Table 3. Reporter metabolite analysis of AD and PD subclasses.

|  |  |  |
| --- | --- | --- |
| **Reporter metabolite** | **Z-score** | ***p*-value** |
| **Cluster 1** | | |
| O2 | 6.111 | 4.95E-10 |
| estrone | 5.4557 | 2.44E-08 |
| retinoate | 5.3943 | 3.44E-08 |
| NADP+ | 5.3667 | 4.01E-08 |
| arachidonate | 5.2822 | 6.38E-08 |
| 2-hydroxyestradiol-17beta | 5.0999 | 1.70E-07 |
| linoleate | 5.0622 | 2.07E-07 |
| 10-HETE | 5.0454 | 2.26E-07 |
| 11,12,15-THETA | 5.0454 | 2.26E-07 |
| 11,14,15-theta | 5.0454 | 2.26E-07 |
| **Cluster 2** | | |
| 1-acylglycerol-3P-LD-PC pool | 4.3322 | 7.38E-06 |
| acyl-CoA-LD-PI pool | 4.143 | 1.71E-05 |
| phosphatidate-CL pool | 4.0973 | 2.09E-05 |
| thymidine | 3.5852 | 0.00016843 |
| uridine | 3.5852 | 0.00016843 |
| prostaglandin D2 | 3.2144 | 0.00065348 |
| G10596 | 3.1354 | 0.0008581 |
| G10597 | 3.1354 | 0.0008581 |
| D-myo-inositol-1,4,5-trisphosphate | 2.9988 | 0.0013552 |
| dolichyl-phosphate | 2.9655 | 0.001511 |
| **Cluster 3** | | |
| D-myo-inositol-1,4,5-trisphosphate | 2.6543 | 0.0039734 |
| 13-cis-retinal | 2.6537 | 0.0039806 |
| heparan sulfate, precursor 9 | 2.5915 | 0.0047772 |
| sn-glycerol-3-phosphate | 2.578 | 0.0049682 |
| DHAP | 2.5353 | 0.0056173 |
| porphobilinogen | 2.4987 | 0.0062333 |
| ATP | 2.4838 | 0.0064998 |
| L-glutamate 5-semialdehyde | 2.4576 | 0.006994 |
| prostaglandin D2 | 2.451 | 0.0071221 |
| ribose | 2.4133 | 0.0079045 |