

Table S3. Comprehensive score of control adductor muscle of scallop (AMS) and 90-day frozen stored AMS with different treatments.

Variables	PC1 (59.52%)	PC2 (28.82%)
ΔH_1	0.973	-0.032
α -helix	0.928	-0.364
$T_{\max 1}$	0.923	0.17
Thawing loss	-0.923	0.323
TVB-N	-0.921	0.385
Random coil	-0.878	0.165
Hardness	0.873	-0.441
Chewiness	0.868	-0.271
ΔH_2	0.824	-0.553
TBARS	-0.824	0.175
Springiness	0.819	-0.519
MHC	-0.262	0.911
Actin	-0.261	0.891
$T_{\max 2}$	0.526	-0.811
β -turn	-0.581	0.761
β -sheet	-0.314	-0.659