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**Obese and Lean Subjects Cluster Apart from
Each Other Based on Gene Expression Patterns**

BMI ≤ 25 : n=15, range = (17.5 to 24.5)

BMI > 30 : n=13, range = (30.8 to 49.1)

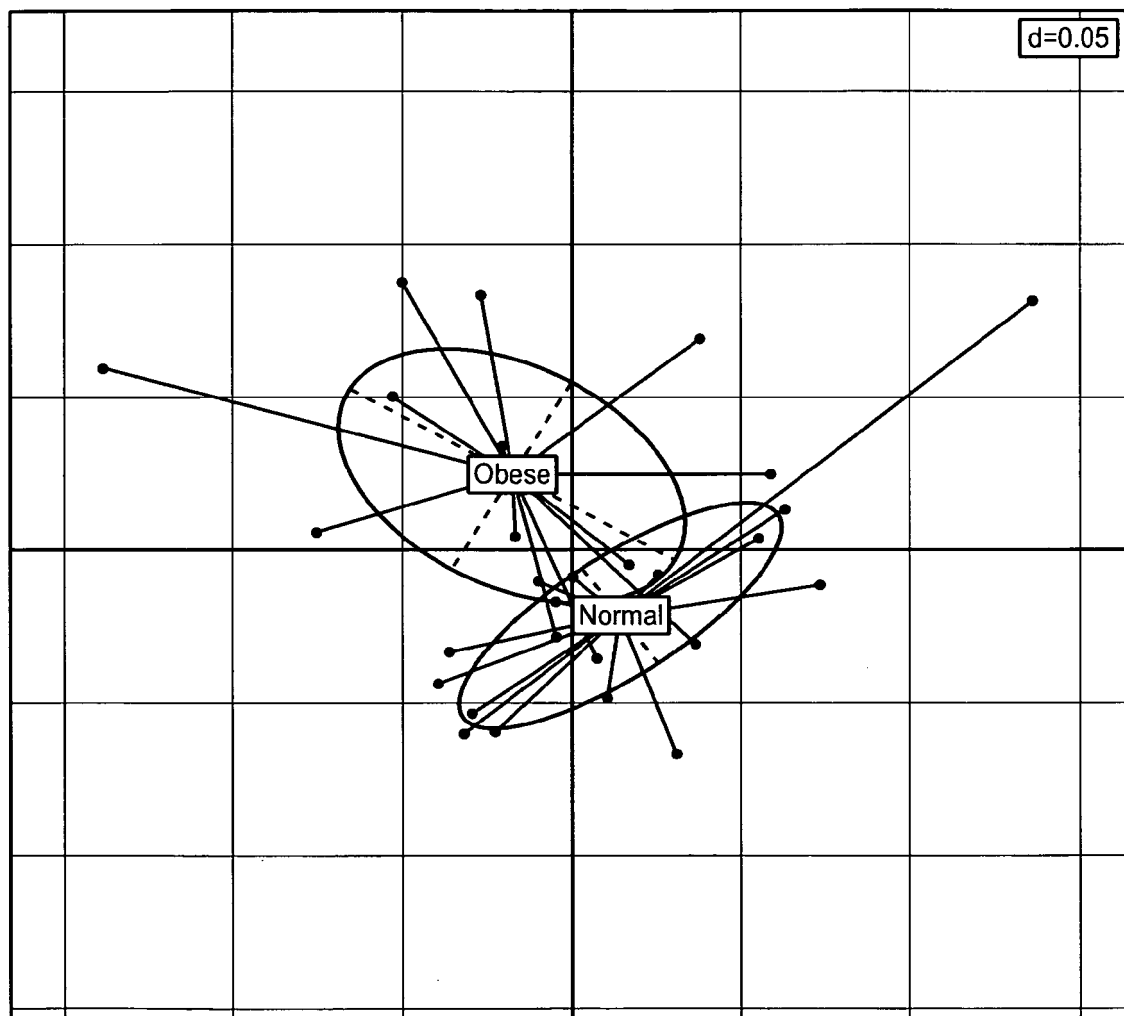


FIG. 1

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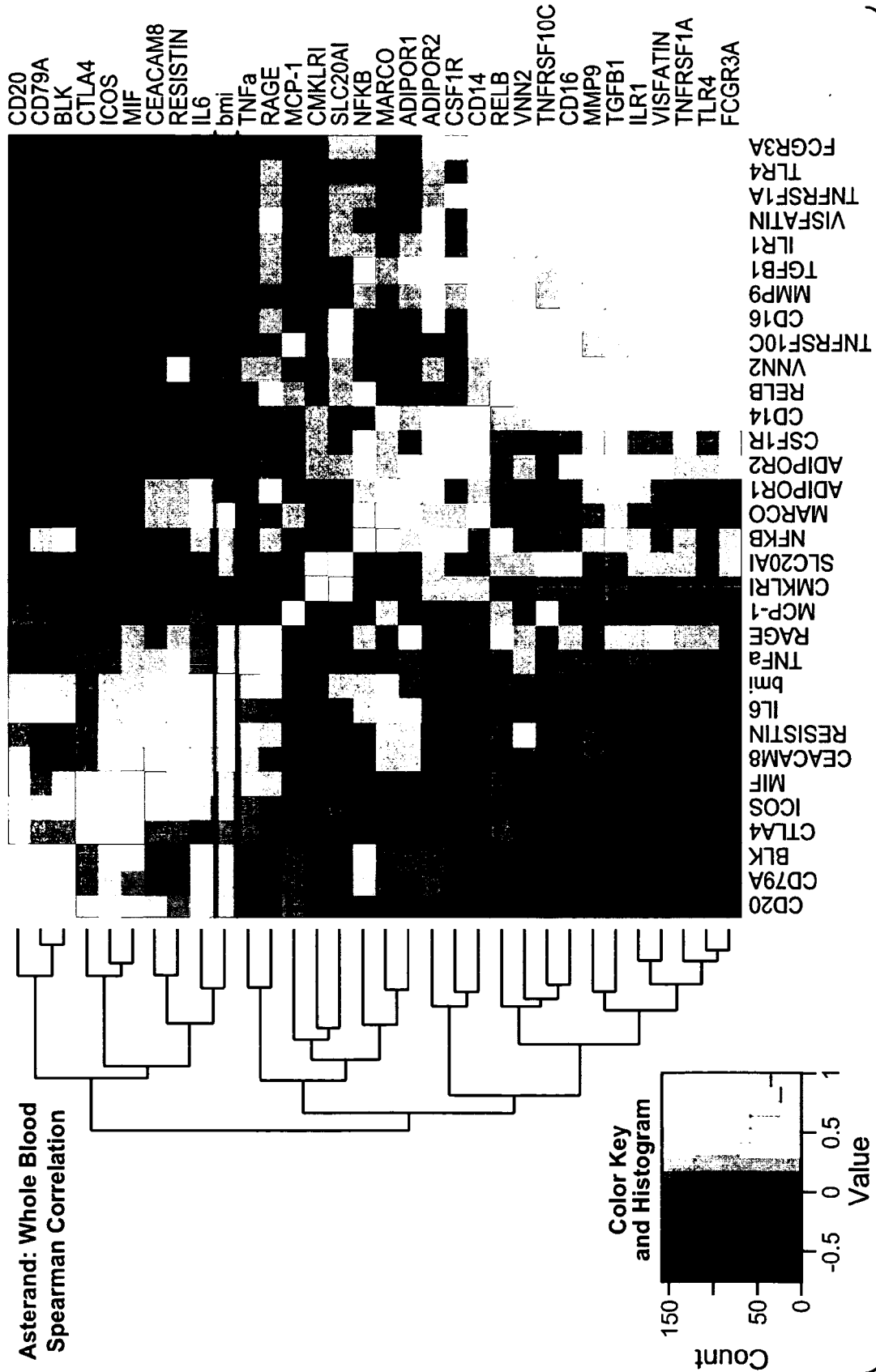
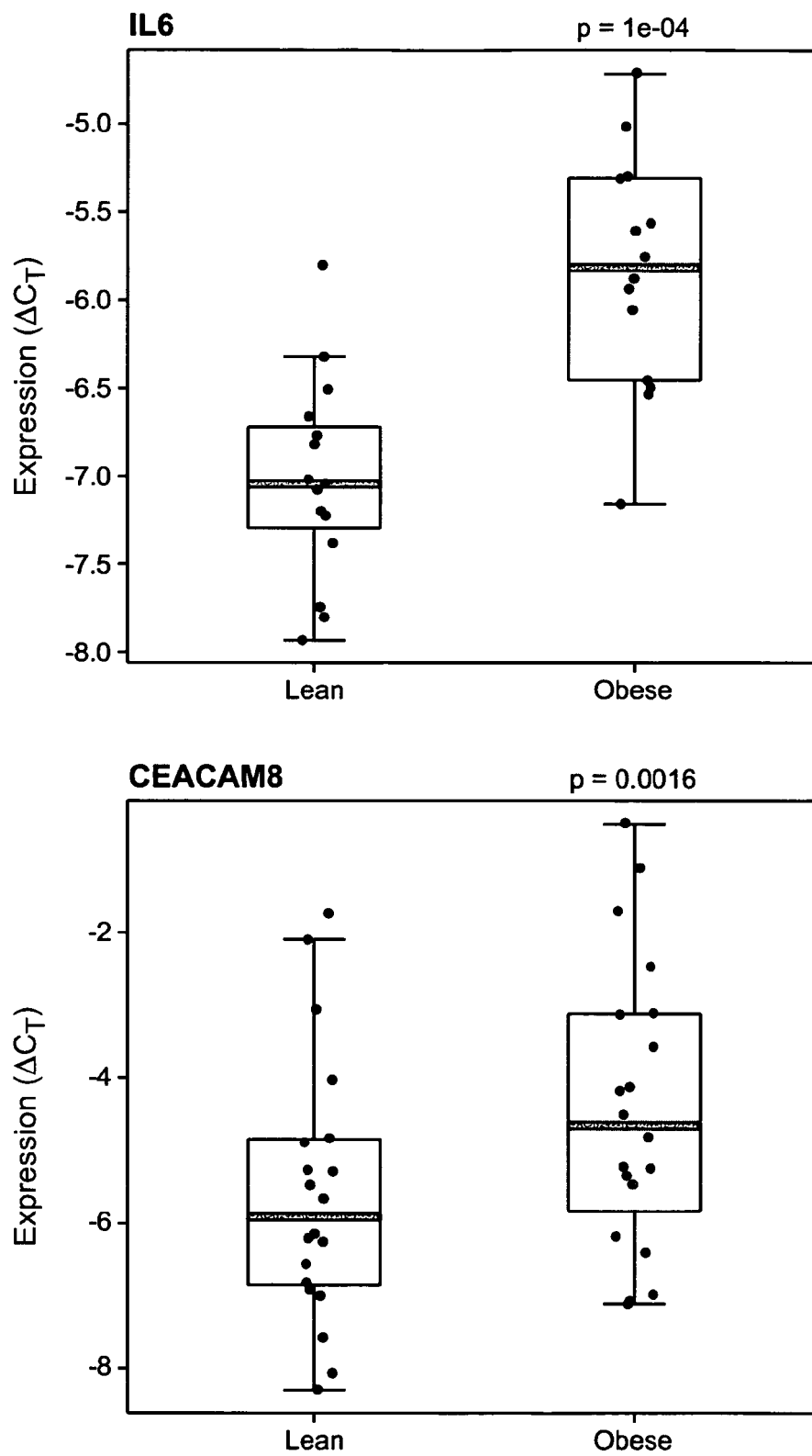
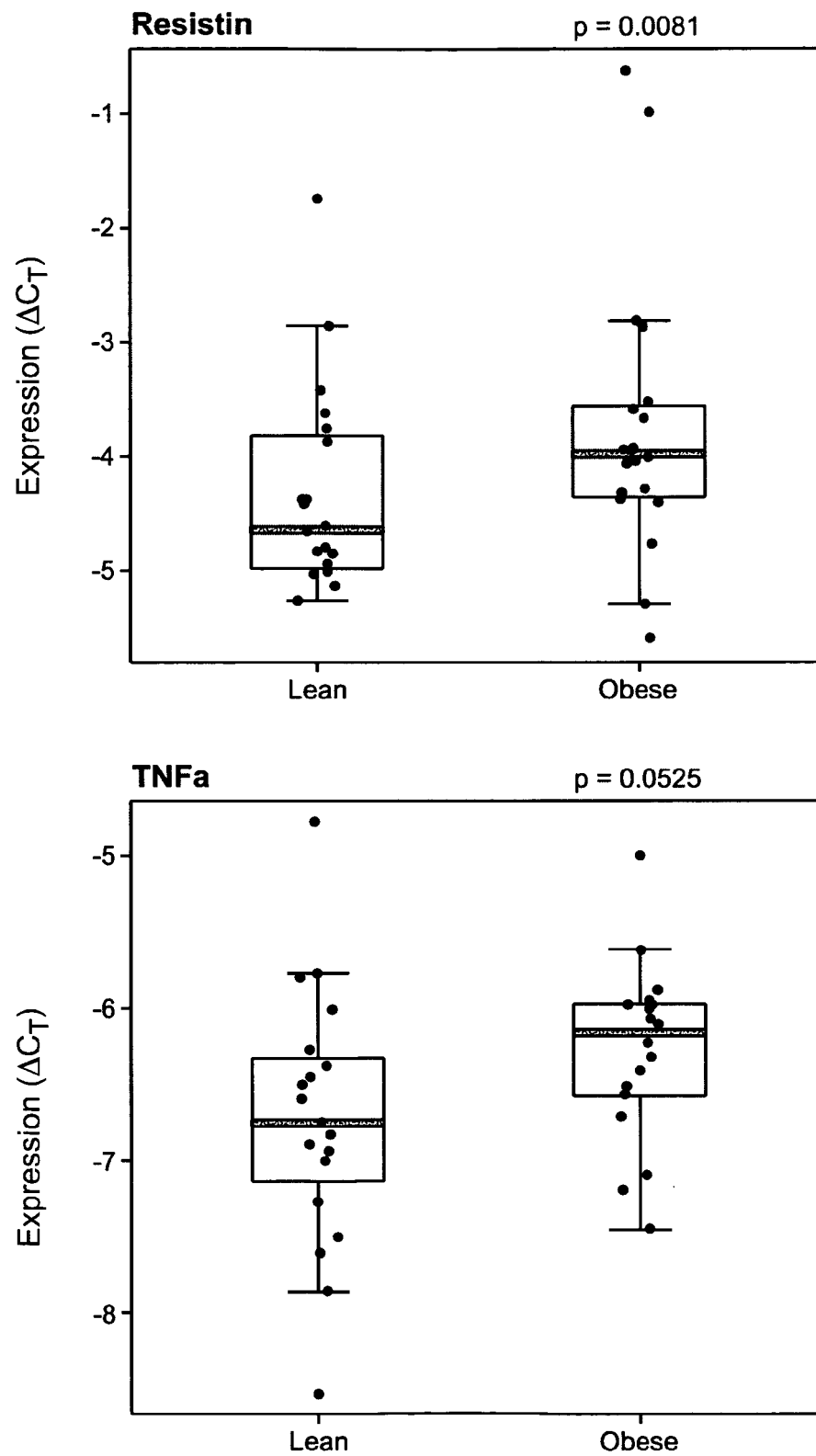


FIG. 2

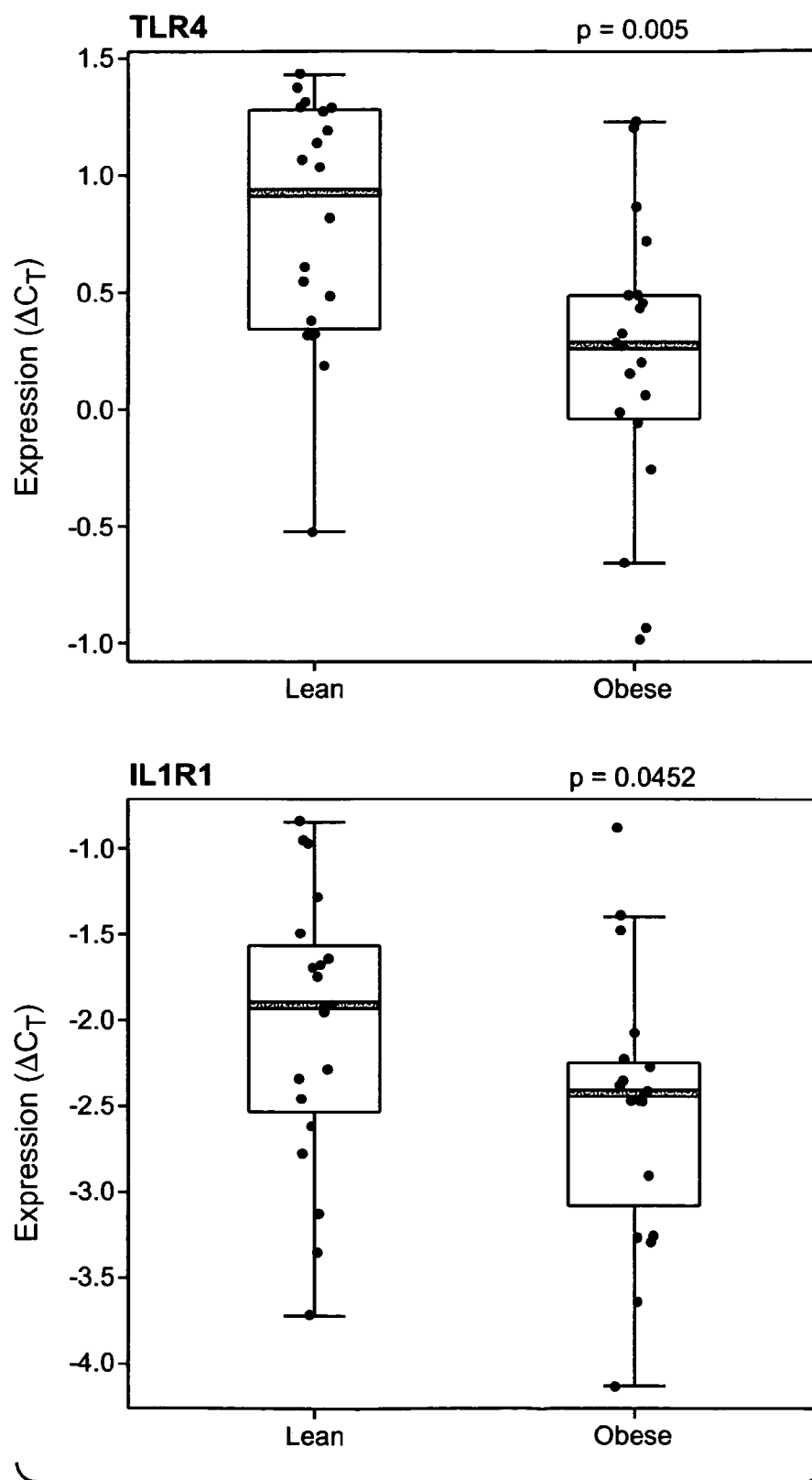
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**FIG. 3A**

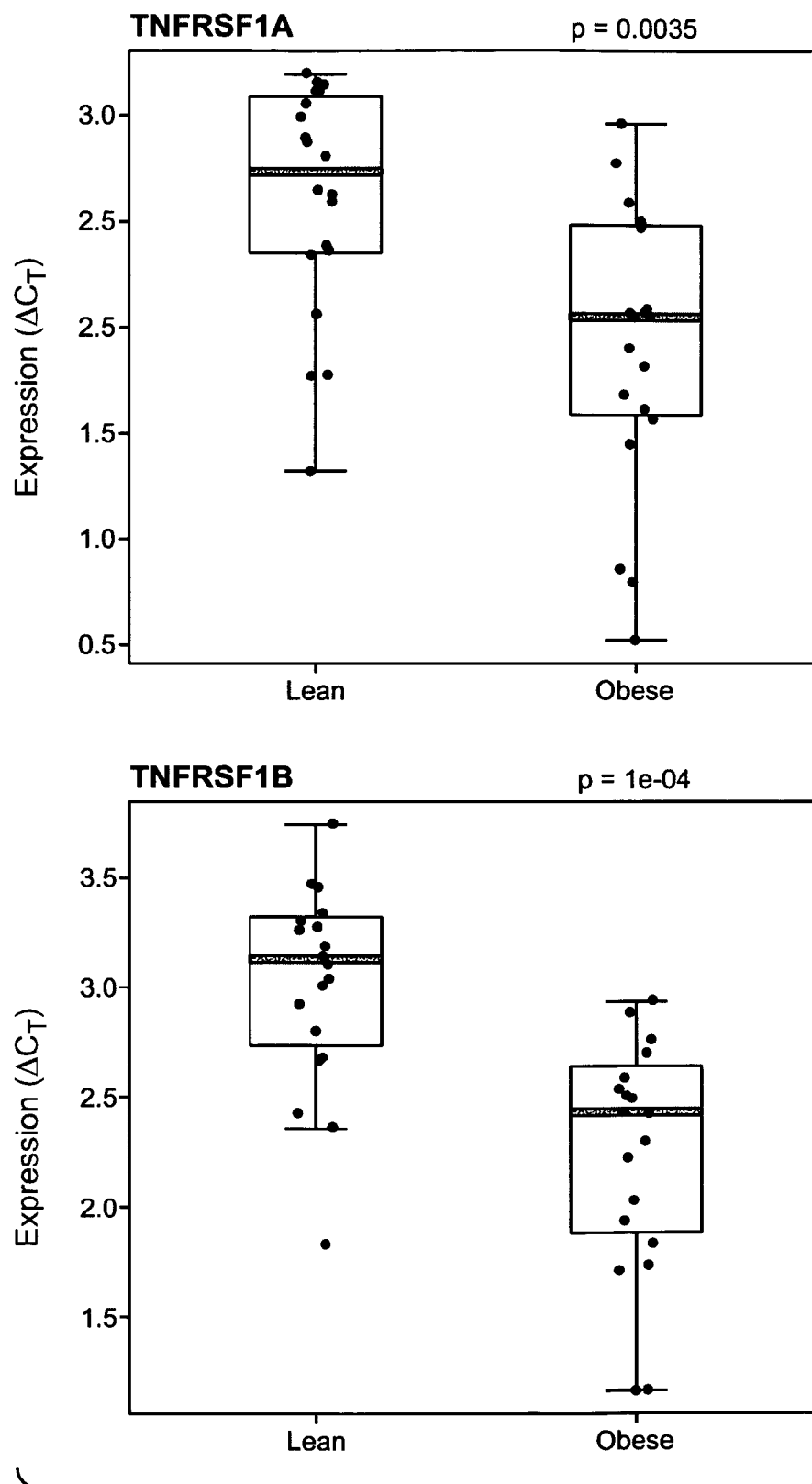
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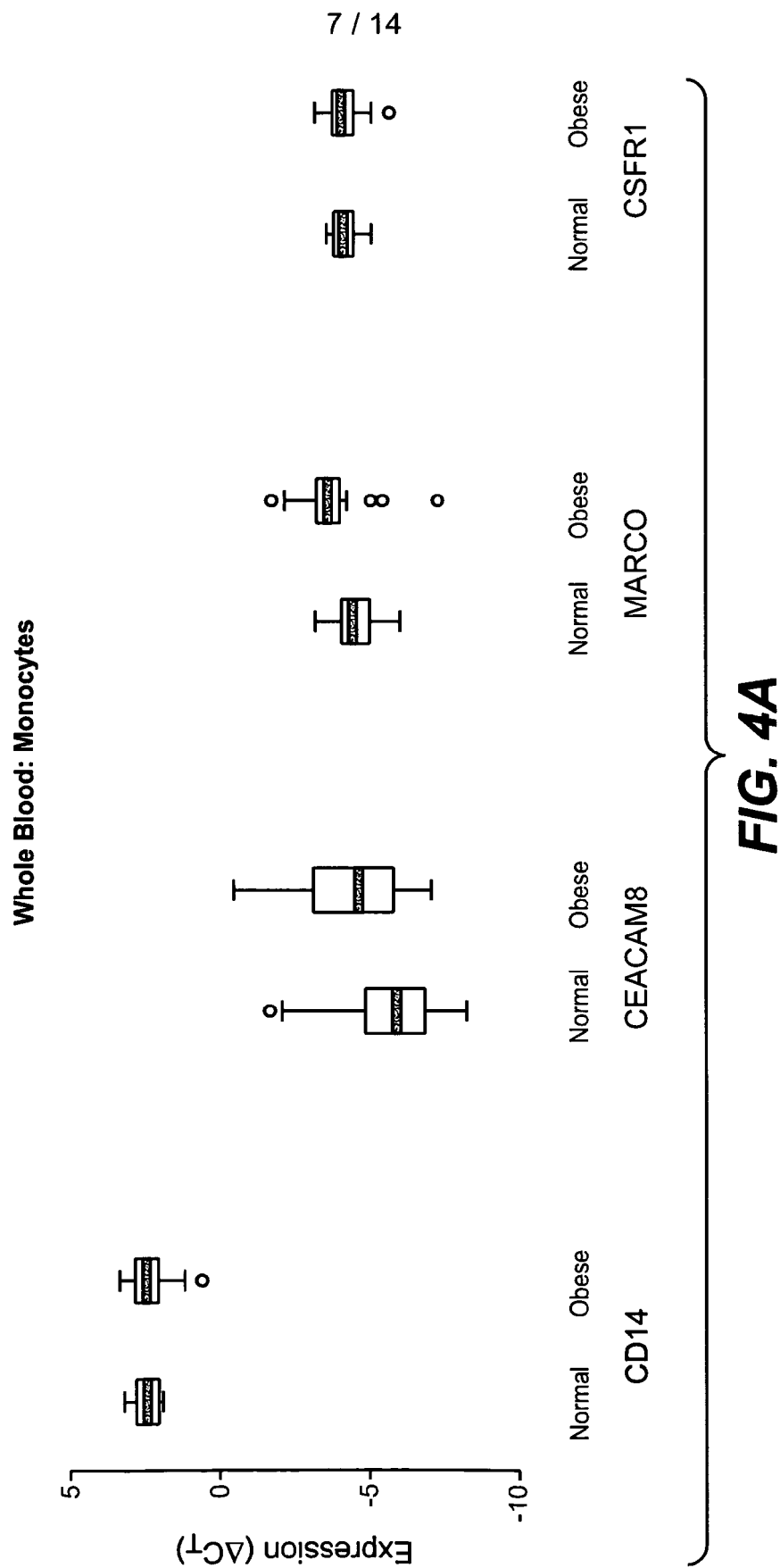
**FIG. 3B**

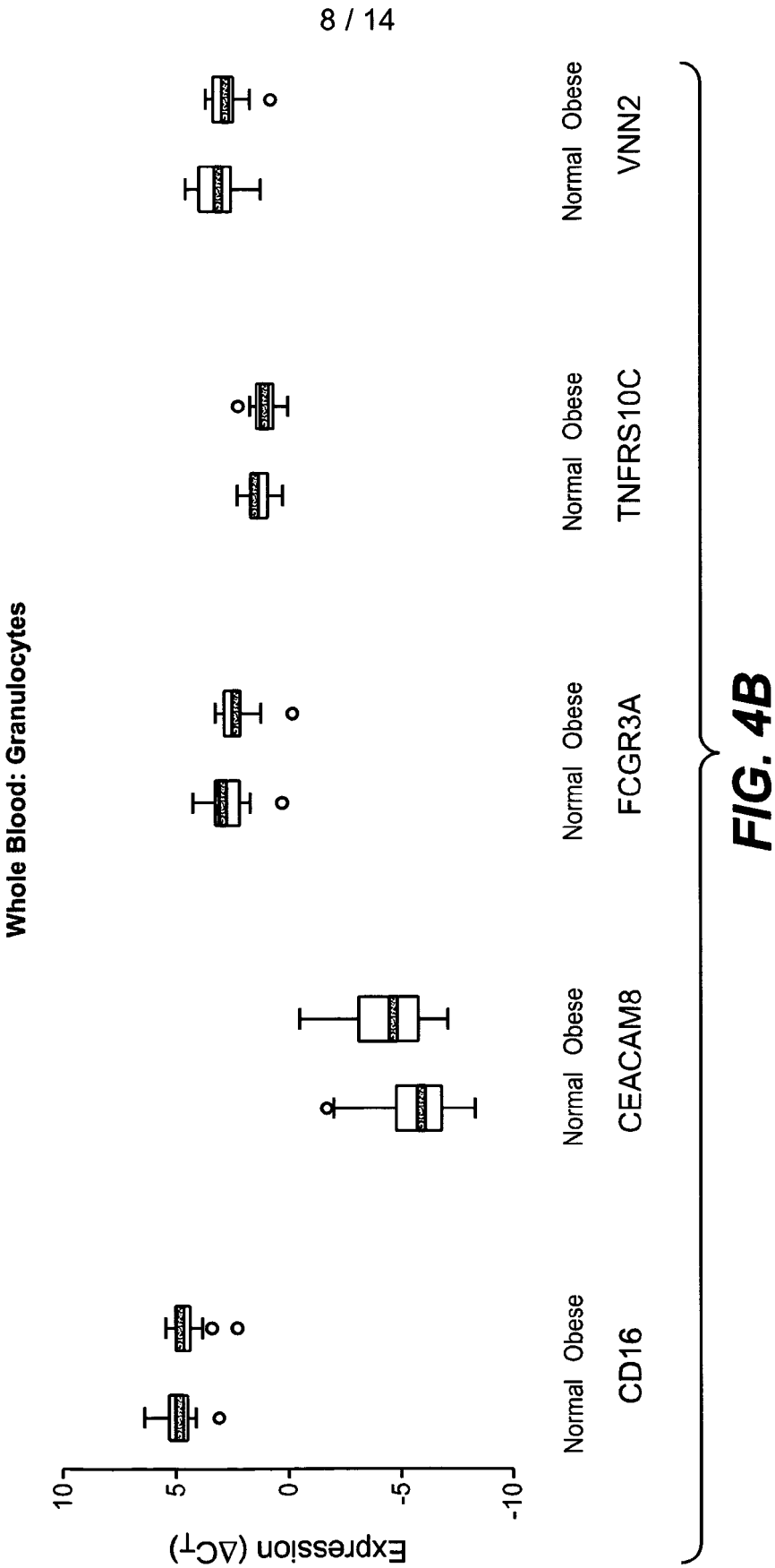
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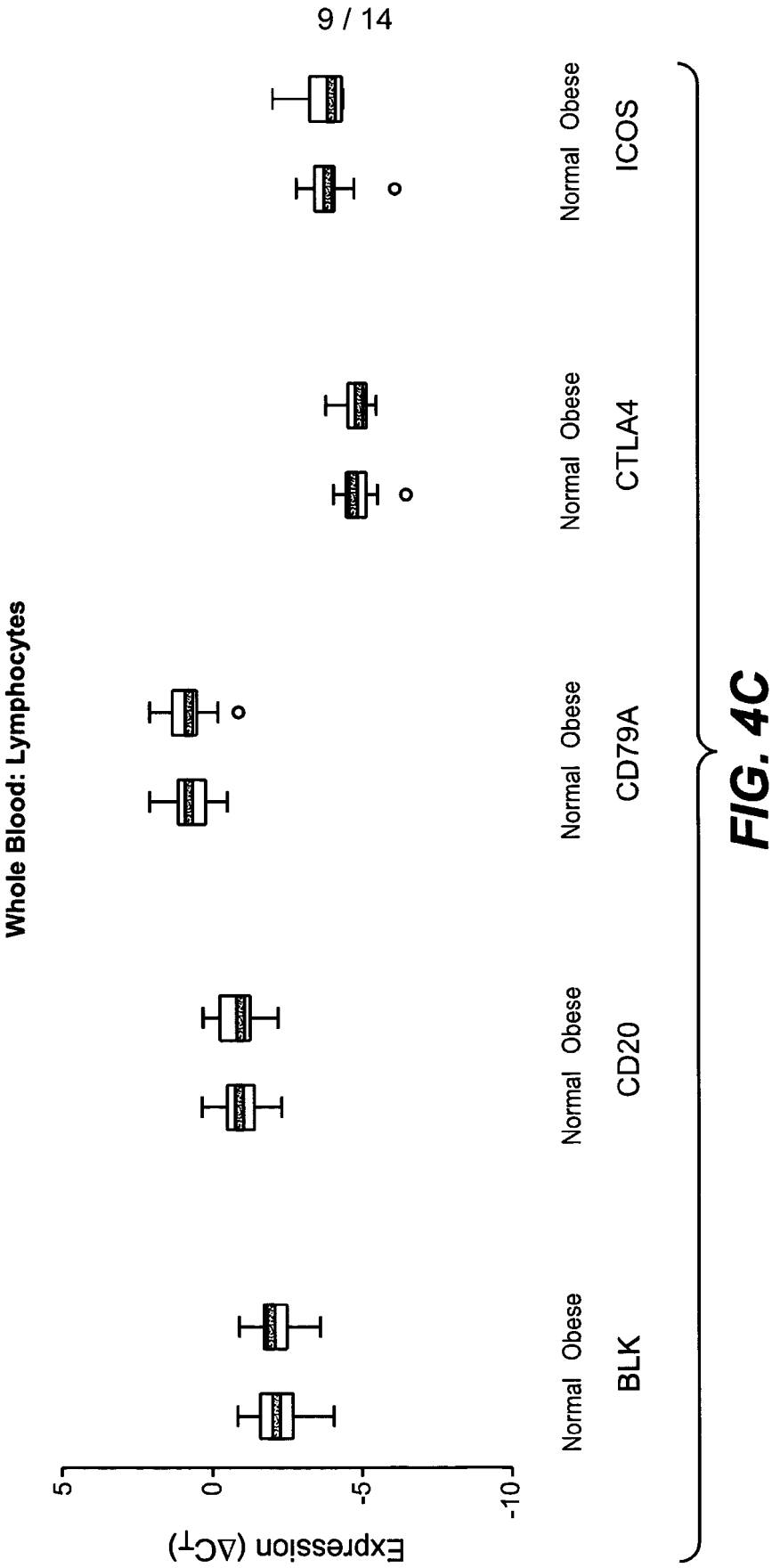


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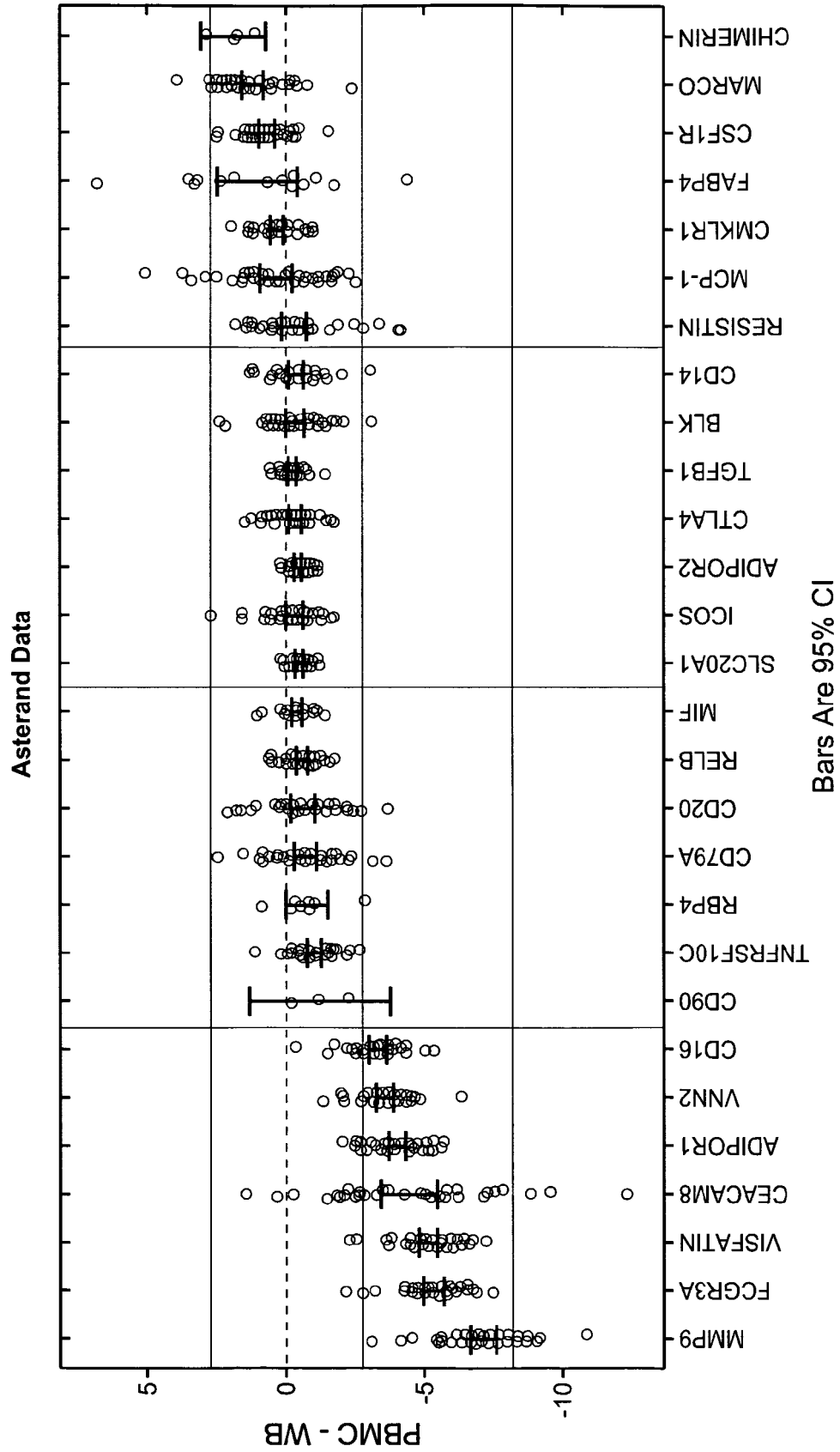
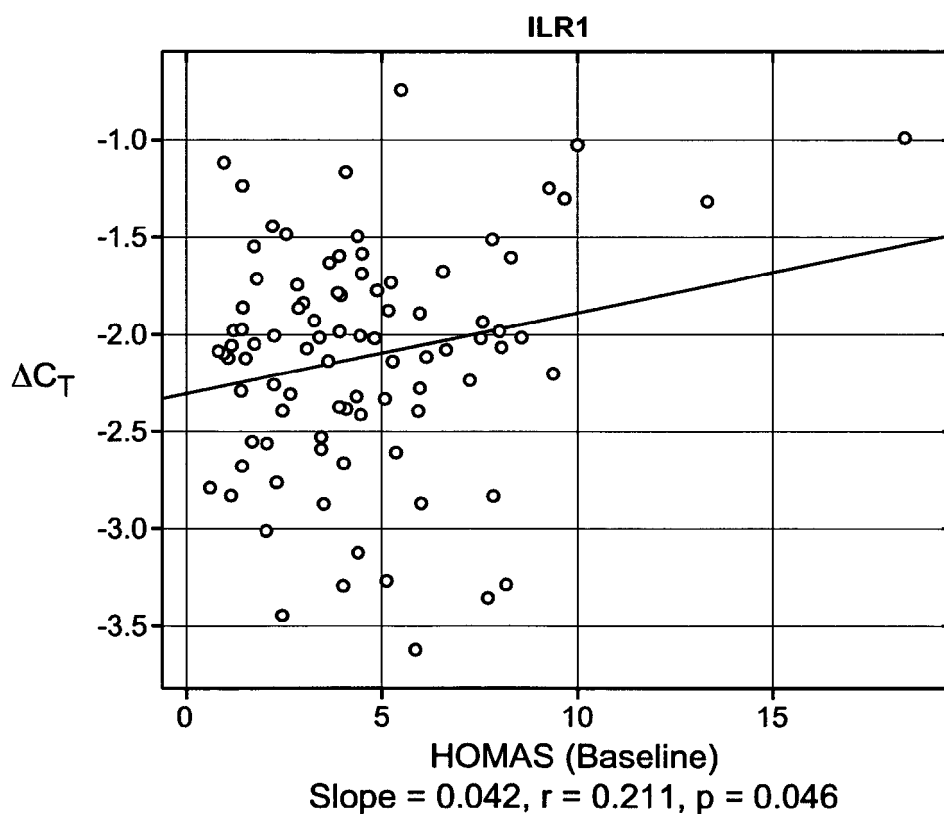


FIG. 5

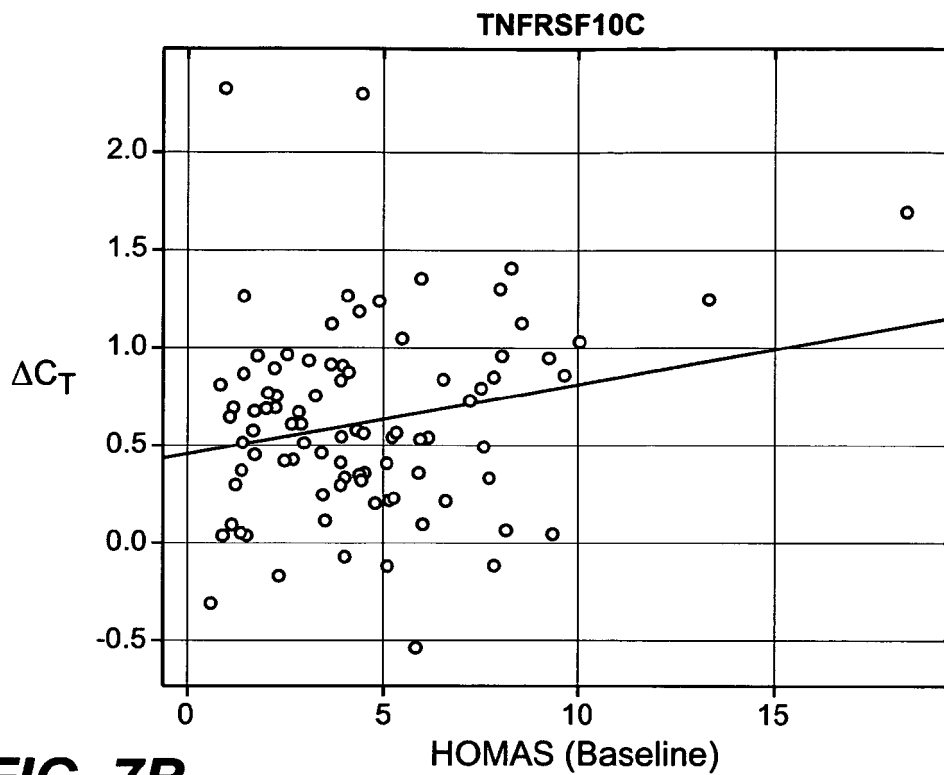
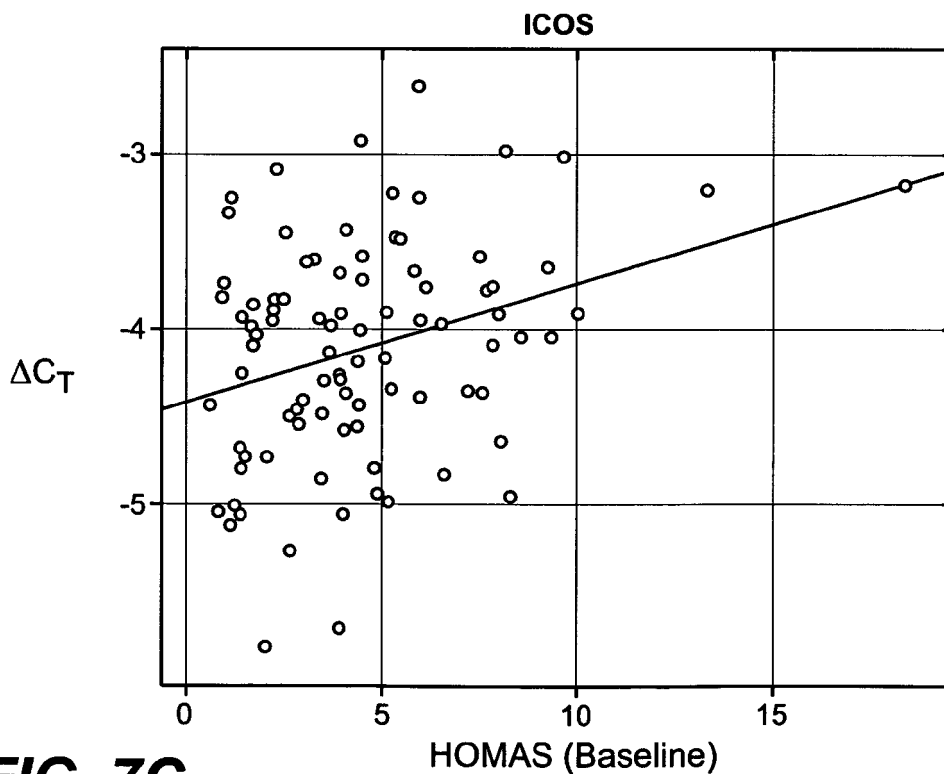
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Genes Correlated in Whole Blood and Adipose Matching Samples

Gene	Correlation Coefficient	Intercept	Slope	R Squared
FOXP3	0.57	3.81	1.34	0.32
Resistin	0.57	4.84	0.98	0.32
CTLA4	0.51	0.38	1.84	0.26
Leptin	0.34	-6.62	0.44	0.11
CD79A	0.31	7.56	0.63	0.10

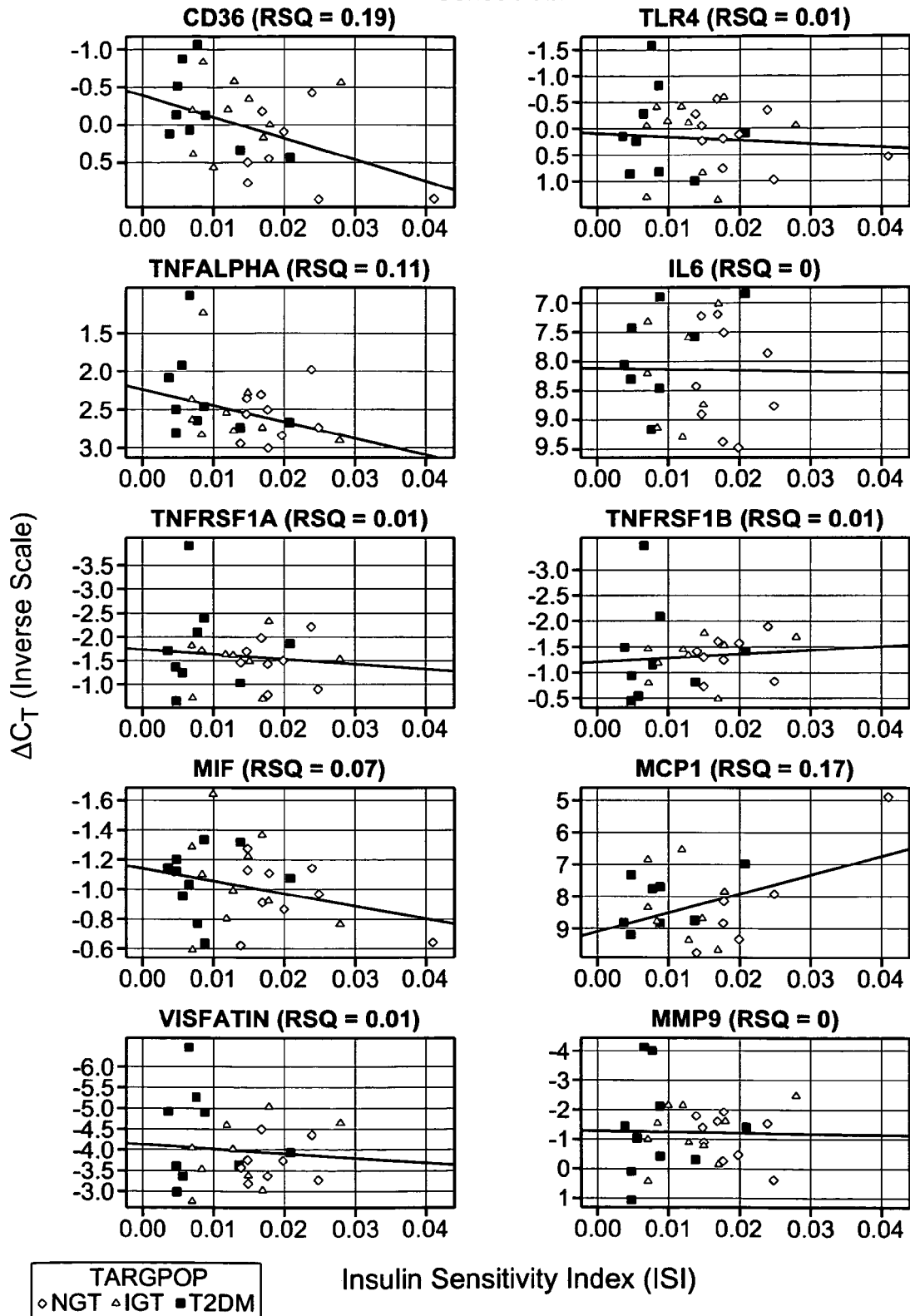
FIG. 6**FIG. 7A**

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**FIG. 7B**Slope = 0.035, $r = 0.213$, $p = 0.045$ **FIG. 7C**Slope = 0.068, $r = 0.319$, $p = 0.002$

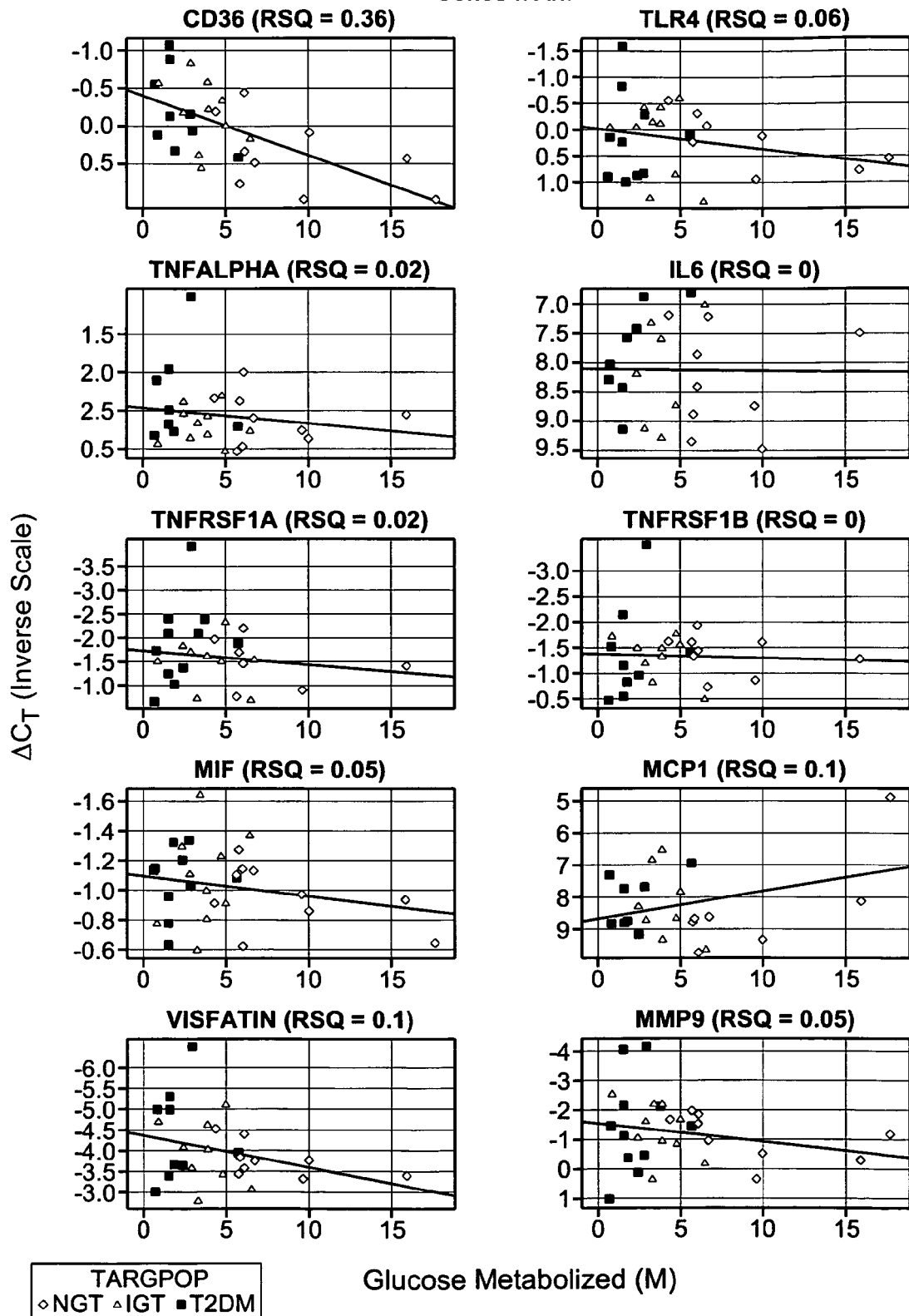
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Genes IR I/II

**FIG. 8A**

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Genes IR I/II

**FIG. 8B**