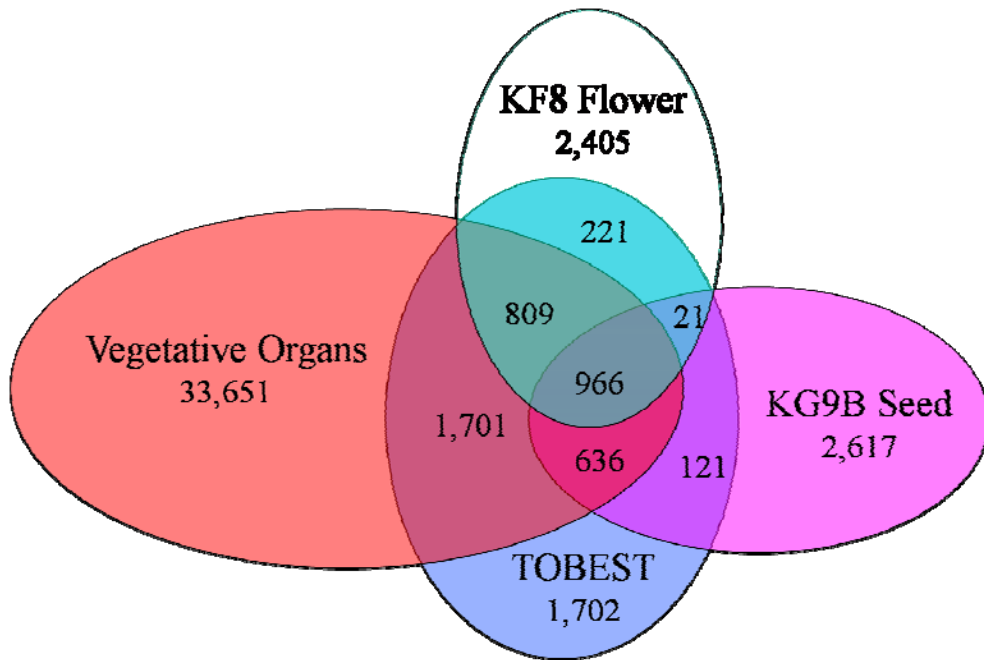


A



Total number of ESTs in each of the cDNA libraries:

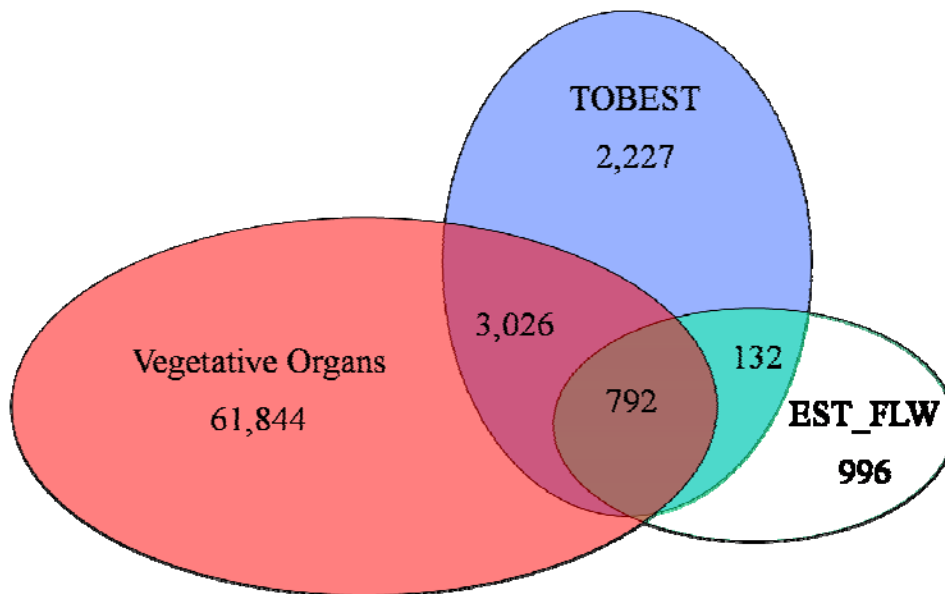
ESTobacco

- KF8B (Flower) – 1,258
- KF8C (Flower) – 3,164
- KL4B (Leaf Lamina) – 4,540
- KL5B (Leaf Lamina) – 3,755
- TL13 (Leaf Lamina) – 3,205
- BL12 (Leaf Lamina) – 1,938
- KN6B (Leaf Midrib) – 5,150
- KT7B (Leaf Stem) – 1,368
- KT7C (Leaf Stem) – 3,476
- KR2B (Root) – 4,351
- KR3B (Root) – 5,288
- KG9B (Seed) – 4,361
- KP1B (Seedling) – 4,692

TOBEST

Stigma/Style – 11,216 (6,177 clusters)

B



Total number of ESTs in each of the cDNA libraries:

AGN_ELP (Expanded Leaf EST) – 9,984
AGN_RNC (Root Normalized EST) – 22,174
AGN_RPC (Root Primary Cluster) – 9,984
CHO_SL (Senescent Leaf EST library) – 11,040
EST_AXB (Axillary Bud EST library) – 1,536
EST_CSP (Cold Stressed Plant EST library) – 6,912
EST_FLW (Flower EST library) – 1,920
EST_YP (Young Plant EST library) – 1,536
SAL_KST (Root Normalized EST library) – 2,496

TOBEST

Stigma/Style – 11,216 (6,177 clusters)

Supplemental Figure S4: Venn diagrams showing the overlap between the transcriptome datasets contained at the ESTobacco (**A**) and TGI – NCSU (**B**) sites (available in July 2008) with the TOBEST. Note that the numbers represent the individual reads of each of the ESTobacco and TGI cDNA libraries without assembly of the sequences into the corresponding clusters, while for the TOBEST dataset the numbers represent clusters (transcripts/genes).