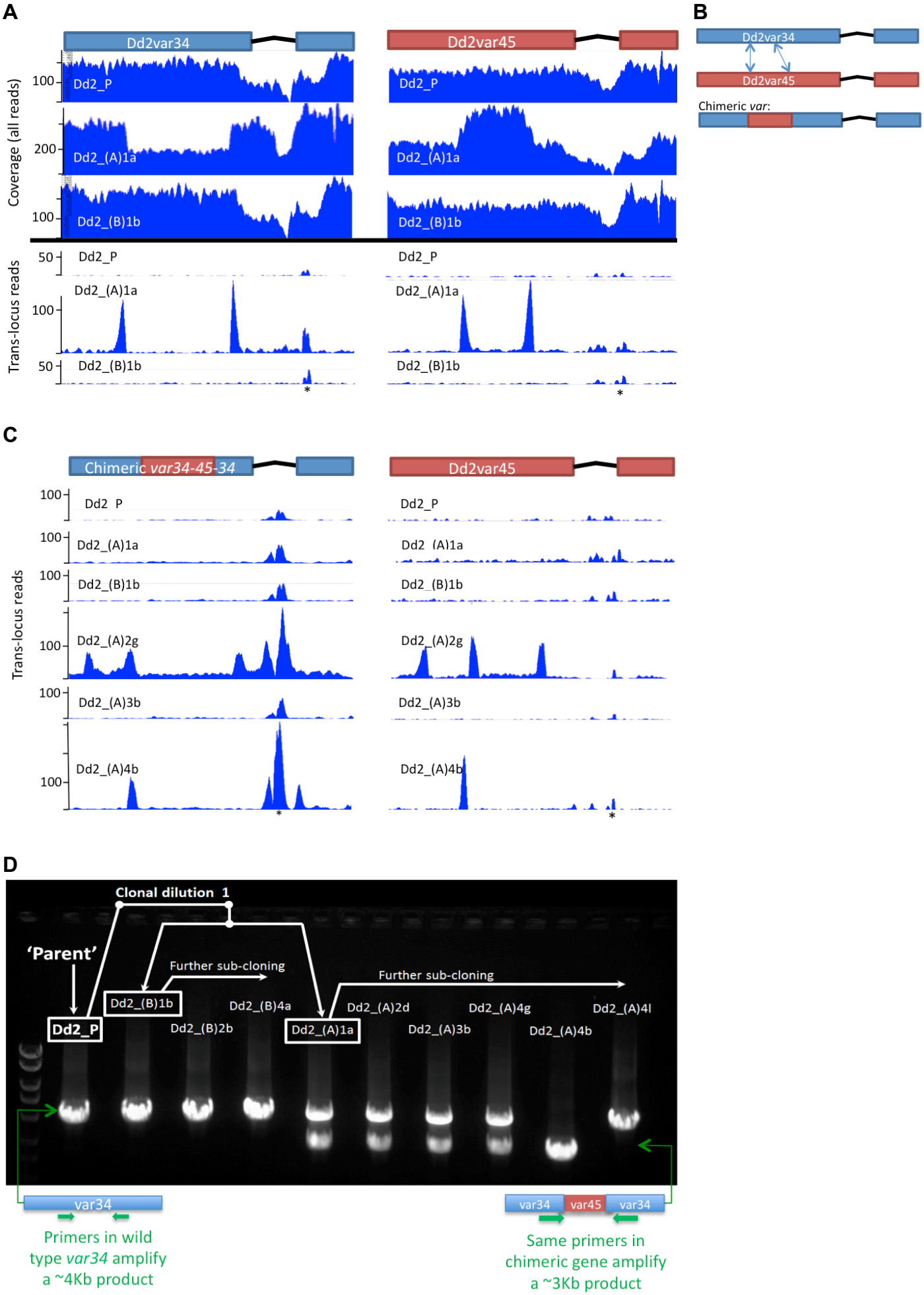
A
Dd2var34
Dd2var45
Coverage (all reads)
100
200
100
Dd2_P
Dd2_(A)1a
Dd2_(B)1b
Trans-locus reads
50
100
50
*
B
Dd2var34
Dd2var45
Chimeric var:
C
Chimeric var34-45-34
Dd2var45
Trans-locus reads
Dd2_(A)2g
Dd2_(A)3b
Dd2_(A)4b
D
Clonal dilution 1
'Parent'
Further sub-cloning
Further sub-cloning
Dd2_(B)1b
Dd2_P
Dd2_(B)2b
Dd2_(B)4a
Dd2_(A)1a
Dd2_(A)2d
Dd2_(A)3b
Dd2_(A)4g
Dd2_(A)4b
Dd2_(A)4l
var34
var34
var45
var34
Primers in wild type var34 amplify a ~4Kb product
Same primers in chimeric gene amplify a ~3Kb product