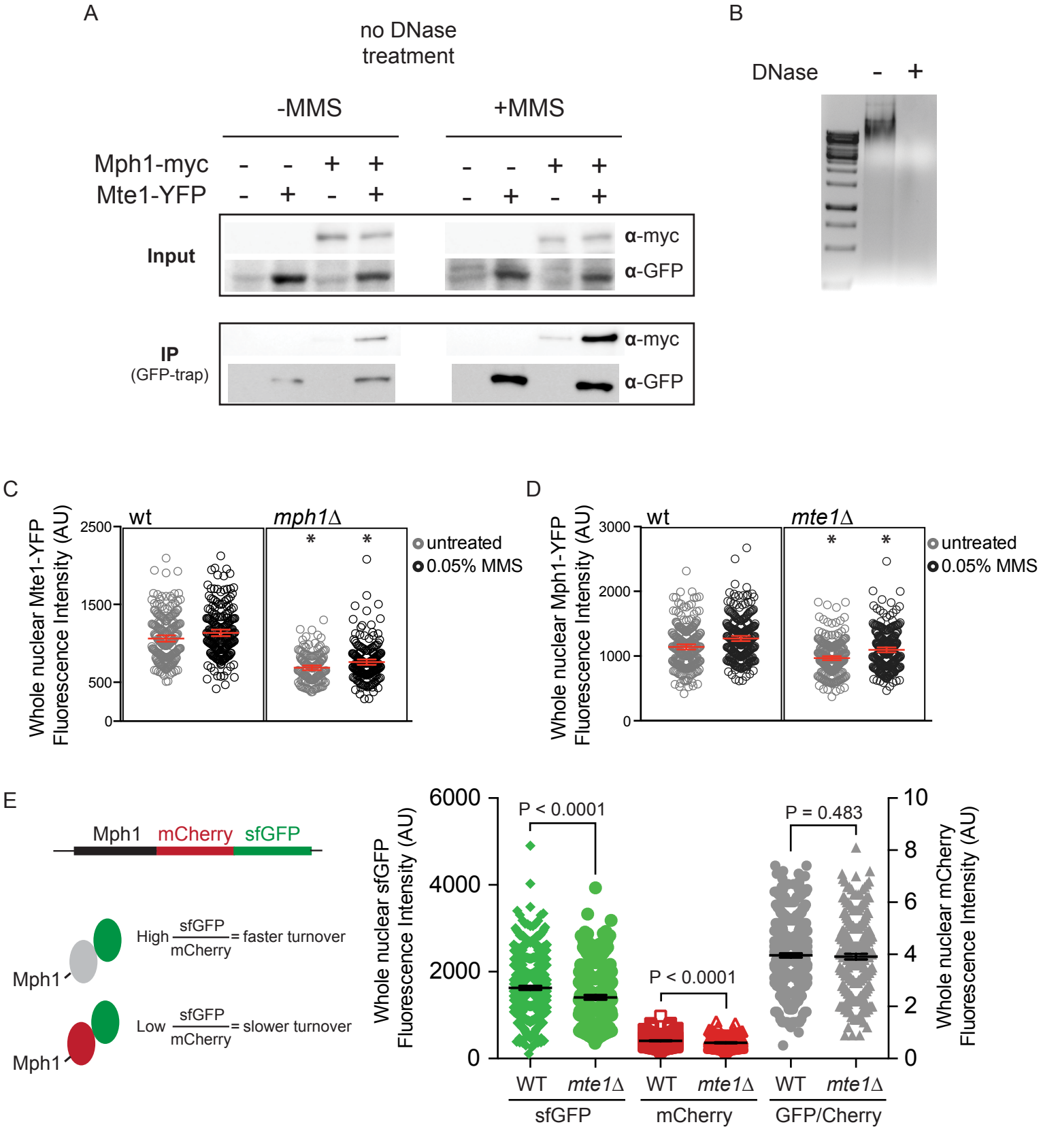Silva_Supplementary Figure 1