

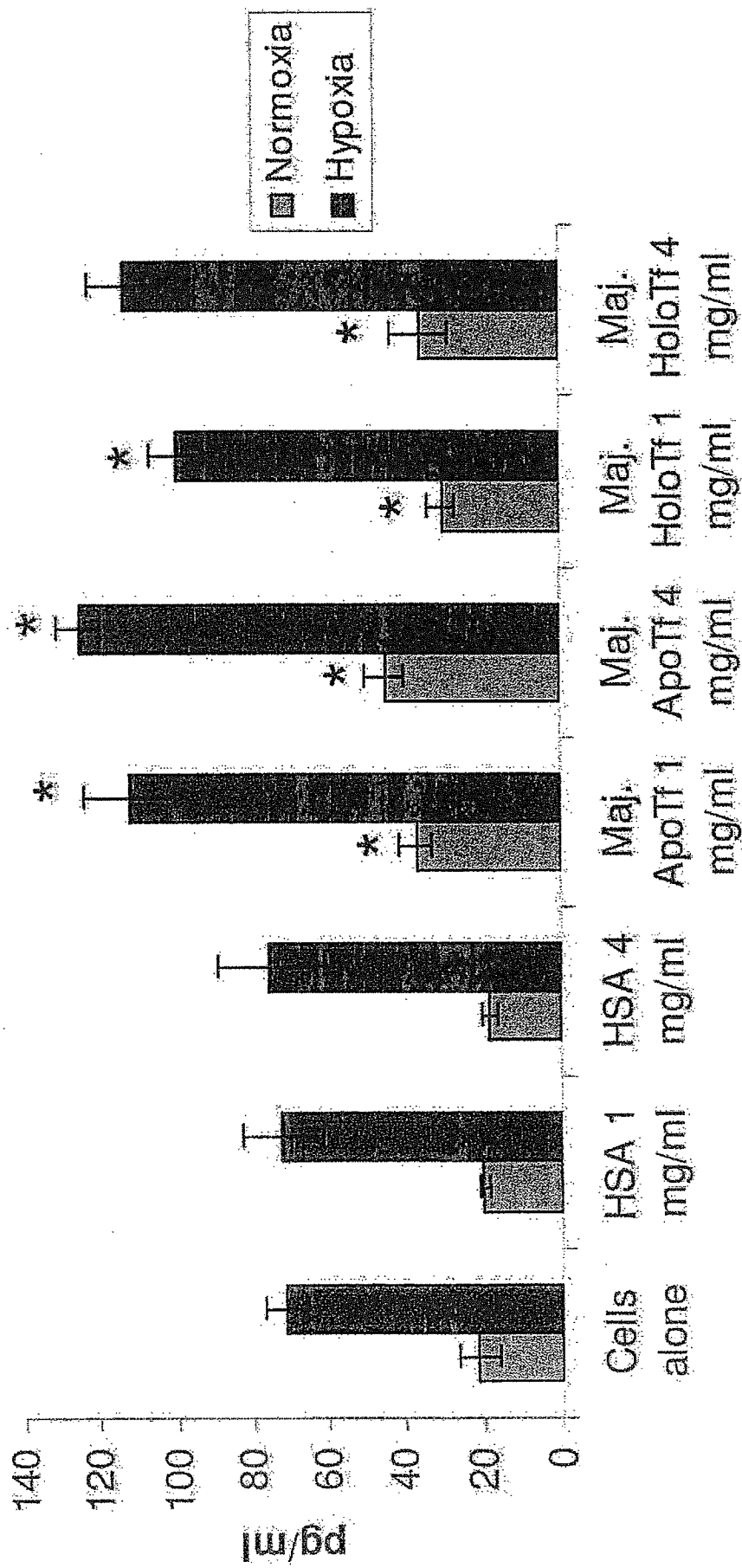


FIGURE 1

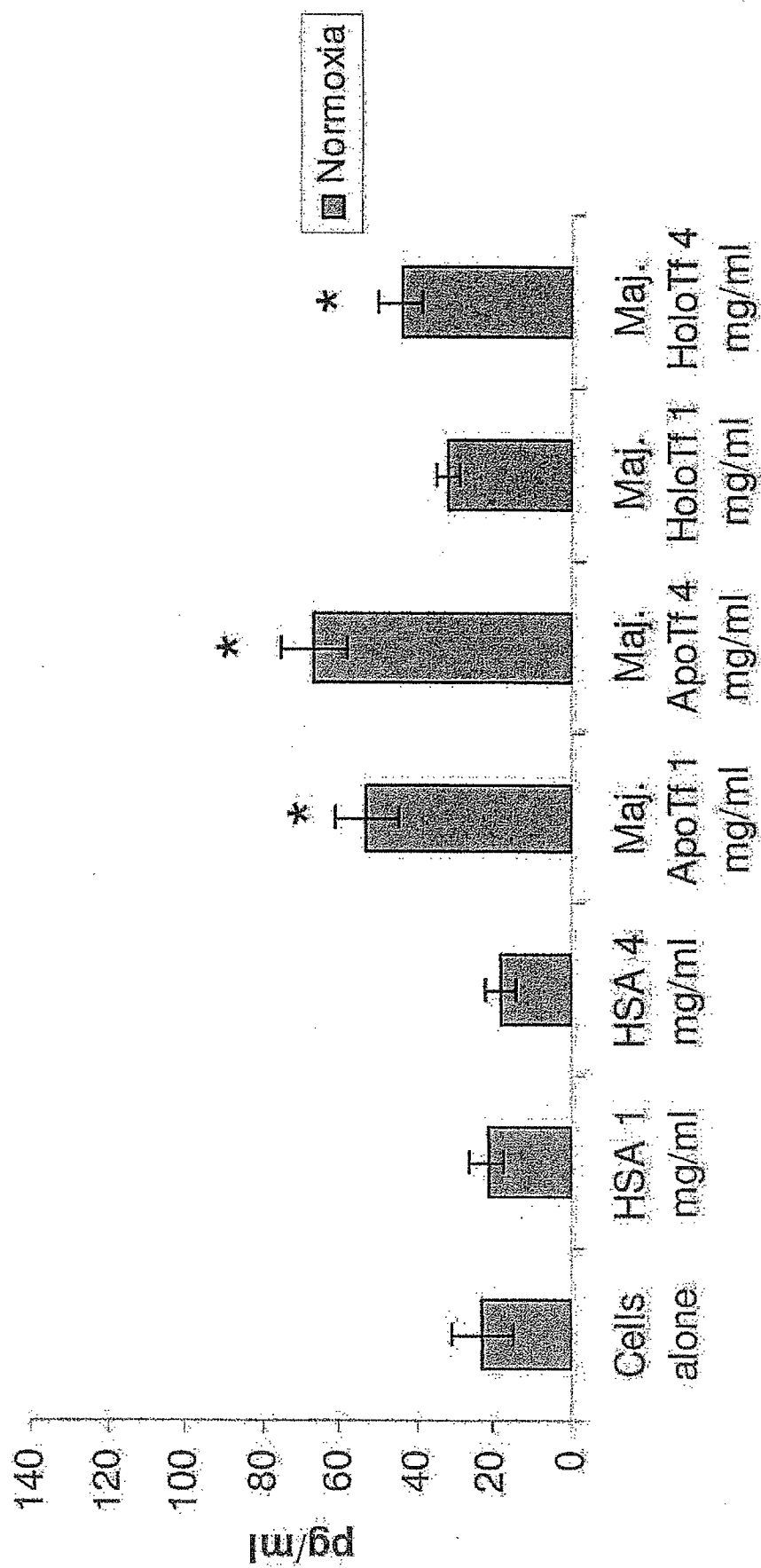
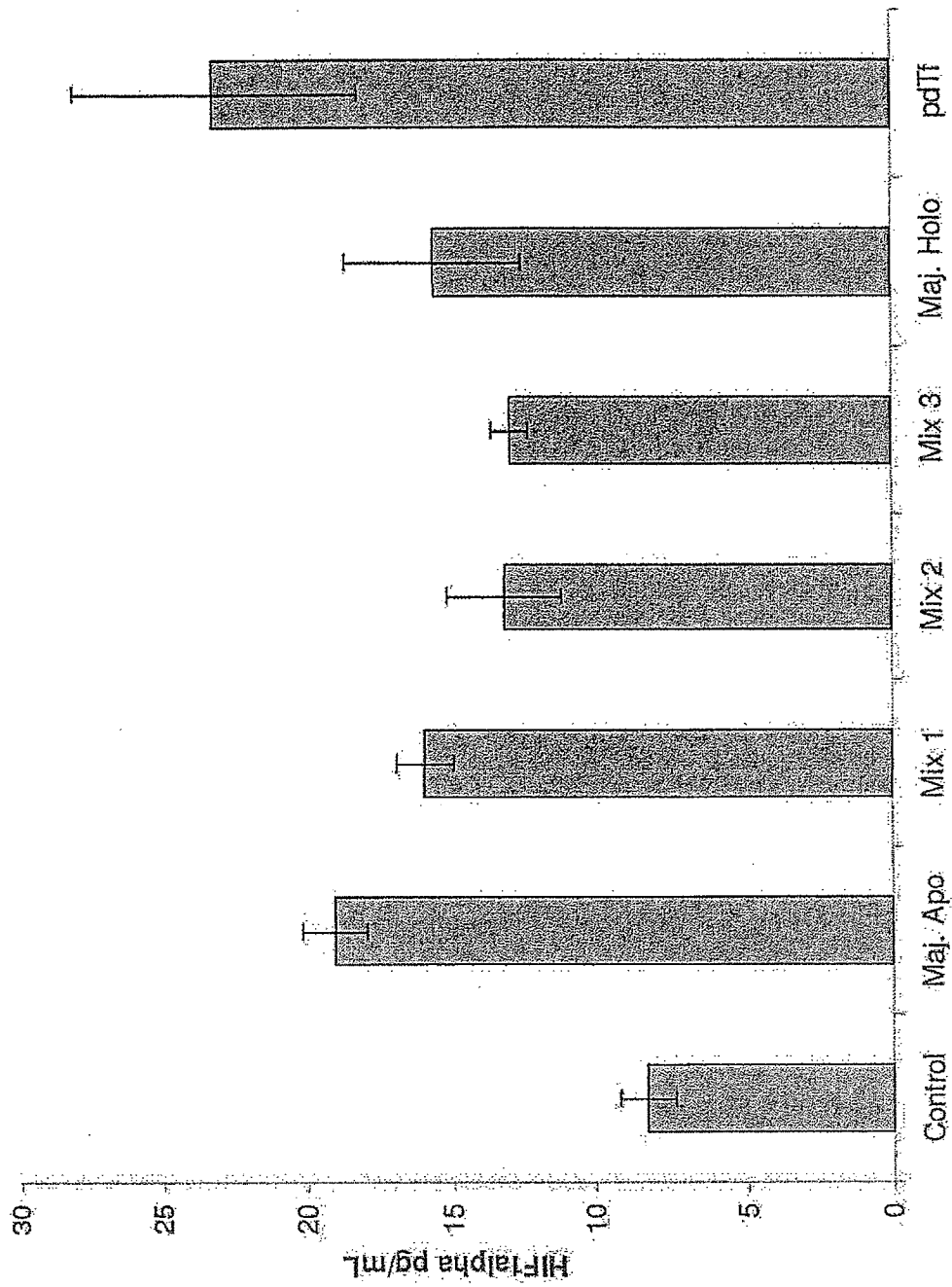
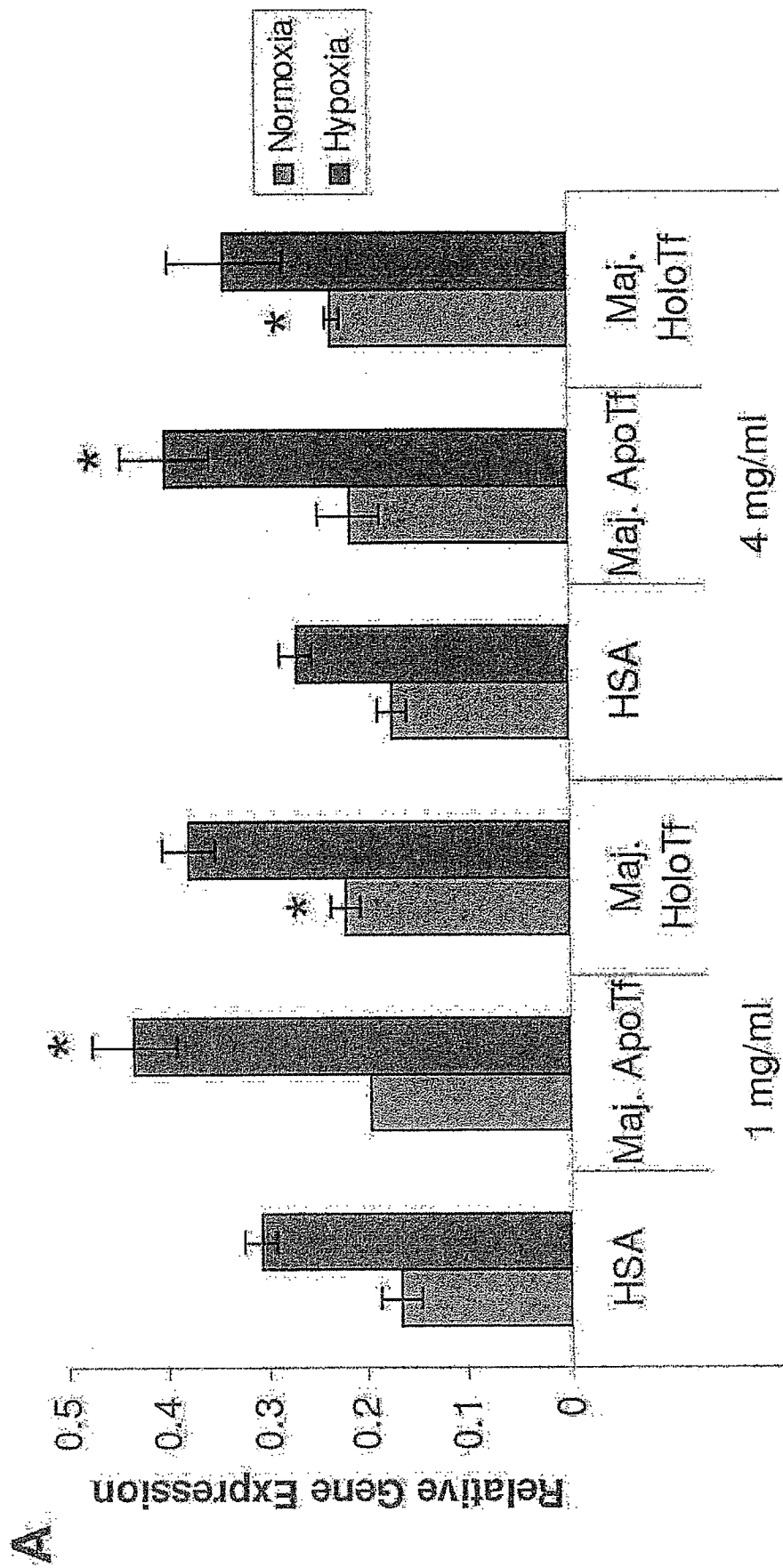
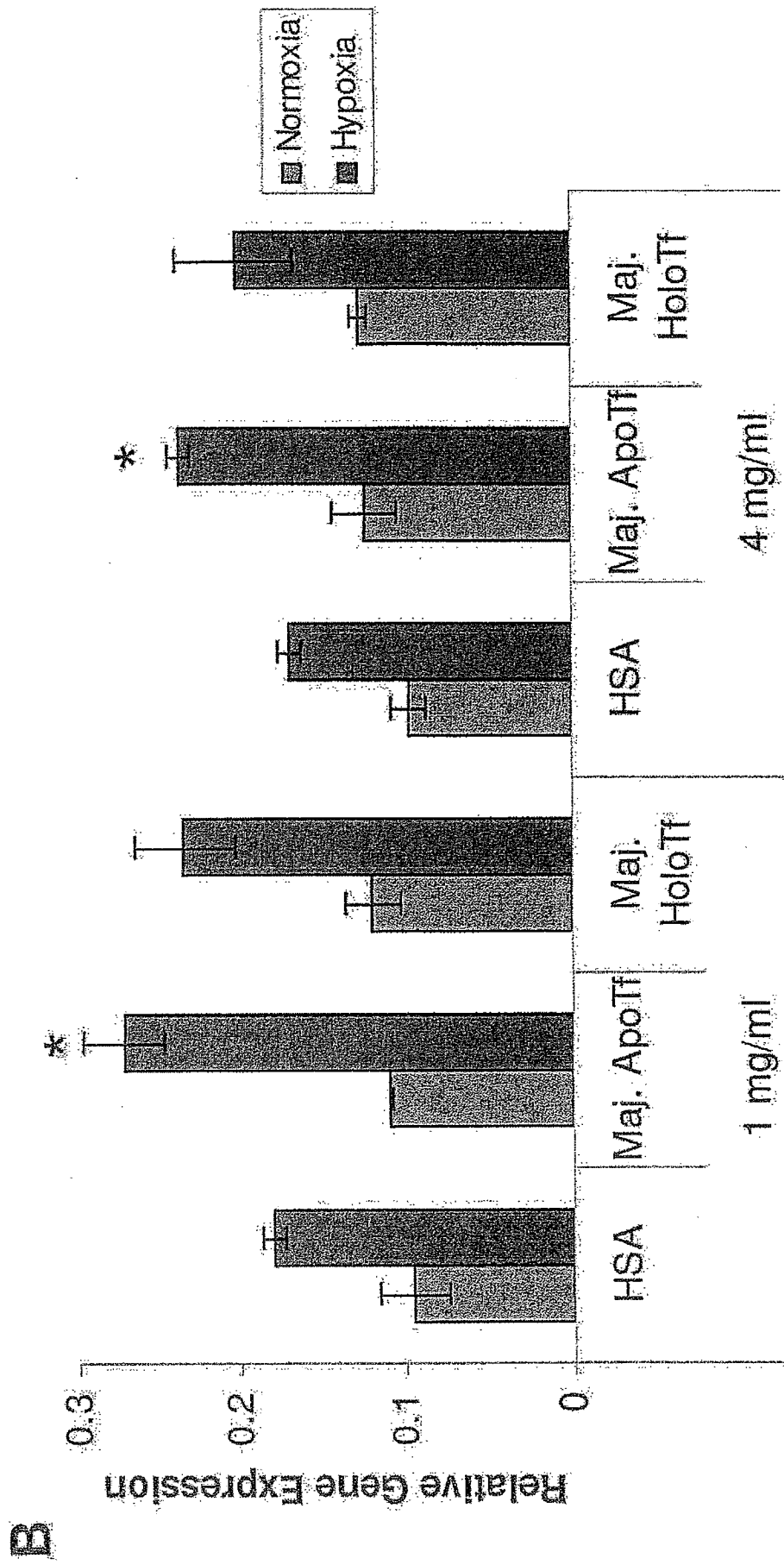
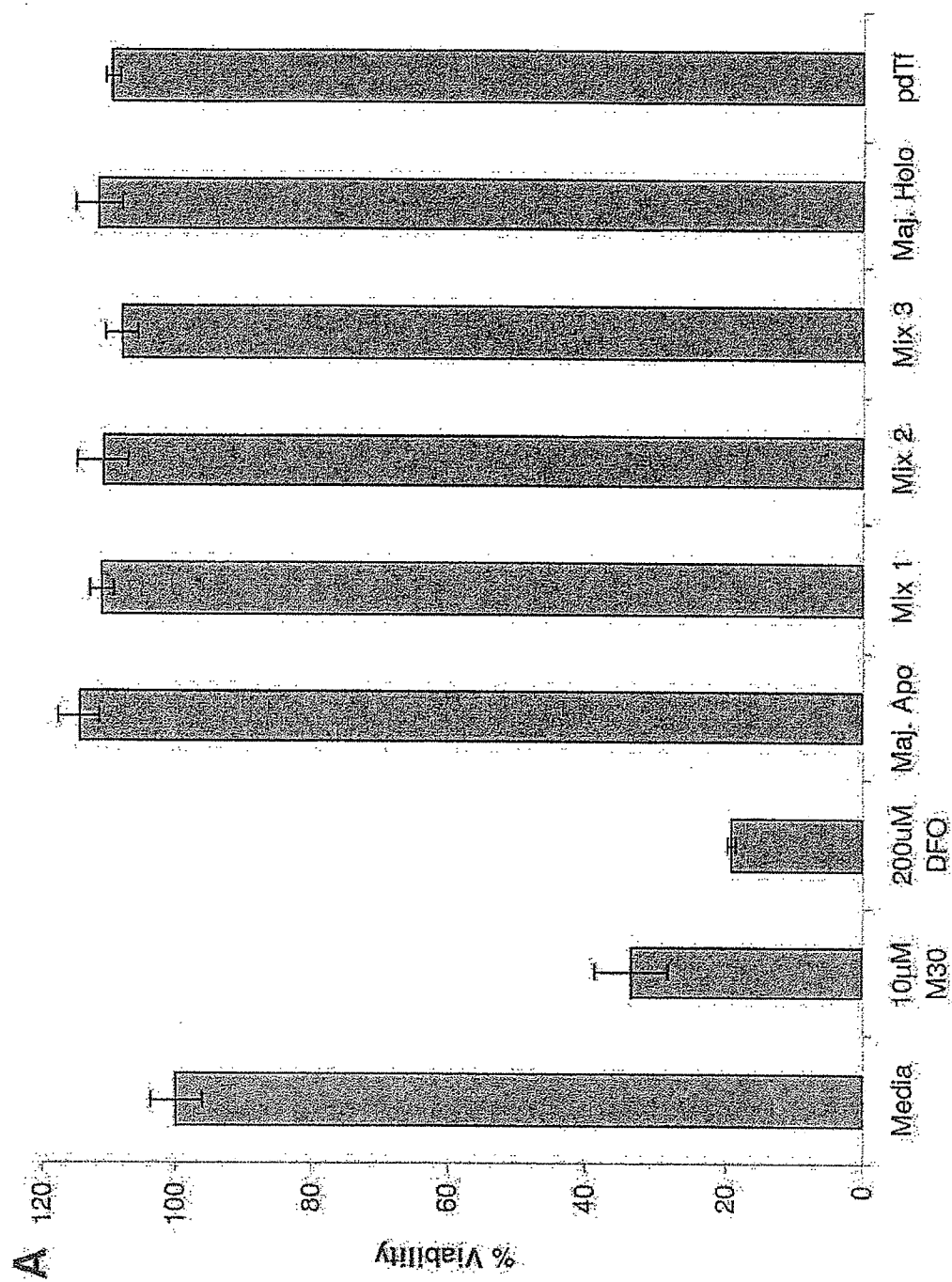


FIGURE 2

**FIGURE 3**

**FIGURE 4A**

**FIGURE 4B**

**FIGURE 5A**

B

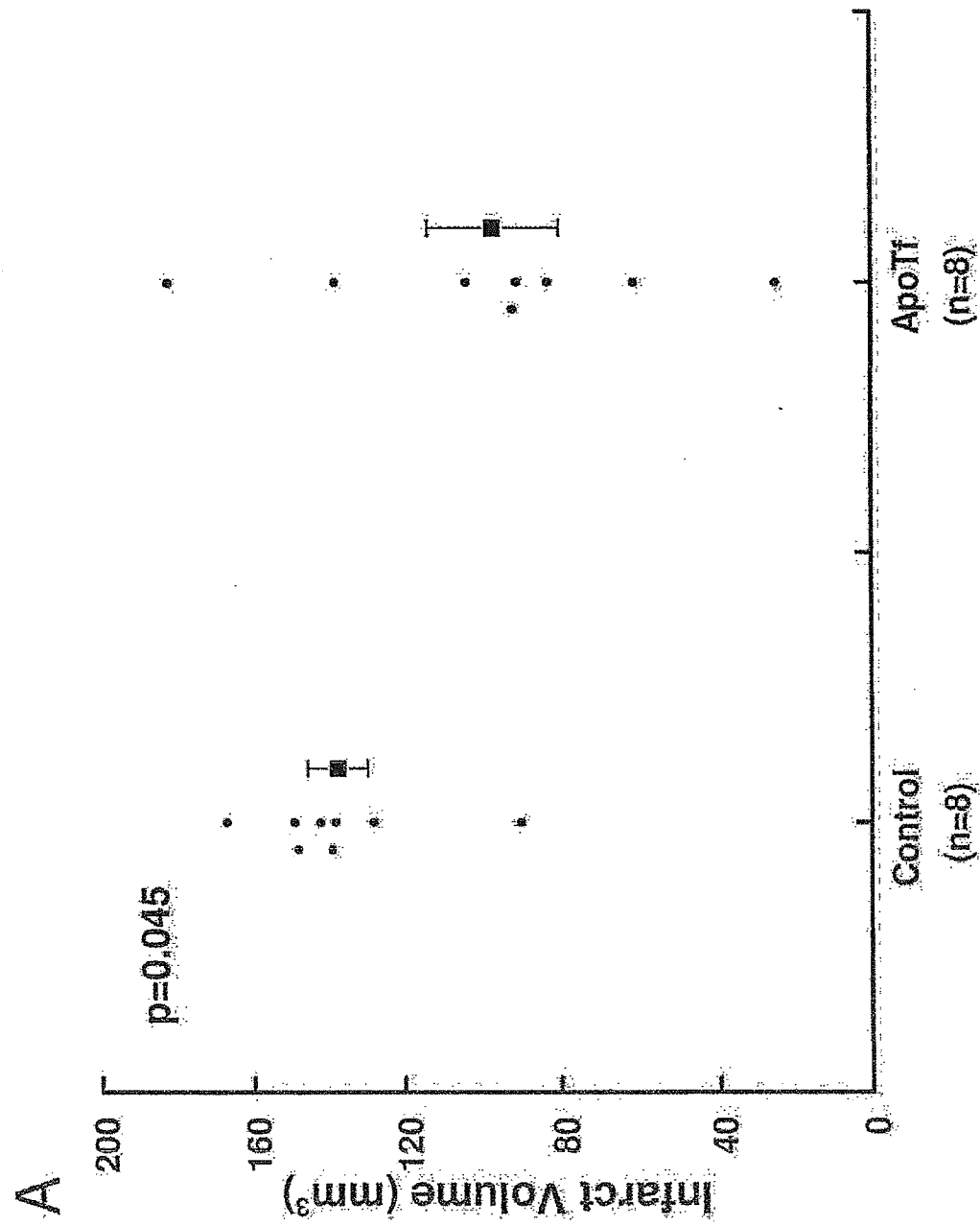
Modified Bederson Score

	Saline _{Apo}	ApoTf	Saline _{Holo}	HoloTf
Median	2.0	2.0	2.0	2.0
5 percentile	1.3	1.3	2.0	2.0
95 percentile	2.0	2.0	2.85	2.0

General Behavioral Score

	Saline _{Apo}	ApoTf	Saline _{Holo}	HoloTf
Median	1.0	2.0	2.0	1.0
5 percentile	1.0	1.0	1.0	1.0
95 percentile	3.25	2.7	3.5	2.0

FIGURE 5B

**FIGURE 6A**

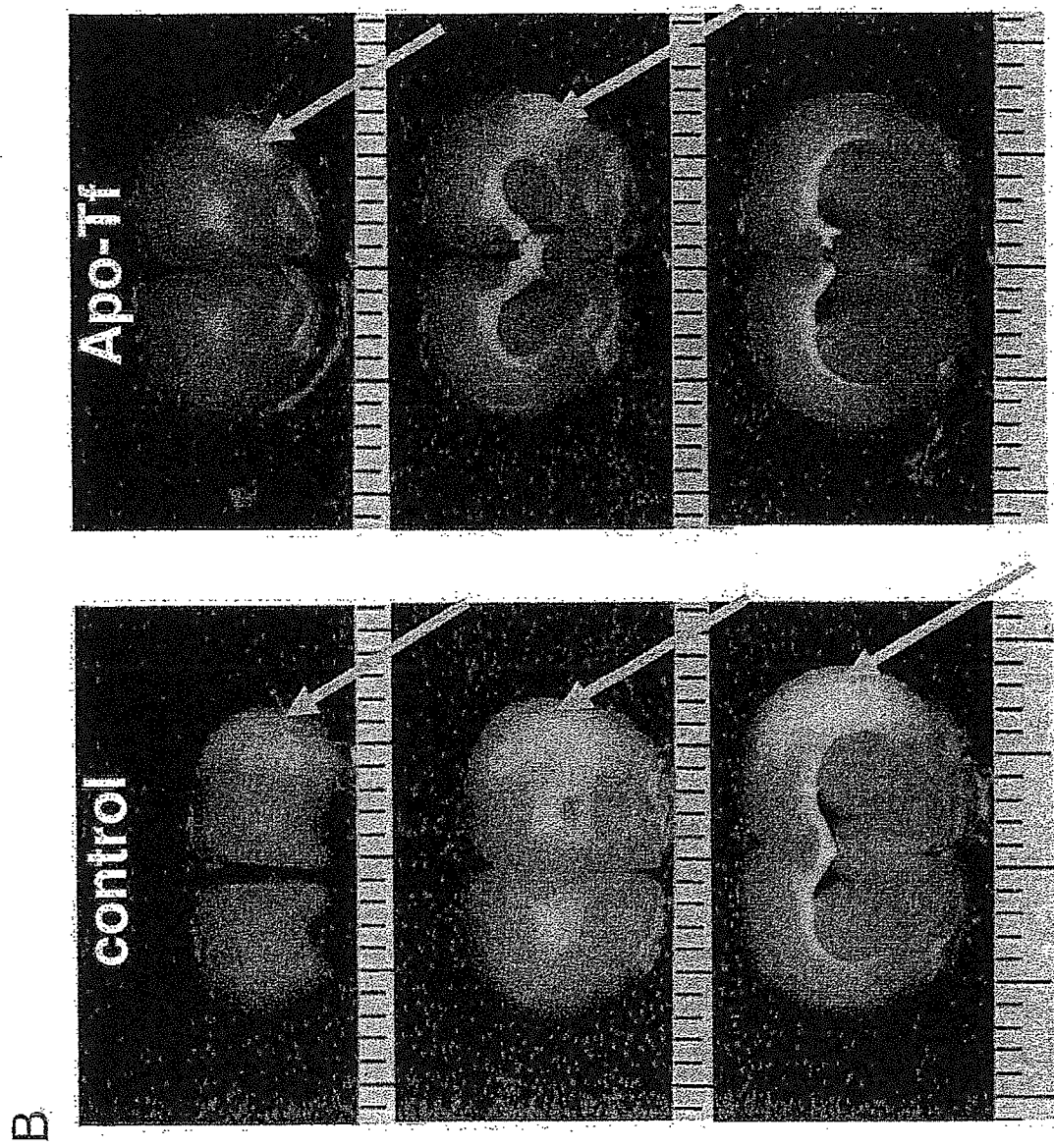
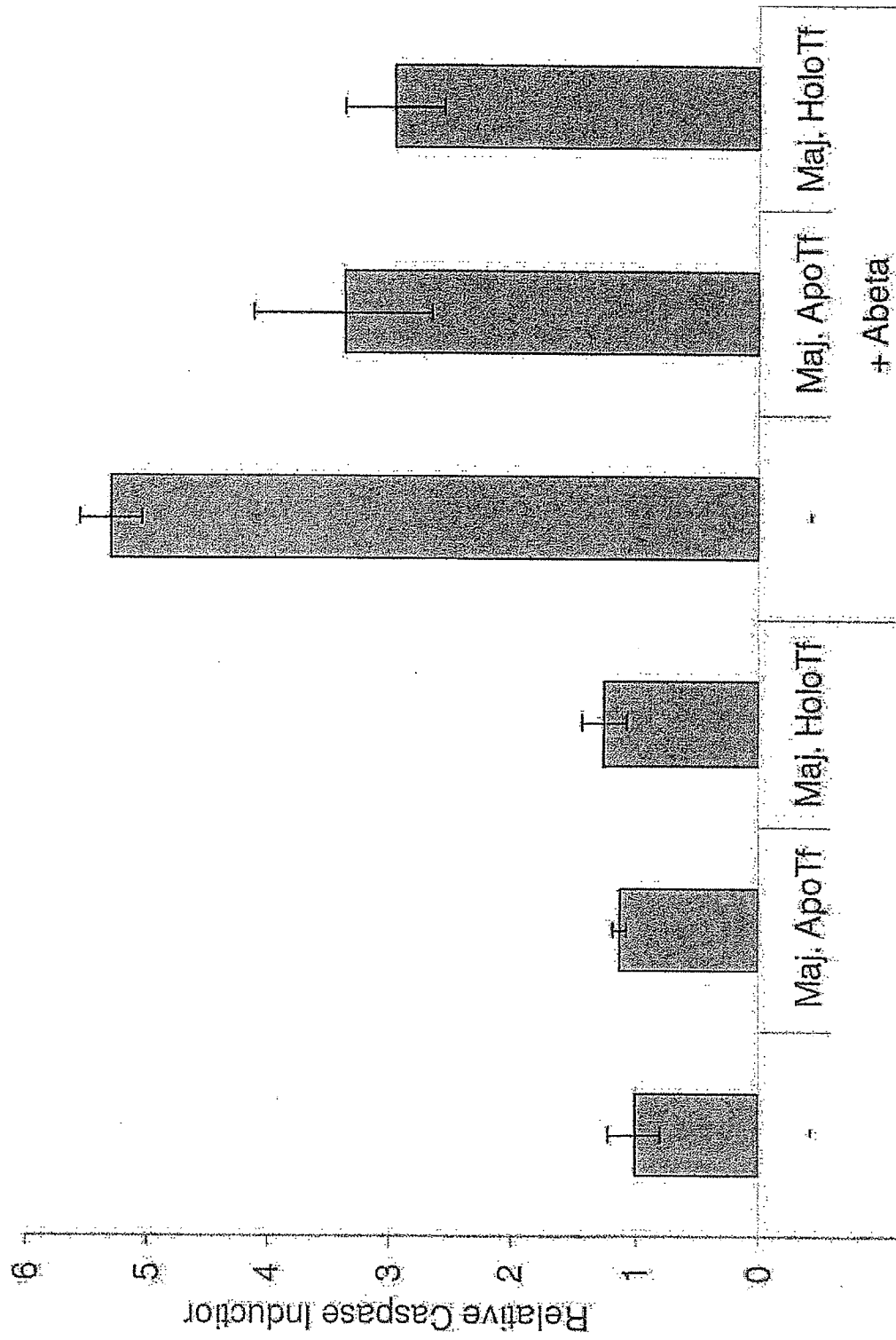


FIGURE 6B

**FIGURE 7**

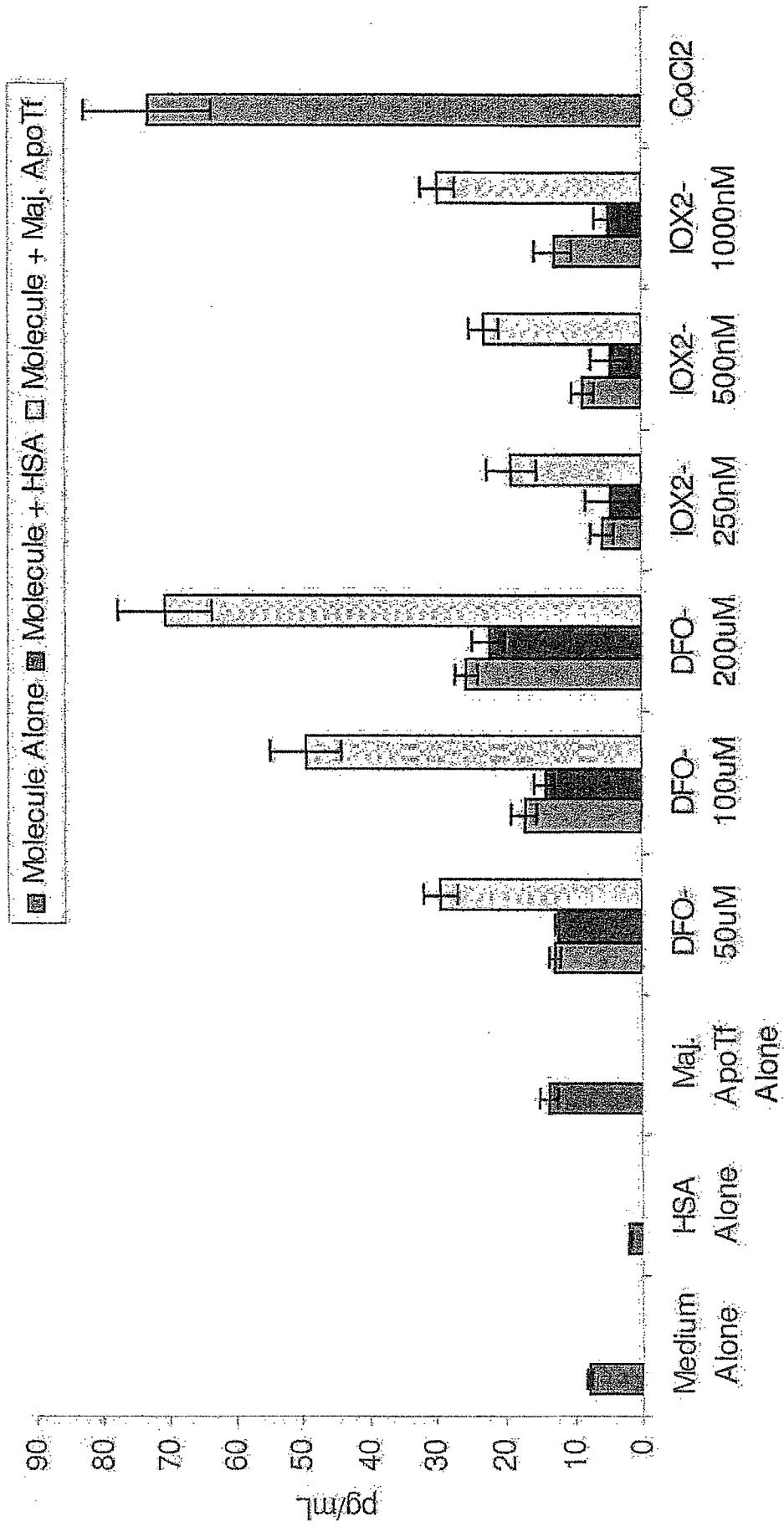


FIGURE 8A

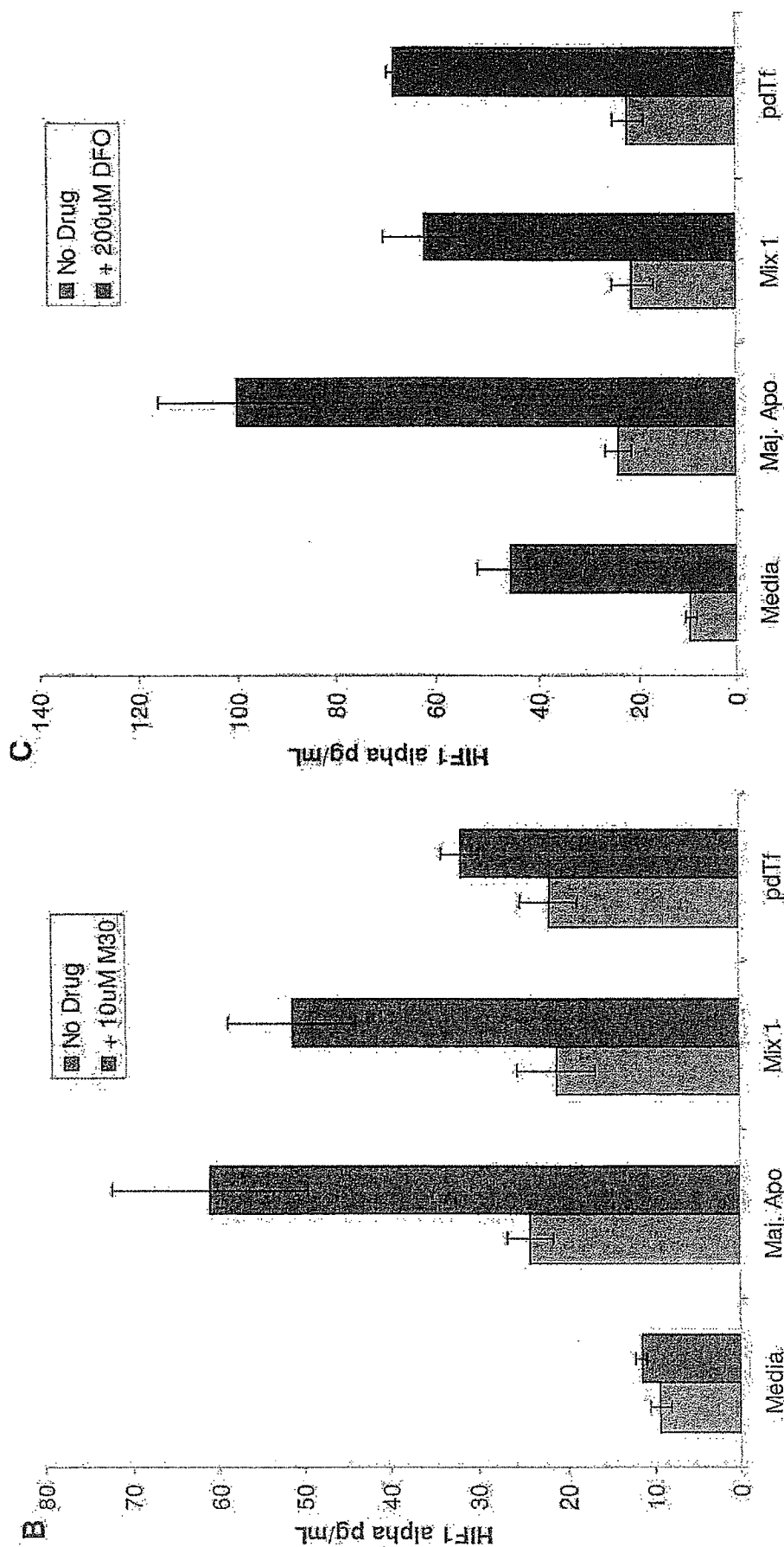


FIGURE 8C

FIGURE 8B

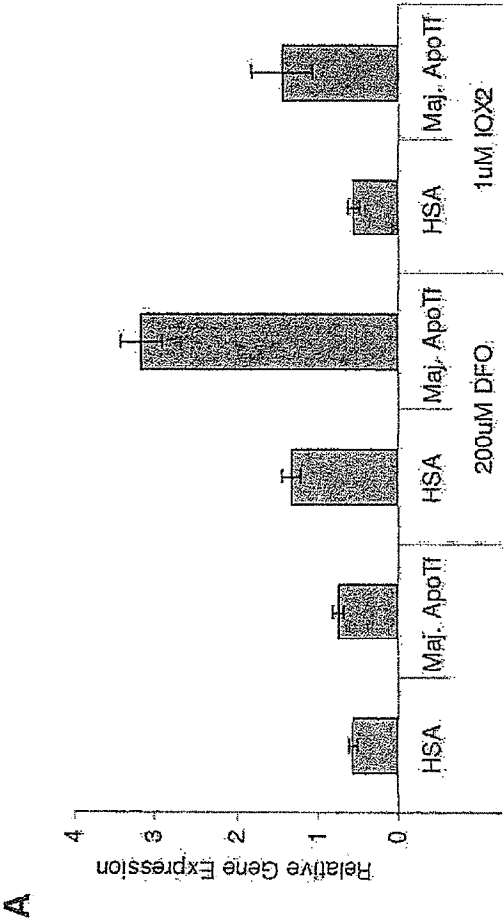


FIGURE 9A

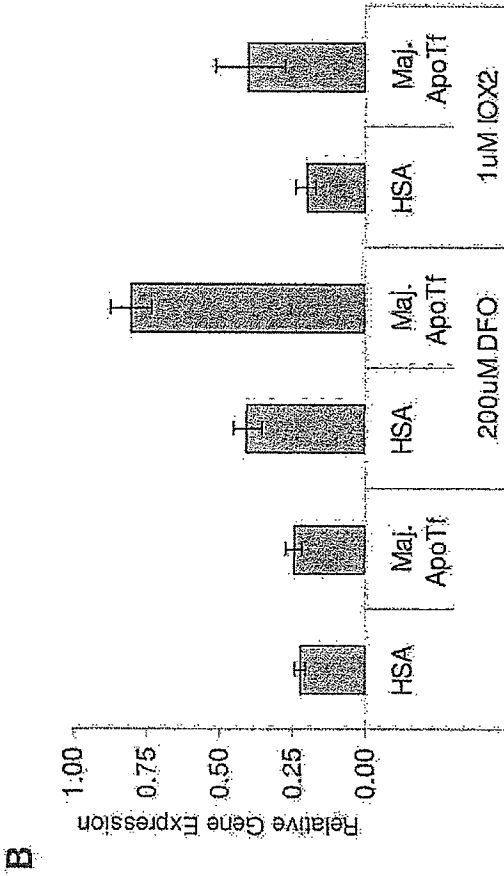
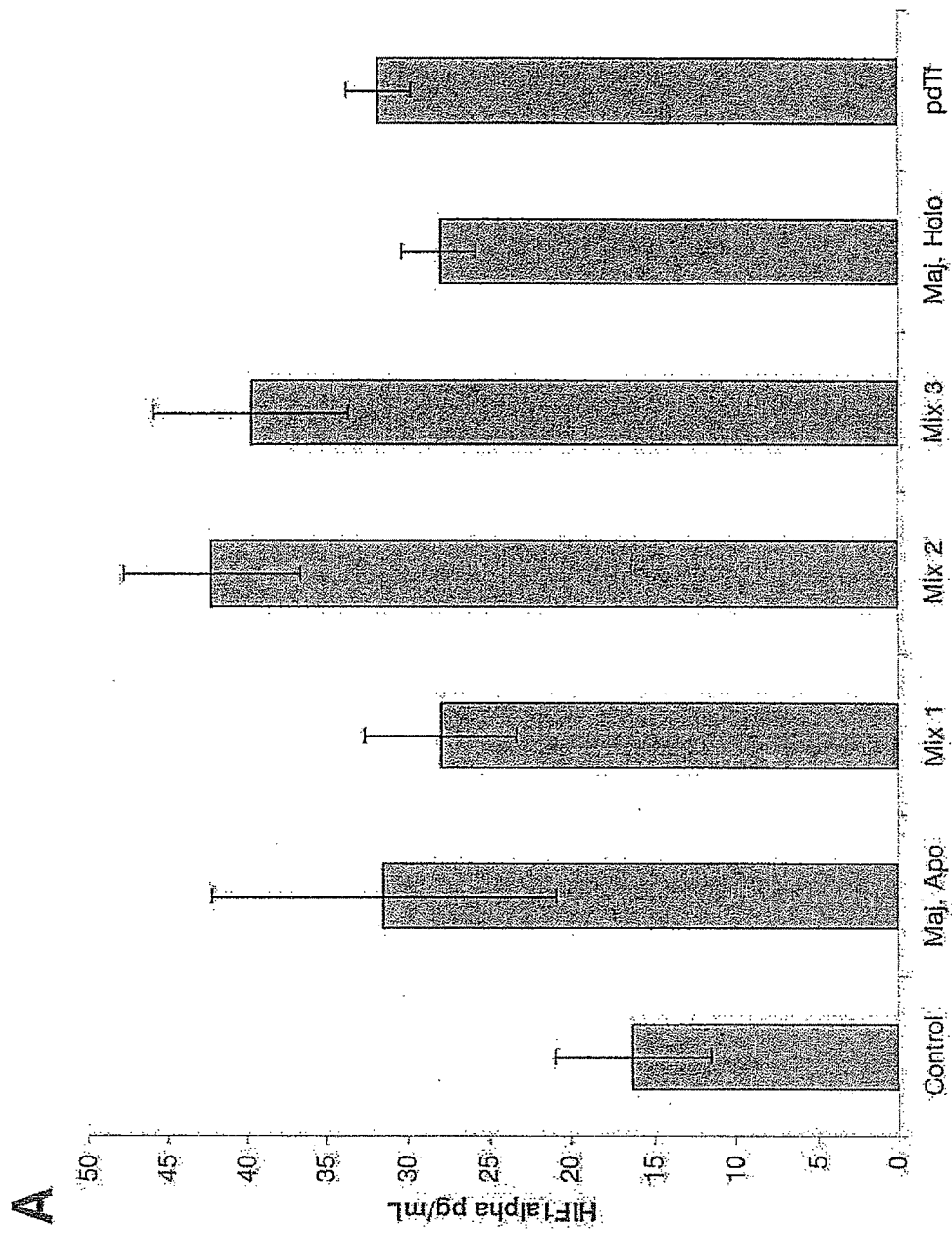
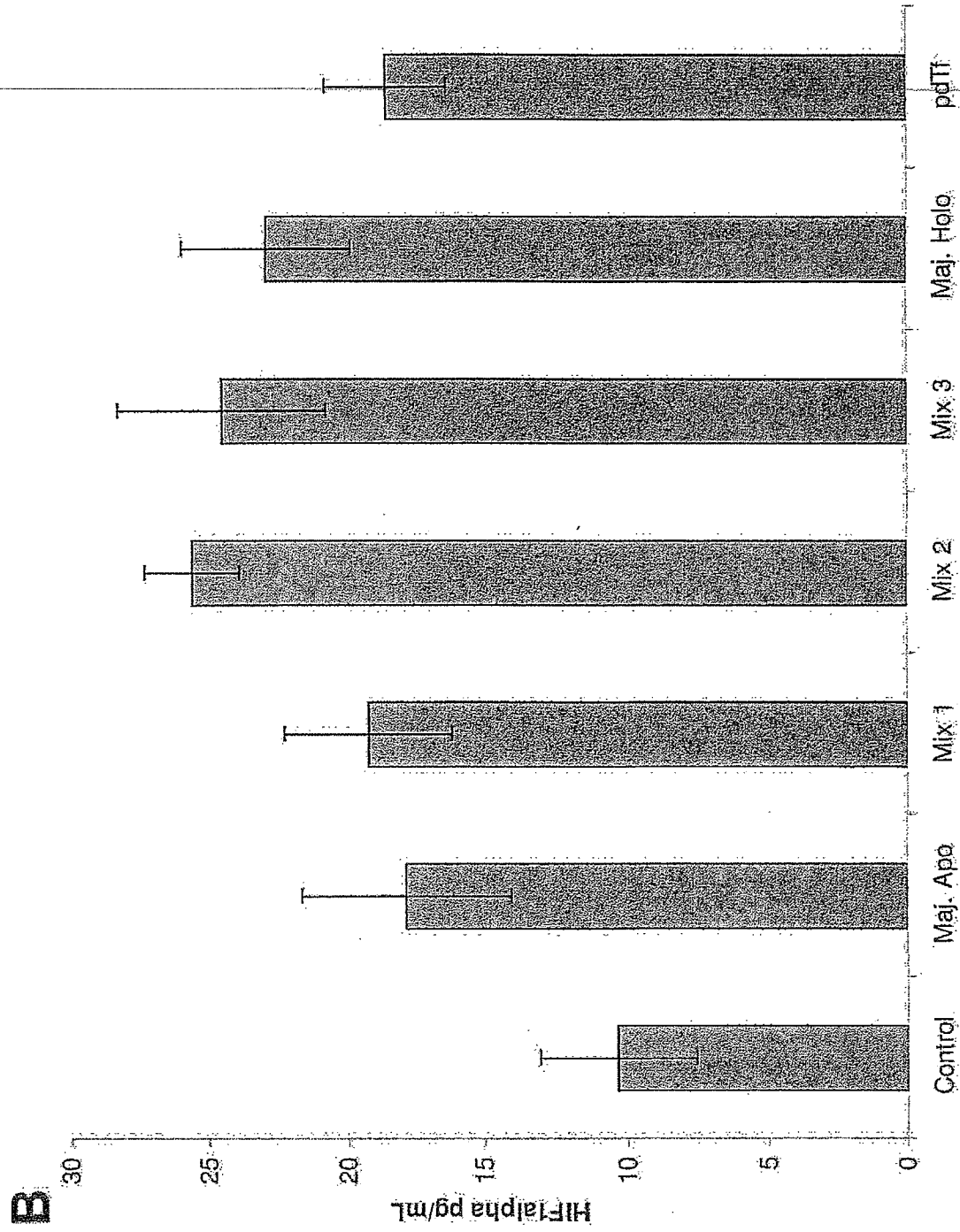
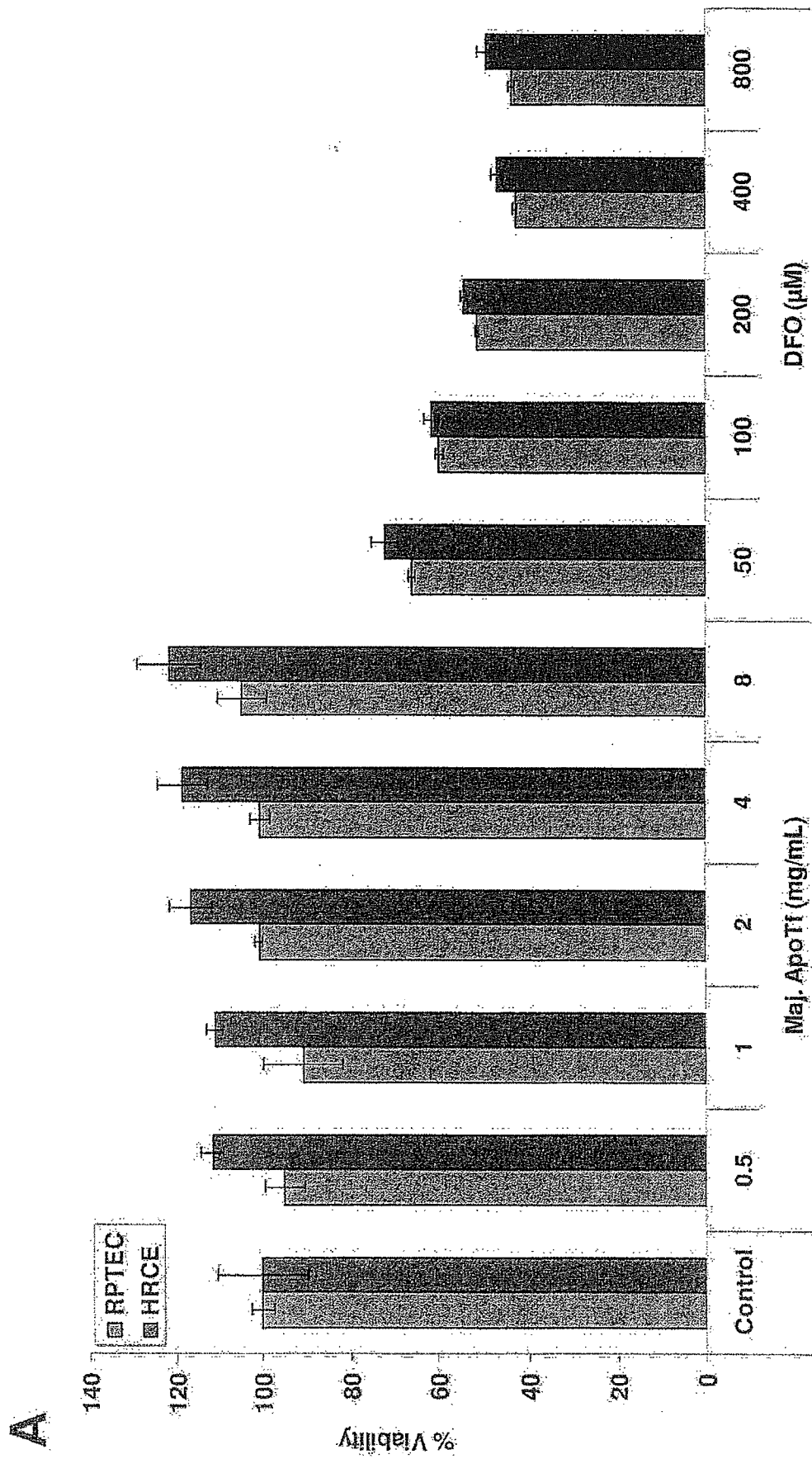
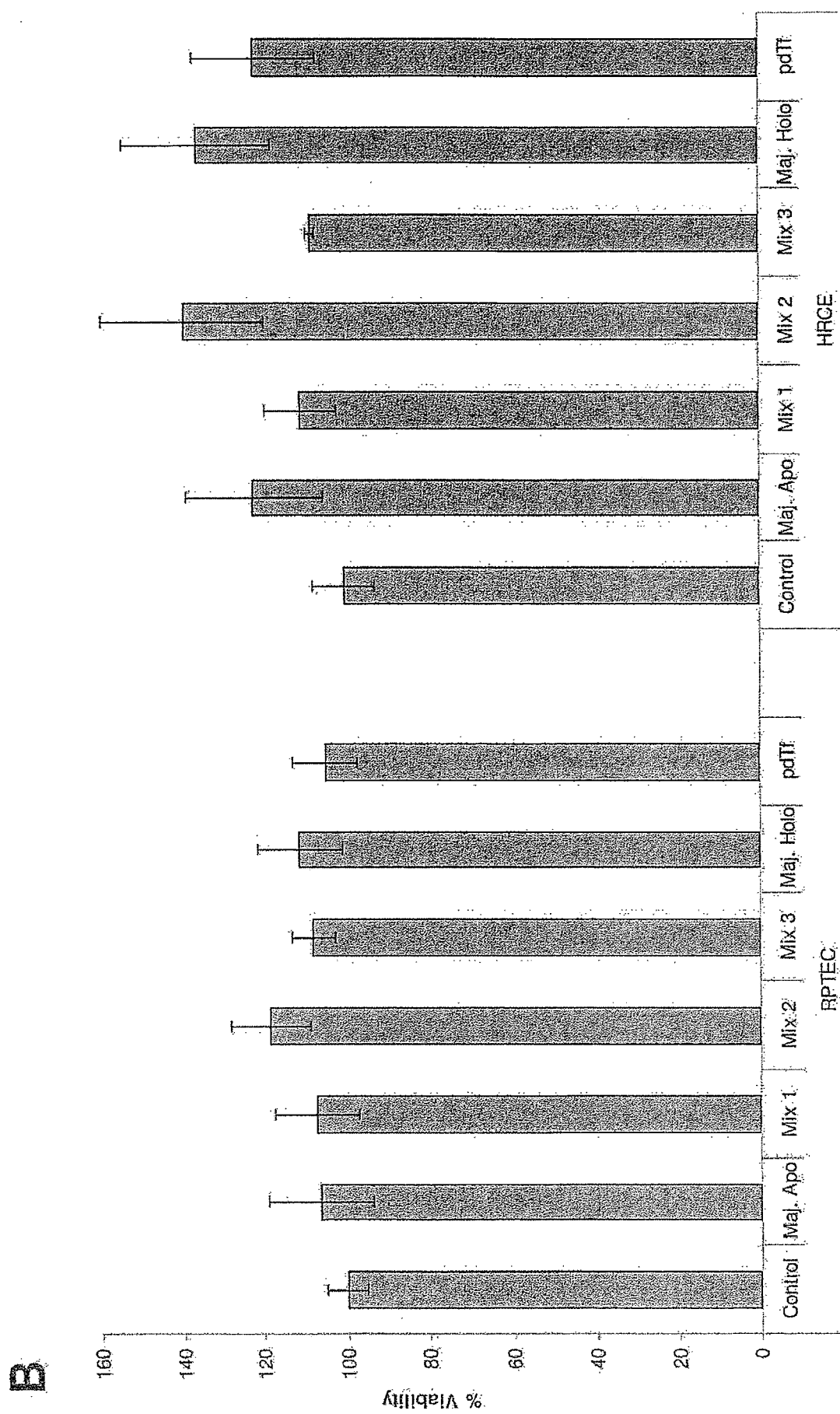


FIGURE 9B

**FIGURE 10A**

**FIGURE 10B**

**FIGURE 11A**

**FIGURE 11B**

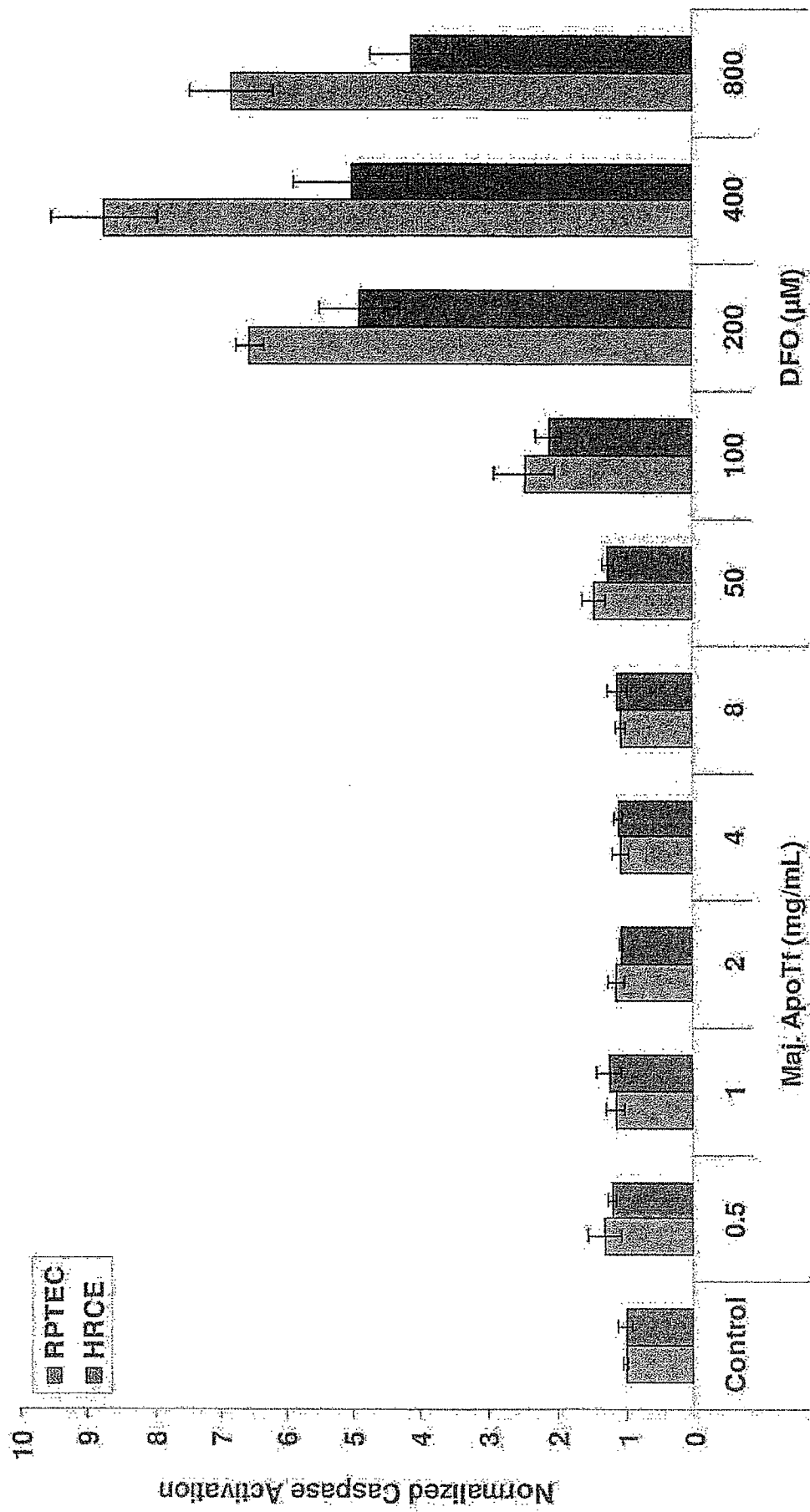
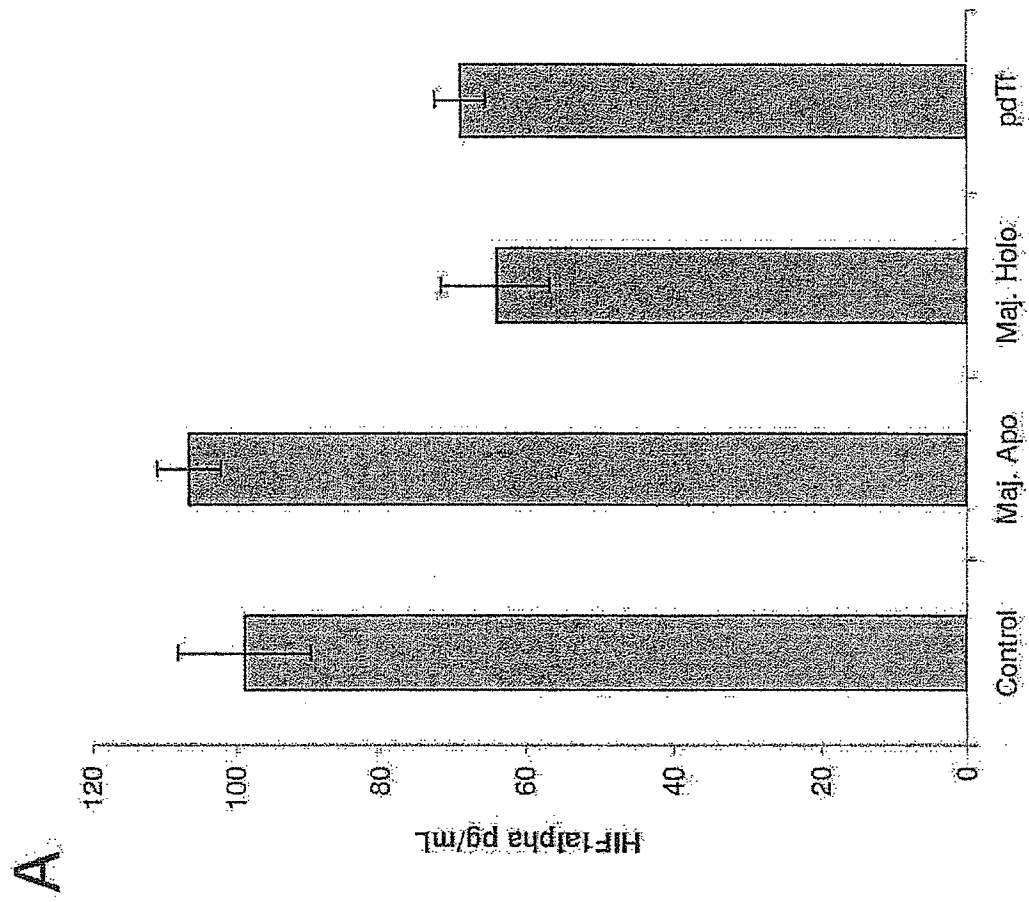
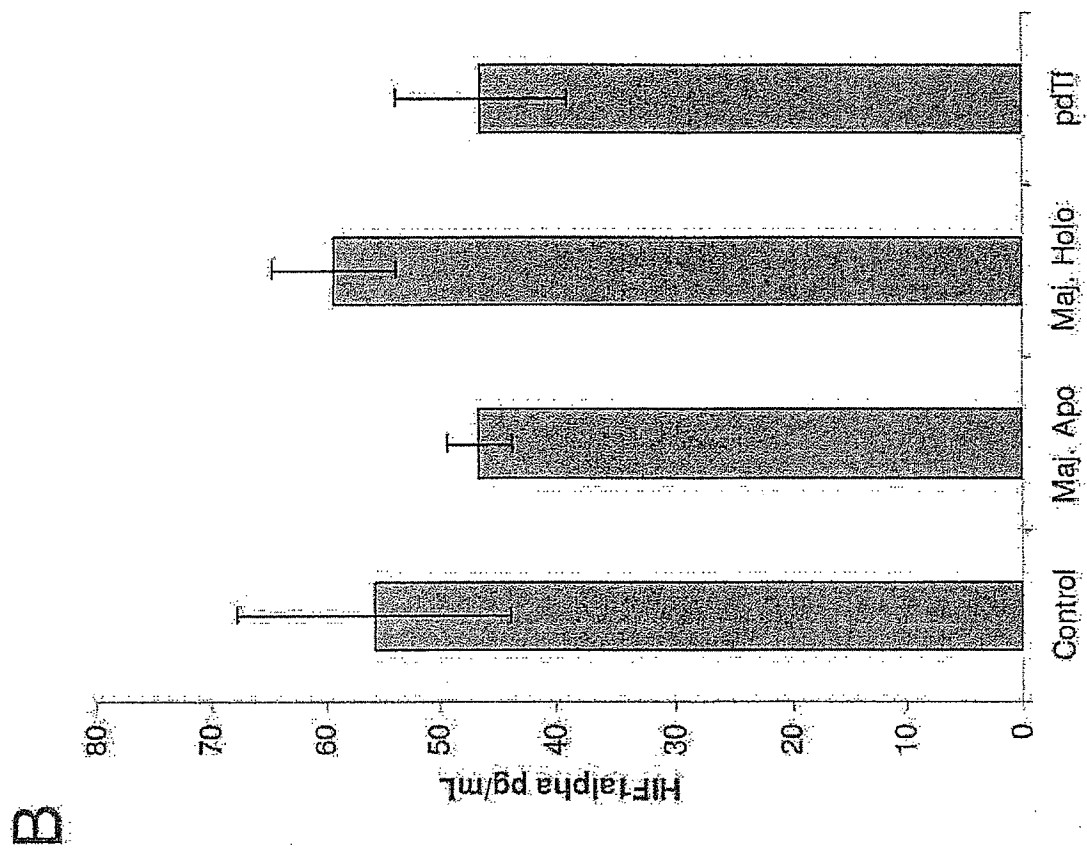
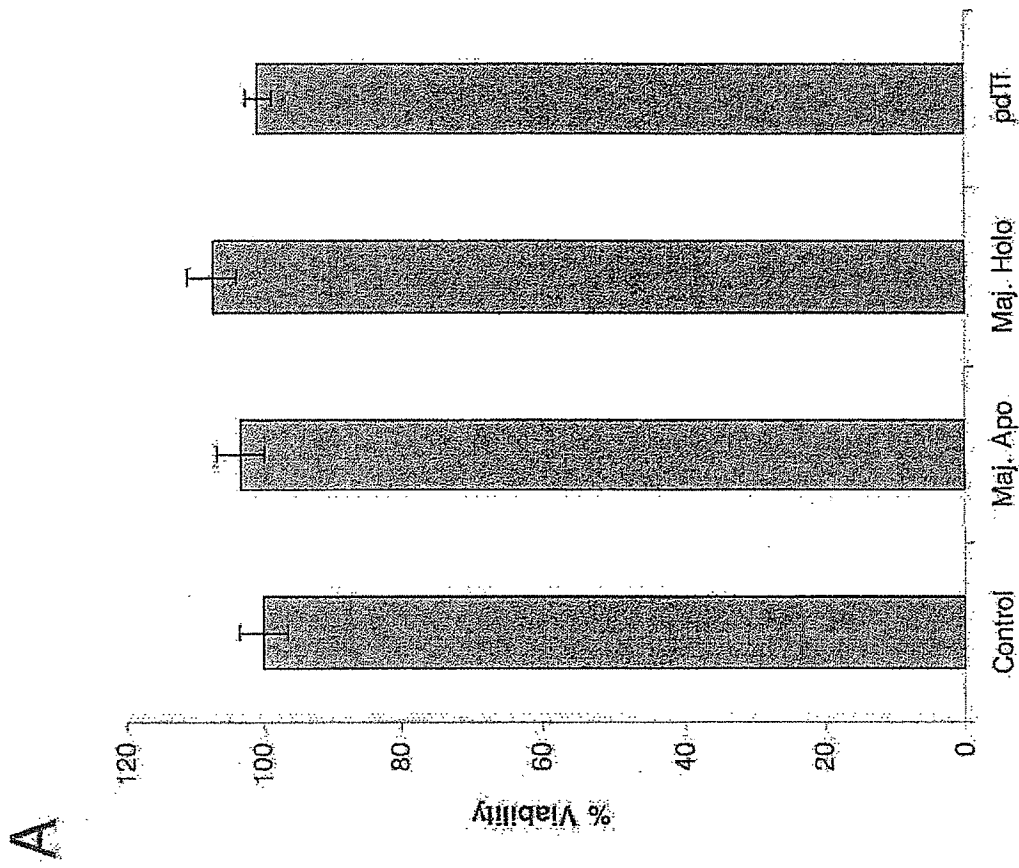


FIGURE 12

**FIGURE 13A**

**FIGURE 13B**

**FIGURE 14A**

B

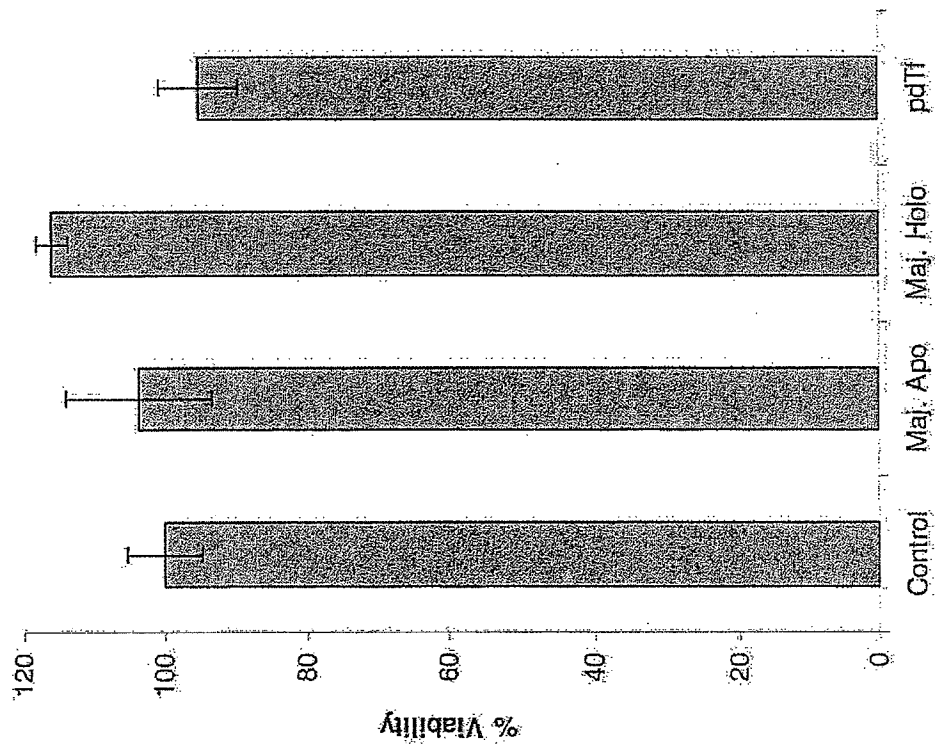


FIGURE 14B

Human Transferrin – 698 amino acids

1 MRLAVGALLV CAVLGLCLAV PDKTVRWCAV SEHEATKCQS FRDHMKSVIP SDGPSVACVK
61 KASYLDCIRA IAANEADAVT LDAGLVYDAY LAPNNLKPVV AEFYGSKEDP QTFYYAVAVV
121 KKDSGFQMNQ LRGKKSCHTG LGRSAGWNIP IGLLYCDLPE PRKPLEKAVA NFFSGSCAPC
181 ADGTDFFQLC QLCPGCGCST LNQYFGYSGA FKCLKDGAGD VAFVKHSTIF ENLANKADRD
241 QYELLCLDNT RKPVDEYKDC HLAQVPSHTV VARSMGGKED LIWELLNQAQ EHFGKDKSKE
301 FQLFSSPHGK DLLFKDSAAG FLKVPPRMDA KMYLGYEYVT AIRNLREGTC PEAPTDECKP
361 VKWCALSHHE RLKCDEWSVN SVGKIECVSA ETTEDCIAKI MNGEADAMSL DGGFVYIAGK
421 CGLVPVLAEN YNKSDNCEDT PEAGYFAVAV VKKSASDLTW DNLKGKKSCH TAVGRTAGWN
481 IPMGLLYNKI NHCRFDEFFS EGCAPGSKKD SSLCKLCMGS GLNLCEPNK EGYGYTGAF
541 RCLVEKGDVA FVKHQTVPQN TGGKNPDPWA KNLNEKDYEL LCLDGTRKPV EEYANCHLAR
601 APNHAVVTRK DKEACVHKIL RQQQHLFGSN VTDCSGNFCL FRSETKDLLF RDDTVCLAKL
661 HDRNTYEKYL GEEYVKA VGN LRCSTSSLL EACTFRRP

Sequence Reference:

GENBANK ACCESSION AAB22049

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Williams, P., DeHoff, B., Dunn, P., O'Neal, K.L., Riemen, M.W.,
Tice, P.A. et al.

TITLE A cloned gene for human transferrin

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