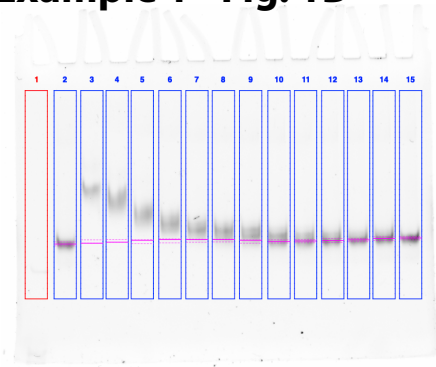


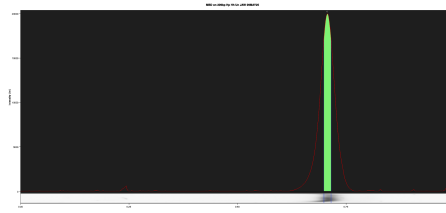
Example 1 - Fig. 1B



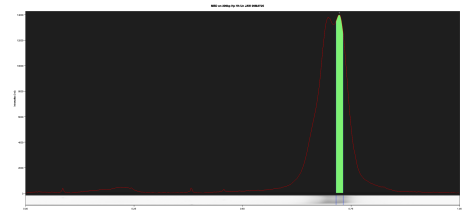
MBD binding to 37-N601-27 nucleosomes.

- Quantification of nucleosome bands close in size to complex bands.

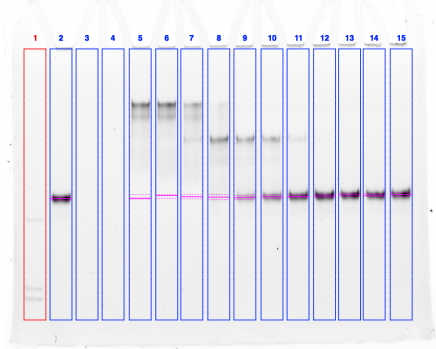
Lane 15



Lane 12



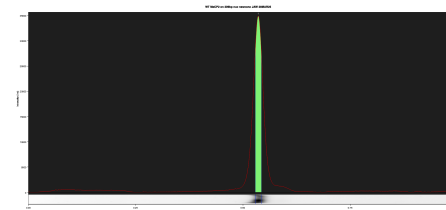
Example 2 - Fig. 1D



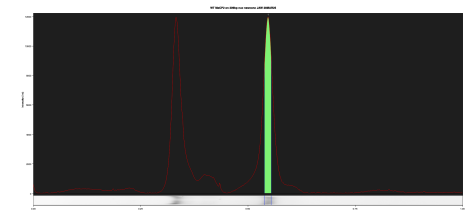
MeCP2 binding to 209bp nucleosomes.

- Quantification of standard MeCP2 binding to nucleosomes.

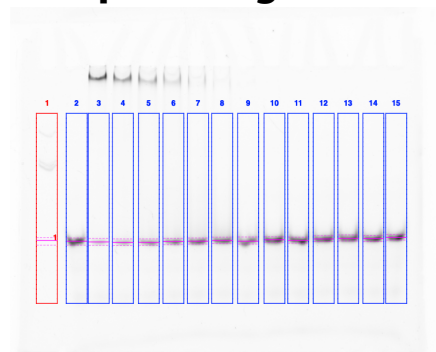
Lane 15



Lane 10



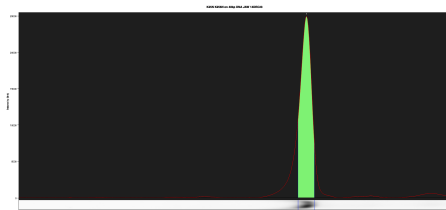
Example 3 - Fig. 5D



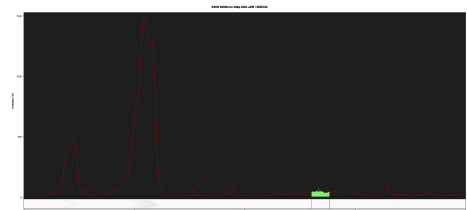
205-257 KKmut binding to 40bp DNA.

- Quantification where the highest protein concentration doesn't result in 100% fraction bound.
- In this case an additional empty lane was quantified.

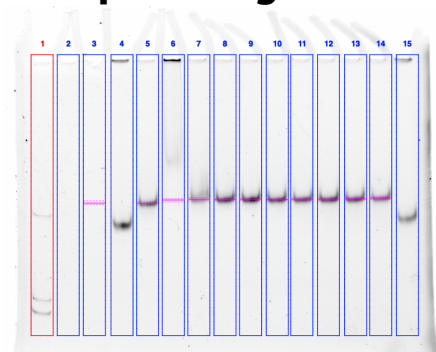
Lane 15



Lane 1



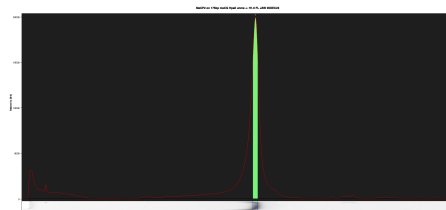
Example 4 - Fig. 7A



MeCP2 binding to 175bp chromosomes.

- Quantification of chromosome binding.
- Another example of binding not going to 100% and therefore an extra lane was quantified.

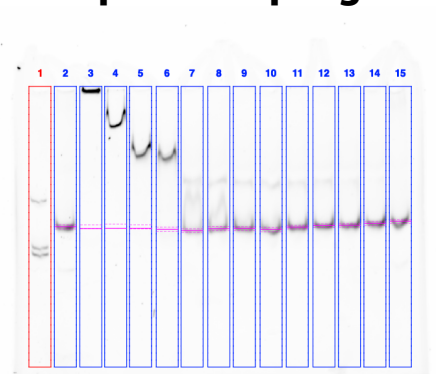
Lane 5



Lane 6



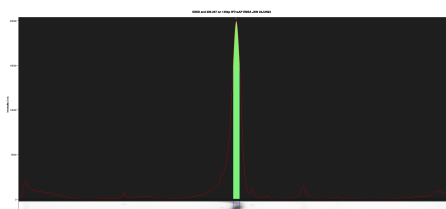
Example 5 - Sup.Fig. 8A



MeCP2 162-309 binding to 145bp AP nucleosomes

- Quantification where binding does not result in a clear complex band.
- Binding appears as a smear immediately above the nucleosome band.

Lane 2



Lane 8

