

MULTISPECIFIC DRUG TRANSPORTER *Slc22a8* (*Oat3*) REGULATES MULTIPLE METABOLIC AND SIGNALING PATHWAYS. Wei Wu, Neema Jamshidi, Satish A. Eraly, Henry C. Liu, Kevin T. Bush, Bernhard O. Palsson, and Sanjay K. Nigam. Drug Metabolism and Disposition.

Supplemental Table 5. List of some significantly altered Mass-spect features in the plasma of *Oat3* deficient mice.

| Feature | Fold change | p-value | m/z | Ret. time | Molecule |
|---|-------------|---------|----------|-----------|---|
| M441T11_1 | 8.3 | 0.0325 | 441.1205 | 11.27 | Pongamoside A |
| M174T10_2 | 7.2 | 0.0218 | 174.1496 | 10.07 | 9-amino-nonanoic acid |
| M310T13_1 | 6.9 | 0.0012 | 310.1137 | 12.77 | 9-O-Acetylneuraminic acid |
| M457T11_1 | 6.5 | 0.0081 | 457.0867 | 11.25 | 2-Amino-3-hydroxy-5-nitrobenzophenone glucuronide |
| M454T13_1 | 4.6 | 7E-05 | 454.1812 | 13.25 | 7-Hydroxyfluphenazine |
| M175T3_2 | 3.9 | 3E-05 | 175.0242 | 2.62 | Dehydroascorbic acid |
| M531T11 | 3.5 | 0.0042 | 531.0891 | 11.24 | Fluorescein monoglucuronide |
| M241T9 | 3.5 | 0.0102 | 241.0885 | 9.35 | 2-Oxo-9-methylthiononanoic acid |
| M320T10_1 | 2.7 | 0.0099 | 320.0954 | 9.84 | 1-Methylguanosine |
| M477T16 | 2.3 | 0.0211 | 477.1686 | 16.43 | 3-Hydroxypromazine glucuronide |
| M342T2_6 | 2.2 | 0.0202 | 342.2013 | 1.63 | Dihydrotetrabenazine |
| M637T19_2 | 2.0 | 0.0351 | 636.6307 | 18.64 | Tricosanamide |
| M320T16 | 2.0 | 0.0189 | 320.1871 | 15.65 | Chloroquine |
| M286T2_7 | 2.1 | 0.0118 | 286.1598 | 1.53 | N-Tritylaziridine |
| M529T3_4 | 2.1 | 0.0081 | 529.282 | 2.88 | 3β-ACETOXYDEOXODIHYDROGEDUNIN |
| M281T16_1 | 2.1 | 0.0229 | 281.1422 | 16.18 | N-HISTIDYL-2-AMINONAPHTHALENE (βNA) |
| M302T2_4 | 2.2 | 0.0218 | 302.124 | 2.12 | Desmethylondansetron |
| M659T3 | 2.2 | 0.0315 | 659.002 | 2.63 | Isoscutellarein 4'-methyl ether 8-(2'',4''-disulfatoglucuronide) |
| M238T4 | 2.3 | 0.0434 | 238.0716 | 4.29 | KINETIN |
| M285T2_4 | 2.3 | 0.0039 | 285.1572 | 1.53 | Tropicamide |
| M300T13_2 | 2.3 | 0.042 | 300.1496 | 12.79 | Metochlopramide |
| M230T11_4 | 2.4 | 0.0259 | 230.0808 | 11.33 | FENAMISAL |
| M230T2_3 | 2.4 | 0.0092 | 230.0985 | 2.12 | MIGLITO |
| M545T3_2 | 2.5 | 0.0001 | 545.1329 | 2.74 | CAY10406 |
| M252T2_4 | 2.5 | 0.031 | 252.0802 | 2.11 | H-9 |
| M415T14_3 | 2.7 | 0.0025 | 415.3282 | 13.76 | Palmitoyl Serotonin |
| M366T18_1 | 3.3 | 0.0336 | 366.3408 | 17.65 | Behenic acid(d3) |
| M195T14 | 4.7 | 0.0005 | 195.0385 | 14.4 | Hydantoin-5-propionic acid |
| M366T17 | 10.9 | 8E-05 | 366.3406 | 17.28 | Behenic acid(d3) |
| M366T18_2 | 18.6 | 0.001 | 366.3404 | 17.88 | Behenic acid(d3) |
| Note: Up or Down in <i>Oat3</i> deficient plasma. | | | | | |