



**Figure 4.** Tissue specificity annotation across grouped tissues. **A** Population of tissue specificity gene categories. Each gene is assigned one of five tissue specificity categories: tissue enriched, tissue enhanced, low tissue specificity or not detected. Total number of genes: 22,245. Categorization at the grouped tissue hierarchy level. **B** Populations of tissue specificity categories showing only tissue elevated genes. Number of tissue elevated genes range from 40 (vein) to 2896 (testis) genes. **C** Upper panel, histogram showing the population distribution of the tau scores across all grouped tissues. Lower panel, violin plot depicting the tau scores presented in the upper panel split up by specificity distribution category. Tau score for non-detected genes (nTPM < 1) to NA. **D** Alluvial plot depicting the number of genes assigned to each tissue distribution and specificity category and the resulting overlap. Both distribution and specificity are here calculated at the grouped tissue level.