Supplementary Material

Altered offspring neurodevelopment in an L-NAME-induced preeclampsia rat model

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# Supplementary Table

Supplementary Table 1. Identified and mapped differentially expressed proteins between the two groups.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Accession number | Gene ID | Gene Symbol | Description | *q* value | log2FC | Sample number in PE and control |
| Increase |  |  |  |  |  |  |
| P62246 | 117053 | Rps15a | ribosomal protein S15a | 0.022  | 1.935  | 9/10 and 4/10 |
| Q5U316 | 288700 | Rab35 | RAB35, member RAS oncogene family | 0.022  | 1.880  | 9/10 and 4/10 |
| P12001 | 81766 | Rpl18 | ribosomal protein L18 | 0.049  | 1.806  | 9/10 and 4/10 |
| P61314 | 245981 | Rpl15 | ribosomal protein L15 | 0.043  | 1.796  | 9/10 and 6/10 |
| P63012 | 25531 | Rab3a | RAB3A, member RAS oncogene family | 0.023  | 1.667  | 9/10 and 4/10 |
| P62824 | 171058 | Rab3c | RAB3C, member RAS oncogene family | 0.024  | 1.634  | 9/10 and 4/10 |
| P28480 | 24818 | Tcp1 | t-complex 1 | 0.030  | 1.552  | 9/10 and 6/10 |
| Q6NYB7 | 81754 | Rab1a | RAB1A, member RAS oncogene family | 0.024  | 1.538  | 9/10 and 5/10 |
| P04905 | 24423 | Gstm1 | glutathione S-transferase mu 1 | 0.024  | 1.414  | 9/10 and 6/10 |
| Q5M7U6 | 289820 | Actr2 | actin related protein 2 | 0.040  | 1.398  | 9/10 and 4/10 |
| P49242 | 29288 | Rps3a | ribosomal protein S3a | 0.022  | 1.396  | 9/10 and 9/10 |
| Q66HR2 | 114764 | Mapre1 | microtubule-associated protein, RP/EB family, member 1 | 0.024  | 1.322  | 9/10 and 4/10 |
| P11348 | 64192 | Qdpr | quinoid dihydropteridine reductase | 0.044  | 1.321  | 8/10 and 5/10 |
| P47198 | 81768 | Rpl22 | ribosomal protein L22 | 0.030  | 1.287  | 9/10 and 7/10 |
| P63245 | 83427 | Rack1 | receptor for activated C kinase 1 | 0.024  | 1.266  | 10/10 and 10/10 |
| P21533 | 117042 | Rpl6 | ribosomal protein L6 | 0.042  | 1.117  | 10/10 and 10/10 |
| Q08163 | 64185 | Cap1 | cyclase associated actin cytoskeleton regulatory protein 1 | 0.030  | 0.844  | 10/10 and 9/10 |
| P28073 | 29666 | Psmb6 | proteasome 20S subunit beta 6 | 0.014  | 0.811  | 10/10 and 9/10 |
| Decrease |  |  |  |  |  |  |
| P26051 | 25406 | Cd44 | CD44 molecule (Indian blood group) | 0.049  | −0.814 | 10/10 and 10/10 |
| Q5DWV2 | 29162 | Cdh7 | cadherin 7 | 0.021  | −0.840 | 9/10 and 10/10 |
| Q3ZAV0 | 498190 | Ccdc60 | coiled-coil domain containing 60 | 0.016  | −0.868 | 9/10 and 10/10 |
| Q63621 | 25466 | Il1rap | interleukin 1 receptor accessory protein | 0.014  | −0.879 | 10/10 and 10/10 |
| P14925 | 25508 | Pam | peptidylglycine alpha-amidating monooxygenase | 0.017  | −0.929 | 10/10 and 10/10 |
| O55004 | 56759 | Rnase4 | ribonuclease A family member 4 | 0.023  | −0.944 | 10/10 and 10/10 |
| Q9EQV8 | 365466 | Cpn1 | carboxypeptidase N subunit 1 | 0.022  | −0.963 | 10/10 and 10/10 |
| P01346 | 24483 | Igf2 | insulin-like growth factor 2 | 0.027  | −0.983 | 10/10 and 10/10 |
| Q8R2H5 | 291132 | Gpld1 | glycosylphosphatidylinositol specific phospholipase D1 | 0.014  | −1.029 | 10/10 and 10/10 |
| P27657 | 25702 | Pnlip | pancreatic lipase | 0.014  | −1.231 | 10/10 and 10/10 |
| Q9ERQ6 | 50568 | Cspg5 | chondroitin sulfate proteoglycan 5 | 0.046  | −1.454 | 4/10 and 10/10 |
| Q6AYD4 | 300519 | Esam | endothelial cell adhesion molecule | 0.023  | −1.454 | 8/10 and 10/10 |
| Q6L711 | 292126 | Habp2 | hyaluronan binding protein 2 | 0.042  | −1.488 | 7/10 and 10/10 |
| D3ZF92 | 316256 | Tnfrsf21 | TNF receptor superfamily member 21 | 0.032  | −1.844 | 5/10 and 10/10 |

FC, fold change; PE, preeclampsia.