

Table S2. T_{\max} ($^{\circ}\text{C}$) and denaturation enthalpy ΔH (J/g) corresponding to DSC thermograms of control adductor muscle of scallop (AMS) and 90-day frozen stored AMS with different treatments.

	$T_{\max 1}$ ($^{\circ}\text{C}$)	$T_{\max 2}$ ($^{\circ}\text{C}$)	ΔH_1 (J/g)	ΔH_2 (J/g)
Control	48.19 ± 0.04^a	72.26 ± 0.10^a	0.84 ± 0.01^a	0.45 ± 0.02^a
AF	45.83 ± 0.08^d	69.07 ± 0.07^d	0.53 ± 0.02^{de}	0.35 ± 0.02^b
IF	46.16 ± 0.07^{cd}	68.22 ± 0.09^e	0.58 ± 0.03^{bcd}	0.37 ± 0.03^b
UIF-100	47.16 ± 0.14^b	67.10 ± 0.12^f	0.62 ± 0.02^b	0.34 ± 0.01^b
UIF-125	46.23 ± 0.06^c	70.19 ± 0.04^c	0.57 ± 0.04^{bcd}	0.38 ± 0.01^{ab}
UIF-150	46.32 ± 0.11^{bc}	71.05 ± 0.06^b	0.63 ± 0.02^b	0.39 ± 0.04^{ab}
UIF-175	45.81 ± 0.13^d	70.25 ± 0.07^c	0.55 ± 0.02^{de}	0.36 ± 0.03^b
UIF-200	46.19 ± 0.08^c	67.29 ± 0.08^f	0.60 ± 0.02^{bc}	0.35 ± 0.02^b

Data are expressed as mean \pm standard deviation, mean values in a column with different letters (a–f) are significantly different.