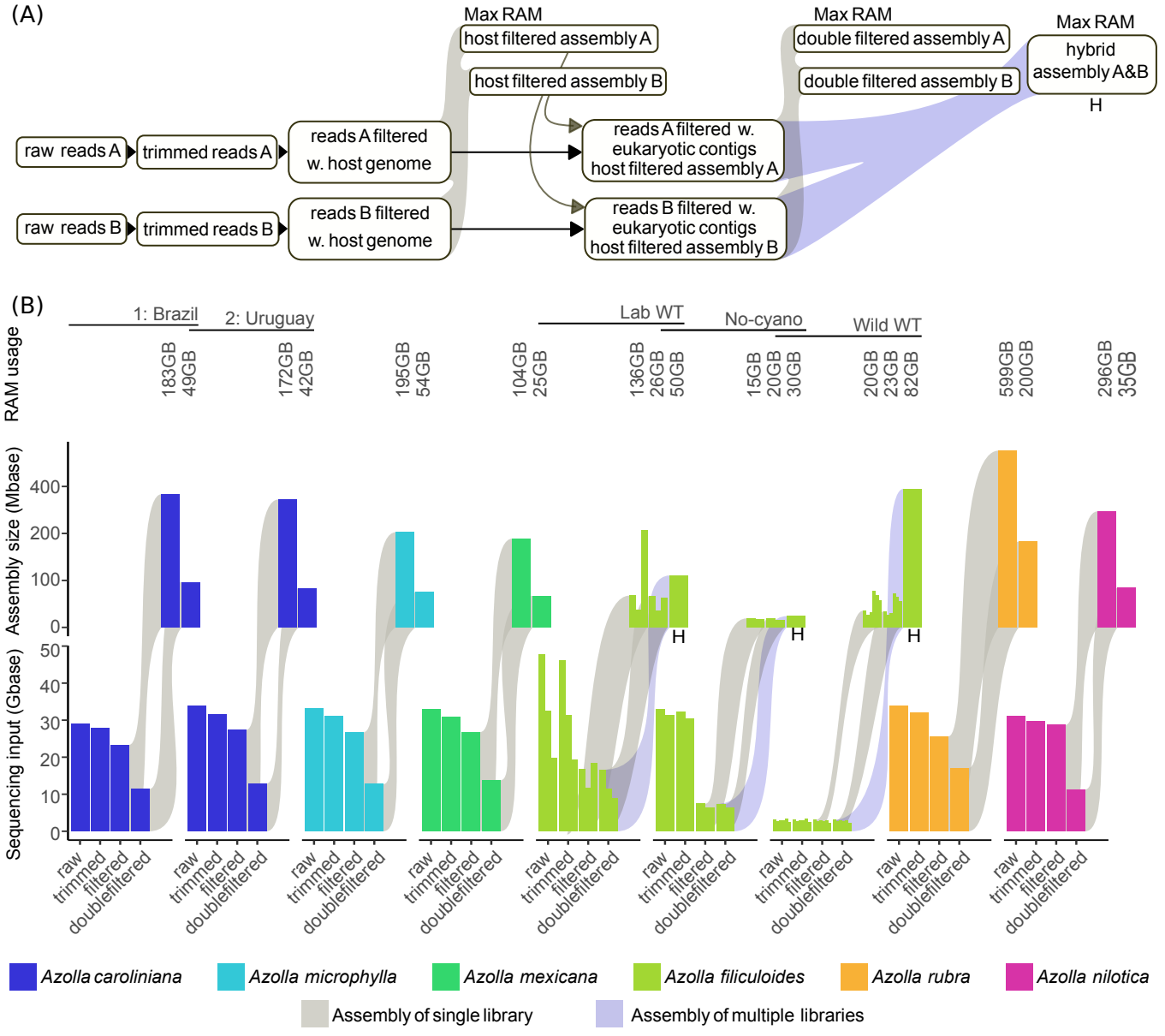
(A)
Max RAM
host filtered assembly A
host filtered assembly B
Max RAM
double filtered assembly A
double filtered assembly B
Max RAM
hybrid assembly A&B
H
raw reads A
trimmed reads A
reads A filtered w. host genome
reads A filtered w. eukaryotic contigs host filtered assembly A
raw reads B
trimmed reads B
reads B filtered w. host genome
reads B filtered w. eukaryotic contigs host filtered assembly B
(B)
1: Brazil
2: Uruguay
Lab WT
No-cyano
Wild WT
RAM usage
183GB 49GB
172GB 42GB
195GB 54GB
104GB 25GB
136GB 26GB 50GB
15GB 20GB 30GB
20GB 23GB 82GB
599GB 200GB
296GB 35GB
Assembly size (Mbase)
Sequencing input (Gbase)
raw
trimmed
filtered
doublefiltered
Azolla caroliniana
Azolla microphylla
Azolla mexicana
Azolla filiculoides
Azolla rubra
Azolla nilotica
Assembly of single library
Assembly of multiple libraries