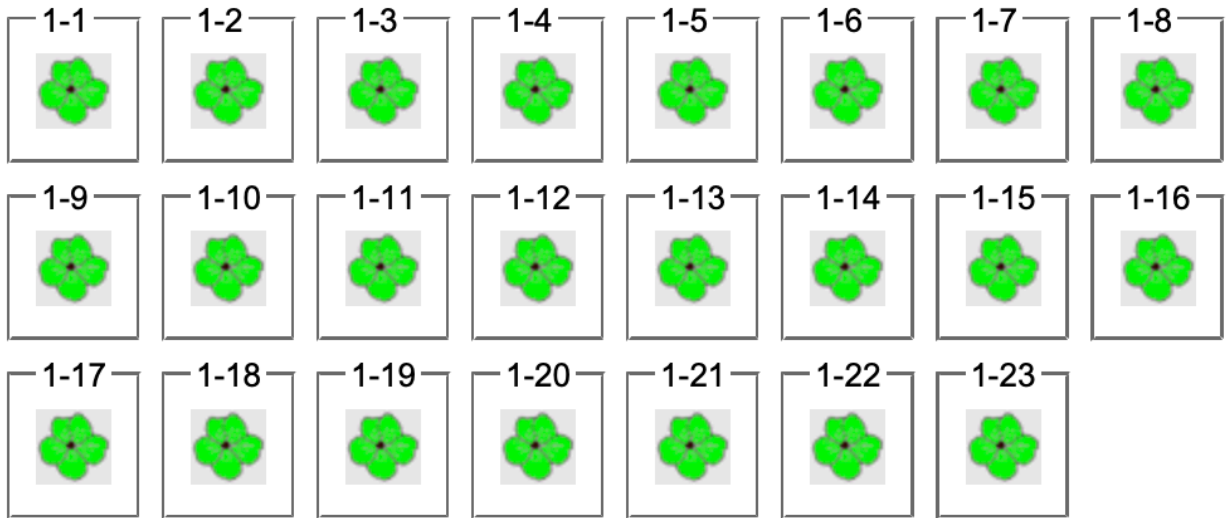


Steps in Making a Purple Flower: Lab notebook

1)

Tray 1: Green-1 self-cross



2) Tried a Green-White Cross

Upper Workpanel

Tray 2: Green-1 X White

content

3) Self Crossed Green-1

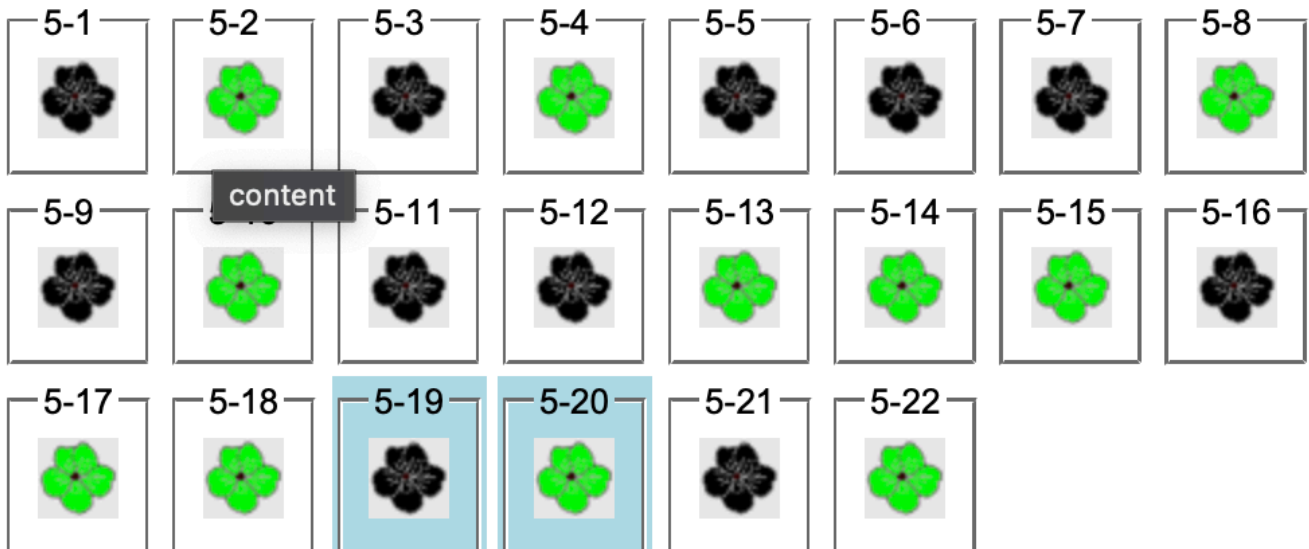
Tray 3: 2-1 self-cross



4) Crossed Red with Green

Crossing the two
- Upper Workpanel

Tray 5: 3-12 X Red



Cross Two Organisms

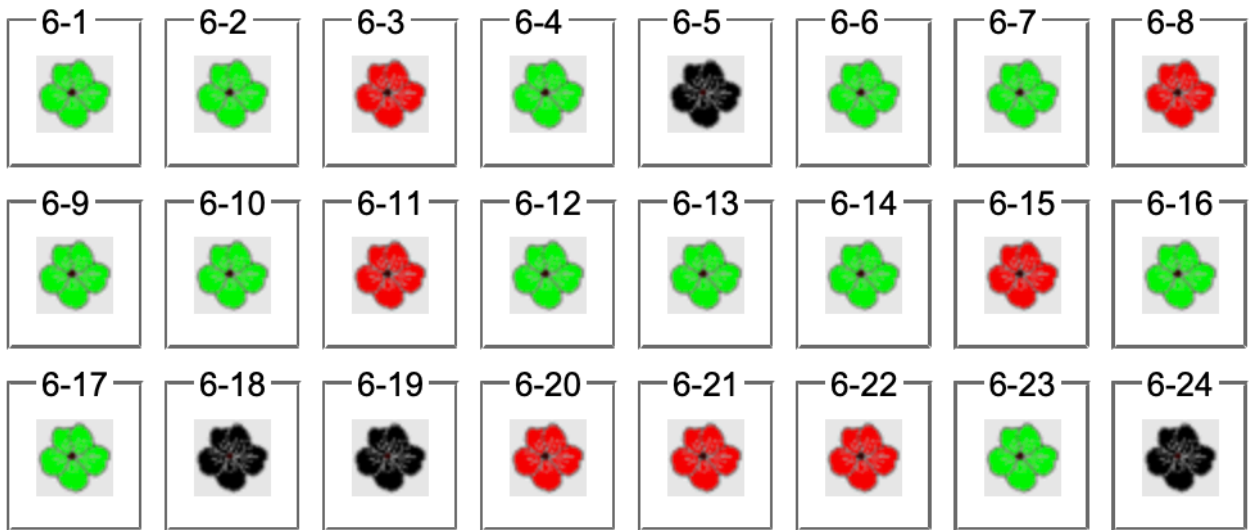
Self-cross One Organism

Mutate One Organism

led to

Upper Workpanel

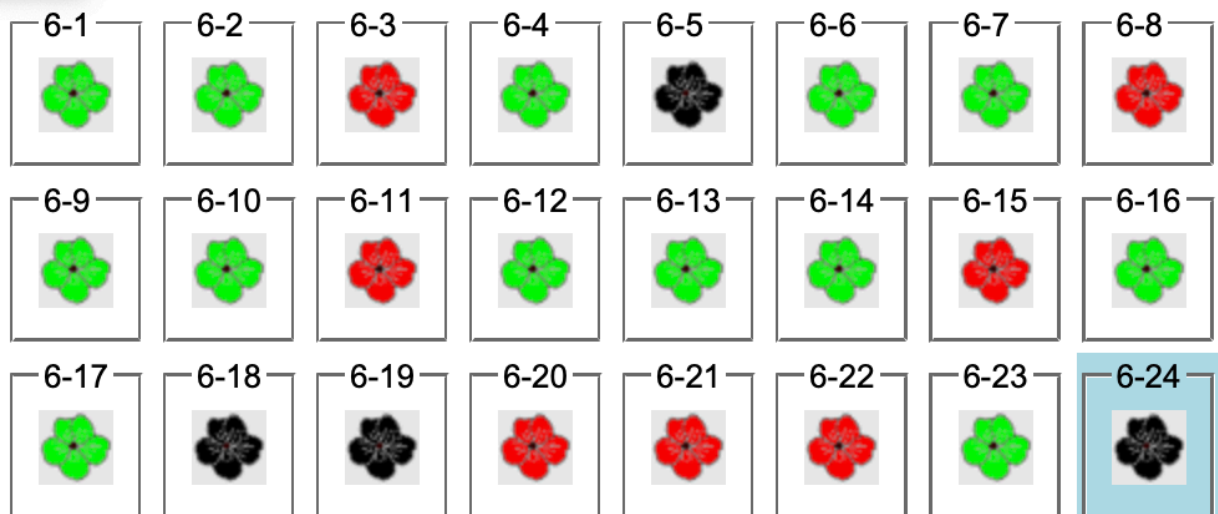
Tray 6: 5-20 X 5-19



Self Cross Black

Upper Workpanel

content 6: 5-20 X 5-19



Cross Two Organisms

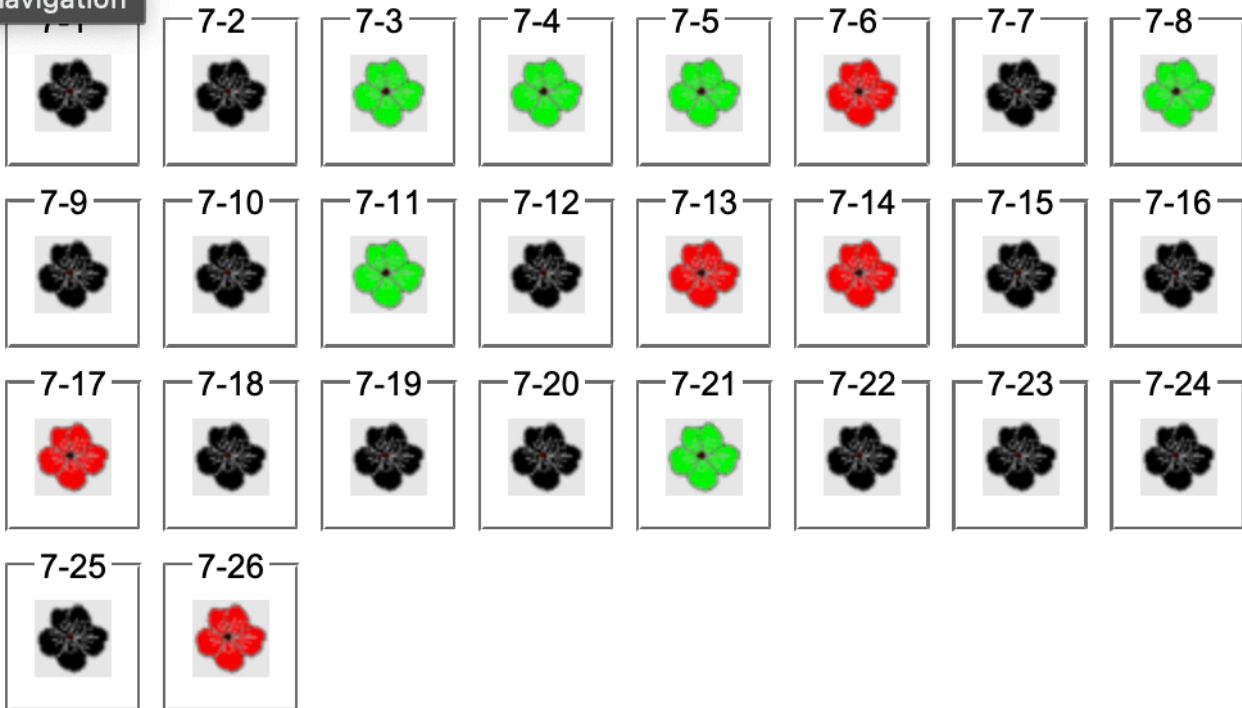
Self-cross One Organism

Mutate One Organism

Self Crossed

Tray 7: 6-24 self-cross

navigation



Cross Two Organisms

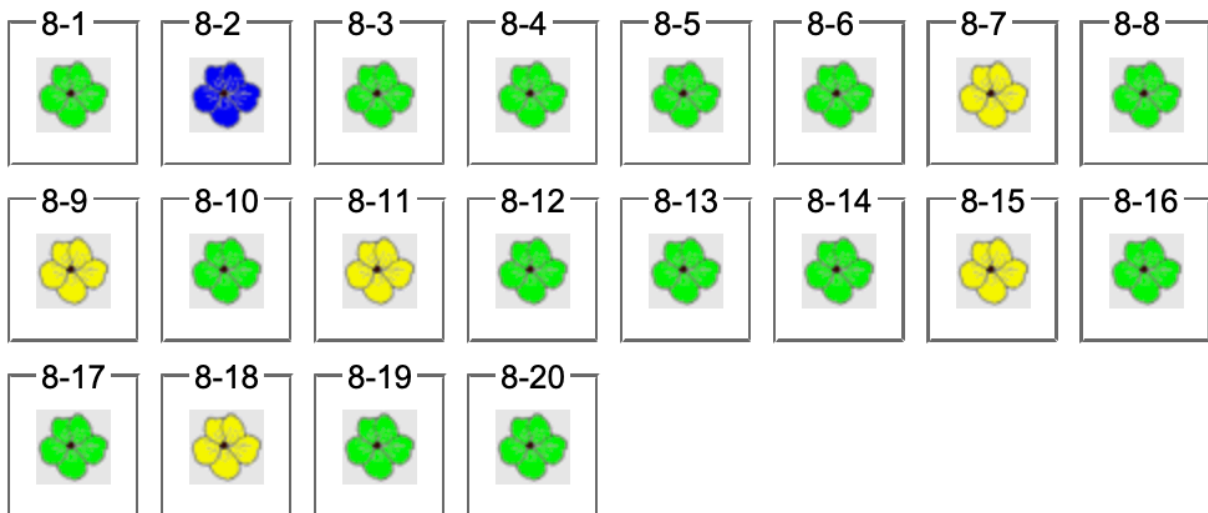
Self-cross One Organism

Mutate One Organism

Self Crossed Green-2

Lower Workpanel

Tray 8: Green-2 self-cross



Cross Two Organisms

Self-cross One Organism

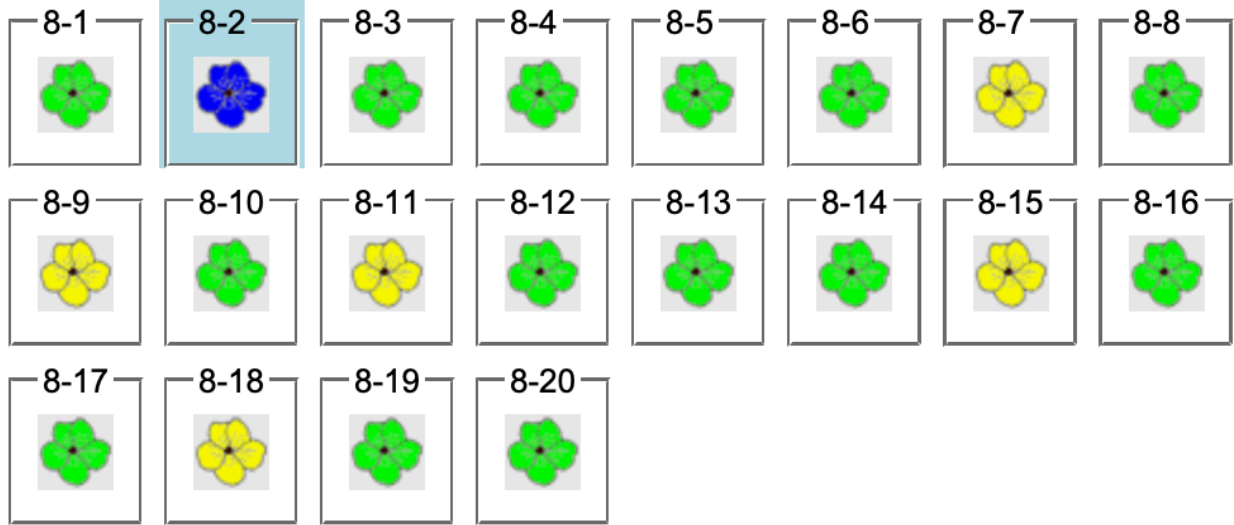
Mutate One Organism

cor

Self Cross

Lower Workpanel

Tray 8: Green-2 self-cross



Cross Two Organisms

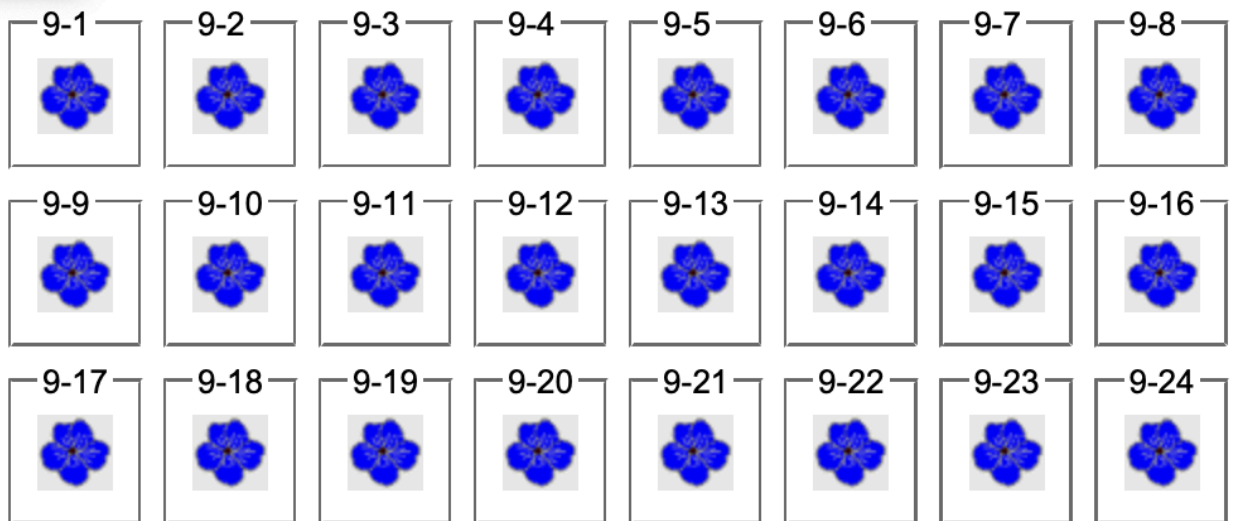
Self-cross One Organism

Mutate One Organism

Self Crossed result

Lower Workpanel

content 9: 8-2 self-cross

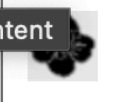



















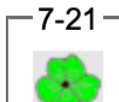







One more time to verify that it will continue to result in blues

Crossed

Tray 7: 6-24 self-cross

content

7-1	7-2	7-3	7-4	7-5	7-6	7-7	7-8
							
7-9	7-10	7-11	7-12	7-13	7-14	7-15	7-16
							
7-17	7-18	7-19	7-20	7-21	7-22	7-23	7-24
							
7-25	7-26						
							









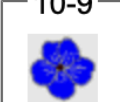
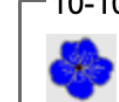
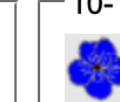
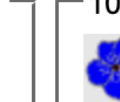

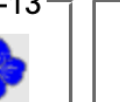
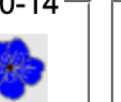
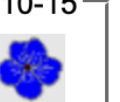


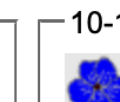
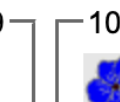
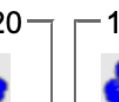





Cross Two Organisms

Self-cross One Organism

Mutate One Organism

Lower Workpanel

Tray 10: 9-18 self-cross

10-1	10-2	10-3	10-4	10-5	10-6	10-7	10-8
							
10-9	10-10	10-11	10-12	10-13	10-14	10-15	10-16
							
10-17	10-18	10-19	10-20	10-21	10-22	10-23	10-24
							
10-25	10-26						
							

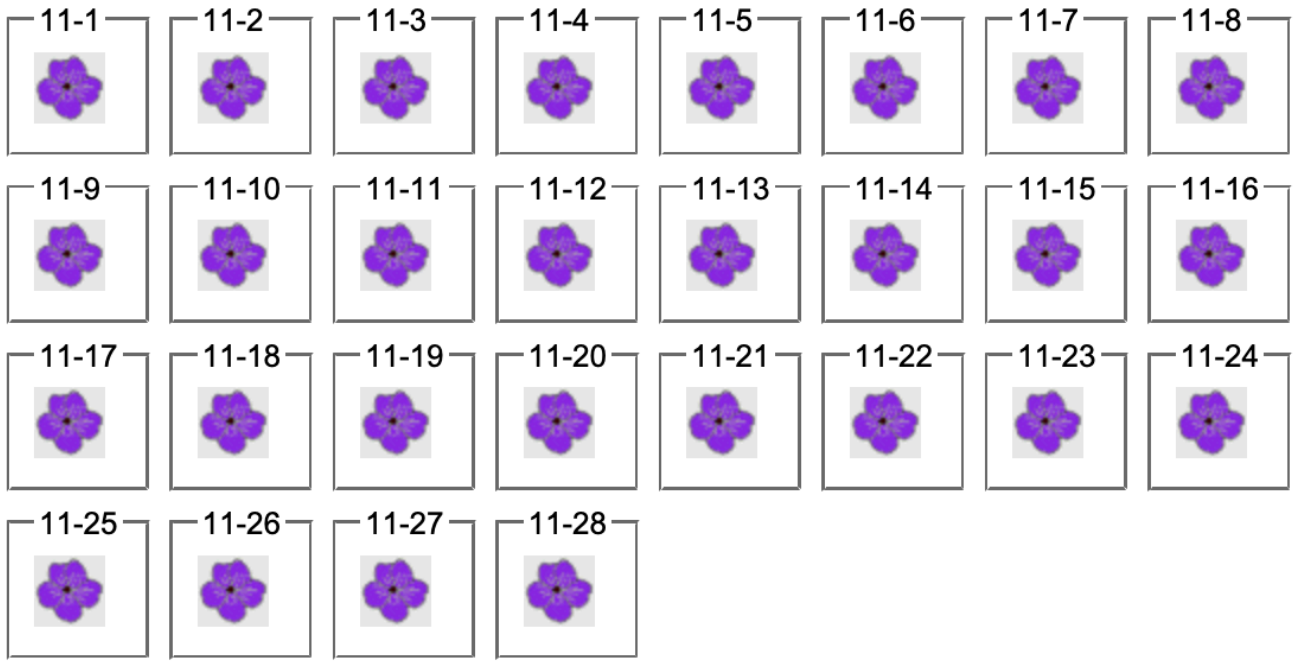
Cross Two Organisms

Self-cross One Organism

Mutate One Organism

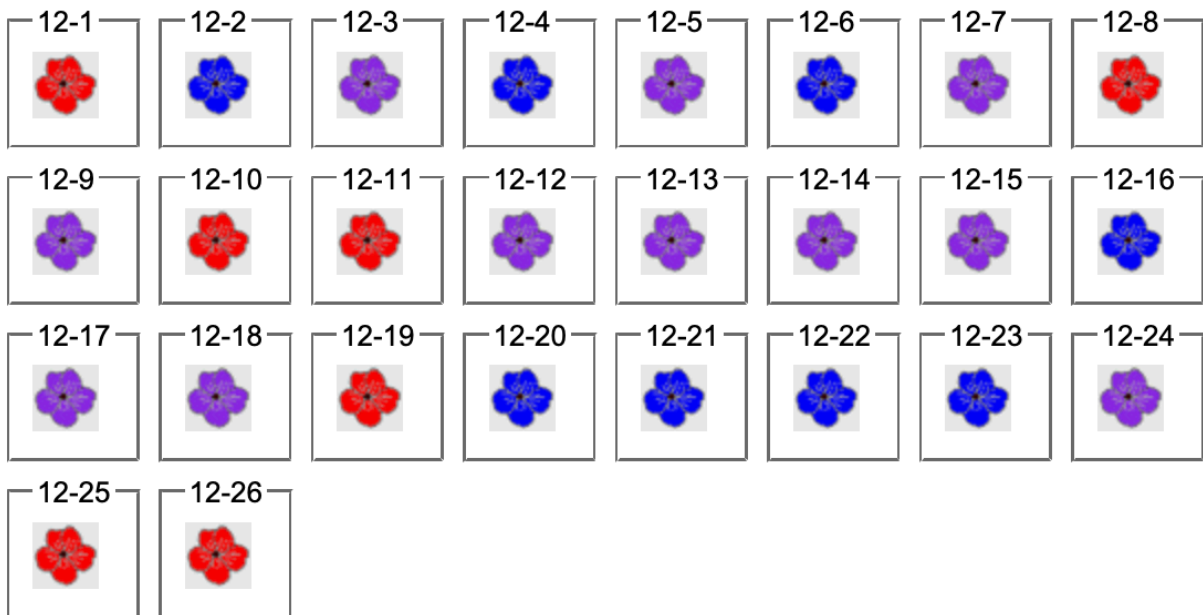
Got Purples

Tray 11: 7-26 X 10-1



Crossed the purples to check

Tray 12: 11-12 X 11-18



Cross Two Organisms

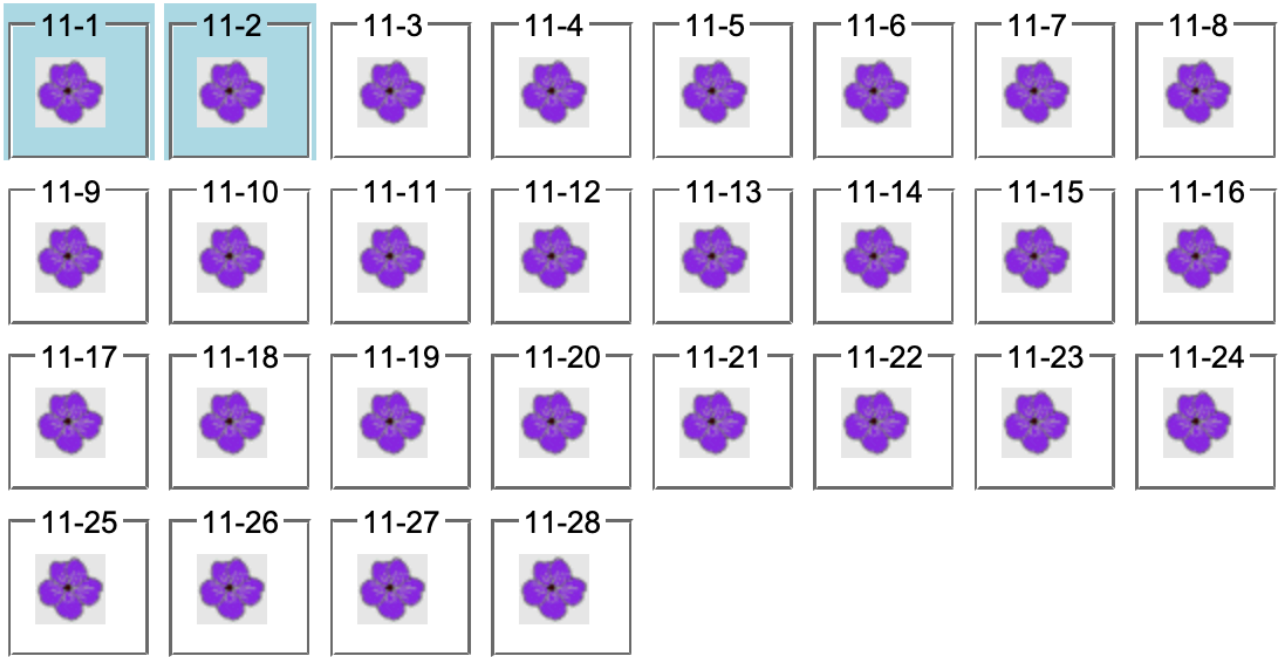
Self-cross One Organism

Mutate One Organism

Crossed again different purples

Lower Workpanel

Tray 11: 7-26 X 10-1



Cross Two Organisms

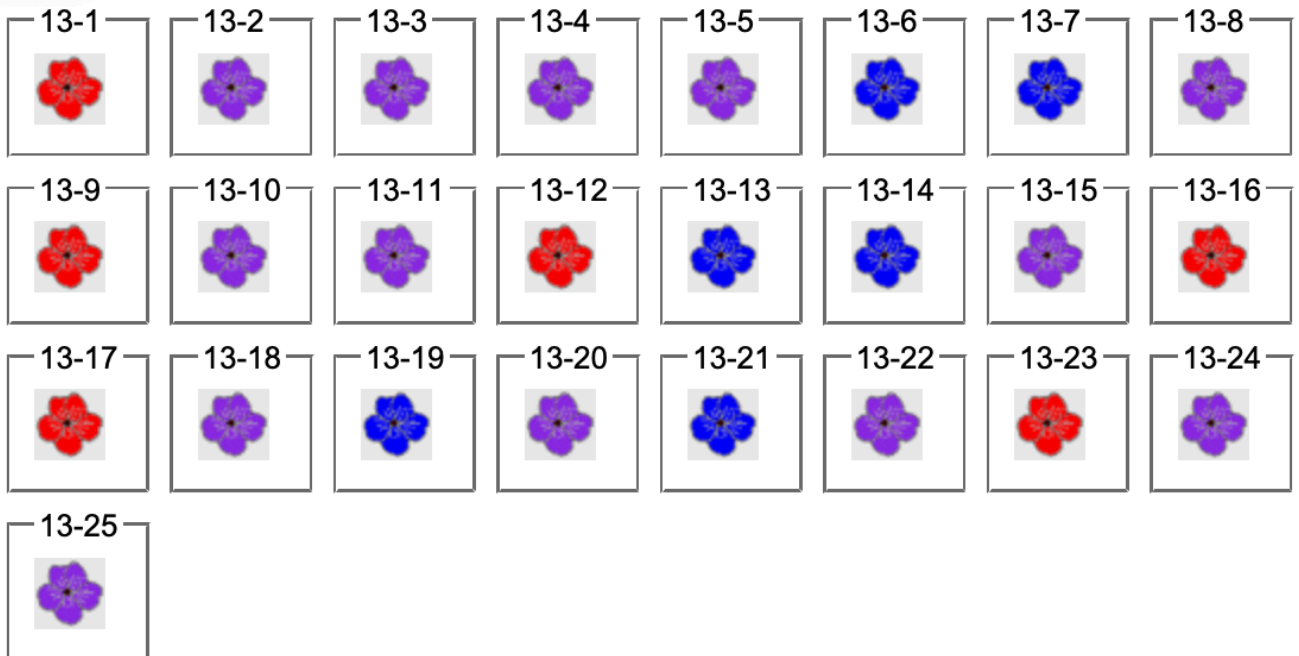
Self-cross One Organism

Mutate One Organism

Lower Workpanel

content

Tray 13: 11-1 X 11-2



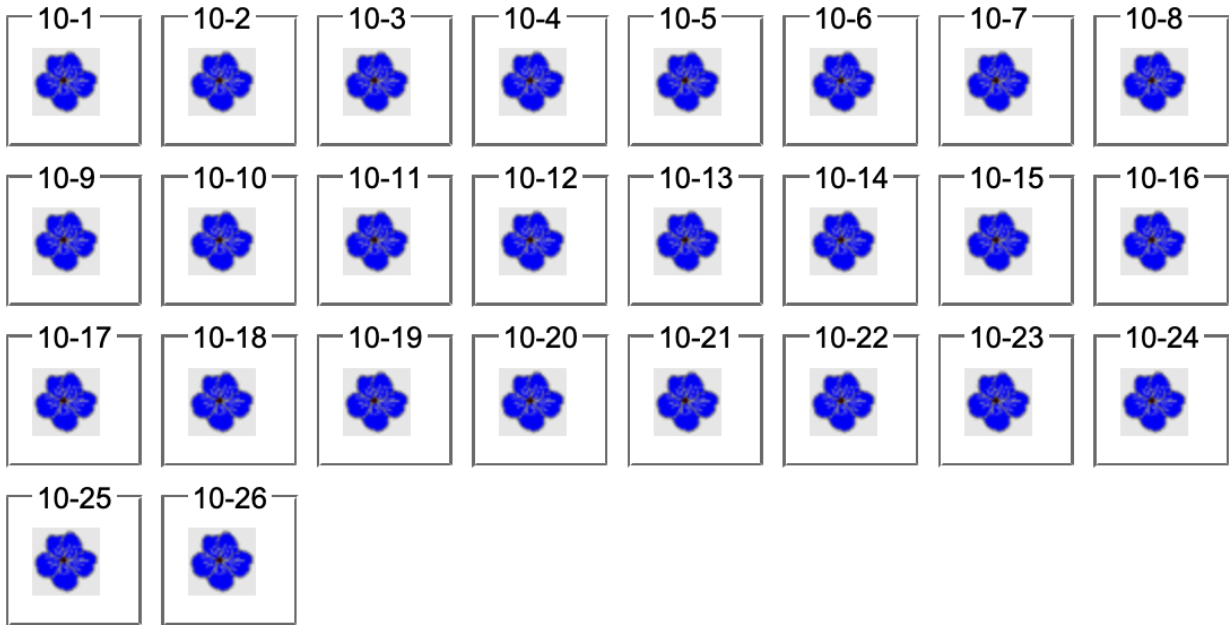
Cross Two Organisms

Self-cross One Organism

Mutate One Organism

Mixed the Green-1 with the Blue and they are all green, Green-1 is dominant

Tray 10: 9-18 self-cross



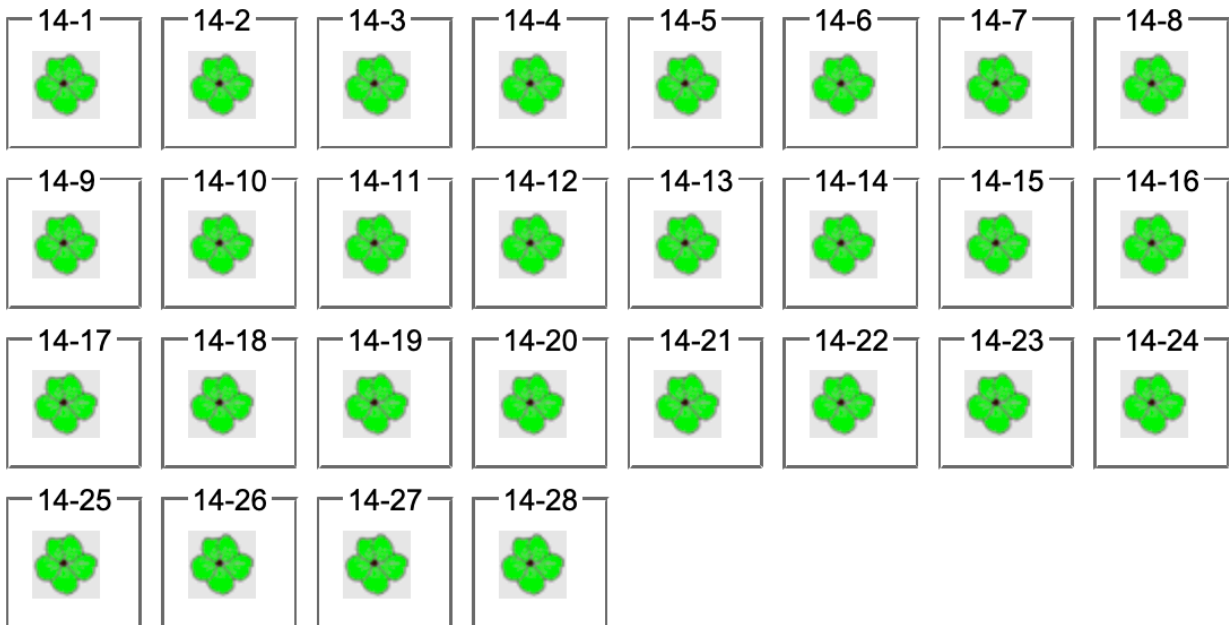
Cross Two Organisms

Self-cross One Organism

Mutate One Organism

Lower Workpanel

Tray 14: Green-1 X 10-9



Cross Two Organisms

Self-cross One Organism

Mutate One Organism

Crossing White and Blue for Dominance

Tray 10: 9-18 self-cross

10-1	10-2	10-3	10-4	10-5	10-6	10-7	10-8
10-9	10-10	10-11	10-12	10-13	10-14	10-15	10-16
10-17	10-18	10-19	10-20	10-21	10-22	10-23	10-24
10-25	10-26						

Green-1

Green-2

Red

White

Black-0

TrueBlue

Blue is dominant to white

Mutate to Get a Purple





























Lets start red
Upper workpanal

Tray 16: Mutants of Red

16-0	16-1	16-2	16-3	16-4	16-5	16-6	16-7
16-8	16-9	16-10	16-11	16-12	16-13	16-14	16-15
16-16	16-17	16-18	16-19	16-20	16-21	16-22	16-23
16-24	16-25	16-26	16-27				

Mutate again

Tray 16: Mutants of Red

16-0  content	16-1 	16-2 	16-3 	16-4 	16-5 	16-6 	16-7 
16-8 	16-9 	16-10 	16-11 	16-12 	16-13 	16-14 	16-15 
16-16 	16-17 	16-18 	16-19 	16-20 	16-21 	16-22 	16-23 
16-24 	16-25 	16-26 	16-27 				





















Cross Two Organisms

Self-cross One Organism

Mutate One Organism

It wasn't true breeding im going to self cross until i get it.
upper workpaner

18-20 self-cross

content	19-1 	19-2 	19-3 	19-4 	19-5 	19-6 	19-7 	19-8 
19-9 	19-10 	19-11 	19-12 	19-13 	19-14 	19-15 	19-16 	
19-17 	19-18 	19-19 	19-20 					

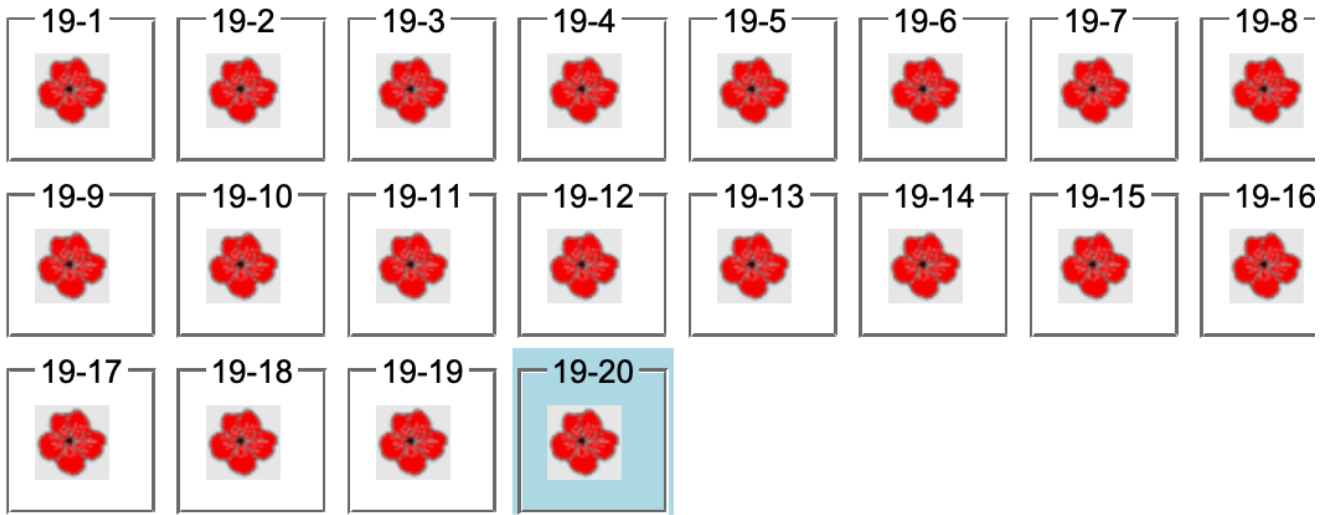
Cross Two Organisms

Self-cross One Organism

Mutate One Organism

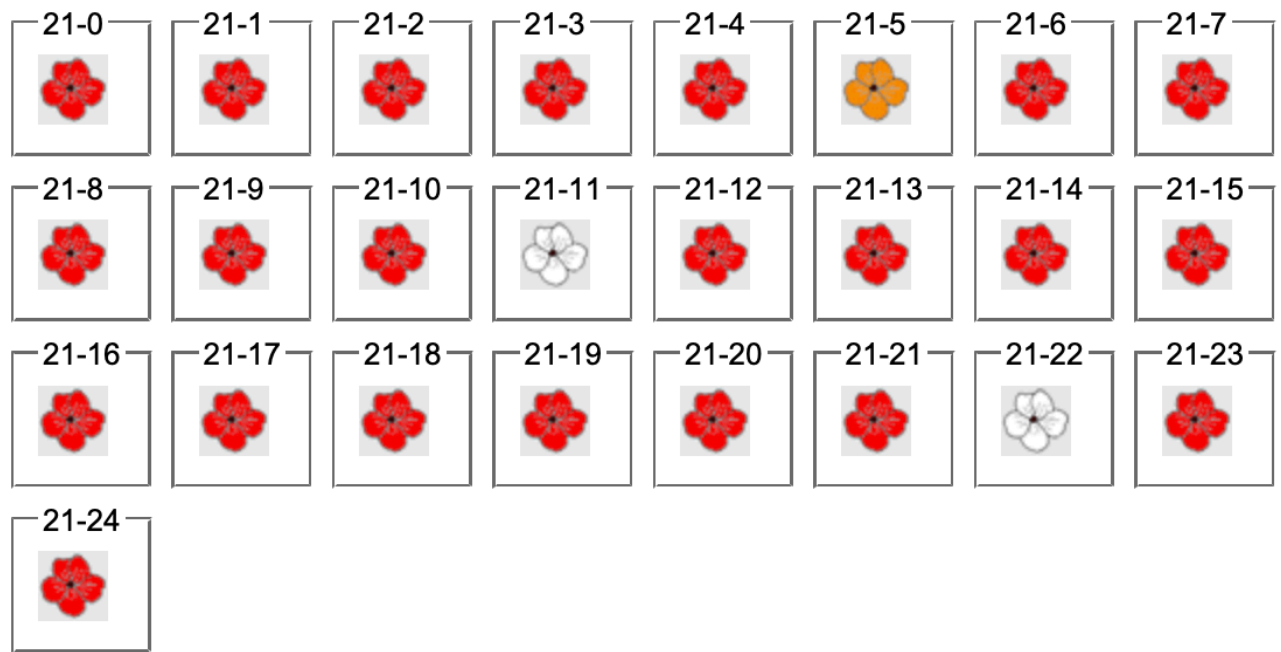
got pure red cross

Tray 19: 18-20 self-cross



Mutating the red

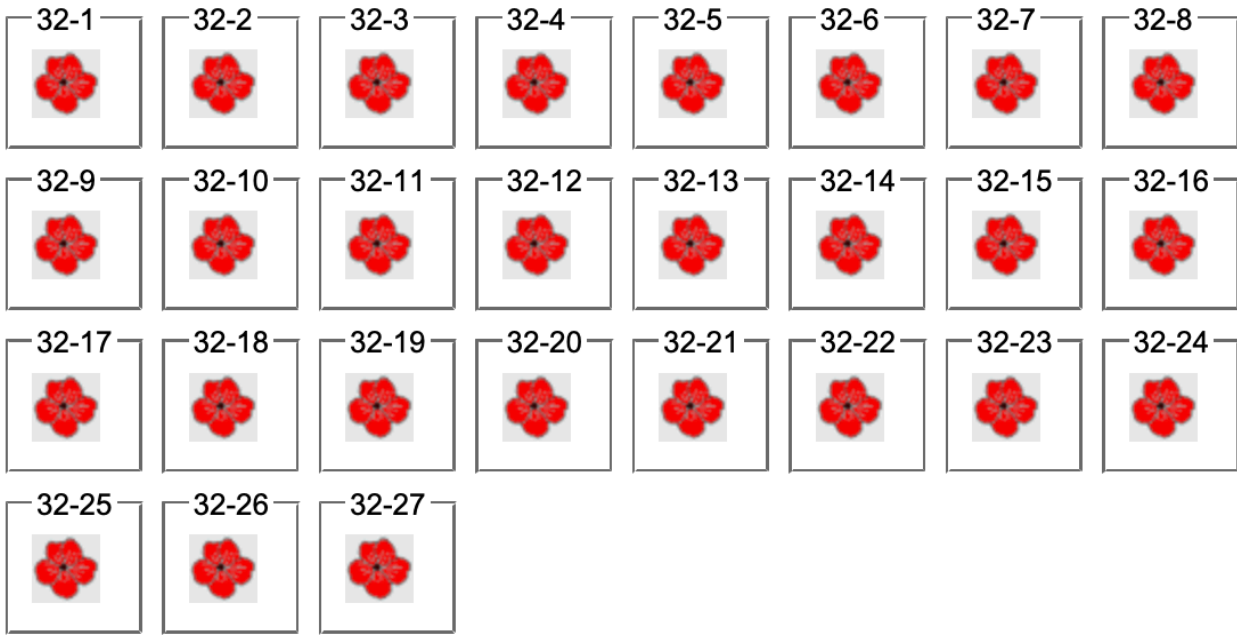
Tray 21: Mutants of 20-9



Going to repeat until I get purple

Going to start back at the true breeding red

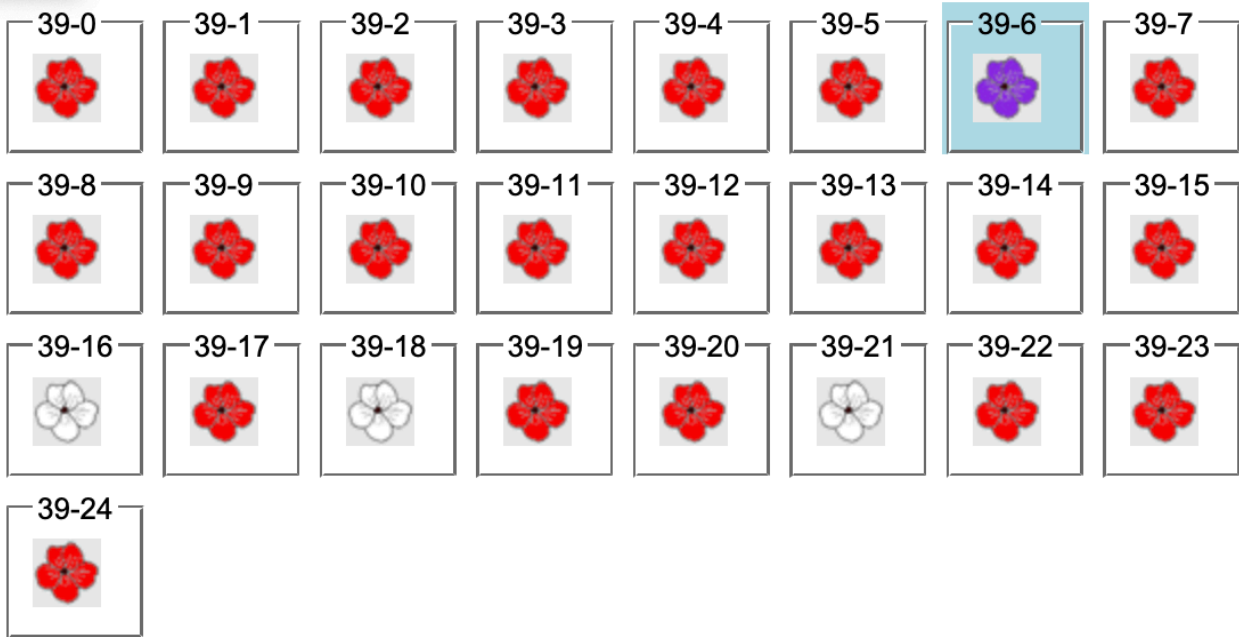
Tray 32: 31-20 self-cross



Mutated the red to get the purple

Upper Workpanel

content 39: Mutants of 36-3



Cross Two Organisms

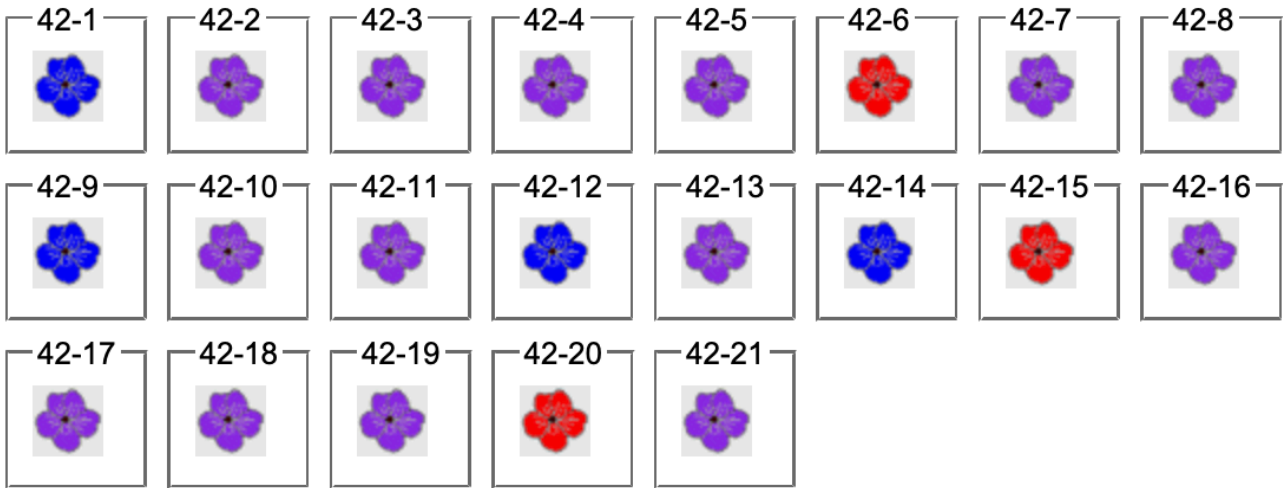
Self-cross One Organism

Mutate One Organism

Lower Workpanel

check purple is true breeding

Tray 42: 41-11 X 41-18



Cross Two Organisms Self-cross One Organism Mutate One Organism

it is not true breeding