

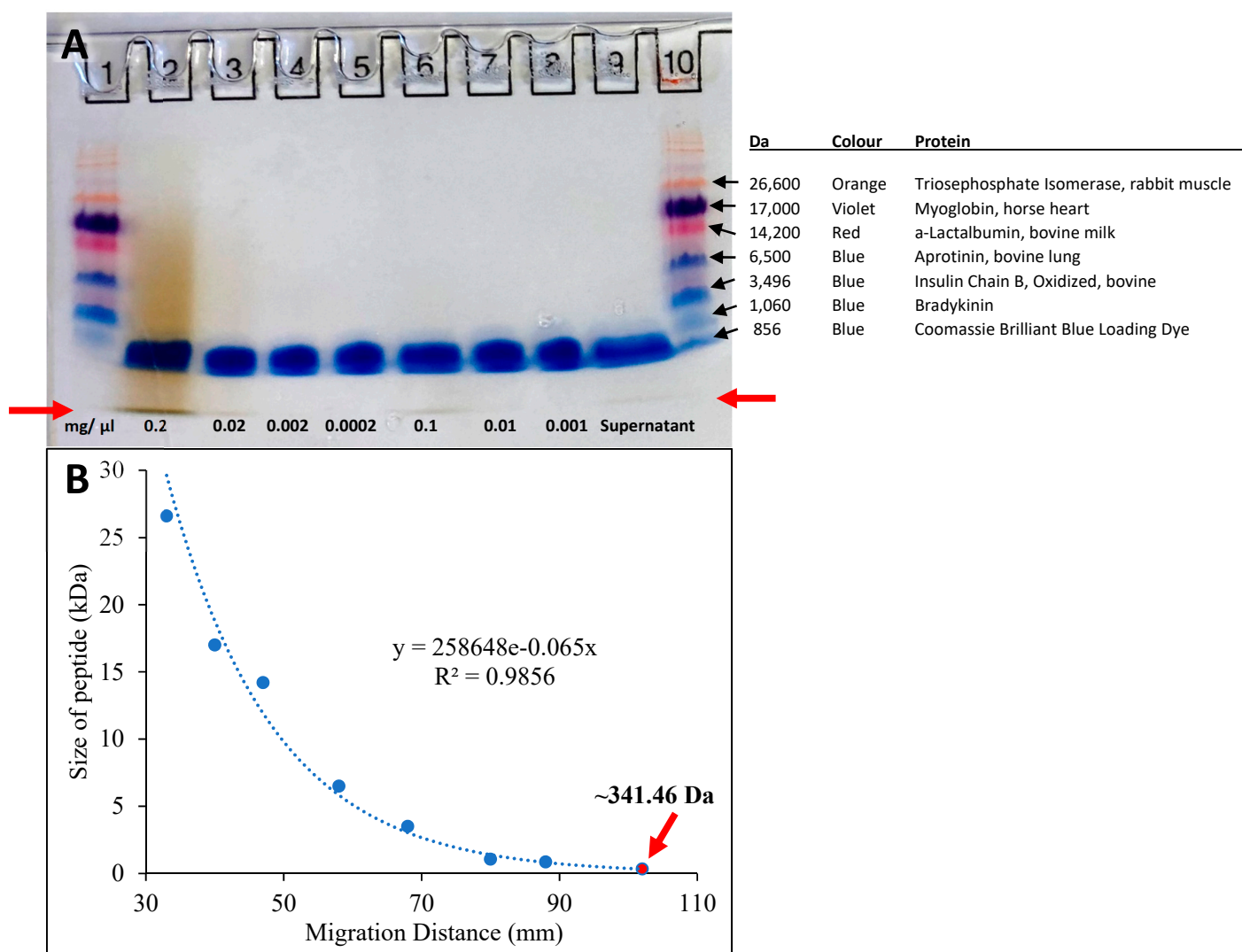


Figure S1. Approximation of siderophore size. (A) Sample and standard ladder run on tris-tricine gel had migration distances measured, noting size of each known protein. (B) Standard curve of migration distance compared to known sizes used to calculate brown pigment weight of **~341.46 Da**.

Table S1. Siderophores examples listed from largest to smallest.

Siderophore	Size (Da)	Species that produces	Phylum
Pyoverdine	1365.4	<i>Pseudomonadaceae</i>	γ -Proteobacteria
Alterobactin B	945.9	<i>Pseudoalteromonas luteoviolacea</i>	γ -Proteobacteria
Alterobactin A	927.9	<i>Pseudoalteromonas luteoviolacea</i>	γ -Proteobacteria
Ferrichrome	740.5	<i>Aspergillus, Ustilago, and Penicillium</i>	(Fungi)
Enterobactin	669.6	<i>E. coli and Salmonella typhimurium</i>	γ -Proteobacteria
Acinetobactin	346.4	<i>Acinetobacter baumannii</i>	γ -Proteobacteria
Rhodotorulic acid	344.4	<i>Rhodotorula pilimanae</i>	(Yeast)