SHEET 1/16

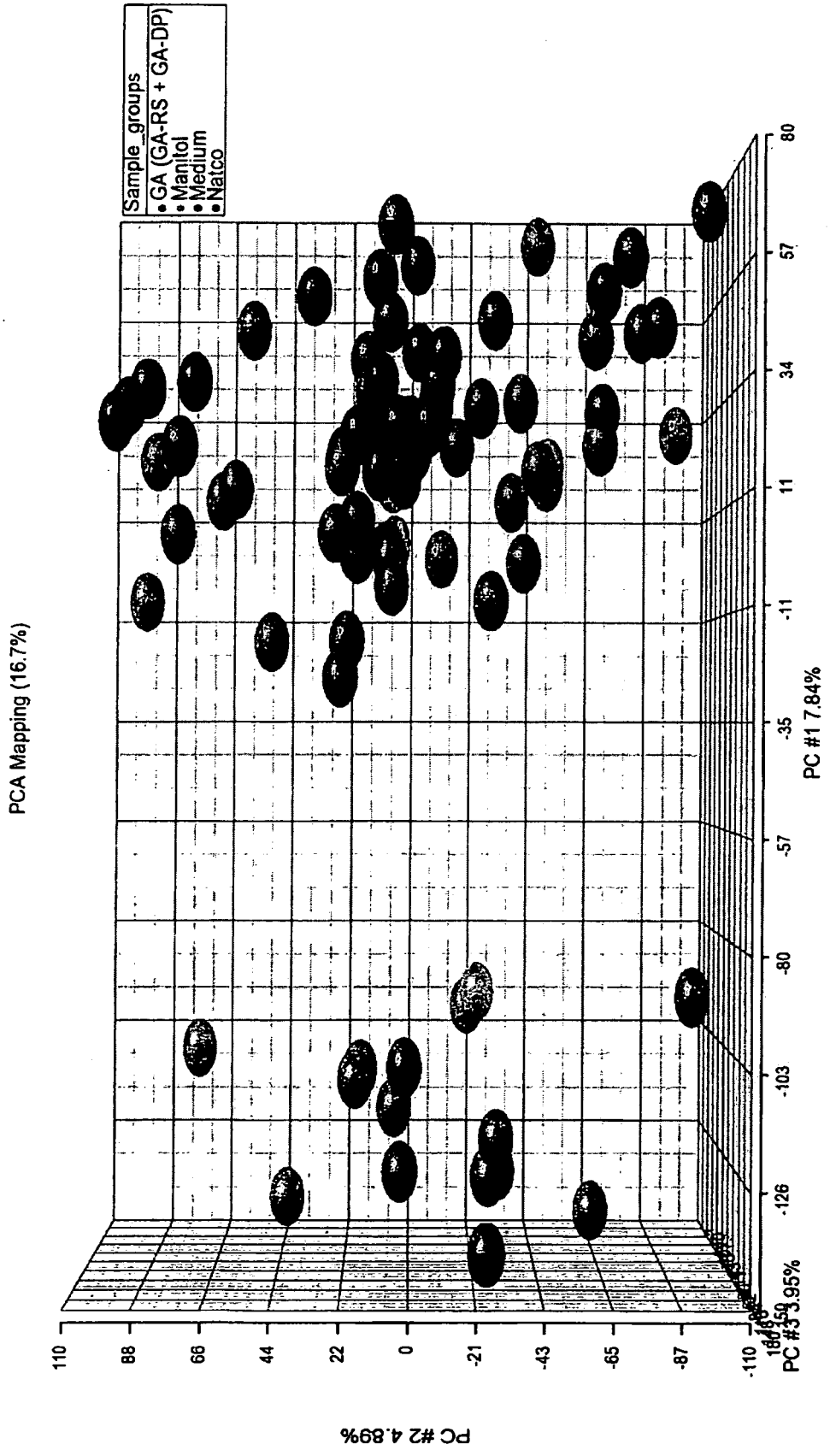


FIGURE 1

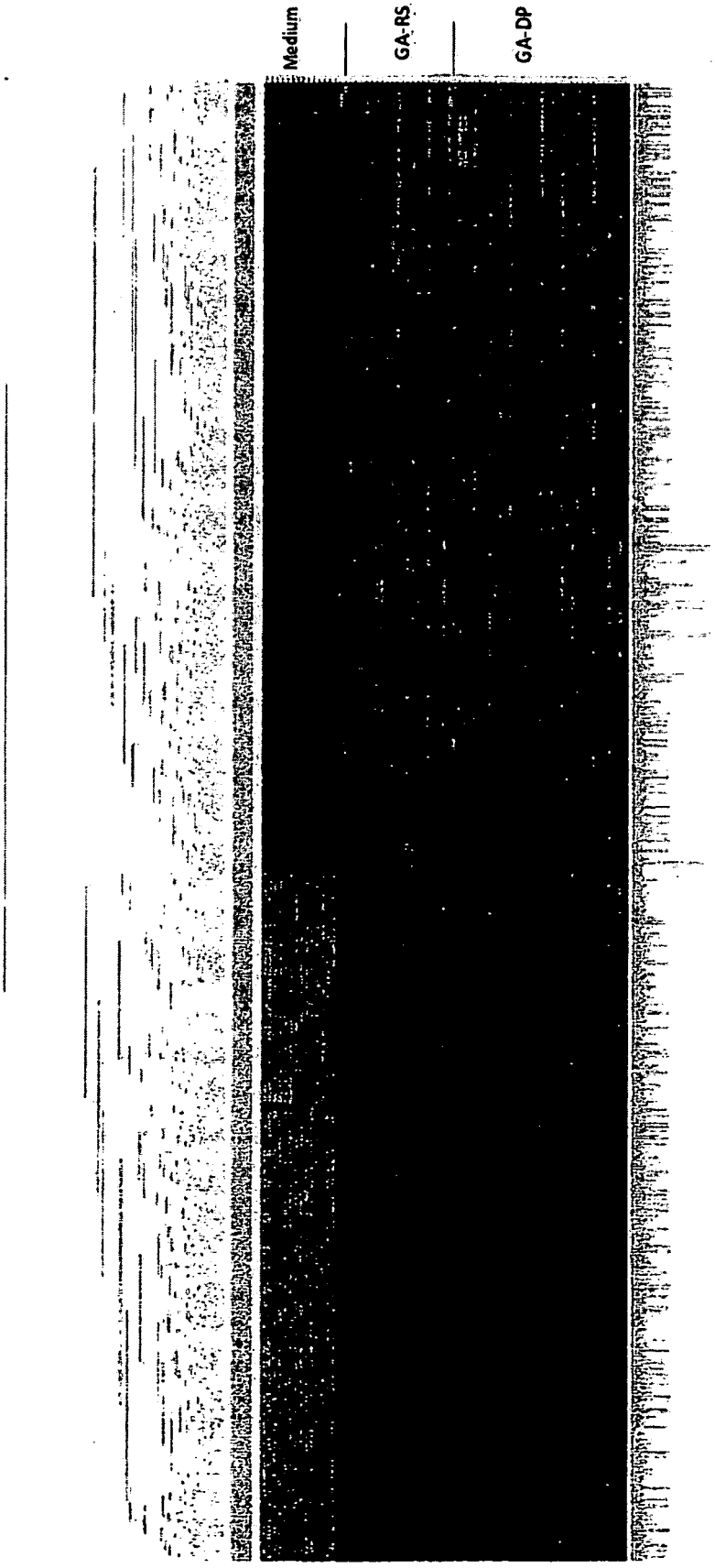


FIGURE 2

SHEET 3/16

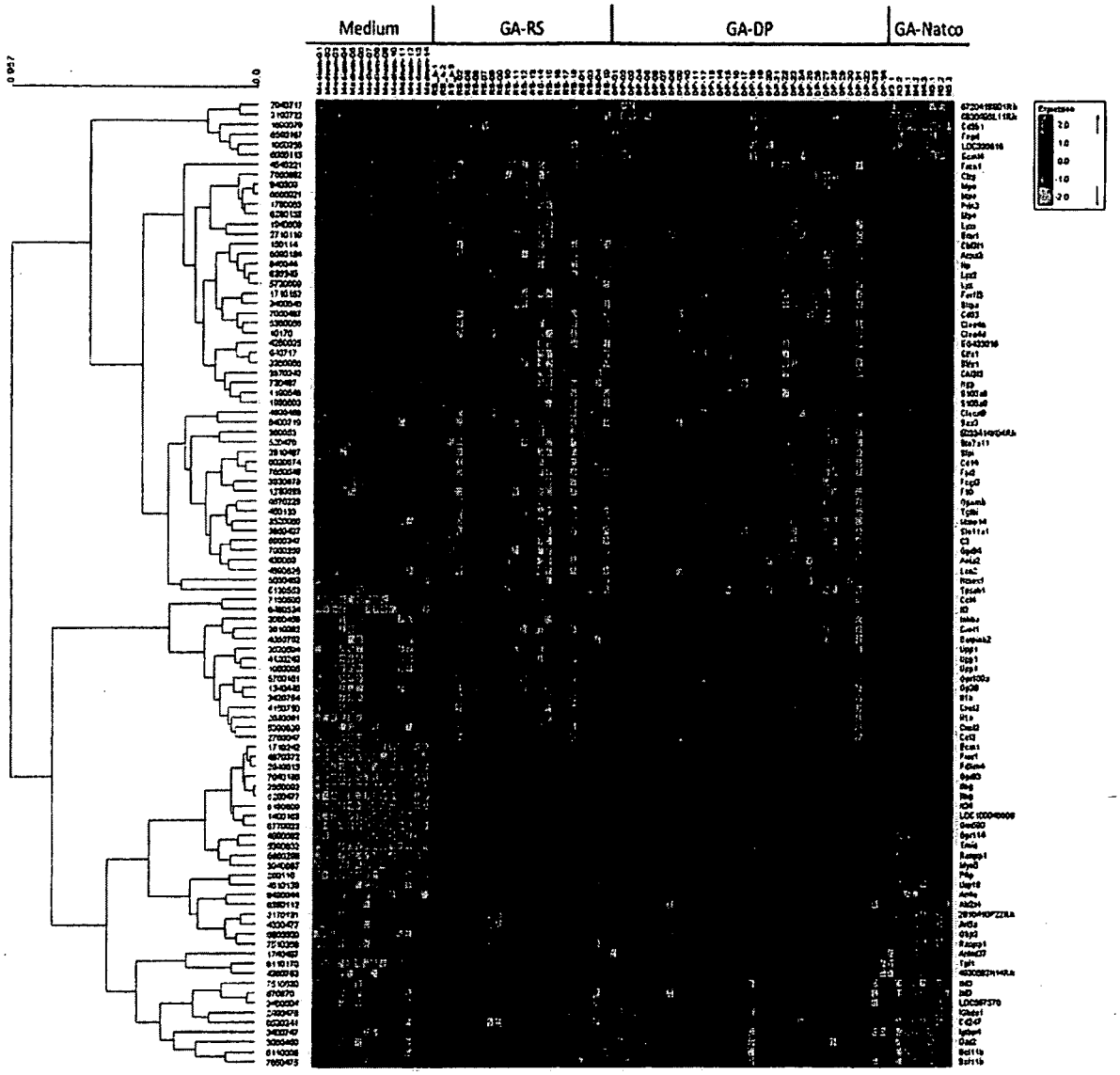


FIGURE 3

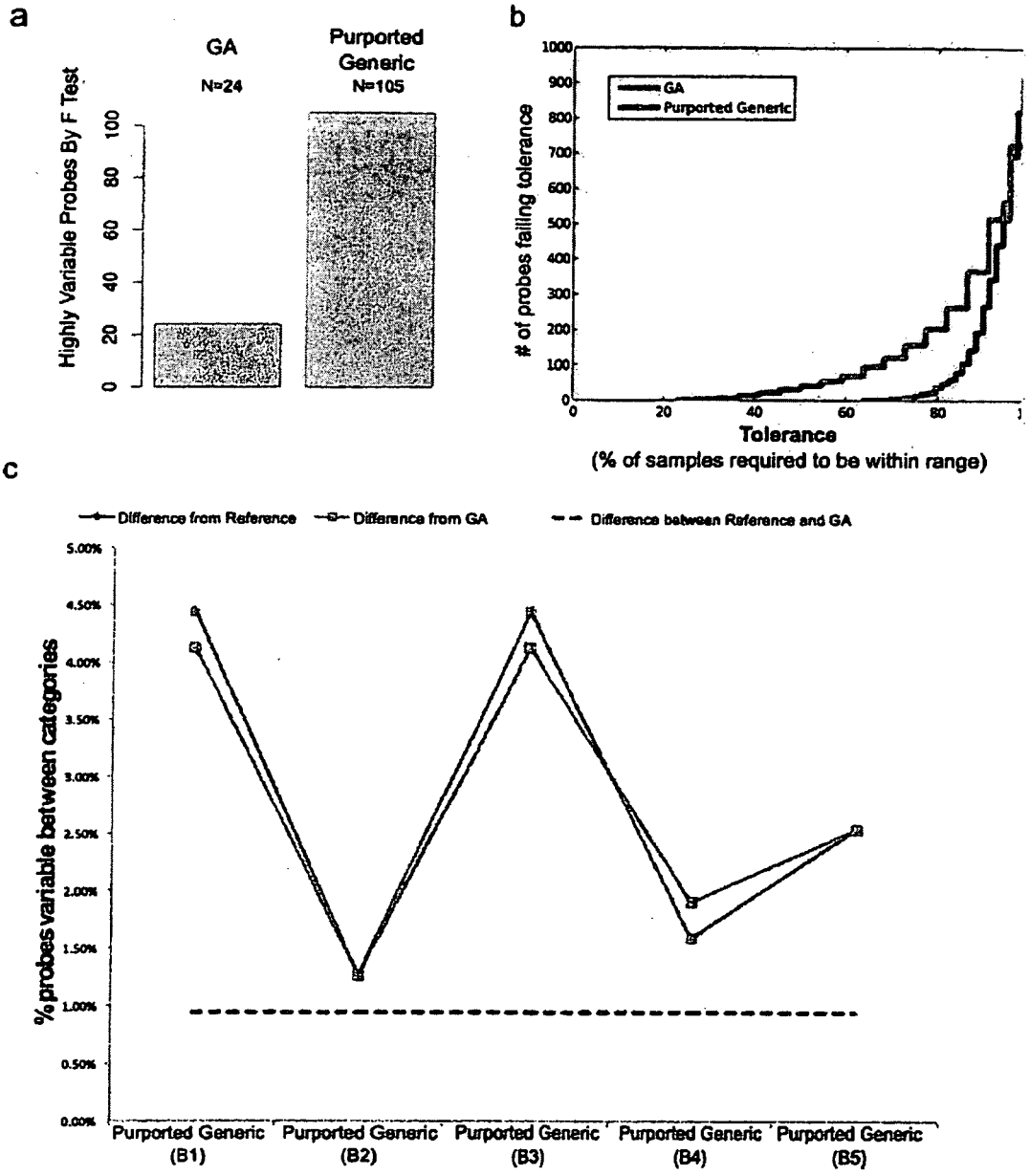

a
GA
N=24
Purported Generic
N=105
Highly Variable Probes By F Test
0
20
40
60
80
100
b
GA
Purported Generic
# of probes failing tolerance
0
100
200
300
400
500
600
700
800
900
1000
0
20
40
60
80
Tolerance
(% of samples required to be within range)
c
Difference from Reference
Difference from GA
Difference between Reference and GA
% probes variable between categories
5.00%
4.50%
4.00%
3.50%
3.00%
2.50%
2.00%
1.50%
1.00%
0.50%
0.00%
Purported Generic (B1)
Purported Generic (B2)
Purported Generic (B3)
Purported Generic (B4)
Purported Generic (B5)

Figure 4

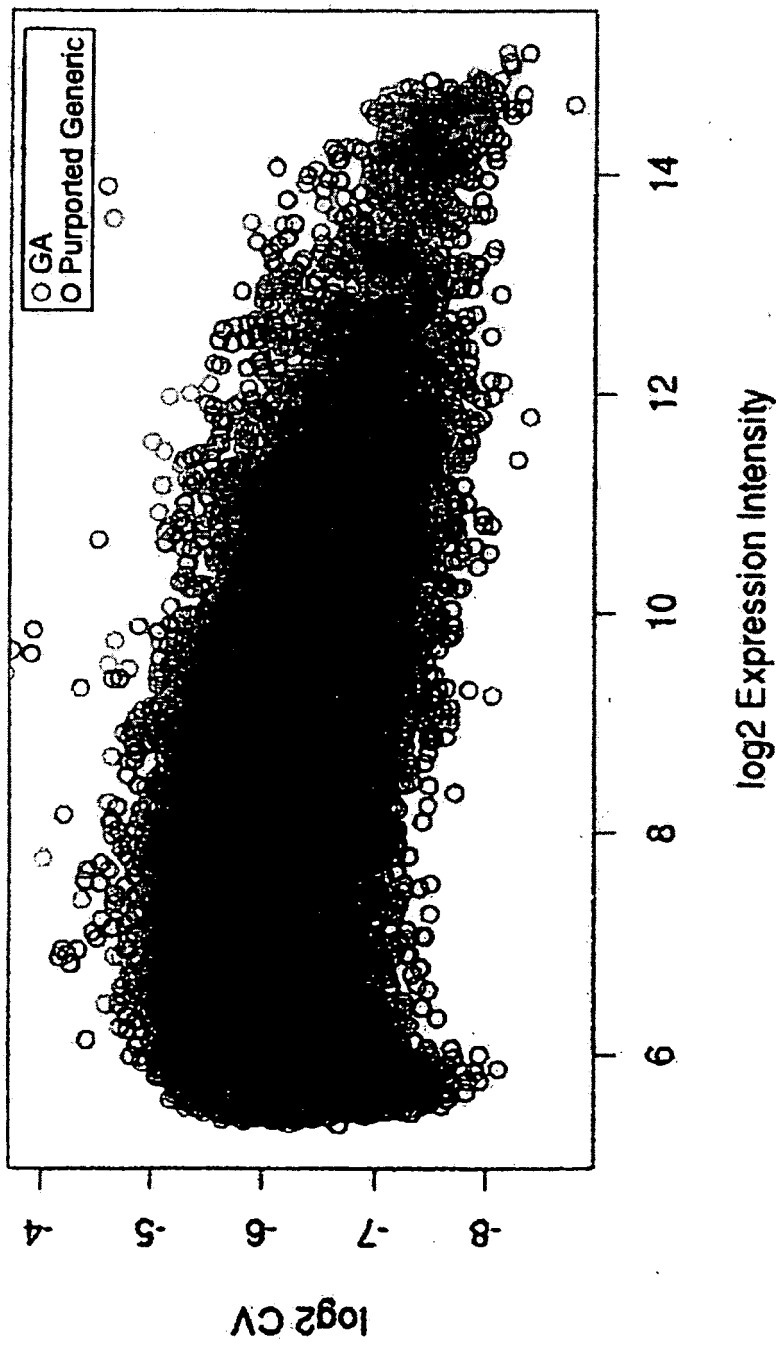

GA
Purported Generic
log2 CV
-4
-5
-6
-7
-8
log2 Expression Intensity
6
8
10
12
14

Figure 5

SHEET 6/16

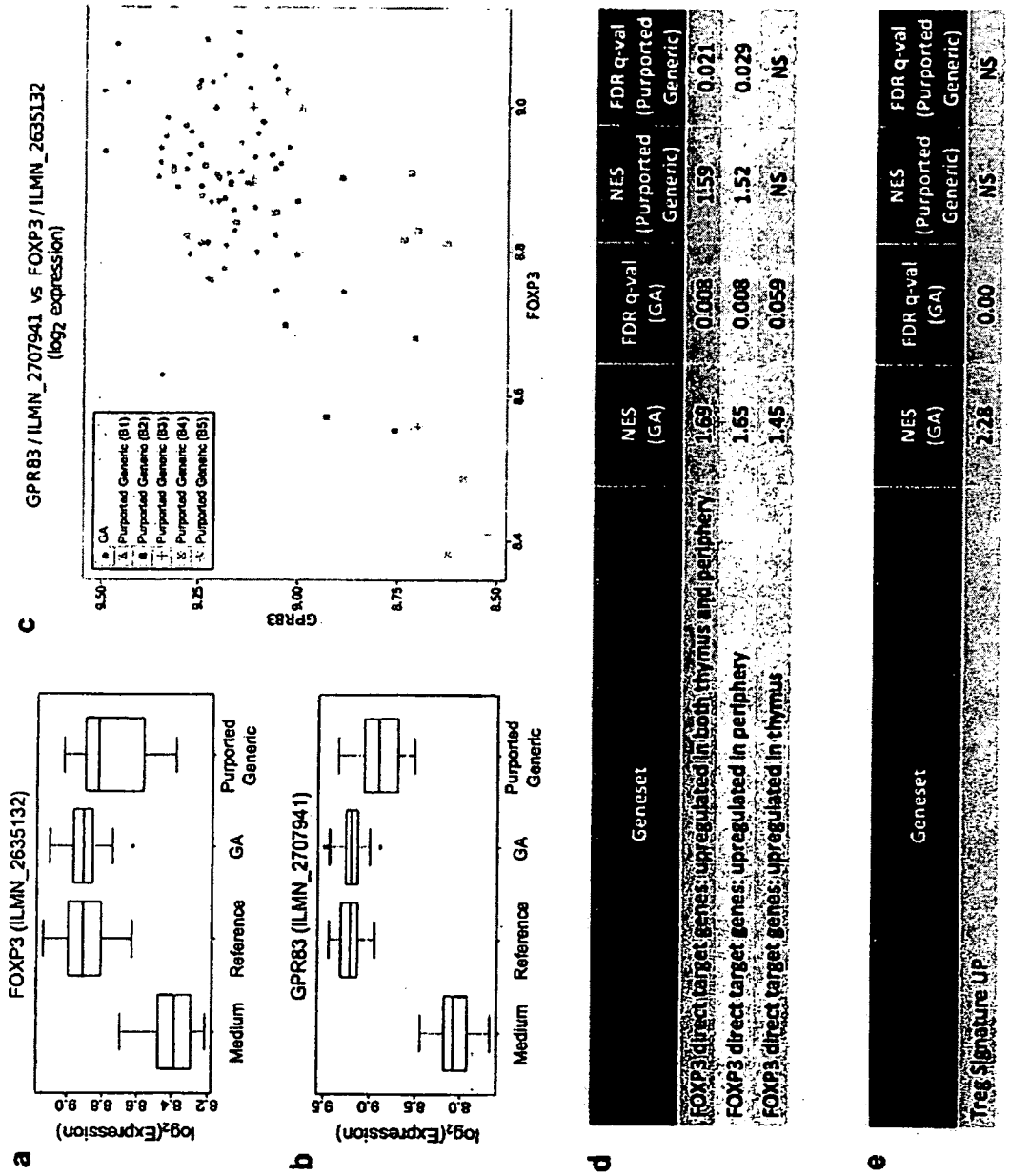
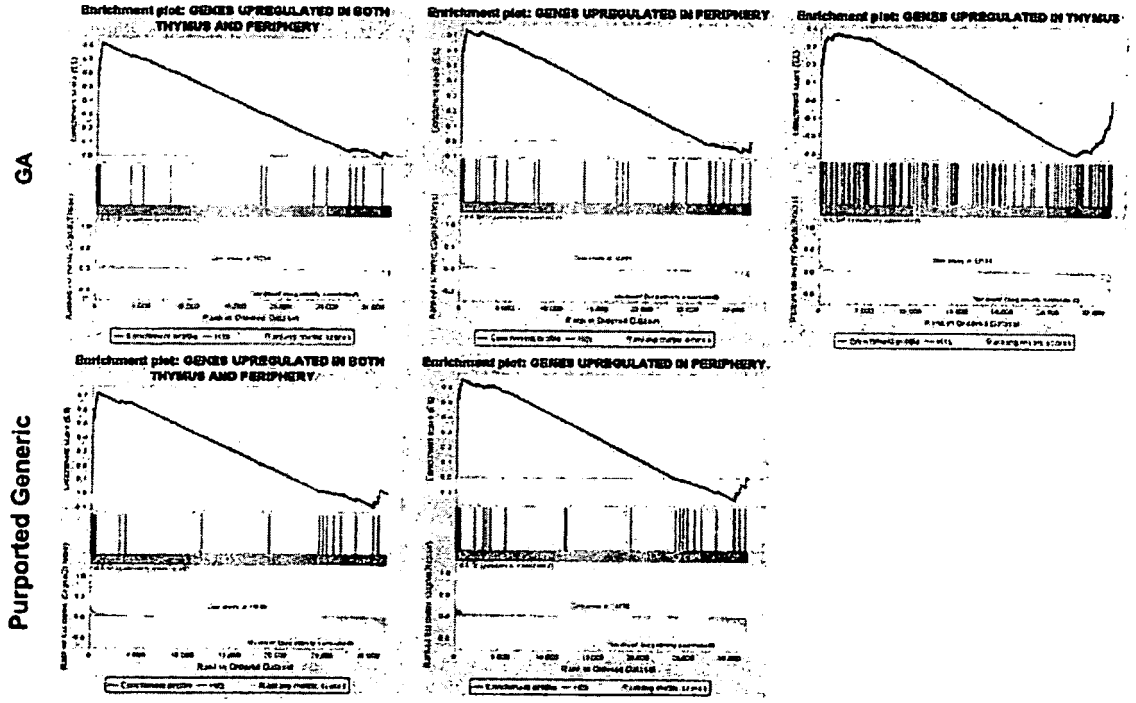


Figure 6

a

Geneset	NES (GA)	FDR q-val (GA)	NES (Purported Generic)	FDR q-val (Purported Generic)
FOXP3 direct target genes: upregulated in both thymus and periphery	1.69	0.008	1.59	0.021
FOXP3 direct target genes: upregulated in periphery	1.65	0.008	1.52	0.029
FOXP3 direct target genes: upregulated in thymus	1.45	0.059	NS	NS



b

Geneset	NES (GA)	FDR q-val (GA)	NES (Purported Generic)	FDR q-val (Purported Generic)
Treg Signature UP	2.28	0.00	NS	NS

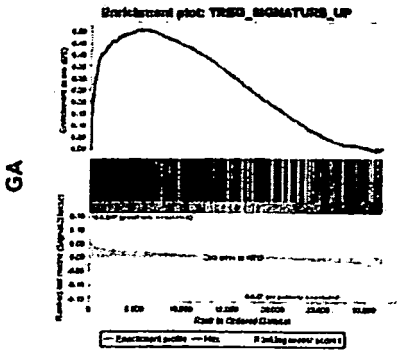


Figure 7

SHEET 8/16

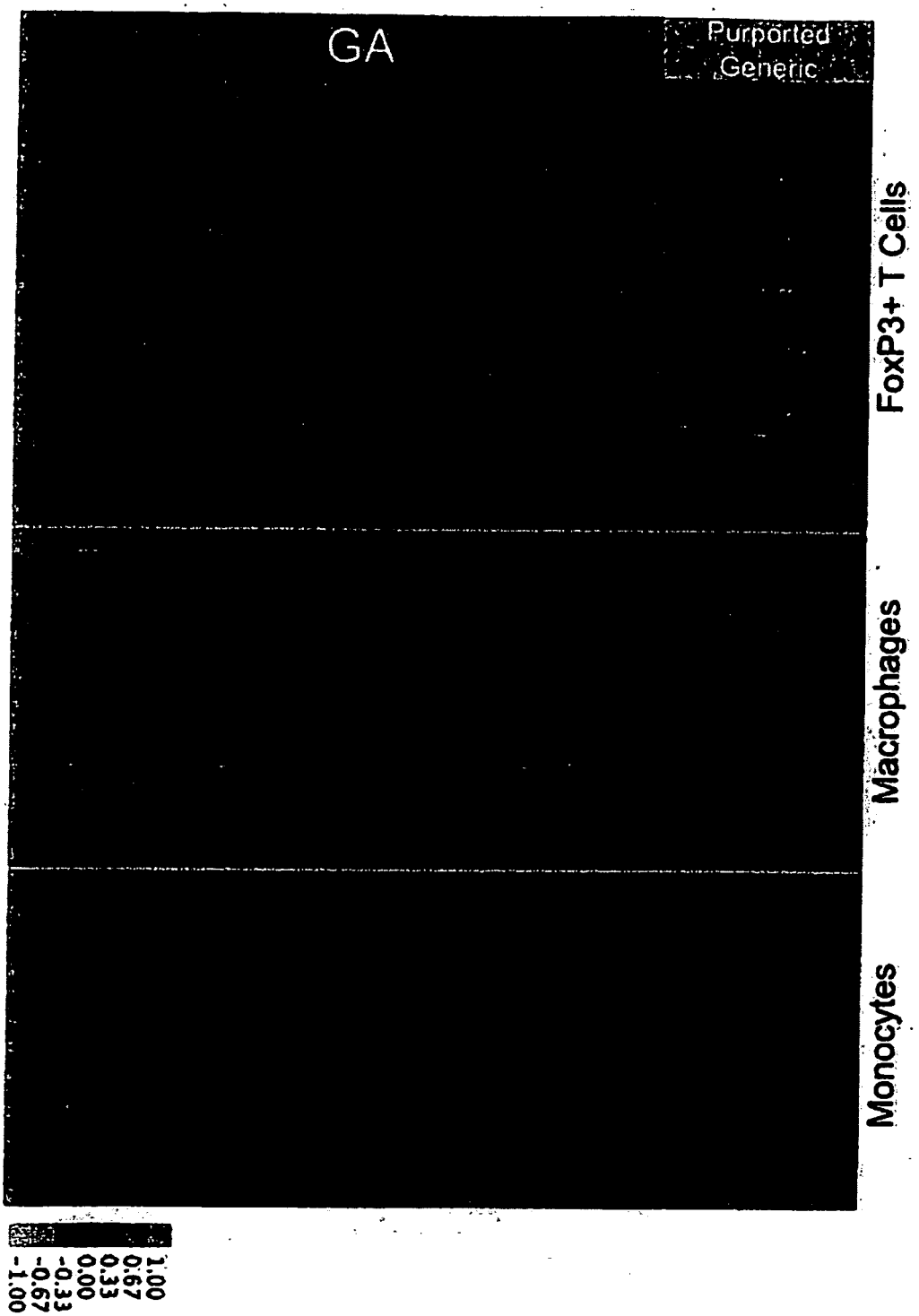
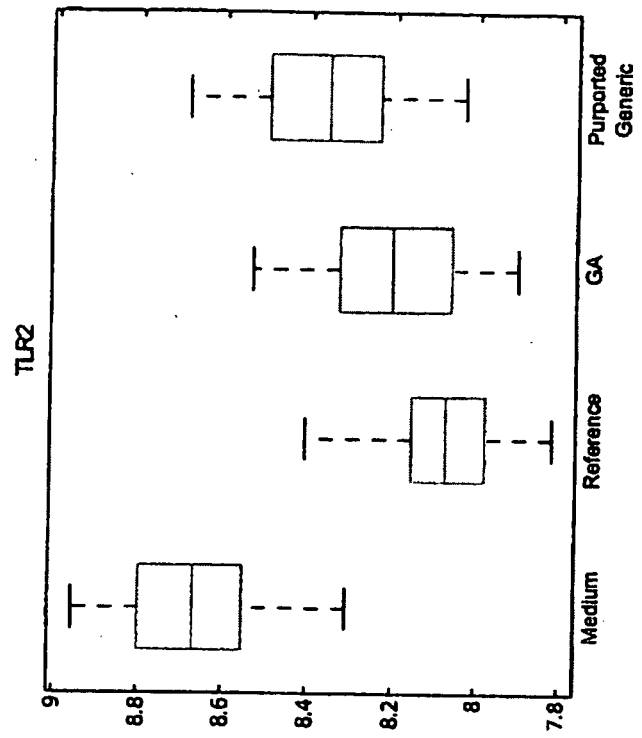


Figure 8


TLR2
9
8.8
8.6
8.4
8.2
8
7.8
Medium
Reference
GA
Purported Generic

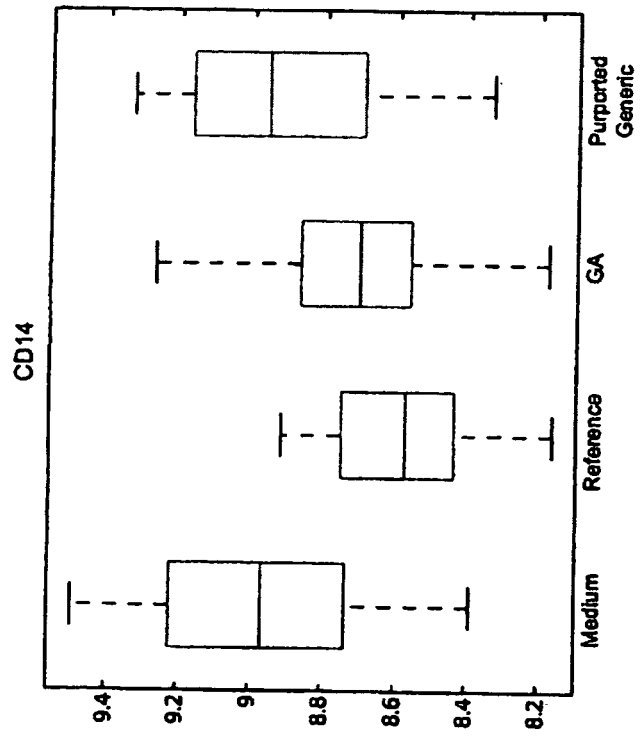
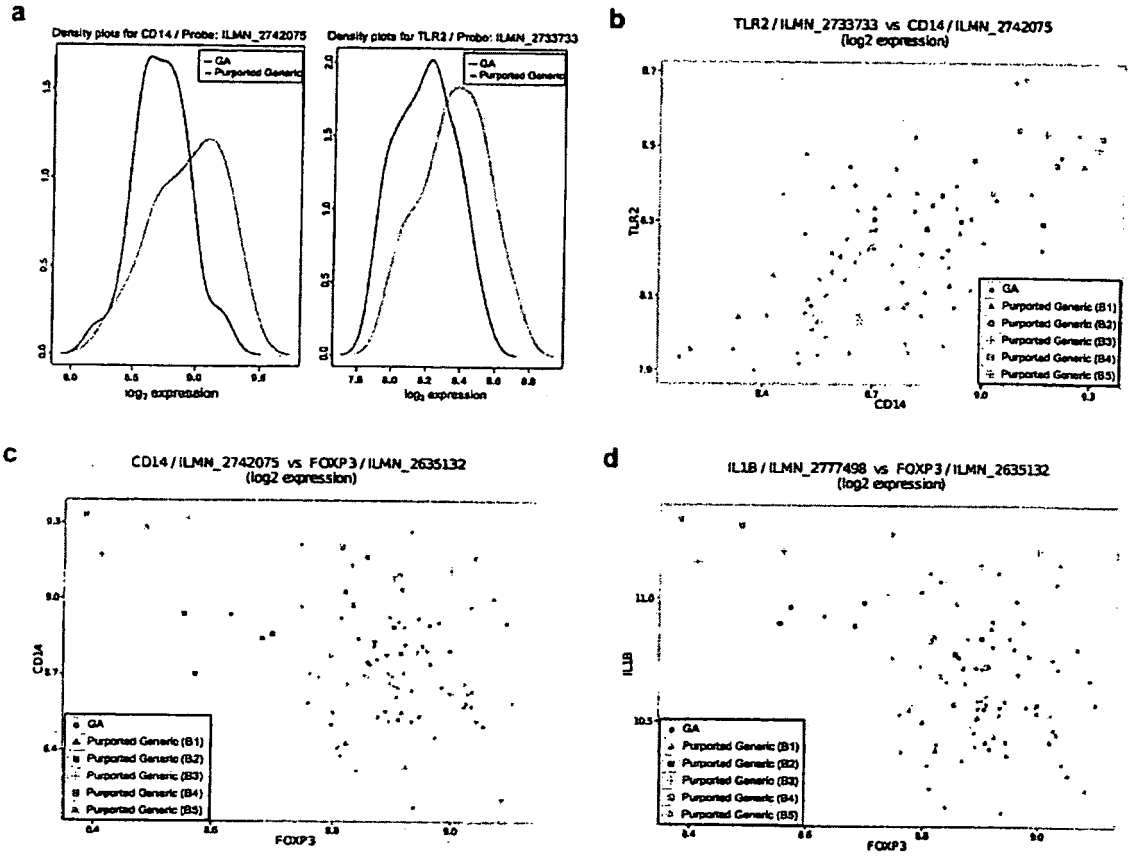

CD14
9.4
9.2
9
8.8
8.6
8.4
8.2
Medium
Reference
GA
Purported Generic

Figure 9



e

Geneset	NES (GA)	FDR q-val (GA)	NES (Purported Generic)	FDR q-val (Purported Generic)
MACROPHAGE_SIGNATURE_UP	NS	NS	-1.77	0.011
MONOCYTE_SIGNATURE_UP	N	NS	-1.64	0.018

Figure 10

SHEET 11/16

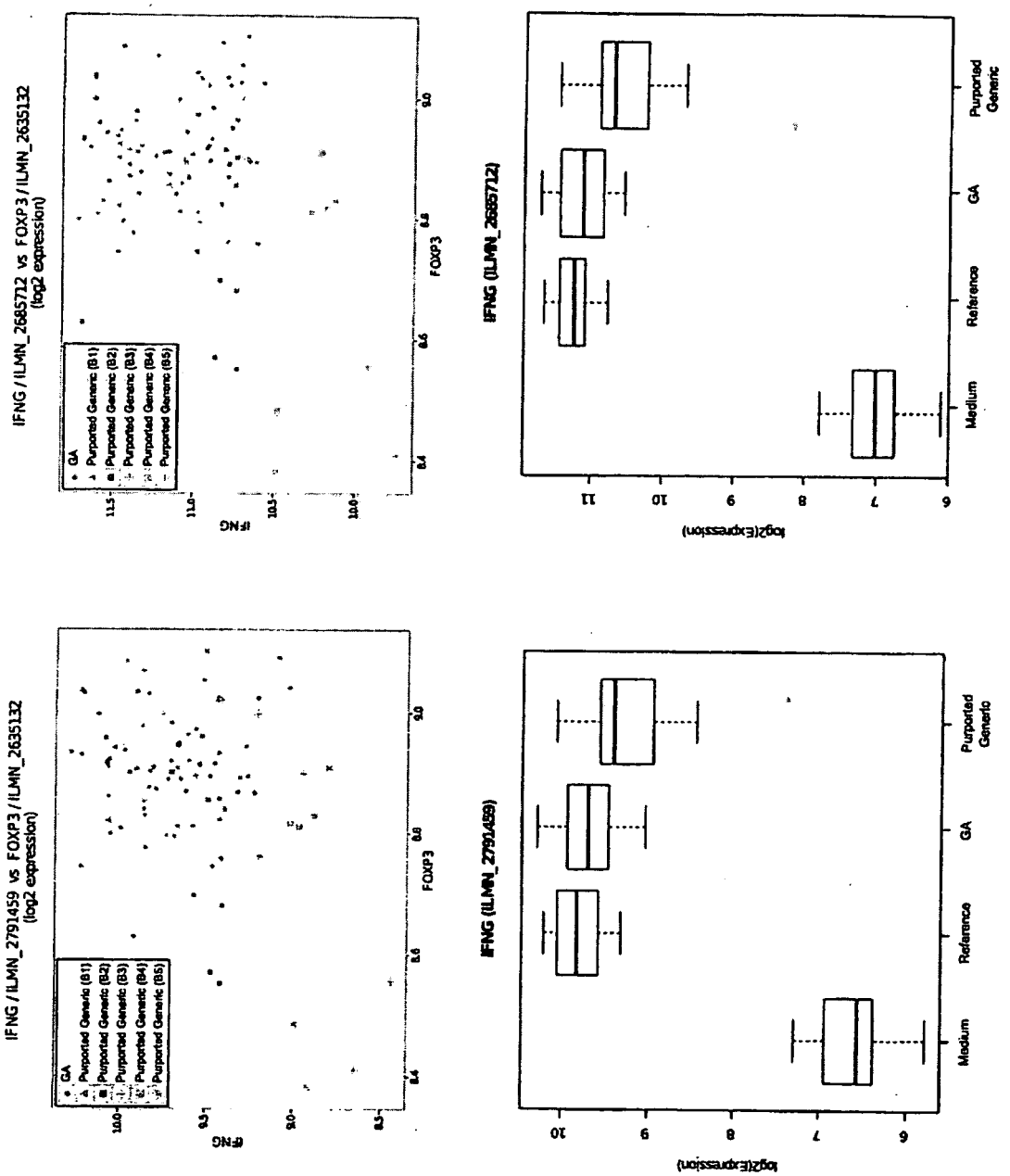


Figure 11

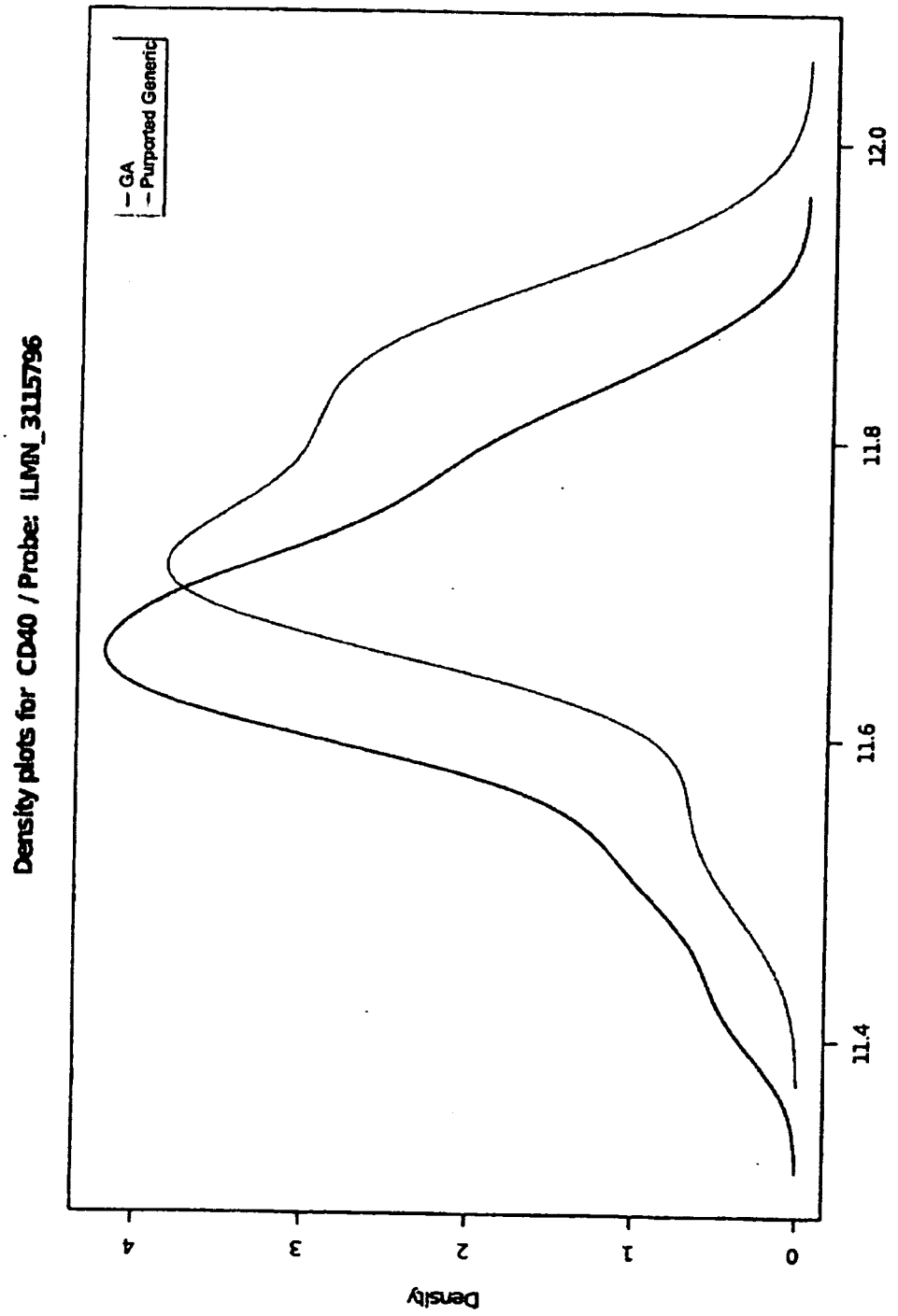

Density plots for CD40 / Probe: ILMN_3115796
GA
Purported Generic
Density
0
1
2
3
4
11.4
11.6
11.8
12.0

Figure 12

SHEET 13/16

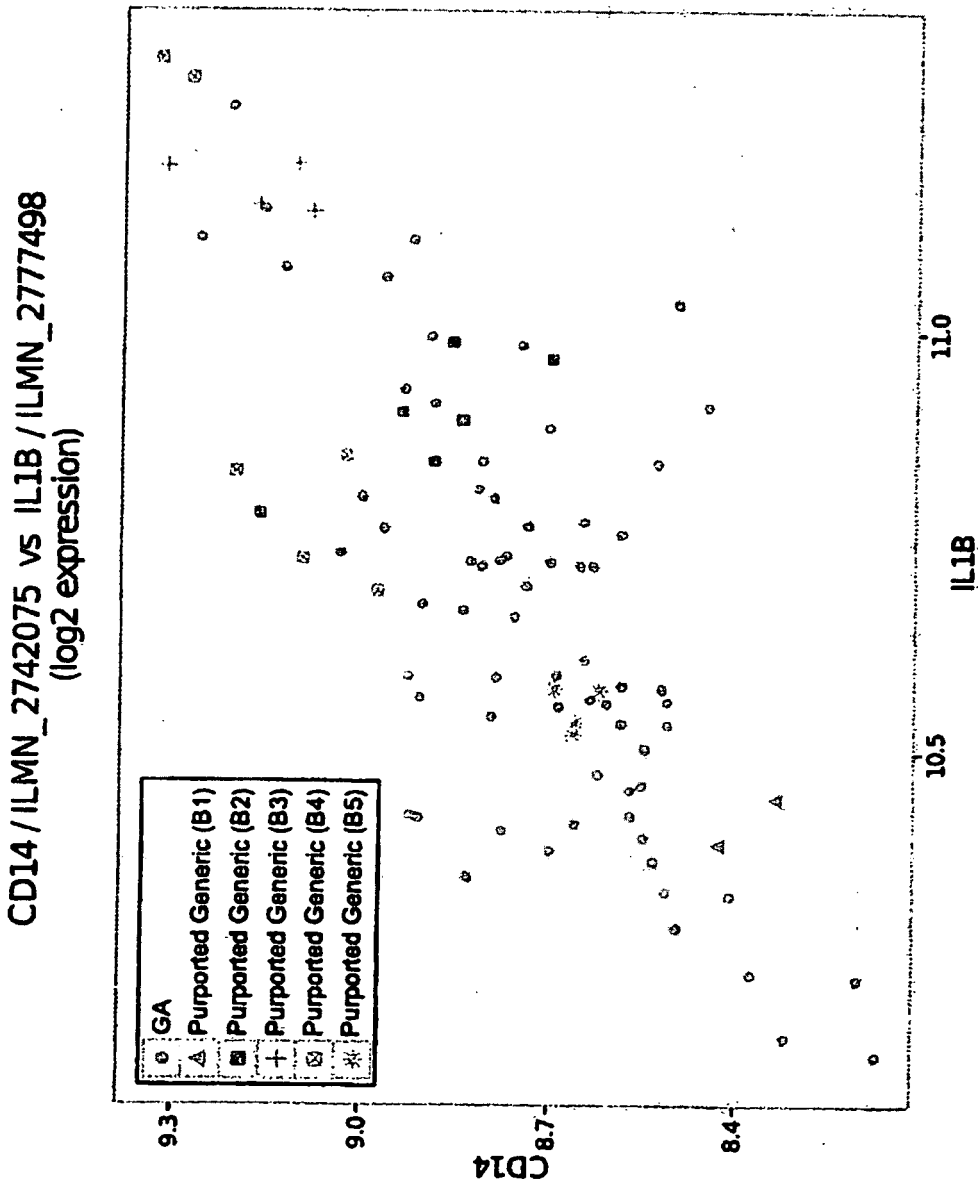


Figure 13

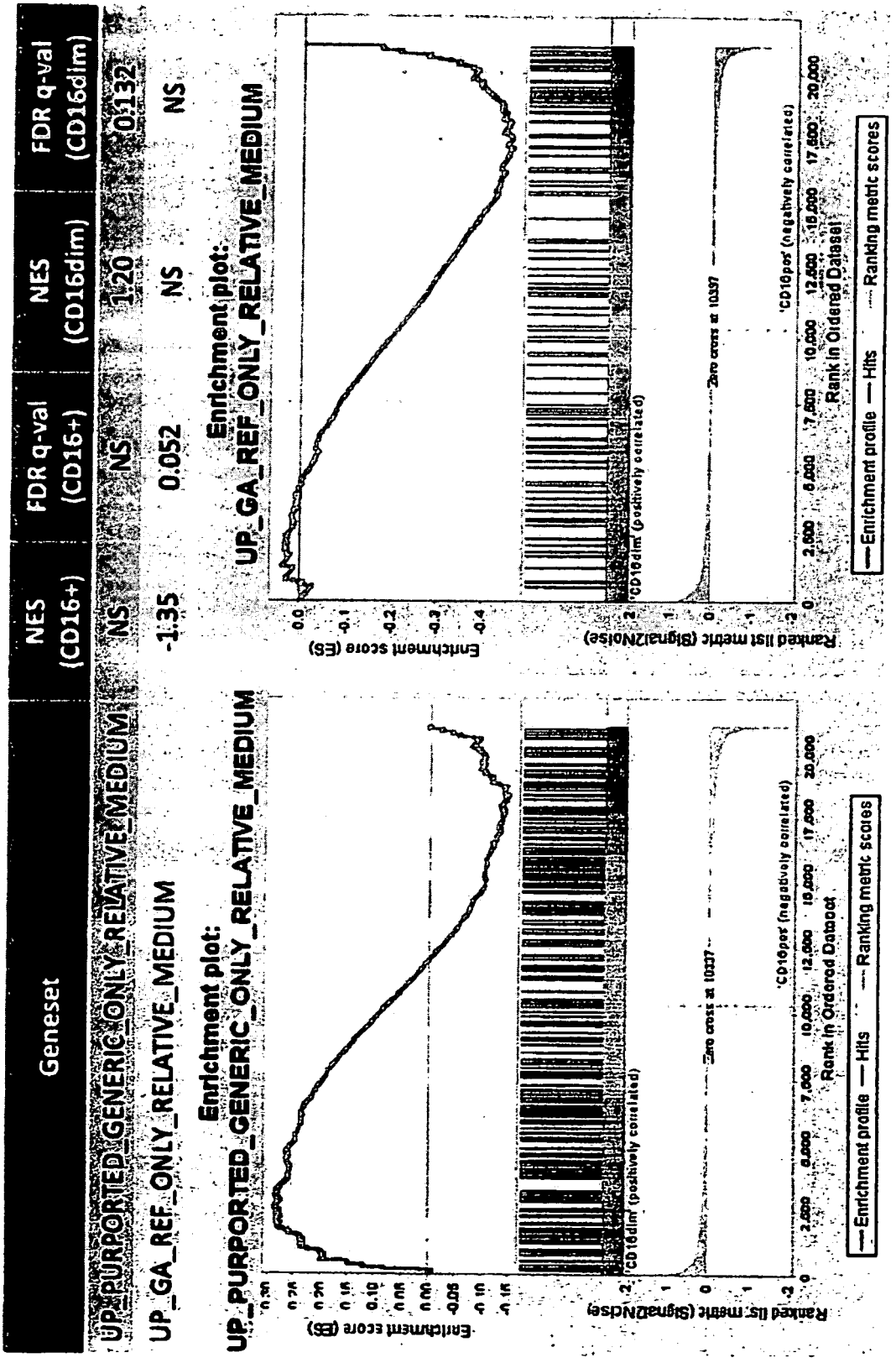

Geneset
NES (CD16+)
FDR q-val (CD16+)
NES (CD16dim)
FDR q-val (CD16dim)
UP_PURPORTED_GENERIC_ONLY_RELATIVE_MEDIUM
NS
NS
1.20
0.0132
UP_GA_REF_ONLY_RELATIVE_MEDIUM
-1.35
0.052
NS
NS
Enrichment plot:
UP_PURPORTED_GENERIC_ONLY_RELATIVE_MEDIUM
Enrichment score (ES)
Ranked list metric (Signal2Noise)
'CD16dim' (positively correlated)
Zero cross at 10337
'CD16pos' (negatively correlated)
Rank in Ordered Dataset
Enrichment profile
Hits
Ranking metric scores
Enrichment plot:
UP_GA_REF_ONLY_RELATIVE_MEDIUM
Enrichment score (ES)
Ranked list metric (Signal2Noise)
'CD16dim' (positively correlated)
Zero cross at 10337
'CD16pos' (negatively correlated)
Rank in Ordered Dataset
Enrichment profile
Hits
Ranking metric scores

Figure 14

SHEET 15/16

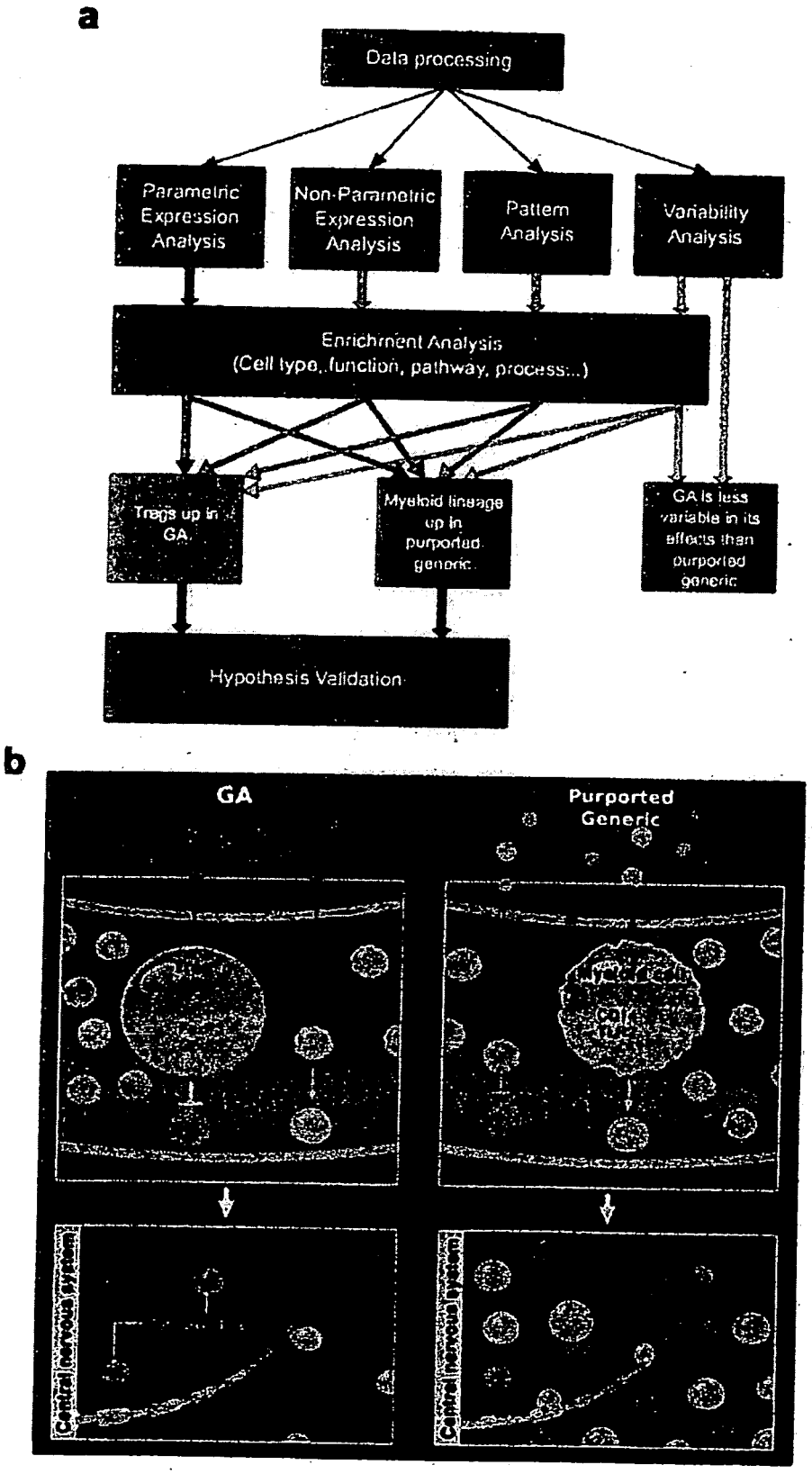
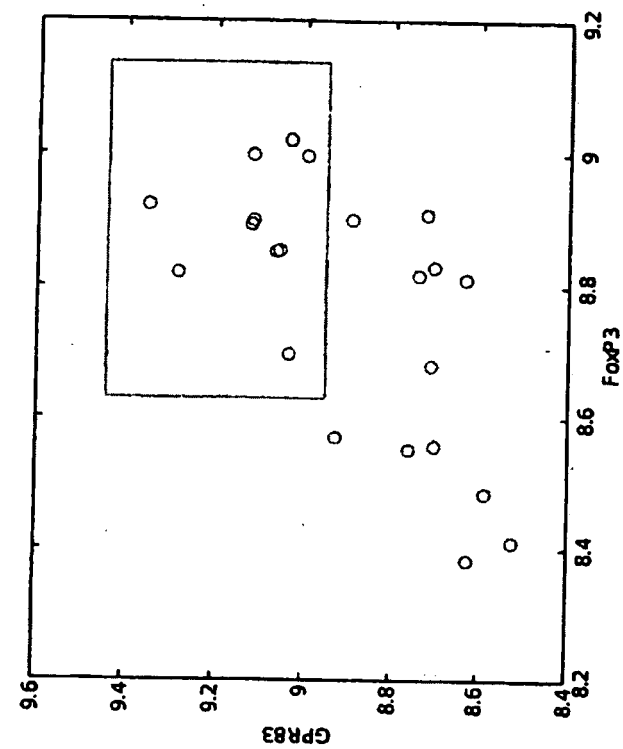
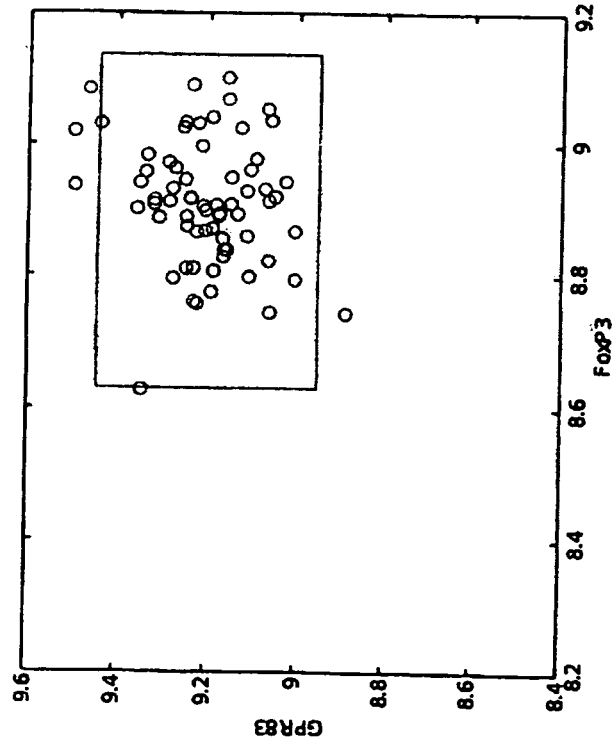


Figure 15



Purported Generic



GA

Figure 16