

M 2501 uvs γ

from
diploid

2440b

M 2379

from cross 2432

spont. mut. in adE20, adB1,
adC1, adD1, adE1, adF1, adG1

and/or lacZ, lacY, lacZ, lacY

VIII sD85 fwA2 +
+ + choA1

+ + + adE20 biA1 + + + + uvs γ 1 + + +

A 79 = suAladE20 pabaA1 yA2 adE20 + cpxE16 sC12 py10A4 + nica2 sB3 choA1

= M 6261

2432

A 328 M 2352

adE20 biA1; (methG1?) uvs γ 1

A 469

M 2218

AcrA1; lysB5; sD85 fwA2