Table 5. Reporter metabolite analysis of zebrafish *tert* mutants.

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| **Reporter metabolite** | **Z-score** | ***p*-value** |
| ***tert*-/-** | | |
| H+ | 3.911 | 4.60E-05 |
| H2O | 3.0672 | 0.0010804 |
| L-Lysine | 2.8564 | 0.0021424 |
| Biocyt c | 2.8564 | 0.0021424 |
| Ubiquinone | 2.5742 | 0.0050241 |
| Nicotinamide adenine dinucleotide - reduced | 2.3946 | 0.0083183 |
| Phosphate | 2.0562 | 0.019883 |
| Superoxide anion | 2.0365 | 0.020851 |
| Sodium | 1.9228 | 0.027254 |
| TRNA (Glu) | 1.8752 | 0.030381 |
| Thiosulfate | 1.7684 | 0.038493 |
| Selenate | 1.7684 | 0.038493 |
| Reduced glutathione | 1.7184 | 0.042862 |
| ADP | 1.6716 | 0.047305 |
| L-Lysine | 1.6625 | 0.04821 |
| Benzo[a]pyrene-4,5-oxide | 1.6042 | 0.054333 |
| Formaldehyde | 1.5955 | 0.055302 |
| L-Glutamate | 1.4622 | 0.071837 |
| (1R,2S)-Naphthalene epoxide | 1.4518 | 0.073276 |
| Aflatoxin B1 exo-8,9-epozide | 1.4518 | 0.073276 |
| ***tert*+/-** | | |
| H+ | 4.9585 | 3.55E-07 |
| Ubiquinol | 3.9938 | 3.25E-05 |
| H2O | 3.2078 | 0.00066883 |
| Nicotinamide adenine dinucleotide - reduced | 3.029 | 0.0012268 |
| Superoxide anion | 2.0908 | 0.018274 |
| L-Lactate | 2.0752 | 0.018983 |
| O2 | 1.9958 | 0.022976 |
| Lnlncgcoa c | 1.9628 | 0.024834 |
| Succinate | 1.9449 | 0.025895 |
| Ferricytochrome c | 1.8352 | 0.033237 |
| Phosphatidylinositol-3,4,5-trisphosphate | 1.7494 | 0.040109 |
| 9-cis-Retinoic acid | 1.7 | 0.044567 |
| [(Gal)2 (GlcNAc)4 (LFuc)1 (Man)3 (Asn)1'] | 1.6672 | 0.047739 |
| O-Phospho-L-serine | 1.6601 | 0.048451 |
| [(Glc)3 (GlcNAc)2 (Man)9 (Asn)1'] | 1.6276 | 0.051802 |
| Protein serine | 1.6078 | 0.053937 |
| [(GlcNAc)1 (Ser/Thr)1'] | 1.6078 | 0.053937 |
| Geranyl diphosphate | 1.5912 | 0.055785 |
| CTP | 1.5625 | 0.059088 |
| [(Gal)2 (GlcNAc)4 (LFuc)1 (Man)3 (Neu5Ac)2 (Asn)1'] | 1.5367 | 0.062179 |