Table 2. *ClustalW Sequence Alignment of Human FGFs based on AUG/Methionine Start Codon.*

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FGF-1  ---------------------MAEGEITTFT--------------------------------ALTEKFN------------LPP--GNYKK--P--K--LLYCSNGG----HFLR
FGF-2  ---------------------MAAGSITTLP--------------------------------ALPEDGGS---------GAFPP--GHFKD--P--K--RLYCKNGG----FFLR

FGF-7  ----------MH-----KWILTWILPTLLYRS-----CFHIICLVGTISLACN-------DMT-PEQMATNVN-CSS-PE---RHTRSY--DYMEGGDIRVR--RLFCRTQ-----WYLR
FGF-10 ----------MW-----KWILTHCASAFPHLPGCCCCCFLLLFLVSSVPVTCQALGQ---DMVSPEATNSSSSSFSS-PSSAGRHVRSY--NHLQG-DVRWR--KLFSFTK-----YFLK
FGF-22 ----------MR-----RRLWLGLAWLLLARA-------------------------------PDAAGTPSA-----S----RGPRSY--PHLEG-DVRWR--RLFSSTH-----FFLR

FGF-9  ------------------MAPLGEVGNYFGVQD---------AVPFGNVPVLP---------VDSPVLLSDHLGQSEAGGLPRGPAVTDL--DHLKG-ILRRR--QLYCRTG-----FHLE
FGF-16 --------------------MAEVGGVFASLDWD---LHGFSSSLGNVPLA-----------DSPGFLNERLGQIEG-KLQRG-SPTDF--AHLKG-ILRRR--QLYCRTG-----FHLE
FGF-20 --------------------MAPLAEVGGFLGGLEG-------LGQQVGSHFLLPP-------AGERPPLLGERRSAAER-SARGGPGAAQL--AHLHG-ILRRR--QLYCRTG-----FHLQ

FGF-4  ----------MS-GPGTAAVALLPAVLLALLAPWAGRGGAAAPTAPNGTLEAEL------ERRWESLVALSLARLPVAAQPKEAAVQSGAGDYLLG-IKRLR--RLYCNVGI---GFHLQ
FGF-6  MALGQKLFITMSRGAGRLQGTLWALVFLGILVGMVVP--SPAGTRANNTLLDS--------RGWGTLLSRSRAGL--AGEIAGVNWESG---YLVG-IKRQR--RLYCNVGI---GFHLQ

FGF-12 ----------------MAAAIASSLIRQKRQARESNSDRVSASKRRSSPSKDG-------RSLCERHVLGVFSKVRFCSGRKRPVRRRP-EPQLKGIVT-----RLFSQQG-----YFLQ
FGF-14 ----------------MAAAIASGLIRQKRQAREQHWDRPSASRRRSSPSKN--------RGLCNGNLVDIFSKVRIFGLKKRRLRRQ--DPQLKGIVT-----RLYCRQG-----YYLQ
FGF-13 ----------------MAAAIASSLIRQKRQARER--EKSNACKCVSSPSKG--------KTSCDKNKLNVFSRVKLFGSKKRRRRRP--EPQLKGIVT-----KLYSRQG-----YHLQ
FGF-11 ----------------MAALASSLIRQKREVREPGGSRPVSAQRRVCPRGT--------KSLCQKQLLILLSKVRLCGGRPARPDRGP-EPQLKGIVT-----KLFCRQG-----FYLQ

FGF-8  ------------------MGSPRSALS-CLLLHLLVLCLQAQEGPGRGPALGR-----------ELASLFRAGREPQGVSQQHVREQSLVTDQLSRRLIRTY--QLYSRTSG----KHVQ
FGF-17 ------------------MGAARLLPNLTLCLQLLILCCQTQ---------G------------E-------NHPSPNFNQYVRDQGAMTDQLSRRQIREY--QLYSRTSG----KHVQ
FGF-18 ------------------MYSAPSACT-CLCLHFLLLCFQVQ-----------------------------VLVAEENVDFRIHVENQTRARDDVSRKQLRLY--QLYSRTSG----KHIQ

FGF-3  ------------------MGLIWLLLLSLLEPG--------------------------------WPAAGPGARLR-----RDAGGRGGVYEHLGG-APRRR--KLYCATK-----YHLQ
FGF-5  --------------MSLSFLLLLFFSHLILSAWAHGEKRLAPKGQPGPAATDRNPIGSSSRQSSSSAMSSSSASSSPAASLGSQGSGLEQSSFQWSPSGRRTGSLYCRVGI---GFHLQ

FGF-19 ------------------MRSGCVVVHVWILAG--------------------------------LWLAVAGR-----PLAFSDAGPHVHYGWGDPIRLR--HLYTSGPHGLSSCFLR

FGF-21 --------------------MDSDETGFEHSG----------------------------------LWVSVLAGLLLGACQAHPIPDSSPLLQFGG-QVRQR--YLYTDDAQQT-EAHLE

FGF-23 ------------------------------------------------------------MLGARLRLWVCALCSVCSMSVLRAYPNASPLLG-SSWGGLIHLYTATARN--SYHLQ

FGF-1  ILPDGTVDGTRDRSDQHIQLQLSAESVG-EVYIKSTETGQYLAMDTDGLLYGSQT-PNEECLFLERLEENHYNTYISKKHAEK------------N-WFVGLKKNGSCKRGP--RTHYG
FGF-2  IHPDGRVDGVREKSDPHIKLQLQAEERG-VVSIKGVCANRYLAMKEDGRLLASKC-VTDECFFFERLESNNYNTYRSRKYTS---------------WYVALKRTGQYKLGS--KTGPG

FGF-7  IDKRGKVKGTQEMKNNYNIMEIRTVAVG-IVAIKGVESEFYLAMNKEGKLYAKKE-CNEDCNFKELILENHYNTYASAKWTH--NG----------GEMFVALNQKGIPVRGK--KTKKE
FGF-10 IEKNGKVSGTKKENCPYSILEITSVEIG-VVAVKAINSNYYLAMNKKGKLYGSKE-FNNDCKLKERIEENGYNTYASFNWQH--NG----------RQMYVALNGKGAPRRGQ--KTRRK
FGF-22 VDPGGRVQGTRWRHGQDSILEIRSVHVG-VVVIKAVSSGFYVAMNRRGRLYGSRL-YTVDCRFRERIEENGHNTYASQRWRR--RG----------QPMFLALDRRGGPRPGG--RTRRY

FGF-9  IFPNGTIQGTRKDHSRFGILEFISIAVG-LVSIRGVDSGLYLGMNEKGELYGSEK-LTQECVFREQFEENWYNTYSSNLYKHVDTG----------RRYYVALNKDGTPREGT--RTKRH
FGF-16 IFPNGTVHGTRHDHSRFGILEFISLAVG-LISIRGVDSGLYLGMNERGELYGSKK-LTRECVFREQFEENWYNTYASTLYKHSDSE----------RQYYVALNKDGSPREGY--RTKRH
FGF-20 ILPDGSVQGTRQDHSLFGILEFISVAVG-LVSIRGVDSGLYLGMNDKGELYGSEK-LTSECIFREQFEENWYNTYSSNIYKHGDTG----------RRYFVALNKDGTPRDGA--RSKRH

FGF-4  ALPDGRIGGAHAD-TRDSLLELSPVERG-VVSIFGVASRFFVAMSSKGKLYGSPF-FTDECTFKEILLPNNYNAYESYKYPG---------------MFIALSKNGKTKKGN--RVSPT
FGF-6  VLPDGRISGTHEE-NPYSLLEISTVERG-VVSLFGVRSALFVAMNSKGRLYATPS-FQEECKFRETLLPNNYNAYESDLYQG---------------TYIALSKYGRVKRGS--KVSPI

FGF-12 MHPDGTIDGTKDENSDYTLFNLIPVGLR-VVAIQGVKASLYVAMNGEGYLYSSDV-FTPECKFKESVFENYYVIYSSTLYRQQESG----------RAWFLGLNKEGQIMKGN--RVKKT
FGF-14 MHPDGALDGTKDDSTNSTLFNLIPVGLR-VVAIQGVKTGLYIAMNGEGYLYPSEL-FTPECKFKESVFENYYVIYSSMLYRQQESG----------RAWFLGLNKEGQAMKGN--RVKKT
FGF-13 LQADGTIDGTKDEDSTYTLFNLIPVGLR-VVAIQGVQTKLYLAMNSEGYLYTSEL-FTPECKFKESVFENYYVTYSSMIYRQQQSG----------RGWYLGLNKEGEIMKGN--HVKKN
FGF-11 ANPDGSIQGTPEDTSSFTHFNLIPVGLR-VVTIQSAKLGHYMAMNAEGLLYSSPH-FTAECRFKECVFENYYVLYASALYRQRRSG----------RAWYLGLDKEGQVMKGN--RVKKT

FGF-8  VLANKRINAMAEDGDPFAKLIVETDTFGSRVRVRGAETGLYICMNKKGKLIAKSNGKGKDCVFTEIVLENNYTALQNAKYEG---------------WYMAFTRKGRPRKGS--KTRQH
FGF-17 VTG-RRISATAEDGNKFAKLIVETDTFGSRVRIKGAESEKYICMNKRGKLIGKPSGKSKDCVFTEIVLENNYTAFQNARHEG---------------WFMAFTRQGRPRQAS--RSRQN
FGF-18 VLG-RRISARGEDGDKYAQLLVETDTFGSQVRIKGKETEFYLCMNRKGKLVGKPDGTSKECVFIEKVLENNYTALMSAKYSG---------------WYVGFTKKGRPRKGP--KTREN

FGF-3  LHPSGRVNGSLEN-SAYSILEITAVEVG-IVAIRGLFSGRYLAMNKRGRLYASEH-YSAECEFVERIHELGYNTYASRLYRTVSSTPGARRQPSAERLWYVSVNGKGRPRRGF--KTRRT
FGF-5  IYPDGKVNGSHEA-NMLSVLEIFAVSQG-IVGIRGVFSNKFLAMSKKGKLHASAK-FTDDCKFRERFQENSYNTYASAIHRTEKTG---------REWYVALNKRGKAKRGCSPRVKPQ

FGF-19 IRADGVVDCARGQ-SAHSLLEIKAVALR-TVAIKGVHSVRYLCMGADGKMQGLLQYSEEDCAFEEEIRPDGYNVYRSEKHRLP----------------VSLSSAKQRQLYK---NRGF

FGF-21 IREDGTVGGAADQ-SPESLLQLKALKPG-VIQILGVKTSRFLCQRPDGALYGSLHFDPEACSFRELLLEDGYNVYQSEAHGLPLHLP----------GNKSPHRDPAPRGPARFLPLPG

FGF-23 IHKNGHVDGAPHQ-TIYSALMIRSEDAG-FVVITGVMSRRYLCMDFRGNIFGSHYFDPENCRFQHQTLENGYDVYHSPQYHFLVSLG---------RAKRAFLPGMNPPPYSQFLSRRNE

FGF-1  QKAILF---LPLPVSSD----------------------------------------------------------------------------
FGF-2  QKAILF---LPMSAKS----------------------------------------------------------------------------

FGF-7  QKTAHF---LPMAIT----------------------------------------------------------------------------
FGF-10 NTSAHF---LPMVVHS----------------------------------------------------------------------------
FGF-22 HLSAHF---LPVLVS----------------------------------------------------------------------------

FGF-9  QKFTHF---LPRPVDPDKVP--------ELYKDILSQS-------------------------------------------------------
FGF-16 QKFTHF---LPRPVDPSKLP--------SMSRDLFHYR-------------------------------------------------------
FGF-20 QKFTHF---LPRPVDPERVP--------ELYKDLLMYT-------------------------------------------------------

FGF-4  MKVTHF---LPRL----------------------------------------------------------------------------
FGF-6  MTVTHF---LPRI----------------------------------------------------------------------------

FGF-12 KPSSHF---VPKPIEVCMYR--------EPSLHEIGEKQGR-----SRKSSGTPTMNGGKVVNQDST--------------------
FGF-14 KPAAHF---LPKPLEVAMYR--------EPSLHDVGETVPKPGVTPSKSTSASAIMNGGKPVNKSKTT--------------------
FGF-13 KPAAHF---LPKPLKVAMYK--------EPSLHDLTEFSRSGSGTPTKSRSVSGVLNGGKSMSHNEST--------------------
FGF-11 KAAAHF---LPKLLEVAMYQ--------EPSLHSVPEASPS-----SPPAP----------------------------------------

FGF-8  QREVHF---MKRLPRGHHTT------EQSLRFEFLNYPPFTRSLRGSQRTWAPEPR-------------------------------
FGF-17 QREAHF---IKRLYQGQLPFPN--HAEKQKQFEFVGSAPTRR----TKRTRRPQPLT-------------------------------
FGF-18 QQDVHF---MKRYPKGQPEL--------QKPFKYTTVTKRSR------RIRPTHPA---------------------------------

FGF-3  QKSSLF---LPRVLDHRDHEMVRQLQSGLPRPPGKGVQPRRRRQKQSPDNLEPSHVQASRLGSQLEASAH-----------------
FGF-5  HISTHF---LPRFKQSEQPELSFTVTVPEKKNPPSPIKSKIPLSAPRKNTNSVKYRLKFRFG-----------------------

FGF-19 LPLSHF---LPMLPMVPEEPEDLRGHLESDMFSSPLETDSMDPFGLVTGLEAVRSPSFEK-------------------------

FGF-21 LPPALP---EPPGILAPQPPDVGSSDPLSMVGPSQGRSPSYAS-------------------------------------------

FGF-23 IPLIHFNTPIPRRHTRSAEDDSERDPLNVLKPRARMTPAPASCSQELPSAEDNSPMASDPLGVVRGGRVNTHAGGTGPEGCRPFAKFI
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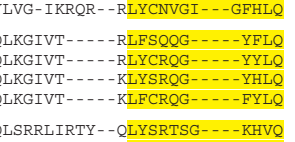

FGF-22 (Accession # AB021925)and FGF-23 (Accession # AB037973) have only recently been reported in GenBank.