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(54) Title: ARTIFICIAL TRANSCRIPTION FACTORS FOR THE TREATMENT OF DISEASES CAUSED BY *OPA1* HAPLOINSUFFICIENCY

(57) Abstract: The invention relates to an artificial transcription factor comprising a polydactyl zinc finger protein targeting specifically the *OPA1* promoter fused to an activatory protein domain, and a nuclear localization sequence. Artificial transcription factors directed against the *OPA1* promoter are useful for the treatment of diseases associated with *OPA1* haploinsufficiency, such as autosomal dominant optic atrophy, syndromic autosomal dominant optic atrophy plus and normal tension glaucoma.