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(54) **Title:** A METHOD OF DETECTING A POPULATION OF MACROPHAGES

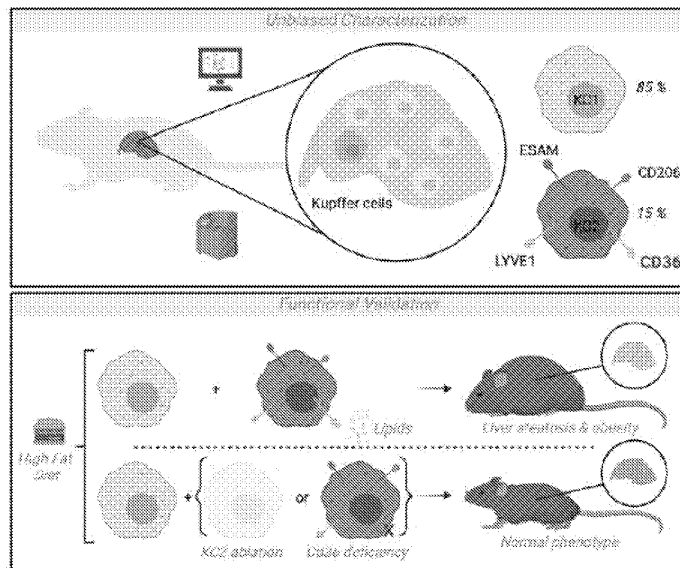


FIG. 9

(57) **Abstract:** There is provided a method of detecting a population of macrophage in a sample comprising detecting and/or determining the expression of Cdh5 in the macrophage in the sample. Also disclosed is a kit for detecting and/or separating and/or depleting a population of a macrophage, a method of depleting a population of a macrophage, a method of improving the health of an obese and/or overweight subject, a method of determining the risk of obesity and/or a metabolic impairment related to obesity in a subject, and an animal model thereof.

[Continued on next page]

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