

Molecular and metabolomic changes in the proximal colon of pigs infected with *Trichuris suis*

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Supplemental Table S12

Accession	Category	Substrate	EC	EC Class	EC Subclass	EC Term	EC ID	EC Name	EC Description	EC Pathway	EC Pathway ID	EC Pathway Name	EC Pathway Description
1302	Vitamins	3,5-dihydroxyisovalerate	GCMS	30776	30780	30784	1.1.1	0.9990	0.1026	0.0240	0.3708	44	9
1360	Riboflavin metabolism	5,6-dihydro-4-methylthio-PTC	LCMS Reg	2124	20406	20406	1.1.1	0.9917	0.1817	0.0463	0.6989	11	27
1361		5-methyl-4-hydroxy-PTC	LCMS Reg	1927	20406	20406	1.1.1	0.9923	0.0916	0.0953	1.0203	100	100
1372		6-methyl-isoalloxazine	GCMS	1961	20406	20406	1.1.1	0.9901	0.0911	1.6374	0.0956	100	100
1377		6-methyl-isoalloxazine	GCMS	2015	20406	20406	1.1.1	0.9983	0.0901	1.0987	0.0999	100	100
1378	Tocopherol metabolism	alpha-tocopherol	GCMS	37902	20406	20406	1.1.1	0.1792	0.0293	0.0481	0.4402	32	27
1379		gamma-tocopherol	GCMS	37761	20406	20406	1.1.1	0.0002	0.0024	0.0778	0.1927	100	18
1380		delta-tocopherol	LCMS Reg	21159	20406	20406	1.1.1	0.0073	0.0075	2.4128	0.1728	100	100
1426	Vitamin B6 metabolism	pyridoxal	GCMS	12778	20406	20406	1.0	0.7981	0.0017	1.0475	1.0480	100	100
1429		3-hydroxyisovalerate	GCMS	12973	20406	20406	0.97	0.4117	0.0092	0.0095	0.0709	85	85
1431		5-hydroxyisovalerate	LCMS Reg	21158	20406	20406	1.0	0.0068	0.0041	0.0300	0.1469	100	79
1432		pyridoxal hydroxymethyl	GCMS	12737	20406	20406	1.0	0.0201	0.0023	0.0549	0.4403	78	100
1441	Chemical	3-hydroxyisovalerate	GCMS	21169	20406	20406	1.0	0.0425	0.0001	1.1564	0.0788	100	82
1442		5-hydroxyisovalerate	LCMS Reg	21168	20406	20406	1.0	0.0139	0.0096	1.0411	0.0003	100	100
1443		pyridoxal	LCMS Reg	21167	20406	20406	1.0	0.0444	0.0105	0.0002	1.0448	100	82
1444	Drug	pyridoxal	LCMS Reg	21166	20406	20406	1.0	0.0009	0.0080	1.1998	1.0208	100	100
1445		3-hydroxyisovalerate	LCMS Reg	21165	20406	20406	1.0	0.0000	0.0000	1.0440	0.1468	100	88
1446		5-hydroxyisovalerate	LCMS Reg	21164	20406	20406	1.0	0.0000	0.0000	1.0440	0.1468	100	88
1447	Benzolate metabolism	pyridoxal	LCMS Reg	21163	20406	20406	1.0	0.1218	0.1908	1.0920	2.2989	100	100
1448		3-hydroxyisovalerate	LCMS Reg	21162	20406	20406	1.0	0.0002	0.0006	0.0013	0.1715	100	100
1449		5-hydroxyisovalerate	LCMS Reg	21161	20406	20406	1.0	0.1748	0.2207	1.1000	2.2025	80	100
1450	Chemical	pyridoxal	LCMS Reg	21160	20406	20406	1.0	0.0000	0.0004	0.0003	0.0018	100	100
1451		3-hydroxyisovalerate	LCMS Reg	21159	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1452		5-hydroxyisovalerate	LCMS Reg	21158	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1453	Drug	pyridoxal	LCMS Reg	21157	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1454		3-hydroxyisovalerate	LCMS Reg	21156	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1455		5-hydroxyisovalerate	LCMS Reg	21155	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1456	Xenobiotics	pyridoxal	LCMS Reg	21154	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1457		3-hydroxyisovalerate	LCMS Reg	21153	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1458		5-hydroxyisovalerate	LCMS Reg	21152	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1459	Food components/Plant	pyridoxal	LCMS Reg	21151	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1460		3-hydroxyisovalerate	LCMS Reg	21150	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1461		5-hydroxyisovalerate	LCMS Reg	21149	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1462	Food components/Plant	pyridoxal	LCMS Reg	21148	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1463		3-hydroxyisovalerate	LCMS Reg	21147	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1464		5-hydroxyisovalerate	LCMS Reg	21146	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1465	Food components/Plant	pyridoxal	LCMS Reg	21145	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1466		3-hydroxyisovalerate	LCMS Reg	21144	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1467		5-hydroxyisovalerate	LCMS Reg	21143	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1468	Food components/Plant	pyridoxal	LCMS Reg	21142	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1469		3-hydroxyisovalerate	LCMS Reg	21141	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1470		5-hydroxyisovalerate	LCMS Reg	21140	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1471	Food components/Plant	pyridoxal	LCMS Reg	21139	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1472		3-hydroxyisovalerate	LCMS Reg	21138	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1473		5-hydroxyisovalerate	LCMS Reg	21137	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1474	Food components/Plant	pyridoxal	LCMS Reg	21136	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1475		3-hydroxyisovalerate	LCMS Reg	21135	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1476		5-hydroxyisovalerate	LCMS Reg	21134	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1477	Food components/Plant	pyridoxal	LCMS Reg	21133	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1478		3-hydroxyisovalerate	LCMS Reg	21132	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1479		5-hydroxyisovalerate	LCMS Reg	21131	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1480	Food components/Plant	pyridoxal	LCMS Reg	21130	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1481		3-hydroxyisovalerate	LCMS Reg	21129	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1482		5-hydroxyisovalerate	LCMS Reg	21128	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1483	Food components/Plant	pyridoxal	LCMS Reg	21127	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1484		3-hydroxyisovalerate	LCMS Reg	21126	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1485		5-hydroxyisovalerate	LCMS Reg	21125	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1486	Food components/Plant	pyridoxal	LCMS Reg	21124	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1487		3-hydroxyisovalerate	LCMS Reg	21123	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1488		5-hydroxyisovalerate	LCMS Reg	21122	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1489	Food components/Plant	pyridoxal	LCMS Reg	21121	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1490		3-hydroxyisovalerate	LCMS Reg	21120	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1491		5-hydroxyisovalerate	LCMS Reg	21119	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1492	Food components/Plant	pyridoxal	LCMS Reg	21118	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1493		3-hydroxyisovalerate	LCMS Reg	21117	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1494		5-hydroxyisovalerate	LCMS Reg	21116	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1495	Food components/Plant	pyridoxal	LCMS Reg	21115	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1496		3-hydroxyisovalerate	LCMS Reg	21114	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1497		5-hydroxyisovalerate	LCMS Reg	21113	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1498	Food components/Plant	pyridoxal	LCMS Reg	21112	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1499		3-hydroxyisovalerate	LCMS Reg	21111	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1500		5-hydroxyisovalerate	LCMS Reg	21110	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1501	Food components/Plant	pyridoxal	LCMS Reg	21109	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1502		3-hydroxyisovalerate	LCMS Reg	21108	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1503		5-hydroxyisovalerate	LCMS Reg	21107	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1504	Food components/Plant	pyridoxal	LCMS Reg	21106	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1505		3-hydroxyisovalerate	LCMS Reg	21105	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1506		5-hydroxyisovalerate	LCMS Reg	21104	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1507	Food components/Plant	pyridoxal	LCMS Reg	21103	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1508		3-hydroxyisovalerate	LCMS Reg	21102	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1509		5-hydroxyisovalerate	LCMS Reg	21101	20406	20406	1.0	0.0000	0.0000	0.0000	0.0000	100	100
1510	Food components/Plant	pyridoxal	LCMS Reg										