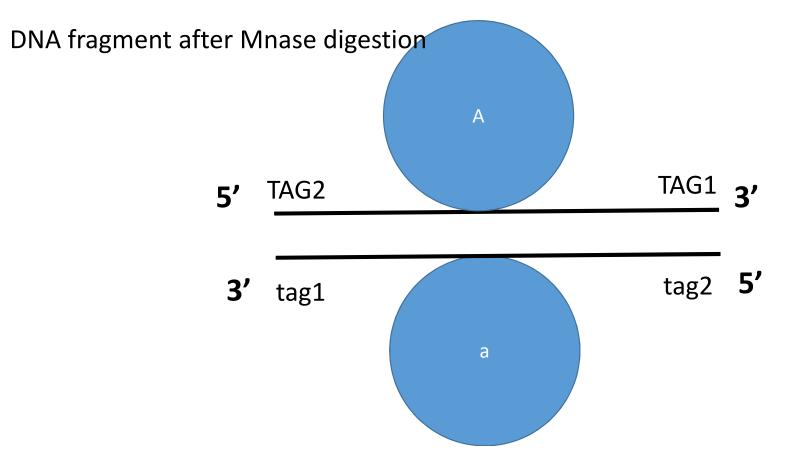
Single read







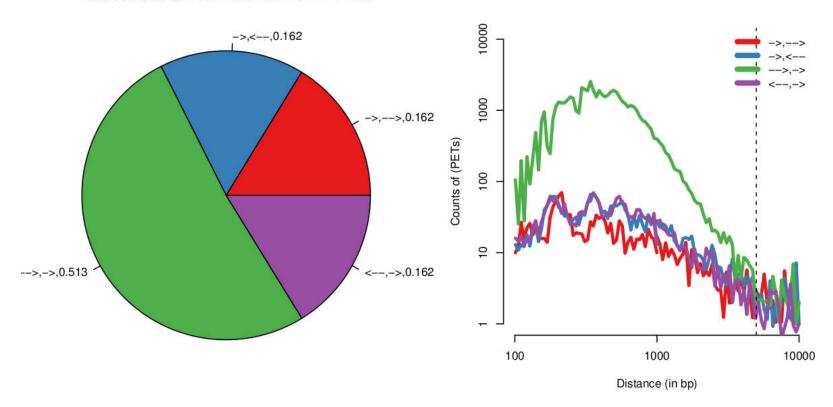
• The coordination of TAGs mappings:

"->" means for TAG1

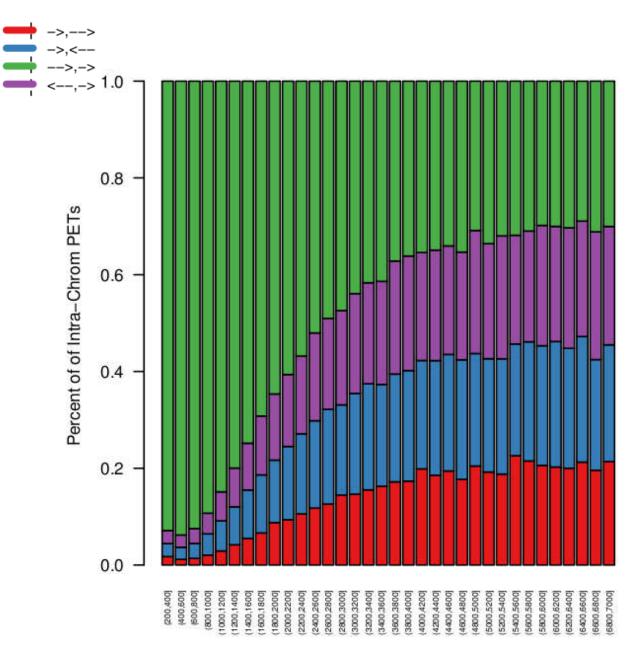


Four types classification for intra-chrom PETs

Classfication of Intra-Chrom PETs



Only partial type3 intra-chrom PETs could be generated from self-ligation. Four types of intra-chrom PETs shared with the same possibility generated from inter-ligation.



FDR calculation:

For distance L:

Total: Type1+Type2+Type3+Type4 (Distance>L)
Aver= means(Type1+Type2+Type4) (Distance >L)

FDR=(Total-4*Aver)/Total

