

Supplementary Fig. S4. *Ex vivo* degradation bioassays

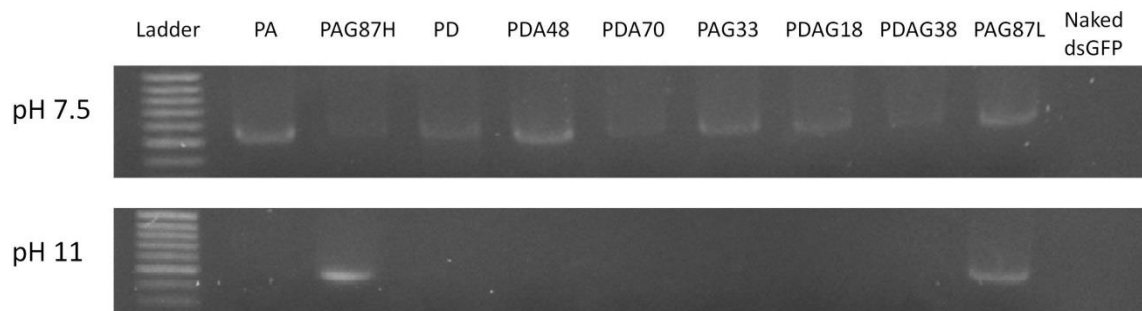


Fig. S4. *Ex vivo* degradation assays. Naked dsRNA or polymer-dsRNA complexes (4:1 N/P ratio) were incubated in *Spodoptera exigua* gut juice for 2 hours. After incubation, SDS was added to stop the degradation reaction and decomplex the polymer-dsRNA complexes. Afterwards, the sample was loaded on a 1.5% agarose gel for electrophoresis. PAG87L is a lower molecular weight version of the PAG87H polymer.