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(54) Title: DETECTING OXIDATIVE STRESS IN CELL(S) USING EPIGENETIC MEANS

(57) Abstract: The present invention is related to a method of identifying oxidative stress (OS) in a test cell, comprising (a) determining the methylation status of at least one CpG site in a DNA sample obtained from the test cell, (b) comparing the methylation status of the CpG site from (a) with that of a control without OS, wherein difference in the methylation status of the CpG site in the test cell compared to the CpG site in the control is indicative of the test cell having OS.

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