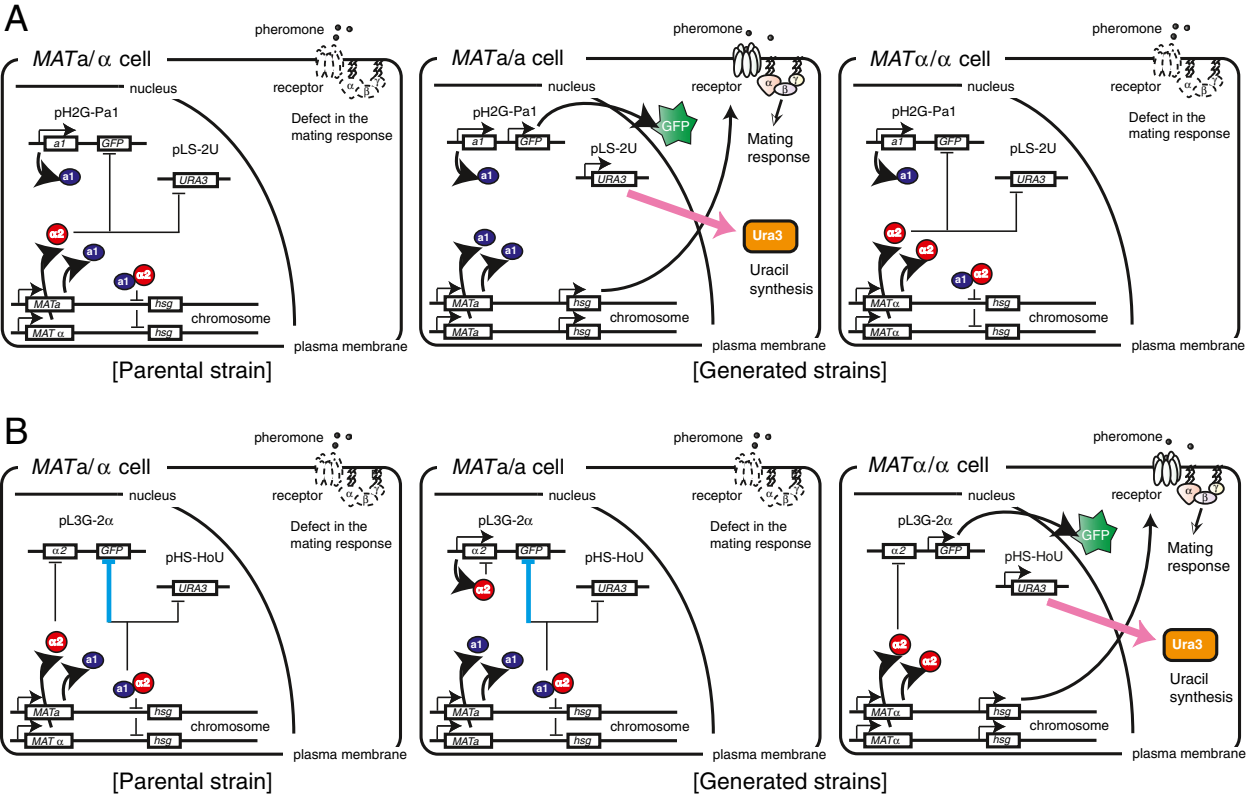
A
MATa/α cell
pheromone
receptor
nucleus
pH2G-Pa1
a1
GFP
pLS-2U
URA3
Defect in the mating response
α2
a1
MATa
MATα
hsg
chromosome
plasma membrane
[Parental strain]
MATa/a cell
GFP
Mating response
Ura3
Uracil synthesis
[Generated strains]
MATα/α cell
B
pL3G-2α
α2
pHS-HoU
[Parental strain]
[Generated strains]