
**eFigure 1.** Histologic Examinations of Hypomelanotic Macules in Tuberous Sclerosis Complex Patients Before and After Rapamycin Treatment

**eFigure 2.** Numbers of Melanosomes in the Hypomelanotic Macules of Tuberous Sclerosis Complex in Patients 1 to 3, 5, and 6

This supplementary material has been provided by the authors to give readers additional information about their work.
eFigure 1. **Histologic examinations of hypomelanotic macules in tuberous sclerosis complex patients before and after rapamycin treatment**

MelanA (A,C,E) and Fontana-Masson (B,D,F) staining on the hypomelanotic lesion of before (A,B) and after (C,D) rapamycin treatment and normal control skin (E,F) specimen. Original magnification x100.
eFigure 2. **Numbers of melanosomes in the hypomelanotic macules of tuberous sclerosis complex in patients 1 to 3, 5, and 6**

The number of melanosomes per melanocyte before treatment was compared among the patients by counting the melanosomes in 7-10 randomly selected melanocytes, and statistical analysis was conducted. Three of the 5 patients’ specimens (No.1,3,6) before treatment exhibited significant variation in melanocytes’ melanosomes. One specimen (No.2) that did not show a difference in variability reflected the significantly small number of melanosomes in each melanocyte (P<0.01). P<0.05 was considered statistically significant. Data markers indicate melanosome numbers in each melanocyte, longer horizontal lines; mean value of the numbers, and limit lines; standard deviation.

*: P<0.05 **: P<0.01 ***: P<0.001