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(54) **Title:** METHOD FOR IMPROVED SELECTION OF RNAI TRANSFECTANTS

(57) **Abstract:** The present invention is directed to a method for inactivation of expression of a gene in a eucaryotic cell comprising (I) transfection of a eucaryotic cell with DNA comprising an expression cassette for expression of a cell surface protein and an expression cassette for expression of a RNAi compound, said compound being capable of inactivating expression of said gene, wherein said expression cassette for expression of a cell surface protein and said expression cassette for expression of a RNAi compound are located on the same vector DNA, and (II) enrichment and/or selection of cells which express said cell surface protein.