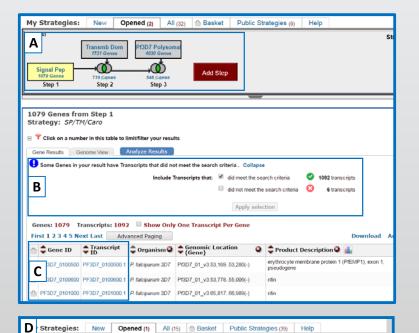
## **Searches Now Return Transcripts - Explore Trancripts in Your Search Result.**

Transcript subsets occur when a multi-transcript gene has at least one transcript that does not meet the search criteria. For example, the Predicted Signal Peptide search returns genes and transcripts with predicted signal peptides. If one transcript of a multi-transcript gene excludes the exon containing the signal peptide, the search returns the gene but not the signal peptide-deficient transcript. The explore tool offers a filter for returning transcripts that did not meet the search criteria (B). When combining two search results where both searches query transcript specific data, the explore tool offers further filters for viewing transcripts that were returned by both searches, either search or neither search (E).



- A. PlasmoDB 3-step strategy that returns Signal Peptide and Transmembrane domain containing genes that are likely translated based on polysomal transcriptomics data.
- B. The Explore Transcript Tool: Click the box of the subset you want to view and then Apply Selection. The search strategy will be filtered, and the result table populated, with your chosen result.
- C. The Gene Result tab contains a column of Transcript IDs.
- D. The same 3-step strategy focused on the second step result. (Click Step 2's Venn diagram to populate the table with those results.)
- E. The Explore Tool with options to view transcript subsets.
- F. View of Transcripts that did not meet the search criteria. Filters are applied to search strategy and transcript subsets are shown in the table.

