A
G1-5'
PAG25
-DHFR[1,2]
G1-3'
40 pb
Linker
DHFR[1,2]
NAT
40 pb
5'
Gene 1
3'
5'
Gene 1
Linker
DHFR[1,2]
NAT
3'
MATa
P1
[1,2]
P2
[3]
MATα
5'
Gene 2
Linker
DHFR[3]
HPH
3'
5'
Gene 2
3'
G2-5'
PAG32
-DHFR[3]
G2-3'
Linker
DHFR[3]
HPH
40 pb
40 pb
B
MATa/α
P2
P1
Interaction
MTX
MATa/α
P1
P2
No interaction
C
NEGATIVE CONTROL
p41-Linker-
DHFR[1,2]
p41-Linker-
DHFR[3]
MATa
MATa
MATa/α
Linker
No
interaction
MTX
MATa/α
Zipper-linker
Strong
interaction
MATa
MATa
p41-zipper
linker-
DHFR[1,2]
p41-zipper
linker-
DHFR[3]
POSITIVE CONTROL