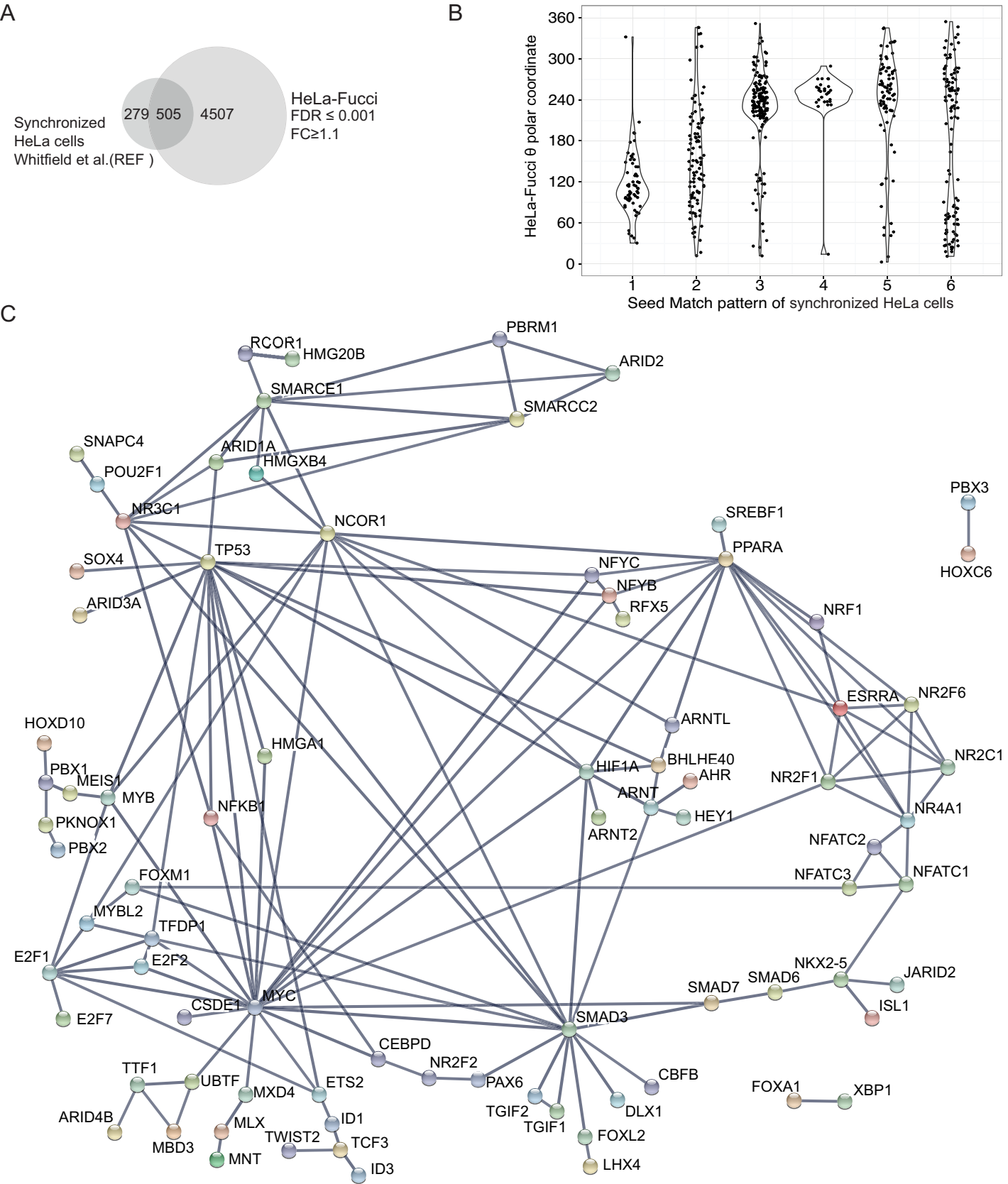
A
Synchronized
HeLa cells
Whitfield et al.(REF)
279
505
4507
HeLa-Fucci
FDR ≤ 0.001
FC≥1.1
B
HeLa-Fucci θ polar coordinate
360
300
240
180
120
60
0
1
2
3
4
5
6
Seed Match pattern of synchronized HeLa cells
C
PBRM1
RCOR1
HMG20B
ARID2
SMARCE1
SMARCC2
SNAPC4
ARID1A
HMGXB4
POU2F1
NR3C1
NCOR1
SREBF1
PPARA
PBX3
HOXC6
SOX4
TP53
NFYC
NFYB
RFX5
ARID3A
NRF1
ESRRA
NR2F6
HOXD10
ARNTL
HMGA1
PBX1
MEIS1
MYB
HIF1A
BHLHE40
AHR
NR2C1
NR2F1
ARNT
NFKB1
HEY1
NR4A1
PKNOX1
PBX2
ARNT2
NFATC2
FOXM1
NFATC3
NFATC1
MYBL2
TFDP1
E2F1
E2F2
NKX2-5
JARID2
SMAD7
SMAD6
CSDE1
MYC
ISL1
E2F7
SMAD3
CEBPD
NR2F2
CBFB
TTF1
UBTF
PAX6
FOXA1
XBP1
MXD4
ETS2
TGIF2
DLX1
ARID4B
MLX
ID1
TGIF1
TWIST2
TCF3
FOXL2
MBD3
MNT
ID3
LHX4