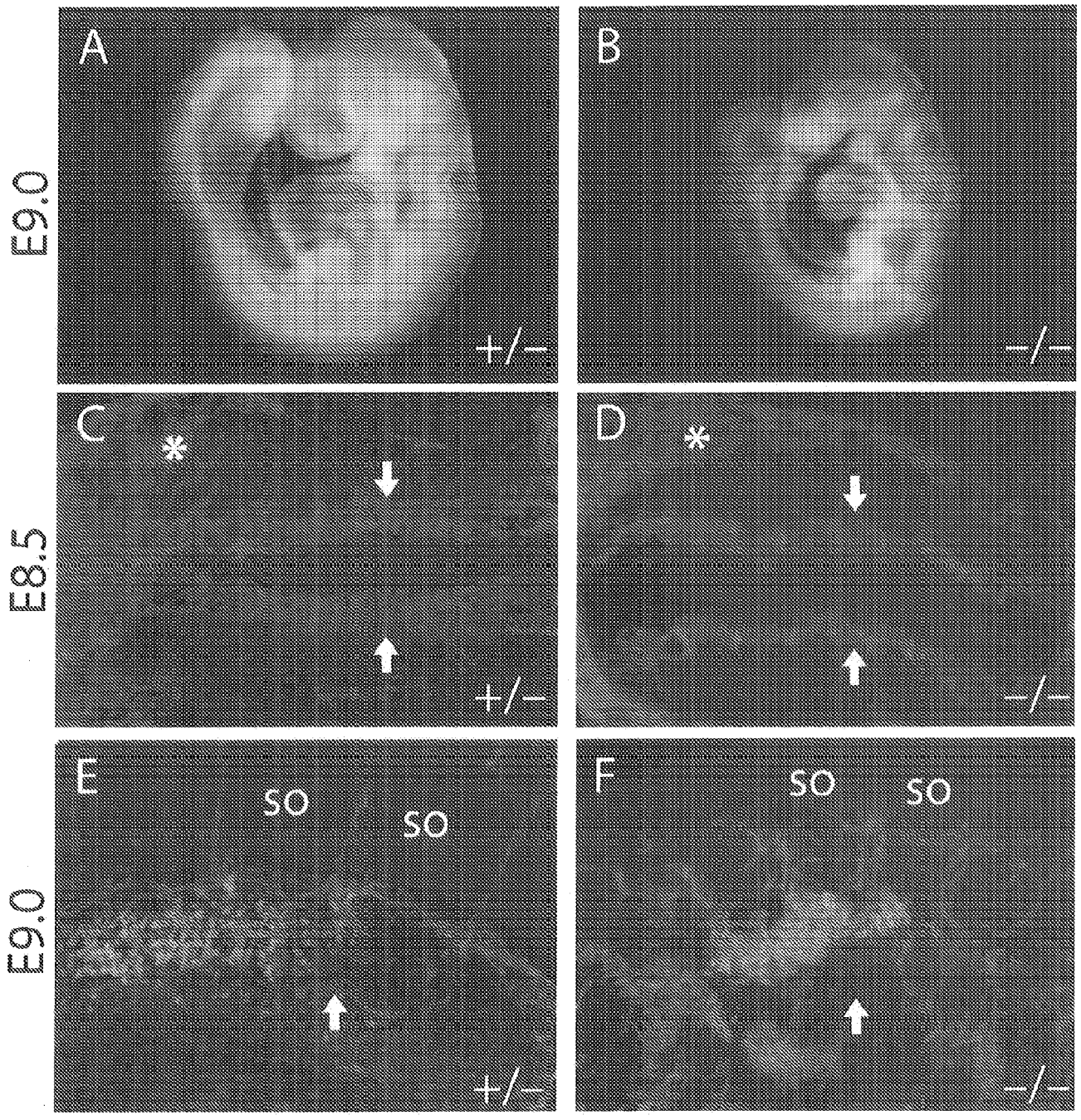


FIG. 1

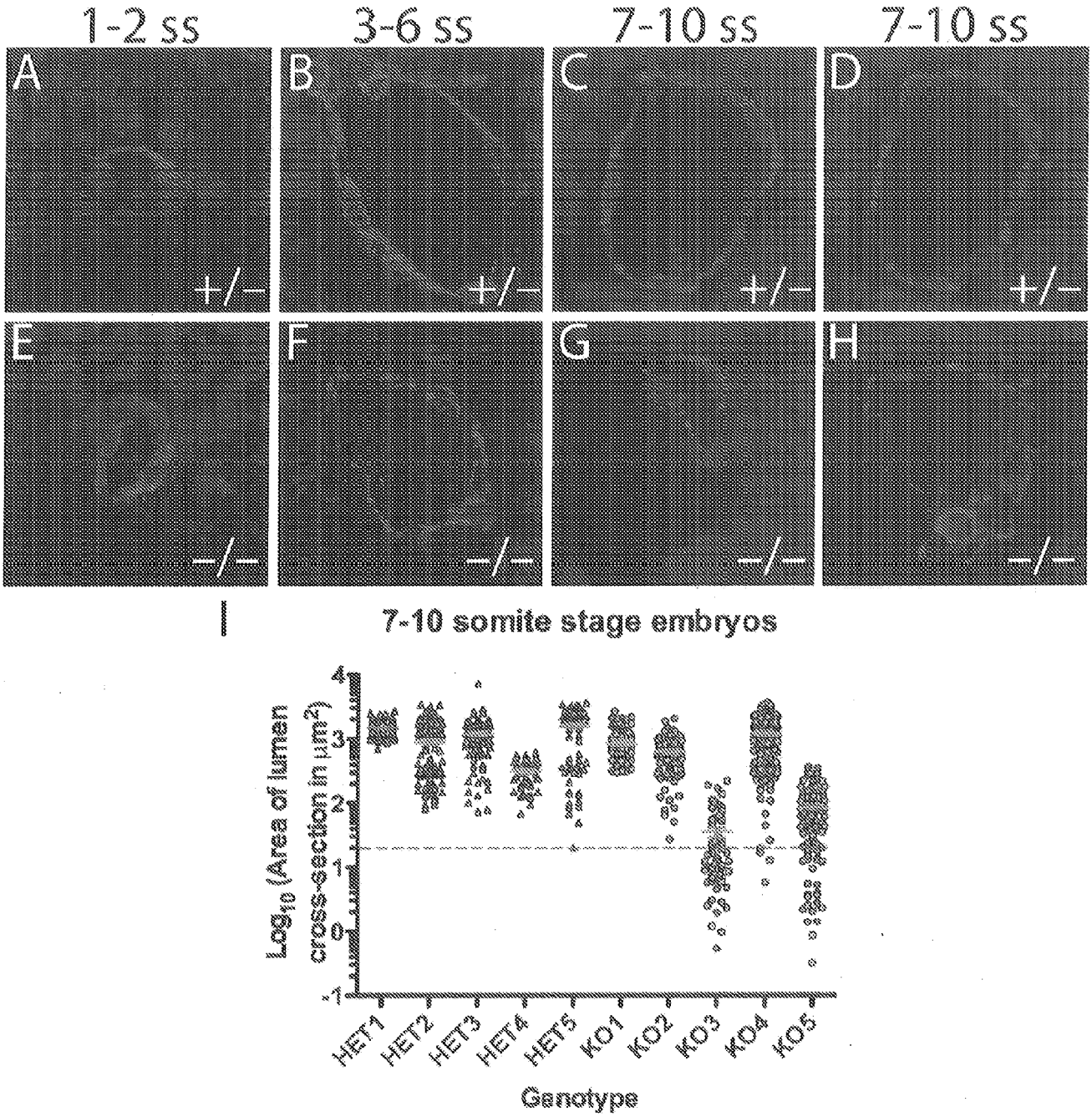

1-2 ss
3-6 ss
7-10 ss
7-10 ss
A
B
C
D
+/–
+/–
+/–
+/–
E
F
G
H
–/–
–/–
–/–
–/–
7-10 somite stage embryos
Log10 (Area of lumen cross-section in μm2)
4
3
2
1
0
-1
HET1
HET2
HET3
HET4
HET5
KO1
KO2
KO3
KO4
KO5
Genotype

FIG. 2

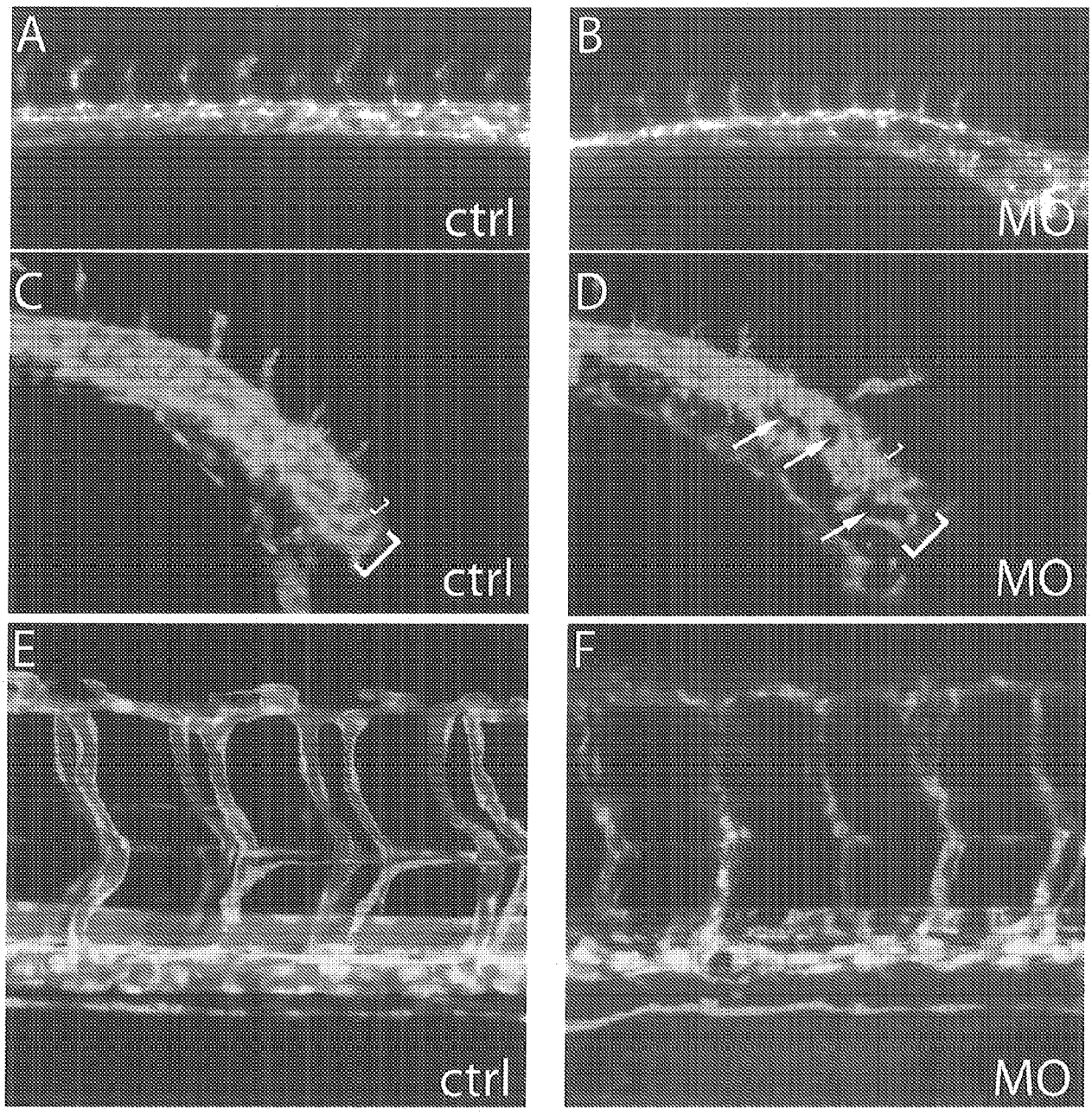


FIG. 3

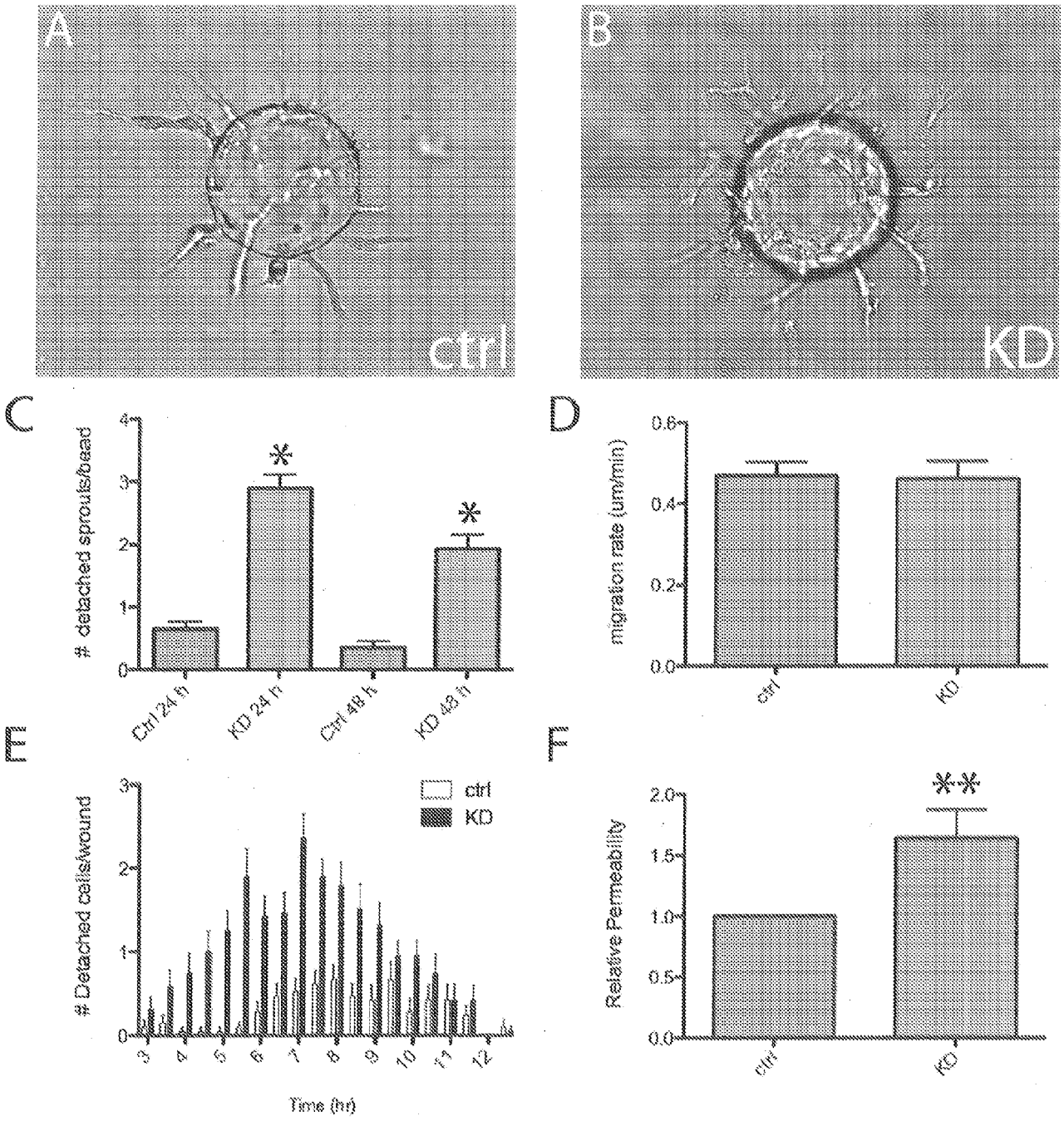

A
ctrl
B
KD
C
detached sprouts/bead
Ctrl 24 h
KD 24 h
Ctrl 48 h
KD 48 h
D
migration rate (um/min)
ctrl
KD
E
Detached cells/wound
ctrl
KD
Time (hr)
F
Relative Permeability
ctrl
KD

FIG. 4

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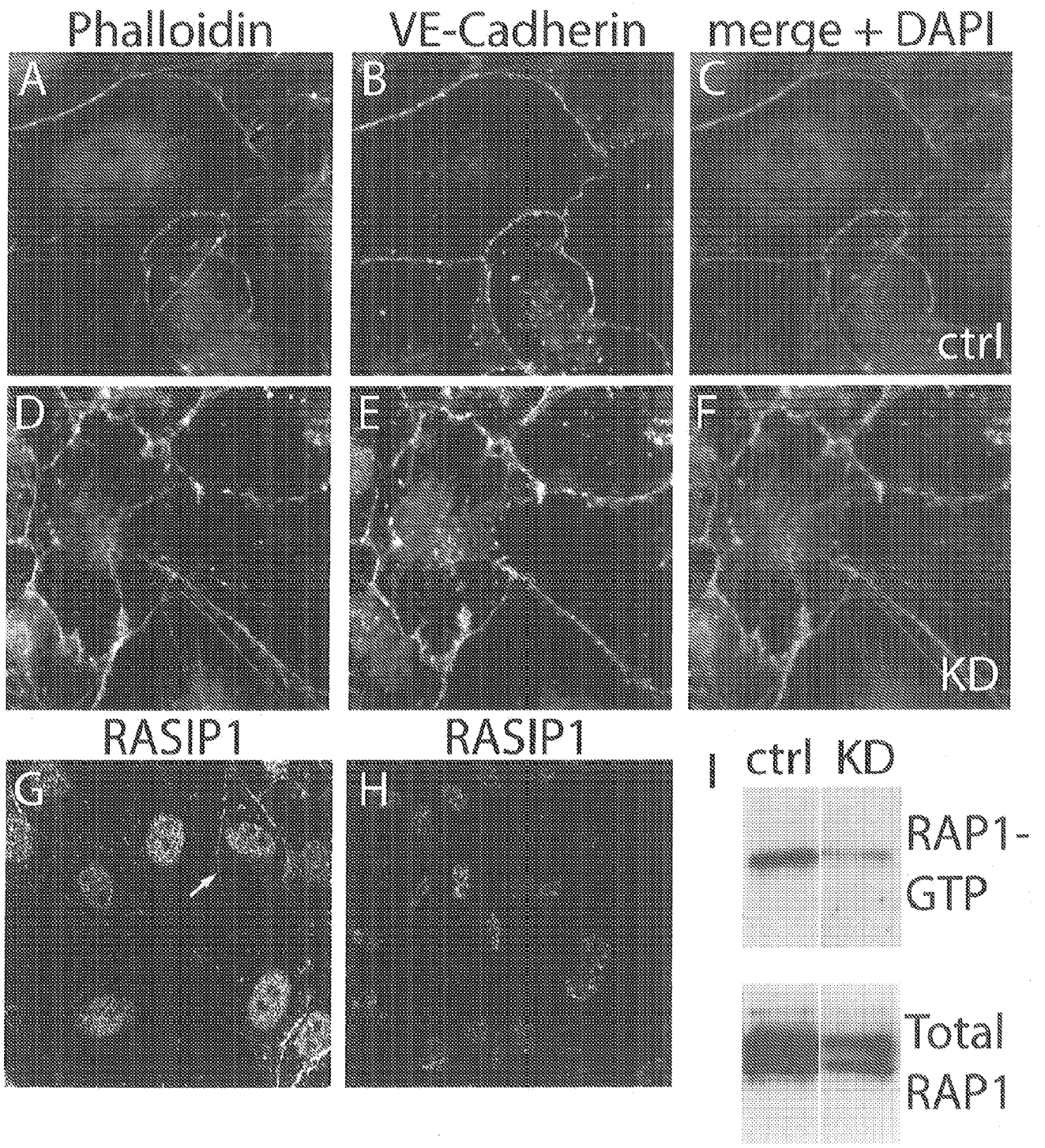


FIG. 5