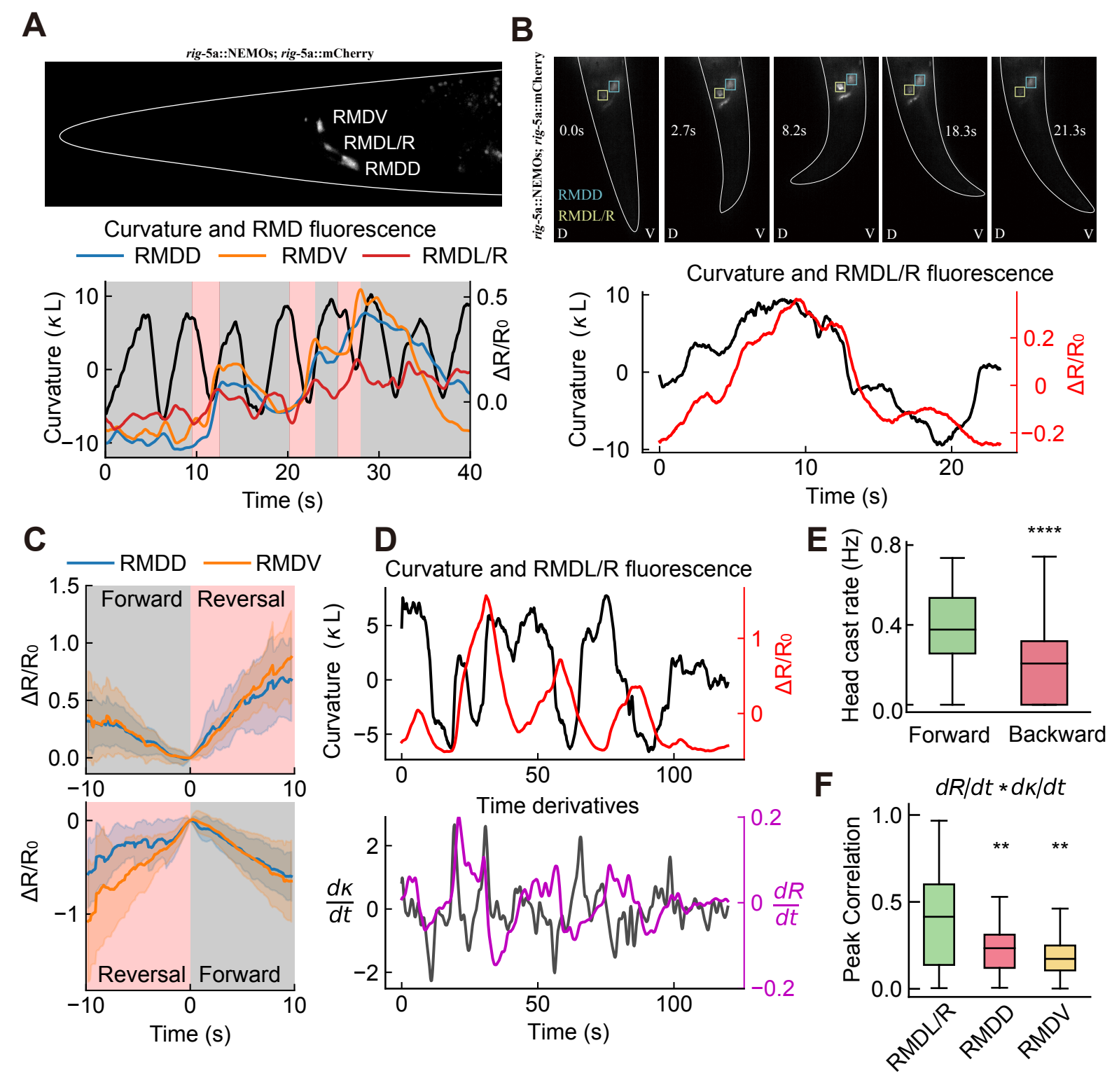
A
rig-5a::NEMOs; rig-5a::mCherry
RMDV
RMDL/R
RMDD
Curvature and RMD fluorescence
RMDD
RMDV
RMDL/R
Curvature (κ L)
ΔR/R0
Time (s)
B
rig-5a::NEMOs; rig-5a::mCherry
0.0s
2.7s
8.2s
18.3s
21.3s
RMDD
RMDL/R
D
V
Curvature and RMDL/R fluorescence
Curvature (κ L)
ΔR/R0
Time (s)
C
RMDD
RMDV
Forward
Reversal
Reversal
Forward
ΔR/R0
Time (s)
D
Curvature and RMDL/R fluorescence
Curvature (κ L)
ΔR/R0
Time derivatives
dκ/dt
dR/dt
Time (s)
E
Head cast rate (Hz)
****
Forward
Backward
F
dR/dt * dκ/dt
Peak Correlation
**
**
RMDL/R
RMDD
RMDV