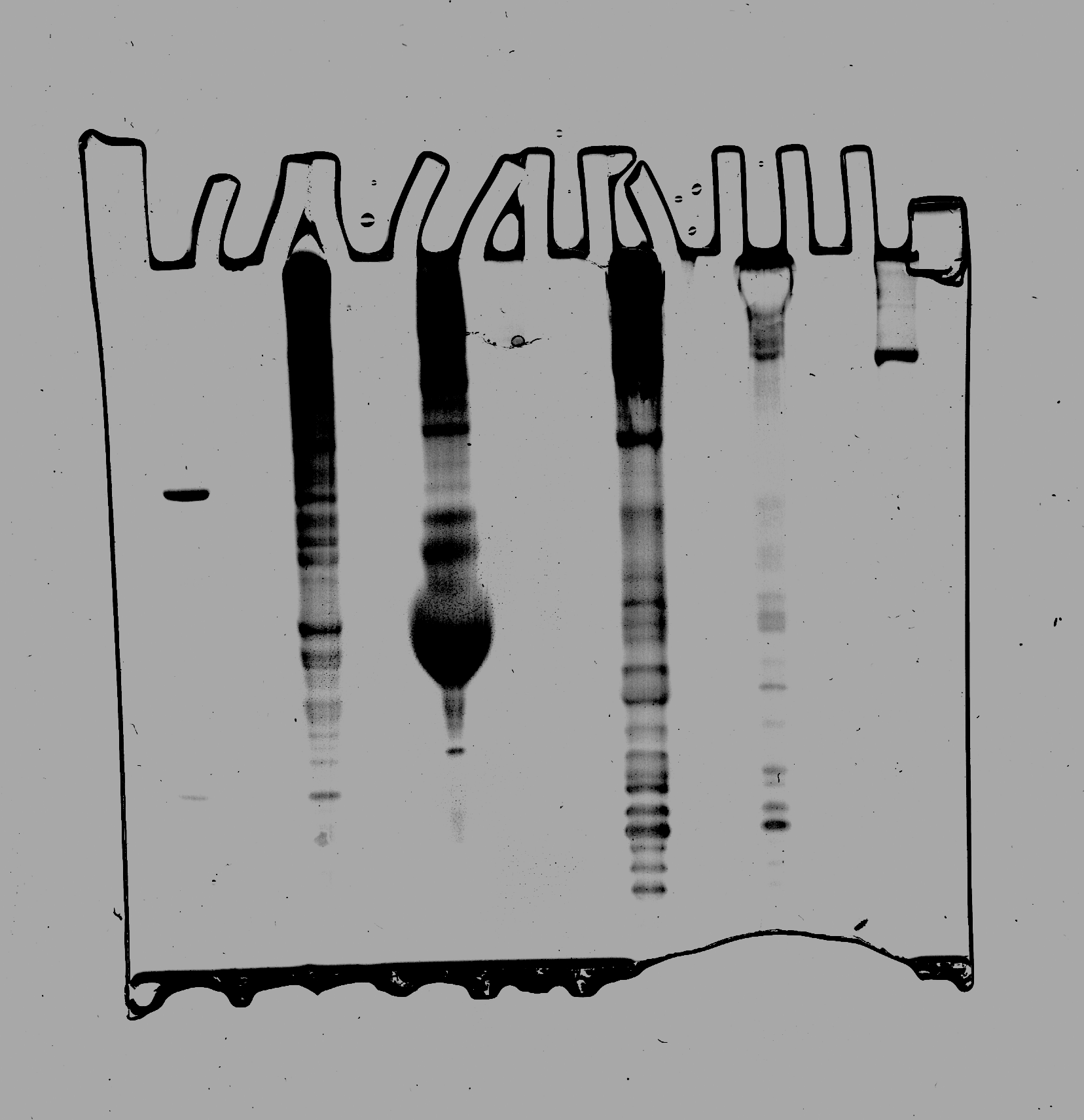
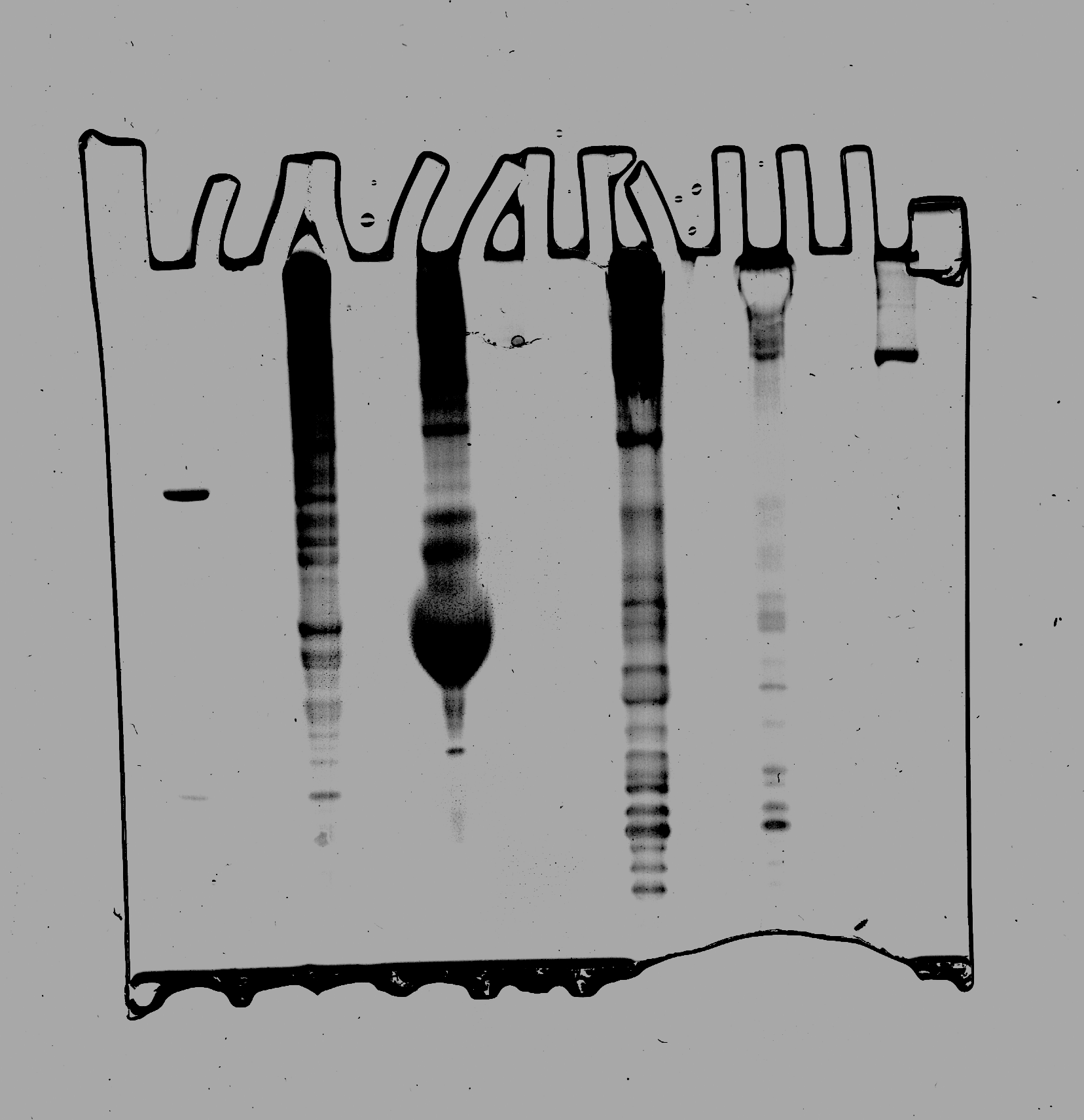
**Supplemental Figure S1**

Protein extracts fractionated on a 4-12% NuPAGE gels, revealed by SafeStain Coomassie Blue. Band numbering identifies the source of ions submitted to mass spectrometric analysis confirming the existence of proteins listed in Supplemental Files 2 and 3. AM, anterior midgut; PM, posterior midgut and RE, rectum.

Soluble proteins

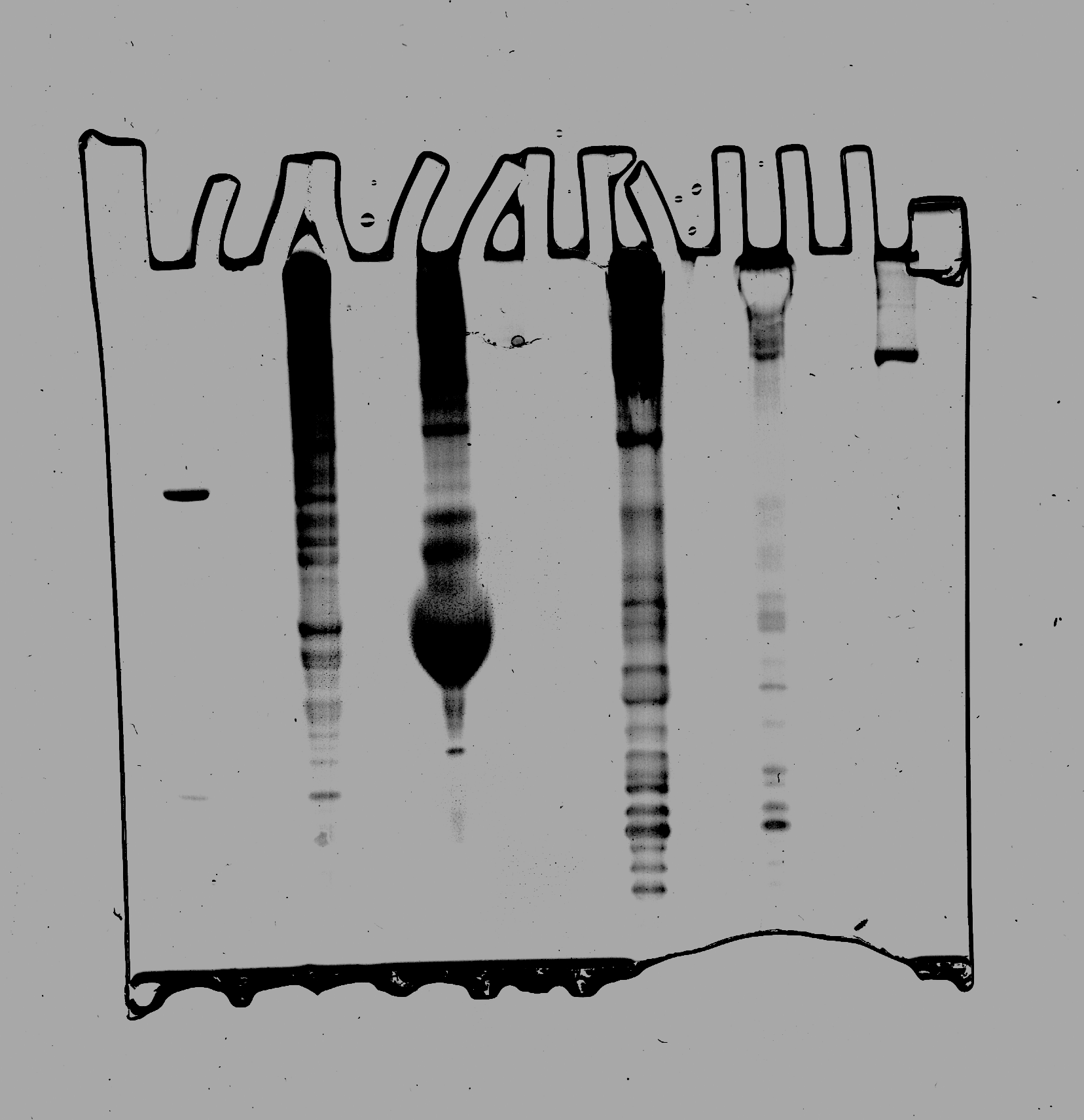
Membrane proteins



**AM**

**PM**

**RE**



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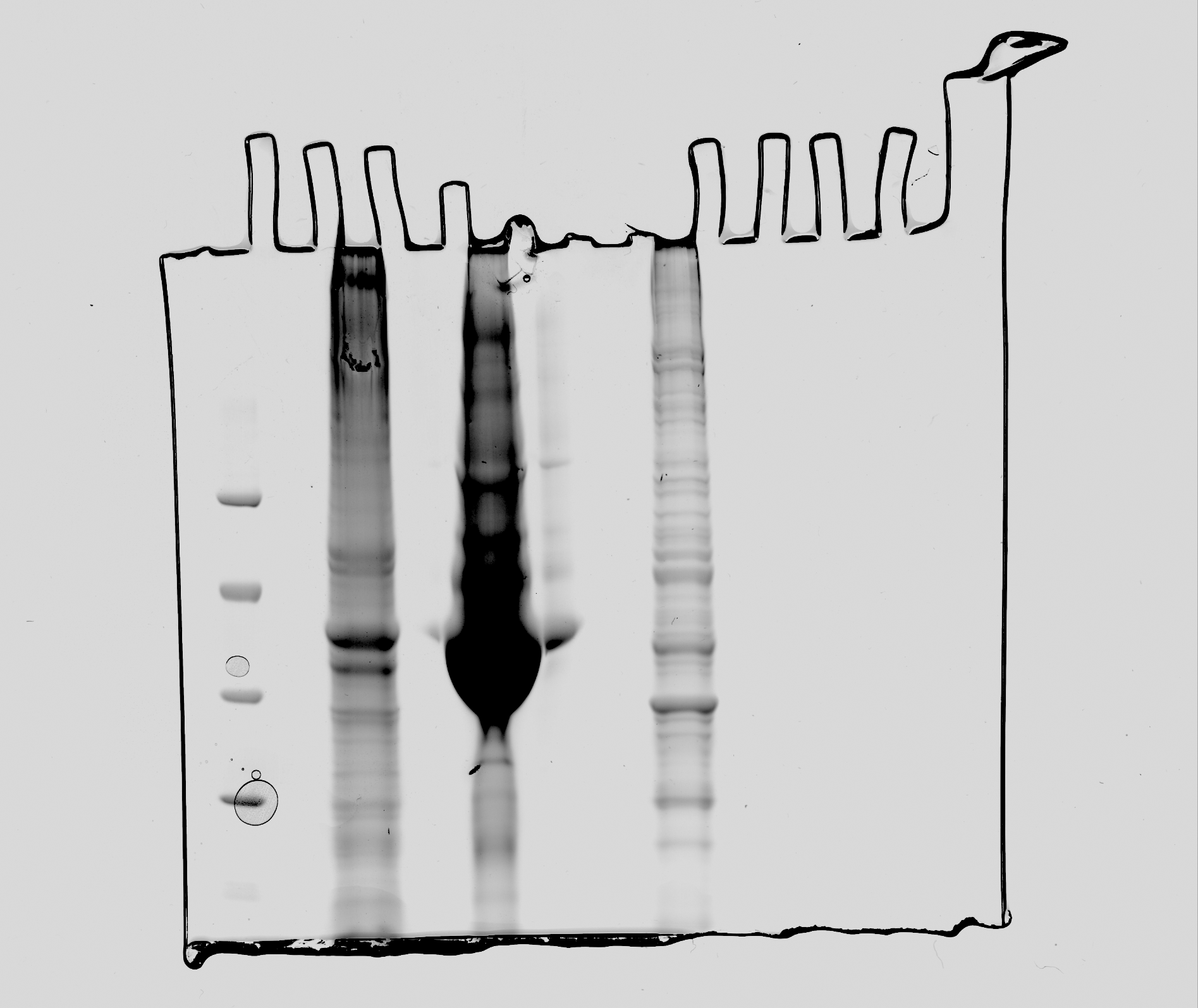
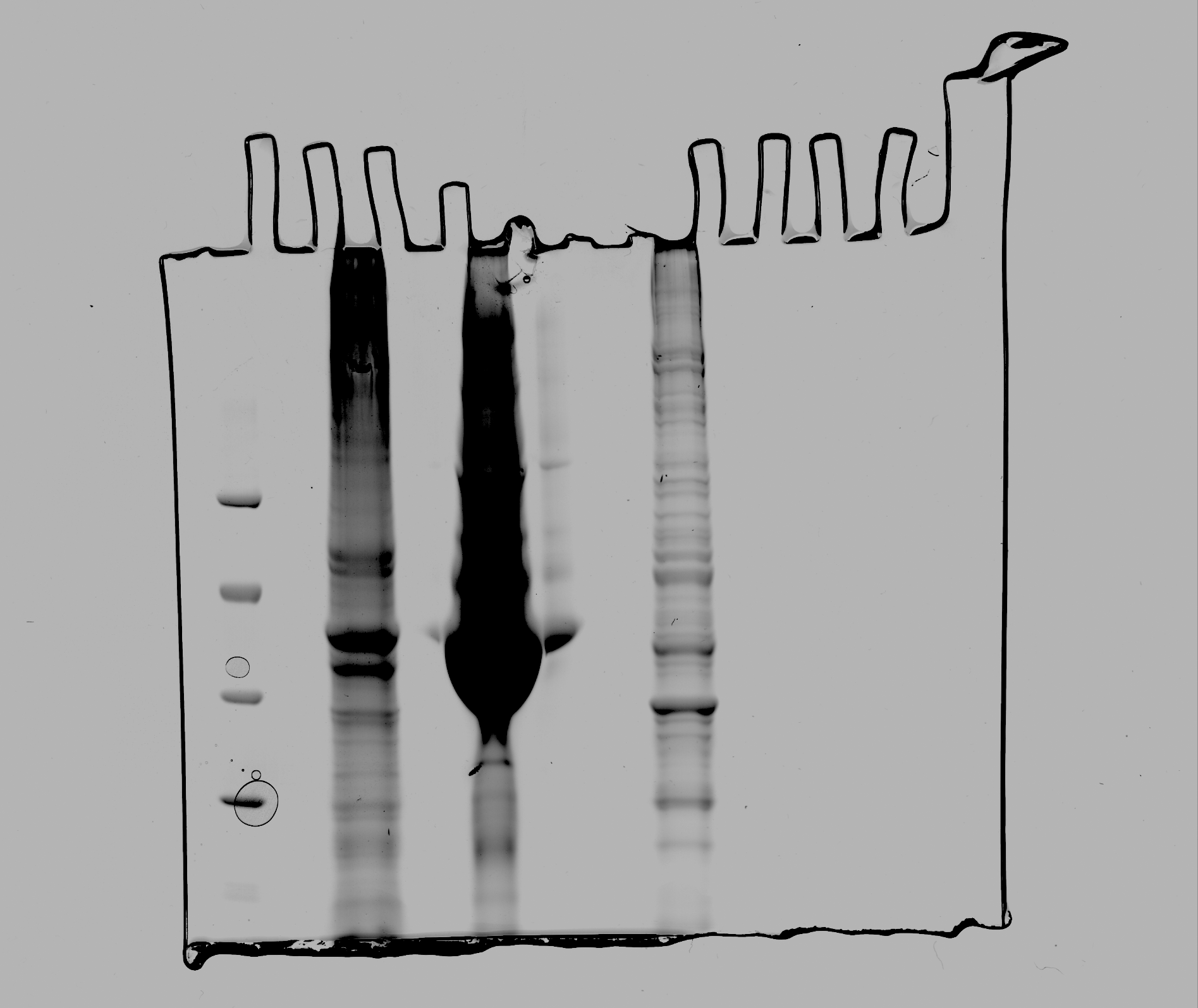
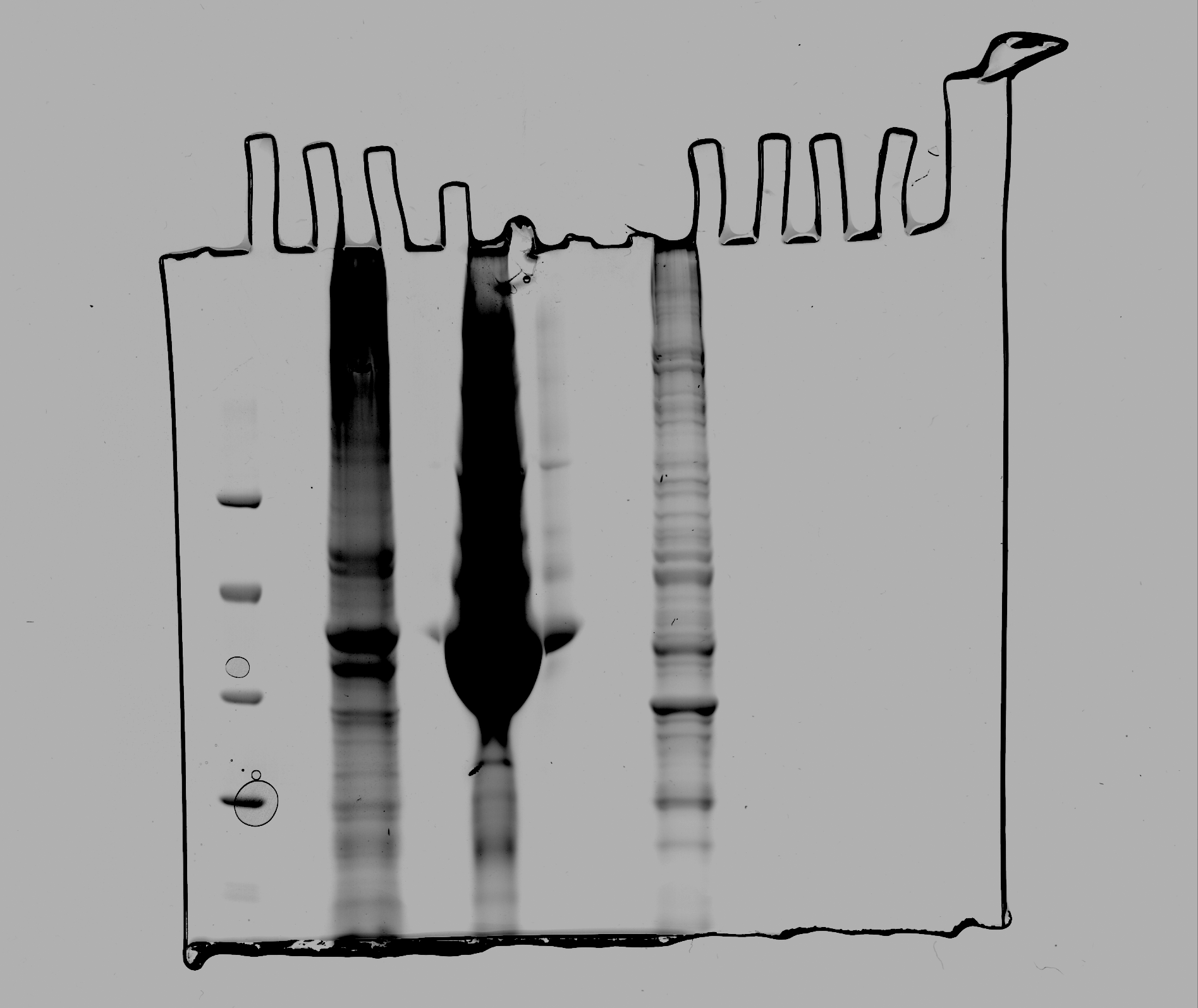
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**AM**

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