A proteomics-metabolomics approach indicates changes in hypothalamic glutamate-GABA metabolism of adult female rats submitted to intrauterine growth restriction

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**Supplementary Table S1:** Mass spectrometry information of the proteins significantly affected by intrauterine growth restriction in the adult female rat hypothalamus

| UniProt ID | Protein Score | False Positive Rate (%) | Matched Peptides | Sequence Coverage (%) |
|------------|---------------|--------------------------|------------------|----------------------|
|            | Min | Mean | Max   | Min | Mean | Max   | Min | Mean | Max   | Min | Mean | Max   |
| Q05683     | 301.61 | 1018.05 | 2328.58 | 0.00 | 0.03 | 0.27 | 7 | 12 | 20 | 12.48 | 29.33 | 55.73 |
| P30009     | 280.14 | 542.68 | 1338.87 | 0.00 | 0.11 | 0.58 | 4 | 7 | 10 | 14.24 | 29.69 | 40.78 |
| Q9Z269     | 199.53 | 996.07 | 2346.66 | 0.00 | 0.05 | 0.71 | 3 | 7 | 10 | 14.40 | 40.68 | 67.49 |
| Q6Q0N1     | 179.80 | 613.15 | 1435.27 | 0.00 | 0.23 | 1.84 | 7 | 12 | 18 | 13.26 | 35.03 | 62.95 |
| O35567     | 160.75 | 360.23 | 983.07 | 0.00 | 0.45 | 2.03 | 6 | 14 | 21 | 9.12 | 27.68 | 38.18 |
| P85969     | 1735.76 | 4977.41 | 10540.24 | 0.00 | 0.00 | 0.00 | 6 | 14 | 20 | 32.32 | 54.90 | 75.42 |
| P09606     | 720.89 | 2598.49 | 4983.32 | 0.00 | 0.00 | 0.00 | 8 | 11 | 16 | 18.50 | 38.56 | 59.52 |
| P10860     | 2782.06 | 5556.65 | 13023.67 | 0.00 | 0.00 | 0.00 | 28 | 32 | 38 | 51.61 | 62.34 | 72.22 |
| P70580     | 1131.48 | 2304.16 | 5065.62 | 0.00 | 0.00 | 0.00 | 6 | 10 | 15 | 43.08 | 58.27 | 67.69 |
| Q62952     | 580.53 | 1500.86 | 4659.94 | 0.00 | 0.00 | 0.00 | 11 | 17 | 25 | 33.51 | 42.19 | 56.34 |
| O08875     | 165.54 | 379.41 | 893.73 | 0.00 | 0.50 | 1.37 | 4 | 5 | 9 | 9.70 | 17.41 | 32.10 |
| P05696     | 114.35 | 232.64 | 331.15 | 0.23 | 1.35 | 3.64 | 6 | 12 | 15 | 4.46 | 15.90 | 28.42 |
| P16446     | 149.83 | 292.78 | 602.51 | 0.14 | 0.72 | 2.30 | 8 | 11 | 15 | 24.72 | 36.62 | 46.13 |
| P18666     | 358.15 | 547.04 | 778.20 | 0.00 | 0.10 | 0.35 | 5 | 8 | 11 | 32.56 | 41.98 | 54.65 |
| P41562     | 230.71 | 338.03 | 444.22 | 0.00 | 0.35 | 0.75 | 7 | 11 | 15 | 17.39 | 26.73 | 35.99 |
| P60522     | 435.32 | 649.85 | 803.79 | 0.00 | 0.00 | 0.00 | 2 | 4 | 5 | 17.09 | 25.93 | 36.75 |
| P62198     | 384.49 | 505.40 | 756.37 | 0.00 | 0.03 | 0.13 | 9 | 11 | 16 | 25.37 | 28.42 | 31.53 |
| P62870     | 331.91 | 613.70 | 892.64 | 0.00 | 0.09 | 0.43 | 4 | 5 | 7 | 26.27 | 53.05 | 83.90 |
| Q4V8E4     | 181.15 | 265.24 | 350.68 | 0.00 | 0.68 | 1.53 | 4 | 7 | 9 | 8.16 | 21.11 | 48.98 |
| Q62915     | 143.65 | 237.46 | 380.85 | 0.12 | 1.06 | 2.05 | 10 | 17 | 20 | 11.11 | 14.28 | 23.32 |
| Q661HR2    | 255.05 | 444.29 | 777.50 | 0.00 | 0.26 | 0.46 | 5 | 6 | 7 | 20.52 | 29.03 | 38.06 |
| Q75Q39     | 112.65 | 251.65 | 423.75 | 0.00 | 1.18 | 3.48 | 9 | 14 | 22 | 8.69 | 15.01 | 19.02 |
| Q9R0I8     | 137.98 | 219.71 | 259.81 | 0.12 | 1.21 | 2.19 | 6 | 7 | 8 | 9.36 | 16.31 | 28.33 |
| P19234     | 6669.66 | 10226.03 | 17460.82 | 0.00 | 0.00 | 0.00 | 5 | 8 | 10 | 29.44 | 41.97 | 57.66 |
| P27682     | 571.82 | 1497.89 | 4009.49 | 0.00 | 0.00 | 0.00 | 2 | 5 | 8 | 18.57 | 46.94 | 62.38 |
| O08775     | 165.55 | 226.99 | 326.44 | 0.95 | 1.82 | 3.19 | 14 | 20 | 29 | 7.15 | 9.26 | 13.18 |
| P02688-2   | 26914.30 | 33091.01 | 36623.99 | 0.00 | 0.00 | 0.00 | 8 | 10 | 12 | 43.20 | 54.84 | 60.95 |
| P511146    | 1313.86 | 3583.33 | 5456.31 | 0.00 | 0.00 | 0.00 | 3 | 5 | 7 | 19.25 | 30.42 | 36.62 |