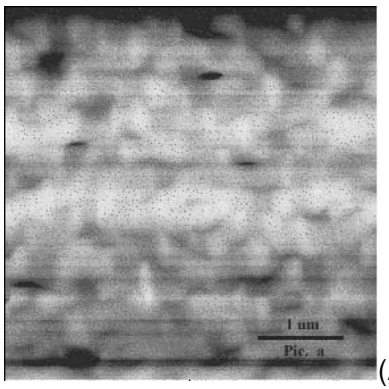
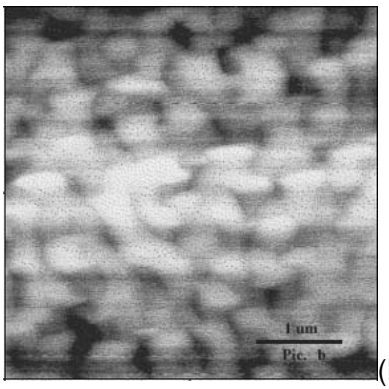
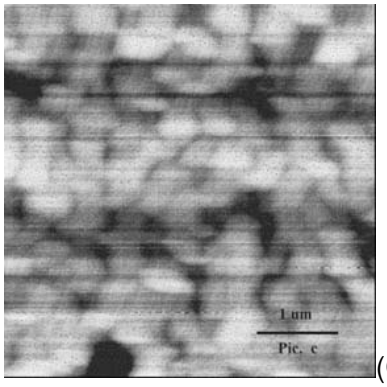

1 um
Pic. a

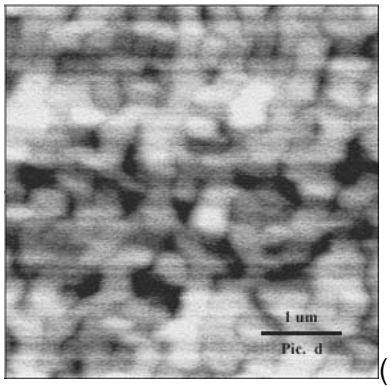
(A)


1 um
Pic. b

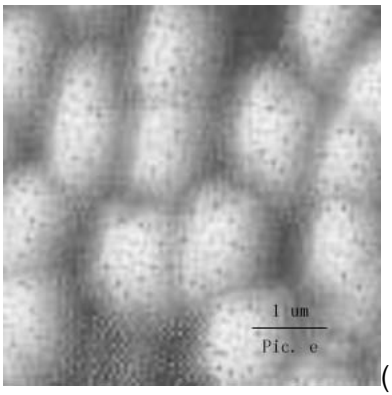
(B)


1 um
Pic. c

(C)

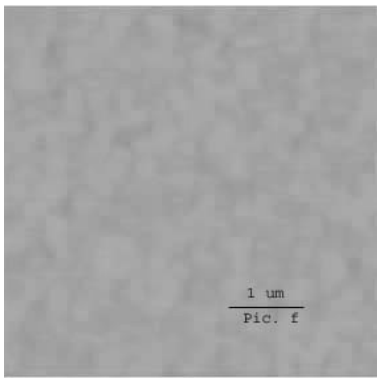

1 um
Pic. d

(D)


1 um
Pic. e

(E)


68 nm
0.00 nm


1 um
Pic. f

(F)

FIG 1

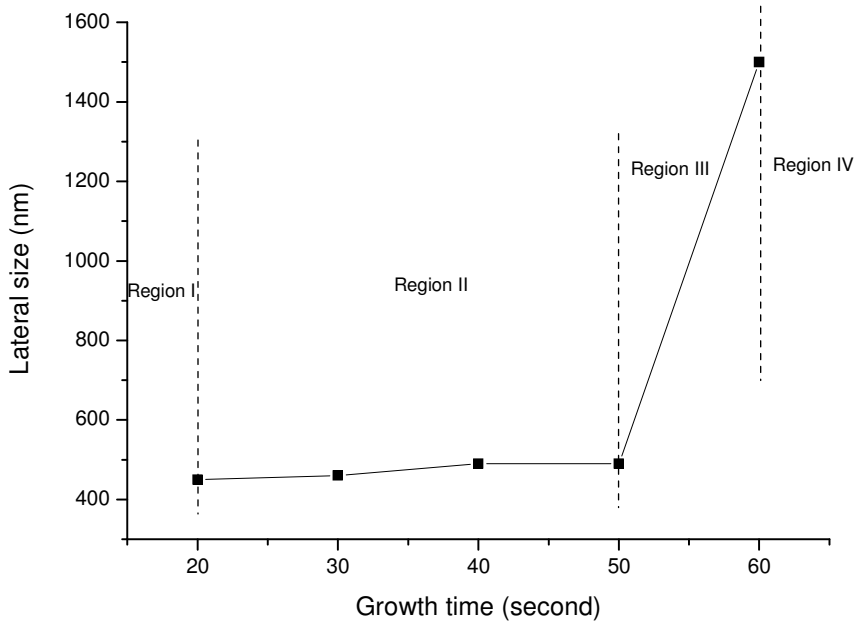

1600
1400
1200
1000
800
600
400
Lateral size (nm)
Region I
Region II
Region III
Region IV
20
30
40
50
60
Growth time (second)

FIG 2

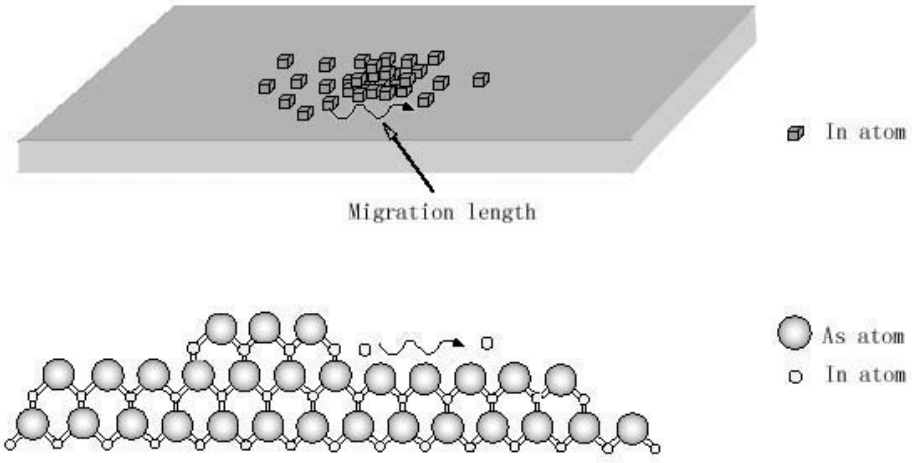
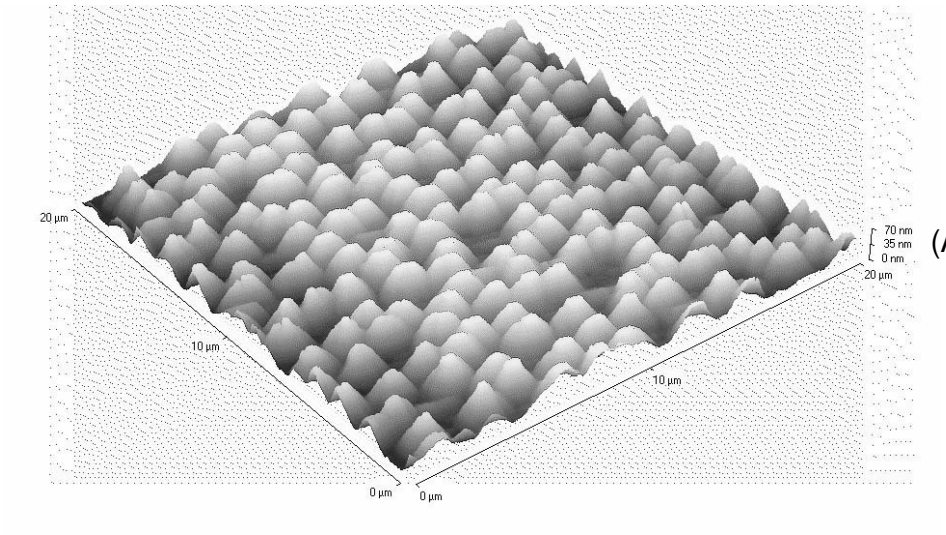
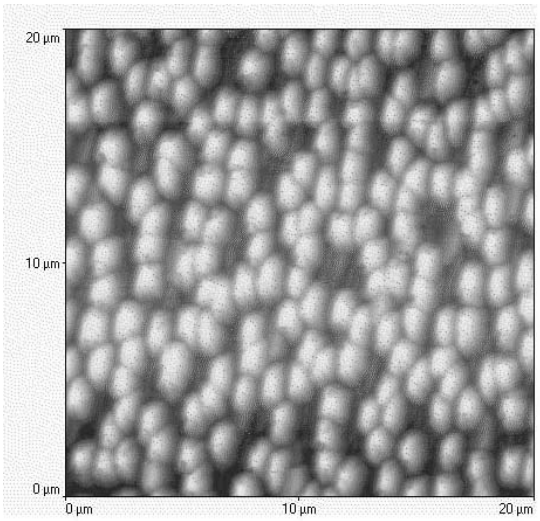

In atom
Migration length
As atom
In atom

FIG 3


20 µm
10 µm
0 µm
0 µm
10 µm
20 µm
70 nm
35 nm
0 nm

(A)


20 µm
10 µm
0 µm
0 µm
10 µm
20 µm

(B)

FIG 4

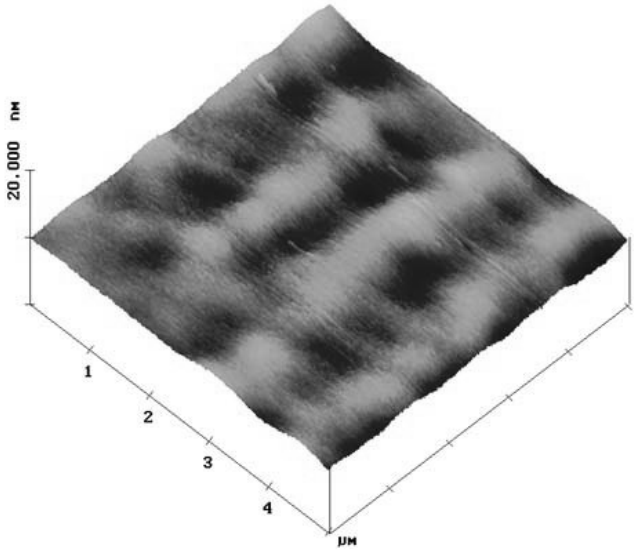
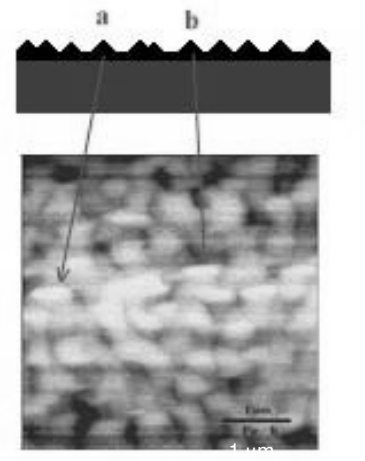


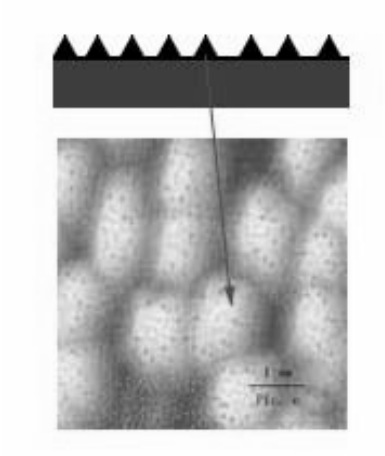
Image Statistics

Img. Z range	2.929 nm
Img. Mean	0.000001 nm
Img. Raw mean	39.159 nm
Img. Rms (Rq)	0.369 nm
Img. Ra	0.296 nm
Img. Rmax	2.929 nm
Img. Srf. area	25.001 µm²

FIG 5



(A)



(C)

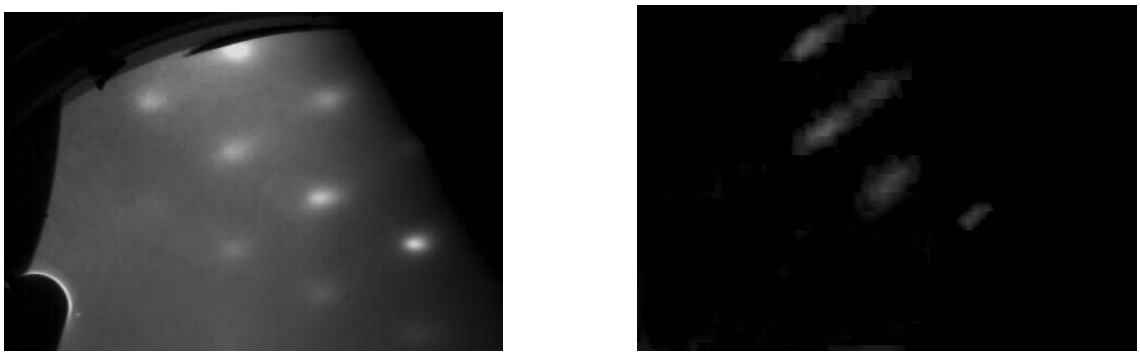


(B)



(D)

FIG 6



(A) (B)

FIG 7

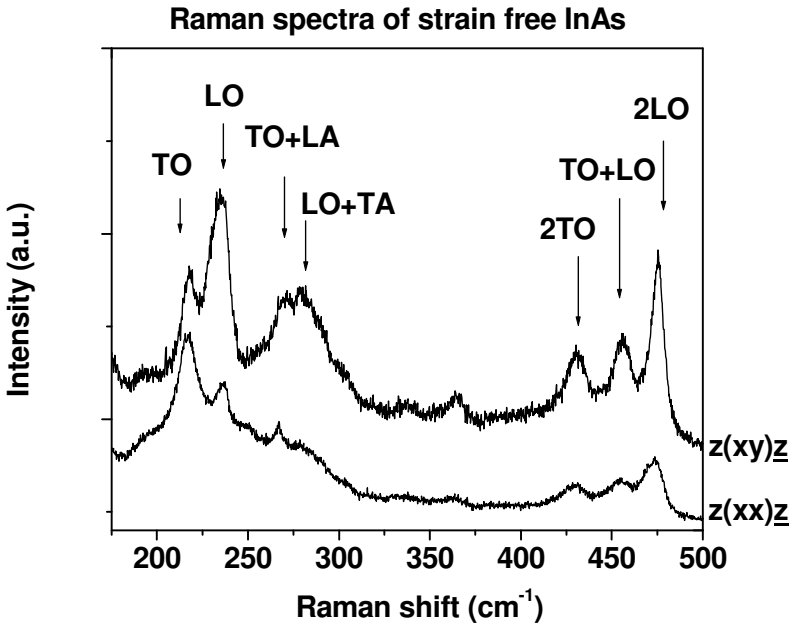
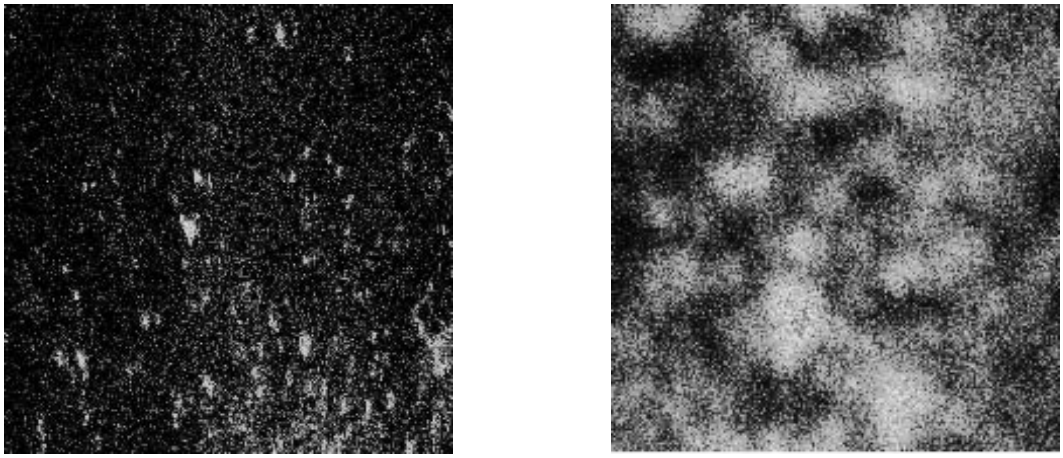
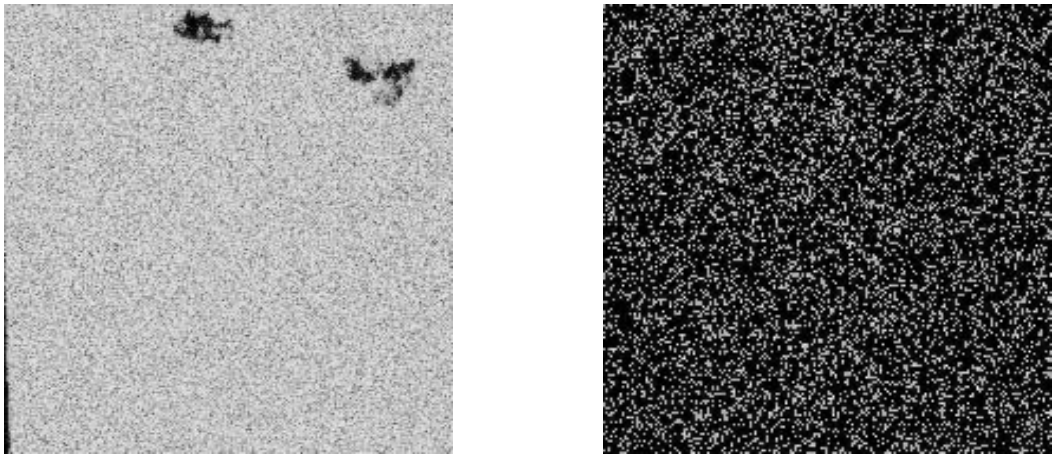

Raman spectra of strain free InAs
LO
TO+LA
TO
LO+TA
2LO
TO+LO
2TO
z(xy)z
z(xx)z
Intensity (a.u.)
200
250
300
350
400
450
500
Raman shift (cm-1)

FIG 8



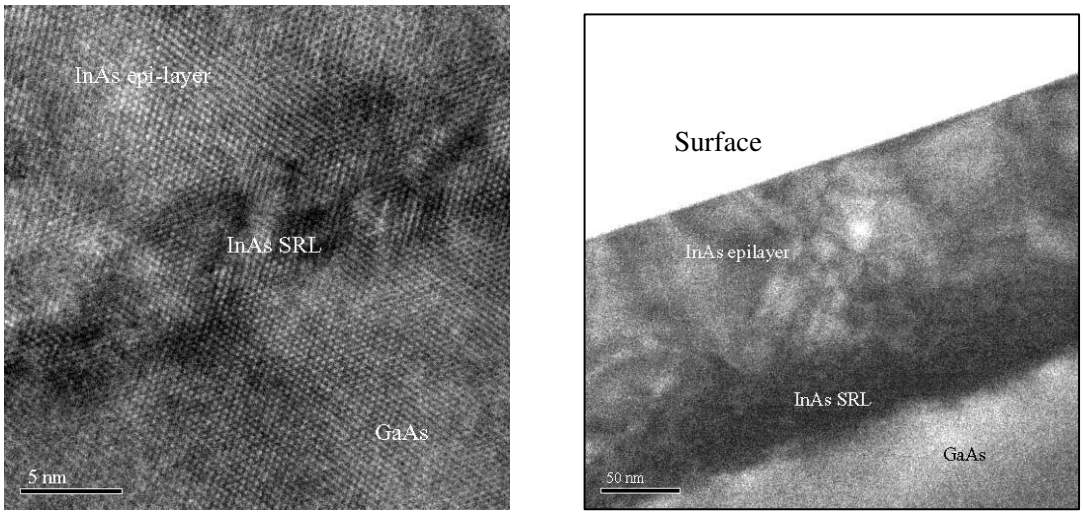
(A) (B)

FIG 9



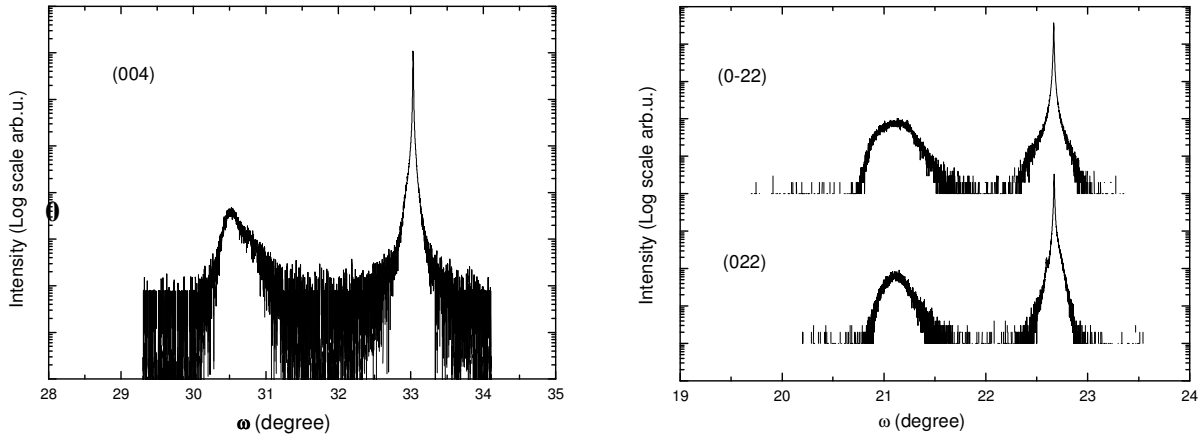
(A) (B)

FIG 10



(A) (B)

FIG 11



(A) (B)

FIG 12