Supplementary Table S1. Non-significant results comparing patients and healthy controls

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| **Tryptophan** | **Tyrosine** |
| *Metabolites*  N-Acetyl-5-hydroxytryptaminea (p = 0.001)  Anthranilic acida (p = 0.078)  3-Hydroxyanthranilic Acida (p = 0.10)  5-Hydroxyindoleacetic acida (p = 0.001)  5-Hydroxytryptamine (p = 0.007)  5-Hydroxytryptophan (p = 0.001)  Indolelactic acid (p = 0.83)  Indole-3-acetic acid (p = 0.90)  3-Indolepropionic acid (p = 0.19)  Kynurenine (p = 0.64)  Kynurenic acida (p = 0.42)  Melatonina (p = 0.80)  5-Methoxytryptophola (p = 0.033)  N-Methylhydroxytryptaminea (p = 0.008)  Tryptophan (p = 0.068)  Tryptophol (p = 0.28) | *Metabolites*  3,4-Dihydroxymandelic acid (p = 0.075)  Dihydroxyphenylacetic acid (p = 0.038)  L-Dopa (p = 0.016)  Homovanillic acida (p = 0.061)  4-Hydroxyphenylacetic acid (p = 0.14)  4-Hydroxyphenyllactic acid (p = 0.27)  3-Methoxy-4-hydroxyphenylglycol (p = 0.19)  3-Methoxytyraminea (p = 0.024)  3-O-Methyldopa (p = 0.25)  Norepinephrine (p = 0.55)  Tyramine (p = 0.86)  Tyrosine (p = 0.17) |
| **Phenylalanine** |
| *Metabolites*  4-Hydroxybenzoic acid (p = 0.30)  2-Hydroxyphenylacetic acida (p = 0.059) |
| **Purine** |
| *Metabolites*  Guaninea (p = 0.072)  Guanosine (p = 0.009)  Hypoxanthine (p = 0.28)  7-Methylxanthinea (p = 0.084)  Paraxanthine (p = 0.036)  Uric acid (p = 0.31)  Xanthosinea (p = 0.74) |
| **Cysteine and Methionine** |
| *Metabolites*  Cysteine (p = 0.016)  Cystine (sum of reductive and oxidative peaks) (p = 0.87)  Glutathione (reduced)a (p = 0.002)  Methionine (p = 0.009) |
| **Vitamins** |
| Ascorbic acida(p = 0.005)  Ascorbate + hemihydroascorbate (p = 0.13)  Alfa-tocopherol (p = 0.23)  Gamma-tocopherol (p = 0.68) |

Metabolites from tyrosine, tryptophan, phenylalanine, purine and sulfur amino acid pathways and vitamins analyzed with a liquid chromatography electrochemical array (LCECA) platform.

aNon-parametric analyses applied.

p-values: Patients vs healthy controls