Supplementary Material

Cryptochrome is a regulator of synaptic plasticity in the visual system of *Drosophila melanogaster*

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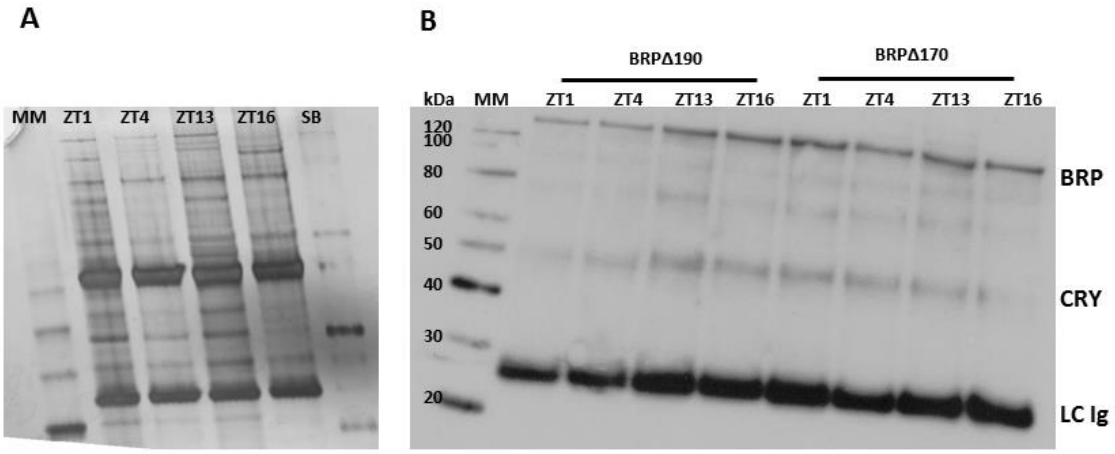

Fig.S1 **BRP forms multiprotein complexes *in vivo***. BRP was precipitated from whole head protein extracts at four time points: ZT1, ZT4, ZT13, ZT16 and then incubated with nc82 antibodies bound onto magnetic beads (Dynabeads). (**A**) Co-immunoprecipitating (coIP) proteins from Canton S flies were resolved by PAGE and then visualized by silver staining on gel. The figure shows that dozens of different proteins may bind to BRP. MM - MagicMark marker, SB- SeaBlue marker. (**B**) coIP proteins from mutants $brp^{\Delta 190}$ and $brp^{\Delta 170}$ were analyzed by Western blot and then probed with α-BRP and α–CRY primary antibodies. The blot shows the 170kDa and 190kDa BRP isoforms, respectively and a weak signal for the coIP CRY. We can detect a strong cross-hybridization signal from the light chain Immunoglobulin (LC Ig), whereas the secondary antibodies used in this reaction did not recognize the heavy chain Ig. MM- Magic Mark marker.