Potential miRNA Targets

SmallRNA Libraries (A, B, C)
- Select signatures 18-25nt, >1RPM
  - Map to known miRNAs
    - Select signatures 19-23nt, >1RPM
      - Search for pri-miRNAs
        - Remove smRNAs matching RE
          - miRNA Database
          - cDNA Database
          - RE Database

Degradome Libraries (A, B, C)
- Map to cDNAs
  - Degradome peak signatures
    - Target sequence signatures (TSS)
      - Target prediction using psRNAtarget
        - (1) Known Hv-miRNAs
        - (2) New Hv-miRNAs
        - (3) 19-23nt smRNAs
          - Potential miRNA Targets