Figure 1A

Homo sapiens immunoglobulin superfamily, member 9 (IGSF9), mRNA

ATGGTGTGGTGCCTCGGCCTGGCCGTCCTCAGCCTGGTCATCAGCCAGGGGGCTGACGGTCGAGGGAAGCCTGAGGTGGTATCGGTGGTGGGCCGGGCTGAGGAGAGTGTG
GTGCTGGGCTGTGACCTGCTGCCCCCGGCCGGCCGGCCCCCCCTGCATGTCATCGAGTGGCTGCGCTTTGGATTCCTGCTTCCCATCTTCATCCAGTTCGGCCTCTACTCT
CCCCGAATTGACCCTGATTACGTGGGACGAGTCCGGCTGCAGAAGGGGGCCTCTCTCCAGATTGAGGGTCTCCGGGTGGAAGACCAGGGCTGGTACGAGTGCCGCGTGTTC
TTCCTGGACCAGCACATCCCTGAAGACGATTTTGCTAACGGCTCCTGGGTGCATCTGACAGTCAATTCACCCCCTCAATTCCAGGAGACACCTCCTGCTGTGTTGGAAGTG
CAGGAACTGGAGCCTGTGACCCTGCGTTGTGTGGCCCGTGGCAGCCCCCTGCCTCATGTGACGTGGAAGCTCCGAGGAAAGGACCTTGGCCAGGGCCAGGGCCAGGTGCAA
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GTGCTAGGACCCCCAGTCATCGTGGTGCCCCCCAAGAACAGCACAGTCAATGCCTCCCAGGATGTTTCATTGGCCTGCCATGCTGAGGCATACCCTGCTAACCTCACCTAC
AGCTGGTTCCAGGACAACATCAATGTCTTCCACATTAGCCGCCTGCAGCCCCGGGTGCAGATCCTGGTGGACGGGAGCCTGCGGCTGCTGGCCACCCAGCCTGATGATGCC
GGCTGCTACACCTGTGTGCCCAGCAATGGCCTCCTGCATCCACCCTCAGCCTCTGCCTACCTCACTGTGCTCTGCATGCCGGGGGTGATCCGCTGCCCGGTTCGTGCCAAC
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AGCCTATCGACAGCCAGTCCCCCACCCCGAACAGGCCACTCTGCTGTGA

Figure 1B

Homo Sapiens IGSF9 Protein sequence

MVWCLGLAVLSLVISQGADGRGKPEVVSVVGRAEESVVLGCDLLPPAGRPPLHVIEWLRFGFLLPIFIQFGLYSPRIDPDYVGRVRLQKGASLQIEGLRVE
DQGWYECRVFFLDQHIPEDDFANGSWVHLTVNSPPQFQETPPAVLEVQELEPVTLRCVARGSPLPHVTWKLRGKDLGQGQGQVQVQNGTLRIRRVERGSSG
VYTCQASSTEGSATHATQLLVLGPPVIVVPPKNSTVNASQDVSLACHAEAYPANLTYSWFQDNINVFHISRLQPRVQILVDGSLRLLATQPDDAGCYTCVP
SNGLLHPPSASAYLTVLCMPGVIRCPVRANPPLLFVSWTKDGKALQLDKFPGWSQGTEGSLIIALGNEDALGEYSCTPYNSLGTAGPSPVTRVLLKAPPAF
IERPKEEYFQEVGRELLIPCSAQGDPPPVVSWTKVGRGLQGQAQVDSNSSLILRPLTKEAHGHWECSASNAVARVATSTNVYVLGTSPHVVTNVSVVALPK
GANVSWEPGFDGGYLQRFSVWYTPLAKRPDRMHHDWVSLAVPVGAAHLLVPGLQPHTQYQFSVLAQNKLGSGPFSEIVLSAPEGLPTTPAAPGLPPTEIPP
PLSPPRGLVAVRTPRGVLLHWDPPELVPKRLDGYVLEGRQGSQGWEVLDPAVAGTETELLVPGLIKDVLYEFRLVAFAGSFVSDPSNTANVSTSGLEVYPS
RTQLPGLLPQP***VLAGVVGGVCFLGVAVLVSILA***GCLLNRRRAARRRRKRLRQDPPLIFSPTGKSAAPSALGSGSPDSVAKLKLQGSPVPSLRQSLLWGDPA
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Figure 2

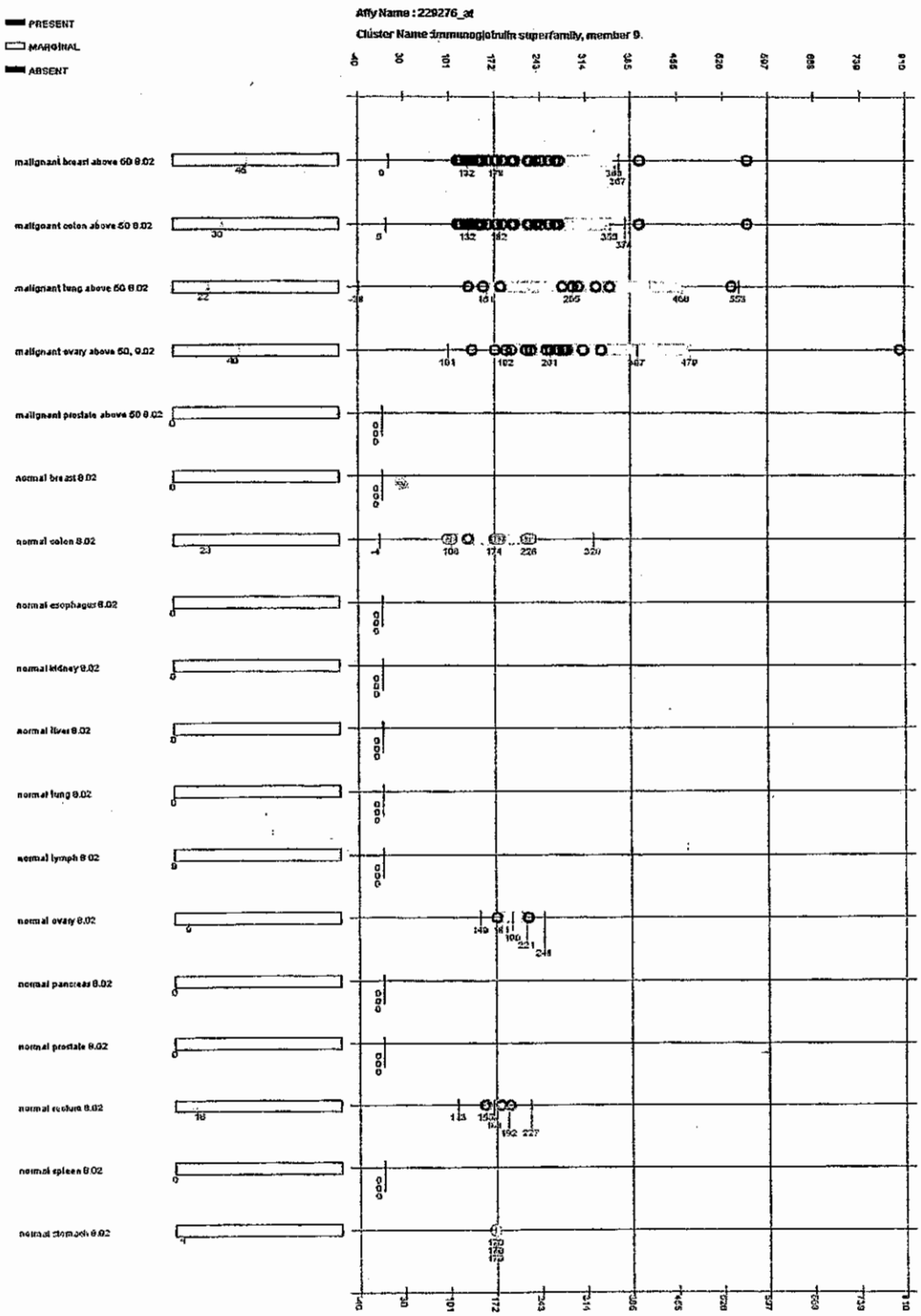

PRESENT
MARGINAL
ABSENT
Affy Name : 229276_at
Cluster Name :Immunoglobulin superfamily, member 9.
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malignant colon above 60 8.02
malignant lung above 60 8.02
malignant ovary above 60, 9.02
malignant prostate above 60 8.02
normal breast 8.02
normal colon 8.02
normal esophagus 8.02
normal kidney 8.02
normal liver 8.02
normal lung 8.02
normal lymph 8.02
normal ovary 8.02
normal pancreas 8.02
normal prostate 8.02
normal rectum 8.02
normal spleen 8.02
normal stomach 8.02

Figure 3

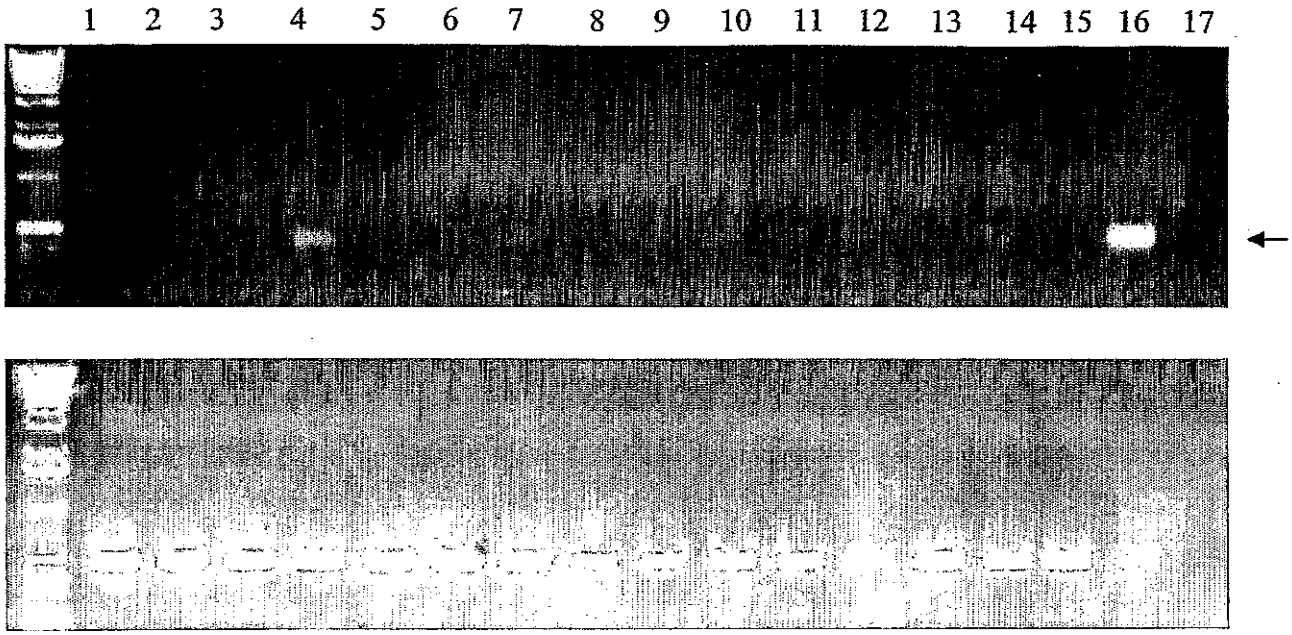


Figure 4

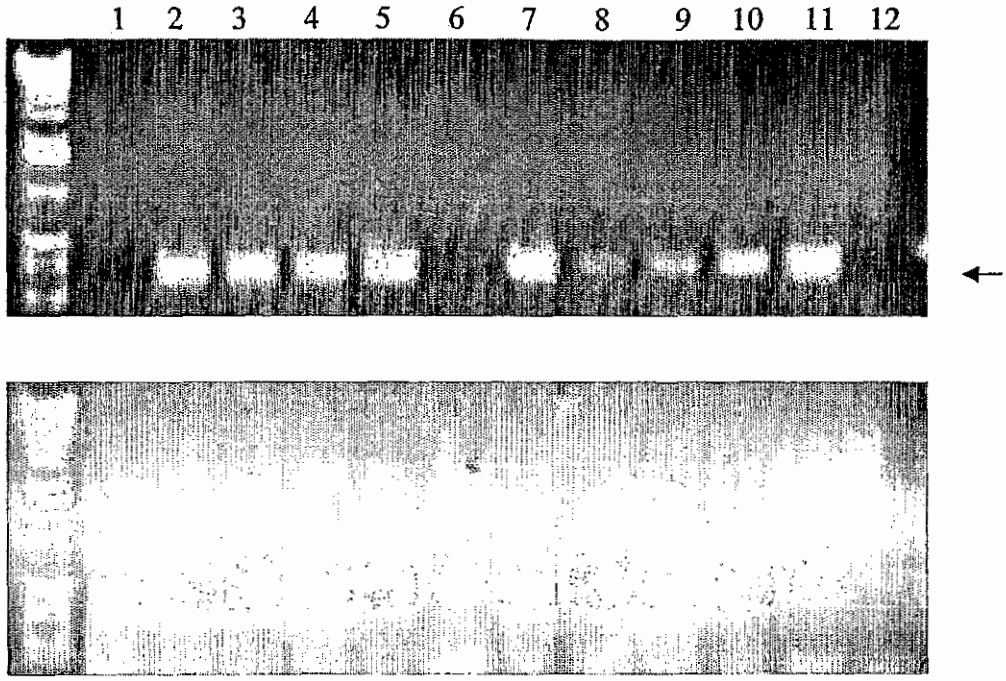


Figure 5

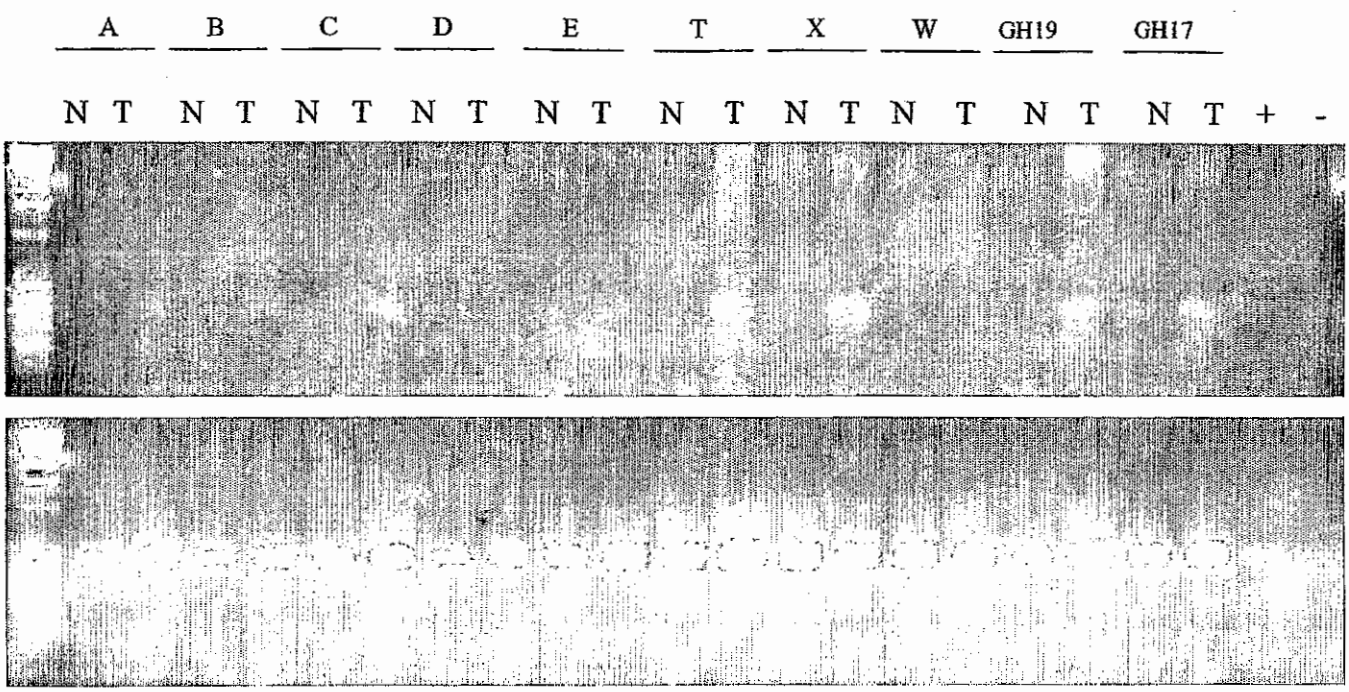


Figure 6

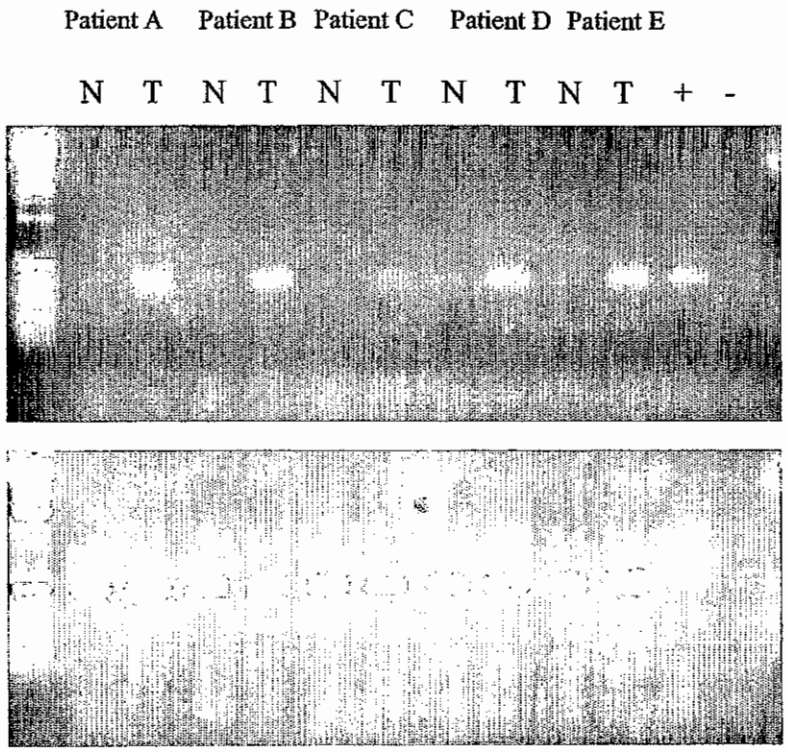
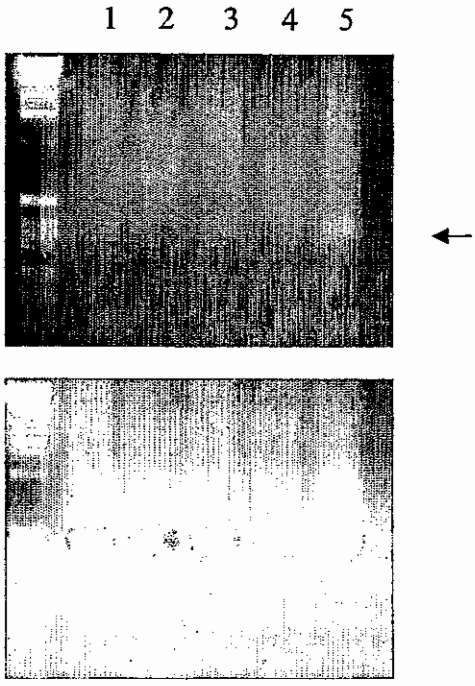

Patient A
Patient B
Patient C
Patient D
Patient E
N T N T N T N T N T + -

Figure 7



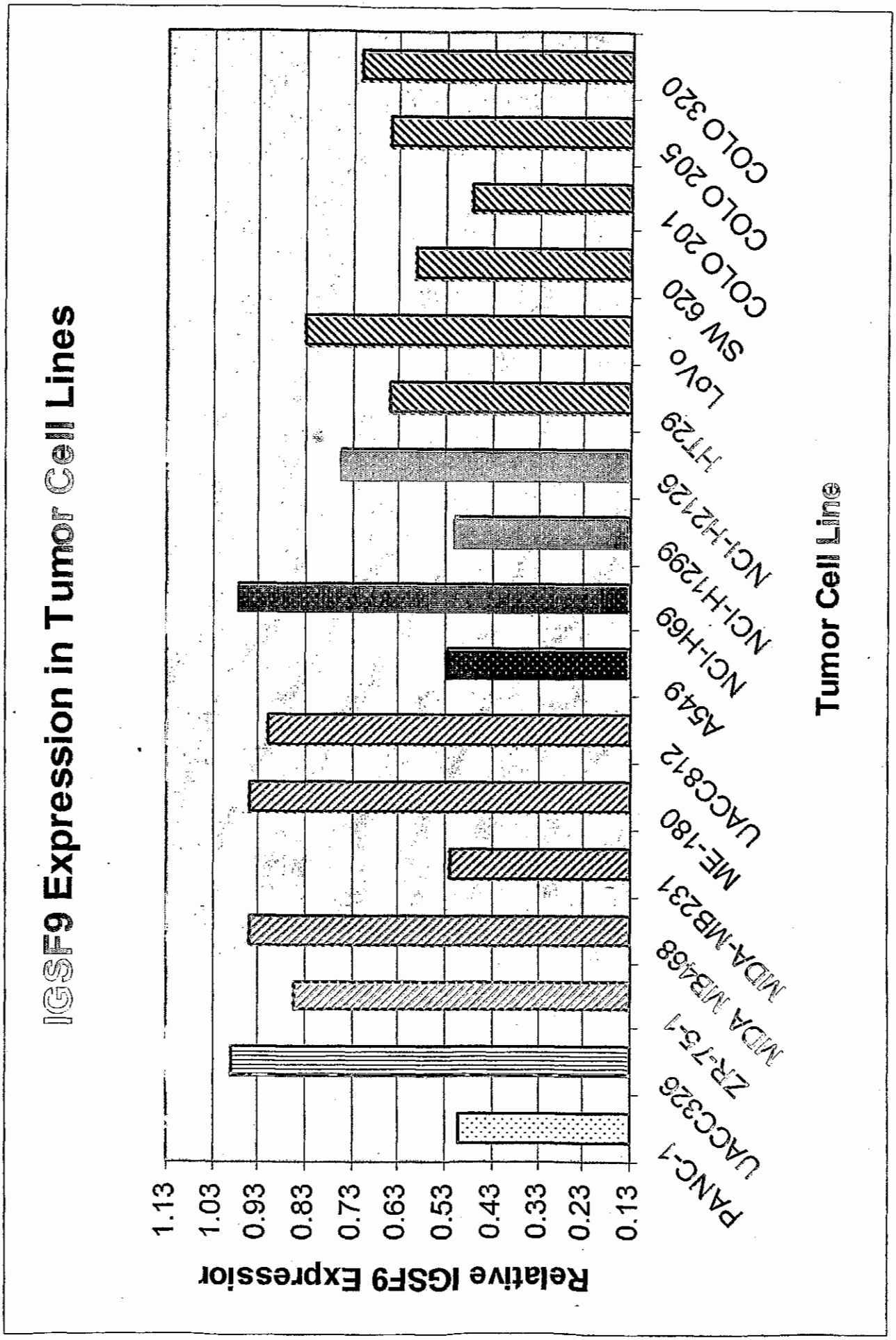

IGSF9 Expression in Tumor Cell Lines
Relative IGSF9 Expression
1.13
1.03
0.93
0.83
0.73
0.63
0.53
0.43
0.33
0.23
0.13
PANC-1
UACC326
ZR-75-1
MDA MB468
MDA-MB231
ME-180
UACC812
A549
NCI-H69
NCI-H1299
NCI-H2126
HT29
LoVo
SW 620
COLO 201
COLO 205
COLO 320
Tumor Cell Line

Figure 8

Figure 9

(A) Short form soluble IGSF9-Ig nucleotide sequence

atggtgtggtgcctcggcctggccgtcctcagcctggtcatcagccaggggctgacggtcgagggaagcctgaggtgg
tatcggtggtgggccgggctgaggagagtgtggtgctgggctgtgacctgctgccccgggccggccggccccccctgca
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Figure 9

(B) Short form soluble IGSF9-Ig protein sequence

mvwclglavlslvisqgadgrgkpevvsvvgraeesvvlgcdllppagrpplhviewlrfgfllpifiqfglyspridpd
yvgrvrlqkgaslqieglrvedqgwyecrvffldqhipeddfangswvhltvnsppqfqetppavlevqelepvtlrcv
argsplphvtwklrgkdlgqgqgqvqvqngtlrirrvergssgvytcqasstegsathatqllvlgppvivvppknstvn
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naktkpreeqynstyrvvsvltvlhqdwlngkeykckvsnkalpapiektiskakgqprepqvytlppsrdeltknqv
sltclvkgfypsdiavewesngqpennykttppvldsdgsfflyskltvdksrwqqgnvfscsvmhealhnhytqksl
slspgk*

Figure 9

(C) Long form soluble IGSF9-Ig nucleotide sequence

atggtgtggtgcctcggcctggccgtcctcagcctggtcatcagccaggggctgacggtcgagggaagcctgaggtgg
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cctctccctgtctccgggtaaatga

Figure 9

(D) Long form soluble IGSF9-Ig protein sequence

mvwclglavlslvisqgadgrgkpevvsvvgraeesvvlgcdllppagrpplhviewlrfgfllpifiqfglyspridpd
yvgrvrlqkgaslqieglrvedqgwyecrvffldqhipeddfangswvhltvnsppqfqetppavlevqelepvtlrcv
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kfnwyvdgvevhnaktkpreeqynstyrvvsvltvlhqdwlngkeykckvsnkalpapiektiskakgqprepqvy
tlppsrdeltknqvsltclvkgfypsdiavewesngqpennykttppvldsdgsfflyskltvdksrwqqgnvfscsvm
healhnhytqkslslspgk

Figure 9

(E) Long form full length IGSF9 nucleotide sequence

atggtgtggtgcctcggcctggccgtcctcagcctggtcatcagccaggggctgacggtcgagggaagcctgaggtgg
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cctggccttccgccgccgccgagatgctactagggctcggctaccagcctatcgacagccagtcccccacccccgaacag
gccactctgctgtga

Figure 9

(F) Long form full length IGSF9 protein sequence

mvwclglavlslvisqgadgrgkpevvsvvgragesvvlgcdllppagrpplhviewlrfgfllpifiqfglyspridpd
yvgrvrlqkgaslqieglrvedqgwyecrvffldqhipeddfangswvhltvnsppqfqetppavlevqelepvtlrcv
argsplphvtwklrgkdlgqgqgqvqvqngtlrirrvergssgvytcqasstegsathatqllvlgppvivvppknstvn
asqdvslachaeaypanltyswfqdninvfhisrlqprvrilvdgslrllatqpddagcytcvpsngllhppsasayltvly
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Figure 9

(G)Protein sequence comparison of long and short form IGSF9

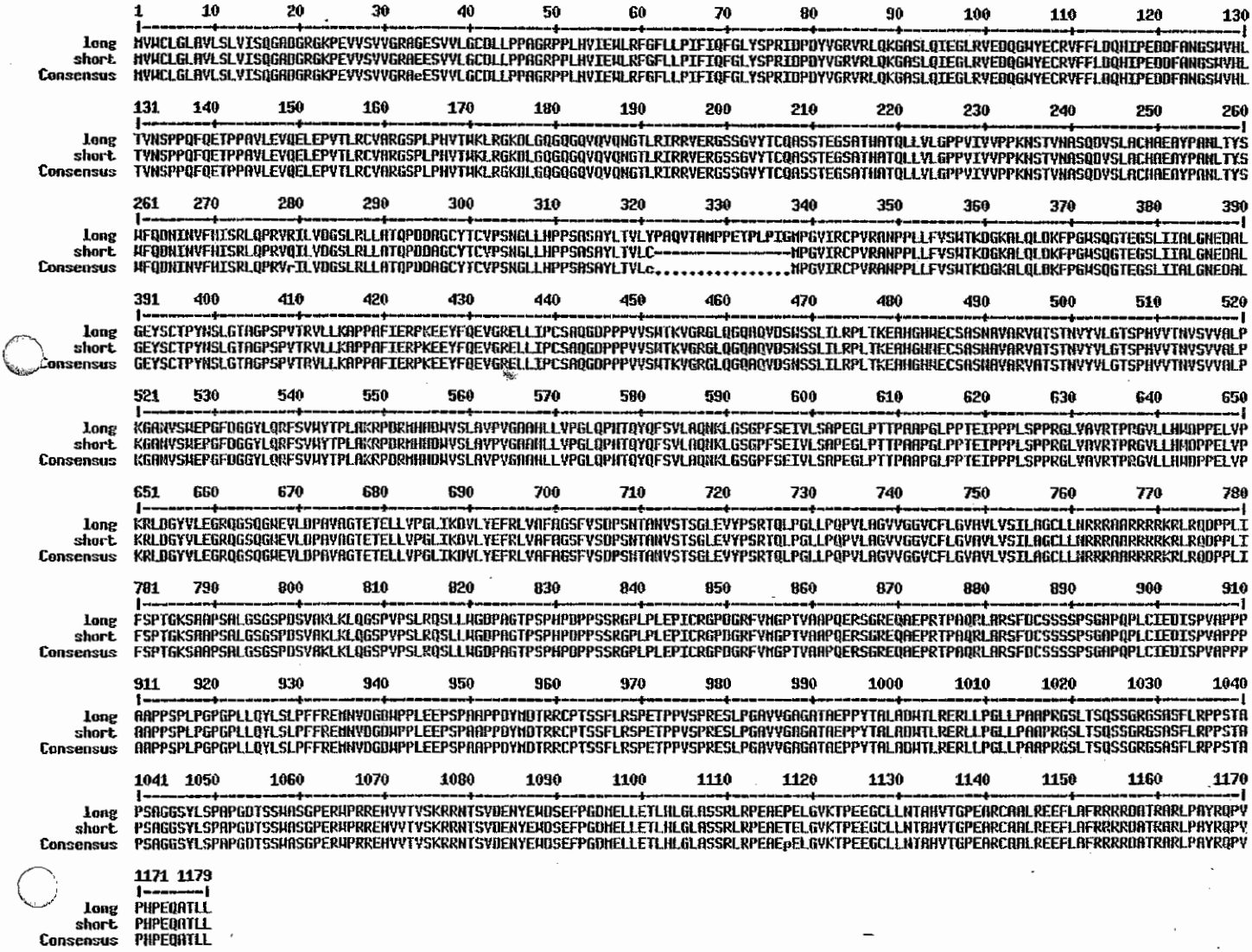


Figure 9

(H) Nucleotide sequences of alternate splice forms of IGSF9 in the region of exons 5-11 sequenced from tumor xenograft samples

NCI-H69 IGSF9 fragment - clone 1

caggaactggagcctgtgaccctgcgttgtgtggcccgtggcagcccccctgcctcatgtgacgtggaagctccgaggaaa
ggaccttggccagggccagggccaggtgcaagtgcagaacgggacgctgcggatccgccgggtagagcgaggcagc
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cagtcatcgtggtgccccccaagaacagcacagtcaatgcctcccaggatgtttcattggcctgccatgctgaggcatacc
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ctgcatccaccctcagcctctgcctacctcactgtgctctgtaagcctgacctcagcttctccctcagcctgctccttccctg
ggccaggccaagccctctccccaacttgccactattttccccagacccagcccaggtgacagctatgcctcctgagac
acccctgcccataggcatgccgggggtgatccgctgcccggttcgtgccaacccccccactgctctttgtcagctggaccaa
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ctgaagtttctttcgtgtgatgactgggaaattgtgtgtcccgggggaatacacacttcttaccagttccctggctggtcccag
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tggtaccgccgggccctctcctgtgacccgcgtgctgctcaaggctcccccagcttttatagag

NCI-H69 IGSF9 fragment - clone 2

caggaactggagcctgtgaccctgcgttgtgtggcccgtggcagcccccctgcctcatgtgacgtggaagctccgaggaaa
ggaccttggccagggccagggccaggtgcaagtgcagaacgggacgctgcggatccgccgggtagagcgaggcagc
tctggggtctacacctgccaagcctccagcactgagggcagcgccacccacgccacccagctgctagtgctaggacccc
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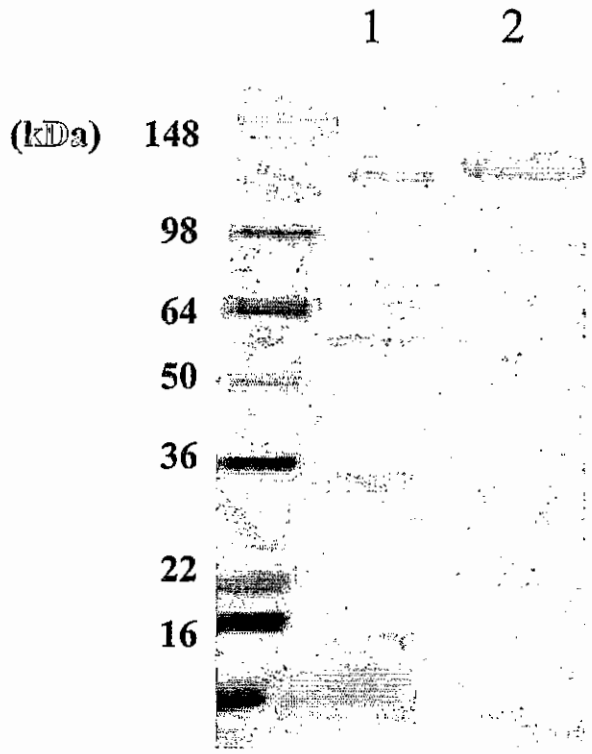
Ovcar-3 IGSF9 fragment - clone 1

caggaactggagcctgtgaccctgcgttgtgtggcccgtggcagcccccctgcctcatgtgacgtggaagctccgaggaaa
ggaccttggccagggccagggccaggtgcaagtgcagaacgggacgctgcggatccgccgggtagagcgaggcagc
tctggggtctacacctgccaagcctccagcactgagggcagcgccacccacgccacccagctgctagtgctaggacccc
cagtcatcgtggtgccccccaagaacagcacagtcaatgcctcccaggatgtttcattggcctgccatgctgaggcatacc
ctgctaacctcacctacagctggttccaggacaacatcaatgtcttccacattagccgcctgcagccccgggtgcggatcct
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ctgcatccaccctcagcctctgcctacctcactgtgctctctggaccaaggatggaaaggccctgcagctggacaagaaga
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tgtcccgggggaacacacacttcttaccagttccctggctggtcccagggcacagaaggctcactgatcatcgccctgggg
aacgaggatgccctgggagaatactcctgcacccccctacaacagtcttggtaccgccgggccctctcctgtgacccgcgt
gctgctcaaggctcccccagcttttatagag

Ovcar-3 IGSF9 fragment - clones 2-4

caggaactggagcctgtgaccctgcgttgtgtggcccgtggcagccccctgcctcatgtgacgtggaagctccgaggaaa
ggaccttggccagggccagggccaggtgcaagtgcagaacgggacgctgcggatccgccgggtagagcgaggcagc
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Figure 10



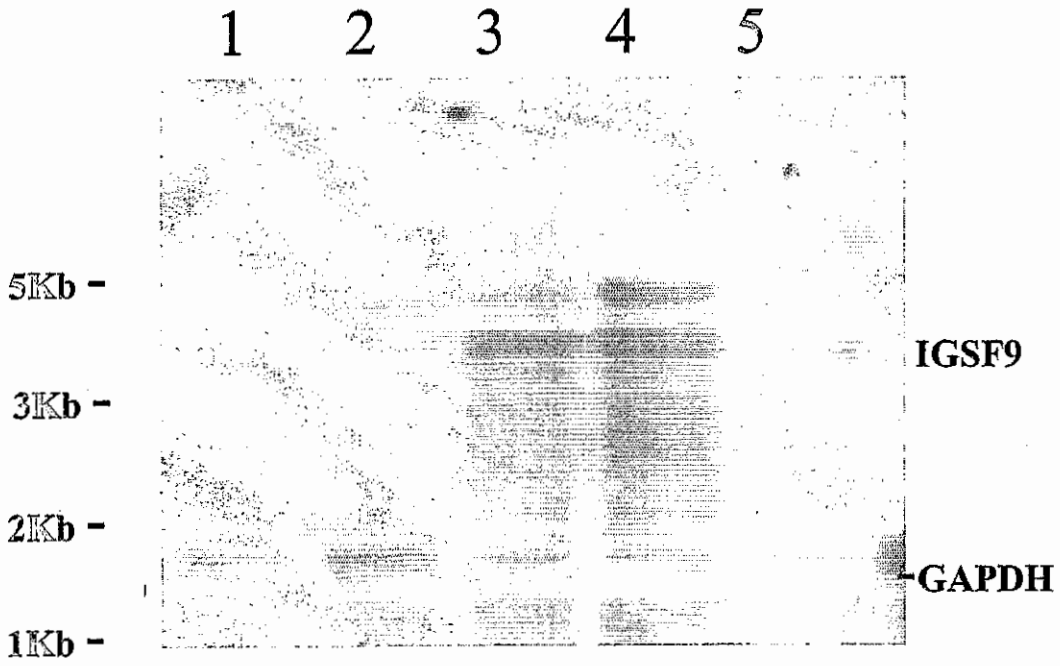
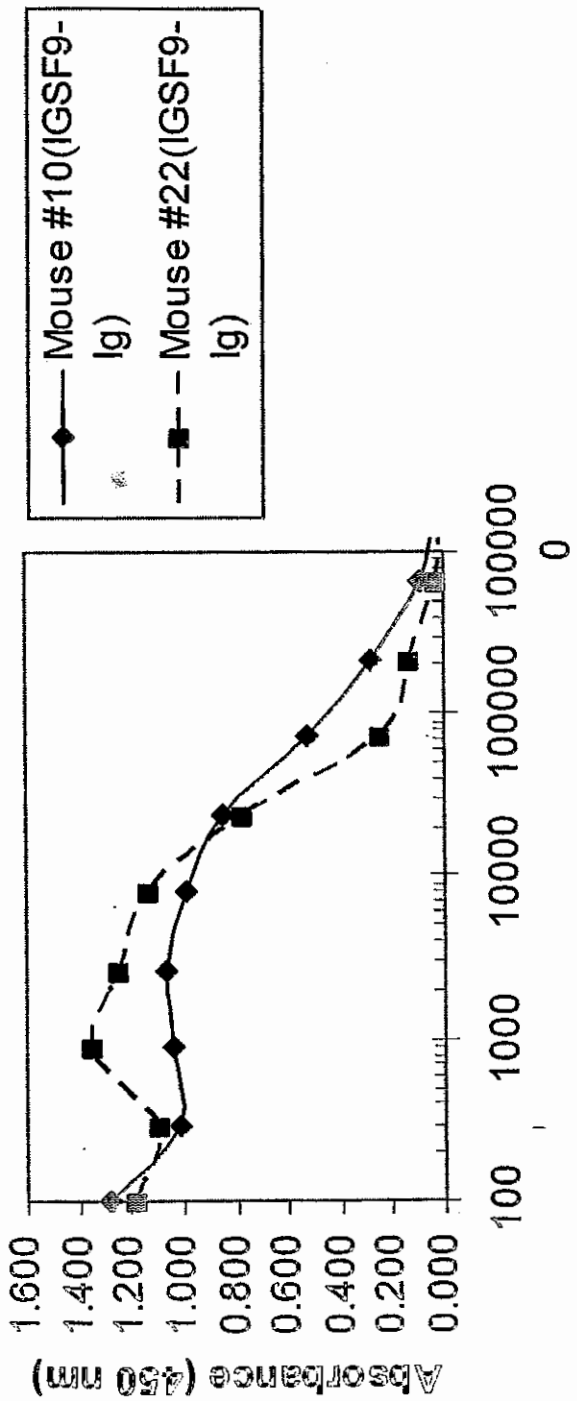


Figure 11

Figure 12


Mouse #10(IGSF9-Ig)
Mouse #22(IGSF9-Ig)
Absorbance (450 nm)
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
100
1000
10000
100000
100000
0
1/dilution

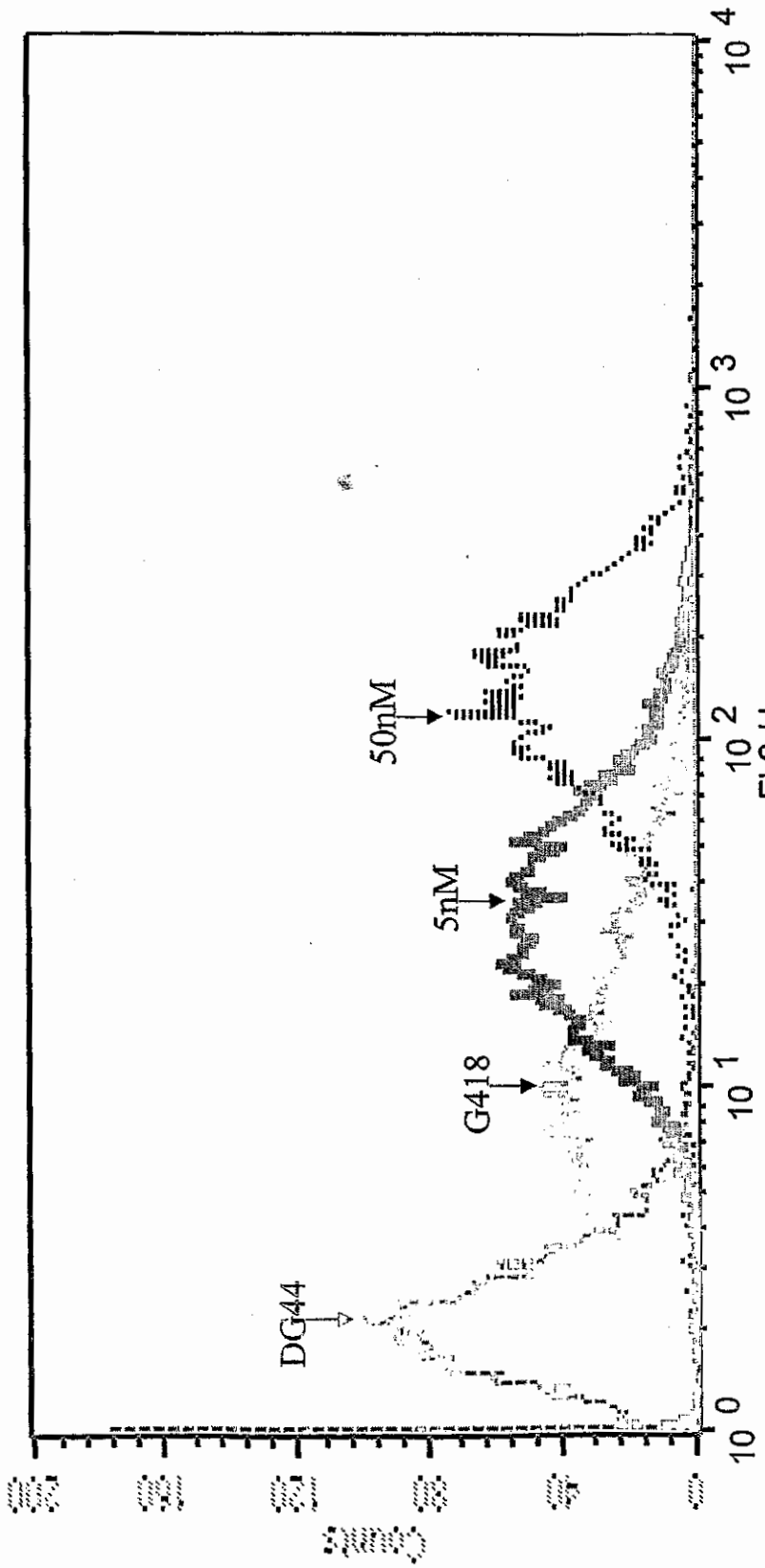


Figure 13

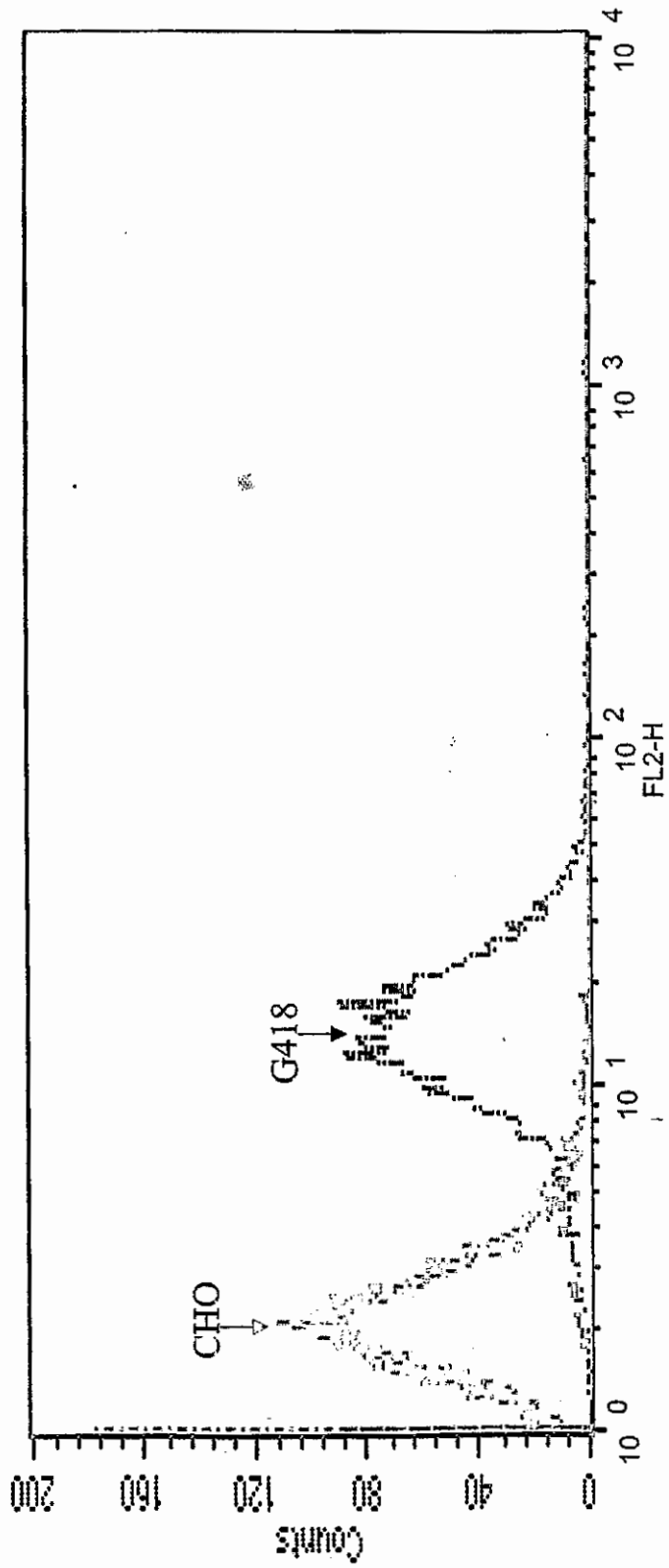
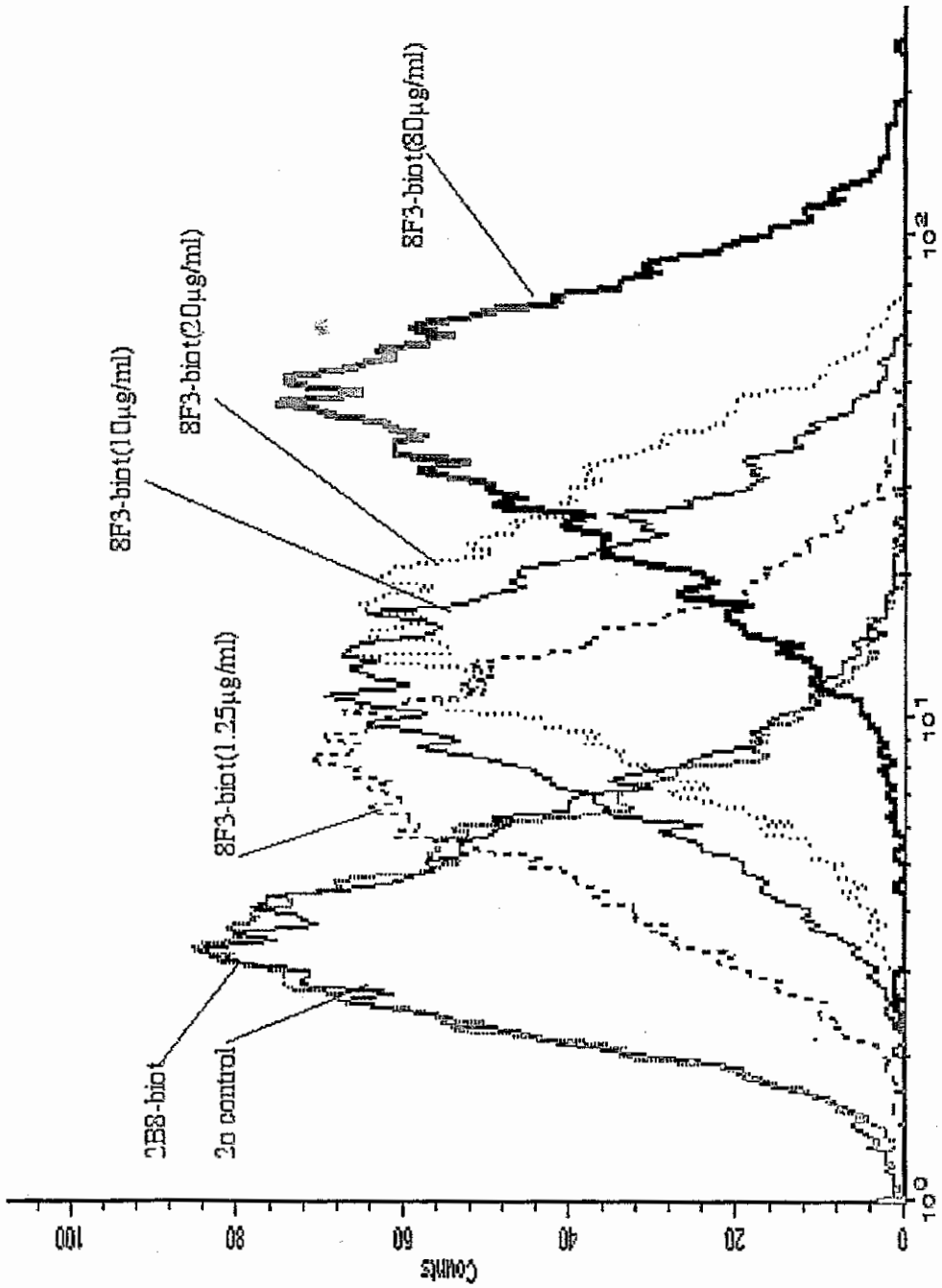


Figure 14

Figure 15


8F3-biot(80µg/ml)
8F3-biot(20µg/ml)
8F3-biot(10µg/ml)
8F3-biot(1.25µg/ml)
2B8-biot
2o control
Counts
0
20
40
60
80
100
10⁰
10¹
10²
FL-2

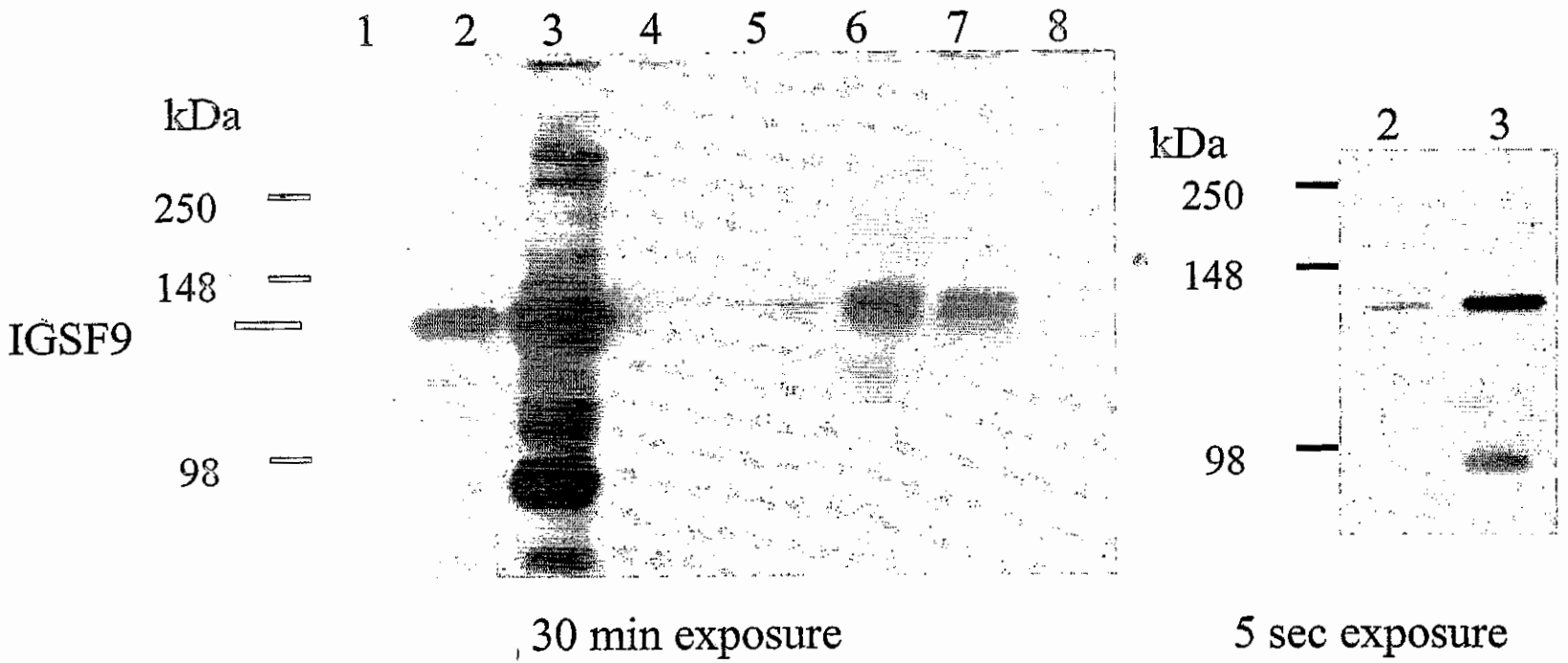

1 2 3 4 5 6 7 8
kDa
250
148
IGSF9
98
30 min exposure
2 3
kDa
250
148
98
5 sec exposure

Figure 16



Figure 17

Figure 18

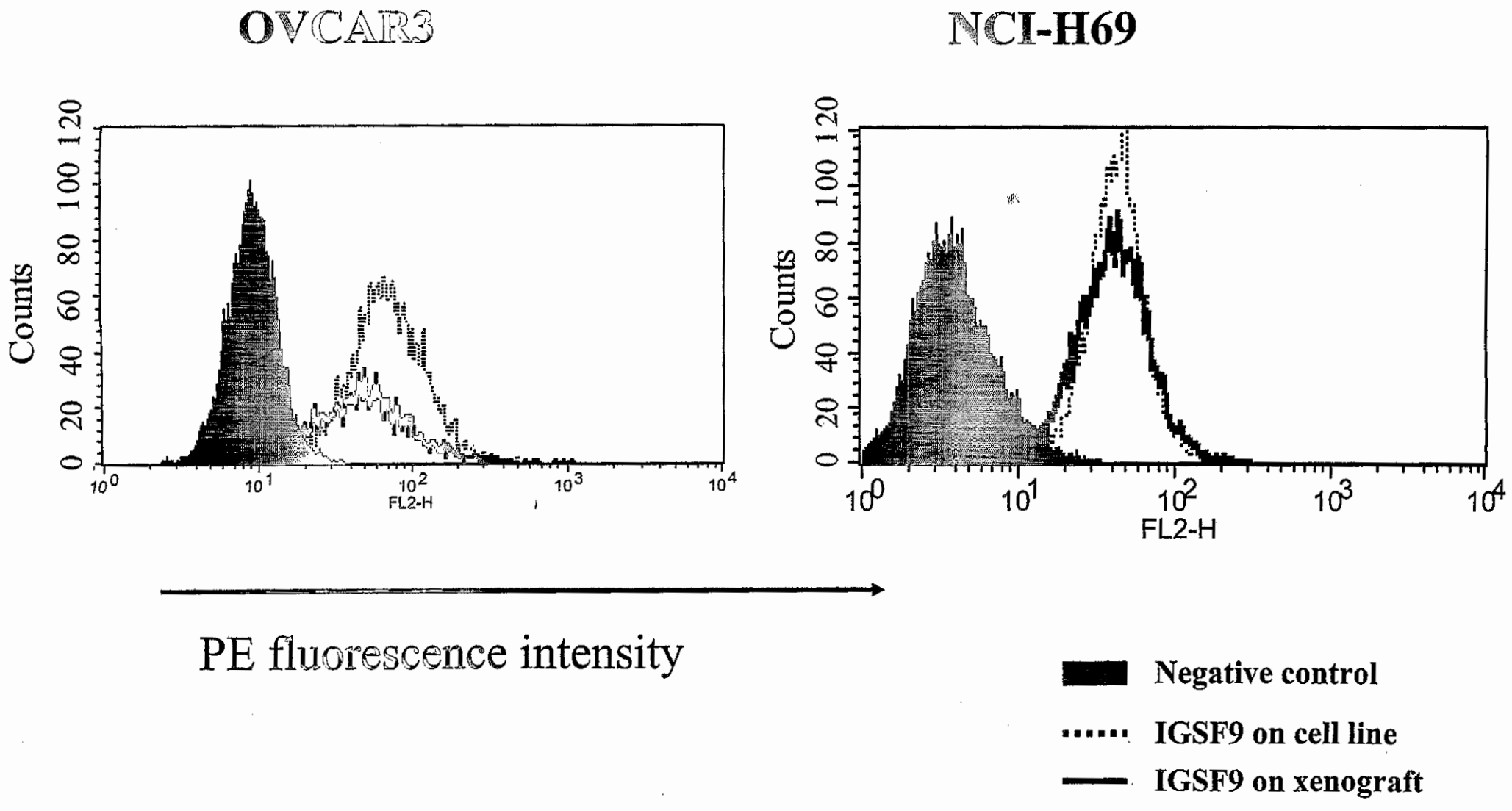
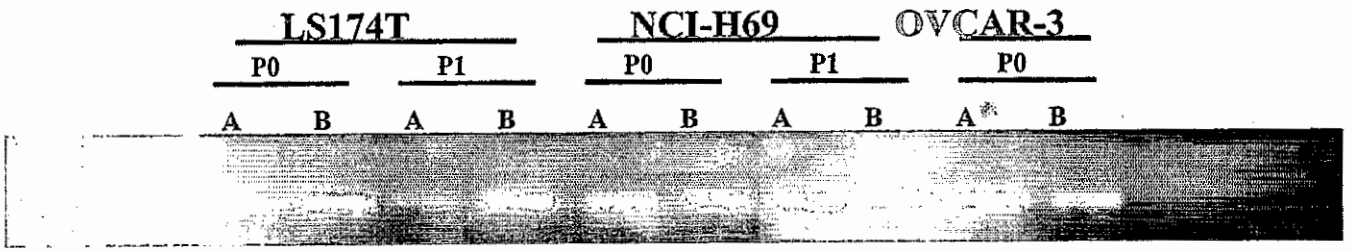
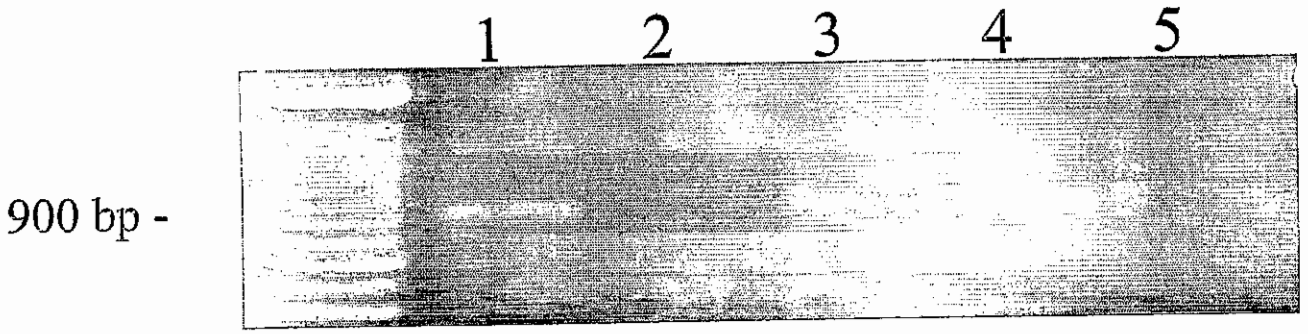

OVCAR3
NCI-H69
Counts
0 20 40 60 80 100 120
10^0 10^1 10^2 10^3 10^4
FL2-H
PE fluorescence intensity
Negative control
IGSF9 on cell line
IGSF9 on xenograft

Figure 19



A: IGSF9 – 444 bp
B: GAPDH – 482 bp

A


1
2
3
4
5
900 bp -

B

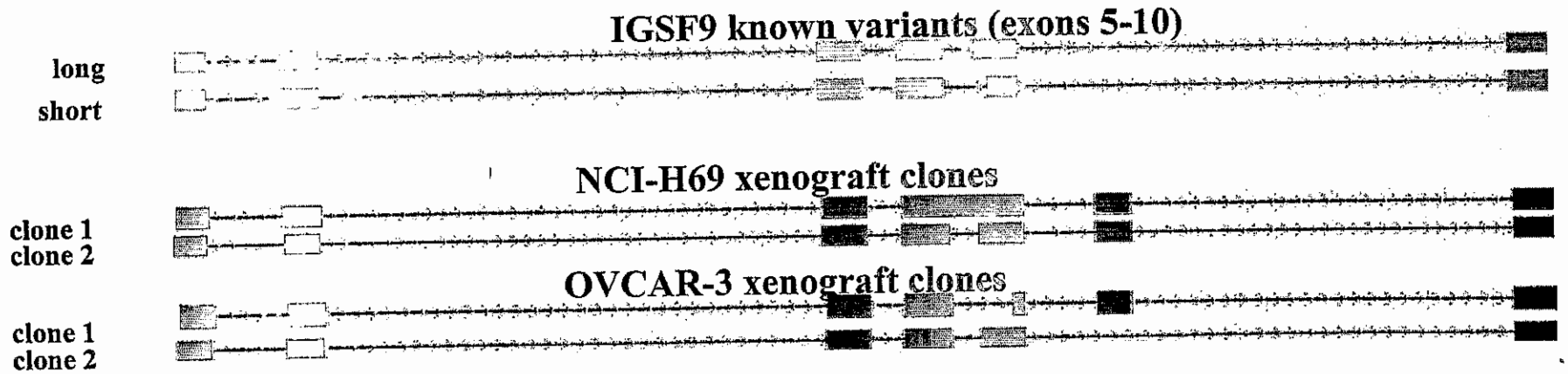

IGSF9 known variants (exons 5-10)
long
short
NCI-H69 xenograft clones
clone 1
clone 2
OVCAR-3 xenograft clones
clone 1
clone 2

Figure 20

A

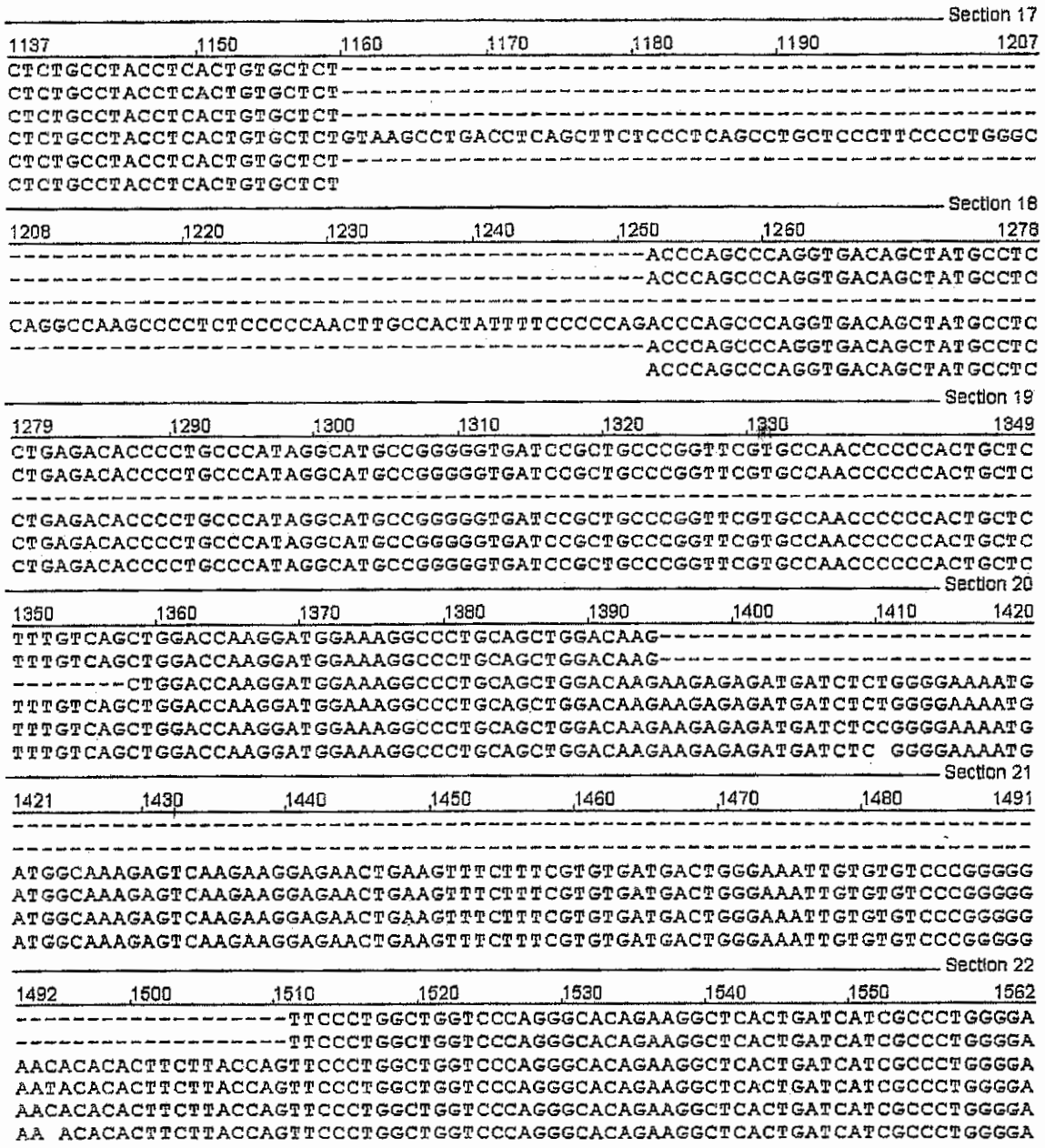

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2 CTCTGCCTACCTCACTGTGCTCT----------
3 CTCTGCCTACCTCACTGTGCTCT----------
4 CTCTGCCTACCTCACTGTGCTCTGTAAGCCTGACCTCAGCTTCTCCCTCAGCCTGCTCCCTTCCCCTGGGC
5 CTCTGCCTACCTCACTGTGCTCT----------
6 CTCTGCCTACCTCACTGTGCTCT
Section 18
1208 1220 1230 1240 1250 1260 1278
1 ----------ACCCAGCCCAGGTGACAGCTATGCCTC
2 ----------ACCCAGCCCAGGTGACAGCTATGCCTC
3 ----------
4 CAGGCCAAGCCCCTCTCCCCCAACTTGCCACTATTTTCCCCCAGACCCAGCCCAGGTGACAGCTATGCCTC
5 ----------ACCCAGCCCAGGTGACAGCTATGCCTC
6 ACCCAGCCCAGGTGACAGCTATGCCTC
Section 19
1279 1290 1300 1310 1320 1330 1349
1 CTGAGACACCCCTGCCCATAGGCATGCCGGGGGTGATCCGCTGCCCGGTTCGTGCCAACCCCCCACTGCTC
2 CTGAGACACCCCTGCCCATAGGCATGCCGGGGGTGATCCGCTGCCCGGTTCGTGCCAACCCCCCACTGCTC
3 ----------
4 CTGAGACACCCCTGCCCATAGGCATGCCGGGGGTGATCCGCTGCCCGGTTCGTGCCAACCCCCCACTGCTC
5 CTGAGACACCCCTGCCCATAGGCATGCCGGGGGTGATCCGCTGCCCGGTTCGTGCCAACCCCCCACTGCTC
6 CTGAGACACCCCTGCCCATAGGCATGCCGGGGGTGATCCGCTGCCCGGTTCGTGCCAACCCCCCACTGCTC
Section 20
1350 1360 1370 1380 1390 1400 1410 1420
1 TTTGTCAGCTGGACCAAGGATGGAAAGGCCCTGCAGCTGGACAAG----------
2 TTTGTCAGCTGGACCAAGGATGGAAAGGCCCTGCAGCTGGACAAG----------
3 --------CTGGACCAAGGATGGAAAGGCCCTGCAGCTGGACAAGAAGAGAGATGATCTCTGGGGAAAATG
4 TTTGTCAGCTGGACCAAGGATGGAAAGGCCCTGCAGCTGGACAAGAAGAGAGATGATCTCTGGGGAAAATG
5 TTTGTCAGCTGGACCAAGGATGGAAAGGCCCTGCAGCTGGACAAGAAGAGAGATGATCTCCGGGGAAAATG
6 TTTGTCAGCTGGACCAAGGATGGAAAGGCCCTGCAGCTGGACAAGAAGAGAGATGATCTC GGGGAAAATG
Section 21
1421 1430 1440 1450 1460 1470 1480 1491
1 ----------
2 ----------
3 ATGGCAAAGAGTCAAGAAGGAGAACTGAAGTTTCTTTCGTGTGATGACTGGGAAATTGTGTGTCCCGGGGG
4 ATGGCAAAGAGTCAAGAAGGAGAACTGAAGTTTCTTTCGTGTGATGACTGGGAAATTGTGTGTCCCGGGGG
5 ATGGCAAAGAGTCAAGAAGGAGAACTGAAGTTTCTTTCGTGTGATGACTGGGAAATTGTGTGTCCCGGGGG
6 ATGGCAAAGAGTCAAGAAGGAGAACTGAAGTTTCTTTCGTGTGATGACTGGGAAATTGTGTGTCCCGGGGG
Section 22
1492 1500 1510 1520 1530 1540 1550 1562
1 ----------TTCCCTGGCTGGTCCCAGGGCACAGAAGGCTCACTGATCATCGCCCTGGGGA
2 ----------TTCCCTGGCTGGTCCCAGGGCACAGAAGGCTCACTGATCATCGCCCTGGGGA
3 AACACACACTTCTTACCAGTTCCCTGGCTGGTCCCAGGGCACAGAAGGCTCACTGATCATCGCCCTGGGGA
4 AATACACACTTCTTACCAGTTCCCTGGCTGGTCCCAGGGCACAGAAGGCTCACTGATCATCGCCCTGGGGA
5 AACACACACTTCTTACCAGTTCCCTGGCTGGTCCCAGGGCACAGAAGGCTCACTGATCATCGCCCTGGGGA
6 AA ACACACTTCTTACCAGTTCCCTGGCTGGTCCCAGGGCACAGAAGGCTCACTGATCATCGCCCTGGGGA

Figure 21

Figure 21

B

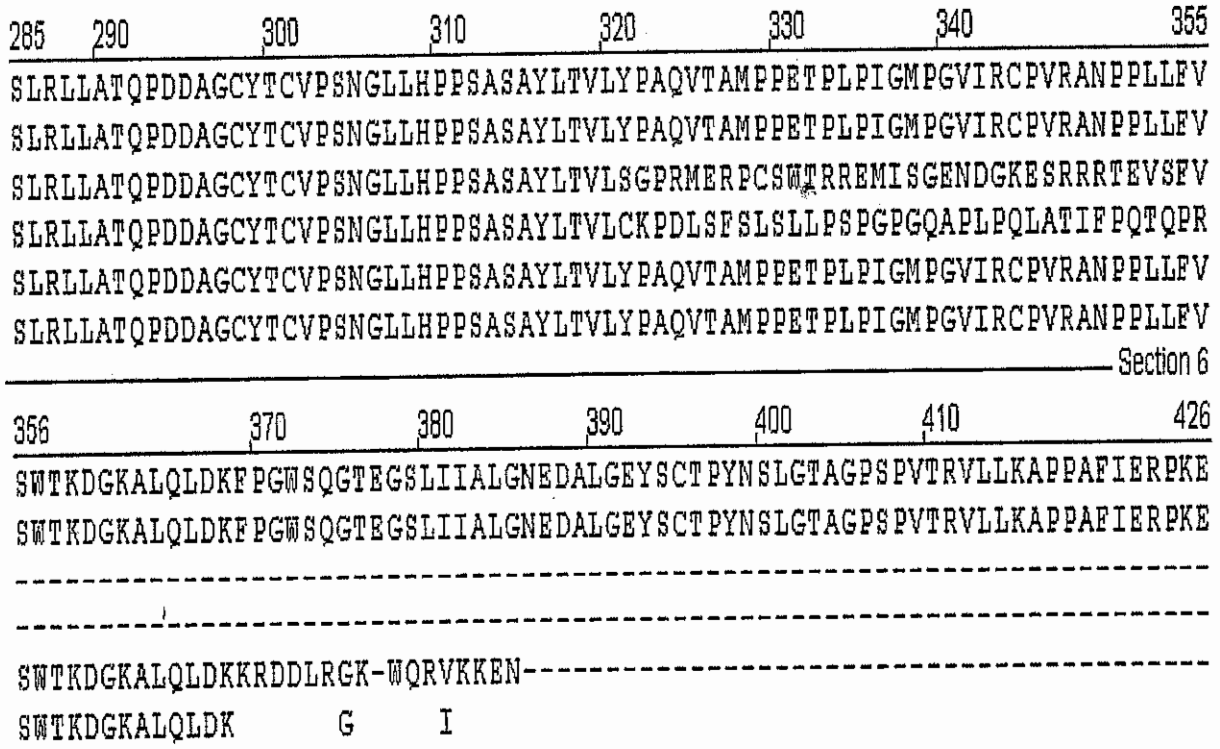

285 290 300 310 320 330 340 355
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3 SLRLLATQPDDAGCYTCVPSNGLLHPPSASAYLTVLSGPRMERPCSWTRREMISGENDGKESRRRTEVSFV
4 SLRLLATQPDDAGCYTCVPSNGLLHPPSASAYLTVLCKPDLSFSLSLLPSPGPGQAPLPQLATIFPQTQPR
5 SLRLLATQPDDAGCYTCVPSNGLLHPPSASAYLTVLYPAQVTAMPPETPLPIGMPGVIRCPVRANPPLLFV
6 SLRLLATQPDDAGCYTCVPSNGLLHPPSASAYLTVLYPAQVTAMPPETPLPIGMPGVIRCPVRANPPLLFV
Section 6
356 370 380 390 400 410 426
1 SWTKDGKALQLDKFPGWSQGTEGSLIIALGNEDALGEYSCTPYNSLGTAGPSPVTRVLLKAPPAFIERPKE
2 SWTKDGKALQLDKFPGWSQGTEGSLIIALGNEDALGEYSCTPYNSLGTAGPSPVTRVLLKAPPAFIERPKE
3 ----------
4 ----------
5 SWTKDGKALQLDKKRDDLRGK-WQRVKKEN----------
6 SWTKDGKALQLDK G I

Figure 22A

Homo sapiens LIV-1 protein, mRNA

ATGGCGAGGAAGTTATCTGTAATCTTGATCCTGACCTTTGCCCTCTCTGTCACAAATCCCCTTCATGAACTAAAAGCAGCTGCTTTCCCCCAGACCACTGA
GAAAATTAGTCCGAATTGGGAATCTGGCATTAATGTTGACTTGGCAATTTCCACACGGCAATATCATCTACAACAGCTTTTCTACCGCTATGGAGAAAATA
ATTCTTTGTCAGTTGAAGGGTTCAGAAAATTACTTCAAAATATAGGCATAGATAAGATTAAAAGAATCCATATACACCATGACCACGACCATCACTCAGAC
CACGAGCATCACTCAGACCATGAGCGTCACTCAGACCATGAGCATCACTCAGACCACGAGCATCACTCTGACCATAATCATGCTGCTTCTGGTAAAAATAA
GCGAAAAGCTCTTTGCCCAGACCATGACTCAGATAGTTCAGGTAAAGATCCTAGAAACAGCCAGGGGAAAGGAGCTCACCGACCAGAACATGCCAGTGGTA
GAAGGAATGTCAAGGACAGTGTTAGTGCTAGTGAAGTGACCTCAACTGTGTACAACACTGTCTCTGAAGGAACTCACTTTCTAGAGACAATAGAGACTCCA
AGACCTGGAAAACTCTTCCCCAAAGATGTAAGCAGCTCCACTCCACCCAGTGTCACATCAAAGAGCCGGGTGAGCCGGCTGGCTGGTAGGAAAACAAATGA
ATCTGTGAGTGAGCCCCGAAAAGGCTTTATGTATTCCAGAAACACAAATGAAAATCCTCAGGAGTGTTTCAATGCATCAAAGCTACTGACATCTCATGGCA
TGGGCATCCAGGTTCCGCTGAATGCAACAGAGTTCAACTATCTCTGTCCAGCCATCATCAACCAAATTGATGCTAGATCTTGTCTGATTCATACAAGTGAA
AAGAAGGCTGAAATCCCTCCAAAGACCTATTCATTACAAATAGCCTGGGTTGGTGGTTTTATAGCCATTTCCATCATCAGTTTCCTGTCTCTGCTGGGGGT
TATCTTAGTGCCTCTCATGAATCGGGTGTTTTTCAAATTTCTCCTGAGTTTCCTTGTGGCACTGGCCGTTGGGACTTTGAGTGGTGATGCTTTTTTACACC
TTCTTCCACATTCTCATGCAAGTCACCACCATAGTCATAGCCATGAAGAACCAGCAATGGAAATGAAAAGAGGACCACTTTTCAGTCATCTGTCTTCTCAA
AACATAGAAGAAAGTGCCTATTTTGATTCCACGTGGAAGGGTCTAACAGCTCTAGGAGGCCTGTATTTCATGTTTCTTGTTGAACATGTCCTCACATTGAT
CAAACAATTTAAAGATAAGAAGAAAAAGAATCAGAAGAAACCTGAAAATGATGATGATGTGGAGATTAAGAAGCAGTTGTCCAAGTATGAATCTCAACTTT
CAACAAATGAGGAGAAAGTAGATACAGATGATCGAACTGAAGGCTATTTACGAGCAGACTCACAAGAGCCCTCCCACTTTGATTCTCAGCAGCCTGCAGTC
TTGGAAGAAGAAGAGGTCATGATAGCTCATGCTCATCCACAGGAAGTCTACAATGAATATGTACCCAGAGGGTGCAAGAATAAATGCCATTCACATTTCCA
CGATACACTCGGCCAGTCAGACGATCTCATTCACCACCATCATGACTACCATCATATTCTCCATCATCACCACCACCAAAACCACCATCCTCACAGTCACA
GCCAGCGCTACTCTCGGGAGGAGCTGAAAGATGCCGGCGTCGCCACTTTGGCCTGGATGGTGATAATGGGTGATGGCCTGCACAATTTCAGCGATGGCCTA
GCAATTGGTGCTGCTTTTACTGAAGGCTTATCAAGTGGTTTAAGTACTTCTGTTGCTGTGTTCTGTCATGAGTTGCCTCATGAATTAGGTGACTTTGCTGT
TCTACTAAAGGCTGGCATGACCGTTAAGCAGGCTGTCCTTTATAATGCATTGTCAGCCATGCTGGCGTATCTTGGAATGGCAACAGGAATTTTCATTGGTC
ATTATGCTGAAAATGTTTCTATGTGGATATTTGCACTTACTGCTGGCTTATTCATGTATGTTGCTCTGGTTGATATGGTACCTGAAATGCTGCACAATGAT
GCTAGTGACCATGGATGTAGCCGCTGGGGGTATTTCTTTTTACAGAATGCTGGGATGCTTTTGGGTTTTGGAATTATGTTACTTATTTCCATATTTGAACA
TAAAATCGTGTTTCGTATAAATTTCTAG

Figure 22B

Homo sapiens LIV-1 protein

MARKLSVILILTFALSVTNPLHELKAAAFPQTTEKISPNWESGINVDLAISTRQYHLQQLFYRYGENNSLSVEGFRKLLQNIGIDKIKRIHIHHDHDHHSD
HEHHSDHERHSDHEHHSDHEHHSDHNHAASGKNKRKALCPDHDSDSSGKDPRNSQGKGAHRPEHASGRRNVKDSVSASEVTSTVYNTVSEGTHFLETIETP
RPGKLFPKDVSSSTPPSVTSKSRVSRLAGRKTNESVSEPRKGFMYSRNTNENPQECFNASKLLTSHGMGIQVPLNATEFNYLCPAIINQIDARSCLIHTSE
KKAEIPPKTYSLQI***AWVGGFIAISIISFLSLLGVILV***PLMNRVFFK***FLLSFLVALAVGTLSGDAFLHLL***PHSHASHHHSHSHEEPAMEMKRGPLFSHLSSQ
NIEESAYFDSTWK***GLTALGGLYFMFLVEHVLTLI***KQFKDKKKKNQKKPENDDDVEIKKQLSKYESQLSTNEEKVDTDDRTEGYLRADSQEPSHFDSQQPAV
LEEEEVMIAHAHPQEVYNEYVPRGCKNKCHSHFHDTLGQSDDLIHHHHDYHHILHHHHHQNHHPHSHSQRYSREELKDAGVATLAWMVIMGDGLHNFSDGL
AIGAAFTEGLSSGLSTSVAVFCHELPHELGDFAVLLKAGMTVKQ***AVLYNALSAMLAYLGMATGIFIG***HYAEN***VSMWIFALTAGLFMYVALVDMV***PEMLHND
ASDHGCSRWGY***FFLQNAGMLLGFGIMLLISIFEH***KIVFRINF

Figure 23

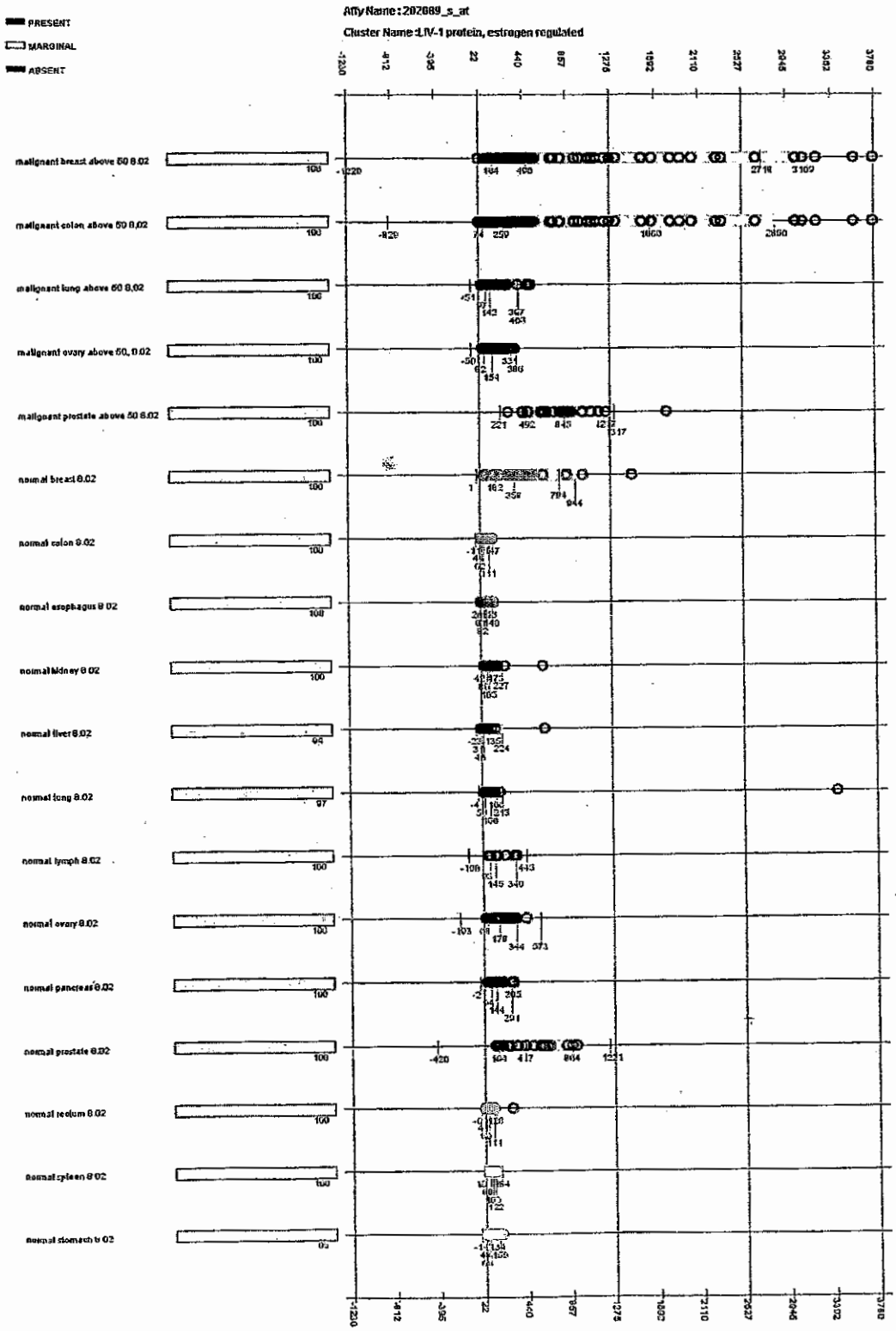

PRESENT
MARGINAL
ABSENT
Affy Name : 202689_s_at
Cluster Name:LIV-1 protein, estrogen regulated
malignant breast above 50 8.02
malignant colon above 50 8.02
malignant lung above 50 8.02
malignant ovary above 50, 8.02
malignant prostate above 50 8.02
normal breast 8.02
normal colon 8.02
normal esophagus 8.02
normal kidney 8.02
normal liver 8.02
normal lung 8.02
normal lymph 8.02
normal ovary 8.02
normal pancreas 8.02
normal prostate 8.02
normal rectum 8.02
normal spleen 8.02
normal stomach 8.02

Figure 24

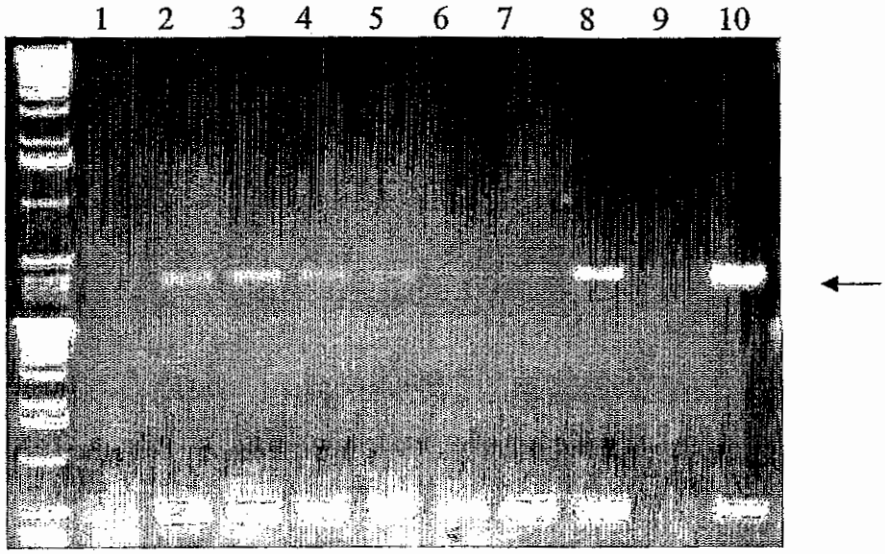


Figure 25

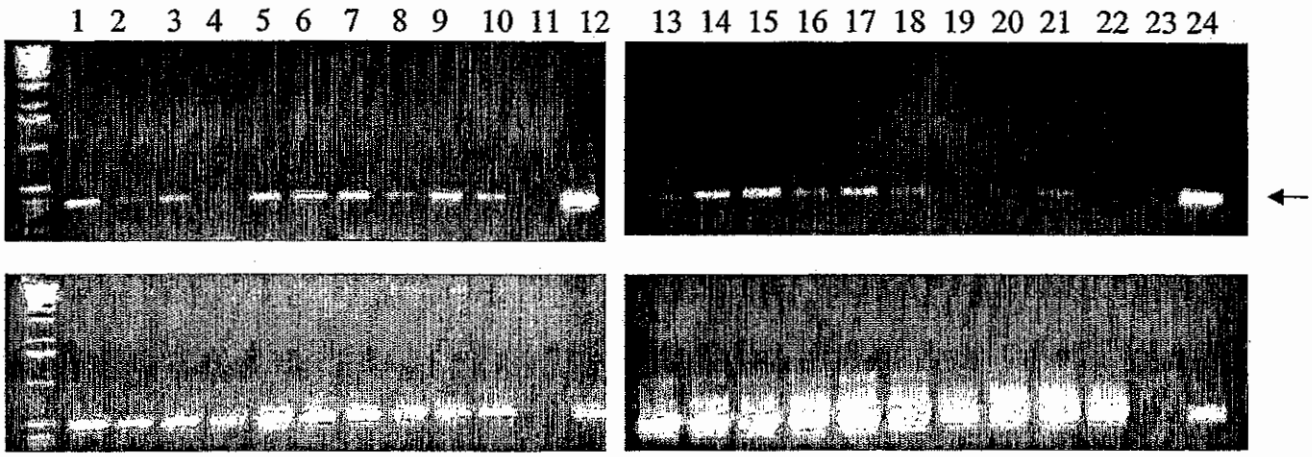


Figure 26

