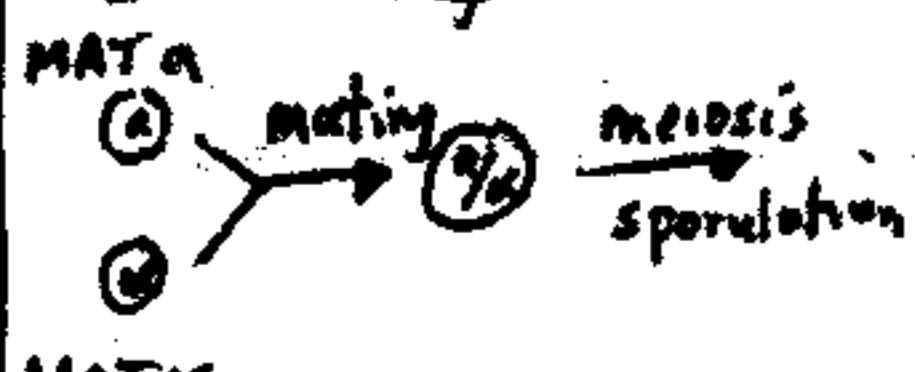


## P. Corvitz

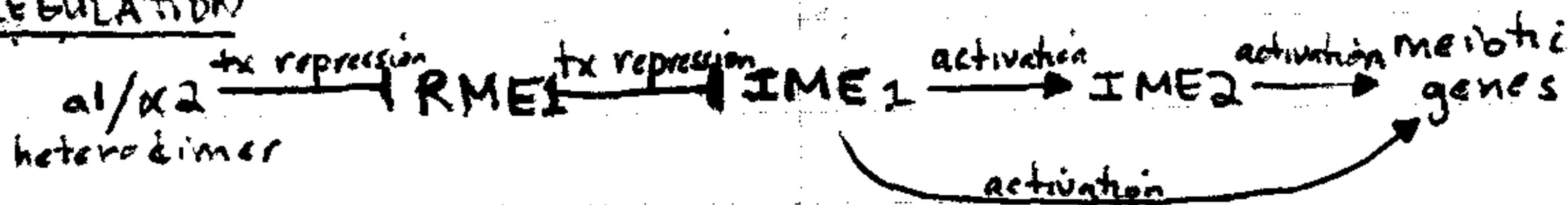


- ability to undergo meiosis is controlled by presence of MATA & MATa loci

MATa

- STARVE**
- ① → G1 arrest → eventual death
  - ② → G1 arrest → eventual death
  - ③ → meiosis → spores → stable
  - ④ → usually G1 arrest
    - some sporulate
    - these have RME1 mutations

## REGULATION



## RME1

- 3 Zn Finger Motifs ( $CX_2CX_3(F)X_5LX_2(HX_{3-4}H)$ )



- made mutants in C of each Zn-f motif → NO FUNCTION
- made truncated protein w/ only motifs → SOME FUNCTION