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(54) Title: ENHANCER SEQUENCE OF THE 5-AMINOLEVULINIC ACID SYNTHASE GENE

(57) Abstract: Nucleic acid sequences mediating chemical compound induced 5-aminolevulinic acid synthase gene (ALAS1) expression are disclosed. Said sequences comprise at least a DR-4 binding site. Furthermore, in vitro methods for testing chemical compounds for modulation of heme and/or P 450 cytochromes synthesis are described.

