

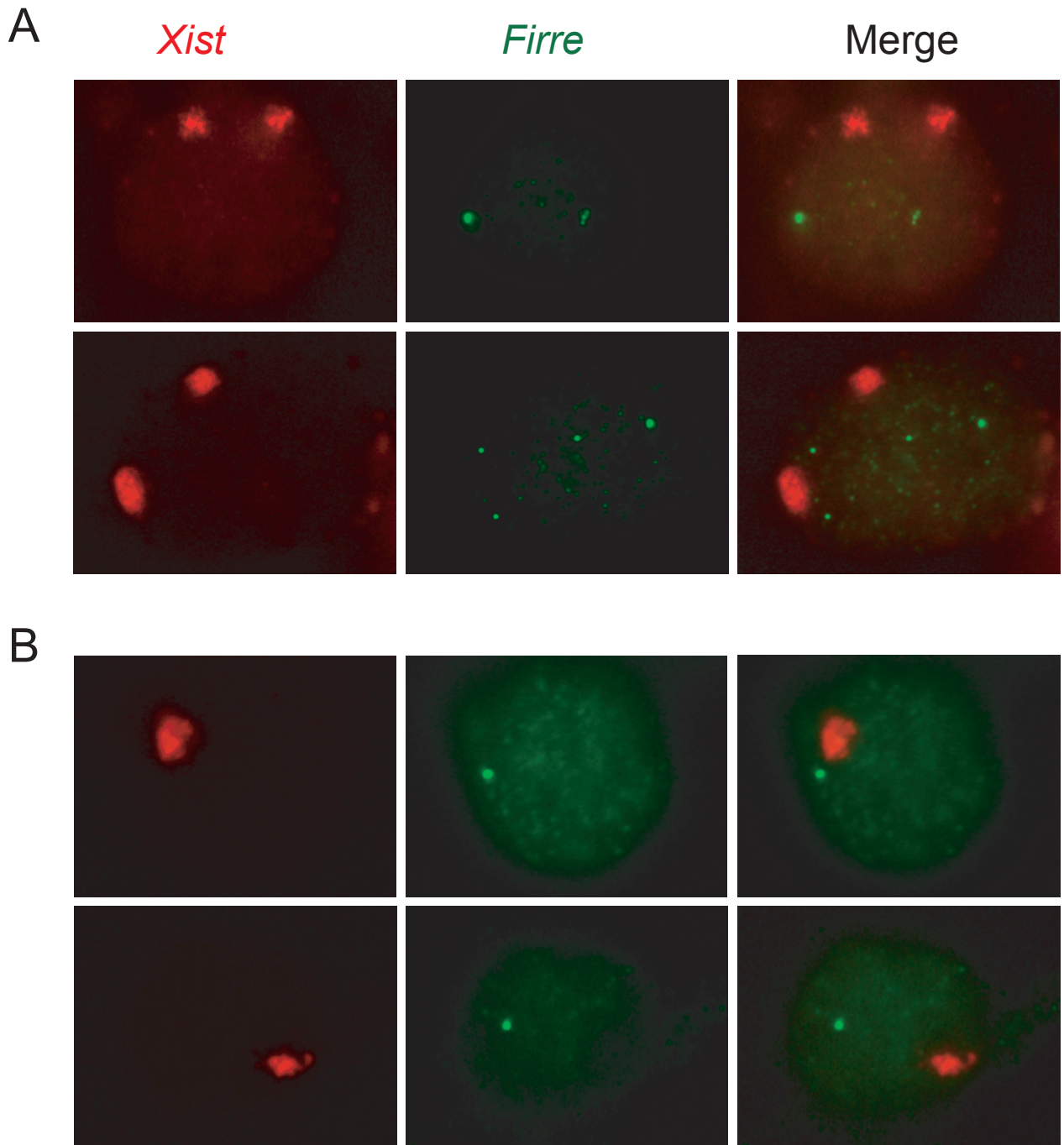


Figure S3 . RNA FISH fails to detect *Firre* transcripts on the Xi in female MEFs (A) and primary neurons (B). **(A)** Examples of nuclei subject to RNA-FISH to detect *Xist* (red) and mark the Xi, and to detect *Firre* (green). Note that one or more bright *Firre* signals were detected but none overlapped with the two *Xist* clouds, which marked the two Xi in this MEF line. **(B)** Same analysis in primary neurons in which only one Xi is present.