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