

**Figure S5.**

Depletion of LIS-1-related targets by RNAi enhances the convulsive phenotype of a GABA synthesis mutant, *unc-25* (*e156*). Notably, the knockdown of these proteins using 0.5% (A) or 0.25% (B)  $\beta$ -lactose results in a significant increase in convulsions following 2.5 mg/ml PTZ exposure ( $*p < 0.05$ ).

**Supplementary Reference**

1. Hayashi, M.A., Portaro, F.C., Bastos, M.F., et al., 2005. Inhibition of NUDEL (nuclear distribution element-like)-oligopeptidase activity by disrupted-in-schizophrenia. Proc. Natl. Acad. Sci. U.S.A., 102, 3828-3833.