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(54) **Title:** UPREGULATION OF FERRITIN HEAVY CHAIN I EXPRESSION

Sequence	Identifier
REESGE	SEQ ID NO:1
REESGEP	SEQ ID NO:2
KEEDEESGE	SEQ ID NO:3
KPREESGE	SEQ ID NO:4
LDEESGEP	SEQ ID NO:5
REESDKPMY	SEQ ID NO:6
PREESDKP	SEQ ID NO:7
REESGEL	SEQ ID NO:8
EES	Identical Residues
Xn (R/D) EES (G/D) (E/K) Xm	Consensus No. 1
	X is any residue,
	n = 0 to 10, m = 0 to 10

FIG. 1

(57) **Abstract:** The present disclosure relates to isolated oligopeptides capable of increasing expression of ferritin heavy chain I (FTH1) by mammalian cells, as well as formulations thereof. The formulations are suitable for treating diseases or conditions associated with iron deficiency and/or anemia.



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