



**FIGURE 20.5** TPMT aggresome formation. (A) COS-1 cells were transiently transfected with hemagglutinin (HA)-tagged WT and TPMT\*3A constructs in the presence of the proteasome inhibitor MG132 and were subjected to fluorescence microscopy after immunostaining with anti-HA antibody. Arrows point to aggresomes. (B) Aggresome formation expressed as a percentage of about 200 cells counted (mean  $\pm$  SEM,  $N = 4$ ). (From [47] with permission of *Proceedings of the National Academy of Sciences*.)