SUPPLEMENTARY DATA

Lysophosphatidic acid receptor activation affects the C13NJ microglia cell line proteome leading to alterations in glycolysis, motility, and cytoskeletal architecture

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Fig. I: 2D-DIGE images of fluorescently labeled proteins from control and LPA-treated C13NJ microglia

Cells were plated on 12-cm Petri dishes and incubated as described in 'Materials and Methods' in the absence or presence of LPA (2 μM). After 6 h incubation, proteins extracted from untreated and LPA-treated cells were labeled with Cy5 (control; A) or Cy3 (LPA treated; B) and separated on pH 3-10 IPG strips in the first dimension. The second dimension was run on 12% SDS-PAGE gels and scanned with a Typhoon 9400 fluorescent scanner. In the overlay shown in (C) spots regulated ≥ 2-fold are numbered as in Table 2.

Fig. I A,B

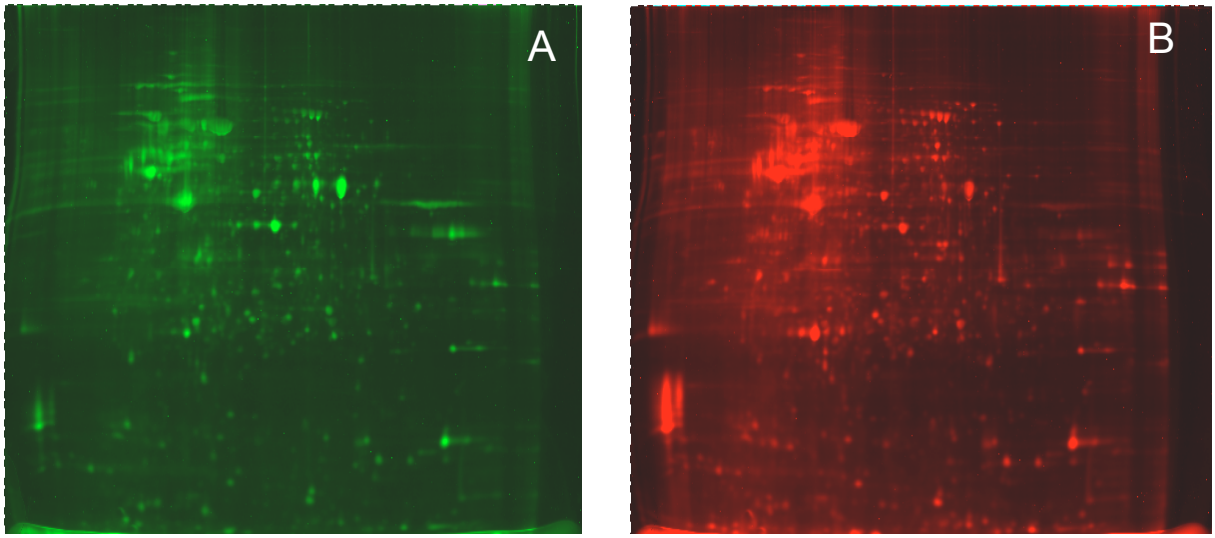

Fig. IC