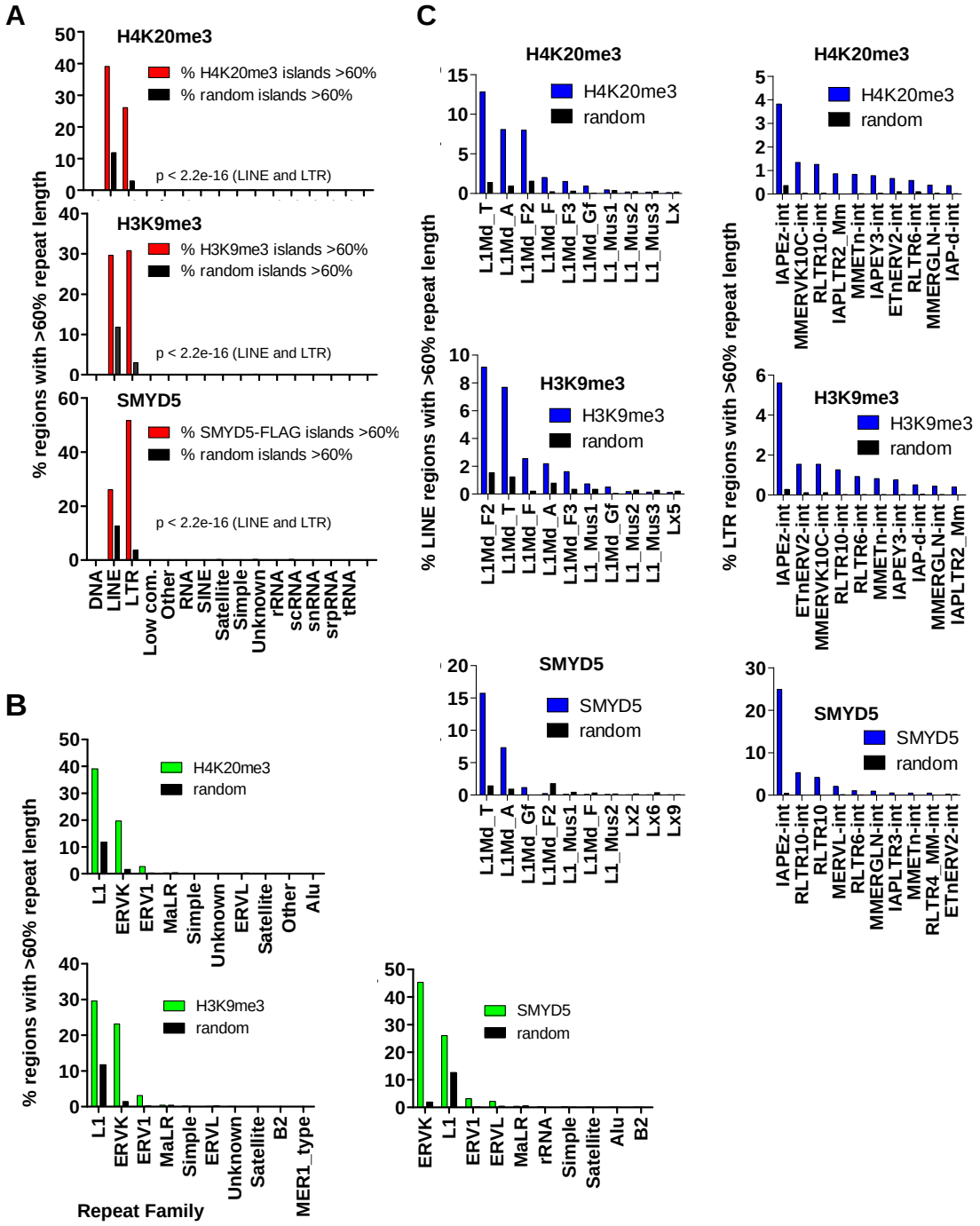
A
H4K20me3
% H4K20me3 islands >60%
% random islands >60%
p < 2.2e-16 (LINE and LTR)
H3K9me3
% H3K9me3 islands >60%
% random islands >60%
p < 2.2e-16 (LINE and LTR)
SMYD5
% SMYD5-FLAG islands >60%
% random islands >60%
p < 2.2e-16 (LINE and LTR)
% regions with >60% repeat length
DNA
LINE
LTR
Low com.
Other
RNA
SINE
Satellite
Simple
Unknown
rRNA
scRNA
snRNA
srpRNA
tRNA
B
H4K20me3
random
H3K9me3
random
SMYD5
random
% regions with >60% repeat length
L1
ERVK
ERV1
MaLR
Simple
Unknown
ERVL
Satellite
Other
Alu
B2
MER1_type
Repeat Family
C
H4K20me3
random
% LINE regions with >60% repeat length
L1Md_T
L1Md_A
L1Md_F2
L1Md_F
L1Md_F3
L1Md_Gf
L1_Mus1
L1_Mus2
L1_Mus3
Lx
% LTR regions with >60% repeat length
IAPEz-int
MMERVK10C-int
RLTR10-int
IAPLTR2_Mm
MMETn-int
IAPEY3-int
ETnERV2-int
RLTR6-int
MMERGLN-int
IAP-d-int
H3K9me3
random
L1Md_F2
L1Md_T
L1Md_F
L1Md_A
L1Md_F3
L1_Mus1
L1Md_Gf
L1_Mus2
L1_Mus3
Lx5
IAPEz-int
ETnERV2-int
MMERVK10C-int
RLTR10-int
RLTR6-int
MMETn-int
IAPEY3-int
IAP-d-int
MMERGLN-int
IAPLTR2_Mm
SMYD5
random
L1Md_T
L1Md_A
L1Md_Gf
L1Md_F2
L1_Mus1
L1Md_F
L1_Mus2
Lx2
Lx6
Lx9
IAPEz-int
RLTR10-int
RLTR10
MERVL-int
RLTR6-int
MMERGLN-int
IAPLTR3-int
MMETn-int
RLTR4_MM-int
ETnERV2-int
SMYD5
random
ERVK
L1
ERV1
ERVL
MaLR
rRNA
Simple
Satellite
Alu
B2

Figure S3