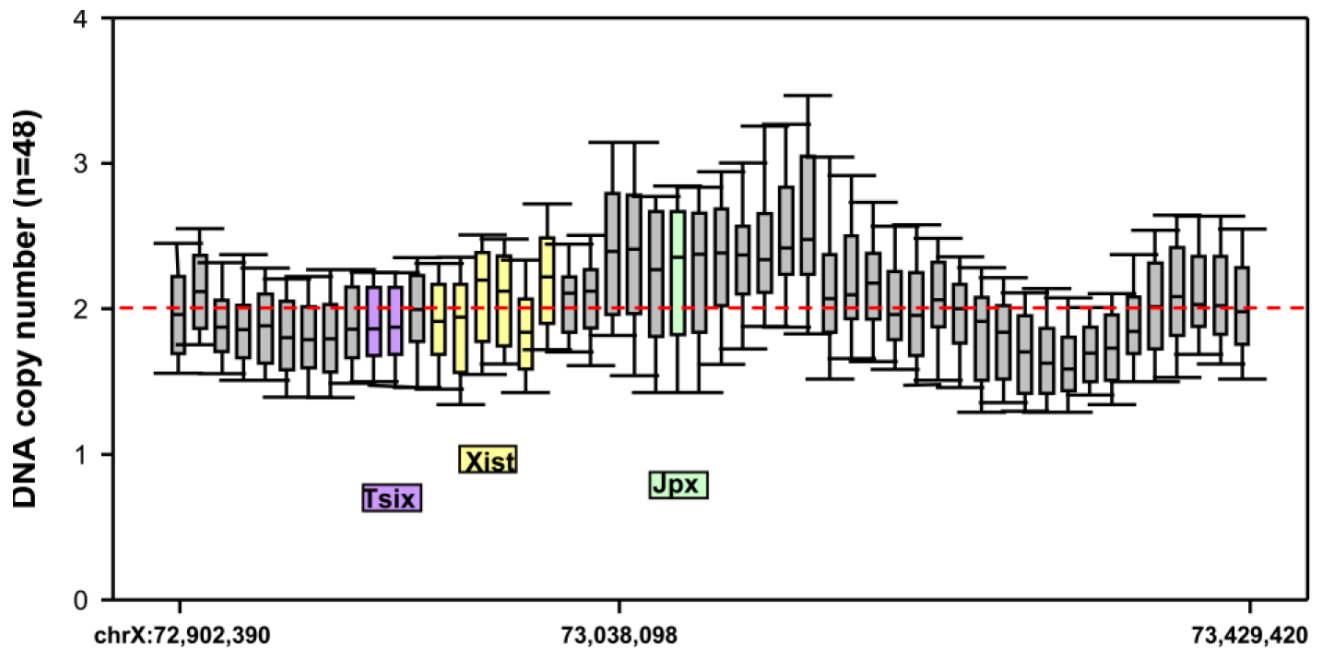
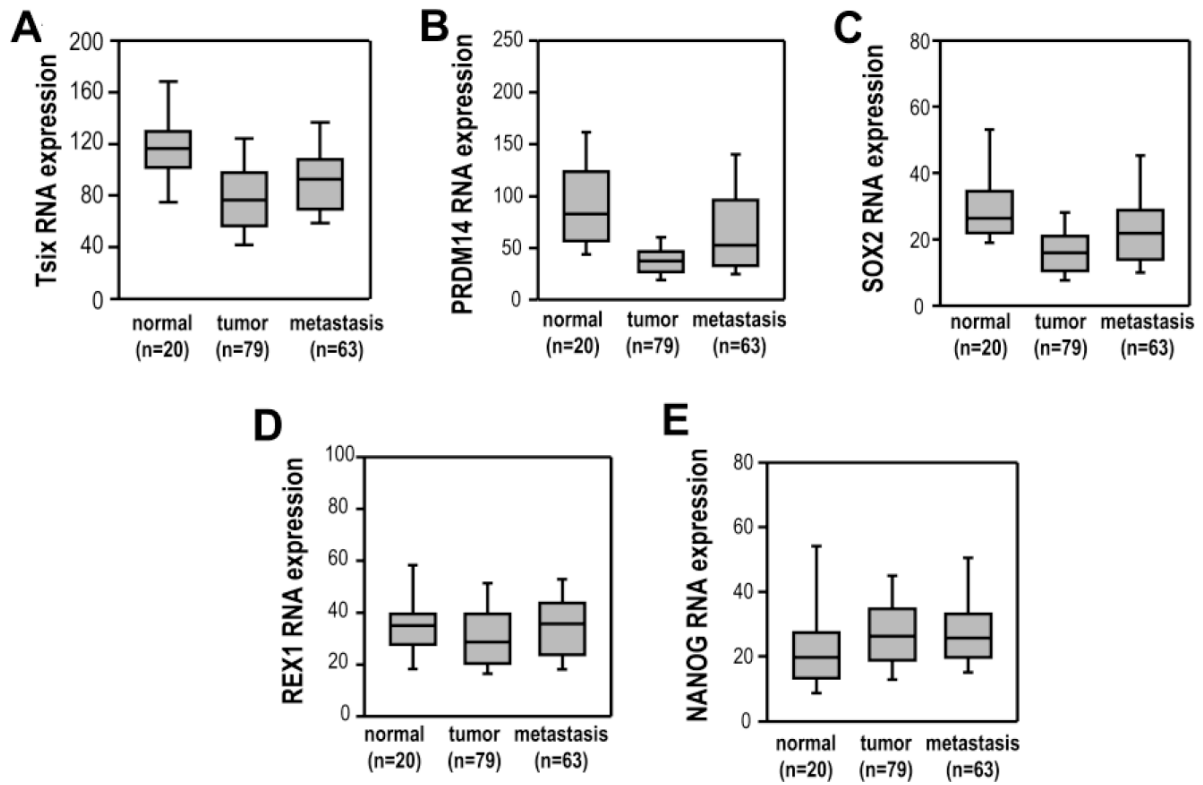


***Xist* reduction in breast cancer upregulates AKT phosphorylation via HDAC3-mediated repression of PHLPP1 expression**

Supplementary Materials



Supplementary Figure S1: DNA copy number at the locus of *Xist*, *Tsix* and *Jpx* in clinical breast cancers. The regions displayed include chromosome X from 72,902,390 to 73,429,420. The locations of *Xist*, *Tsix*, and *Jpx* are indicated.



Supplementary Figure S2: The expression levels of the *Xist* negative regulators were not increased in breast cancer samples. (A–E) Analyses of *Tsix*, *PRDM14*, *SOX2*, *REX1* and *NANOG* expression levels in breast normal and tumor samples using the GEO data sets.