Figure 1

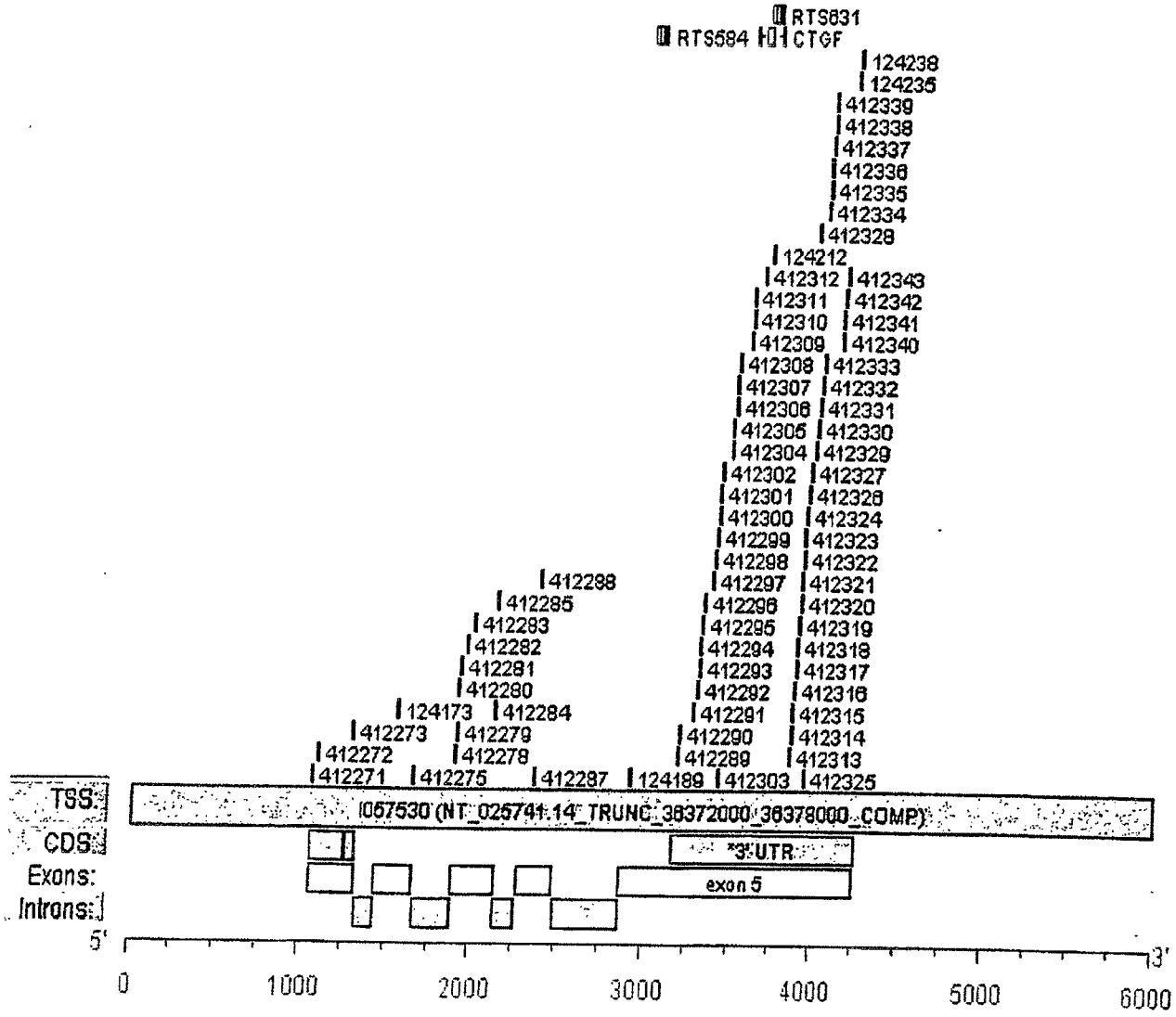

RTS631
RTS594
CTGF
124238
124235
412339
412338
412337
412336
412335
412334
412328
124212
412312
412343
412311
412342
412310
412341
412309
412340
412308
412333
412307
412332
412306
412331
412305
412330
412304
412329
412302
412327
412301
412326
412300
412324
412299
412323
412298
412322
412297
412321
412296
412320
412295
412319
412294
412318
412293
412317
412292
412316
412291
412315
412290
412314
412289
412313
412288
412285
412283
412282
412281
412280
124173
412284
412273
412279
412272
412278
412271
412275
412287
124189
412303
412325
TSS:
CDS:
Exons:
Introns:
1067530 (NT_025741.14_TRUNC_36372000_36378000_COMP)
*3'UTR
exon 5
5'
3'
0
1000
2000
3000
4000
5000
6000

Figure 2

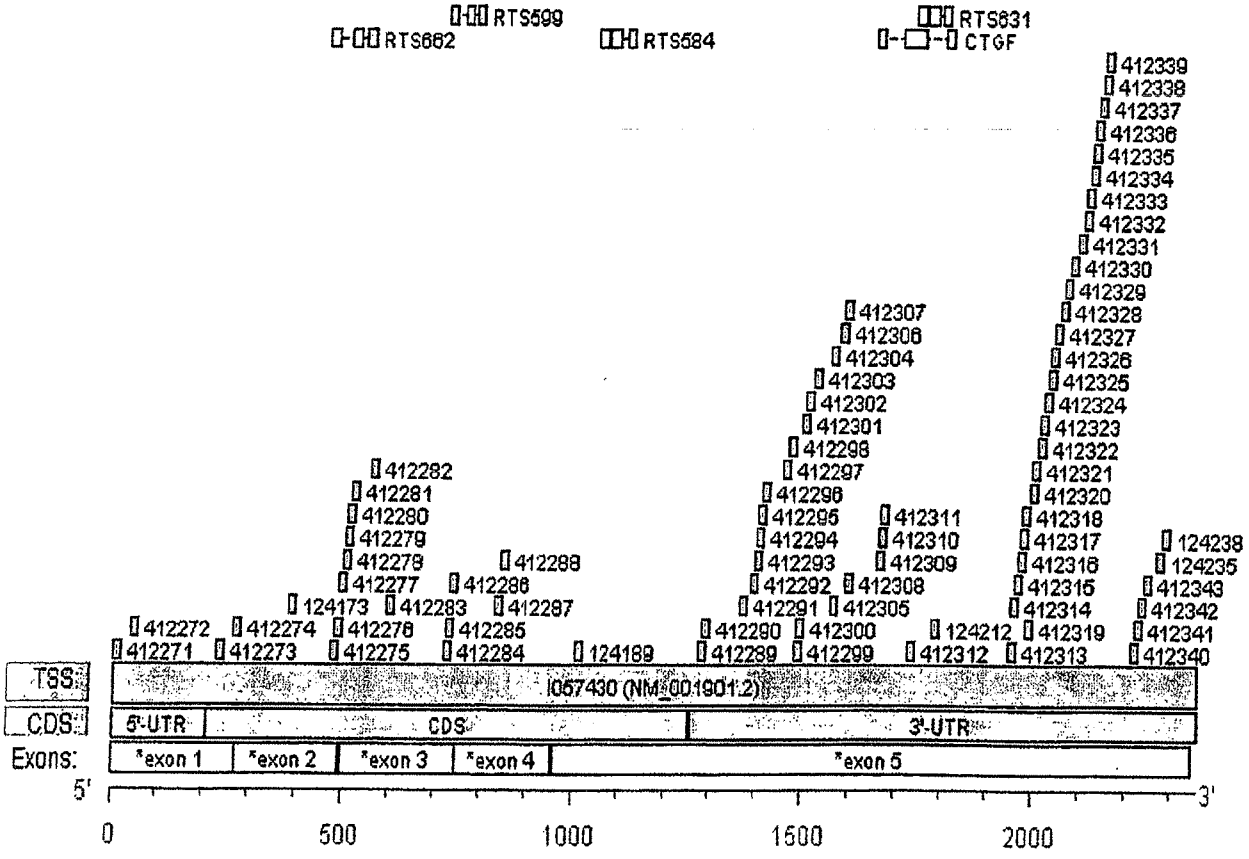

RTS599
RTS662
RTS584
RTS631
CTGF
412339
412338
412337
412336
412335
412334
412333
412332
412331
412330
412329
412328
412327
412326
412325
412324
412323
412322
412321
412320
412318
412317
412316
412315
412314
412319
412313
412312
412307
412306
412304
412303
412302
412301
412298
412297
412296
412295
412294
412293
412292
412291
412311
412310
412309
412308
412305
412300
412299
412290
412289
124212
124238
124235
412343
412342
412341
412340
412282
412281
412280
412279
412278
412277
412288
412286
124173
412283
412287
412272
412274
412276
412285
412271
412273
412275
412284
124189
TSS:
I067430 (NM_001901.2)
CDS:
5'-UTR
CDS
3'-UTR
Exons:
*exon 1
*exon 2
*exon 3
*exon 4
*exon 5
5'
3'
0
500
1000
1500
2000

Figure 3

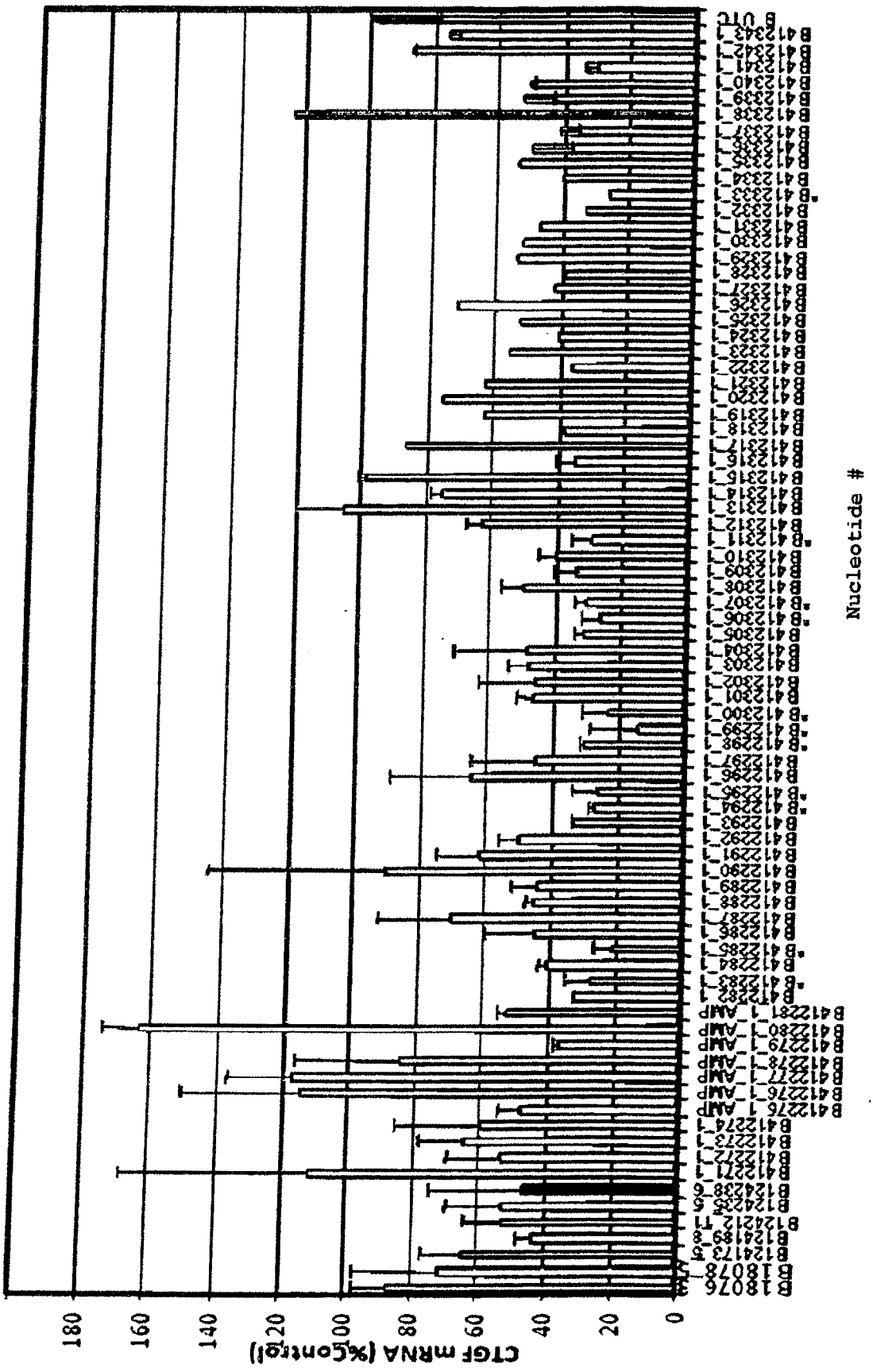

CTGF mRNA (%Control)
0
20
40
60
80
100
120
140
160
180
Nucleotide #
B418076
B418078
B412417 3
B412418 9
B412421 2
B412423 5
B412423 8
B412273 1
B412274 1
B412276 1 AMP
B412277 1 AMP
B412278 1 AMP
B412279 1 AMP
B412280 1 AMP
B412281 1 AMP
B412282 1
B412283 1
B412284 1
B412285 1
B412286 1
B412287 1
B412288 1
B412289 1
B412290 1
B412291 1
B412292 1
B412293 1
B412294 1
B412296 1
B412297 1
B412298 1
B412299 1
B412300 1
B412301 1
B412302 1
B412303 1
B412304 1
B412305 1
B412306 1
B412307 1
B412308 1
B412309 1
B412310 1
B412311 1
B412312 1
B412313 1
B412314 1
B412315 1
B412316 1
B412317 1
B412318 1
B412319 1
B412320 1
B412321 1
B412322 1
B412323 1
B412324 1
B412325 1
B412326 1
B412327 1
B412328 1
B412329 1
B412330 1
B412331 1
B412332 1
B412333 1
B412334 1
B412335 1
B412336 1
B412337 1
B412338 1
B412339 1
B412340 1
B412341 1
B412342 1
B412343 1
B UTC

Figure 4

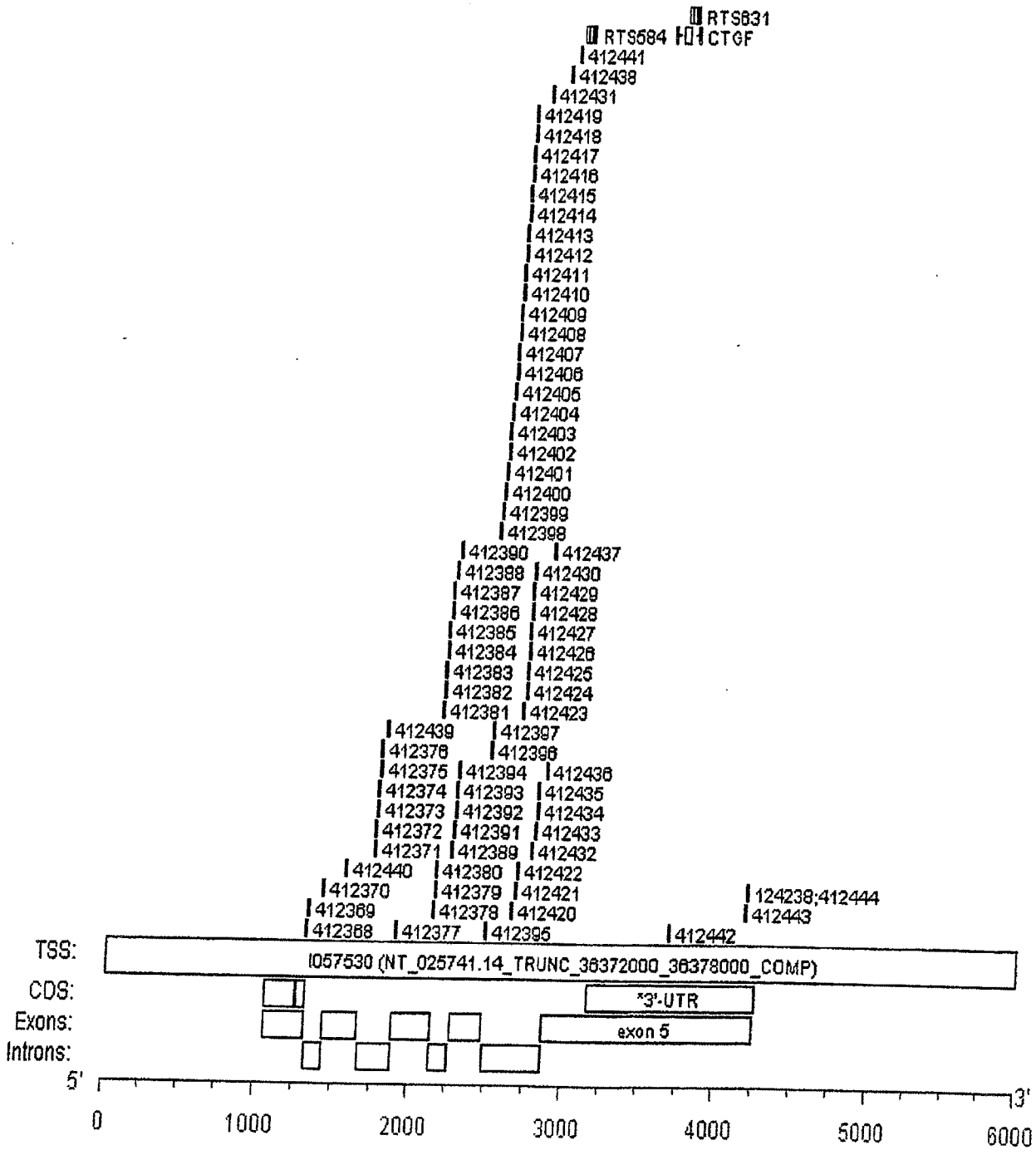

RTS631
RTS584
CTGF
412441
412438
412431
412419
412418
412417
412416
412415
412414
412413
412412
412411
412410
412409
412408
412407
412406
412405
412404
412403
412402
412401
412400
412399
412398
412390
412437
412388
412430
412387
412429
412386
412428
412385
412427
412384
412426
412383
412425
412382
412424
412381
412423
412439
412397
412376
412396
412375
412394
412436
412374
412393
412435
412373
412392
412434
412372
412391
412433
412371
412389
412432
412440
412380
412422
412370
412379
412421
124238;412444
412369
412378
412420
412443
412368
412377
412395
412442
TSS:
I057530 (NT_025741.14_TRUNC_36372000_36378000_COMP)
CDS:
*3'-UTR
Exons:
exon 5
Introns:
5'
3'
0
1000
2000
3000
4000
5000
6000

Figure 5

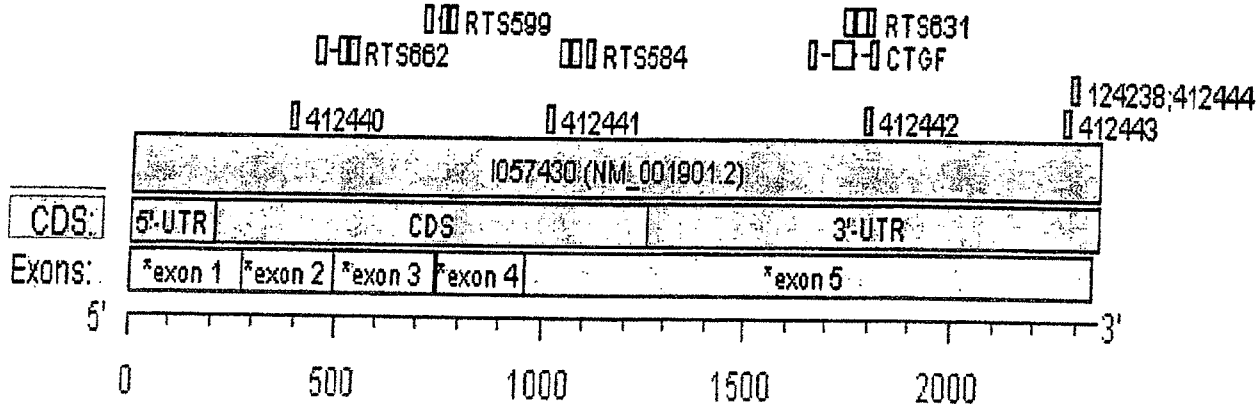

RTS599
RTS631
RTS662
RTS584
CTGF
124238;412444
412440
412441
412442
412443
I057430 (NM_001901.2)
CDS:
5'-UTR
CDS
3'-UTR
Exons:
*exon 1
*exon 2
*exon 3
*exon 4
*exon 5
5'
3'
0
500
1000
1500
2000

Figure 6

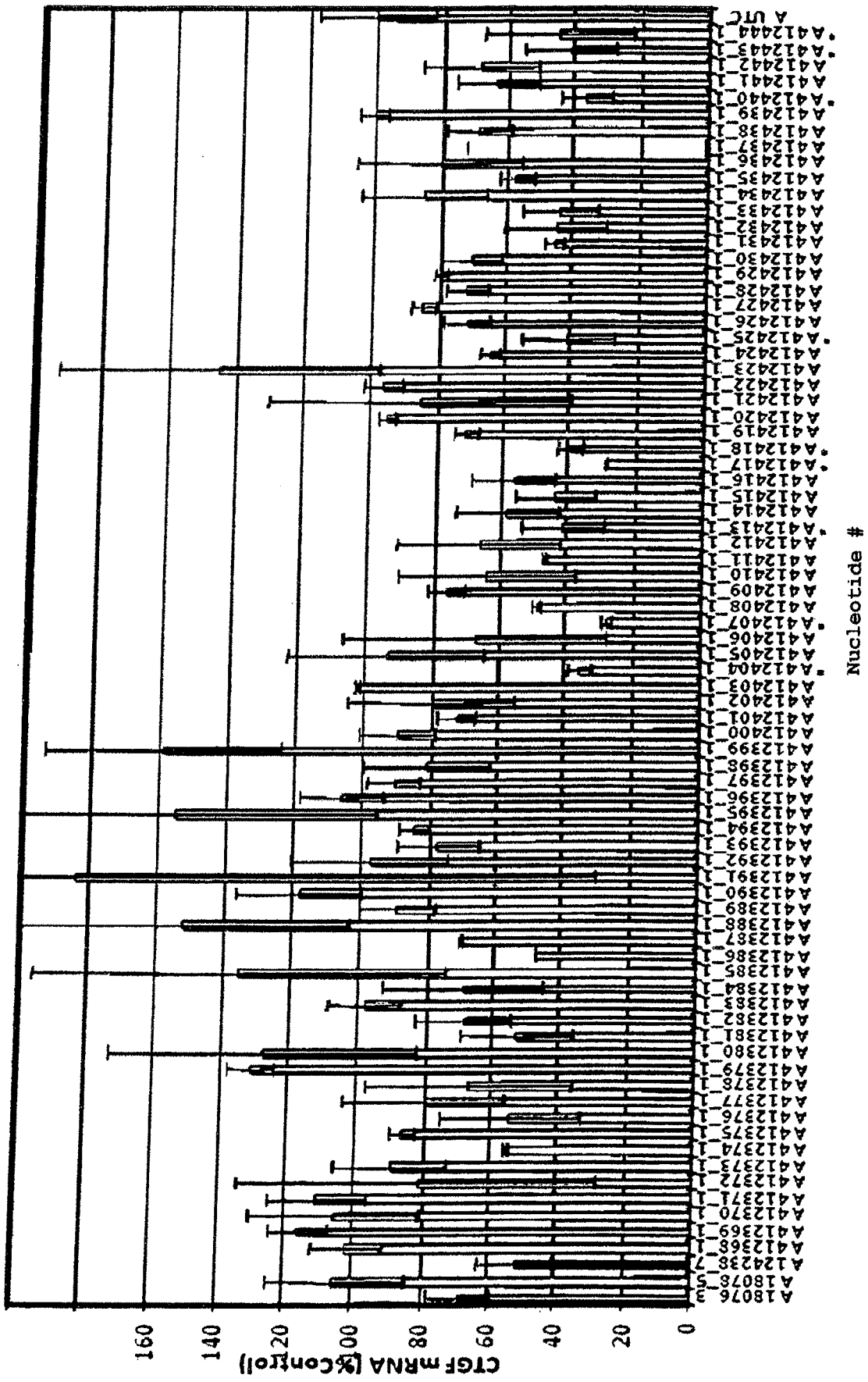

CTGF mRNA (%control)
0
20
40
60
80
100
120
140
160
Nucleotide #
A UTC
A180763_3
A180765_5
A1242387_1
A412368_1
A412369_1
A412370_1
A412371_1
A412372_1
A412373_1
A412374_1
A412375_1
A412376_1
A412377_1
A412378_1
A412379_1
A412380_1
A412381_1
A412382_1
A412383_1
A412384_1
A412385_1
A412386_1
A412387_1
A412388_1
A412389_1
A412390_1
A412391_1
A412392_1
A412393_1
A412394_1
A412395_1
A412396_1
A412397_1
A412398_1
A412399_1
A412400_1
A412401_1
A412402_1
A412403_1
A412404_1
A412405_1
A412406_1
A412407_1
A412408_1
A412409_1
A412410_1
A412411_1
A412412_1
A412413_1
A412414_1
A412415_1
A412416_1
A412417_1
A412418_1
A412419_1
A412420_1
A412421_1
A412422_1
A412423_1
A412424_1
A412425_1
A412426_1
A412427_1
A412428_1
A412429_1
A412430_1
A412431_1
A412432_1
A412433_1
A412434_1
A412435_1
A412436_1
A412437_1
A412438_1
A412439_1
A412440_1
A412441_1
A412442_1
A412443_1
A412444_1

Figure 7A

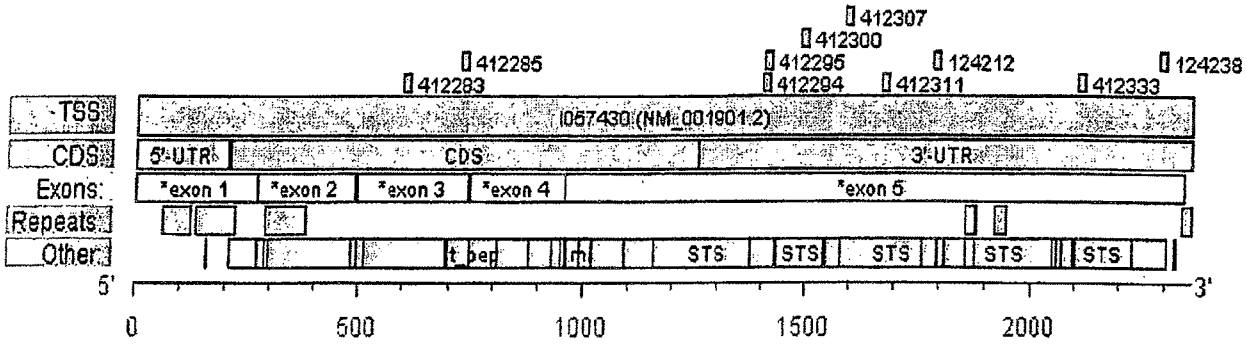


Figure 7B

Oligonucleotide #	Sequence
412404	CGTGGCAAGAGCCCTAAGTT (INTRON)
412283	GGGCATGCAGCCCACCGCCC (EXON 3)
412285	AGGGCAGGCCCAACCACGGT (EXON 3)
412294	GTTTGACATGGCACAATGTT (EXON 5)
412295	TATTTGTTTGACATGGCACA (EXON 5)
412300	TAATATACATTCTGGTGCTG (EXON 5)
412307	TACACTTCAAATAGCAGGCA (EXON 5)
412311	TCTTGATGGCTGGAGAATGC (EXON 5)
412333	CAGCCTGCCAAGGACACTGA (EXON 5)
124238	AAACATGTAACTTTTGGTCA (Old leads)
124212	CCACAAGCTGTCCAGTCTAA (Old leads)

Figure 8

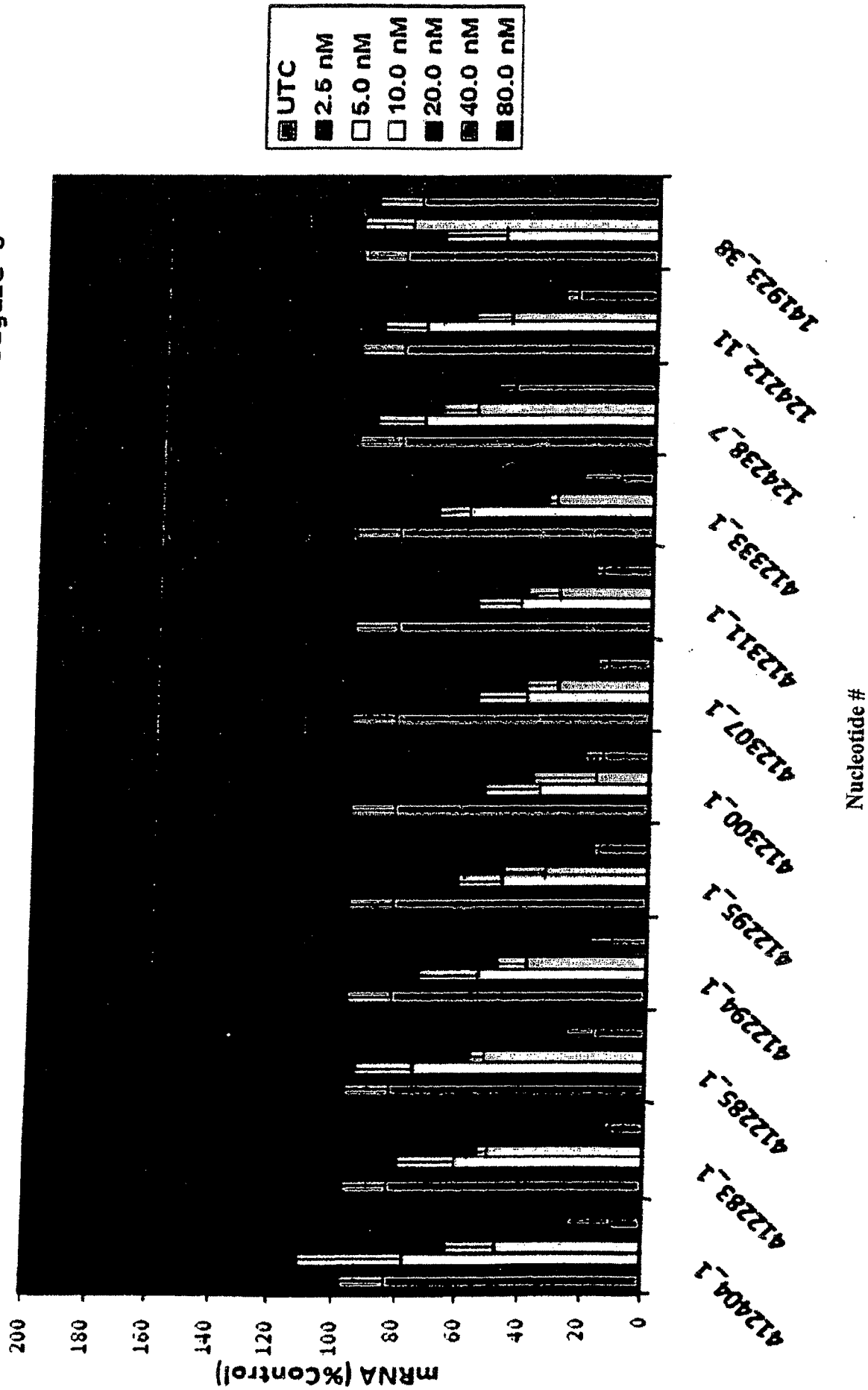

UTC
2.5 nM
5.0 nM
10.0 nM
20.0 nM
40.0 nM
80.0 nM
mRNA (%Control)
0
20
40
60
80
100
120
140
160
180
200
412404_1
412283_1
412285_1
412294_1
412295_1
412300_1
412307_1
412311_1
412333_1
412438_7
412412_11
141923_38
Nucleotide #

Figure 9A

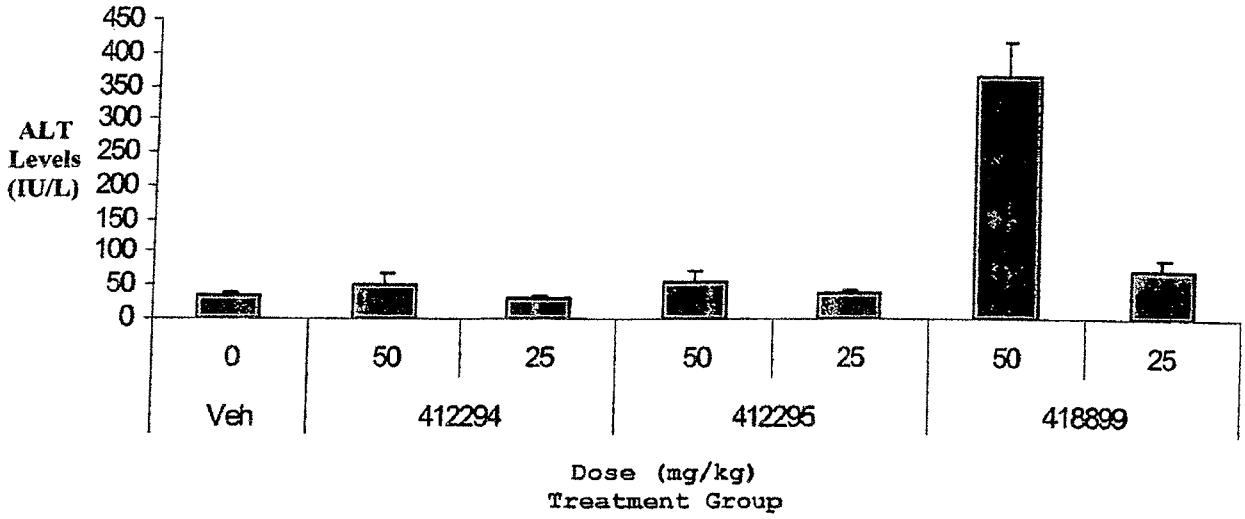


Figure 9B

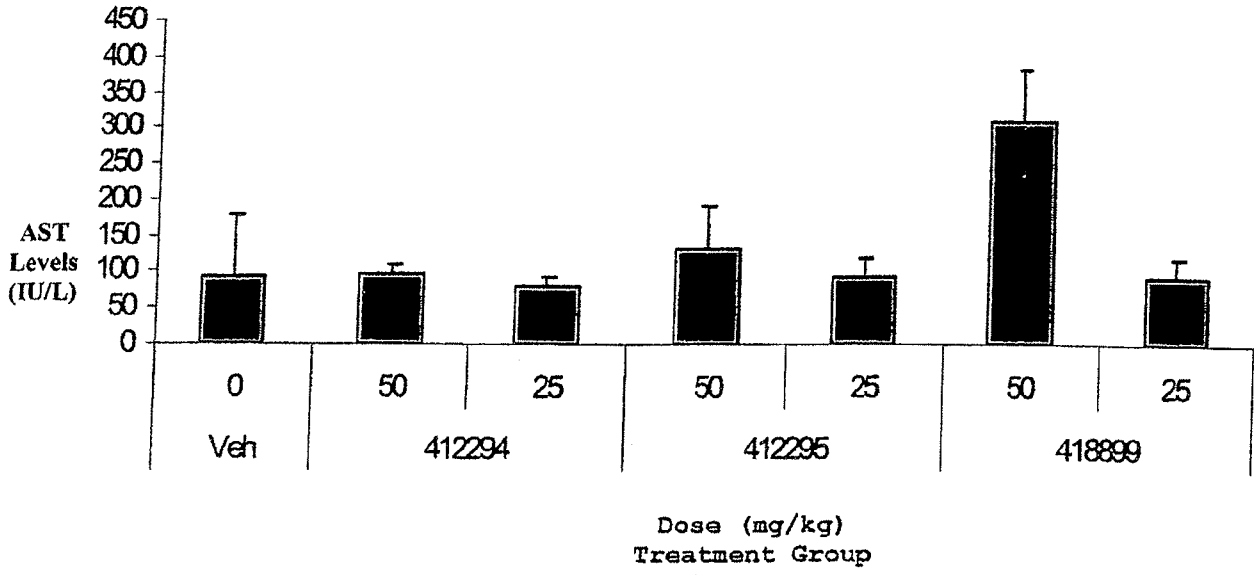


Figure 10

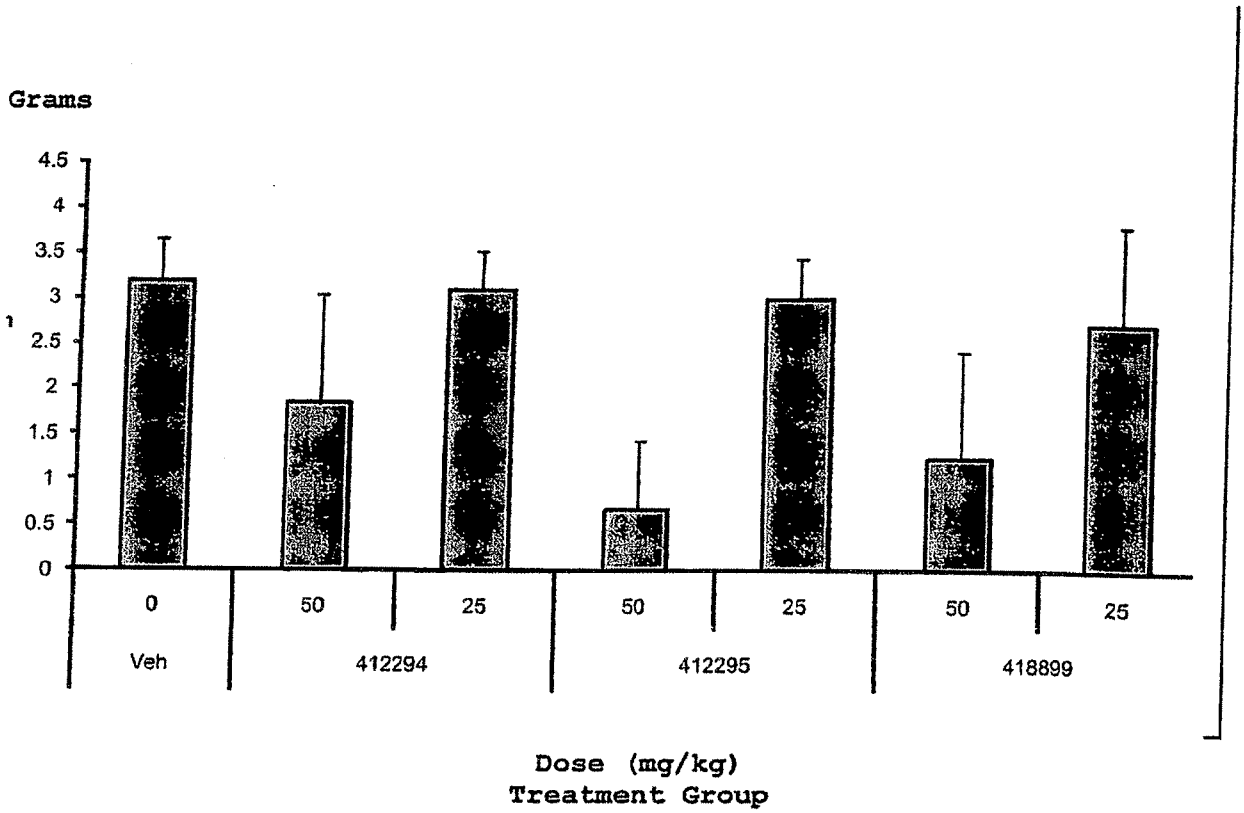
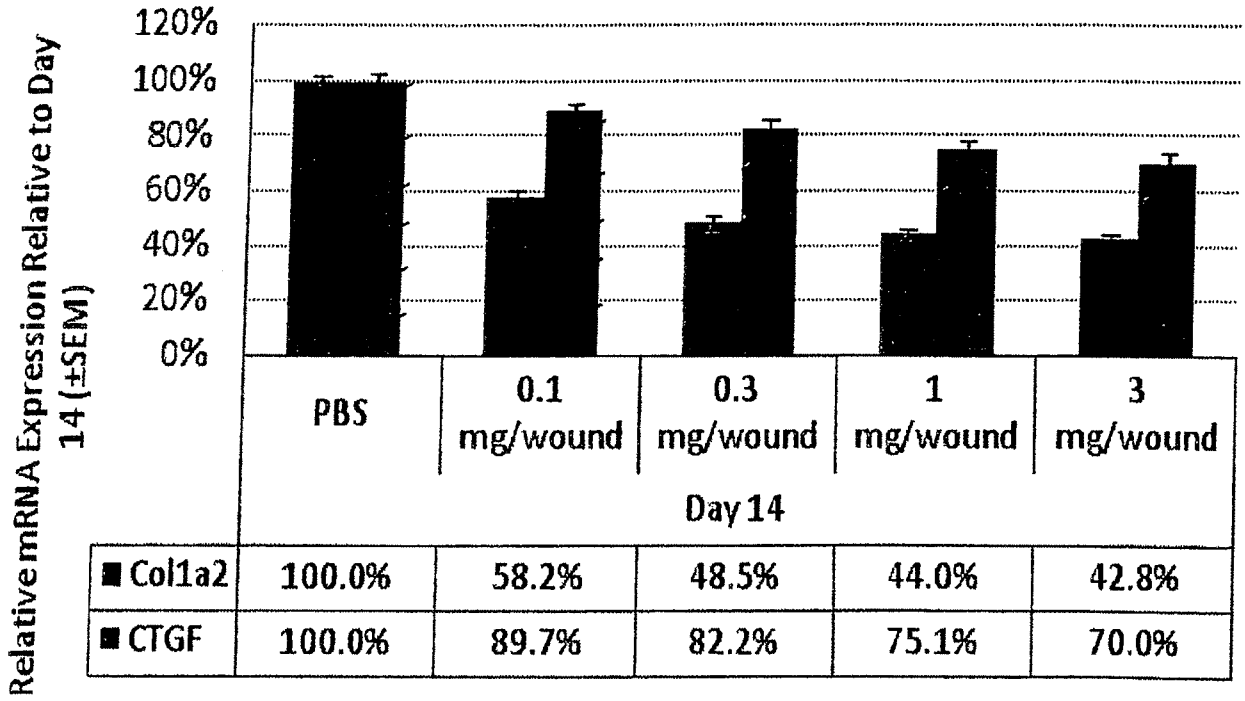
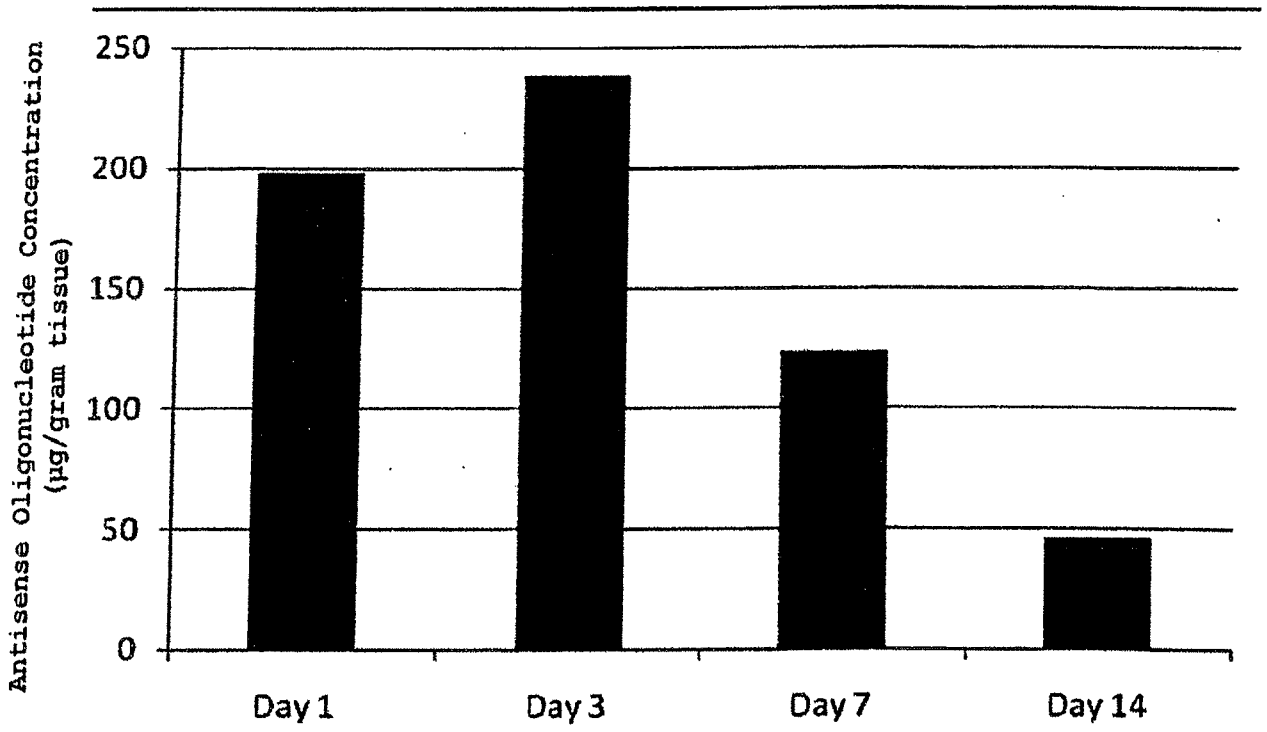

Grams
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
50
25
50
25
50
25
Veh
412294
412295
418899
Dose (mg/kg)
Treatment Group

Figure 11



	PBS	0.1 mg/wound	0.3 mg/wound	1 mg/wound	3 mg/wound
Col1a2	100.0%	58.2%	48.5%	44.0%	42.8%
CTGF	100.0%	89.7%	82.2%	75.1%	70.0%

Figure 12


Antisense Oligonucleotide Concentration (µg/gram tissue)
250
200
150
100
50
0
Day 1
Day 3
Day 7
Day 14