

#### Appendix 4. OTX2 activates the tyrosinase promoter through the proximal region at -462

to -152. Luc-reporter constructs containing the human tyrosinase promoter -2525 with enhancer element -9860 to -8741 (= Enh./-2525), deletions -2525, -1995, -462, -152 and promoterless pGL3-Basic were co-transfected into D407 RPE cells with MITF-A, OTX2 or empty expression vector (pCR3). Normalized luciferase activities are relative to tyrosinase promoter construct -152 (=1) co-transfected with empty expression vector (pCR3). Data are means $\pm$ SEM from two independent transfections performed in triplicate.

