Treatment with eprotirome:

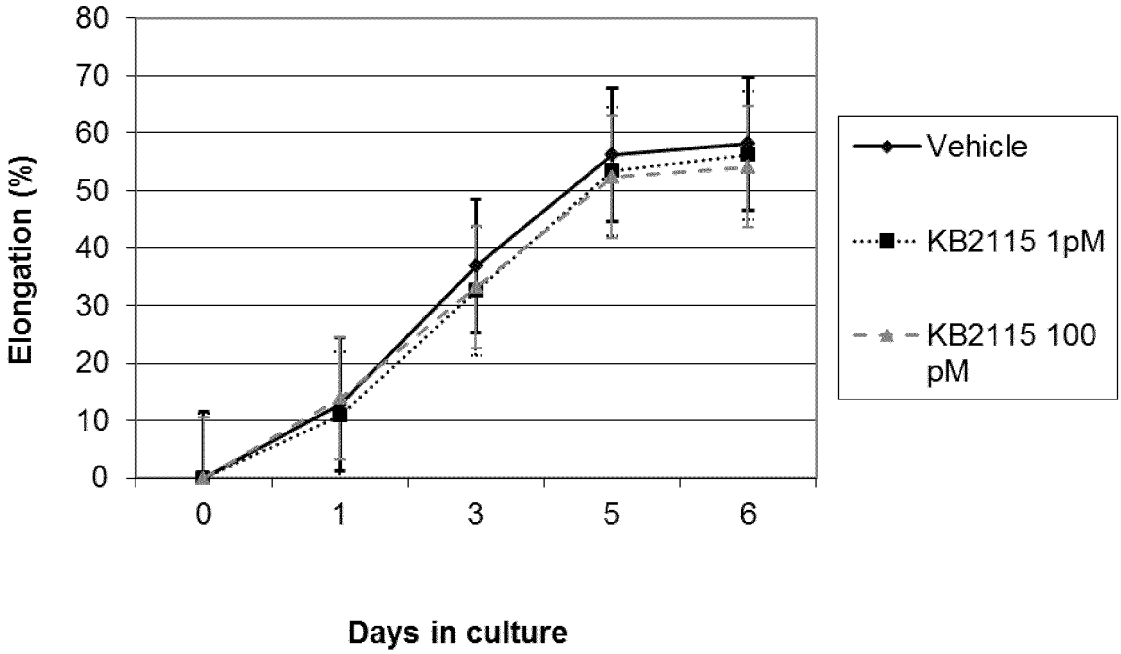


Figure 1: Hair shaft elongation, 49y-old female

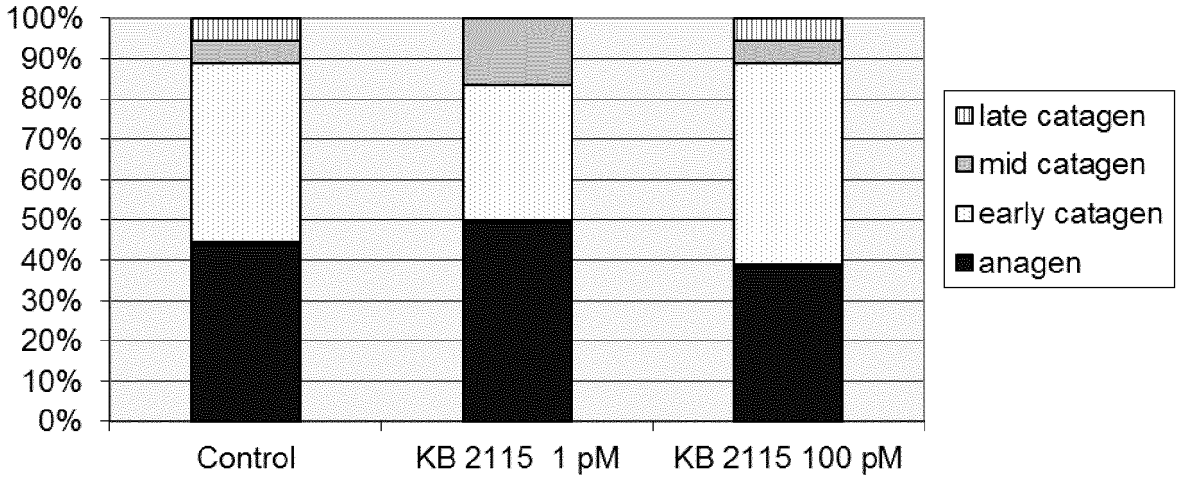


Figure 2: Hair cycle staging (macroscopic), 49y-old female

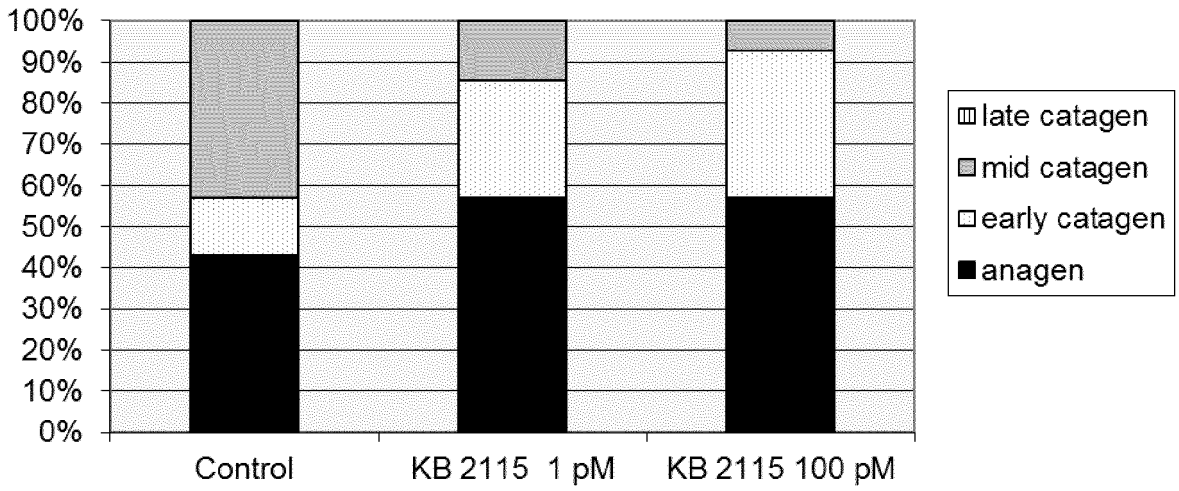


Figure 3: Hair cycle staging (microscopic), 49y-old female

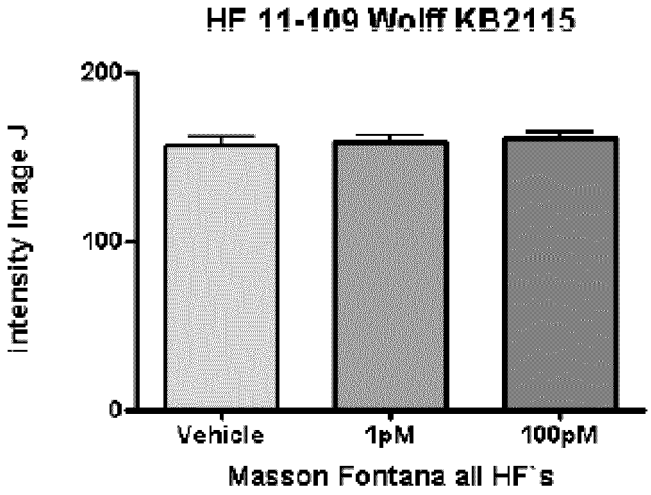


Figure 4: Hair pigmentation (all HFs), 49y-old female

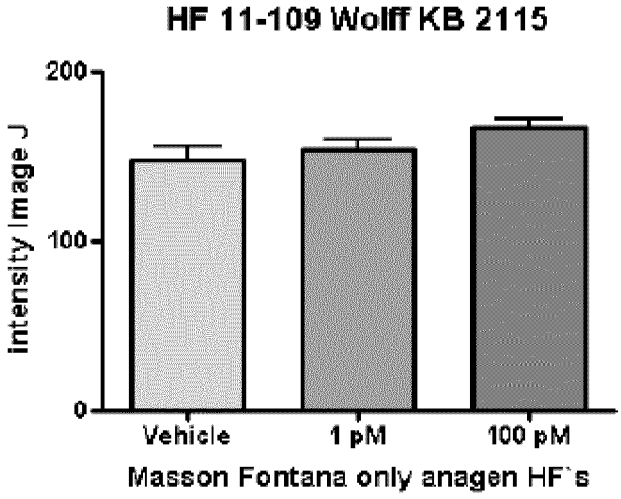


Figure 5: Hair pigmentation (only anagen HFs), 49y-old female

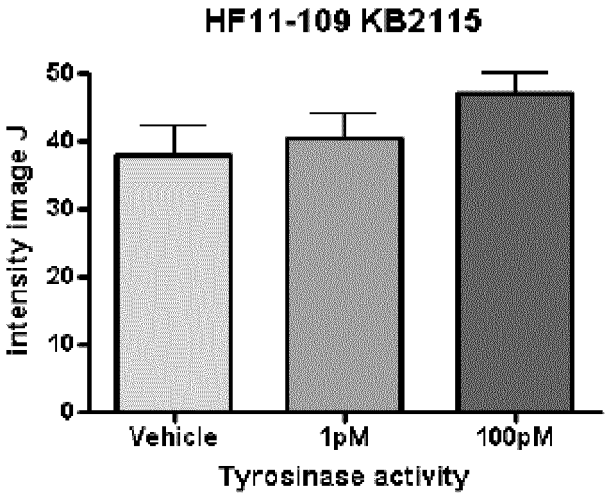


Figure 6: Tyrosinase activity (all HFs), 49y-old female

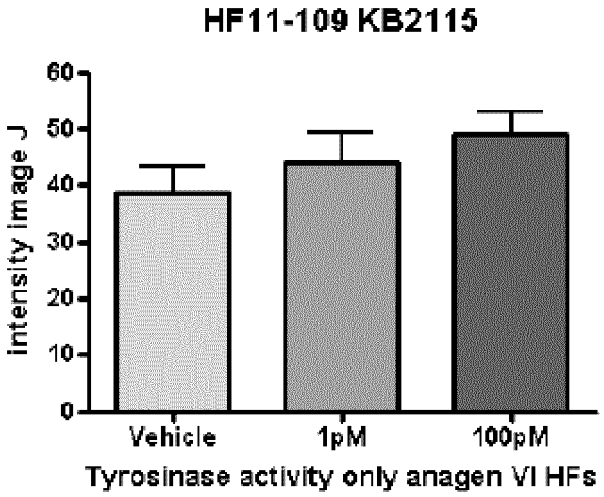


Figure 7: Tyrosinase activity (only anagen HFs), 49y-old female

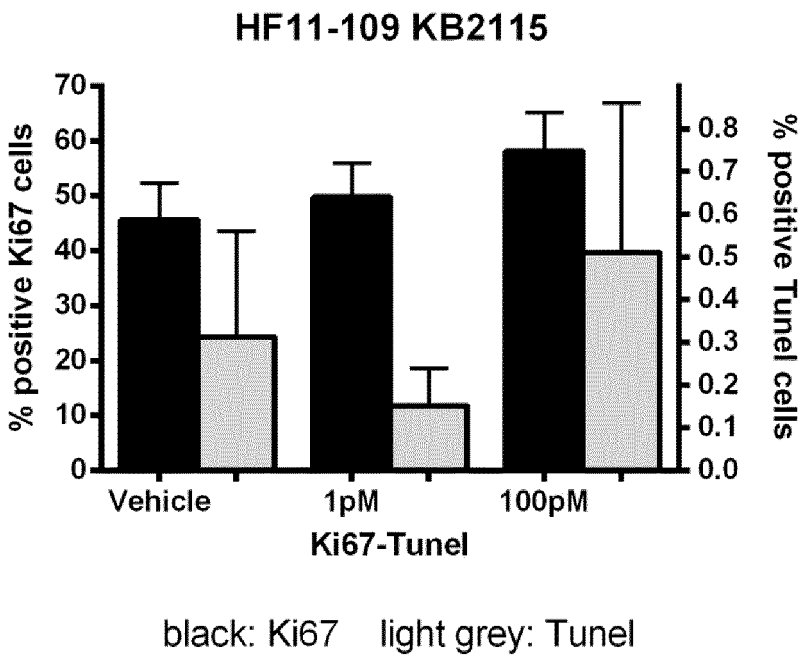


Figure 8: Ki67-TUNEL immunohistomorphometry, 49y-old female

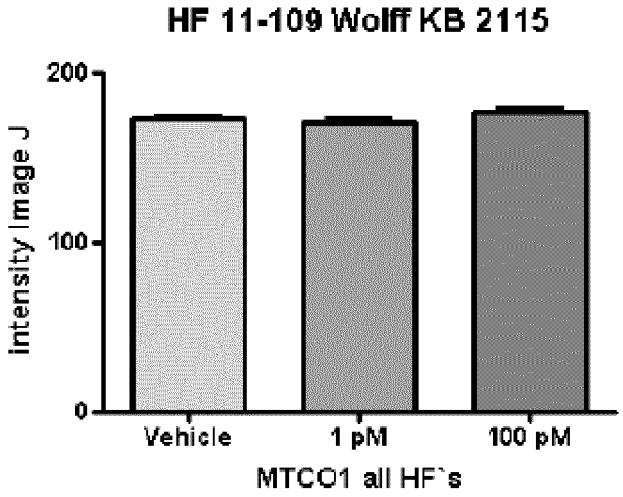


Figure 9: Expression of MTCO1 (all HFs), 49y-old female

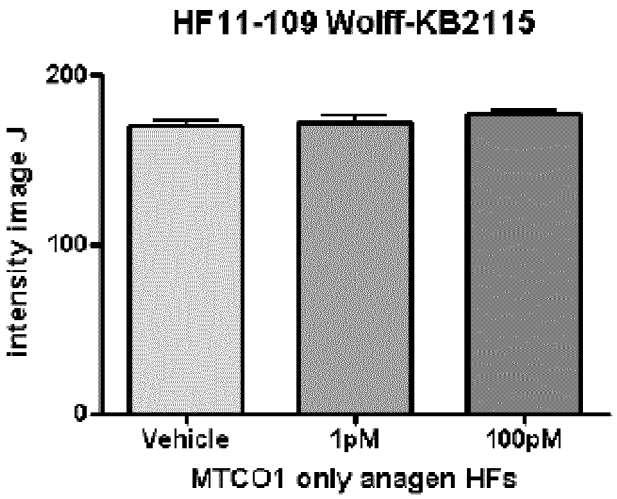


Figure 10: Expression of MTCO1 (only anagen HFs), 49y-old female

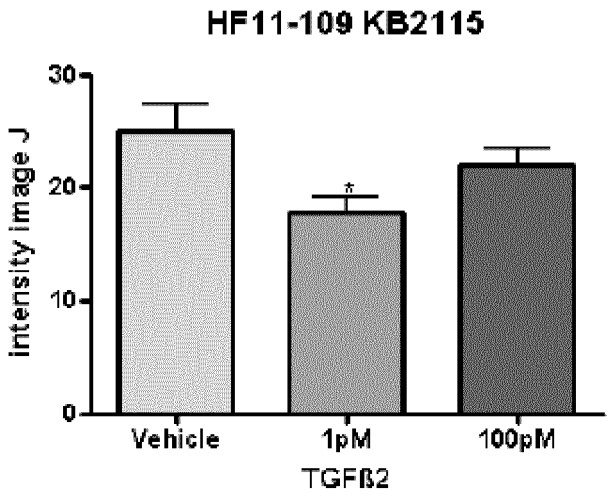


Figure 11: Expression of TGFβ2, 49y-old female

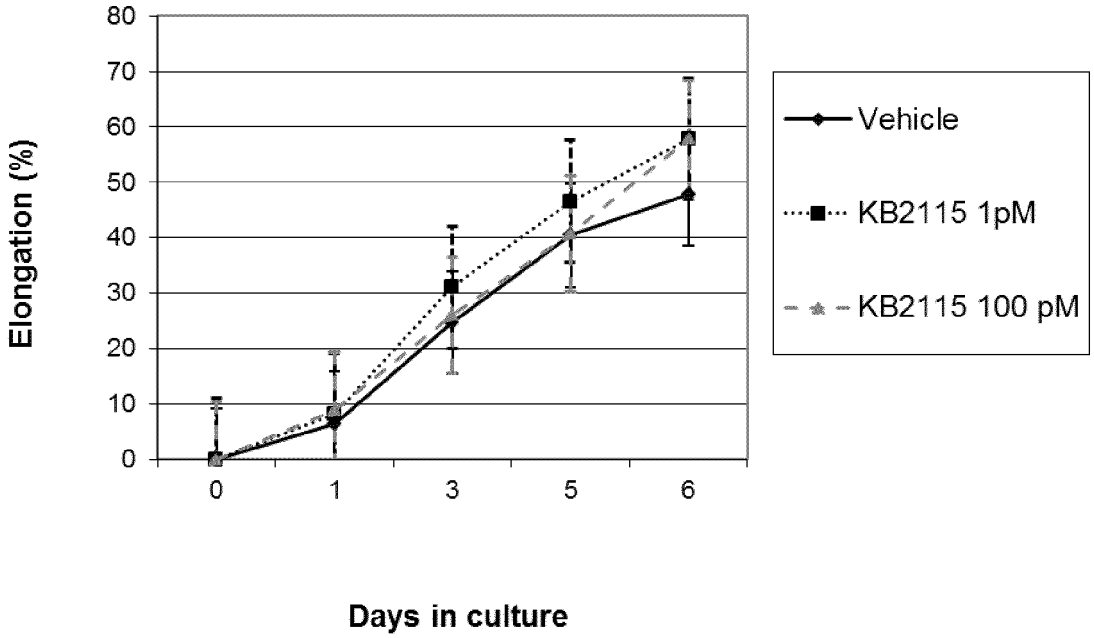


Figure12: Hair shaft elongation, 47y-old female

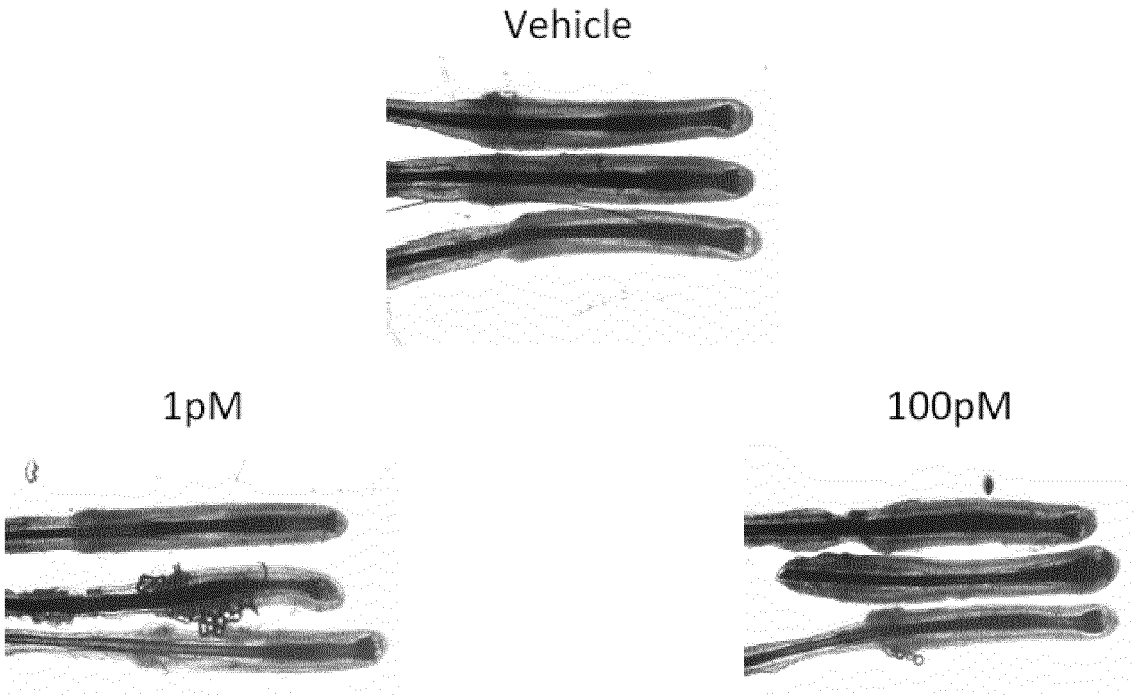


Figure13: Hair follicles in culture, 47y-old female

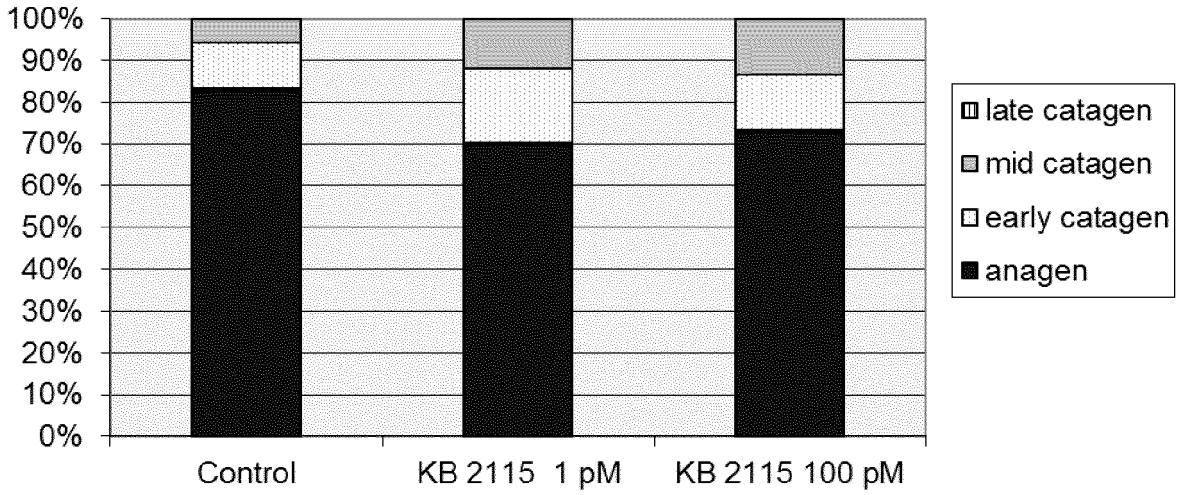


Figure14: Hair cycle staging (macroscopic), 47y-old female

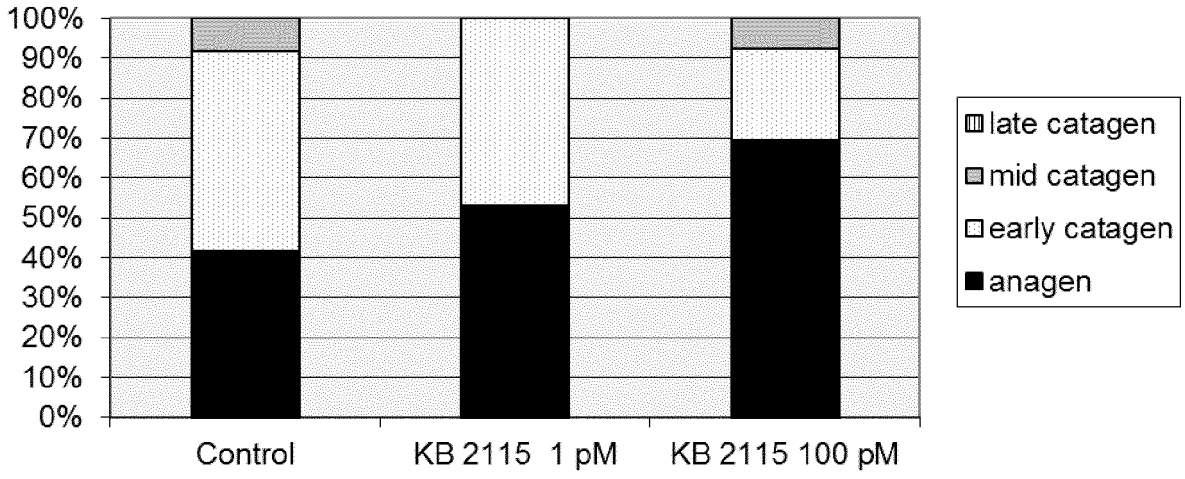


Figure15: Hair cycle staging (microscopic), 47y-old female

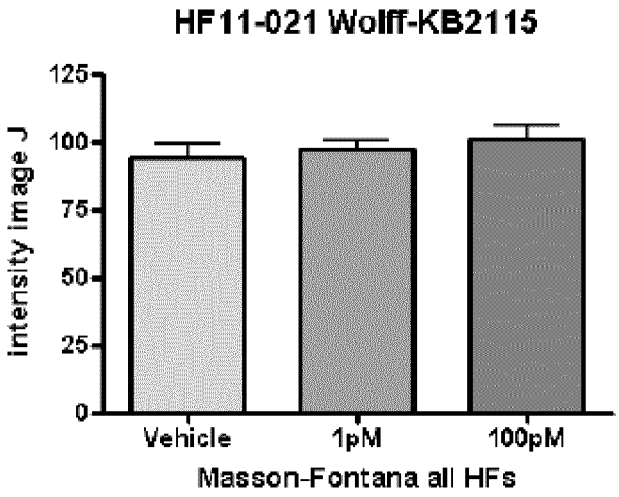


Figure16: Hair pigmentation (all HFs), 47y-old female

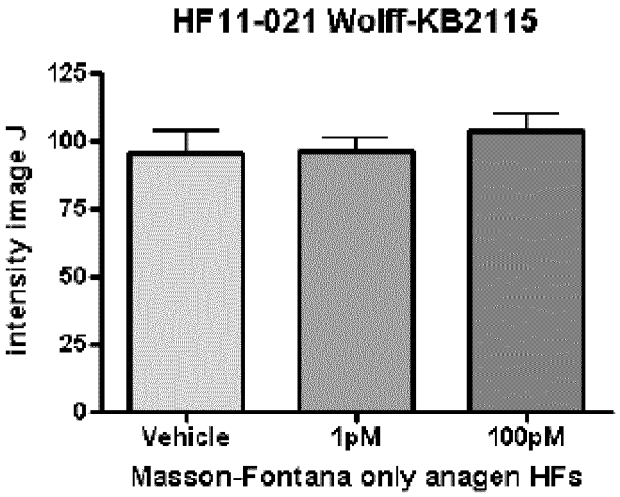


Figure17: Hair pigmentation (only anagen HFs), 47y-old female

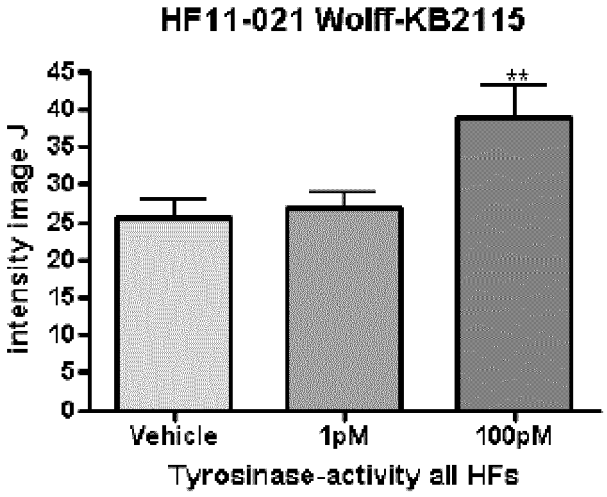


Figure18: Tyrosinase activity (all HFs), 47y-old female

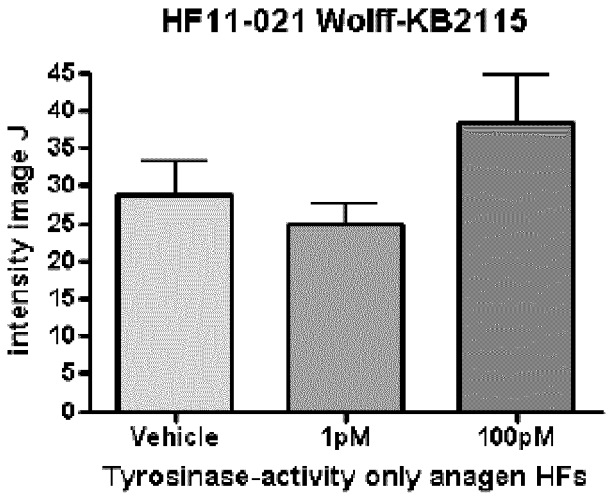


Figure19: Tyrosinase activity (only anagen HFs), 47y-old female

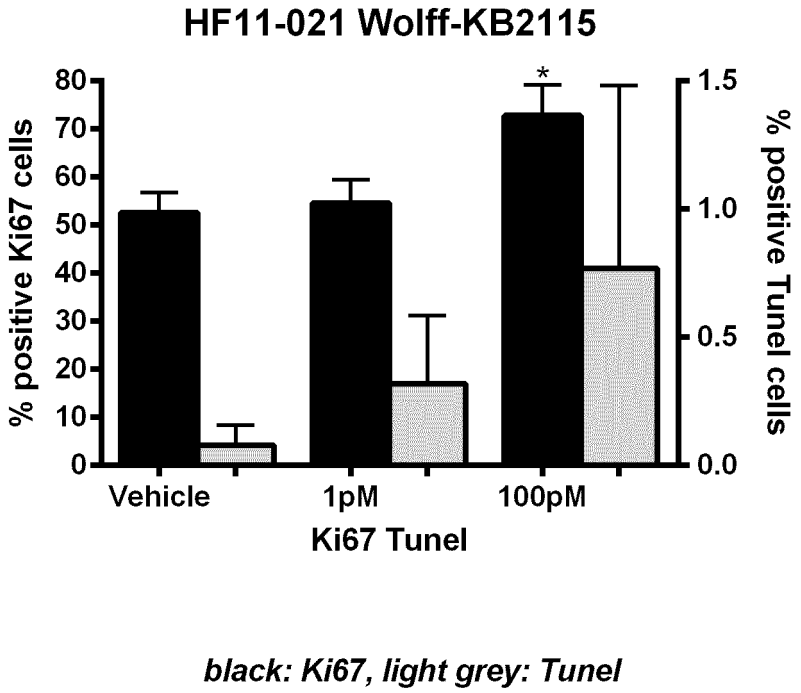


Figure20: Ki67-TUNEL immunohistomorphometry, 47y-old female

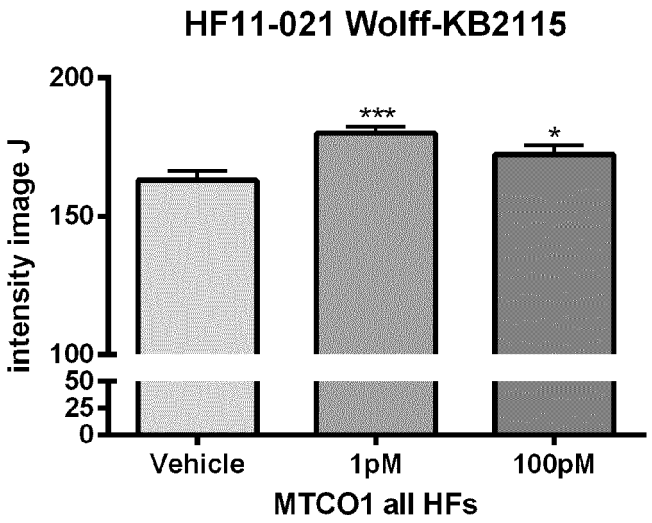


Figure21: Expression of MTCO1 (all HFs), 47y-old female

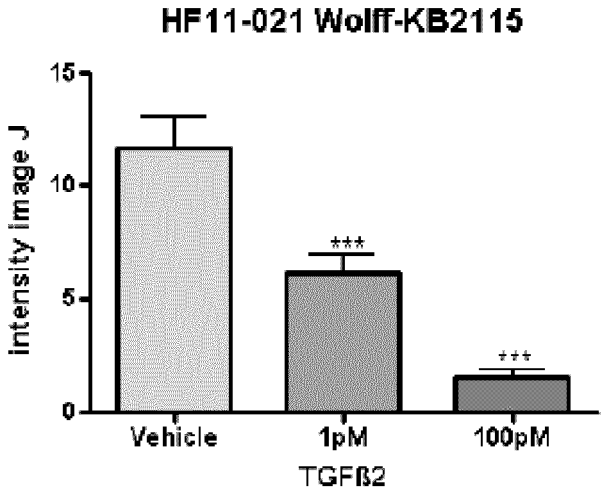


Figure22: Expression of TGFβ2, 47y-old female

Treatment with TRIAC:

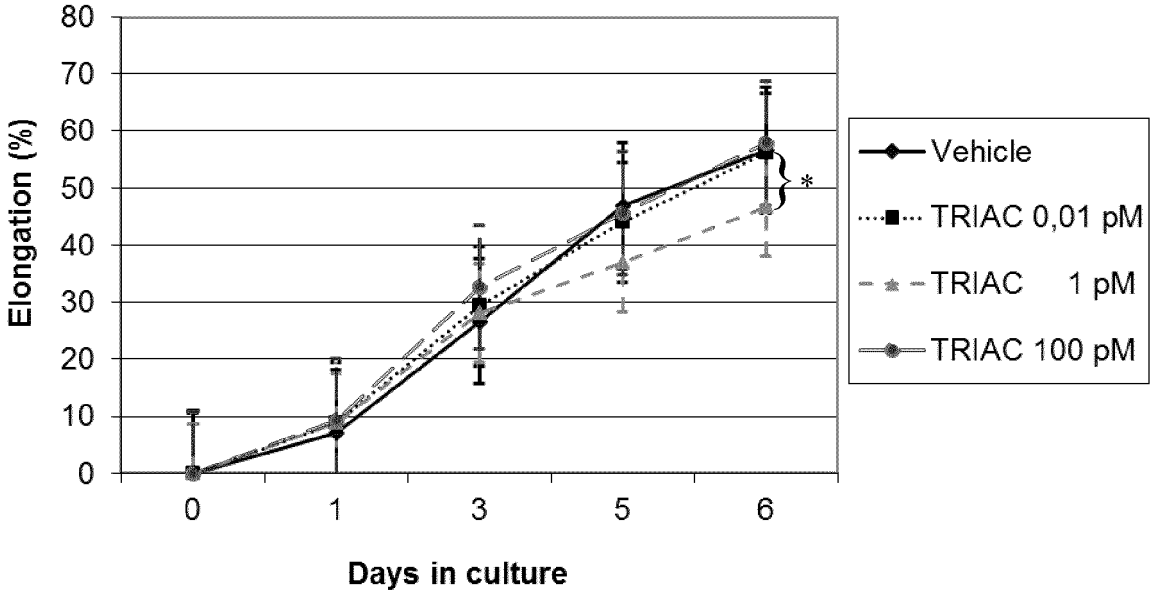


Figure 23: Hair shaft elongation in hair follicles obtained from a 49y-old female.

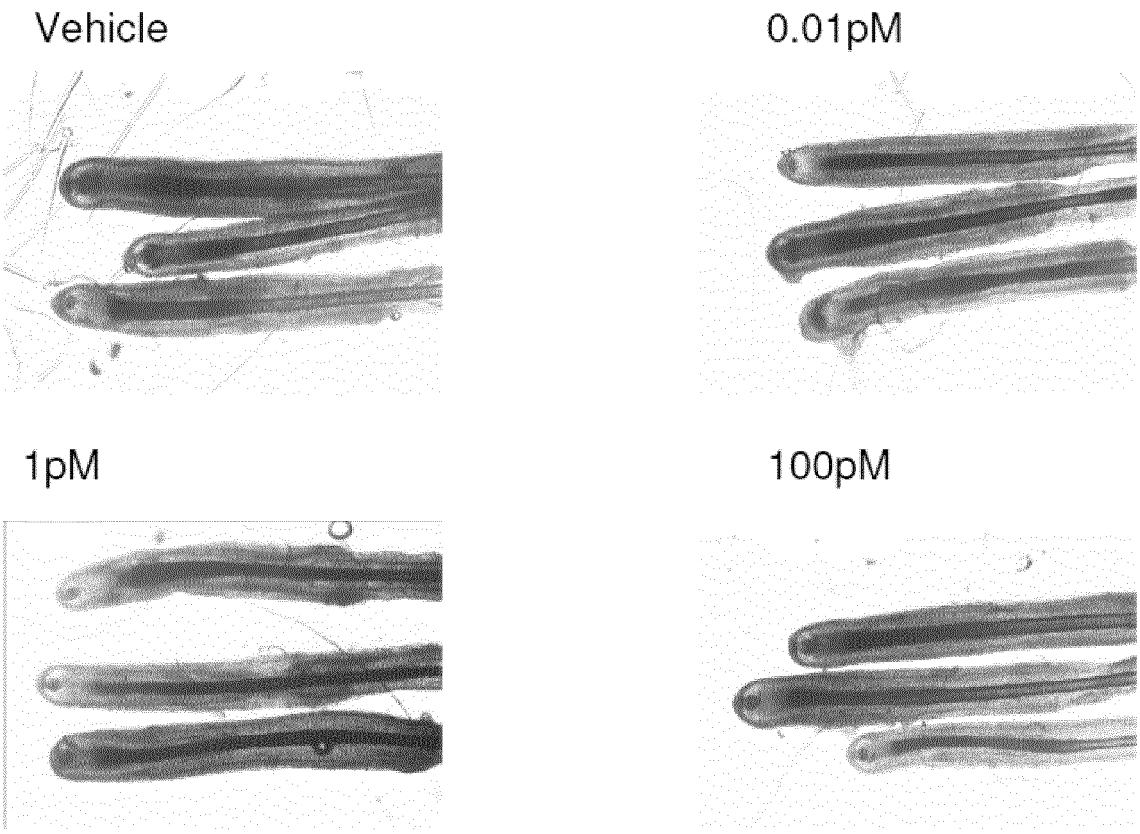


Figure 24: Hair follicles in culture obtained from a 49y-old female (treated with TRIAC).

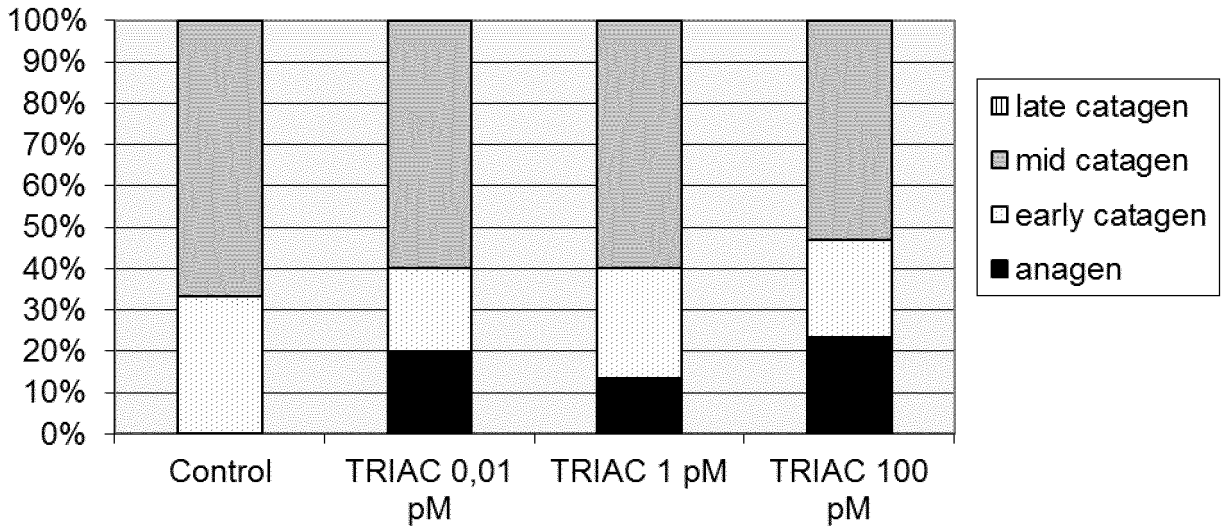


Figure 25: Hair cycle staging (macroscopic) in hair follicles obtained from a 49y-old female.

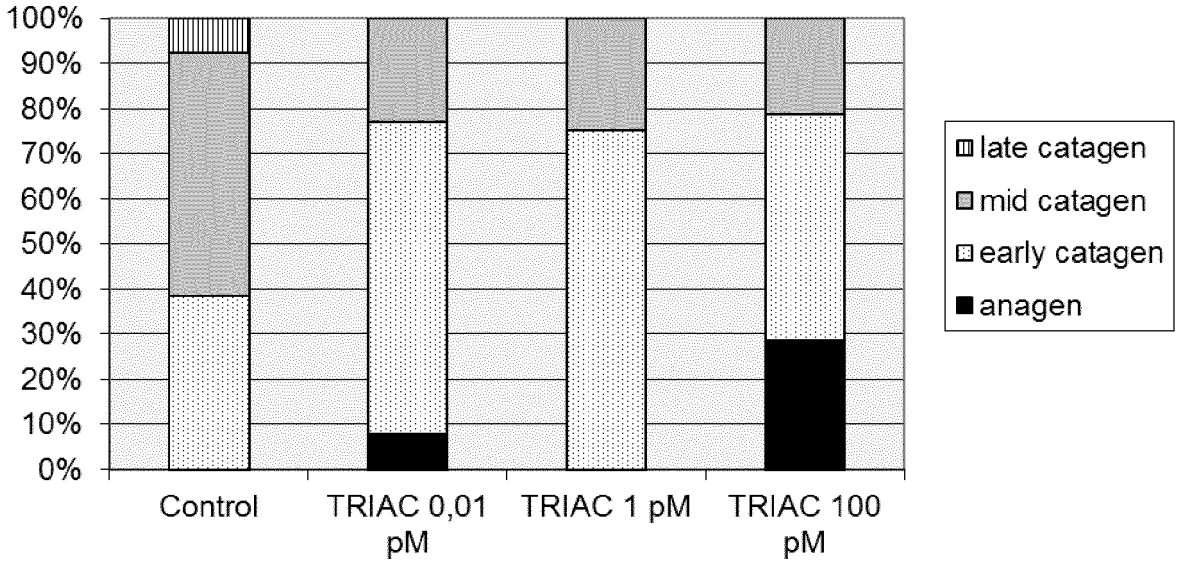


Figure 26: Hair cycle staging (microscopic) in hair follicles obtained from a 49y-old female.

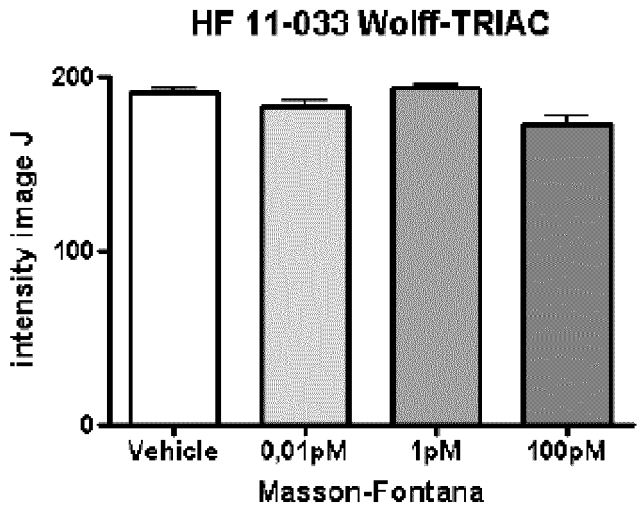


Figure 27: Hair pigmentation of all treated hair follicles from a 49y-old female donor.

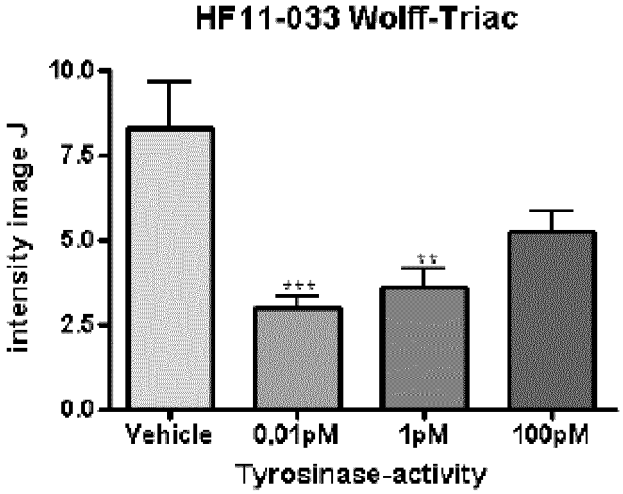


Figure 28: Downregulation of tyrosinase activity of hair follicles (all HFs) from a 49y-old female donor.

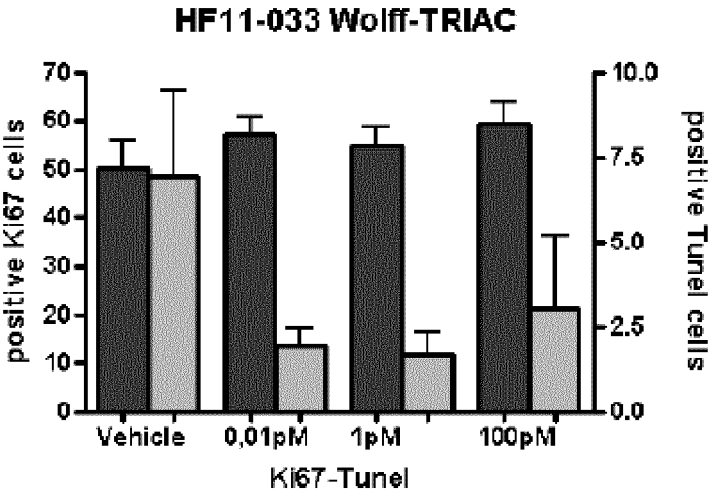


Figure 29: Ki-67 and TUNEL staining of treated hair follicles from a 49y-old female donor.

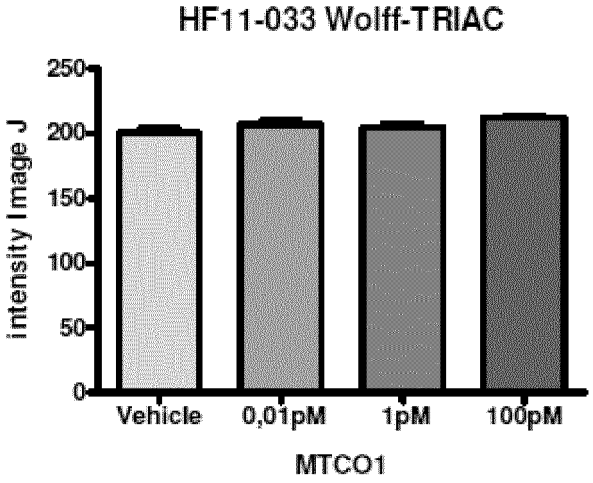


Figure 30: Expression of MTCO1 in hair follicles (all HFs) from a 49y-old female donor.

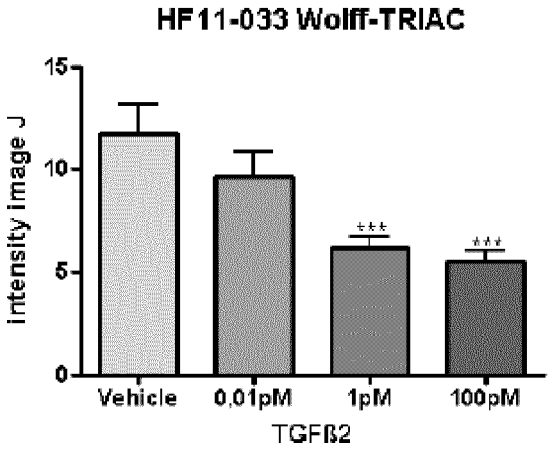


Figure 31: Reduced expression of TGFβ2 in treated hair follicles from a 49y-old female donor.

Treatment with PF-277343:

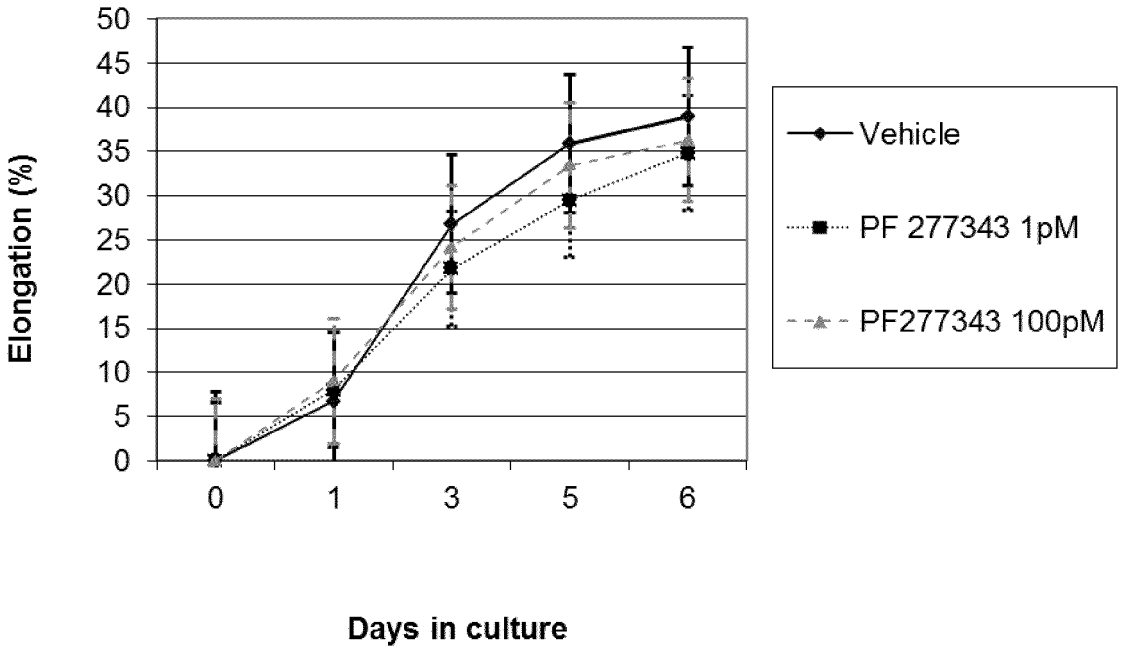


Figure 32: Hair shaft elongation in hair follicles obtained from a 58y-old female.

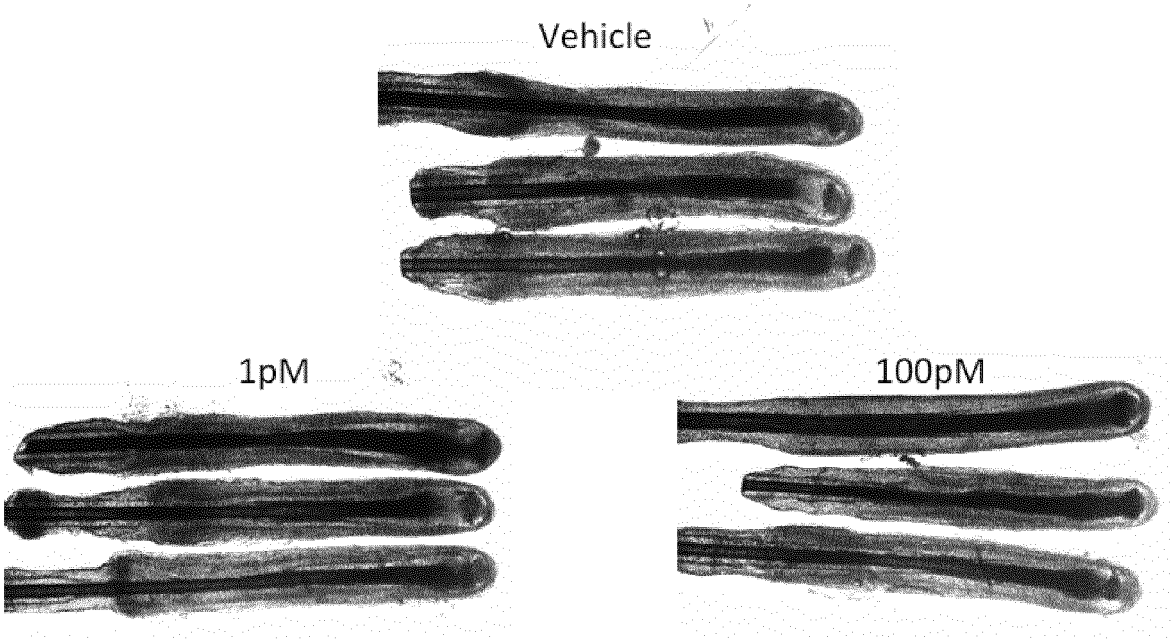


Figure 33: Hair follicles in culture obtained from a 58y-old female (treated with PF-277343).

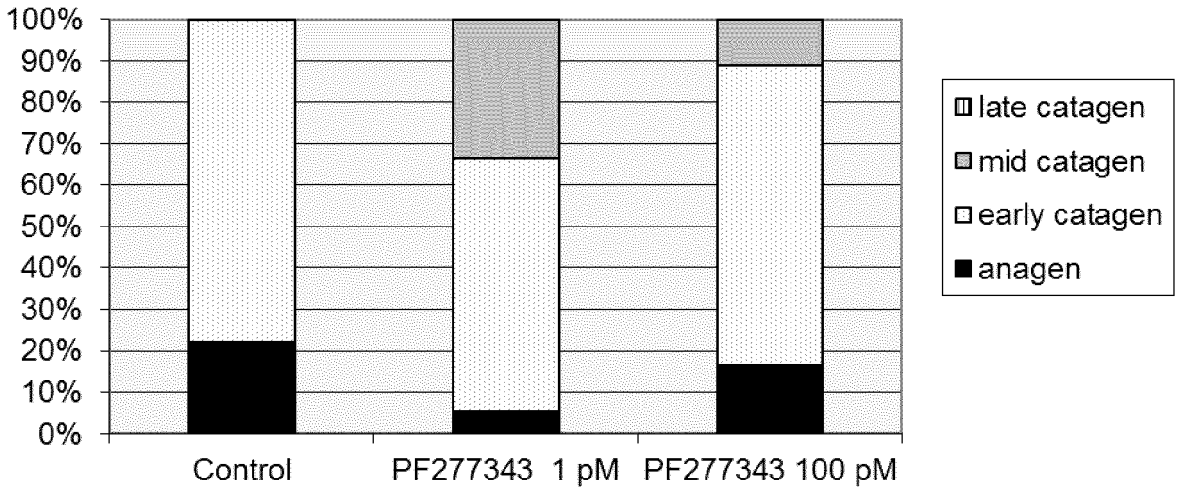


Figure 34: Hair cycle staging (macroscopic) in hair follicles obtained from a 58y-old female.

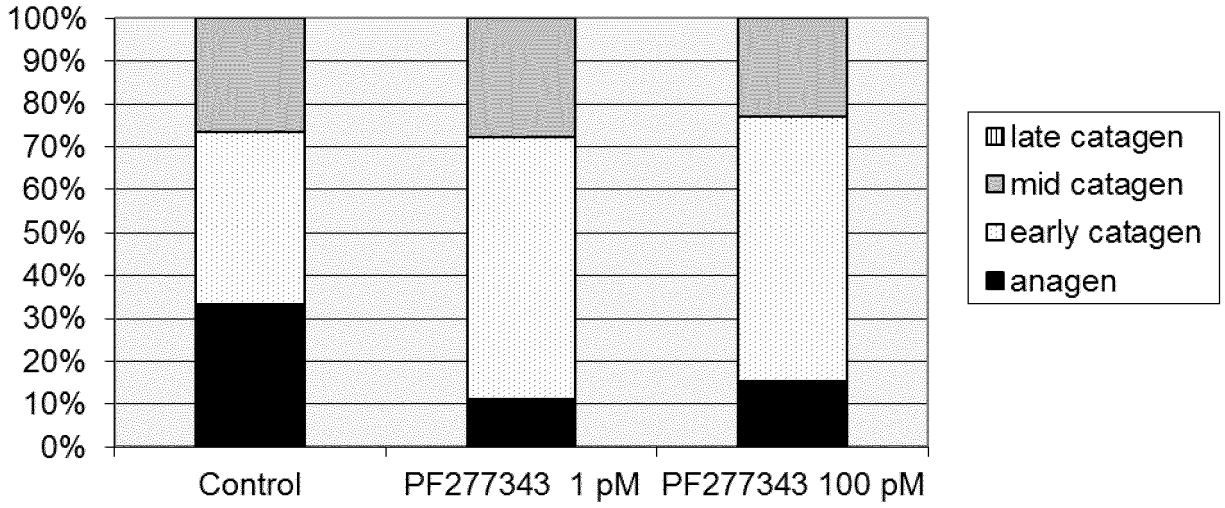


Figure 35: Hair cycle staging (microscopic) in hair follicles obtained from a 58y-old female.

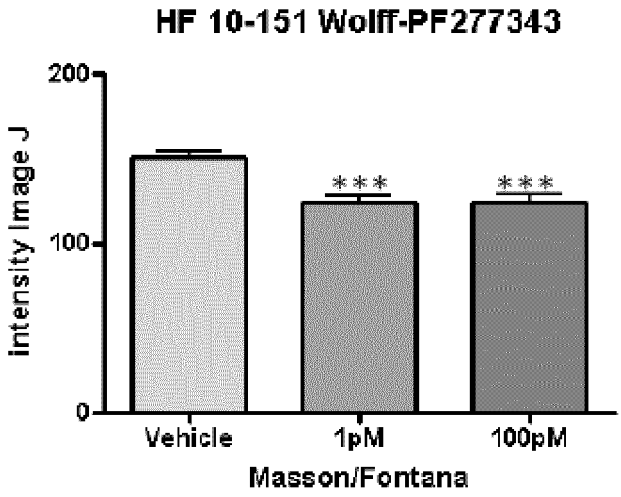


Figure 36: Hair pigmentation of all treated hair follicles from a 58y-old female donor.

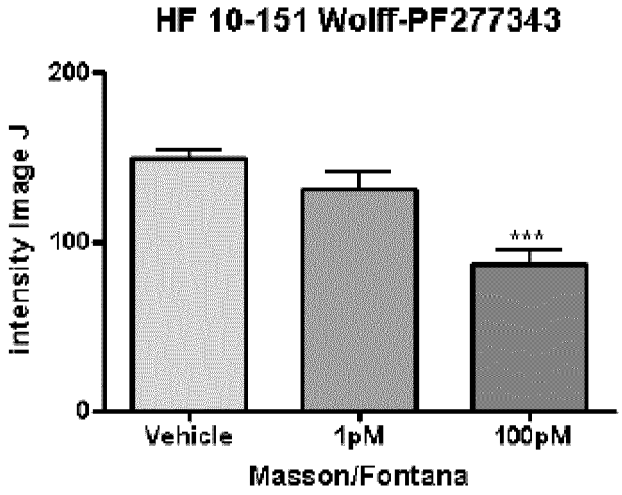


Figure 37: Hair pigmentation of all treated hair follicles in the anagen phase from a 58y-old female donor.

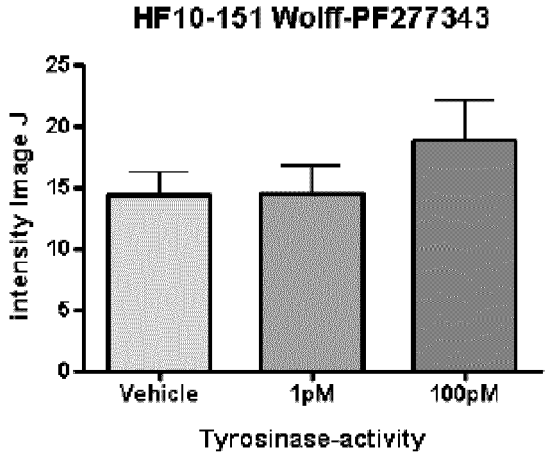


Figure 38: Upregulation of tyrosinase activity of hair follicles (all HFs) from a 58y-old female donor.

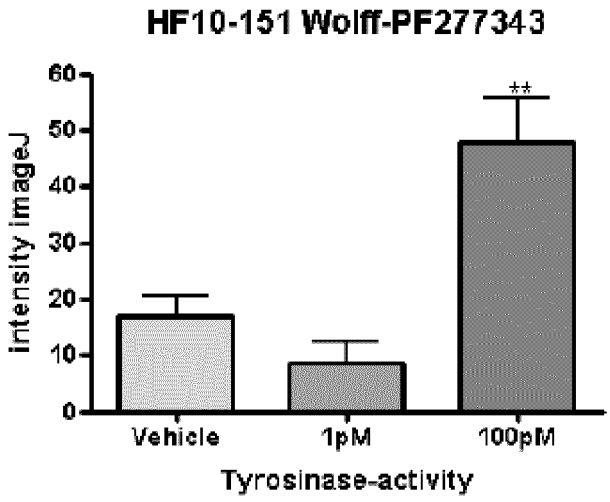
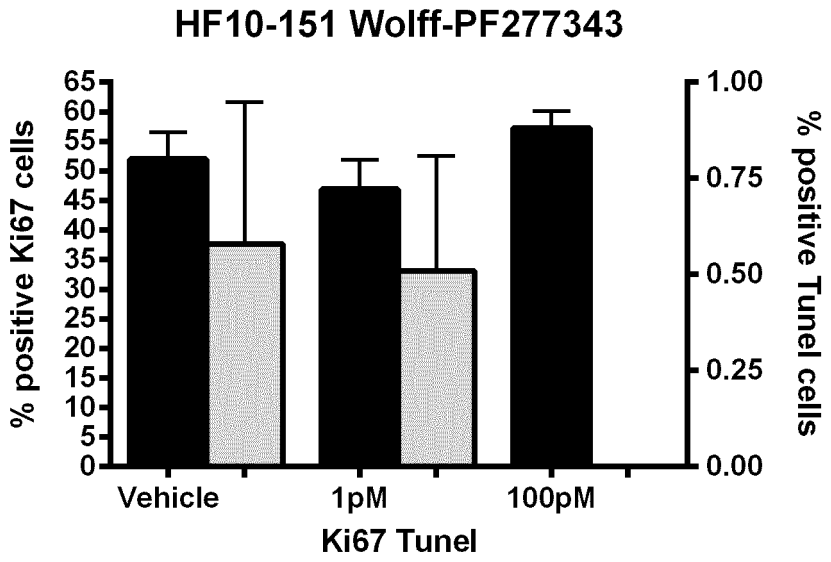


Figure 39: Upregulation of tyrosinase activity of hair follicles (only anagen HFs) from a 58y-old female donor.

5



black: Ki67, light grey: TUNEL

Figure 40: Ki-67 and TUNEL staining of treated hair follicles from a 58y-old female donor.

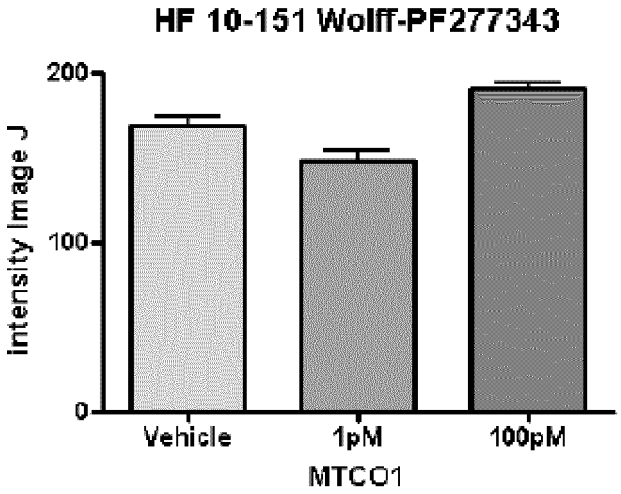


Figure 41: Expression of MTCO1 in treated hair follicles from a 58y-old female donor.

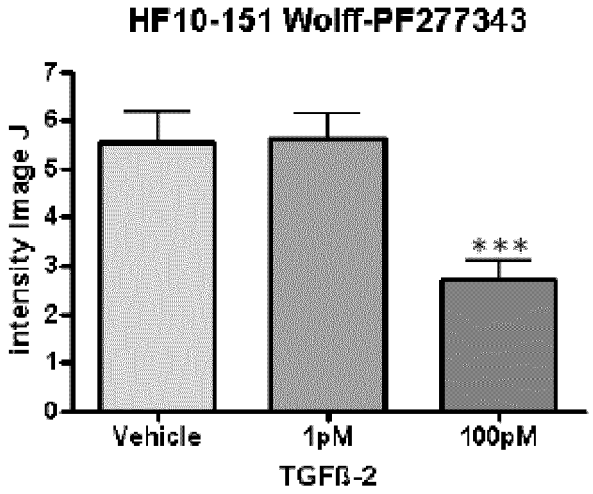


Figure 42: Reduced expression of TGFβ2 in treated hair follicles from a 58y-old female donor.