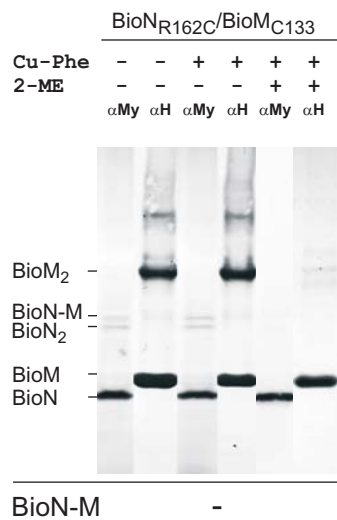
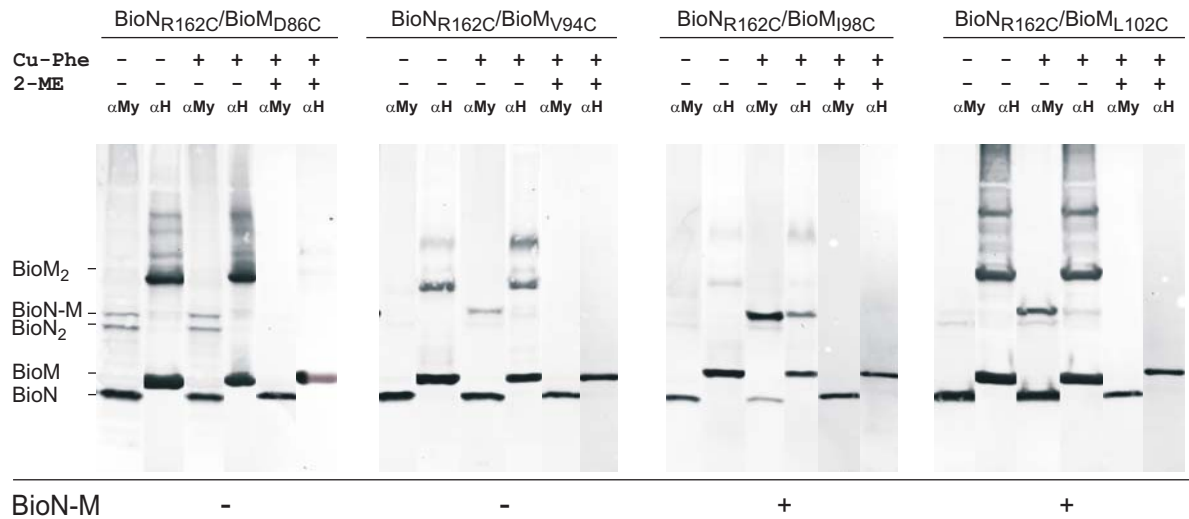
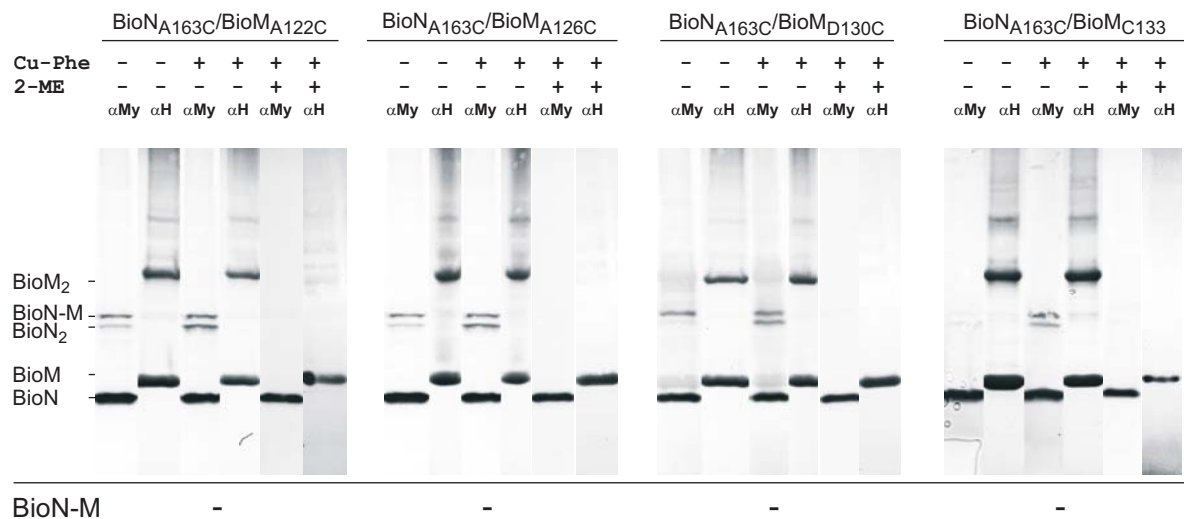
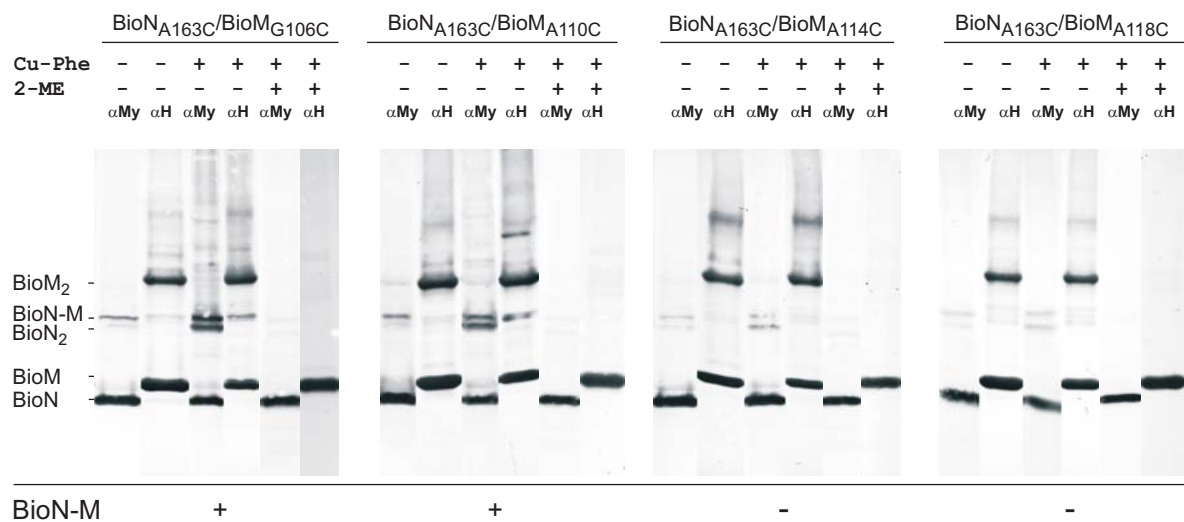
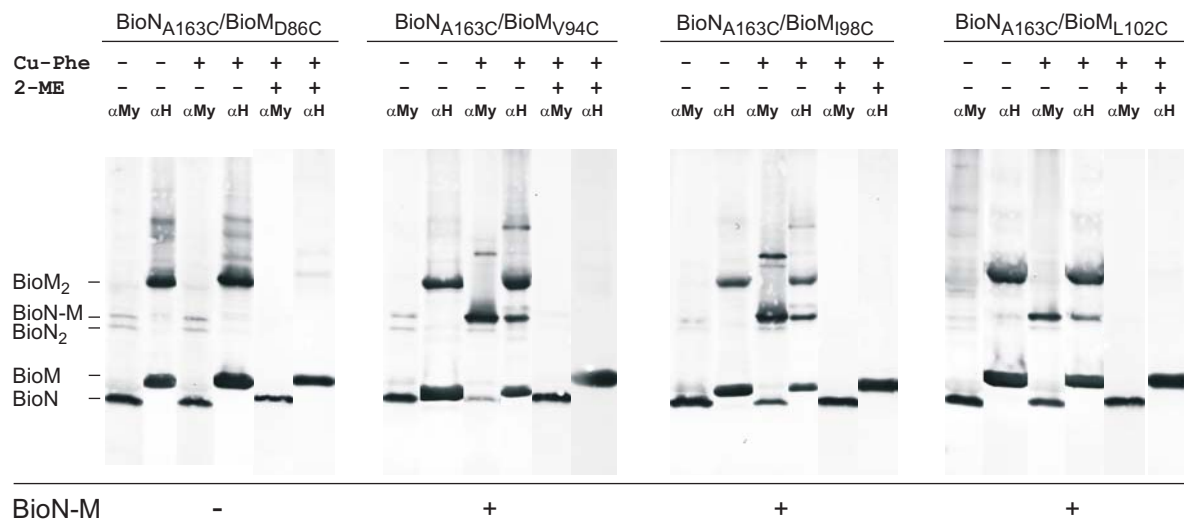


Figure S5. Crosslinking of BioMNY with mono-Cys BioN plus mono-Cys BioM in isolated membranes. Membranes were treated with Cu-phenanthroline (*Cu-Phe*) and 2-mercaptoethanol (*2-ME*) as indicated and subsequently solubilized with SDS-containing sample buffer. Proteins were blotted onto nitrocellulose membranes, and the membranes were treated with anti-oligo-His (αH) or anti-c-Myc (αMy) antibodies. The *plus* and *minus* below the line at the bottom of each panel refer to the occurrence of strong signals for the BioN-BioM pair upon addition of Cu-Phe.

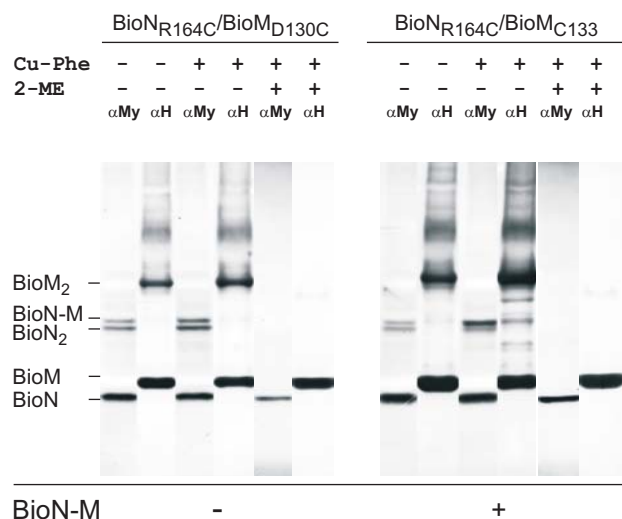
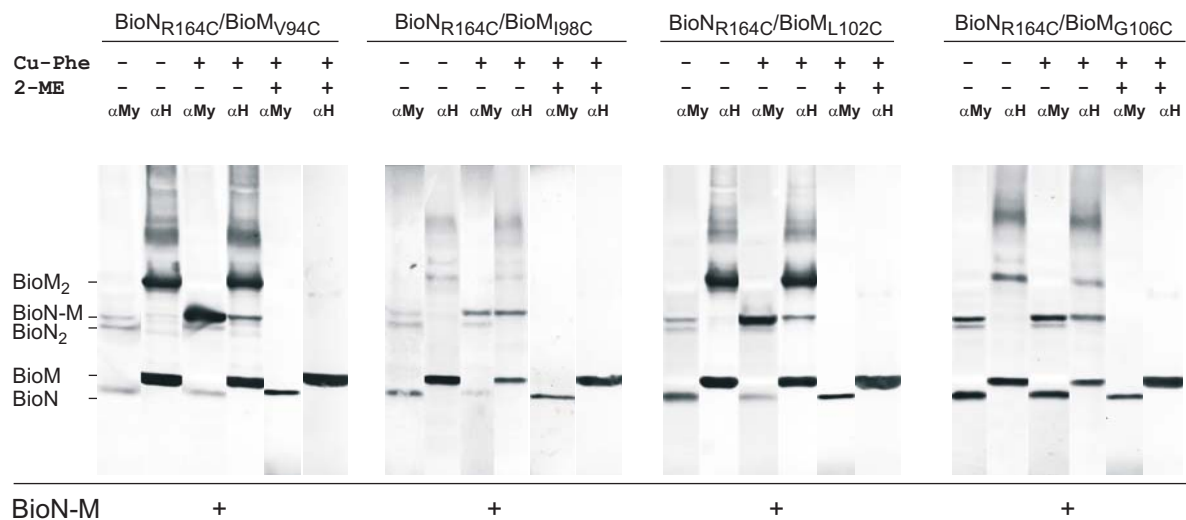
BioN_{R162C}/BioM_X



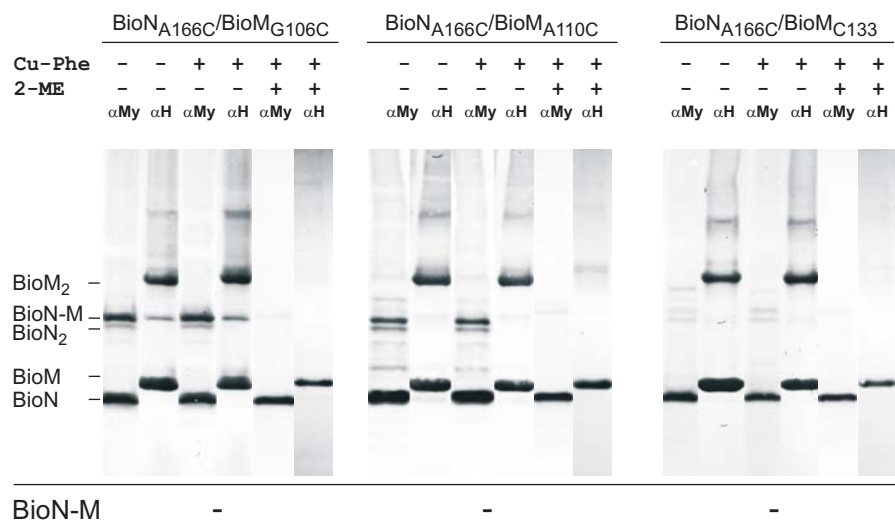
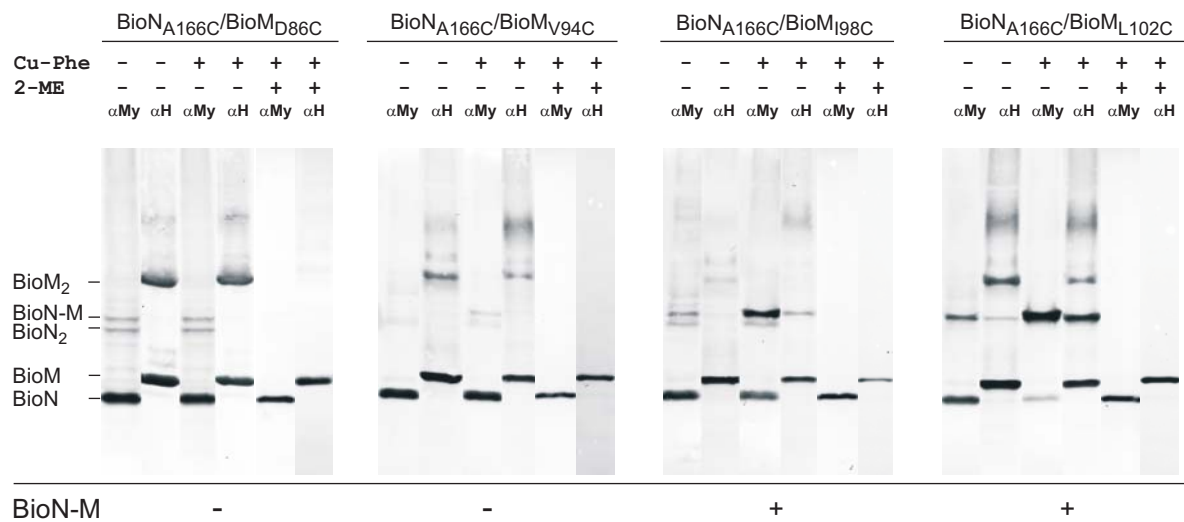
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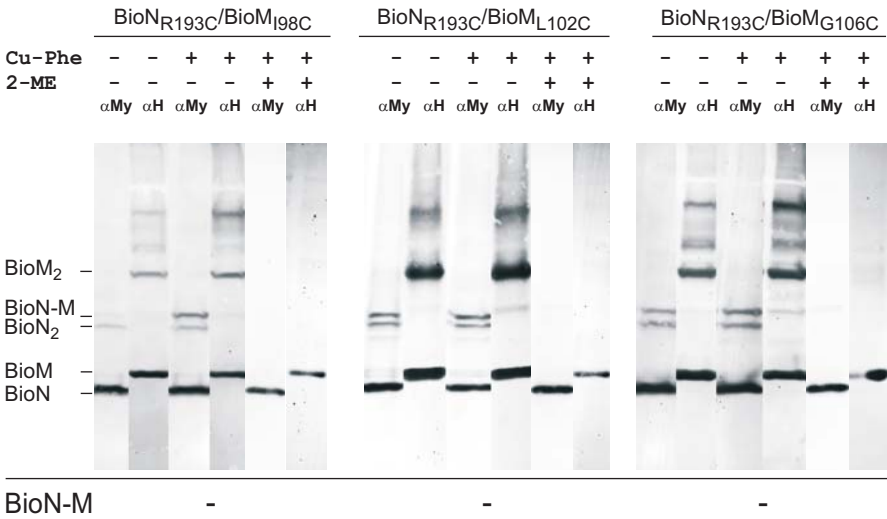
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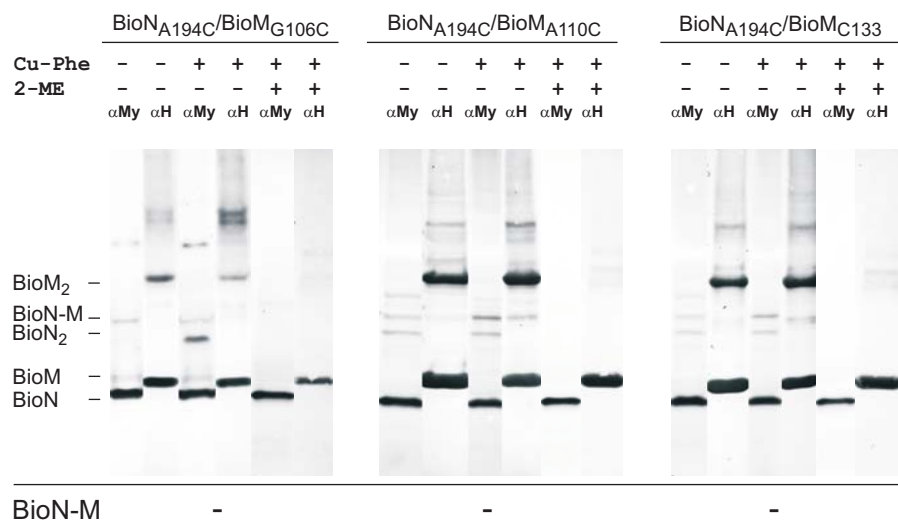
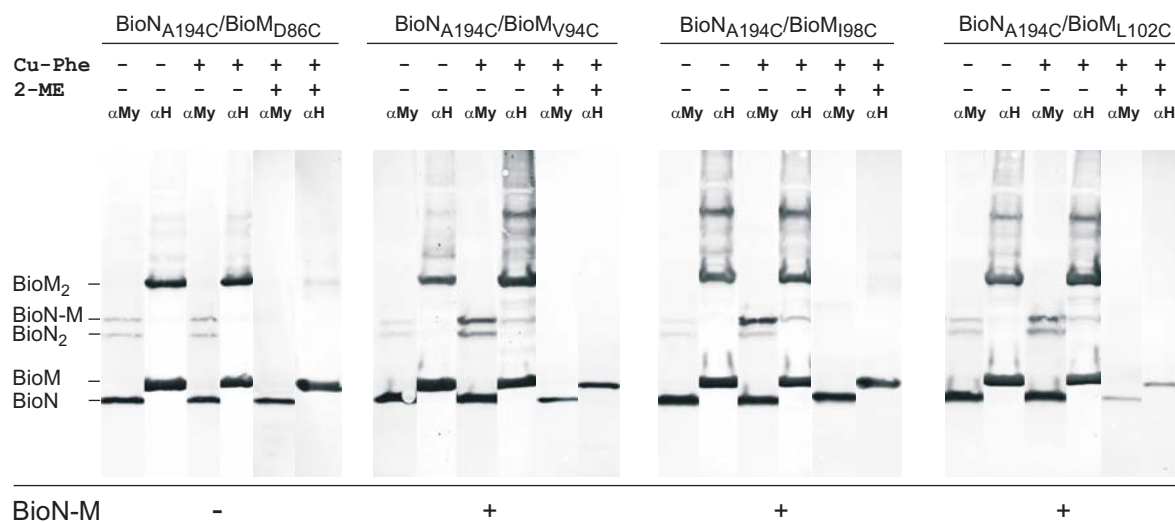
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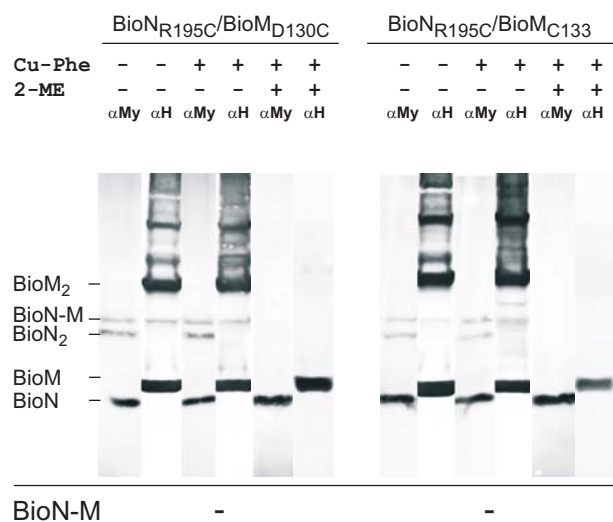
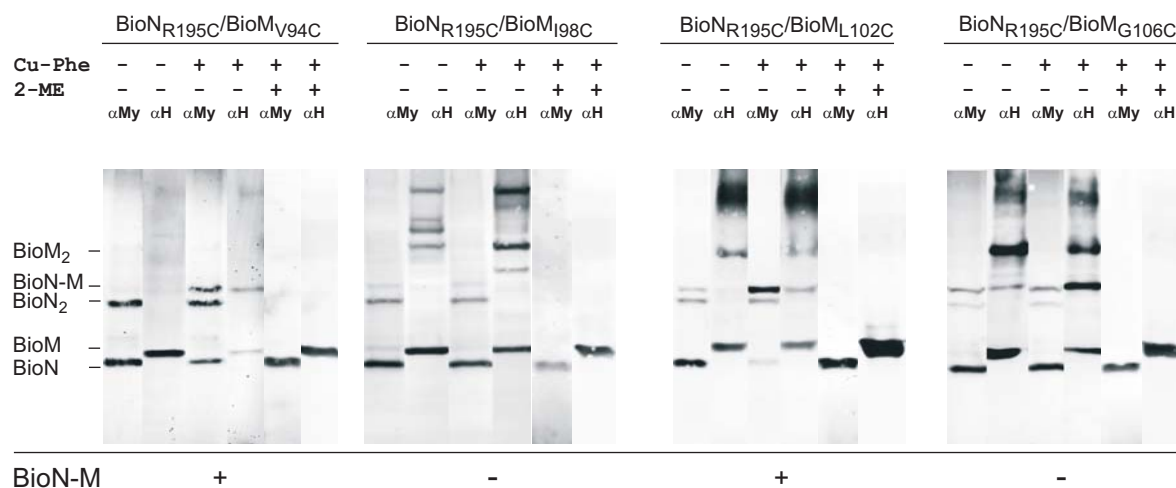
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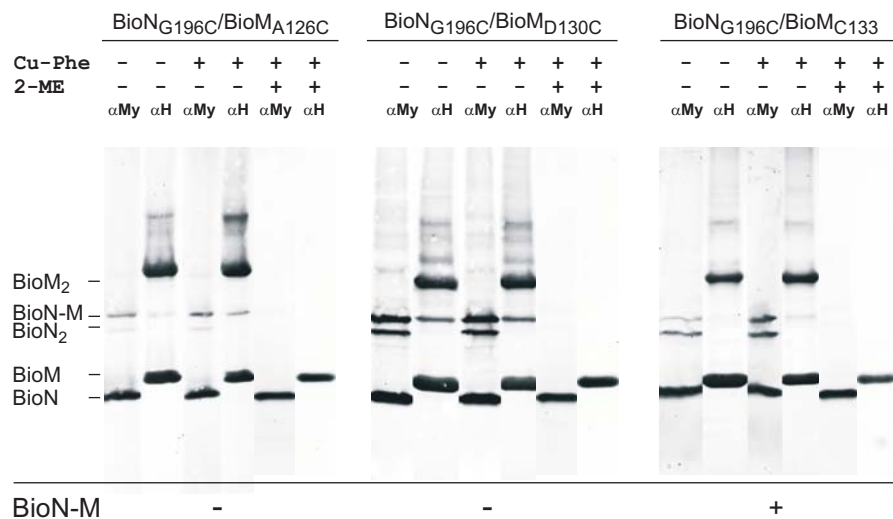
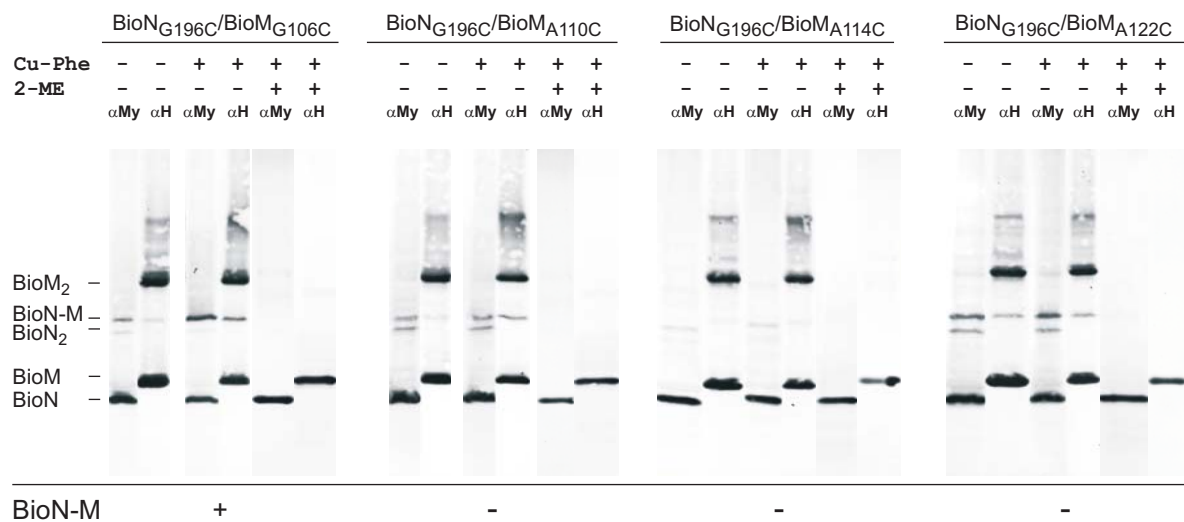
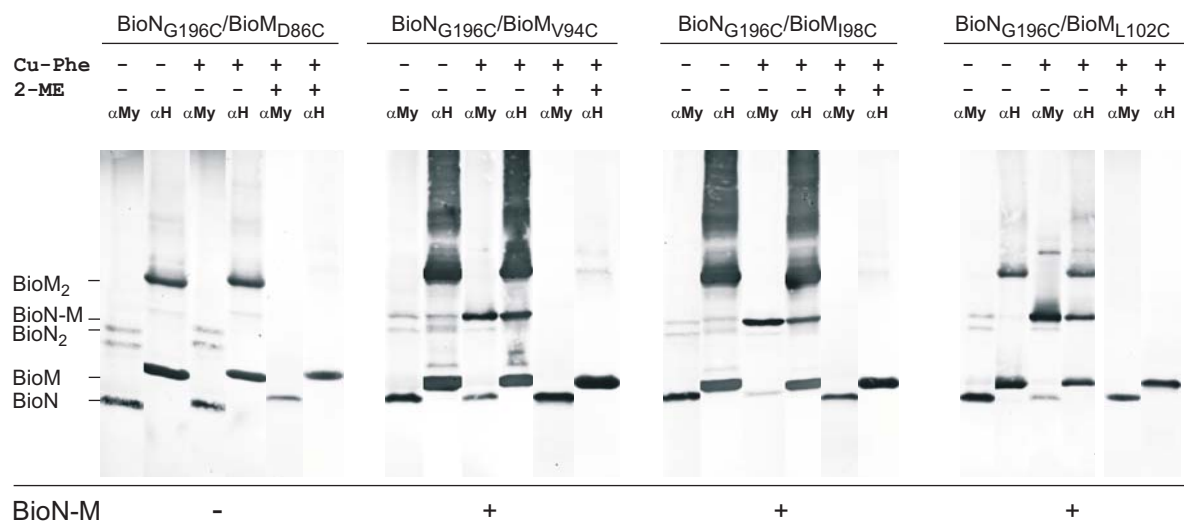
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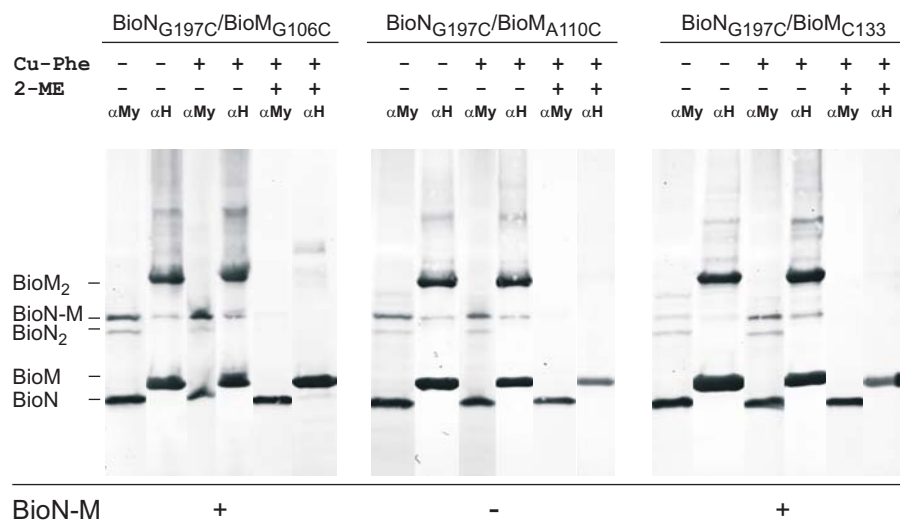
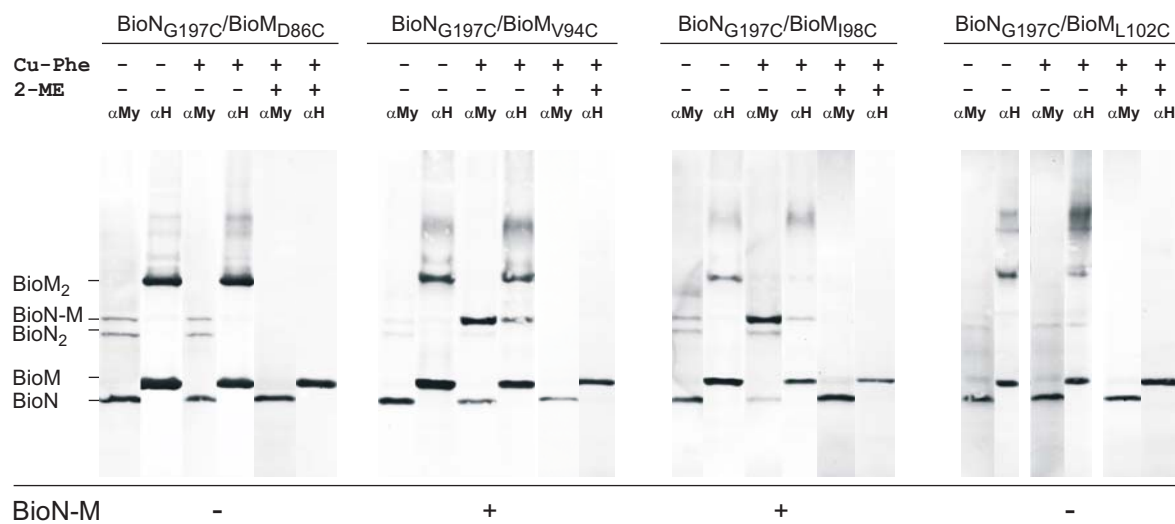
BioN_{R195C}/BioM_X



BioN_{G196C}/BioM_X



BioN_{G197C}/BioM_X



BioN_{C8}/BioM_X

