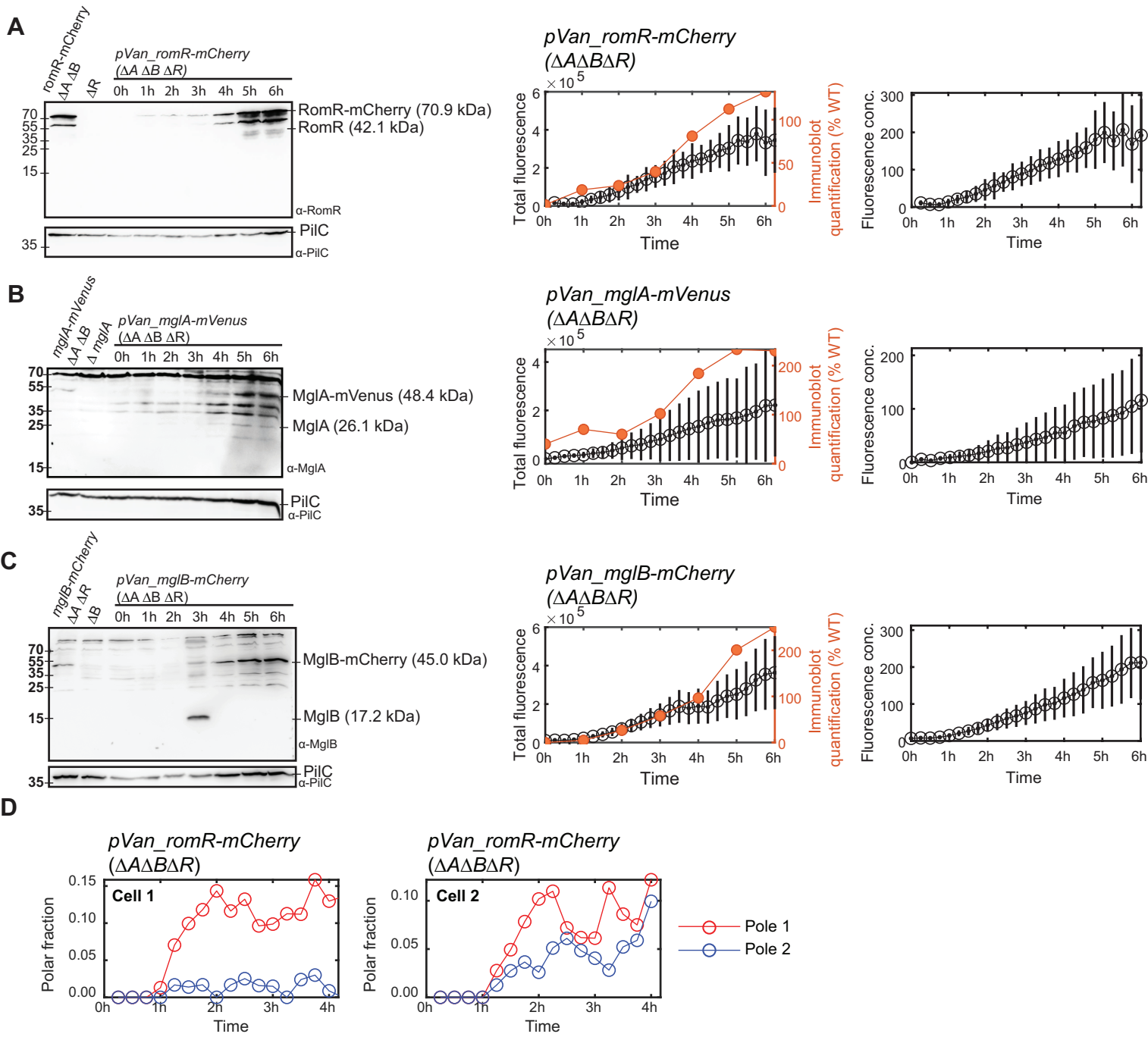
A
romR-mCherry
ΔA ΔB
ΔR
pVan_romR-mCherry
(ΔA ΔB ΔR)
0h 1h 2h 3h 4h 5h 6h
70
55
35
25
15
RomR-mCherry (70.9 kDa)
RomR (42.1 kDa)
α-RomR
35
PilC
α-PilC
pVan_romR-mCherry
(ΔAΔBΔR)
×10 5
Total fluorescence
Immunoblot quantification (% WT)
Time
Fluorescence conc.
B
mglA-mVenus
ΔA ΔB
Δ mglA
pVan_mglA-mVenus
(ΔA ΔB ΔR)
MglA-mVenus (48.4 kDa)
MglA (26.1 kDa)
α-MglA
PilC
α-PilC
pVan_mglA-mVenus
(ΔAΔBΔR)
C
mglB-mCherry
ΔA ΔR
ΔB
pVan_mglB-mCherry
(ΔA ΔB ΔR)
MglB-mCherry (45.0 kDa)
MglB (17.2 kDa)
α-MglB
PilC
α-PilC
pVan_mglB-mCherry
(ΔAΔBΔR)
D
pVan_romR-mCherry
(ΔAΔBΔR)
Cell 1
Polar fraction
Time
pVan_romR-mCherry
(ΔAΔBΔR)
Cell 2
Pole 1
Pole 2