TABLE S5: 3-4 MONTH FECAL PELLETS

feature	coef	pval	qval	description	category
GOLPDLCAT.PWY	-0.1769427398	0.0149836236	0.1756881841	superpathway of glycerol degradation to 1,3-propanediol	Alcohol-Degradation
GLUTORN.PWY	-0.04645535177	0.04191150945	0.2496335161	L-ornithine biosynthesis	Amino-Acid-Biosynthesis
COLANSYN.PWY	-0.04415063059	0.01751043647	0.1756881841	colanic acid building blocks biosynthesis	Carbohydrates-Biosynthesis
PWY.1269	-0.06044474317	0.03545778741	0.2290113368	CMP-3-deoxy-D-manno-octulosonate biosynthesis I	Carbohydrates-Biosynthesis
PWY.7323	-0.04961117381	0.01961060837	0.1756881841	superpathway of GDP-mannose-derived O-antigen building blocks biosynthesis	Carbohydrates-Biosynthesis
PWY.1269	-0.06044474317	0.03545778741	0.2290113368	CMP-3-deoxy-D-manno-octulosonate biosynthesis I	Carbohydrates-Biosynthesis
PWY.6901	-0.06323344154	0.02041669144	0.1756881841	superpathway of glucose and xylose degradation	Carbohydrates-Degradation
PWY.5384	-0.1318414954	0.009895895383	0.141667555	sucrose degradation IV (sucrose phosphorylase)	Carbohydrates-Degradation
GLUCUROCAT.PWY	-0.05970682386	0.005041720407	0.09700305131	superpathway of β-D-glucuronide and D-glucuronate degradation	CARBOXYLATES-DEG
NAGLIPASYN.PWY	-0.06151006075	0.03159354502	0.2130606011	lipid IVA biosynthesis	Cell-Structure-Biosynthesis
PWY.6467	-0.06110900162	0.03241046356	0.2150157583	Kdo transfer to lipid IVA III (Chlamydia)	Cell-Structure-Biosynthesis
PWY.7323	-0.04961117381	0.01961060837	0.1756881841	superpathway of GDP-mannose-derived O-antigen building blocks biosynthesis	Cell-Structure-Biosynthesis
PANTOSYN.PWY	-0.04086930306	0.004019143793	0.09595114474	pantothenate and coenzyme A biosynthesis I	Cofactor-Biosynthesis
PANTOSYN.PWY	-0.04086930306	0.004019143793	0.09595114474	pantothenate and coenzyme A biosynthesis I	Cofactor-Biosynthesis
PWY.6897	-0.06270223199	0.001512684015	0.0726088327	thiamin salvage II	Cofactor-Biosynthesis
PWY.7539	-0.05668053461	0.0051116804	0.09700305131	6-hydroxymethyl-dihydropterin diphosphate biosynthesis III (Chlamydia)	Cofactor-Biosynthesis
PWY.6147	-0.05117317926	0.02120566006	0.1783898825	6-hydroxymethyl-dihydropterin diphosphate biosynthesis I	Cofactor-Biosynthesis
PYRIDNUCSYN.PWY	-0.03947295541	0.01470717029	0.1756881841	NAD biosynthesis I (from aspartate)	Cofactor-Biosynthesis
PWY.6892	-0.05862628088	0.00211127126	0.08203796894	thiazole biosynthesis I (E. coli)	Cofactor-Biosynthesis
THISYN.PWY	-0.05608300397	0.009683246067	0.1410987284	superpathway of thiamin diphosphate biosynthesis I	Cofactor-Biosynthesis
PANTO.PWY	-0.05040195979	0.01264524329	0.1657219763	phosphopantothenate biosynthesis I	Cofactor-Biosynthesis
RIBOSYN2.PWY	-0.04491734943	0.000982103555	0.05161070219	flavin biosynthesis I (bacteria and plants)	Cofactor-Biosynthesis
P108.PWY	-0.05611345943	0.01687656697	0.1756881841	pyruvate fermentation to propanoate I	Fermentation
NAGLIPASYN.PWY	-0.06151006075	0.03159354502	0.2130606011	lipid IVA biosynthesis	Lipid-Biosynthesis
PWY.6467	-0.06110900162	0.03241046356	0.2150157583	Kdo transfer to lipid IVA III (Chlamydia)	Lipid-Biosynthesis
PWY.6703	-0.05637295488	0.02631912634	0.1983177847	preQ0 biosynthesis	SECONDARY-METABOLITE-BIOSYNTHESIS
PWY.6507	-0.04562301245	0.02790938226	0.1983177847	4-deoxy-L-threo-hex-4-enopyranuronate degradation	SECONDARY-METABOLITE-DEGRADATION
GLUCUROCAT.PWY	-0.05970682386	0.005041720407	0.09700305131	superpathway of β-D-glucuronide and D-glucuronate degradation	SECONDARY-METABOLITE-DEGRADATION
GOLPDLCAT.PWY	-0.1769427398	0.0149836236	0.1756881841	superpathway of glycerol degradation to 1,3-propanediol	Super-Pathways
PWY.6901	-0.06323344154	0.02041669144	0.1756881841	superpathway of glucose and xylose degradation	Super-Pathways
PWY.6897	-0.06270223199	0.001512684015	0.0726088327	thiamin salvage II	Super-Pathways
PWY.6467	-0.06110900162	0.03241046356	0.2150157583	Kdo transfer to lipid IVA III (Chlamydia)	Super-Pathways
GLUCUROCAT.PWY	-0.05970682386	0.005041720407	0.09700305131	superpathway of β-D-glucuronide and D-glucuronate degradation	Super-Pathways
THISYN.PWY	-0.05608300397	0.009683246067	0.1410987284	superpathway of thiamin diphosphate biosynthesis I	Super-Pathways
GALACT.GLUCUROCAT.PWY	-0.05352623777	0.01389390655	0.1756881841	superpathway of hexuronide and hexuronate degradation	Super-Pathways
PWY.7323	-0.04961117381	0.01961060837	0.1756881841	superpathway of GDP-mannose-derived O-antigen building blocks biosynthesis	Super-Pathways
COLANSYN.PWY	-0.04415063059	0.01751043647	0.1756881841	colanic acid building blocks biosynthesis	Super-Pathways
PANTOSYN.PWY	-0.04086930306	0.004019143793	0.09595114474	pantothenate and coenzyme A biosynthesis I	Super-Pathways
PWY.5913	-0.08105625381	0.03842318749	0.2322468221	TCA cycle VI (obligate autotrophs)	TCA-VARIANTS
PWY.6123	0.01903853739	0.0249823896	0.1979187371	inosine-5'-phosphate biosynthesis I	Nucleotide-Biosynthesis
PWY.7663	0.02001715026	0.03662202527	0.2290113368	gondoate biosynthesis (anaerobic)	Lipid-Biosynthesis

PWY.5973	0.0227374266	0.02998662897	0.2073651631	cis-vaccenate biosynthesis	Lipid-Biosynthesis
HISDEG.PWY	0.1216791687	0.03668680945	0.2290113368	L-histidine degradation I	Amino-Acid-Degradation
BIOTIN.BIOSYNTHESIS.PWY	0.319047977	0.01976728007	0.1756881841	biotin biosynthesis I	Super-Pathways
BIOTIN.BIOSYNTHESIS.PWY	0.319047977	0.01976728007	0.1756881841	biotin biosynthesis I	Cofactor-Biosynthesis
PWY.6519	0.3235450381	0.01984105858	0.1756881841	8-amino-7-oxononanoate biosynthesis I	Cofactor-Biosynthesis
PWY.5971	0.3269762344	0.01929039388	0.1756881841	palmitate biosynthesis II (bacteria and plants)	Lipid-Biosynthesis
PWYG.321	0.3296549682	0.02014096333	0.1756881841	mycolate biosynthesis	Lipid-Biosynthesis
PWY.7664	0.3301938468	0.02006855063	0.1756881841	oleate biosynthesis IV (anaerobic)	Lipid-Biosynthesis
PWY0.862	0.3307684069	0.0202318048	0.1756881841	(5Z)-dodec-5-enoate biosynthesis	Lipid-Biosynthesis
PWY.6282	0.3310216316	0.02035180229	0.1756881841	palmitoleate biosynthesis I (from (5Z)-dodec-5-enoate)	Lipid-Biosynthesis
PWY.5989	0.3310964705	0.02052118987	0.1756881841	stearate biosynthesis II (bacteria and plants)	Lipid-Biosynthesis
FASYN.INITIAL.PWY	0.3314080798	0.02038061956	0.1756881841	superpathway of fatty acid biosynthesis initiation (E. coli)	Super-Pathways
FASYN.INITIAL.PWY	0.3314080798	0.02038061956	0.1756881841	superpathway of fatty acid biosynthesis initiation (E. coli)	Lipid-Biosynthesis
P105.PWY	0.4834897532	0.03732660268	0.2290113368	TCA cycle IV (2-oxoglutarate decarboxylase)	TCA-VARIANTS