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**Article:**

Franco Cairo, João Paulo L., Cannella, David, Oliveira, Leandro C. et al. (11 more authors) (2021) On the roles of AA15 lytic polysaccharide monooxygenases derived from the termite Coptotermes gestroi. JOURNAL OF INORGANIC BIOCHEMISTRY. 111316. ISSN 0162-0134

<https://doi.org/10.1016/j.jinorgbio.2020.111316>

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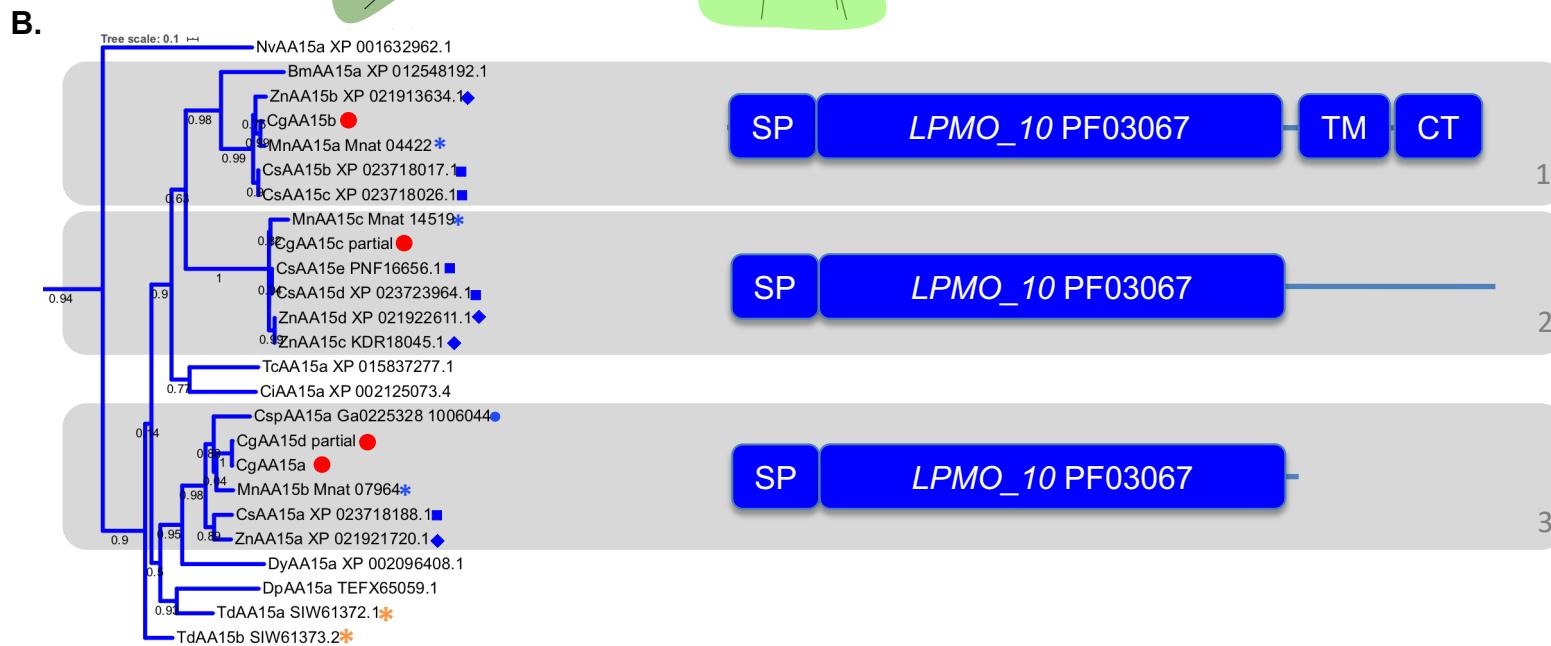
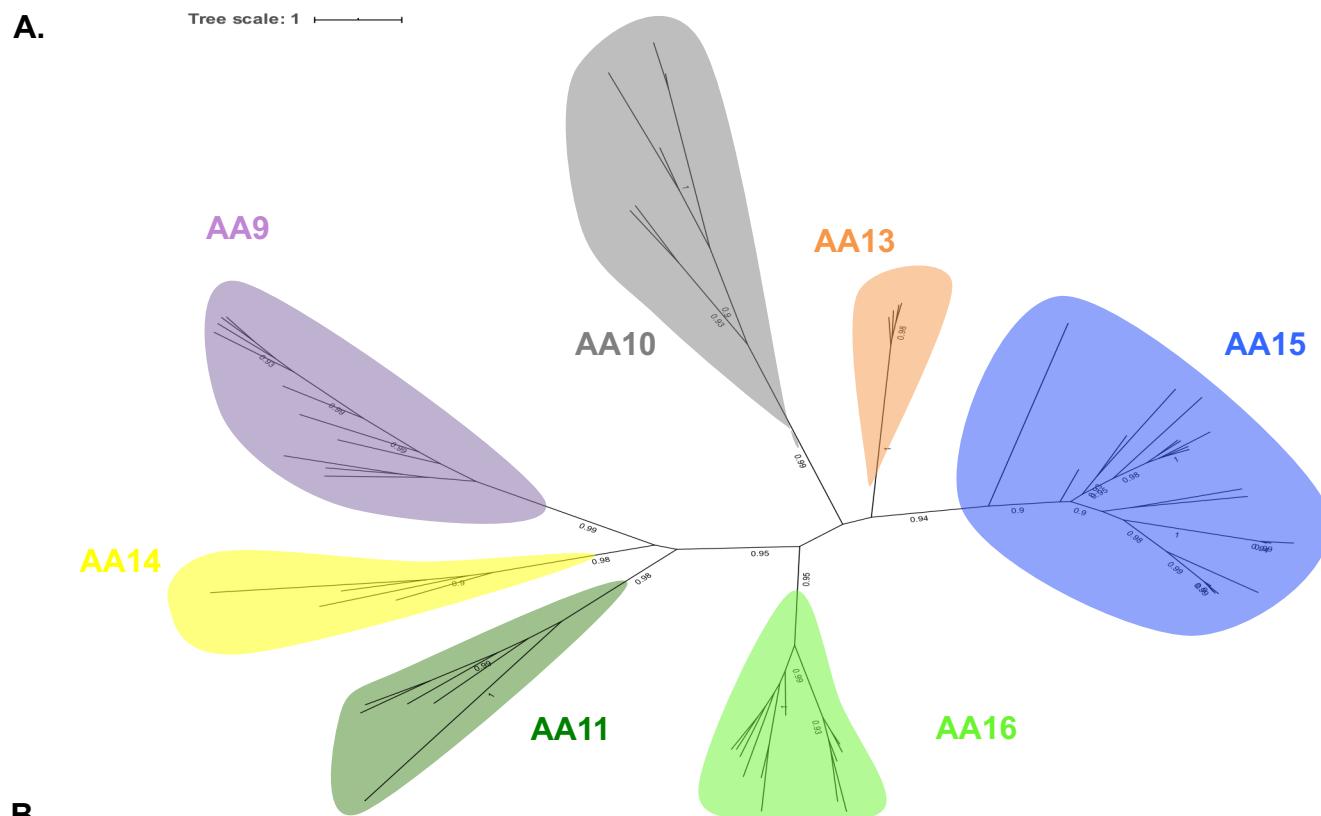
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Figure 1



**Figure S1**



Figure S2

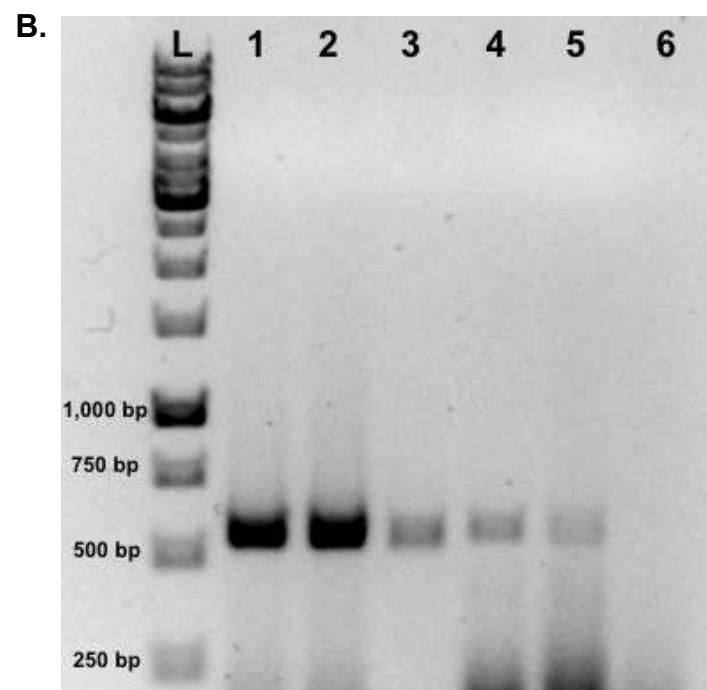
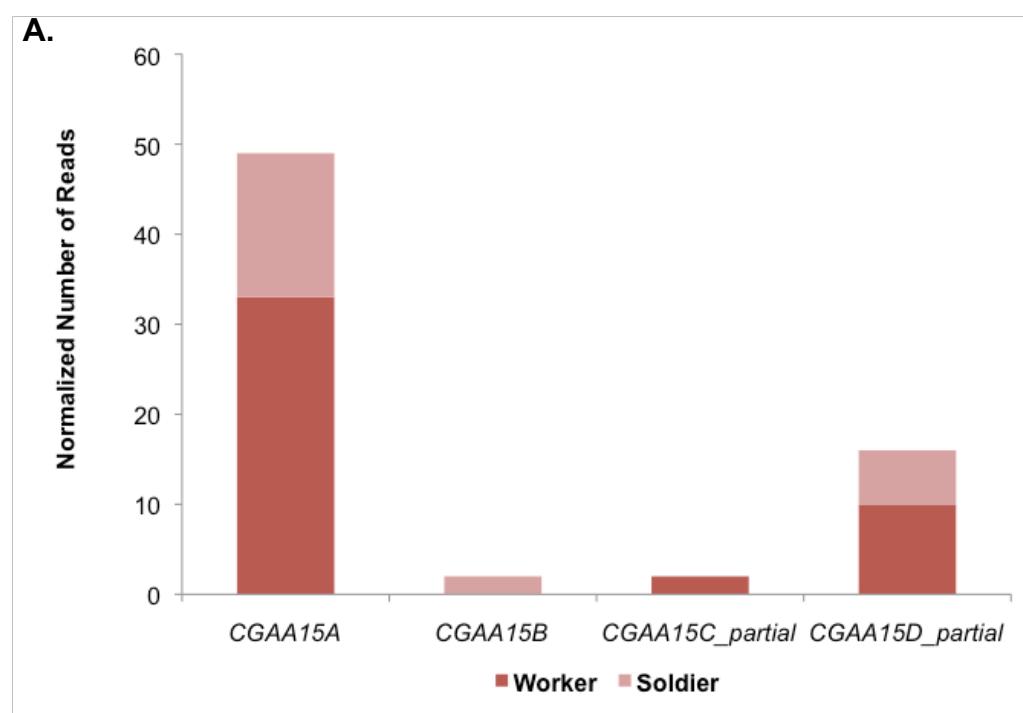
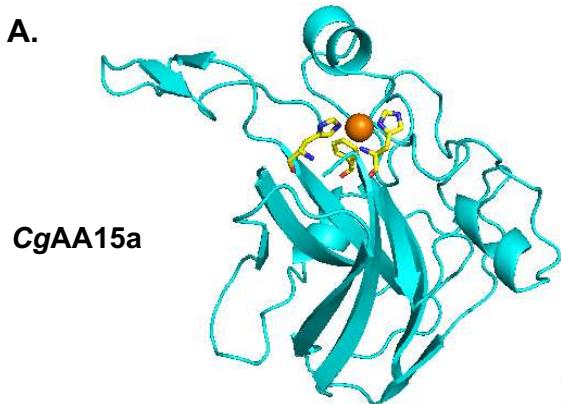
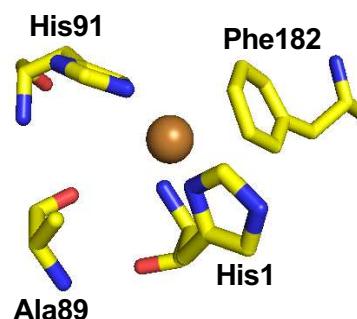


Figure 2

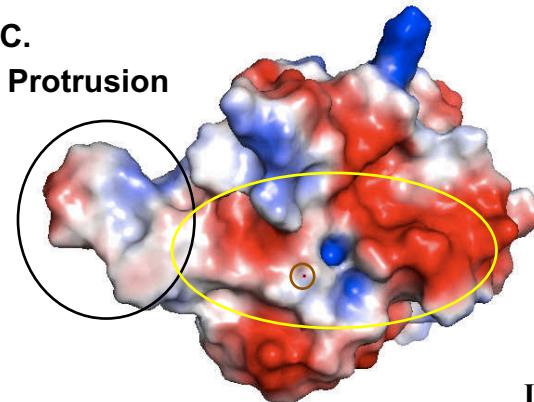
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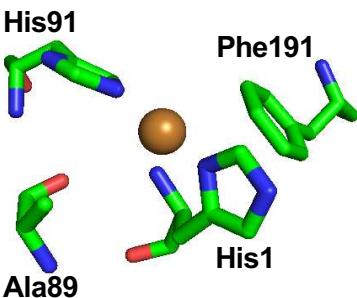
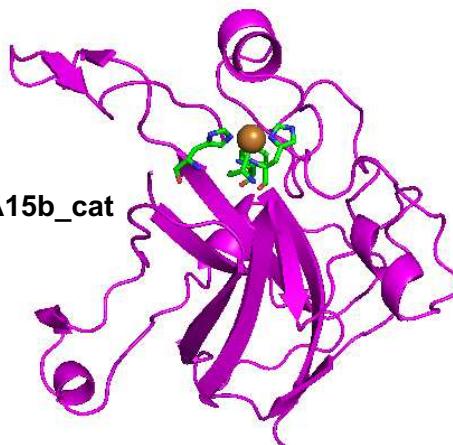


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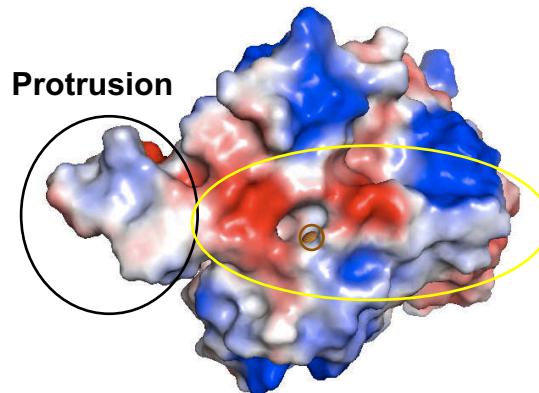


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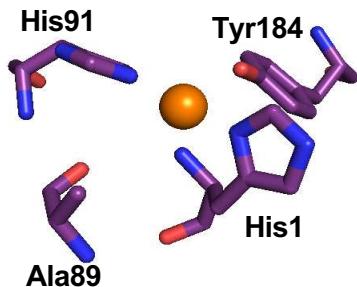
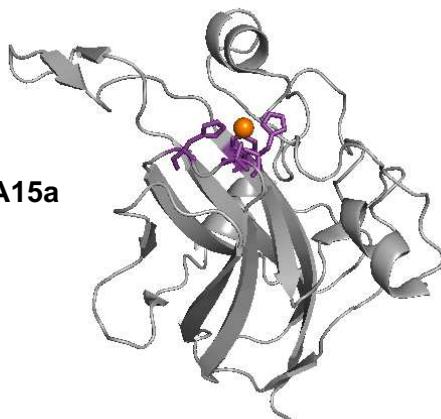


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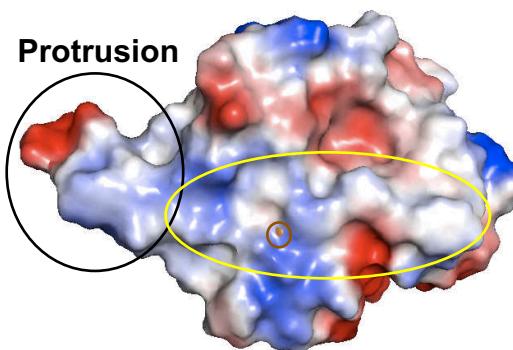


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*TdAA15a*



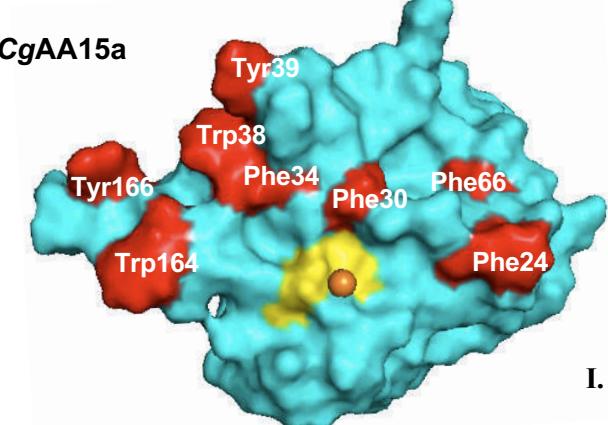
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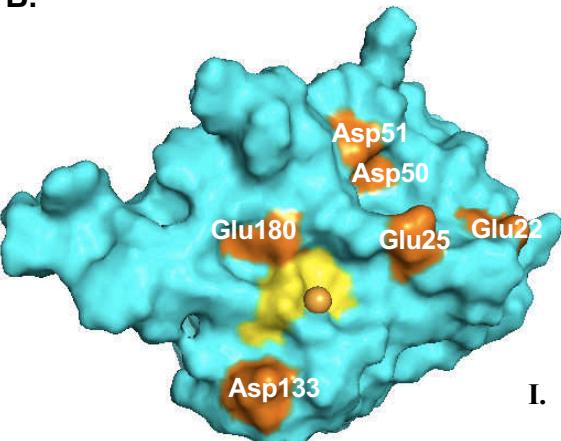
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Figure S3

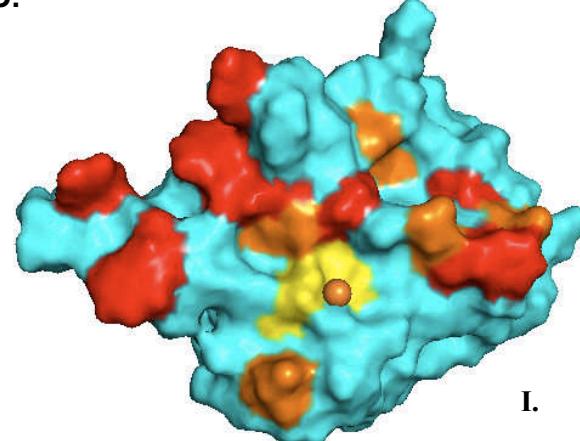
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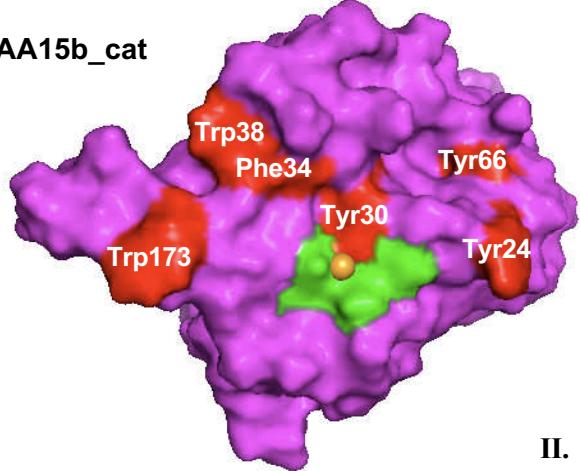
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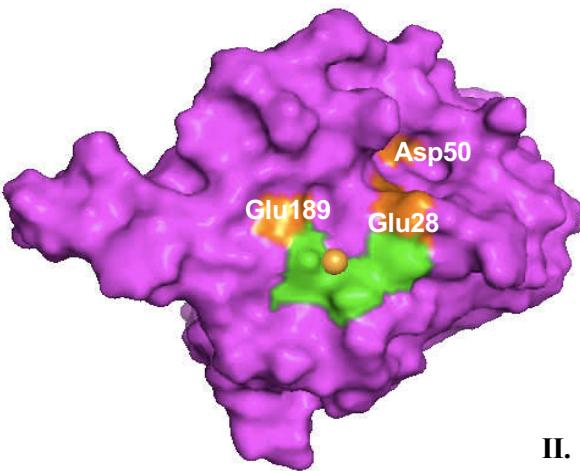
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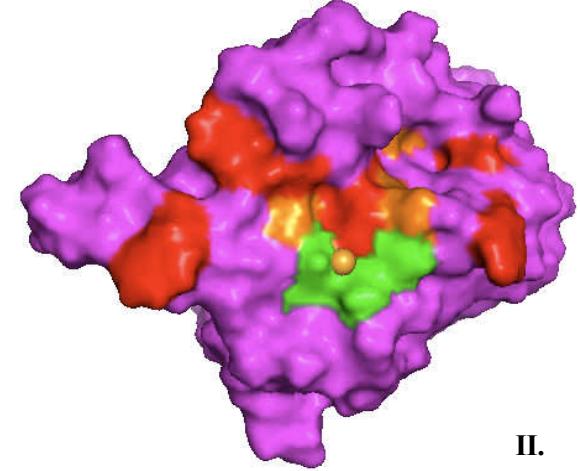
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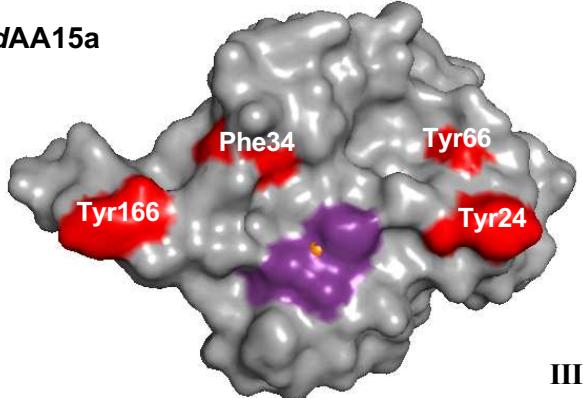
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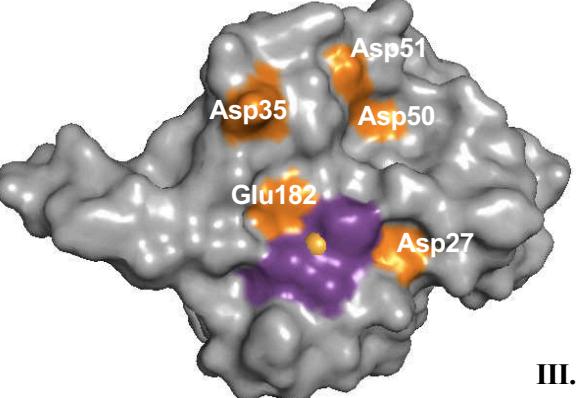
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*TdAA15a*



III.



III.

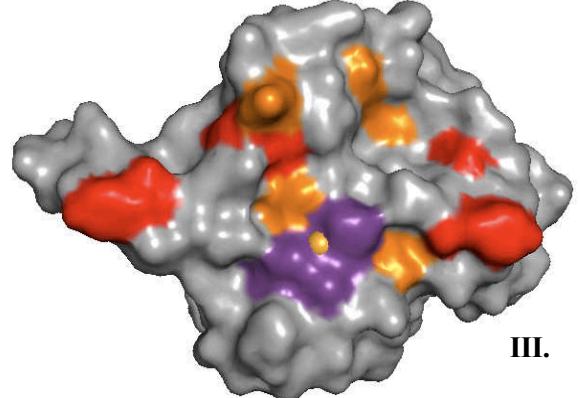
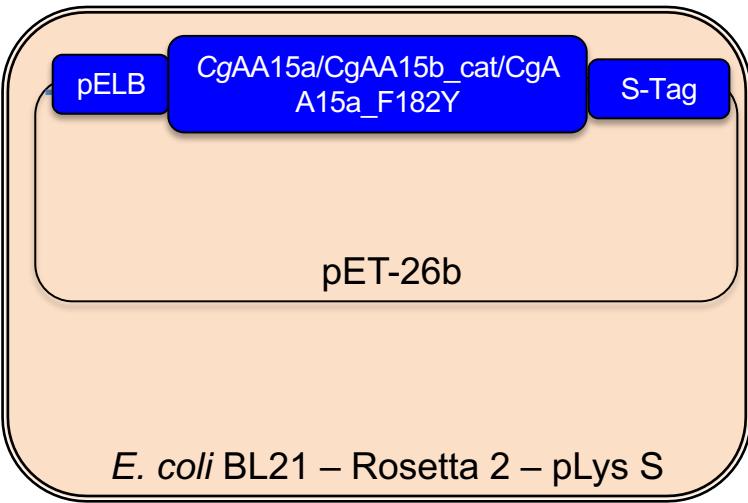


Figure S4

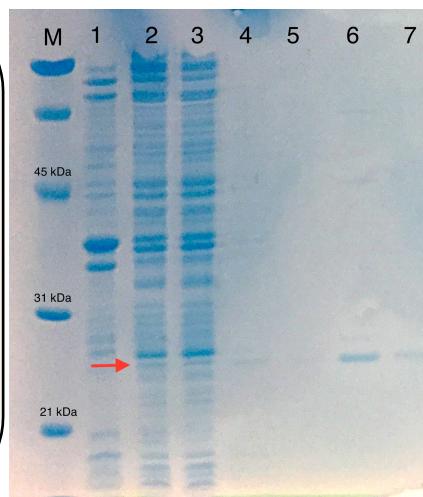
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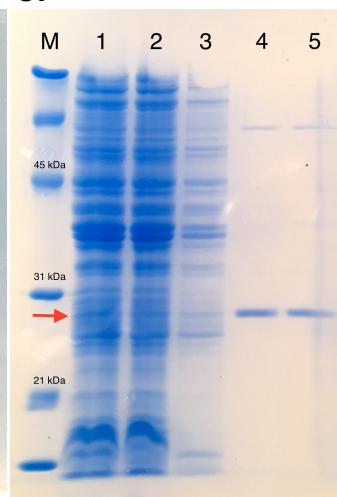
pET-26b

*E. coli* BL21 – Rosetta 2 – pLys S

B.



C.



D.

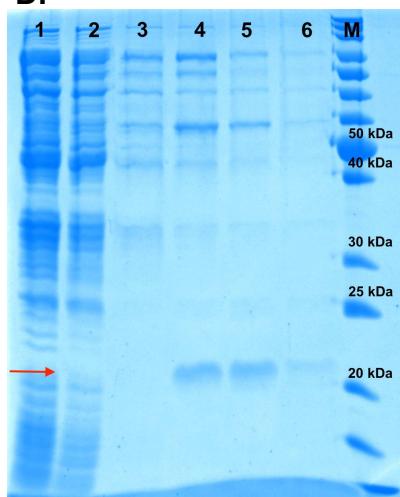
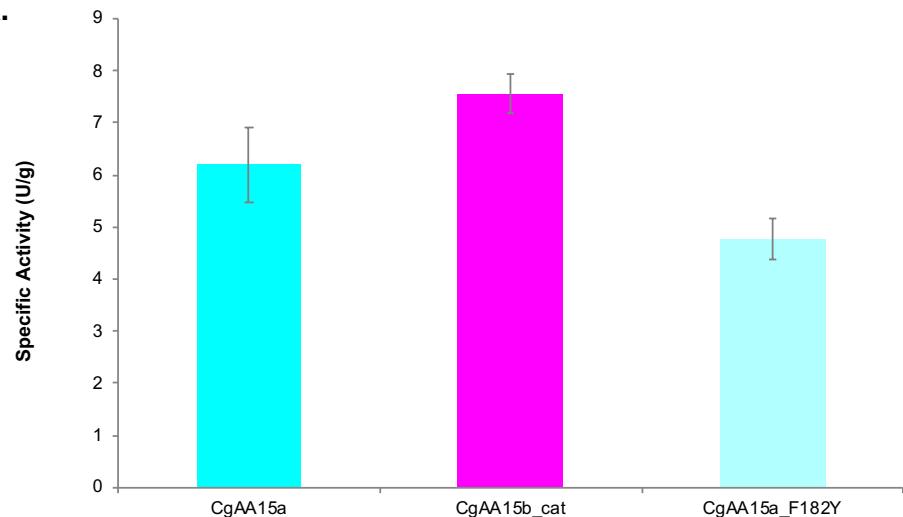
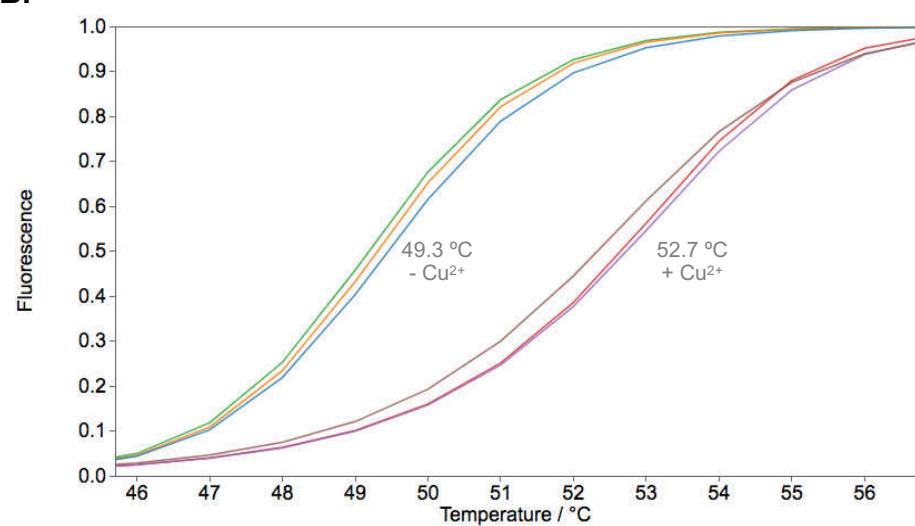


Figure 3

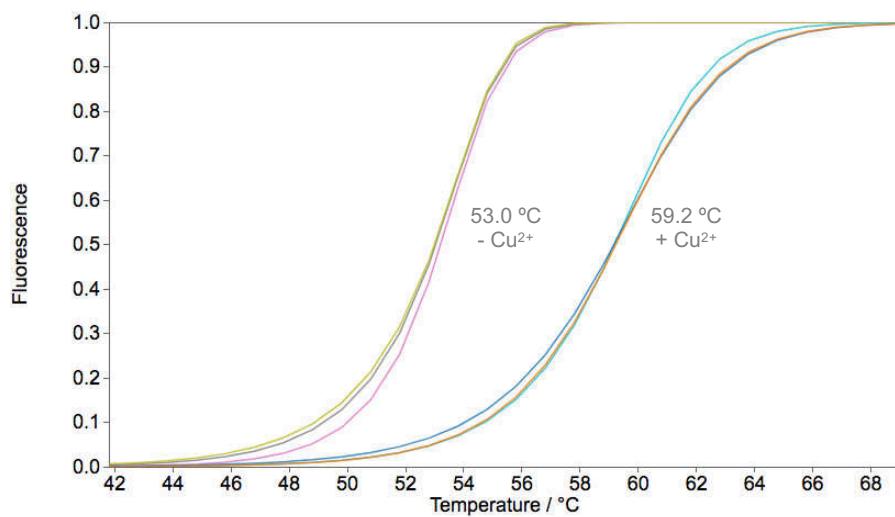
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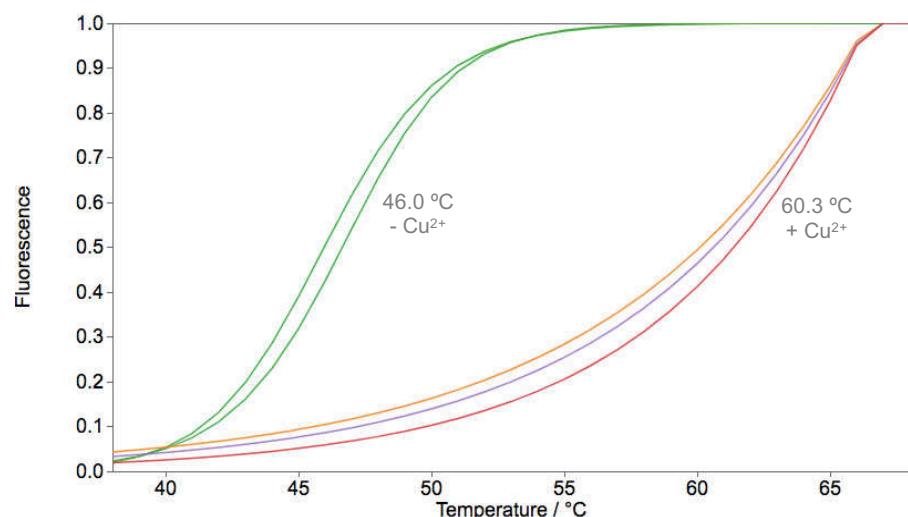
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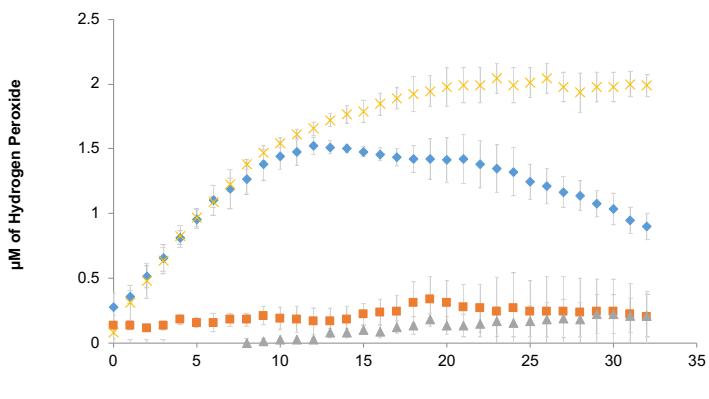
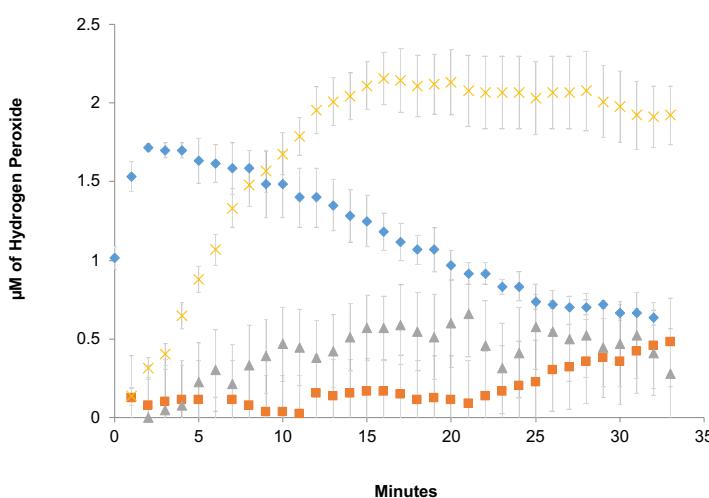
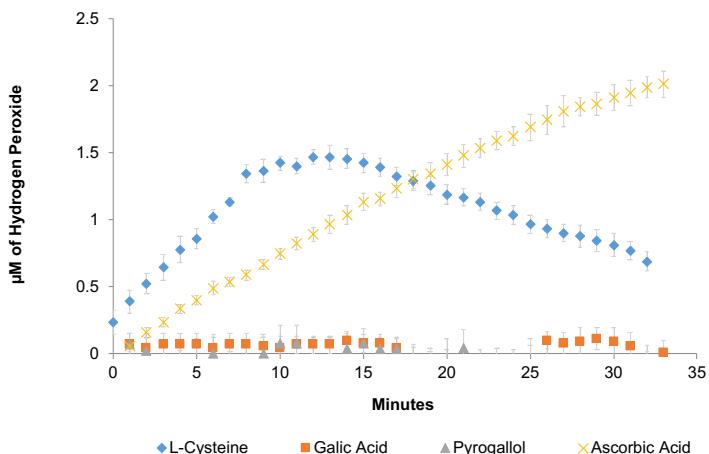
C.



D.



# Figure 4

**A.****B.****C.**

◆ L-Cysteine   ■ Galic Acid   ▲ Pyrogallol   ✕ Ascorbic Acid

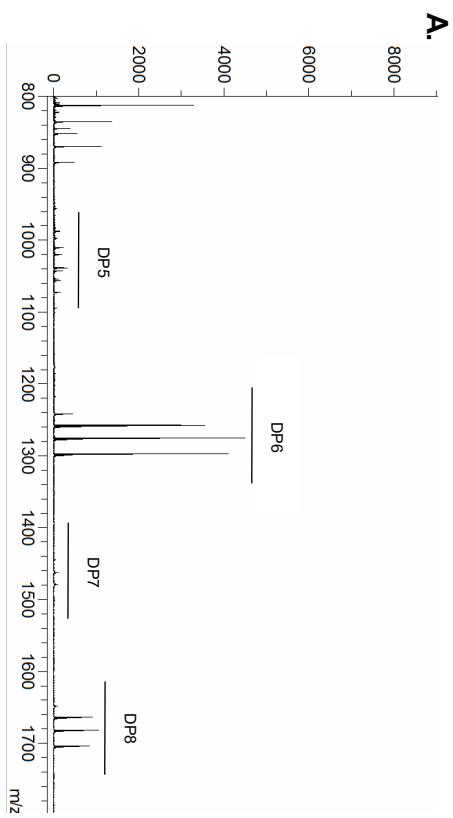
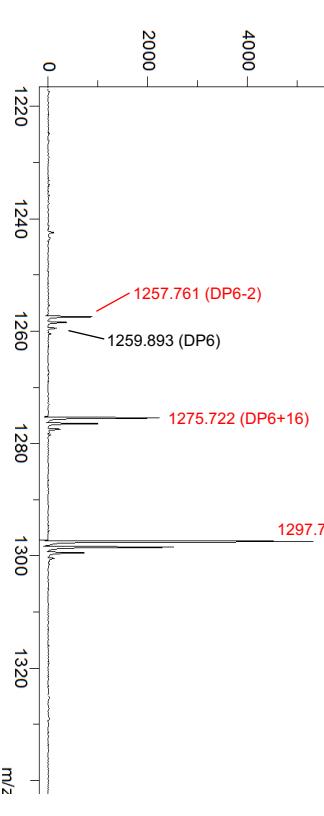
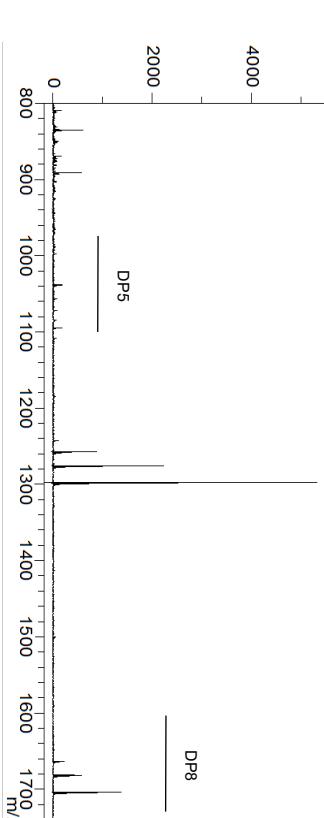
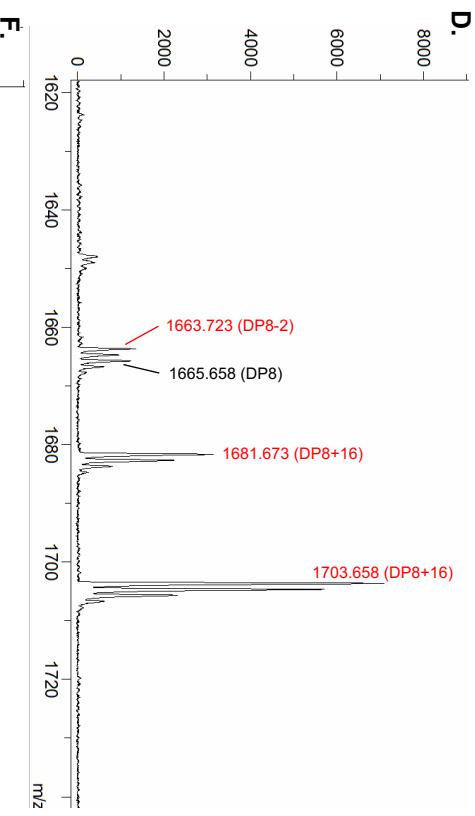
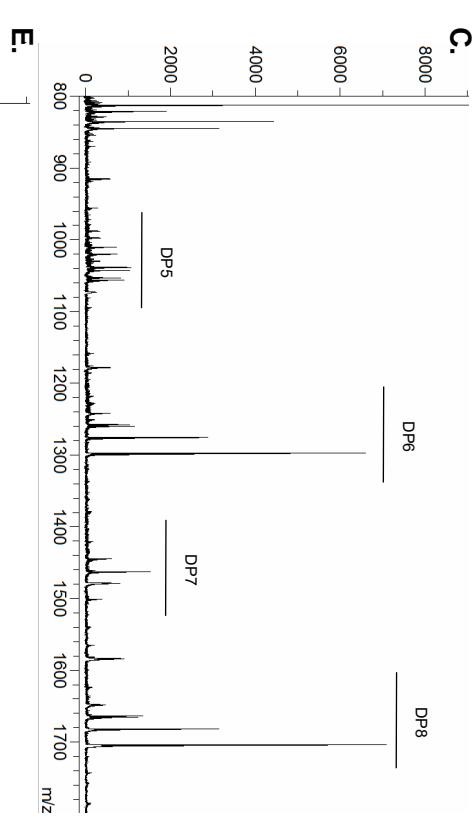
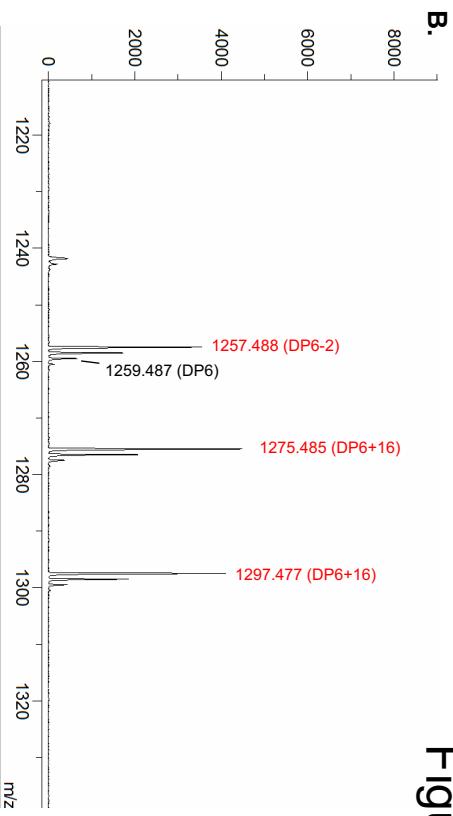
**A.****B.****Figure 5**

Figure S5

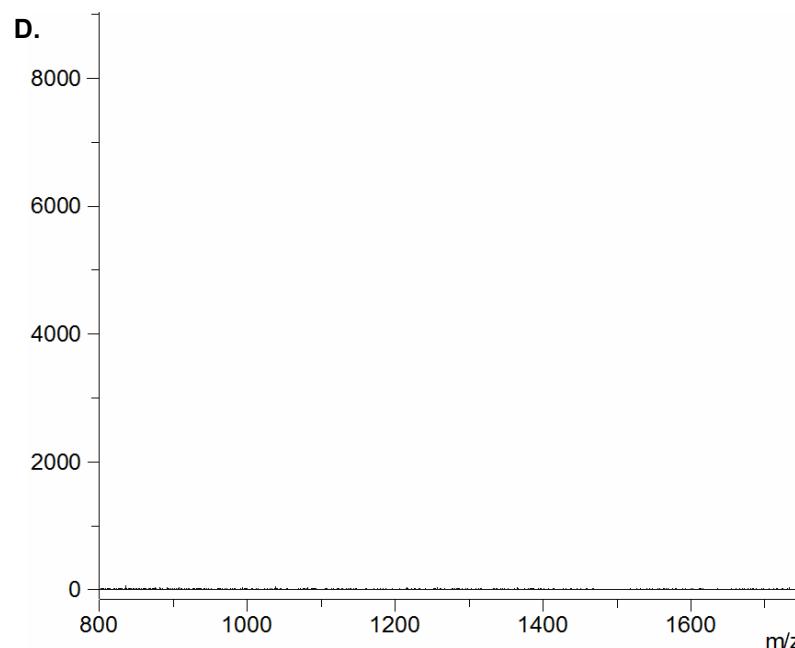
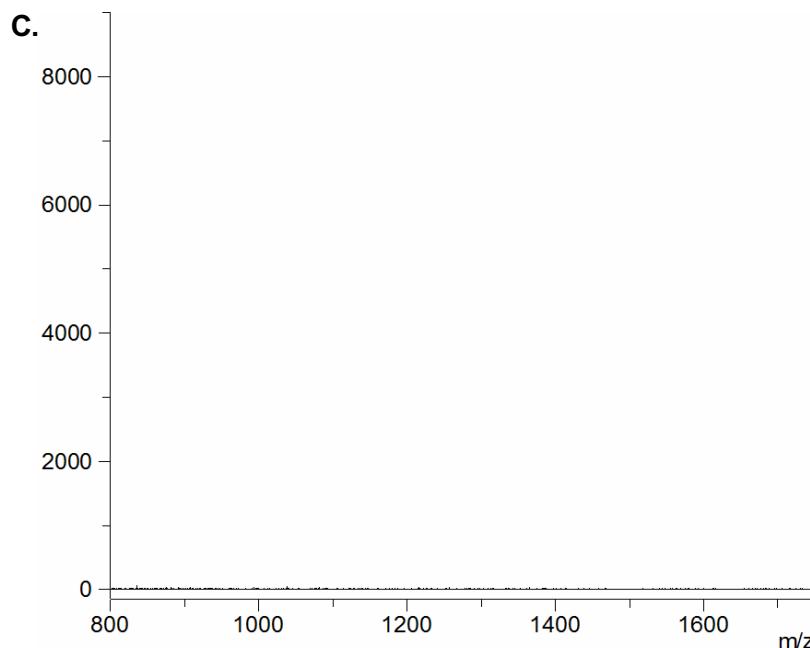
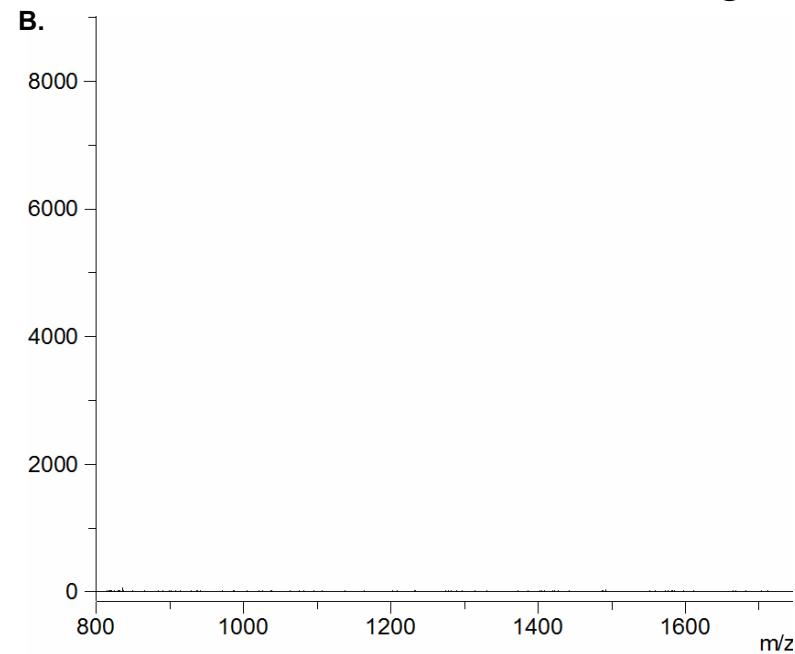
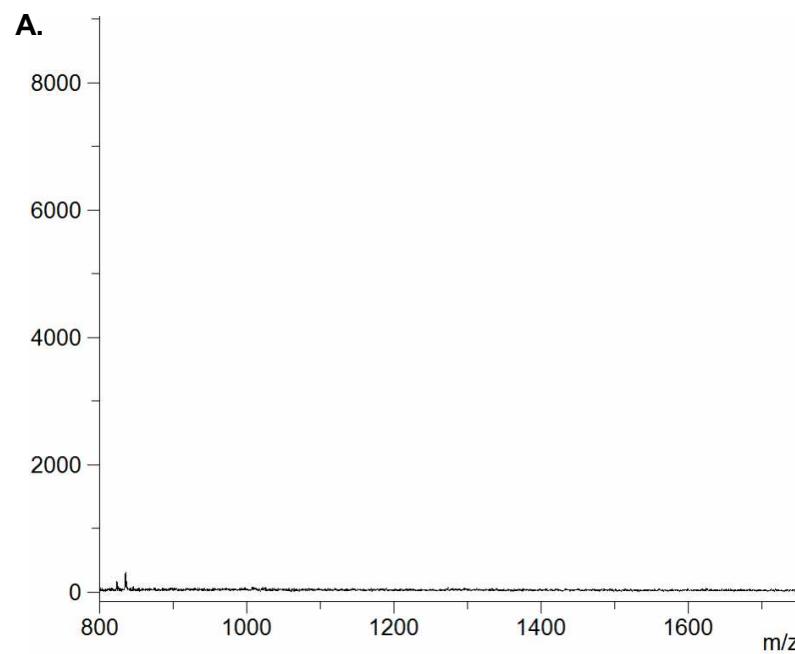
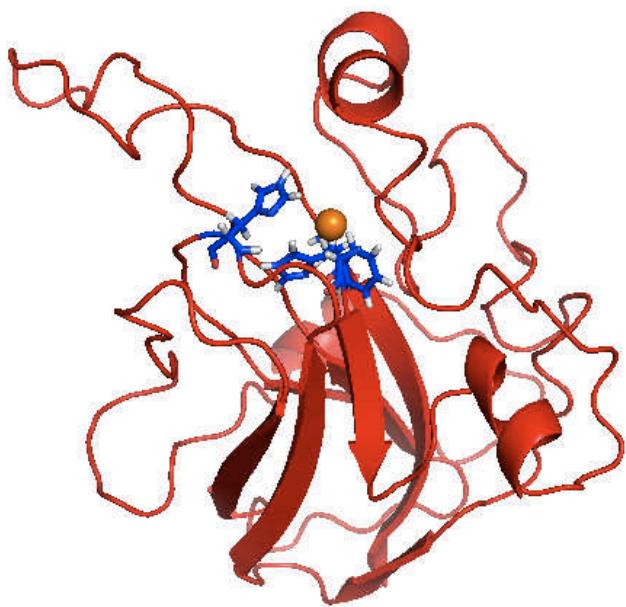


Figure S6

A.



B.

