

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: **List of crosslinked GINI region peptides found by mass spectrometry** (experiment supplementary Fig.S10).

File Name: Supplementary Data 2

Description: **List with statistical analysis of peptides found on chromatin by CHROMASS** (experiment Fig. 6a-c, Supplementary Fig. 14).

File Name: Supplementary Data 3

Description: **Detailed information of antibodies (sheet 1) and plasmids (sheet 2) used in this study.**