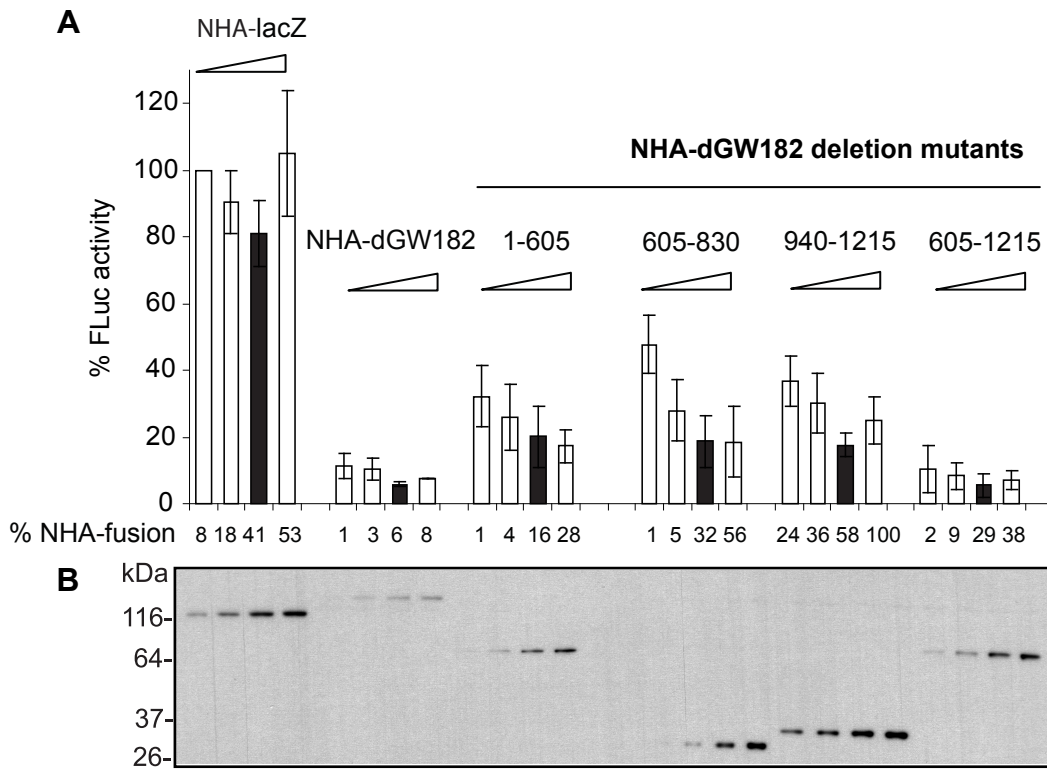




Supplementary Figure 1. Effects of expression levels of dGW182 domains on their repressive properties. (A) Repression of FLuc-boxB mRNA by NHA-dGW182 and its deletion mutants. The assay was performed and analyzed essentially as in Figure 1C, except for the fact that different amounts of plasmids expressing for NHA-fusions were tested (100, 200, 400, and 800 ng per well of 12-well plate). Values are presented as a percentage of firefly luciferase produced in the presence of the highest NHA-lacZ concentration (corresponding to 800 ng plasmid per well). Black bars correspond to concentrations used throughout the study (400 ng NHA-fusion plasmid per well). (B) Amounts of NHA-fusion proteins expressed were analyzed by western blotting with anti-HA antibodies, the bands were quantified, and the data are presented as % NHA-fusion expression *above* the lanes of the gel and *below* the bars showing repression effects of NHA-fusions on tethered mRNA. Expression of NHA-940-1215 at 800 ng plasmid transfected per well was taken as 100%, and remaining values are related to it.