S1 Table. TM value of ArdC in different solutions.

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| Condition | **Tm (°C) a** |
| - | 56 |
| 1 mM EDTA | 55 |
| 1 mM NiCl2 | 62 |
| 1 mM CaCl2 | 55 |
| 1 mM MgCl2 | 55 |
| 1 mM MnCl2 | 60 |
| 1 mM ZnCl2 | 56 |
| 1 mM CuCl2 | 59 |
| 1 mM CoCl2 | 69 |
| 1 mM FeCl3 | 55 |

a TM values are for protein in 100 mM Tris-HCl pH 7.5, 500 mM NaCl alone or plus 1 mM EDTA or 1 mM metals. TM was calculated by fluorescence measurements using SYPRO® Orange dye.