

An analysis on pale coat color found in CALM-deficient mice —A trial study on the relationship between membrane traffic and coat color—

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CALM is not believed to be an essential component of clathrin-associated endocytosis of transferrin. However, we made *CALM*-deficient mouse and found that CALM does indeed appear to be involved in clathrin-mediated membrane traffic. We also noticed that *CALM*-deficient mouse showed pale coat color and started a trial to analyze the relationship between membrane traffic and coat color. As an initial step, we successfully established CALM knock-down melanoma cells for the analysis.