

Appendix 5. In the RPE, OTX2 activates the tyrosinase promoter in the absence of MITF binding elements.

Luc-reporter constructs containing deletions of the MITF binding elements at positions -104 to -99 (mM = deletion of the M-box) and -12 to -7 (mE= deletion of the E-box) in the human tyrosinase promoters -152 or -462 were co-transfected into D407 cells with MITF-A, OTX2, MITF-A/OTX2 factors or with empty expression vector (pCR3). Normalized luciferase activities are relative to tyrosinase promoter construct -152 (=1) co-transfected with empty expression vector pCR3 (= vector only). Data are means \pm SEM from two independent transfections performed in triplicate.

