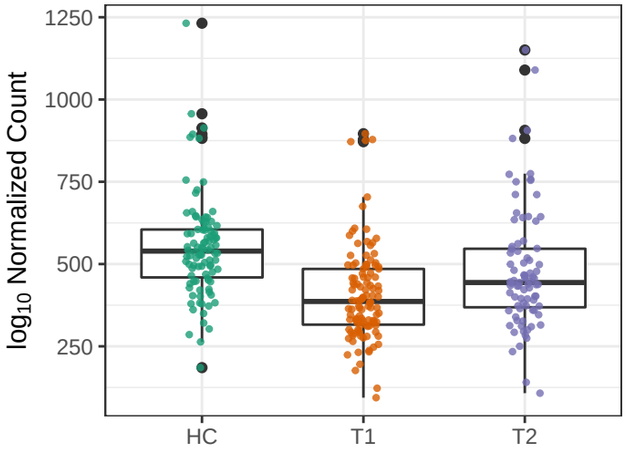
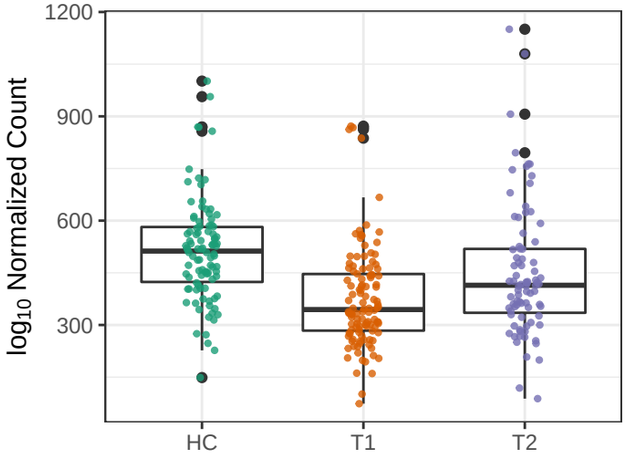
BRANCHED−CHAIN−AA−SYN−PWY

HC vs. T1 p = 2.3e−09
HC vs. T2 p = 0.044
T1 vs. T2 p = 0.0038



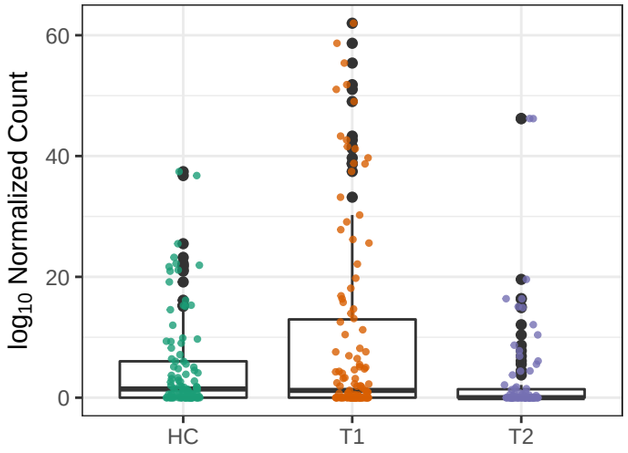
PWY−5103: L−isoleucine biosynthesis

HC vs. T1 p = 2.3e−09
HC vs. T2 p = 0.064
T1 vs. T2 p = 0.0038



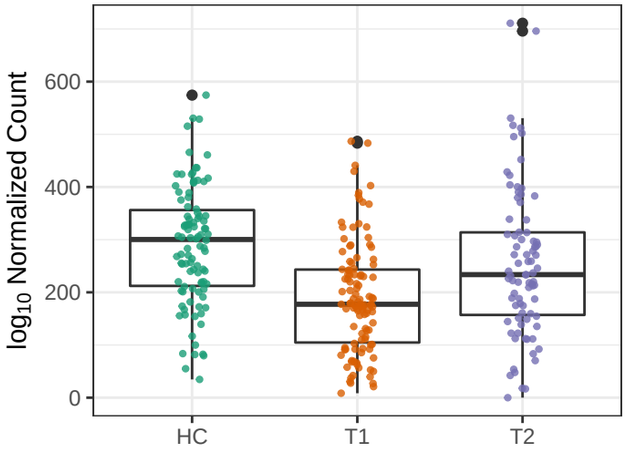
PWY−5505: L−glutamate and L−glutam

HC vs. T1 p = 0.019
HC vs. T2 p = 0.19
T1 vs. T2 p = 0.0038



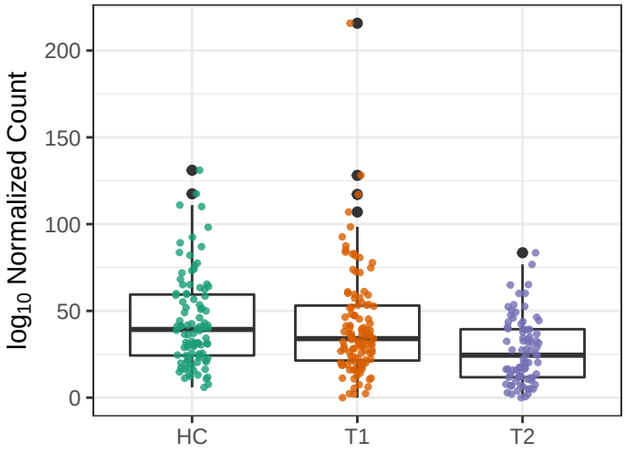
SER−GLYSYN−PWY: superpathway of

HC vs. T1 p = 7.2e−09
HC vs. T2 p = 0.18
T1 vs. T2 p = 0.0038



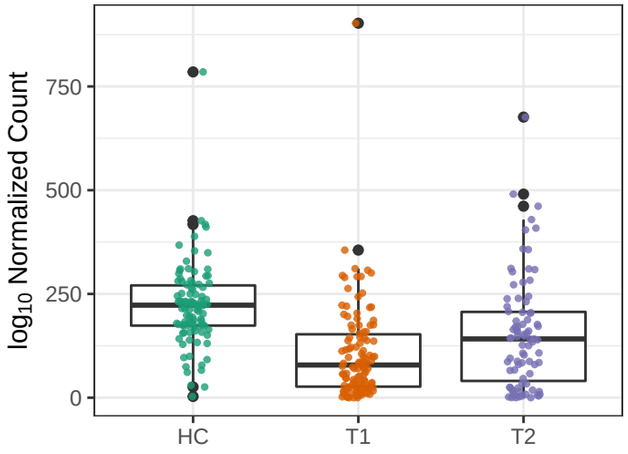
TCA: TCA cycle I (prokaryotic)

HC vs. T1 p = 0.58
HC vs. T2 p = 5.9e−05
T1 vs. T2 p = 0.0038



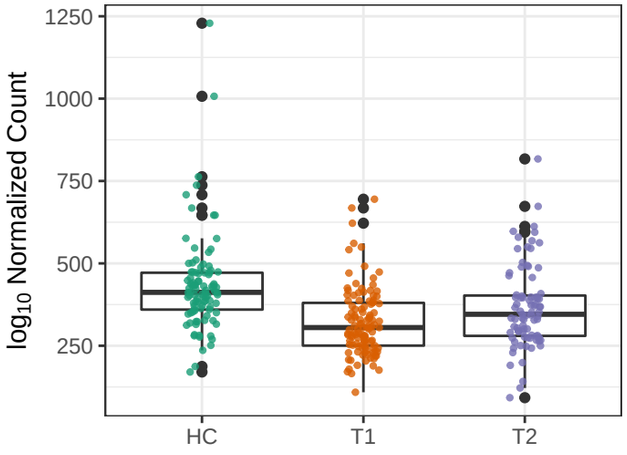
COBALSYN−PWY: adenosylcobalamin

HC vs. T1 p = 2.4e−11
HC vs. T2 p = 0.003
T1 vs. T2 p = 0.0057



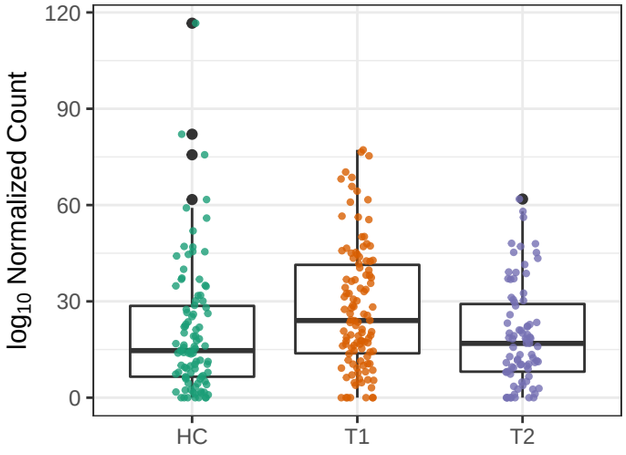
PWY−3001: superpathway of L−isoleu

HC vs. T1 p = 2.3e−08
HC vs. T2 p = 0.014
T1 vs. T2 p = 0.0057



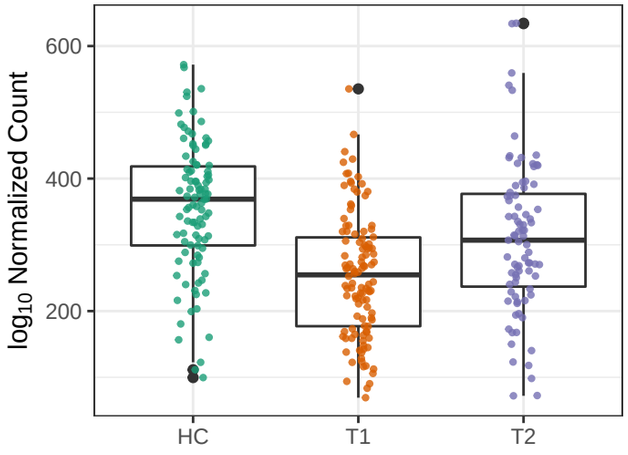
PWY−5676: acetyl−CoA fermentation t

HC vs. T1 p = 0.019
HC vs. T2 p = 0.74
T1 vs. T2 p = 0.0057



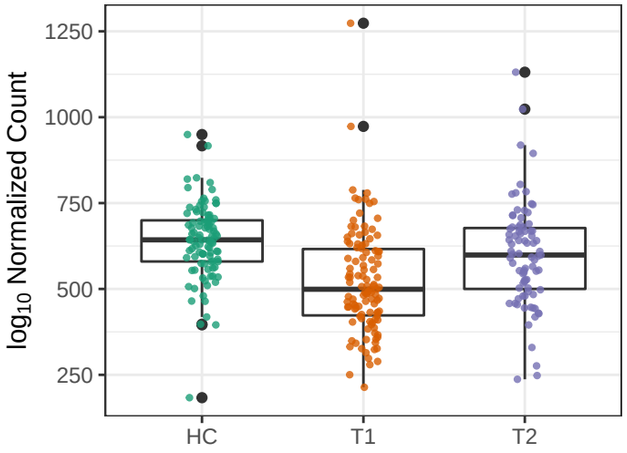
PWY−6317: galactose degradation I (L

HC vs. T1 p = 3.2e−11
HC vs. T2 p = 0.025
T1 vs. T2 p = 0.0059



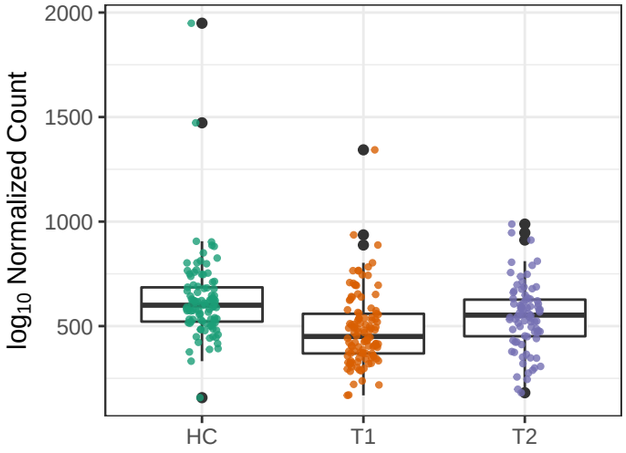
ARO−PWY: chorismate biosynthesis I

HC vs. T1 p = 1.4e−08
HC vs. T2 p = 0.1
T1 vs. T2 p = 0.0061



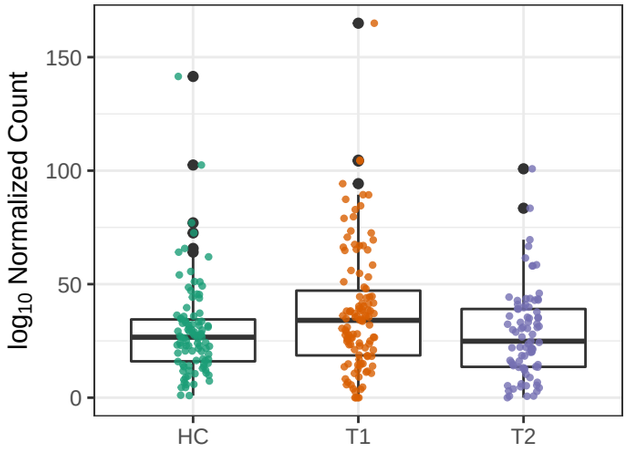
PWY−6151: S−adenosyl−L−methionir

HC vs. T1 p = 1.6e−06
HC vs. T2 p = 0.02
T1 vs. T2 p = 0.0062



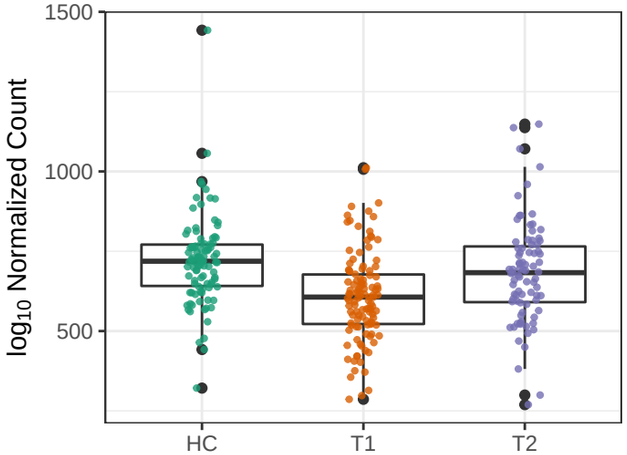
P441−PWY: superpathway of N−acetyl

HC vs. T1 p = 0.033
HC vs. T2 p = 0.71
T1 vs. T2 p = 0.0063



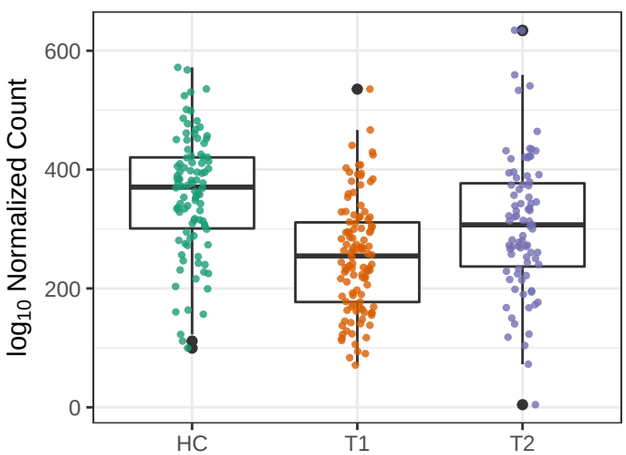
PWY−5686: UMP biosynthesis

HC vs. T1 p = 2.4e−07
HC vs. T2 p = 0.19
T1 vs. T2 p = 0.0063



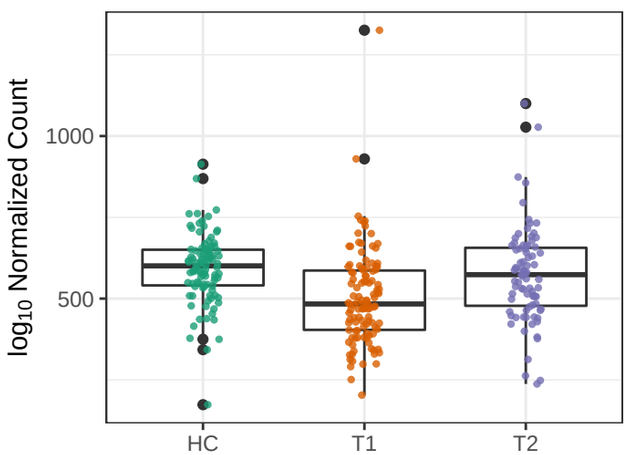
PWY66−422: D−galactose degradatior

HC vs. T1 p = 2.5e−11
HC vs. T2 p = 0.02
T1 vs. T2 p = 0.0063



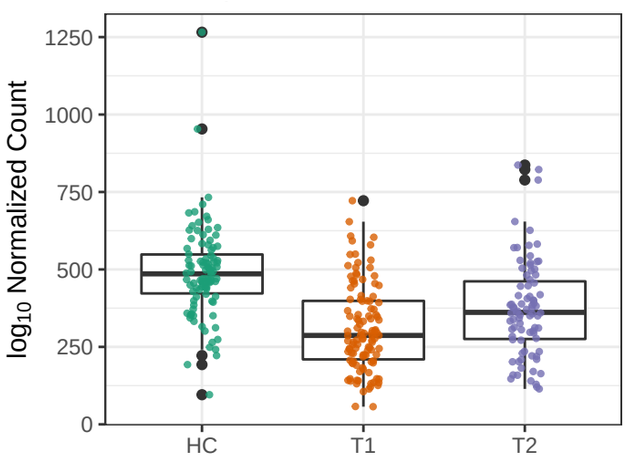
COMPLETE−ARO−PWY: superpathw

HC vs. T1 p = 4.6e−06
HC vs. T2 p = 0.38
T1 vs. T2 p = 0.0069



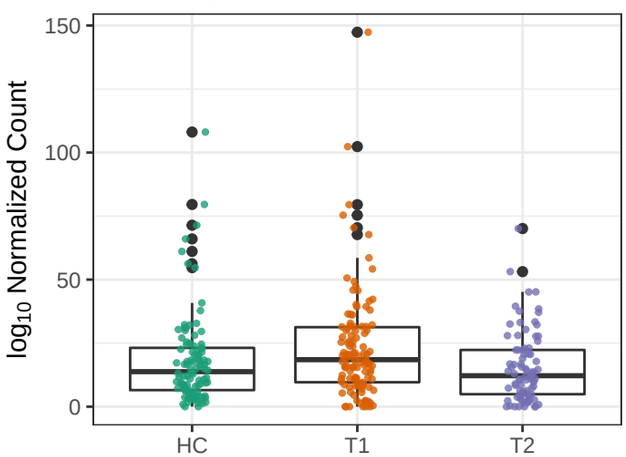
DTDPRHAMSYN−PWY: dTDP−L−rha

HC vs. T1 p = 6.3e−14
HC vs. T2 p = 4.8e−05
T1 vs. T2 p = 0.007



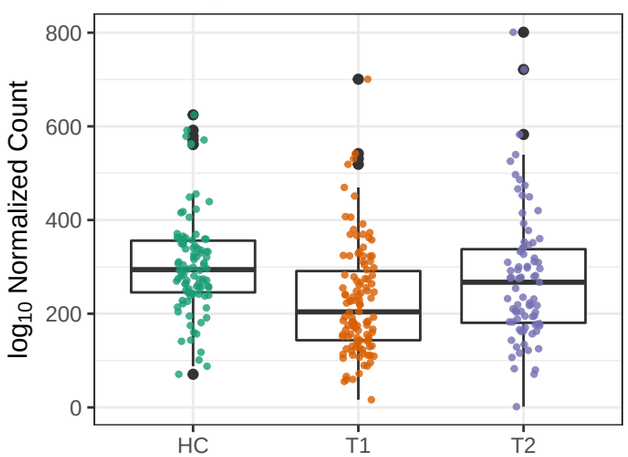
GLYCOLYSIS−E−D: superpathway of g

HC vs. T1 p = 0.12
HC vs. T2 p = 0.38
T1 vs. T2 p = 0.0078

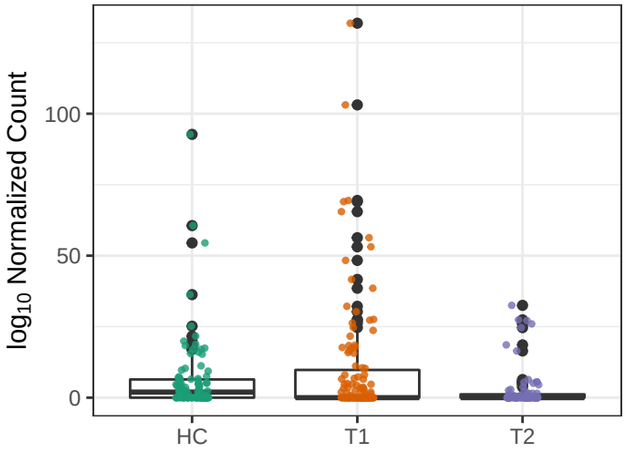


PWY−6123: inosine−5'−phosphate bios

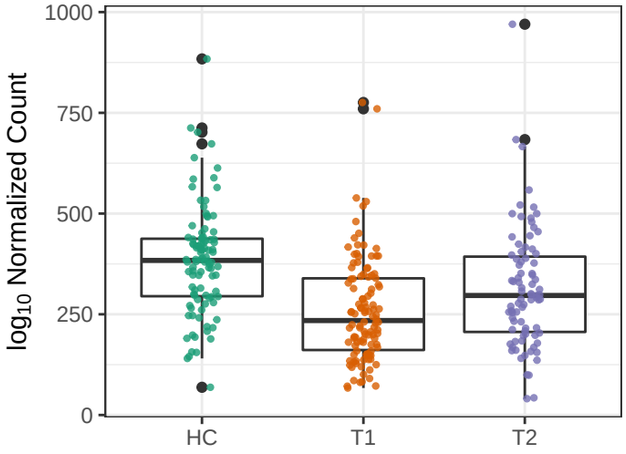
HC vs. T1 p = 7.3e−06
HC vs. T2 p = 0.25
T1 vs. T2 p = 0.0078



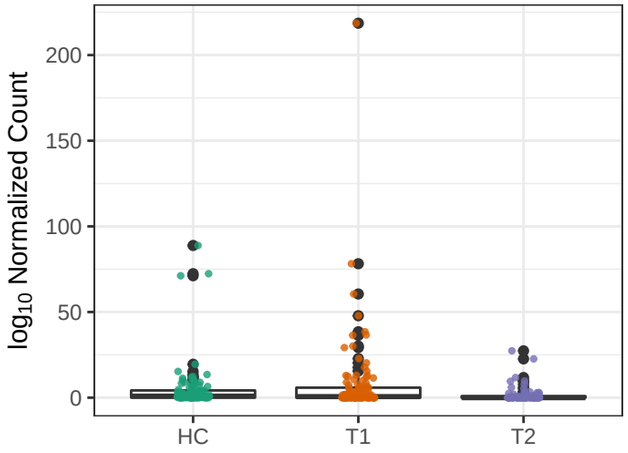
PWY−5838: superpathway of menaqui
HC vs. T1 p = 0.22
HC vs. T2 p = 0.068
T1 vs. T2 p = 0.0083



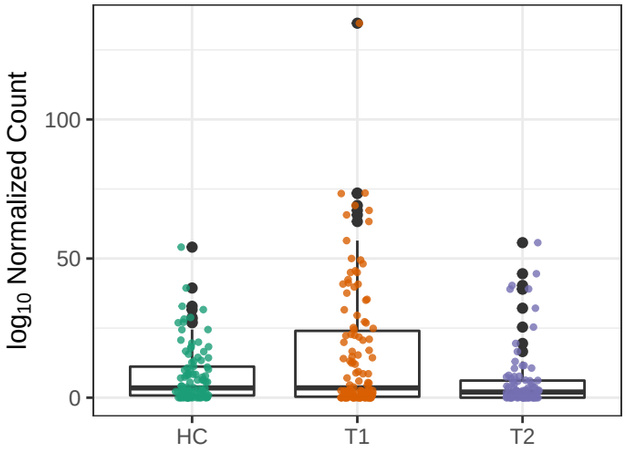
PWY−7357: thiamin formation from py
HC vs. T1 p = 2.3e−09
HC vs. T2 p = 0.014
T1 vs. T2 p = 0.0086



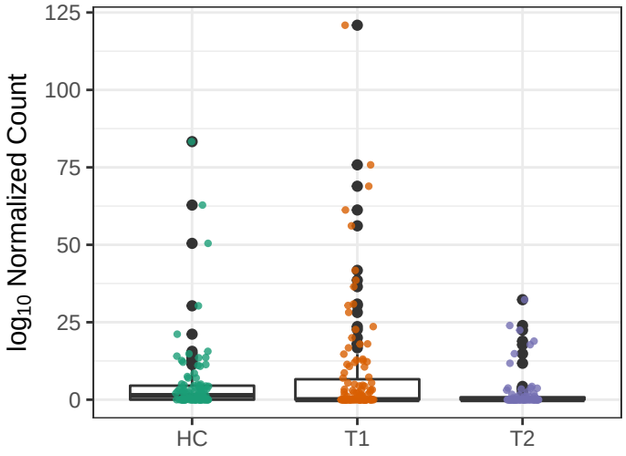
GLYOXYLATE−BYPASS: glyoxylate cyc
HC vs. T1 p = 0.44
HC vs. T2 p = 0.07
T1 vs. T2 p = 0.0089



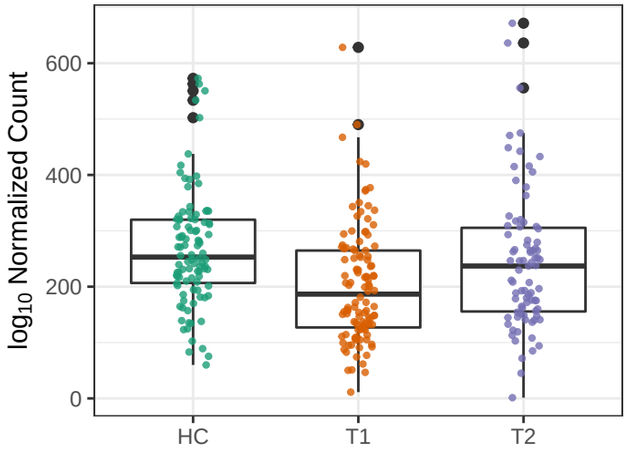
P108−PWY: pyruvate fermentation to p
HC vs. T1 p = 0.004
HC vs. T2 p = 0.36
T1 vs. T2 p = 0.0089



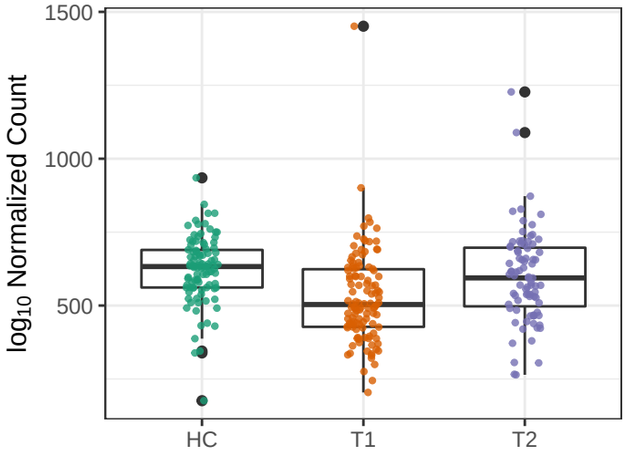
PWY−5861: superpathway of demethyl
HC vs. T1 p = 0.29
HC vs. T2 p = 0.092
T1 vs. T2 p = 0.0089



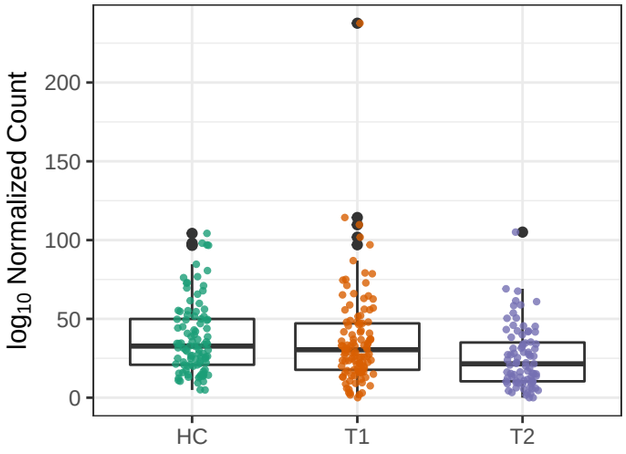
PWY−6124: inosine−5'−phosphate bios
HC vs. T1 p = 6.5e−05
HC vs. T2 p = 0.35
T1 vs. T2 p = 0.0089



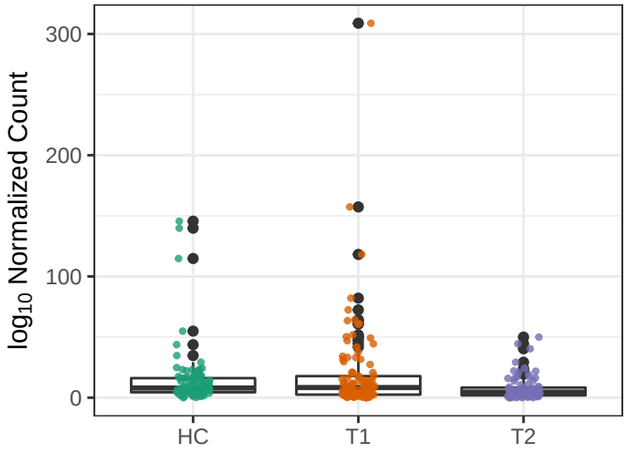
PWY−6163: chorismate biosynthesis I
HC vs. T1 p = 4e−06
HC vs. T2 p = 0.35
T1 vs. T2 p = 0.0089



PWY−6969: TCA cycle V (2−oxoglutara
HC vs. T1 p = 0.8
HC vs. T2 p = 0.0024
T1 vs. T2 p = 0.0089

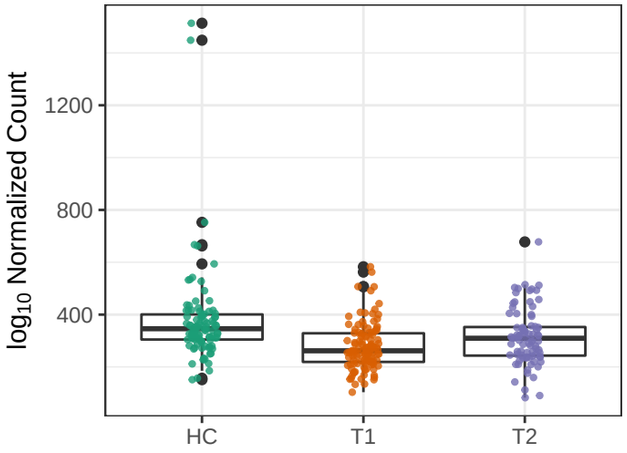


PWY0−1061: superpathway of L−alani
HC vs. T1 p = 0.44
HC vs. T2 p = 0.041
T1 vs. T2 p = 0.0089



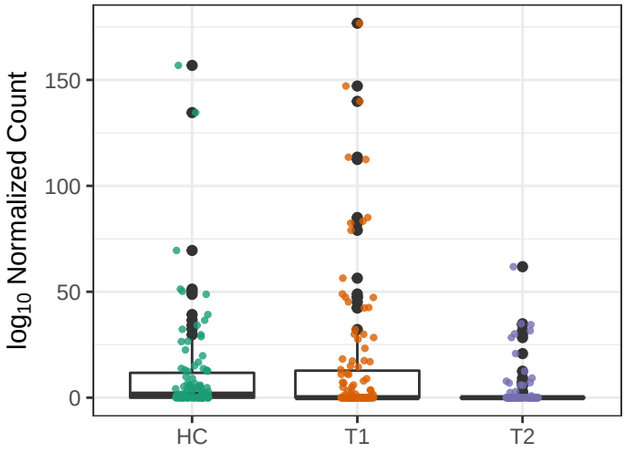
THRESYN−PWY: superpathway of L−

HC vs. T1 p = 1.8e−05
HC vs. T2 p = 0.028
T1 vs. T2 p = 0.0089



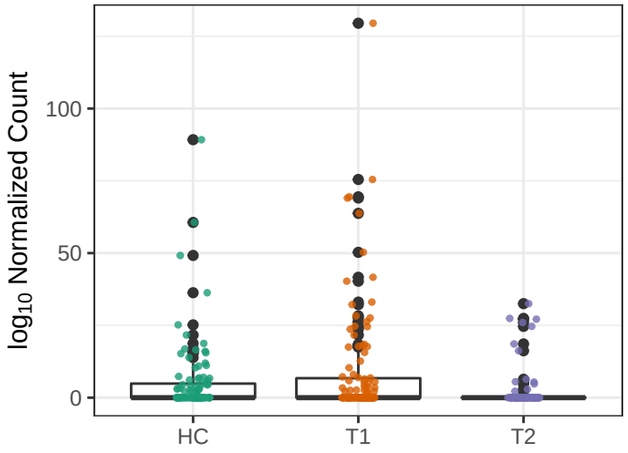
PWY−6895: superpathway of thiamin d

HC vs. T1 p = 0.39
HC vs. T2 p = 0.041
T1 vs. T2 p = 0.0091



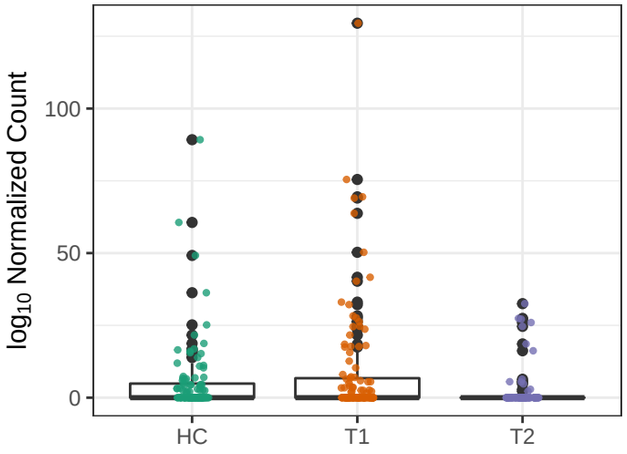
PWY−5845: superpathway of menaqui

HC vs. T1 p = 0.25
HC vs. T2 p = 0.1
T1 vs. T2 p = 0.0093



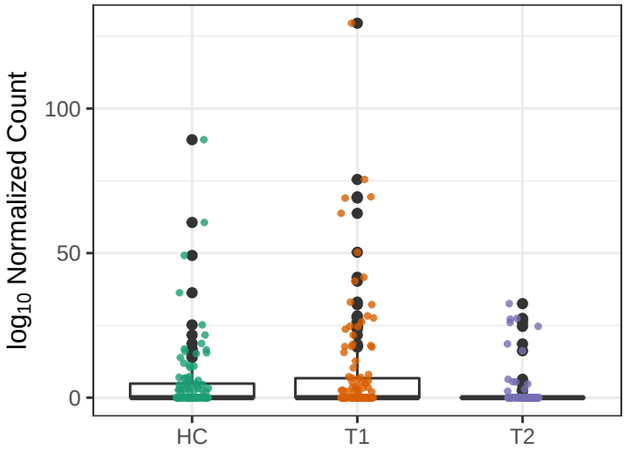
PWY−5850: superpathway of menaqui

HC vs. T1 p = 0.25
HC vs. T2 p = 0.1
T1 vs. T2 p = 0.0093



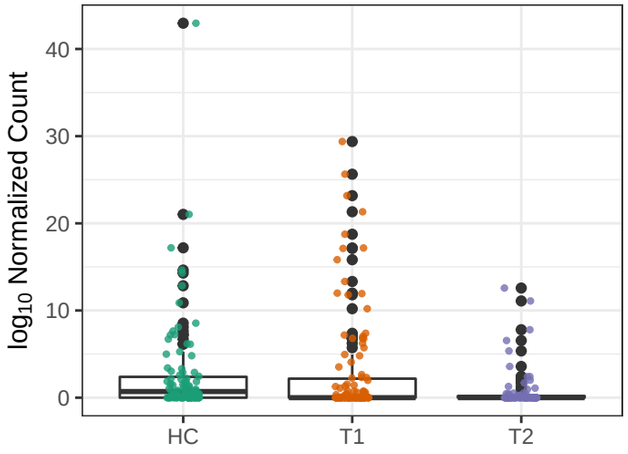
PWY−5896: superpathway of menaqui

HC vs. T1 p = 0.25
HC vs. T2 p = 0.1
T1 vs. T2 p = 0.0093



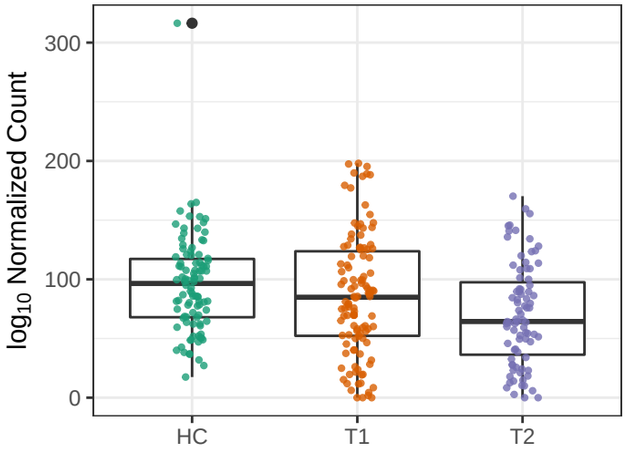
KETOGLUCONMET−PWY: ketoglucona

HC vs. T1 p = 0.9
HC vs. T2 p = 0.017
T1 vs. T2 p = 0.01



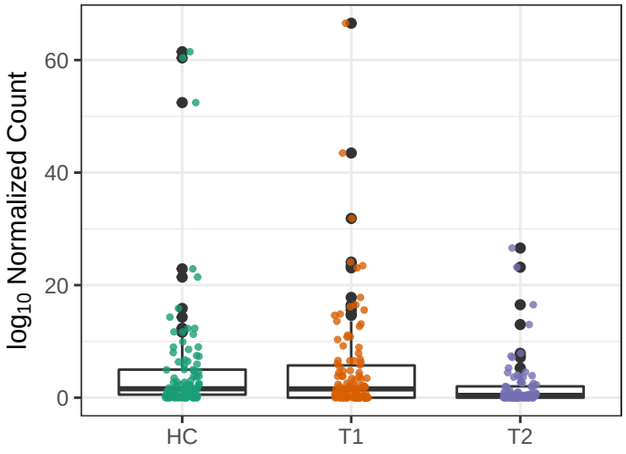
PWY−7211: superpathway of pyrimidin

HC vs. T1 p = 0.22
HC vs. T2 p = 0.0018
T1 vs. T2 p = 0.01



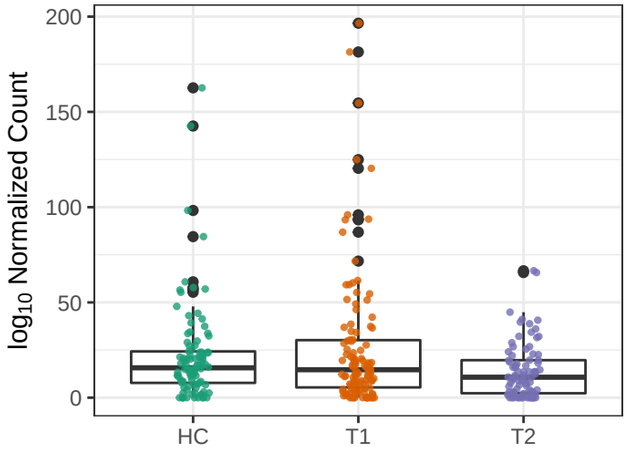
REDCITCYC: TCA cycle VIII (helicobac

HC vs. T1 p = 0.92
HC vs. T2 p = 0.048
T1 vs. T2 p = 0.01



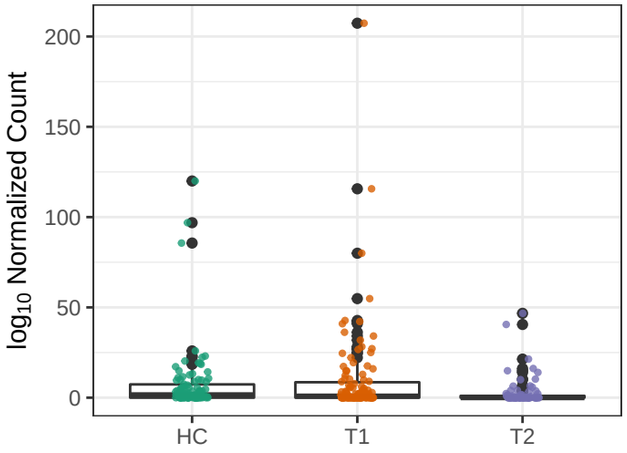
THISYN−PWY: superpathway of thiami

HC vs. T1 p = 0.44
HC vs. T2 p = 0.048
T1 vs. T2 p = 0.01



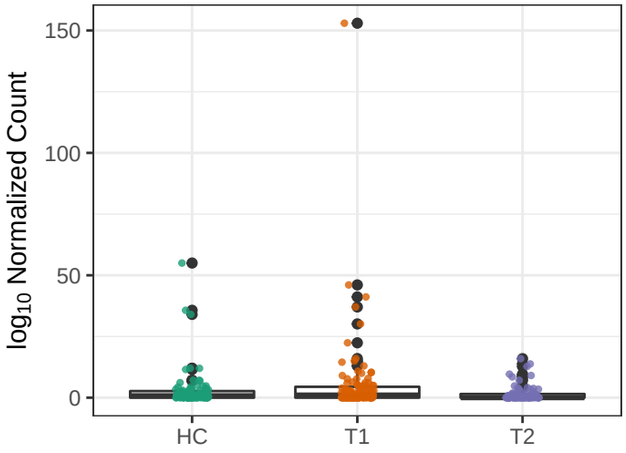
GLYCOLYSIS−TCA−GLYOX−BYPASS:

HC vs. T1 p = 0.56
HC vs. T2 p = 0.07
T1 vs. T2 p = 0.01



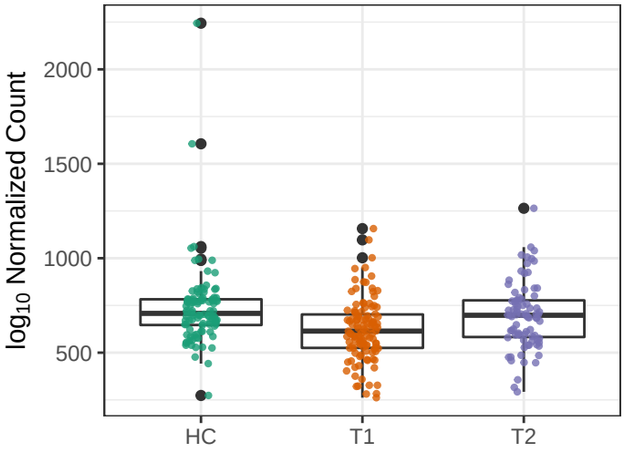
POLYISOPRENSYN−PWY: polyisopre

HC vs. T1 p = 0.27
HC vs. T2 p = 0.22
T1 vs. T2 p = 0.01



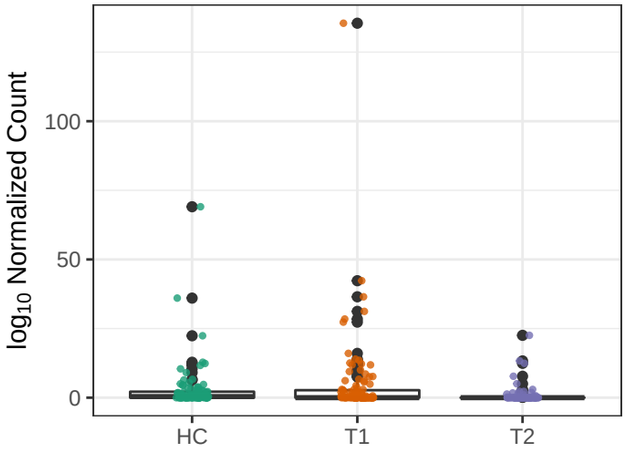
PWY−6386: UDP−N−acetylmuramoyl-

HC vs. T1 p = 0.00014
HC vs. T2 p = 0.27
T1 vs. T2 p = 0.01



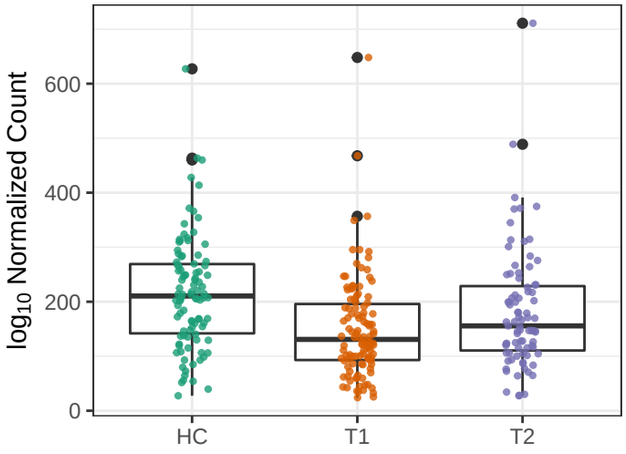
PWY−6803: phosphatidylcholine acyl e

HC vs. T1 p = 0.43
HC vs. T2 p = 0.1
T1 vs. T2 p = 0.01



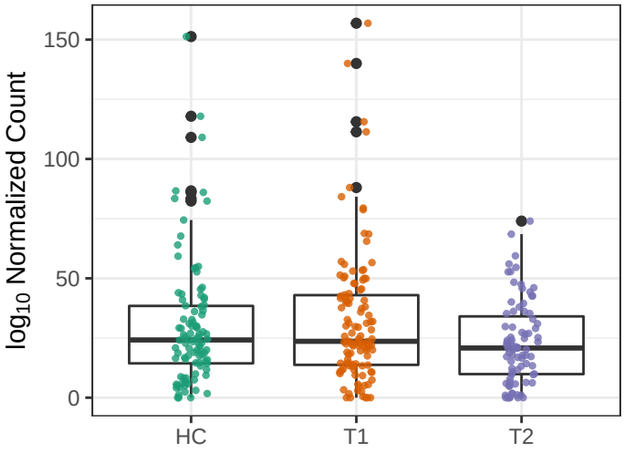
THISYNARA−PWY: superpathway of tl

HC vs. T1 p = 1.6e−05
HC vs. T2 p = 0.1
T1 vs. T2 p = 0.01



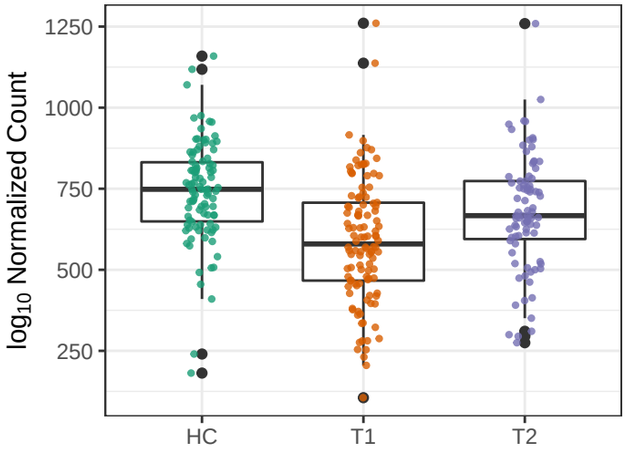
PWY−6901: superpathway of glucose a

HC vs. T1 p = 0.65
HC vs. T2 p = 0.1
T1 vs. T2 p = 0.011



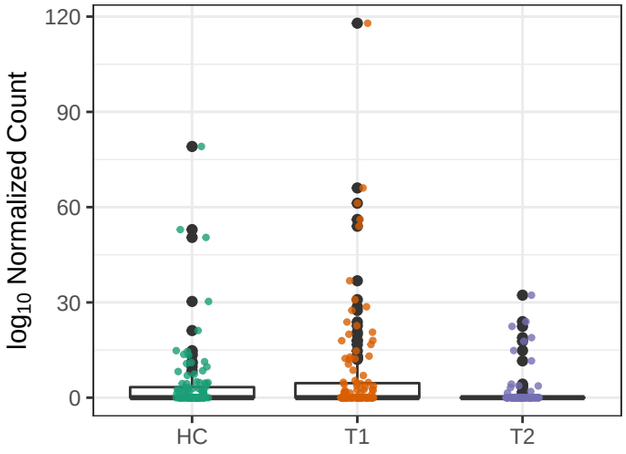
PWY−6737: starch degradation V

HC vs. T1 p = 1.4e−08
HC vs. T2 p = 0.044
T1 vs. T2 p = 0.012



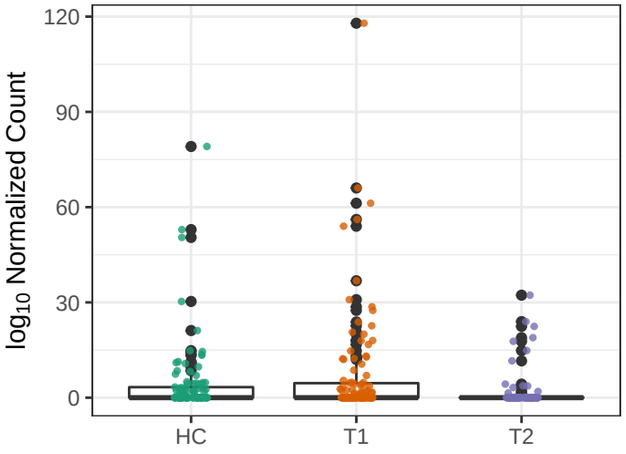
PWY−5860: superpathway of demethyl

HC vs. T1 p = 0.33
HC vs. T2 p = 0.13
T1 vs. T2 p = 0.012



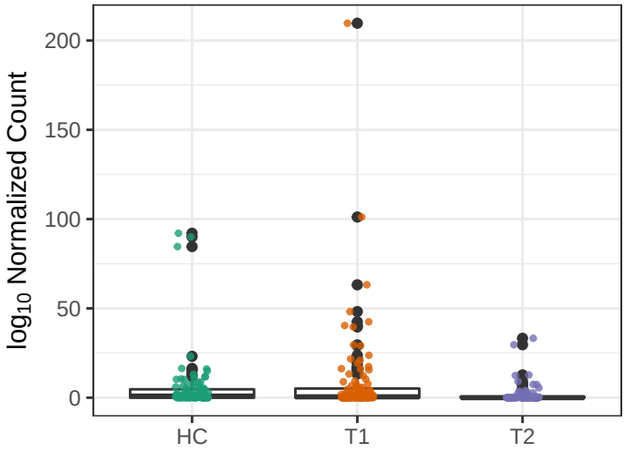
PWY−5862: superpathway of demethyl

HC vs. T1 p = 0.33
HC vs. T2 p = 0.13
T1 vs. T2 p = 0.012



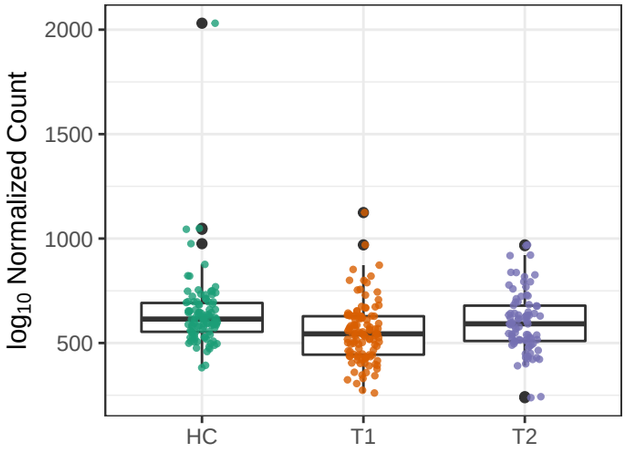
TCA−GLYOX−BYPASS: superpathway

HC vs. T1 p = 0.51
HC vs. T2 p = 0.078
T1 vs. T2 p = 0.012



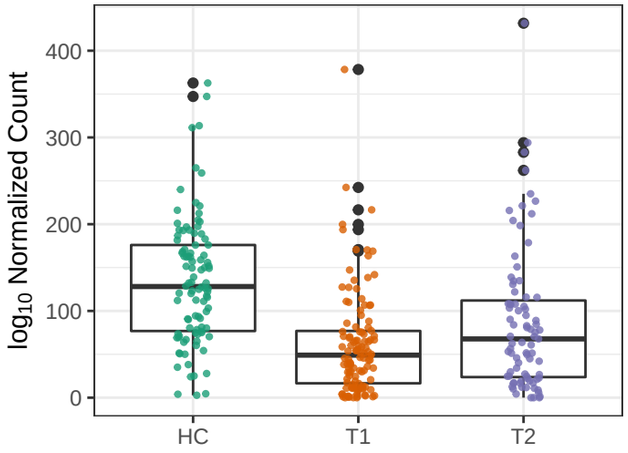
PWY−6121: 5−aminoimidazole ribonu

HC vs. T1 p = 0.00044
HC vs. T2 p = 0.19
T1 vs. T2 p = 0.012



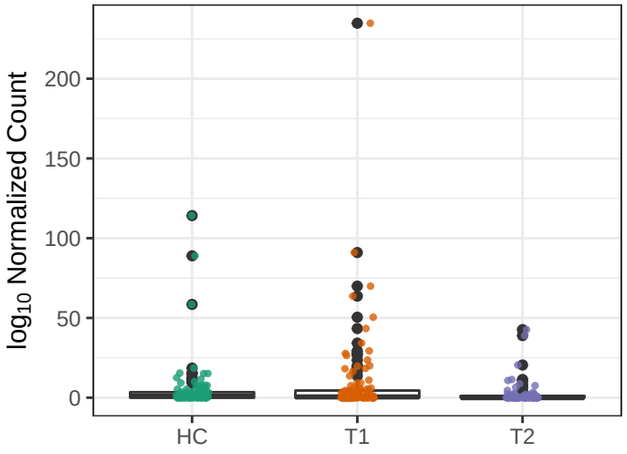
PWY−5177: glutaryl−CoA degradation

HC vs. T1 p = 1.8e−11
HC vs. T2 p = 0.0013
T1 vs. T2 p = 0.012



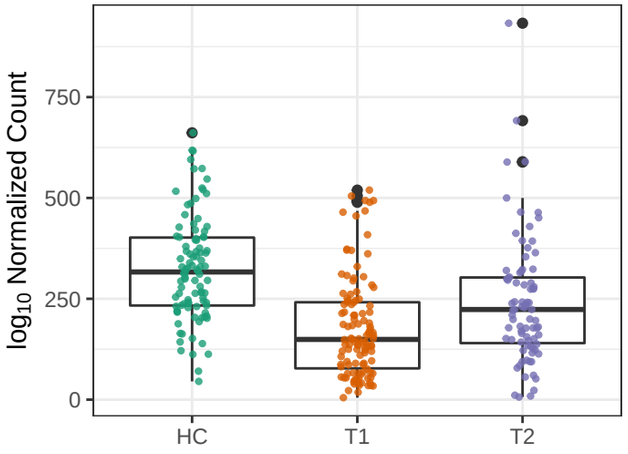
PWY−5083: NAD/NADH phosphorylati

HC vs. T1 p = 0.4
HC vs. T2 p = 0.19
T1 vs. T2 p = 0.013



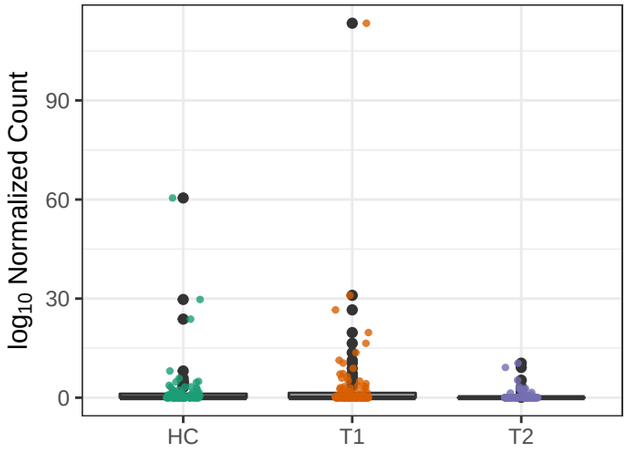
PWY−621: sucrose degradation III (suc

HC vs. T1 p = 1.3e−12
HC vs. T2 p = 0.0027
T1 vs. T2 p = 0.013



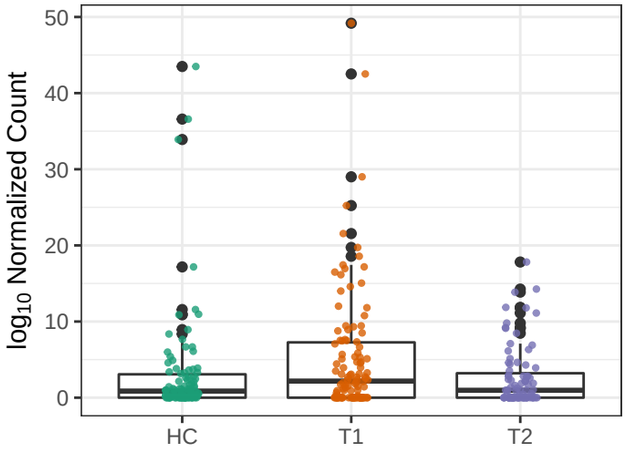
UBISYN−PWY: superpathway of ubiquin

HC vs. T1 p = 0.56
HC vs. T2 p = 0.14
T1 vs. T2 p = 0.013



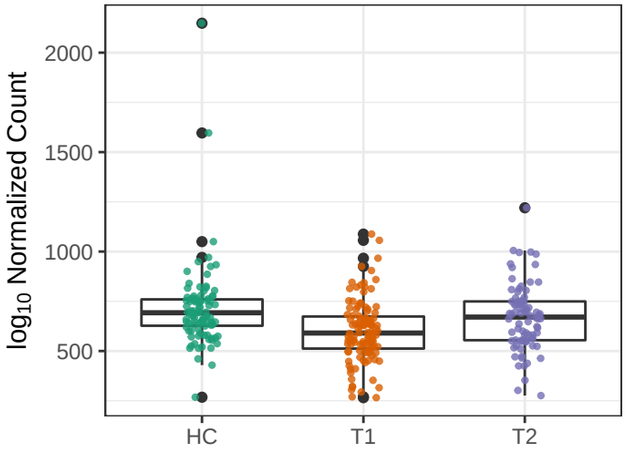
PWY−7328: superpathway of UDP−gluc

HC vs. T1 p = 0.093
HC vs. T2 p = 0.68
T1 vs. T2 p = 0.014



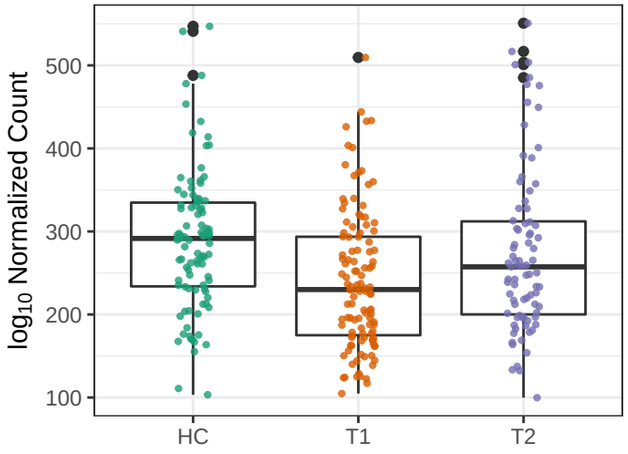
PWY−6387: UDP−N−acetylmuramoyl·

HC vs. T1 p = 0.00011
HC vs. T2 p = 0.19
T1 vs. T2 p = 0.014



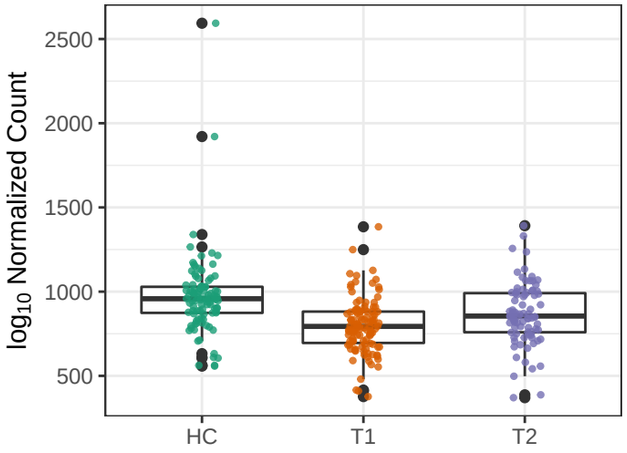
PWY−6609: adenine and adenosine sa

HC vs. T1 p = 0.00027
HC vs. T2 p = 0.45
T1 vs. T2 p = 0.014



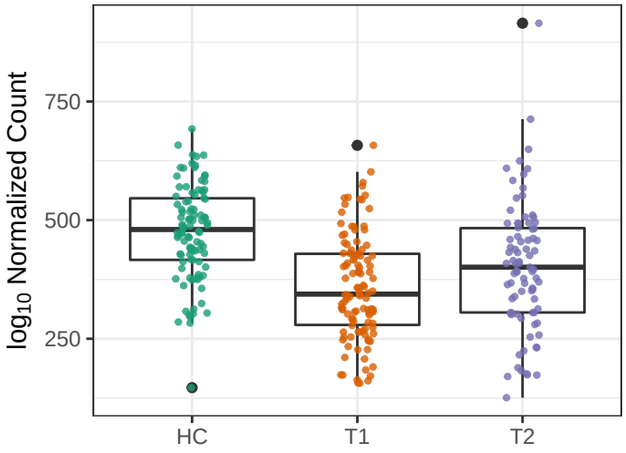
PWY−7219: adenosine ribonucleotide

HC vs. T1 p = 1.8e−07
HC vs. T2 p = 0.015
T1 vs. T2 p = 0.015



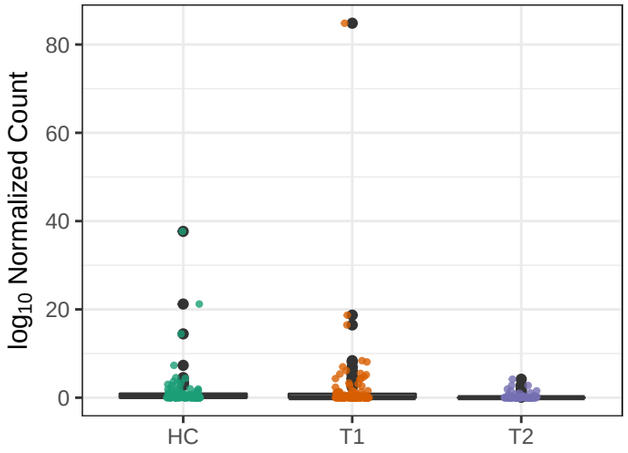
CALVIN−PWY: Calvin−Benson−Bassha

HC vs. T1 p = 3e−12
HC vs. T2 p = 0.0018
T1 vs. T2 p = 0.016



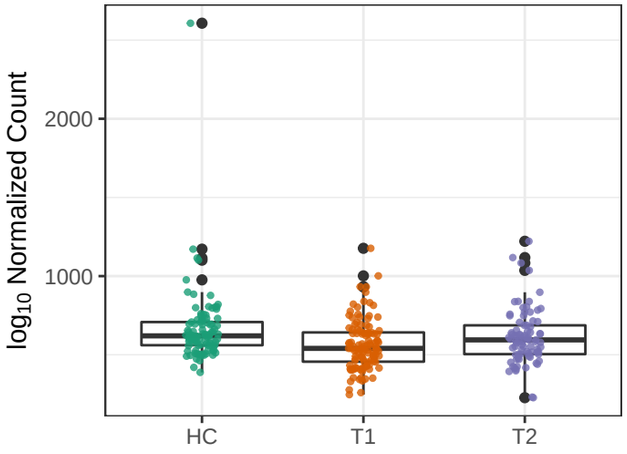
PWY−5705: allantoin degradation to gly

HC vs. T1 p = 0.69
HC vs. T2 p = 0.056
T1 vs. T2 p = 0.016



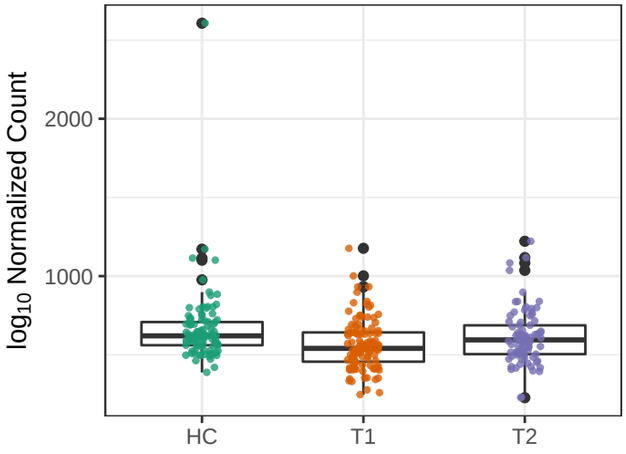
PWY−6122: 5−aminoimidazole ribonu

HC vs. T1 p = 0.0023
HC vs. T2 p = 0.19
T1 vs. T2 p = 0.016



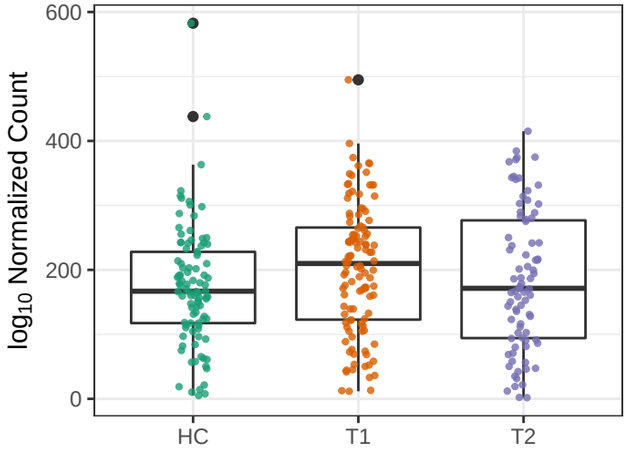
PWY−6277: superpathway of 5−amino

HC vs. T1 p = 0.0023
HC vs. T2 p = 0.19
T1 vs. T2 p = 0.016



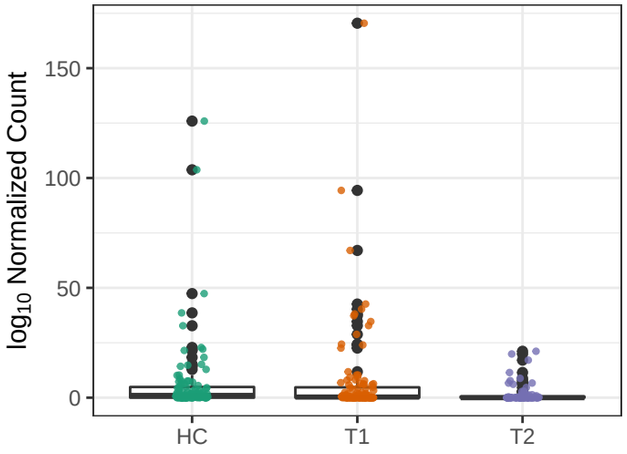
PWY−5973: cis−vaccenate biosynthesi

HC vs. T1 p = 0.07
HC vs. T2 p = 0.67
T1 vs. T2 p = 0.016



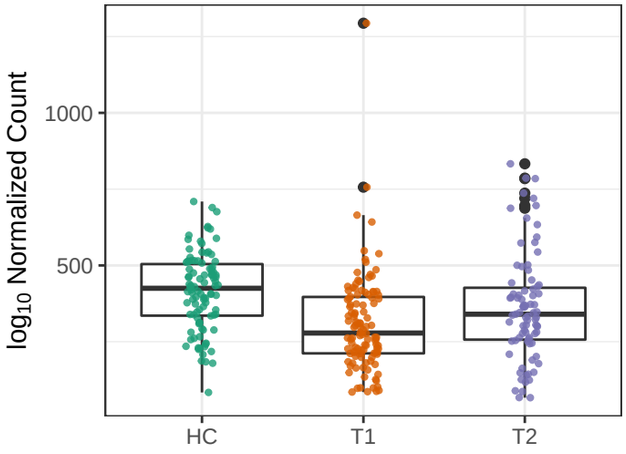
GLUCOSE1PMETAB−PWY: glucose a

HC vs. T1 p = 0.85
HC vs. T2 p = 0.04
T1 vs. T2 p = 0.017



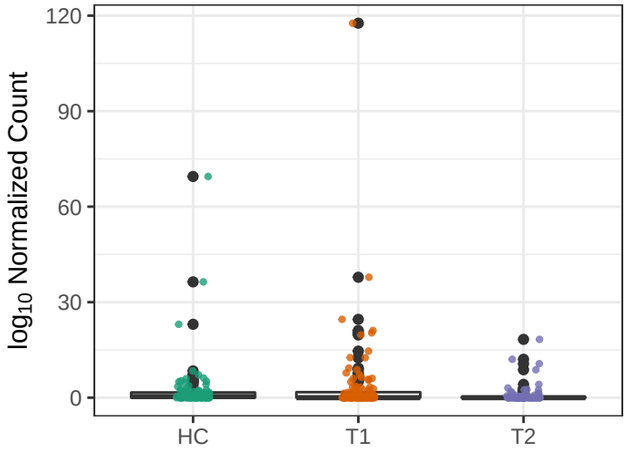
NONOXIPENT−PWY: pentose phospl

HC vs. T1 p = 1.7e−06
HC vs. T2 p = 0.075
T1 vs. T2 p = 0.017



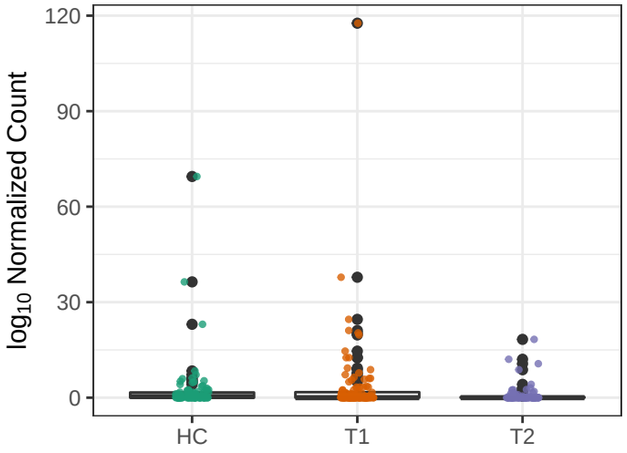
PWY−5855: ubiquinol−7 biosynthesis (

HC vs. T1 p = 0.56
HC vs. T2 p = 0.19
T1 vs. T2 p = 0.017



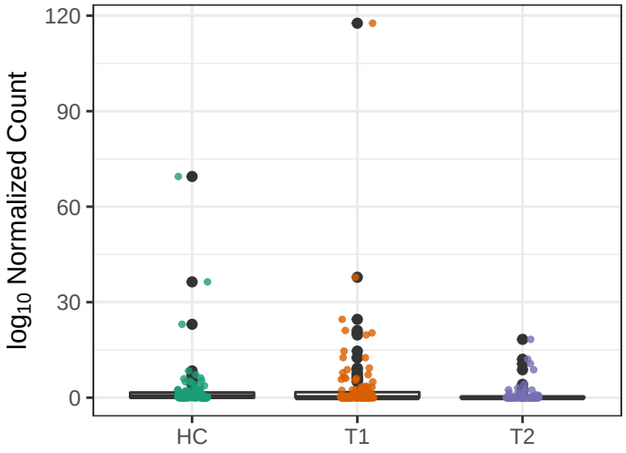
PWY−5856: ubiquinol−9 biosynthesis (

HC vs. T1 p = 0.56
HC vs. T2 p = 0.19
T1 vs. T2 p = 0.017



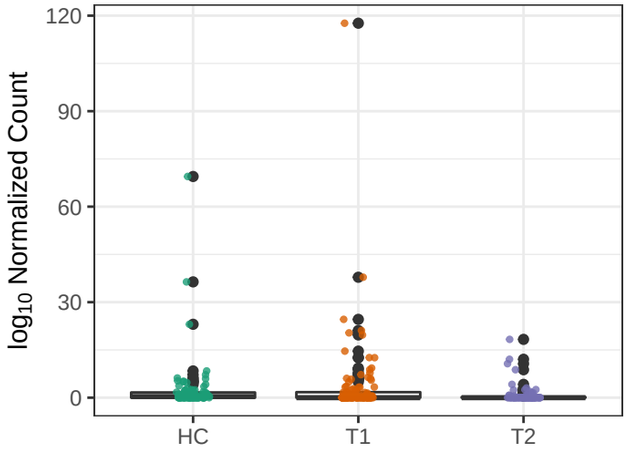
PWY−5857: ubiquinol−10 biosynthesis

HC vs. T1 p = 0.56
HC vs. T2 p = 0.19
T1 vs. T2 p = 0.017



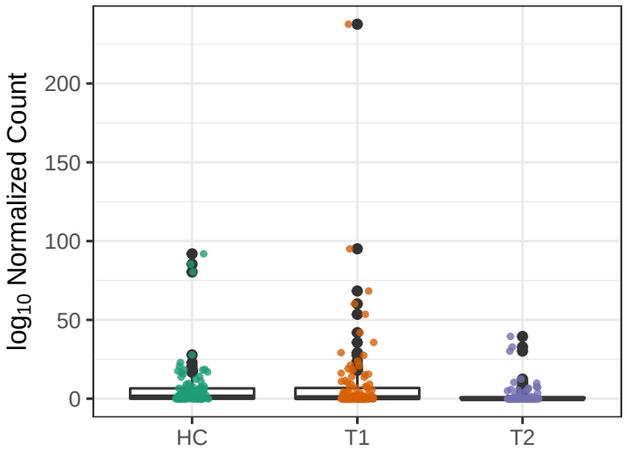
PWY−6708: ubiquinol−8 biosynthesis (

HC vs. T1 p = 0.56
HC vs. T2 p = 0.19
T1 vs. T2 p = 0.017



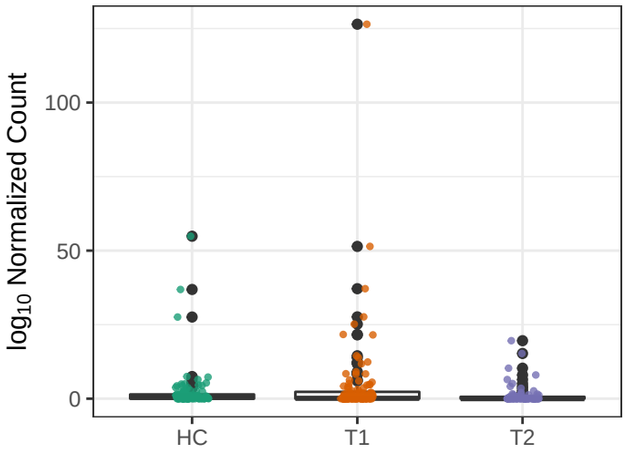
P105−PWY: TCA cycle IV (2−oxoglutar

HC vs. T1 p = 0.58
HC vs. T2 p = 0.063
T1 vs. T2 p = 0.017



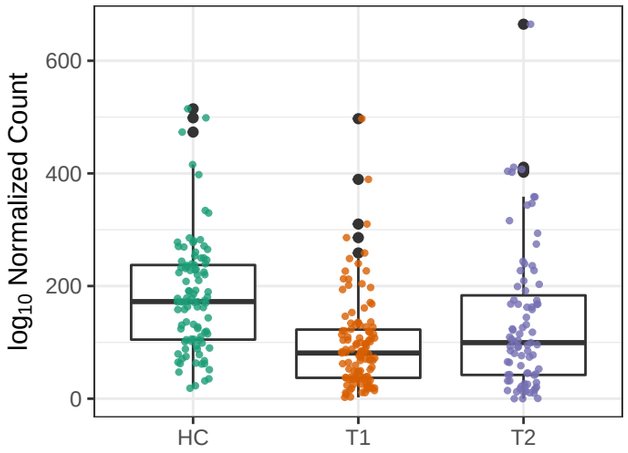
PWY0−1241: ADP−L−glycero−β−

HC vs. T1 p = 0.3
HC vs. T2 p = 0.22
T1 vs. T2 p = 0.018



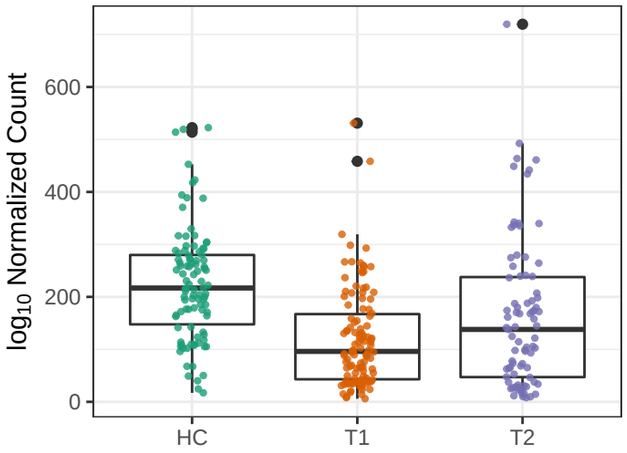
GALACTUROCAT−PWY: D−galacturon

HC vs. T1 p = 3.2e−09
HC vs. T2 p = 0.041
T1 vs. T2 p = 0.019



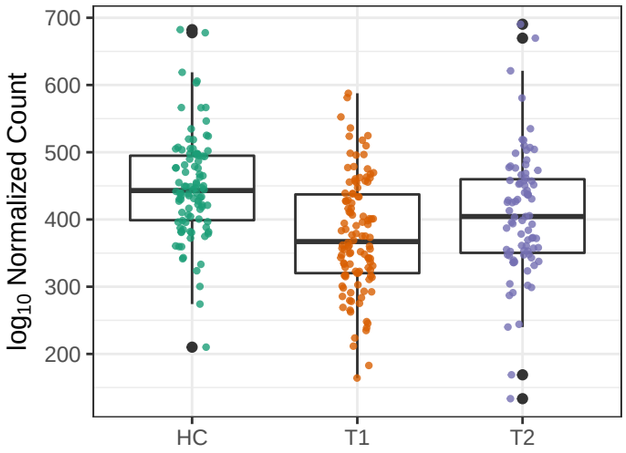
PWY−7242: D−fructuronate degradatic

HC vs. T1 p = 8.4e−11
HC vs. T2 p = 0.014
T1 vs. T2 p = 0.019



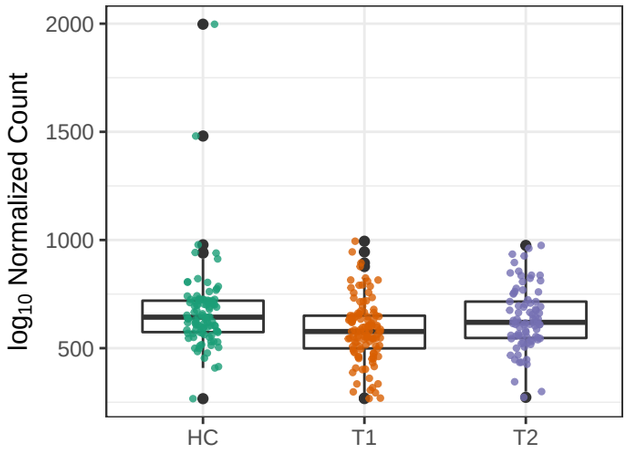
PWY−724: superpathway of L−lysine, l

HC vs. T1 p = 8.6e−09
HC vs. T2 p = 0.018
T1 vs. T2 p = 0.019



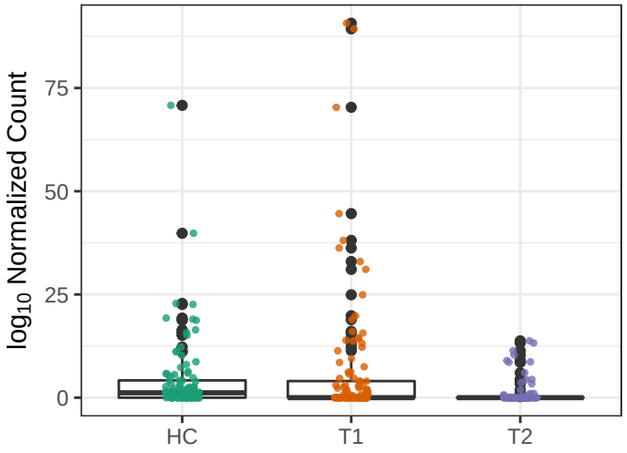
PEPTIDOGLYCANSYN−PWY: peptido

HC vs. T1 p = 0.0014
HC vs. T2 p = 0.34
T1 vs. T2 p = 0.019



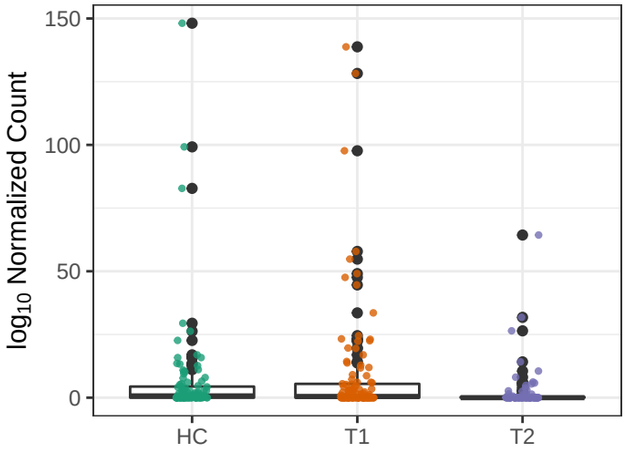
PWY−7204: pyridoxal 5'−phosphate sal

HC vs. T1 p = 0.4
HC vs. T2 p = 0.017
T1 vs. T2 p = 0.019



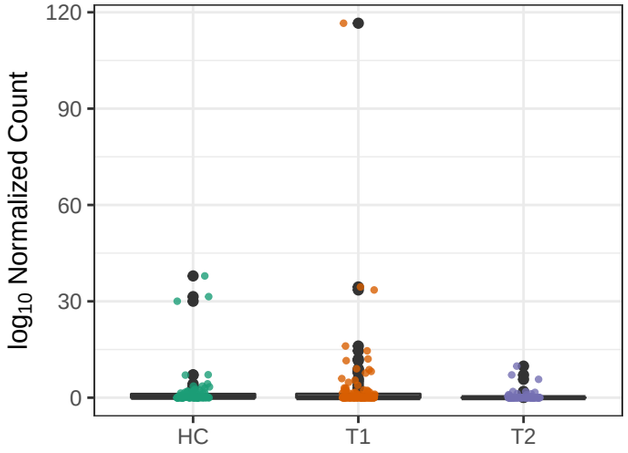
PWY−5723: Rubisco shunt

HC vs. T1 p = 0.56
HC vs. T2 p = 0.13
T1 vs. T2 p = 0.019



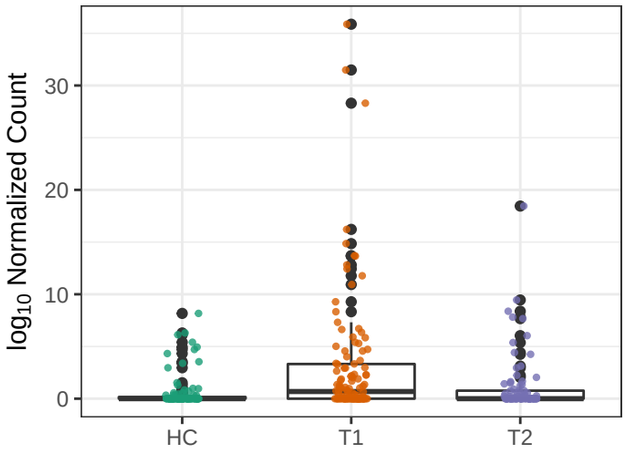
GLYCOL−GLYOXDEG−PWY: superpat

HC vs. T1 p = 0.49
HC vs. T2 p = 0.094
T1 vs. T2 p = 0.02



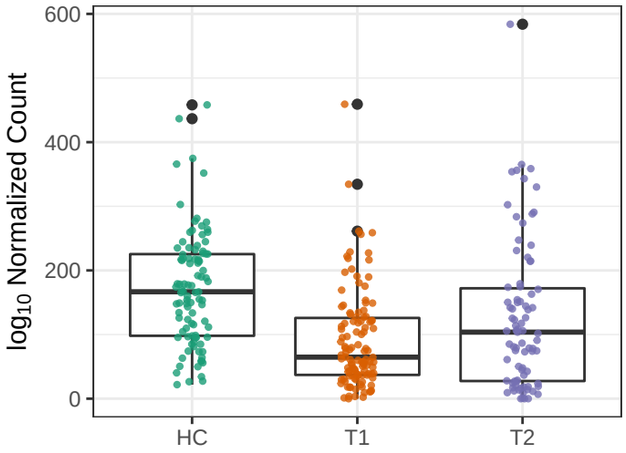
7ALPHADEHYDROX−PWY: cholate de

HC vs. T1 p = 0.00021
HC vs. T2 p = 0.2
T1 vs. T2 p = 0.02



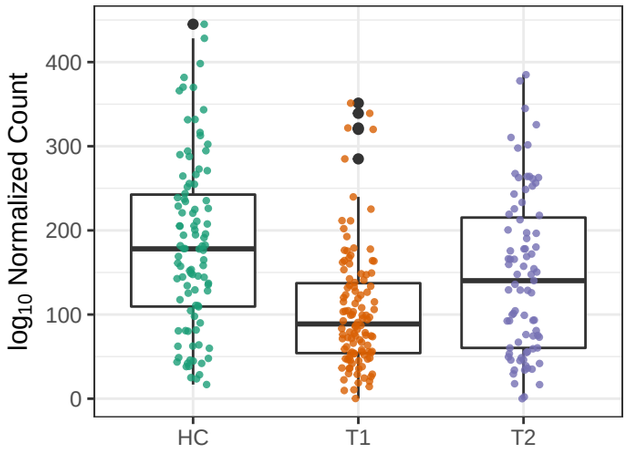
GALACT−GLUCUROCAT−PWY: super

HC vs. T1 p = 1.2e−09
HC vs. T2 p = 0.025
T1 vs. T2 p = 0.02



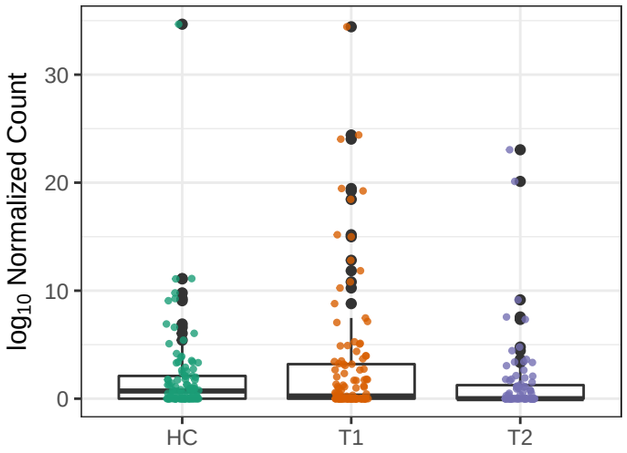
GLYCOGENSYNTH−PWY: glycogen b

HC vs. T1 p = 2.1e−08
HC vs. T2 p = 0.064
T1 vs. T2 p = 0.02



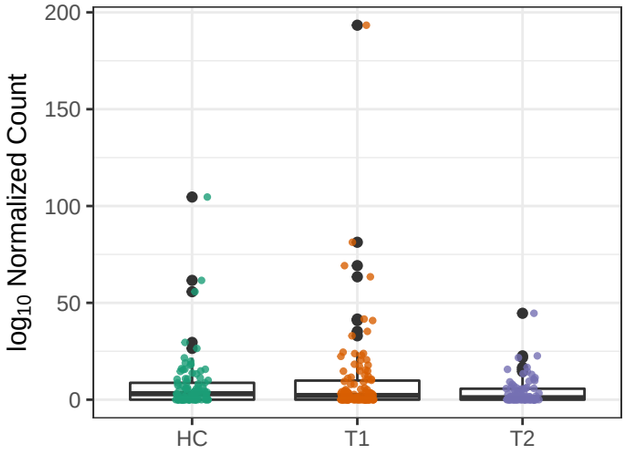
PWY0−1415: superpathway of heme bi

HC vs. T1 p = 0.26
HC vs. T2 p = 0.47
T1 vs. T2 p = 0.02



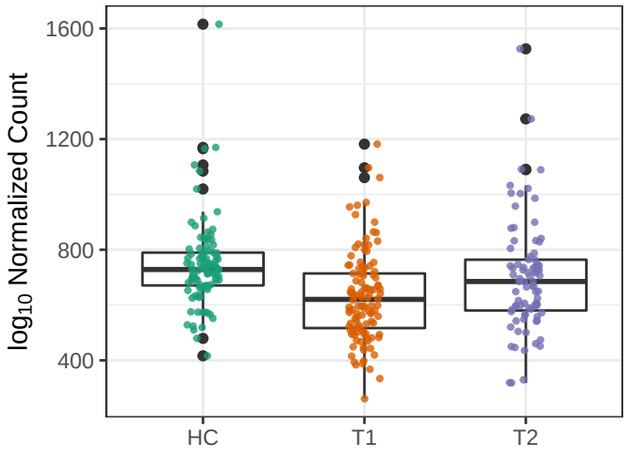
FUC−RHAMCAT−PWY: superpathway

HC vs. T1 p = 0.57
HC vs. T2 p = 0.097
T1 vs. T2 p = 0.02

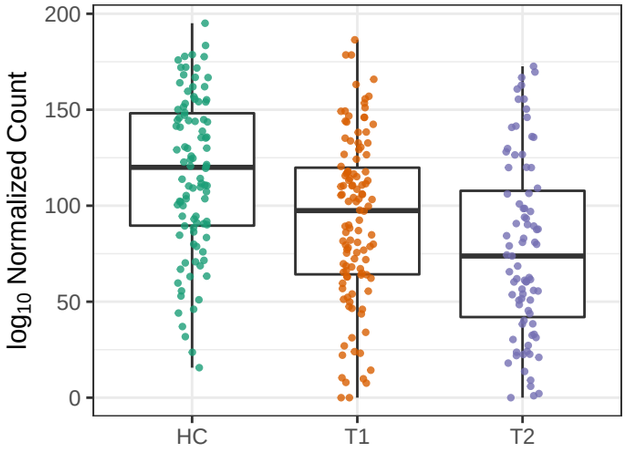


ILEUSYN−PWY: L−isoleucine biosynth

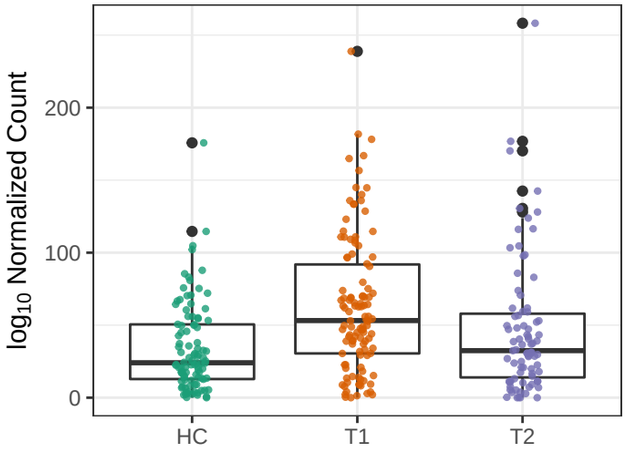
HC vs. T1 p = 3.6e−06
HC vs. T2 p = 0.19
T1 vs. T2 p = 0.02



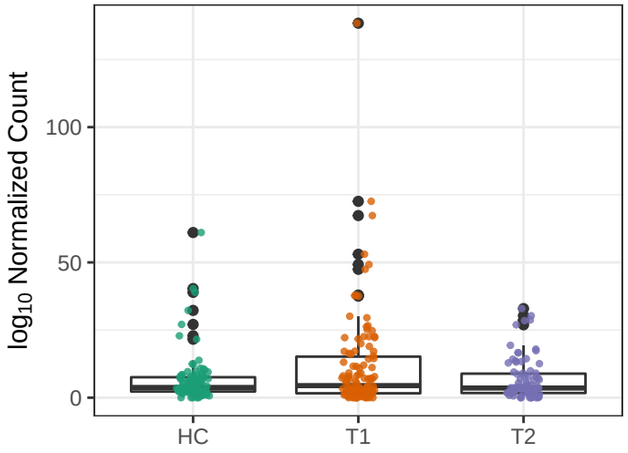
PRPP−PWY: superpathway of histidine
HC vs. T1 p = 0.00031
HC vs. T2 p = 3.1e−06
T1 vs. T2 p = 0.02



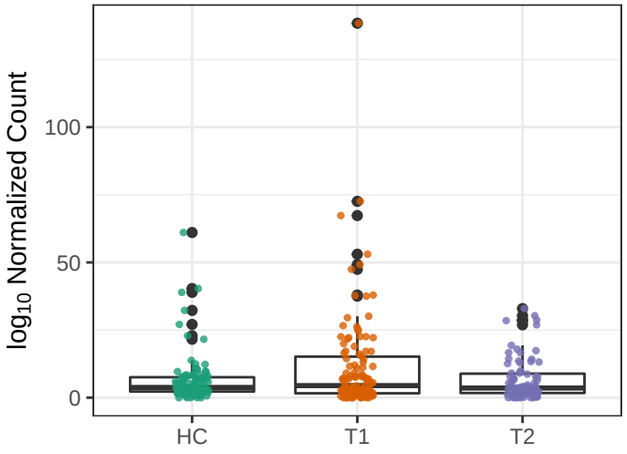
PWY−1269: CMP−3−deoxy−D−manno
HC vs. T1 p = 2.3e−06
HC vs. T2 p = 0.1
T1 vs. T2 p = 0.02



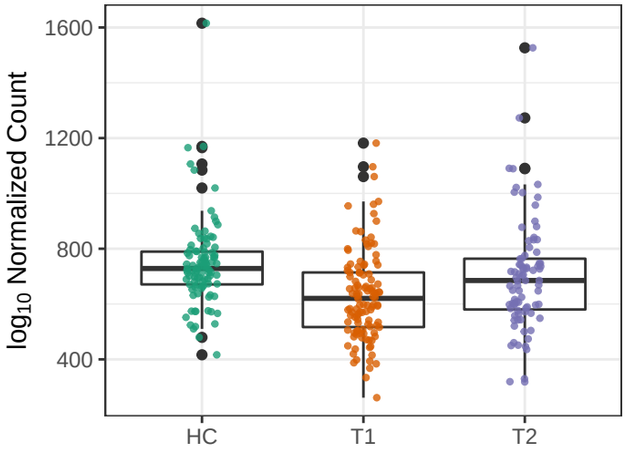
PWY−5791: 1,4−dihydroxy−2−naphtho
HC vs. T1 p = 0.032
HC vs. T2 p = 0.96
T1 vs. T2 p = 0.02



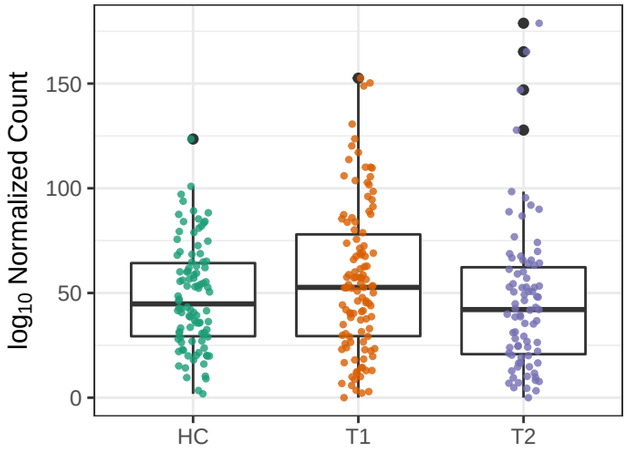
PWY−5837: 1,4−dihydroxy−2−naphtho
HC vs. T1 p = 0.032
HC vs. T2 p = 0.96
T1 vs. T2 p = 0.02



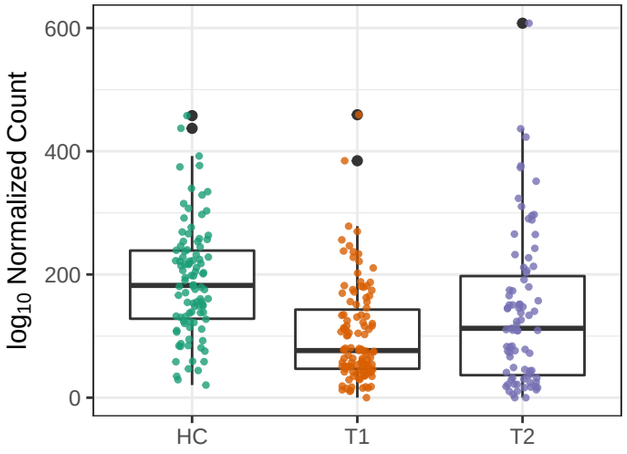
VALSYN−PWY: L−valine biosynthesis
HC vs. T1 p = 3.6e−06
HC vs. T2 p = 0.19
T1 vs. T2 p = 0.02



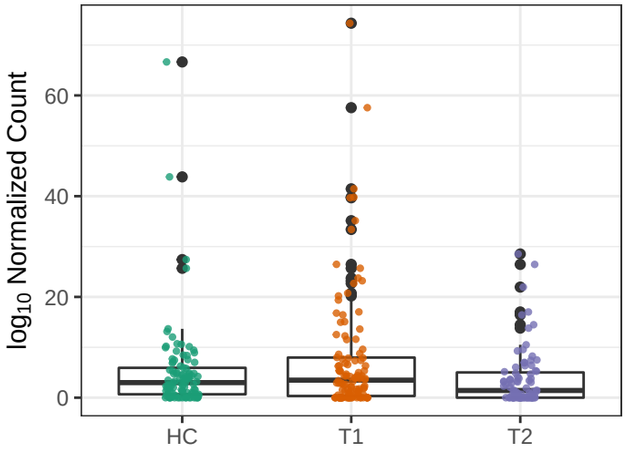
P42−PWY: incomplete reductive TCA c
HC vs. T1 p = 0.099
HC vs. T2 p = 0.76
T1 vs. T2 p = 0.021



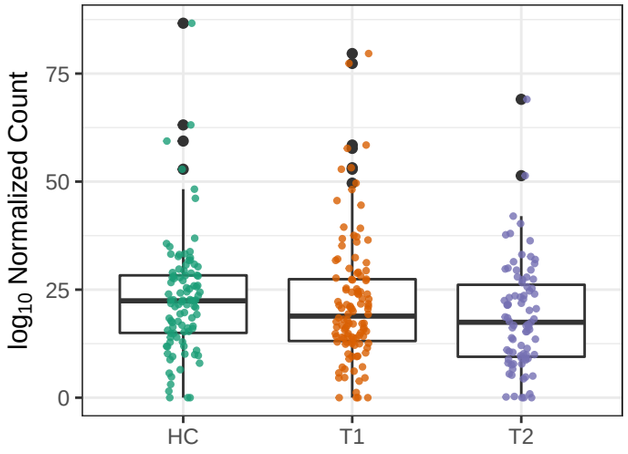
GLUCUROCAT−PWY: superpathway o
HC vs. T1 p = 1.6e−10
HC vs. T2 p = 0.016
T1 vs. T2 p = 0.021



NAGLIPASYN−PWY: lipid IVA biosynthe
HC vs. T1 p = 0.14
HC vs. T2 p = 0.34
T1 vs. T2 p = 0.022

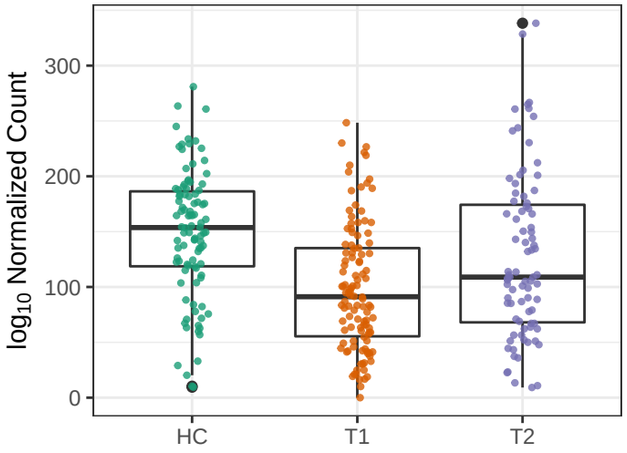


P164−PWY: purine nucleobases degrad
HC vs. T1 p = 0.7
HC vs. T2 p = 0.1
T1 vs. T2 p = 0.022



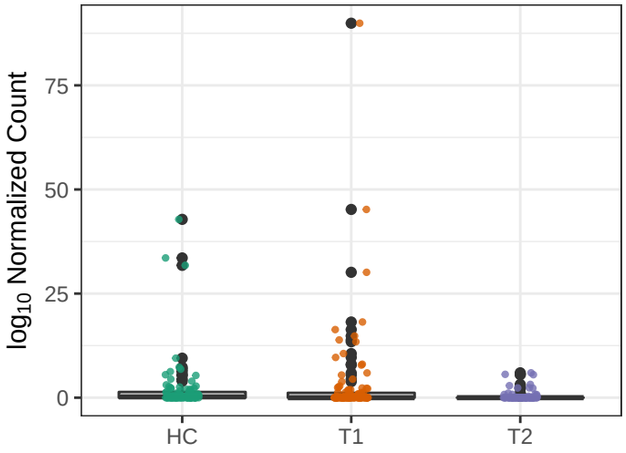
PWY−7199: pyrimidine deoxyribonucle

HC vs. T1 p = 2.1e−08
HC vs. T2 p = 0.1
T1 vs. T2 p = 0.022



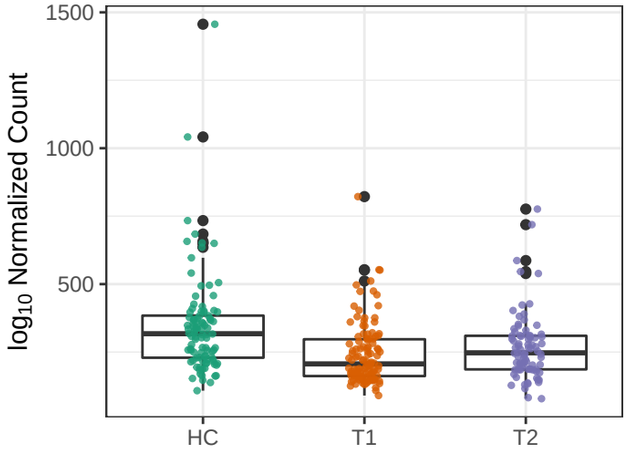
PWY−2723: trehalose degradation V

HC vs. T1 p = 0.57
HC vs. T2 p = 0.063
T1 vs. T2 p = 0.023



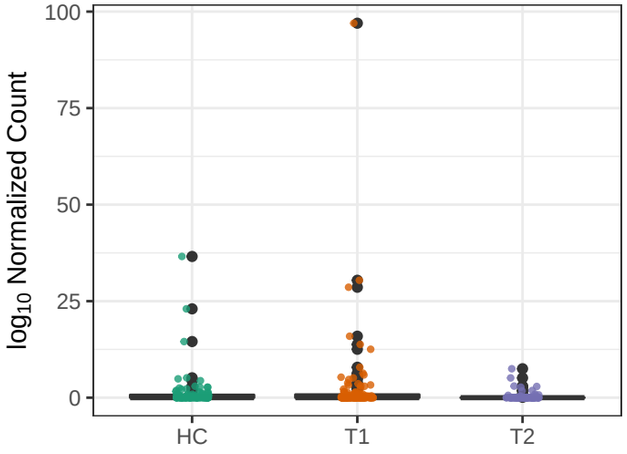
HISTSYN−PWY: L−histidine biosynthe

HC vs. T1 p = 4e−05
HC vs. T2 p = 0.014
T1 vs. T2 p = 0.024



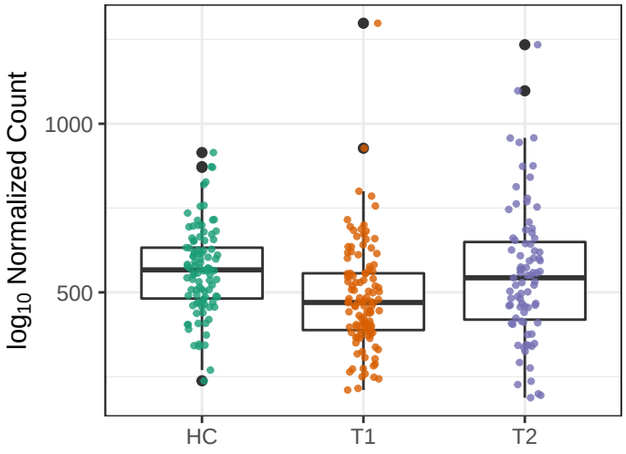
KDO−NAGLIPASYN−PWY: superpathv

HC vs. T1 p = 0.43
HC vs. T2 p = 0.12
T1 vs. T2 p = 0.024



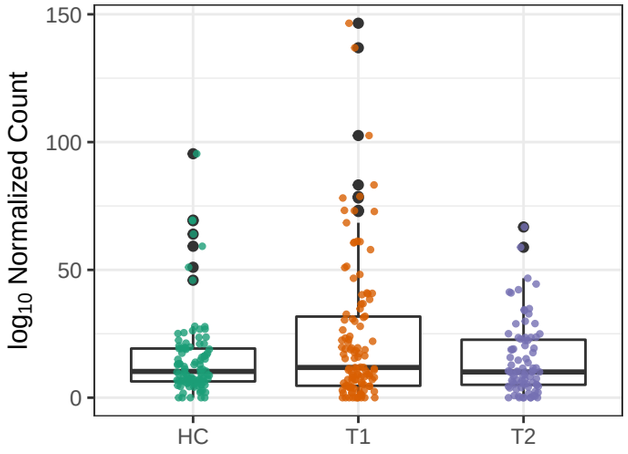
PWY−1042: glycolysis IV (plant cytosc

HC vs. T1 p = 0.00035
HC vs. T2 p = 0.74
T1 vs. T2 p = 0.024



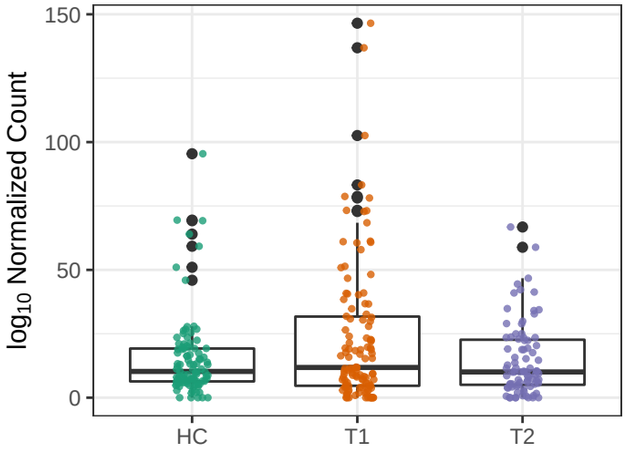
PWY−5897: superpathway of menaqui

HC vs. T1 p = 0.024
HC vs. T2 p = 0.9
T1 vs. T2 p = 0.024



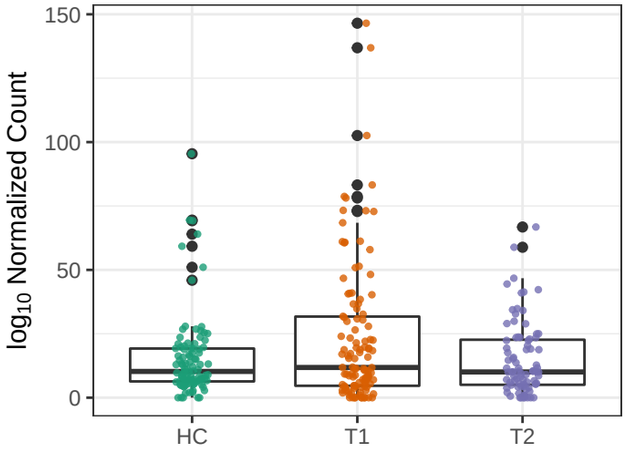
PWY−5898: superpathway of menaqui

HC vs. T1 p = 0.024
HC vs. T2 p = 0.9
T1 vs. T2 p = 0.024



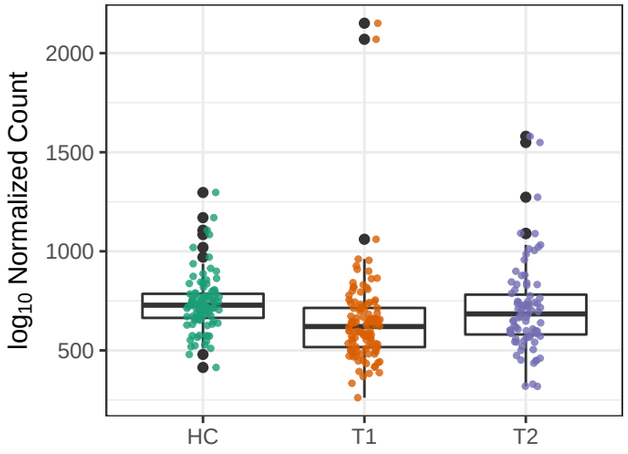
PWY−5899: superpathway of menaqui

HC vs. T1 p = 0.024
HC vs. T2 p = 0.9
T1 vs. T2 p = 0.024

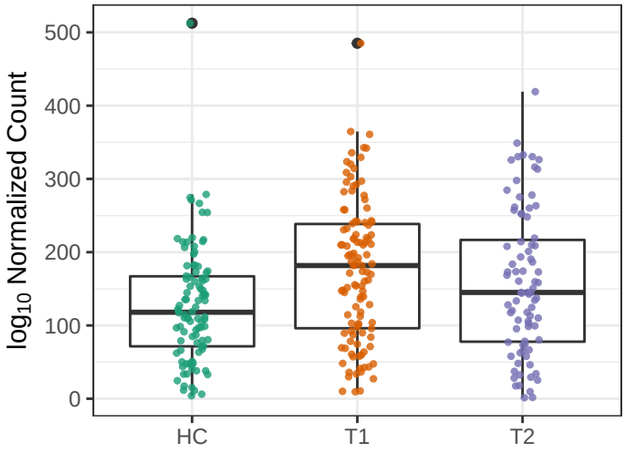


PWY−7111: pyruvate fermentation to i

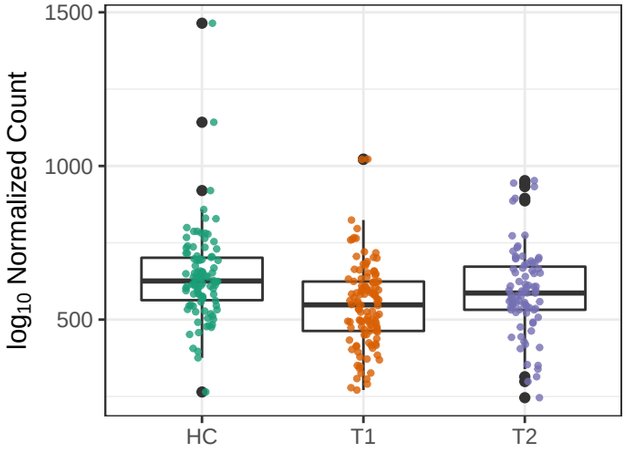
HC vs. T1 p = 0.0038
HC vs. T2 p = 0.47
T1 vs. T2 p = 0.024



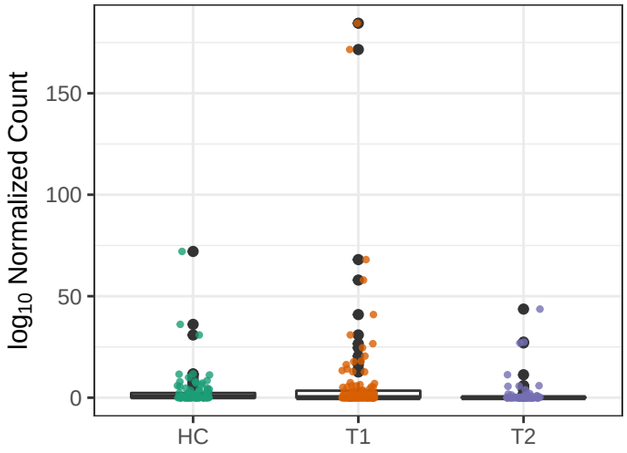
PWY−7663: gondoate biosynthesis (ar
HC vs. T1 p = 0.00031
HC vs. T2 p = 0.075
T1 vs. T2 p = 0.024



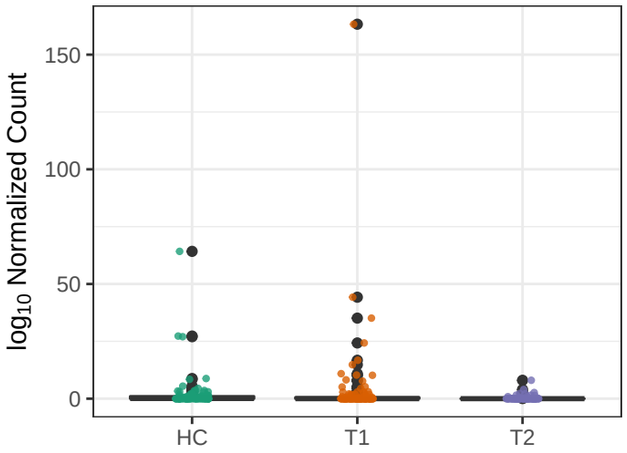
COA−PWY−1: coenzyme A biosynthe
HC vs. T1 p = 2.2e−05
HC vs. T2 p = 0.08
T1 vs. T2 p = 0.024



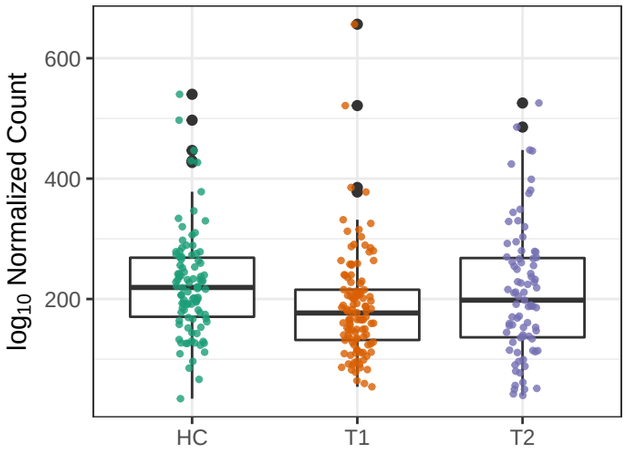
PWY−4041: γ−glutamyl cycle
HC vs. T1 p = 0.18
HC vs. T2 p = 0.35
T1 vs. T2 p = 0.027



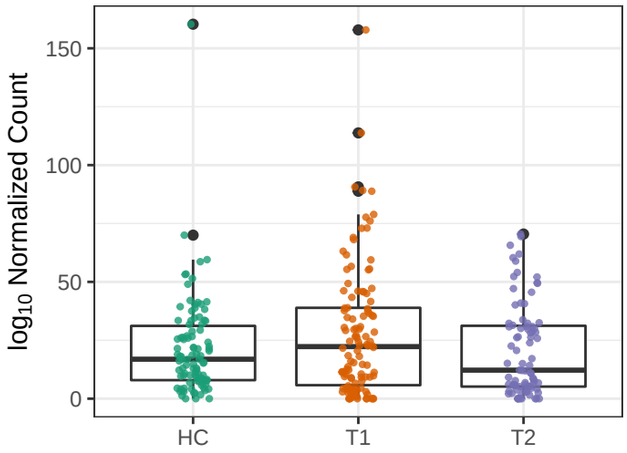
PWY−7409: phospholipid remodeling (
HC vs. T1 p = 0.53
HC vs. T2 p = 0.092
T1 vs. T2 p = 0.027



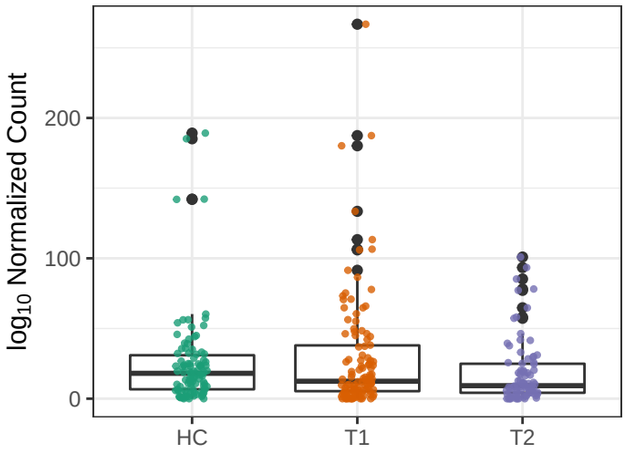
COA−PWY: coenzyme A biosynthesis
HC vs. T1 p = 0.008
HC vs. T2 p = 0.47
T1 vs. T2 p = 0.027



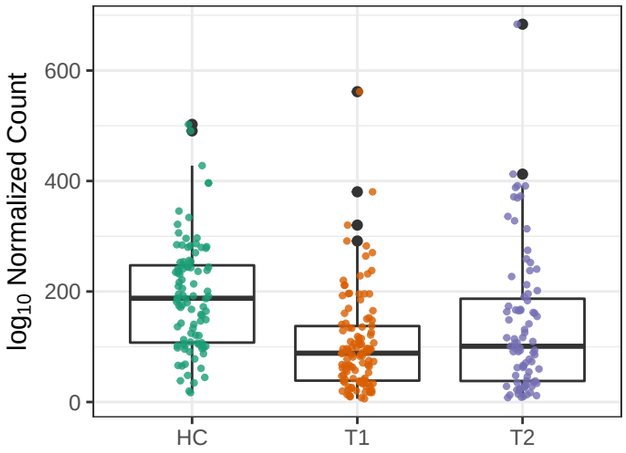
GLUCONEO−PWY: gluconeogenesis I
HC vs. T1 p = 0.13
HC vs. T2 p = 0.87
T1 vs. T2 p = 0.027



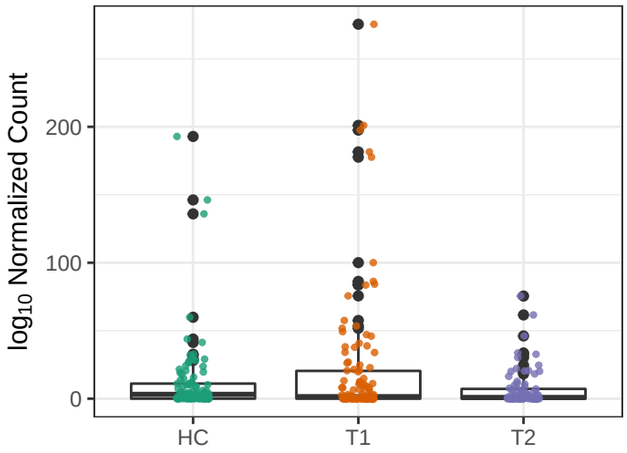
PWY−6628: superpathway of L−pheny
HC vs. T1 p = 0.56
HC vs. T2 p = 0.19
T1 vs. T2 p = 0.027



PWY−6507: 4−deoxy−L−threo−hex−4−
HC vs. T1 p = 2.3e−09
HC vs. T2 p = 0.017
T1 vs. T2 p = 0.027

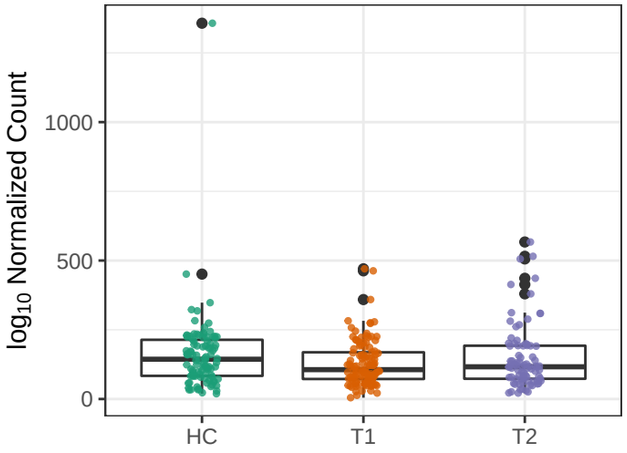


PWY−6630: superpathway of L−tyrosin
HC vs. T1 p = 0.21
HC vs. T2 p = 0.19
T1 vs. T2 p = 0.027



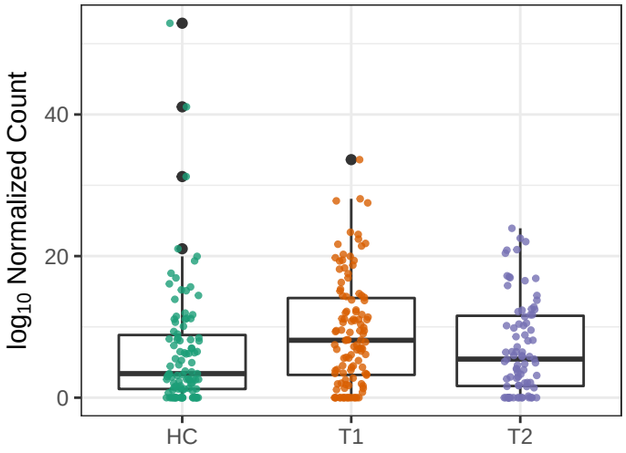
PWY0−1586: peptidoglycan maturatio

HC vs. T1 p = 0.12
HC vs. T2 p = 0.68
T1 vs. T2 p = 0.027



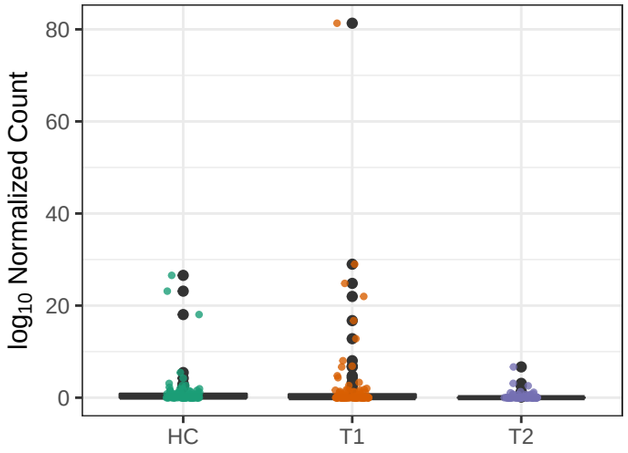
P162−PWY: L−glutamate degradation V

HC vs. T1 p = 0.039
HC vs. T2 p = 0.74
T1 vs. T2 p = 0.028



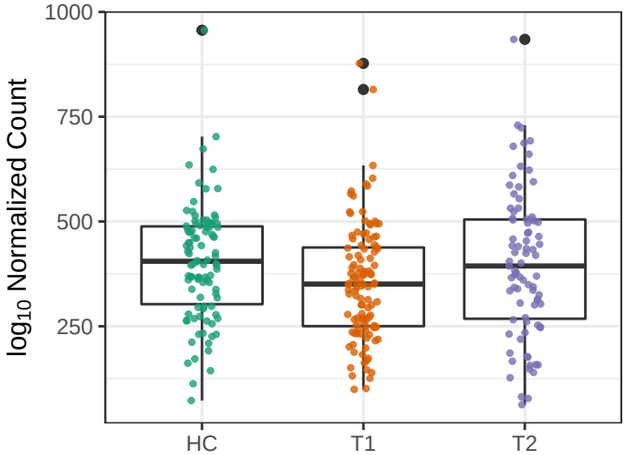
METHGLYUT−PWY: superpathway of m

HC vs. T1 p = 0.44
HC vs. T2 p = 0.07
T1 vs. T2 p = 0.03



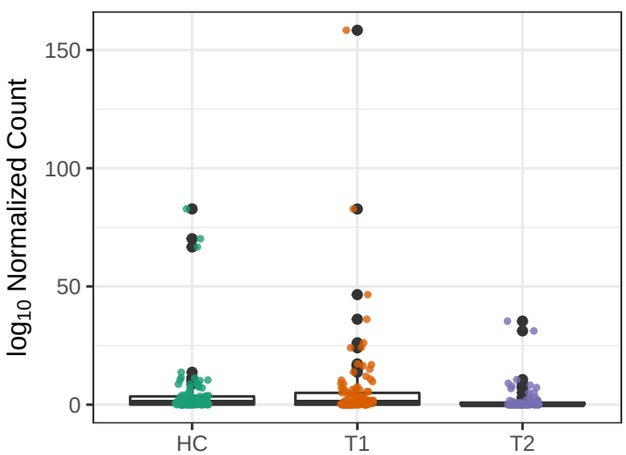
PWY−6385: peptidoglycan biosynthes

HC vs. T1 p = 0.028
HC vs. T2 p = 0.91
T1 vs. T2 p = 0.031



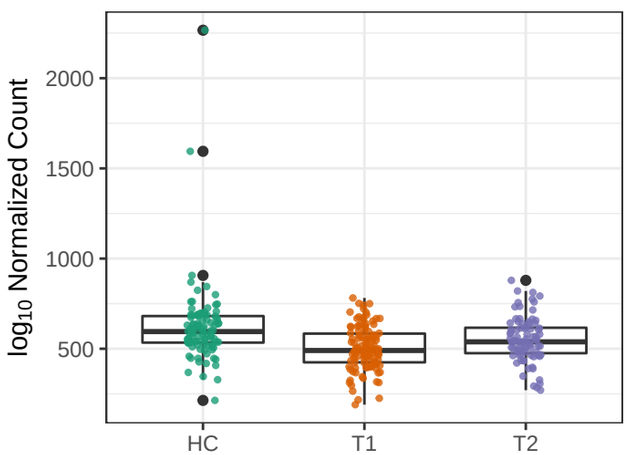
PWY−7254: TCA cycle VII (acetate−pr

HC vs. T1 p = 0.59
HC vs. T2 p = 0.14
T1 vs. T2 p = 0.034



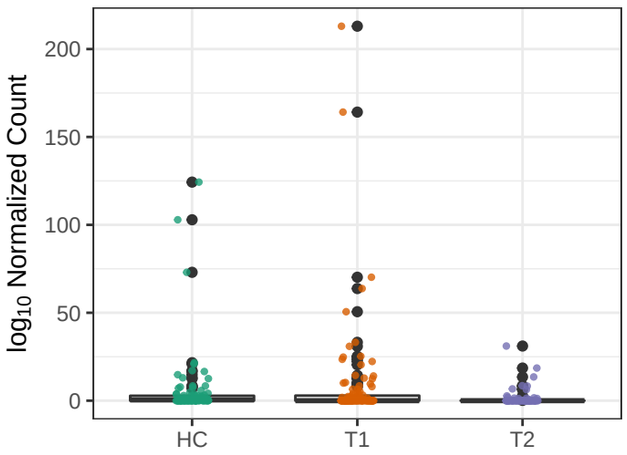
NONMEVIPP−PWY: methylerythritol p

HC vs. T1 p = 5.1e−05
HC vs. T2 p = 0.044
T1 vs. T2 p = 0.036



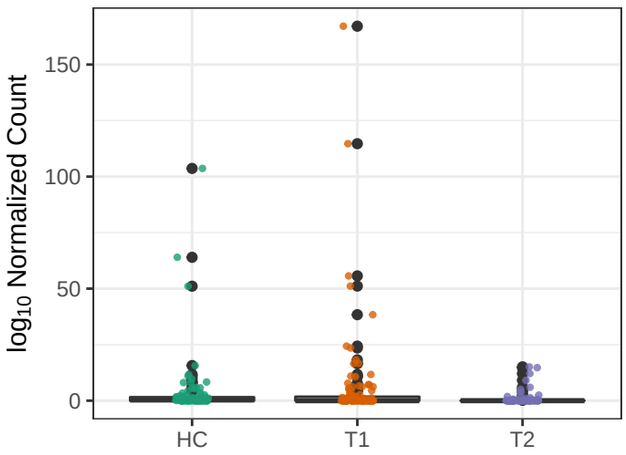
PWY−6891: thiazole biosynthesis II (Ba

HC vs. T1 p = 0.54
HC vs. T2 p = 0.094
T1 vs. T2 p = 0.038



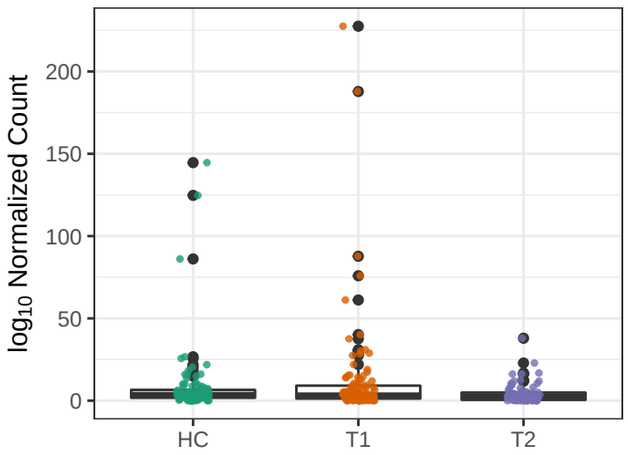
PWY−7269: NAD/NADP−NADH/NADP

HC vs. T1 p = 0.52
HC vs. T2 p = 0.11
T1 vs. T2 p = 0.039



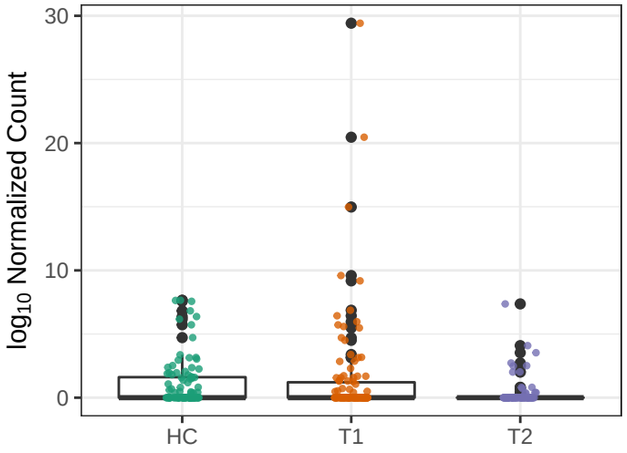
PWY−6892: thiazole biosynthesis I (E.

HC vs. T1 p = 0.53
HC vs. T2 p = 0.1
T1 vs. T2 p = 0.04



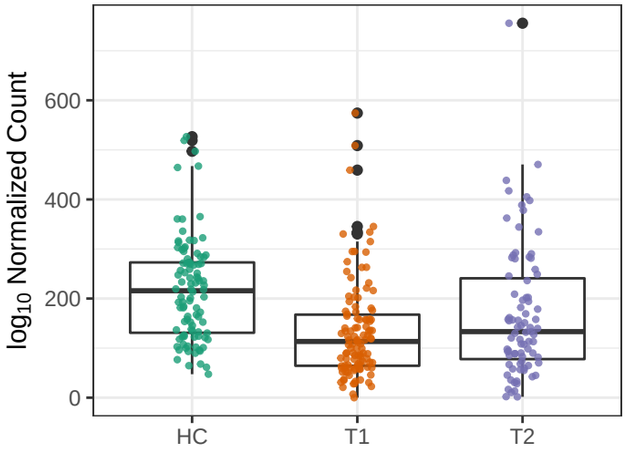
PWY−6263: superpathway of menaquin

HC vs. T1 p = 0.52
HC vs. T2 p = 0.015
T1 vs. T2 p = 0.041



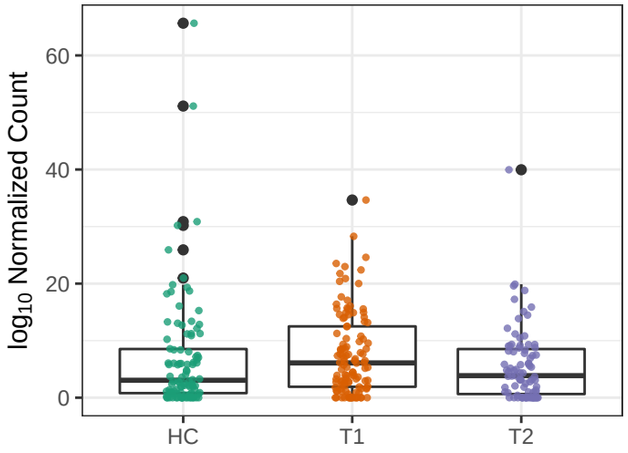
GLCMANNANAUT−PWY: superpathwa

HC vs. T1 p = 1.8e−07
HC vs. T2 p = 0.04
T1 vs. T2 p = 0.042



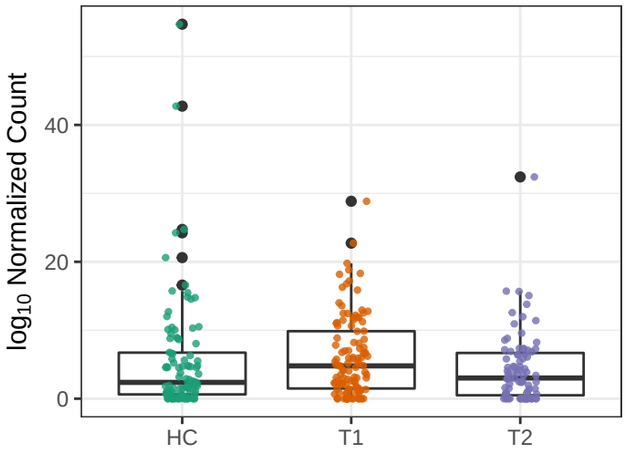
PWY−6590: superpathway of Clostridiu

HC vs. T1 p = 0.62
HC vs. T2 p = 0.4
T1 vs. T2 p = 0.043



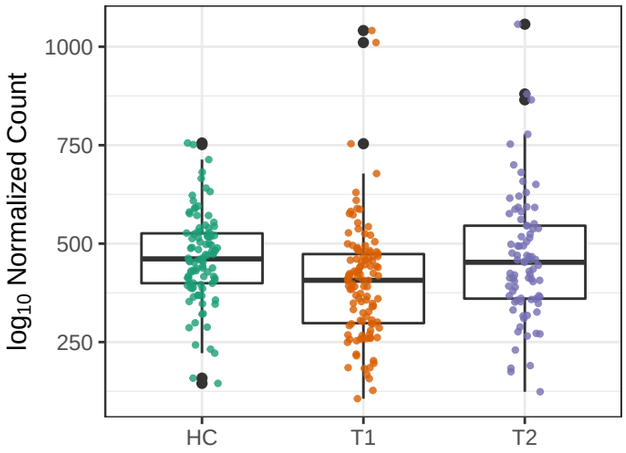
CENTFERM−PWY: pyruvate fermentati

HC vs. T1 p = 0.64
HC vs. T2 p = 0.4
T1 vs. T2 p = 0.043



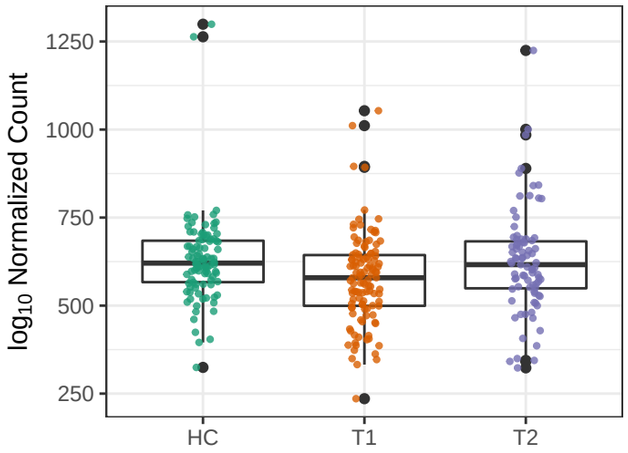
PWY0−1296: purine ribonucleosides d

HC vs. T1 p = 0.0028
HC vs. T2 p = 0.99
T1 vs. T2 p = 0.043



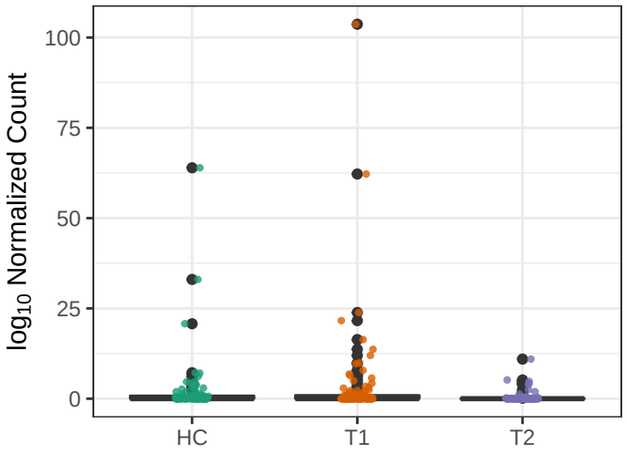
PWY−7221: guanosine ribonucleotide

HC vs. T1 p = 0.007
HC vs. T2 p = 0.88
T1 vs. T2 p = 0.045



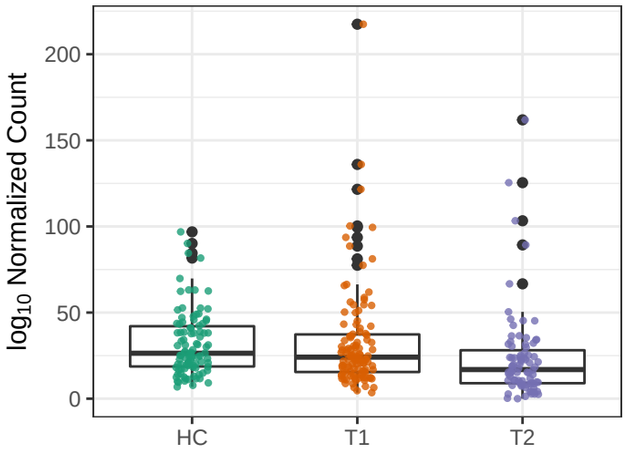
ECASYN−PWY: enterobacterial comm

HC vs. T1 p = 0.56
HC vs. T2 p = 0.13
T1 vs. T2 p = 0.045



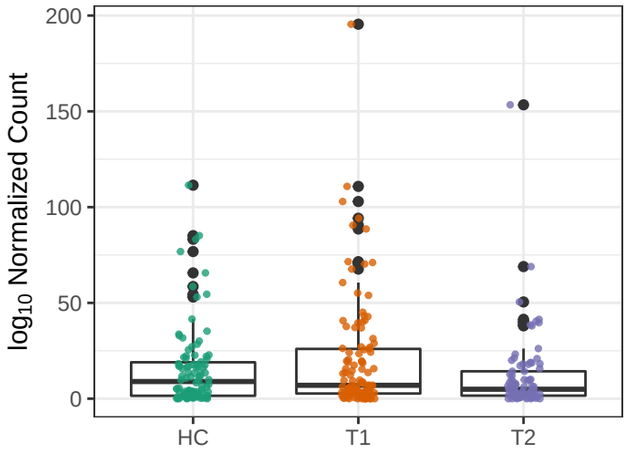
PWY−5690: TCA cycle II (plants and fu

HC vs. T1 p = 0.83
HC vs. T2 p = 0.068
T1 vs. T2 p = 0.045



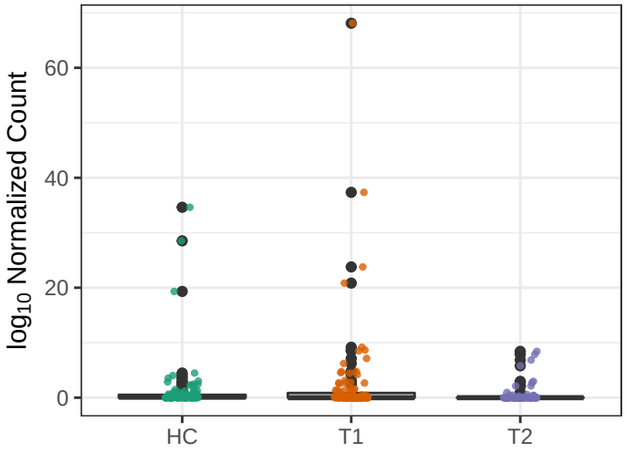
SO4ASSIM−PWY: sulfate reduction I (a

HC vs. T1 p = 0.3
HC vs. T2 p = 0.35
T1 vs. T2 p = 0.048



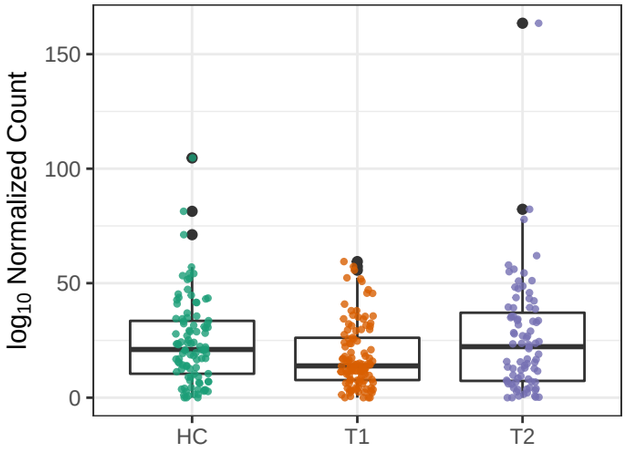
AST−PWY: L−arginine degradation II (A

HC vs. T1 p = 0.47
HC vs. T2 p = 0.22
T1 vs. T2 p = 0.049



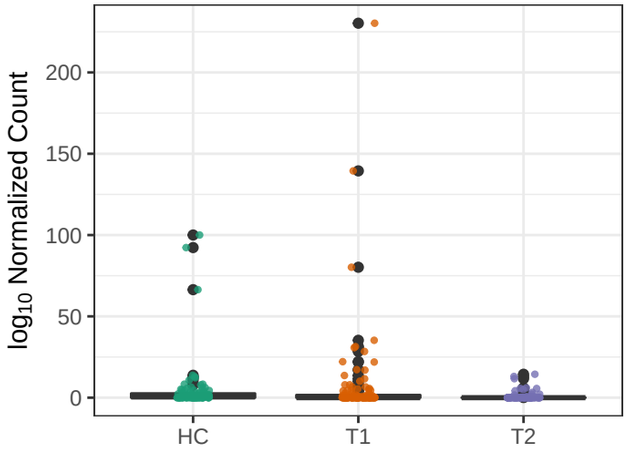
PWY−6595: superpathway of guanosin

HC vs. T1 p = 0.024
HC vs. T2 p = 0.74
T1 vs. T2 p = 0.049



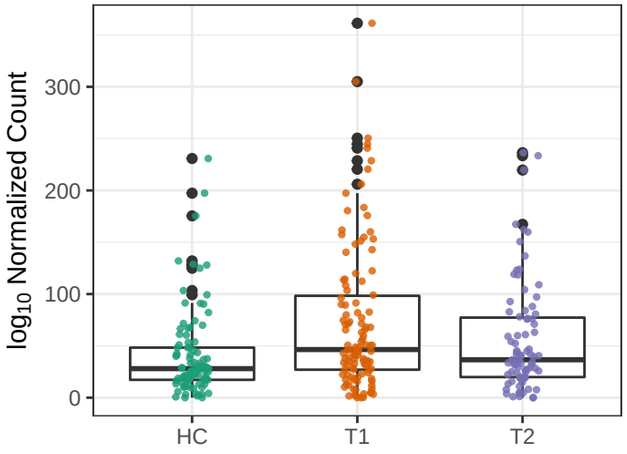
PWY−7315: dTDP−N−acetylthomosam

HC vs. T1 p = 0.53
HC vs. T2 p = 0.089
T1 vs. T2 p = 0.049



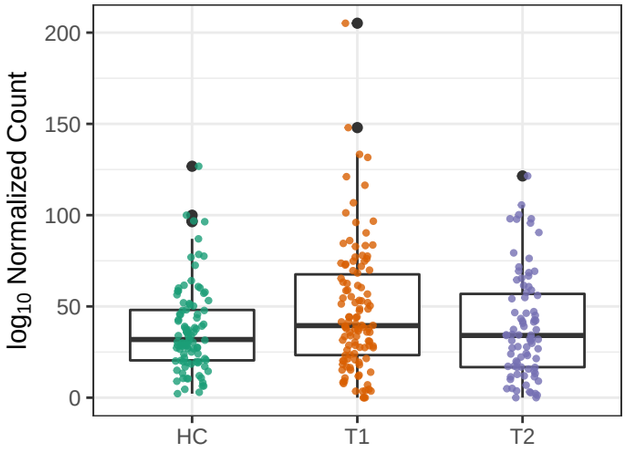
PWY66−400: glycolysis VI (metazoan)

HC vs. T1 p = 0.00035
HC vs. T2 p = 0.1
T1 vs. T2 p = 0.049



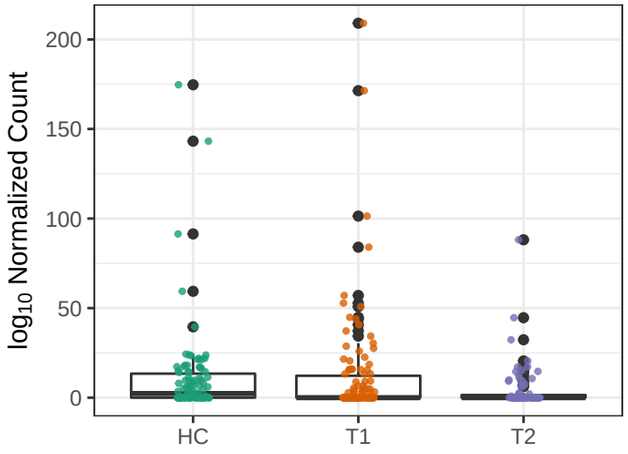
HEXITOLDEGSUPER−PWY: superpat

HC vs. T1 p = 0.028
HC vs. T2 p = 0.73
T1 vs. T2 p = 0.049



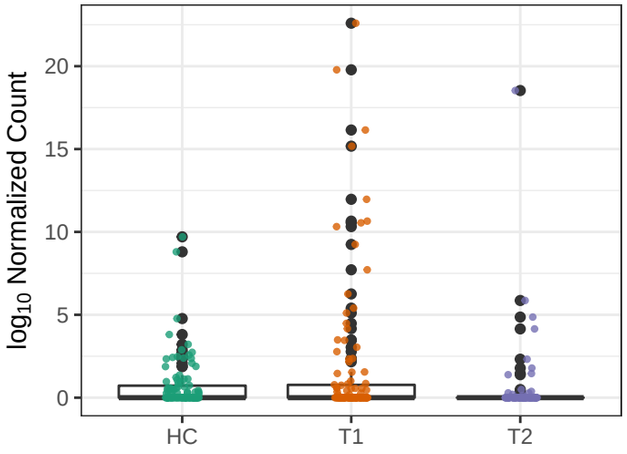
ENTBACSYN−PWY: enterobactin biosy

HC vs. T1 p = 0.84
HC vs. T2 p = 0.08
T1 vs. T2 p = 0.053



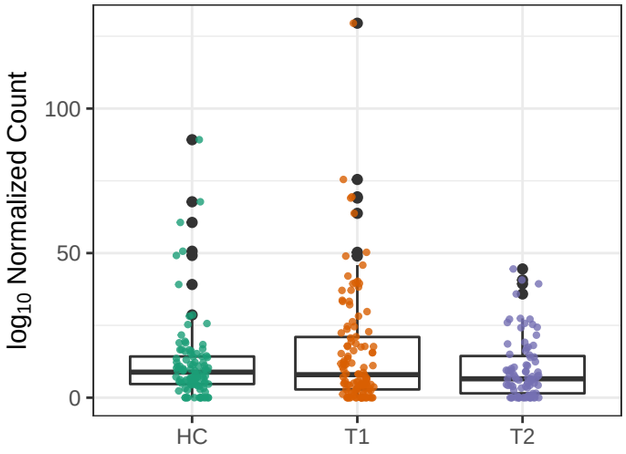
PWY−7399: methylphosphonate degrac

HC vs. T1 p = 0.056
HC vs. T2 p = 0.53
T1 vs. T2 p = 0.055



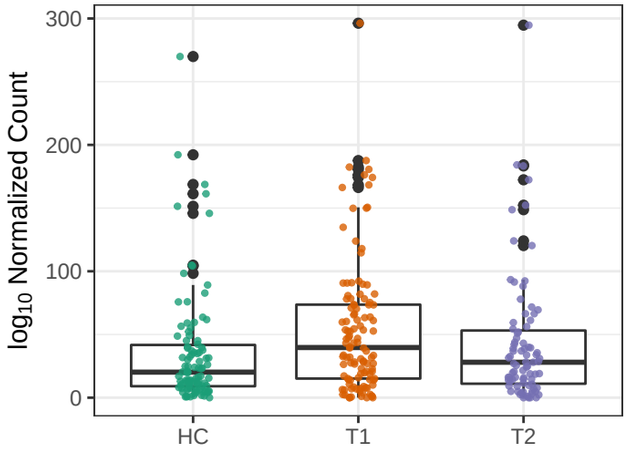
PWY−5840: superpathway of menaqui

HC vs. T1 p = 0.25
HC vs. T2 p = 0.36
T1 vs. T2 p = 0.056



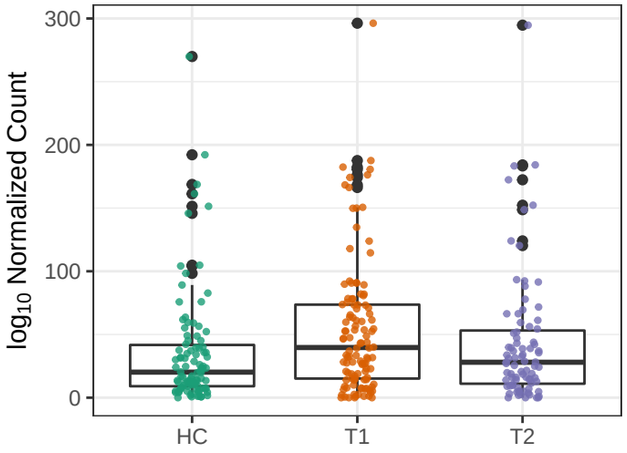
PWY4FS−7: phosphatidylglycerol biosy

HC vs. T1 p = 0.021
HC vs. T2 p = 0.45
T1 vs. T2 p = 0.057



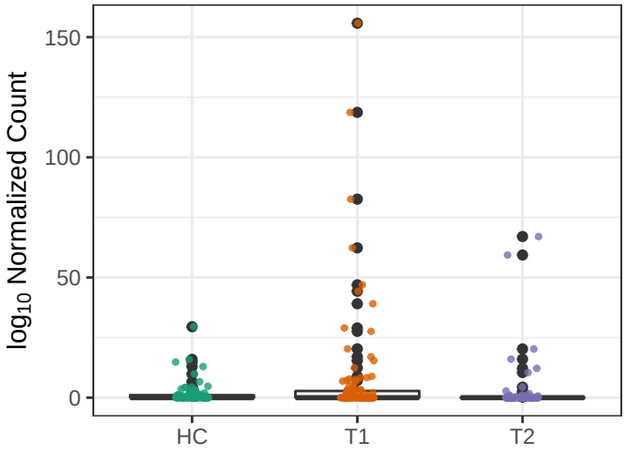
PWY4FS−8: phosphatidylglycerol biosy

HC vs. T1 p = 0.021
HC vs. T2 p = 0.45
T1 vs. T2 p = 0.057



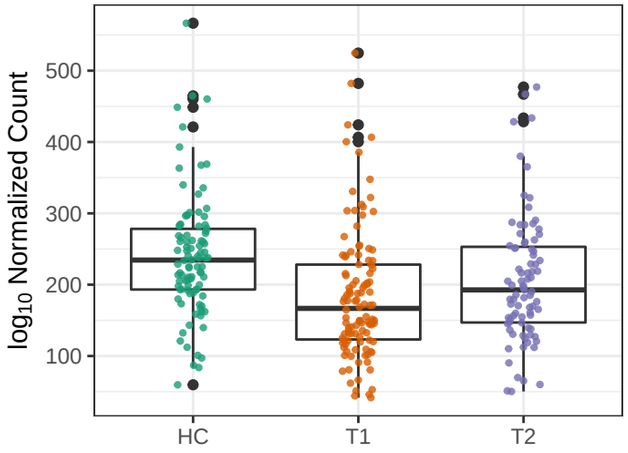
PWY−7013: L−1,2−propanediol degrad

HC vs. T1 p = 0.026
HC vs. T2 p = 0.55
T1 vs. T2 p = 0.059



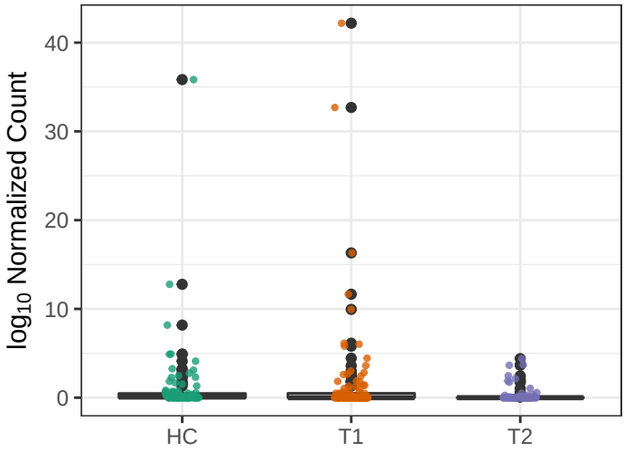
PWY−5100: pyruvate fermentation to a

HC vs. T1 p = 3.8e−05
HC vs. T2 p = 0.044
T1 vs. T2 p = 0.06



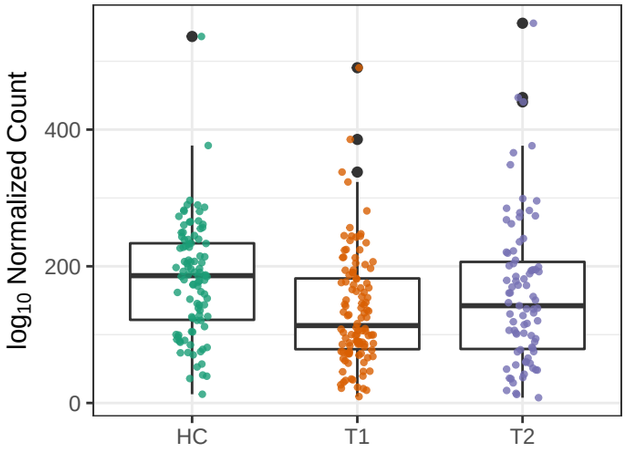
PWY0−1338: polymyxin resistance

HC vs. T1 p = 0.59
HC vs. T2 p = 0.14
T1 vs. T2 p = 0.06



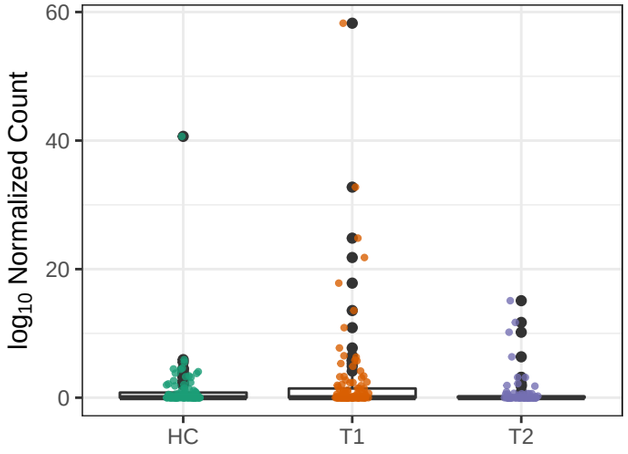
ASPASN−PWY: superpathway of L−as

HC vs. T1 p = 0.00028
HC vs. T2 p = 0.27
T1 vs. T2 p = 0.061



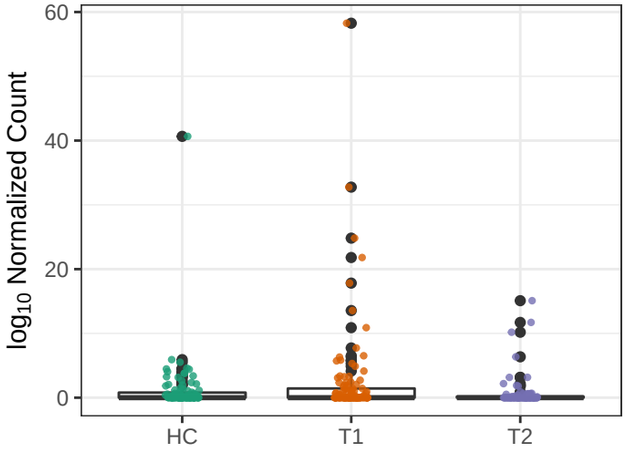
GALACTARDEG−PWY: D−galactarate d

HC vs. T1 p = 0.22
HC vs. T2 p = 0.53
T1 vs. T2 p = 0.064



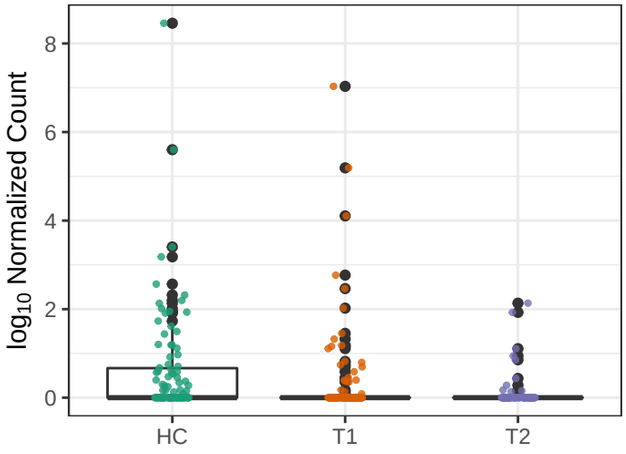
GLUCARGALACTSUPER−PWY: super

HC vs. T1 p = 0.22
HC vs. T2 p = 0.53
T1 vs. T2 p = 0.064



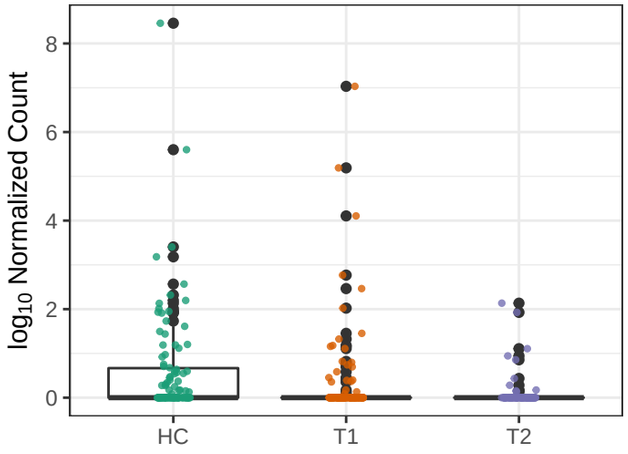
PWY−5692: allantoin degradation to glyc

HC vs. T1 p = 0.11
HC vs. T2 p = 0.0024
T1 vs. T2 p = 0.064



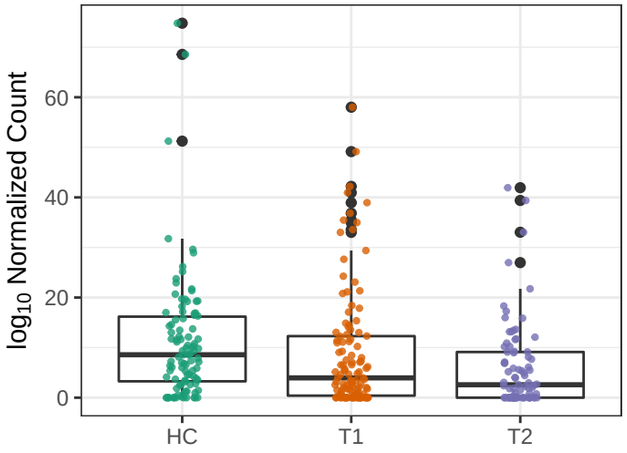
URDEGR−PWY: superpathway of allanto

HC vs. T1 p = 0.11
HC vs. T2 p = 0.0024
T1 vs. T2 p = 0.064



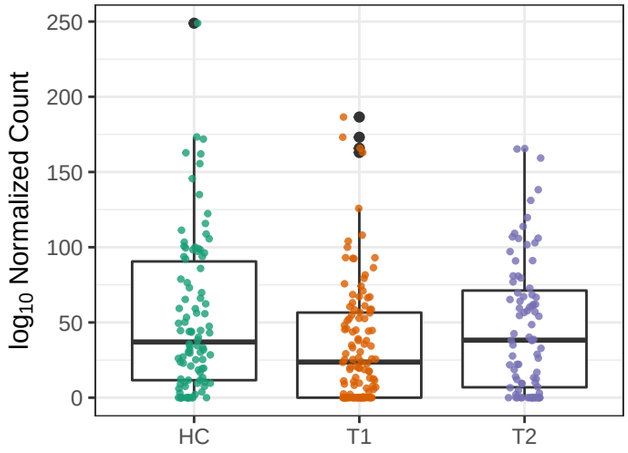
FAO−PWY: fatty acid β−oxidation I

HC vs. T1 p = 0.28
HC vs. T2 p = 0.014
T1 vs. T2 p = 0.065



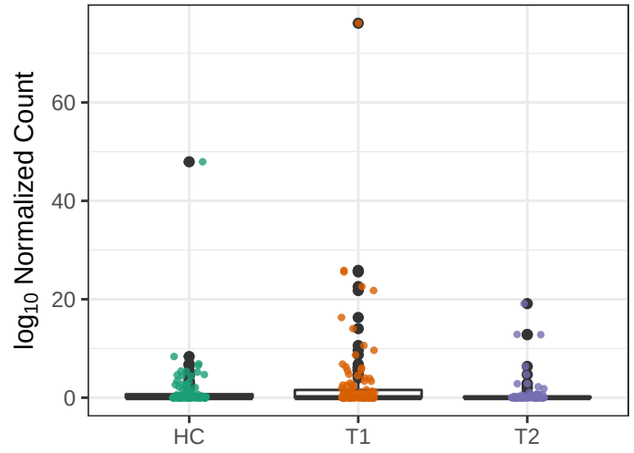
PWY−7456: mannan degradation

HC vs. T1 p = 0.026
HC vs. T2 p = 0.58
T1 vs. T2 p = 0.065



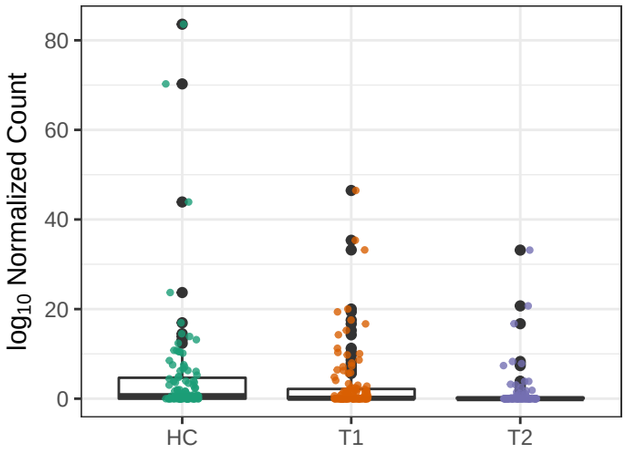
GLUCARDEG−PWY: D−glucarate degra

HC vs. T1 p = 0.25
HC vs. T2 p = 0.47
T1 vs. T2 p = 0.067



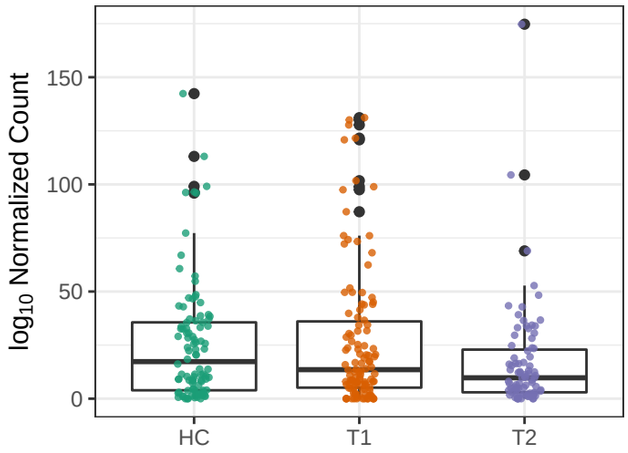
PWY−561: superpathway of glyoxylate (

HC vs. T1 p = 0.38
HC vs. T2 p = 0.052
T1 vs. T2 p = 0.07



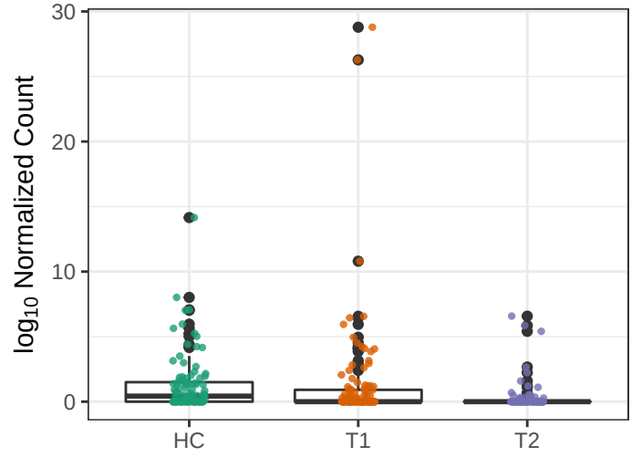
PWY−5345: superpathway of L−methic

HC vs. T1 p = 0.81
HC vs. T2 p = 0.1
T1 vs. T2 p = 0.071



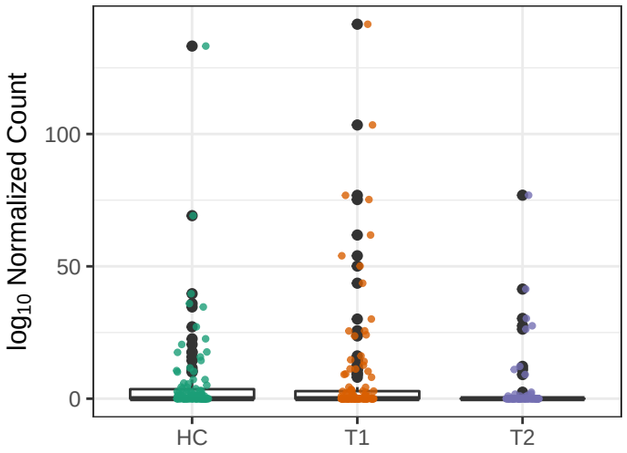
PWY490−3: nitrate reduction VI (assimi

HC vs. T1 p = 1
HC vs. T2 p = 0.0068
T1 vs. T2 p = 0.071



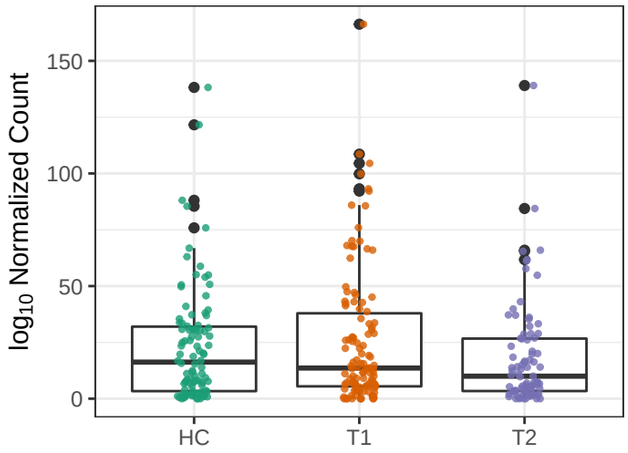
PWY−6629: superpathway of L−tryptop

HC vs. T1 p = 0.56
HC vs. T2 p = 0.27
T1 vs. T2 p = 0.073



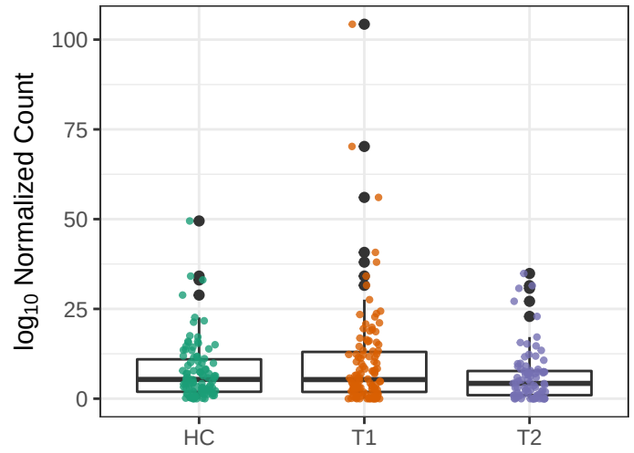
SULFATE−CYS−PWY: superpathway c

HC vs. T1 p = 0.59
HC vs. T2 p = 0.28
T1 vs. T2 p = 0.075

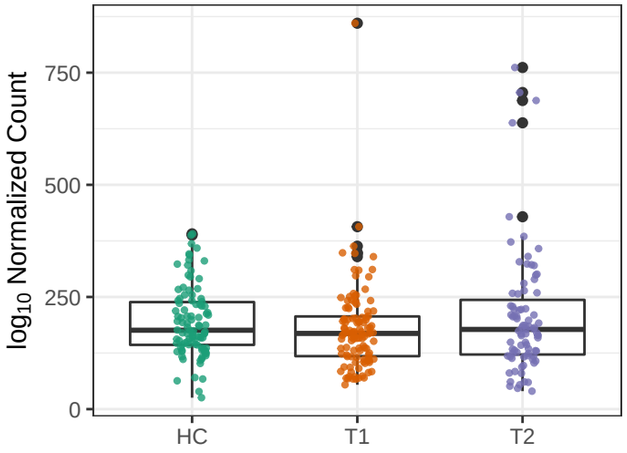


GLUDEG−I−PWY: GABA shunt

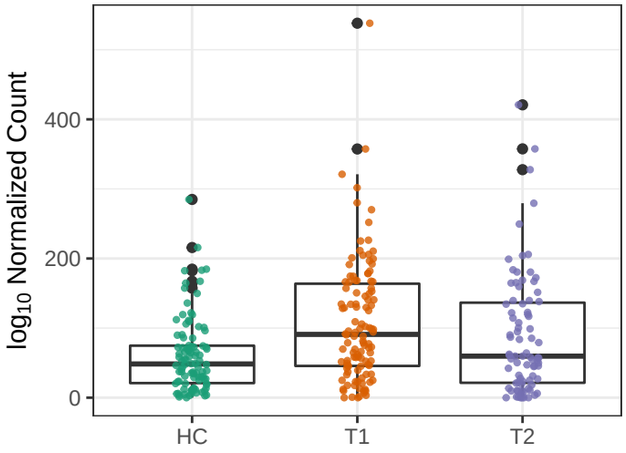
HC vs. T1 p = 0.22
HC vs. T2 p = 0.35
T1 vs. T2 p = 0.076



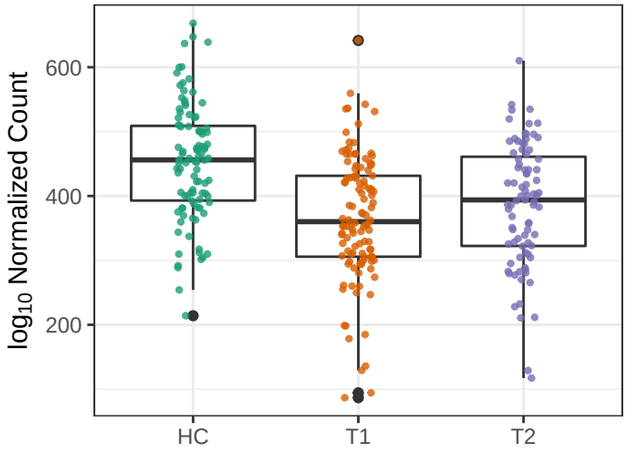
PWY−5188: tetrapyrrole biosynthesis I
HC vs. T1 p = 0.33
HC vs. T2 p = 0.57
T1 vs. T2 p = 0.076



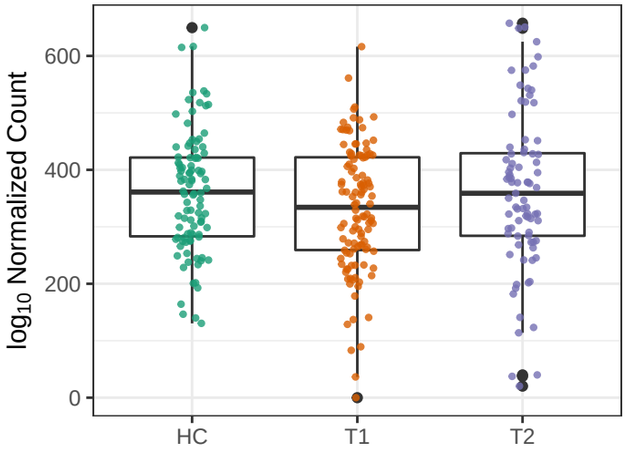
PYRIDOXSYN−PWY: pyridoxal 5'−pho
HC vs. T1 p = 1.6e−05
HC vs. T2 p = 0.051
T1 vs. T2 p = 0.076



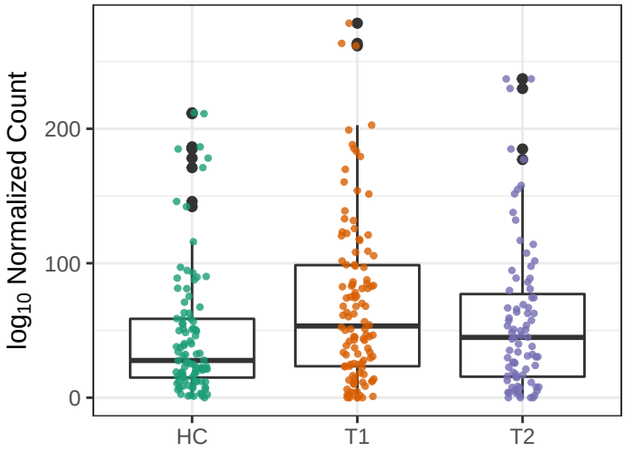
TRNA−CHARGING−PWY: tRNA charg
HC vs. T1 p = 4.7e−09
HC vs. T2 p = 0.00019
T1 vs. T2 p = 0.076



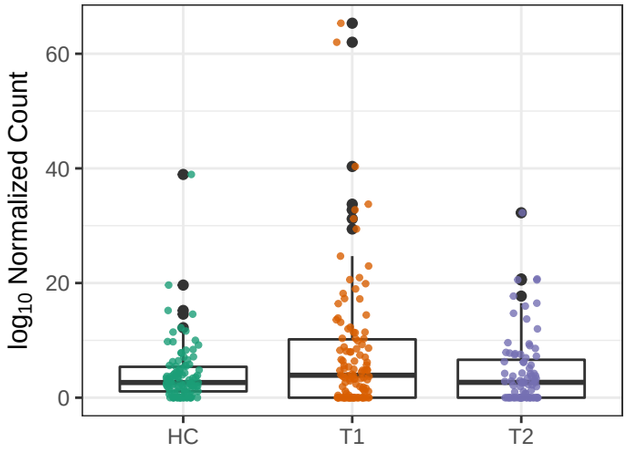
ANAGLYCOLYSIS−PWY: glycolysis III
HC vs. T1 p = 0.097
HC vs. T2 p = 0.96
T1 vs. T2 p = 0.078



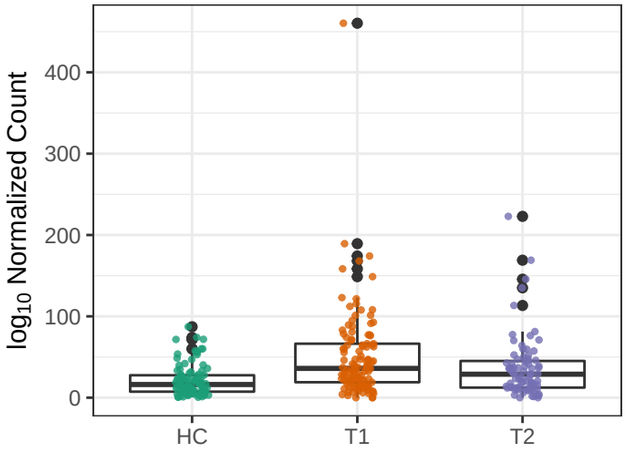
PHOSLIPSYN−PWY: superpathway of
HC vs. T1 p = 0.008
HC vs. T2 p = 0.27
T1 vs. T2 p = 0.078



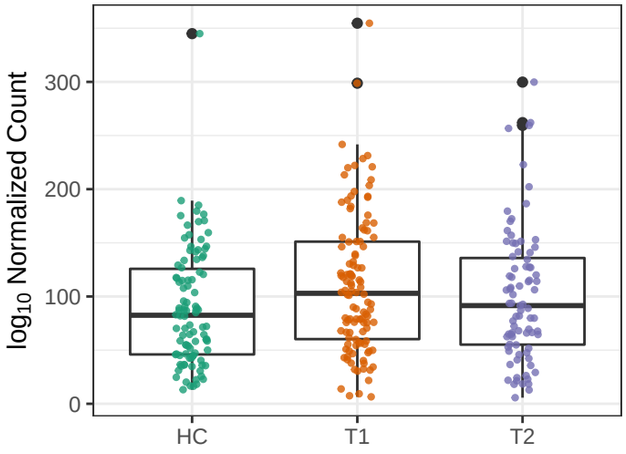
PWY−5464: superpathway of cytosolic g
HC vs. T1 p = 0.0072
HC vs. T2 p = 0.68
T1 vs. T2 p = 0.079



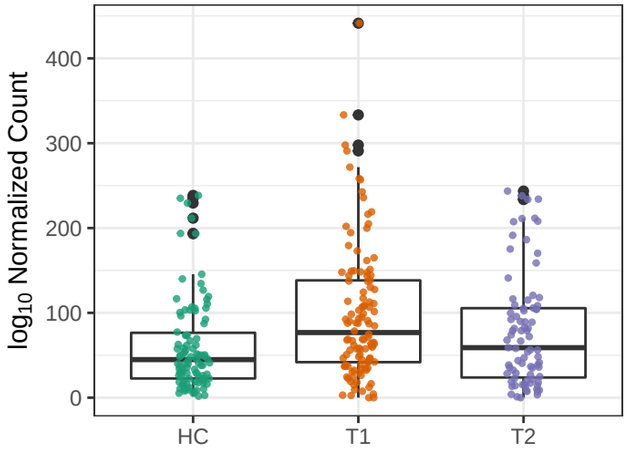
CITRULBIO−PWY: L−citrulline biosynth
HC vs. T1 p = 2.8e−06
HC vs. T2 p = 0.014
T1 vs. T2 p = 0.086



PWY66−409: superpathway of purine r
HC vs. T1 p = 0.025
HC vs. T2 p = 0.34
T1 vs. T2 p = 0.086

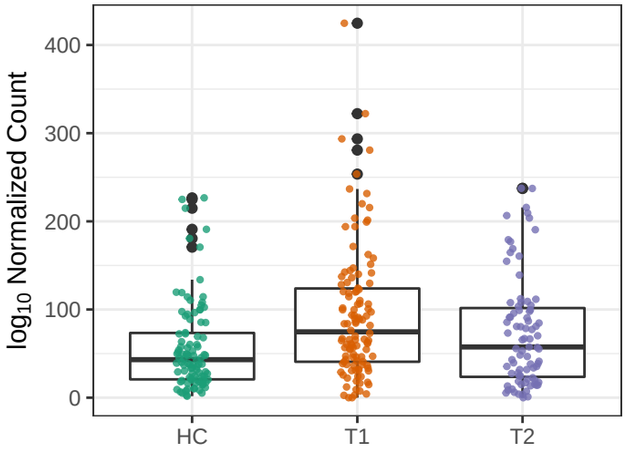


GLYCOLYSIS: glycolysis I (from glucos
HC vs. T1 p = 0.00023
HC vs. T2 p = 0.12
T1 vs. T2 p = 0.087



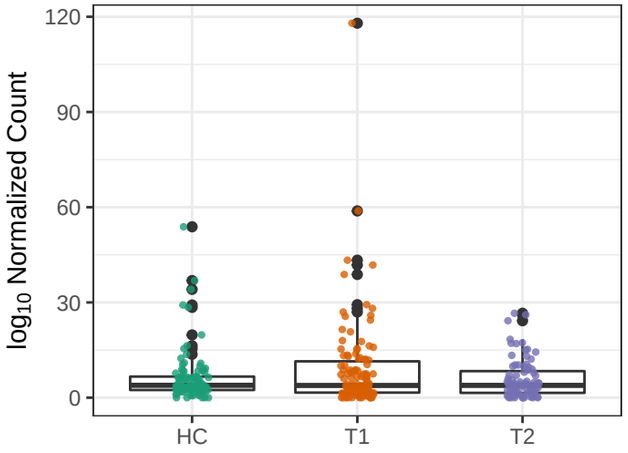
PWY−5484: glycolysis II (from fructose

HC vs. T1 p = 0.00018
HC vs. T2 p = 0.1
T1 vs. T2 p = 0.087



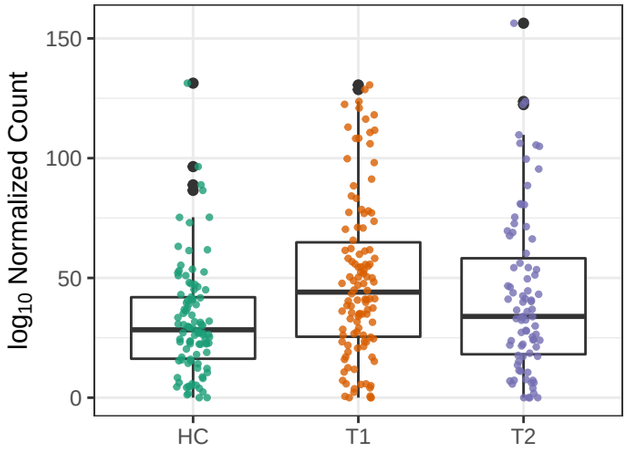
PWY−5863: superpathway of phylloqui

HC vs. T1 p = 0.2
HC vs. T2 p = 0.72
T1 vs. T2 p = 0.088



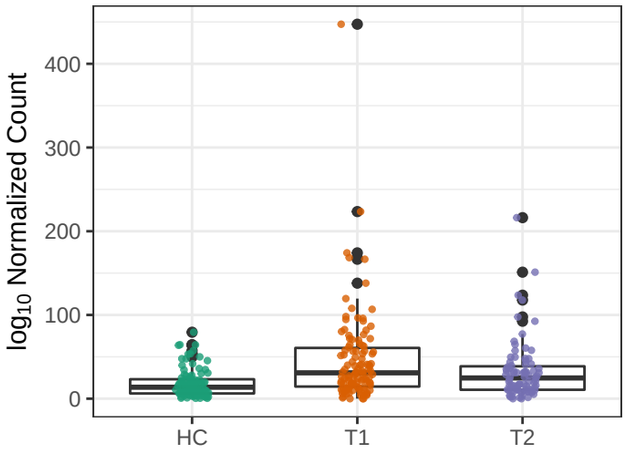
PWY66−399: gluconeogenesis III

HC vs. T1 p = 8.5e−05
HC vs. T2 p = 0.065
T1 vs. T2 p = 0.09



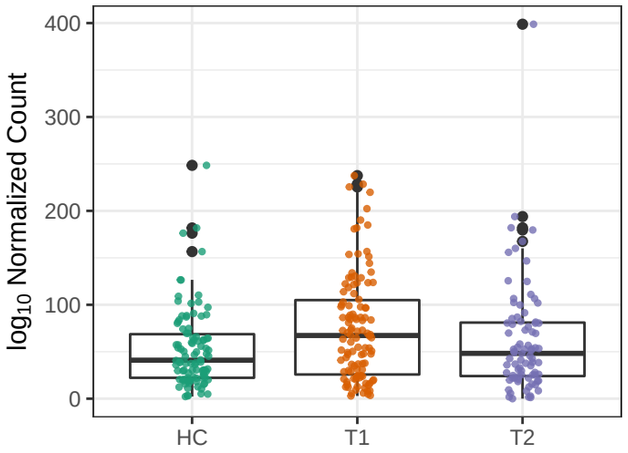
PWY−4984: urea cycle

HC vs. T1 p = 6.9e−06
HC vs. T2 p = 0.014
T1 vs. T2 p = 0.092



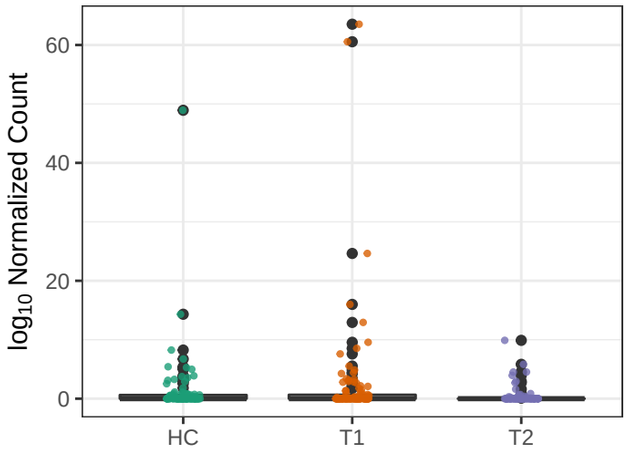
PWY−5154: L−arginine biosynthesis III

HC vs. T1 p = 0.004
HC vs. T2 p = 0.36
T1 vs. T2 p = 0.093



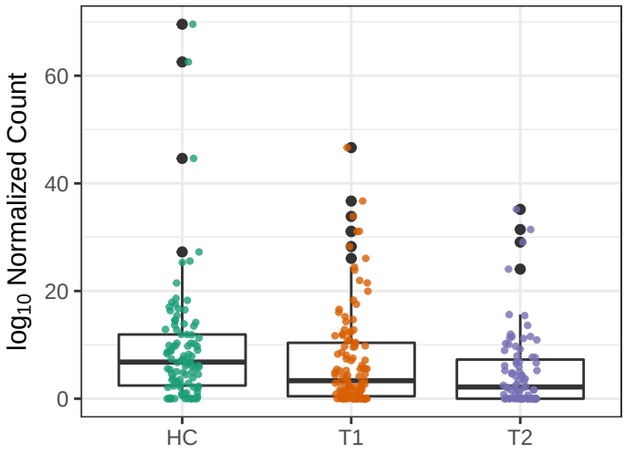
PWY−6823: molybdenum cofactor biosy

HC vs. T1 p = 0.47
HC vs. T2 p = 0.22
T1 vs. T2 p = 0.093



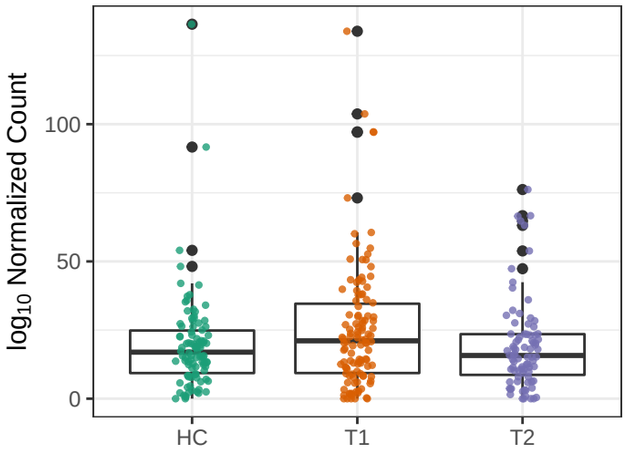
PWY−5136: fatty acid β−oxidation

HC vs. T1 p = 0.23
HC vs. T2 p = 0.018
T1 vs. T2 p = 0.094



P185−PWY: formaldehyde assimilation

HC vs. T1 p = 0.1
HC vs. T2 p = 0.91
T1 vs. T2 p = 0.096



PWY−7560: methylerythritol phosphate

HC vs. T1 p = 0.03
HC vs. T2 p = 0.74
T1 vs. T2 p = 0.096