



FIGURE 2. Example of a GST pull-down assay. MCF7 cells expressing a wild type (DLVD) or mutant (DLVA) form of a protein of interest (HEF1), under the control of a tetracycline-repressible promoter, were lysed and probed for interaction with a series of potential interacting peptides (Pep 2, 25, and 16) fused to GST or with a negative control of Sepharose beads only (b). A specific interaction between the protein and peptide number 2 is detected by western analysis of proteins bound to GST-peptide beads versus beads alone (b). Amount of GST-peptide fusion in each reaction shown in lower panel (GST-pep).

Protein-Protein Interactions: A Molecular Cloning Manual, 2nd Ed., © 2005 by Cold Spring Harbor Laboratory Press, Chapter 6, Figure 2.