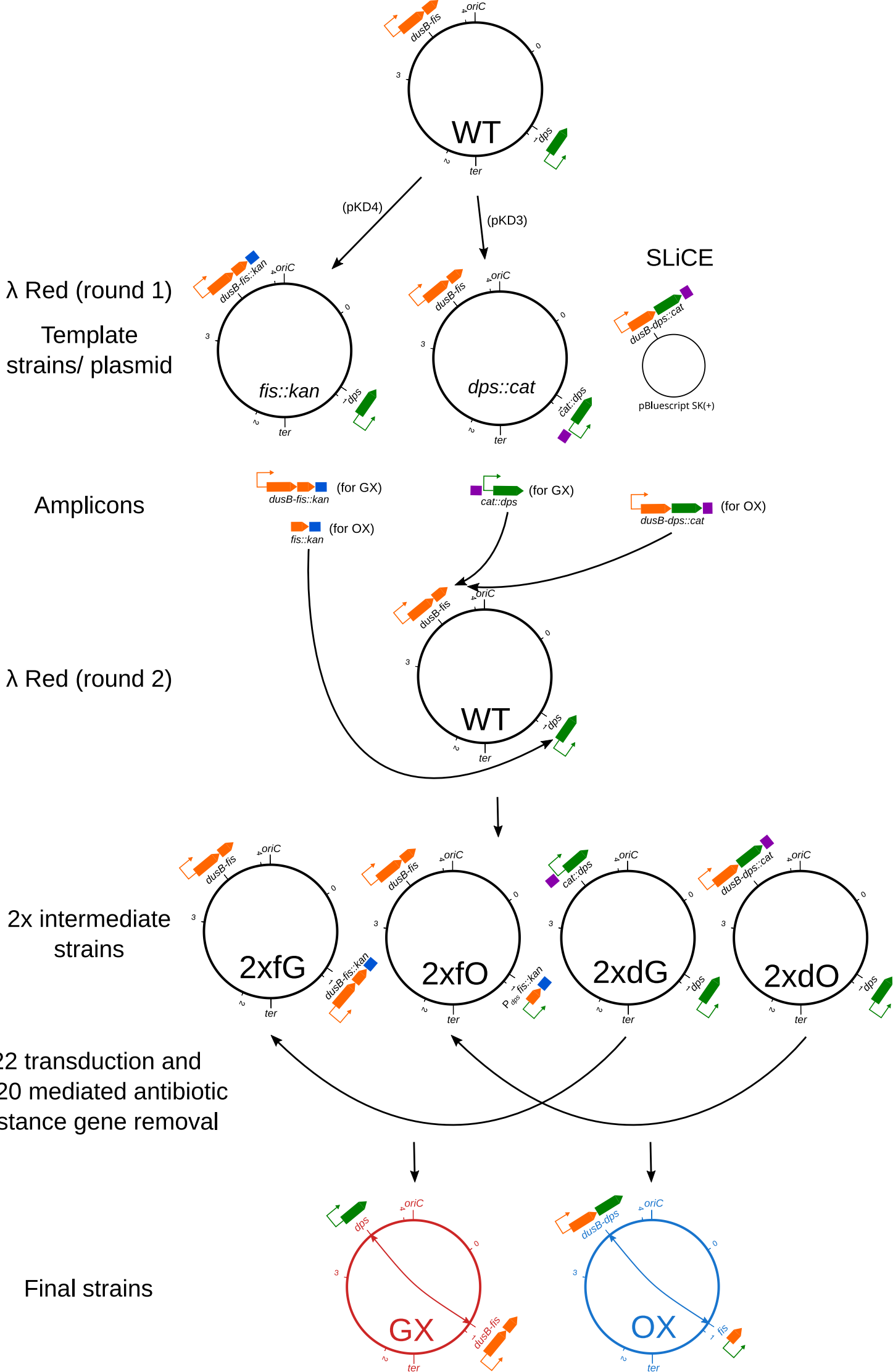
WT
oriC
dusB-fis
dps
ter
(pKD4)
(pKD3)
λ Red (round 1)
Template strains/ plasmid
fis::kan
dusB-fis::kan
dps::cat
cat::dps
SLiCE
dusB-dps::cat
pBluescript SK(+)
Amplicons
(for GX)
(for OX)
λ Red (round 2)
2x intermediate strains
2xfG
2xfO
2xdG
2xdO
P22 transduction and pCP20 mediated antibiotic resistance gene removal
Final strains
GX
OX