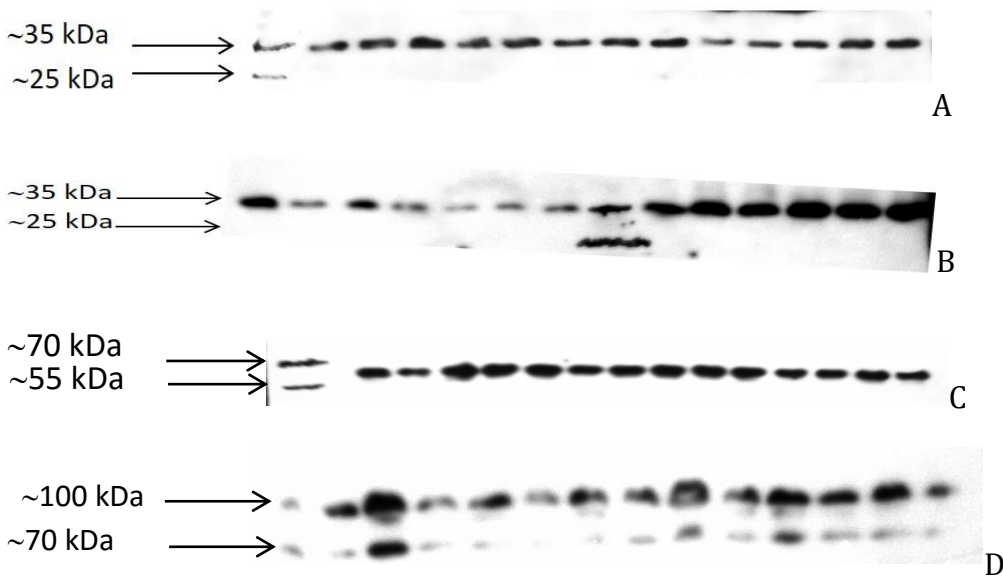
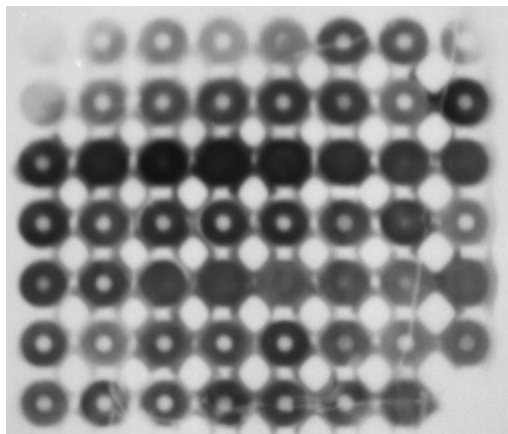


Supplementary information to the manuscript “LONG-TERM ACCLIMATION TO DIFFERENT THERMAL REGIMES AFFECTS MOLECULAR RESPONSES TO HEAT STRESS IN A FRESHWATER CLAM *CORBICULA FLUMINEA*” by Halina I. Falfushynska, Tuan Phan, and Inna M. Sokolova

Supplementary Figure 1. Representative images of Western Blot (A-D) and dot-blot (E) analyses of tissue extracts from *C. fluminea* using eiF2 α (A), p-eiF2 α (B), AMPK α (C), HIF-1 α (D), and ubiquitin (E) antibodies. The first lane on images A-D represents a molecular weight marker. Western blot for HIF-1 α (D) yielded two bands corresponding to the intact HIF-1 α (~100 kDa) and its degradation products (the lower band of ~70 kDa); only the upper band was quantified.



E



	p=.015	p=.101	p=.036	p=.055	p=.083	p=.056	p=.001	p=.726	p=.106	p=.120	p=.001	p=.120	p=.642	p=.010	p=.254	p=.111	p=.556	p=.016	p=---	p=.001	p=.460	p=.020	p=.669	p=.000	p=.026	p=.249	p=.033	p=.533
PC	.2271	-.0653	.1280	.2733	-.1257	.1698	-.2636	-.1574	-.1782	-.2336	-.0925	-.2336	-.0033	-.1552	.4573	.4457	.3083	.6302	.3309	1.0000	.0544	-.3726	-.2512	.3711	.0582	.2177	.1624	.2518
	p=.030	p=.538	p=.227	p=.009	p=.235	p=.108	p=.012	p=.136	p=.091	p=.026	p=.383	p=.026	p=.975	p=.142	p=.000	p=.000	p=.003	p=.000	p=.001	p=---	p=.608	p=.000	p=.016	p=.000	p=.584	p=.038	p=.124	p=.016
eiF-2a	.3508	-.2244	-.3233	.1030	-.0020	-.0791	-.2124	.0946	-.3624	.1290	.0704	.1290	.3511	-.0340	.3448	.2740	.2165	.1688	.0785	.0544	1.0000	.5301	.3012	.1534	-.0023	-.0978	.1644	-.0583
	p=.001	p=.033	p=.002	p=.332	p=.985	p=.456	p=.043	p=.372	p=.000	p=.223	p=.507	p=.223	p=.001	p=.749	p=.001	p=.009	p=.039	p=.110	p=.460	p=.608	p=---	p=.000	p=.004	p=.147	p=.983	p=.357	p=.119	p=.583
AMPK	.1119	-.1766	-.2962	-.2551	.1422	-.1476	-.0274	-.0597	.0070	.1355	.0510	.1355	.0848	.1276	-.0117	-.0085	-.0199	-.2558	-.2438	-.3726	.5301	1.0000	.0592	-.1054	.0269	-.2143	.2080	-.1252
	p=.291	p=.094	p=.004	p=.015	p=.179	p=.163	p=.797	p=.574	p=.948	p=.200	p=.631	p=.200	p=.424	p=.228	p=.912	p=.937	p=.851	p=.014	p=.020	p=.000	p=.000	p=---	p=.578	p=.320	p=.800	p=.041	p=.048	p=.237
p-eiF2a	-.0559	-.0797	-.2300	.0546	.0347	-.0935	.0274	.0613	-.0488	.1003	.1448	.1003	.0836	.1313	-.1731	-.1619	-.1839	-.4187	-.0455	-.2512	.3012	.0592	1.0000	-.3433	-.3680	-.1876	-.0209	-.0912
	p=.598	p=.453	p=.028	p=.607	p=.744	p=.378	p=.796	p=.563	p=.646	p=.344	p=.171	p=.344	p=.431	p=.215	p=.101	p=.125	p=.081	p=.000	p=.669	p=.016	p=.004	p=.578	p=---	p=.001	p=.000	p=.075	p=.844	p=.390
HIF-1a	.3600	.2654	.3360	.3626	.0427	.2340	-.1179	.3210	-.0910	-.0027	-.0116	-.0027	.1974	-.1089	.5172	.4014	.4639	.5936	.4070	.3711	.1534	-.1054	-.3433	1.0000	.1098	.1655	.0544	.2859
	p=.000	p=.011	p=.001	p=.000	p=.688	p=.026	p=.266	p=.002	p=.391	p=.979	p=.913	p=.979	p=.061	p=.304	p=.000	p=.000	p=.000	p=.000	p=.000	p=.000	p=.147	p=.320	p=.001	p=---	p=.300	p=.117	p=.609	p=.006
Ubiquitin	.1815	-.1809	-.0473	-.0382	-.0130	-.1650	-.0026	.0322	-.1320	.0631	.0339	.0631	.2245	-.2666	.1019	.0579	.1908	.1822	-.2330	.0582	-.0023	.0269	-.3680	.1098	1.0000	.1434	.1247	.1125
	p=.085	p=.086	p=.656	p=.719	p=.903	p=.118	p=.980	p=.762	p=.212	p=.552	p=.750	p=.552	p=.032	p=.011	p=.337	p=.585	p=.070	p=.084	p=.026	p=.584	p=.983	p=.800	p=.000	p=.300	p=---	p=.175	p=.239	p=.289
PK	.0526	.0408	.1129	.1292	-.0642	.0740	-.0161	.0145	.0324	-.0855	-.0349	-.0855	-.0022	-.1285	.1330	.1441	.0930	.1792	.1220	.2177	-.0978	-.2143	-.1876	.1655	.1434	1.0000	.1677	.4047
	p=.621	p=.701	p=.287	p=.222	p=.545	p=.486	p=.879	p=.892	p=.760	p=.420	p=.743	p=.420	p=.984	p=.225	p=.209	p=.173	p=.381	p=.089	p=.249	p=.038	p=.357	p=.041	p=.075	p=.117	p=.175	p=---	p=.112	p=.000
PEPCK	.3733	-.1545	-.0638	.0499	-.0309	-.0092	-.0209	-.0327	.0306	.0150	.1289	.0150	-.0039	-.1143	.1341	.0822	.4542	.1937	-.2234	.1624	.1644	.2080	-.0209	.0544	.1247	.1677	1.0000	.4167
	p=.000	p=.144	p=.548	p=.639	p=.771	p=.931	p=.844	p=.758	p=.773	p=.888	p=.223	p=.888	p=.971	p=.281	p=.205	p=.438	p=.000	p=.066	p=.033	p=.124	p=.119	p=.048	p=.844	p=.609	p=.239	p=.112	p=---	p=.000
LDH	.2380	.0547	.1345	.0693	.0703	.2012	-.0070	.0548	.1160	-.0106	.0880	-.0106	-.0047	-.1827	.2366	.3045	.2772	.3034	.0661	.2518	-.0583	-.1252	-.0912	.2859	.1125	.4047	.4167	1.0000
	p=.023	p=.606	p=.204	p=.514	p=.508	p=.056	p=.947	p=.606	p=.274	p=.921	p=.407	p=.921	p=.964	p=.083	p=.024	p=.003	p=.008	p=.003	p=.533	p=.016	p=.583	p=.237	p=.390	p=.006	p=.289	p=.000	p=.000	p=---