Supplementary Material

Distinct fractions of an Artemisia scoparia extract contain compounds with novel adipogenic bioactivity.

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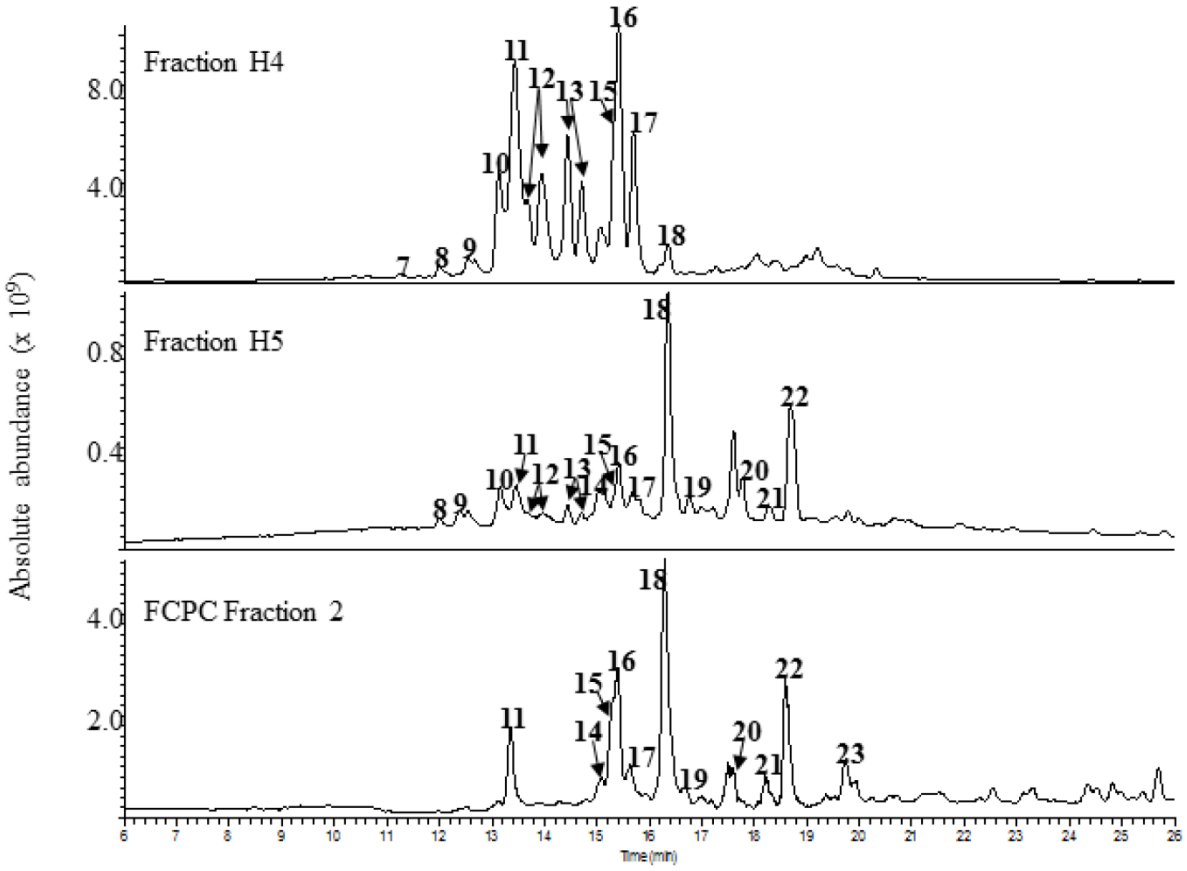

Supplementary Figure 1. (-)ESI MS total ion current chromatograms of three fractions of EA with pro-adipogenic activity. Peak identification is shown in table 2.

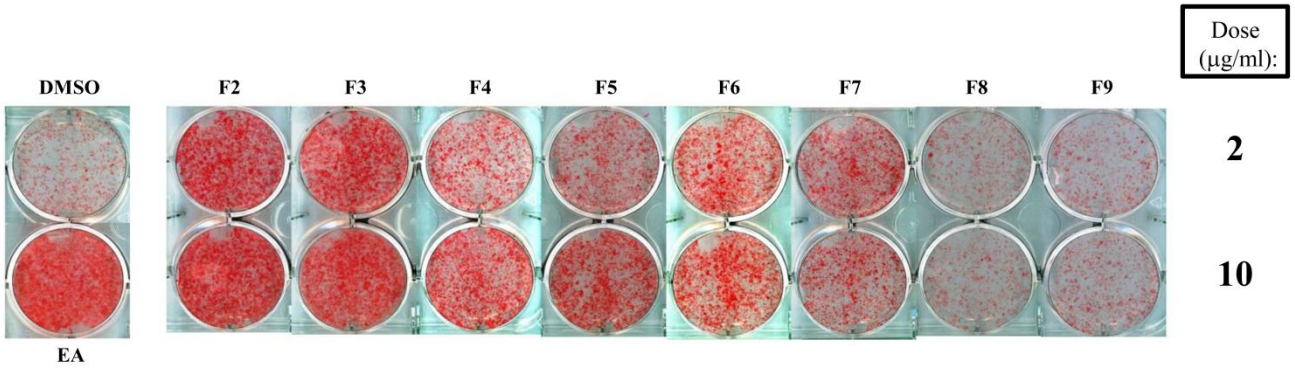

Figure S2. Adipogenesis in 3T3-L1 cells is enhanced by FCPC subfractions of EA. Cells were induced to differentiate using half-strength MDI cocktail containing DMSO vehicle, 20 μg/ml of EA, or 2 or 10 μg/ml of each FCPC subfraction of EA. 4 days after induction, cells were fixed, stained with Oil Red O, and scanned. Wells were treated and stained in triplicate; images shown are from one representative well for each condition.

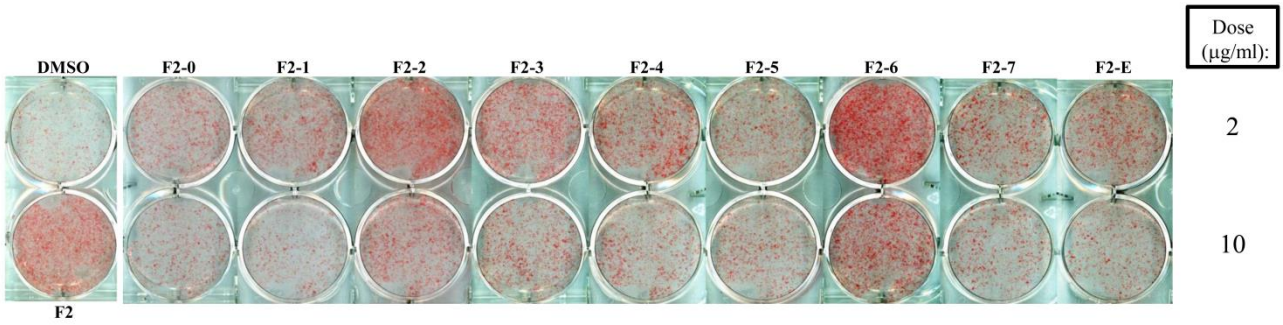

Figure S3. Adipogenesis in 3T3-L1 cells is enhanced by subfractions of EA-F2. Cells were induced to differentiate using half-strength MDI cocktail containing DMSO vehicle, 10 μg/ml of F2, or 2 or 10 μg/ml of each EA-F2 subfraction. 4 days after induction, cells were fixed, stained with Oil Red O, and scanned. Wells were treated and stained in triplicate; images shown are from one representative well for each condition.

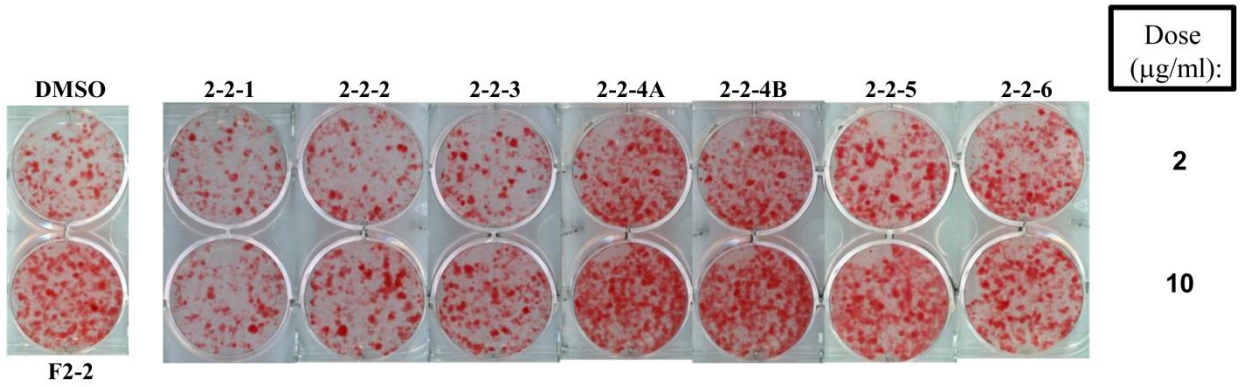

Figure S4. Adipogenesis in 3T3-L1 cells is enhanced by subfractions of EA-F2-2. Cells were induced to differentiate using half-strength MDI cocktail containing DMSO vehicle, 10 μg/ml of F2-2, or 5 or 20 μg/ml of each EA-F2 subfraction. 4 days after induction, cells were fixed, stained with Oil Red O, and scanned. Wells were treated and stained in triplicate; images shown are from one representative well for each condition.