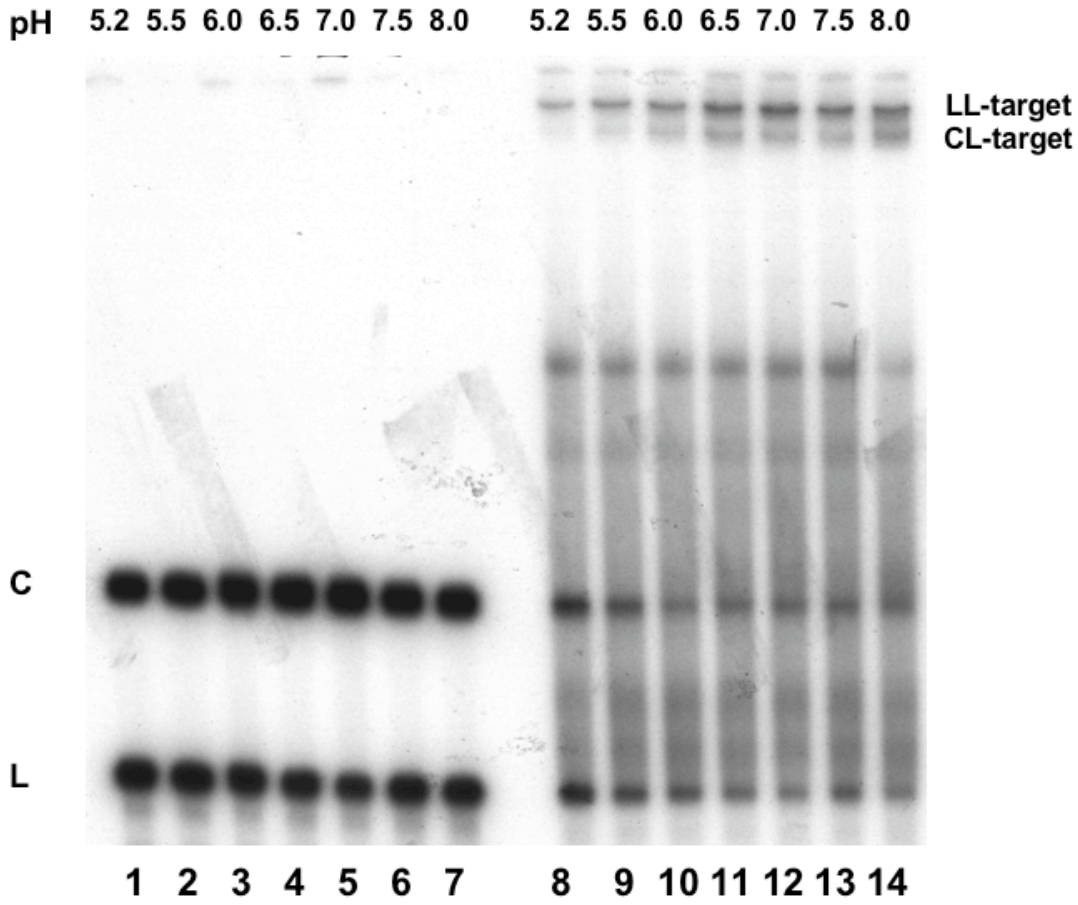

Supplementary Figure 2. pH-dependence of features of Lasso ATR1, capable of triplex formation with its TNF709 RNA target. Lanes 1–6 show internally ^{32}P-labeled, gel-purified linear (LL) and circular (CL) Lasso forms that undergo interconversion through self-ligation and self-cleavage, respectively, after incubation in 50 mM buffer (at the pH indicated) and 10 mM $MgCl_2$ for 1 hr at 37ºC. Lanes 8–14 are the same as 1–6 with excess (1.5 µM) non-radioactive TNF709 target RNA added. Universal buffer solutions (Dean, 1985) containing appropriate sodium acetate-borate-phosphate mixtures were used to provide the indicated pH values. The products were analyzed on denaturing 6% polyacrylamide gels (8 M urea).

Dean, J.A., ed. 1985. *Lange's handbook of Chemistry*, 13th edition. McGraw-Hill, New York.