RDPAPRGPARFLPLPGLPPAPP-----EPPGILAPQPPDV
hu FGF-19                         KNRGFLPLSHFLPMLPMVPEEPEDLRGHLESDMFSSPLET
                                  *   *   *               *       *

                                  200       210       220
hu FGF21                          GSSDPLSMVGPSQGR-SPSYAS
hu FGF-19                         DSMDPFGLVTGLEAVRSPSFEK
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* = similar amino acid

__ = identical amino acid

▯ = amber mutant sites