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- (54) **Title:** ENGINEERED CELLS FOR INCREASED PRODUCTION OF DIFFICULT-TO-EXPRESS PROTEINS

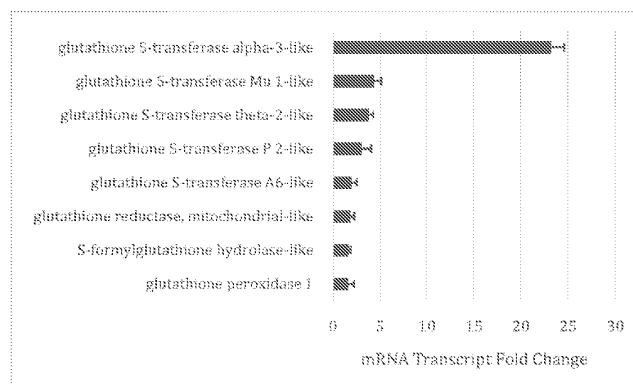


FIG. 1

- (57) **Abstract:** Described are engineered cells that include genetic alterations leading to up- or down- regulation of certain genes in the cells for improved production of a recombinant protein, especially one that is not easily expressed at high levels in unaltered cell lines. Also provided are methods of preparing and using such cells.



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