```
//Reverse Transcription Rxn Process
#if Enzyme_Wrangling_RT
    #if Prime_For_RT
            Prime Sample                                  # Sample RNA Prime = 2
            Prime Ras1R                                   # Ras1R RT Buffer Prime = 1
    #endif
    #if Mix_RT_Rxn
            Mix RT Rxn in Out1
    #endif                                                # RT Rxn Mixing = 14
    #if Fluorinert_Out1
            Fluorinert Priming                            # Ras4R Fluorinert Prime = 5
            Insert Fluorinert into Out1                   # Ras4R Fluorinert Insert = 30
    #endif
#endif
//Second Strand Synthesis Rxn Process
#if Enzyme_Wrangling_2ndStrand
    #if Prime_For_2ndStrand
            Prime RTproduct                               # RT Product Prime = 31
            Prime Ras2R                                   # Ras2R Buffer Prime = 2
    #endif
    #if Mix_2ndStrand_Rxn
            Mix Second Strand Rxn in Out2                 # Second Strand Mixing = 23
    #endif
    #if Fluorinert_Out2
            Fluorinert Priming                            # Ras4R Fluorinert Prime = 5
            Insert Fluorinert into Out2                   # Ras4R Fluorinert Insert = 25
    #endif
#endif
//In Vitro Transcription Rxn Process
#if Enzyme_Wrangling_IVT
    #if PreIVT_Empty_Out1
            PreIVT Empty Out1
    #endif
    #if PreIVT_Out1_Rinse_Cycle
            PreIVT Out1 Rinse Cycle                       # Out1 Rinse = 20
    #endif
    #if Prime_For_IVT
            Prime 2nd Strand Synthesis Product            # Second Strand Product Prime = 26
            Prime Ras3R                                   # Ras3R IVT Buffer Prime = 3
    #endif
    #if Mix_IVT_Rxn
            Mix IVT Rxn into Out1                         # IVT Rxn Mixing = 64
    #endif
    #if Fluorinert_Out1
            Fluorinert Priming                            # Ras4R Fluorinert Prime = 5
            Insert Fluorinert into Out1_IVT               # Ras4R Fluorinert Insert = 20
    #endif
#endif
//Speedbeads purification of aRNA product
Bead Wrangling
```

Figure 27