

Glucose consumption and uptake in HepG2 cells is improved by aqueous extracts from leaves, but not rhizomes, of *Posidonia oceanica* (L.) Delile via GLUT-4 up-regulation

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Supplemental information

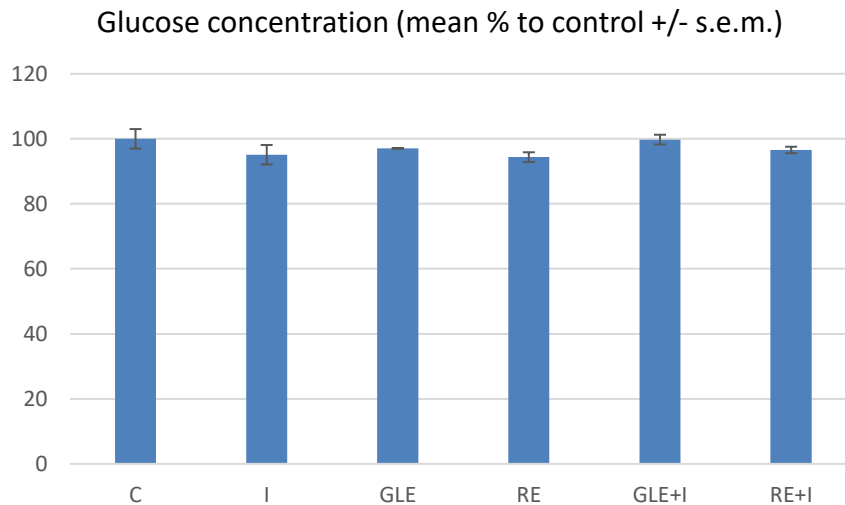
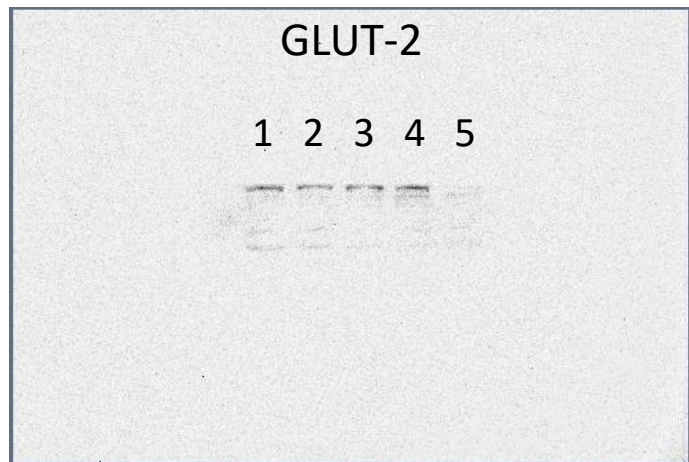
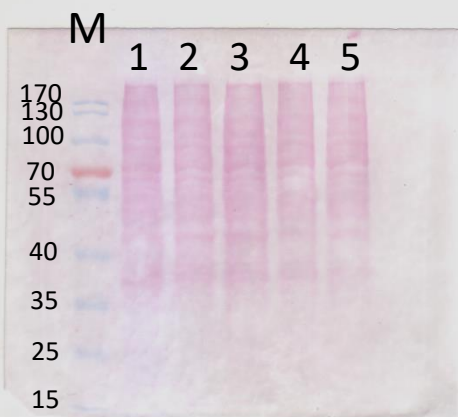


Figure S1: Bar graph showing the percentage concentration of glucose in the culture medium supplemented with 10^{-7} M insulin (I), 60 μ g GLE/mL (GLE), 2.2 μ g RE/mL (RE), 60 μ g GLE/mL + 10^{-7} M insulin (GLE + I) and 2.2 μ g RE/mL + 10^{-7} M insulin (RE + I) compared to control (C). No statistically significant difference can be observed ($p = 0,090$).

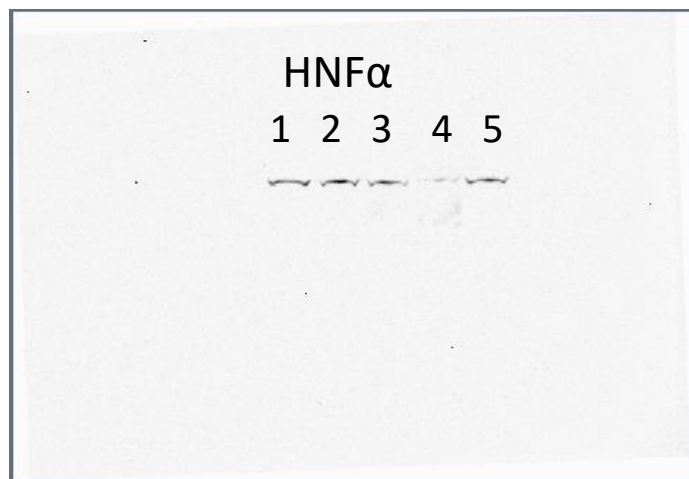
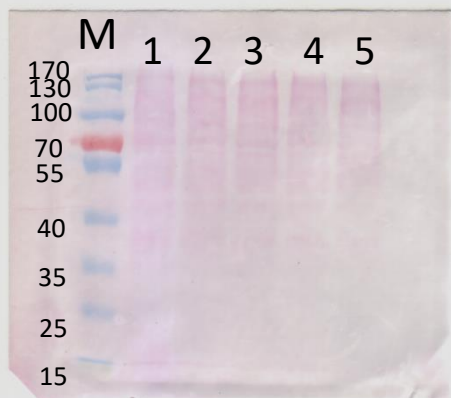
Table S1. Glucose content (mg/dl) in the different culture media evaluated in two triplicate assays

Experiment nr. 1					
C	I	GLE	RE	GLE + I	RE + I
224	185	184	223	190	188
211	187	196	219	191	188
210	188	184	223	190	190
Experiment nr. 2					
C	I	GLE	RE	GLE + I	RE + I
193	147	150	209	156	155
189	144	150	210	157	151
200	147	151	209	158	153

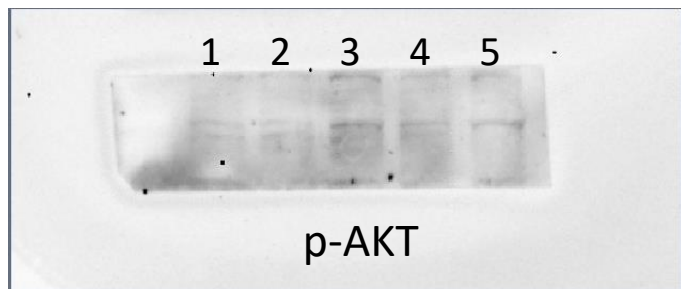
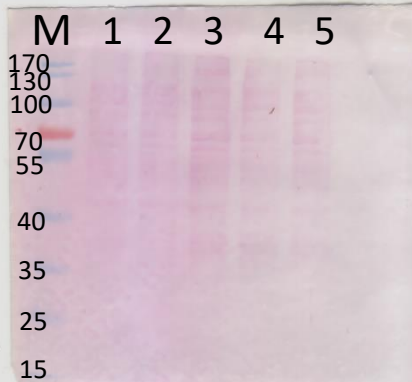
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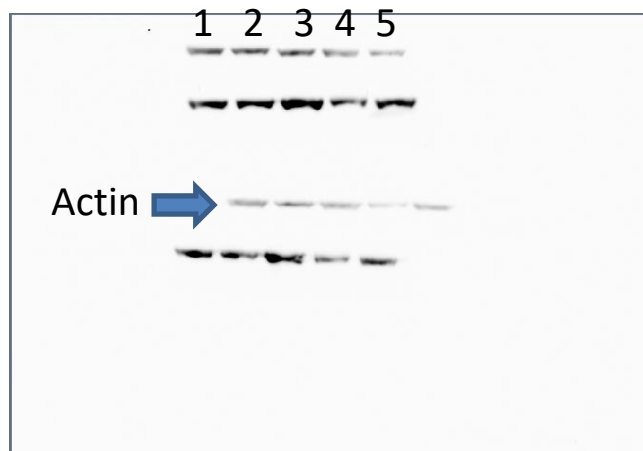
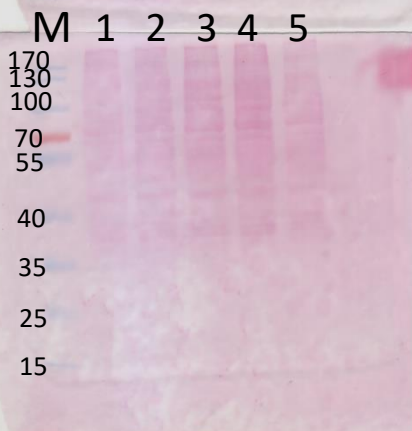
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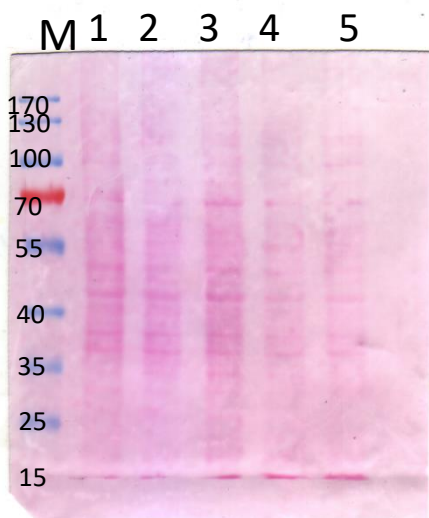
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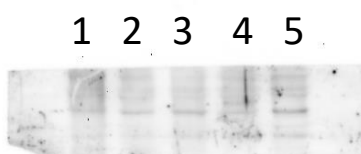
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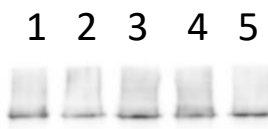
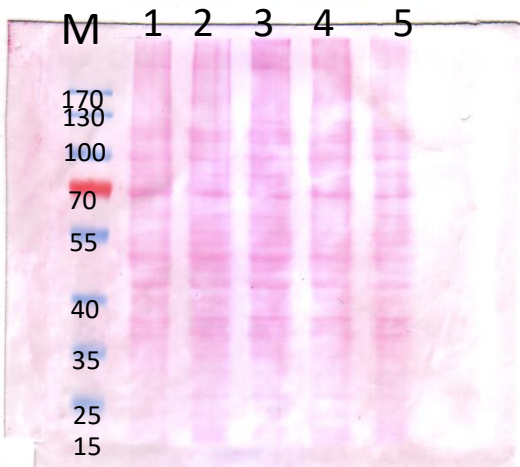
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GLUT-4

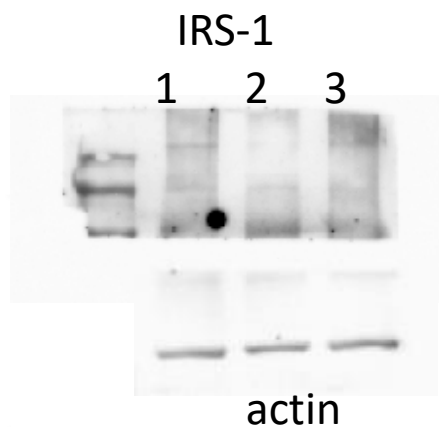
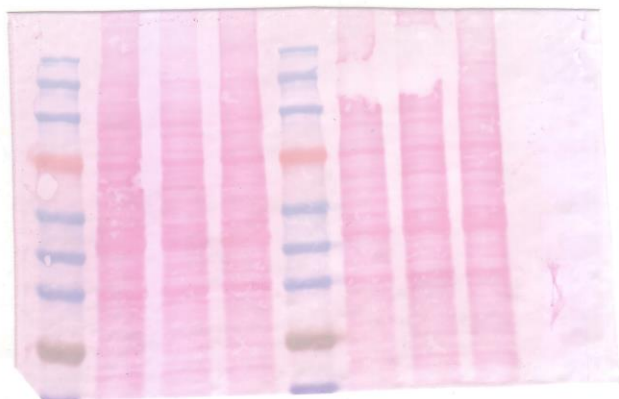


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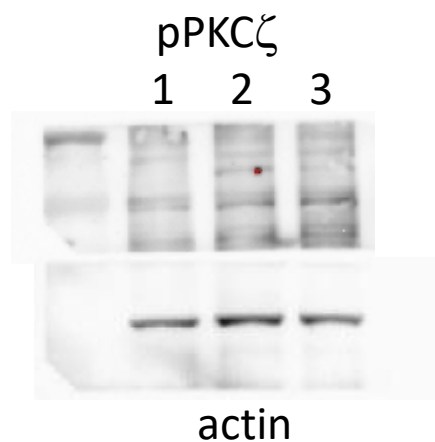
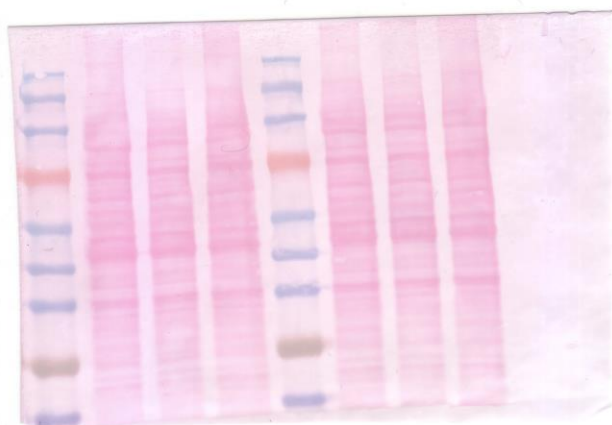


Figure S2: Left: Images of the whole protein blots stained with Ponceau S and showing the molecular weight marker. Right: Images of the corresponding immunoblots whose trimmed inserts have been used for the panel in fig. 4. For blots 1-6: Control = sample 1, insulin = sample 2, GLE = sample 5. For blots 7-8: Control = sample 1, insulin = sample 2, GLE = sample 3.