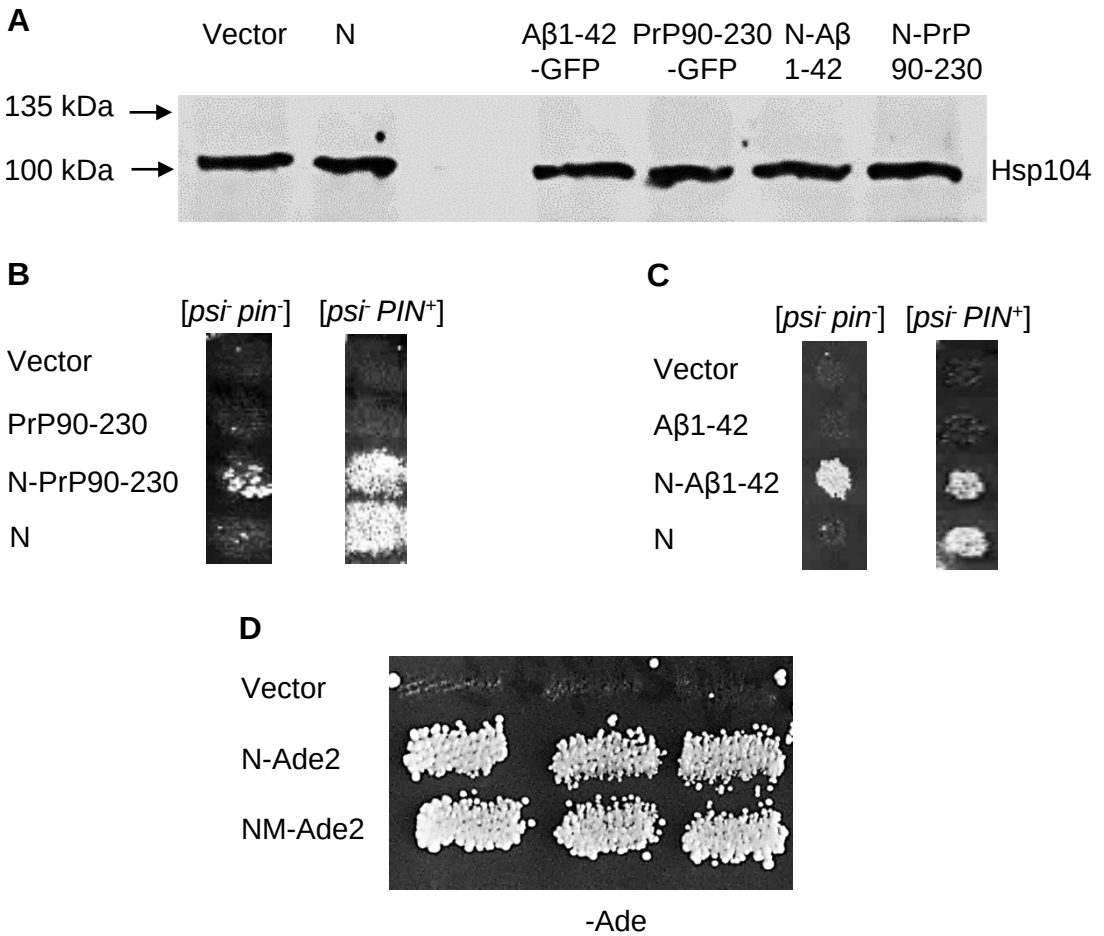

Figure S3. Additional characterization of chimeric constructs in yeast. (A) Lack of Hsp104 induction by chimeric constructs. Cultures were grown in the synthetic medium selective for the plasmids. Expression of a respective chimeric construct (as indicated) was induced with the addition of 100 μM $CuSO_4$. Proteins were isolated and run on SDS-PAGE, followed by Western blotting and reaction to the anti-Hsp104 antibody. Protein levels were normalized using Bradford assay (BioRad). (B) and (C) [*PSI*$^+$] induction by chimeric constructs, bearing PrP90-230 (B) or Aβ1-42 (C), in various prion backgrounds. [*PSI*$^+$] formation is detected on –Ade medium after transient overproduction of respective constructs from the P_{CUP1} promoter, induced by addition of 100 μM $CuSO_4$. (D) Functionality of the Ade2-based chimeric constructs. Plasmids expressing the Sup35N-Ade2 and Sup35NM-Ade2 constructs compensate for the growth of a yeast strain, bearing the *ade2* mutant allele, on the medium lacking adenine.