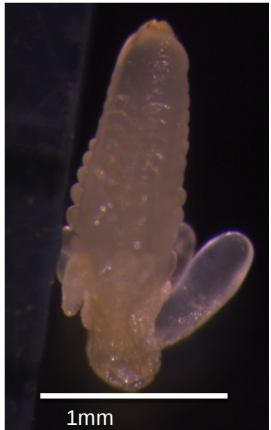
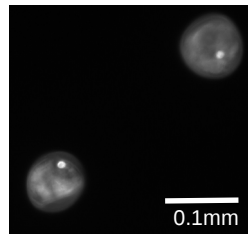


## Sequenced male gametophyte developmental stages

**TP**  
**Tassel**  
**primordia**  
(pre-meiosis)



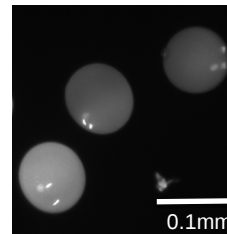
**MS**  
**Microspore**  
(post-meiosis)



DAPI stained MS

Isolation/separation  
by Percoll gradient

**MP**  
**Mature pollen**



DAPI stained MP

**SC**  
**Sperm cell**



Dye cycle green stained SC

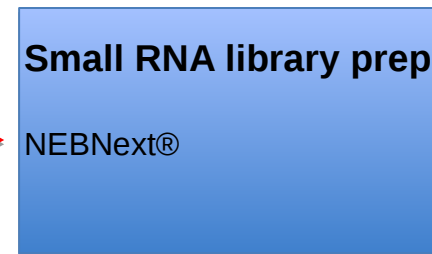
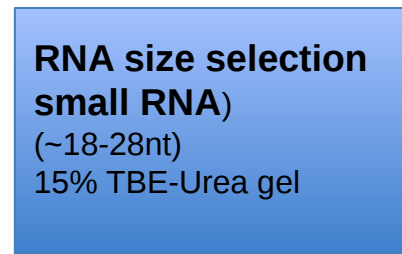
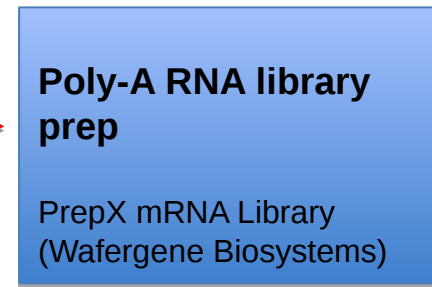
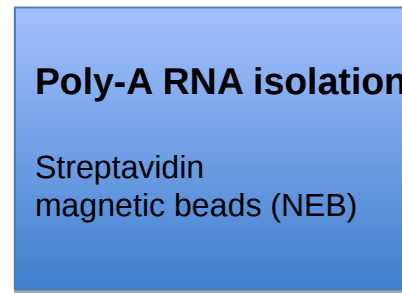
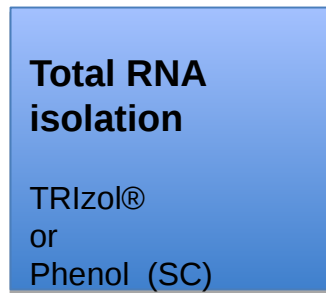
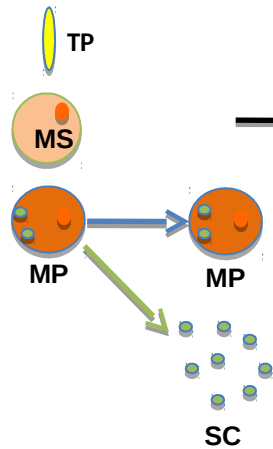
Isolation by Percoll cushion

Also SC

**Diploid** ← **Haploid**

# RNA Libraries for Sequencing - preparation

## Samples



TP = Tassel primordia  
MS = Microspore  
MP = Mature pollen  
SC = Sperm cell  
● = Vegetative nucleus