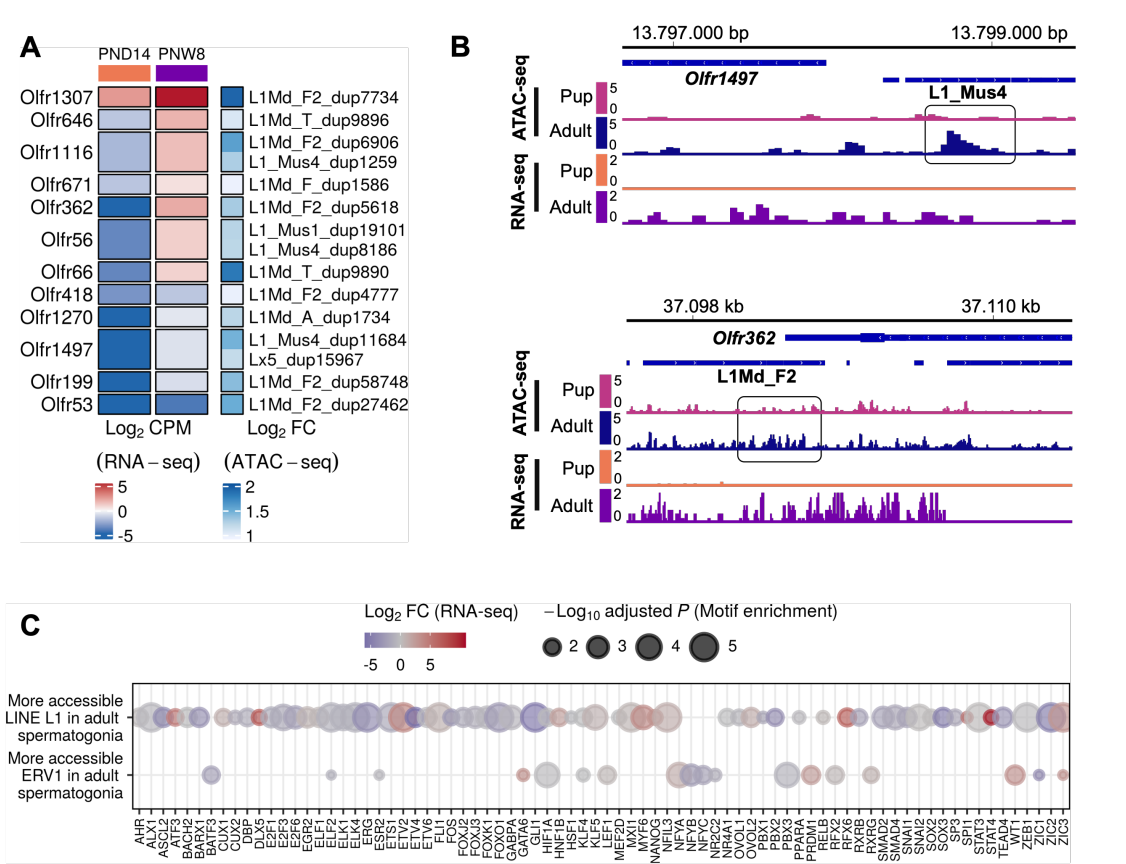
A
PND14
PNW8
Olfr1307
Olfr646
Olfr1116
Olfr671
Olfr362
Olfr56
Olfr66
Olfr418
Olfr1270
Olfr1497
Olfr199
Olfr53
L1Md_F2_dup7734
L1Md_T_dup9896
L1Md_F2_dup6906
L1_Mus4_dup1259
L1Md_F_dup1586
L1Md_F2_dup5618
L1_Mus1_dup19101
L1_Mus4_dup8186
L1Md_T_dup9890
L1Md_F2_dup4777
L1Md_A_dup1734
L1_Mus4_dup11684
Lx5_dup15967
L1Md_F2_dup58748
L1Md_F2_dup27462
Log2 CPM
(RNA – seq)
5
0
-5
Log2 FC
(ATAC – seq)
2
1.5
1
B
13.797.000 bp
13.799.000 bp
Olfr1497
L1_Mus4
ATAC-seq
Pup
Adult
RNA-seq
Pup
Adult
37.098 kb
37.110 kb
Olfr362
L1Md_F2
ATAC-seq
Pup
Adult
RNA-seq
Pup
Adult
C
Log2 FC (RNA-seq)
-5 0 5
–Log10 adjusted P (Motif enrichment)
2 3 4 5
More accessible LINE L1 in adult spermatogonia
More accessible ERV1 in adult spermatogonia
AHR
ALX1
ASCL2
ATF3
BACH2
BARX1
BATF3
CTCF
CUX2
DBP
DLX5
E2F1
E2F3
E2F6
EGR2
ELF2
ELF1
ELF5
ELK1
ELK4
ERG
ESR2
ETS1
ETV2
ETV4
ETV6
FLI1
FOS
FOXJ2
FOXK1
FOXK2
FOXO1
GABPA
GATA6
GLI1
HIF1A
HNF4B
HSF1
KLF4
KLF5
LEF1
MEF2D
MXI1
MYC
MYF5
NANOG
NFIL3
NFYA
NFYB
NFYC
NR2C2
NR4A1
OVOL1
OVOL2
PBX1
PBX2
PBX3
PPARA
PRDM1
RELB
RFX2
RFX6
RXRB
RXRG
SMAD2
SMAD4
SNAI1
SNAI2
SOX2
SOX3
SP3
SPI1
STAT1
STAT4
TEAD4
WT1
ZEB1
ZIC1
ZIC2
ZIC3