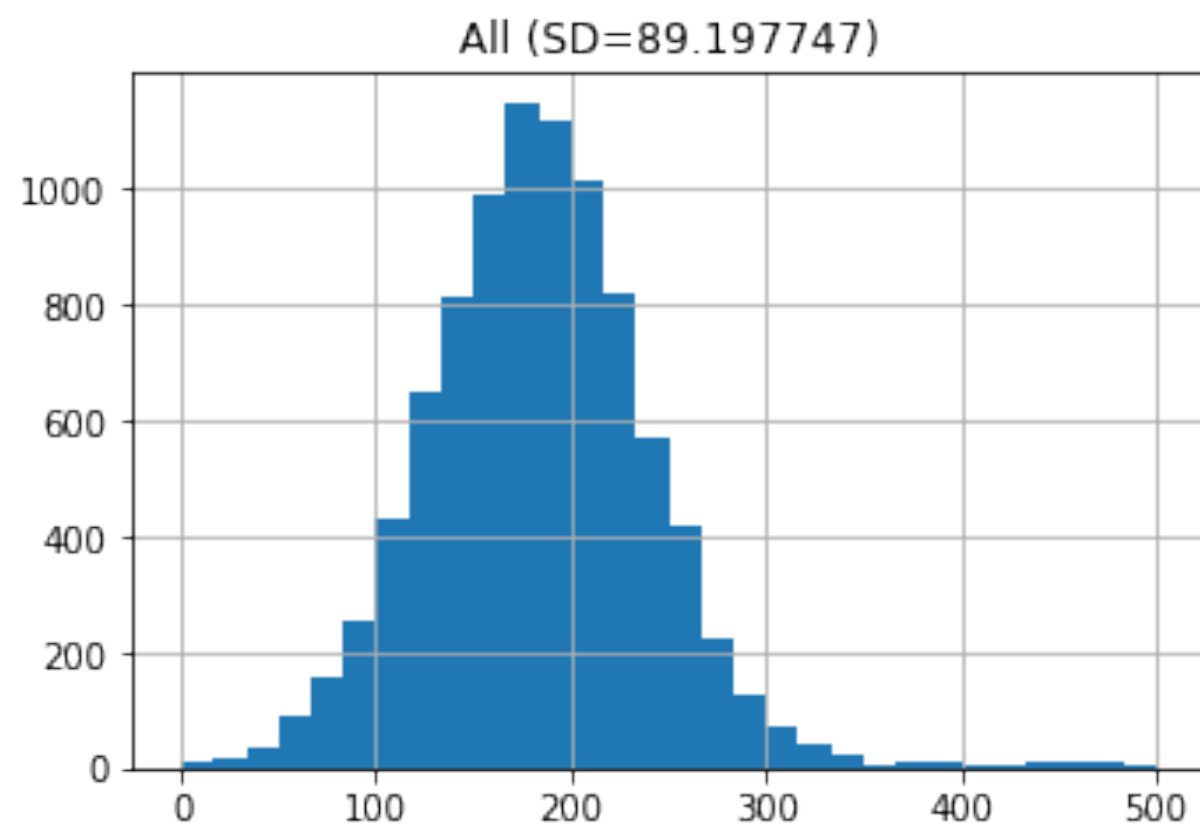


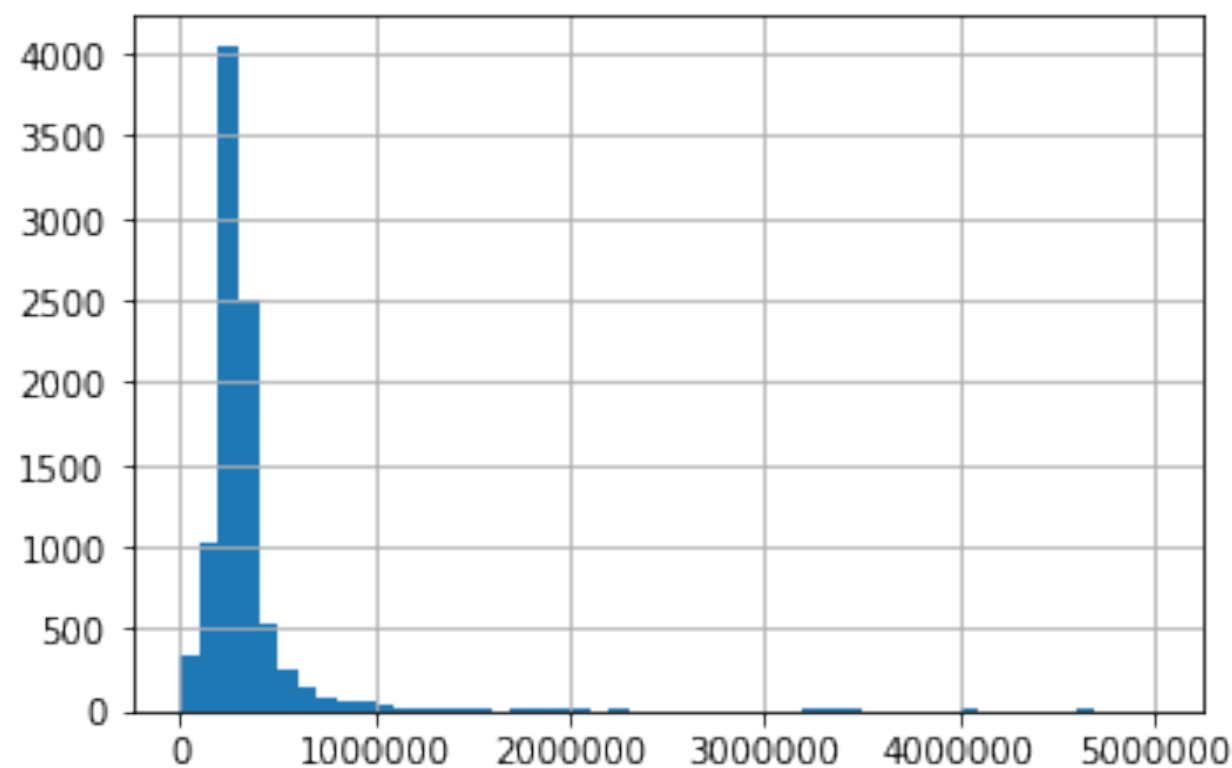
# CNV Backbone design - IDT design (9,110 probes)

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NA12878 Coverage



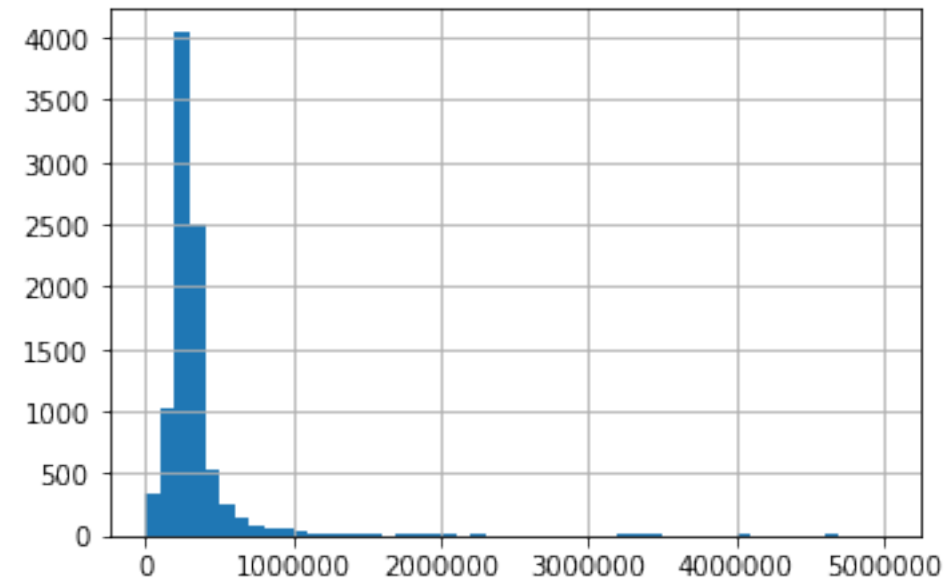
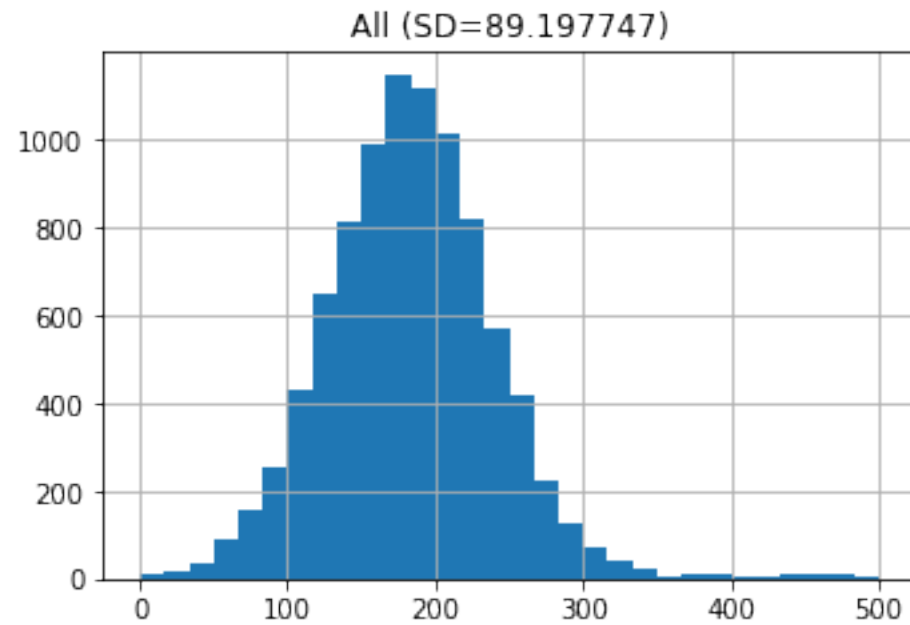
Spacing



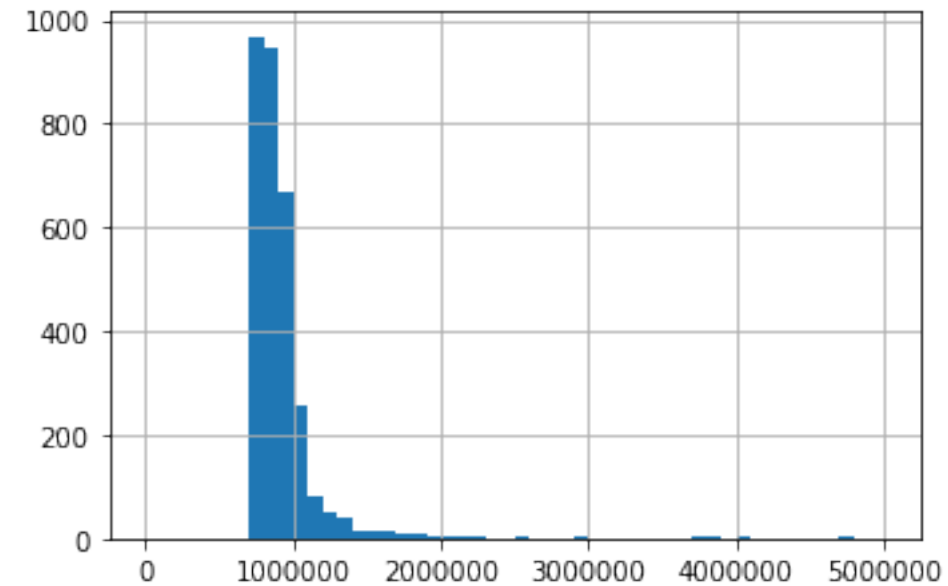
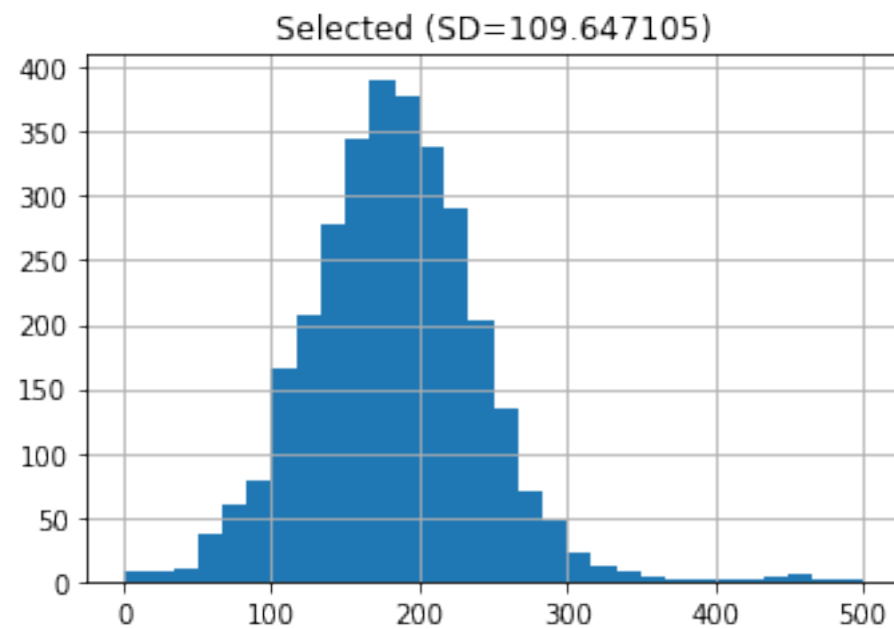
# Option A - No selection for coverage

Selecting 3141 of 9110 total (min\_spacing=700000, penalty=0)

**All**



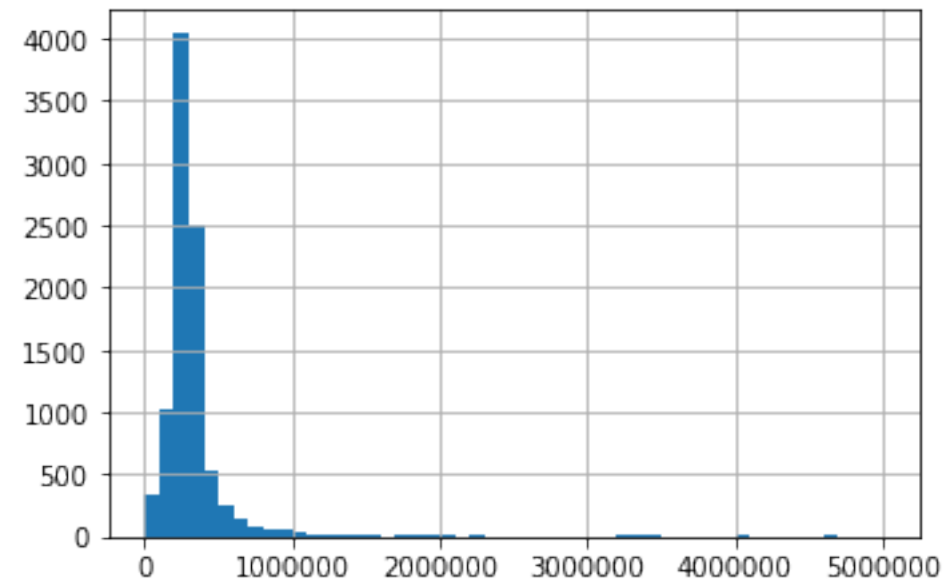
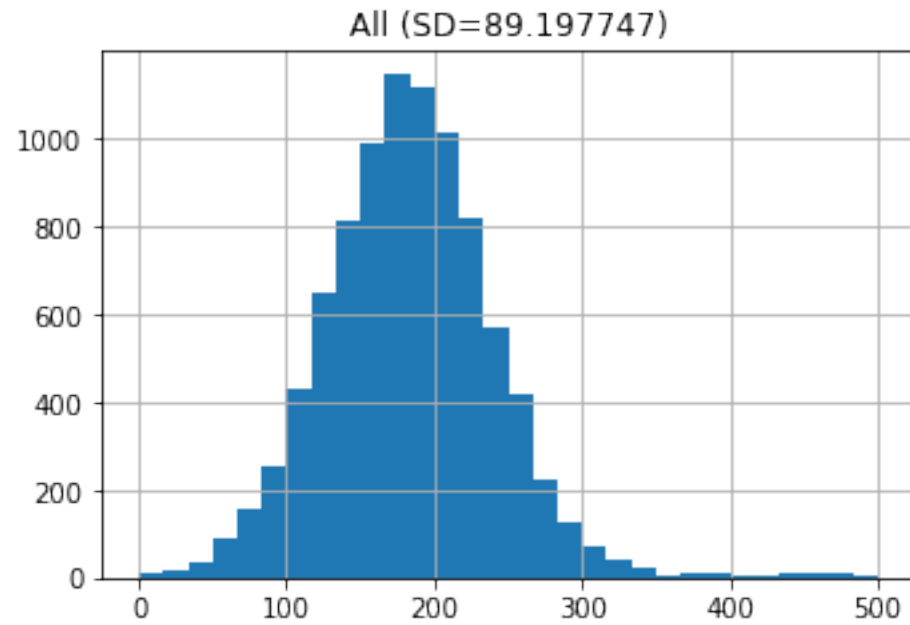
**Selected**



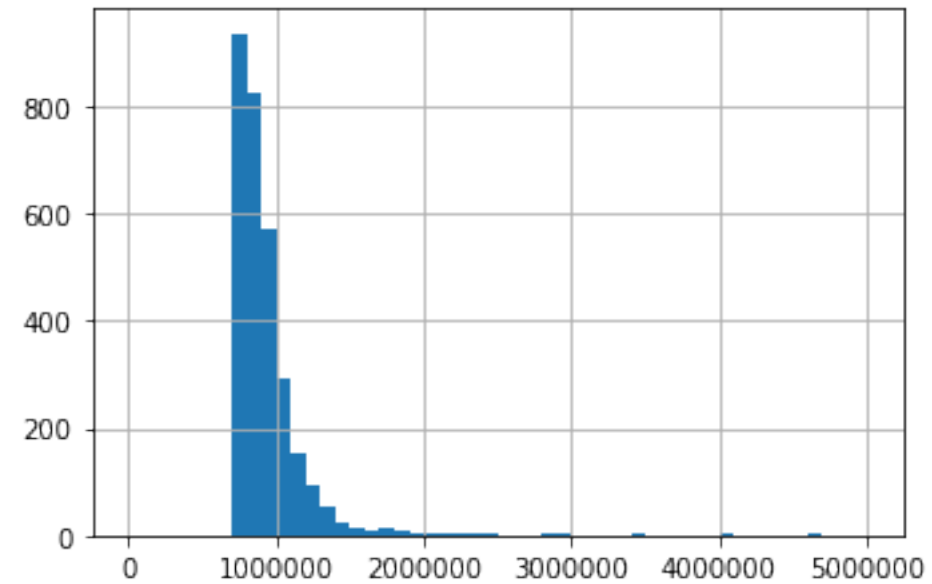
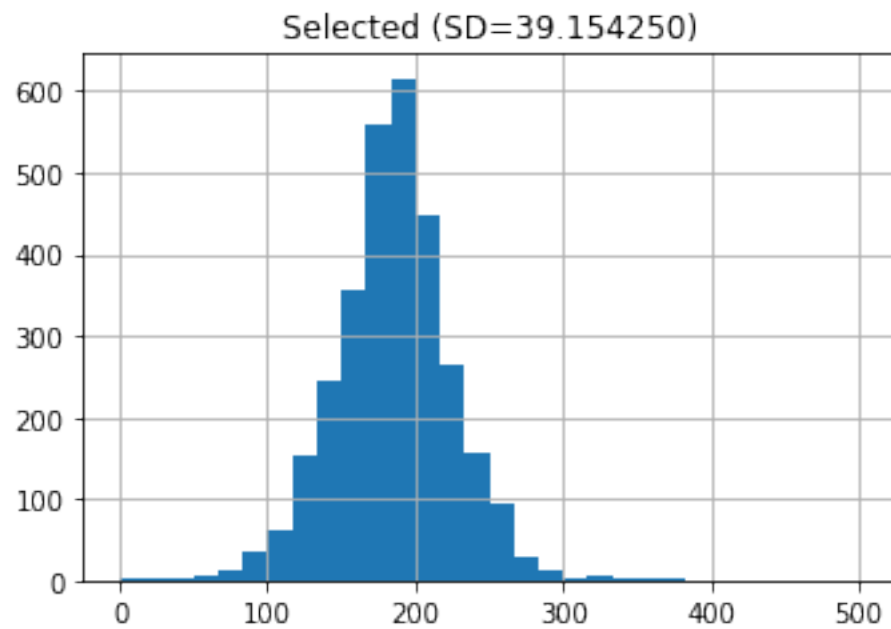
# Option B - middle

Selecting 3071 of 9110 total (min\_spacing=700000, penalty=5)

All



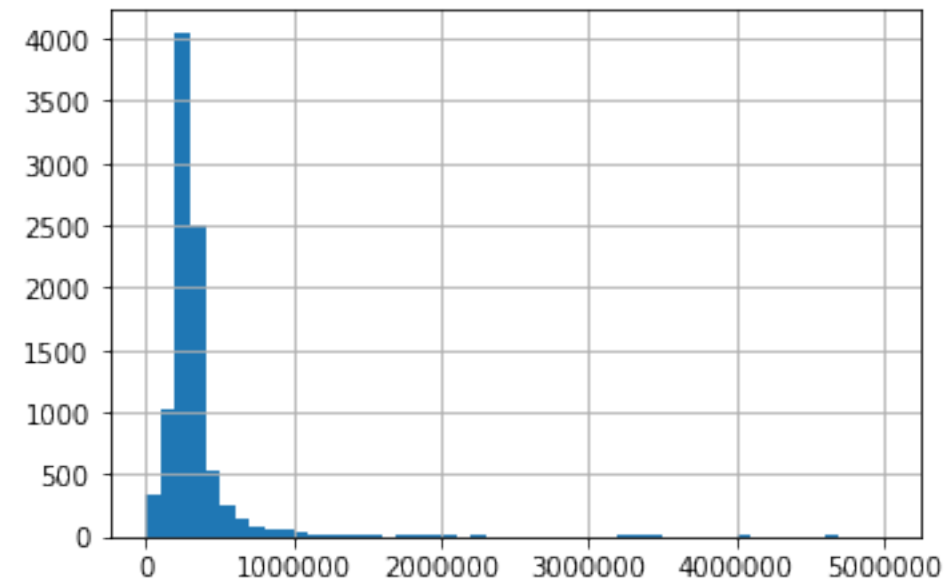
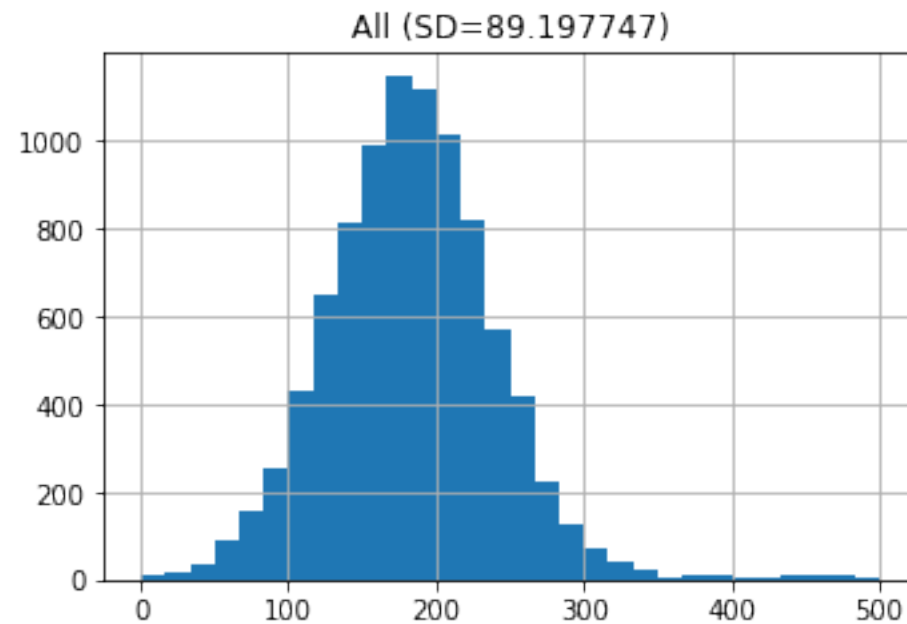
Selected



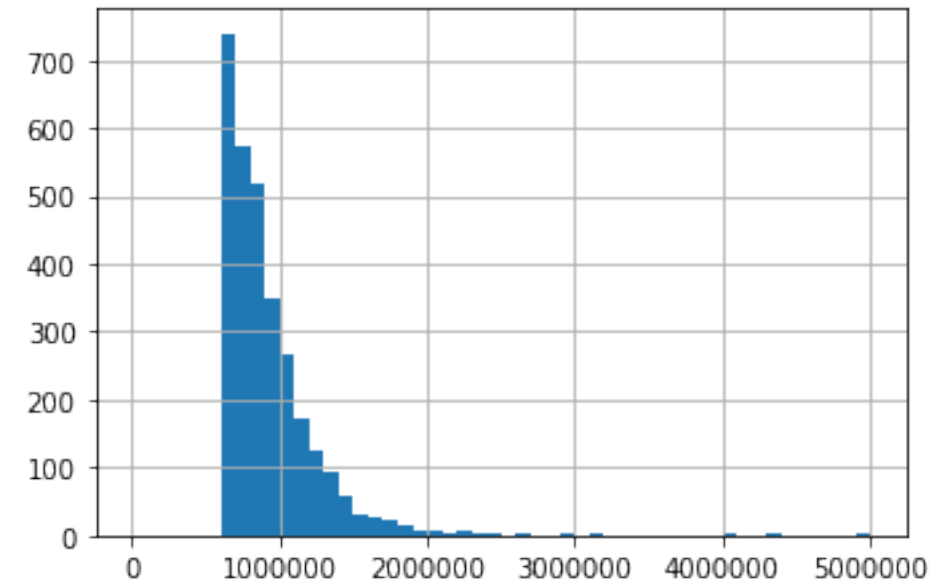
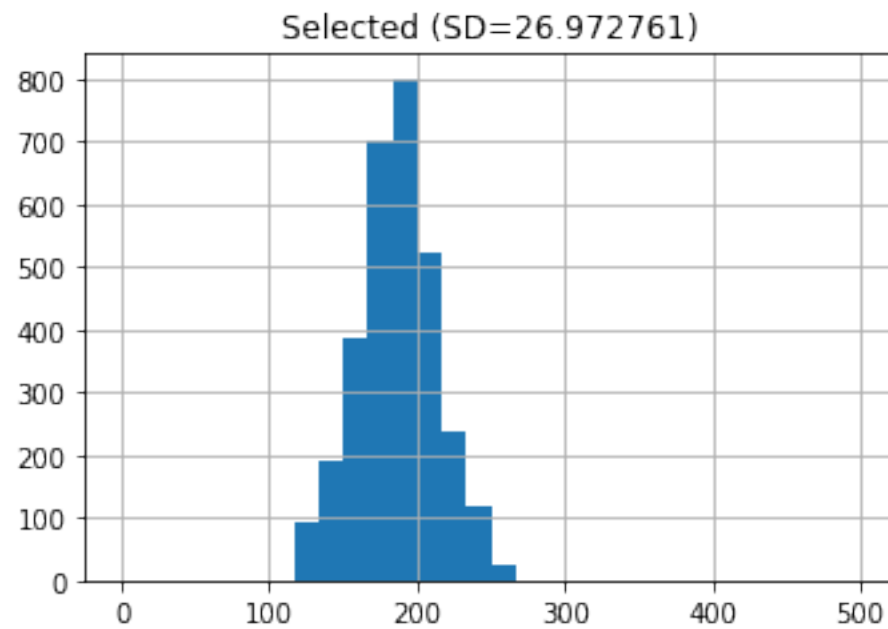
# Option C - most stringent coverage selection

Selecting 3073 of 9110 total (min\_spacing=600000, penalty=14)

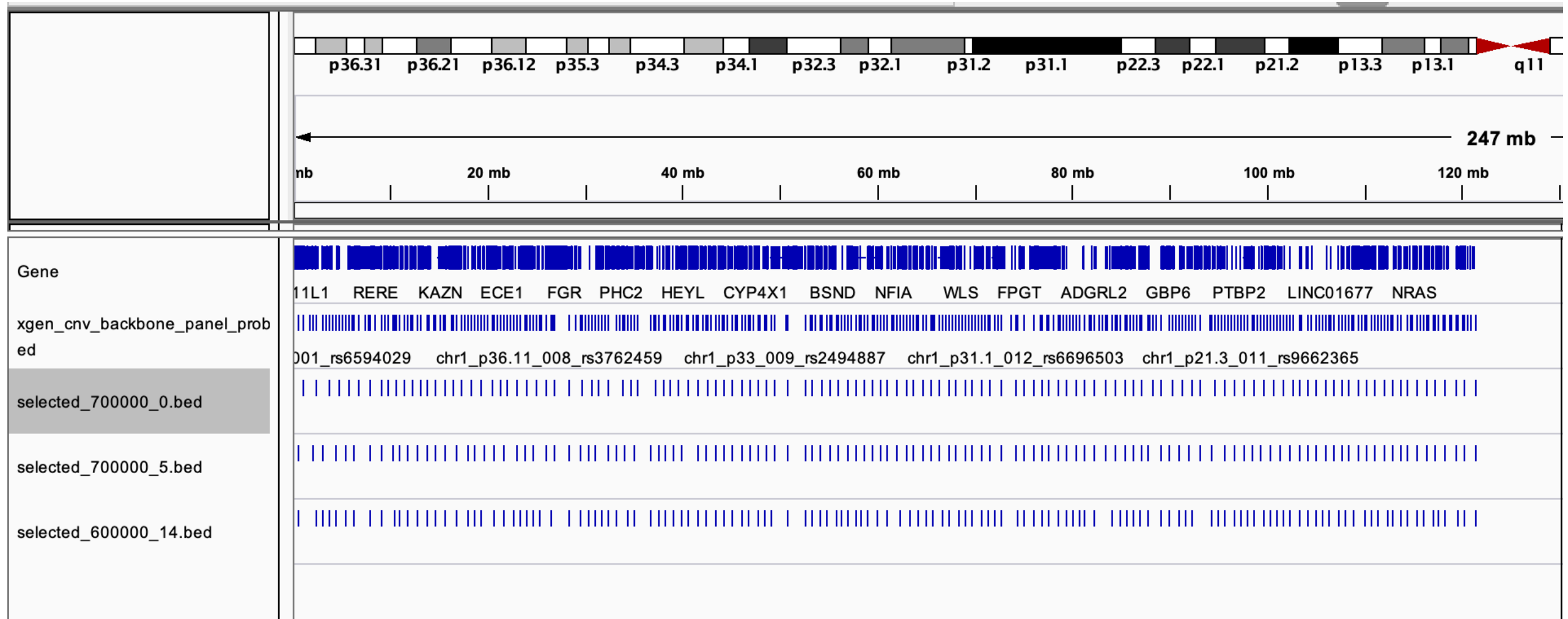
All



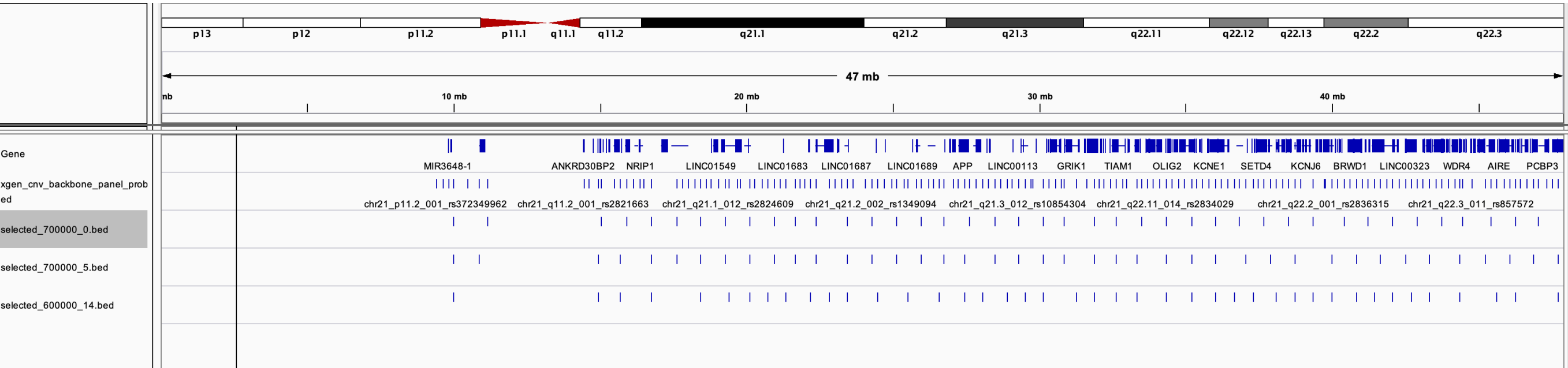
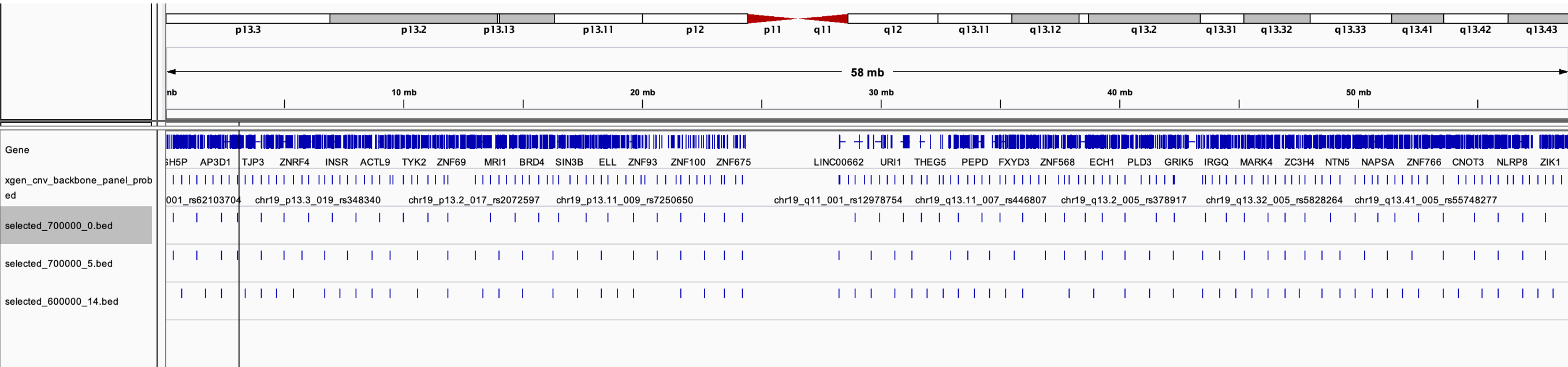
Selected



# IGV: chr1 p arm



# chr19 and 21



# chrX

