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(54) **COMPOSITIONS AND METHODS FOR
AMELIORATING HYPERLIPIDEMIA**

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(57) **ABSTRACT**

The invention provides compositions and methods for treating hyperlipidemia by administering a Microsomal Triglyceride Transfer Protein (MTP) inhibitor in combination with a Liver Fatty Acid-Binding Protein (L-FABP) inhibitor, methods of preventing the development of hepatic steatosis, methods of identifying an agent useful for treating hyperlipidemia, and methods of screening for inhibitors of MTP and L-FABP activity. Also provided are pharmaceutical compositions comprising a MTP inhibitor and a L-FABP inhibitor.

MTP-DR1 (-51/-39) : CTGACCTT-TCCCCTATA
LFABP-DR1 (-67/-55) : CTGACCTATGGCCTATA

FIG. 1A MTP-DR1 (-51/-39): CIGACCTTTCCCCCIATA
LFABP-DR1 (-67/-55): CTGACCTATGGGCCITATA

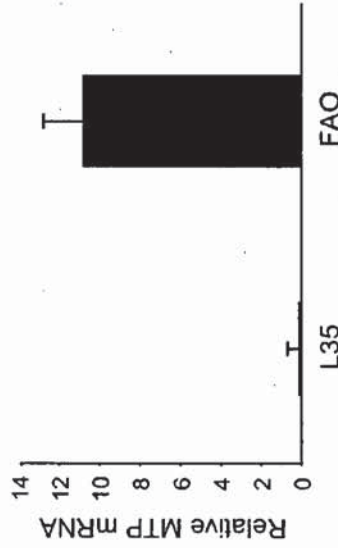
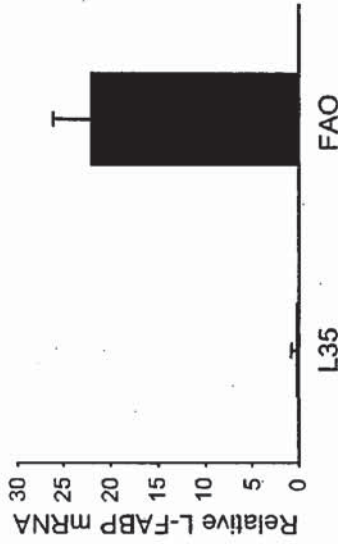


FIG. 1B

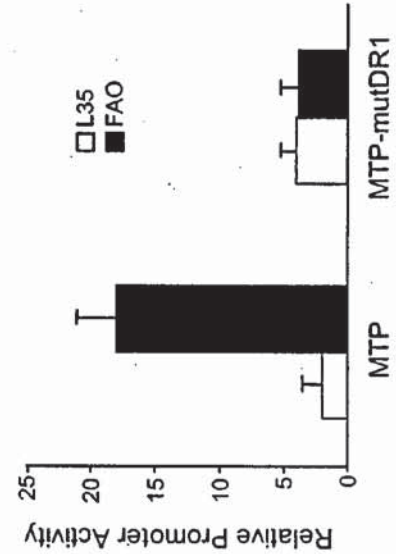
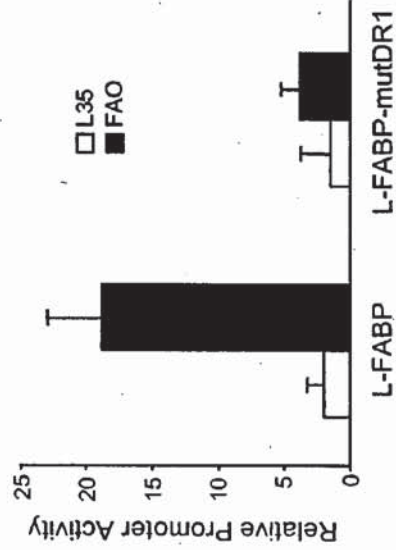


FIG. 1C

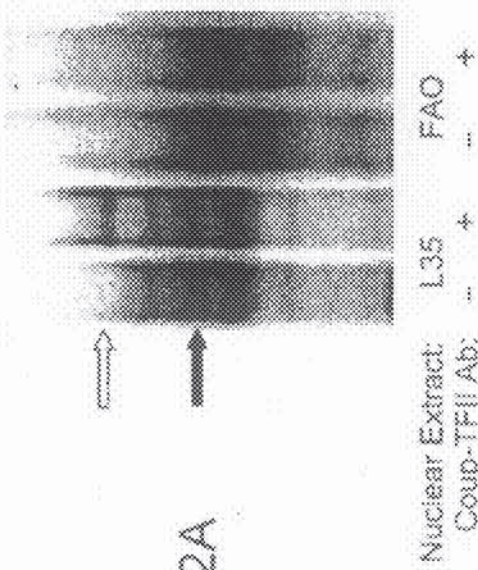


FIG. 2A

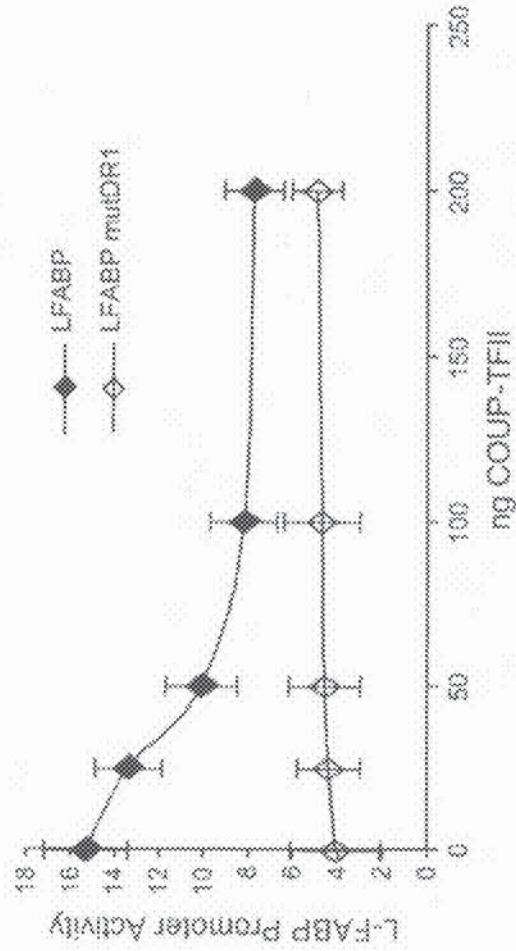
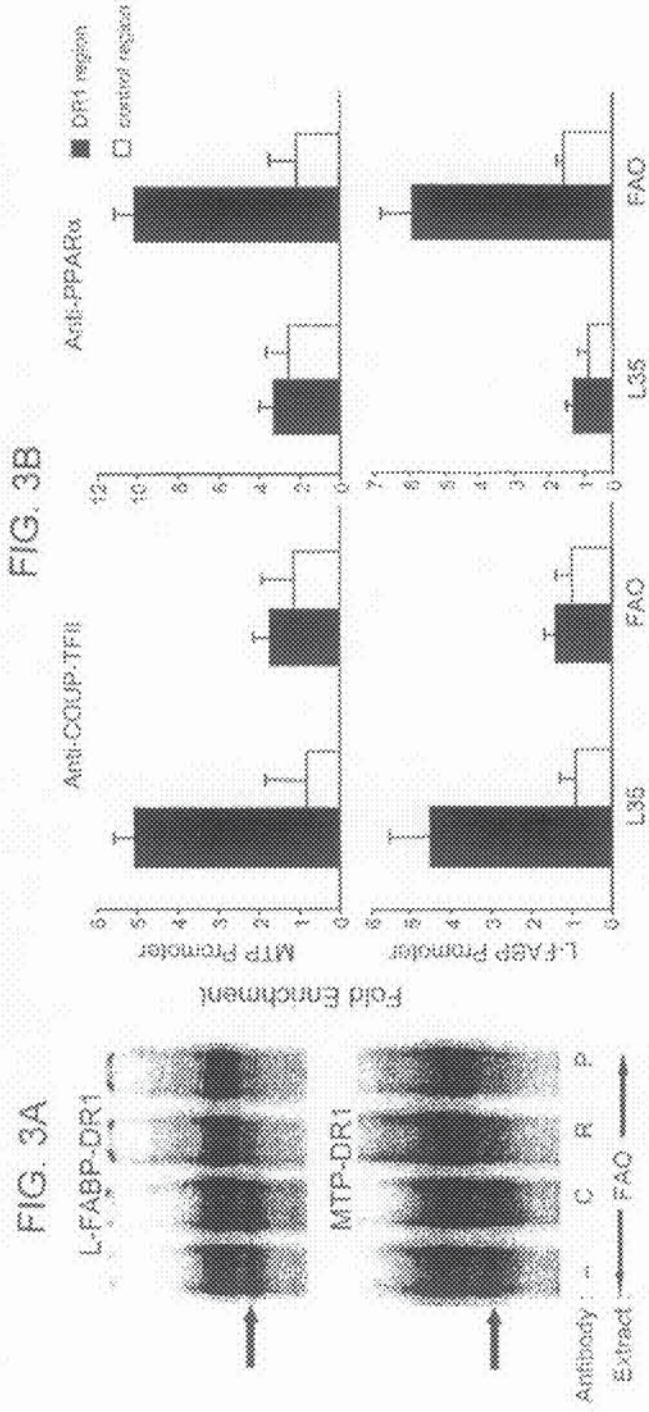
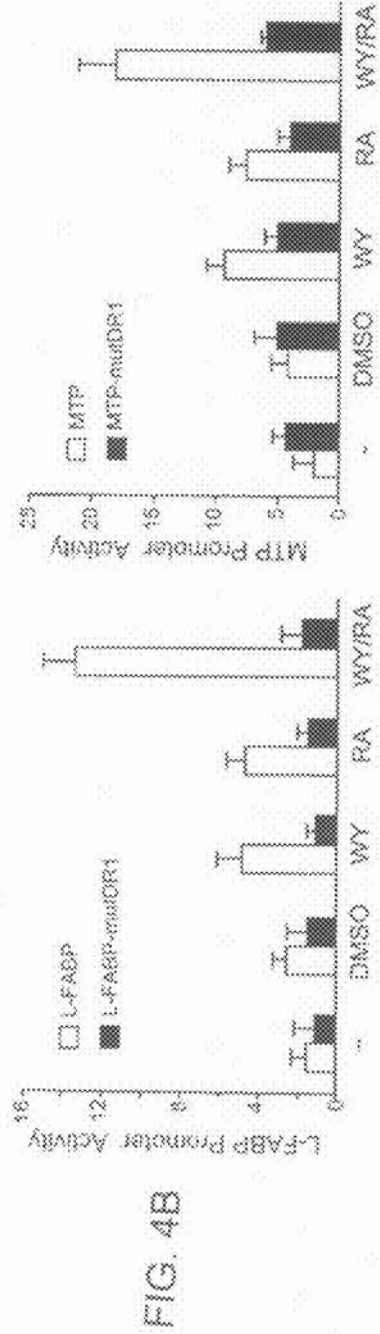
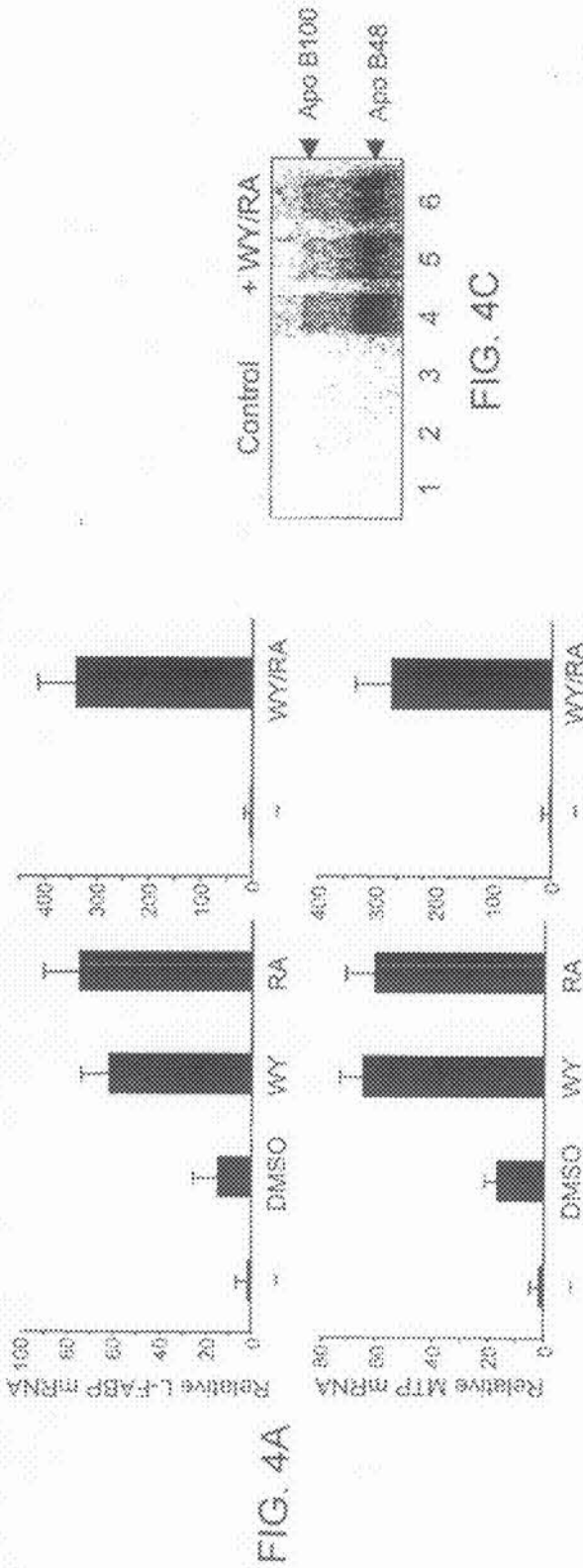


FIG. 2B





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