

Isolate cauda epididymal sperm
(indiv. ♂)



Limited micrococcal DNase digest
of identical number of sperm for
each individual animal



Purify mononucleosomal
MNDS fraction (gel)
(soluble DNA fragments)



Whole genome amplification
(WGA)



Label, hybridize to Mouse
Promoter Tiling Array 1.0R



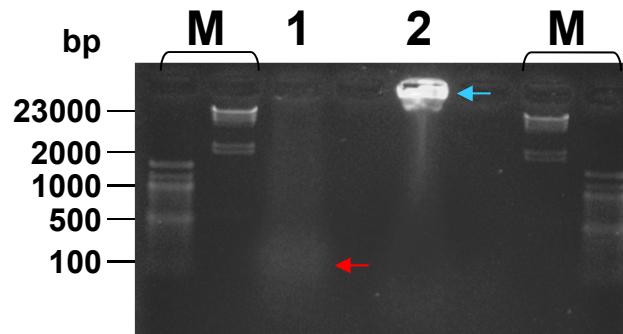
Normalize to genomic “input”



T-statistic PARPi ♂ vs control MAT
scoring
Identify abnormal histone positioning

A

C



B

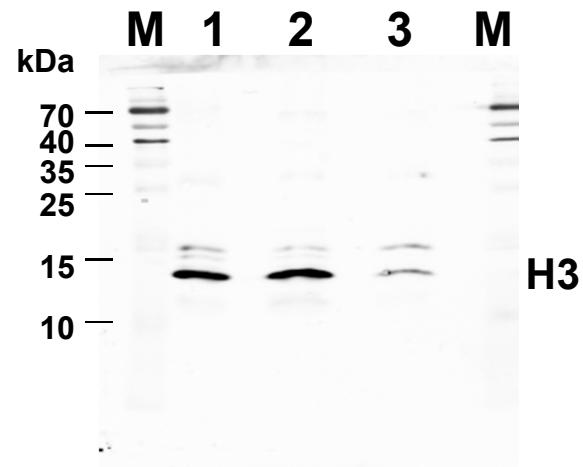


Figure S8