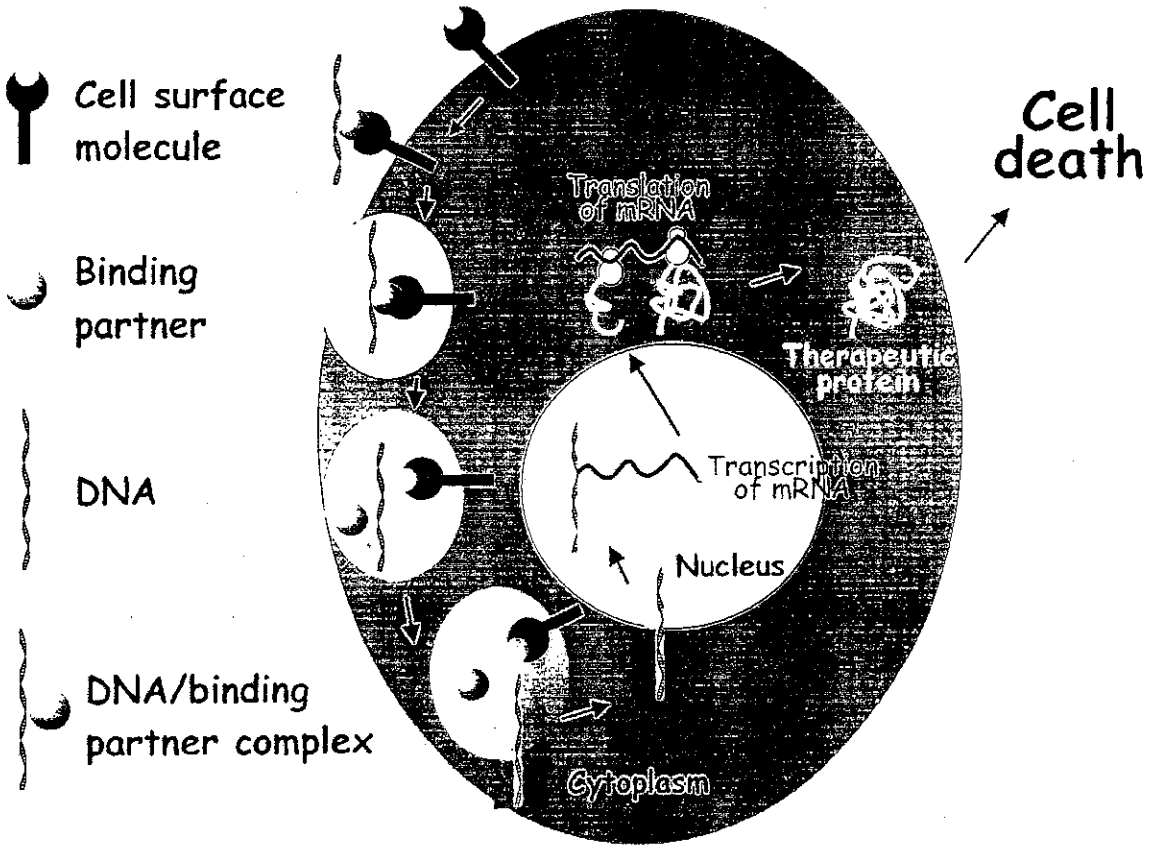
Fig. 1


Cell surface molecule
Binding partner
DNA
DNA/binding partner complex
Translation of mRNA
Therapeutic protein
Transcription of mRNA
Nucleus
Cytoplasm
Cell death

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Fig. 2

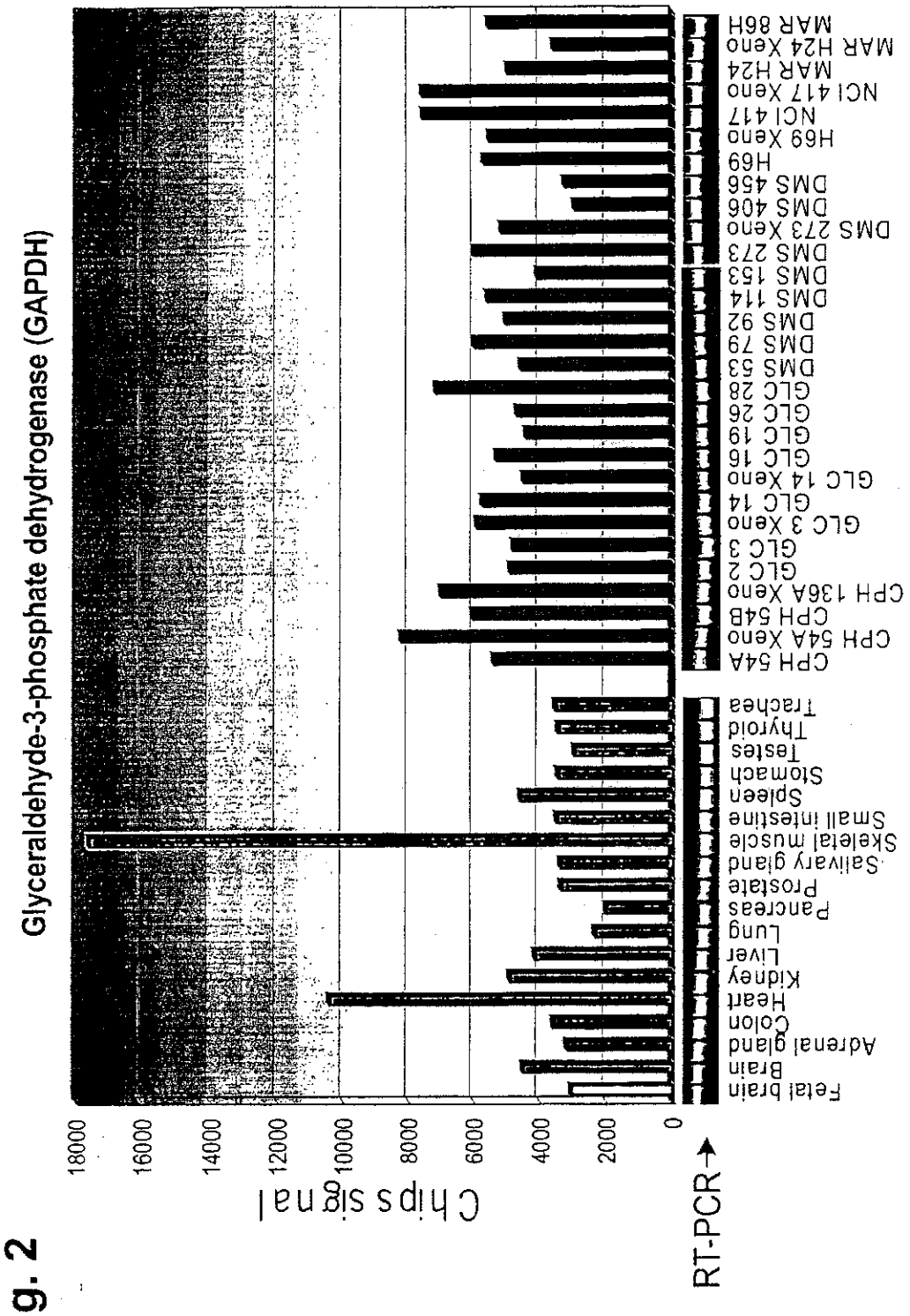
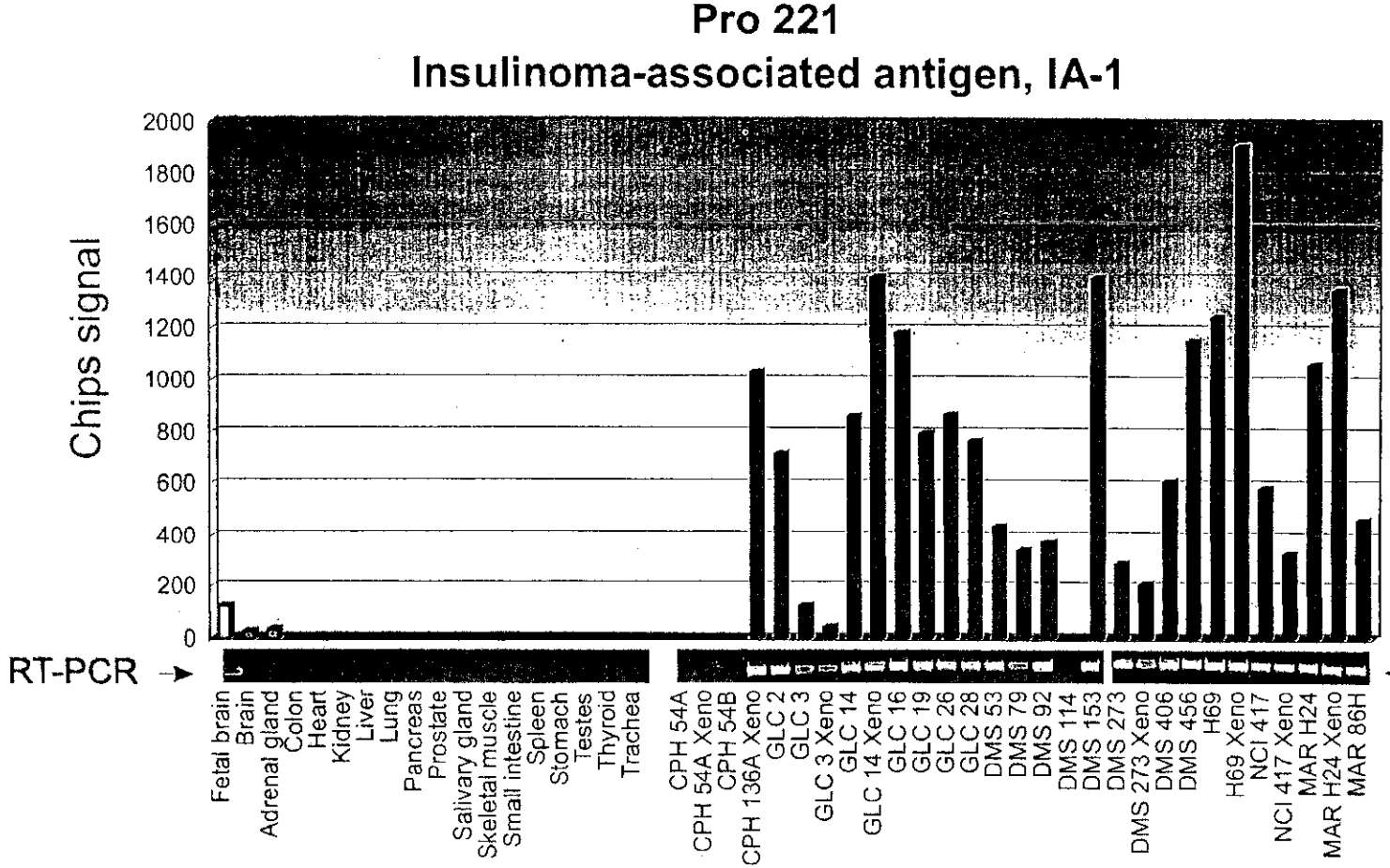


Fig. 3



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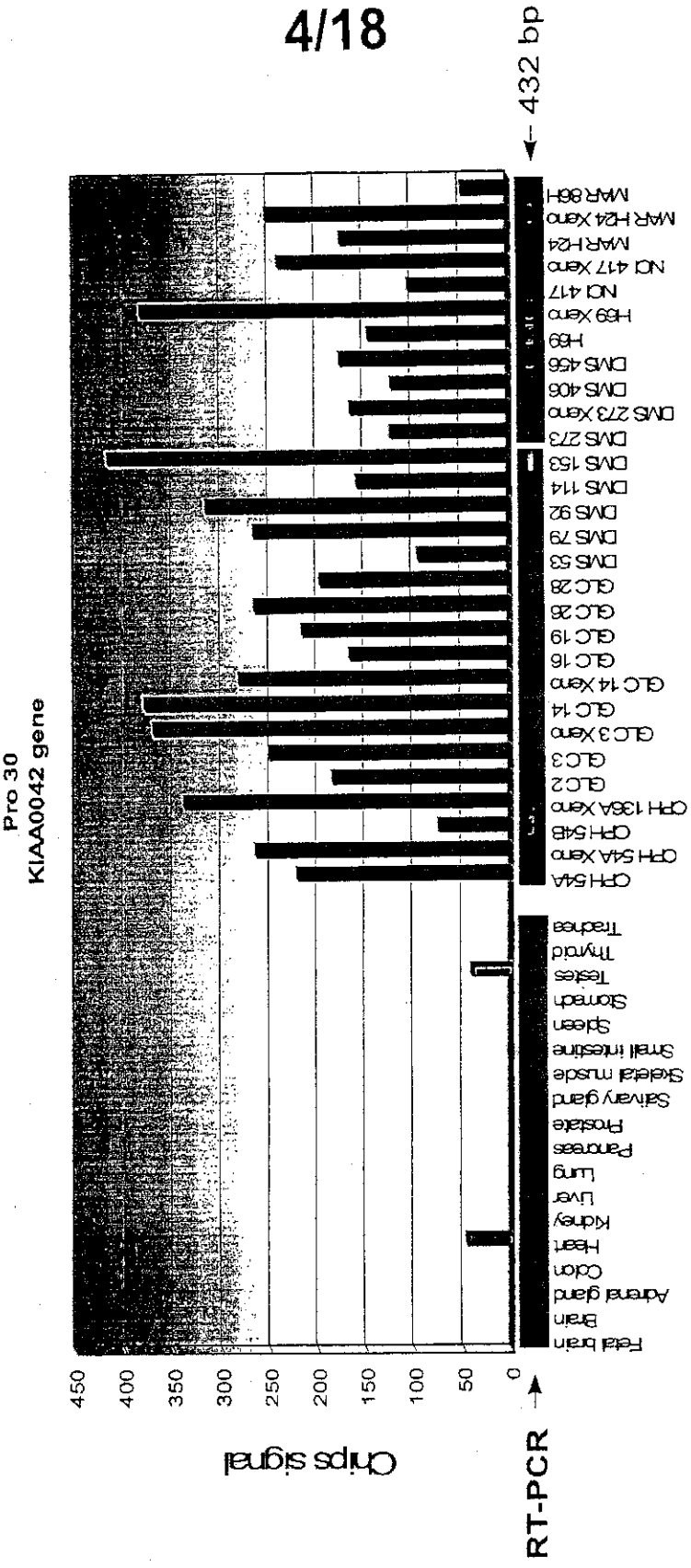

Pro 30
KIAA0042 gene
Chips signal
450
400
350
300
250
200
150
100
50
0
RT-PCR
← 432 bp
Fetal brain
Brain
Adrenal gland
Colon
Heart
Kidney
Liver
Lung
Pancreas
Prostate
Salivary gland
Skeletal muscle
Small intestine
Spleen
Stomach
Testes
Thyroid
Trachea
CPH 54A
CPH 54A Xeno
CPH 54B
CPH 136A Xeno
GLC 2
GLC 3
GLC 3 Xeno
GLC 14
GLC 14 Xeno
GLC 16
GLC 19
GLC 28
GLC 28
DMS 53
DMS 79
DMS 92
DMS 114
DMS 153
DMS 273
DMS 273 Xeno
DMS 406
DMS 456
H69
H69 Xeno
NCI 417
NCI 417 Xeno
MAR H24
MAR H24 Xeno
MAR 86H

Fig. 4

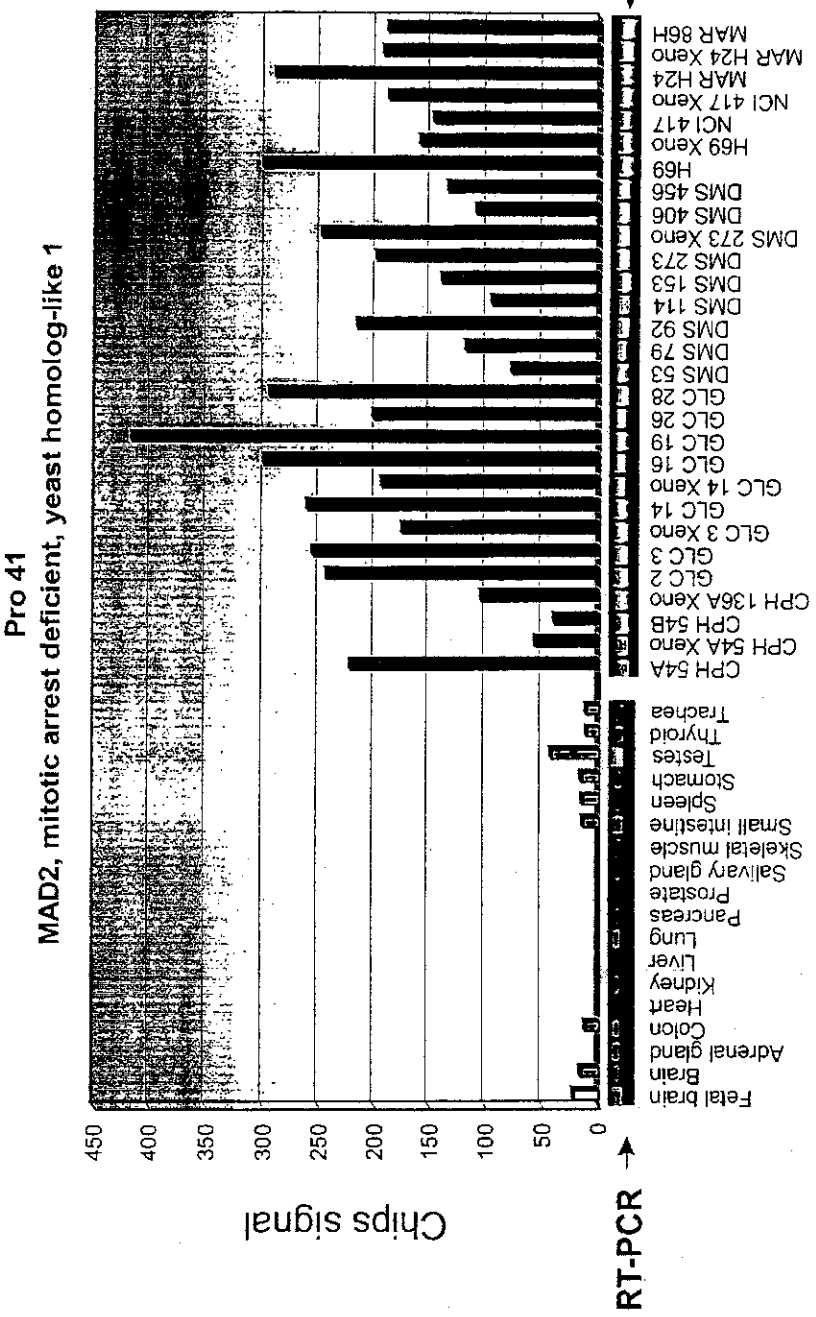

Pro 41
MAD2, mitotic arrest deficient, yeast homolog-like 1
Chips signal
450
400
350
300
250
200
150
100
50
0
RT-PCR
525 bp
Fetal brain
Brain
Adrenal gland
Colon
Heart
Kidney
Liver
Lung
Pancreas
Prostate
Salivary gland
Skeletal muscle
Small intestine
Spleen
Stomach
Testes
Thyroid
Trachea
CPH 54A
CPH 54A Xeno
CPH 54B
CPH 136A Xeno
GLC 2
GLC 3
GLC 3 Xeno
GLC 14
GLC 14 Xeno
GLC 16
GLC 19
GLC 26
GLC 28
DMS 53
DMS 79
DMS 92
DMS 114
DMS 153
DMS 273
DMS 273 Xeno
DMS 406
DMS 456
H69
H69 Xeno
NCI 417
NCI 417 Xeno
MAR H24
MAR H24 Xeno
MAR 86H

Fig. 5

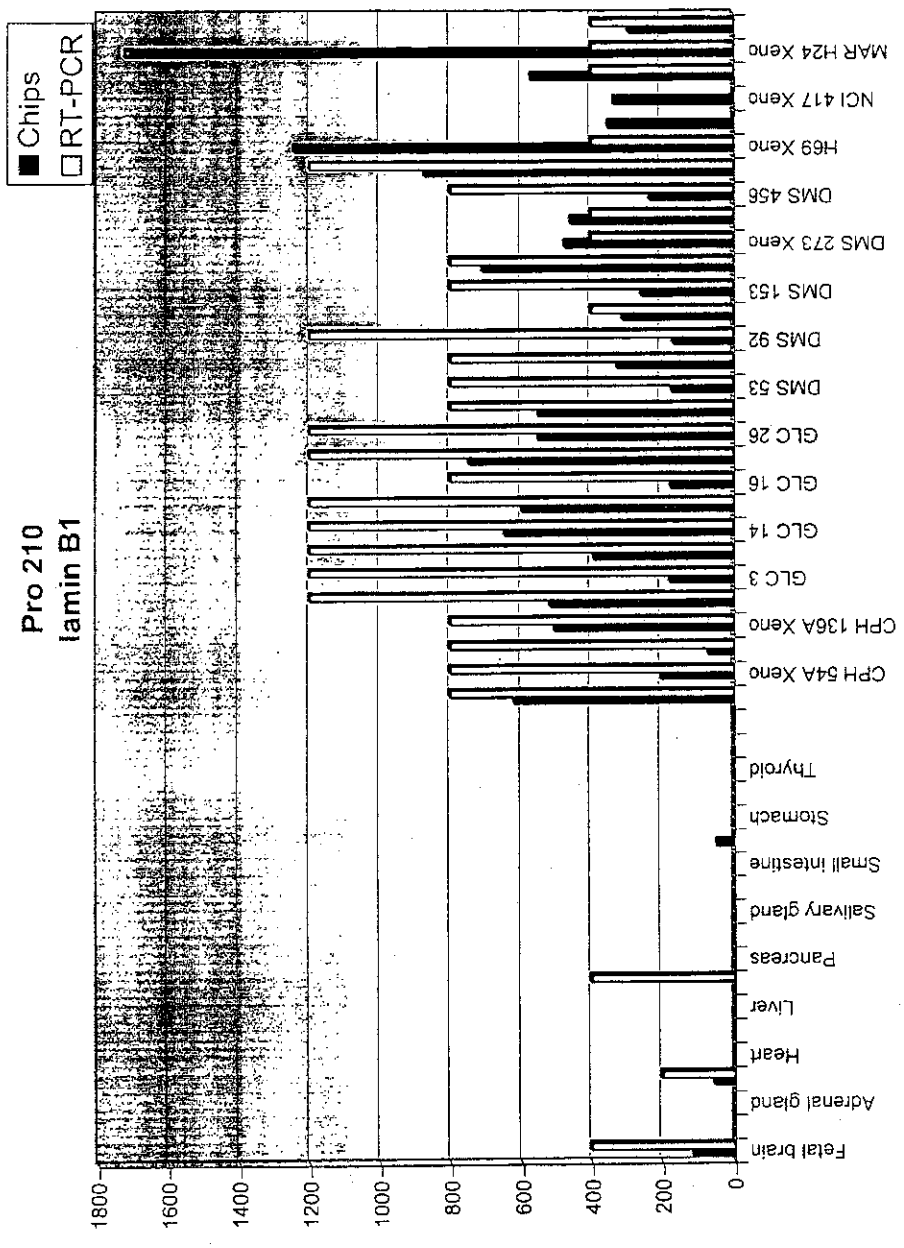
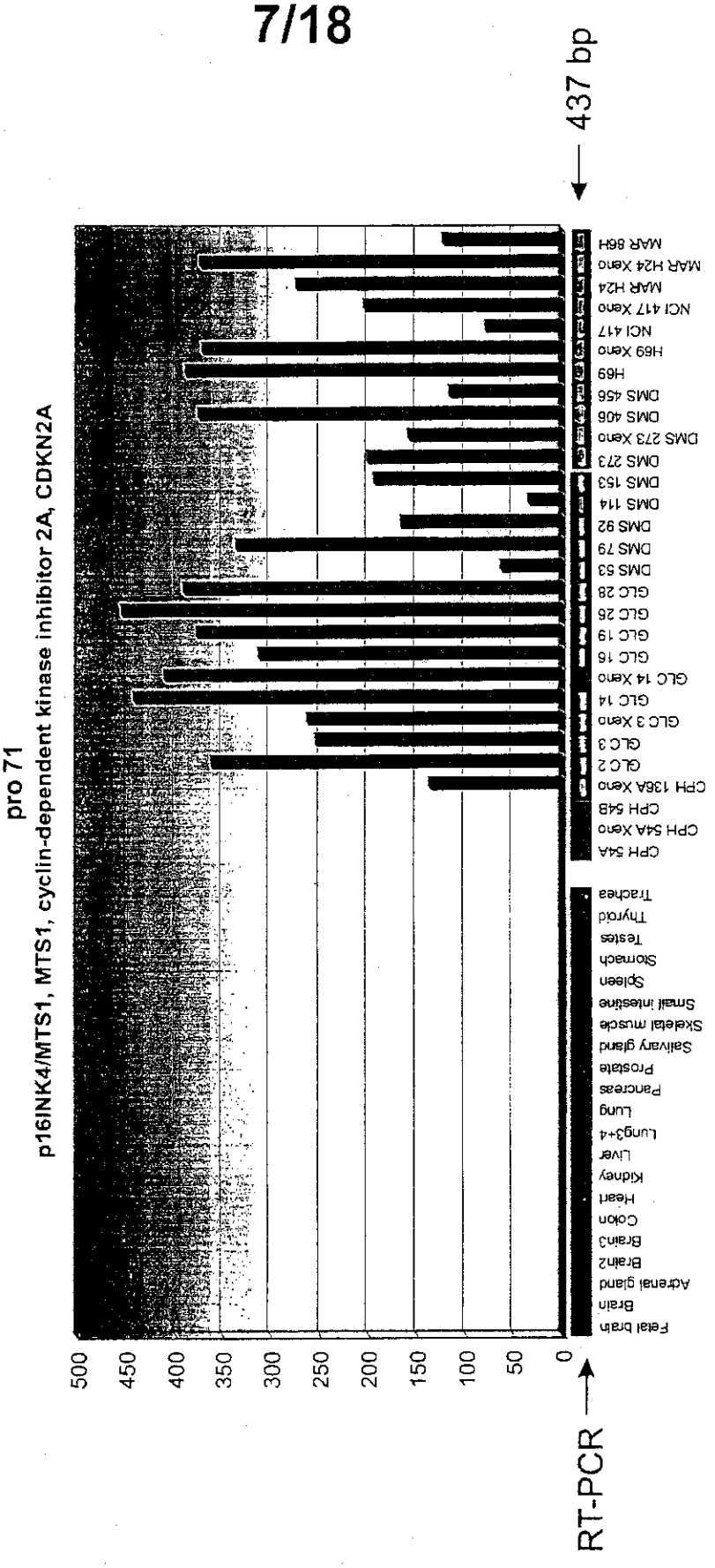

Pro 210
lamin B1
Chips
RT-PCR
0
200
400
600
800
1000
1200
1400
1600
1800
Fetal brain
Adrenal gland
Heart
Liver
Pancreas
Salivary gland
Small intestine
Stomach
Thyroid
CPH 54A Xeno
CPH 136A Xeno
GLC 3
GLC 14
GLC 16
GLC 26
DMS 53
DMS 92
DMS 153
DMS 273 Xeno
DMS 456
H69 Xeno
NCI 417 Xeno
MAR H24 Xeno

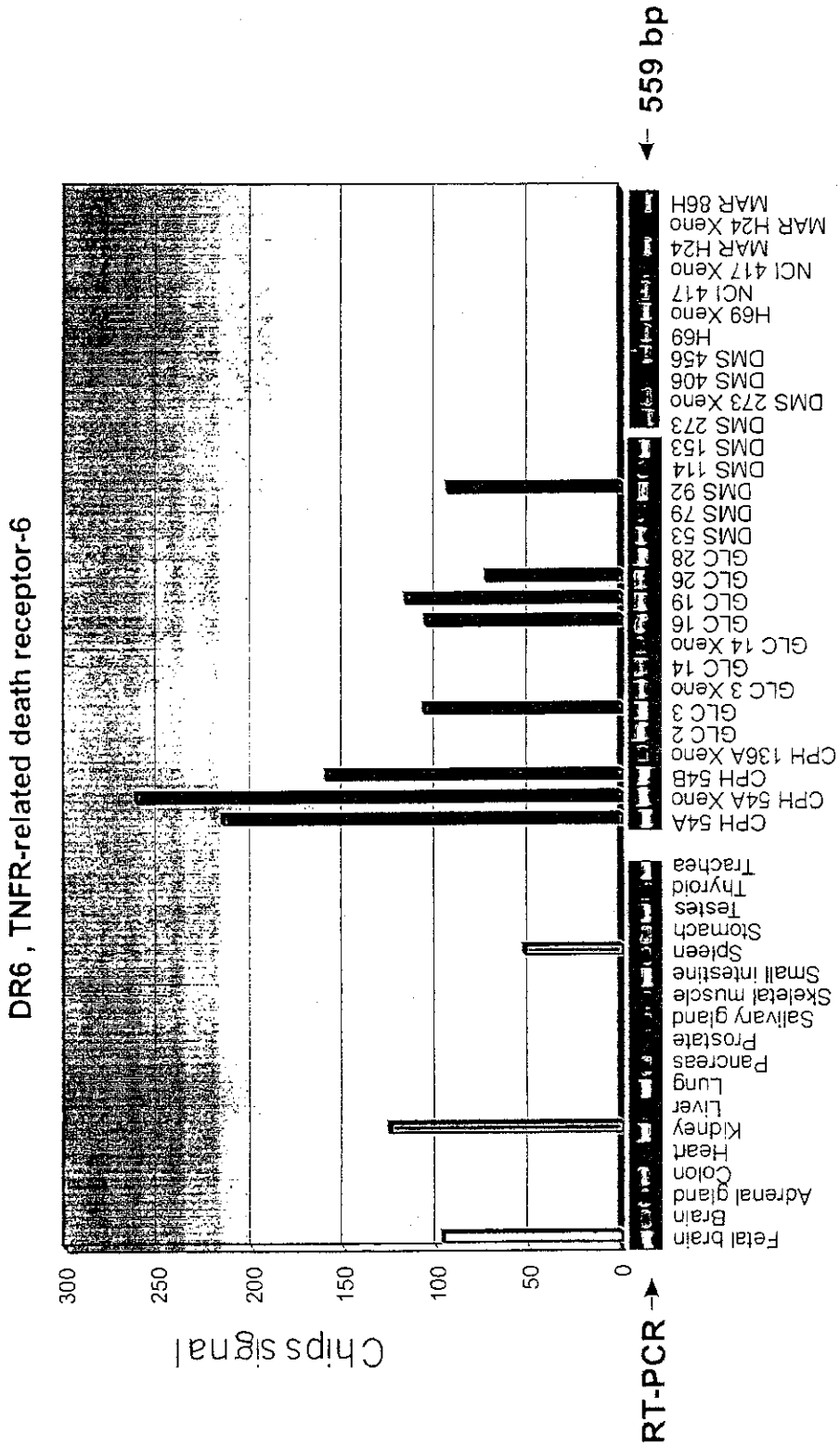
Fig. 6

Fig. 7


p16INK4/MTS1, MTS1, cyclin-dependent kinase inhibitor 2A, CDKN2A
pro 71
437 bp
RT-PCR
0
50
100
150
200
250
300
350
400
450
500
Fetal brain
Brain
Adrenal gland
Brain2
Brain3
Colon
Heart
Kidney
Liver
Lung3+4
Lung
Pancreas
Prostate
Salivary gland
Skeletal muscle
Small intestine
Spleen
Stomach
Testes
Thyroid
Trachea
CPH 54A
CPH 54A Xeno
CPH 54B
CPH 136A Xeno
GLC 2
GLC 3
GLC 3 Xeno
GLC 14
GLC 14 Xeno
GLC 16
GLC 19
GLC 26
GLC 28
DMS 53
DMS 79
DMS 92
DMS 114
DMS 153
DMS 273
DMS 273 Xeno
DMS 406
DMS 456
H69
H69 Xeno
NCI 417
NCI 417 Xeno
MAR H24
MAR H24 Xeno
MAR 86H

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Fig. 8



21 DEC 2005

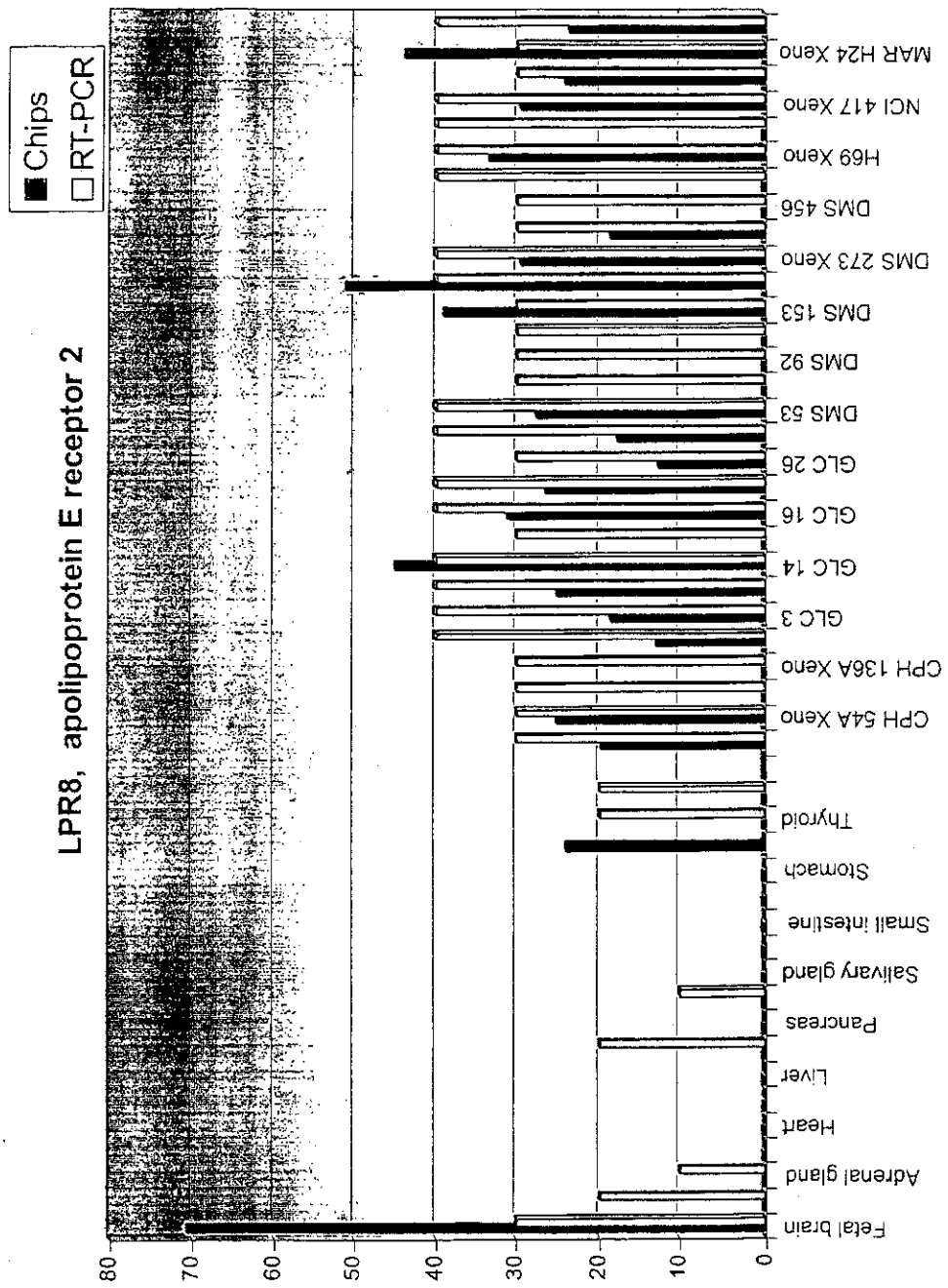


Fig. 9

21 DEC 2005

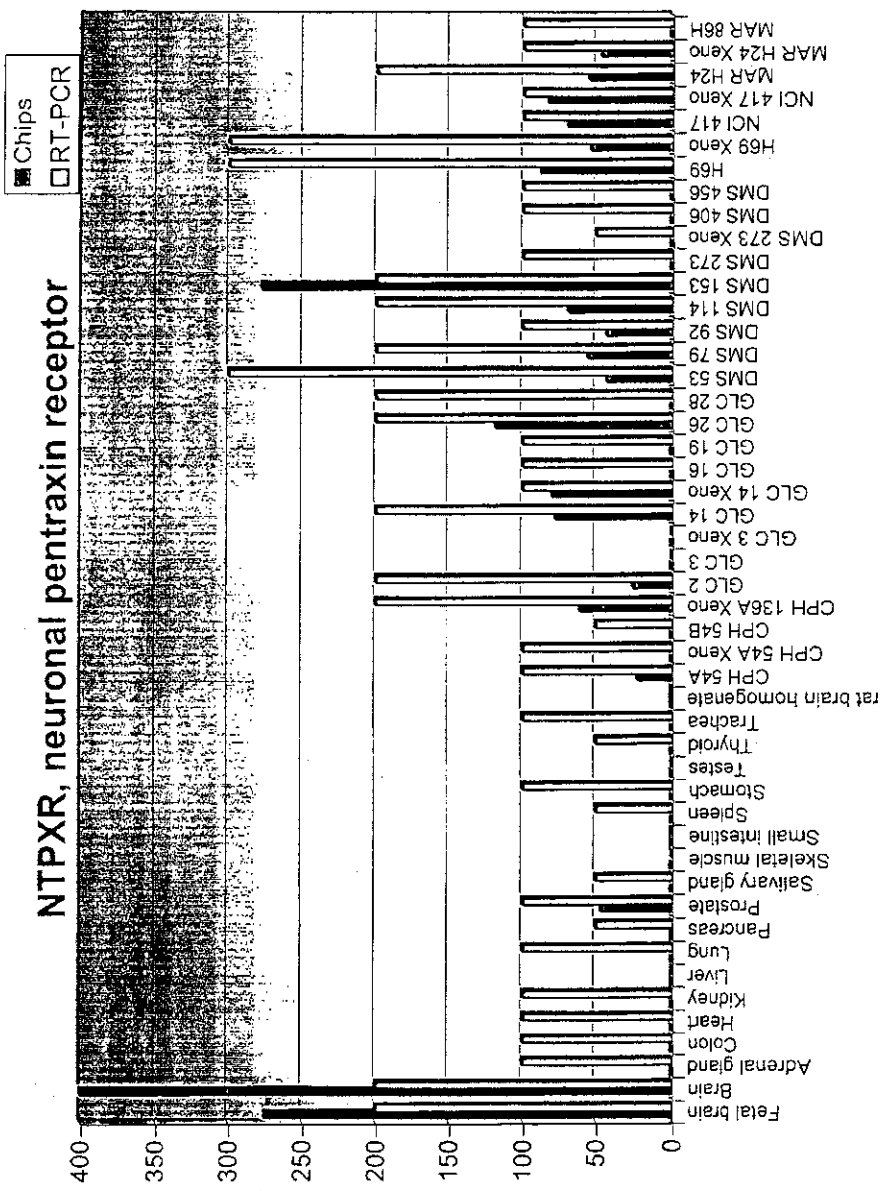
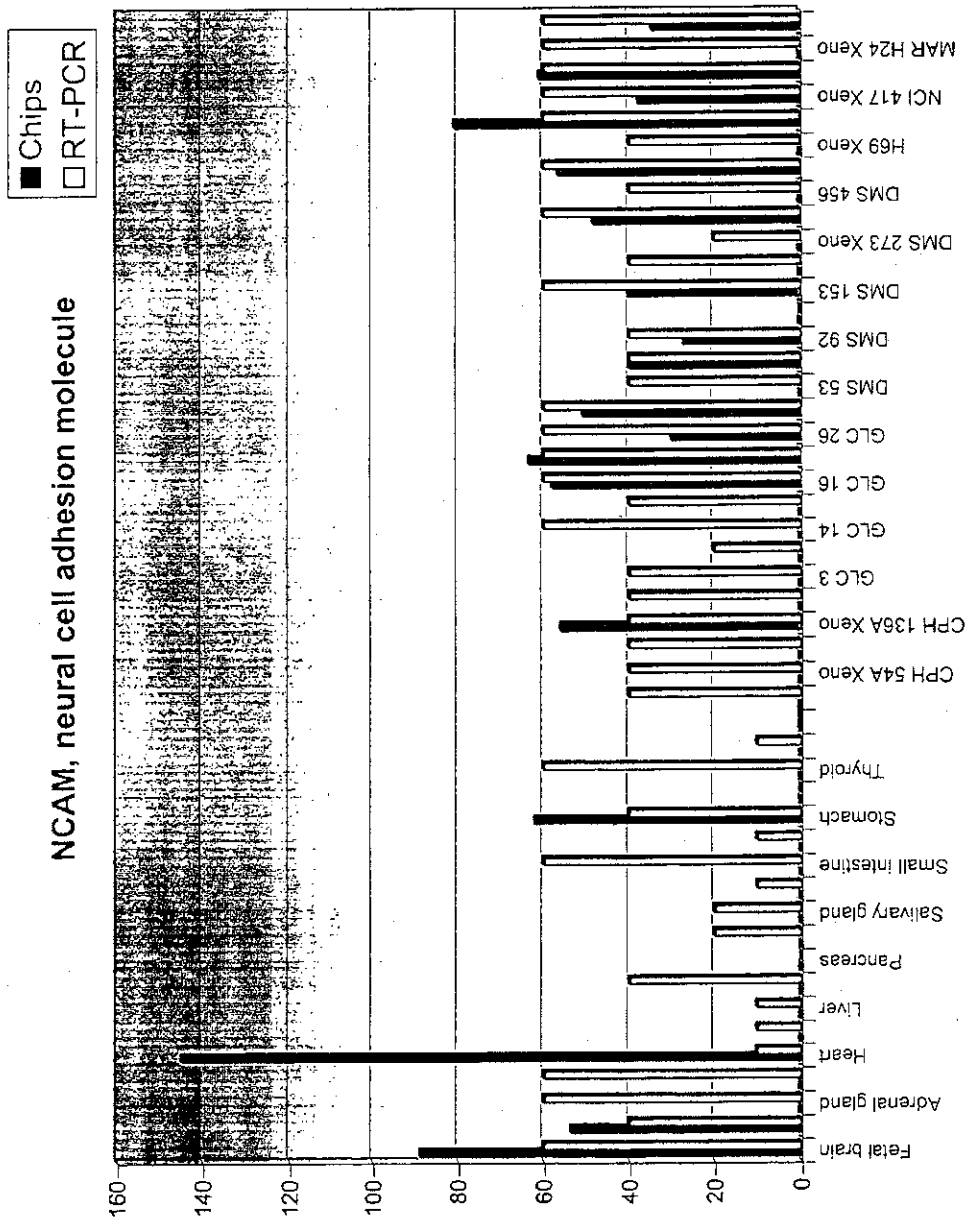


Fig. 10

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Fig. 11



21 DEC 2005

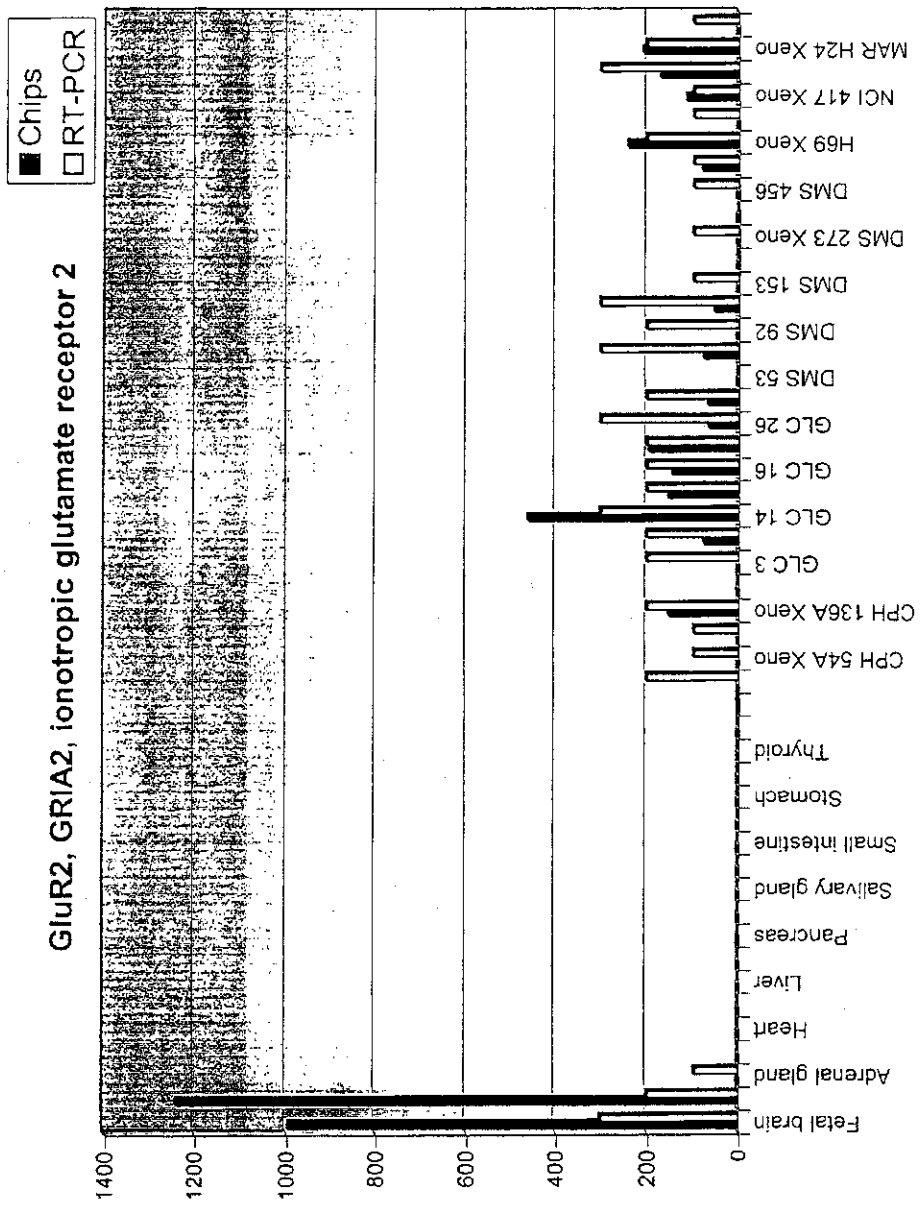


Fig. 12A

21 DEC 2005

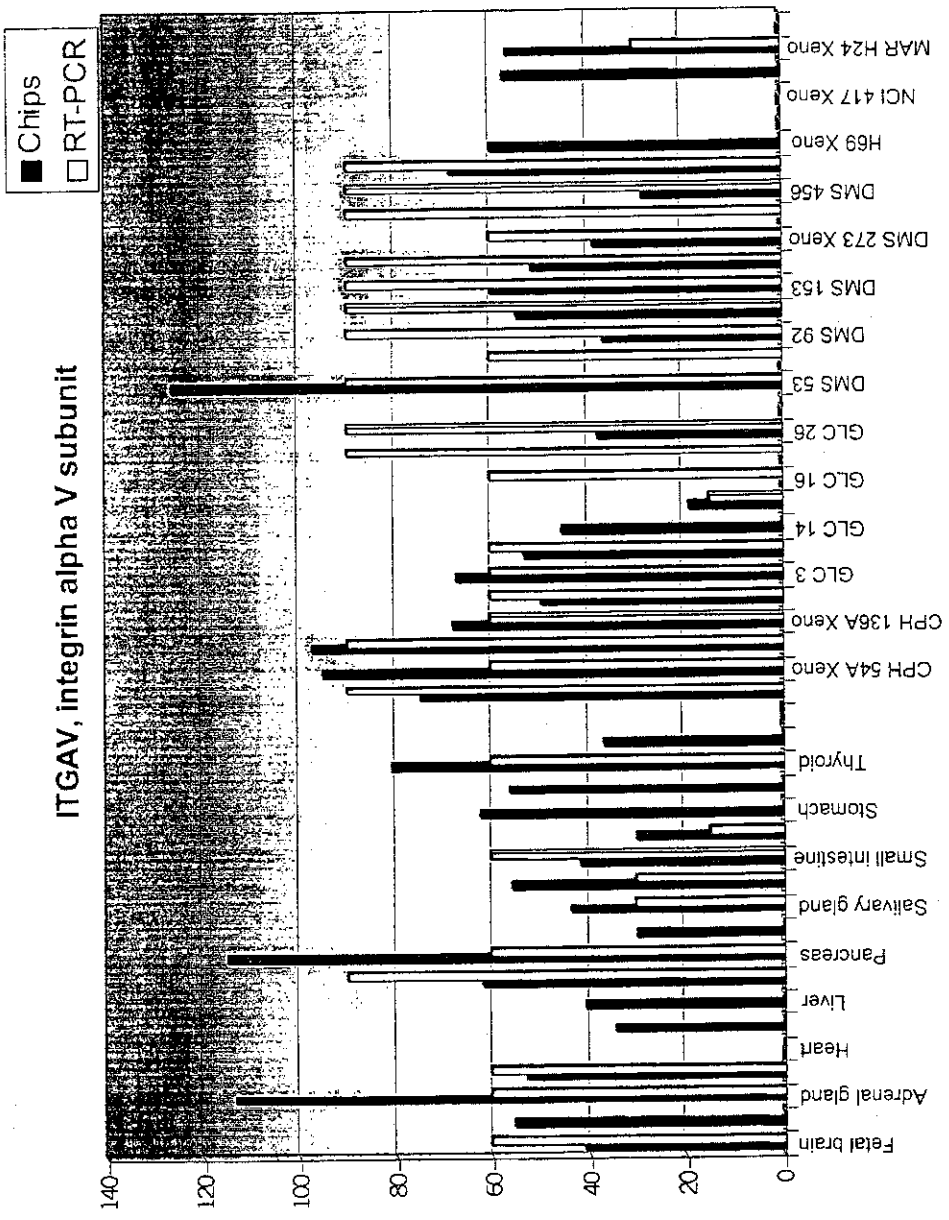


Fig. 12B

21 DEC 2005

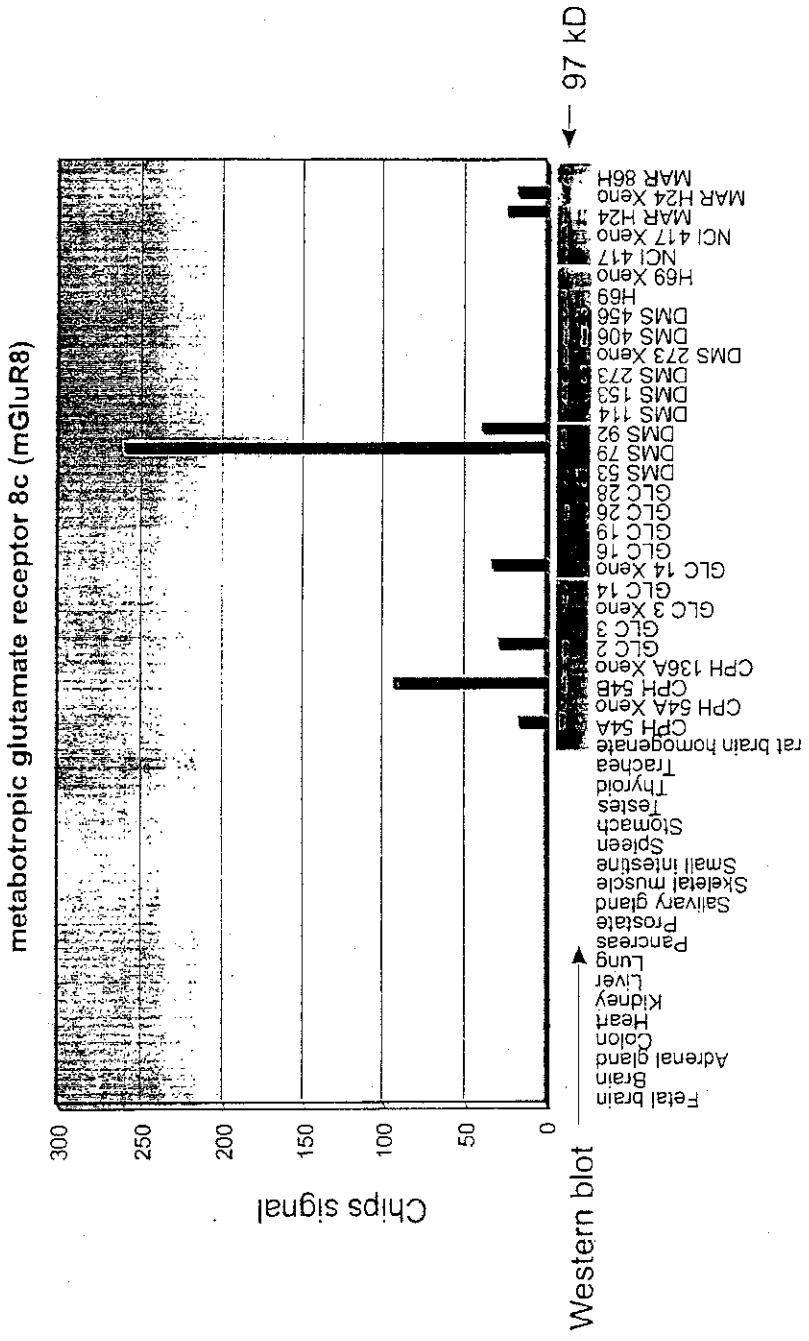


Fig. 13

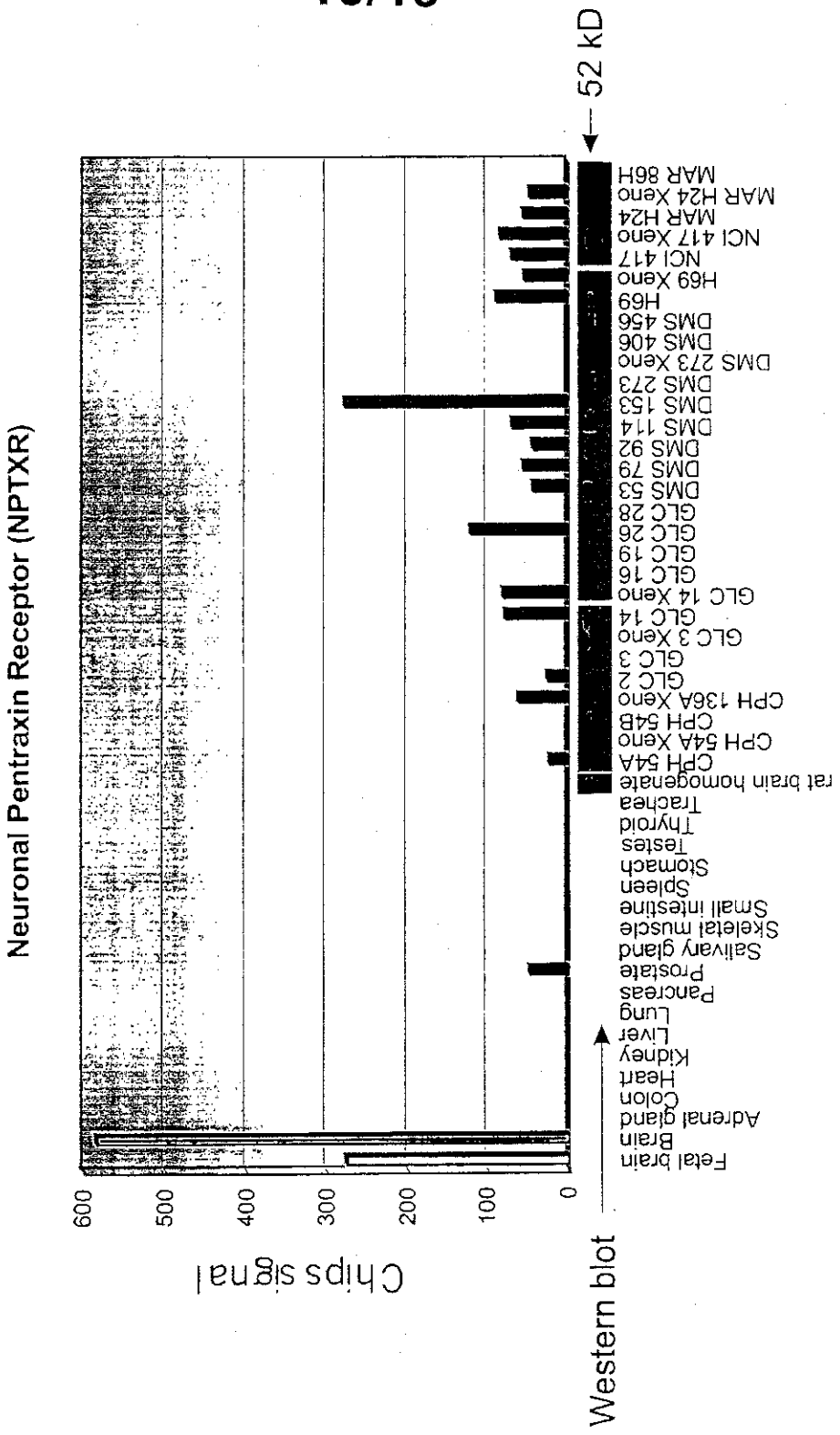

Neuronal Pentraxin Receptor (NPTXR)
Chips signal
600
500
400
300
200
100
0
Western blot
52 kD
Fetal brain
Brain
Adrenal gland
Colon
Heart
Kidney
Liver
Lung
Pancreas
Prostate
Salivary gland
Skeletal muscle
Small intestine
Spleen
Stomach
Testes
Thyroid
Trachea
rat brain homogenate
CPH 54A
CPH 54A Xeno
CPH 54B
CPH 136A Xeno
GLC 2
GLC 3
GLC 3 Xeno
GLC 14
GLC 14 Xeno
GLC 16
GLC 19
GLC 26
GLC 28
DMS 53
DMS 79
DMS 92
DMS 114
DMS 153
DMS 273
DMS 273 Xeno
DMS 406
DMS 456
H69
H69 Xeno
NCI 417
NCI 417 Xeno
MAR H24
MAR H24 Xeno
MAR 86H

Fig. 14

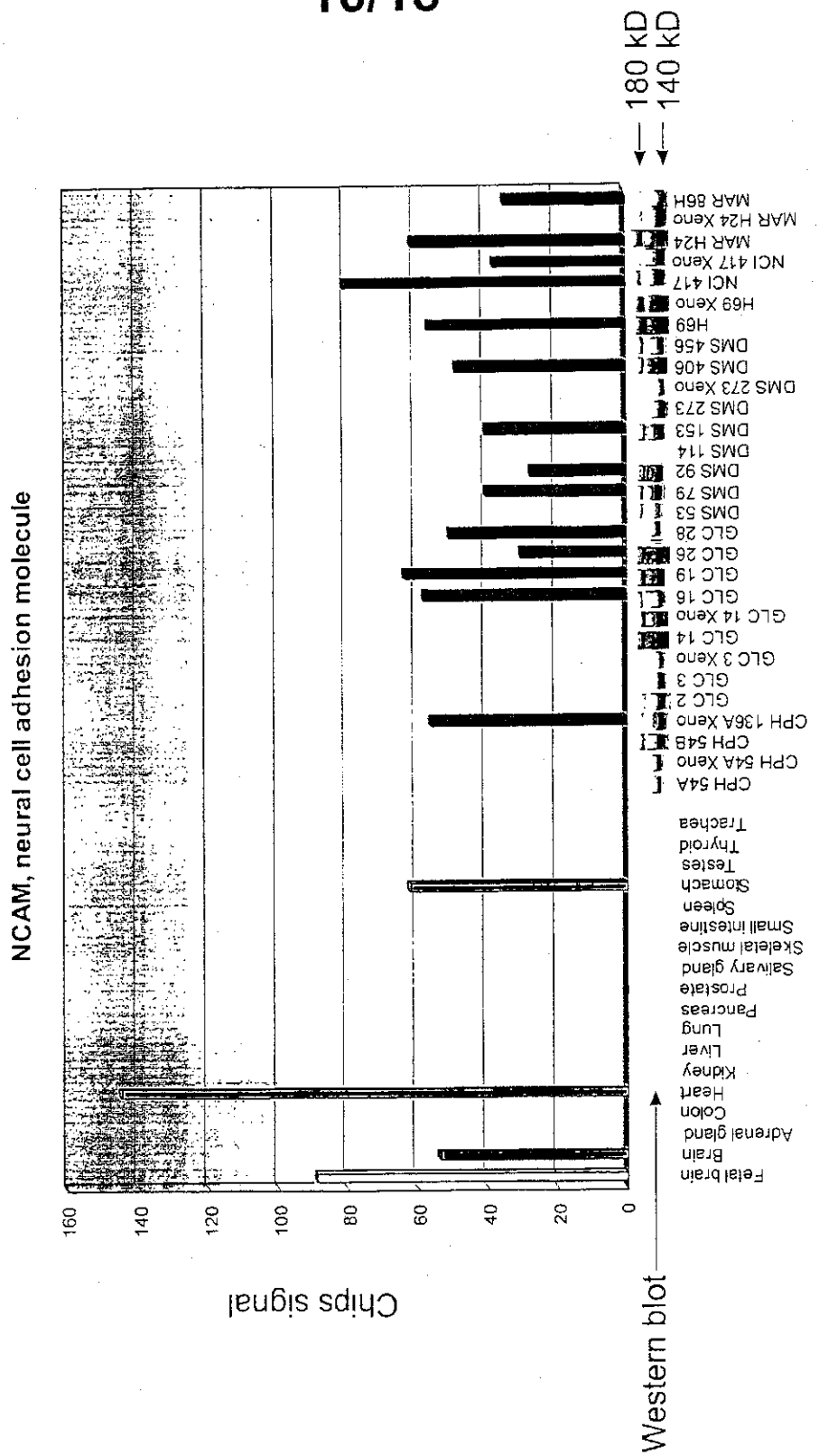

NCAM, neural cell adhesion molecule
180 kD
140 kD
Chips signal
160
140
120
100
80
60
40
20
0
Western blot
Fetal brain
Brain
Adrenal gland
Colon
Heart
Kidney
Liver
Lung
Pancreas
Prostate
Salivary gland
Skeletal muscle
Small intestine
Spleen
Stomach
Testes
Thyroid
Trachea
CPH 54A
CPH 54A Xeno
CPH 54B
CPH 136A Xeno
GLC 2
GLC 3
GLC 3 Xeno
GLC 14
GLC 14 Xeno
GLC 16
GLC 19
GLC 26
GLC 28
DMS 53
DMS 79
DMS 92
DMS 114
DMS 153
DMS 273
DMS 273 Xeno
DMS 406
DMS 456
H69
H69 Xeno
NCI 417
NCI 417 Xeno
MAR H24
MAR H24 Xeno
MAR 86H

Fig. 15

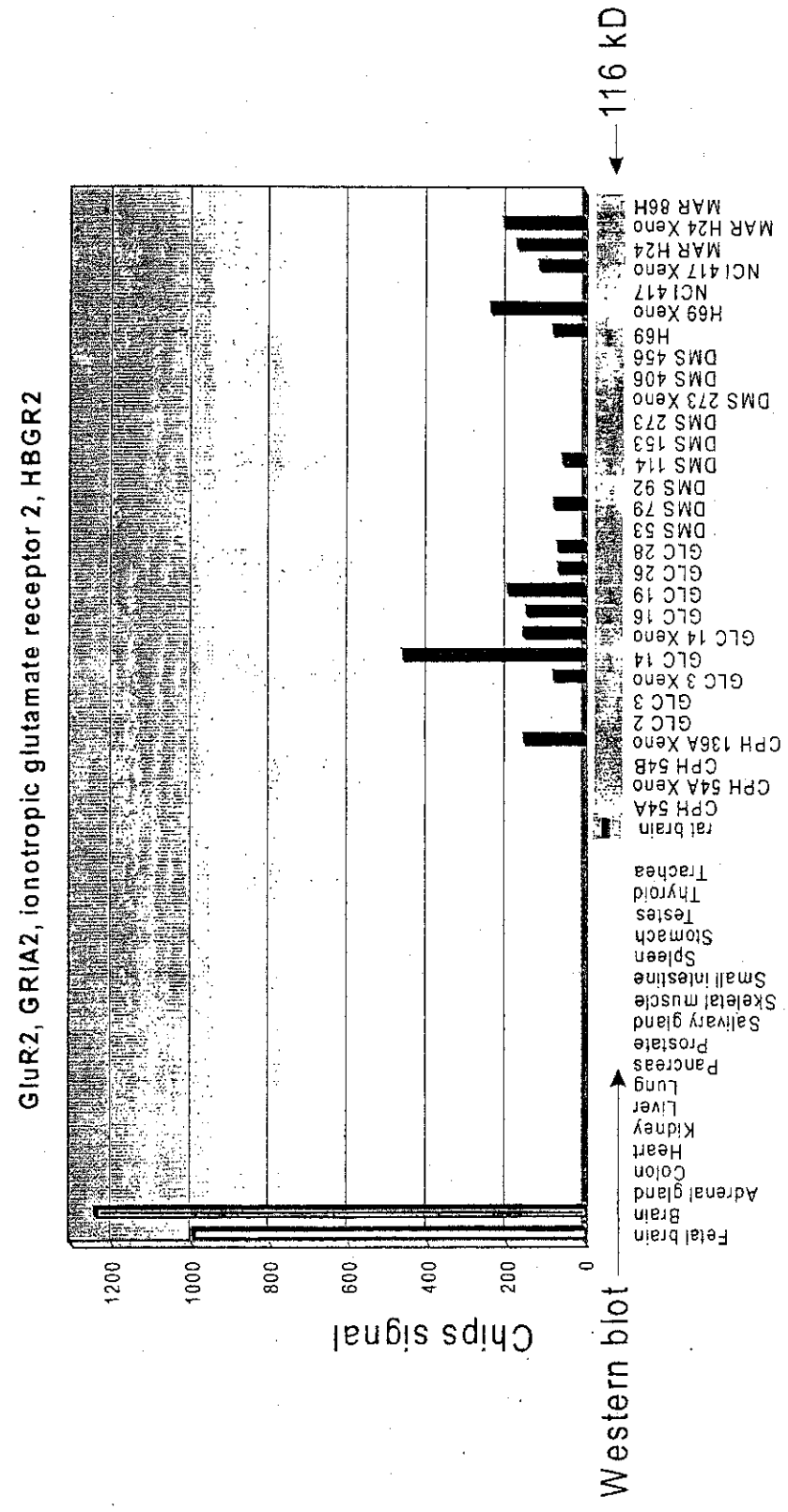

GluR2, GRIA2, ionotropic glutamate receptor 2, HBGR2
Chips signal
0
200
400
600
800
1000
1200
Western blot
116 kD
Fetal brain
Brain
Adrenal gland
Colon
Heart
Kidney
Liver
Lung
Pancreas
Prostate
Salivary gland
Skeletal muscle
Small intestine
Spleen
Stomach
Testes
Thyroid
Trachea
rat brain
CPH 54A
CPH 54A Xeno
CPH 54B
CPH 136A Xeno
GLC 2
GLC 3
GLC 3 Xeno
GLC 14
GLC 14 Xeno
GLC 16
GLC 19
GLC 26
GLC 28
DMS 53
DMS 79
DMS 92
DMS 114
DMS 153
DMS 273
DMS 273 Xeno
DMS 406
DMS 456
H69
H69 Xeno
NCI 417
NCI 417 Xeno
MAR H24
MAR H24 Xeno
MAR 86H

Fig. 16

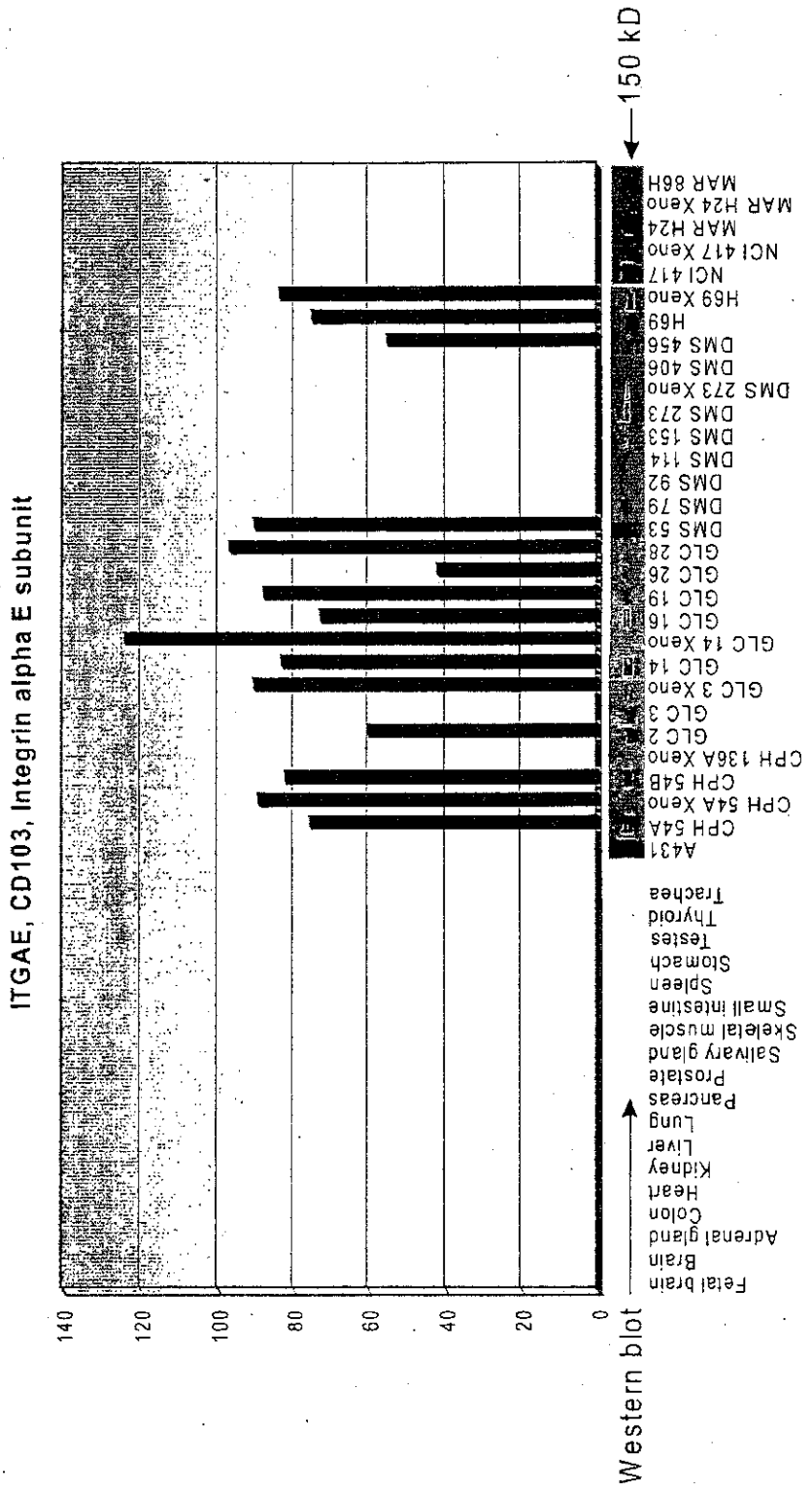

ITGAE, CD103, Integrin alpha E subunit
150 kD
Western blot
Fetal brain
Brain
Adrenal gland
Colon
Heart
Kidney
Liver
Lung
Pancreas
Prostate
Salivary gland
Skeletal muscle
Small intestine
Spleen
Stomach
Testes
Thyroid
Trachea
A431
CPH 54A
CPH 54A Xeno
CPH 54B
CPH 136A Xeno
GLC 2
GLC 3
GLC 3 Xeno
GLC 14
GLC 14 Xeno
GLC 16
GLC 19
GLC 26
GLC 28
DMS 53
DMS 79
DMS 92
DMS 114
DMS 153
DMS 273
DMS 273 Xeno
DMS 406
DMS 456
H69
H69 Xeno
NCI 417
NCI 417 Xeno
MAR H24
MAR H24 Xeno
MAR 86H
140
120
100
80
60
40
20
0

Fig. 17