

## Raw Data Files for Gels and Blots

### Biochemical Characterization and Inhibitor Discovery for *Pf*Sir2A – New Tricks for An Old Enzyme

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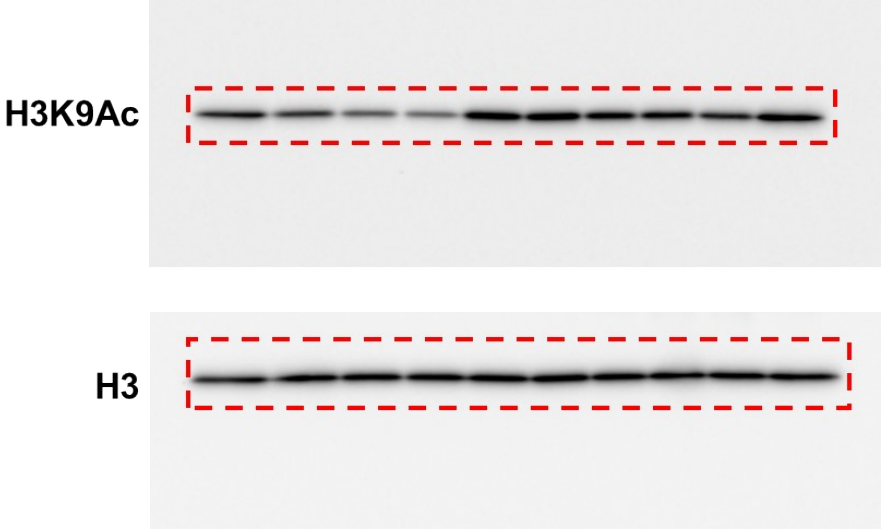
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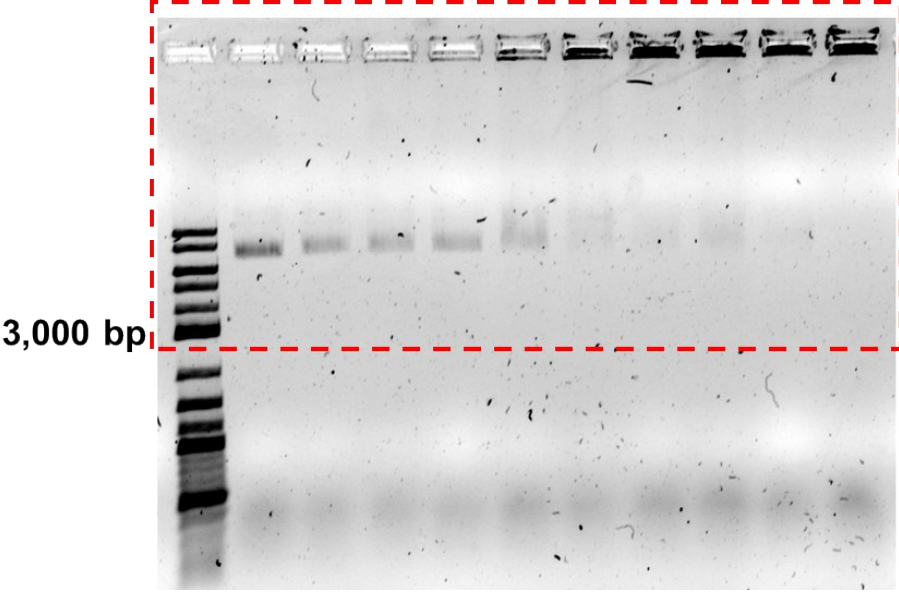
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**Figure 1.** Analysis of *Pf*Sir2A interaction with DNAs.

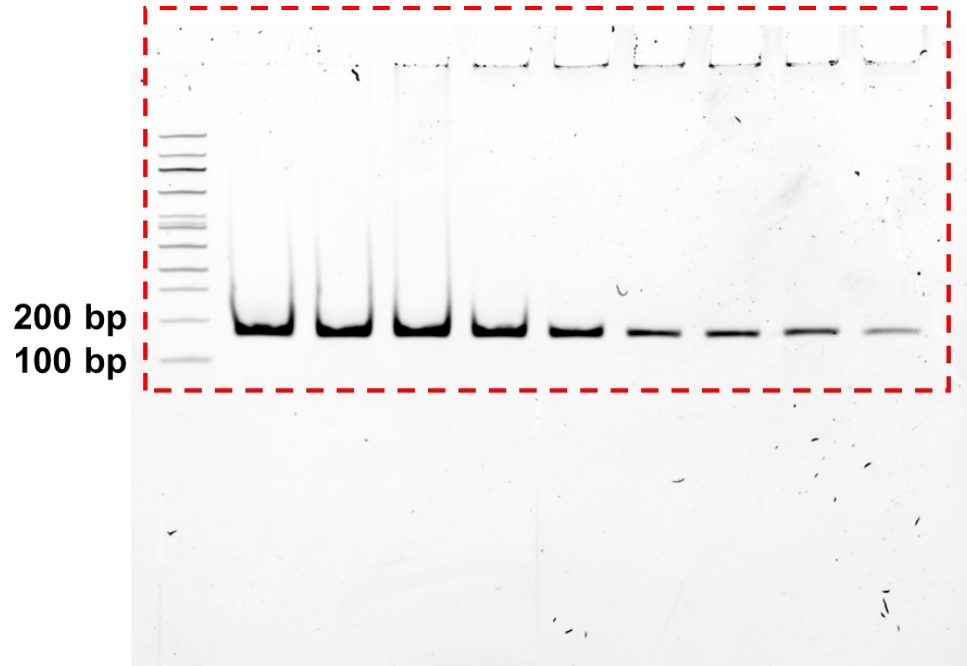
**A**



**C**

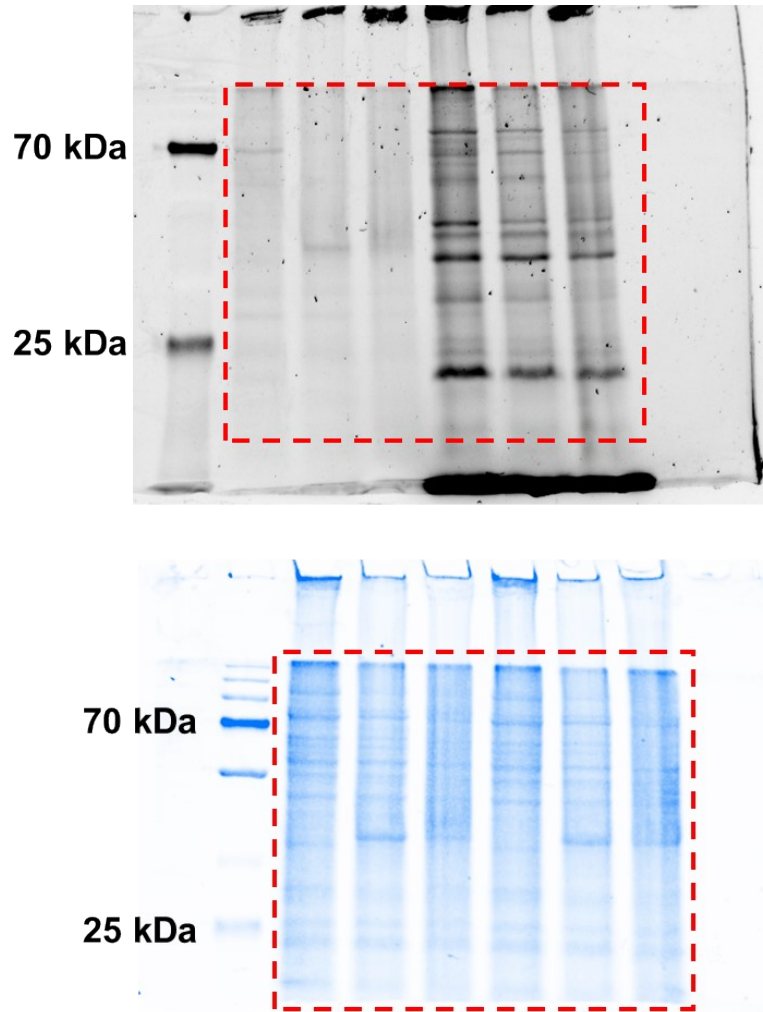


**D**



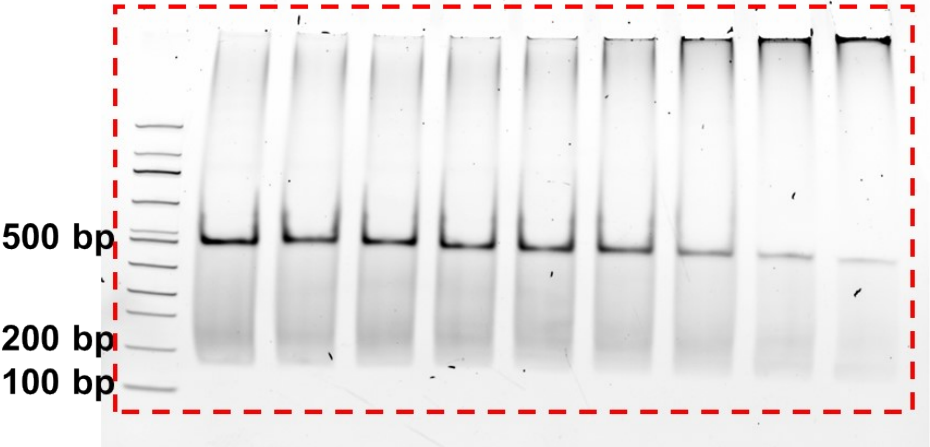
**Figure 2.** Defatty-acylase activity of *Pf*Sir2A can be activated by dsDNA.

**B**

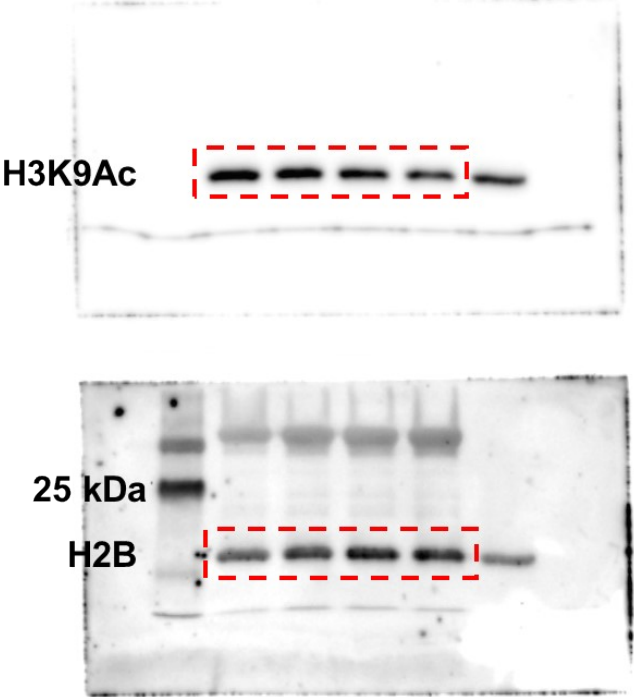


**Figure 4.** *PfSir2A* demonstrates nucleosome-dependent deacetylase activity.

**A**



**C**



**Figure 5.** Discovery of *Pf*Sir2A inhibitor from a human sirtuin regulator library.

**D**

