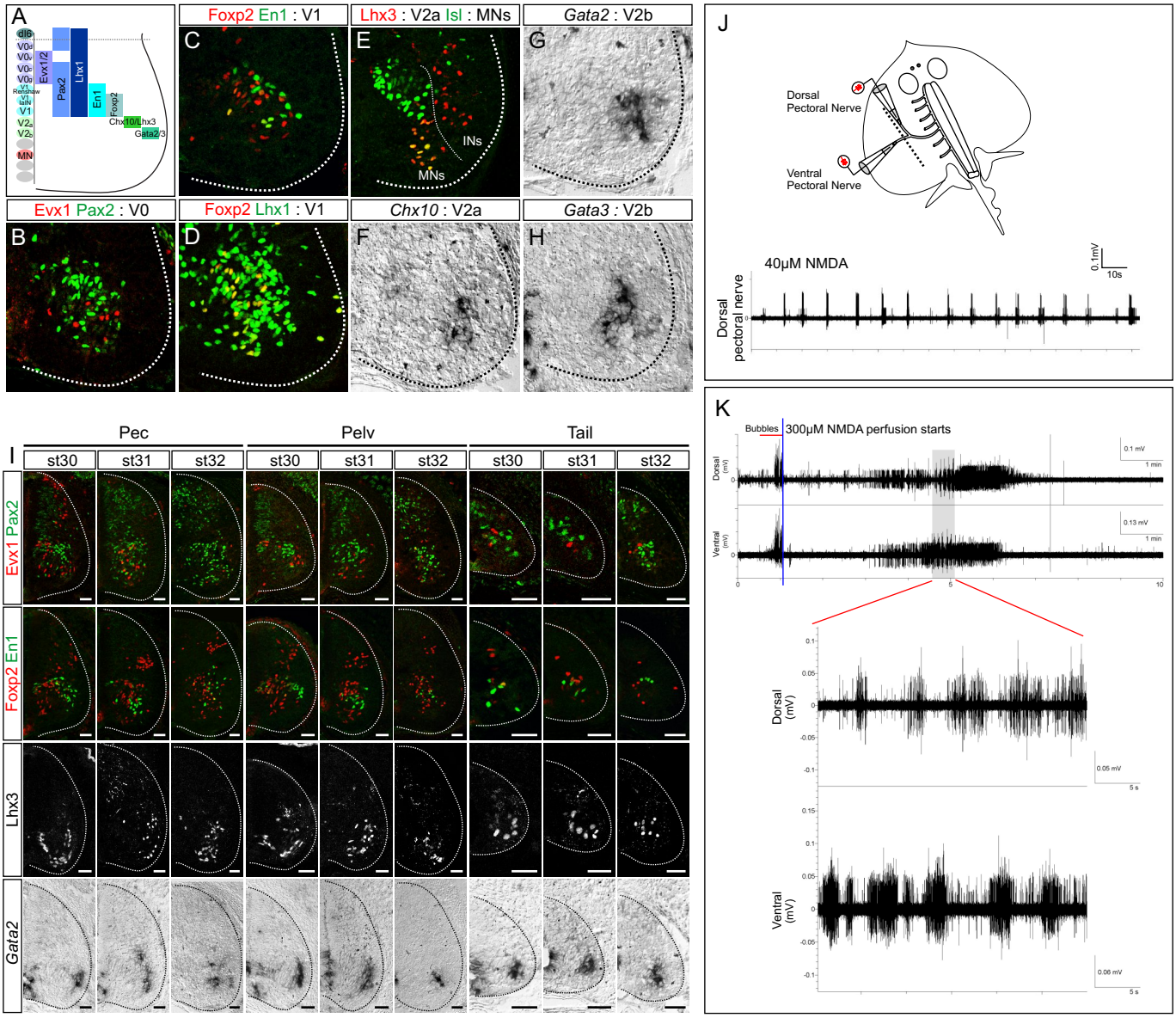
A
dI6
V0d
V0v
V0c
V0D
V1
Renshaw
V1
IaIN
V1
V2a
V2b
MN
Evx1/2
Pax2
Lhx1
En1
Foxp2
Chx10/Lhx3
Gata2/3
Foxp2 En1 : V1
Lhx3 : V2a Isl : MNs
Gata2 : V2b
C
E
G
INs
MNs
Evx1 Pax2 : V0
Foxp2 Lhx1 : V1
Chx10 : V2a
Gata3 : V2b
B
D
F
H
J
Dorsal
Pectoral Nerve
Ventral
Pectoral Nerve
40μM NMDA
0.1mV
10s
Dorsal
pectoral nerve
K
Bubbles
300μM NMDA perfusion starts
Dorsal (mV)
Ventral (mV)
0.1 mV
1 min
0.13 mV
1 min
0
5
10
0.05 mV
5 s
0.06 mV
5 s
I
Pec
Pelv
Tail
st30
st31
st32
st30
st31
st32
st30
st31
st32
V0
Evx1 Pax2
V1
Foxp2 En1
V2a
Lhx3
V2b
Gata2