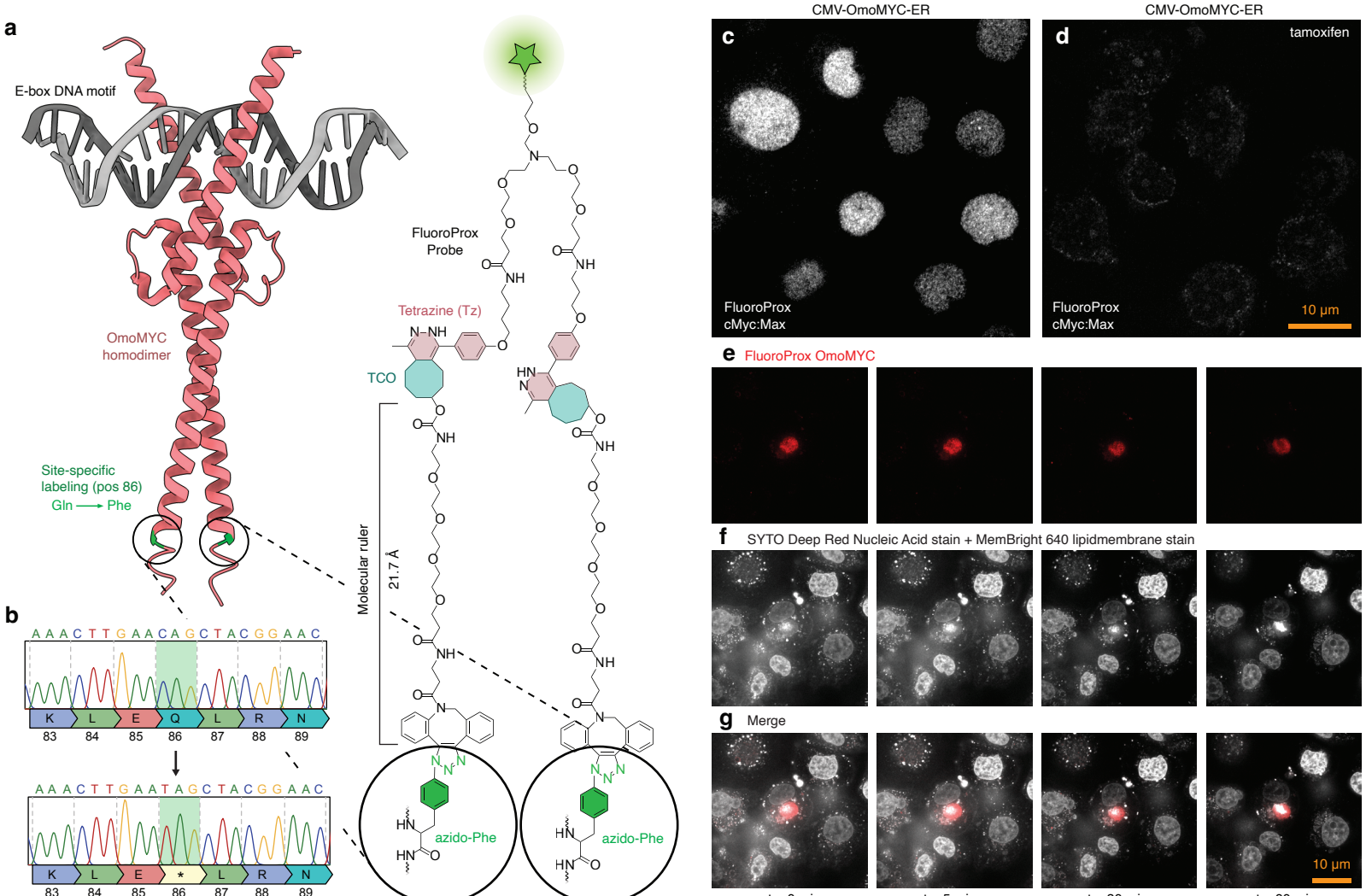
a
E-box DNA motif
OmoMYC homodimer
Site-specific labeling (pos 86)
Gln → Phe
FluoroProx Probe
Tetrazine (Tz)
TCO
Molecular ruler
21.7 Å
azido-Phe
azido-Phe
b
AAACTTGAACAGCTACGGAAC
K L E Q L R N
83 84 85 86 87 88 89
AAACTTGAATAGCTACGGAAC
K L E * L R N
83 84 85 86 87 88 89
CMV-OmoMYC-ER
CMV-OmoMYC-ER
c
FluoroProx
cMyc:Max
d
tamoxifen
FluoroProx
cMyc:Max
10 µm
e FluoroProx OmoMYC
f SYTO Deep Red Nucleic Acid stain + MemBright 640 lipidmembrane stain
g Merge
10 µm
t = 0 min
t = 5 min
t = 30 min
t = 90 min