



Supplemental Figure S1. Expression of human X-palindrome gene families. Heatmap shows z-score for each expressed gene (>2 TPM in at least one tissue) across 25 tissues from GTEx, with row and column order determined by hierarchical clustering. Expression category: Shows whether expression is testis-biased (red) or broad (black). Testis-biased: Minimum 2 TPM in testis, and testis accounts for >25% of log₂ normalized expression summed across all tissues. Broad: All other expressed genes.