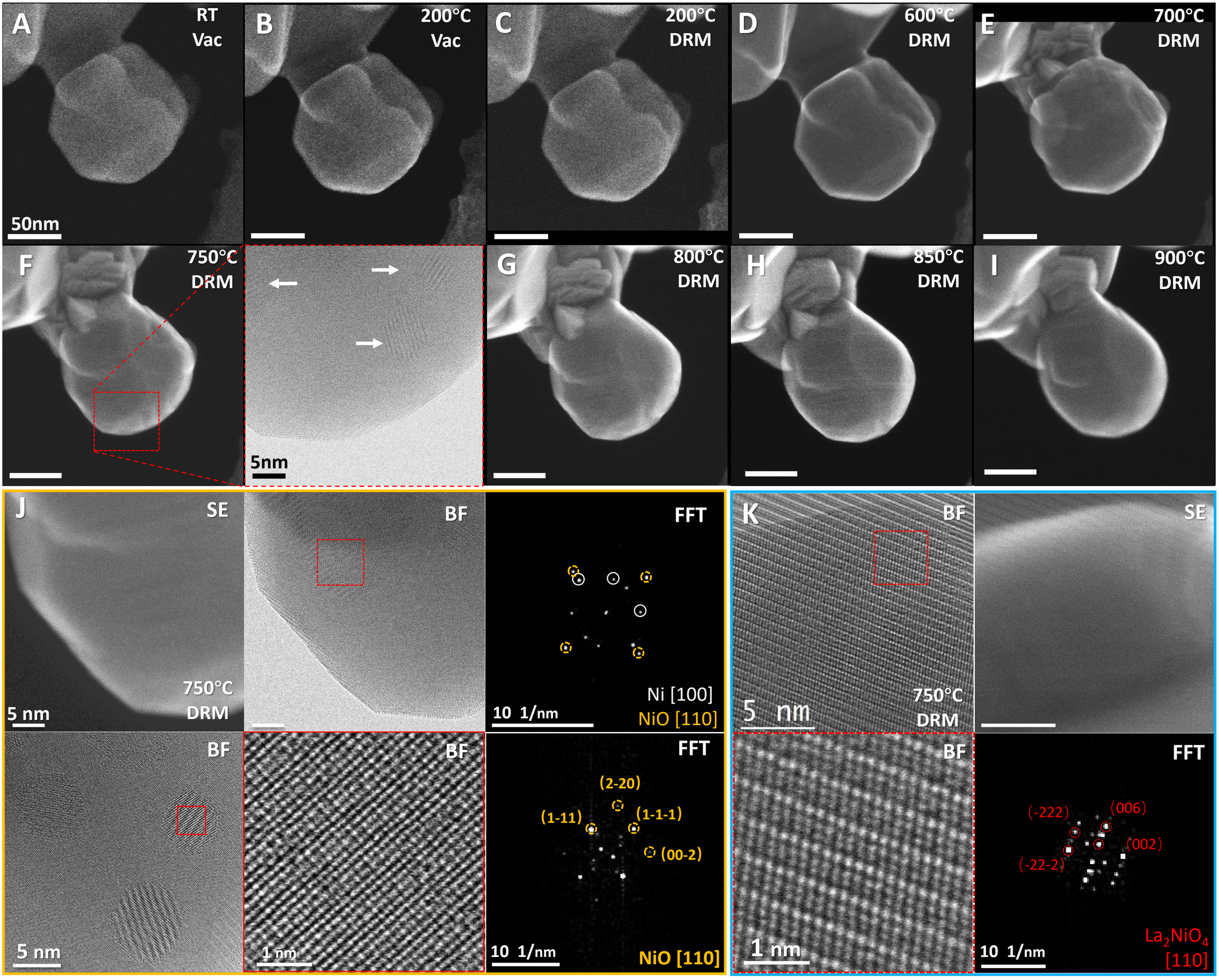

A
RT
Vac
50nm
B
200°C
Vac
C
200°C
DRM
D
600°C
DRM
E
700°C
DRM
F
750°C
DRM
5nm
G
800°C
DRM
H
850°C
DRM
I
900°C
DRM
J
SE
750°C
DRM
5 nm
BF
FFT
10 1/nm
Ni [100]
NiO [110]
BF
5 nm
BF
1 nm
FFT
(2-20)
(1-11)
(1-1-1)
(00-2)
10 1/nm
NiO [110]
K
BF
5 nm
750°C
DRM
SE
BF
1 nm
FFT
(-222)
(006)
(002)
(-22-2)
10 1/nm
La2NiO4
[110]