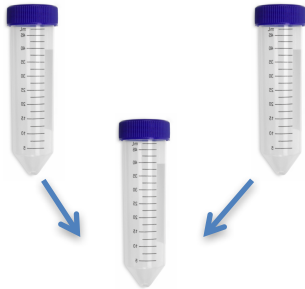


**Day 1 –
Start overnight cultures**



Bait -Trp Library -Leu

**Day 2 –
Mating**



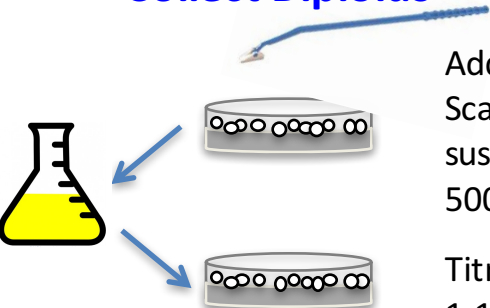
YPD plate

Spin down, wash,
resuspend YPDA

Mix 1:1:1, shake 90-
130rpm, 90 min,

Spin down
Resuspend 1:1, plate all,
incubate
30C overnight

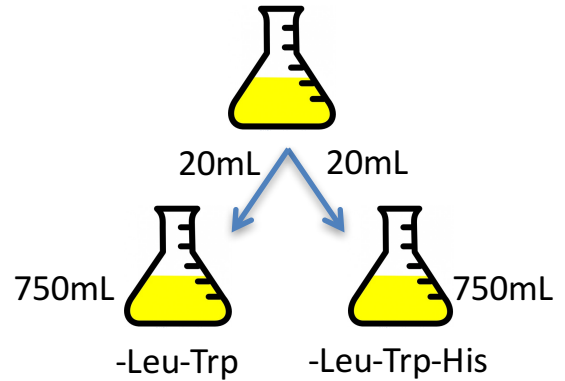
**Day 3 –
Collect Diploids**



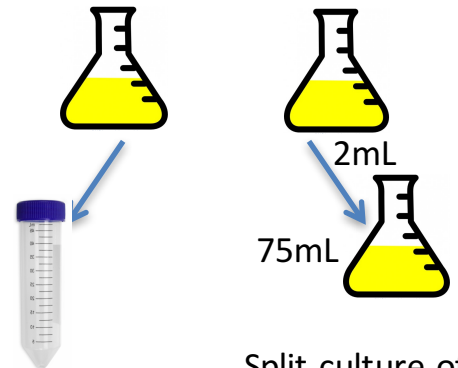
Add SD media to plate
Scape cells into
suspension and grow in
500 mls –Leu-Trp media

Titrate: Plate
1:10,000 on
–Leu-Trp

**Day 5 –
Split diploid cultures
for selection and non-selection**



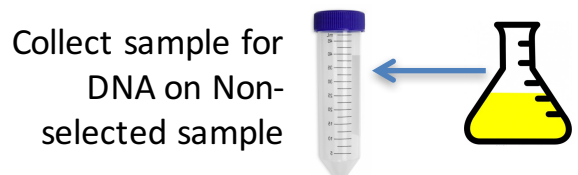
**Day 6 –7
Collect Non-selected yeast
Split Selected yeast for more
growth**



Collect
sample for
DNA on Non-
selected
sample

Split culture of
population
under selection
into fresh SD-
Leu-Trp-His
media 2:75

**Day 9
Collect Selected yeast**



Collect sample for
DNA on Non-
selected sample