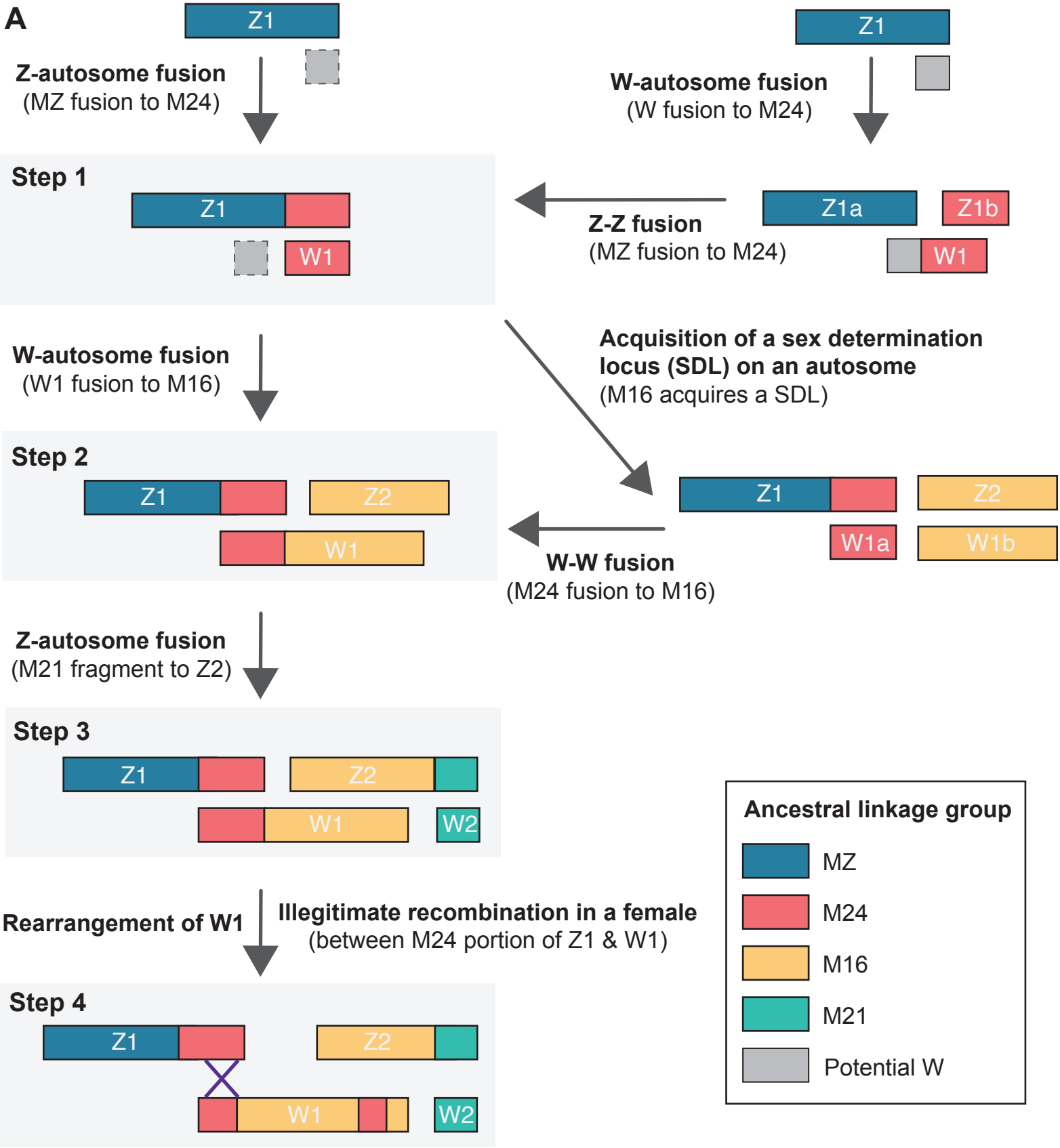
A
Z1
Z-autosome fusion
(MZ fusion to M24)
Z1
W-autosome fusion
(W fusion to M24)
Step 1
Z1
W1
Z-Z fusion
(MZ fusion to M24)
Z1a
Z1b
W1
W-autosome fusion
(W1 fusion to M16)
Acquisition of a sex determination locus (SDL) on an autosome
(M16 acquires a SDL)
Step 2
Z1
Z2
W1
Z1
Z2
W1a
W1b
W-W fusion
(M24 fusion to M16)
Z-autosome fusion
(M21 fragment to Z2)
Step 3
Z1
Z2
W1
W2
Rearrangement of W1
Illegitimate recombination in a female
(between M24 portion of Z1 & W1)
Step 4
Z1
Z2
W1
W2
Ancestral linkage group
MZ
M24
M16
M21
Potential W